

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059335.D
 Acq On : 21 Nov 2019 15:06
 Operator : JC/SP
 Sample : VN1121WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 3:12:14 PM

Quant Time: Nov 22 06:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	404860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	640191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	568855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	217479	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
35) Dibromofluoromethane	7.57	113	172064	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	10.08	98	686602	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
62) 4-Bromofluorobenzene	12.40	95	242020	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98191	18.944	ug/l	100
3) Chloromethane	2.04	50	117274	18.469	ug/l	100
4) Vinyl Chloride	2.17	62	124995	19.120	ug/l	99
5) Bromomethane	2.55	94	66964	18.450	ug/l	96
6) Chloroethane	2.68	64	63393	17.768	ug/l	99
7) Trichlorofluoromethane	3.00	101	126893	18.025	ug/l	99
8) Diethyl Ether	3.39	74	53590	18.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	80550	18.712	ug/l	100
10) Methyl Iodide	3.93	142	103607	19.366	ug/l	98
11) Tert butyl alcohol	4.75	59	88568	91.066	ug/l	100
12) 1,1-Dichloroethene	3.72	96	79752	18.252	ug/l	99
13) Acrolein	3.58	56	82077	92.449	ug/l	99
14) Allyl chloride	4.30	41	148708	18.218	ug/l	99
15) Acrylonitrile	4.95	53	241004	93.722	ug/l	99
16) Acetone	3.79	43	207711	95.364	ug/l	97
17) Carbon Disulfide	4.03	76	251128	18.427	ug/l	99
18) Methyl Acetate	4.30	43	135863	18.796	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	264680	18.754	ug/l	100
20) Methylene Chloride	4.53	84	90838	18.492	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	85367	18.434	ug/l	99
22) Diisopropyl ether	5.92	45	286468	18.639	ug/l	96
23) Vinyl Acetate	5.87	43	1137493	94.117	ug/l	100
24) 1,1-Dichloroethane	5.82	63	163222	18.868	ug/l	99
25) 2-Butanone	6.81	43	318472	94.031	ug/l	98
26) 2,2-Dichloropropane	6.80	77	137098	18.302	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	95683	18.313	ug/l	98
28) Bromochloromethane	7.18	49	65519	20.070	ug/l	98
29) Tetrahydrofuran	7.19	42	217801	93.001	ug/l	100
30) Chloroform	7.35	83	155903	18.485	ug/l	97
31) Cyclohexane	7.63	56	156063	18.246	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	131994	18.300	ug/l	100
36) 1,1-Dichloropropene	7.77	75	121921	18.448	ug/l	100
37) Ethyl Acetate	6.90	43	127768	17.988	ug/l	99
38) Carbon Tetrachloride	7.75	117	117867	18.629	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	149132	18.713	ug/l	98
40) Benzene	8.02	78	360000	18.559	ug/l	100
41) Methacrylonitrile	7.15	41	55667m	17.654	ug/l	
42) 1,2-Dichloroethane	8.10	62	118411	18.458	ug/l	100
43) Isopropyl Acetate	8.15	43	198325	18.270	ug/l	99
44) Trichloroethene	8.82	130	90932	18.497	ug/l	99
45) 1,2-Dichloropropane	9.11	63	96872	18.728	ug/l	96
46) Dibromomethane	9.20	93	58892	18.562	ug/l	99
47) Bromodichloromethane	9.39	83	116902	18.398	ug/l	99
48) Methyl methacrylate	9.19	41	90168	18.266	ug/l	99
49) 1,4-Dioxane	9.19	88	27555	371.413	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	628174	98.866	ug/l	99
52) Toluene	10.15	92	219230	18.796	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	136475	18.477	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	149509	18.654	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	86772	19.135	ug/l	98
56) Ethyl methacrylate	10.42	69	128628	18.251	ug/l	99
57) 1,3-Dichloropropane	10.70	76	150990	19.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	212392	91.450	ug/l	100
59) 2-Hexanone	10.75	43	458457	98.539	ug/l	99
60) Dibromochloromethane	10.90	129	88362	18.491	ug/l	99
61) 1,2-Dibromoethane	11.00	107	88719	18.802	ug/l	99
64) Tetrachloroethene	10.63	164	81051	18.422	ug/l	98
65) Chlorobenzene	11.43	112	225455	18.432	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	84945	19.116	ug/l	98
67) Ethyl Benzene	11.51	91	411118	18.825	ug/l	100
68) m/p-Xylenes	11.62	106	303883	37.446	ug/l	98
69) o-Xylene	11.95	106	147903	19.037	ug/l	99
70) Styrene	11.96	104	228619	18.649	ug/l	99
71) Bromoform	12.13	173	63255	18.797	ug/l #	100
73) Isopropylbenzene	12.25	105	394756	19.159	ug/l	100
74) N-amyl acetate	12.07	43	151697	18.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	127348	18.684	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117445m	20.211	ug/l	
77) Bromobenzene	12.53	156	92404	18.490	ug/l	98
78) n-propylbenzene	12.59	91	455124	19.500	ug/l	100
79) 2-Chlorotoluene	12.68	91	269137	18.787	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	331395	19.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42919	18.474	ug/l	98
82) 4-Chlorotoluene	12.77	91	271541	18.317	ug/l	99
83) tert-Butylbenzene	12.99	119	281531	19.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	322774	19.024	ug/l	100
85) sec-Butylbenzene	13.17	105	379178	19.285	ug/l	99
86) p-Isopropyltoluene	13.29	119	336270	19.220	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	162698	18.281	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	160652	18.244	ug/l	99
89) n-Butylbenzene	13.62	91	284737	18.552	ug/l	99
90) Hexachloroethane	13.88	117	60010	18.111	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	161149	18.715	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25249	17.424	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	89719	18.706	ug/l	98
94) Hexachlorobutadiene	15.01	225	58638	18.901	ug/l	98
95) Naphthalene	15.13	128	237325	18.158	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	91571	18.659	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

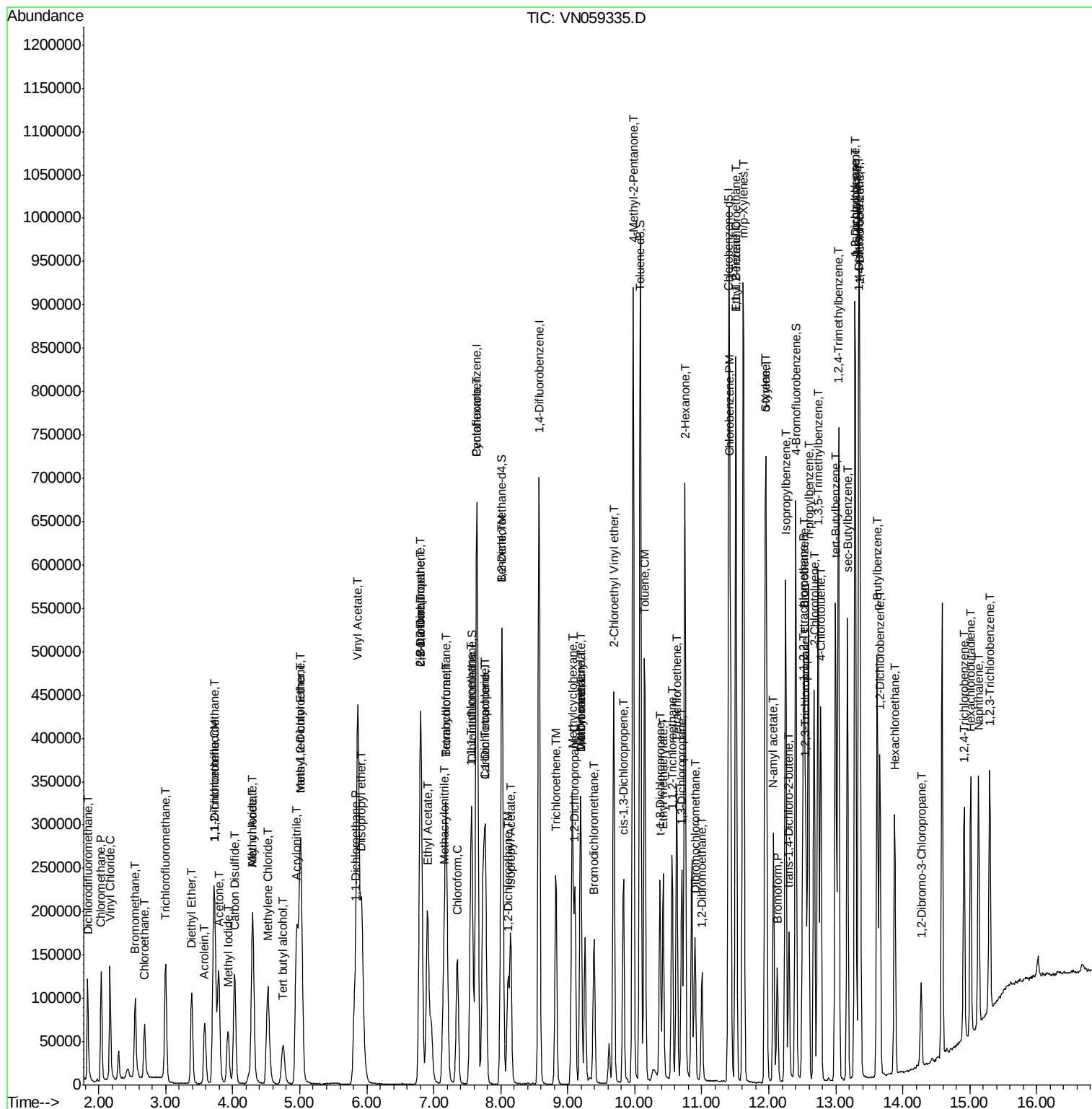
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Data File : VN059335.D
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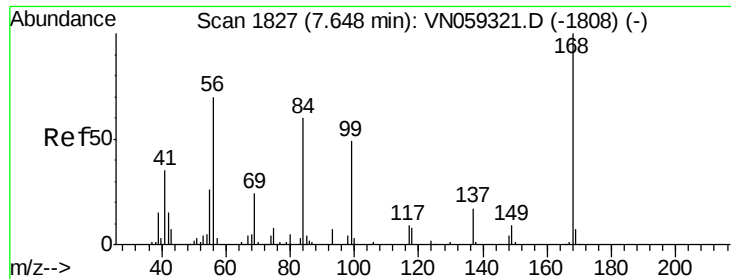
Instrument :
MSVOA_N
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VN1121WBS02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion:168 Resp: 404860

Ion Ratio Lower Upper

168 100

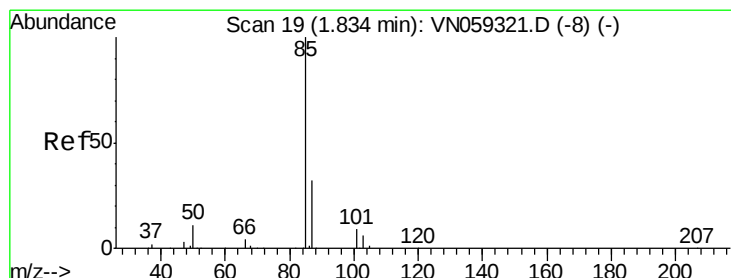
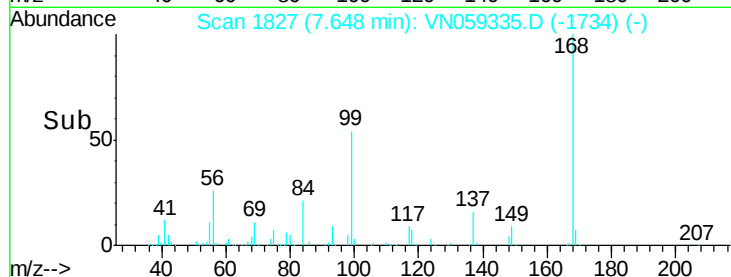
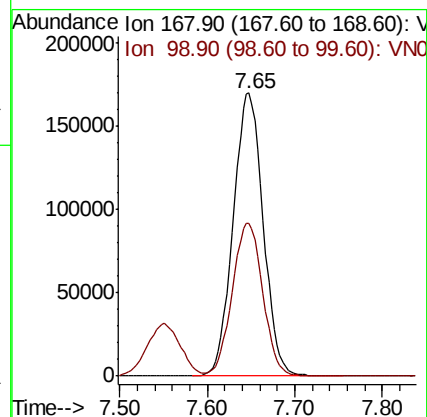
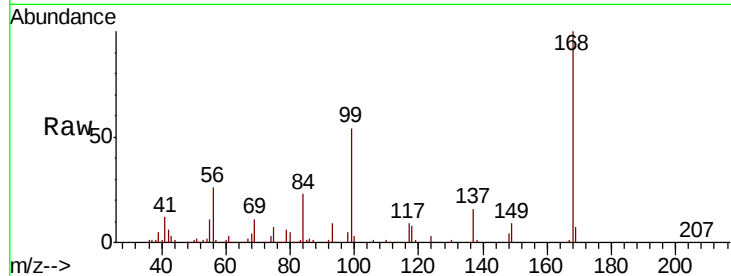
99 53.8 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.944 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059335.D

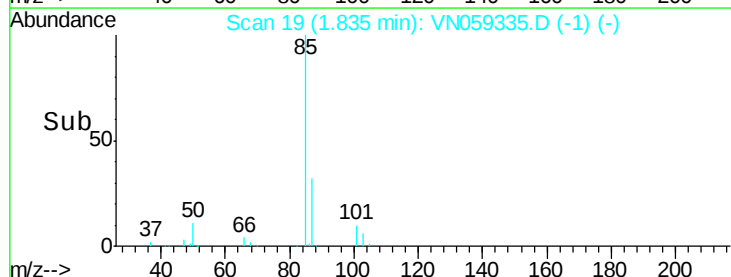
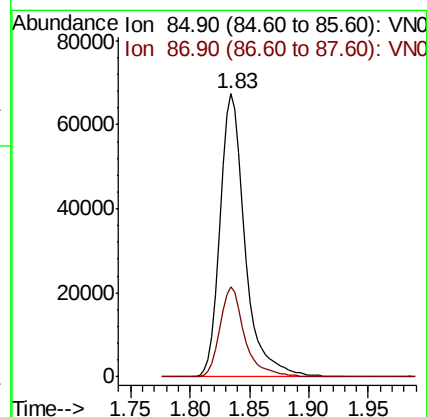
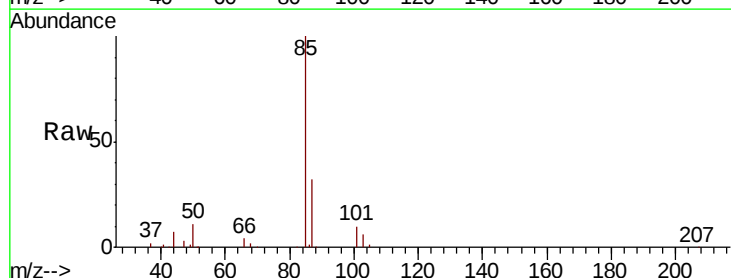
Acq: 21 Nov 2019 15:06

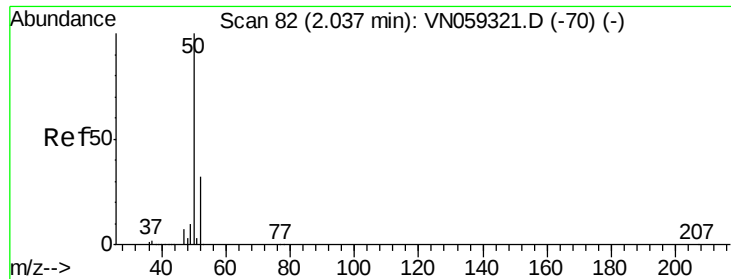
Tgt Ion: 85 Resp: 98191

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0





#3

Chloromethane

Concen: 18.469 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 50 Resp: 117274

Ion Ratio Lower Upper

50 100

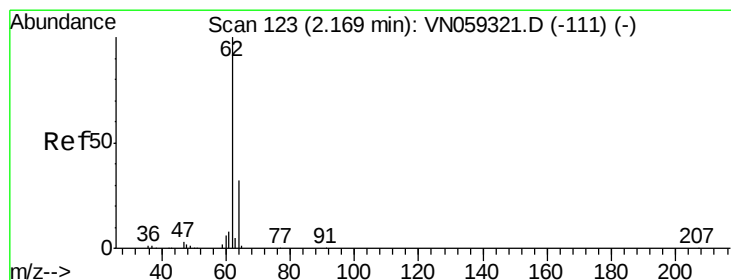
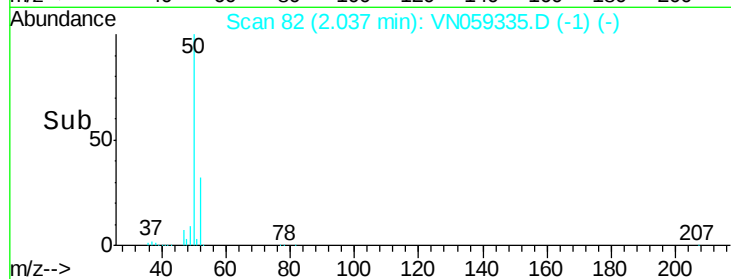
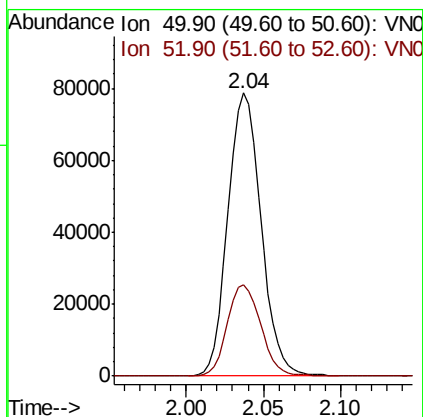
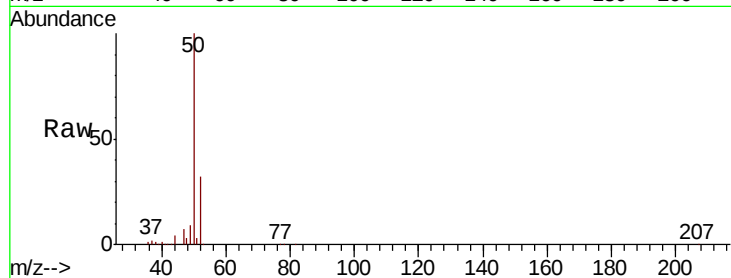
52 32.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.120 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059335.D

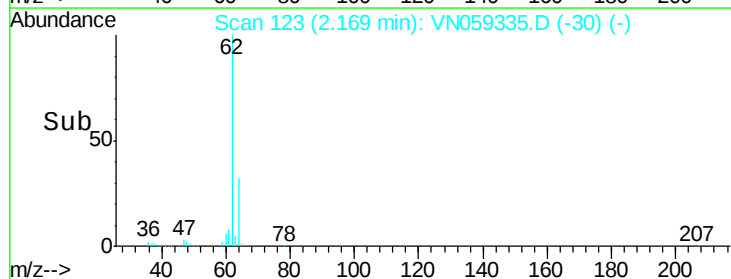
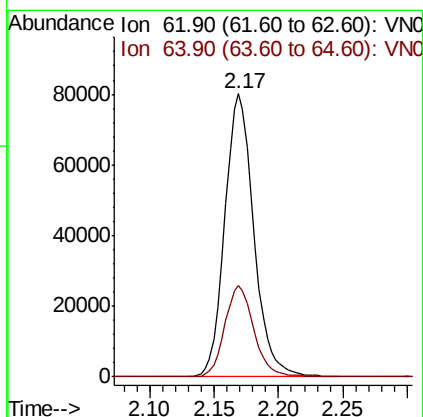
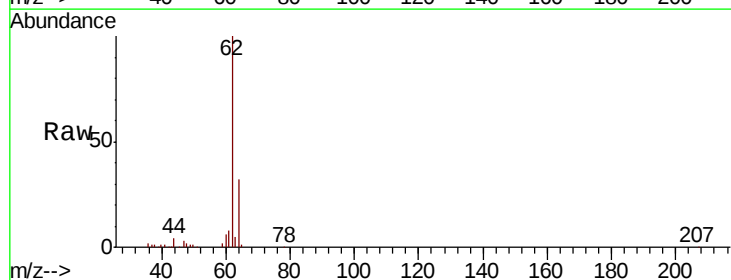
Acq: 21 Nov 2019 15:06

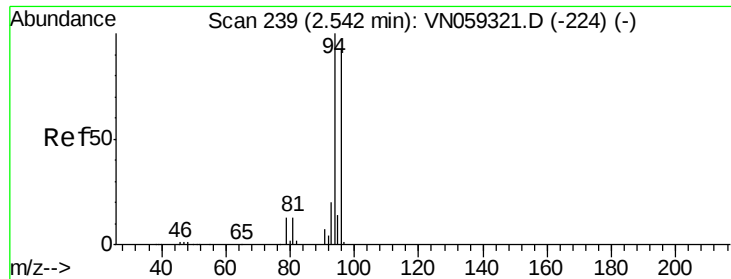
Tgt Ion: 62 Resp: 124995

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 18.450 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 94 Resp: 66964

Ion Ratio Lower Upper

94 100

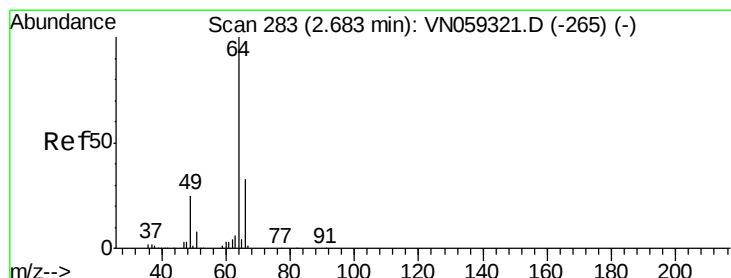
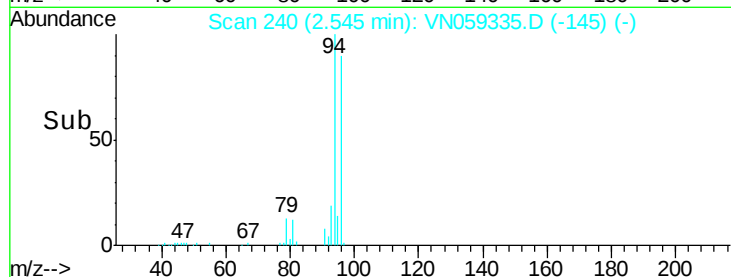
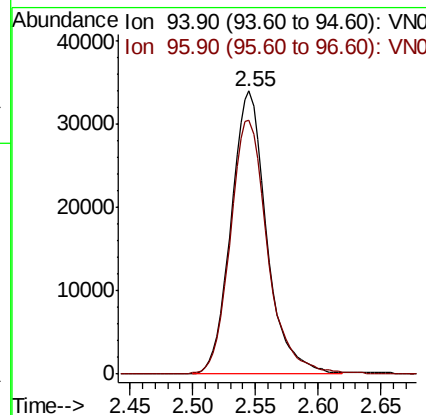
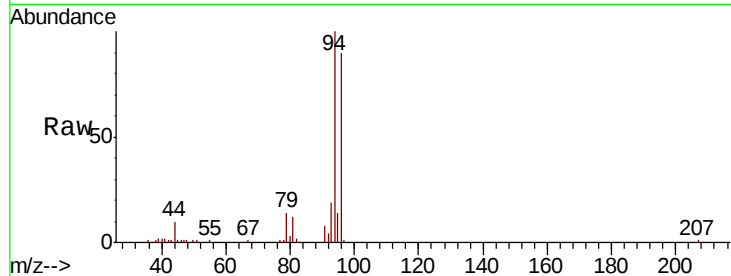
96 89.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 17.768 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059335.D

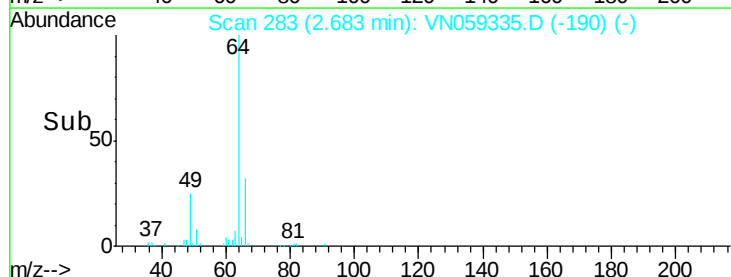
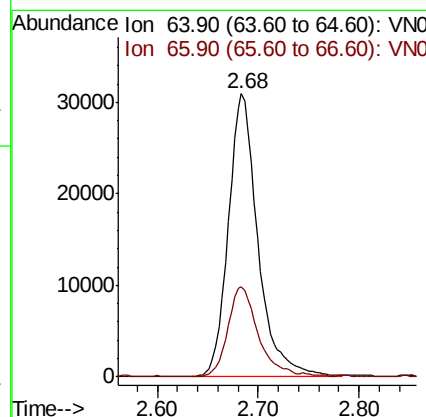
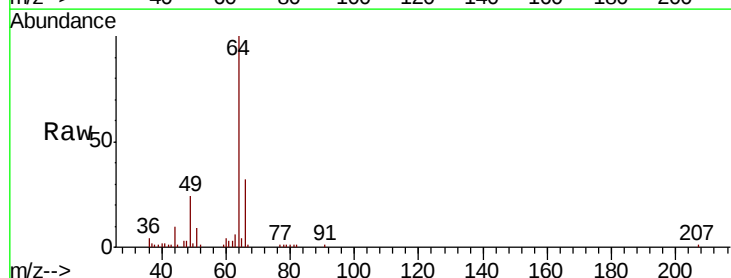
Acq: 21 Nov 2019 15:06

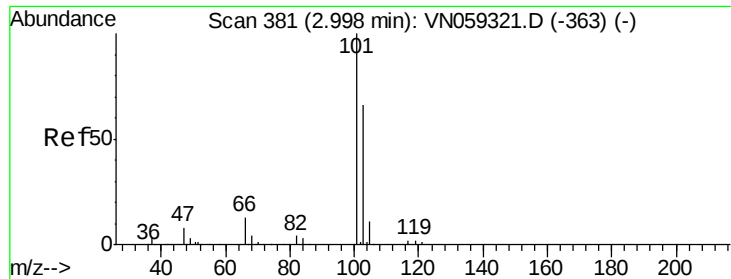
Tgt Ion: 64 Resp: 63393

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2





#7

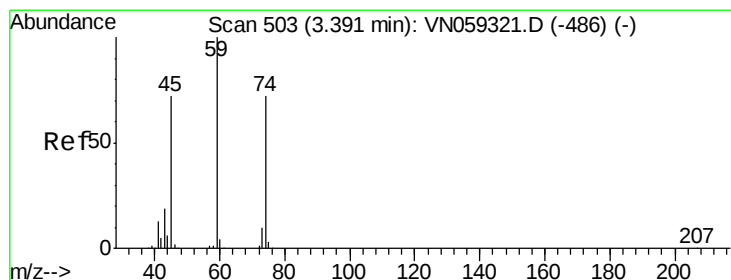
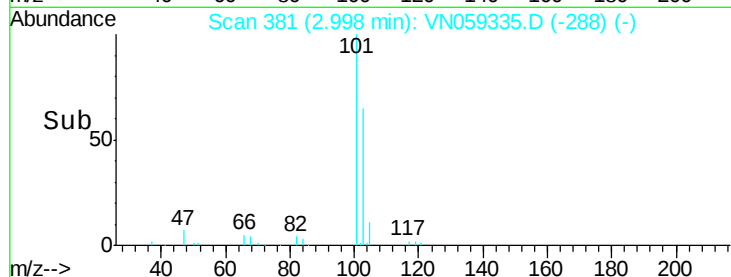
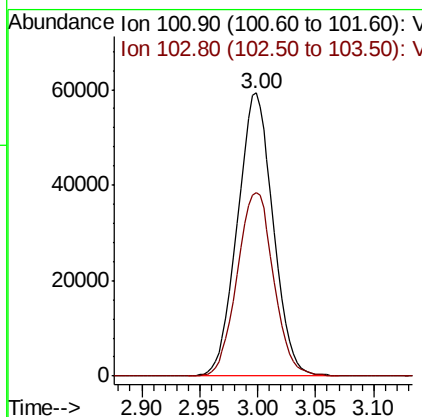
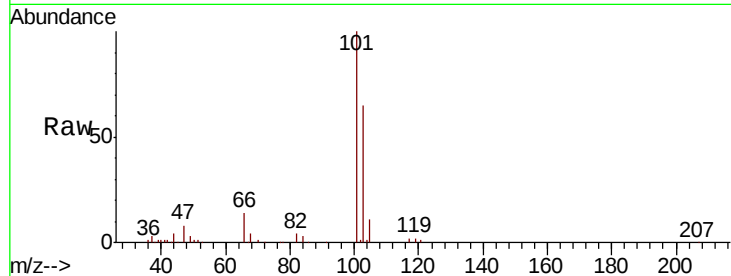
Trichlorofluoromethane
Concen: 18.025 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
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VN1121WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		126893		
103	65.0	52.5	78.7		

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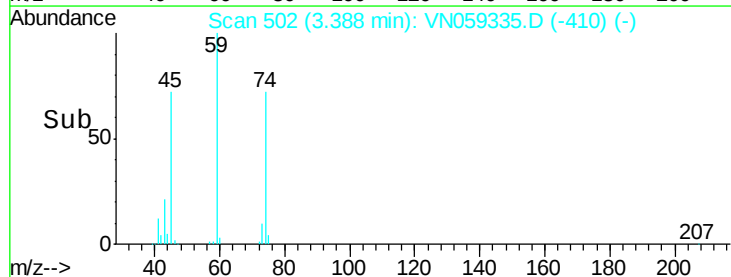
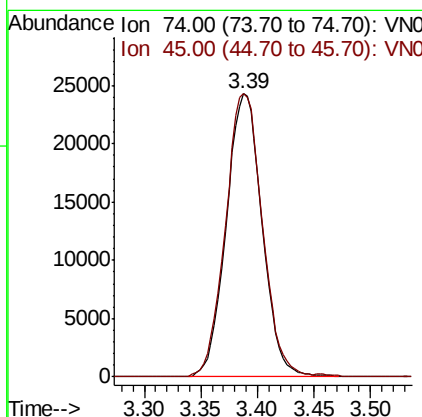
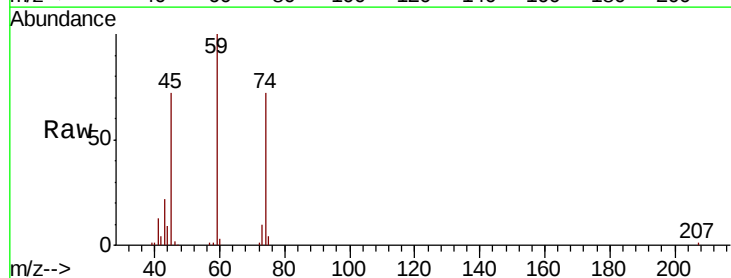
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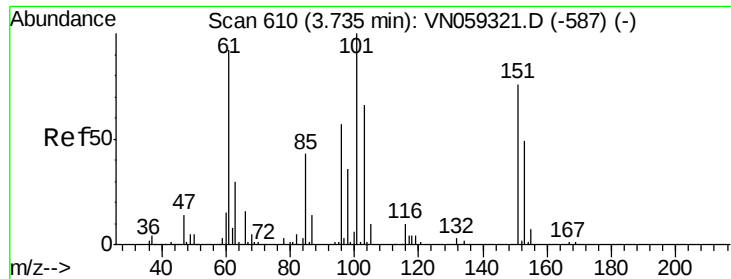


#8

Diethyl Ether
Concen: 18.620 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		53590		
45	102.8	51.7	155.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.712 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

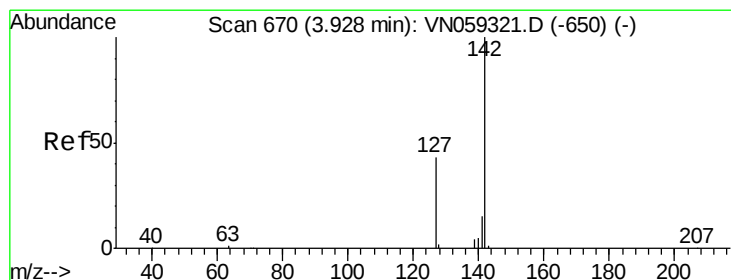
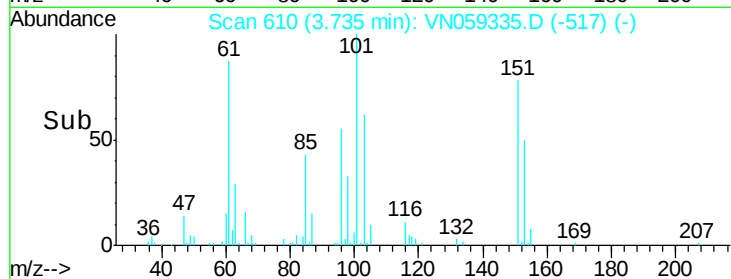
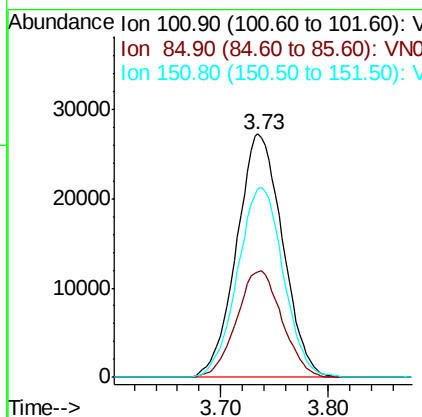
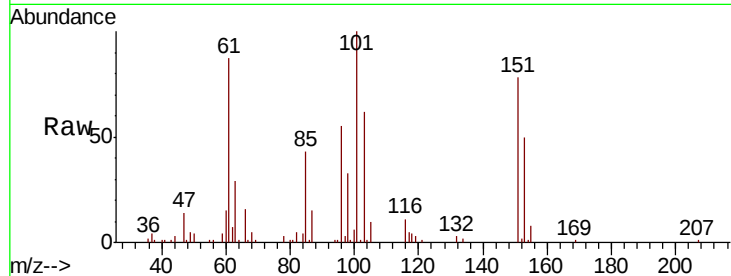
ClientSampleId :

