

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059382.D
 Acq On : 25 Nov 2019 15:00
 Operator : JC/SP
 Sample : VN1125WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Manual Integrations
 APPROVED

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 11/26/2019 12:32:12 PM

Quant Time: Nov 25 17:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	386382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	530199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	188892	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
35) Dibromofluoromethane	7.57	113	153326	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	10.08	98	605121	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	
62) 4-Bromofluorobenzene	12.40	95	208278	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65326	13.206	ug/l	96
3) Chloromethane	2.04	50	78492	12.953	ug/l	98
4) Vinyl Chloride	2.17	62	84738	13.582	ug/l	98
5) Bromomethane	2.55	94	47602	13.743	ug/l	98
6) Chloroethane	2.69	64	43164	12.676	ug/l	99
7) Trichlorofluoromethane	3.00	101	86436	12.865	ug/l	97
8) Diethyl Ether	3.38	74	37941	13.813	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56877	13.845	ug/l	99
10) Methyl Iodide	3.93	142	67565	13.233	ug/l	98
11) Tert butyl alcohol	4.77	59	62251	67.068	ug/l	100
12) 1,1-Dichloroethene	3.71	96	55864	13.396	ug/l	99
13) Acrolein	3.58	56	33497	39.534	ug/l	99
14) Allyl chloride	4.29	41	103238	13.252	ug/l	98
15) Acrylonitrile	4.96	53	162167	66.079	ug/l	98
16) Acetone	3.80	43	161827	77.851	ug/l	99
17) Carbon Disulfide	4.03	76	173997	13.416	ug/l	99
18) Methyl Acetate	4.30	43	92133	13.355	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	183886	13.653	ug/l	98
20) Methylene Chloride	4.52	84	63605	13.567	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	60770	13.750	ug/l	93
22) Diisopropyl ether	5.92	45	198904	13.561	ug/l	97
23) Vinyl Acetate	5.87	43	766052	66.415	ug/l	100
24) 1,1-Dichloroethane	5.82	63	115232	13.957	ug/l	99
25) 2-Butanone	6.81	43	215417	66.645	ug/l	98
26) 2,2-Dichloropropane	6.80	77	97306	13.611	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	67201	13.477	ug/l	100
28) Bromochloromethane	7.17	49	2286	2.999	ug/l #	75
29) Tetrahydrofuran	7.19	42	140201	62.729	ug/l	99
30) Chloroform	7.35	83	108178	13.402	ug/l	96
31) Cyclohexane	7.63	56	107581	13.179	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	91178	13.246	ug/l	99
36) 1,1-Dichloropropene	7.77	75	84186	13.565	ug/l	99
37) Ethyl Acetate	6.90	43	85845	12.870	ug/l	97
38) Carbon Tetrachloride	7.75	117	80705	13.584	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	99581	13.306	ug/l	100
40) Benzene	8.02	78	252516	13.863	ug/l	99
41) Methacrylonitrile	7.14	41	34390	11.615	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	83155	13.804	ug/l	99
43) Isopropyl Acetate	8.15	43	132495	12.998	ug/l	99
44) Trichloroethene	8.82	130	64667	14.008	ug/l	95
45) 1,2-Dichloropropane	9.10	63	67657	13.929	ug/l	97
46) Dibromomethane	9.19	93	40842	13.709	ug/l	99
47) Bromodichloromethane	9.39	83	81951	13.735	ug/l	99
48) Methyl methacrylate	9.19	41	58697	12.663	ug/l	97
49) 1,4-Dioxane	9.19	88	21729	311.896	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	398328	66.761	ug/l	99
52) Toluene	10.15	92	152430	13.917	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	94464	13.619	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	104203	13.845	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	59402	13.949	ug/l	97
56) Ethyl methacrylate	10.42	69	84219	13.389	ug/l	98
57) 1,3-Dichloropropane	10.70	76	102923	13.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	118558	63.601	ug/l	100
59) 2-Hexanone	10.75	43	291210	66.655	ug/l	99
60) Dibromochloromethane	10.90	129	61307	13.662	ug/l	98
61) 1,2-Dibromoethane	11.00	107	60823	13.727	ug/l	100
64) Tetrachloroethene	10.63	164	58202	14.193	ug/l	98
65) Chlorobenzene	11.43	112	158115	13.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59068	14.262	ug/l	100
67) Ethyl Benzene	11.51	91	284118	13.958	ug/l	99
68) m/p-Xylenes	11.62	106	208305	27.540	ug/l	99
69) o-Xylene	11.95	106	100039	13.815	ug/l	97
70) Styrene	11.96	104	155346	13.596	ug/l	99
71) Bromoform	12.13	173	43137	13.753	ug/l #	97
73) Isopropylbenzene	12.25	105	266276	13.667	ug/l	99
74) N-amyl acetate	12.07	43	95767	12.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86025	13.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76143m	13.858	ug/l	
77) Bromobenzene	12.53	156	64482	13.645	ug/l	98
78) n-propylbenzene	12.59	91	306528	13.889	ug/l	100
79) 2-Chlorotoluene	12.67	91	183574	13.552	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	223926	13.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28913	13.161	ug/l	97
82) 4-Chlorotoluene	12.78	91	189721	13.534	ug/l	100
83) tert-Butylbenzene	12.99	119	189315	13.686	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	218026	13.589	ug/l	100
85) sec-Butylbenzene	13.17	105	253208	13.619	ug/l	99
86) p-Isopropyltoluene	13.29	119	227717	13.764	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	112704	13.392	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	111785	13.425	ug/l	99
89) n-Butylbenzene	13.62	91	191572	13.200	ug/l	99
90) Hexachloroethane	13.88	117	41816	13.346	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	108667	13.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15526	11.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59995	14.089	ug/l	98
94) Hexachlorobutadiene	15.01	225	40393	13.769	ug/l	98
95) Naphthalene	15.13	128	150411	13.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	60443	13.599	ug/l	99

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

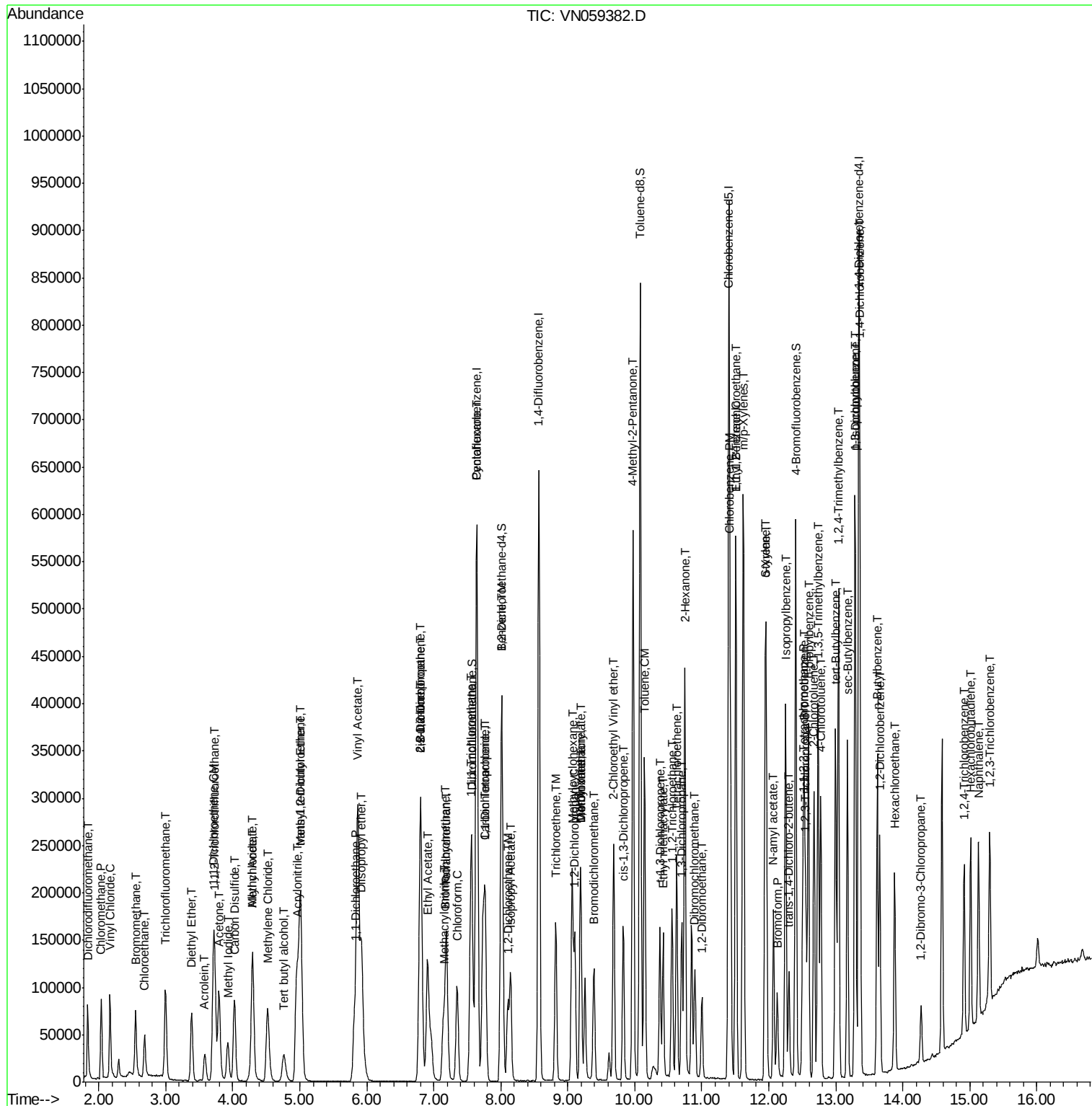
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Data File : VN059382.D
Acq On : 25 Nov 2019 15:00
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Sample : VN1125WBS01
Misc : 5.00mL/MSVOA N/WATER
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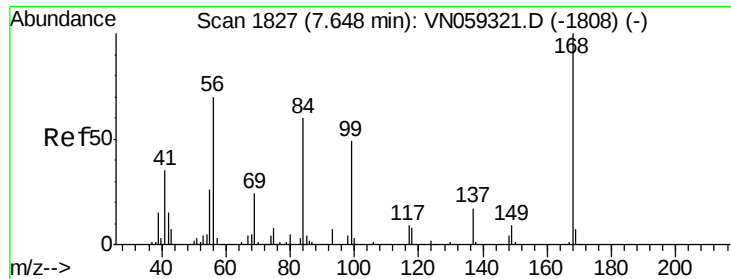
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion:168 Resp: 386382

Ion Ratio Lower Upper

168 100

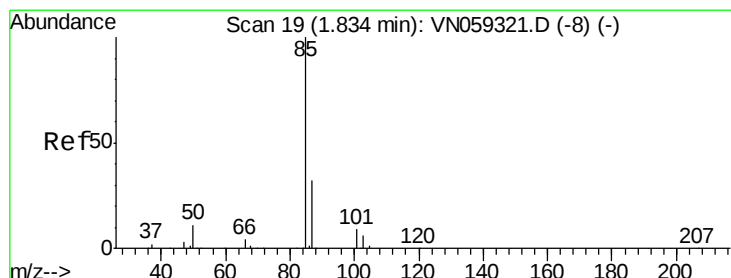
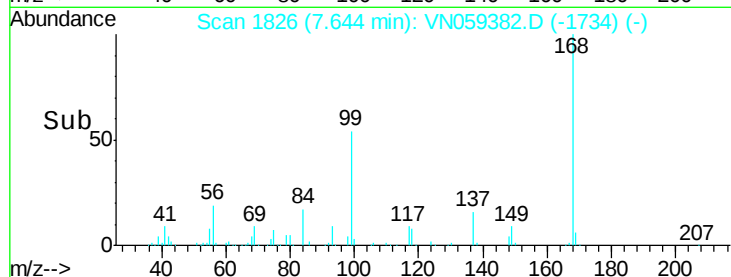
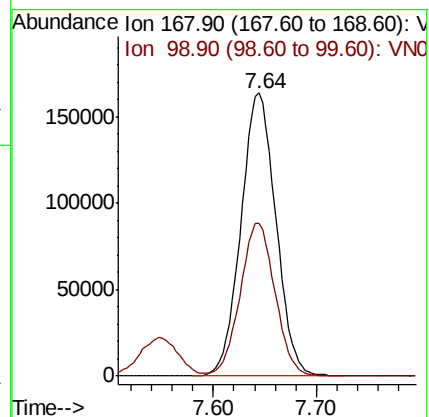
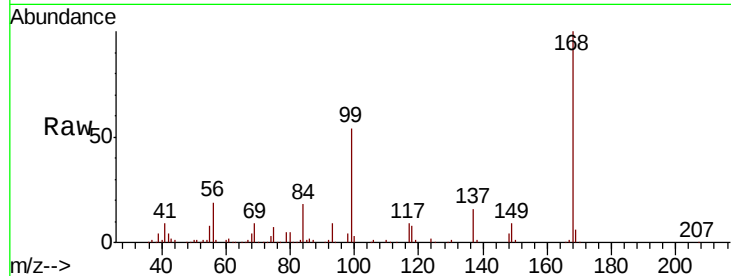
99 53.8 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 13.206 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059382.D

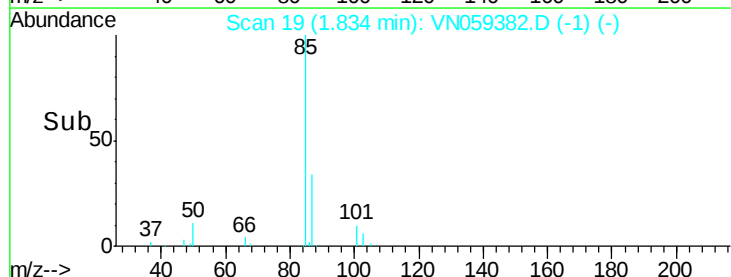
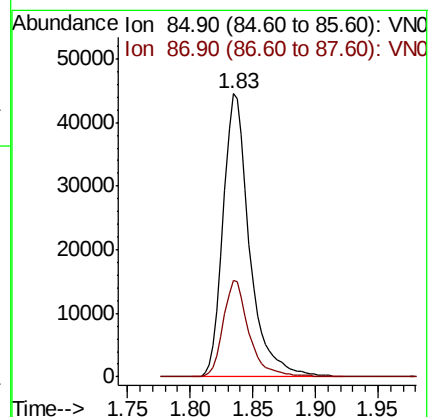
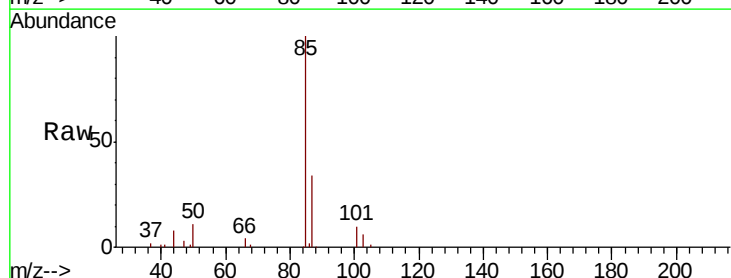
Acq: 25 Nov 2019 15:00

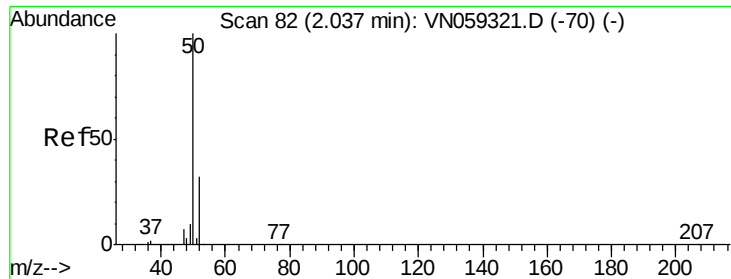
Tgt Ion: 85 Resp: 65326

Ion Ratio Lower Upper

85 100

87 34.3 16.0 48.0





#3

Chloromethane

Concen: 12.953 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 50 Resp: 78492

Ion Ratio Lower Upper

50 100

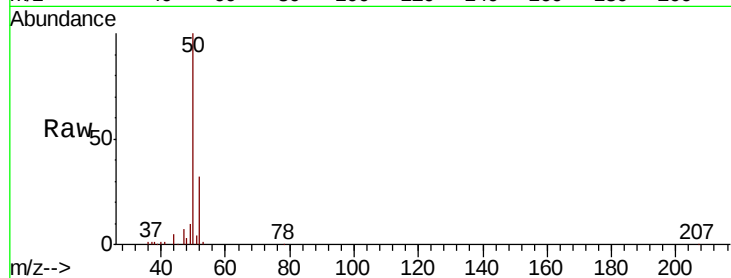
52 31.6 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN059382.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN059382.D (-1) (-)

