

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059300.D
 Acq On : 19 Nov 2019 12:24
 Operator : JC/SP
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:33 PM

Quant Time: Nov 20 01:11:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	384601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	613491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	547237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	229143	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.57	113	189824	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.08	98	702230	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	260886	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130371	33.644	ug/l	99
3) Chloromethane	2.04	50	147972	28.092	ug/l	98
4) Vinyl Chloride	2.17	62	158771	31.090	ug/l	99
5) Bromomethane	2.54	94	82017	27.908	ug/l	99
6) Chloroethane	2.68	64	80072	26.505	ug/l	98
7) Trichlorofluoromethane	3.00	101	155529	25.461	ug/l	99
8) Diethyl Ether	3.39	74	65465	26.376	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	97994	26.607	ug/l	99
10) Methyl Iodide	3.93	142	112062	24.581	ug/l	99
11) Tert butyl alcohol	4.75	59	104117	115.557	ug/l	100
12) 1,1-Dichloroethene	3.71	96	95950	26.744	ug/l	98
13) Acrolein	3.58	56	39036	84.032	ug/l	99
14) Allyl chloride	4.29	41	182059	24.704	ug/l	98
15) Acrylonitrile	4.95	53	279043	124.446	ug/l	100
16) Acetone	3.79	43	233158	94.837	ug/l	98
17) Carbon Disulfide	4.03	76	311058	27.930	ug/l	100
18) Methyl Acetate	4.29	43	157793	27.040	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	327857	26.543	ug/l	98
20) Methylene Chloride	4.52	84	111783	26.099	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	105018	27.270	ug/l	99
22) Diisopropyl ether	5.92	45	357450	25.679	ug/l	98
23) Vinyl Acetate	5.86	43	1389341	128.781	ug/l	99
24) 1,1-Dichloroethane	5.82	63	197107	25.352	ug/l	98
25) 2-Butanone	6.81	43	361573	111.590	ug/l	99
26) 2,2-Dichloropropane	6.80	77	167008	24.566	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	116908	26.166	ug/l	98
28) Bromochloromethane	7.17	49	48922	20.915	ug/l	98
29) Tetrahydrofuran	7.18	42	251191	122.008	ug/l	98
30) Chloroform	7.35	83	195564	26.221	ug/l	94
31) Cyclohexane	7.63	56	189635	25.765	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	163434	26.064	ug/l	99
36) 1,1-Dichloropropene	7.77	75	149974	26.154	ug/l	100
37) Ethyl Acetate	6.90	43	150868	23.650	ug/l	98
38) Carbon Tetrachloride	7.75	117	144483	25.315	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	180963	27.191	ug/l	97
40) Benzene	8.02	78	445738	25.813	ug/l	99
41) Methacrylonitrile	7.16	41	72672m	26.198	ug/l	
42) 1,2-Dichloroethane	8.10	62	147041	24.828	ug/l	100
43) Isopropyl Acetate	8.14	43	238942	23.494	ug/l	98
44) Trichloroethene	8.82	130	111815	26.342	ug/l	98
45) 1,2-Dichloropropane	9.10	63	119044	25.381	ug/l	99
46) Dibromomethane	9.19	93	72823	24.916	ug/l	98
47) Bromodichloromethane	9.39	83	145468	24.925	ug/l	97
48) Methyl methacrylate	9.18	41	108623	23.878	ug/l	98
49) 1,4-Dioxane	9.18	88	34803	430.494	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	745197	129.497	ug/l	100
52) Toluene	10.15	92	271123	26.195	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	168726	25.023	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	184503	25.438	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	105241	25.125	ug/l	100
56) Ethyl methacrylate	10.42	69	157661	23.595	ug/l	98
57) 1,3-Dichloropropane	10.70	76	183164	25.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	273790	117.449	ug/l	98
59) 2-Hexanone	10.74	43	528108	119.566	ug/l	98
60) Dibromochloromethane	10.90	129	109837	24.801	ug/l	99
61) 1,2-Dibromoethane	11.00	107	108111	25.496	ug/l	100
64) Tetrachloroethene	10.62	164	99355	26.700	ug/l	99
65) Chlorobenzene	11.43	112	280571	26.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	102457	25.603	ug/l	98
67) Ethyl Benzene	11.51	91	510569	26.976	ug/l	98
68) m/p-Xylenes	11.62	106	385241	54.337	ug/l	98
69) o-Xylene	11.95	106	183897	26.840	ug/l	96
70) Styrene	11.96	104	282382	26.205	ug/l	99
71) Bromoform	12.13	173	76254	24.498	ug/l #	99
73) Isopropylbenzene	12.25	105	491113	27.408	ug/l	100
74) N-amyl acetate	12.07	43	185556	24.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	152714	25.027	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	140721m	25.092	ug/l	
77) Bromobenzene	12.53	156	115956	25.757	ug/l	97
78) n-propylbenzene	12.59	91	556226	27.111	ug/l	99
79) 2-Chlorotoluene	12.67	91	333397	26.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	412575	27.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52092	24.534	ug/l	99
82) 4-Chlorotoluene	12.77	91	339460	26.592	ug/l	99
83) tert-Butylbenzene	12.99	119	349467	26.653	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	402131	27.375	ug/l	100
85) sec-Butylbenzene	13.17	105	461495	27.063	ug/l	100
86) p-Isopropyltoluene	13.29	119	412486	27.395	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	199603	25.892	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	198535	25.740	ug/l	100
89) n-Butylbenzene	13.62	91	349030	26.485	ug/l	99
90) Hexachloroethane	13.88	117	75579	24.997	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	197807	26.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30412	24.994	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	102989	24.067	ug/l	99
94) Hexachlorobutadiene	15.01	225	70308	26.888	ug/l	98
95) Naphthalene	15.13	128	261567	22.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	100647	23.682	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion:168 Resp: 384601

Ion Ratio Lower Upper

168 100

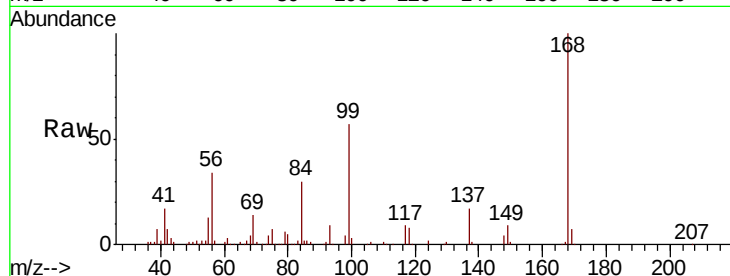
99 56.5 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.64

150000

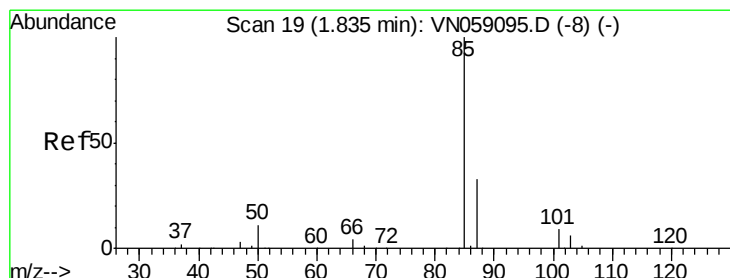
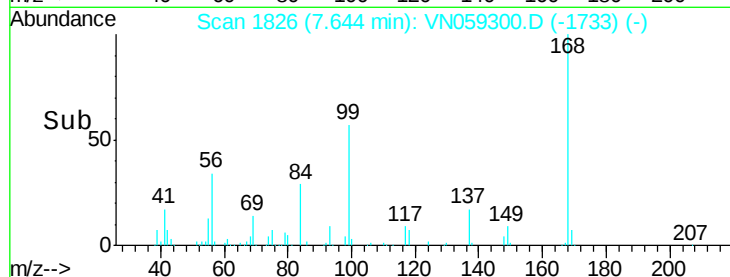
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 33.644 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059300.D

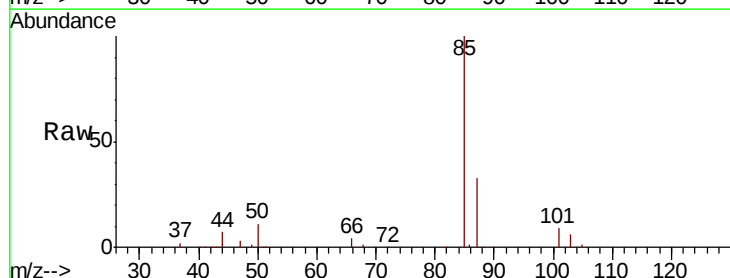
Acq: 19 Nov 2019 12:24

Tgt Ion: 85 Resp: 130371

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC

1.83

100000

80000

60000

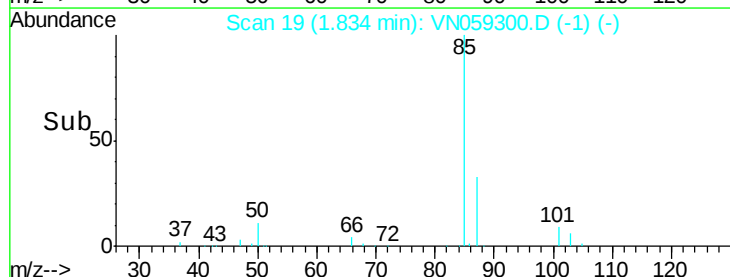
40000

20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 28.092 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 50 Resp: 147972

Ion Ratio Lower Upper

50 100

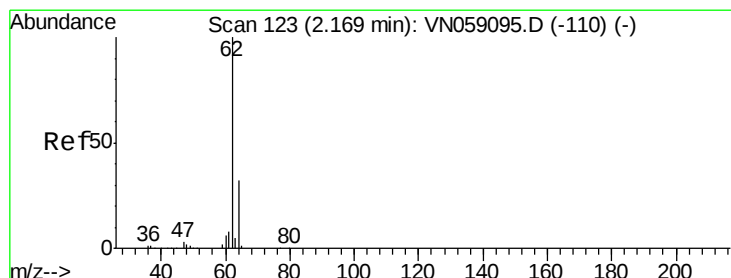
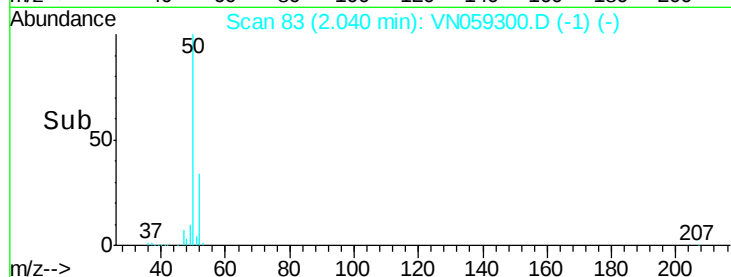
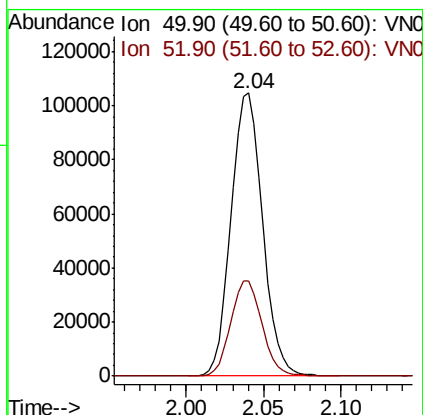
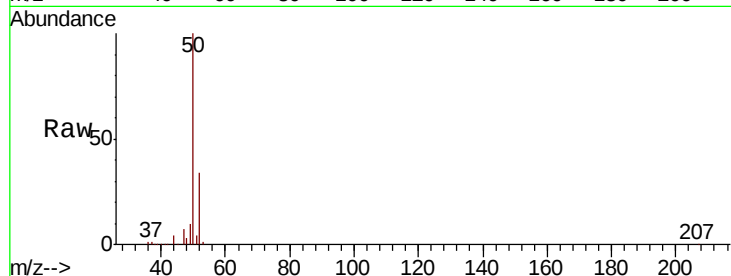
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 31.090 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059300.D

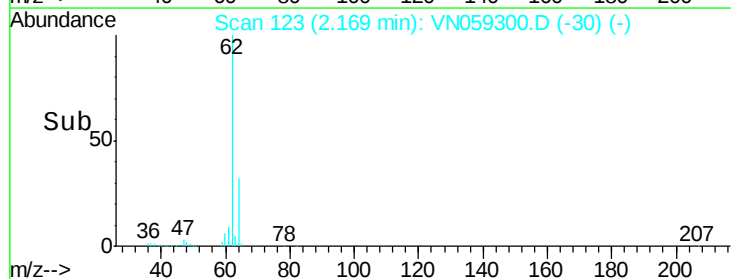
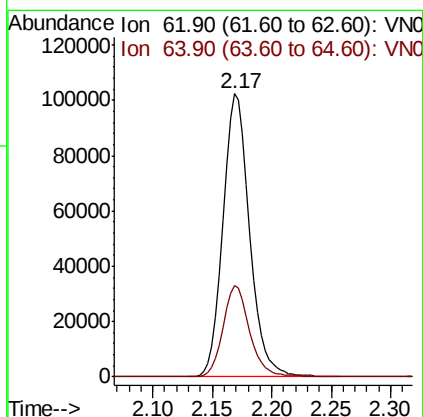
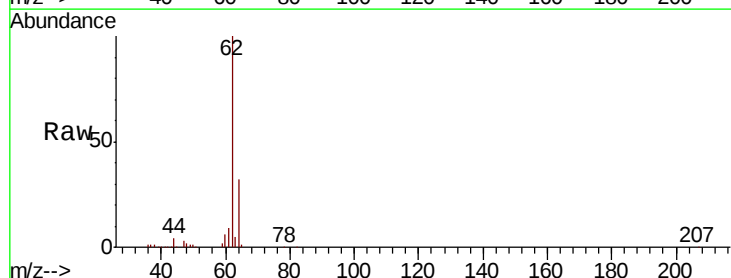
Acq: 19 Nov 2019 12:24

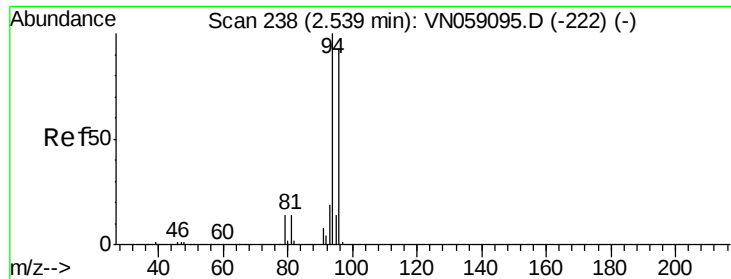
Tgt Ion: 62 Resp: 158771

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 27.908 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 94 Resp: 82017

Ion Ratio Lower Upper

94 100

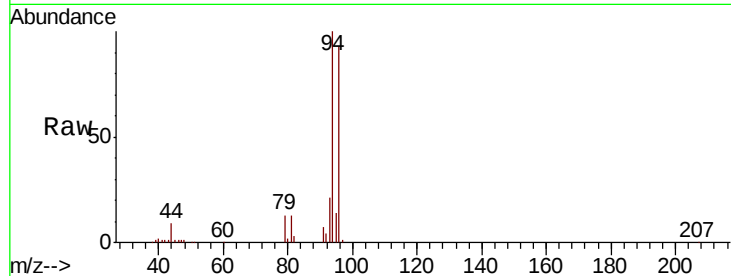
96 93.4 74.2 111.2

Manual Integrations

APPROVED

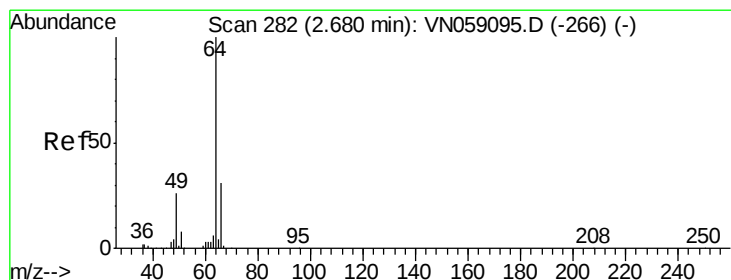
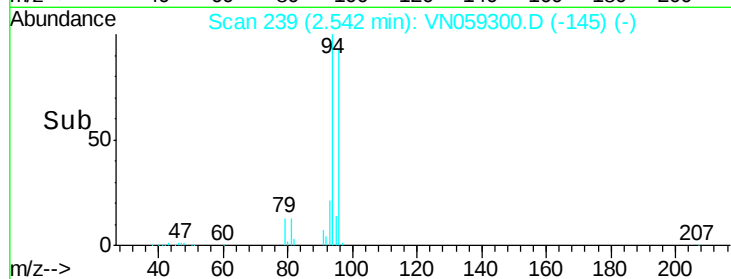
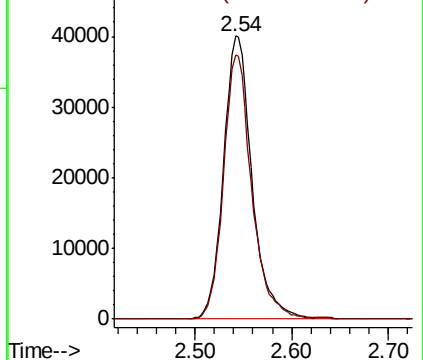
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 26.505 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059300.D

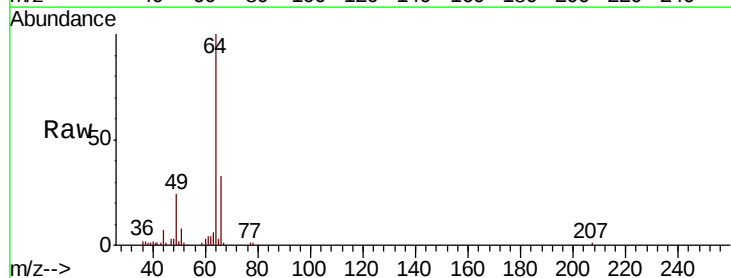
Acq: 19 Nov 2019 12:24

Tgt Ion: 64 Resp: 80072

Ion Ratio Lower Upper

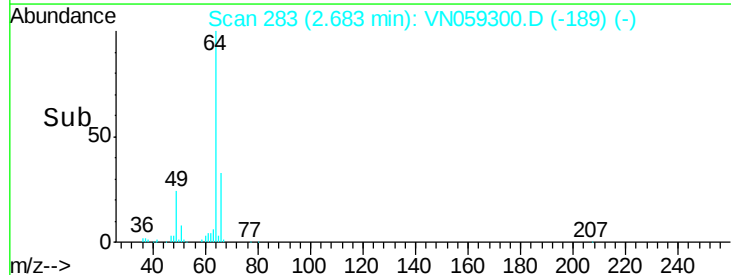
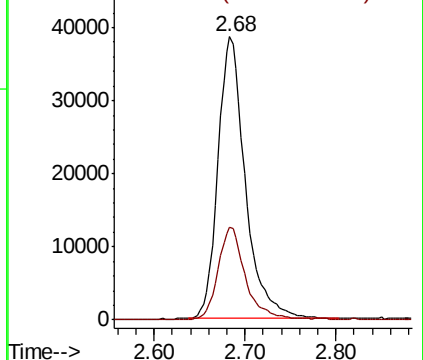
64 100

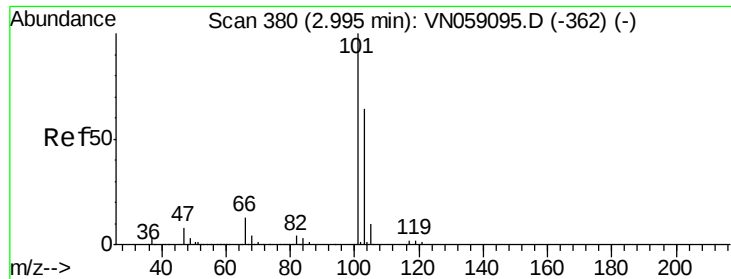
66 32.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

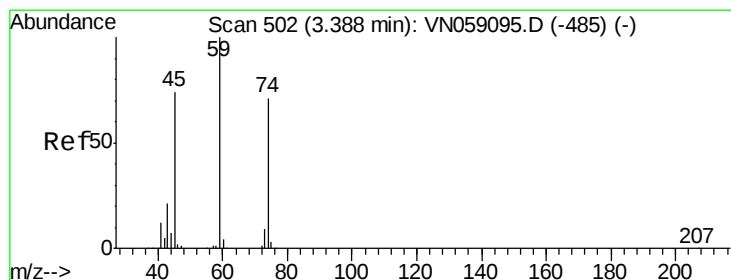
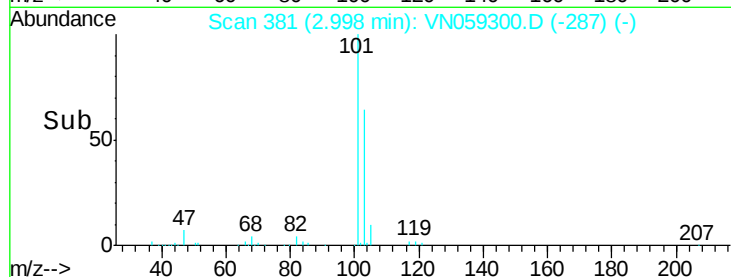
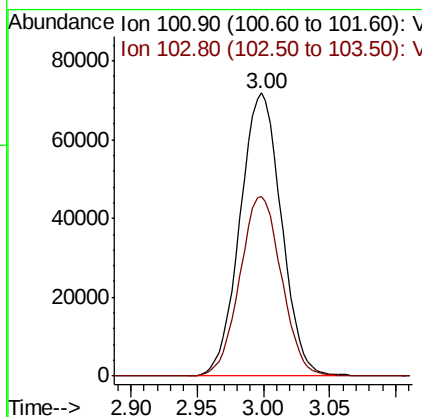
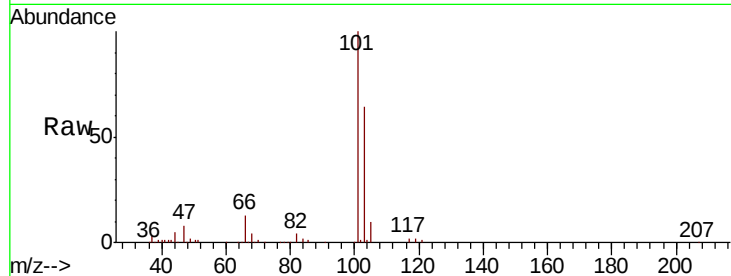
Trichlorofluoromethane
Concen: 25.461 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.2	76.8

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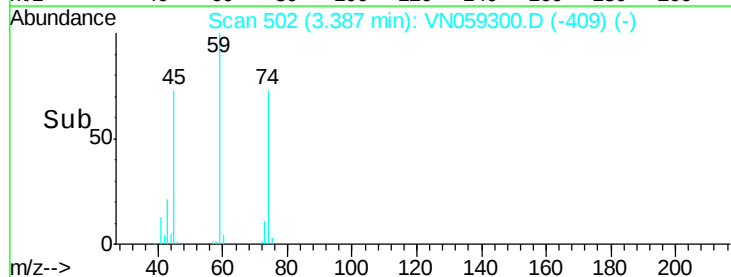
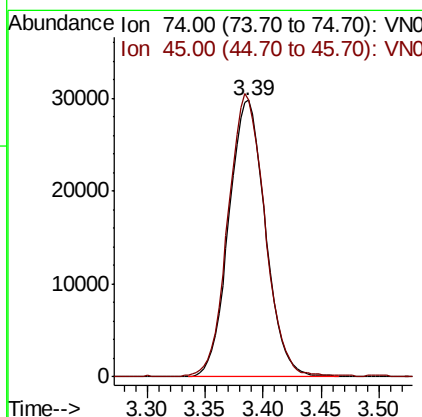
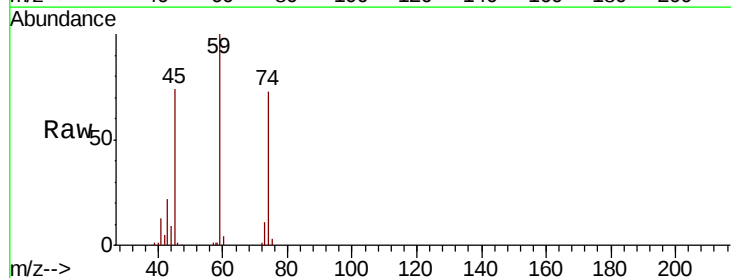
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11/20/2019 1:37:33 PM

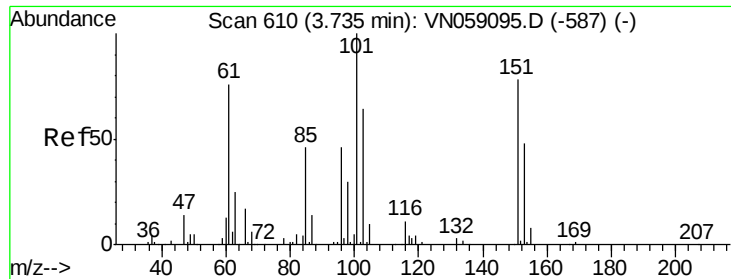


#8

Diethyl Ether
Concen: 26.376 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	51.6	154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.607 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

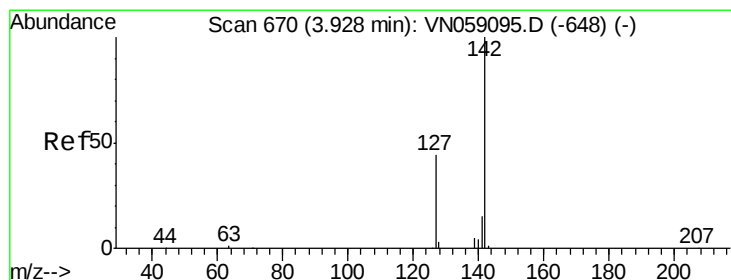
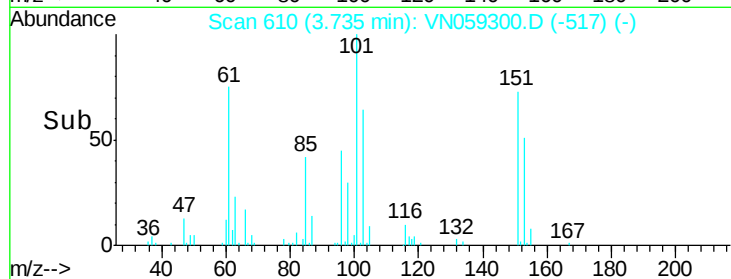
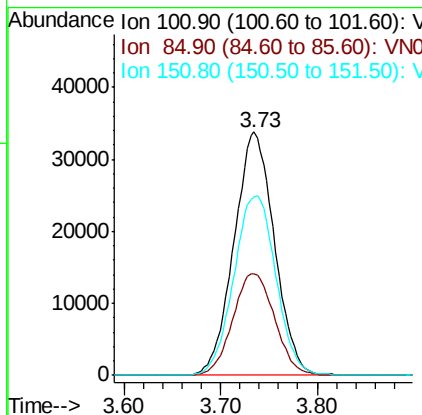
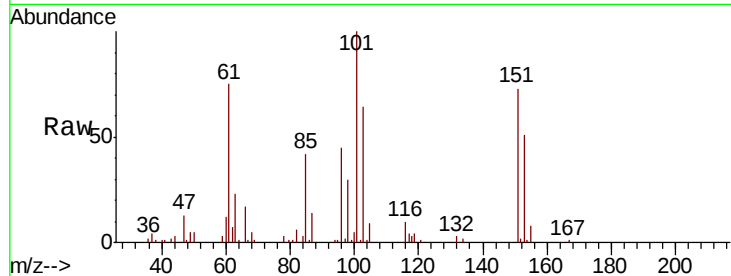
ClientSampleId :

VN1119WBS01

Tot Ion:	101	Resp:	97994
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	77.0	62.2	93.2

Manual Integrations
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#10

Methyl Iodide

Concen: 24.581 ug/l

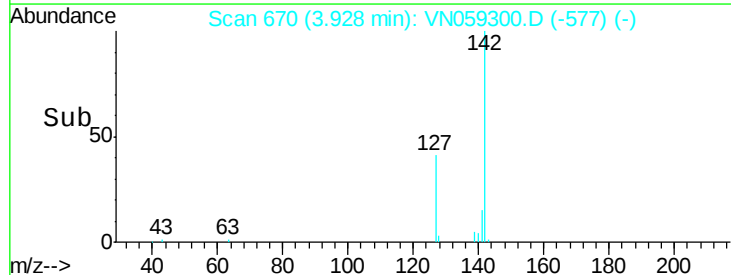
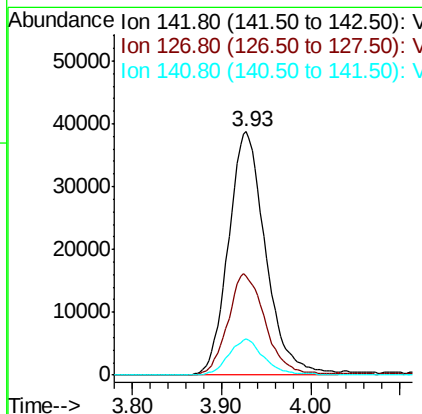
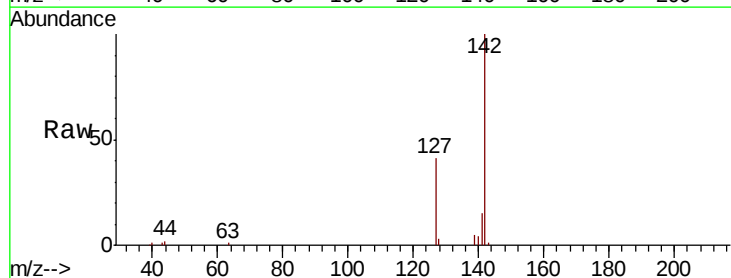
RT: 3.93 min Scan# 670

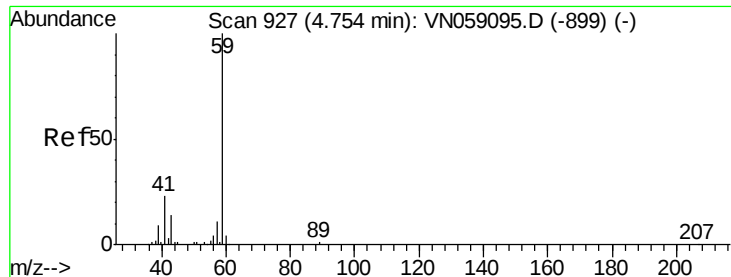
Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	142	Resp:	112062
Ion Ratio	Lower	Upper	
142	100		
127	41.7	34.2	51.2
141	14.0	11.4	17.0