VN1121WBS02

Tot Ion:	101	Resp:	80550
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.8	52.2
151	77.9	62.2	93.4

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#10

Methyl Iodide

Concen: 19.366 ug/l

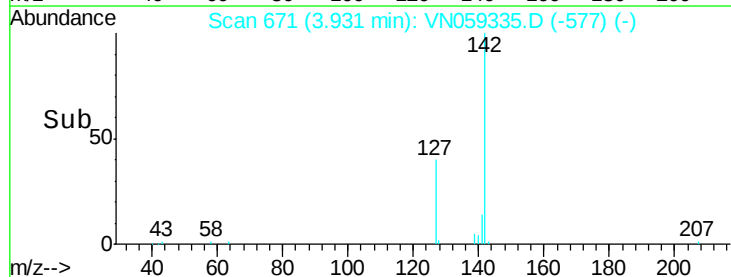
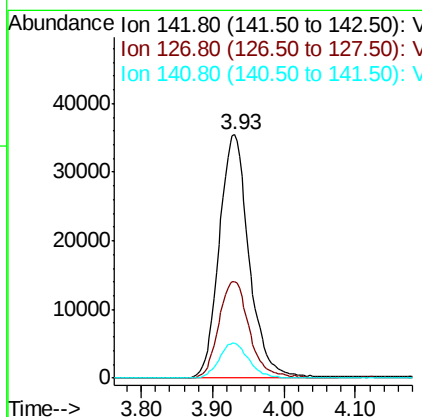
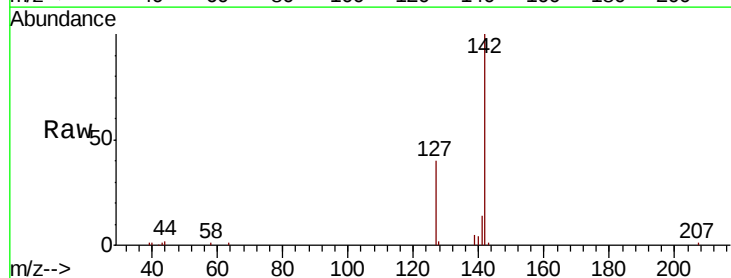
RT: 3.93 min Scan# 671

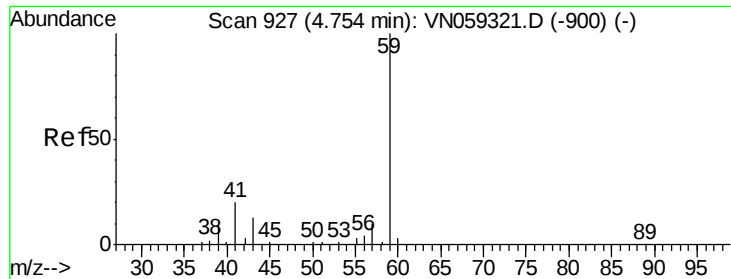
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	142	Resp:	103607
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.8	50.6
141	14.1	11.2	16.8





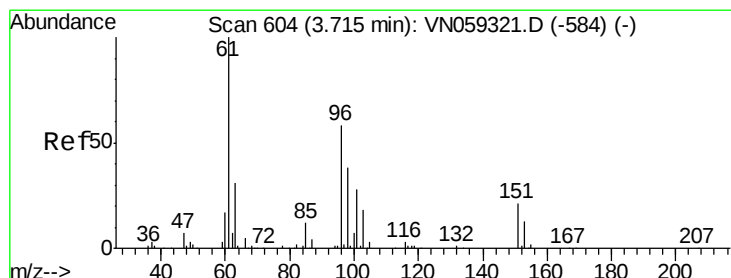
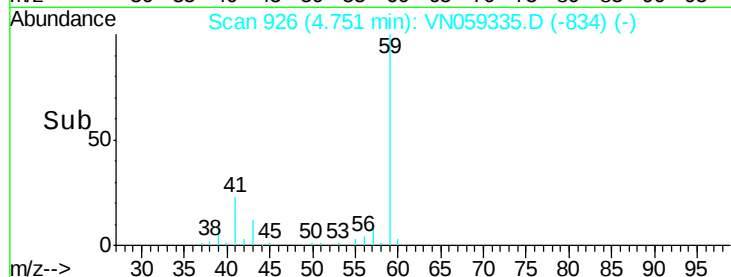
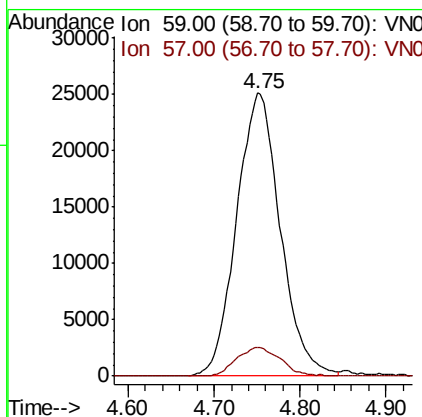
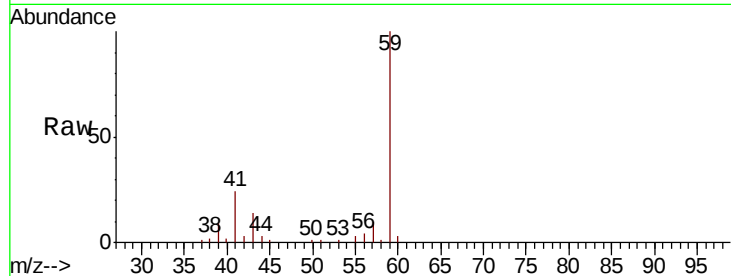
#11
Tert butyl alcohol
Concen: 91.066 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

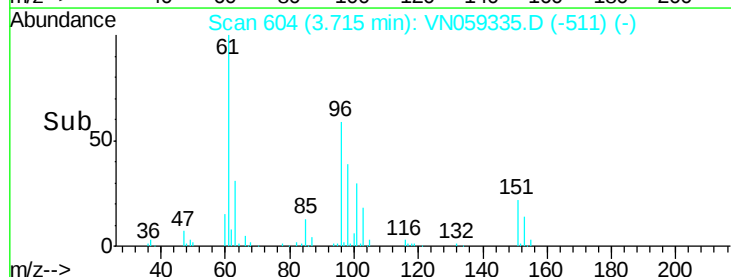
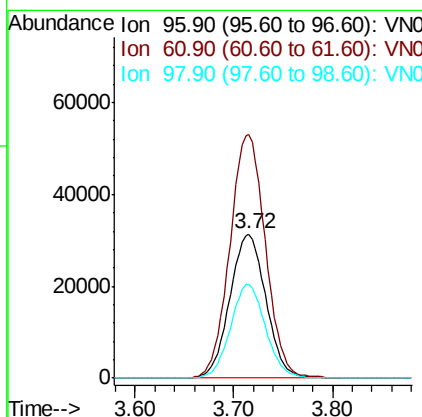
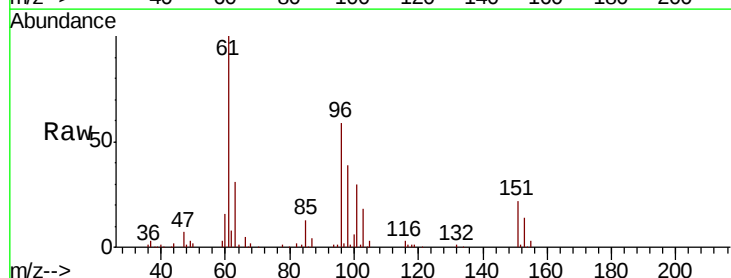
Manual Integrations
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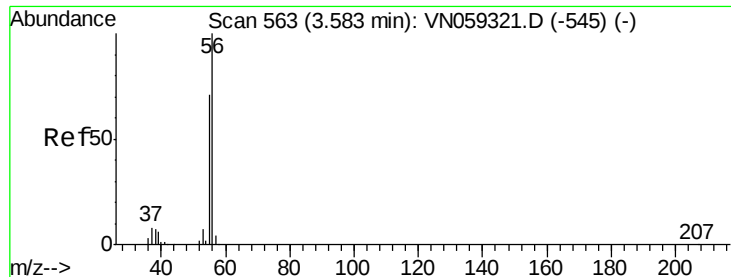
MMDadoda
11/22/2019 3:12:14 PM



#12
1,1-Dichloroethene
Concen: 18.252 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	136.8	205.2
98	65.5	51.6	77.4





#13

Acrolein

Concen: 92.449 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 56 Resp: 82077

Ion Ratio Lower Upper

56 100

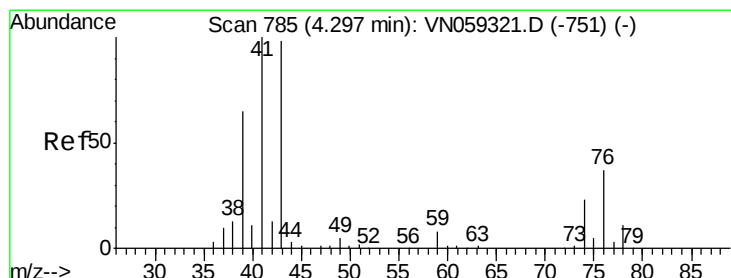
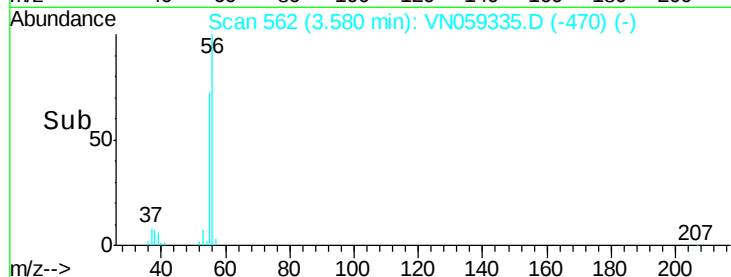
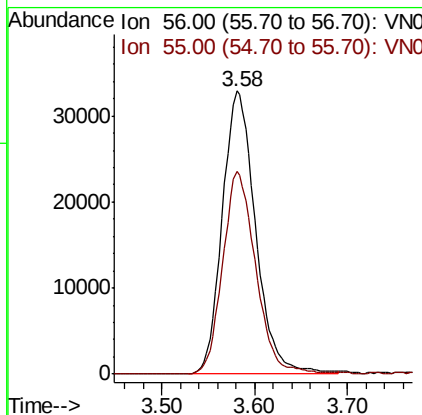
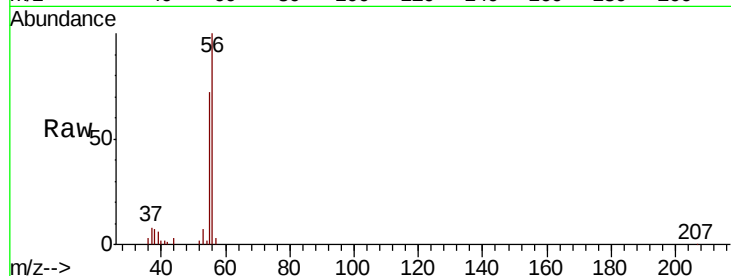
55 70.8 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.218 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

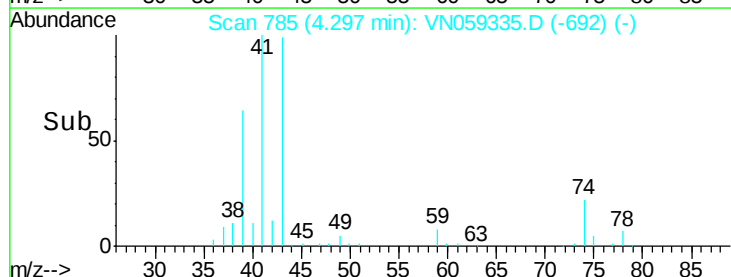
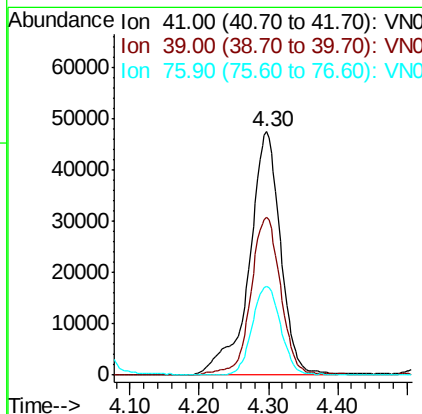
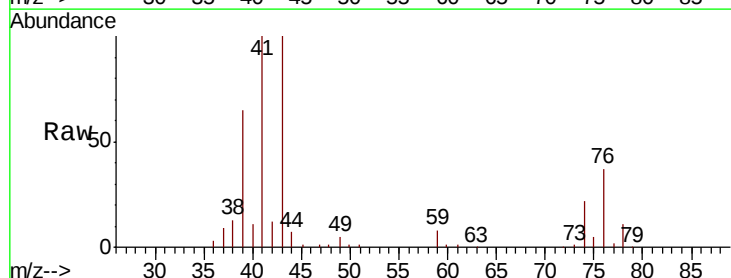
Tgt Ion: 41 Resp: 148708

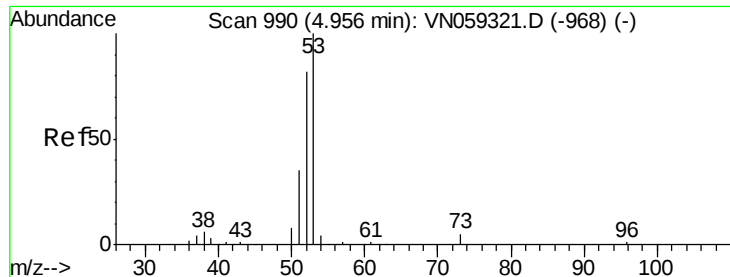
Ion Ratio Lower Upper

41 100

39 61.6 48.4 72.6

76 33.2 26.2 39.4





#15

Acrylonitrile

Concen: 93.722 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

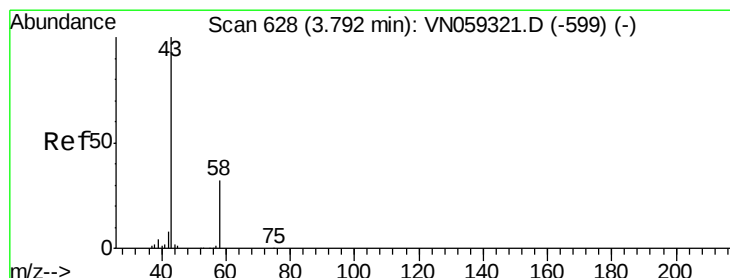
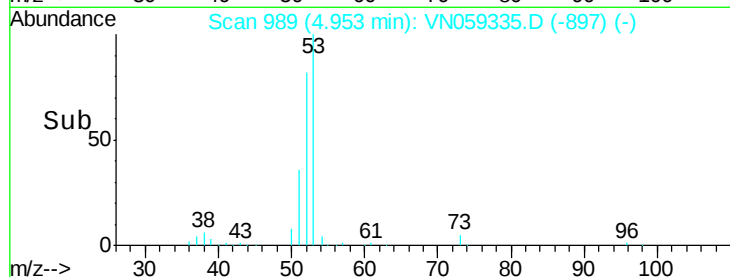
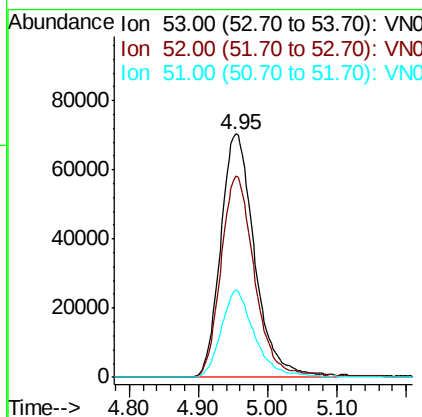
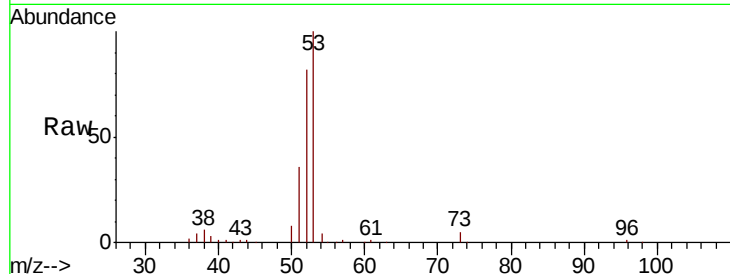
ClientSampleId :

VN1121WBS02

Tot Ion:	53	Resp:	241004
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.8	98.8
51	35.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 95.364 ug/l

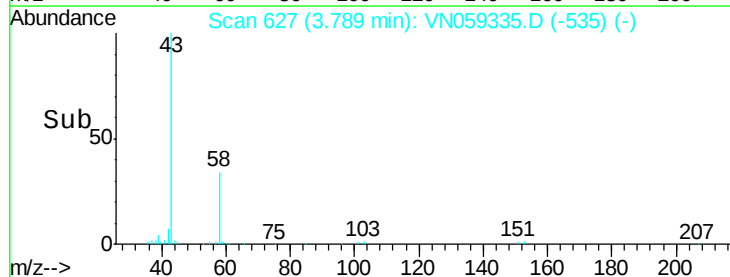
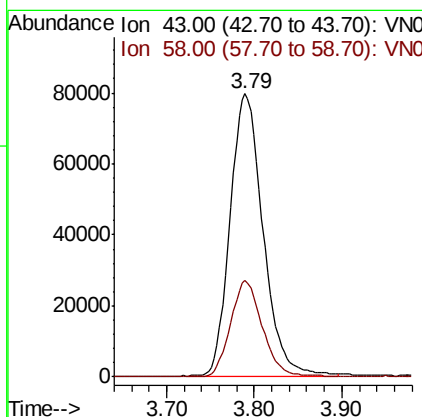
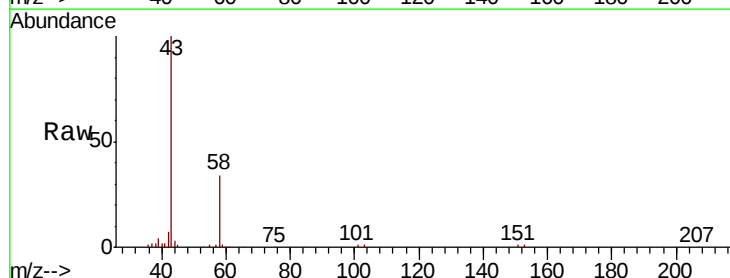
RT: 3.79 min Scan# 627

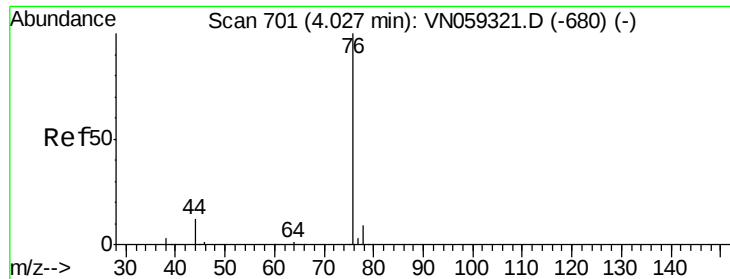
Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	43	Resp:	207711
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.8	38.6





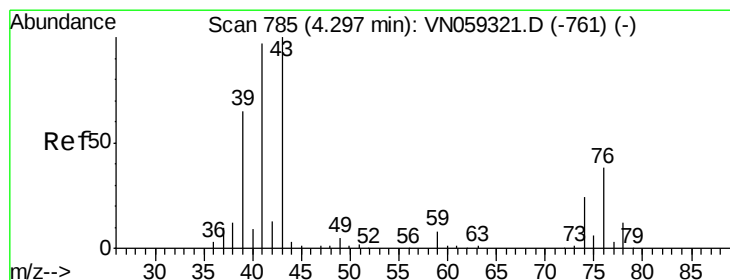
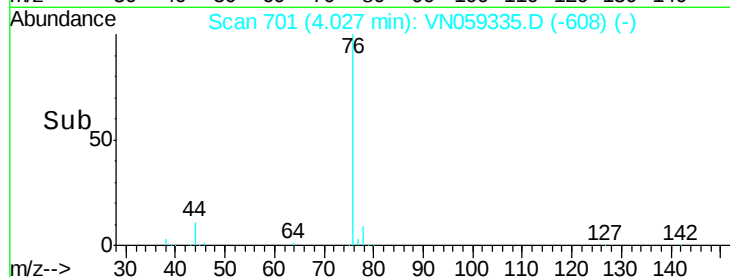
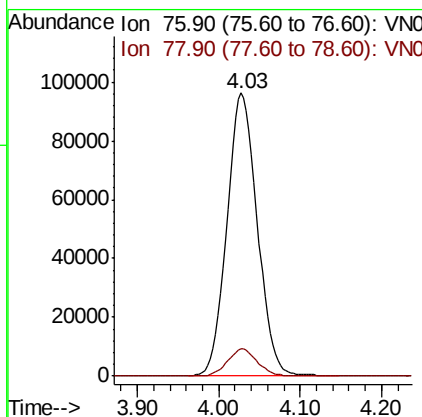
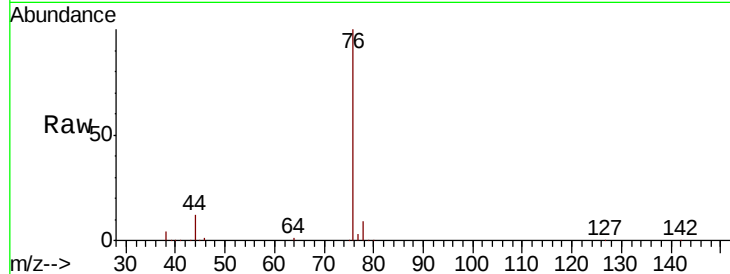
#17
Carbon Disulfide
Concen: 18.427 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion: 76 Resp: 251128
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

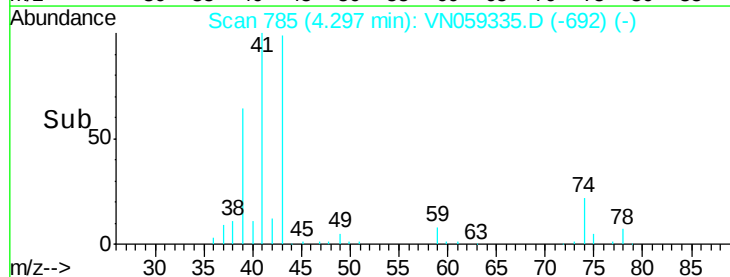
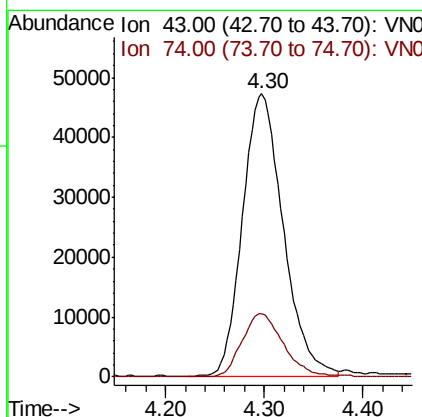
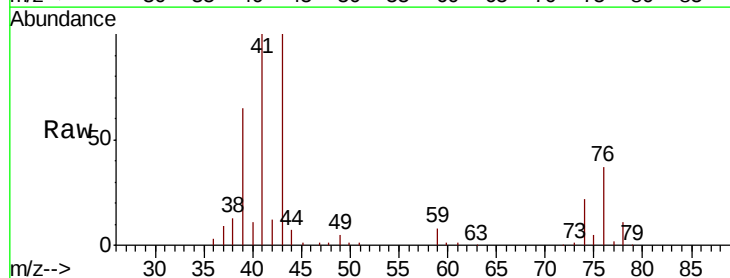
Manual Integrations
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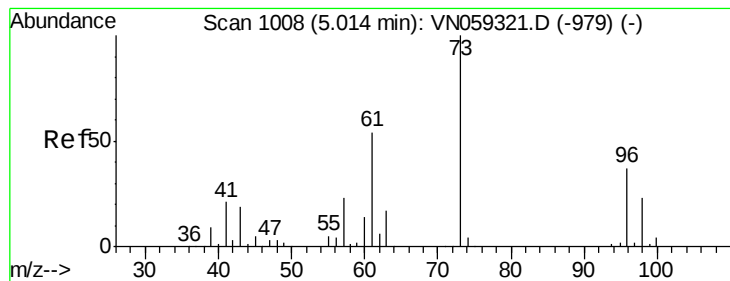
MMDadoda
11/22/2019 3:12:14 PM



#18
Methyl Acetate
Concen: 18.796 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion: 43 Resp: 135863
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1





#19

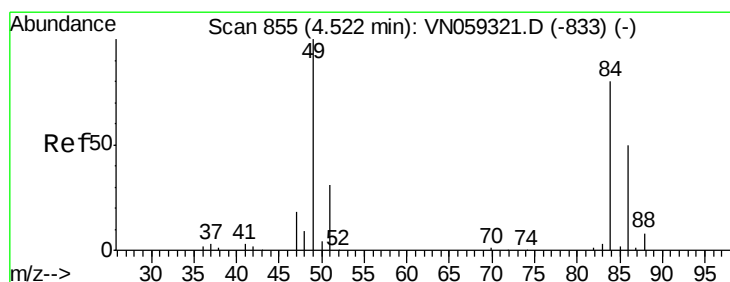
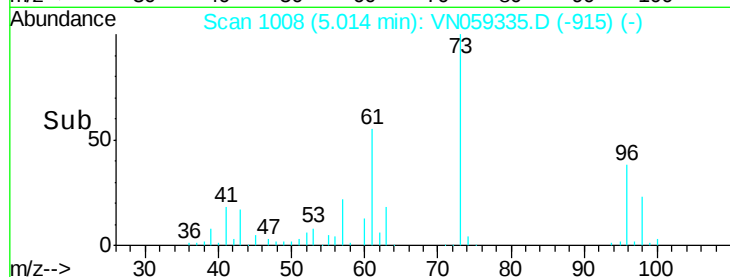
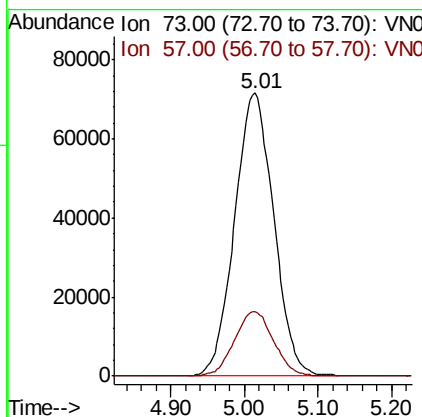
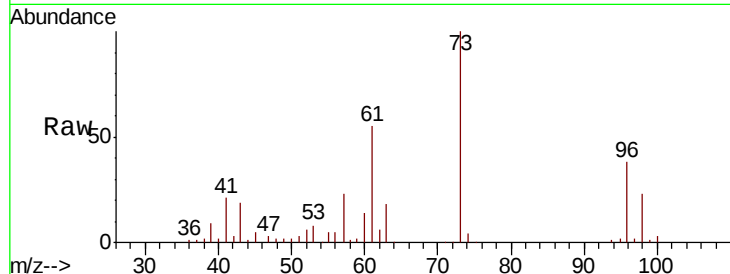
Methyl tert-butyl Ether
 Concen: 18.754 ug/l
 RT: 5.01 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion: 73 Resp: 264680
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.4 27.6

Manual Integrations
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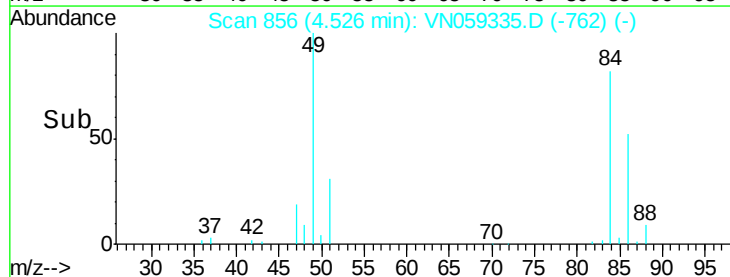
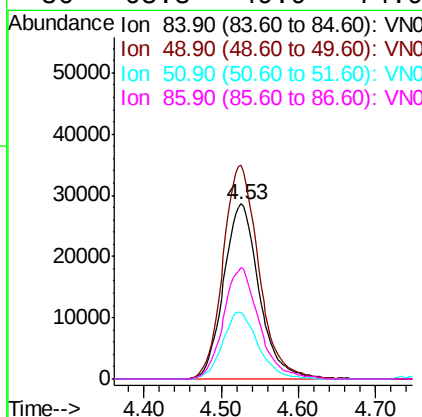
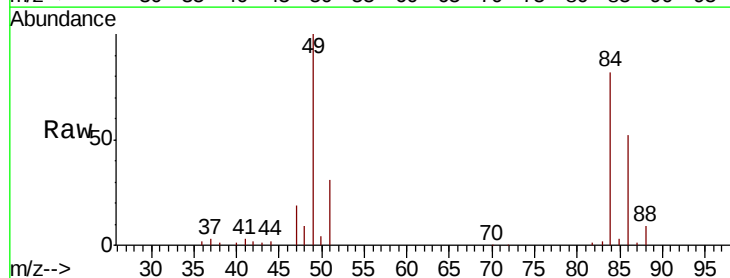
MMDadoda
 11/22/2019 3:12:14 PM

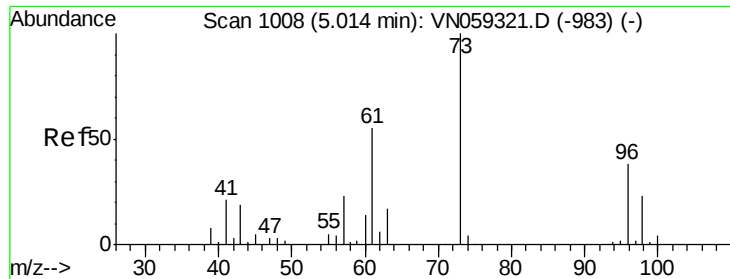


#20

Methylene Chloride
 Concen: 18.492 ug/l
 RT: 4.53 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion: 84 Resp: 90838
 Ion Ratio Lower Upper
 84 100
 49 121.9 99.5 149.3
 51 37.7 31.1 46.7
 86 63.3 49.9 74.9





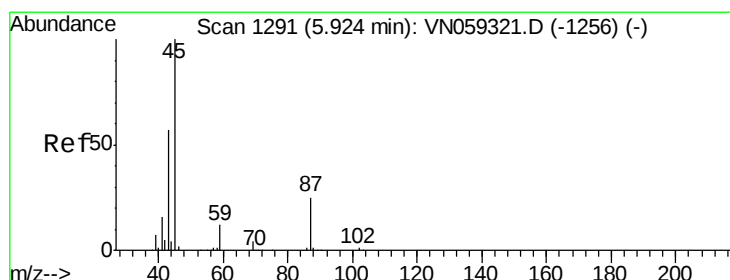
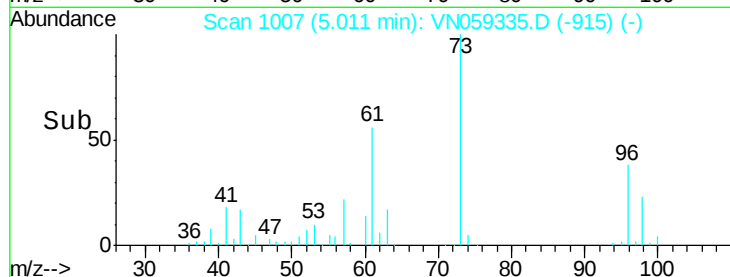
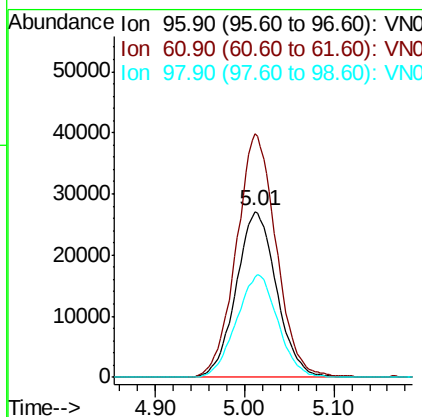
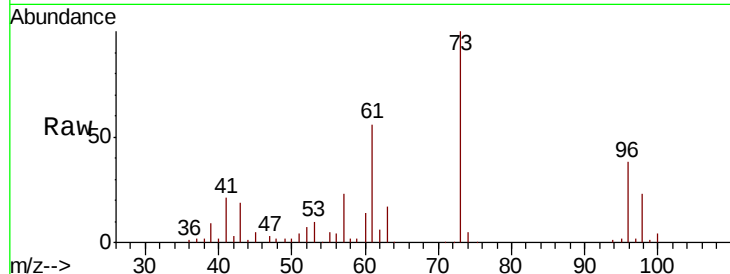
#21
trans-1,2-Dichloroethene
Concen: 18.434 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	116.4	174.6
98	60.3	49.6	74.4