2.04

50000

40000

30000

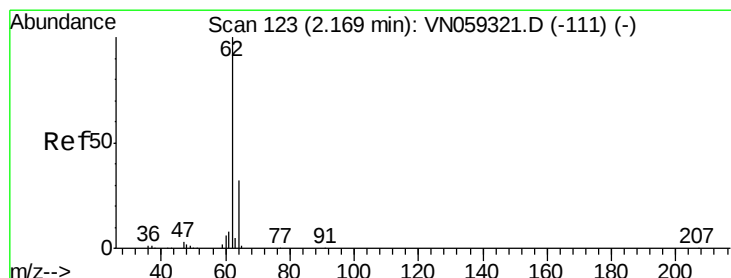
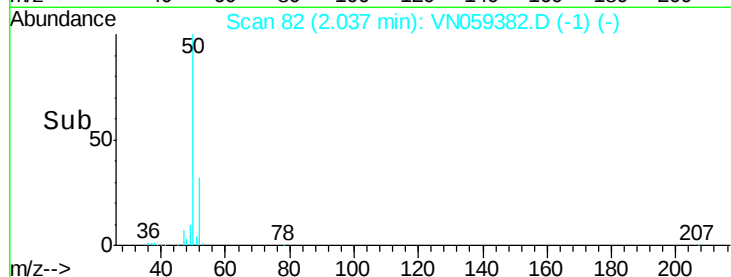
20000

10000

0

Time-->

1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 13.582 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059382.D

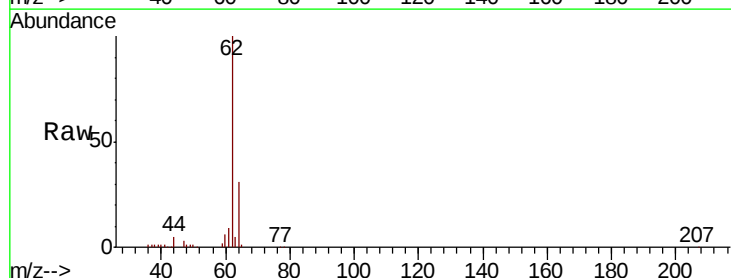
Acq: 25 Nov 2019 15:00

Tgt Ion: 62 Resp: 84738

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN059382.D (-30) (-)

Ion 63.90 (63.60 to 64.60): VN059382.D (-30) (-)

2.17

60000

50000

40000

30000

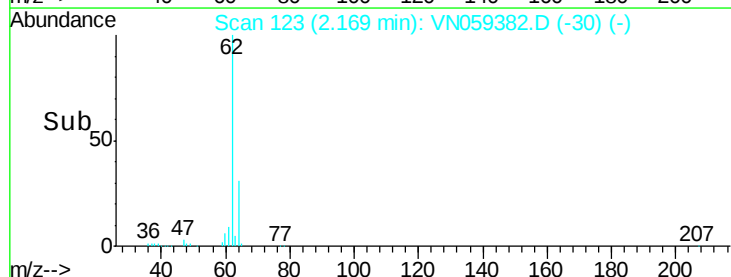
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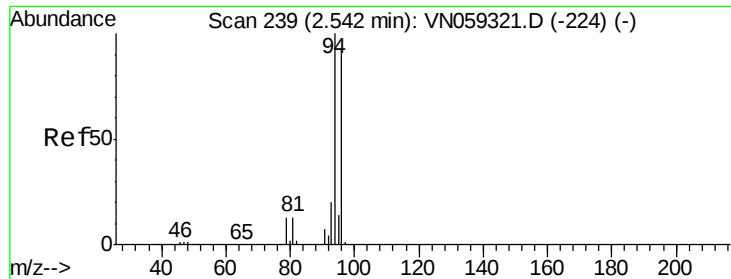
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Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 13.743 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 94 Resp: 47602

Ion Ratio Lower Upper

94 100

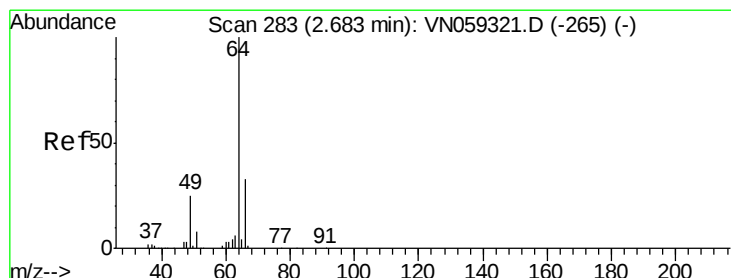
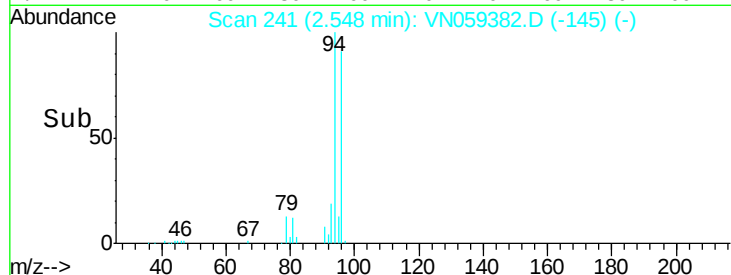
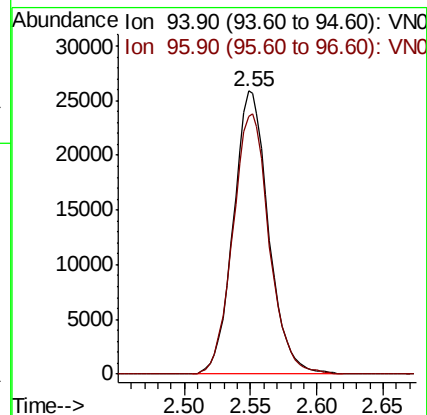
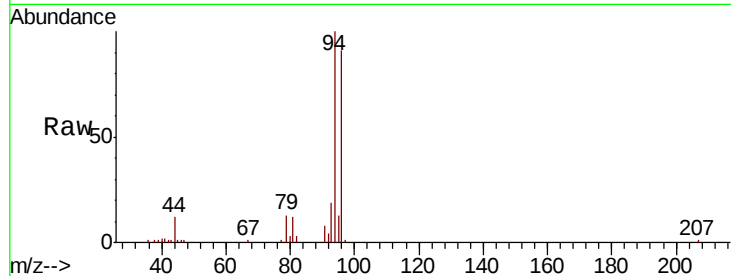
96 91.2 74.5 111.7

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#6

Chloroethane

Concen: 12.676 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059382.D

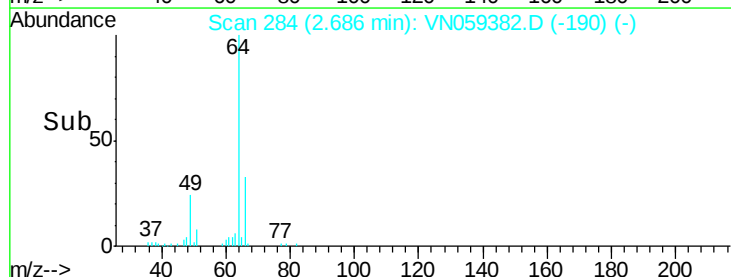
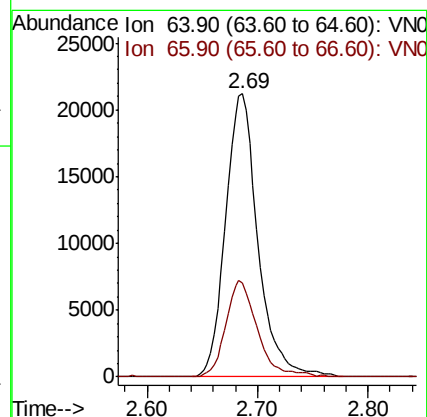
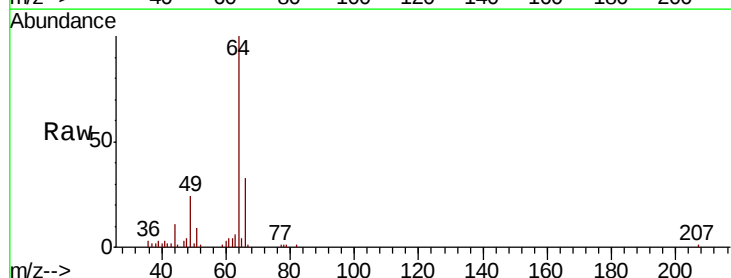
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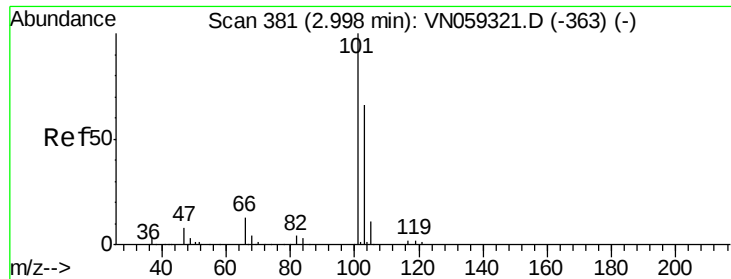
Tgt Ion: 64 Resp: 43164

Ion Ratio Lower Upper

64 100

66 33.2 26.2 39.2





#7

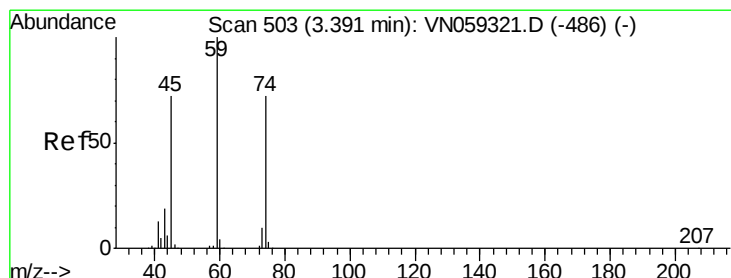
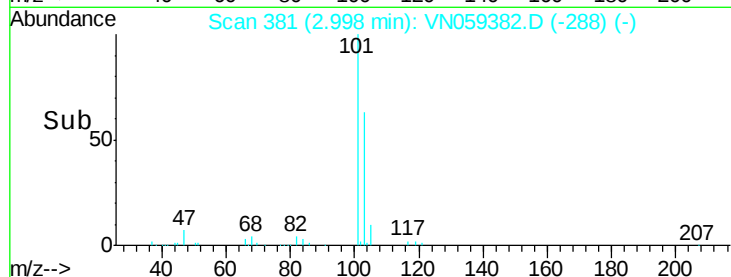
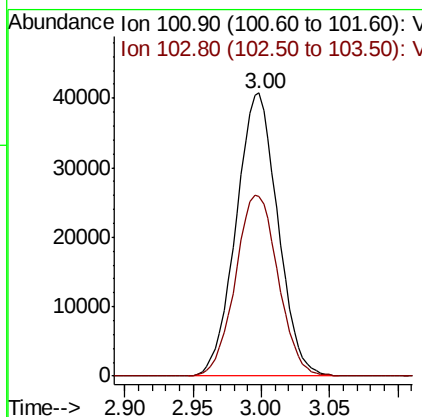
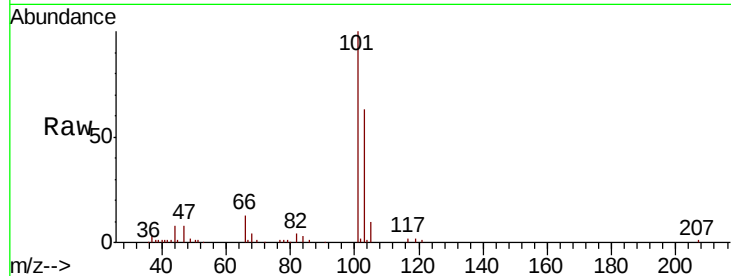
Trichlorofluoromethane
 Concen: 12.865 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
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 VN1125WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.5	78.7

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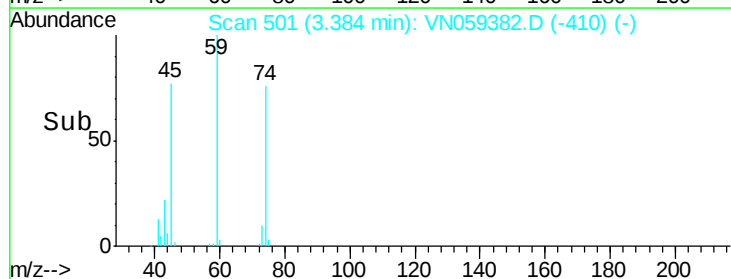
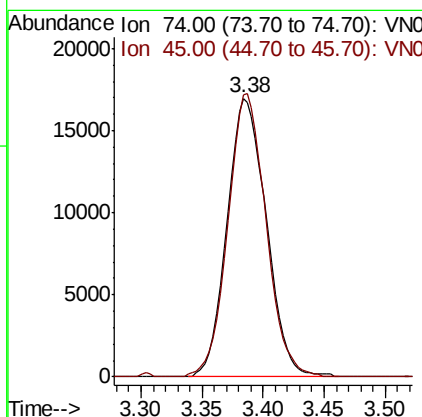
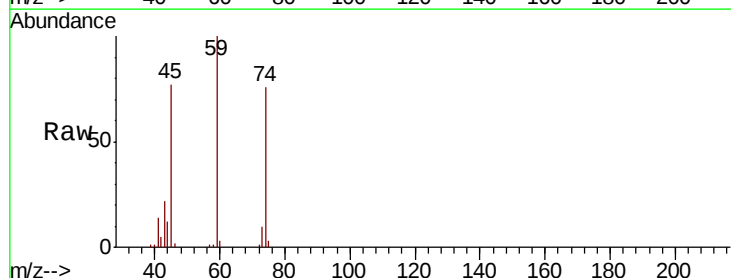
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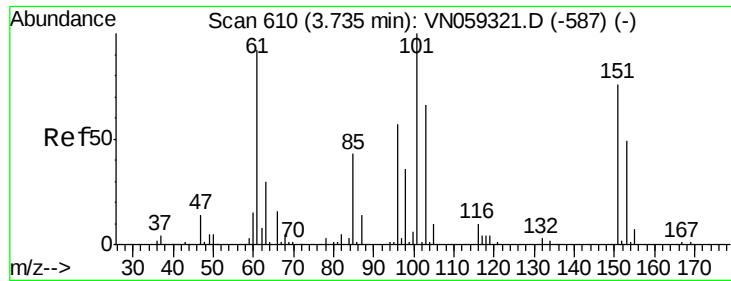


#8

Diethyl Ether
 Concen: 13.813 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN059382.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	51.7	155.2





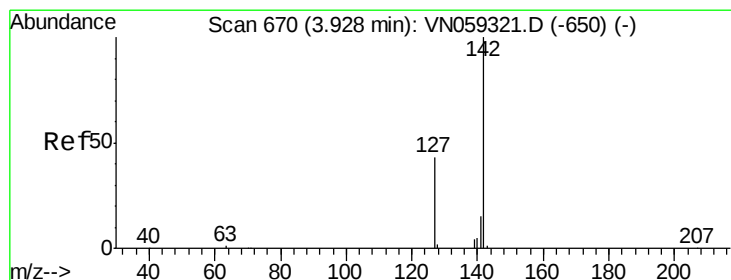
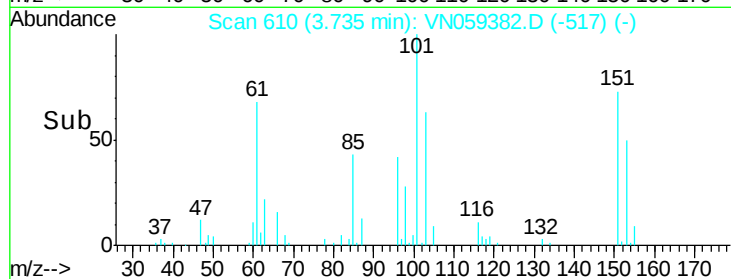
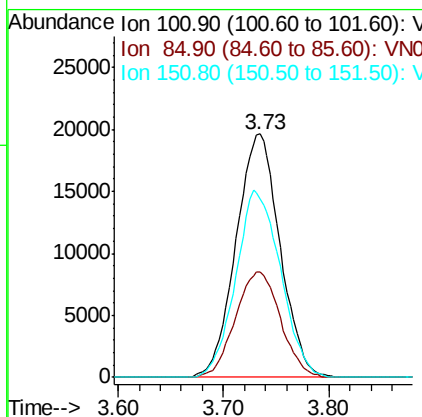
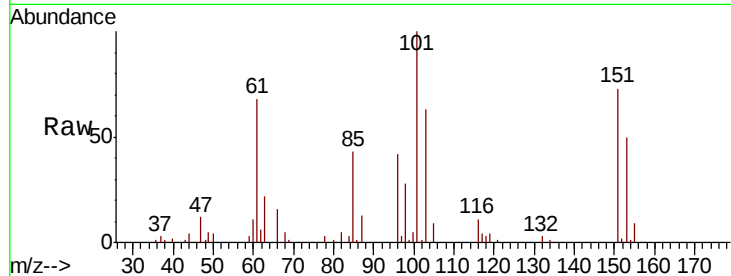
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.845 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN1125WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.8	52.2
151	78.2	62.2	93.4