#11

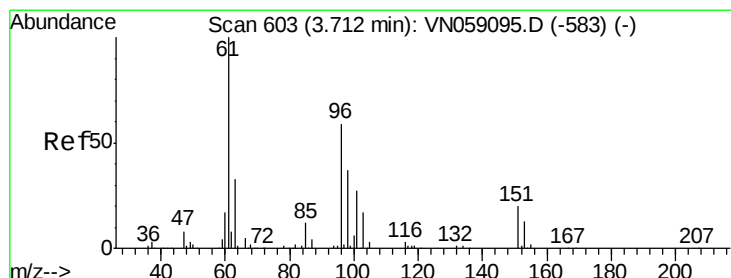
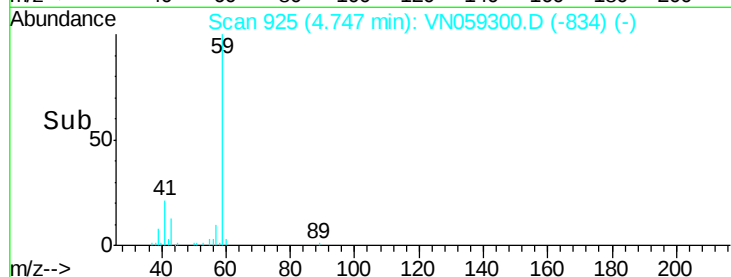
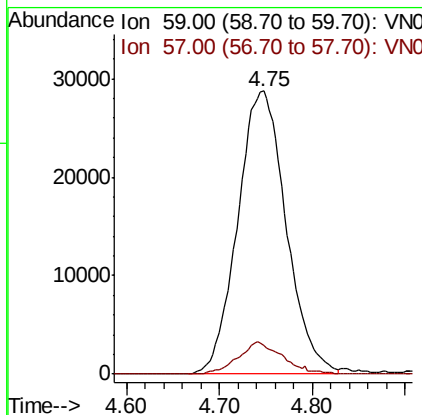
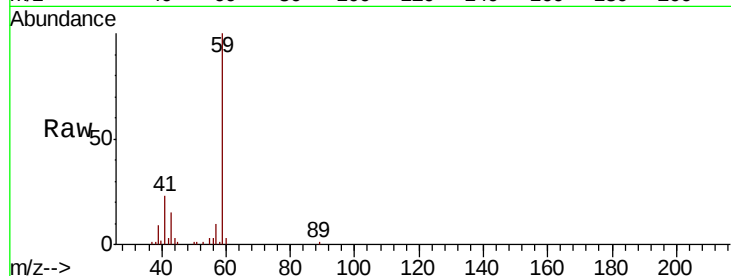
Tert butyl alcohol
Concen: 115.557 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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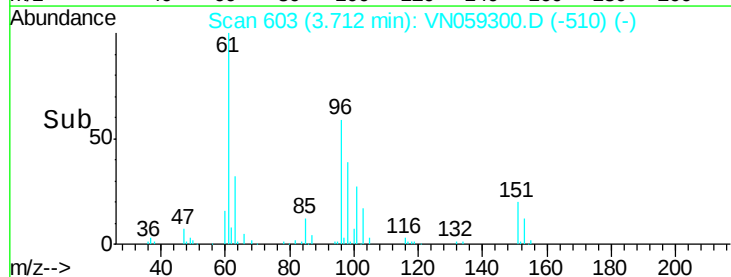
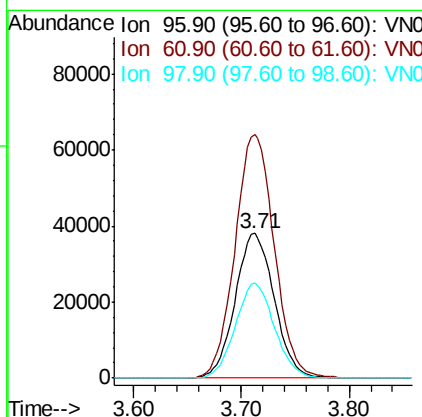
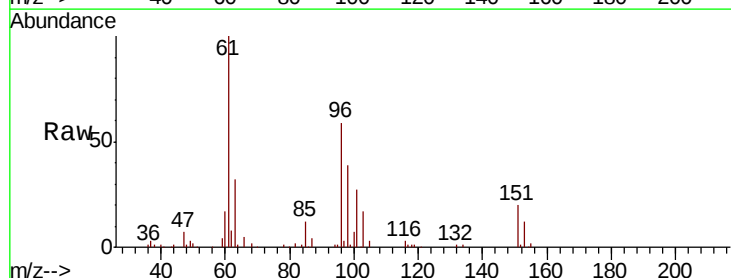
MMDadoda
11/20/2019 1:37:33 PM

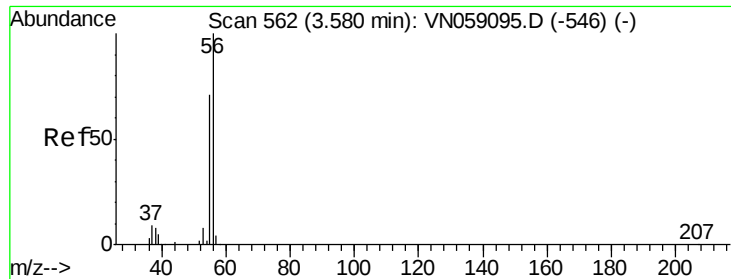


#12

1,1-Dichloroethene
Concen: 26.744 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.2	136.5	204.7
98	65.9	50.2	75.4





#13

Acrolein

Concen: 84.032 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 56 Resp: 39036

Ion Ratio Lower Upper

56 100

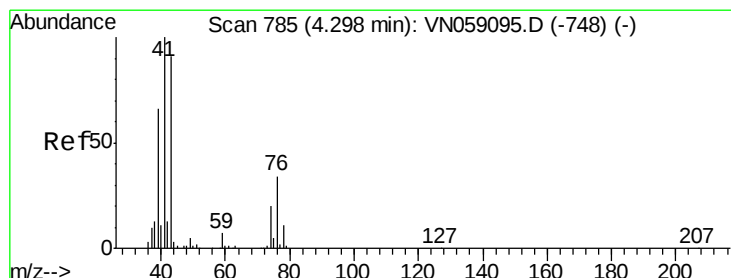
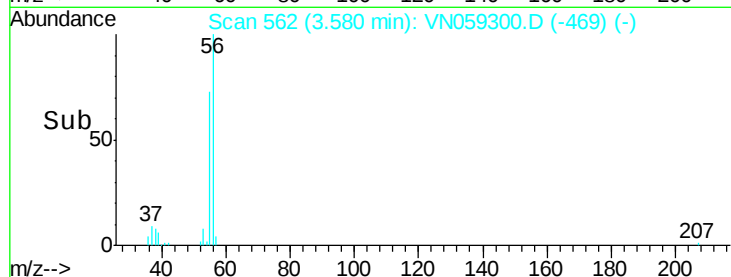
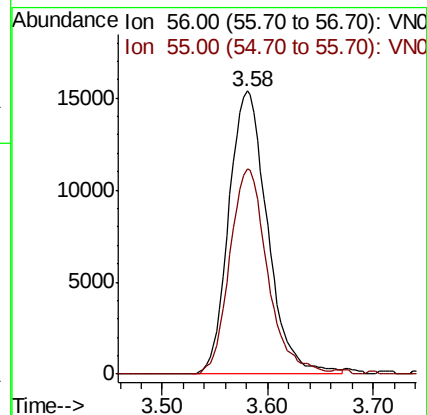
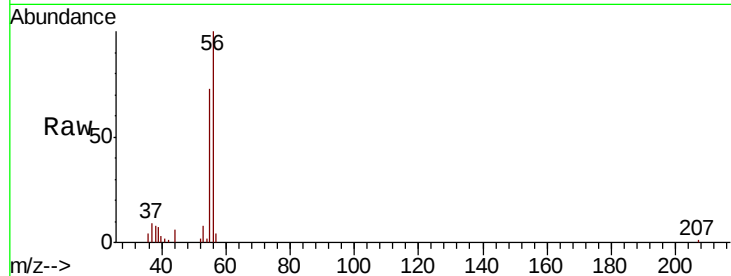
55 71.0 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 24.704 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

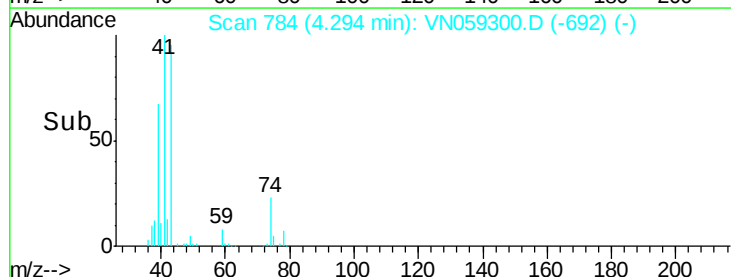
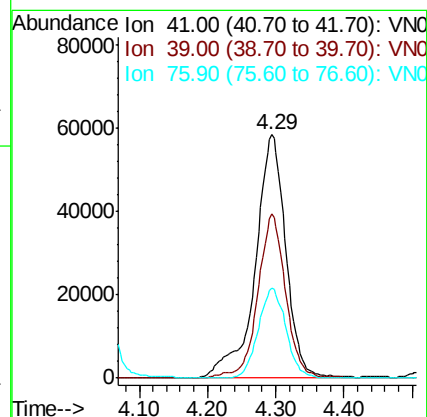
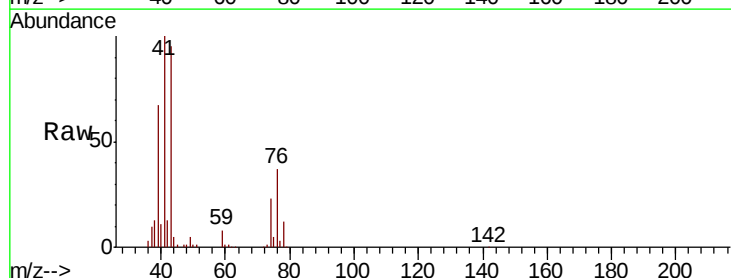
Tgt Ion: 41 Resp: 182059

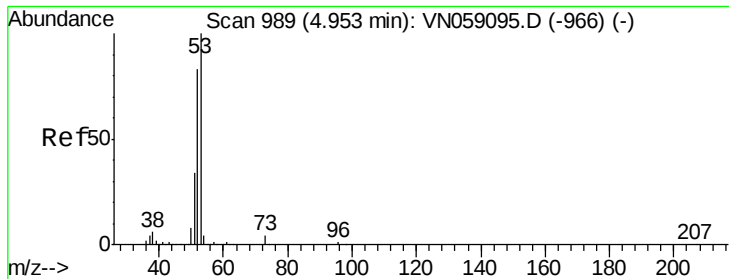
Ion Ratio Lower Upper

41 100

39 61.2 49.1 73.7

76 33.4 24.9 37.3





#15

Acrylonitrile

Concen: 124.446 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

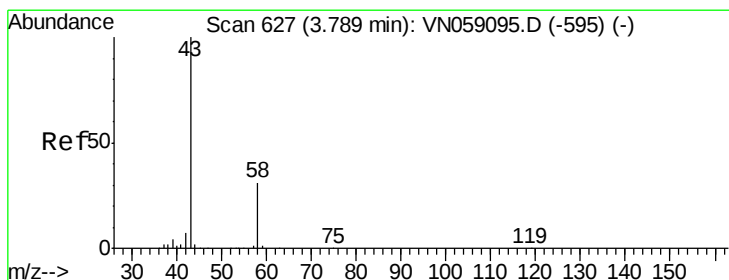
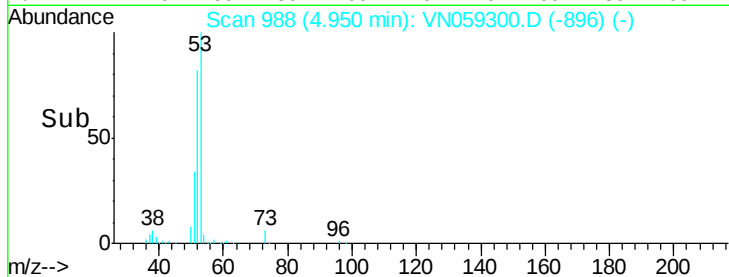
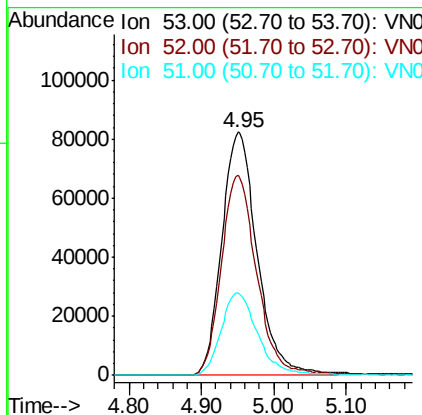
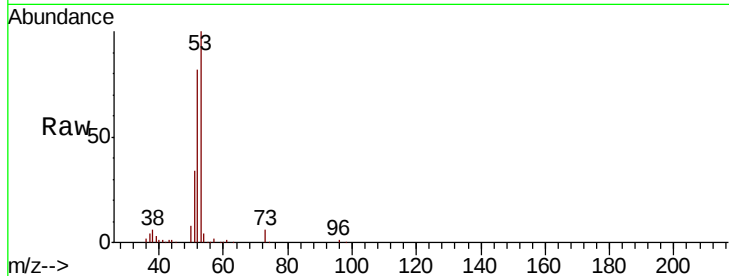
ClientSampleId :

VN1119WBS01

Tot Ion:	53	Resp:	279043
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	35.1	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 94.837 ug/l

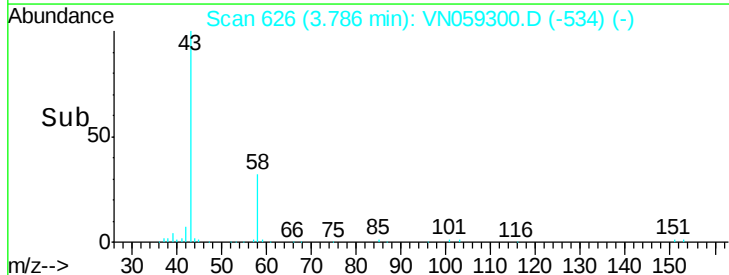
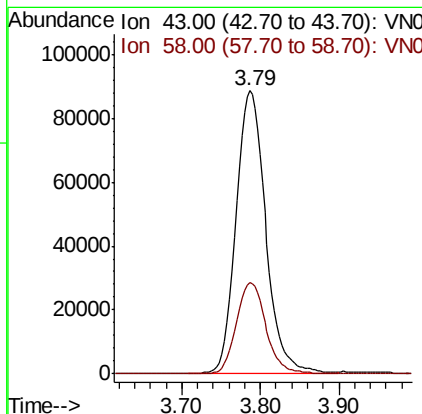
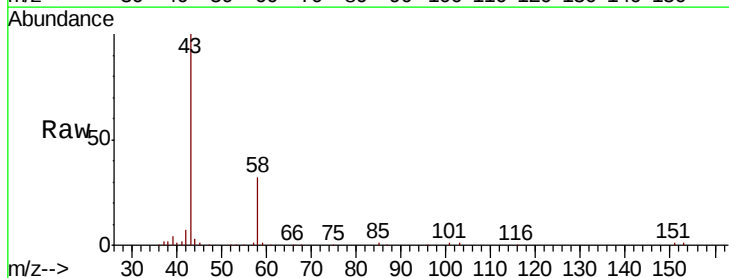
RT: 3.79 min Scan# 626

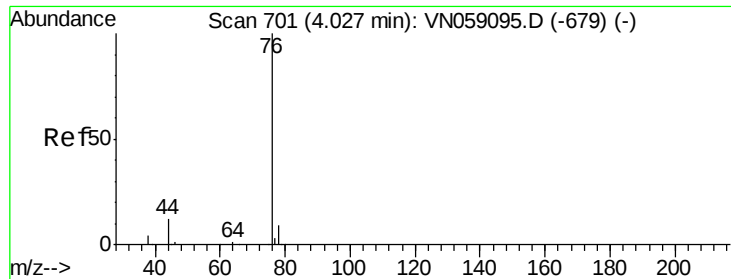
Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	43	Resp:	233158
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.9	37.3





#17

Carbon Disulfide

Concen: 27.930 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 76 Resp: 311058

Ion Ratio Lower Upper

76 100

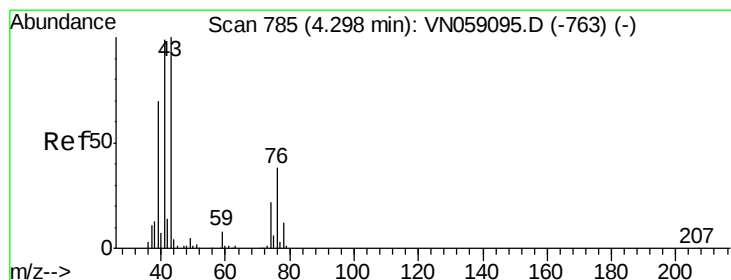
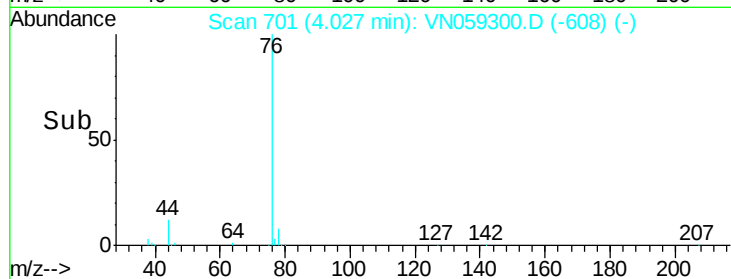
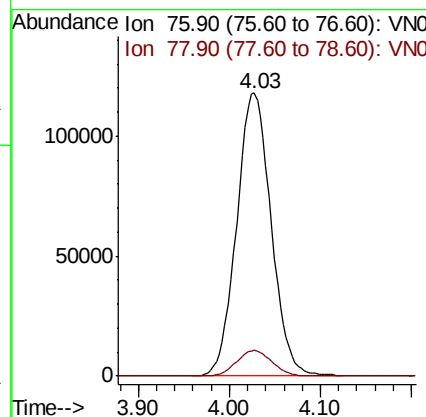
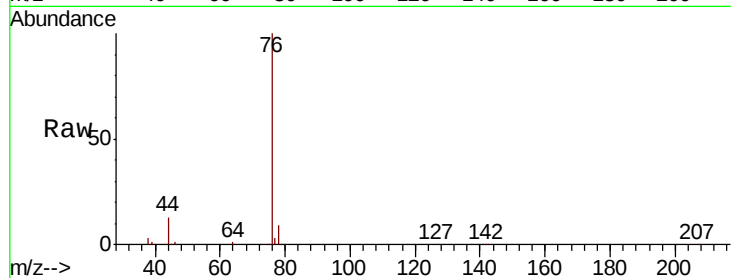
78 9.1 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 27.040 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059300.D

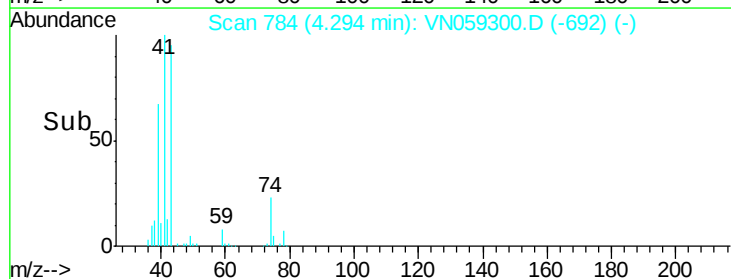
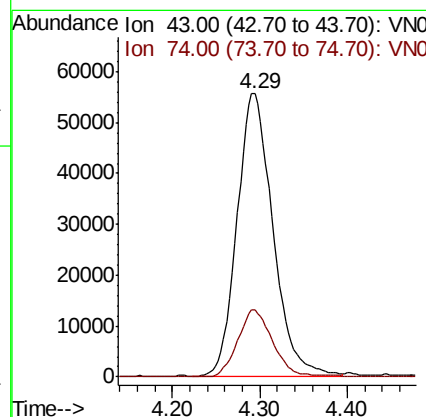
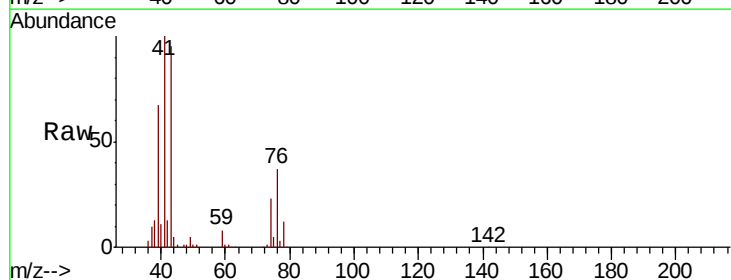
Acq: 19 Nov 2019 12:24

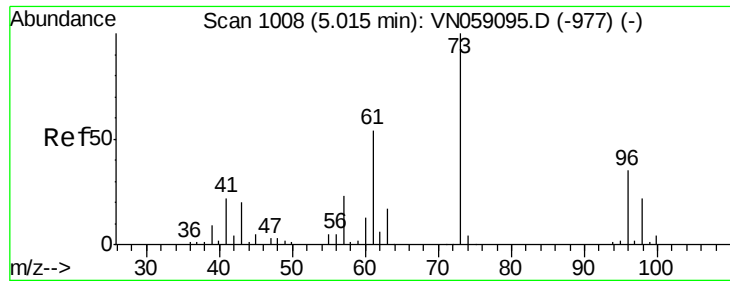
Tgt Ion: 43 Resp: 157793

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8





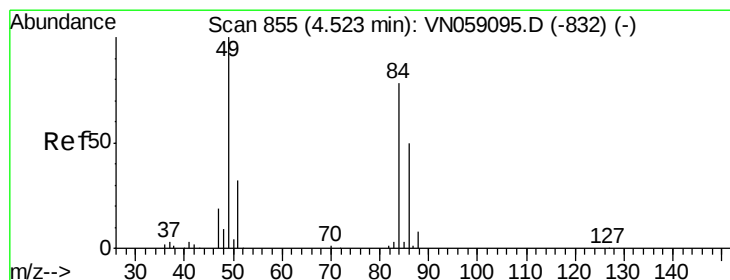
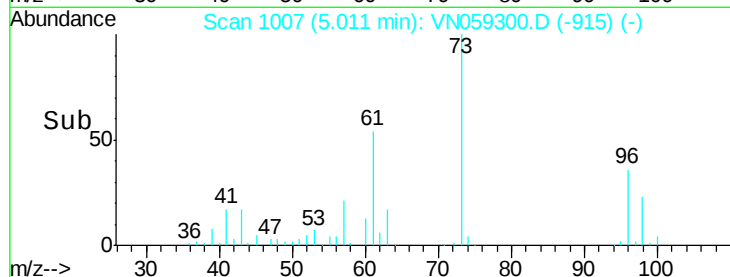
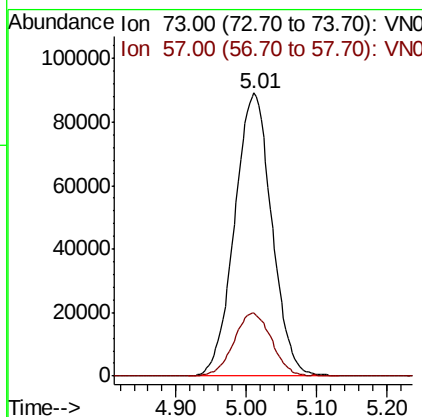
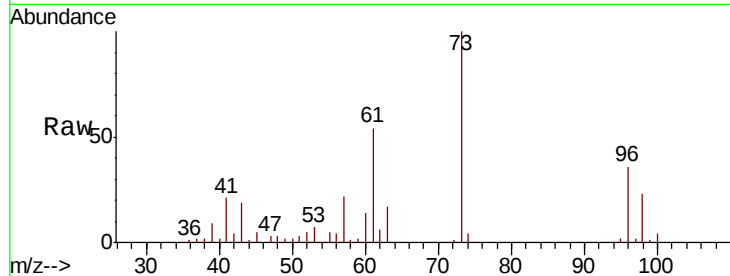
#19
Methvl tert-butvl Ether
Concen: 26.543 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 73 Resp: 327857
Ion Ratio Lower Upper
73 100
57 22.2 18.4 27.6

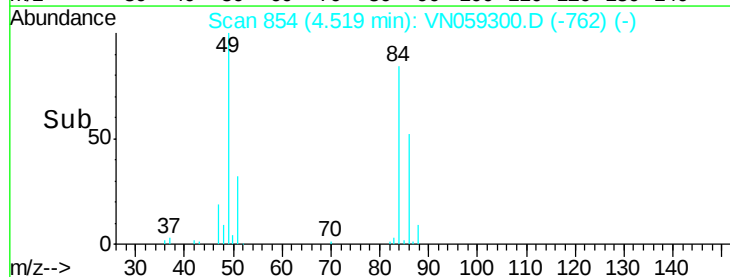
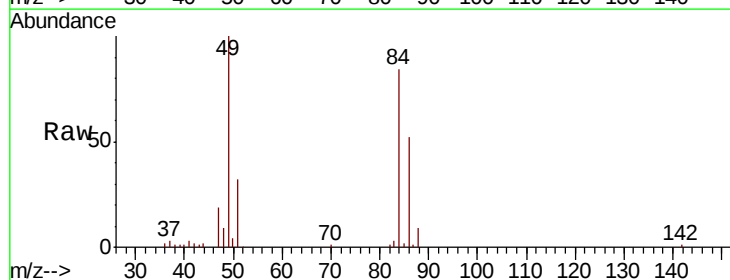
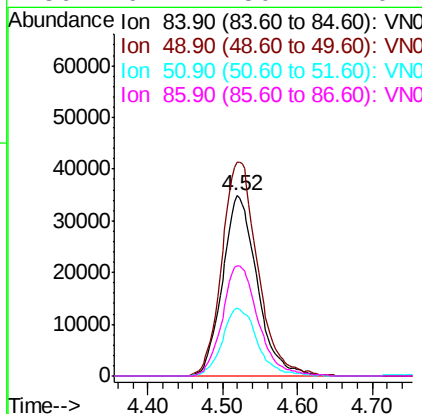
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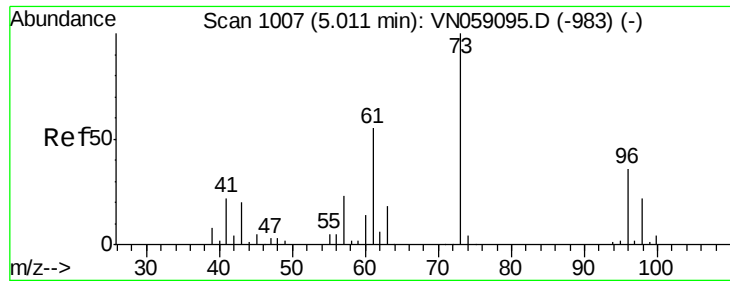
MMDadoda
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#20
Methylene Chloride
Concen: 26.099 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 84 Resp: 111783
Ion Ratio Lower Upper
84 100
49 118.4 102.0 153.0
51 37.9 32.2 48.2
86 61.2 50.7 76.1





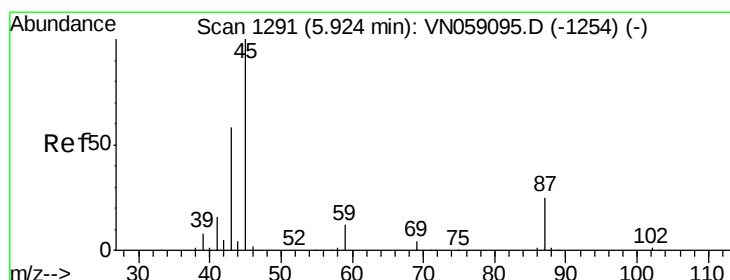
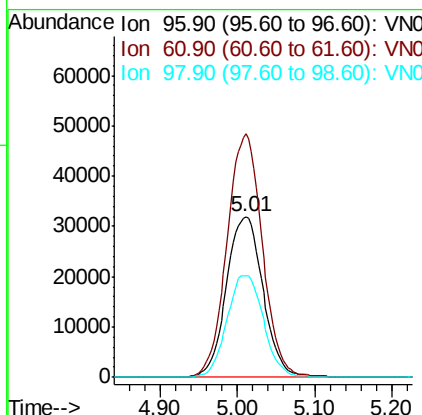
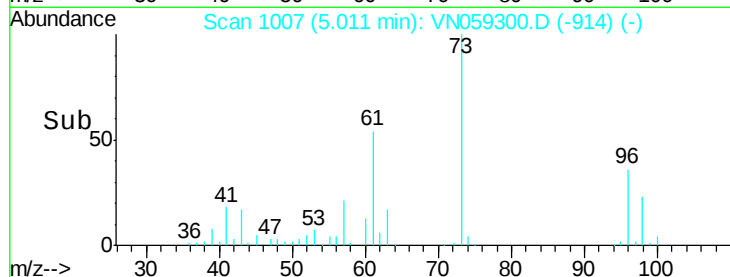
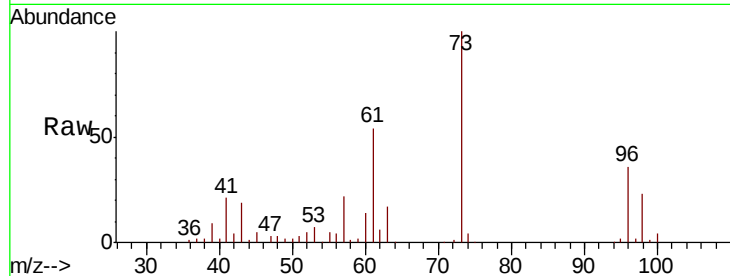
#21
trans-1,2-Dichloroethene
Concen: 27.270 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	122.6	183.8
98	63.0	50.3	75.5

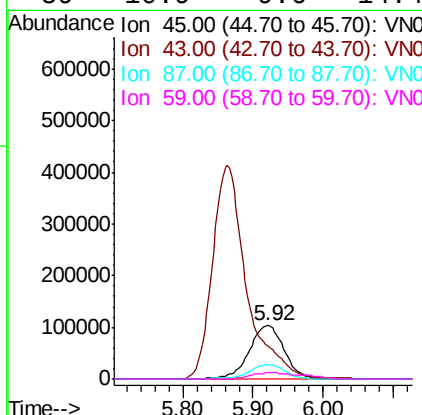
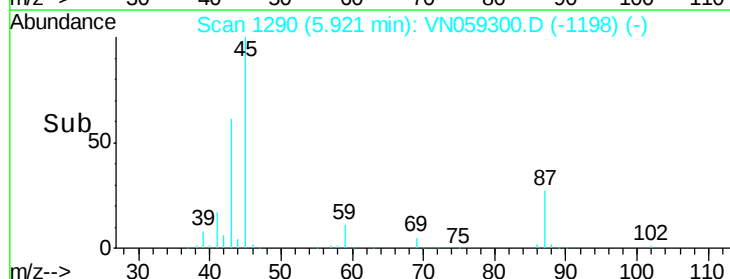
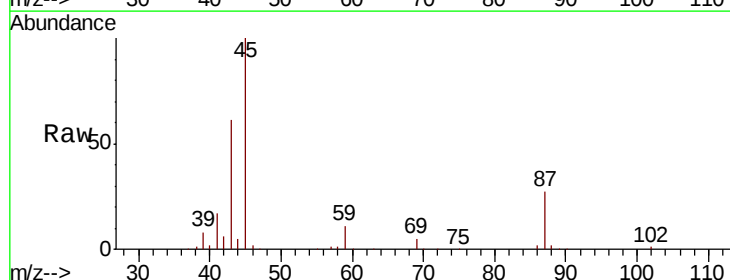
Manual Integrations
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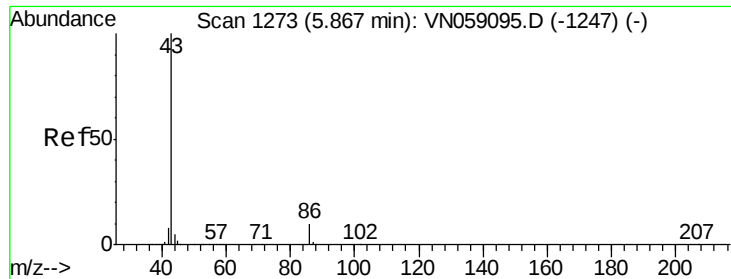
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#22
Diisopropyl ether
Concen: 25.679 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.7	46.7	70.1
87	27.0	20.5	30.7
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 128.781 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 43 Resp: 1389341