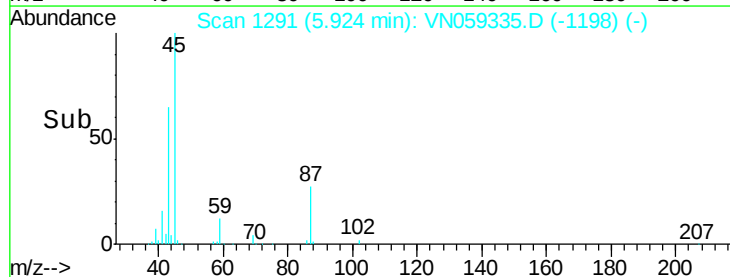
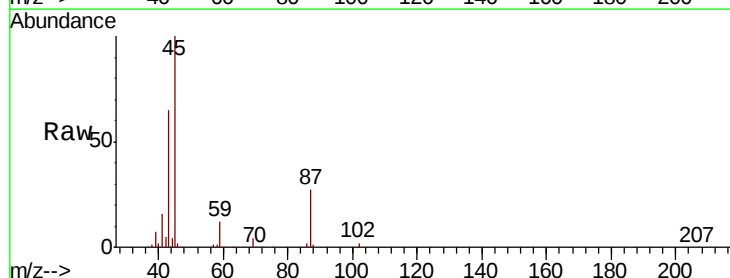
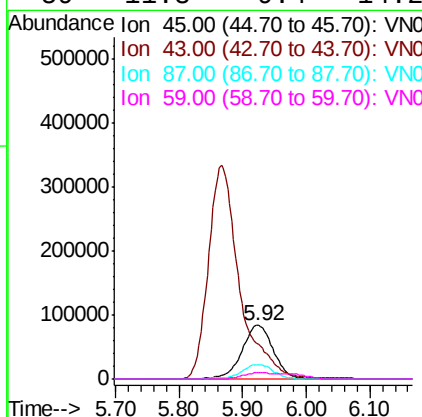
Manual Integrations
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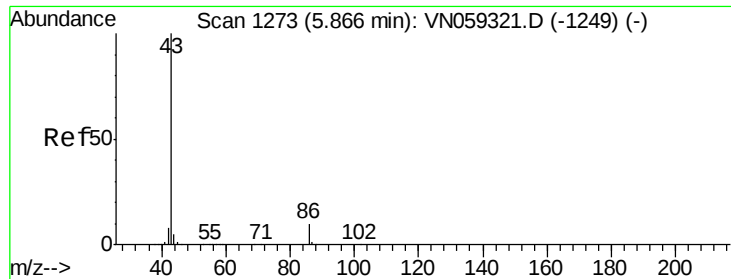
MMDadoda
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#22
Diisopropyl ether
Concen: 18.639 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	47.6	71.4
87	26.7	20.7	31.1
59	11.8	9.4	14.2





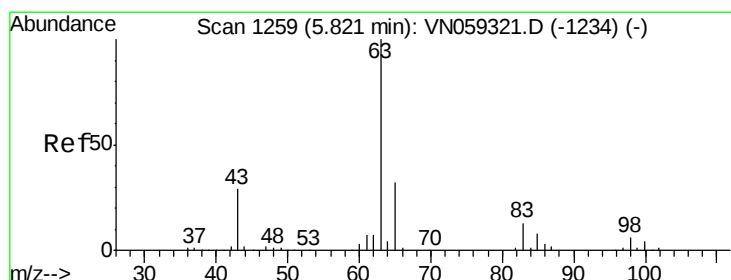
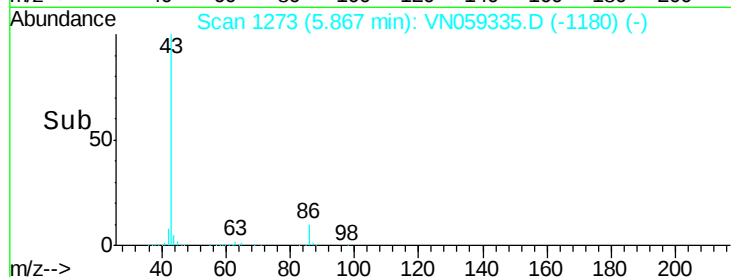
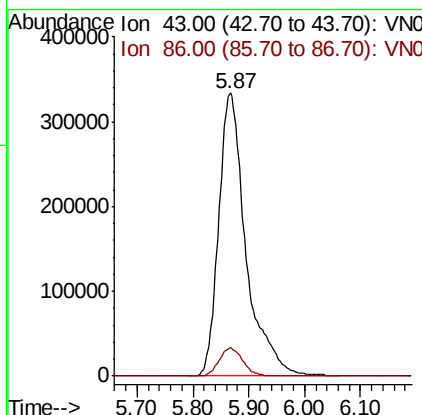
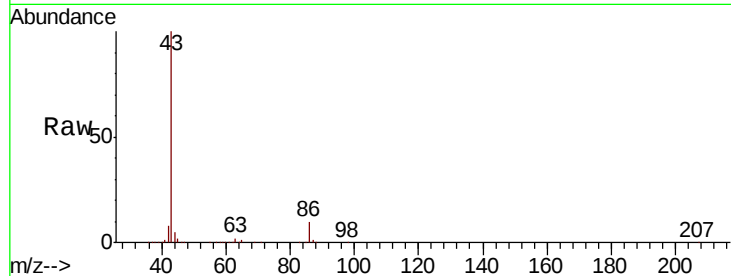
#23
 Vinyl Acetate
 Concen: 94.117 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion: 43 Resp: 1137493
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0

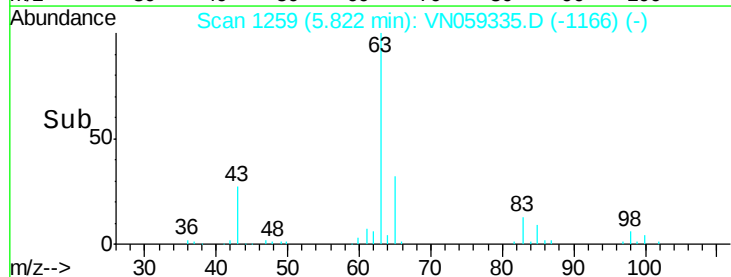
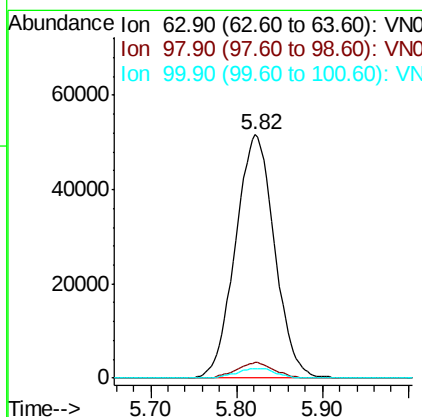
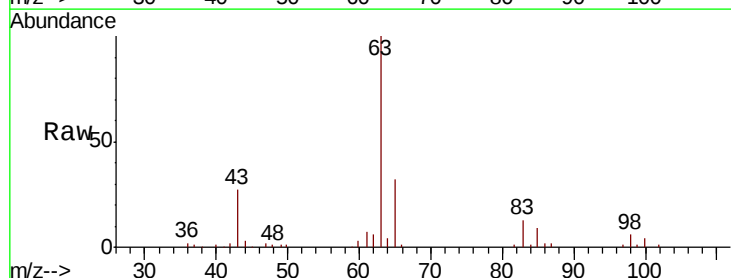
Manual Integrations
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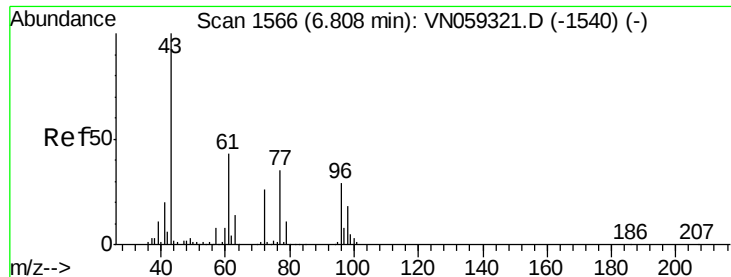
MMDadoda
 11/22/2019 3:12:14 PM



#24
 1,1-Dichloroethane
 Concen: 18.868 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion: 63 Resp: 163222
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 3.7 1.9 5.7





#25

2-Butanone

Concen: 94.031 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 43 Resp: 318472

Ion Ratio Lower Upper

43 100

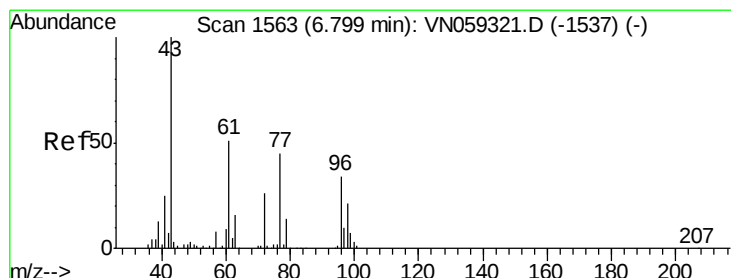
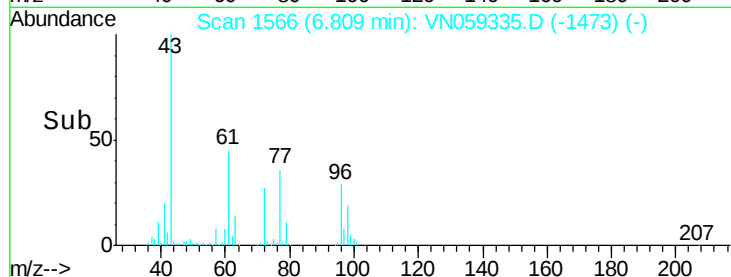
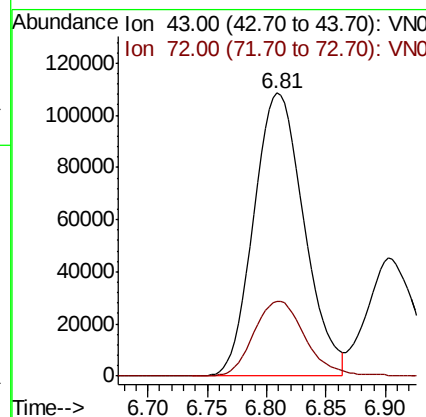
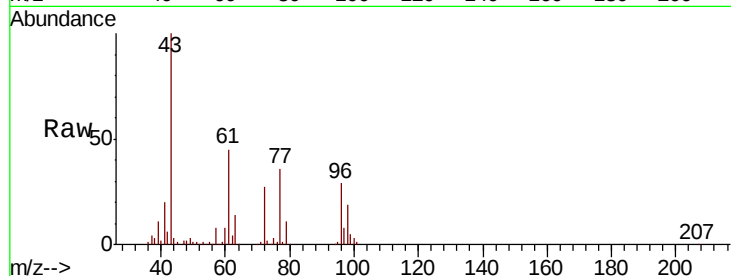
72 26.5 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 18.302 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059335.D

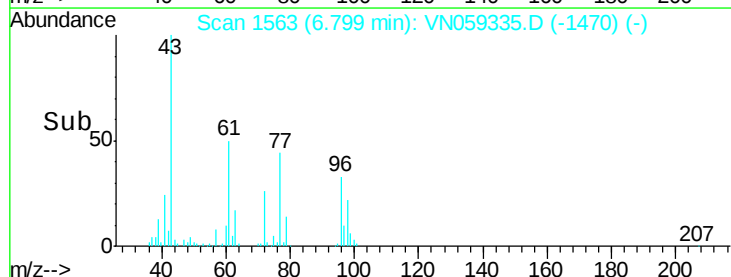
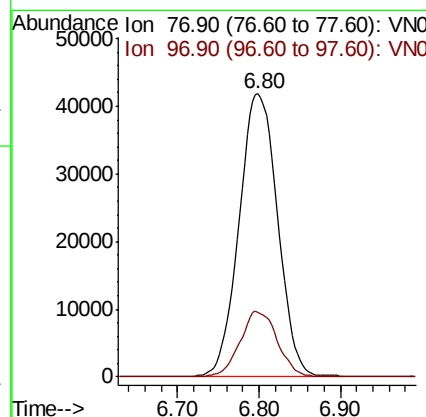
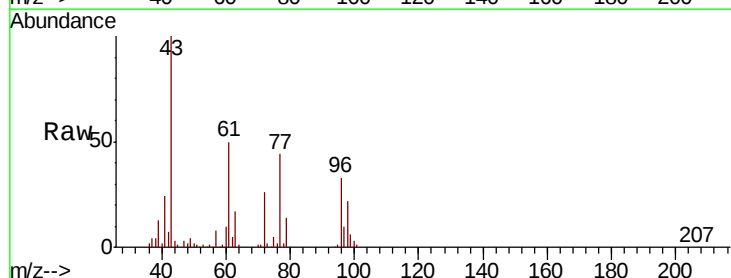
Acq: 21 Nov 2019 15:06

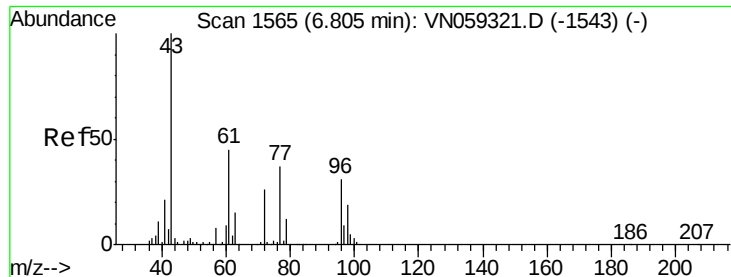
Tgt Ion: 77 Resp: 137098

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 18.313 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

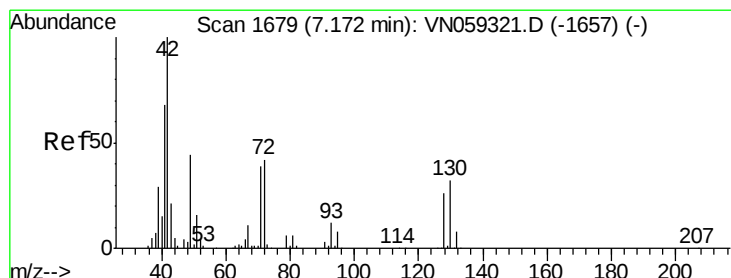
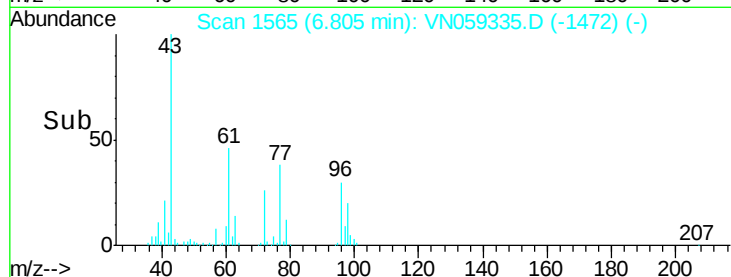
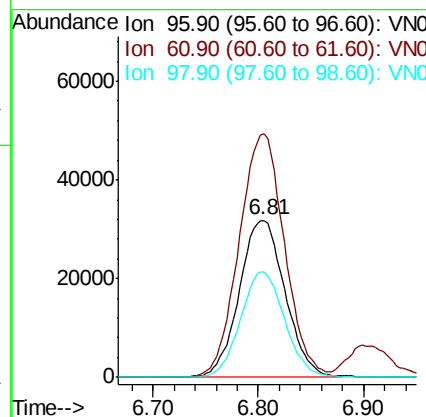
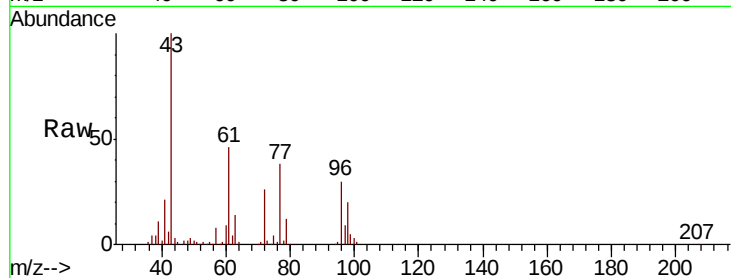
ClientSampleId :

VN1121WBS02

Tot Ion:	96	Resp:	95683
Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	304.0
98	65.1	0.0	128.4

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#28

Bromochloromethane

Concen: 20.070 ug/l

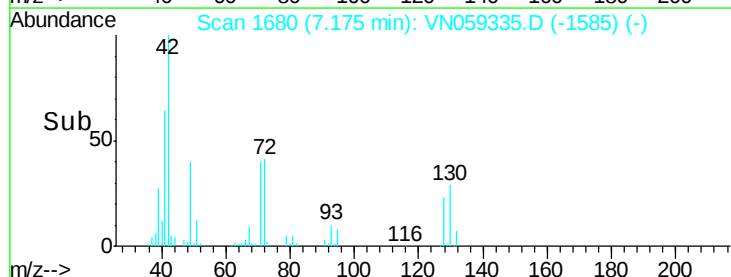
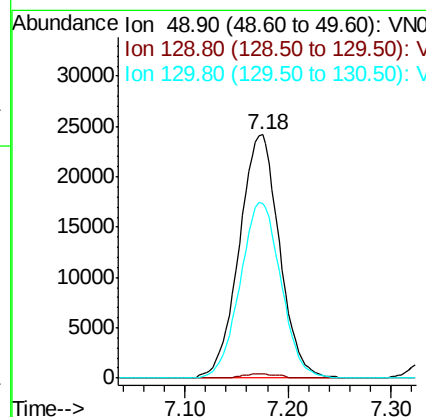
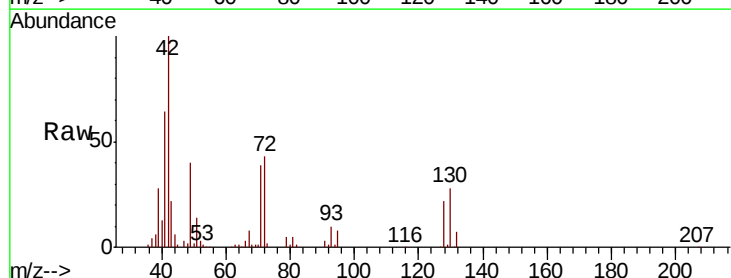
RT: 7.18 min Scan# 1680

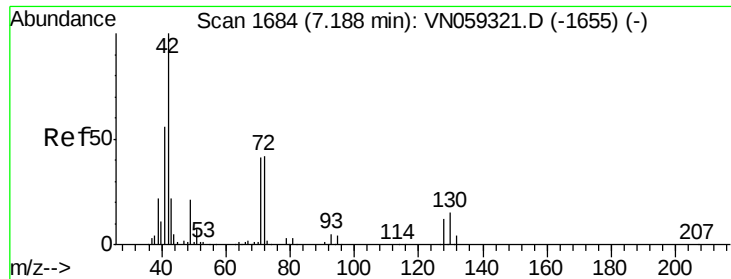
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	49	Resp:	65519
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	73.3	57.0	85.6





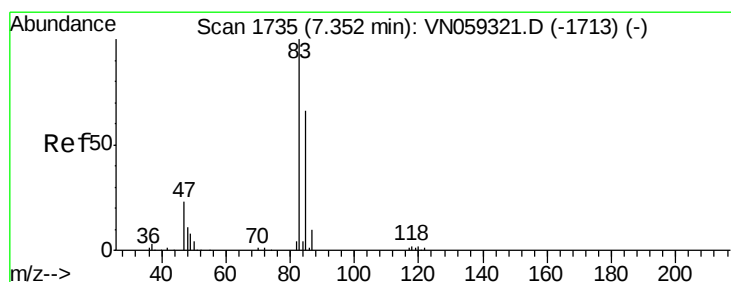
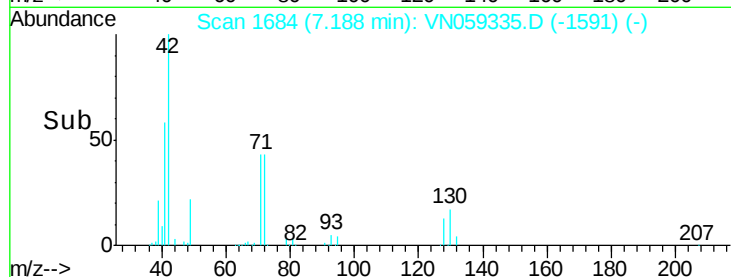
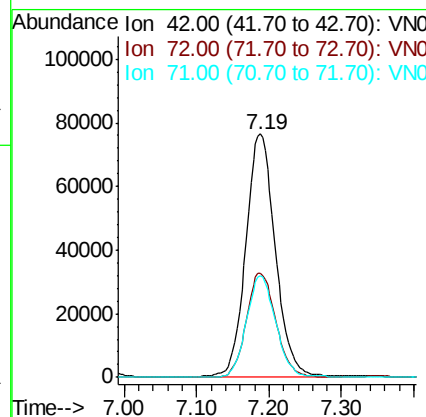
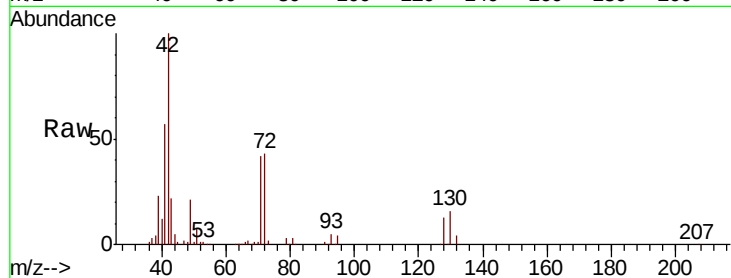
#29
Tetrahydrofuran
Concen: 93.001 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.2	51.2
71	41.1	32.6	48.8

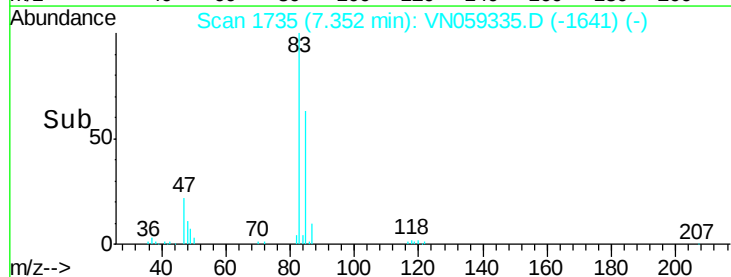
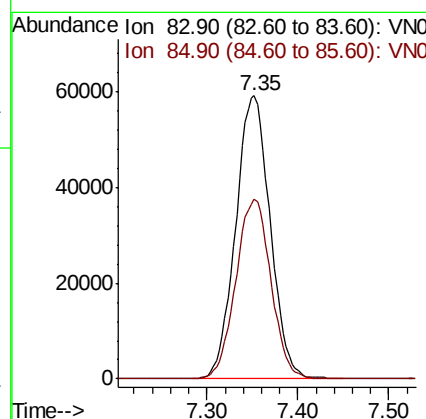
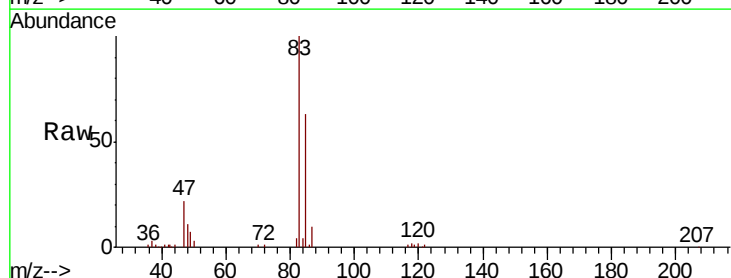
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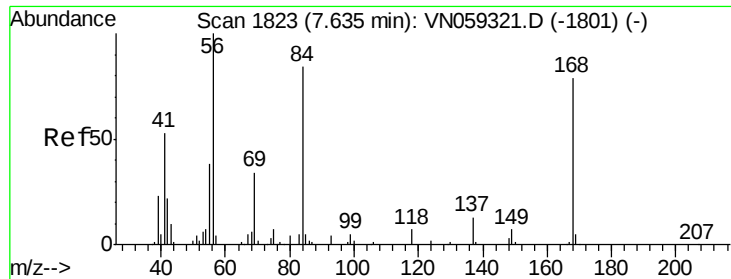
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#30
Chloroform
Concen: 18.485 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.7	79.1





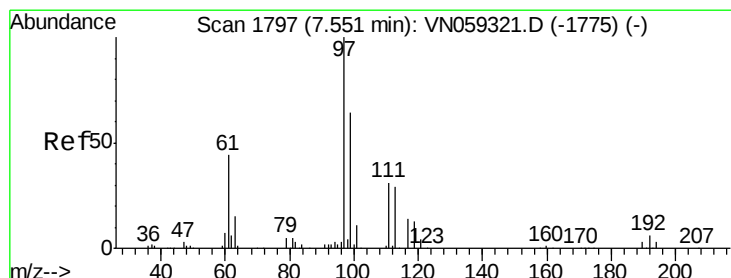
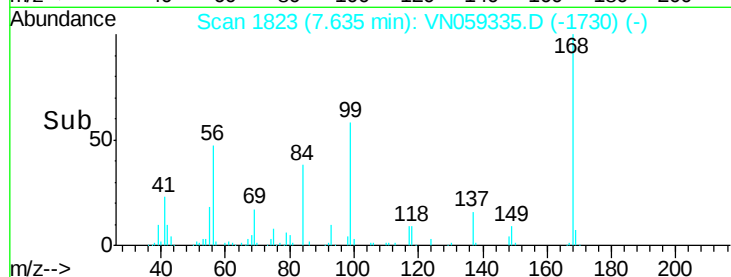
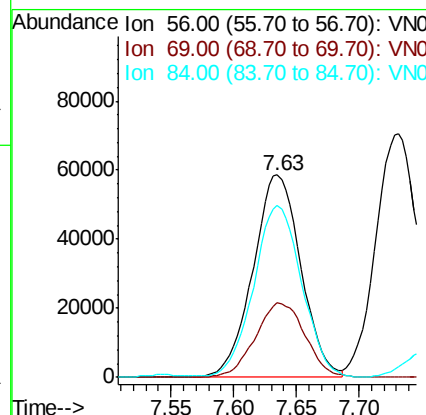
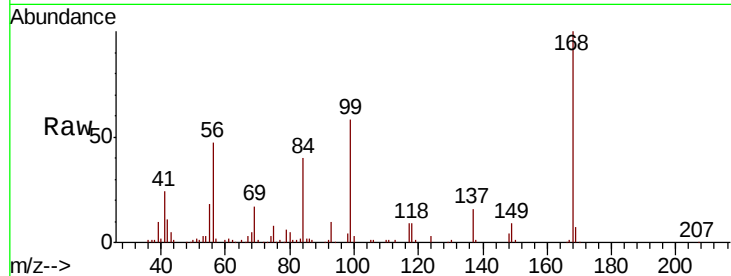
#31
Cyclohexane
Concen: 18.246 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	26.6	40.0
84	84.0	67.0	100.4

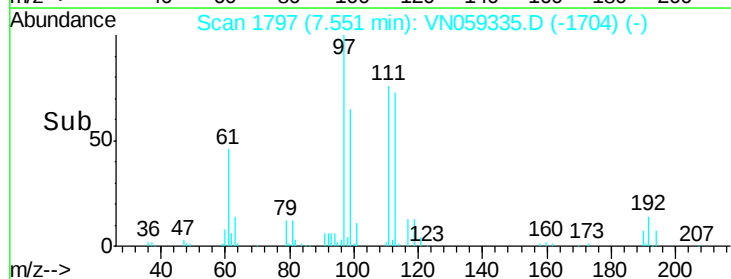
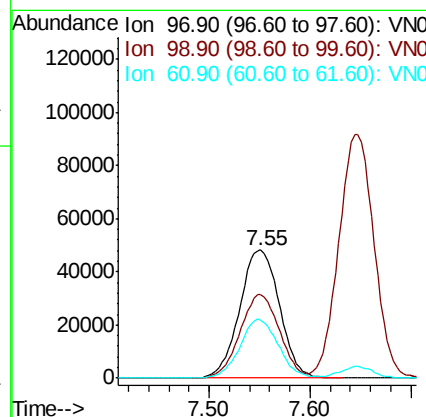
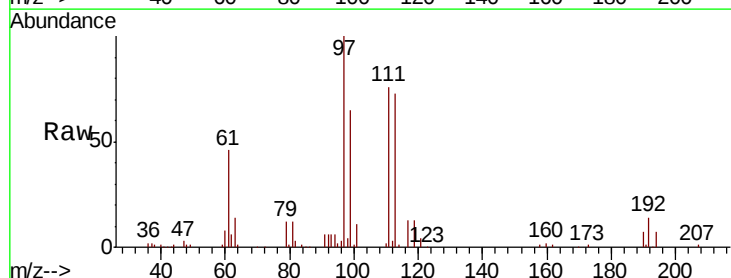
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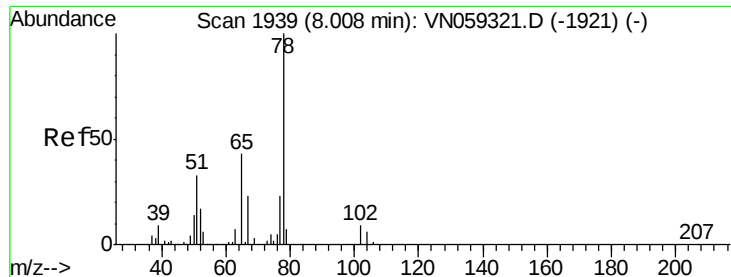
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#32
1,1,1-Trichloroethane
Concen: 18.300 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	44.6	35.3	52.9





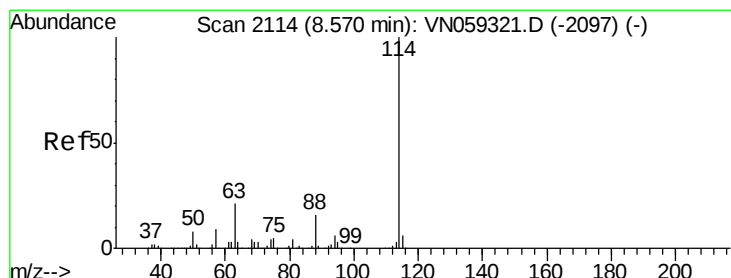
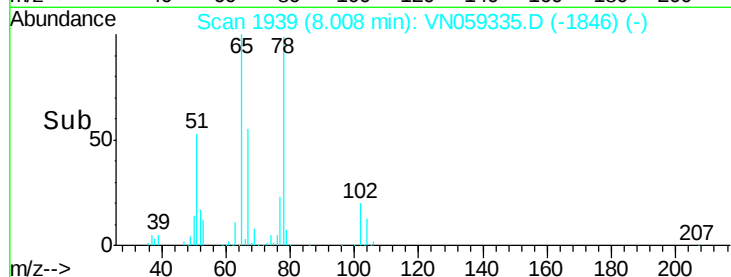
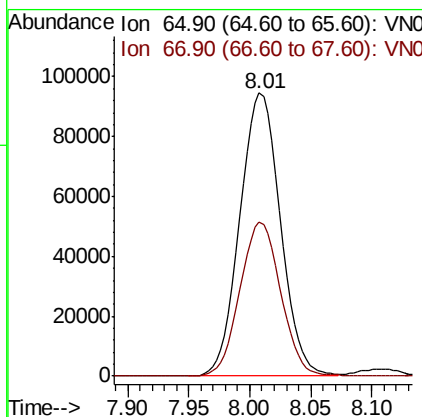
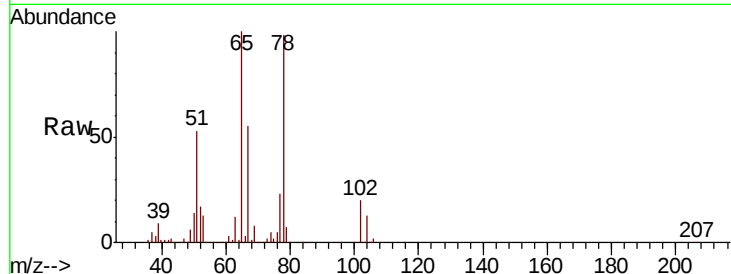
#33
 1,2-Dichloroethane-d4
 Concen: 44.770 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217479		
67	54.8	0.0	109.4	