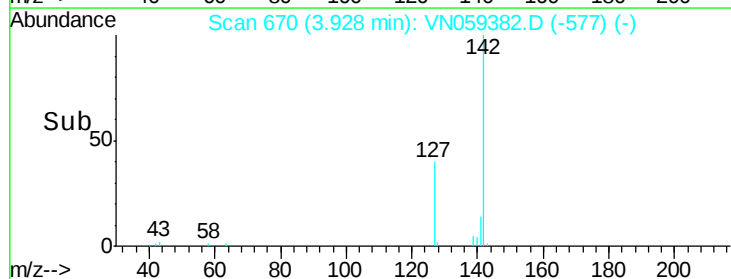
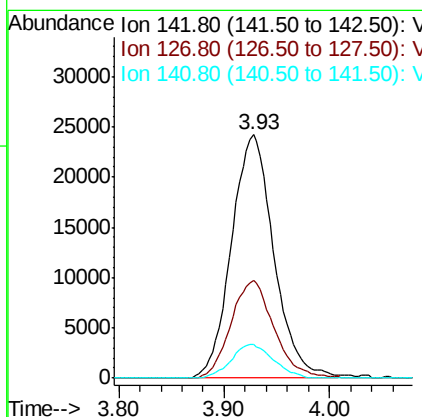
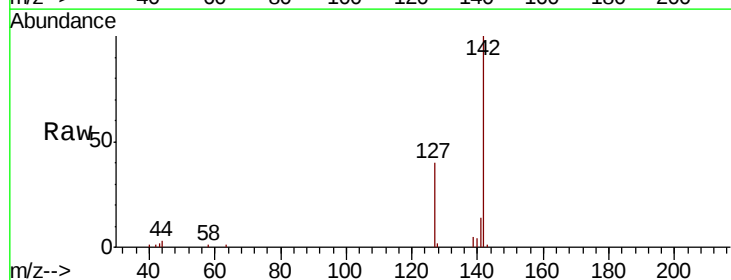
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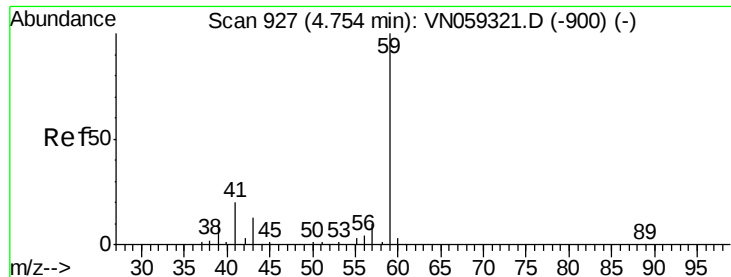
apatel
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#10
 Methyl Iodide
 Concen: 13.233 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.7	33.8	50.6
141	13.8	11.2	16.8





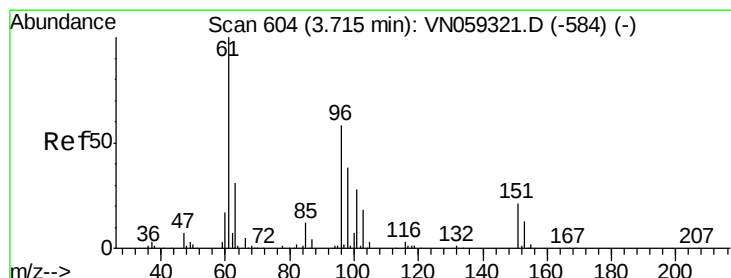
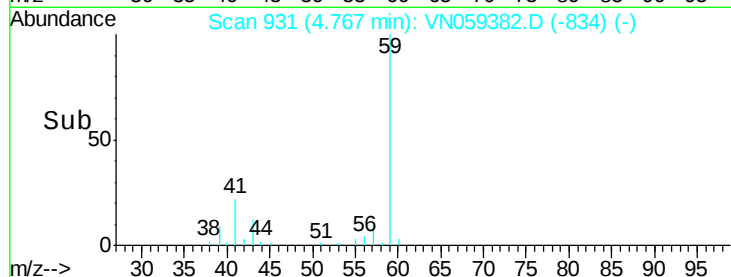
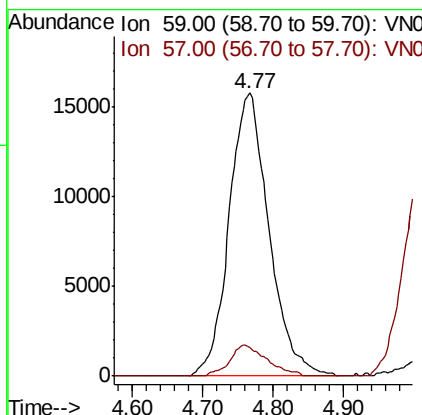
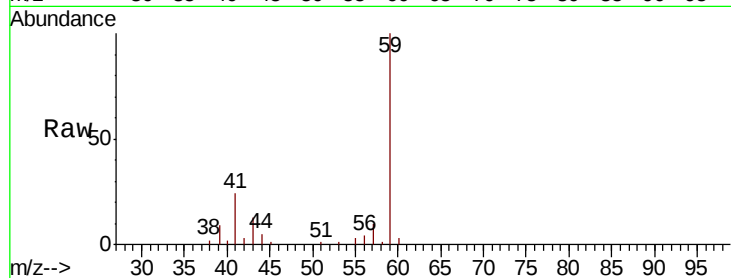
#11
Tert butyl alcohol
Concen: 67.068 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

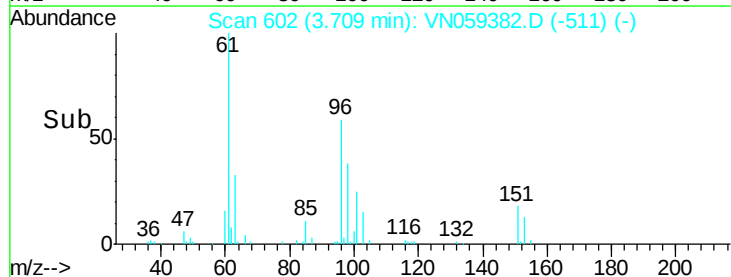
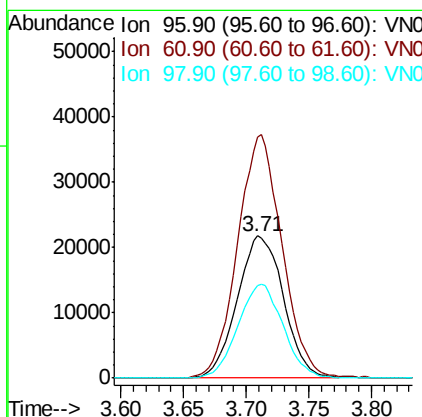
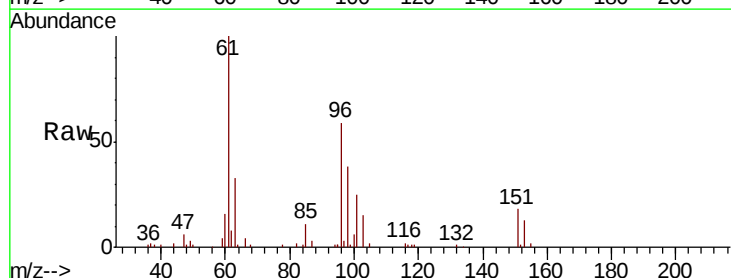
Manual Integrations
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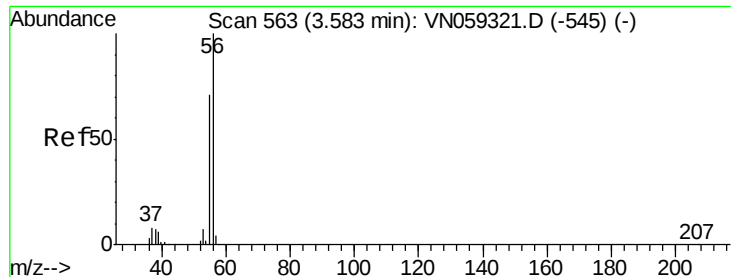
apatel
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#12
1,1-Dichloroethene
Concen: 13.396 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.01 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.3	136.8	205.2
98	64.7	51.6	77.4





#13

Acrolein

Concen: 39.534 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 56 Resp: 33497

Ion Ratio Lower Upper

56 100

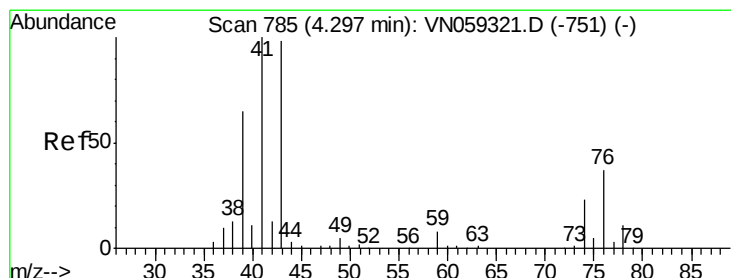
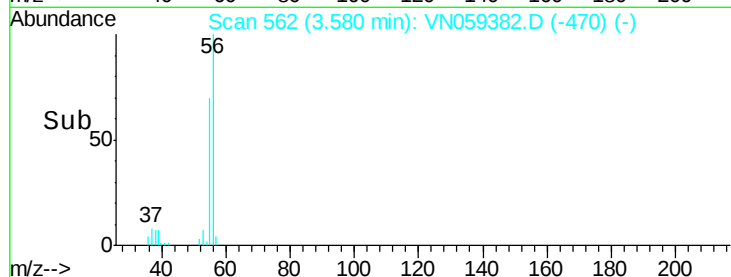
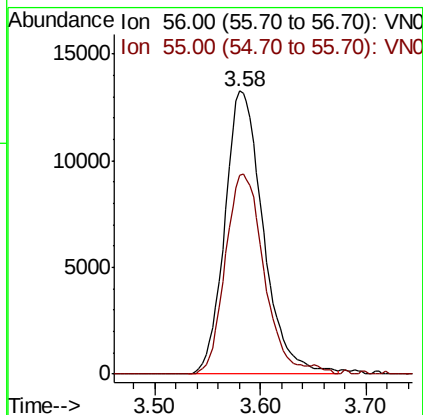
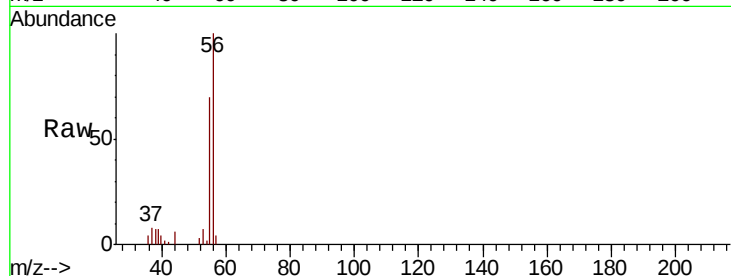
55 70.6 57.4 86.0

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#14

Allyl chloride

Concen: 13.252 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

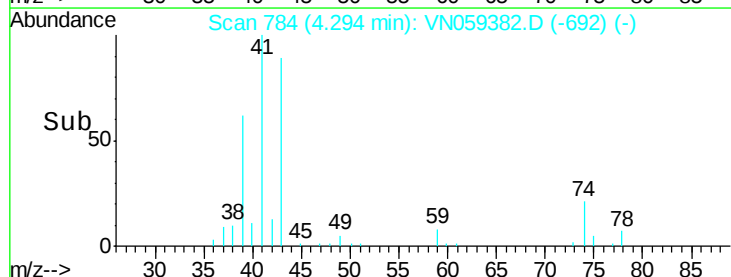
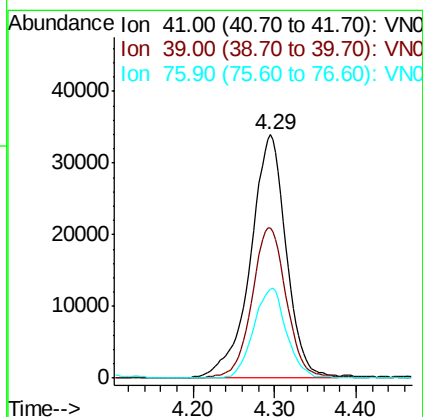
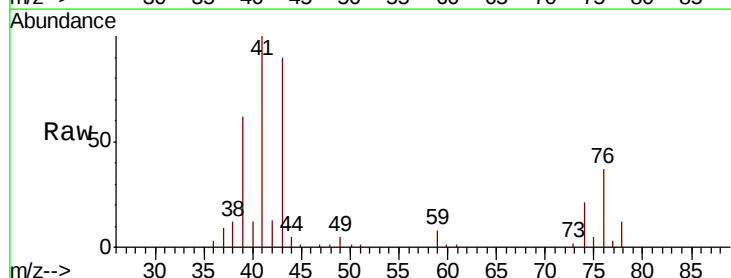
Tgt Ion: 41 Resp: 103238

Ion Ratio Lower Upper

41 100

39 59.4 48.4 72.6

76 33.7 26.2 39.4





#15

Acrylonitrile

Concen: 66.079 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

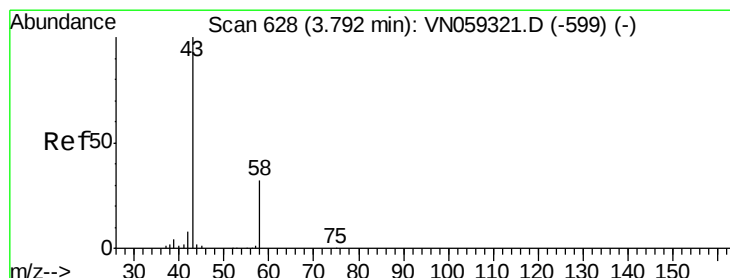
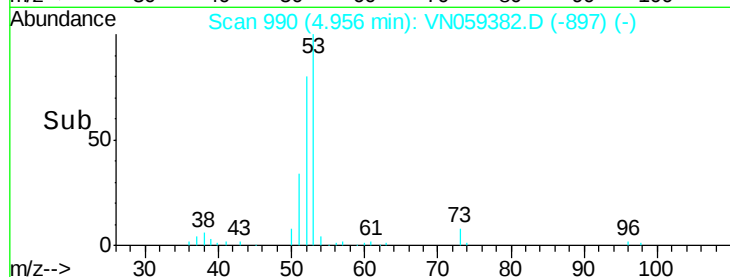
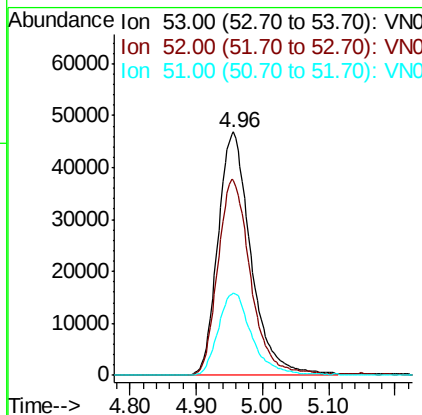
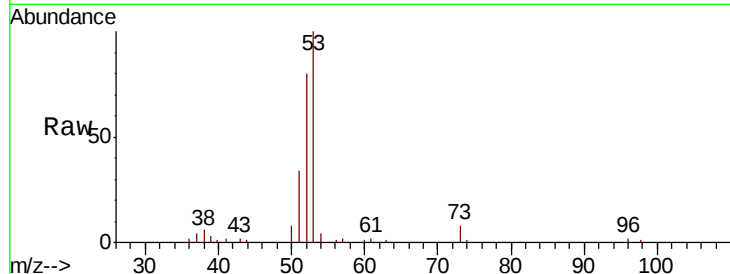
ClientSampleId :

VN1125WBS01

Tot Ion:	53	Resp:	162167
Ion Ratio		Lower	Upper
53	100		
52	79.9	65.8	98.8
51	34.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 77.851 ug/l

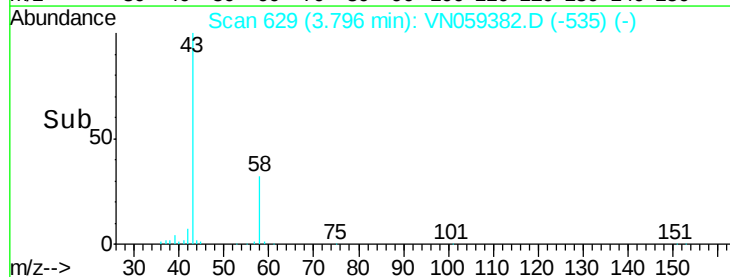
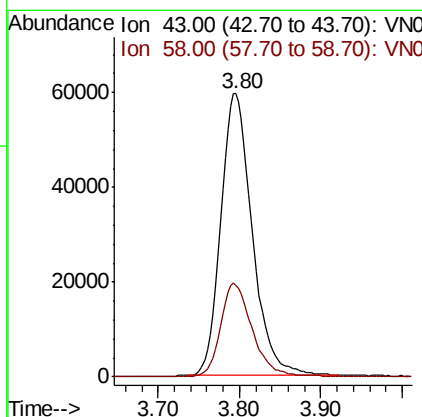
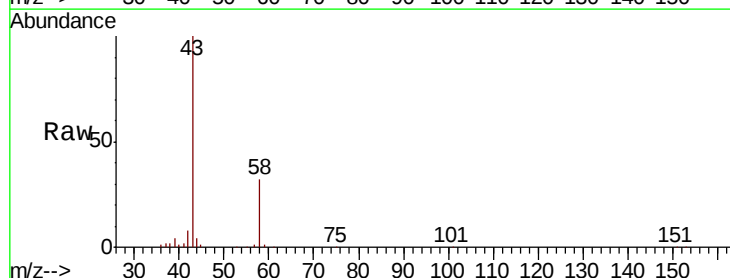
RT: 3.80 min Scan# 629