Ion Ratio Lower Upper

43 100

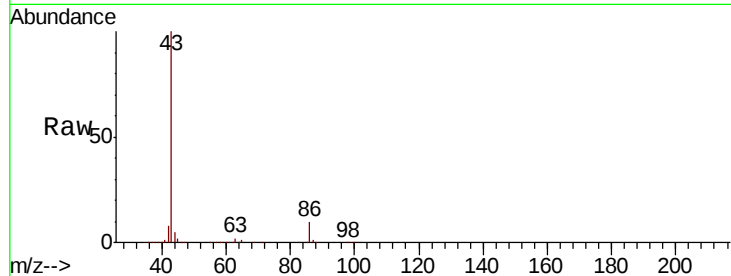
86 10.1 7.7 11.5

Manual Integrations

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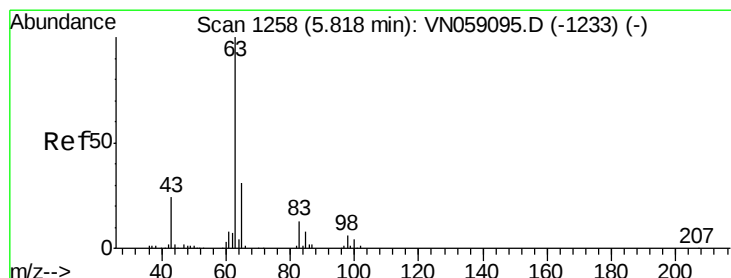
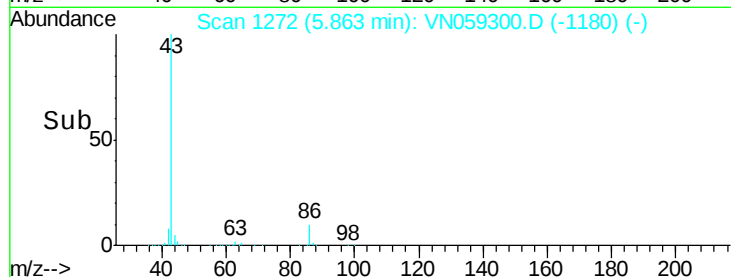
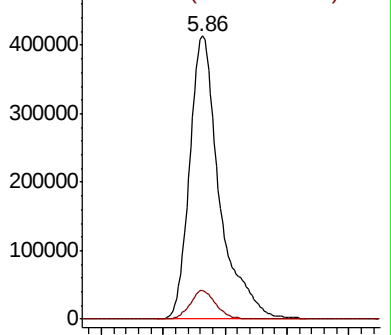
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 25.352 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

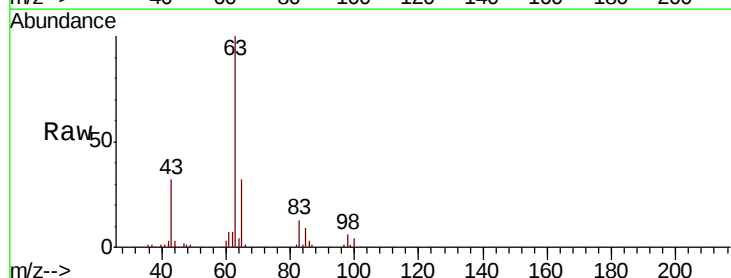
Tgt Ion: 63 Resp: 197107

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

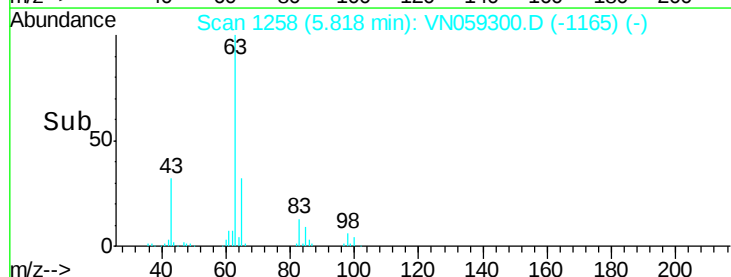
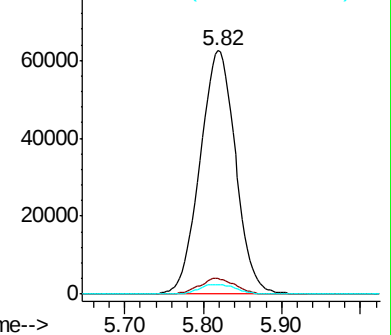
100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO





#25

2-Butanone

Concen: 111.590 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 43 Resp: 361573

Ion Ratio Lower Upper

43 100

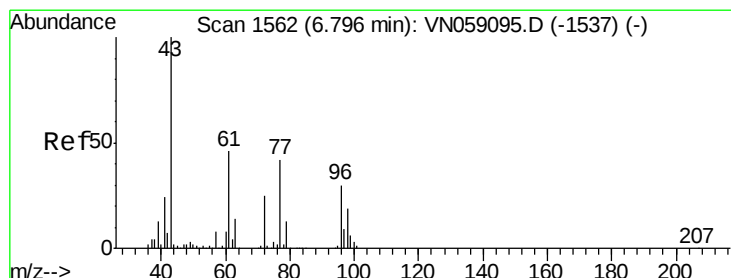
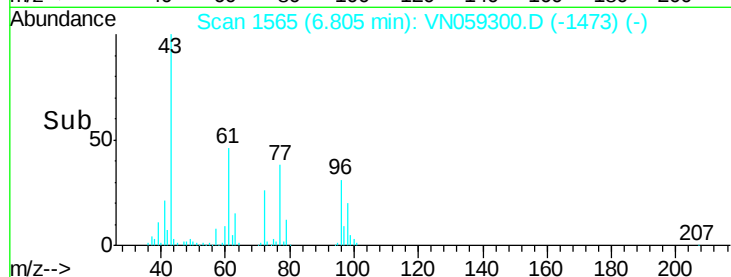
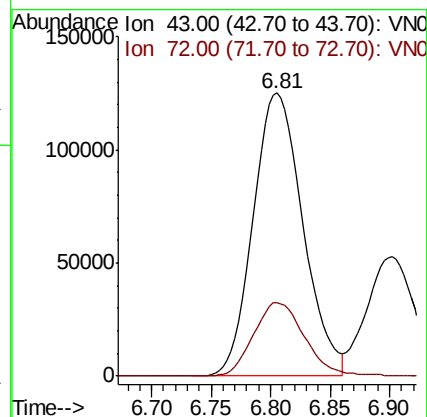
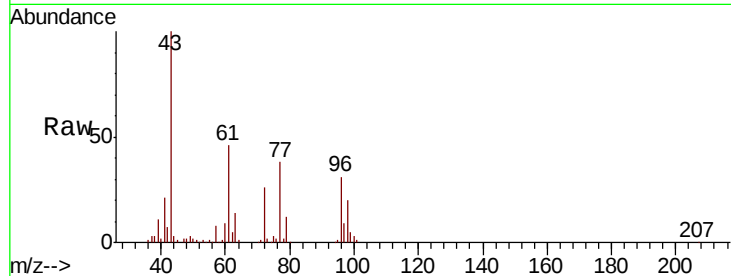
72 26.1 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 24.566 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059300.D

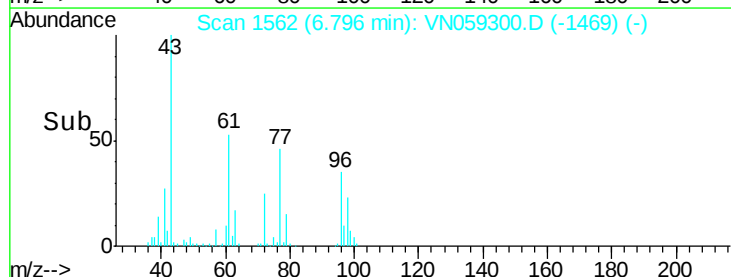
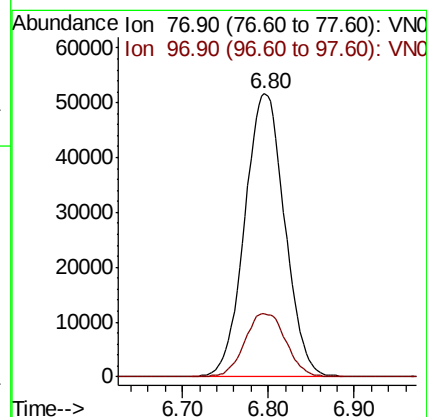
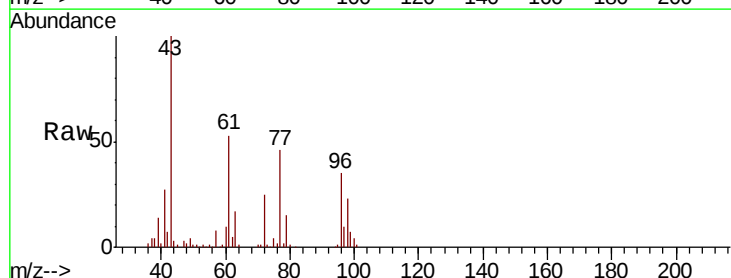
Acq: 19 Nov 2019 12:24

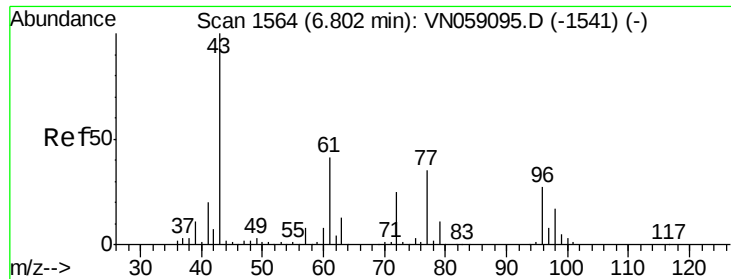
Tgt Ion: 77 Resp: 167008

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 26.166 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

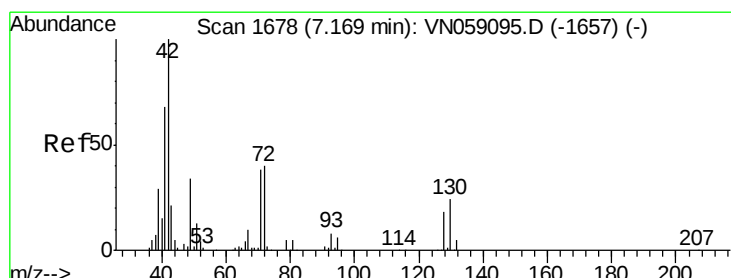
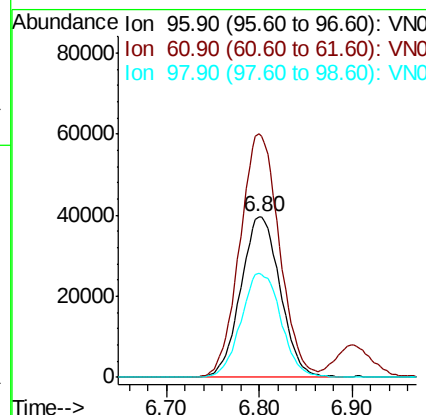
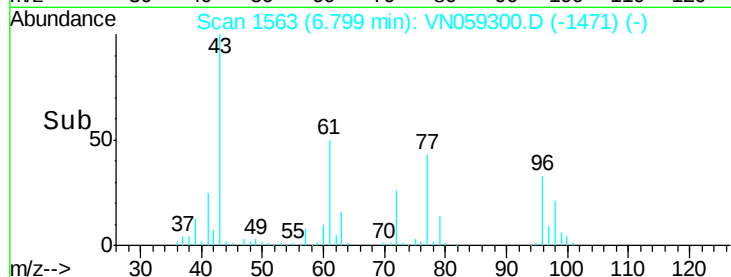
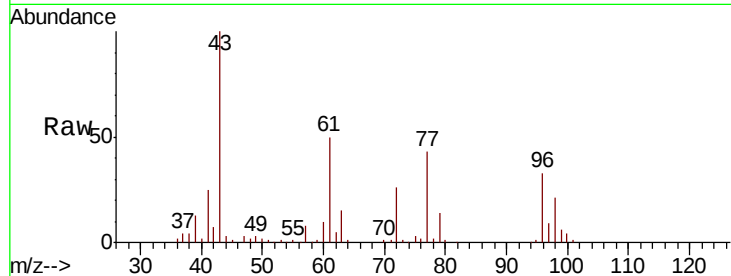
ClientSampleId :

VN1119WBS01

Tot Ion:	96	Resp:	116908
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	311.6
98	65.6	0.0	129.8

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#28

Bromochloromethane

Concen: 20.915 ug/l

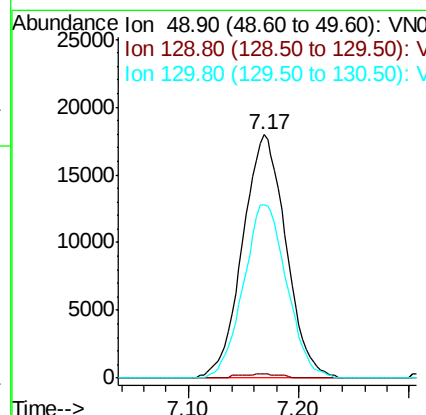
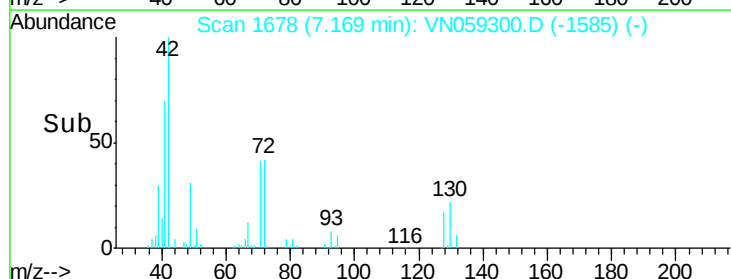
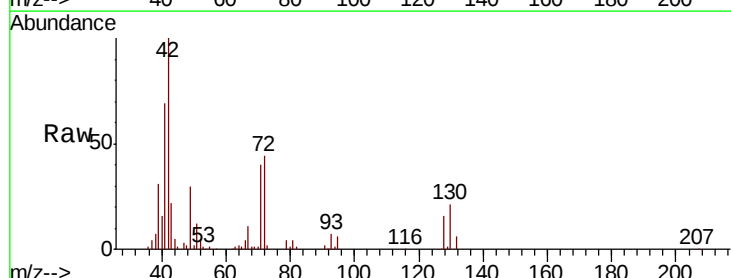
RT: 7.17 min Scan# 1678

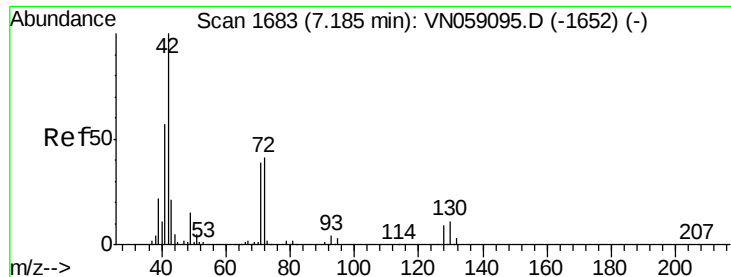
Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	49	Resp:	48922
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	71.1	55.6	83.4





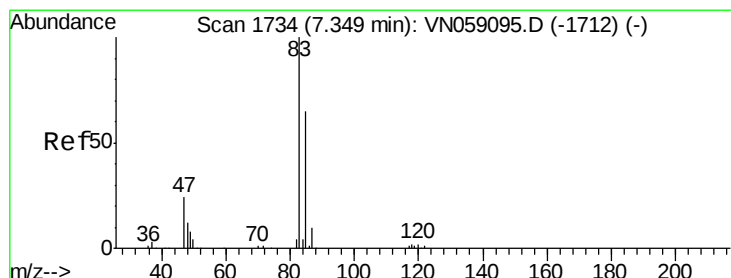
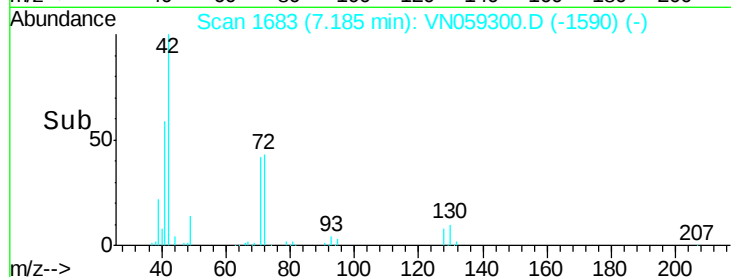
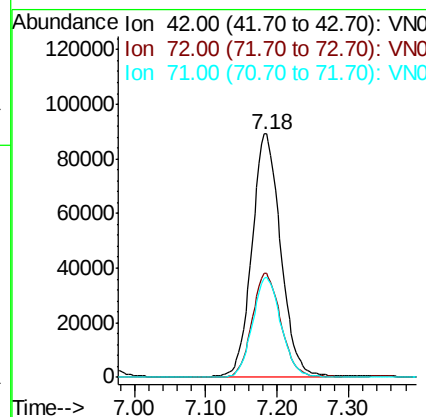
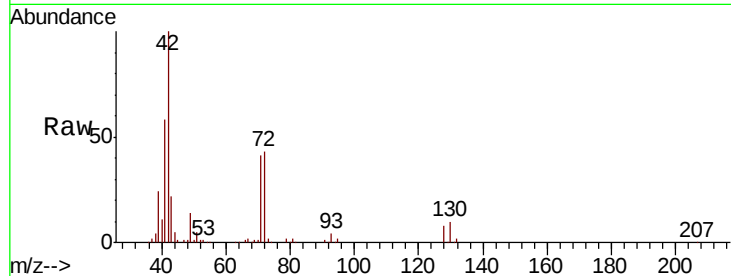
#29
Tetrahydrofuran
Concen: 122.008 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.1	49.7
71	40.5	30.9	46.3

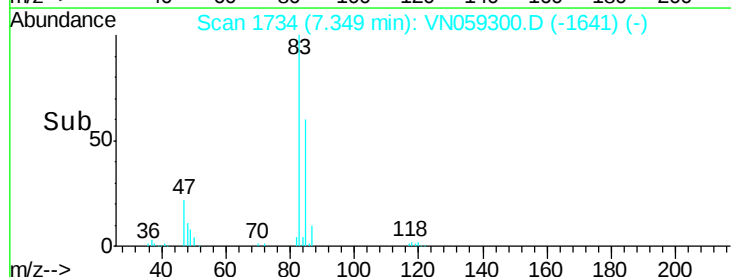
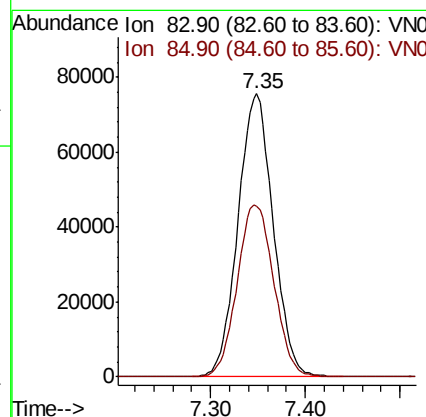
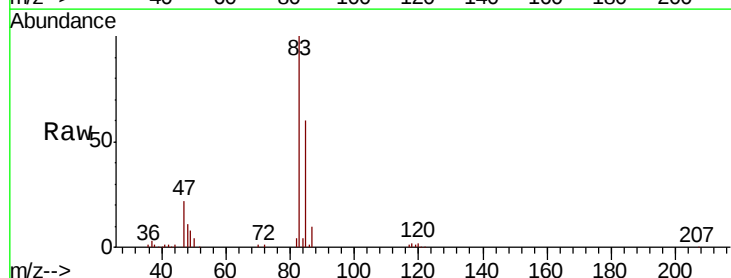
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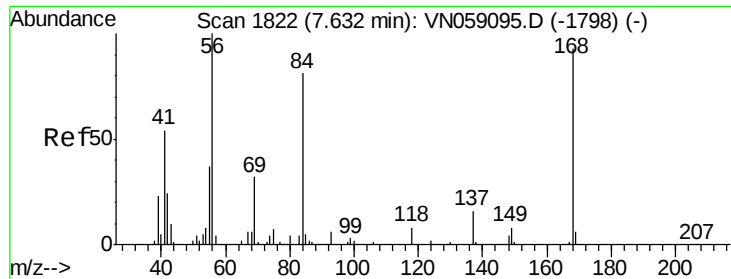
MMDadoda
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#30
Chloroform
Concen: 26.221 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.8	77.8





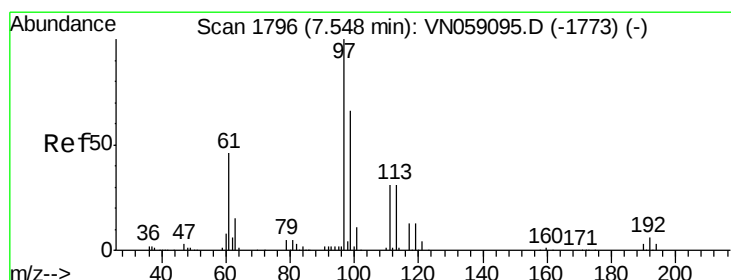
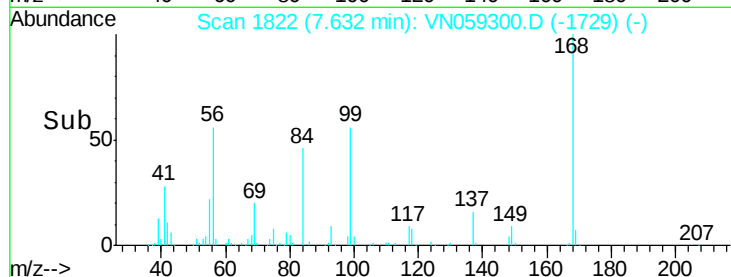
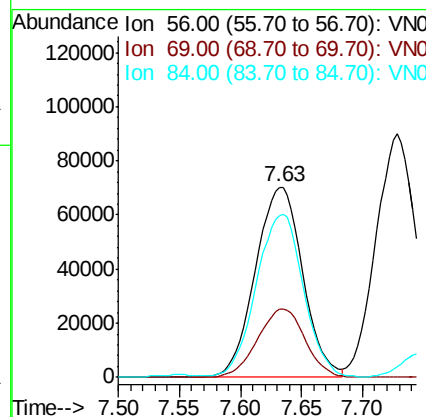
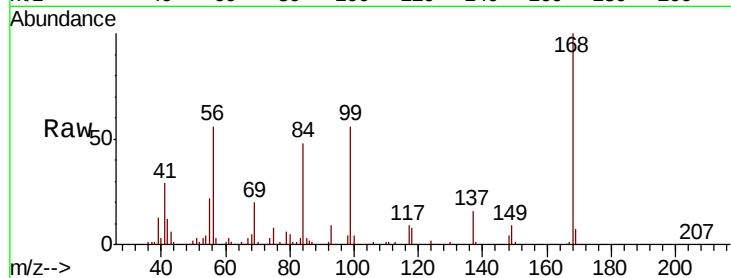
#31
Cyclohexane
Concen: 25.765 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.8	38.8
84	84.3	65.0	97.4

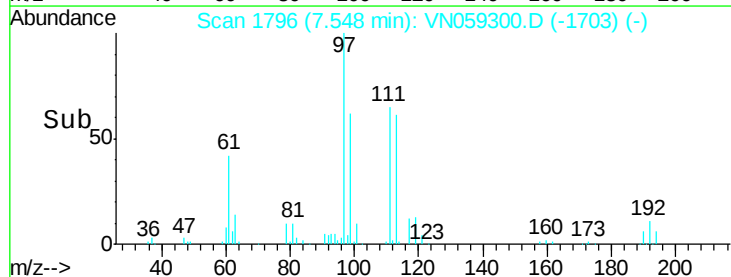
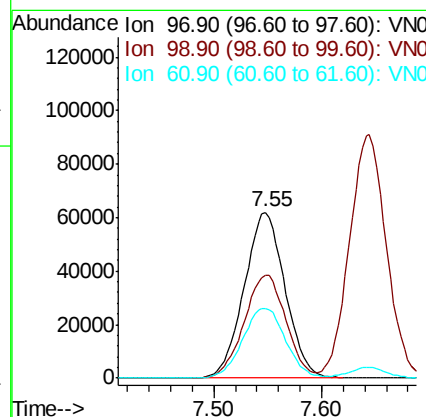
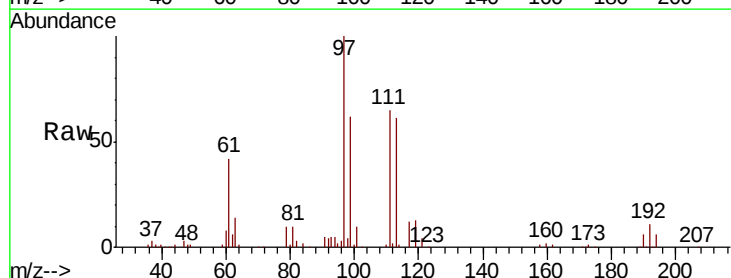
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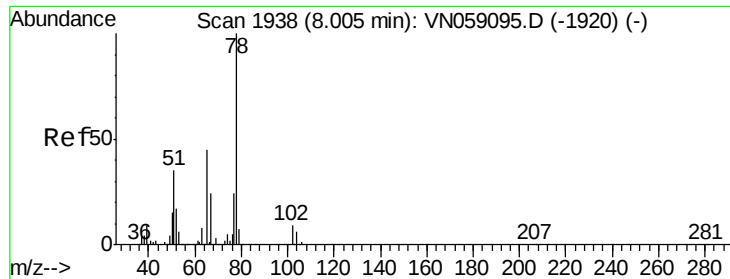
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#32
1,1,1-Trichloroethane
Concen: 26.064 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.6
61	44.2	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 48.468 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 65 Resp: 229143

Ion Ratio Lower Upper

65 100

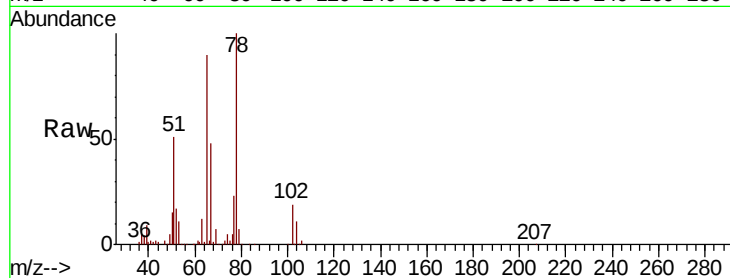
67 53.8 0.0 107.4

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Abundance Ion 64.90 (64.60 to 65.60): VN059300.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059300.D (-1845) (-)

8.00

100000

80000

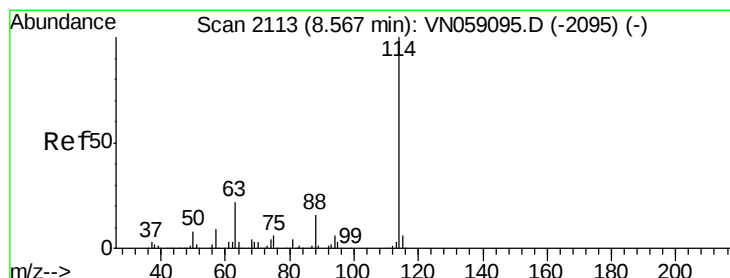
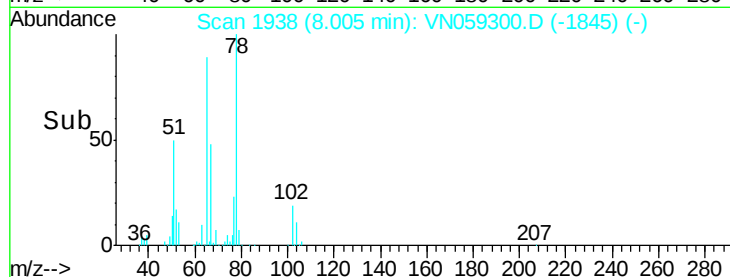
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

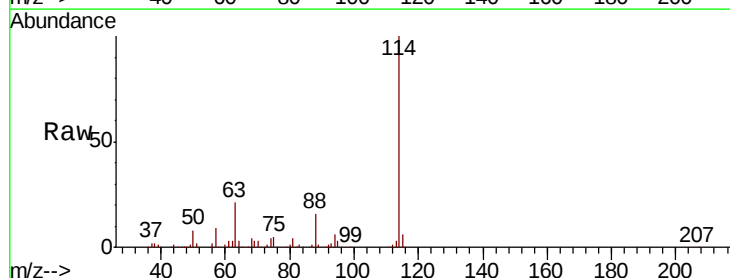
Tgt Ion: 114 Resp: 613491

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.4

88 16.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059300.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059300.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059300.D (-2020) (-)