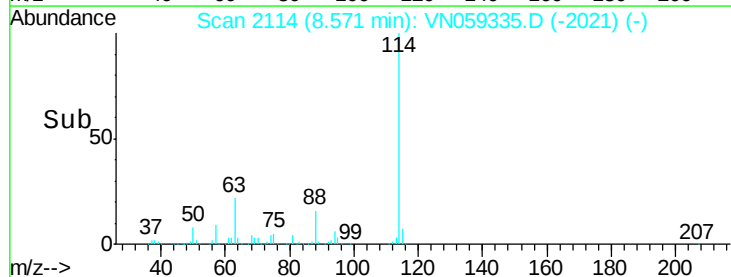
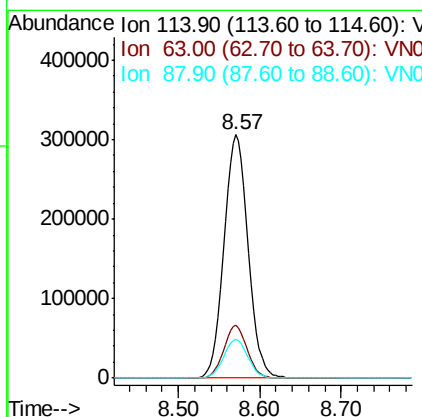
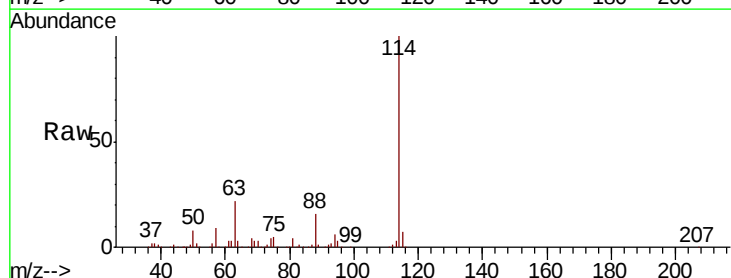
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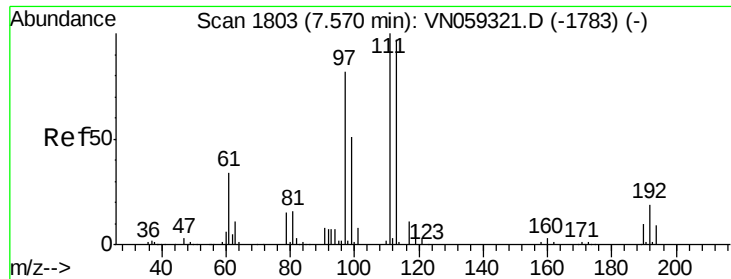
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	640191		
63	21.5	0.0	42.2	
88	15.9	0.0	32.2	





#35

Dibromofluoromethane

Concen: 44.799 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

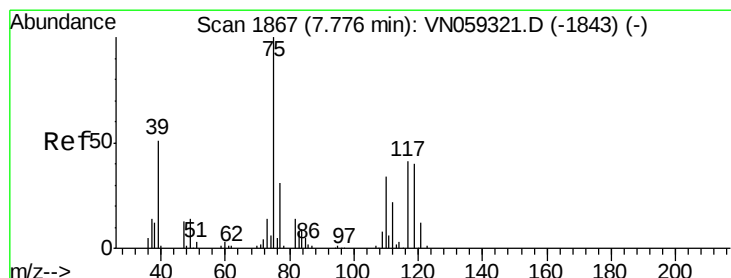
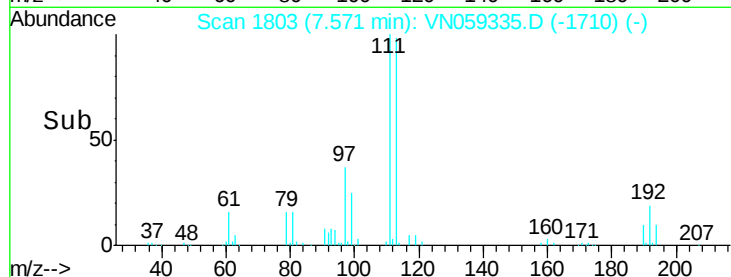
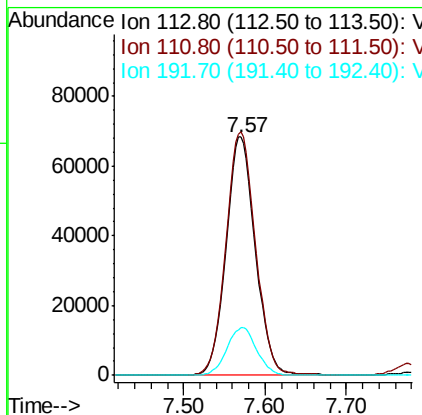
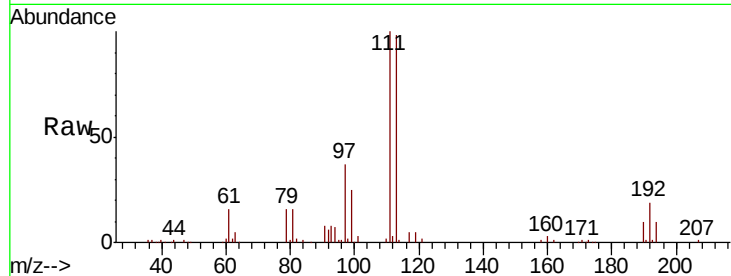
ClientSampleId :

VN1121WBS02

Tot Ion:	113	Resp:	172064
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.7	124.1
192	20.4	16.3	24.5

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#36

1,1-Dichloropropene

Concen: 18.448 ug/l

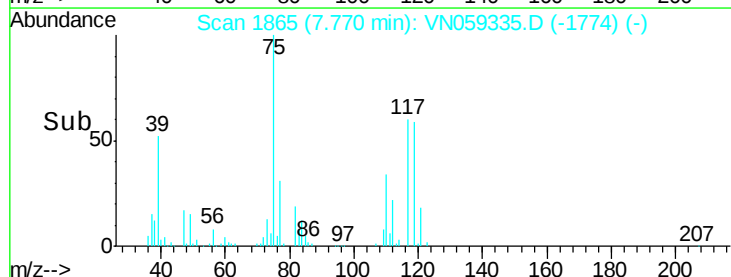
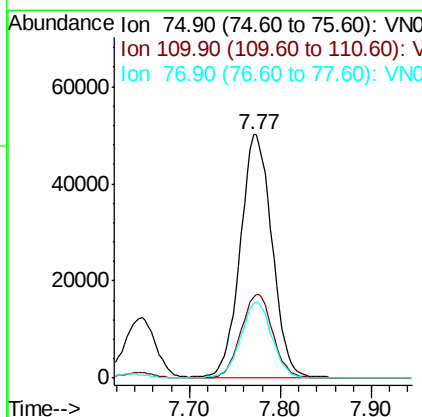
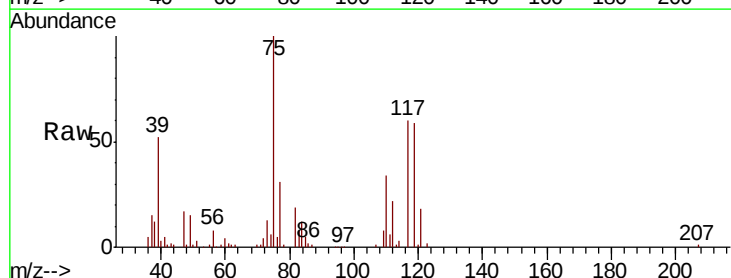
RT: 7.77 min Scan# 1865

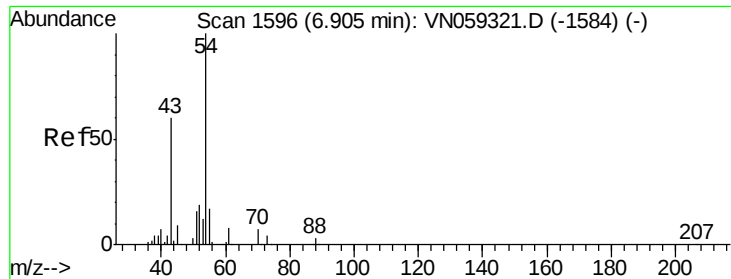
Delta R.T. -0.01 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	75	Resp:	121921
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.0	51.0
77	30.9	24.8	37.2





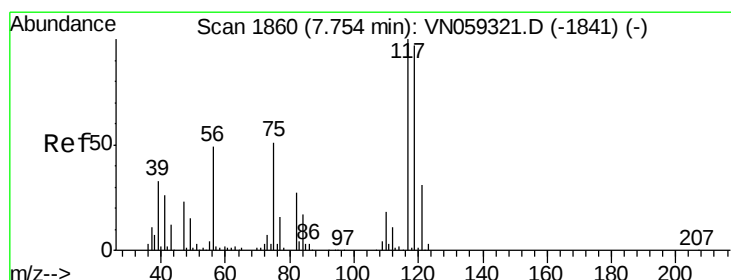
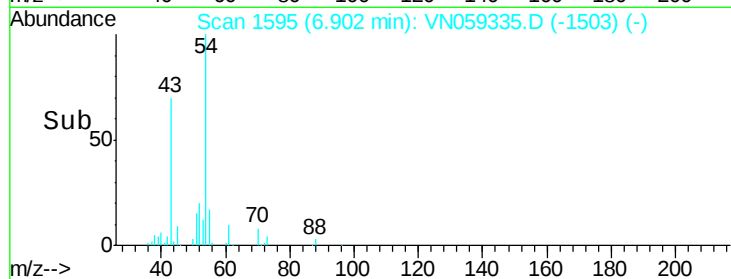
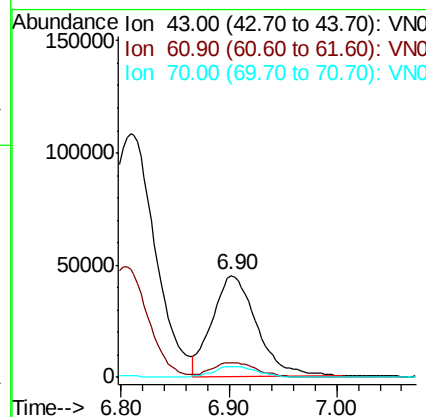
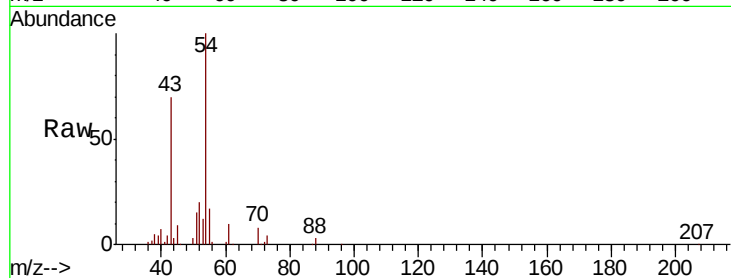
#37
Ethyl Acetate
Concen: 17.988 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.6
70	11.0	8.8	13.2

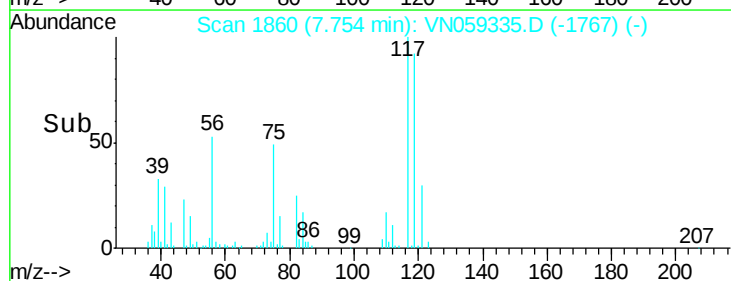
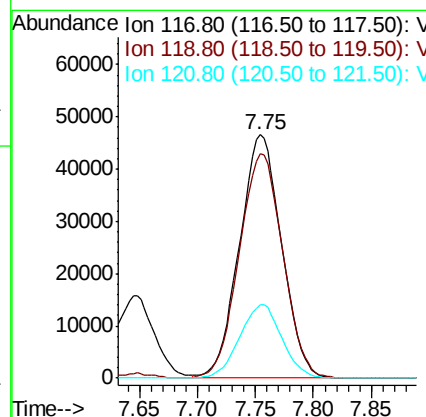
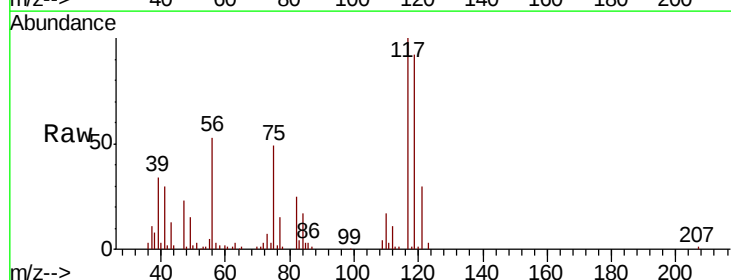
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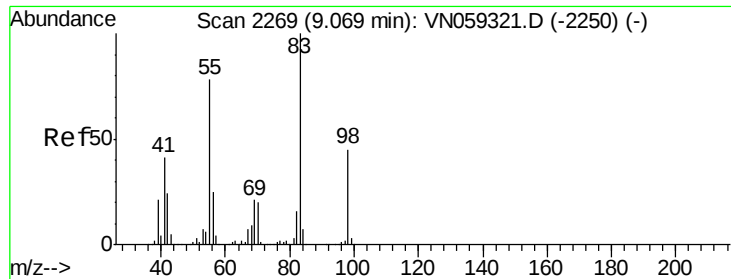
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#38
Carbon Tetrachloride
Concen: 18.629 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.0	115.4
121	30.0	24.4	36.6





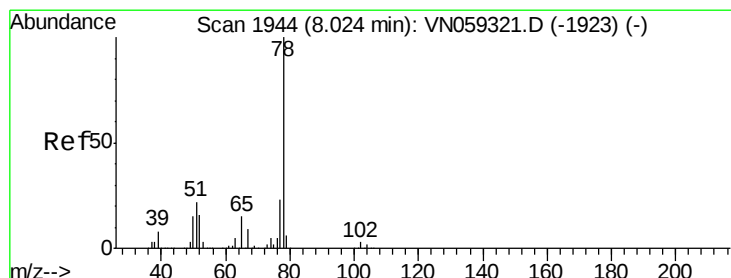
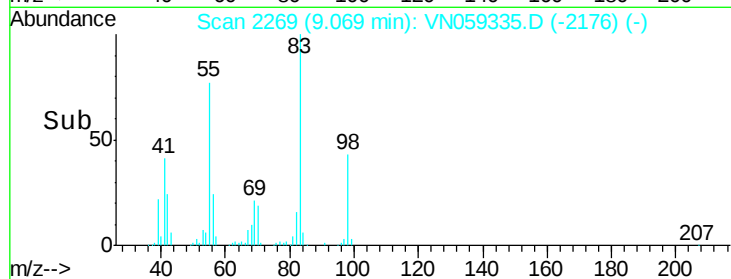
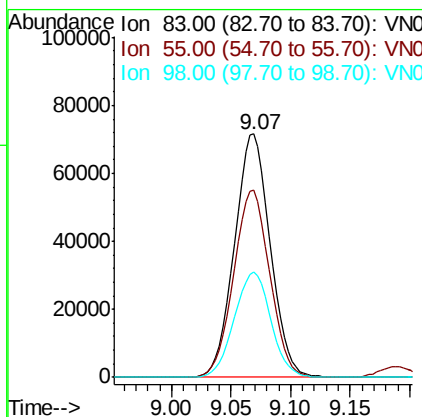
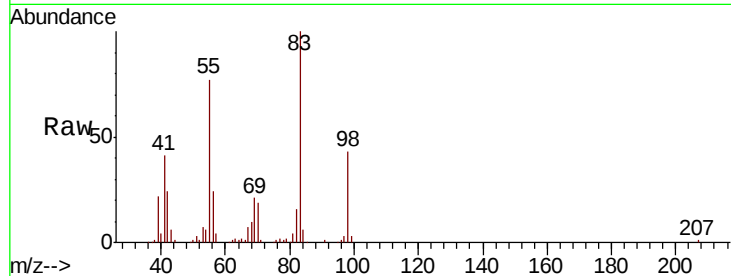
#39
Methvlcvclohexane
Concen: 18.713 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	149132		
55	76.8	62.3	93.5	
98	43.1	36.0	54.0	

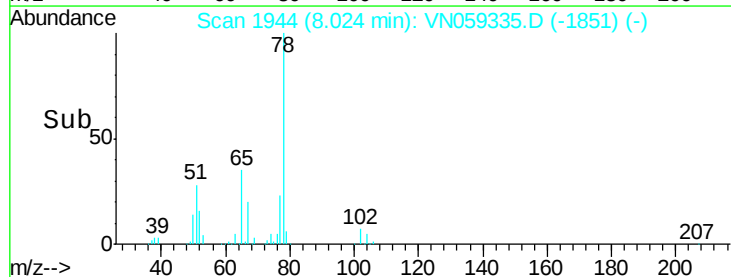
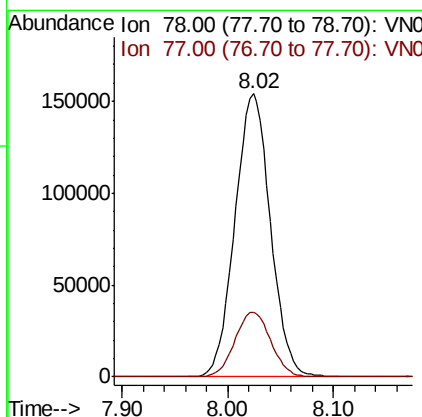
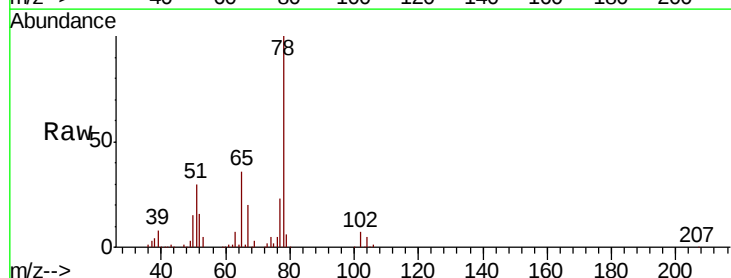
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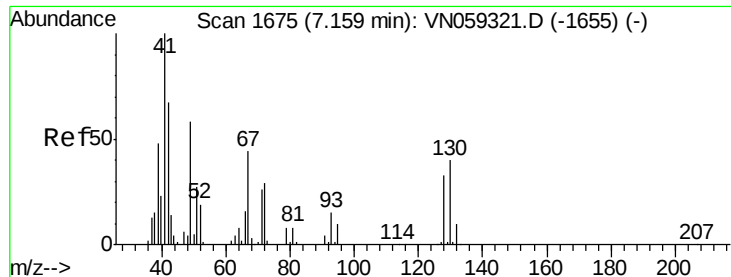
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#40
Benzene
Concen: 18.559 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	360000		
77	23.0	18.4	27.6	





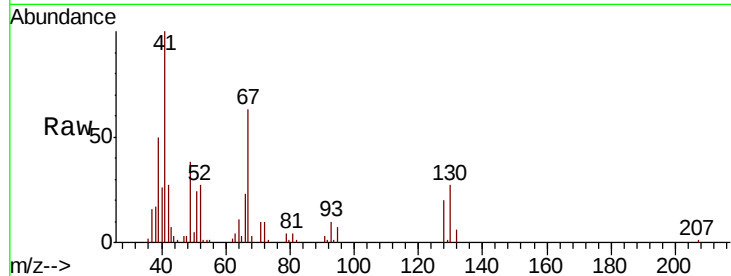
#41
Methacrylonitrile
Concen: 17.654 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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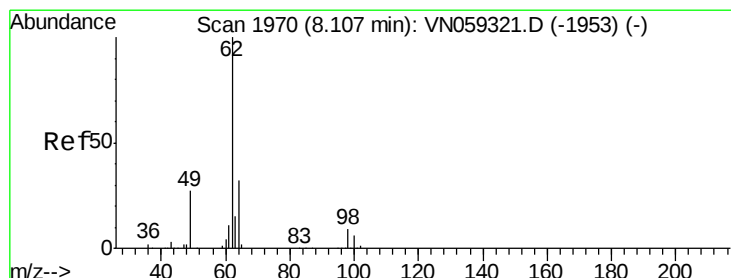
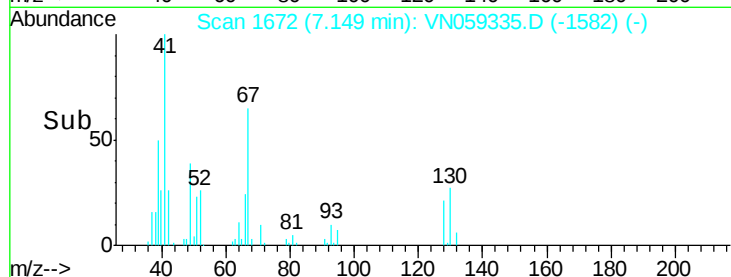
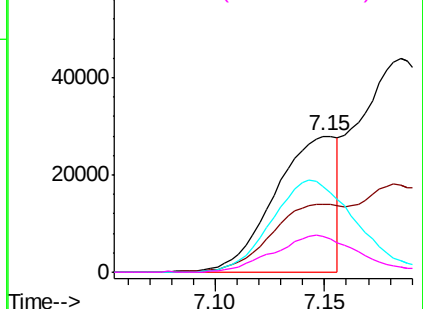


Abundance Ion 41.00 (40.70 to 41.70): VN059321.D (-1655) (-)

Ion 39.00 (38.70 to 39.70): VN059321.D (-1655) (-)

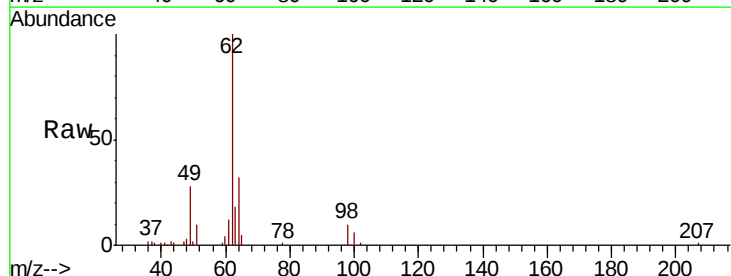
Ion 67.00 (66.70 to 67.70): VN059321.D (-1655) (-)

Ion 52.00 (51.70 to 52.70): VN059321.D (-1655) (-)



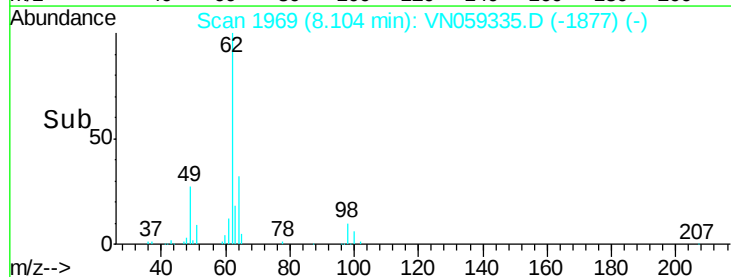
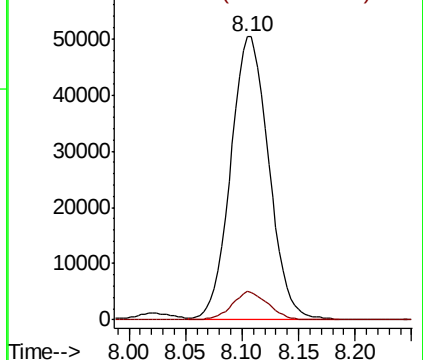
#42
1,2-Dichloroethane
Concen: 18.458 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

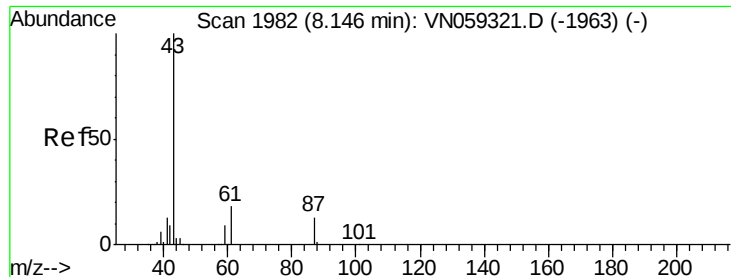
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VN059321.D (-1953) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-1953) (-)





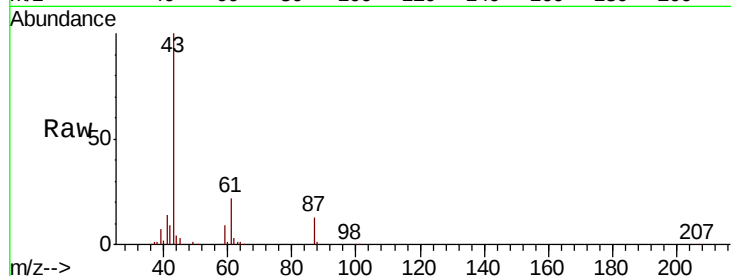
#43
Isopropyl Acetate
Concen: 18.270 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

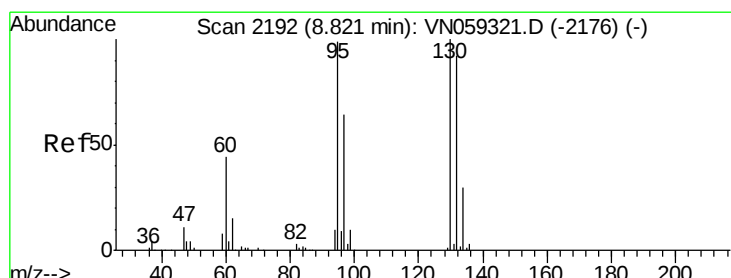
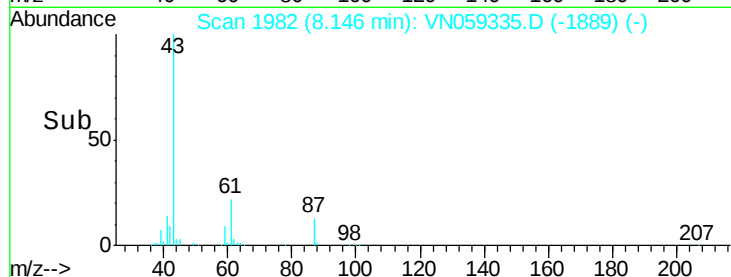
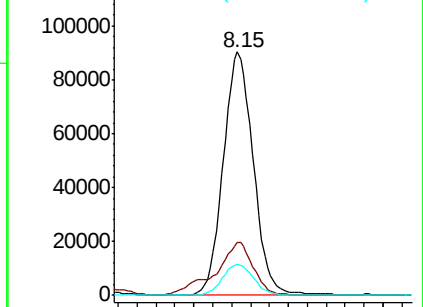
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.7	32.5
87	13.2	10.2	15.4

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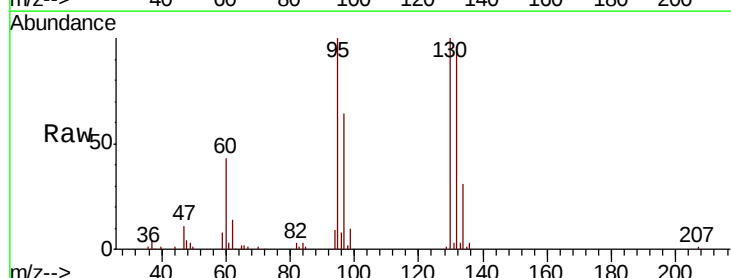


Abundance Ion 43.00 (42.70 to 43.70): VN059335.D (-1889) (-)
Ion 61.00 (60.70 to 61.70): VN059335.D (-1889) (-)
Ion 87.00 (86.70 to 87.70): VN059335.D (-1889) (-)

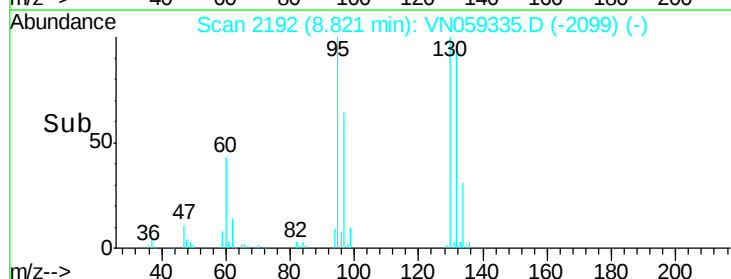
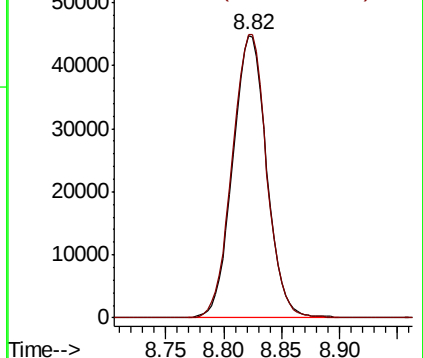


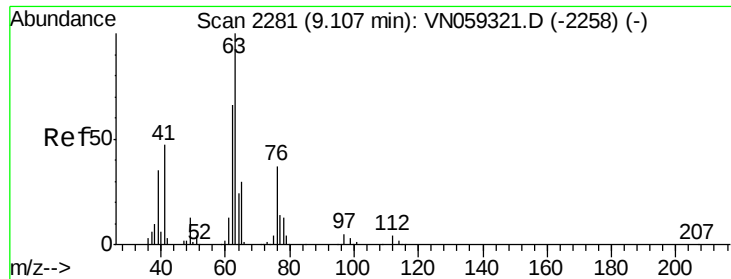
#44
Trichloroethene
Concen: 18.497 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059335.D (-2099) (-)
Ion 94.90 (94.60 to 95.60): VN059335.D (-2099) (-)





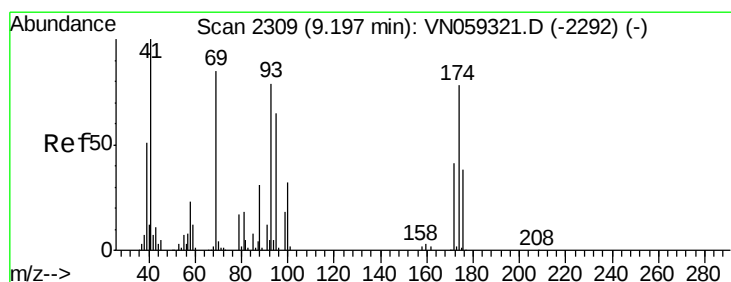
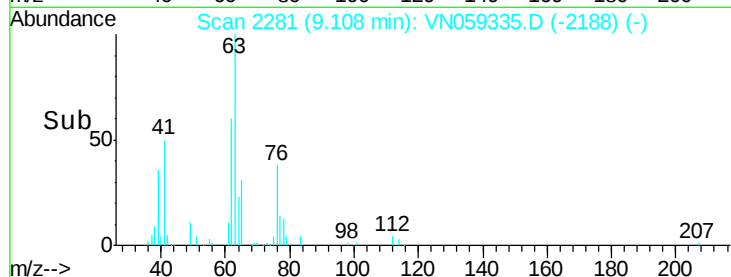
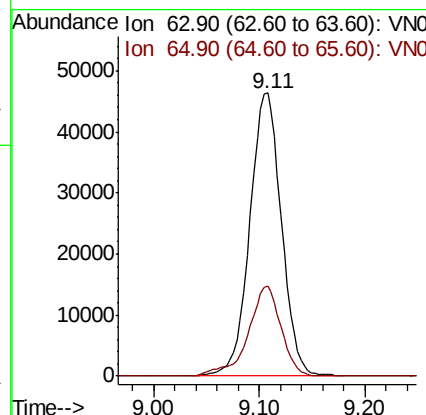
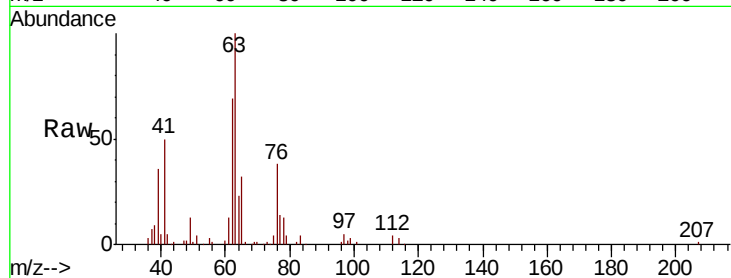
#45
 1,2-Dichloropropane
 Concen: 18.728 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.9	35.9