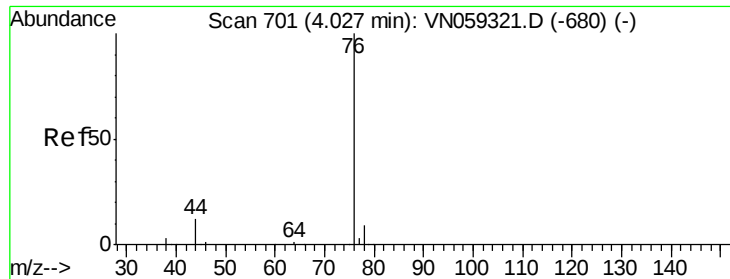
Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	43	Resp:	161827
Ion Ratio		Lower	Upper
43	100		
58	32.5	25.8	38.6





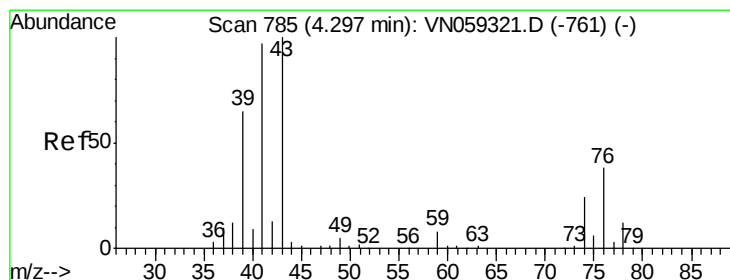
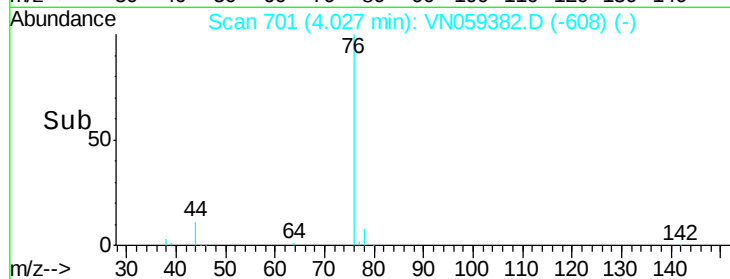
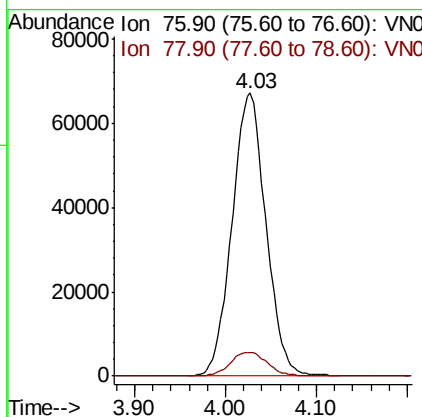
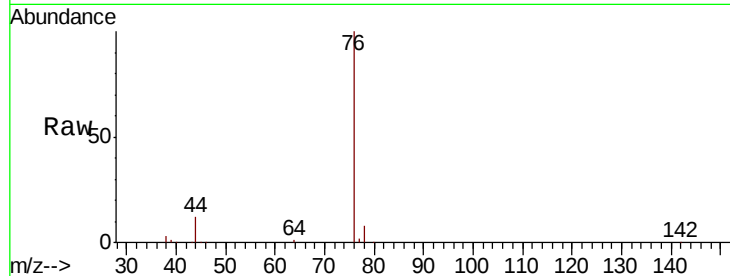
#17
Carbon Disulfide
Concen: 13.416 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

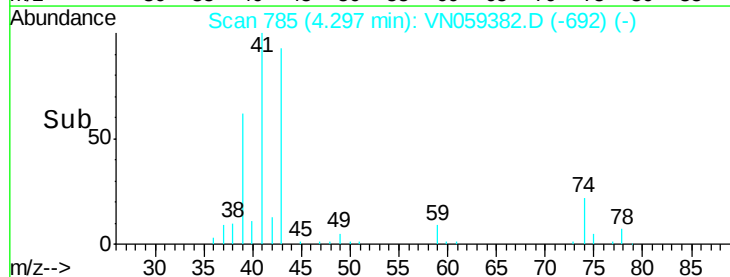
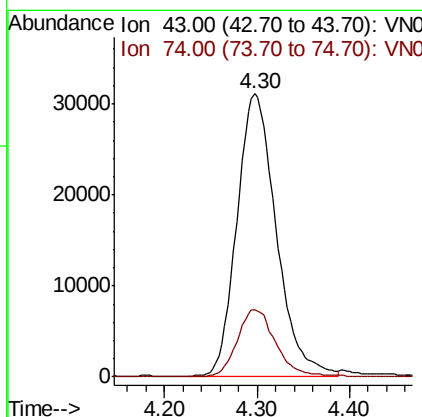
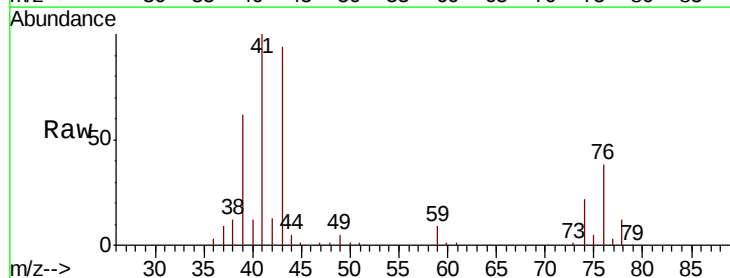
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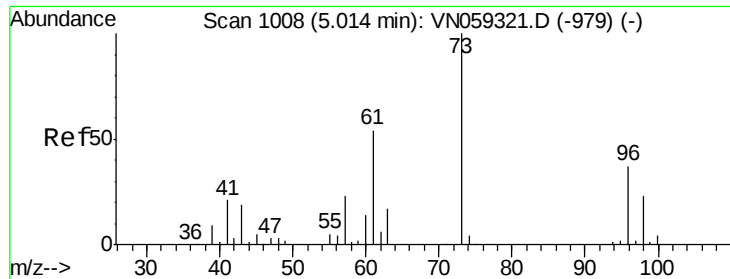
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#18
Methyl Acetate
Concen: 13.355 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.1	27.1





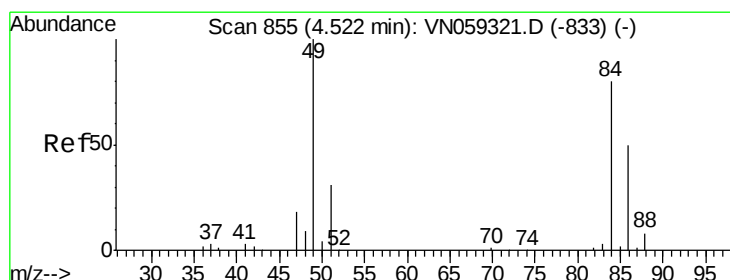
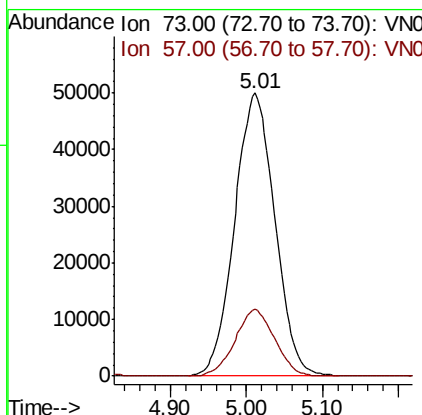
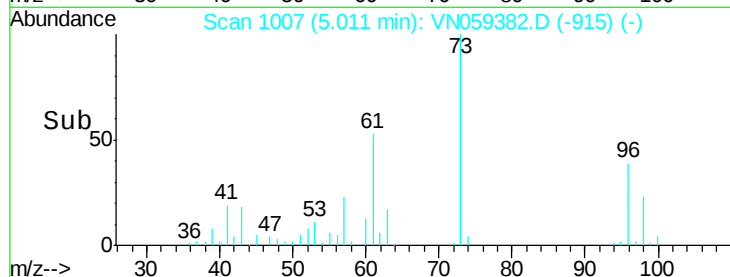
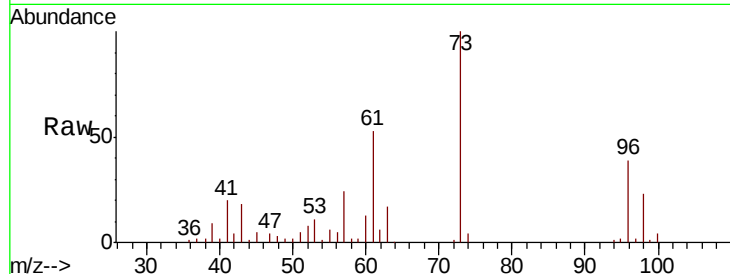
#19
Methvl tert-butvl Ether
Concen: 13.653 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion: 73 Resp: 183886
Ion Ratio Lower Upper
73 100
57 23.8 18.4 27.6

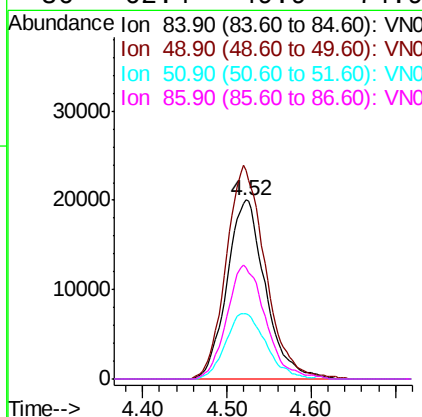
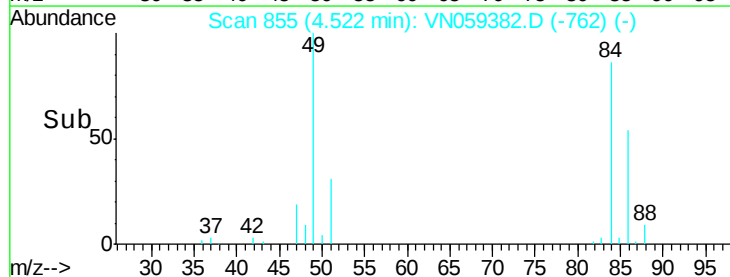
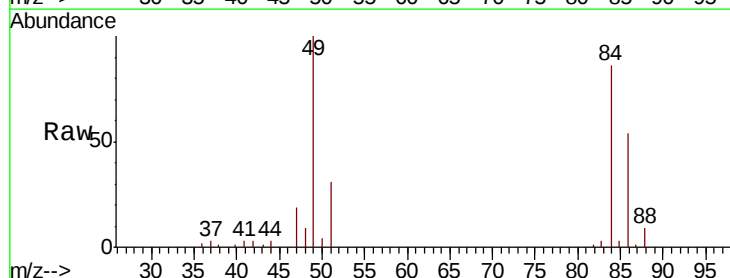
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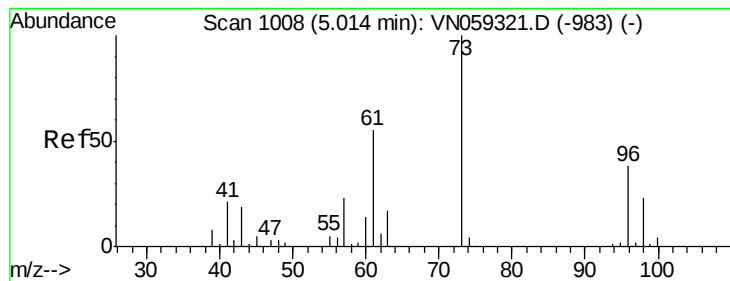
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#20
Methylene Chloride
Concen: 13.567 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion: 84 Resp: 63605
Ion Ratio Lower Upper
84 100
49 116.6 99.5 149.3
51 36.7 31.1 46.7
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 13.750 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 96 Resp: 60770

Ion Ratio Lower Upper

96 100

61 135.4 116.4 174.6

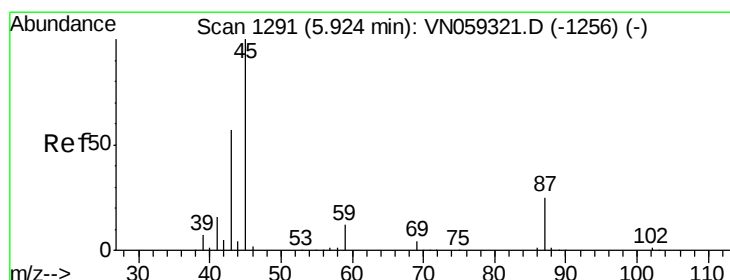
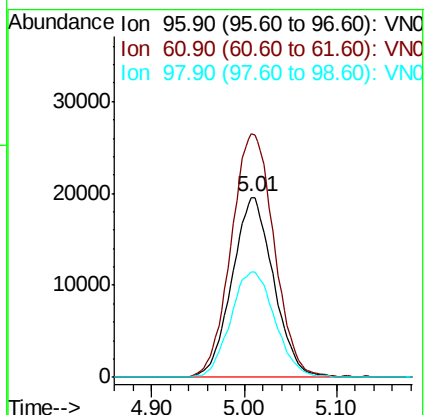
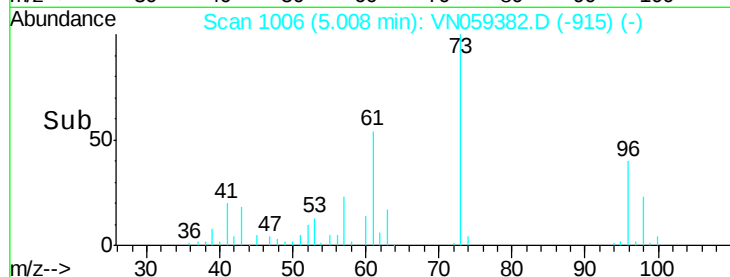
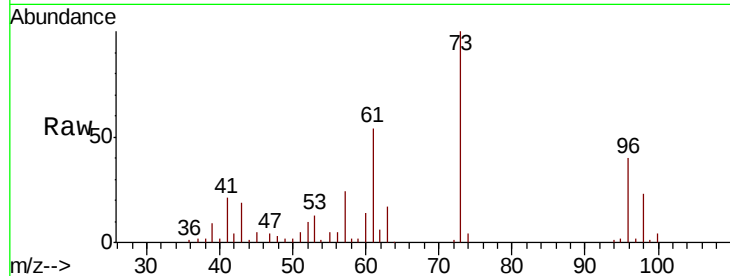
98 58.5 49.6 74.4

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#22

Diisopropyl ether

Concen: 13.561 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion: 45 Resp: 198904

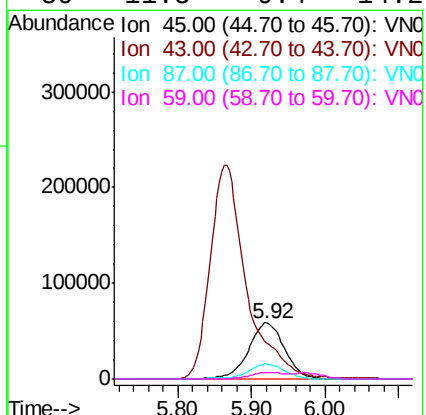
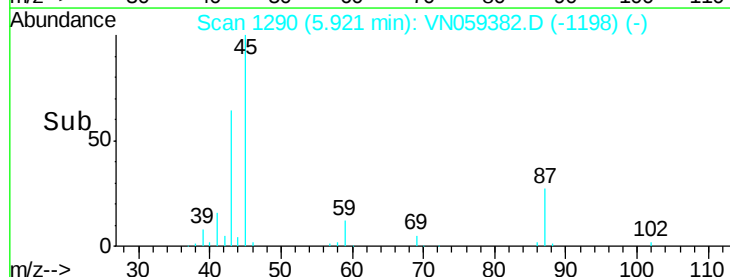
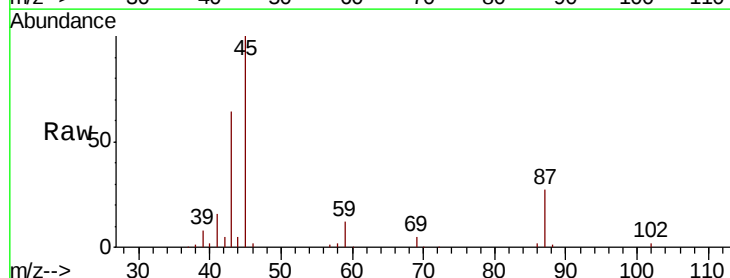
Ion Ratio Lower Upper