8.57

400000

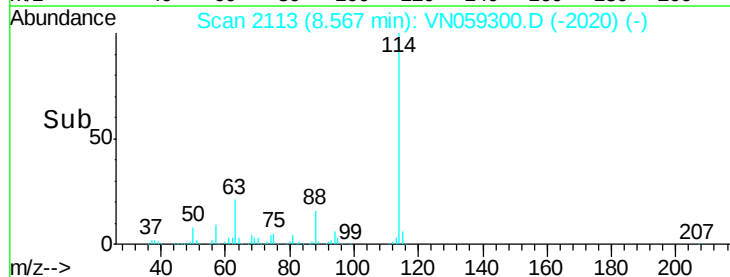
300000

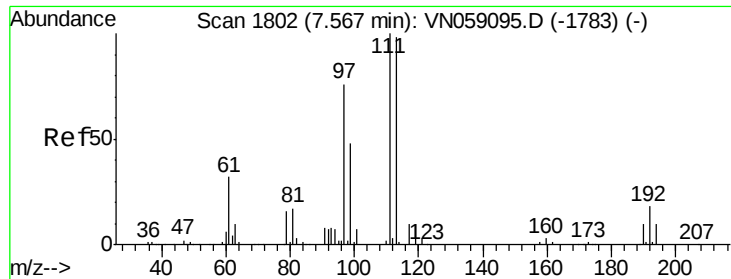
200000

100000

0

Time-->





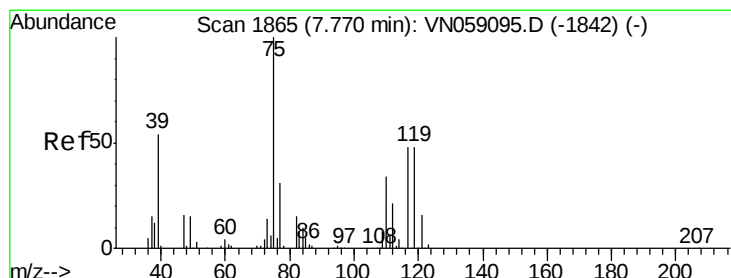
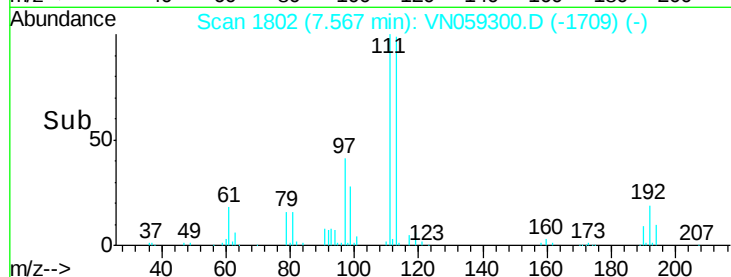
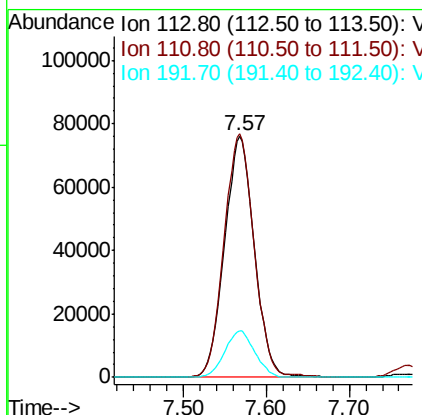
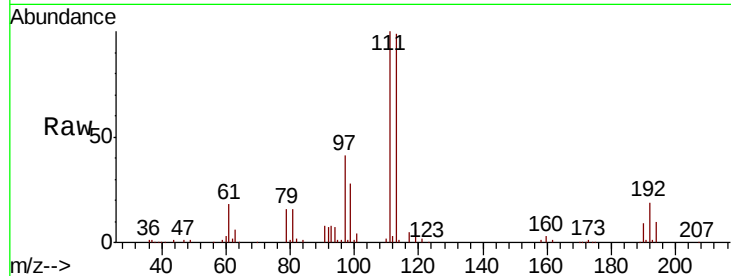
#35
Dibromofluoromethane
Concen: 51.820 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189824		
111	102.0	82.8	124.2	
192	19.3	16.1	24.1	

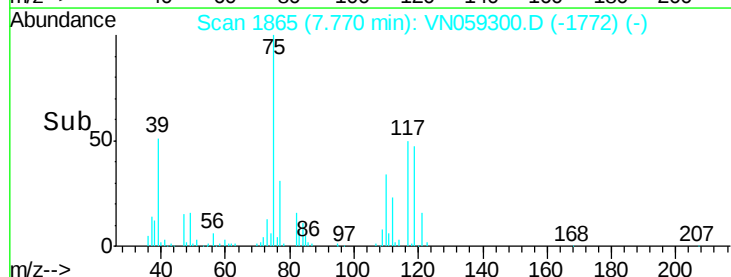
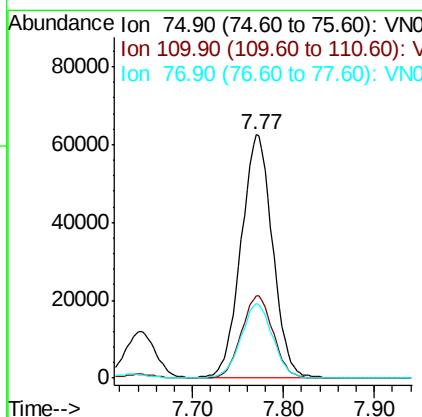
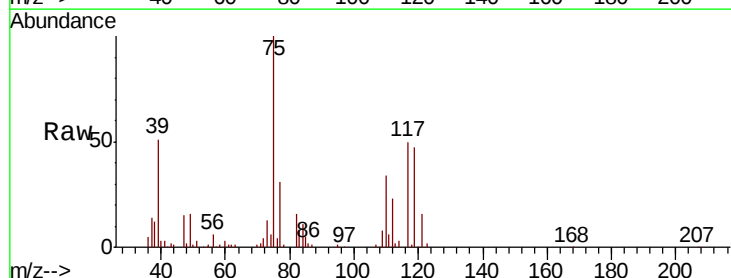
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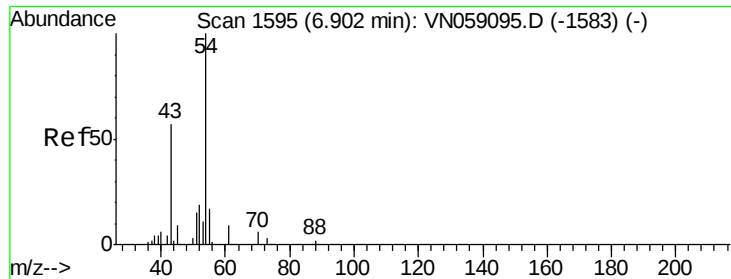
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#36
1,1-Dichloropropene
Concen: 26.154 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149974		
110	34.0	17.1	51.2	
77	31.0	24.8	37.2	





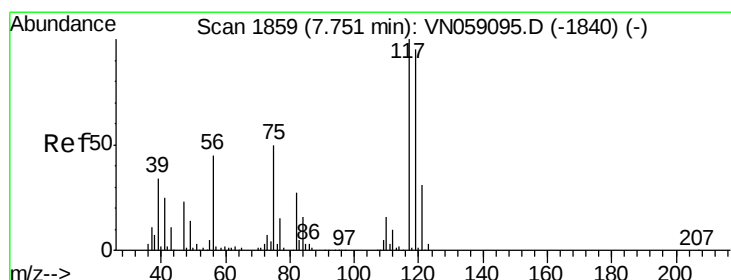
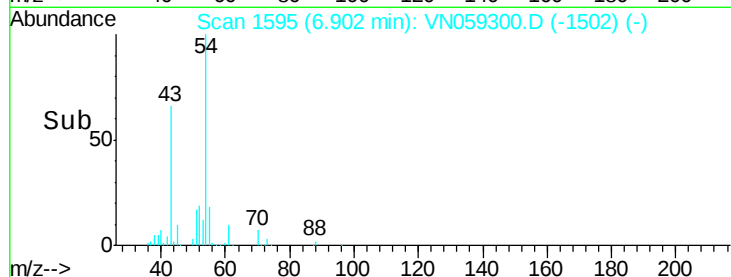
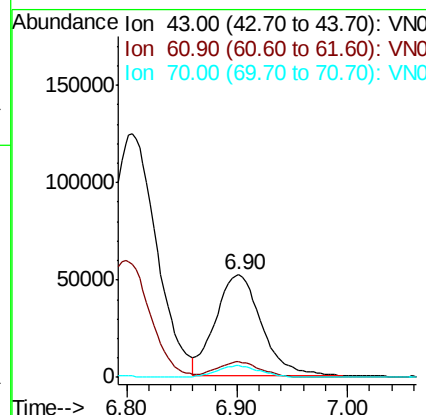
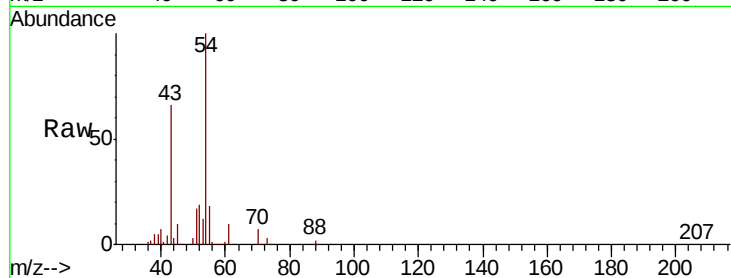
#37
Ethyl Acetate
Concen: 23.650 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	43	61	70
Resp	150868		
Ratio	100	14.8	10.9
Lower		11.2	7.8
Upper		16.8	11.8

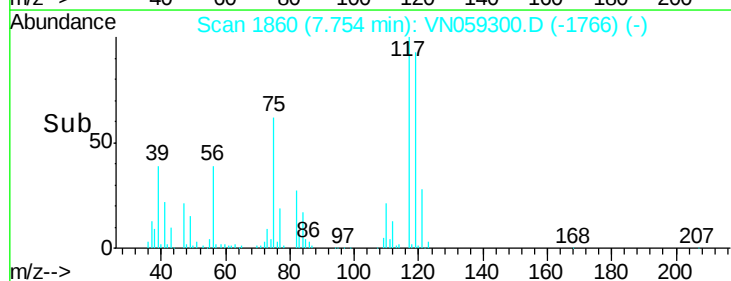
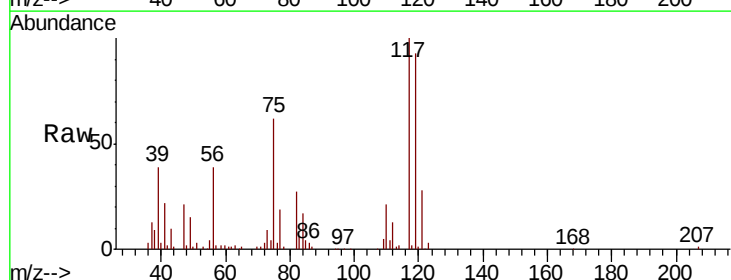
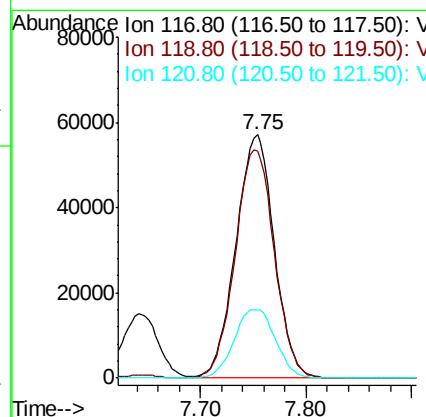
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#38
Carbon Tetrachloride
Concen: 25.315 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	117	119	121
Resp	144483		
Ratio	100	93.4	28.3
Lower		75.6	24.6
Upper		113.4	36.8





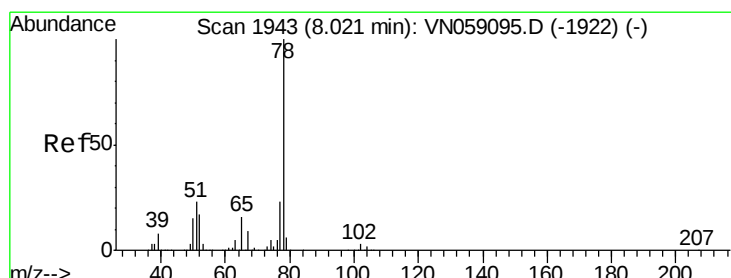
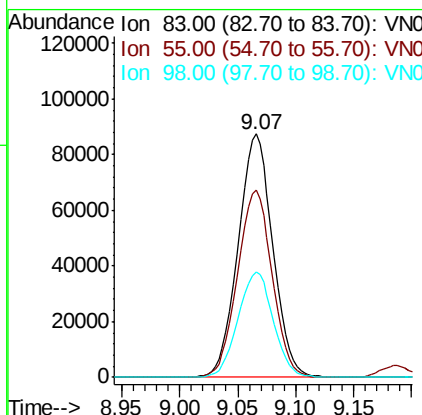
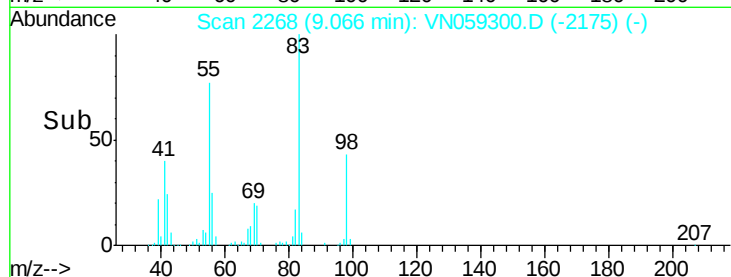
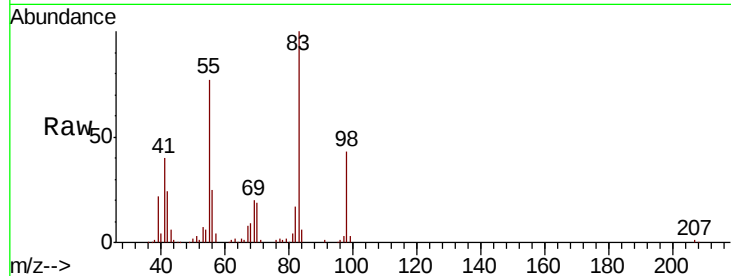
#39
Methvlcvclohexane
Concen: 27.191 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.8	63.9	95.9	
98	43.3	35.6	53.4	

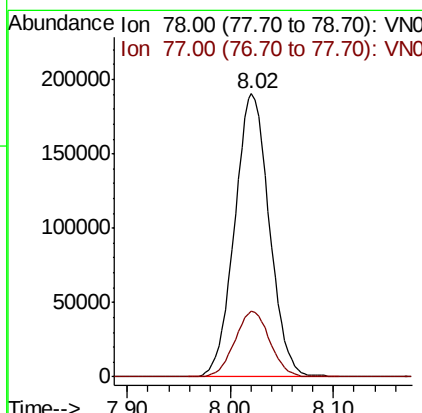
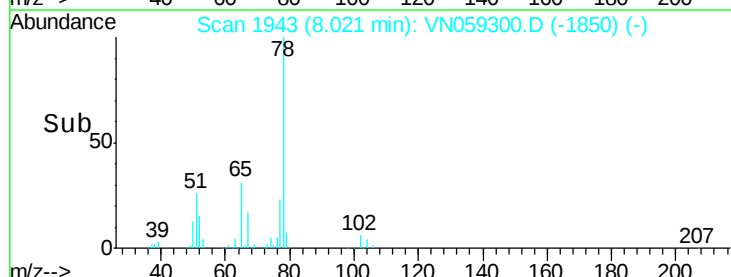
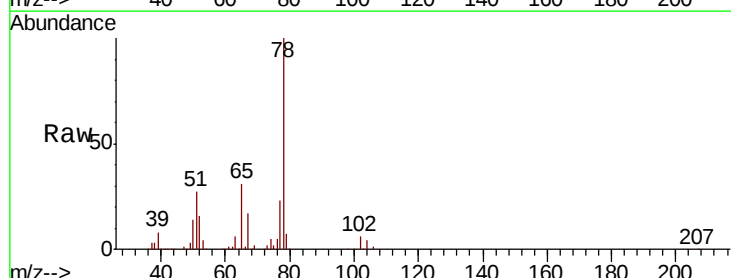
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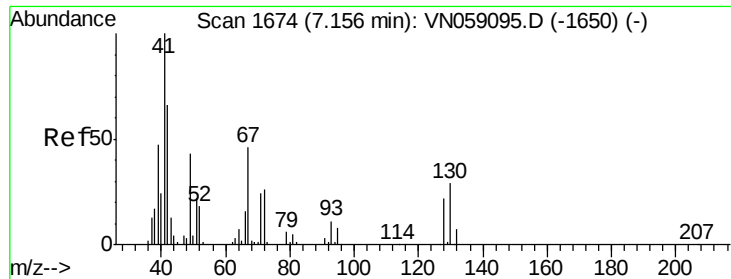
MMDadoda
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#40
Benzene
Concen: 25.813 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	18.8	28.2	





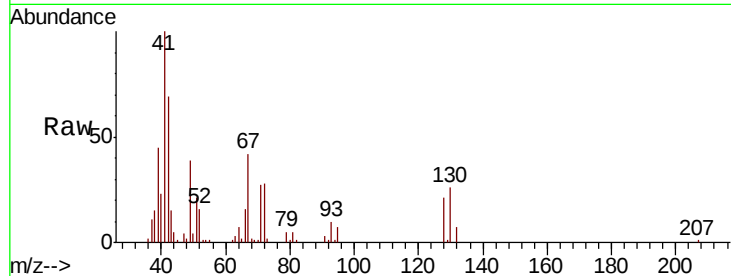
#41
Methacrylonitrile
Concen: 26.198 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

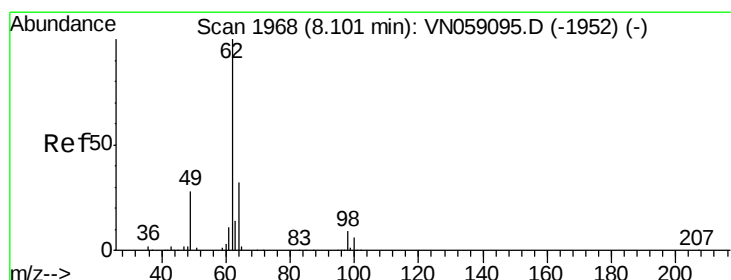
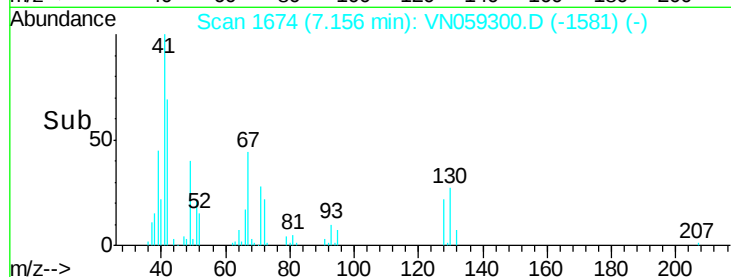
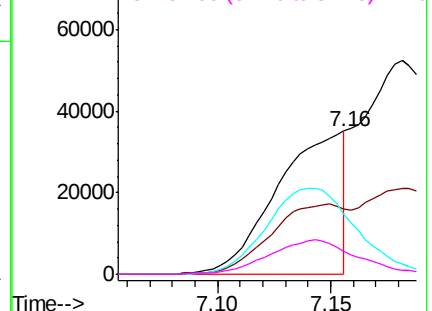
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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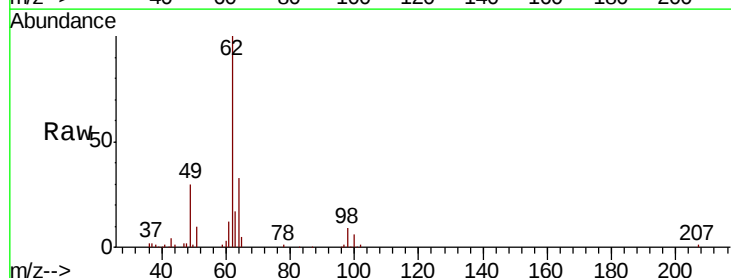


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

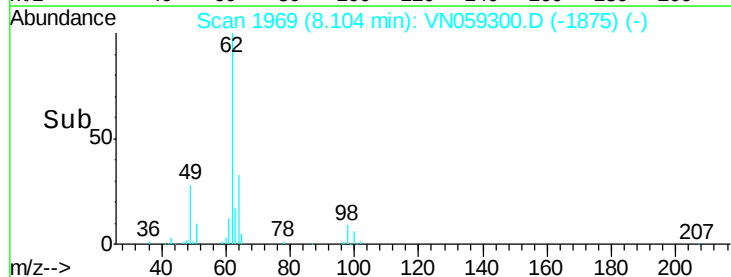
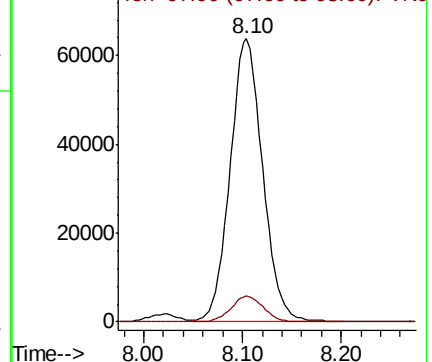


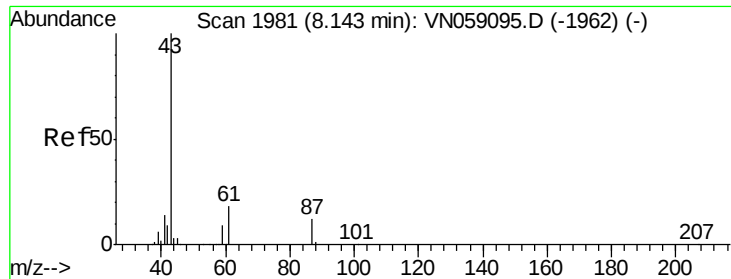
#42
1,2-Dichloroethane
Concen: 24.828 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





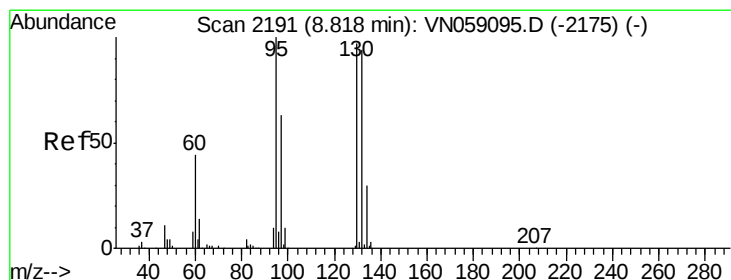
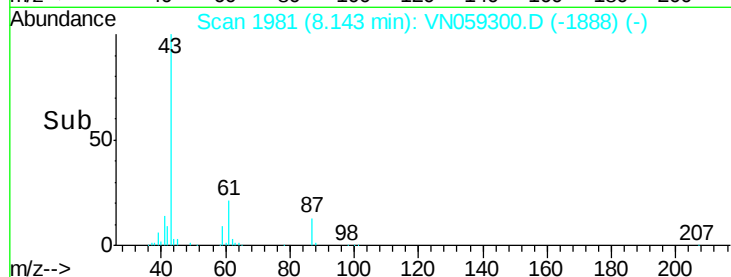
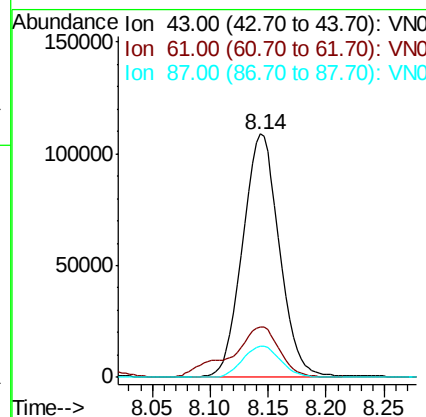
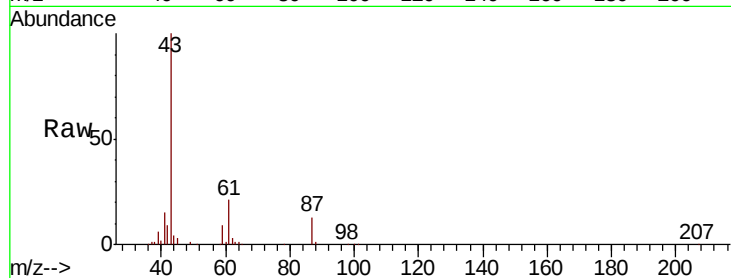
#43
Isopropyl Acetate
Concen: 23.494 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.0	31.6
87	13.3	9.8	14.6

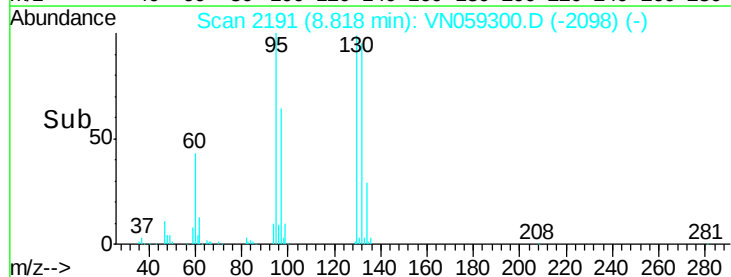
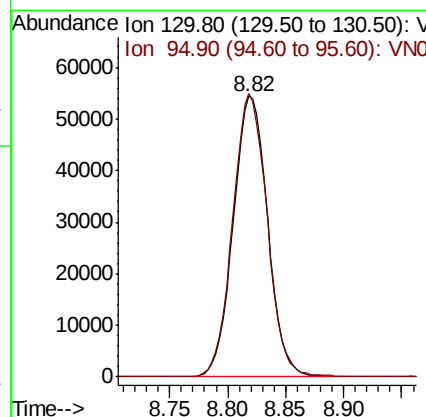
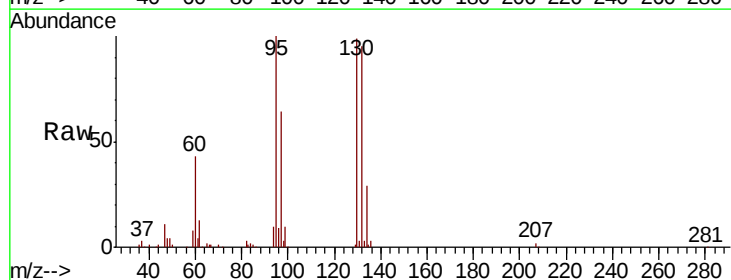
Manual Integrations
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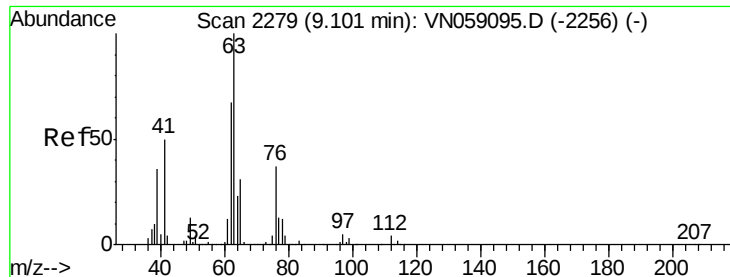
MMDadoda
11/20/2019 1:37:33 PM



#44
Trichloroethene
Concen: 26.342 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	206.4





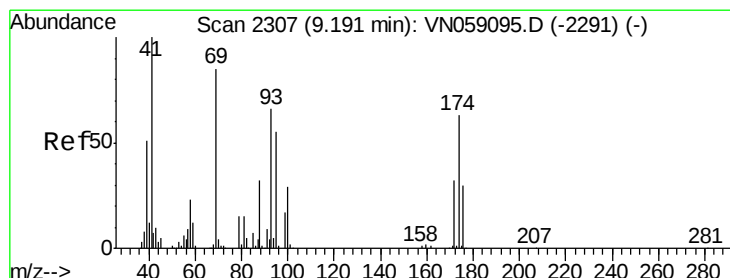
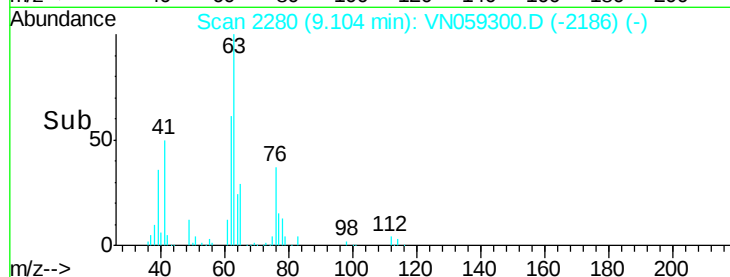
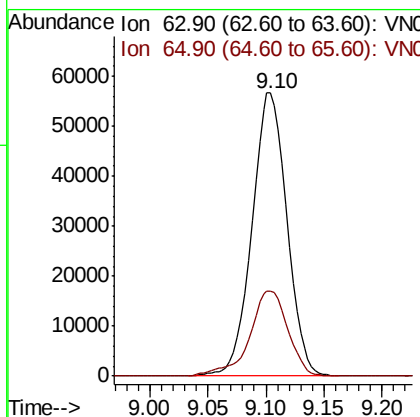
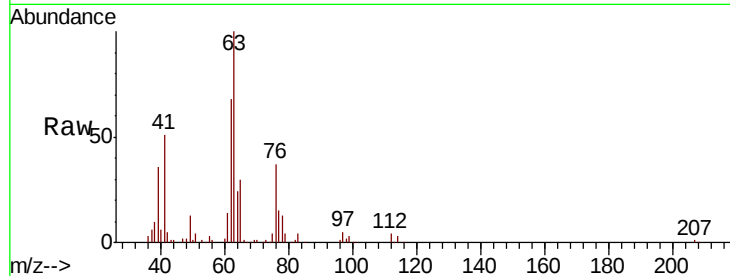
#45
 1,2-Dichloropropane
 Concen: 25.381 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion: 63 Resp: 119044
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0

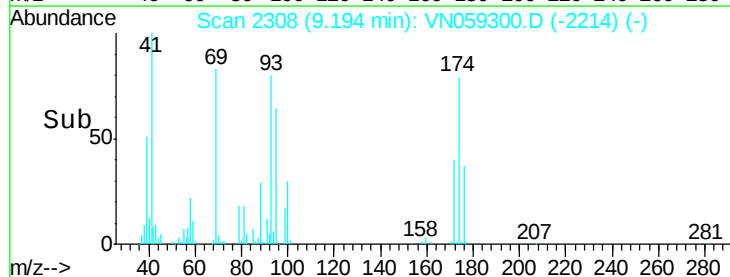
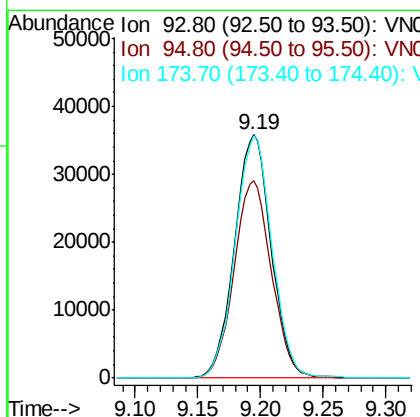
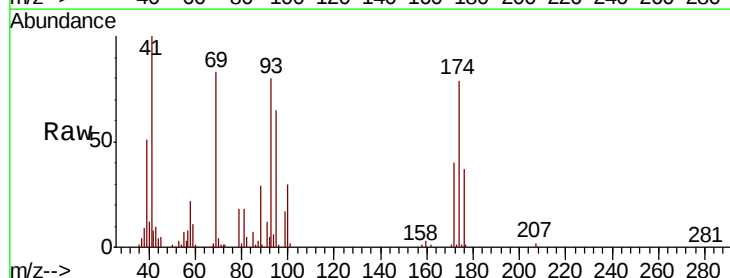
Manual Integrations
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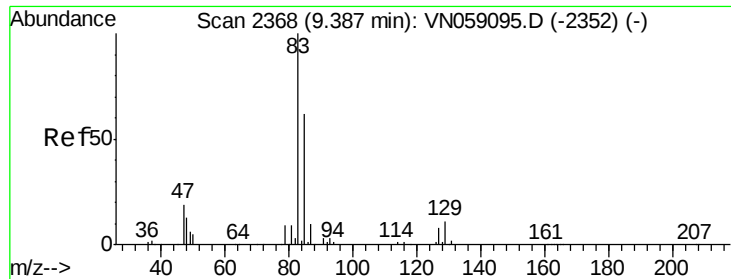
MMDadoda
 11/20/2019 1:37:33 PM



#46
 Dibromomethane
 Concen: 24.916 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 93 Resp: 72823
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 100.1 78.2 117.2