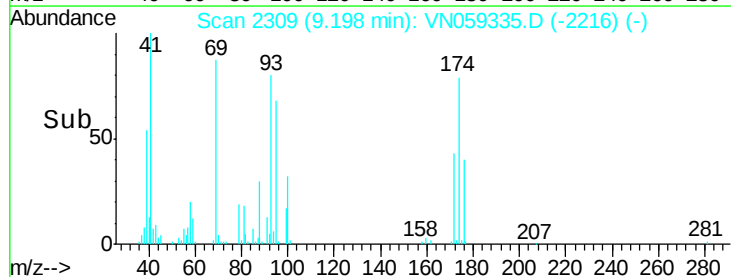
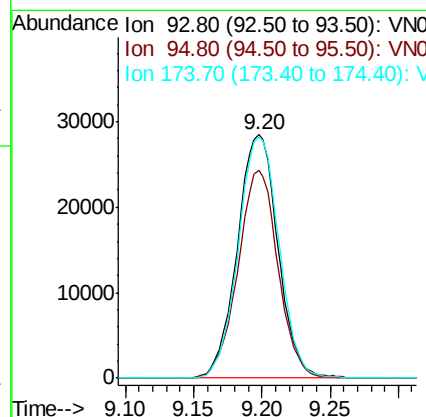
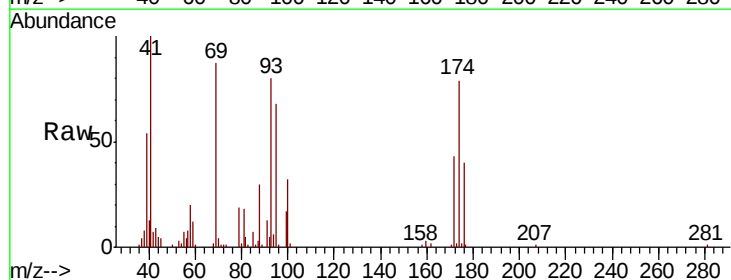
Manual Integrations
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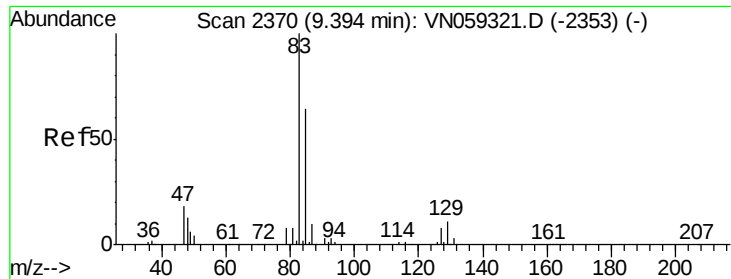
MMDadoda
 11/22/2019 3:12:14 PM



#46
 Dibromomethane
 Concen: 18.562 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.9	100.3
174	99.3	80.6	120.8





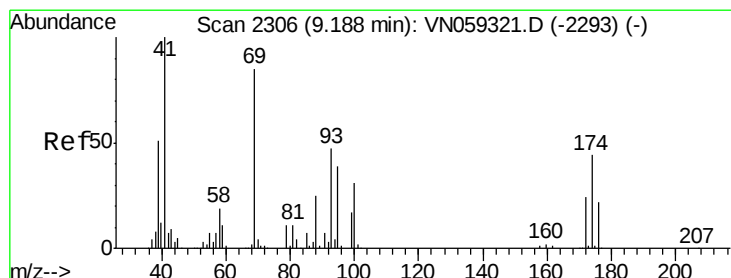
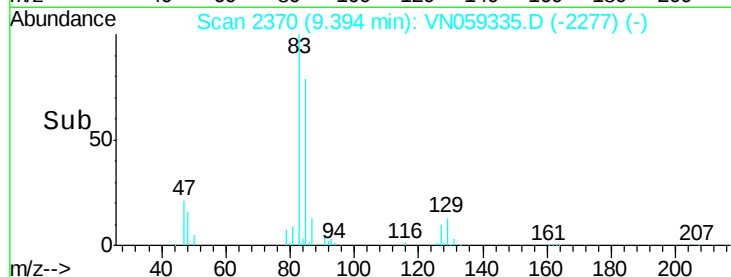
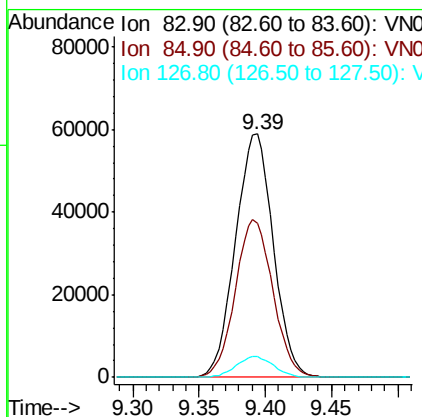
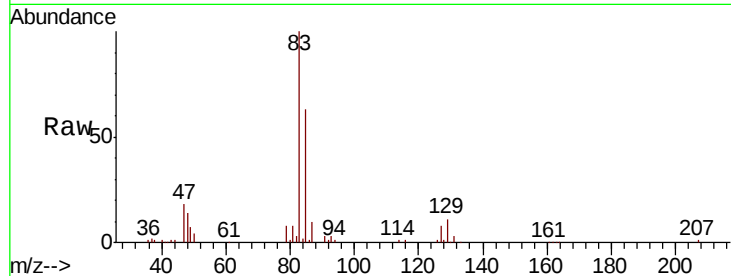
#47
Bromodichloromethane
Concen: 18.398 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	83	Resp	116902
Ion Ratio	100		
83	100		
85	63.2	51.5	77.3
127	8.4	6.6	10.0

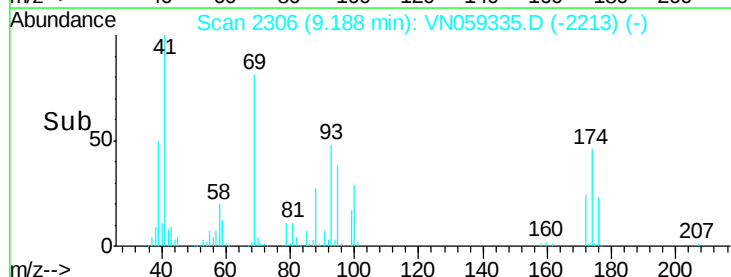
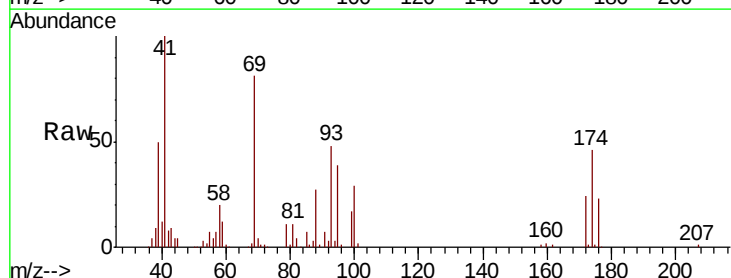
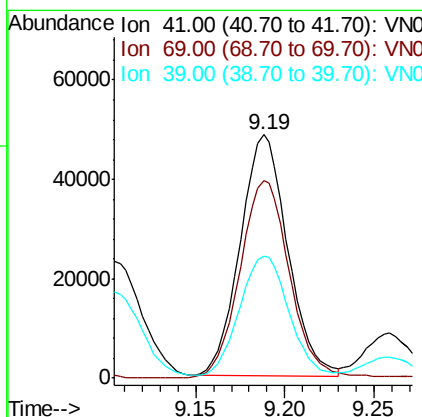
Manual Integrations
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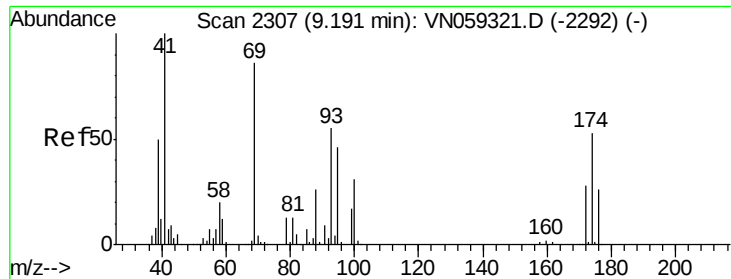
MMDadoda
11/22/2019 3:12:14 PM



#48
Methyl methacrylate
Concen: 18.266 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	41	Resp	90168
Ion Ratio	100		
41	100		
69	86.3	68.8	103.2
39	53.9	42.1	63.1





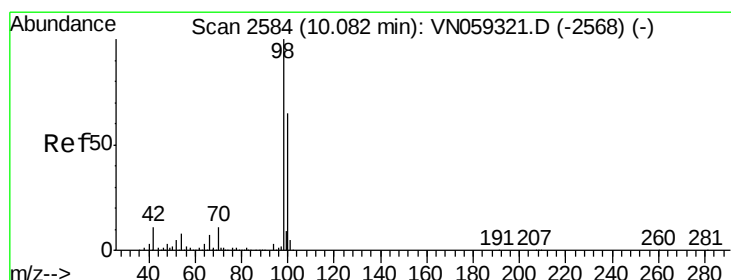
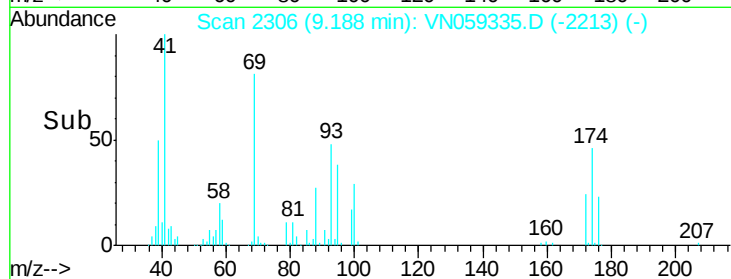
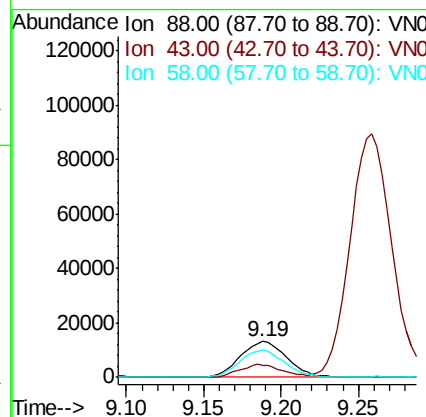
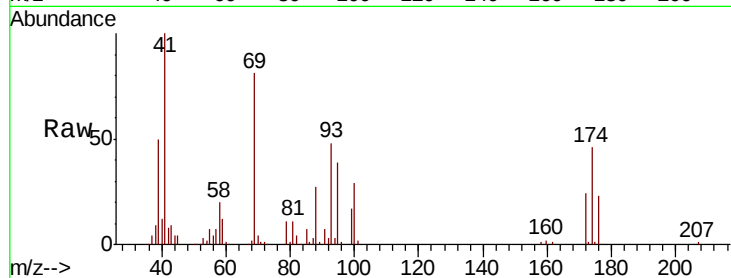
#49
1,4-Dioxane
Concen: 371.413 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.9	40.3
58	72.9	59.2	88.8

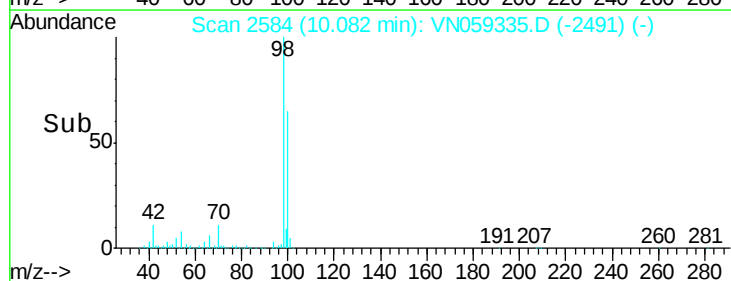
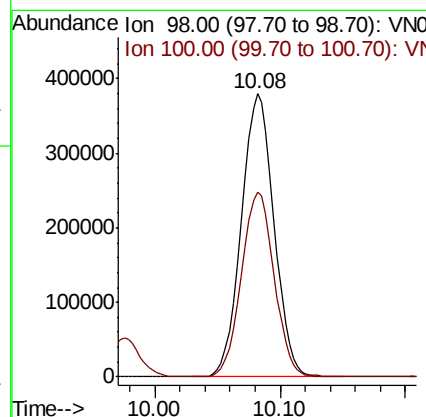
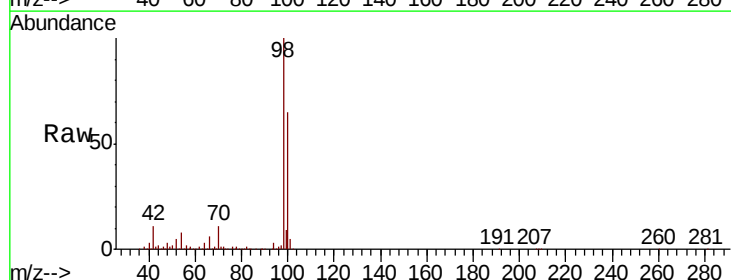
Manual Integrations
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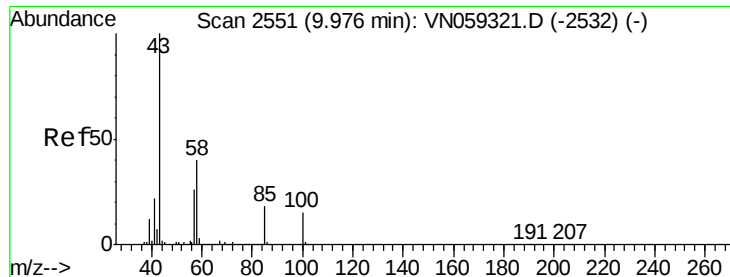
MMDadoda
11/22/2019 3:12:14 PM



#50
Toluene-d8
Concen: 44.968 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 98.866 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 43 Resp: 628174

Ion Ratio Lower Upper

43 100

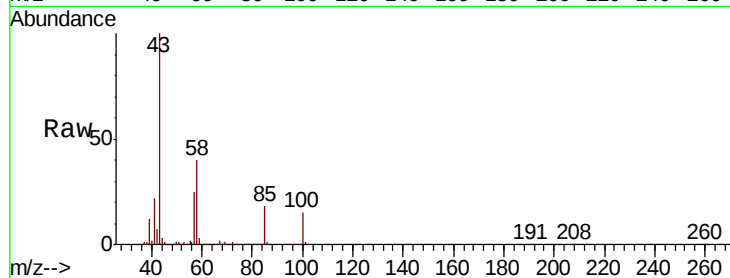
58 40.3 31.8 47.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-2532) (-)

9.98

400000

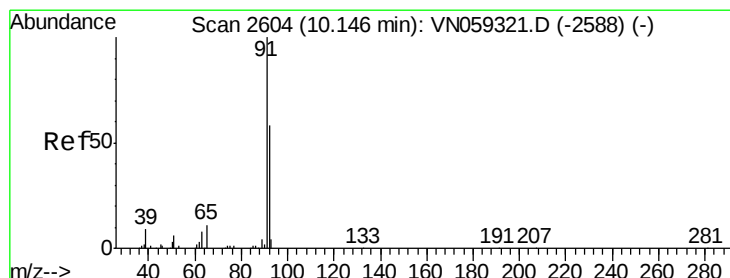
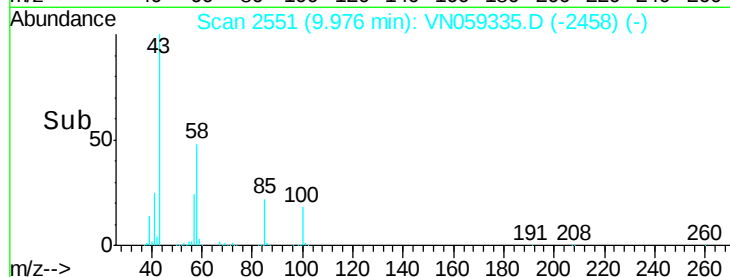
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.796 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059335.D

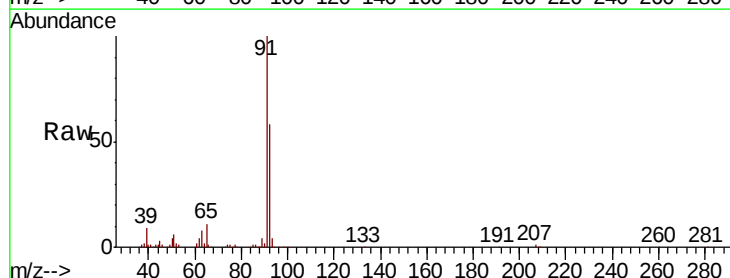
Acq: 21 Nov 2019 15:06

Tgt Ion: 92 Resp: 219230

Ion Ratio Lower Upper

92 100

91 173.6 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN059321.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059321.D (-2588) (-)

10.15

200000

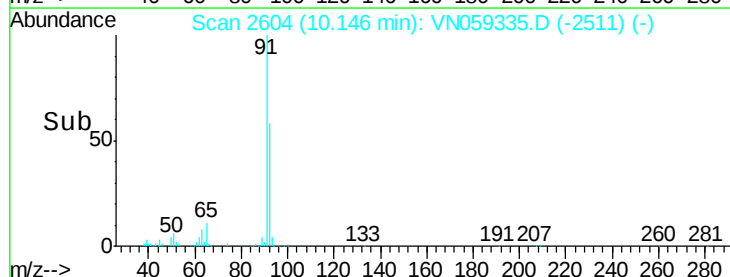
150000

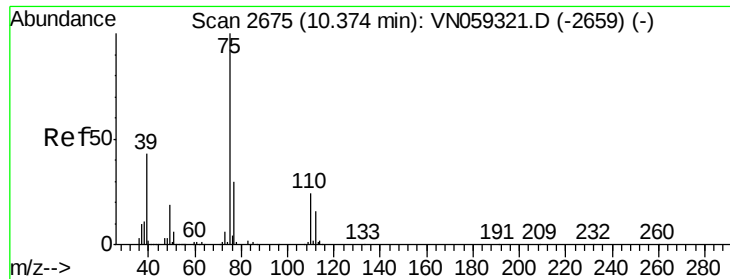
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.477 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 75 Resp: 136475

Ion Ratio Lower Upper

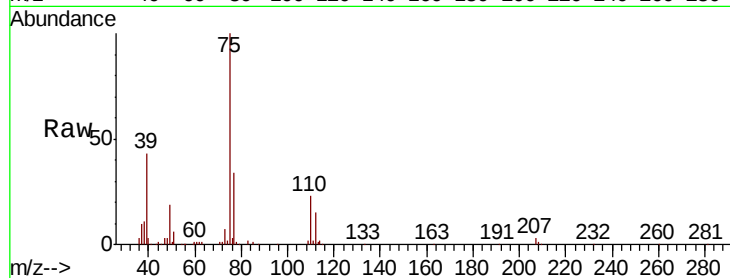
75 100

77 32.8 25.5 38.3

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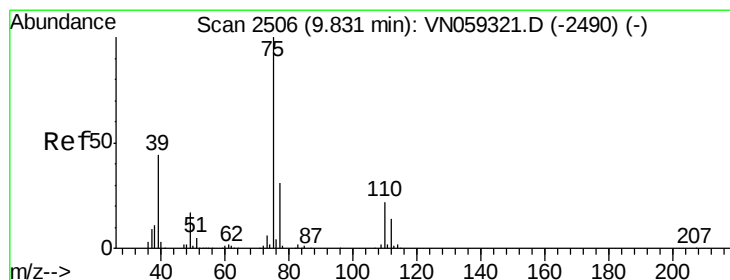
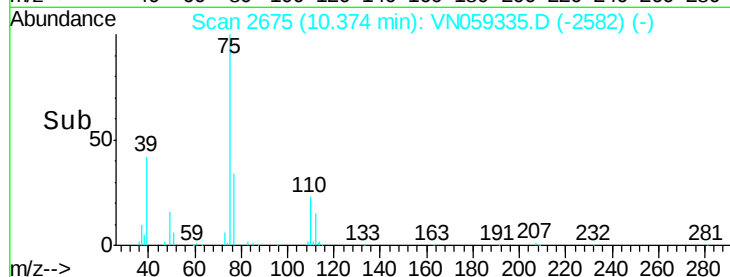
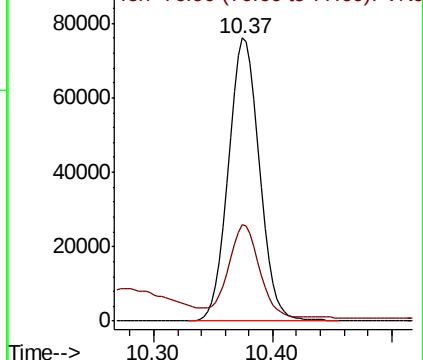
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.654 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

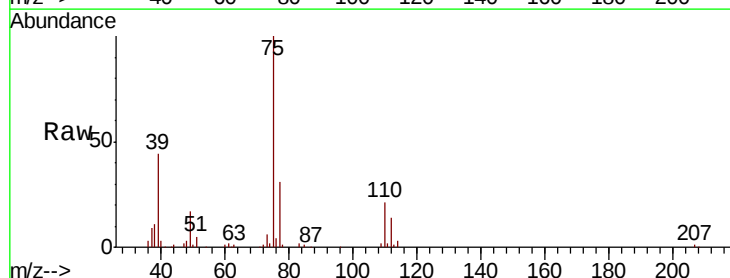
Tgt Ion: 75 Resp: 149509

Ion Ratio Lower Upper

75 100

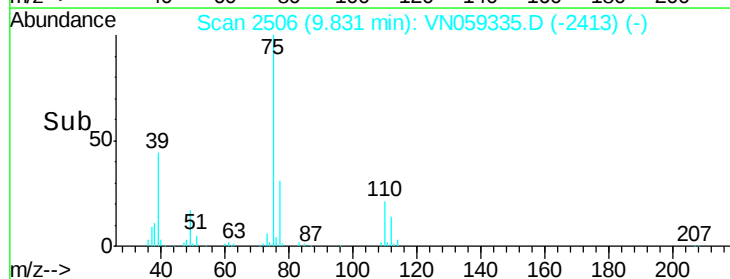
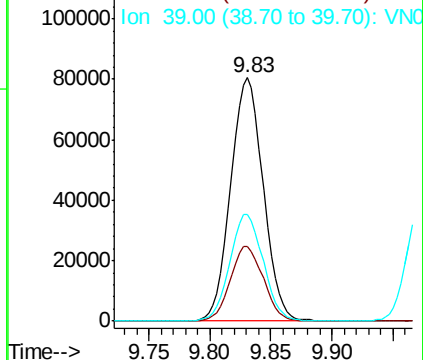
77 30.8 25.0 37.4

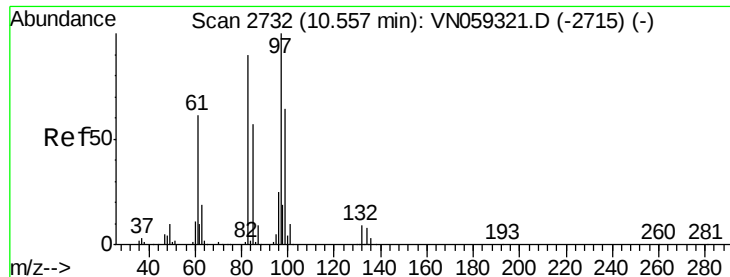
39 44.1 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





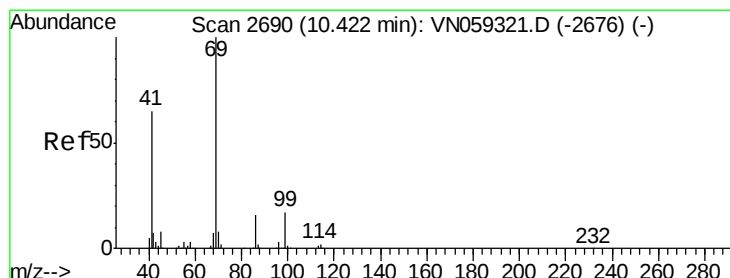
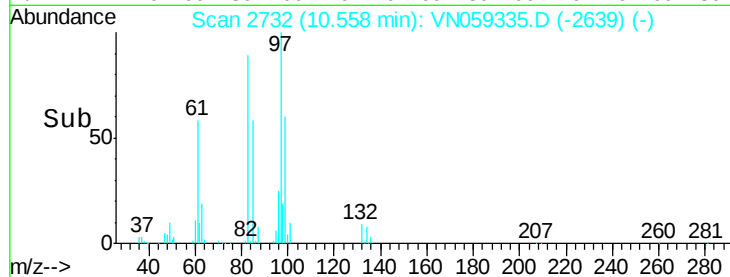
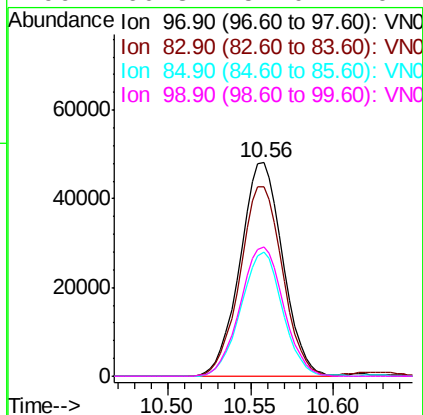
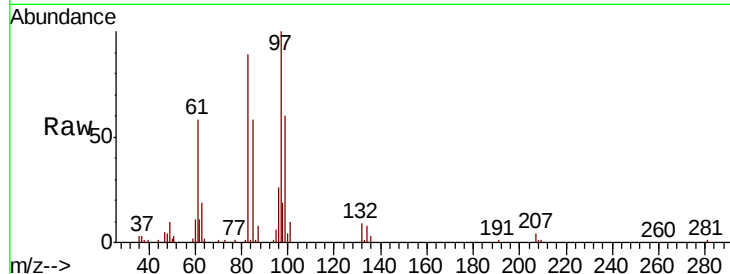
#55
 1,1,2-Trichloroethane
 Concen: 19.135 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion:	97	Resp:	86772
Ion	Ratio	Lower	Upper
97	100		
83	88.8	72.0	108.0
85	58.4	45.8	68.6
99	60.3	51.0	76.4

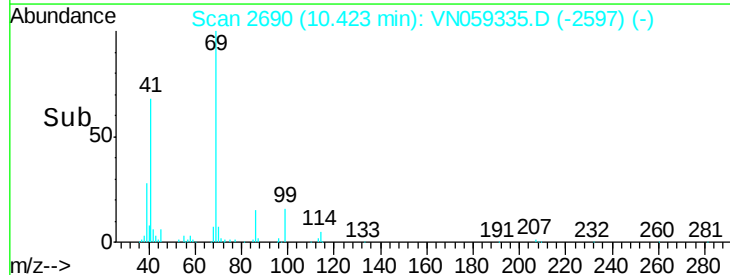
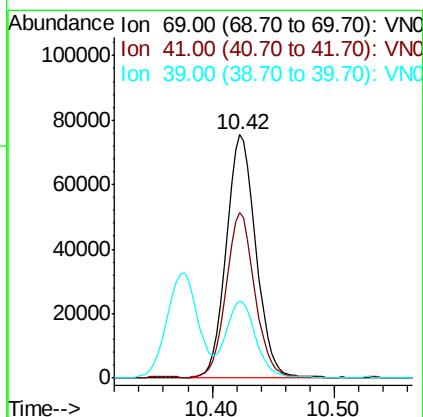
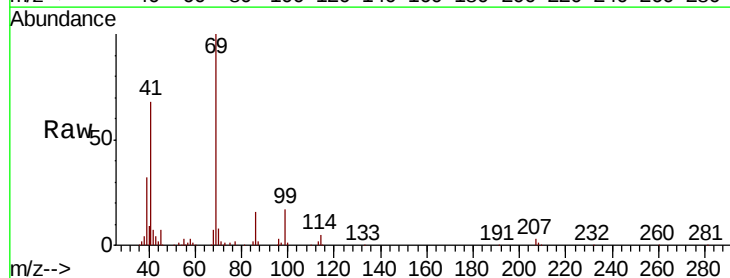
Manual Integrations
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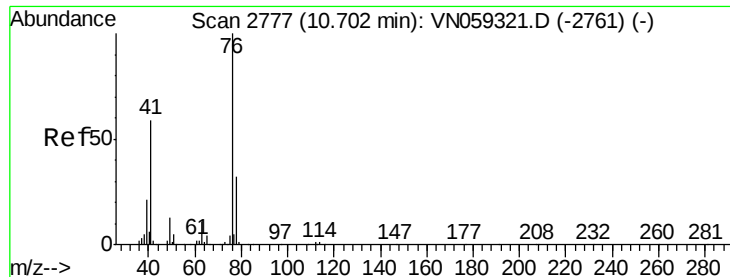
MMDadoda
 11/22/2019 3:12:14 PM



#56
 Ethyl methacrylate
 Concen: 18.251 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion:	69	Resp:	128628
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.7	77.5
39	31.8	25.2	37.8





#57

1,3-Dichloropropane

Concen: 19.103 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 76 Resp: 150990

Ion Ratio Lower Upper

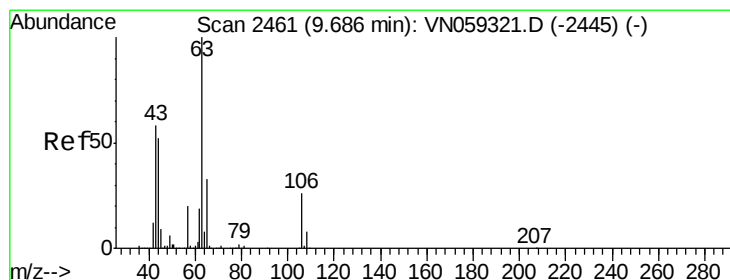
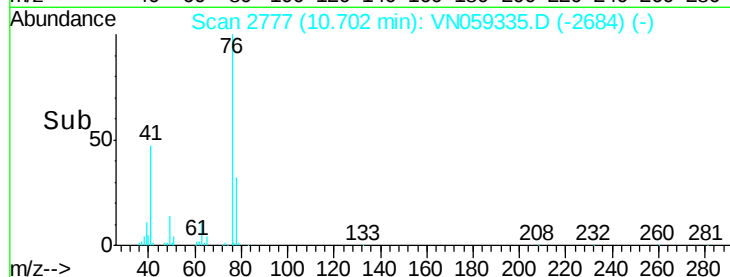
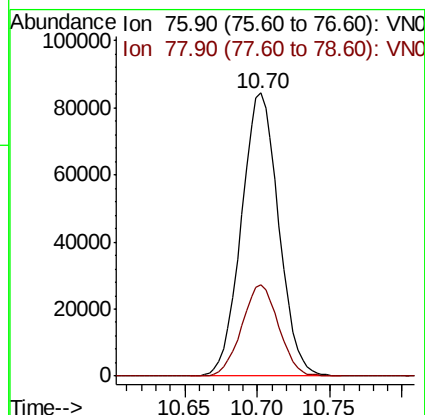
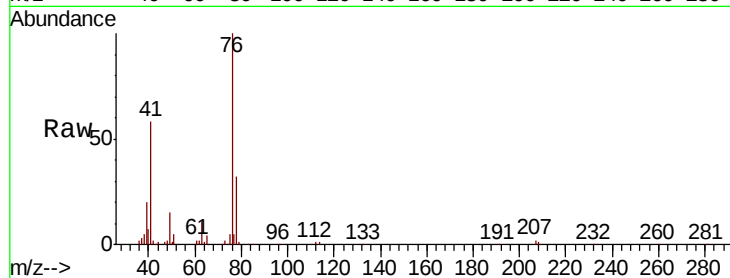
76 100

78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 91.450 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059335.D

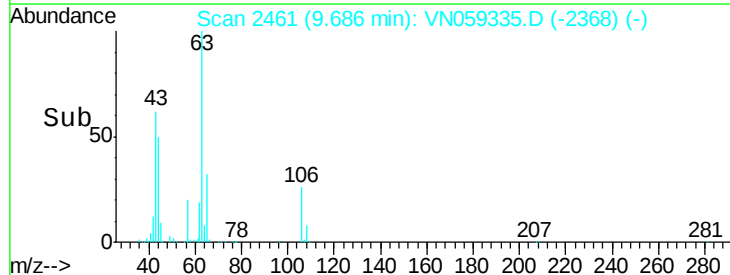
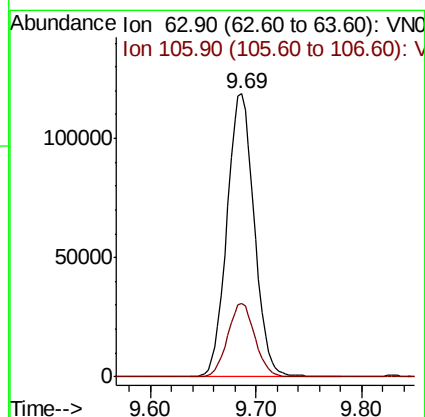
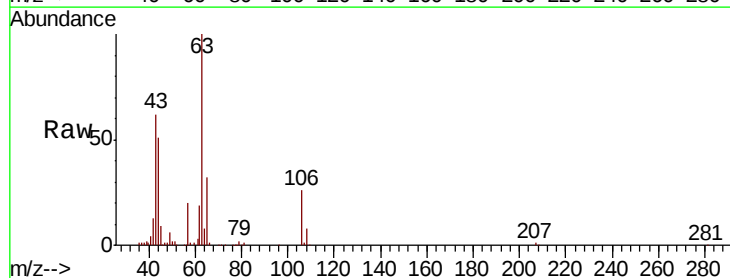
Acq: 21 Nov 2019 15:06