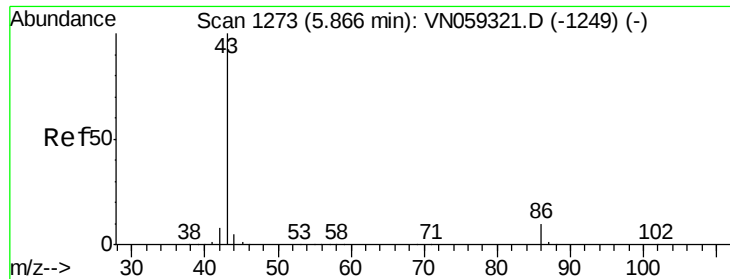
45 100

43 61.9 47.6 71.4

87 26.9 20.7 31.1

59 11.5 9.4 14.2





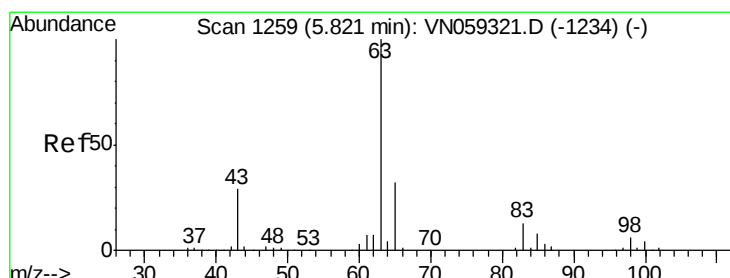
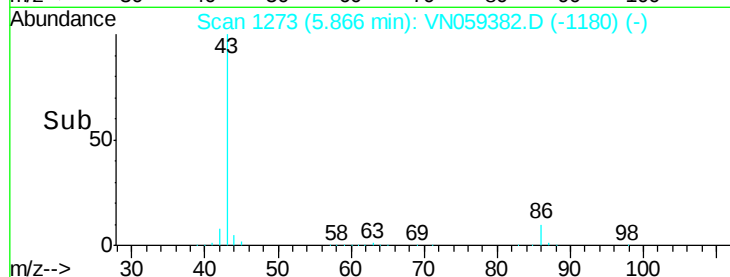
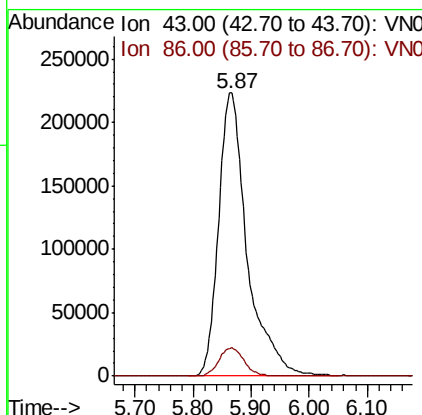
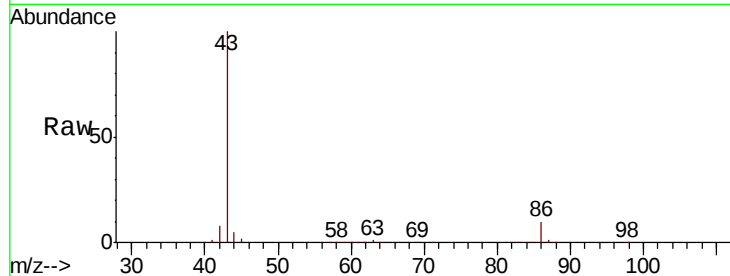
#23
 Vinyl Acetate
 Concen: 66.415 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	43	Resp	766052
Ion Ratio	100	Lower	Upper
43	100	8.0	12.0
86	10.0		

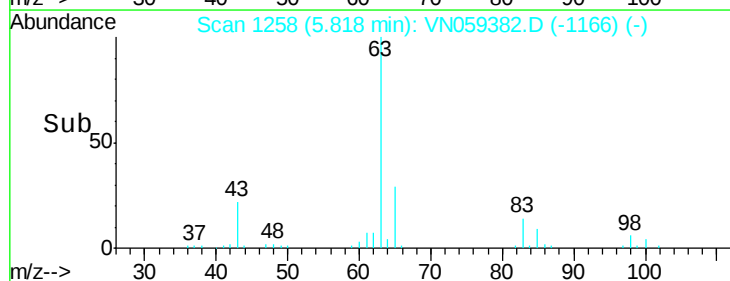
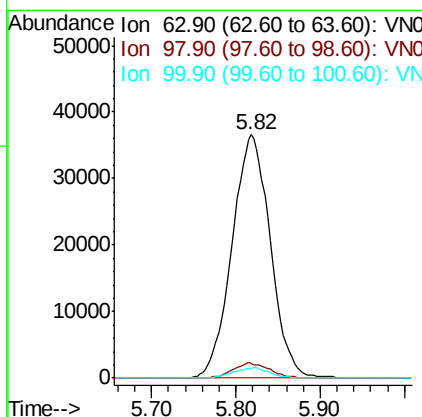
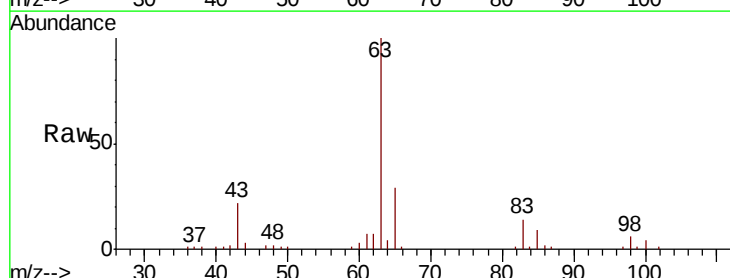
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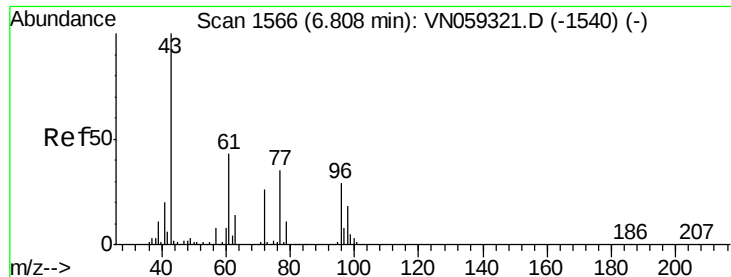
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#24
 1,1-Dichloroethane
 Concen: 13.957 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	63	Resp	115232
Ion Ratio	100	Lower	Upper
63	100	2.9	8.8
98	6.2	1.9	5.7
100	4.1		





#25

2-Butanone

Concen: 66.645 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 43 Resp: 215417

Ion Ratio Lower Upper

43 100

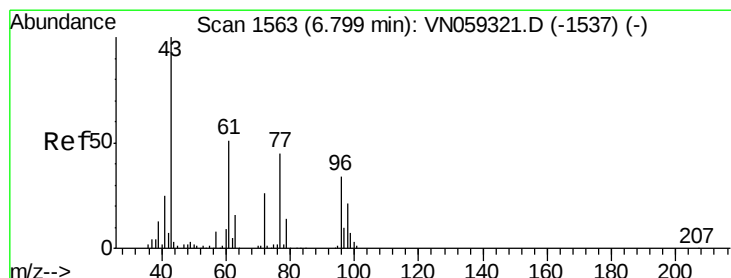
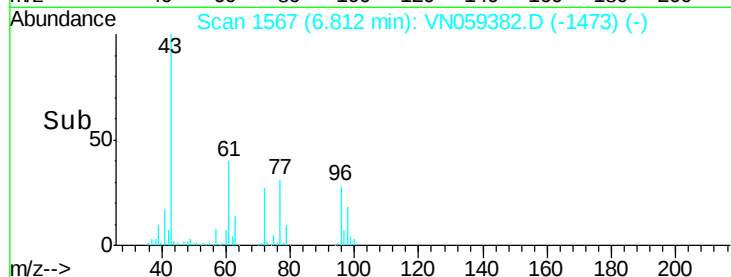
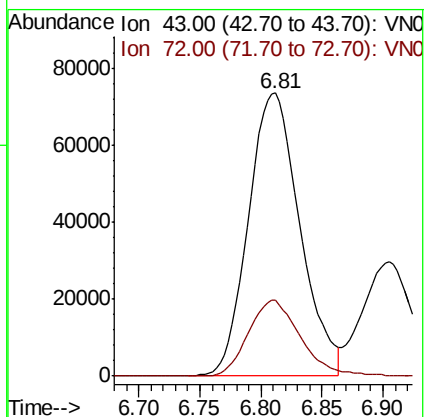
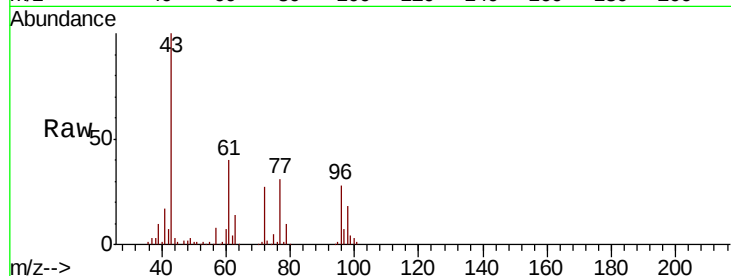
72 26.8 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 13.611 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059382.D

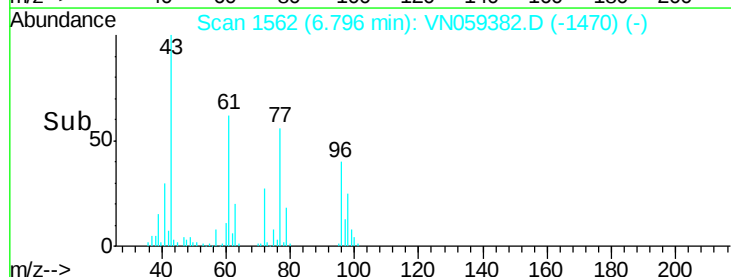
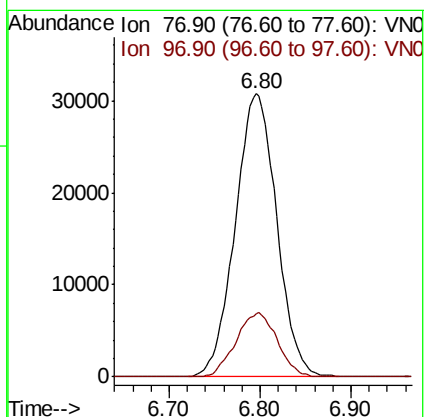
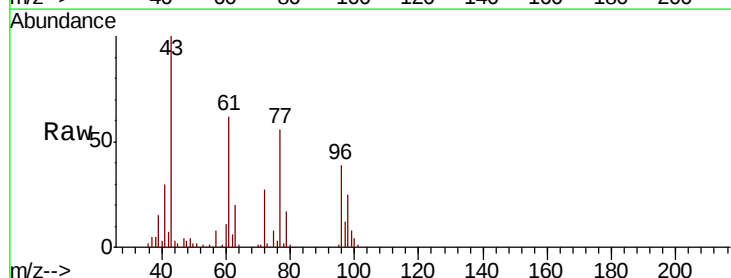
Acq: 25 Nov 2019 15:00

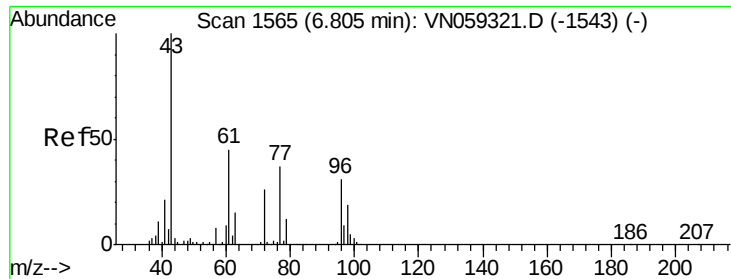
Tgt Ion: 77 Resp: 97306

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





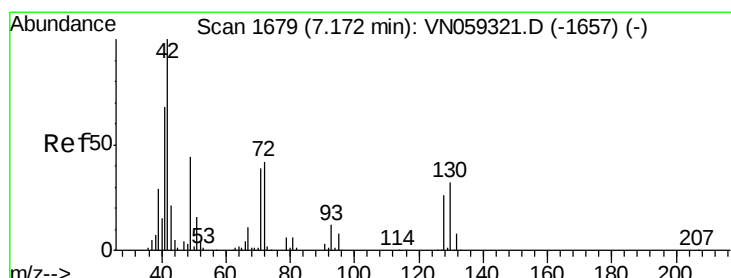
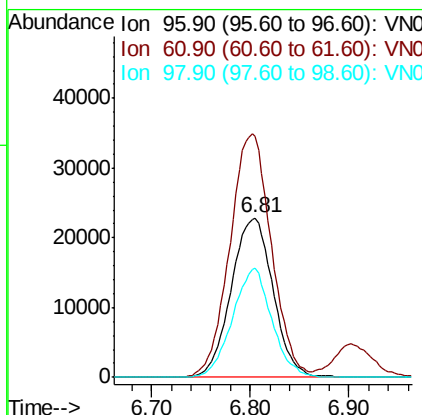
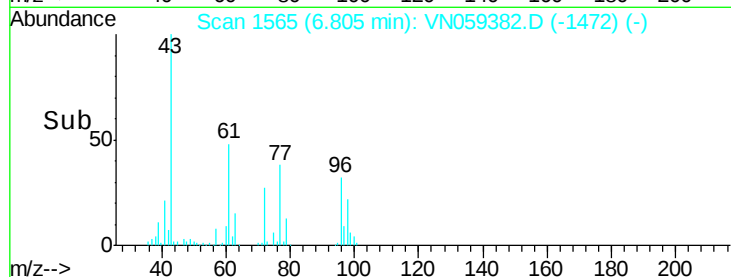
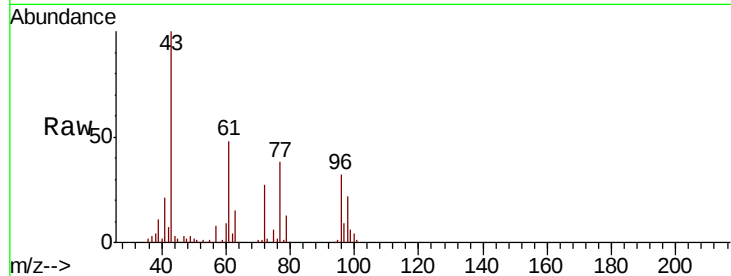
#27
 cis-1,2-Dichloroethene
 Concen: 13.477 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	304.0
98	64.1	0.0	128.4

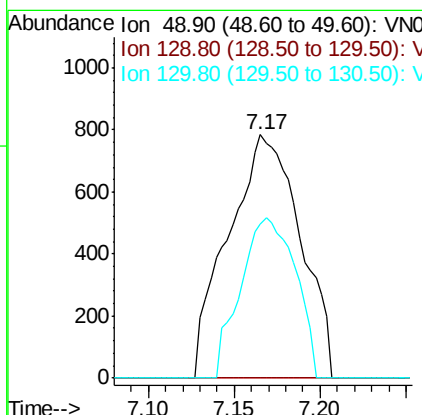
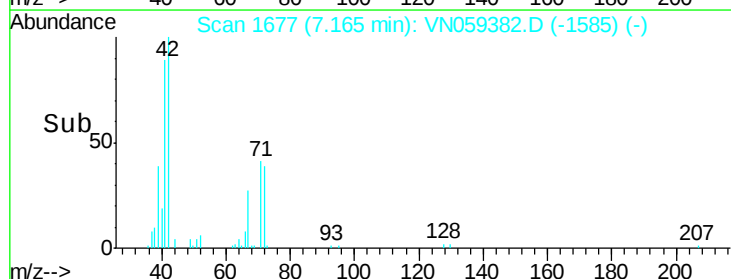
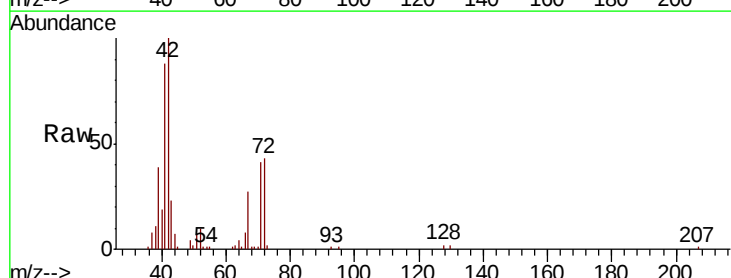
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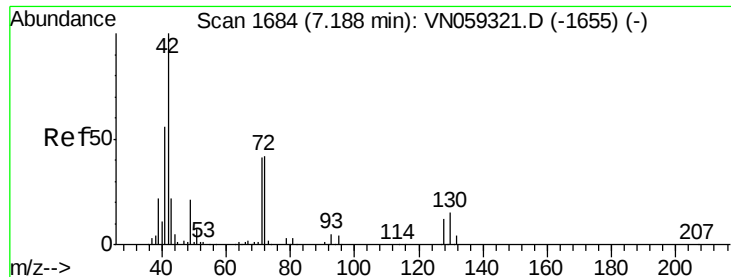
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#28
 Bromochloromethane
 Concen: 2.999 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	50.1	57.0	85.6#