#47

Bromodichloromethane

Concen: 24.925 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

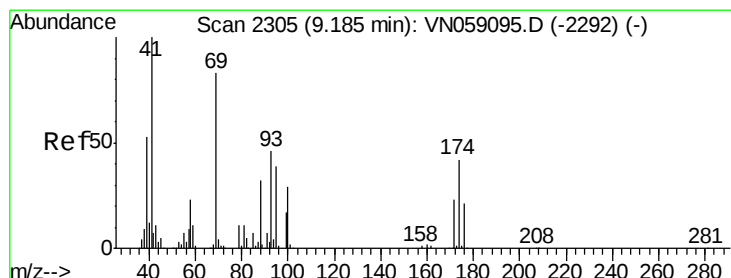
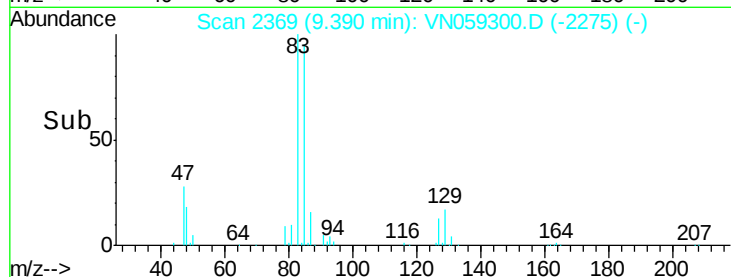
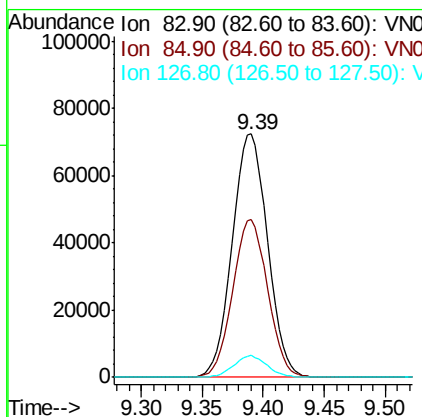
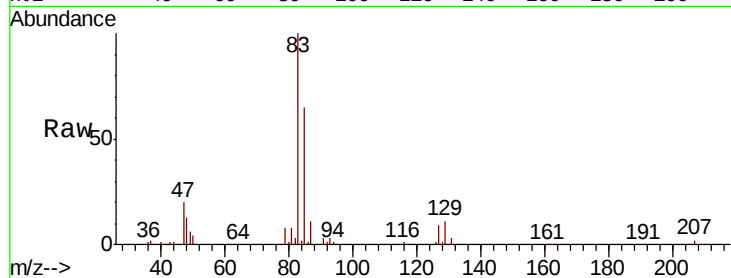
ClientSampleId :

VN1119WBS01

Tot Ion:	83	Resp:	145468
Ion Ratio	Lower	Upper	
83	100		
85	64.8	49.7	74.5
127	8.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.878 ug/l

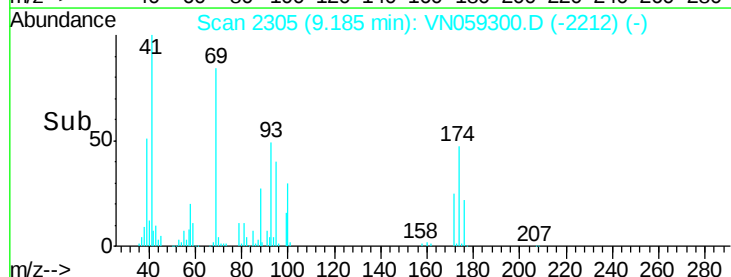
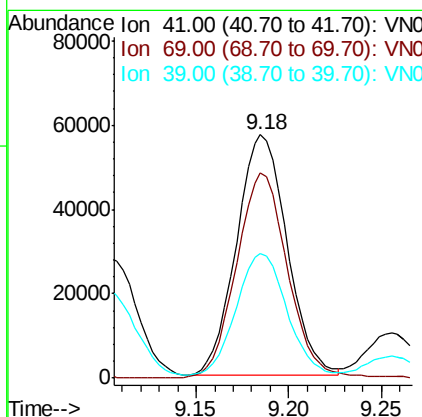
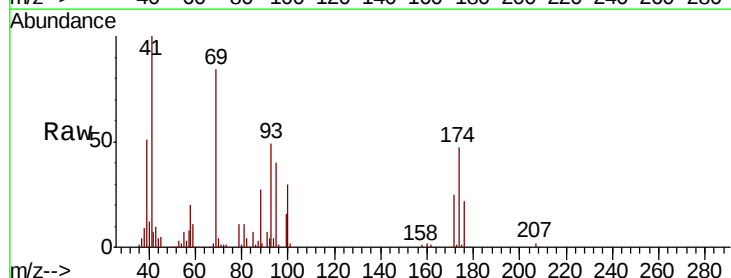
RT: 9.18 min Scan# 2305

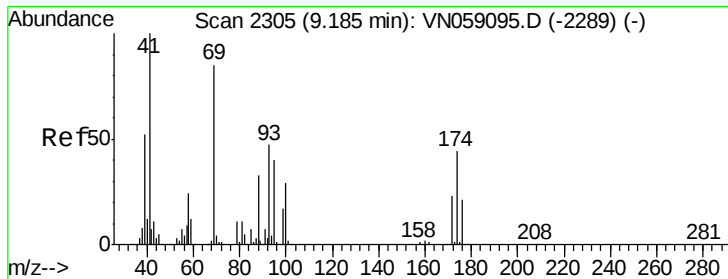
Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	41	Resp:	108623
Ion Ratio	Lower	Upper	
41	100		
69	86.8	67.3	100.9
39	52.9	43.3	64.9





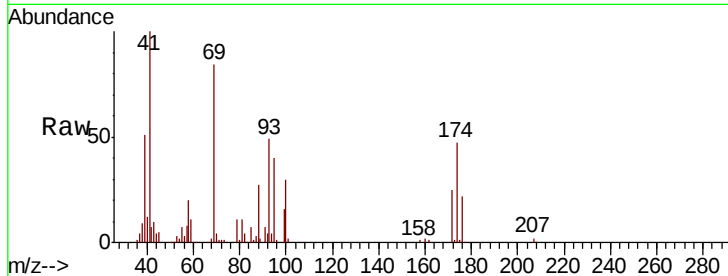
#49
1,4-Dioxane
Concen: 430.494 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.3	39.5
58	72.1	60.6	90.8

Manual Integrations
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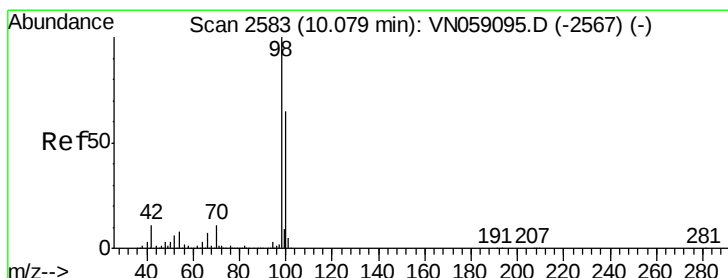
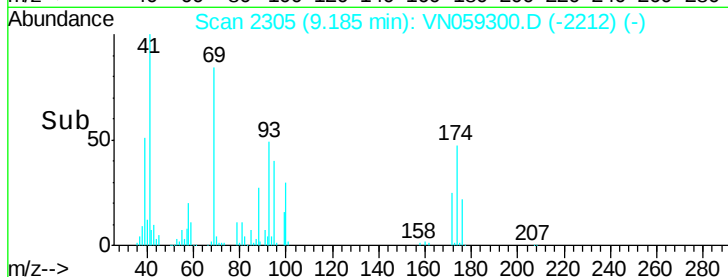
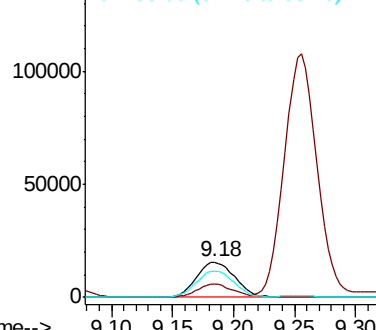


Abundance

Ion 88.00 (87.70 to 88.70): VNC

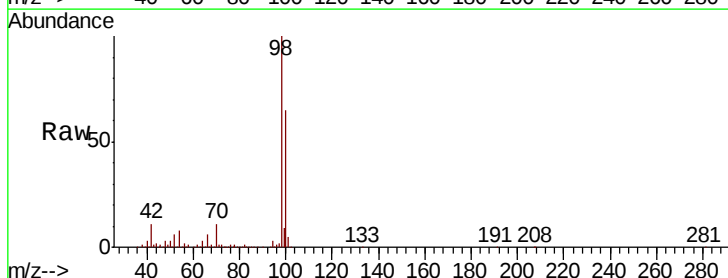
Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#50
Toluene-d8
Concen: 48.669 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

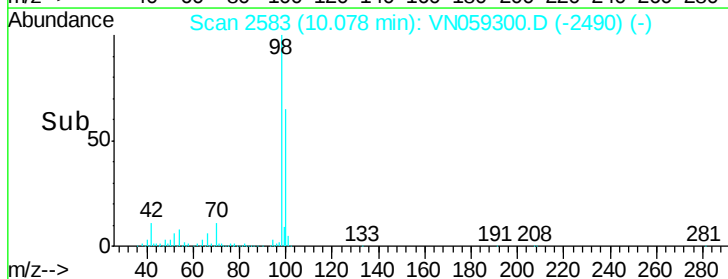
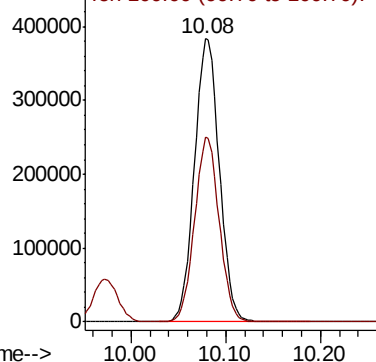
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2

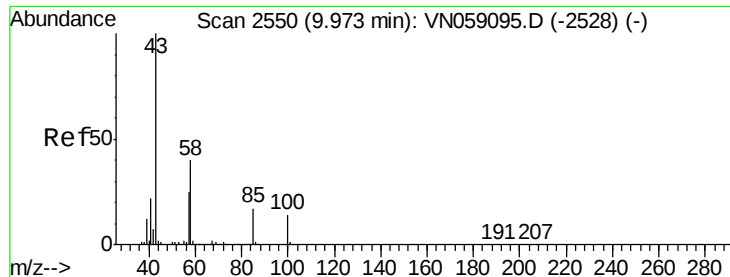


Abundance

Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC





#51

4-Methyl-2-Pentanone

Concen: 129.497 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 43 Resp: 745197

Ion Ratio Lower Upper

43 100

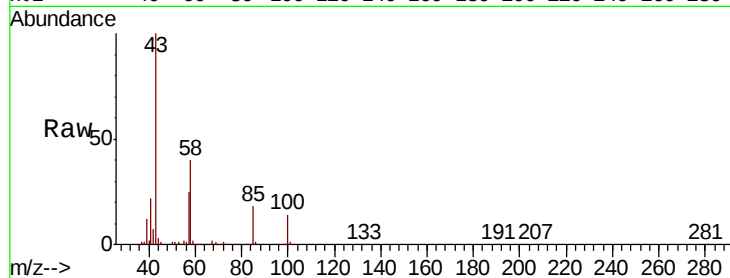
58 39.5 31.5 47.3

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Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

400000

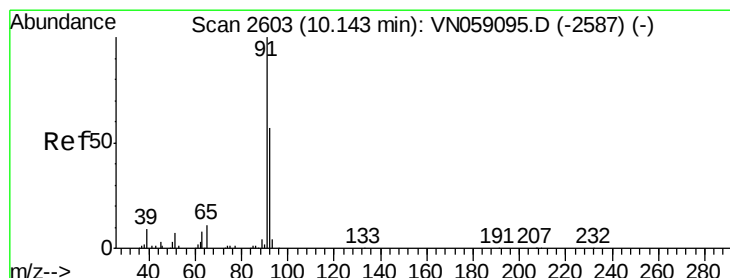
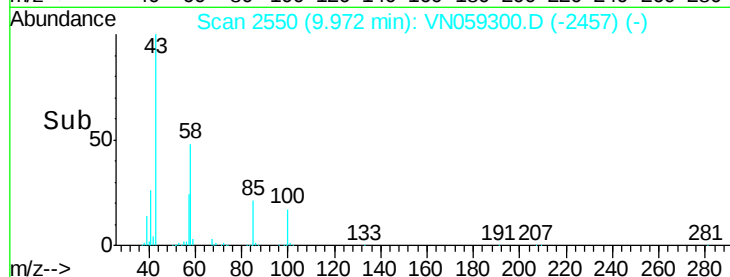
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 26.195 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059300.D

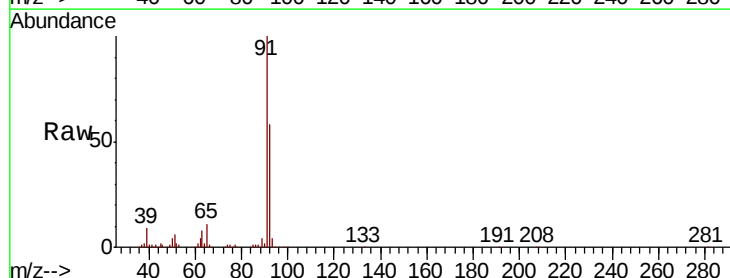
Acq: 19 Nov 2019 12:24

Tgt Ion: 92 Resp: 271123

Ion Ratio Lower Upper

92 100

91 173.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

300000

250000

200000

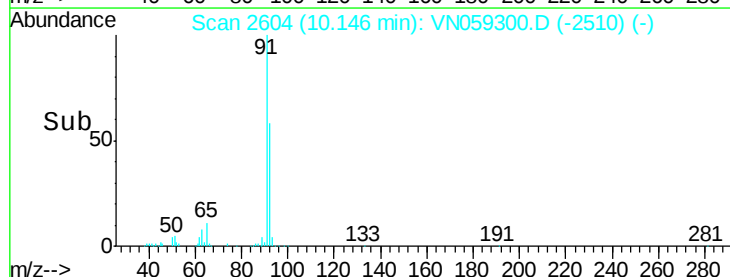
150000

100000

50000

0

Time-->





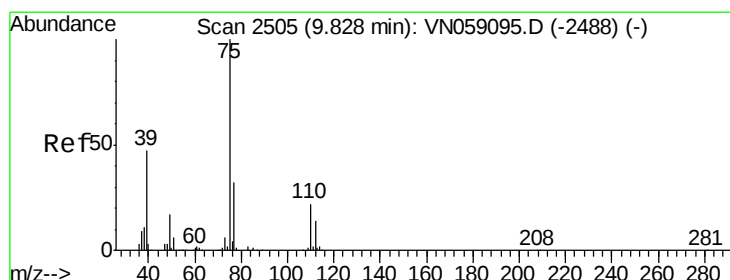
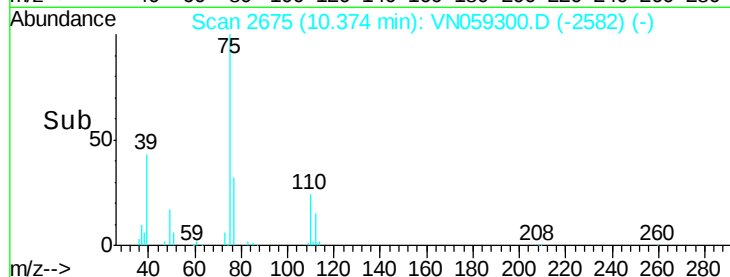
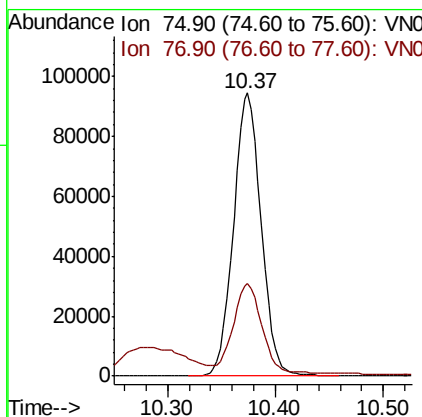
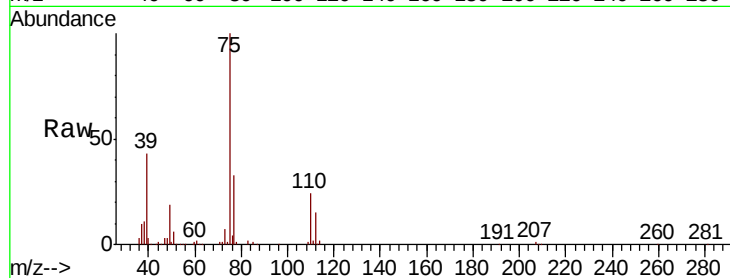
#53
t-1,3-Dichloropropene
Concen: 25.023 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9

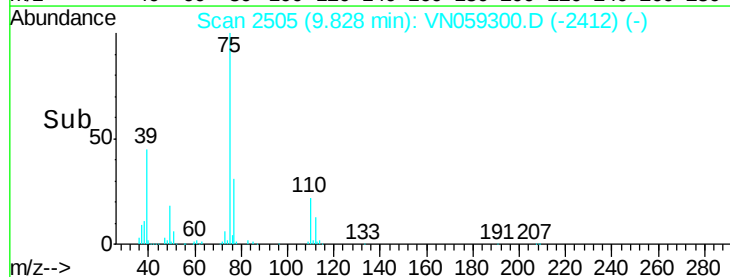
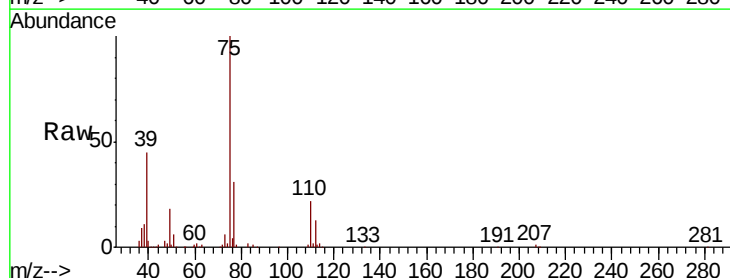
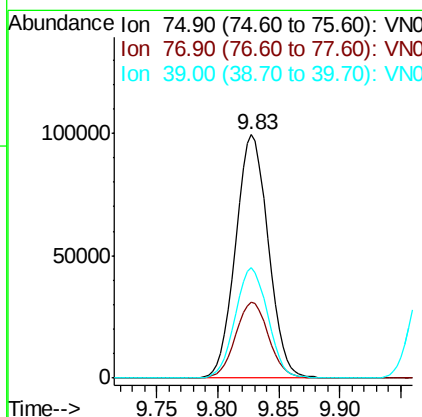
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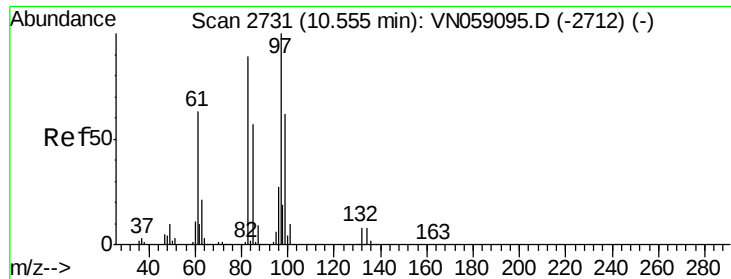
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 25.438 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	45.4	37.3	55.9





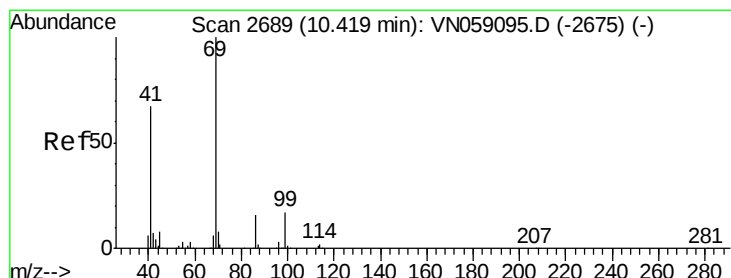
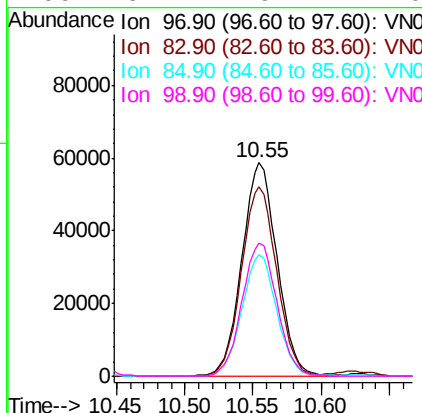
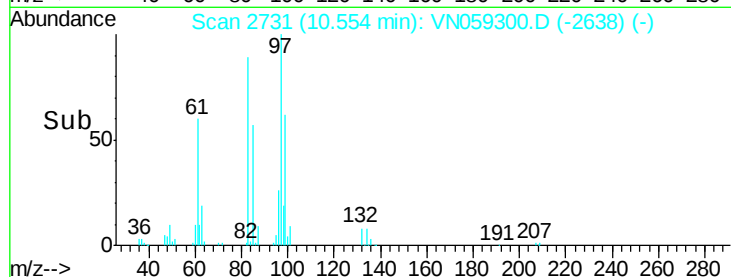
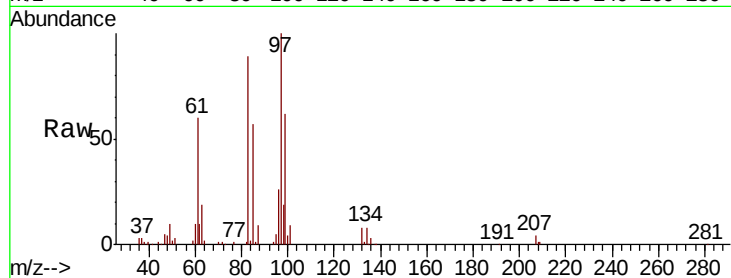
#55
 1,1,2-Trichloroethane
 Concen: 25.125 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.0	106.4
85	57.0	45.8	68.8
99	62.4	49.4	74.0

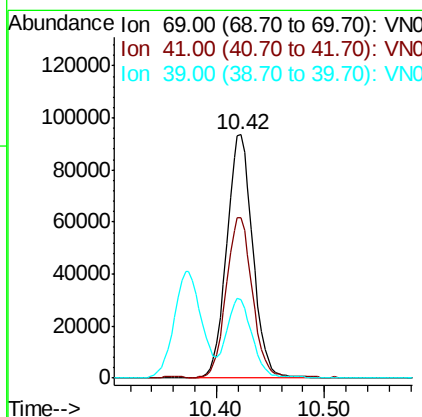
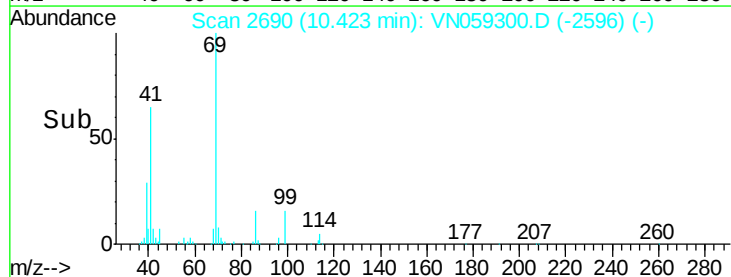
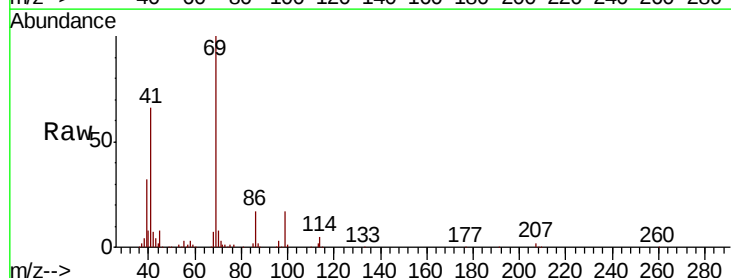
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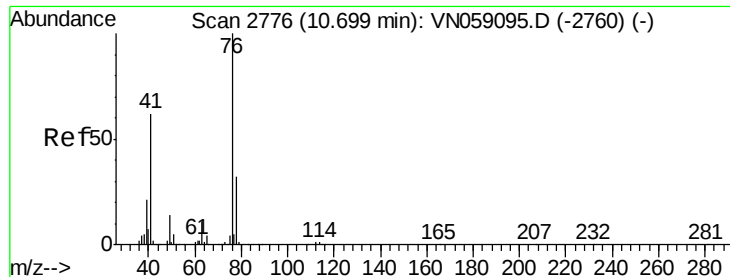
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#56
 Ethyl methacrylate
 Concen: 23.595 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	53.6	80.4
39	31.6	26.2	39.4





#57

1,3-Dichloropropane

Concen: 25.407 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 76 Resp: 183164

Ion Ratio Lower Upper

76 100

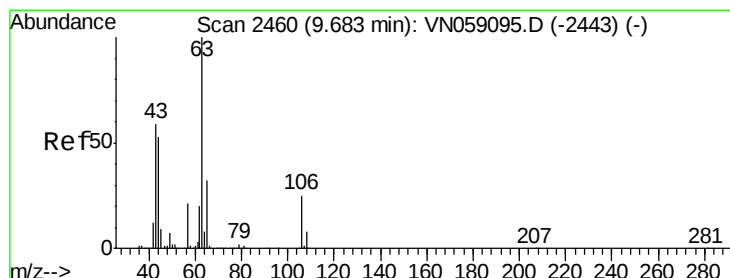
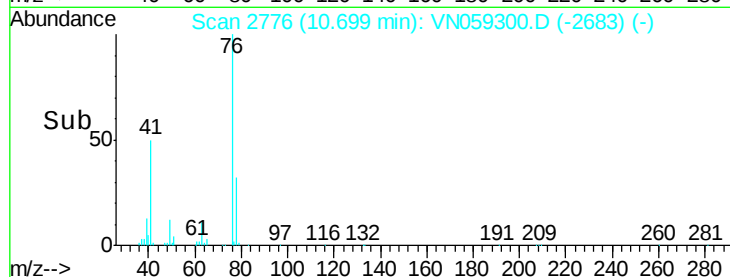
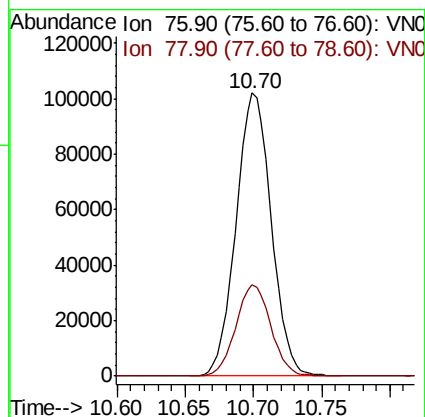
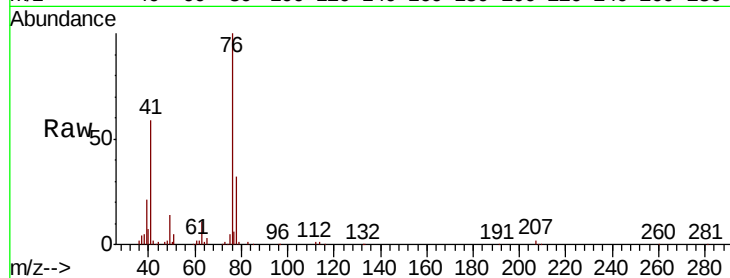
78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 117.449 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059300.D

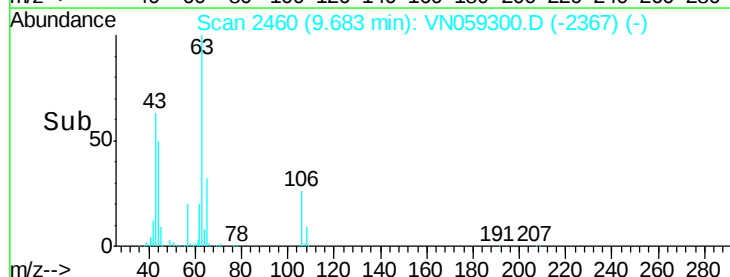
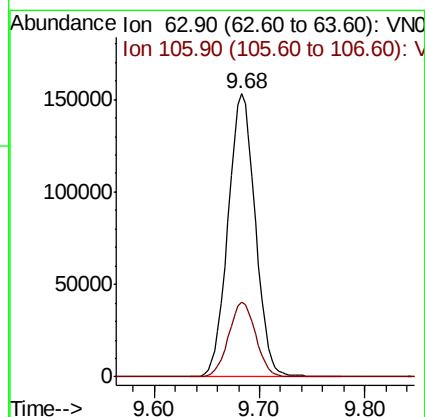
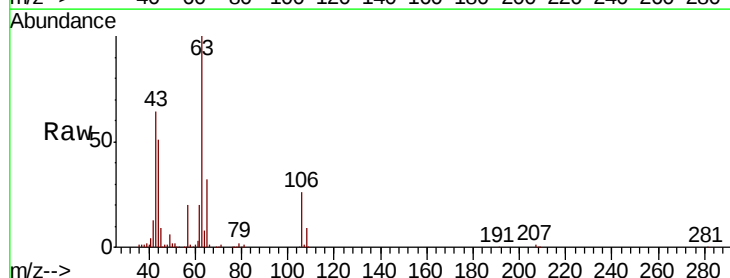
Acq: 19 Nov 2019 12:24

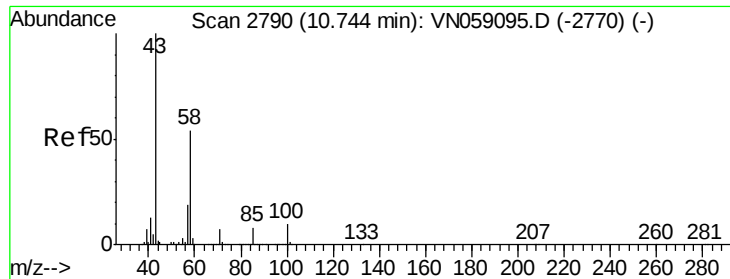
Tgt Ion: 63 Resp: 273790

Ion Ratio Lower Upper

63 100

106 26.3 20.2 30.2





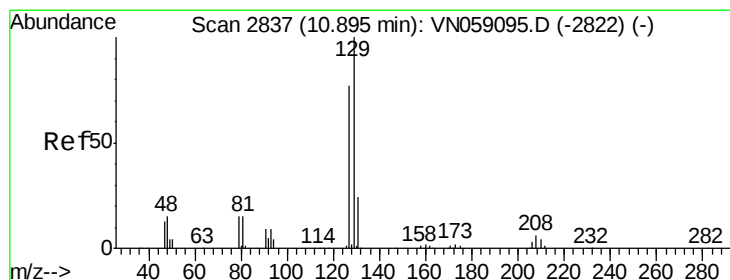
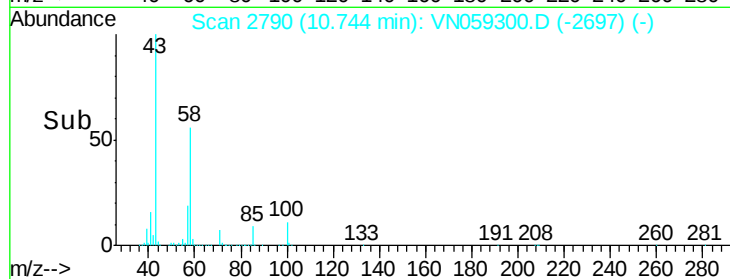
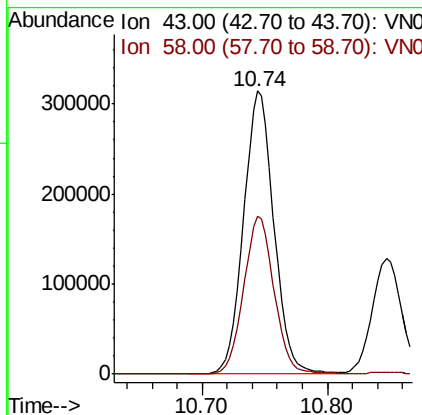
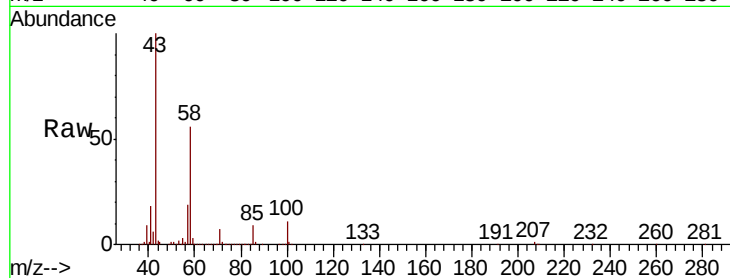
#59
2-Hexanone
Concen: 119.566 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	27.3	81.8