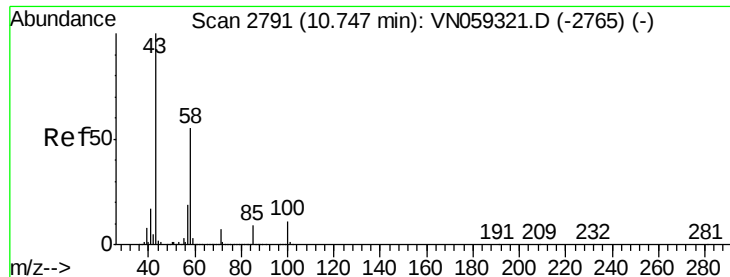
Tgt Ion: 63 Resp: 212392

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7





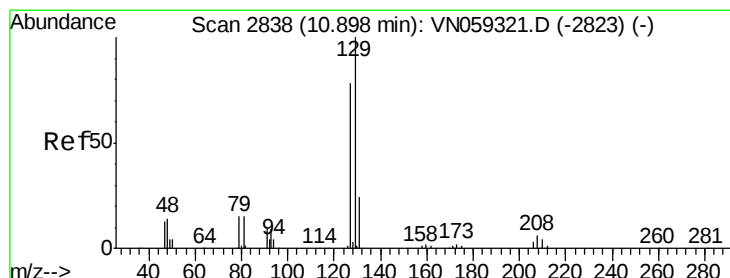
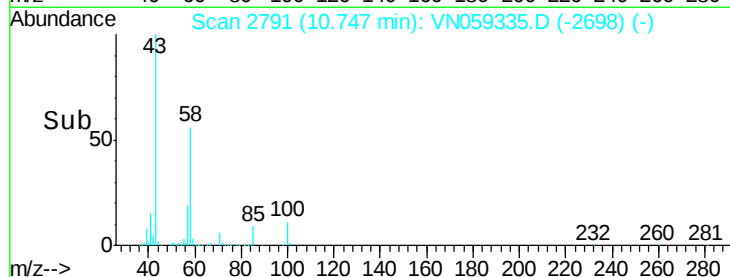
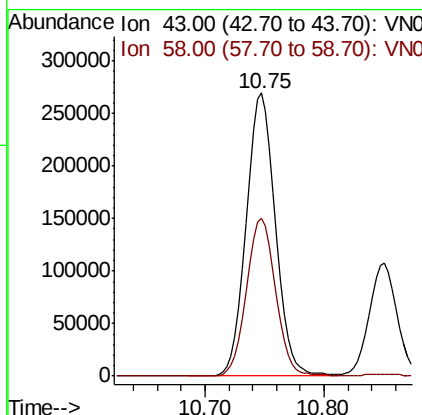
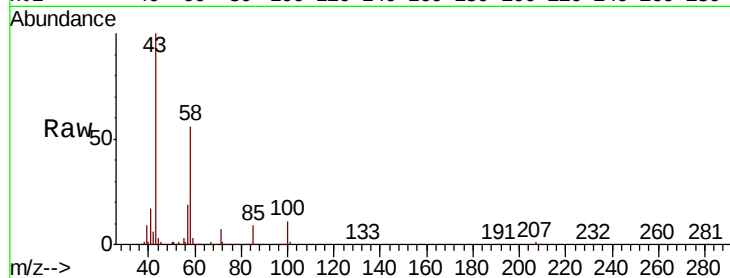
#59
2-Hexanone
Concen: 98.539 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion: 43 Resp: 458457
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0

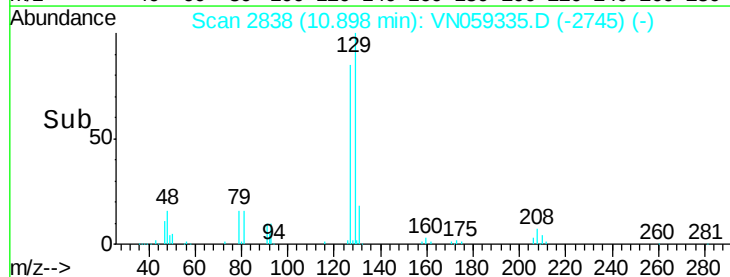
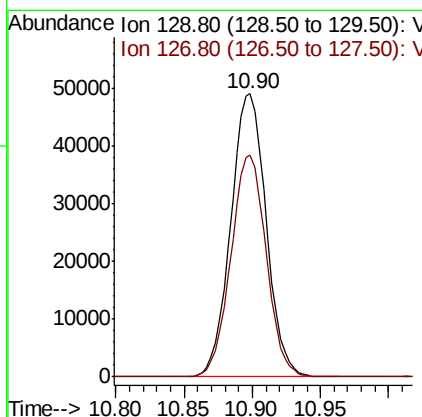
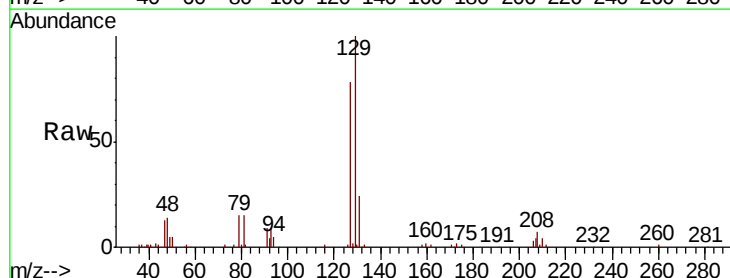
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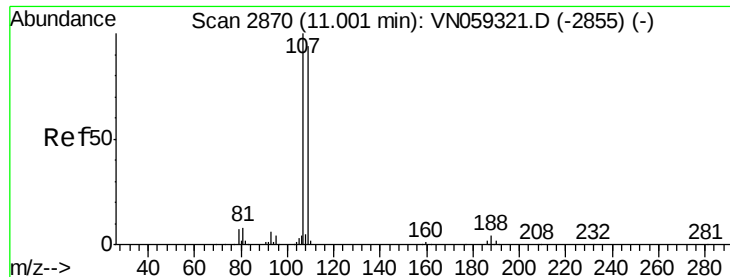
MMDadoda
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#60
Dibromochloromethane
Concen: 18.491 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion: 129 Resp: 88362
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





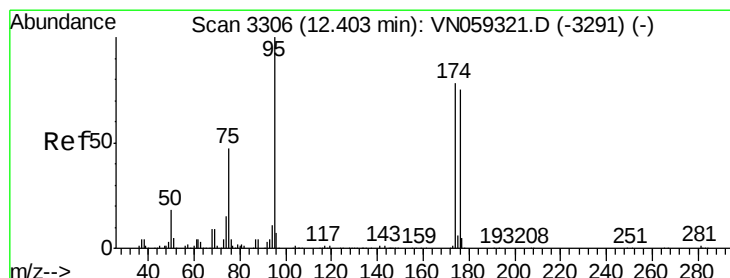
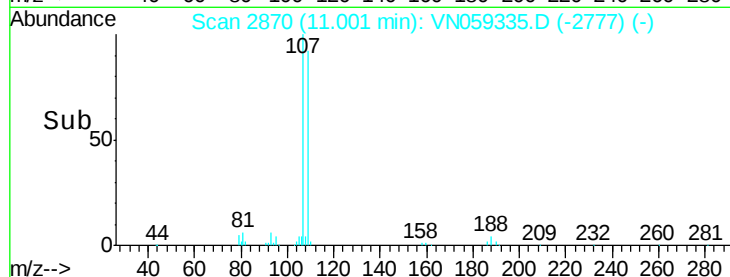
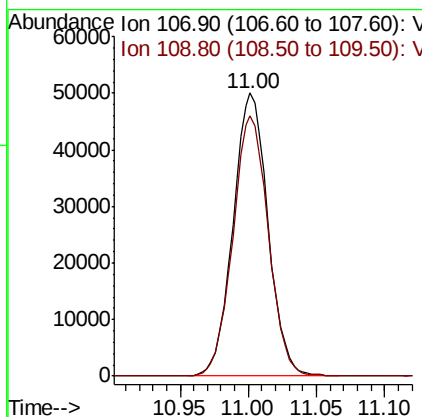
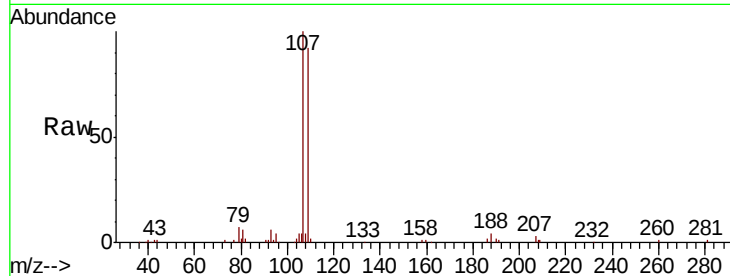
#61
 1,2-Dibromoethane
 Concen: 18.802 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	88719		
109	109	93.5	75.4	113.2	

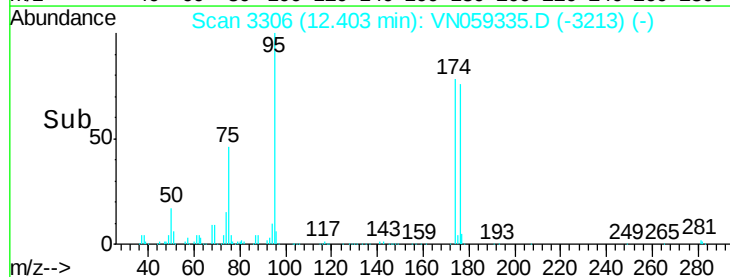
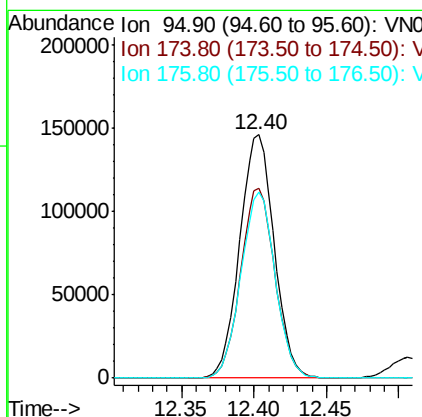
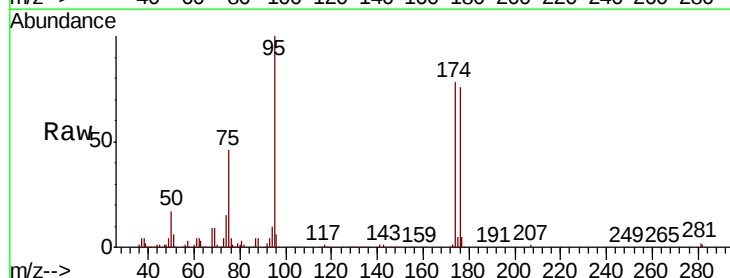
Manual Integrations
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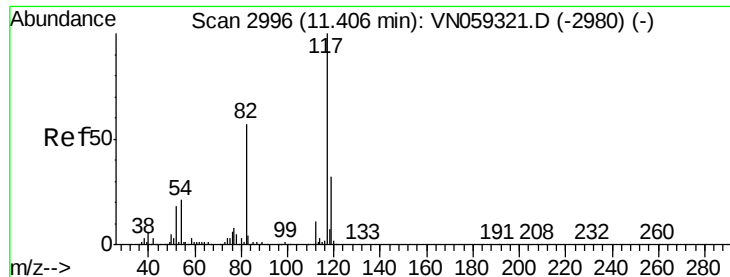
MMDadoda
 11/22/2019 3:12:14 PM



#62
 4-Bromofluorobenzene
 Concen: 45.332 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	242020		
174	174	77.6	0.0	157.4	
176	176	75.9	0.0	151.2	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

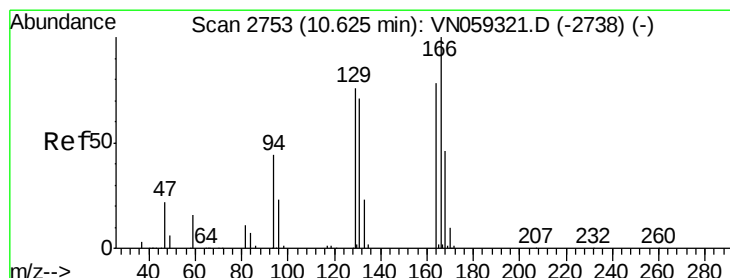
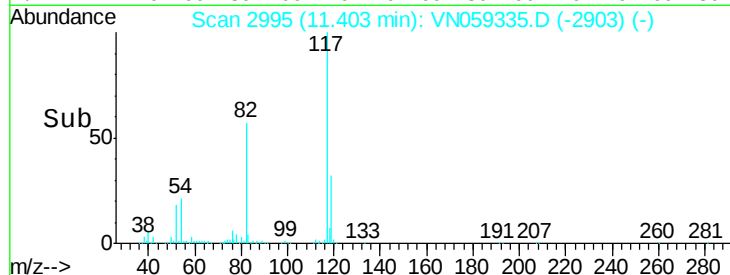
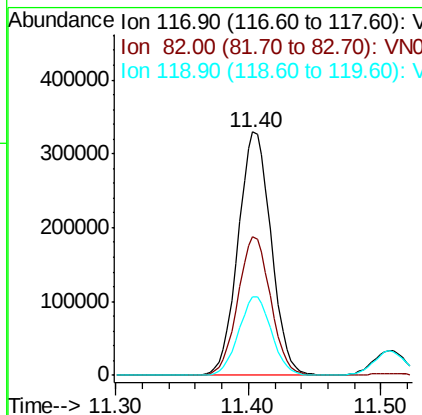
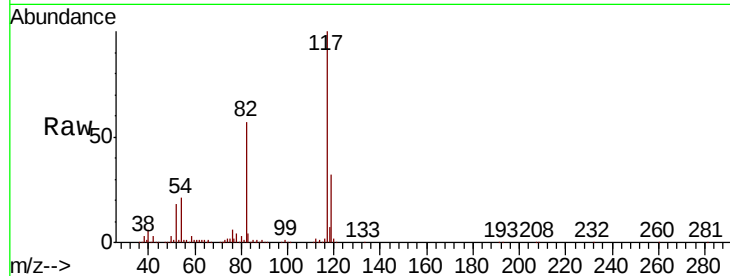
ClientSampleId :

VN1121WBS02

Tot Ion:	117	Resp:	568855
Ion Ratio		Lower	Upper
117	100		
82	57.0	45.7	68.5
119	32.3	25.8	38.6

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#64

Tetrachloroethene

Concen: 18.422 ug/l

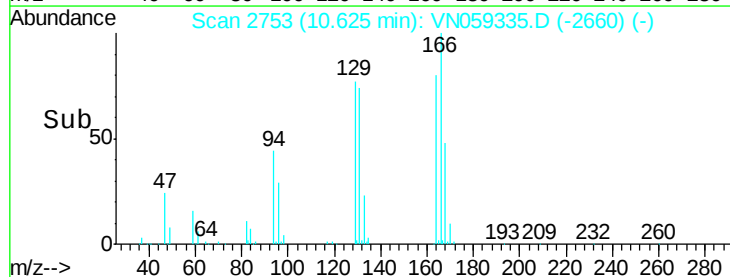
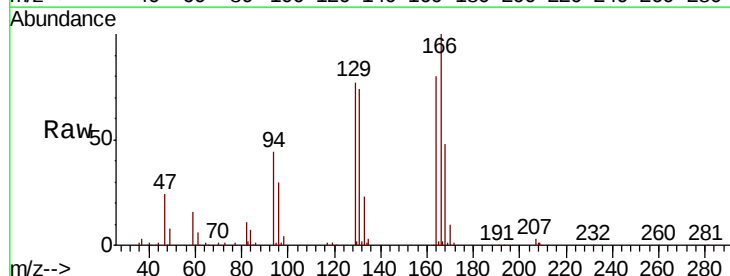
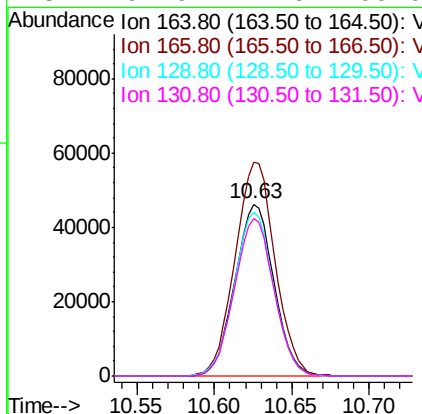
RT: 10.63 min Scan# 2753

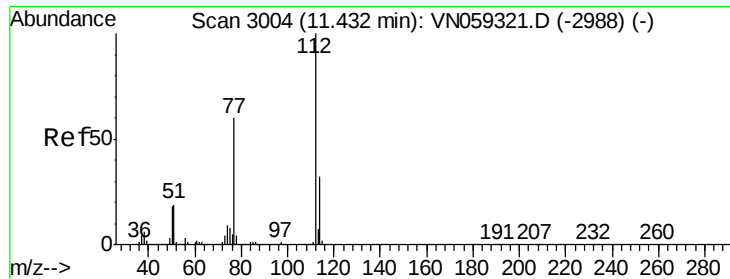
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	164	Resp:	81051
Ion Ratio		Lower	Upper
164	100		
166	124.4	102.9	154.3
129	95.8	78.2	117.2
131	91.9	72.6	109.0





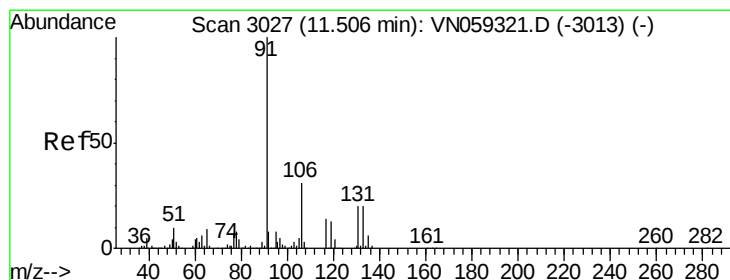
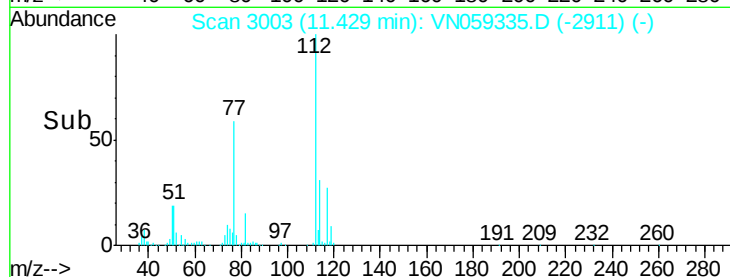
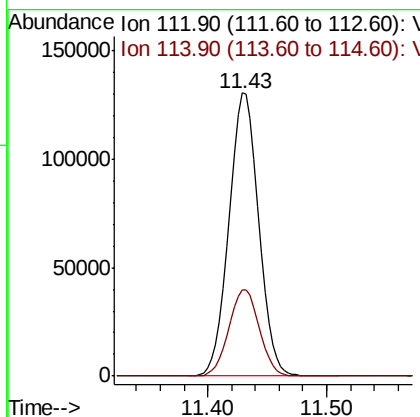
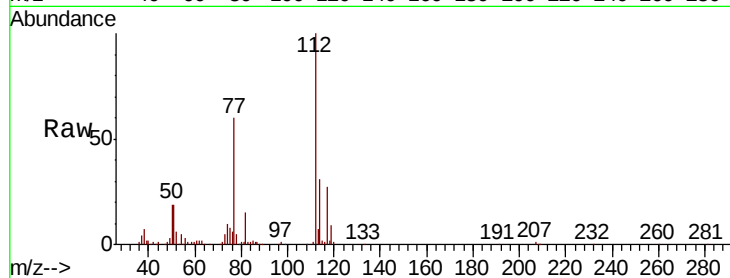
#65
Chlorobenzene
Concen: 18.432 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion:112 Resp: 225455
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

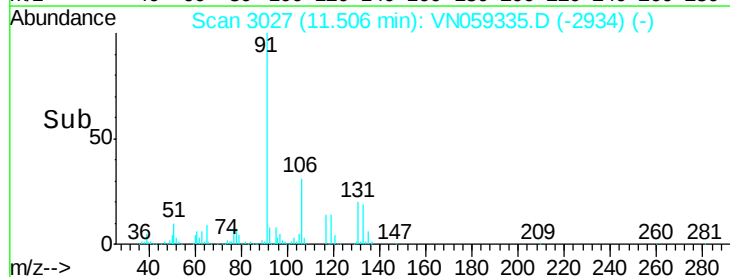
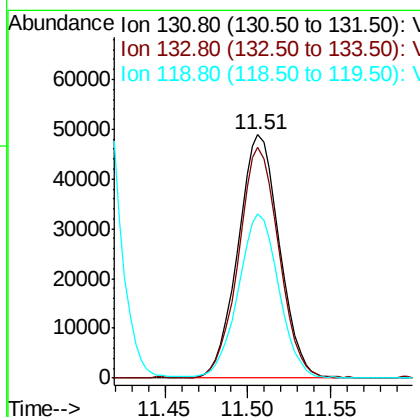
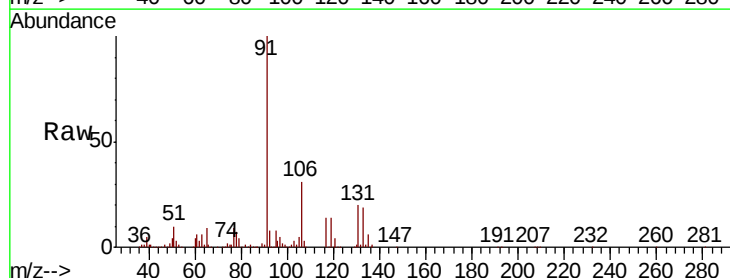
Manual Integrations
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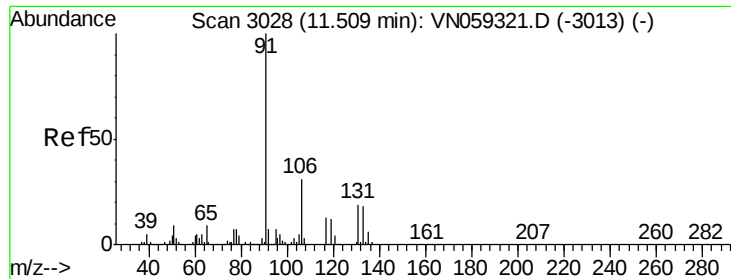
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.116 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion:131 Resp: 84945
Ion Ratio Lower Upper
131 100
133 93.2 48.2 144.6
119 66.4 33.6 100.6





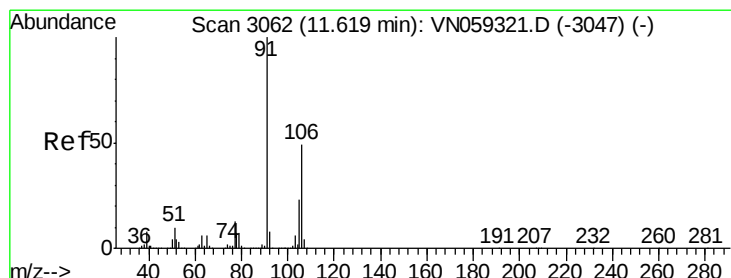
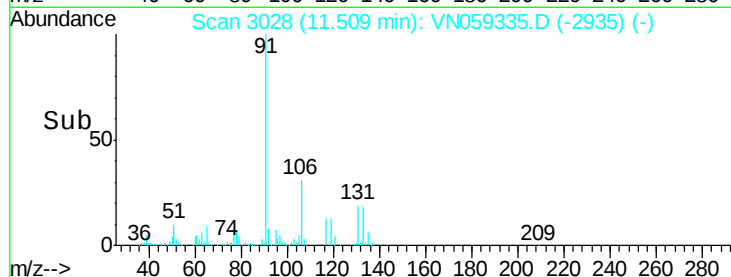
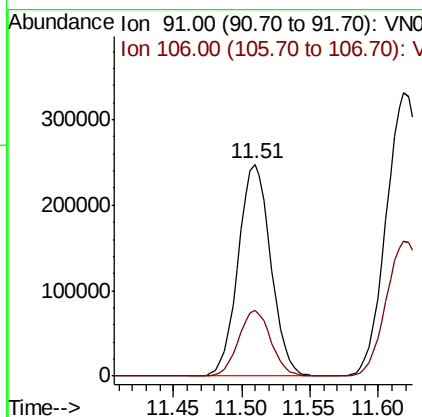
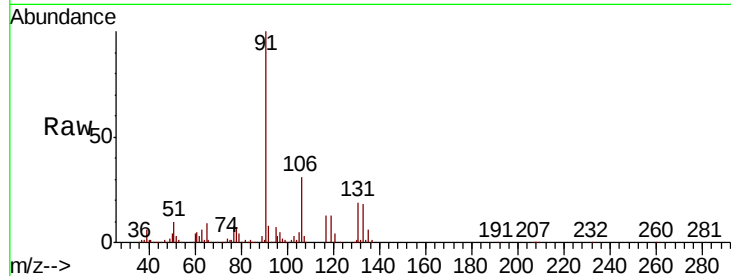
#67
Ethyl Benzene
Concen: 18.825 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion: 91 Resp: 411118
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

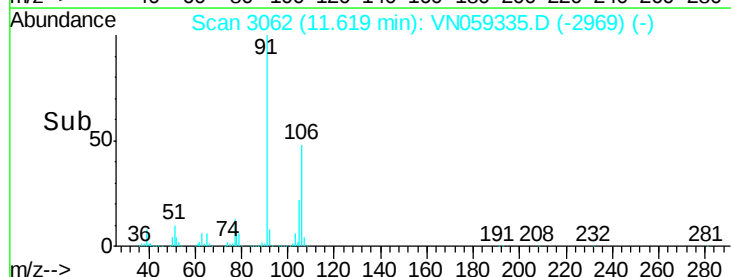
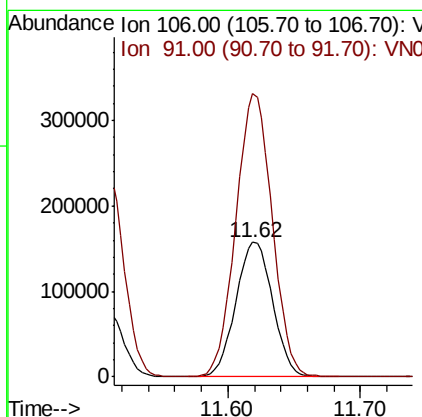
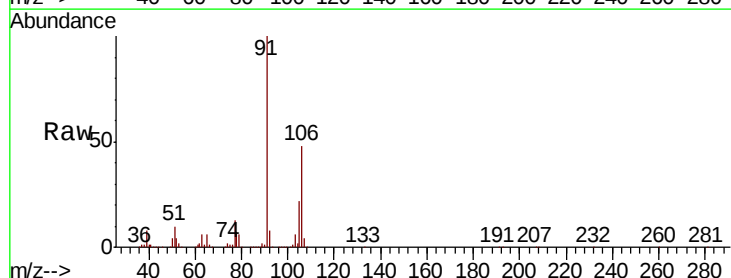
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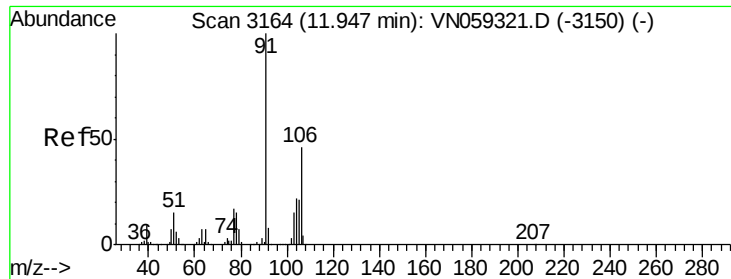
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#68
m/p-Xylenes
Concen: 37.446 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion: 106 Resp: 303883
Ion Ratio Lower Upper
106 100
91 206.6 163.2 244.8





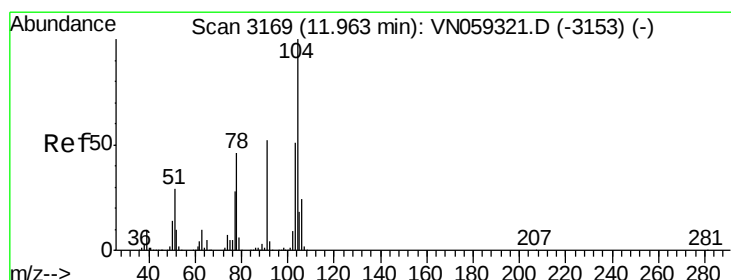
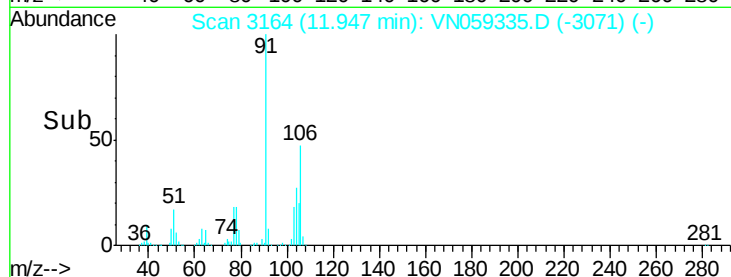
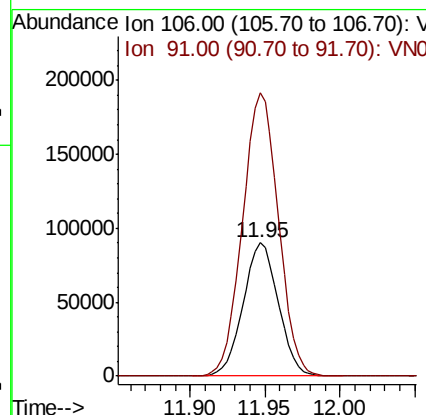
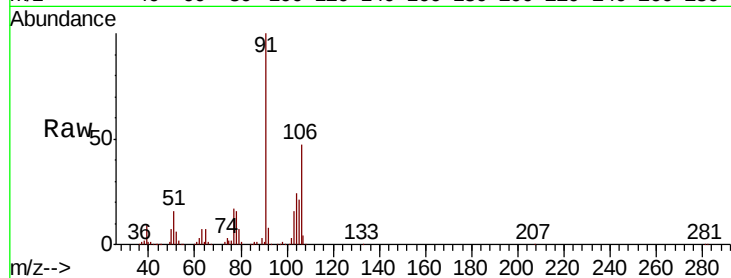
#69
o-Xylene
Concen: 19.037 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	216.3	109.3	327.9

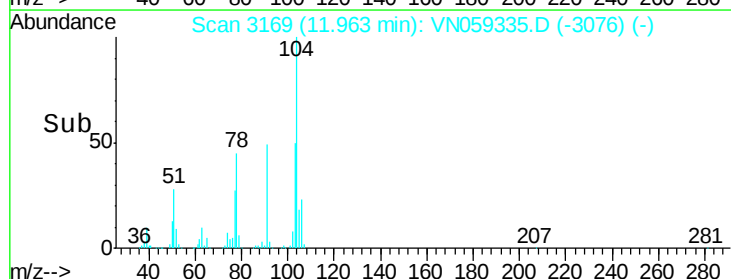
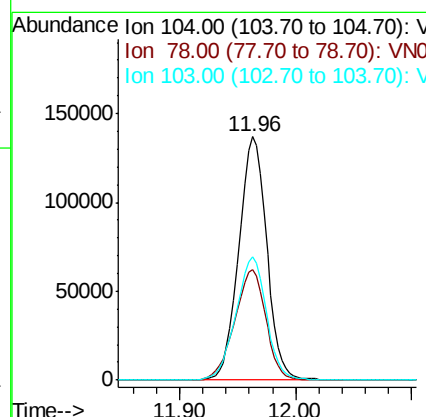
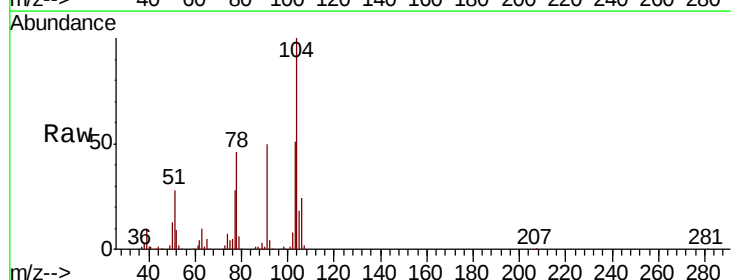
Manual Integrations
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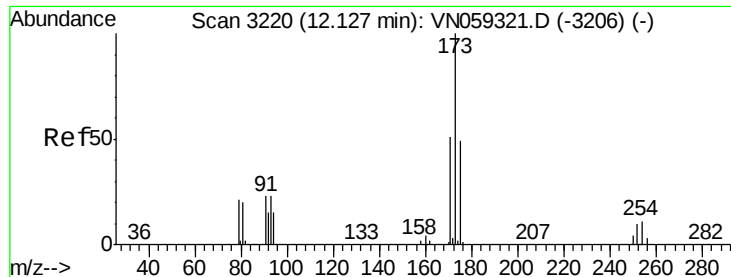
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#70
Styrene
Concen: 18.649 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.6	40.3	60.5
103	103	55.3	43.6	65.4