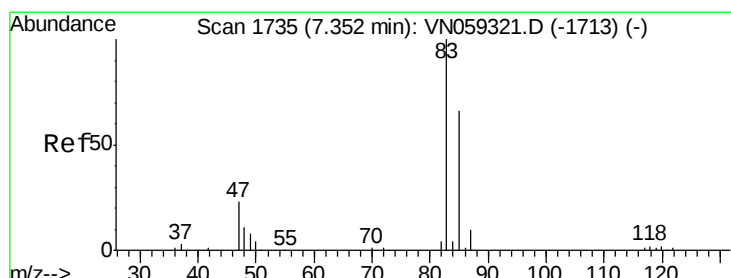
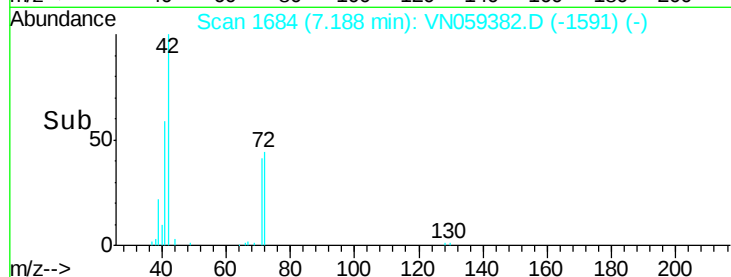
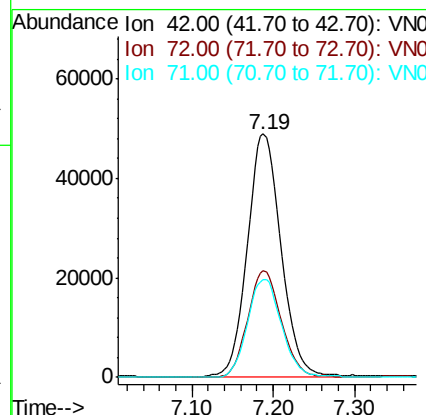
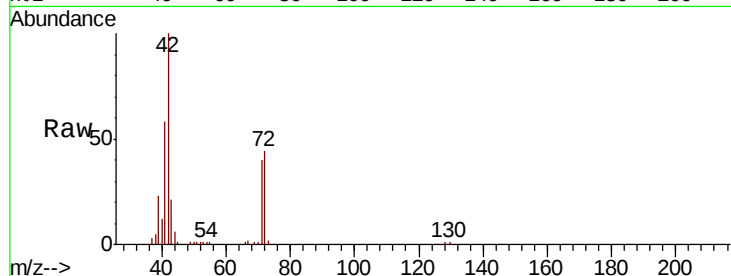
#29
Tetrahydrofuran
Concen: 62.729 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.4	32.6	48.8

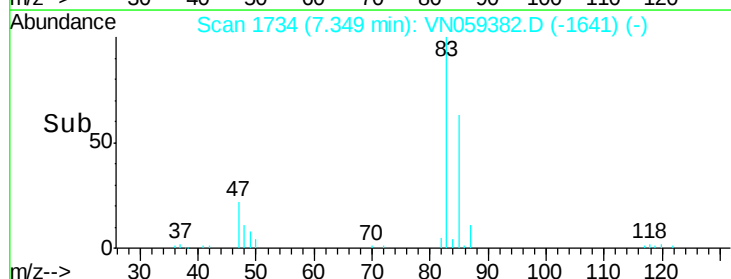
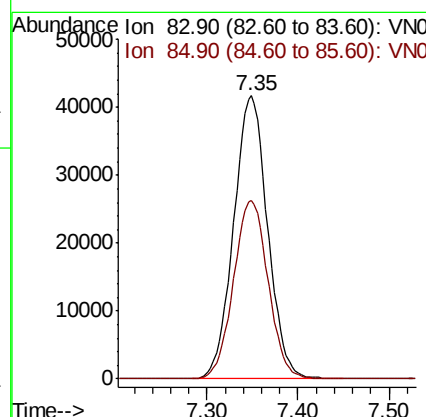
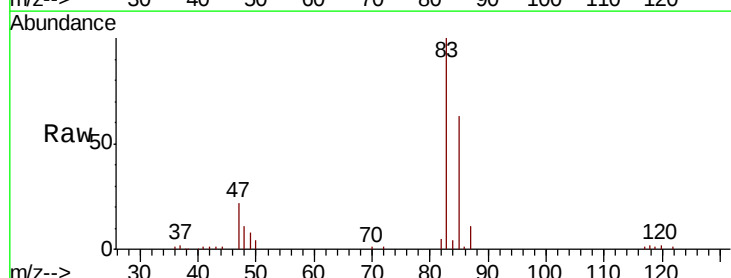
Manual Integrations
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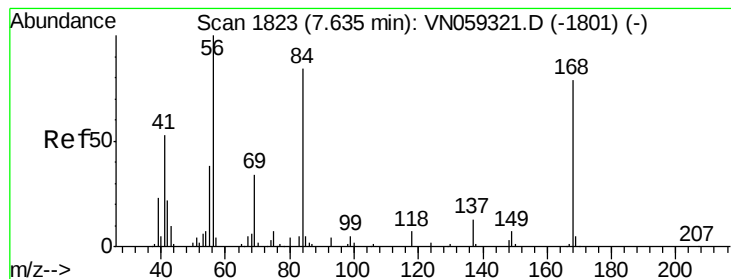
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#30
Chloroform
Concen: 13.402 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.7	79.1





#31

Cyclohexane

Concen: 13.179 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

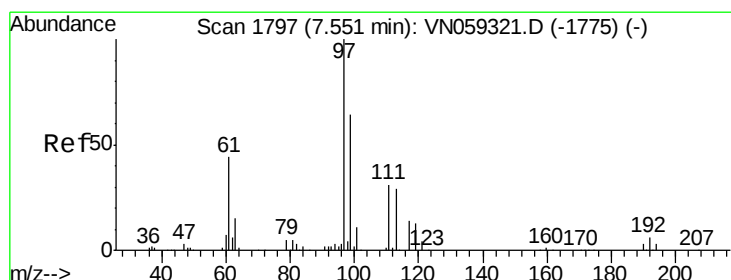
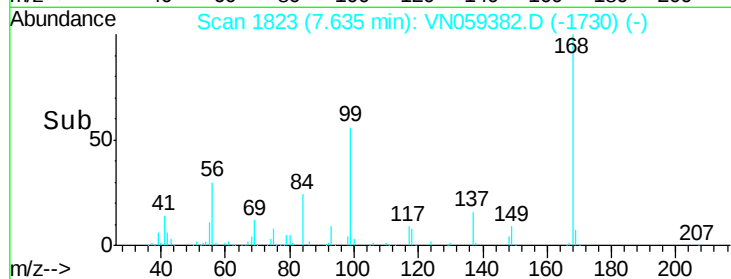
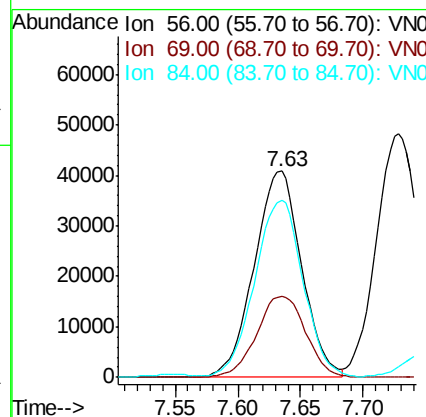
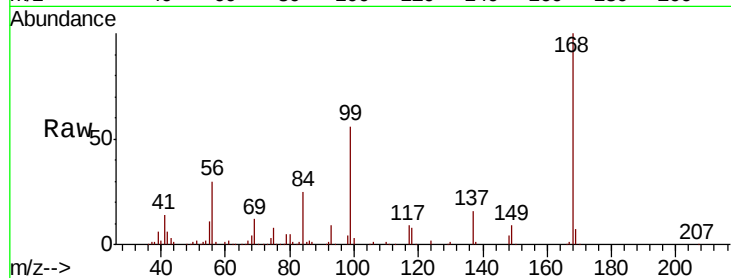
ClientSampleId :

VN1125WBS01

Tot Ion:	56	Resp:	107581
Ion Ratio	Lower	Upper	
56	100		
69	39.2	26.6	40.0
84	85.2	67.0	100.4

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#32

1,1,1-Trichloroethane

Concen: 13.246 ug/l

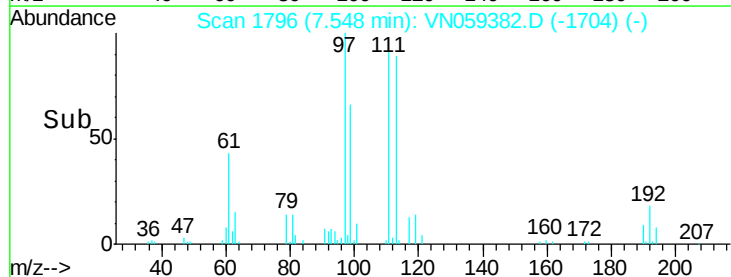
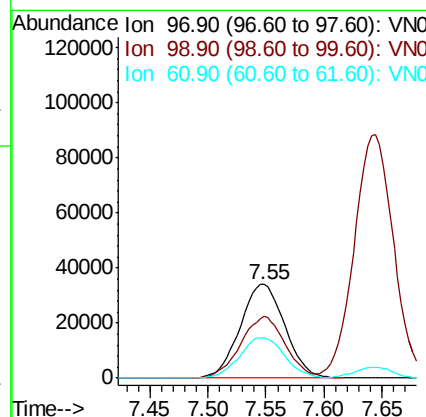
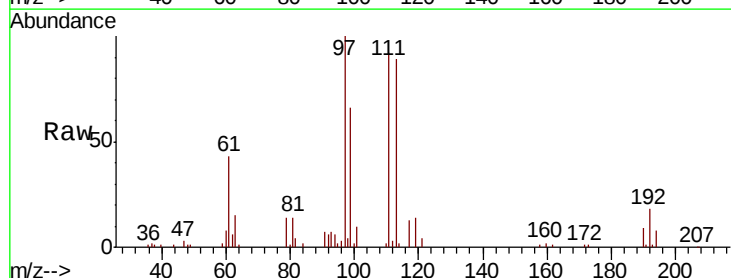
RT: 7.55 min Scan# 1796

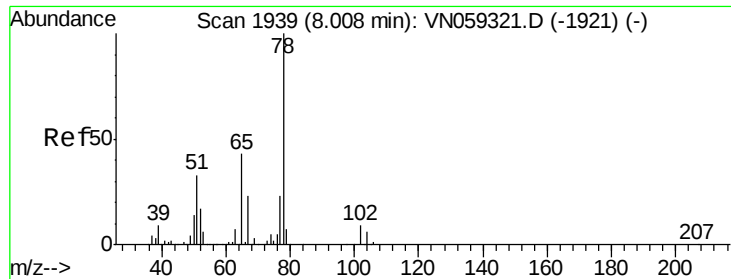
Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	97	Resp:	91178
Ion Ratio	Lower	Upper	
97	100		
99	65.4	51.3	76.9
61	44.0	35.3	52.9





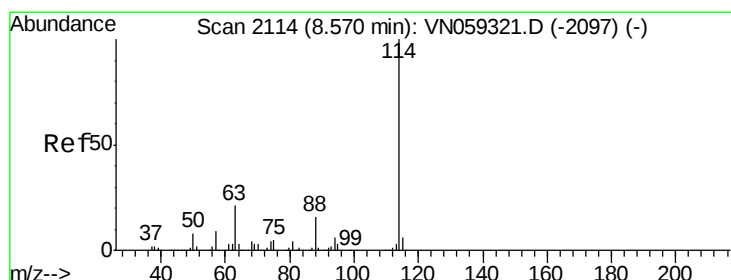
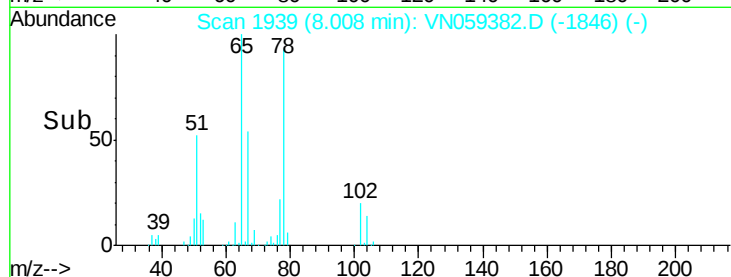
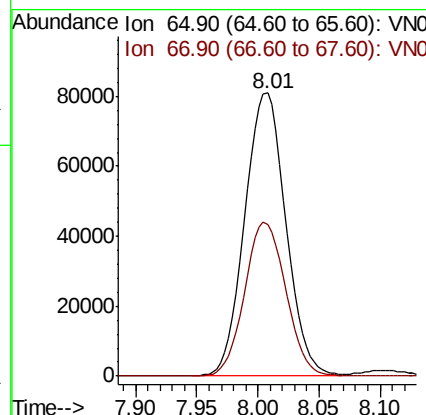
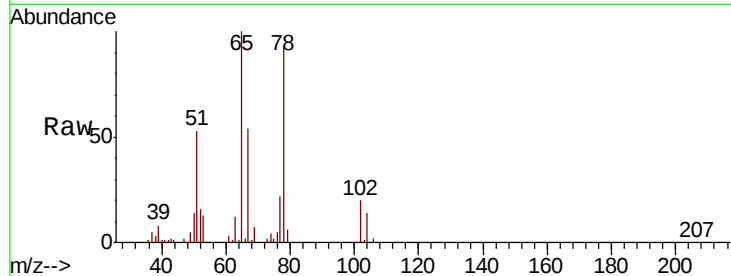
#33
 1,2-Dichloroethane-d4
 Concen: 40.745 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188892		
67	54.5	0.0	109.4	

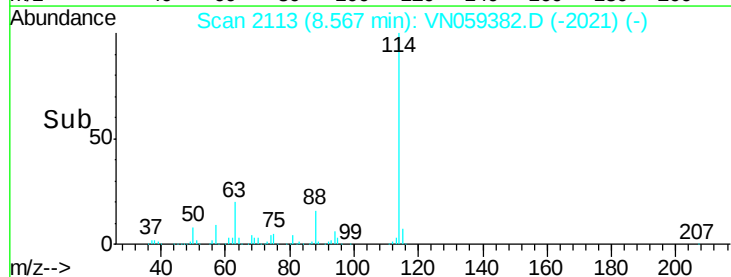
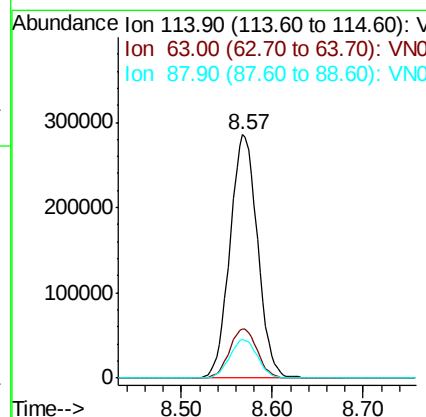
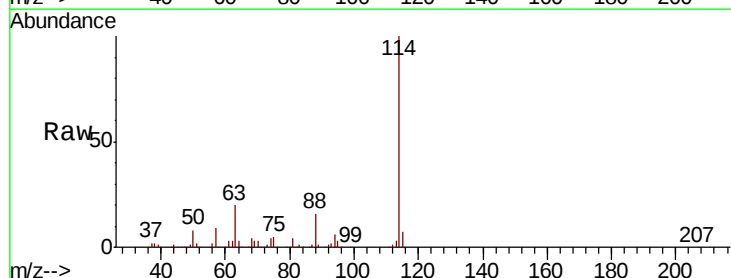
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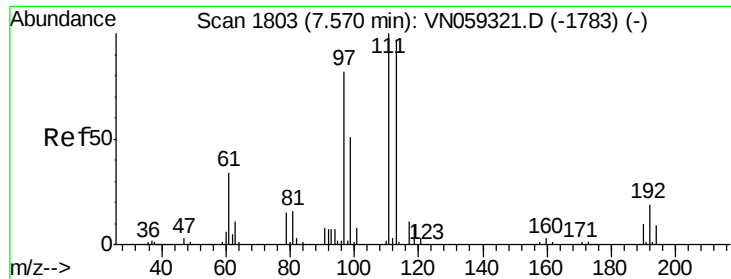
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	601168		
63	20.4	0.0	42.2	
88	15.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 42.512 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