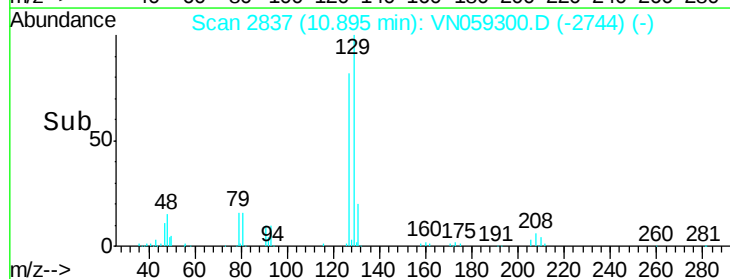
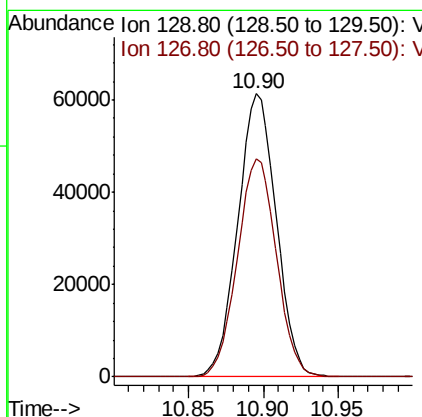
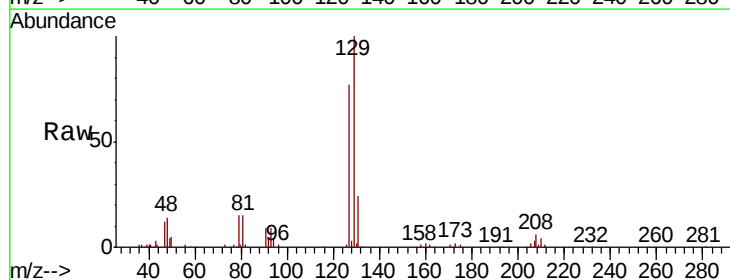
Manual Integrations
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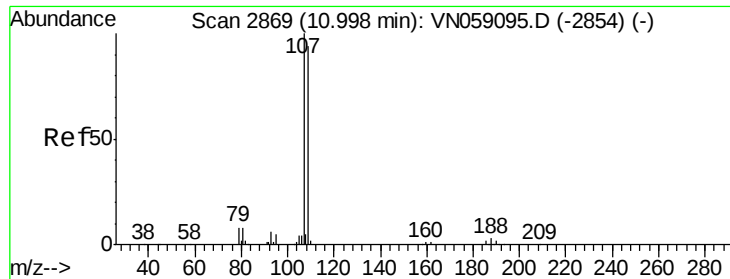
MMDadoda
11/20/2019 1:37:33 PM



#60
Dibromochloromethane
Concen: 24.801 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.8





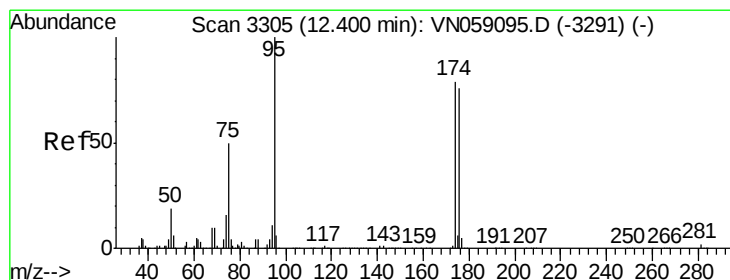
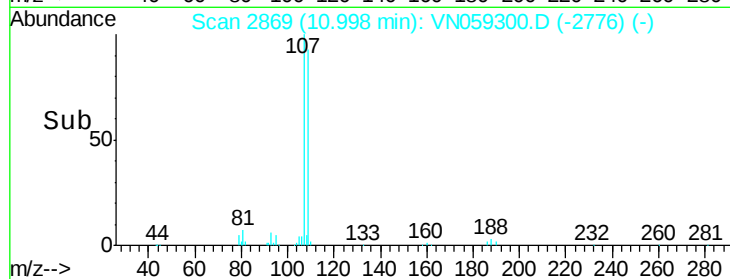
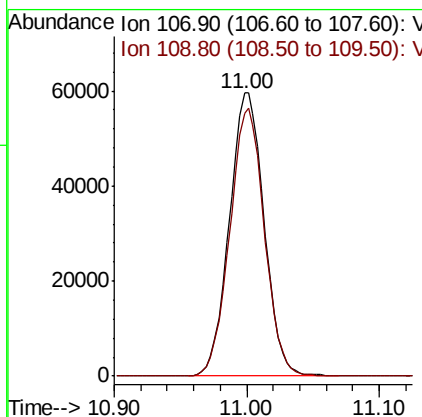
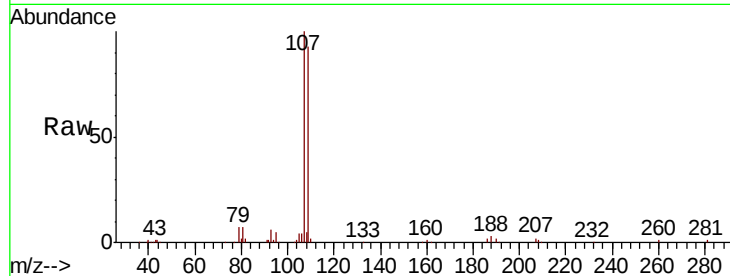
#61
 1,2-Dibromoethane
 Concen: 25.496 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.5	113.3

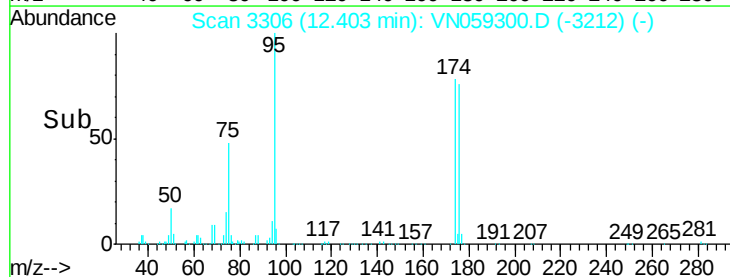
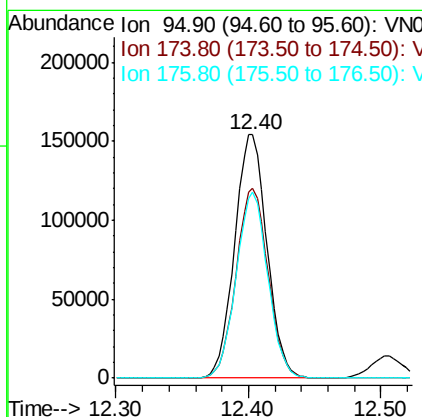
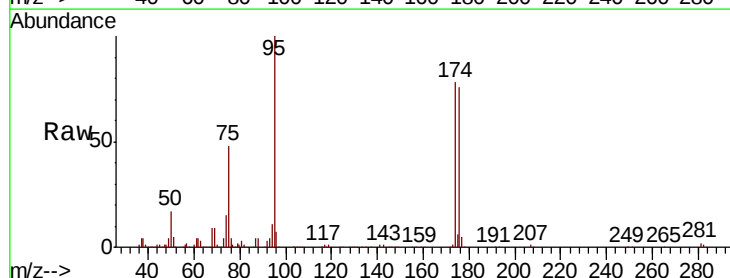
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 11/20/2019 1:37:33 PM



#62
 4-Bromofluorobenzene
 Concen: 50.147 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	158.2
176	74.8	0.0	151.8





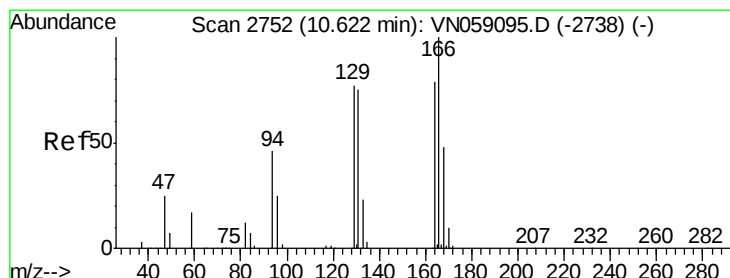
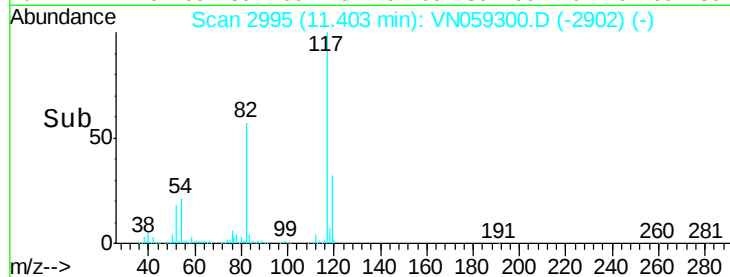
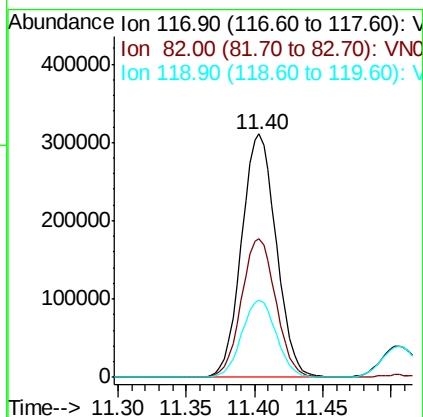
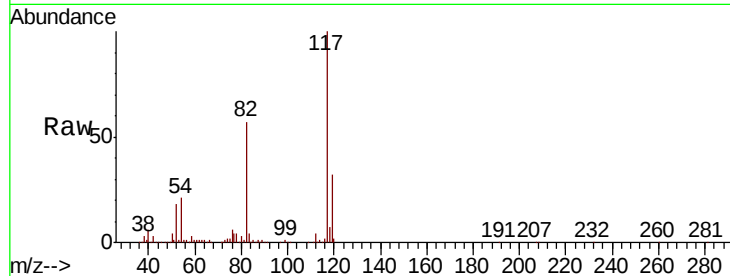
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.8
119	31.6	25.8	38.6

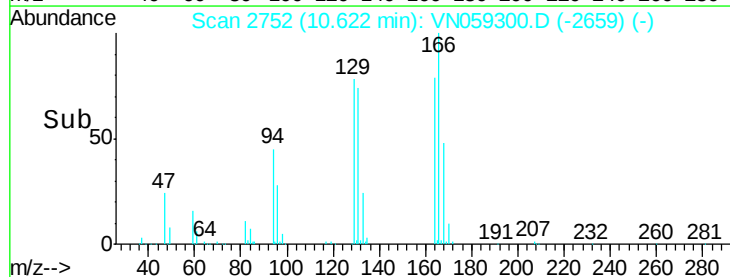
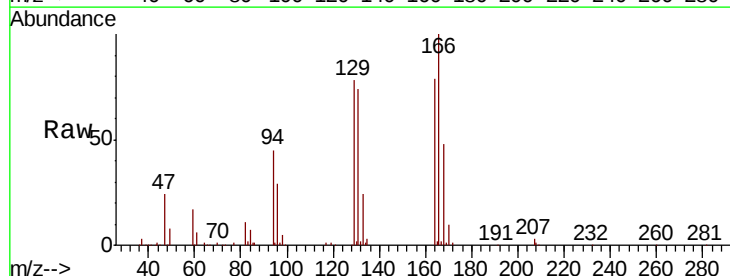
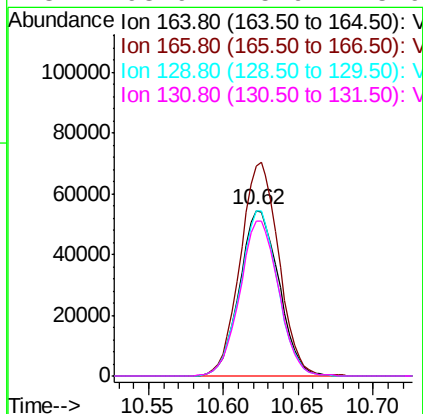
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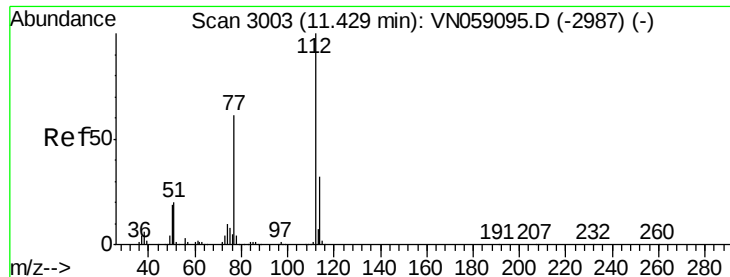
MMDadoda
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#64
Tetrachloroethene
Concen: 26.700 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.5	152.3
129	99.8	78.3	117.5
131	93.9	75.9	113.9





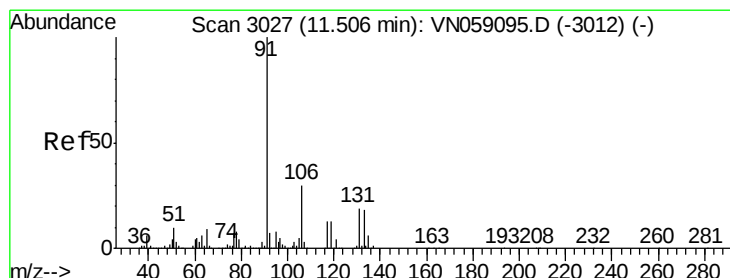
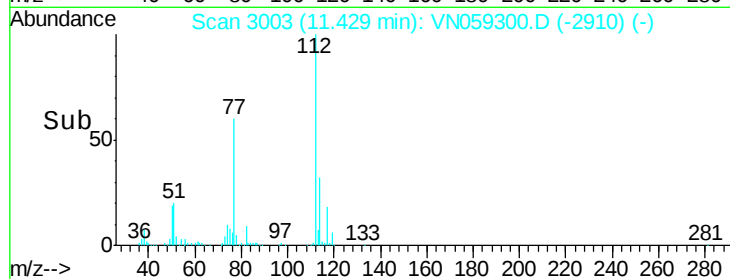
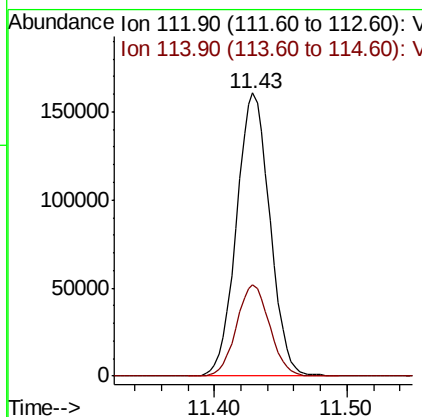
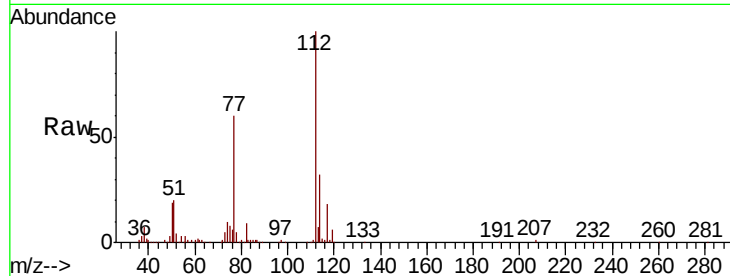
#65
Chlorobenzene
Concen: 26.301 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion:112 Resp: 280571
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

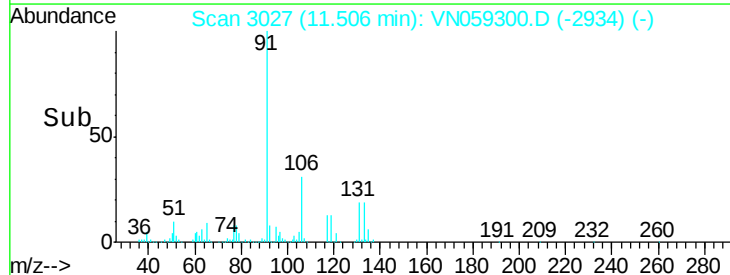
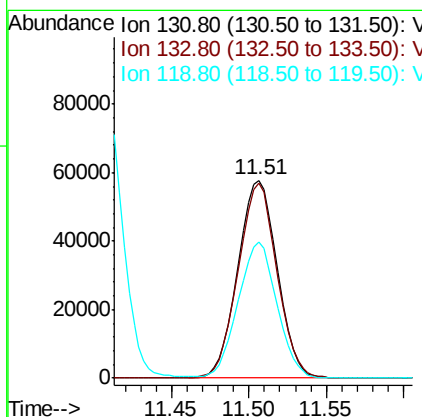
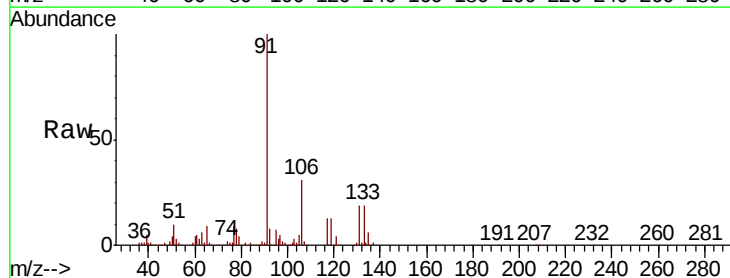
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#66
1,1,1,2-Tetrachloroethane
Concen: 25.603 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion:131 Resp: 102457
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.3
119 67.9 33.2 99.6





#67

Ethyl Benzene

Concen: 26.976 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 91 Resp: 510569

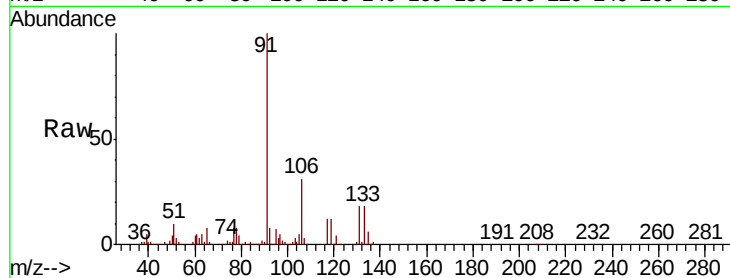
Ion Ratio Lower Upper

91 100

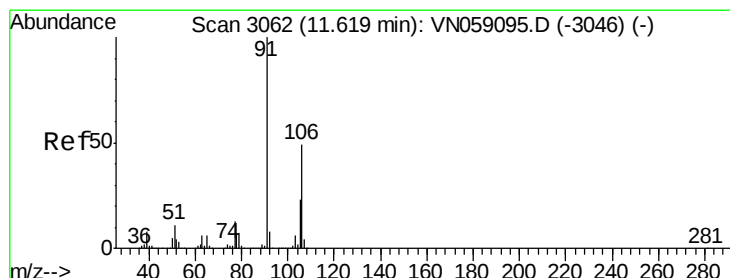
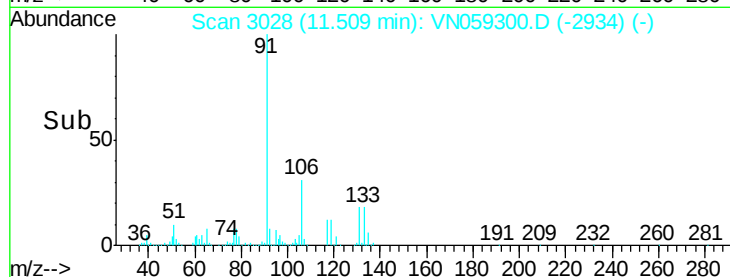
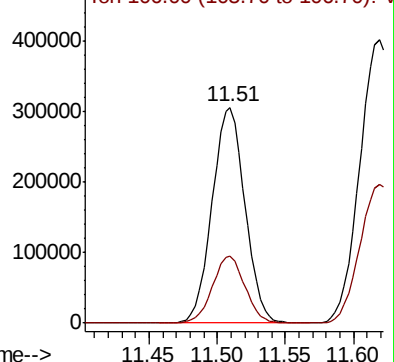
106 30.9 24.1 36.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3012) (-)



#68

m/p-Xylenes

Concen: 54.337 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059300.D

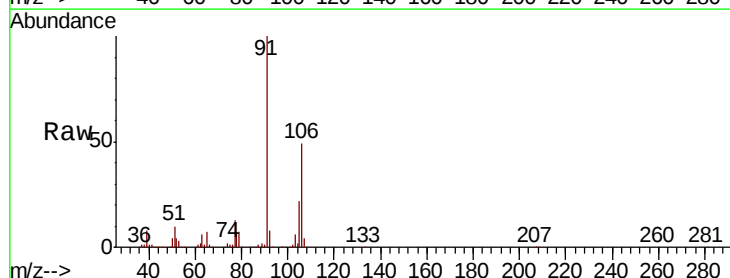
Acq: 19 Nov 2019 12:24

Tgt Ion: 106 Resp: 385241

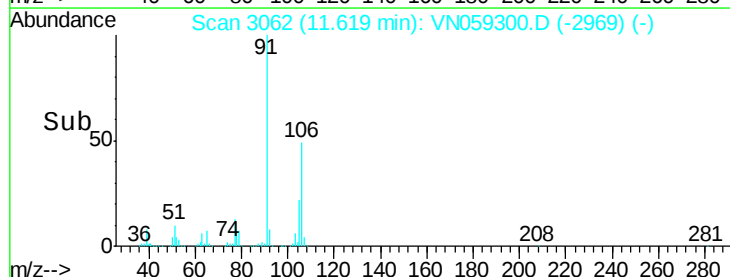
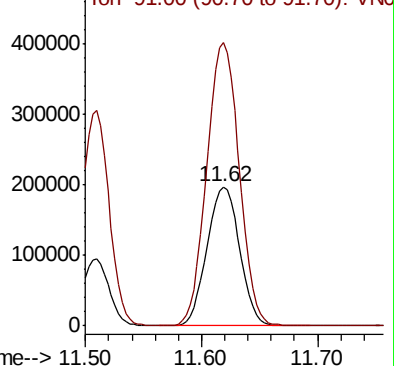
Ion Ratio Lower Upper

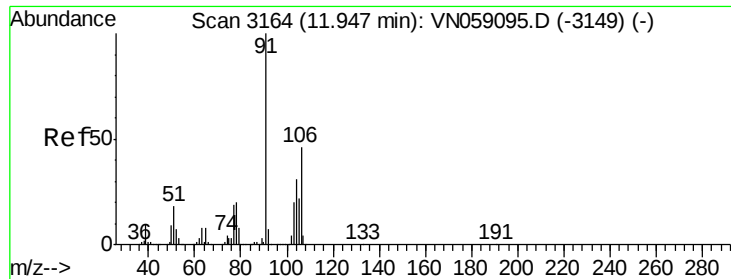
106 100

91 202.6 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): VN059095.D (-3046) (-)





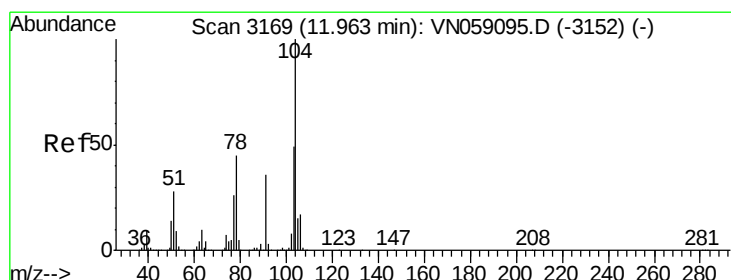
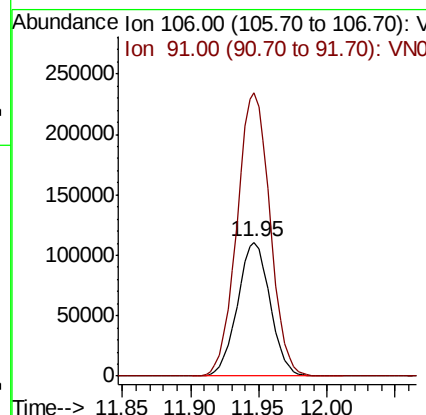
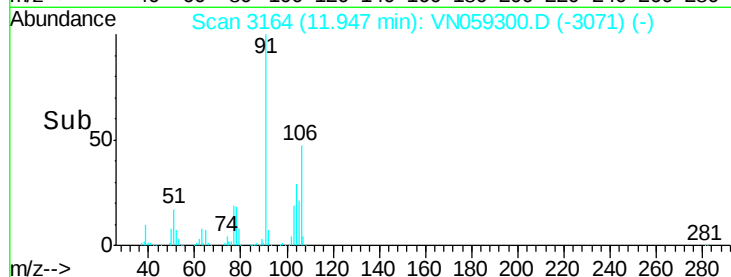
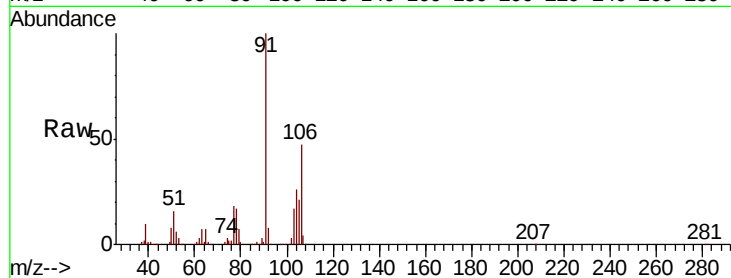
#69
o-Xylene
Concen: 26.840 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion:106 Resp: 183897
Ion Ratio Lower Upper
106 100
91 214.2 110.1 330.3

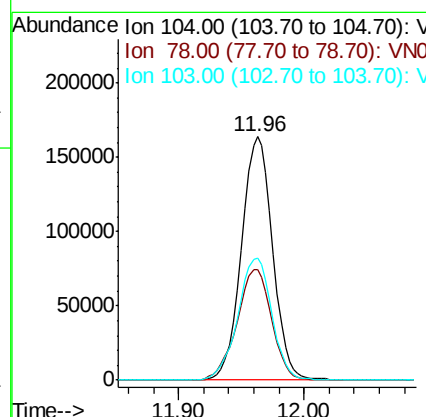
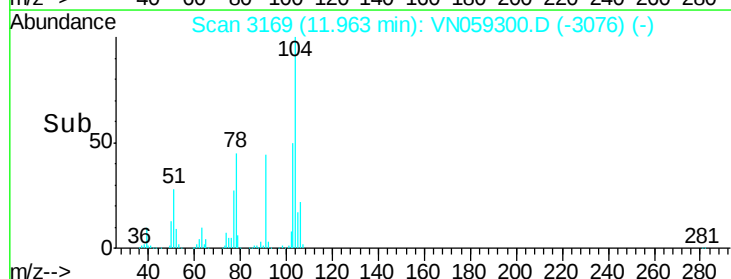
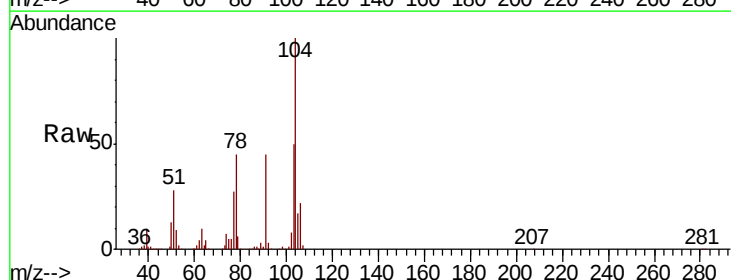
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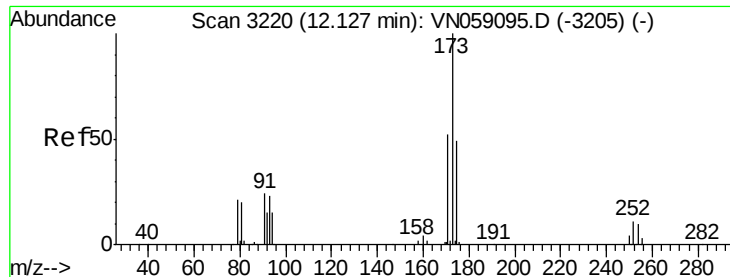
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#70
Styrene
Concen: 26.205 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion:104 Resp: 282382
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 55.0 43.8 65.6





#71

Bromoform

Concen: 24.498 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

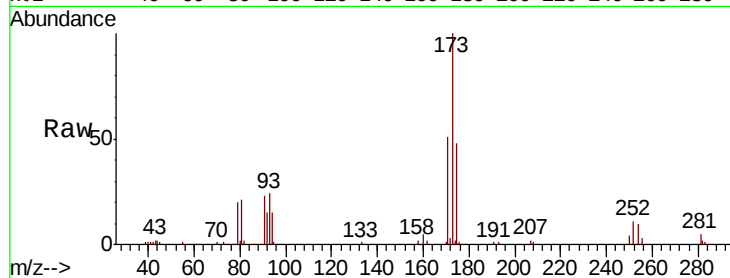
ClientSampleId :