#71

Bromoform

Concen: 18.797 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

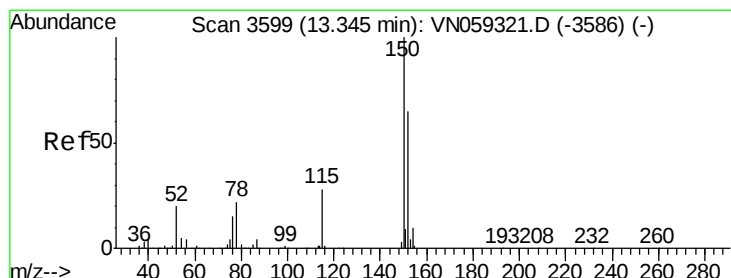
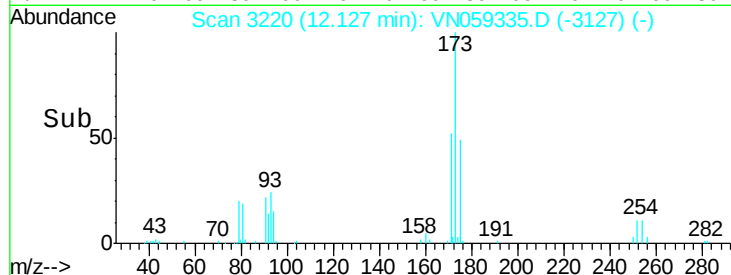
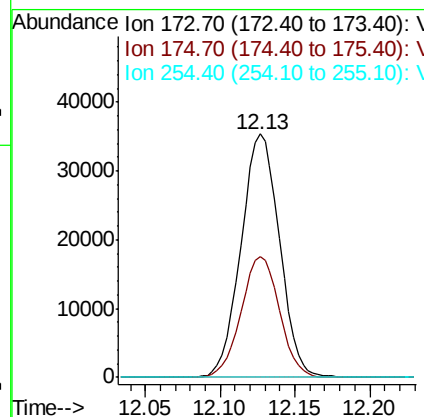
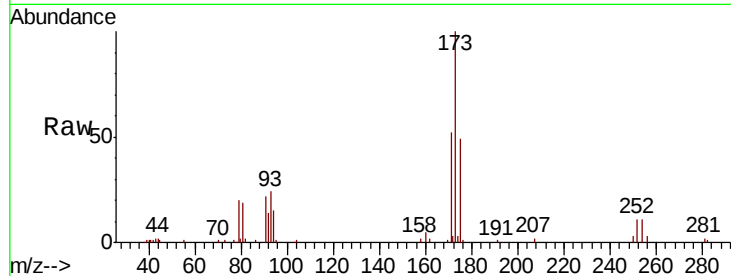
ClientSampleId :

VN1121WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.6	73.6
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

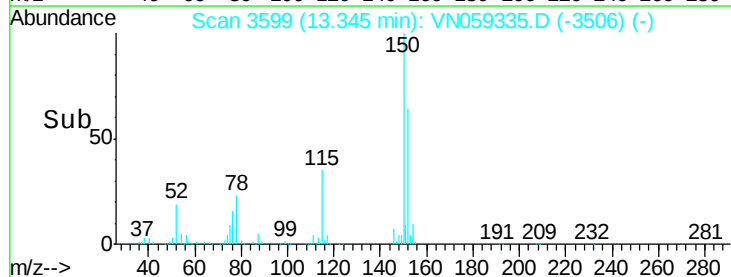
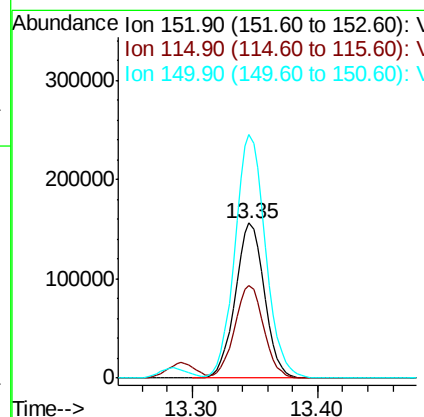
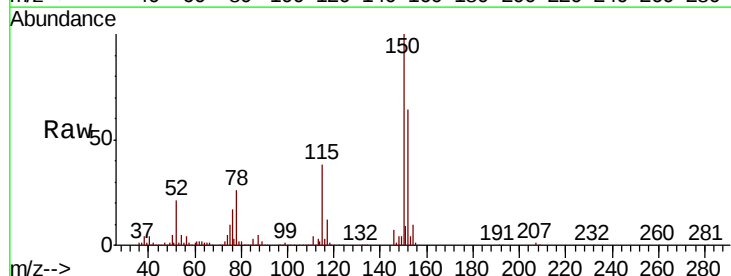
RT: 13.35 min Scan# 3599

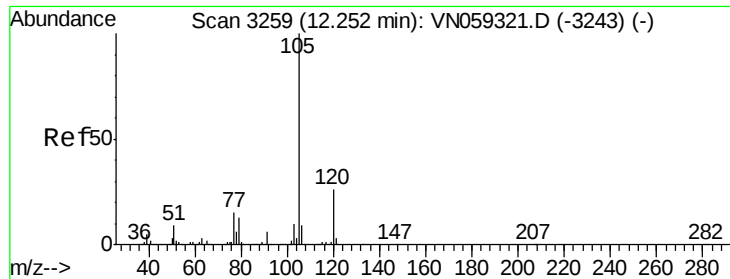
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	164.5	0.0	346.0





#73

Isopropylbenzene

Concen: 19.159 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 105 Resp: 394756

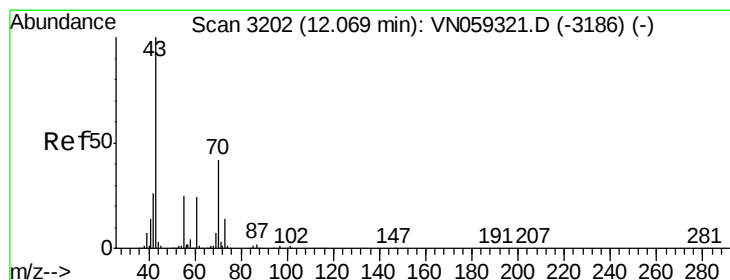
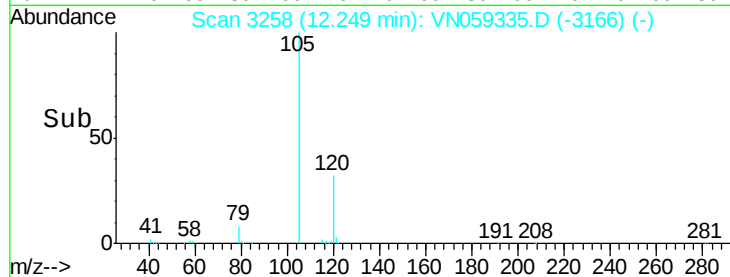
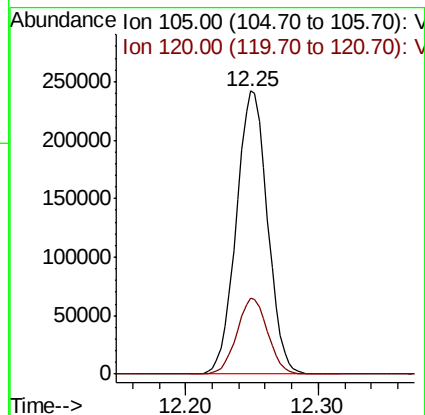
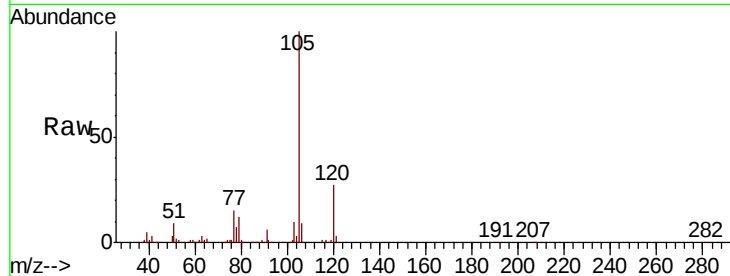
Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.319 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion: 43 Resp: 151697

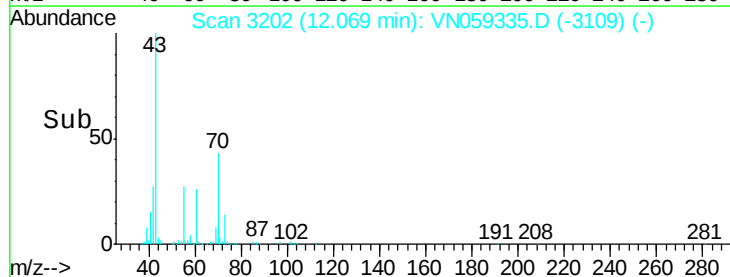
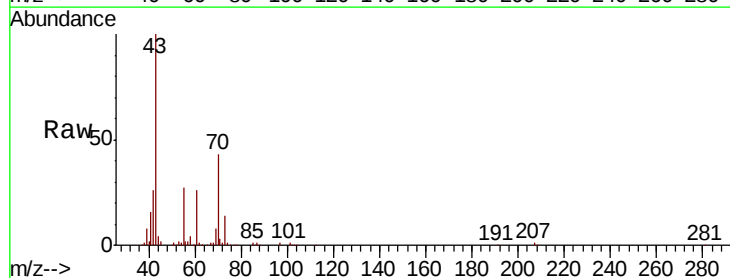
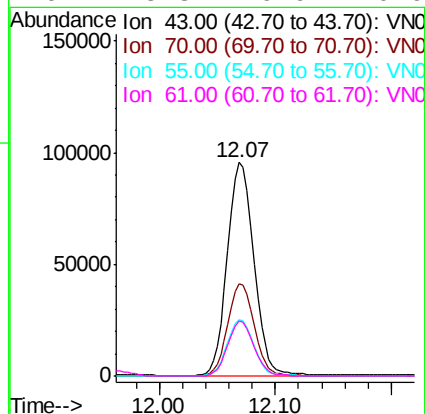
Ion Ratio Lower Upper

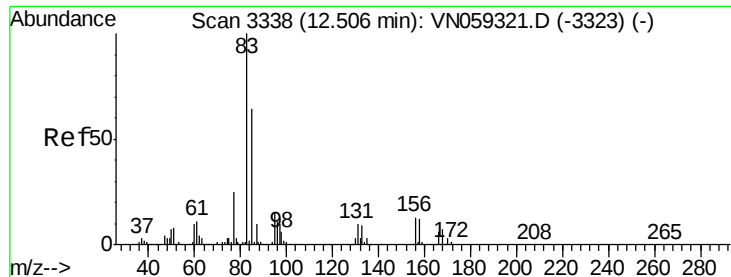
43 100

70 43.0 33.8 50.6

55 26.6 20.3 30.5

61 25.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.684 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

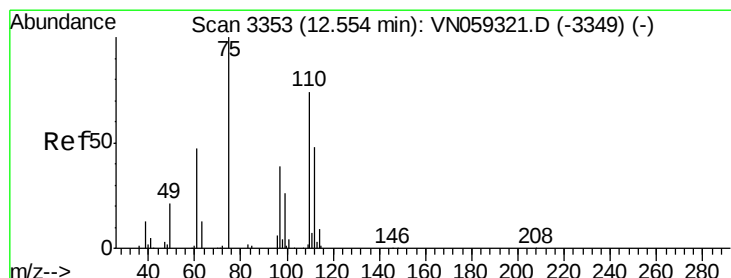
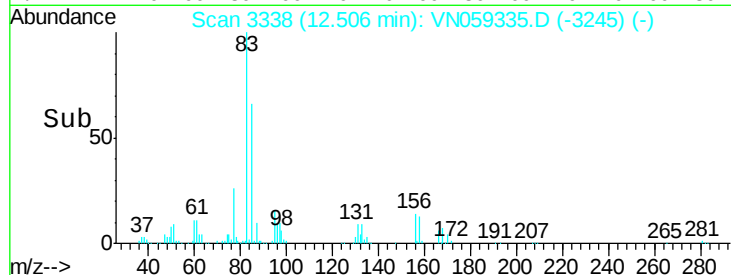
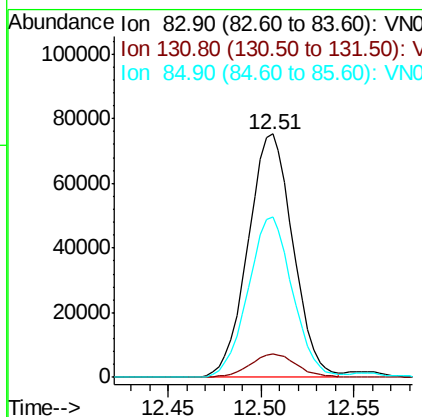
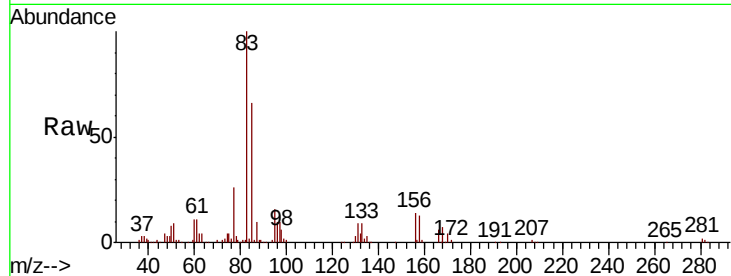
ClientSampleId :

VN1121WBS02

Tot Ion:	83	Resp:	127348
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	65.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.211 ug/l m

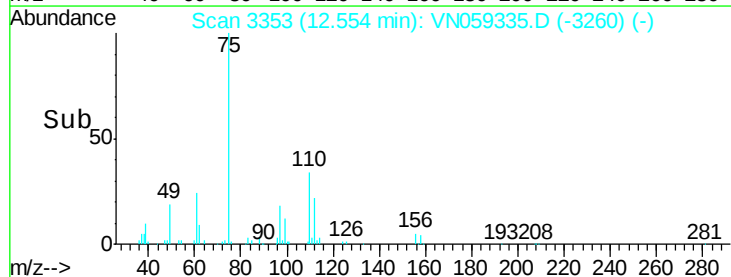
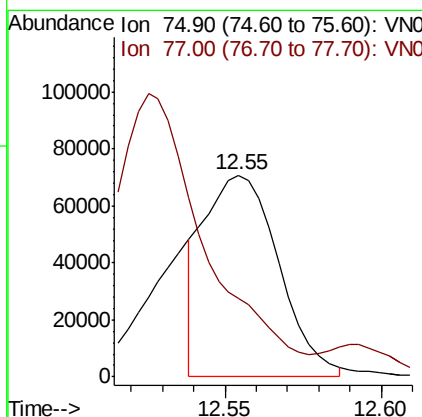
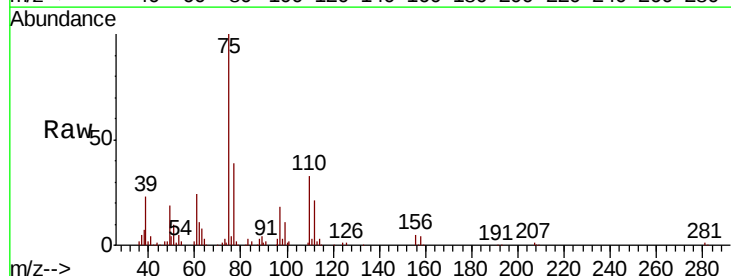
RT: 12.55 min Scan# 3353

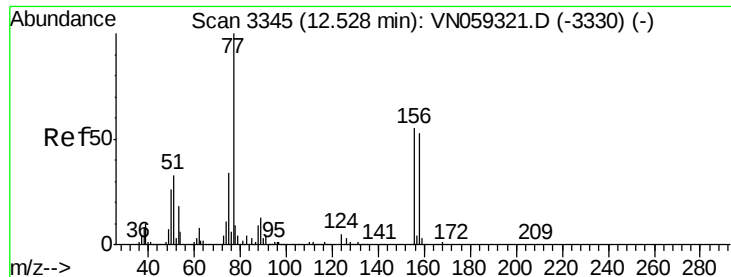
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	75	Resp:	117445
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.490 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

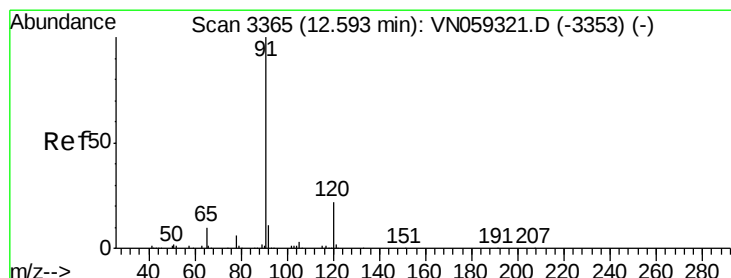
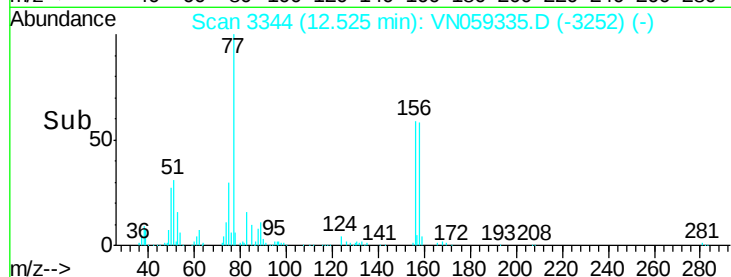
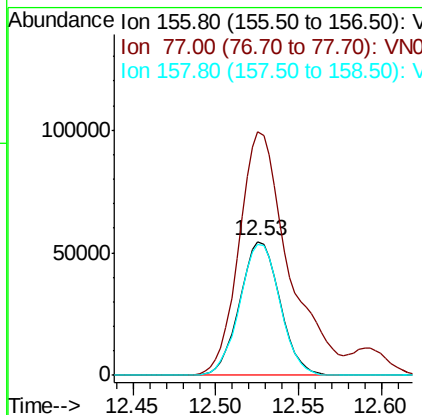
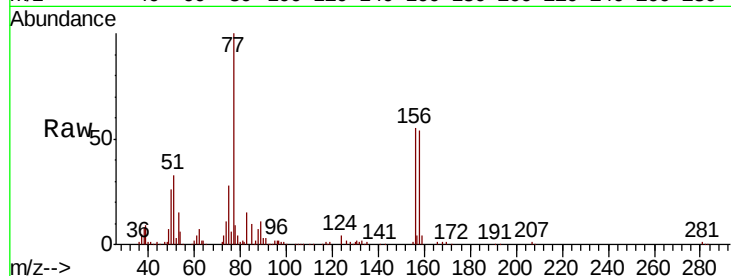
ClientSampleId :

VN1121WBS02

Tot Ion:	156	Resp:	92404
Ion Ratio	Lower	Upper	
156	100		
77	224.4	111.1	333.4
158	98.3	47.8	143.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.500 ug/l

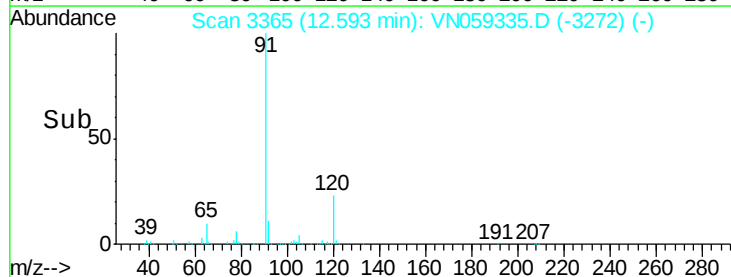
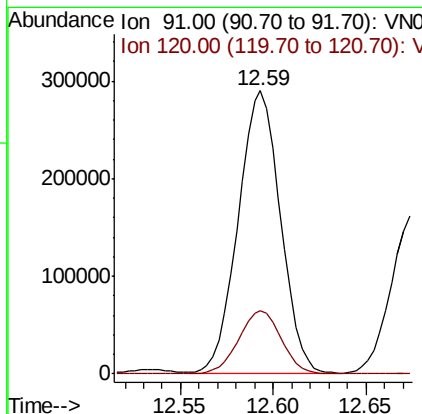
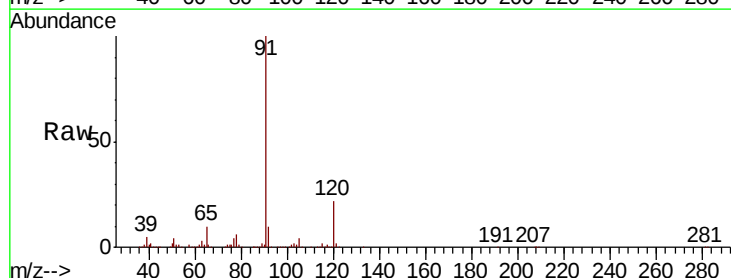
RT: 12.59 min Scan# 3365

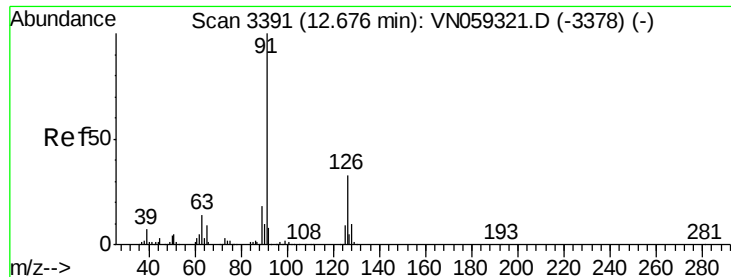
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	91	Resp:	455124
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9





#79

2-Chlorotoluene

Concen: 18.787 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion: 91 Resp: 269137

Ion Ratio Lower Upper

91 100

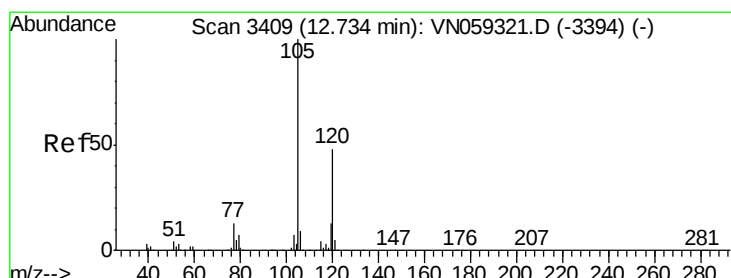
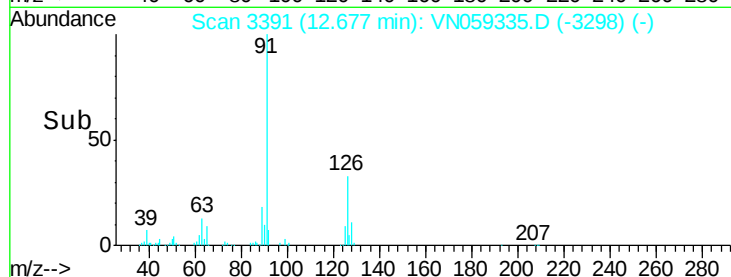
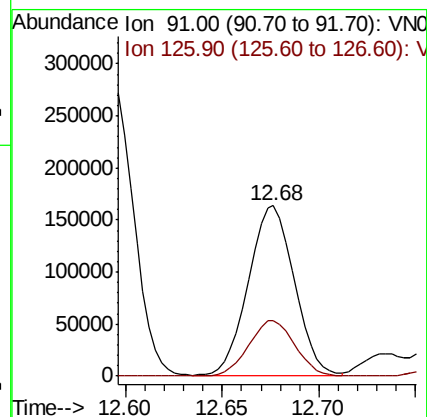
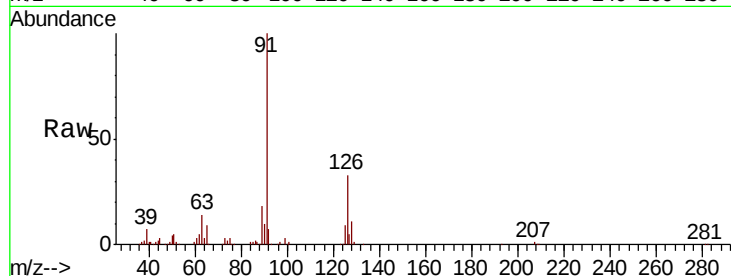
126 33.1 16.7 50.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.133 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059335.D

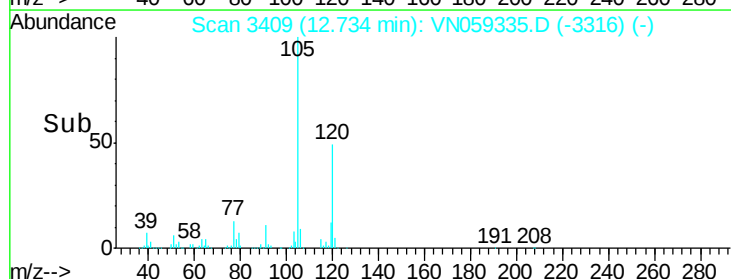
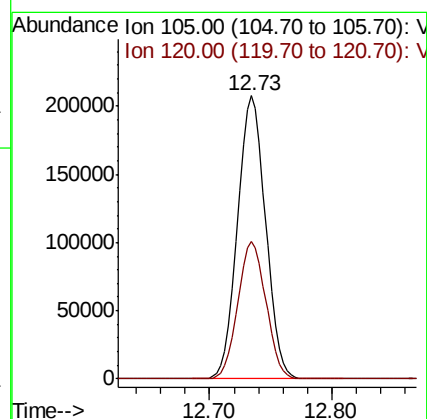
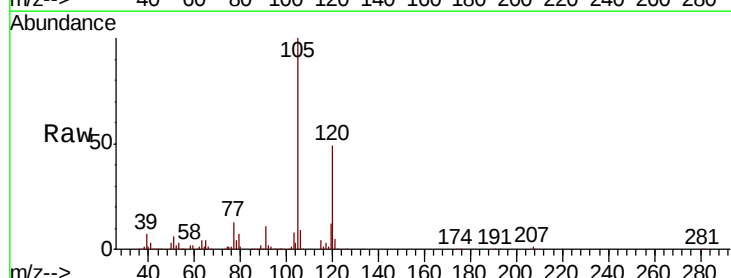
Acq: 21 Nov 2019 15:06

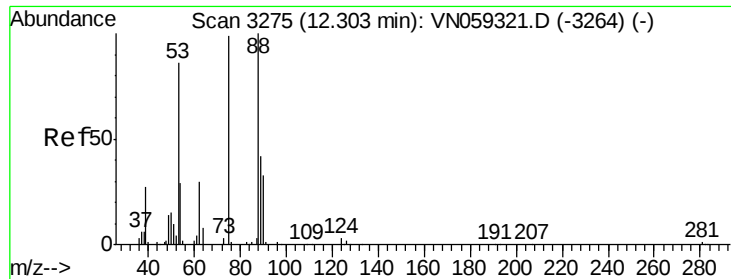
Tgt Ion: 105 Resp: 331395

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





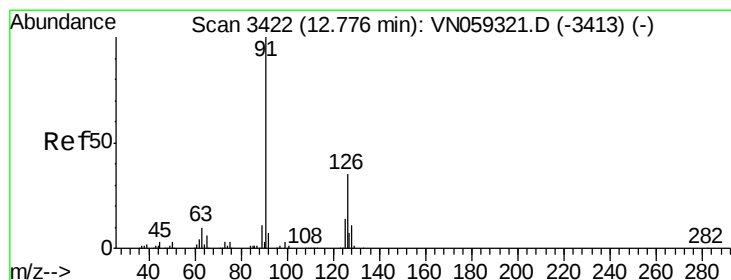
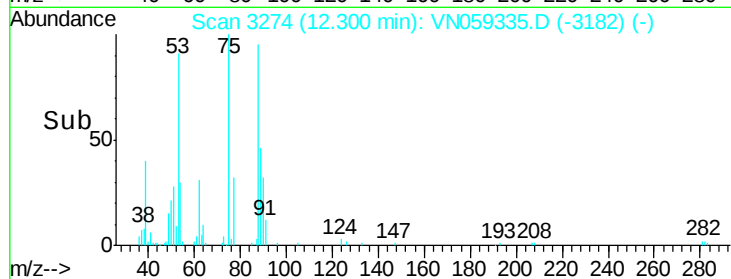
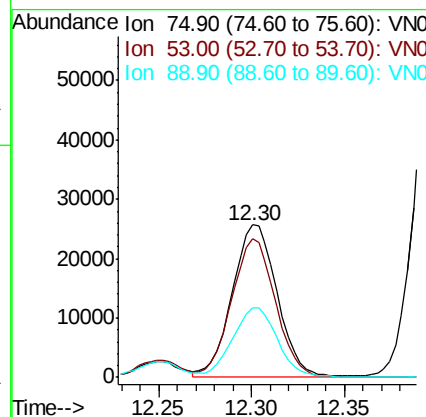
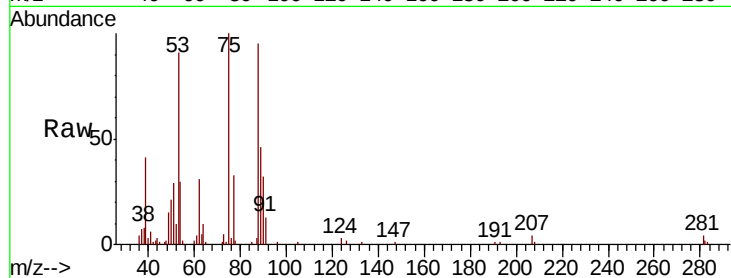
#81
trans-1,4-Dichloro-2-butene
Concen: 18.474 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.7	70.7	106.1
89	46.0	35.4	53.0

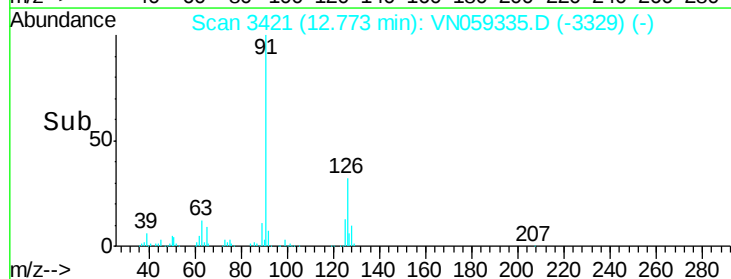
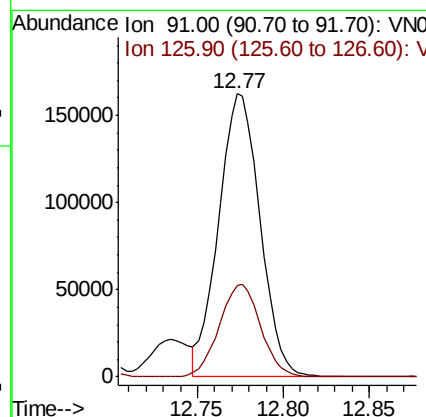
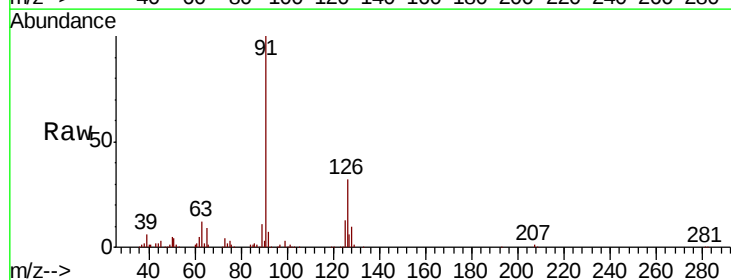
Manual Integrations
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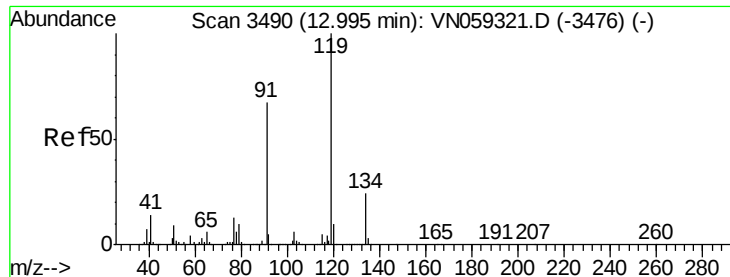
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#82
4-Chlorotoluene
Concen: 18.317 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.245 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

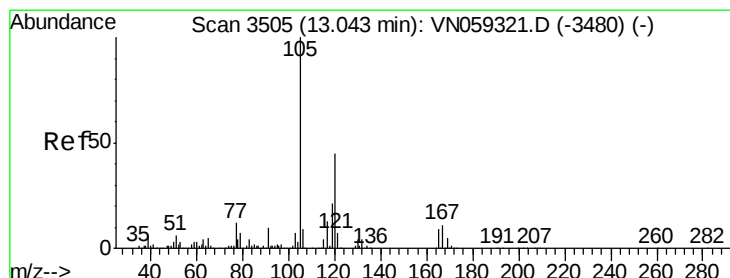
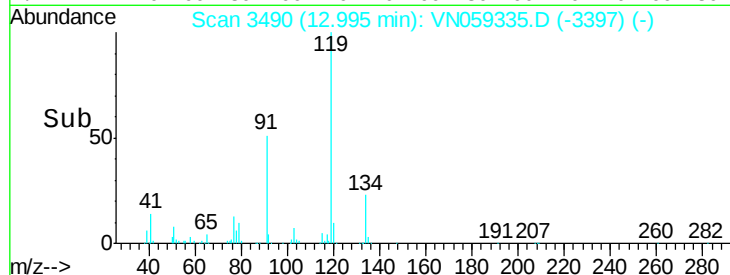
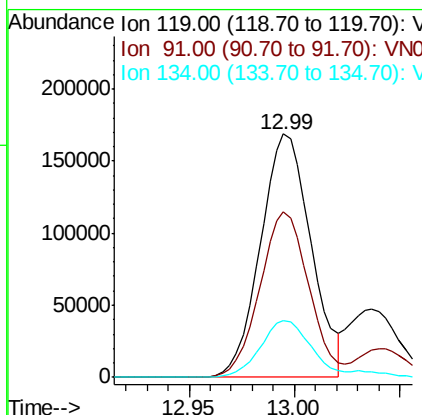
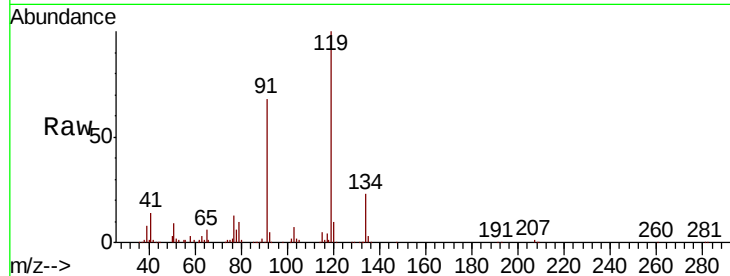
ClientSampleId :