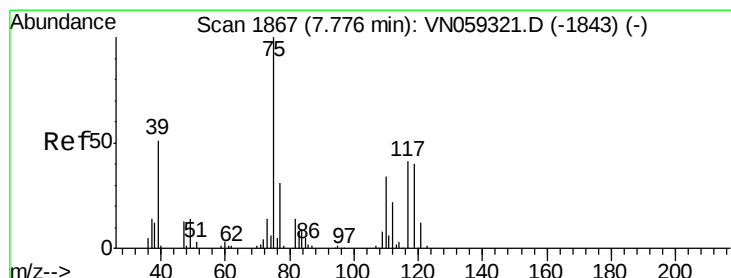
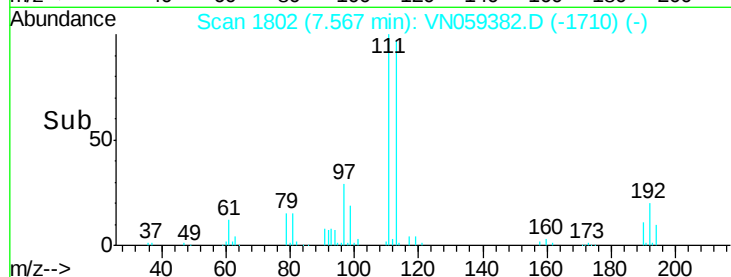
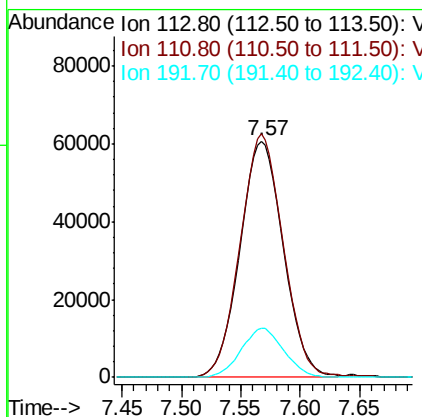
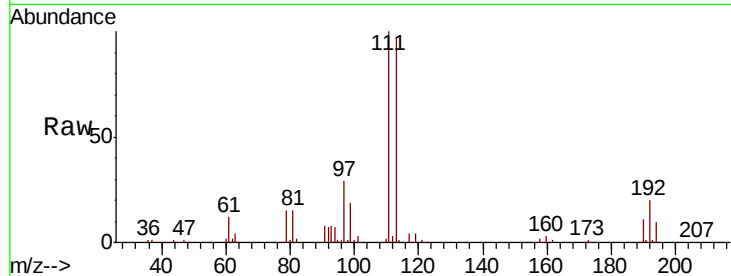
ClientSampleId :

VN1125WBS01

Tot Ion:	113	Resp:	153326
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.7	124.1
192	20.5	16.3	24.5

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#36

1,1-Dichloropropene

Concen: 13.565 ug/l

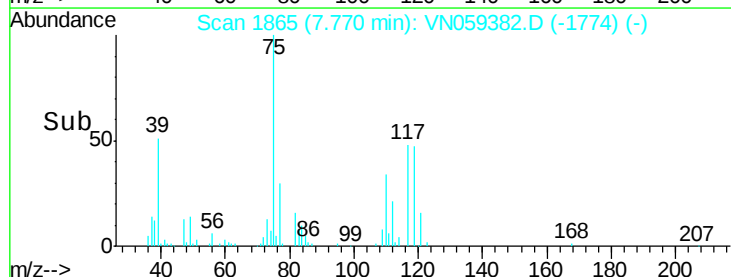
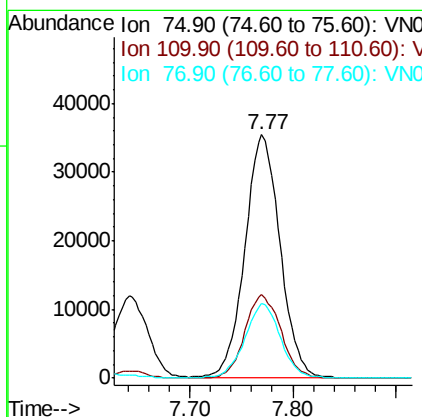
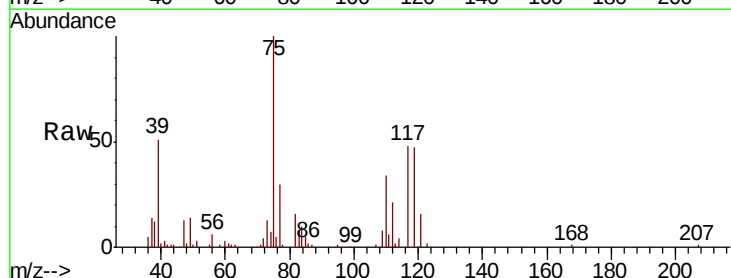
RT: 7.77 min Scan# 1865

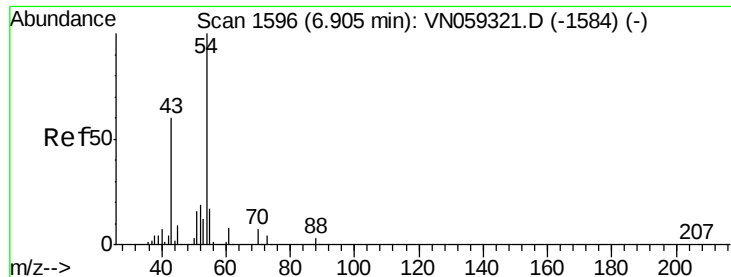
Delta R.T. -0.01 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	75	Resp:	84186
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.0	51.0
77	31.0	24.8	37.2





#37

Ethyl Acetate

Concen: 12.870 ug/l

RT: 6.90 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

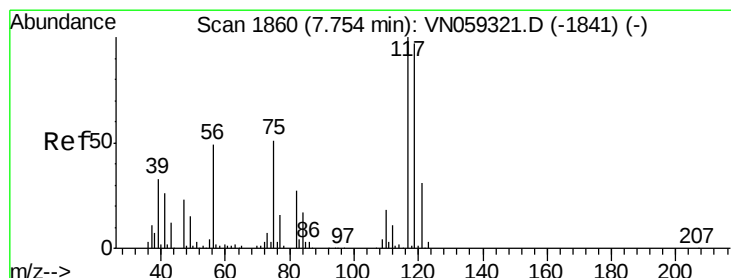
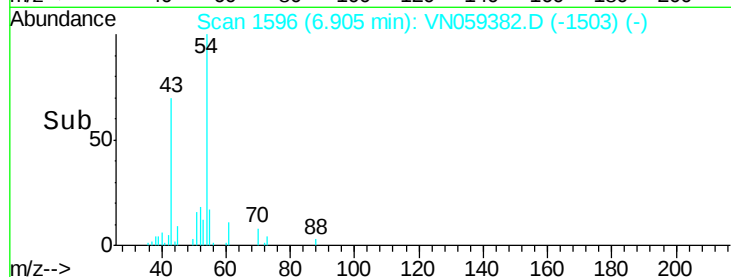
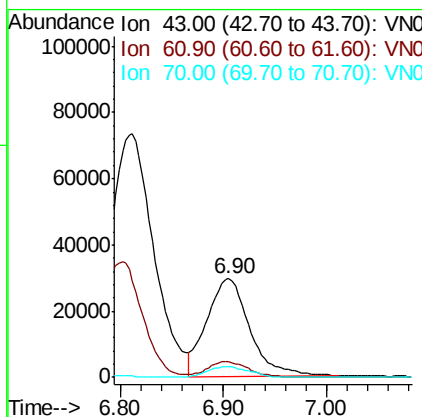
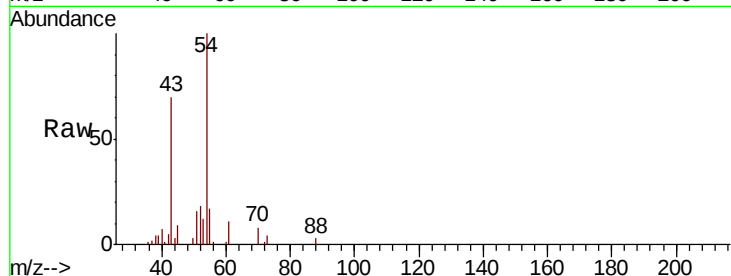
ClientSampleId :

VN1125WBS01

Tot Ion:	43	Resp:	85845
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.0	16.6
70	10.7	8.8	13.2

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#38

Carbon Tetrachloride

Concen: 13.584 ug/l

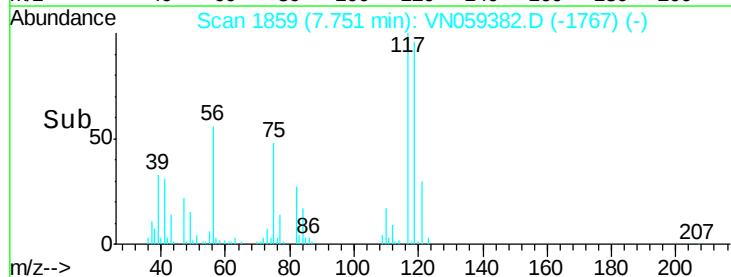
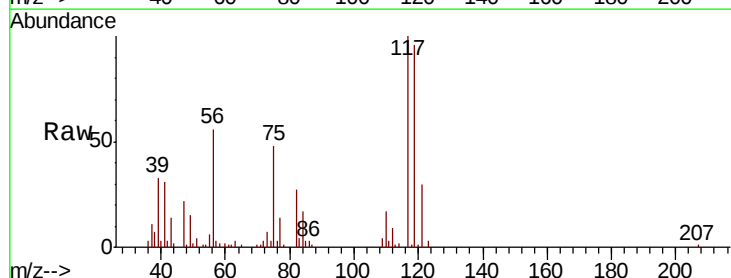
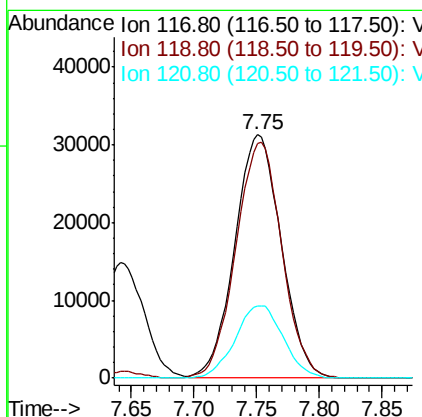
RT: 7.75 min Scan# 1859

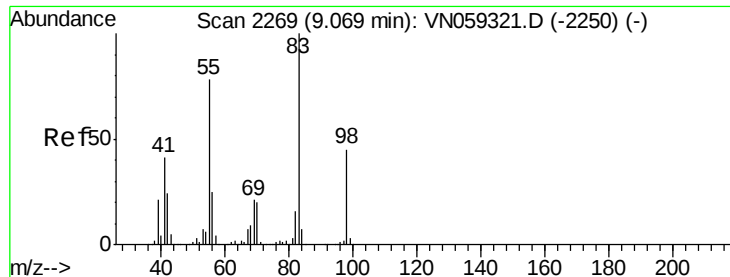
Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	117	Resp:	80705
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
121	29.5	24.4	36.6





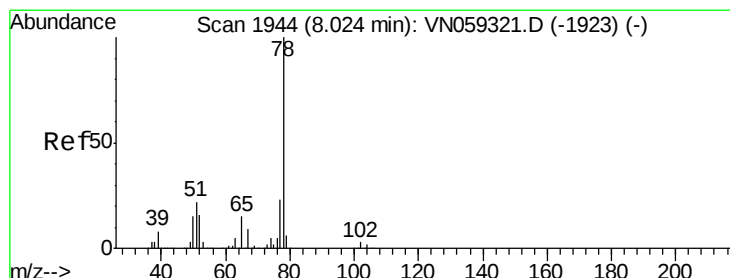
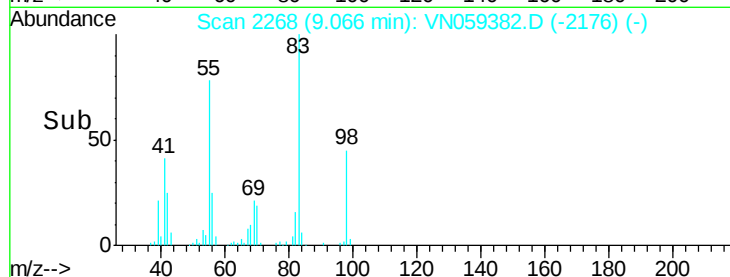
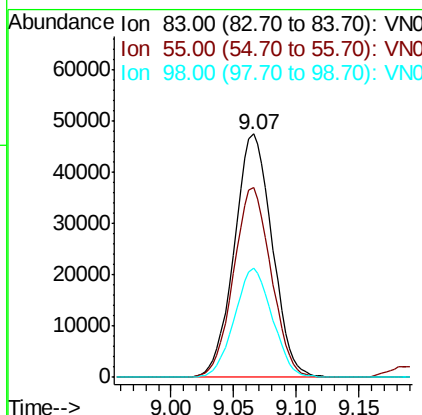
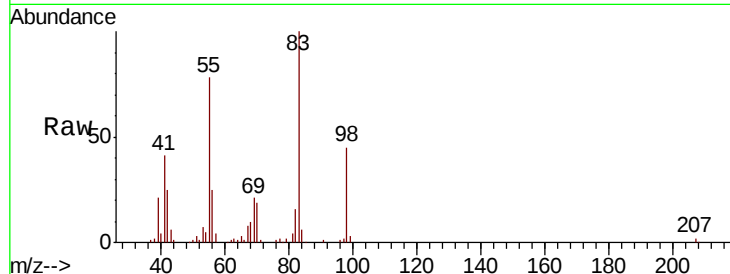
#39
Methvlcvclohexane
Concen: 13.306 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.3	93.5
98	44.6	36.0	54.0

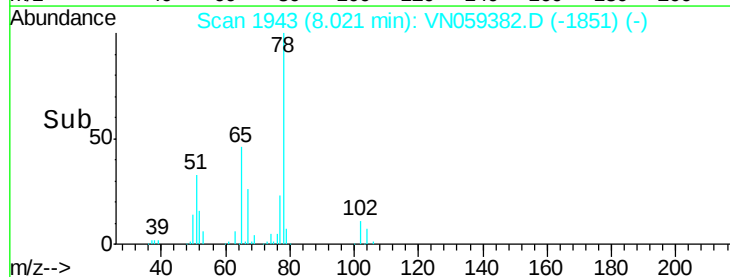
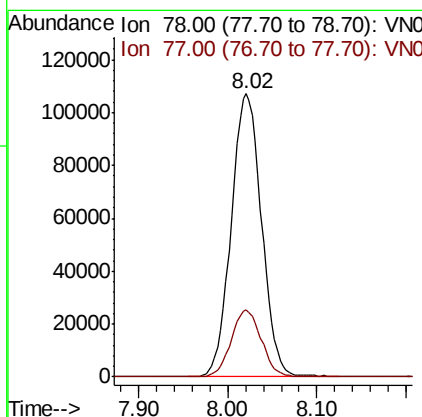
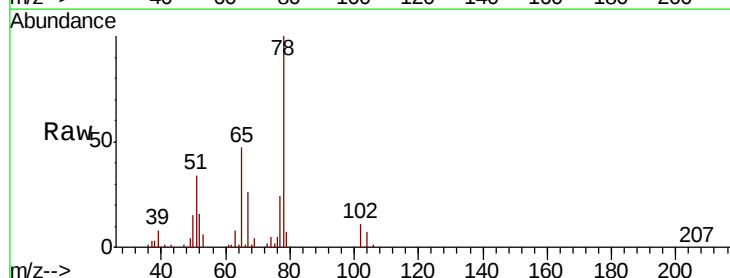
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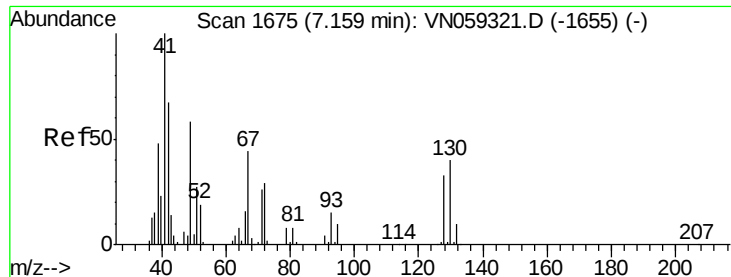
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#40
Benzene
Concen: 13.863 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6