VN1119WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
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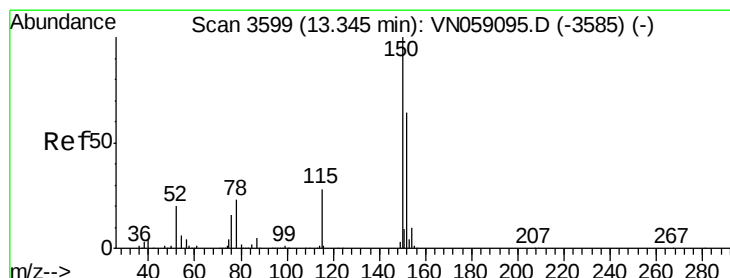
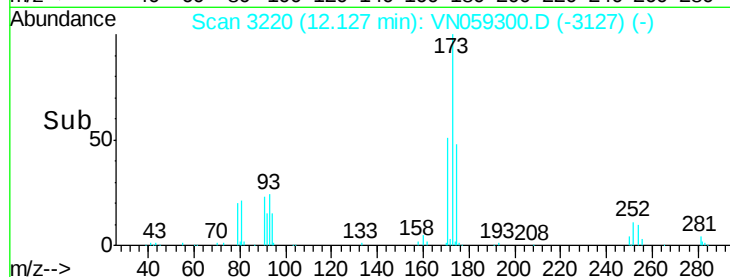
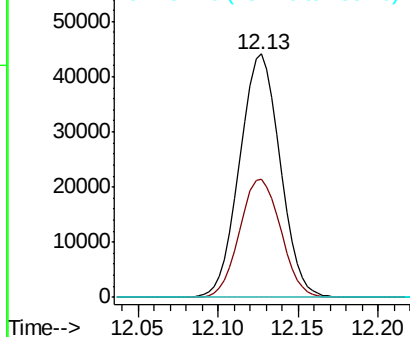
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

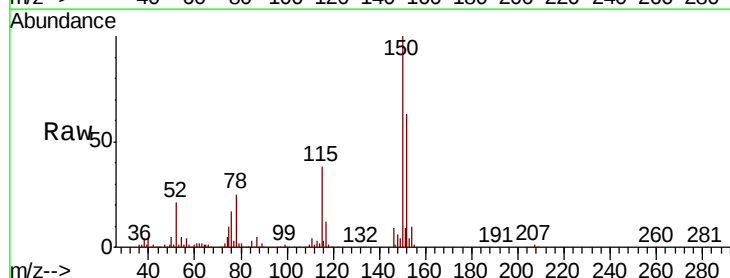
RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

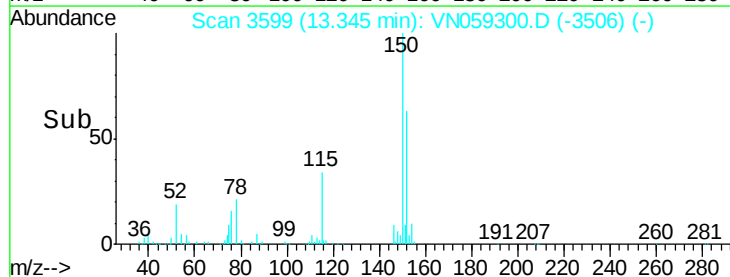
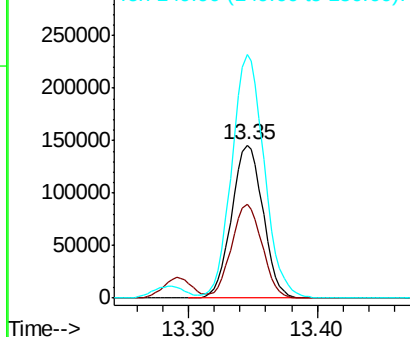
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.4	88.2
150	164.4	0.0	345.8

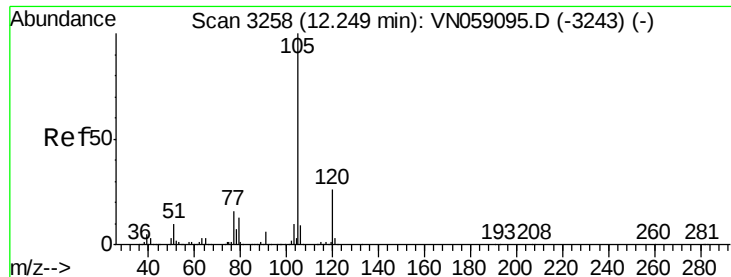


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 27.408 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 105 Resp: 491113

Ion Ratio Lower Upper

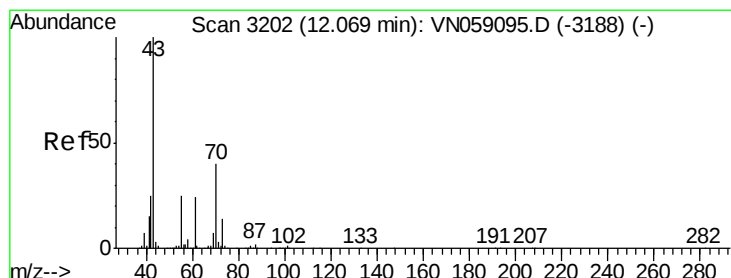
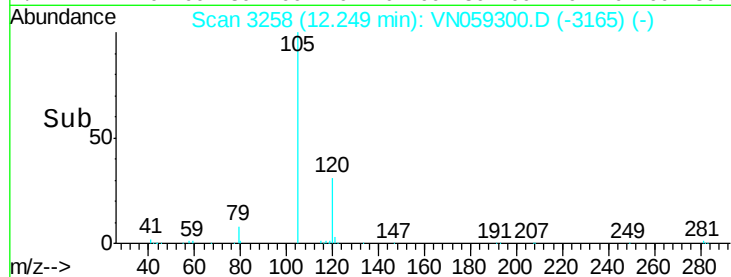
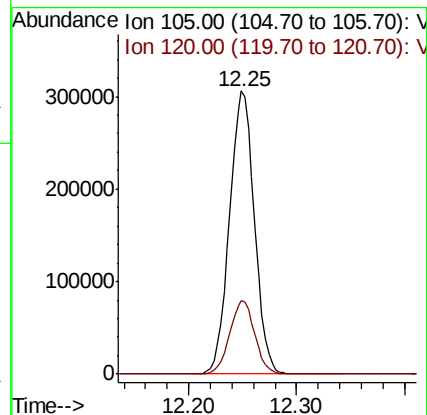
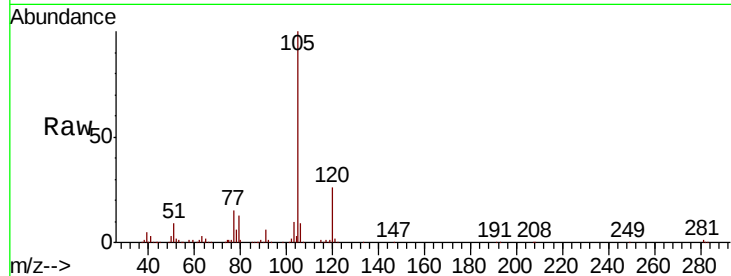
105 100

120 26.1 13.1 39.3

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#74

N-ethyl acetate

Concen: 24.439 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion: 43 Resp: 185556

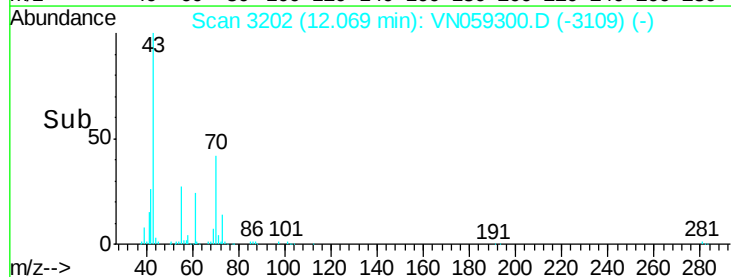
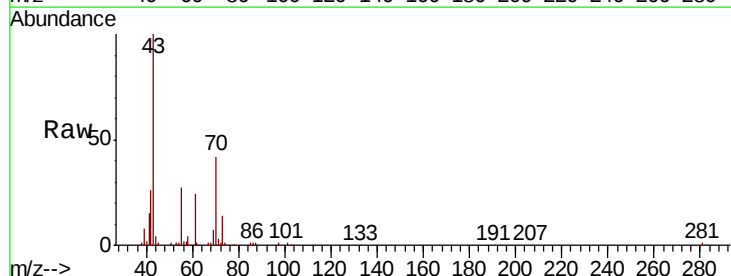
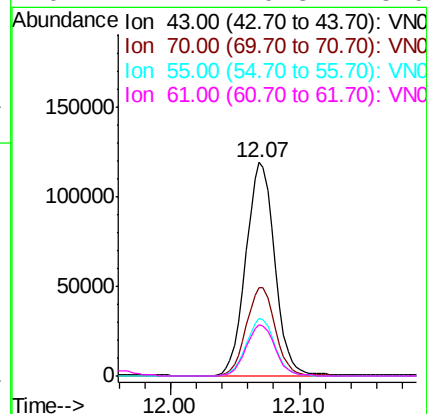
Ion Ratio Lower Upper

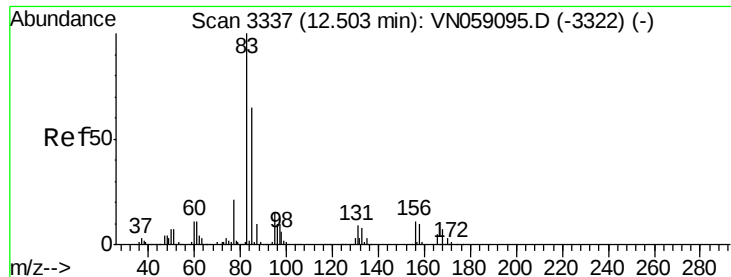
43 100

70 42.1 32.2 48.4

55 26.7 20.4 30.6

61 24.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 25.027 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

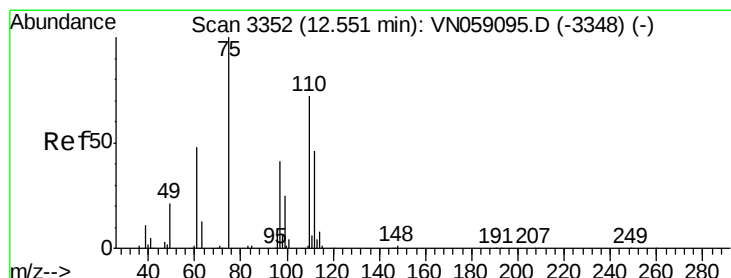
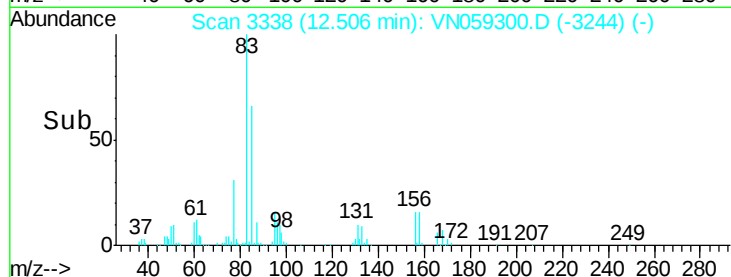
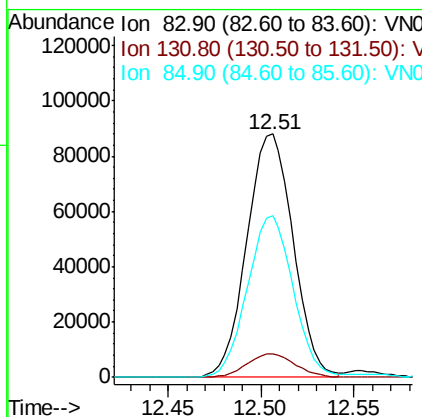
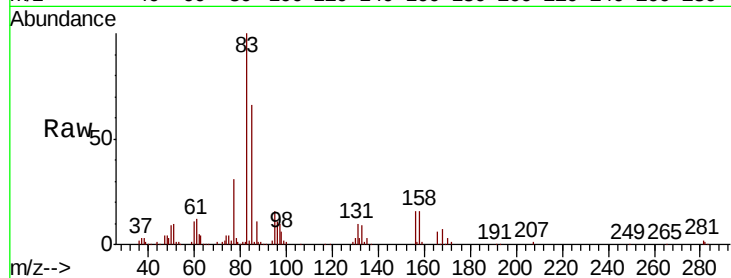
ClientSampleId :

VN1119WBS01

Tot Ion:	83	Resp:	152714
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.6
85	65.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 25.092 ug/l m

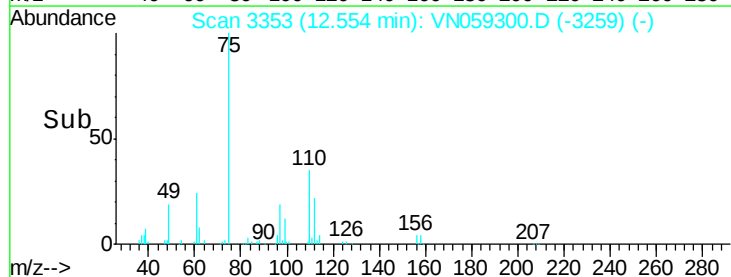
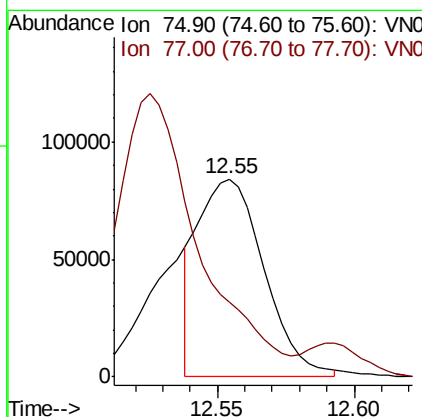
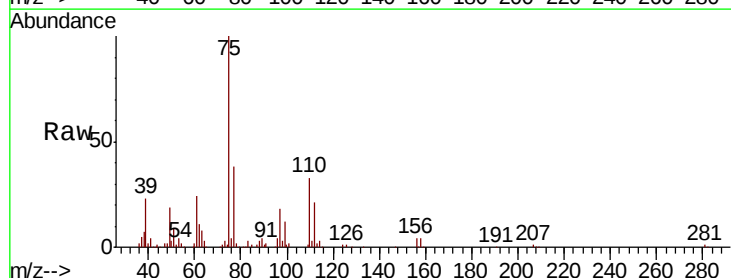
RT: 12.55 min Scan# 3353

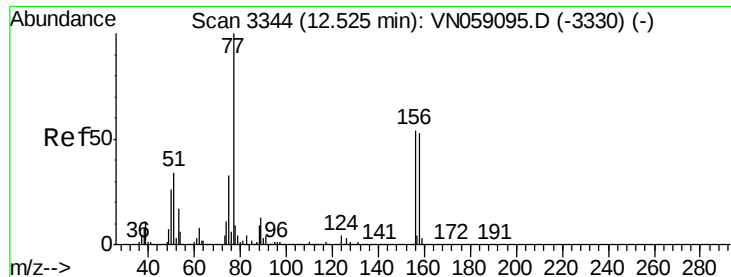
Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	75	Resp:	140721
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 25.757 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

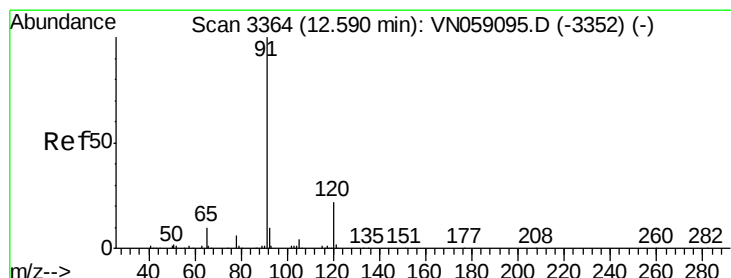
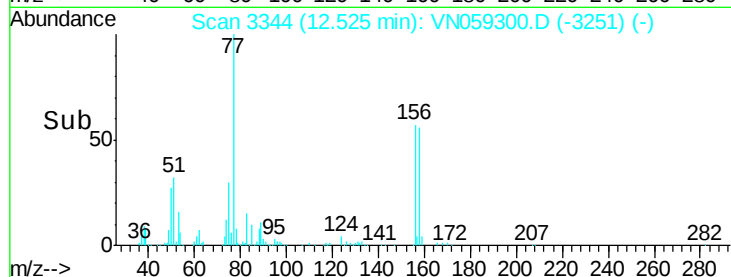
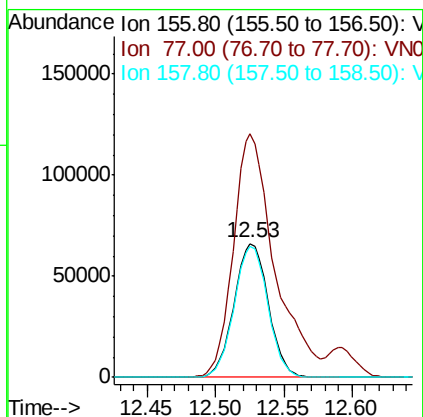
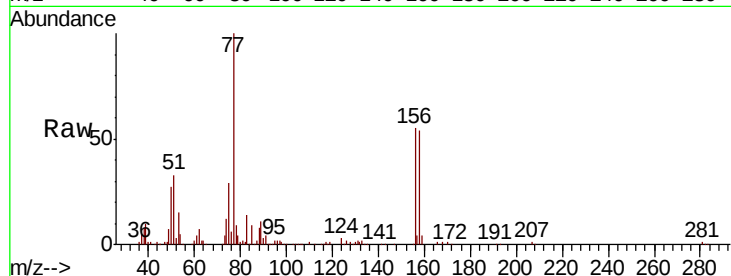
ClientSampleId :

VN1119WBS01

Tot Ion:	156	Resp:	115956
Ion Ratio	Lower	Upper	
156	100		
77	218.5	112.8	338.3
158	95.9	48.4	145.3

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#78

n-propylbenzene

Concen: 27.111 ug/l

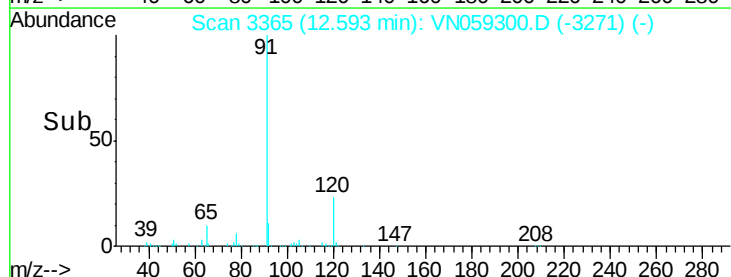
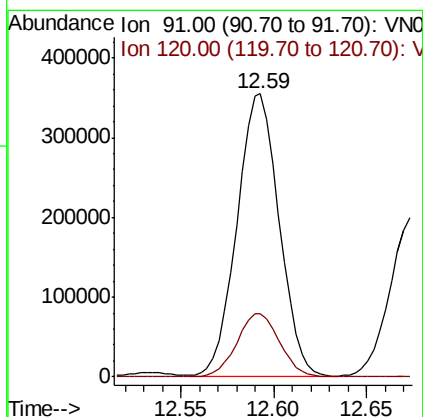
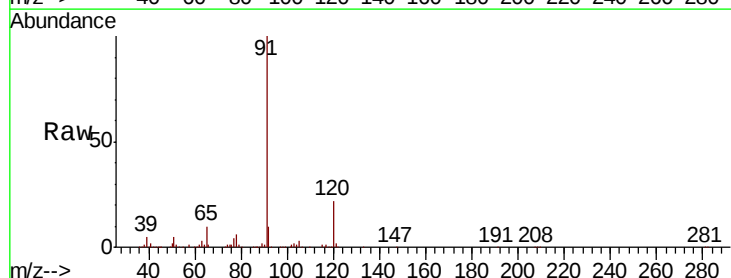
RT: 12.59 min Scan# 3365

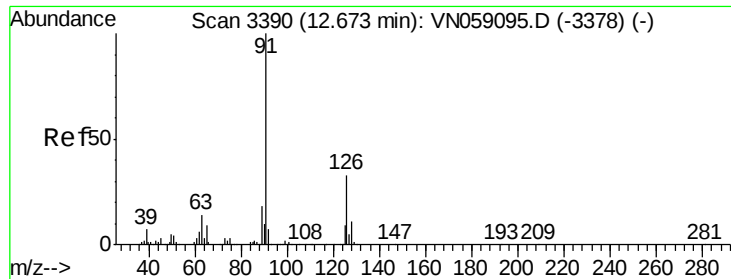
Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	91	Resp:	556226
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.2	33.5





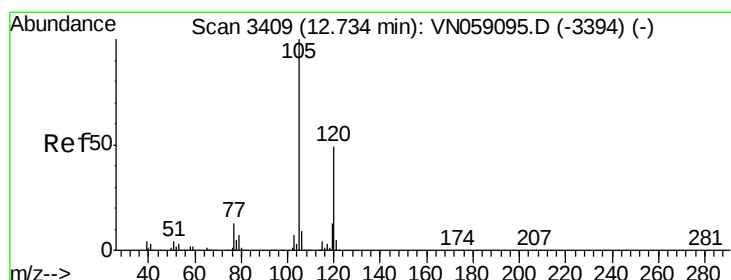
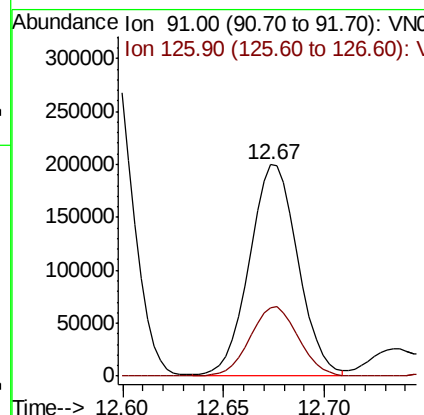
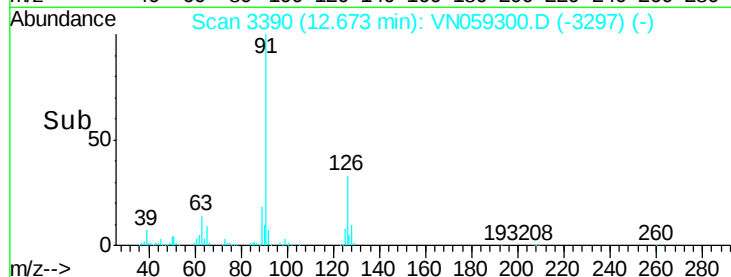
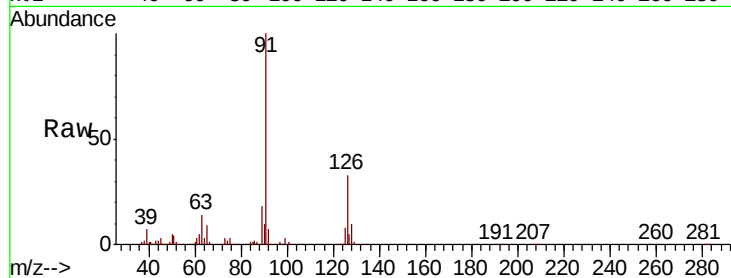
#79
2-Chlorotoluene
Concen: 26.195 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 91 Resp: 333397
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

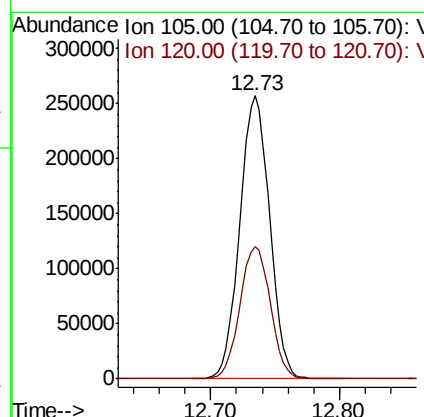
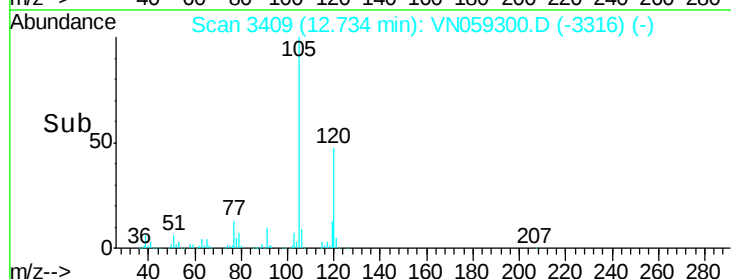
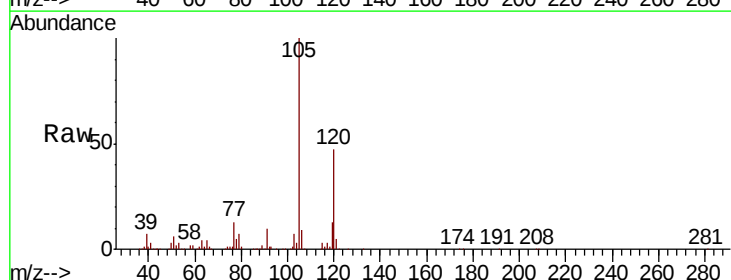
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#80
1,3,5-Trimethylbenzene
Concen: 27.173 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 105 Resp: 412575
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





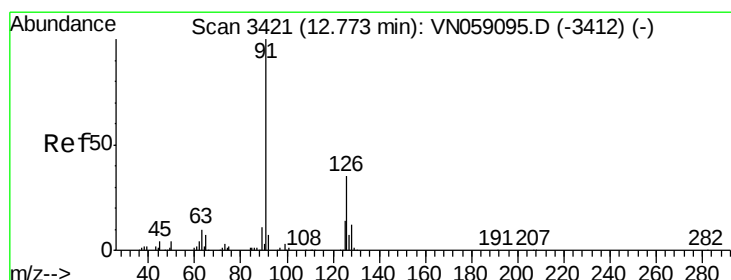
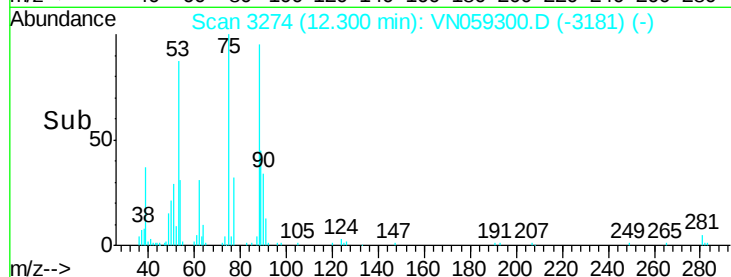
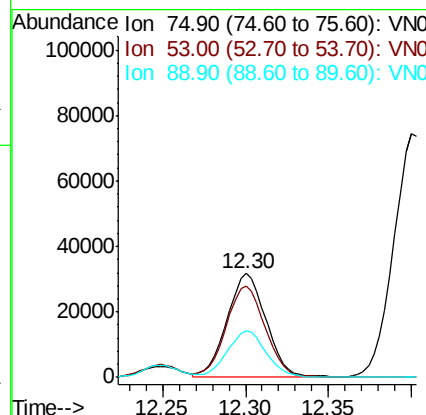
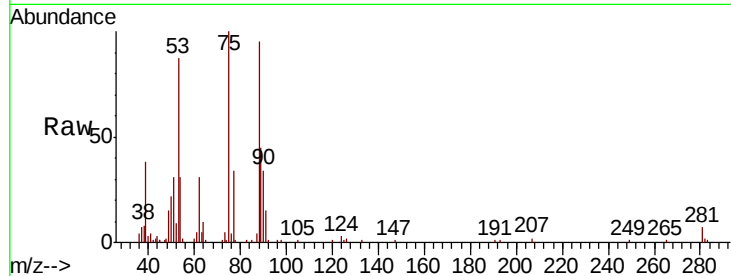
#81
trans-1,4-Dichloro-2-butene
Concen: 24.534 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.4	72.2	108.2
89	44.5	35.8	53.8

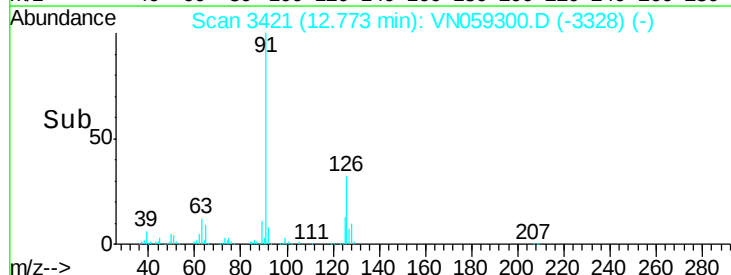
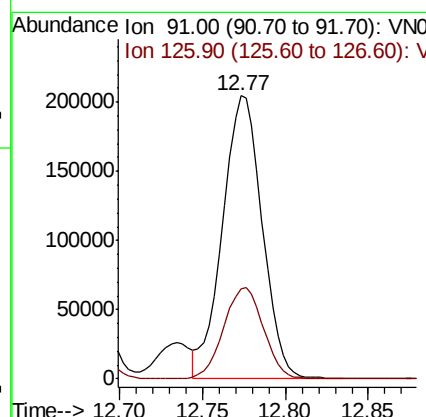
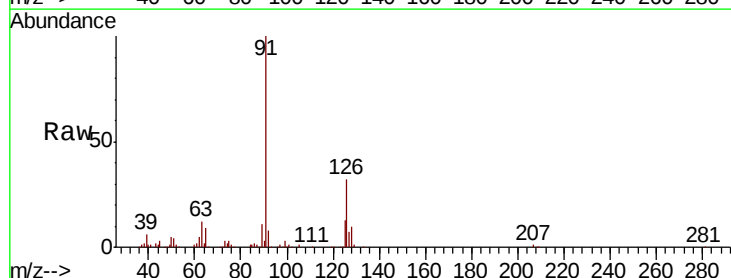
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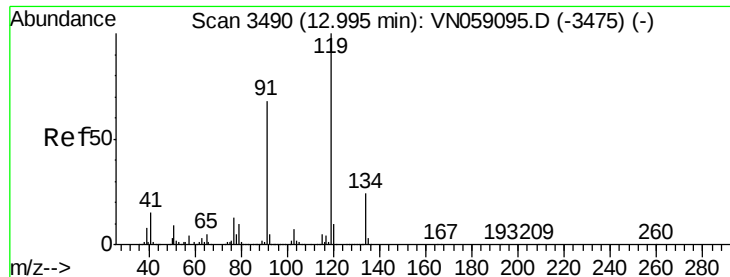
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#82
4-Chlorotoluene
Concen: 26.592 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.2





#83

tert-Butylbenzene

Concen: 26.653 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

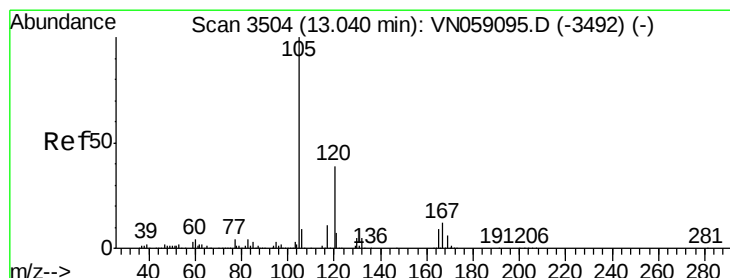
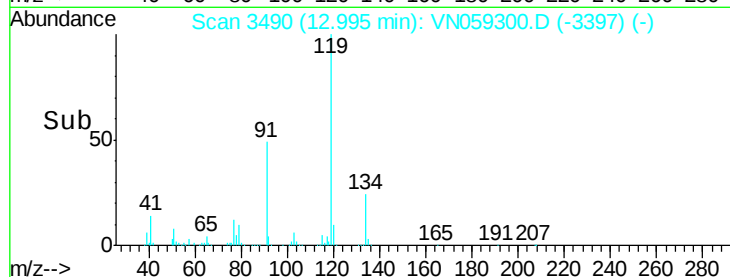
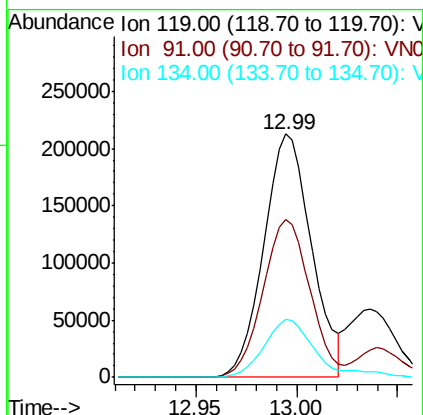
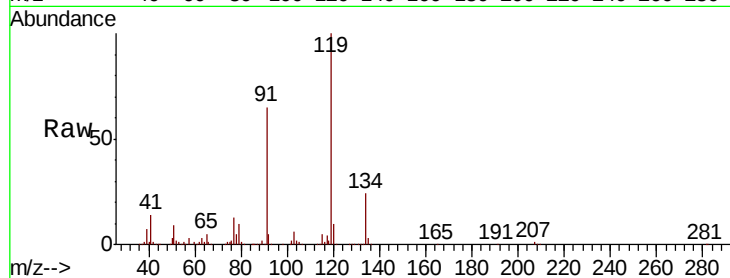
ClientSampleId :