VN1121WBS02

Tot Ion:	119	Resp:	281531
Ion Ratio	Lower	Upper	
119	100		
91	66.0	32.8	98.4
134	23.5	13.0	38.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.024 ug/l

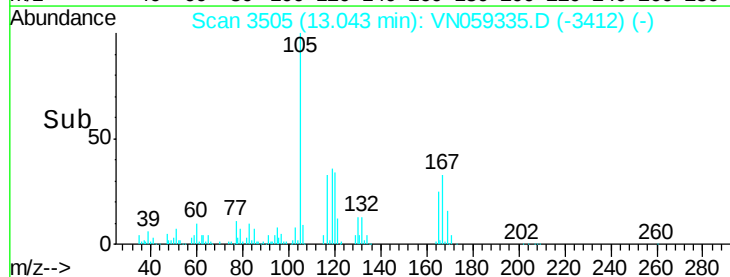
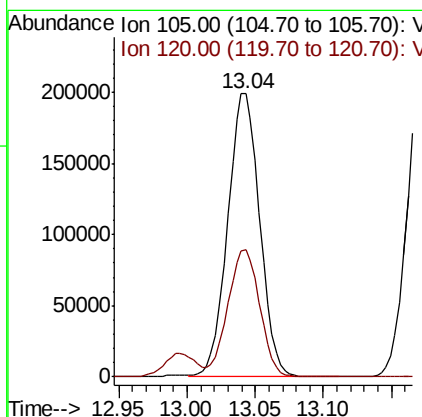
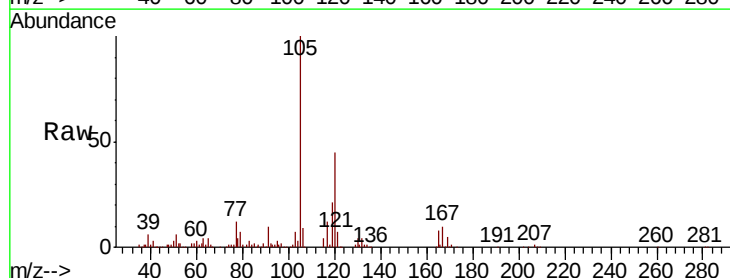
RT: 13.04 min Scan# 3505

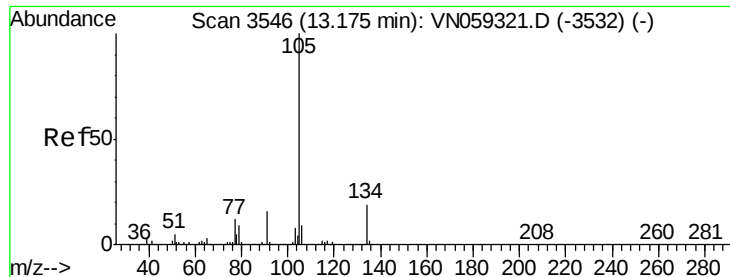
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	105	Resp:	322774
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.285 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tot Ion:105 Resp: 379178

Ion Ratio Lower Upper

105 100

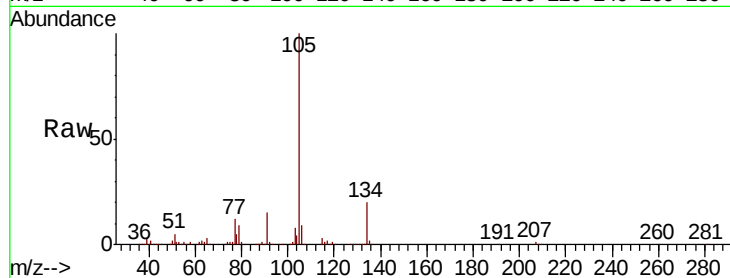
134 19.8 9.8 29.3

Manual Integrations

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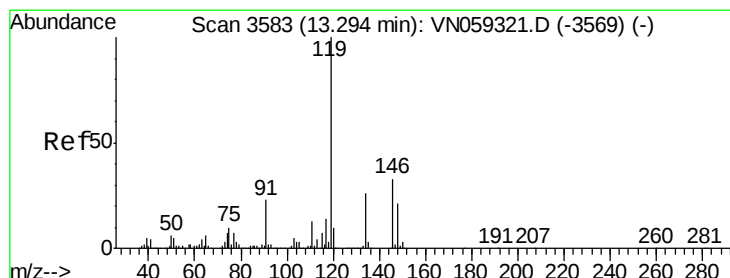
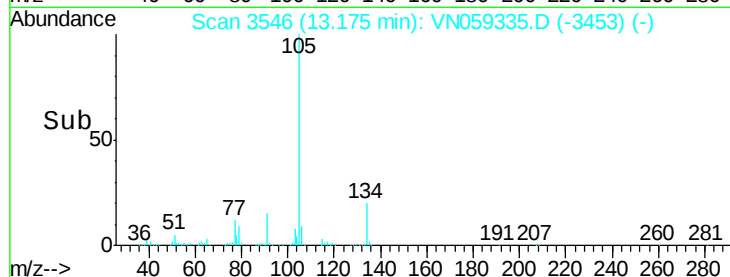
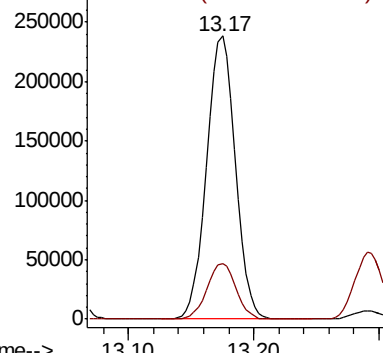
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.220 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

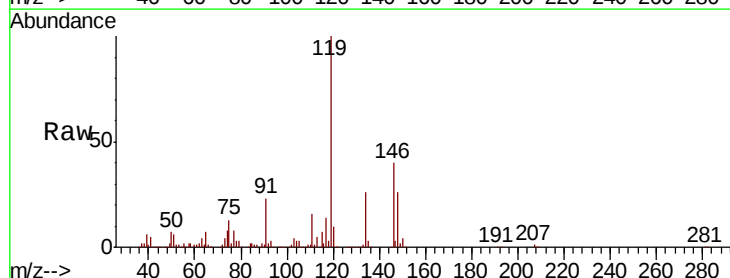
Tgt Ion:119 Resp: 336270

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

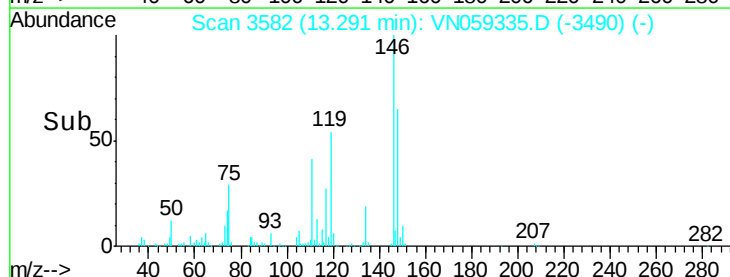
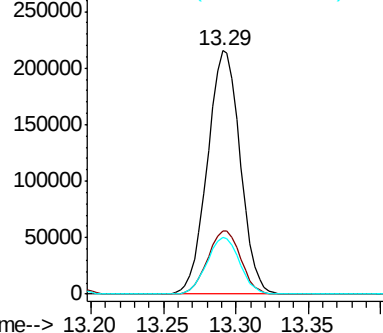
91 23.4 11.6 34.7

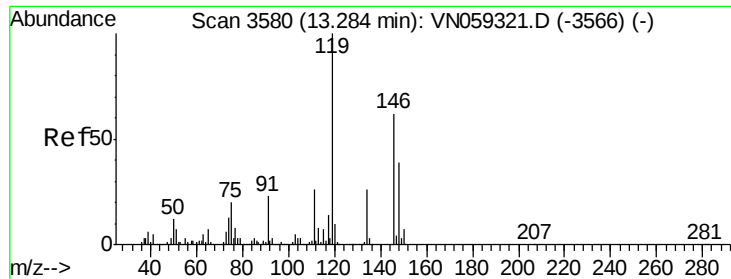


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





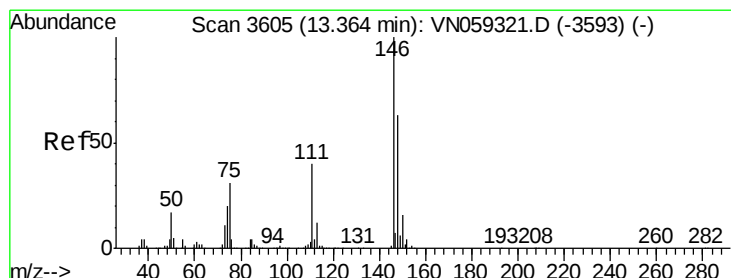
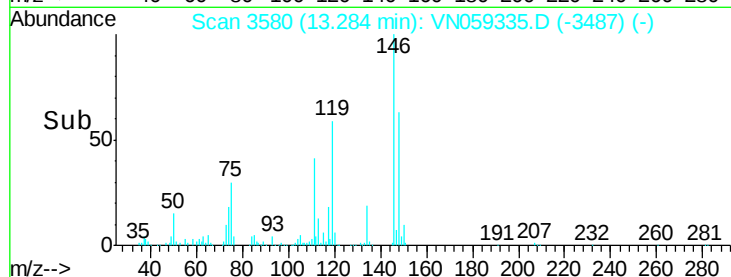
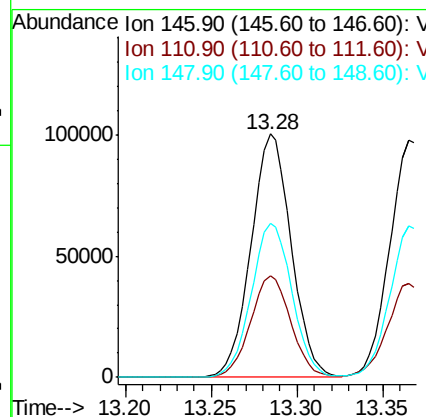
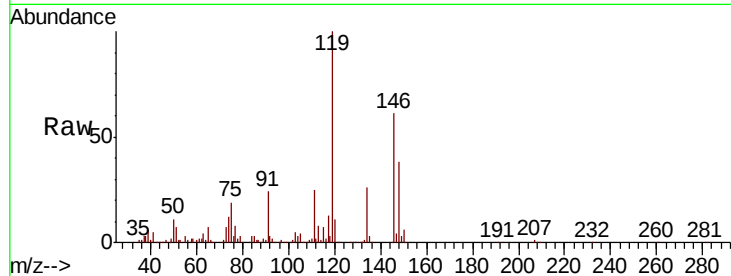
#87
 1,3-Dichlorobenzene
 Concen: 18.281 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	64.1	31.9	95.5

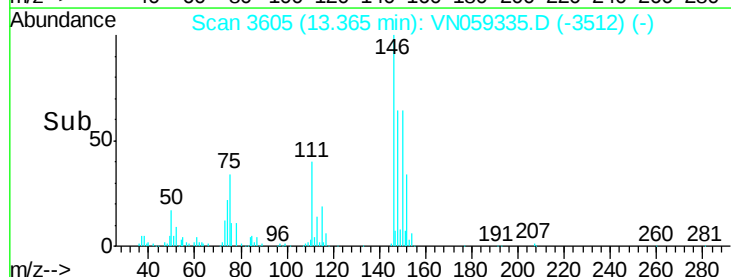
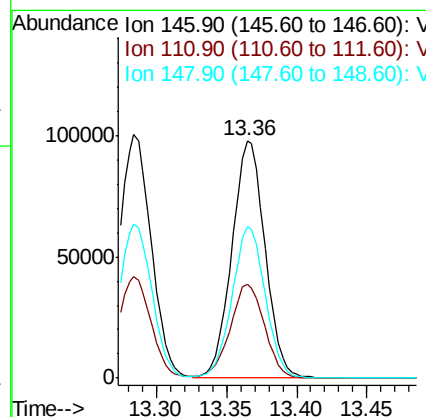
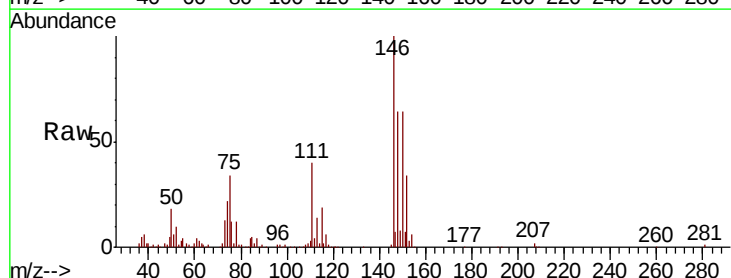
Manual Integrations
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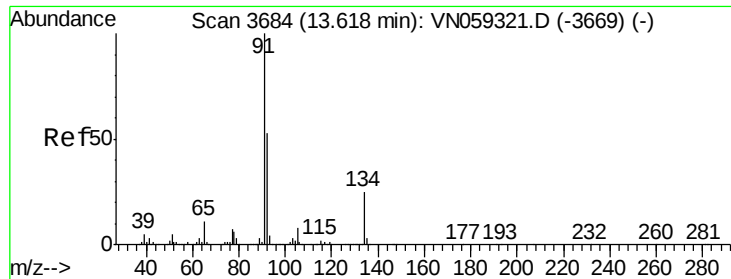
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#88
 1,4-Dichlorobenzene
 Concen: 18.244 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.3
148	64.2	31.7	95.1





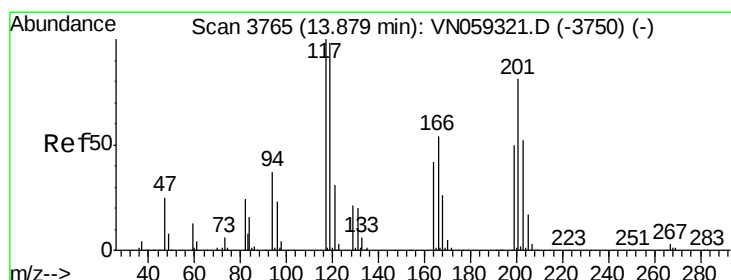
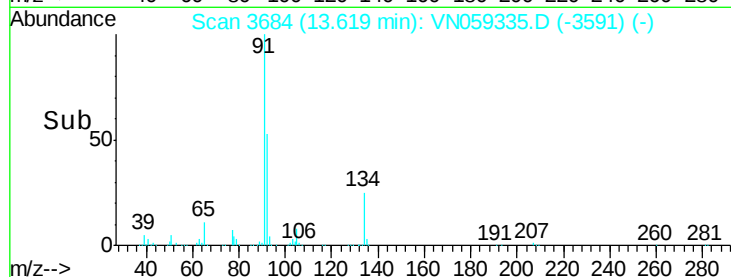
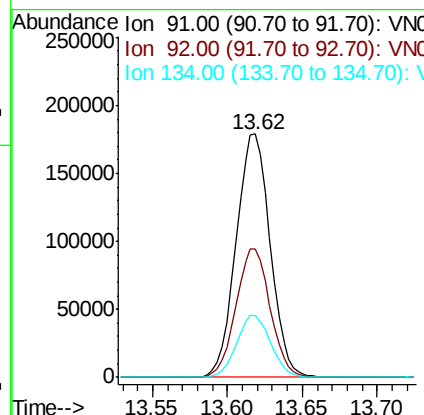
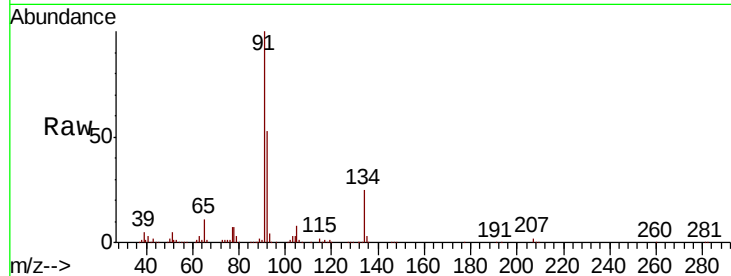
#89
n-Butylbenzene
Concen: 18.552 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.0	78.0
134	25.6	12.7	38.1

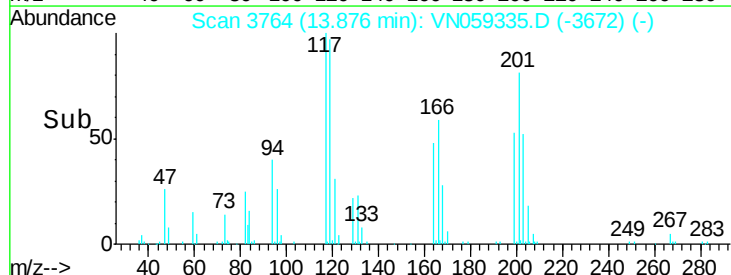
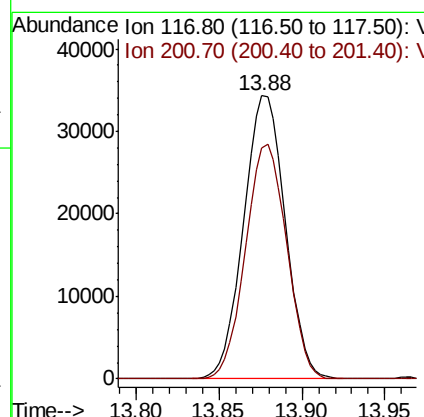
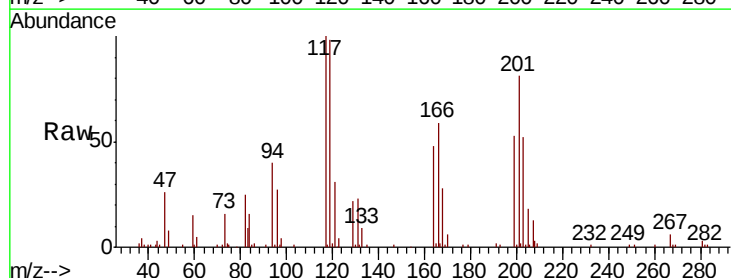
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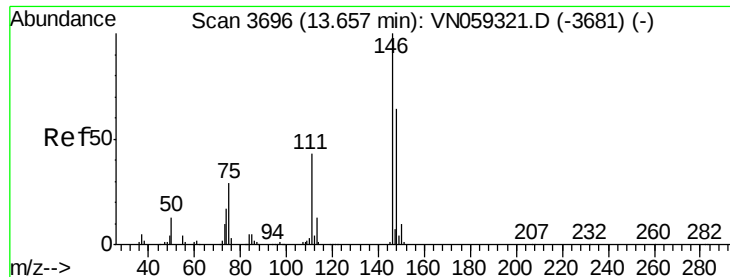
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11/22/2019 3:12:14 PM



#90
Hexachloroethane
Concen: 18.111 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 18.715 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Instrument :

MSVOA_N

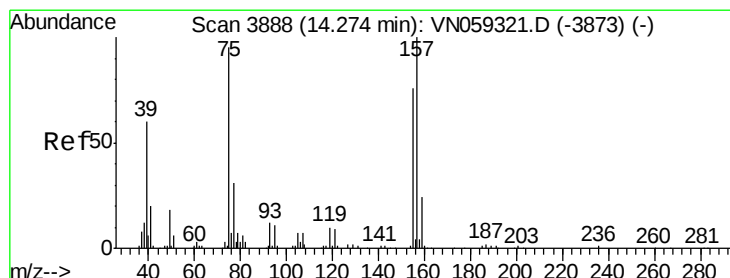
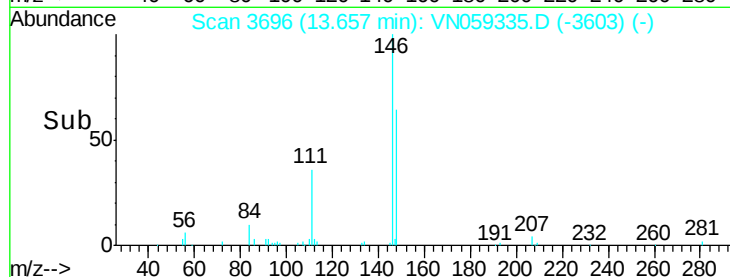
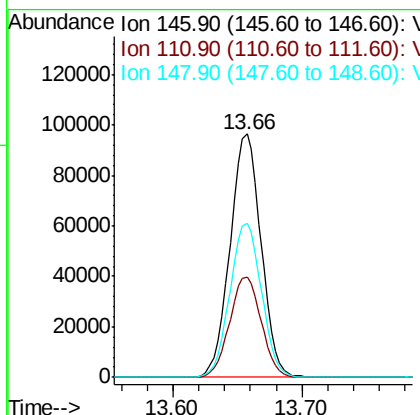
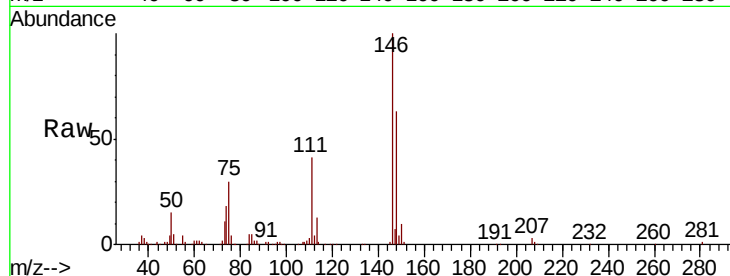
ClientSampleId :

VN1121WBS02

Tot Ion:	146	Resp:	161149
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.3	64.0
148	64.4	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.424 ug/l

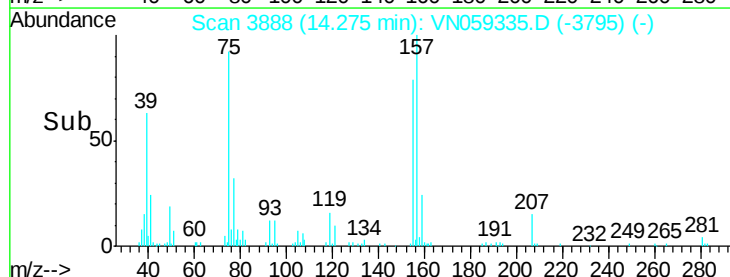
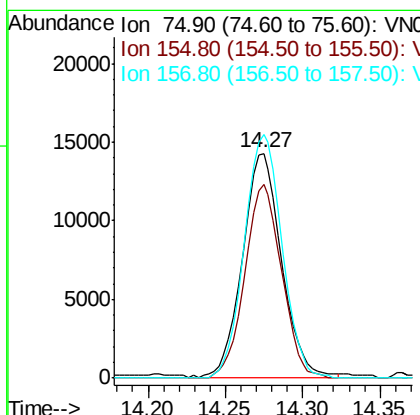
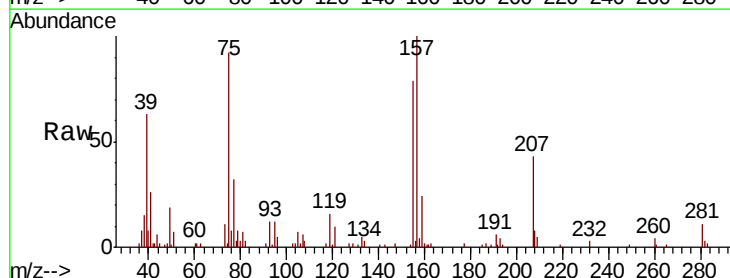
RT: 14.27 min Scan# 3888

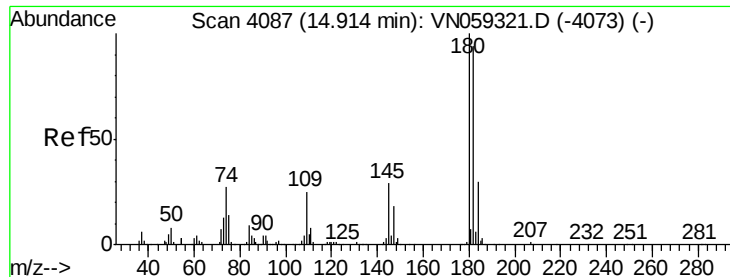
Delta R.T. 0.00 min

Lab File: VN059335.D

Acq: 21 Nov 2019 15:06

Tgt Ion:	75	Resp:	25249
Ion Ratio	Lower	Upper	
75	100		
155	80.8	40.5	121.5
157	104.3	52.7	158.1





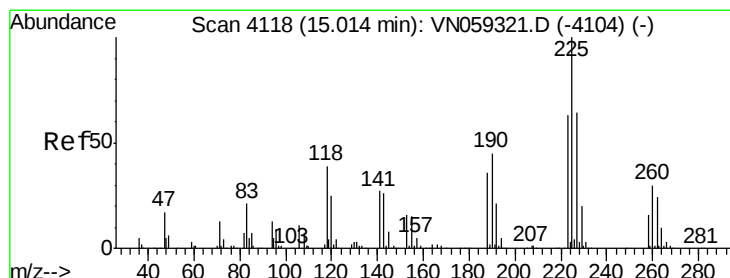
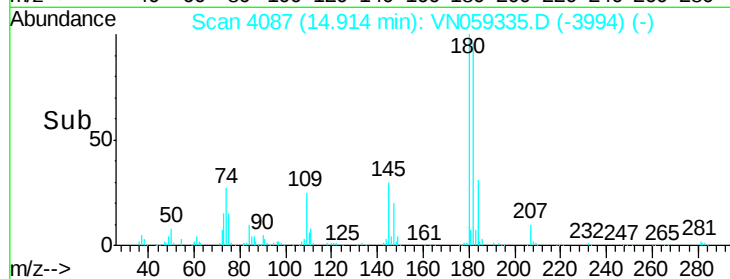
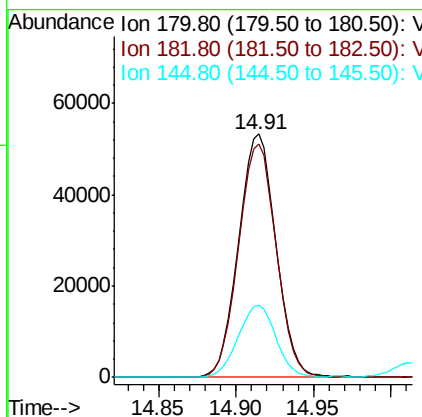
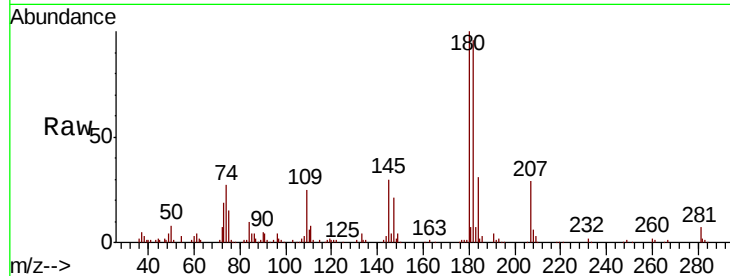
#93
 1,2,4-Trichlorobenzene
 Concen: 18.706 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	30.1	14.9	44.5

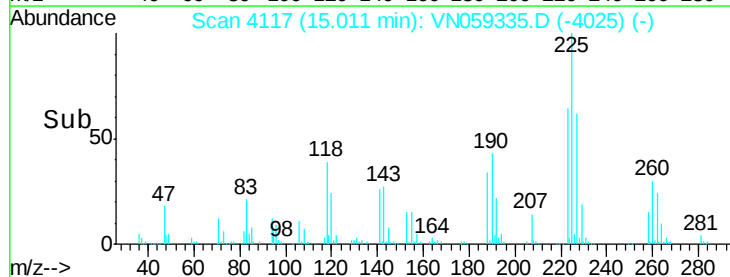
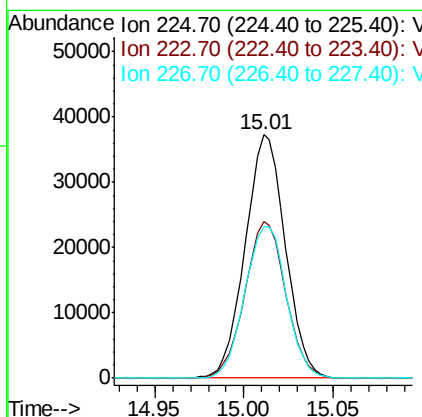
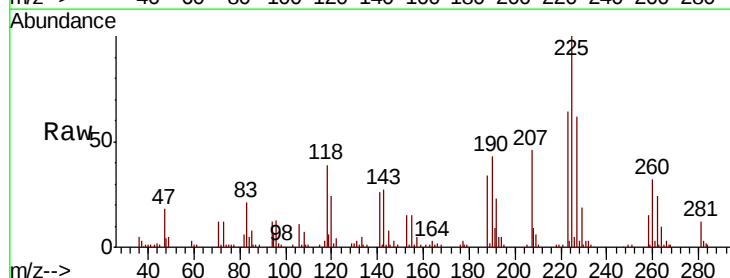
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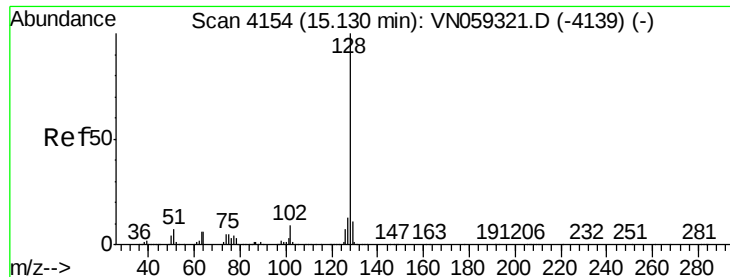
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 11/22/2019 3:12:14 PM



#94
 Hexachlorobutadiene
 Concen: 18.901 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059335.D
 Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.6	94.8
227	64.2	32.6	97.7





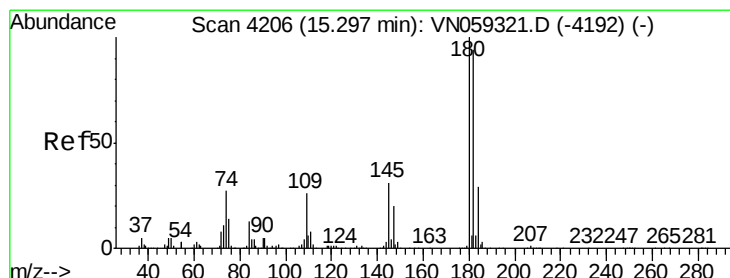
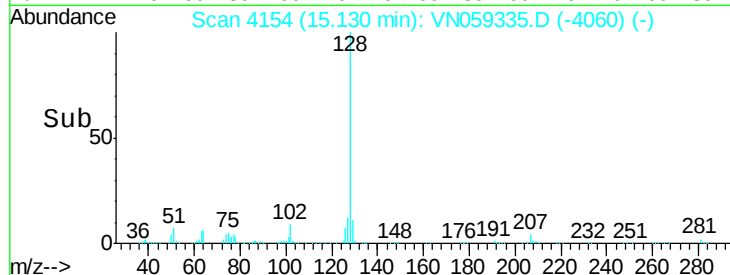
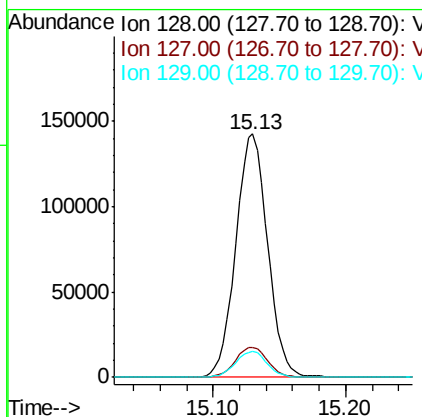
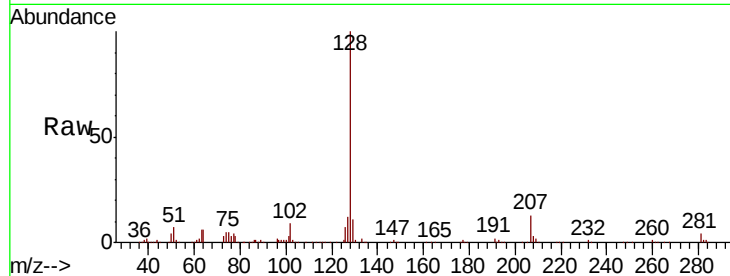
#95
Naphthalene
Concen: 18.158 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.659 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059335.D
Acq: 21 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.4
145	31.6	15.6	46.8