VN1119WBS01

Tot Ion:	119	Resp:	349467
Ion Ratio	Lower	Upper	
119	100		
91	64.1	33.2	99.6
134	25.6	12.7	38.1

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#84

1,2,4-Trimethylbenzene

Concen: 27.375 ug/l

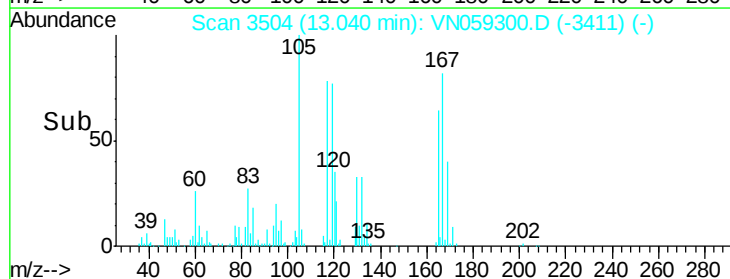
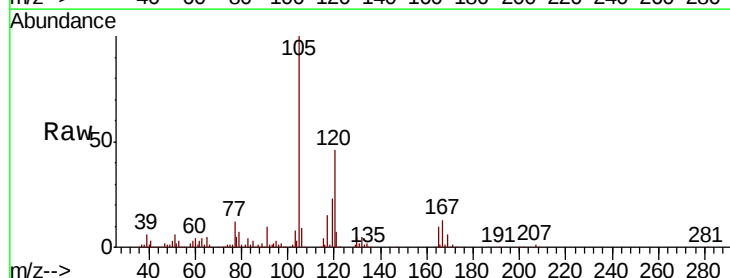
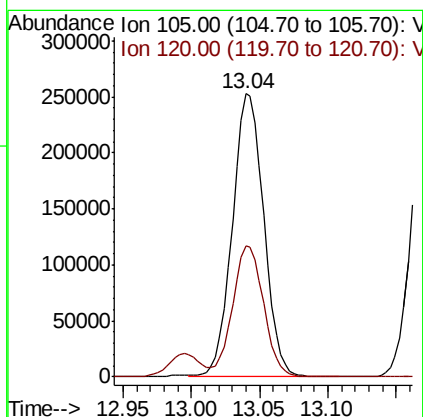
RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	105	Resp:	402131
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.8	68.4





#85

sec-Butylbenzene

Concen: 27.063 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion:105 Resp: 461495

Ion Ratio Lower Upper

105 100

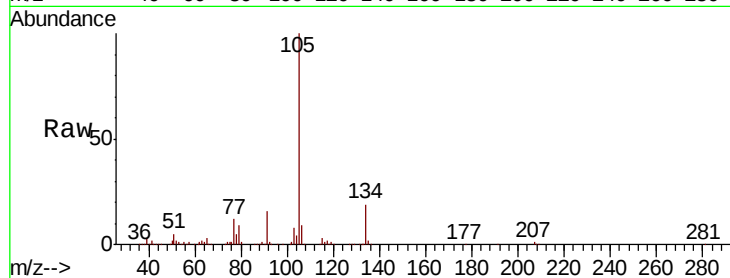
134 19.5 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

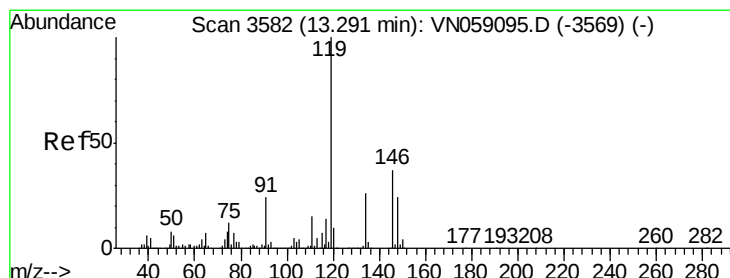
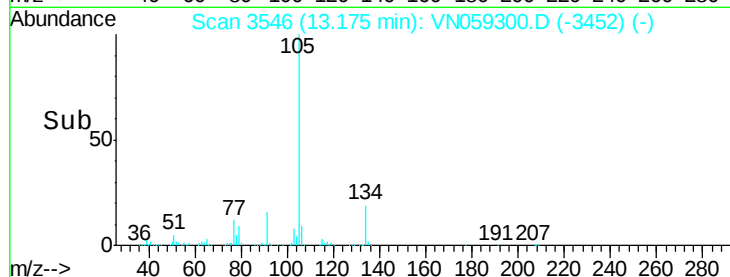
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 27.395 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

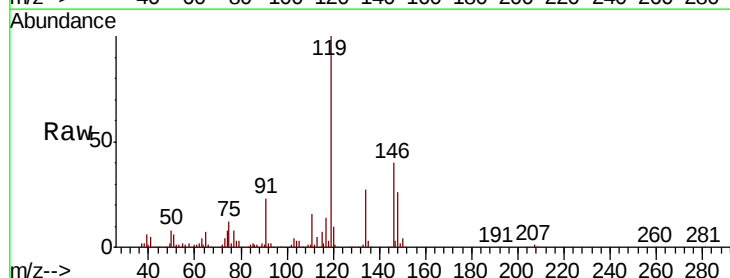
Tgt Ion:119 Resp: 412486

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.2 11.7 35.1



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

13.29

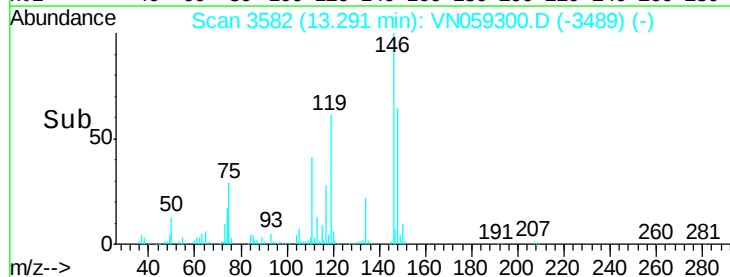
300000

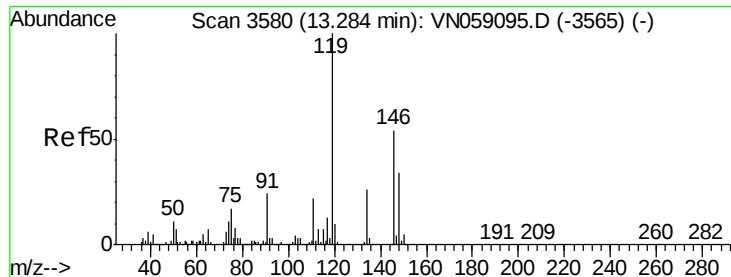
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 25.892 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059300.D

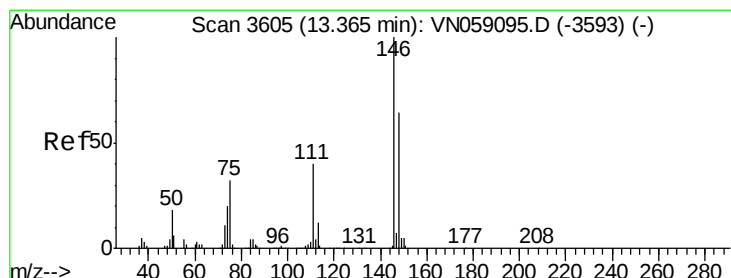
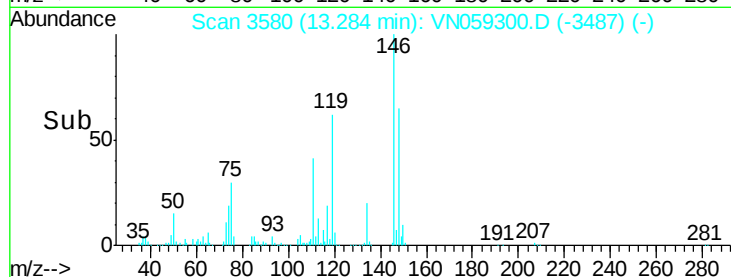
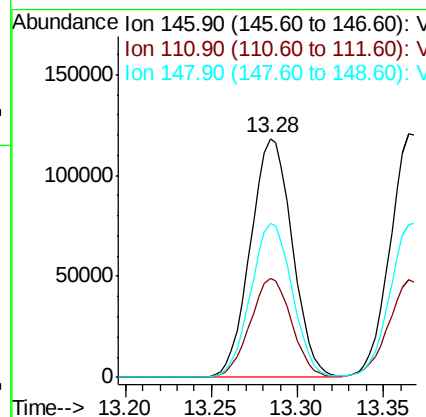
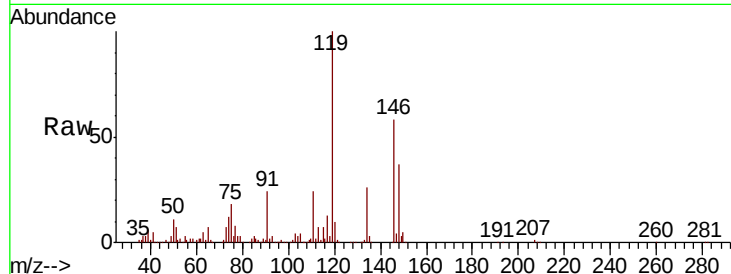
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.0	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 25.740 ug/l

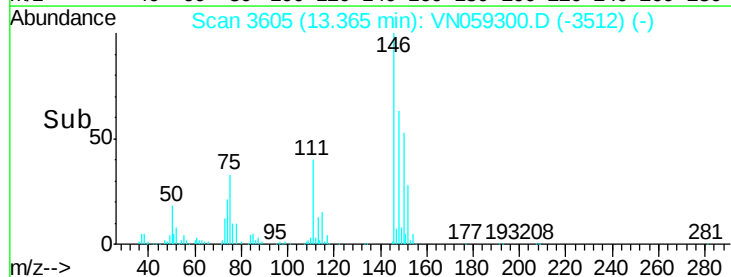
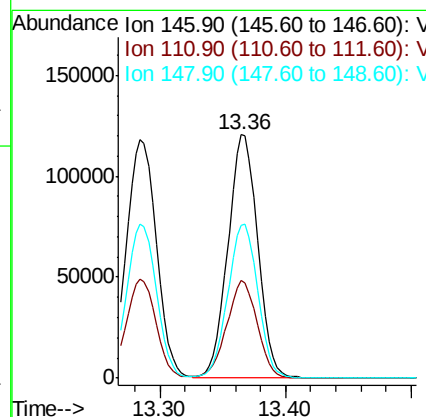
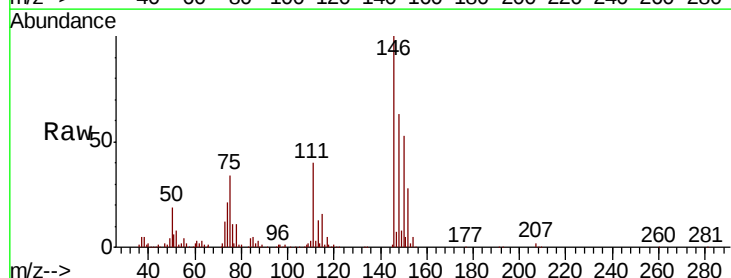
RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.0	31.9	95.7





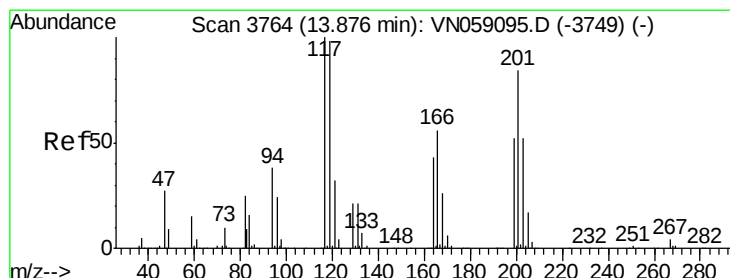
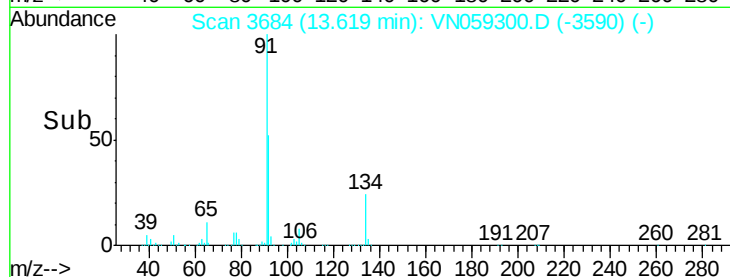
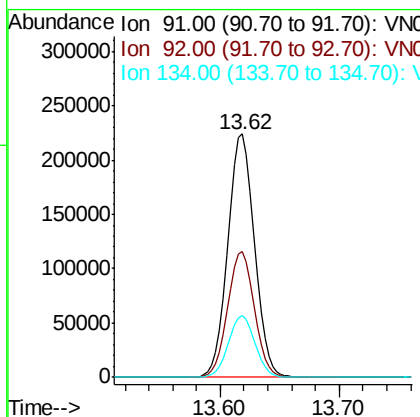
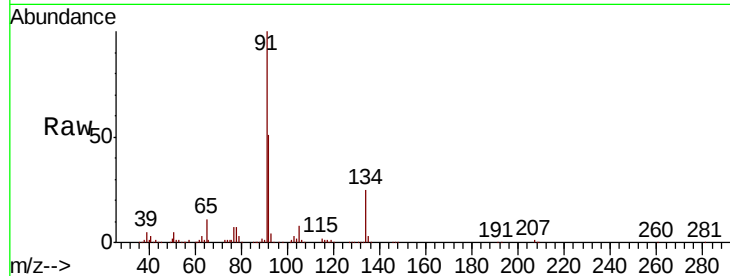
#89
n-Butylbenzene
Concen: 26.485 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	25.4	12.6	37.8

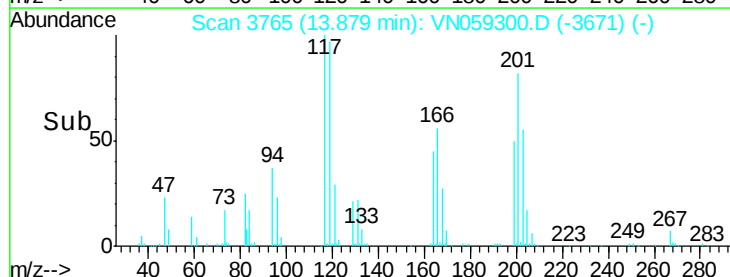
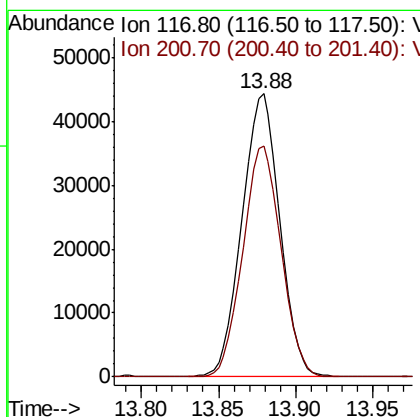
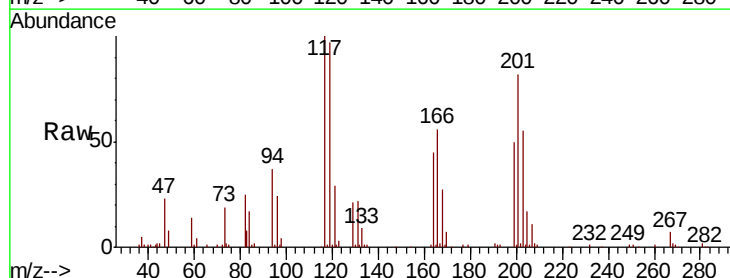
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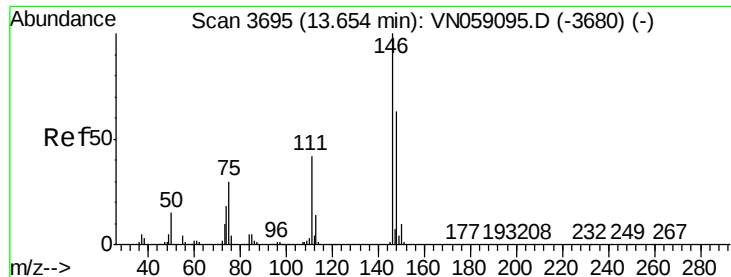
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#90
Hexachloroethane
Concen: 24.997 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	41.8	125.3





#91

1,2-Dichlorobenzene

Concen: 26.084 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

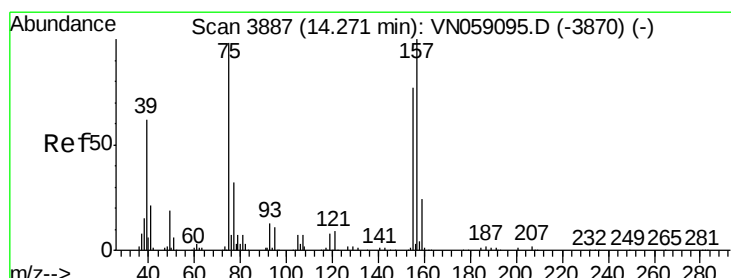
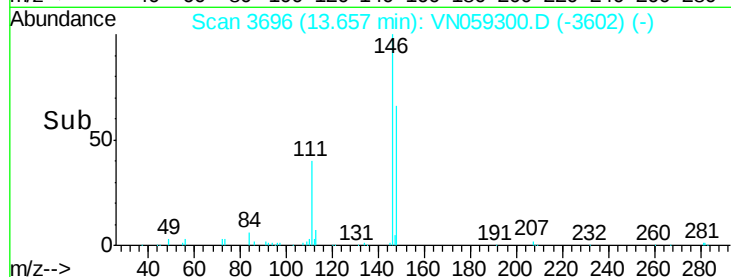
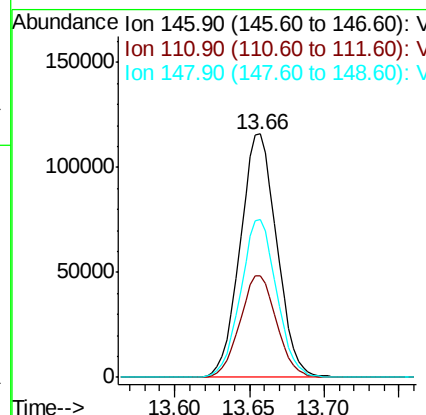
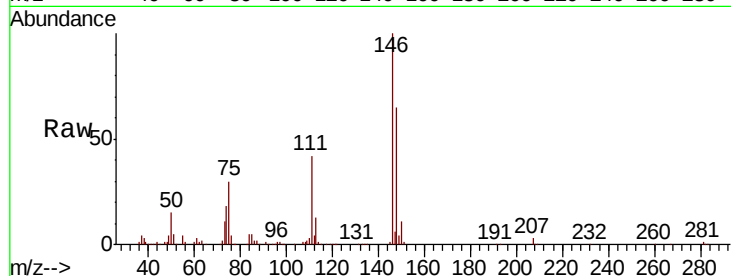
ClientSampleId :

VN1119WBS01

Tot Ion:	146	Resp:	197807
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.2	63.6
148	64.0	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 24.994 ug/l

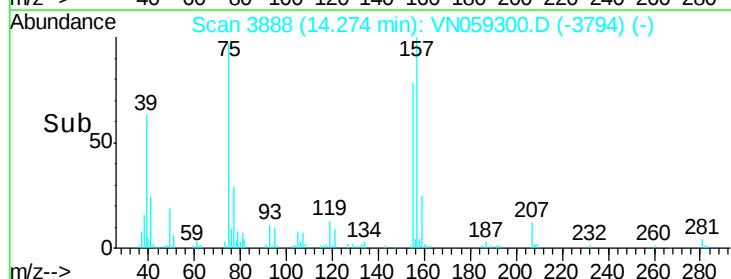
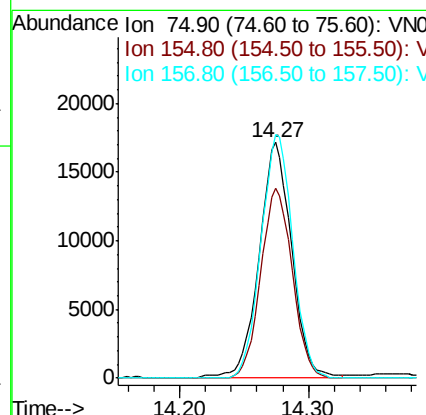
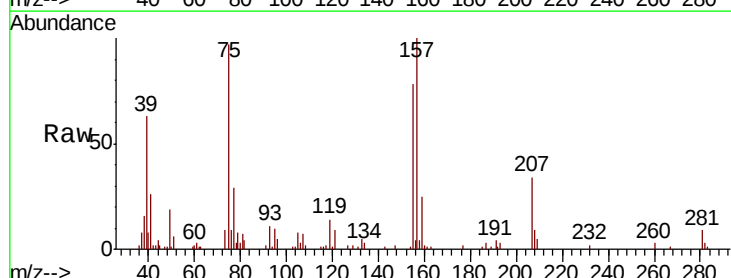
RT: 14.27 min Scan# 3888

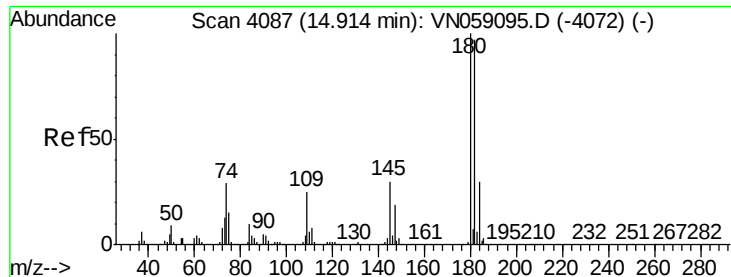
Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	75	Resp:	30412
Ion Ratio	Lower	Upper	
75	100		
155	77.6	40.2	120.6
157	100.2	51.8	155.5





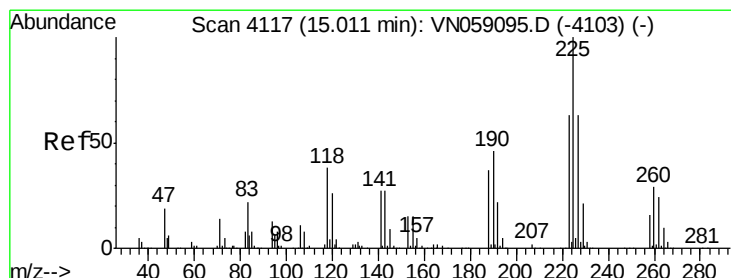
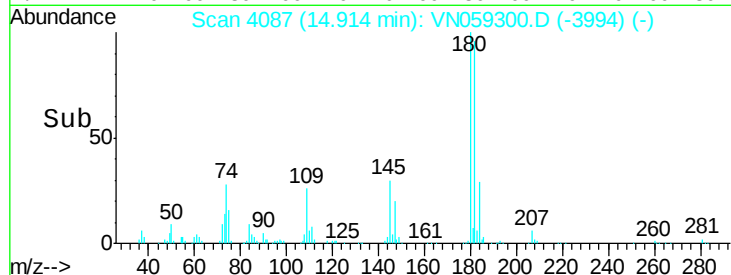
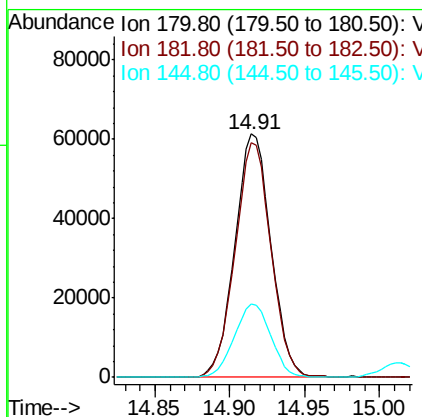
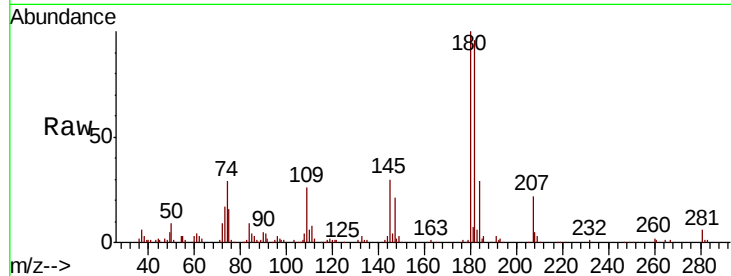
#93
 1,2,4-Trichlorobenzene
 Concen: 24.067 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102989		
182	95.8		48.1	144.3
145	30.8		15.1	45.3

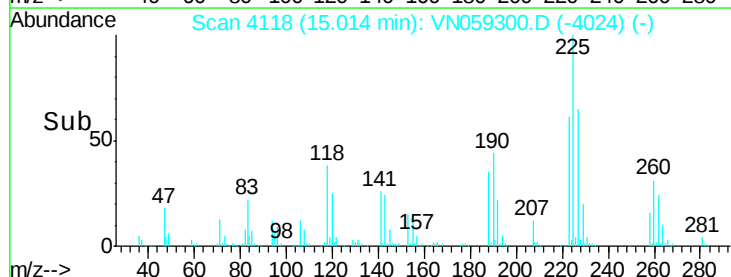
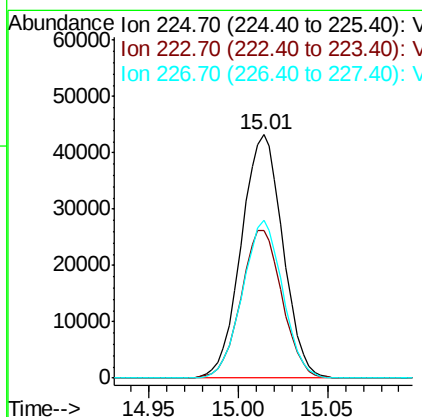
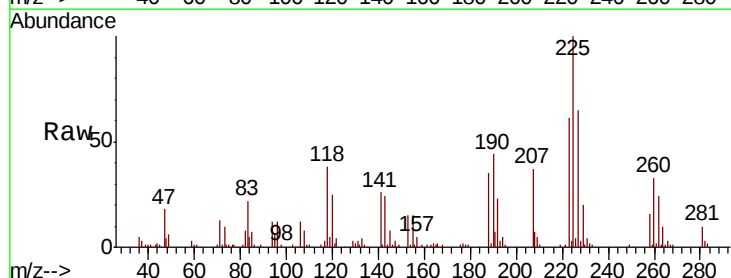
Manual Integrations
 APPROVED

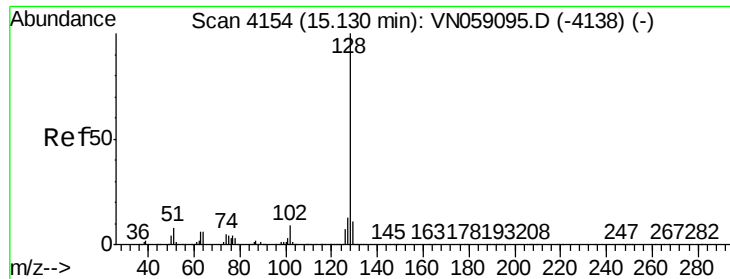
MMDadoda
 11/20/2019 1:37:33 PM



#94
 Hexachlorobutadiene
 Concen: 26.888 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70308		
223	60.5		31.3	93.9
227	62.8		31.5	94.5





#95

Naphthalene

Concen: 22.288 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

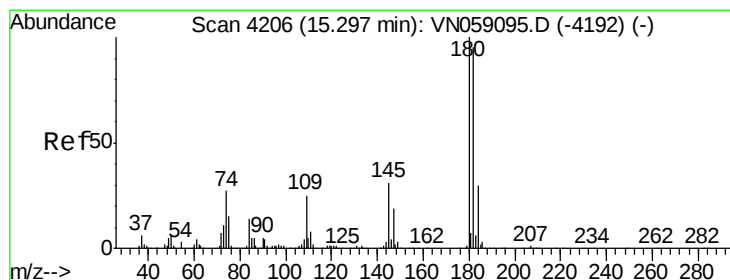
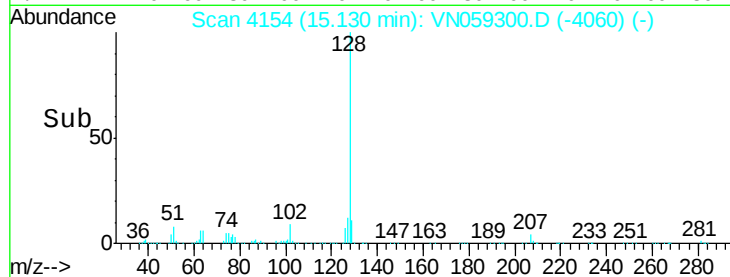
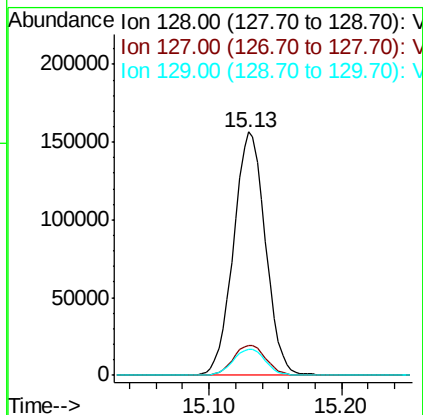
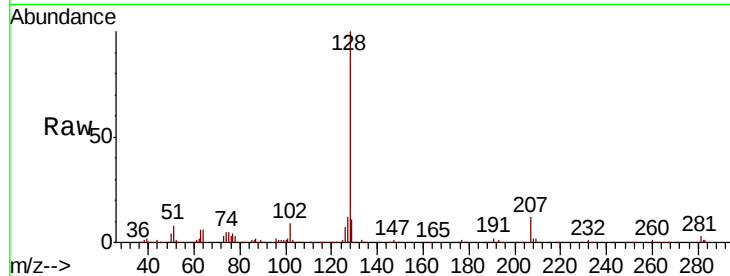
ClientSampleId :

VN1119WBS01

Tot Ion:	128	Resp:	261567
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/20/2019 1:37:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 23.682 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	180	Resp:	100647
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.8
145	32.0	15.8	47.3