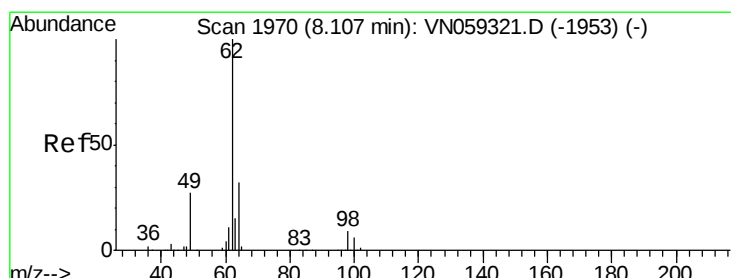
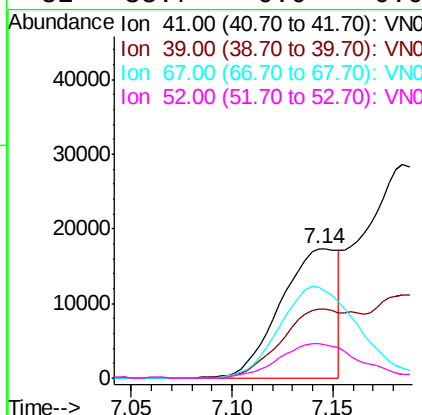
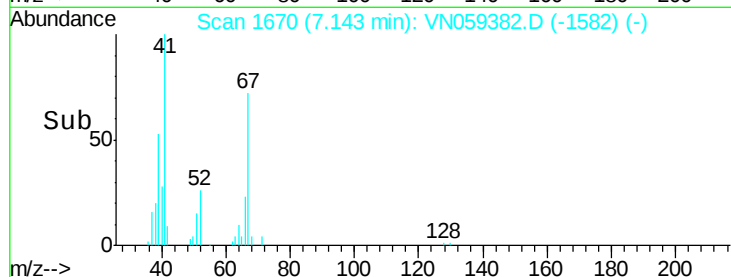
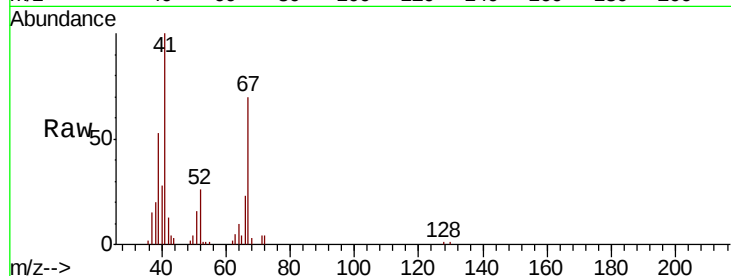
#41
Methacrylonitrile
Concen: 11.615 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.02 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.0	0.0	0.0#		
67	99.3	0.0	0.0#		
52	38.7	0.0	0.0#		

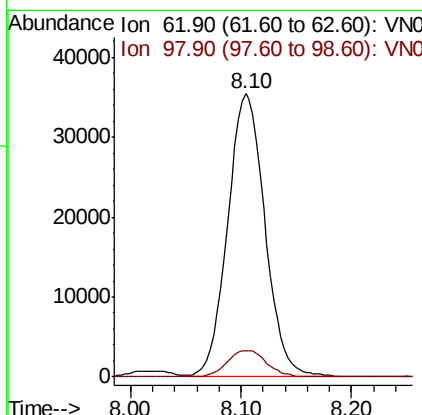
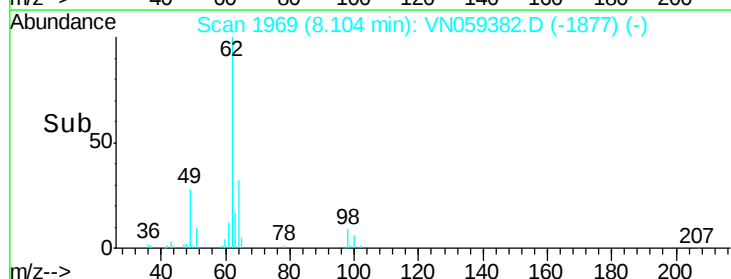
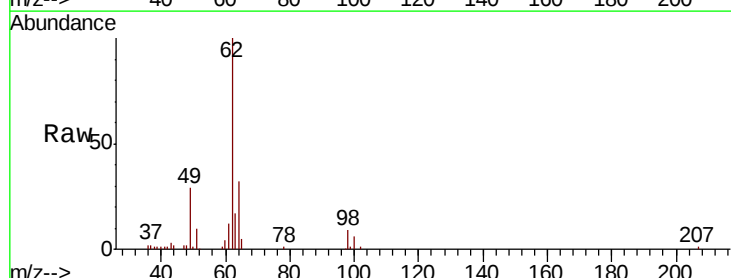
Manual Integrations
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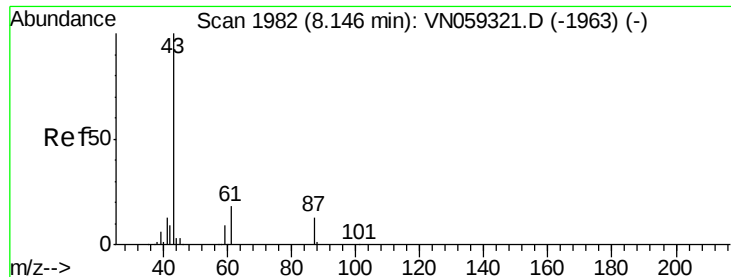
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#42
1,2-Dichloroethane
Concen: 13.804 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	18.6		





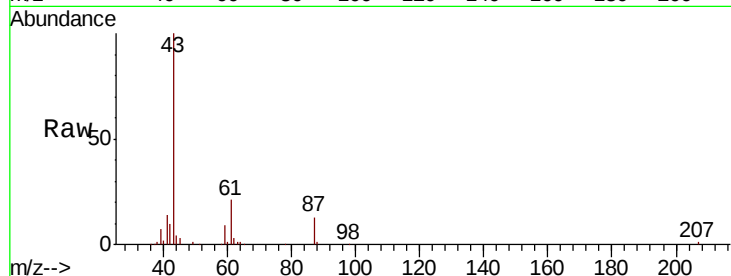
#43
Isopropyl Acetate
Concen: 12.998 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

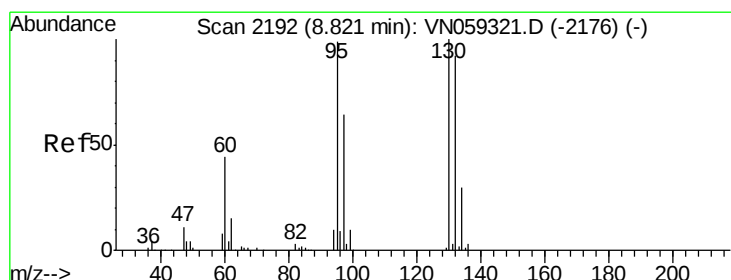
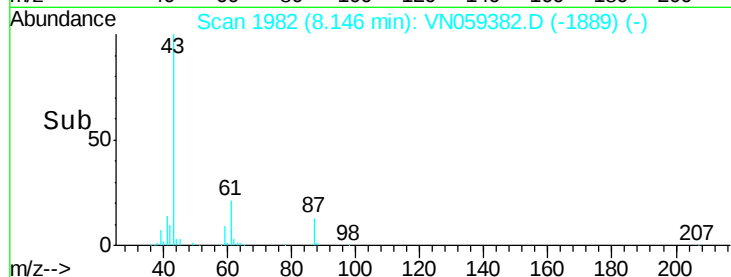
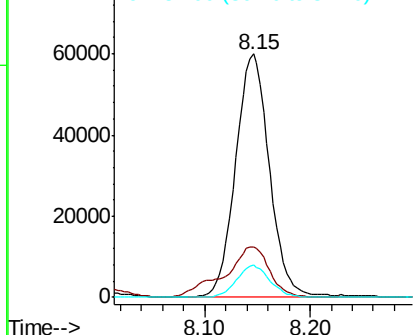
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.7	32.5
87	12.9	10.2	15.4

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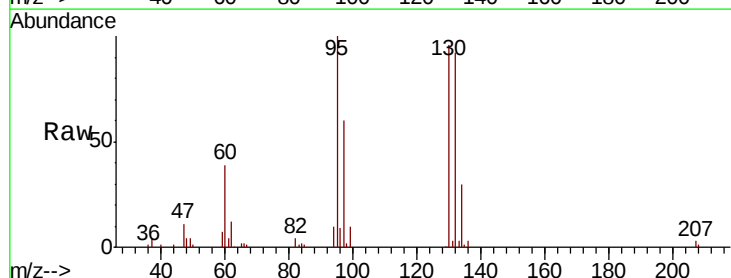


Abundance Ion 43.00 (42.70 to 43.70): VN059382.D (-1889) (-)
Ion 61.00 (60.70 to 61.70): VN059382.D (-1889) (-)
Ion 87.00 (86.70 to 87.70): VN059382.D (-1889) (-)

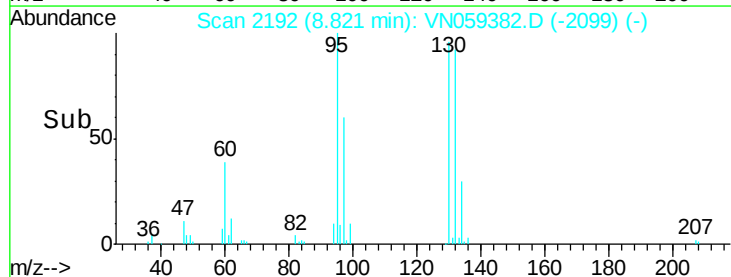
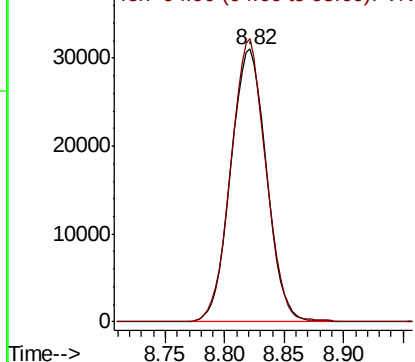


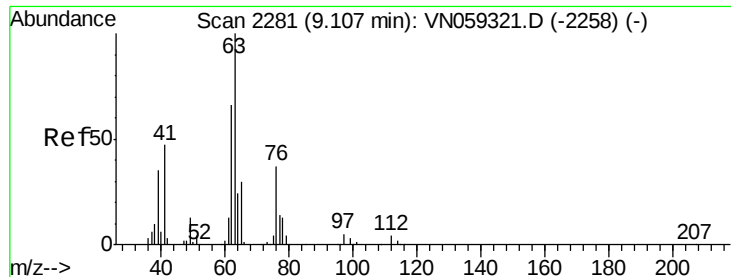
#44
Trichloroethene
Concen: 14.008 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059382.D (-2099) (-)
Ion 94.90 (94.60 to 95.60): VN059382.D (-2099) (-)





#45

1,2-Dichloropropane

Concen: 13.929 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 63 Resp: 67657

Ion Ratio Lower Upper

63 100

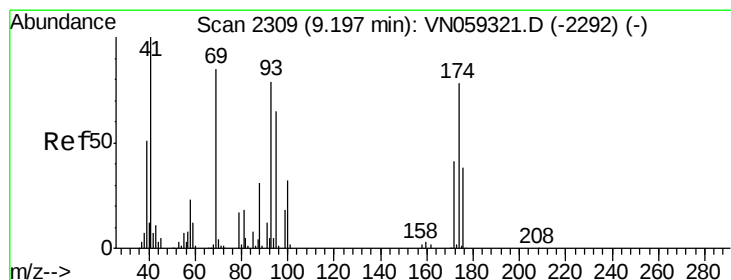
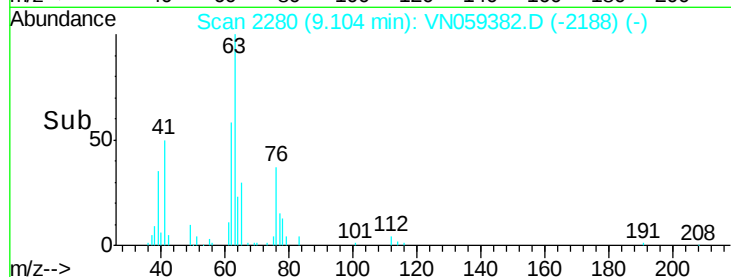
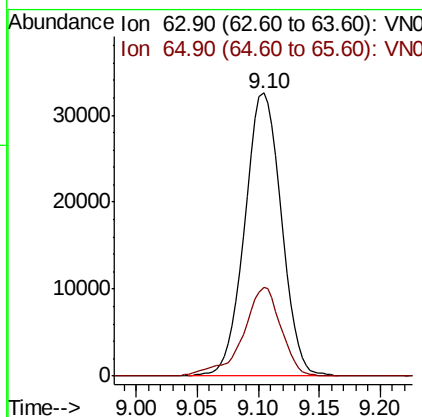
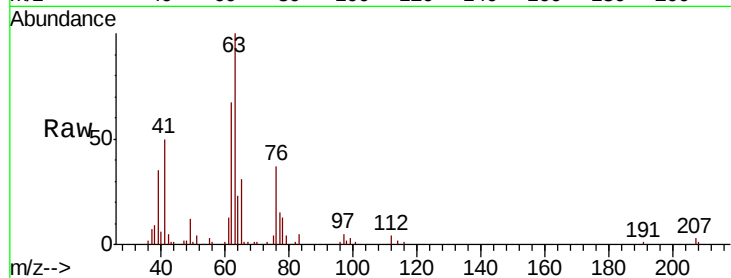
65 31.4 23.9 35.9

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#46

Dibromomethane

Concen: 13.709 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

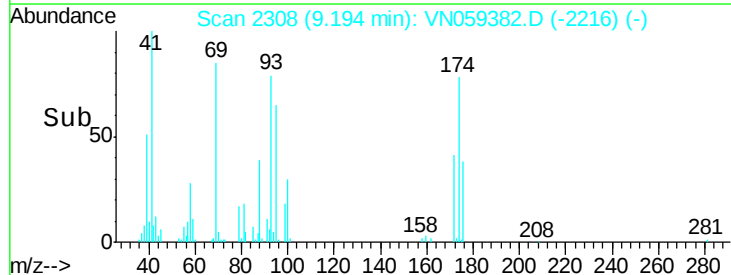
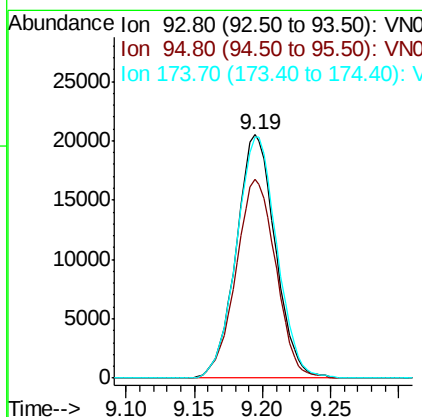
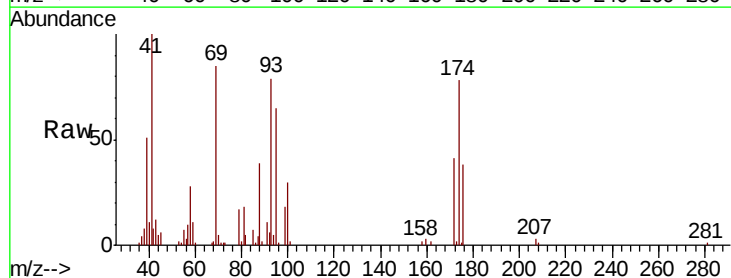
Tgt Ion: 93 Resp: 40842

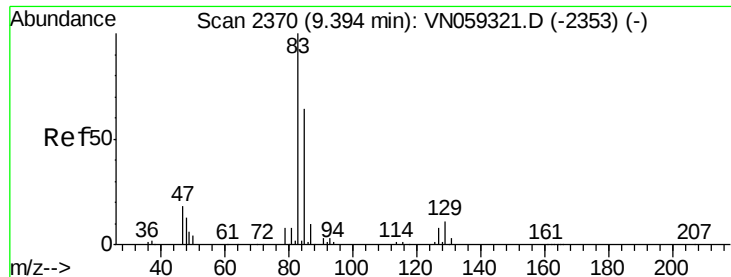
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 102.4 80.6 120.8





#47

Bromodichloromethane

Concen: 13.735 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

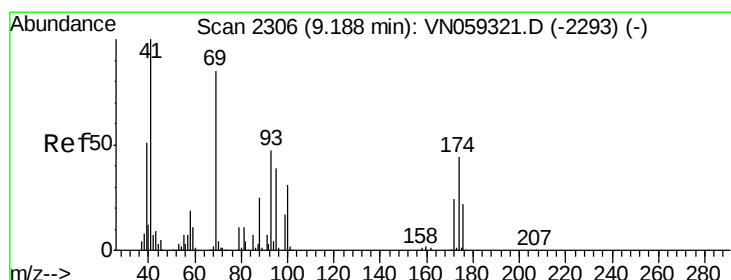
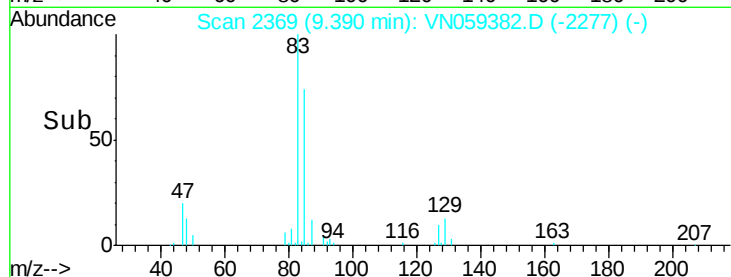
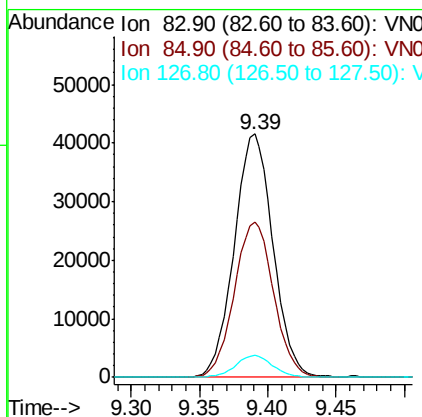
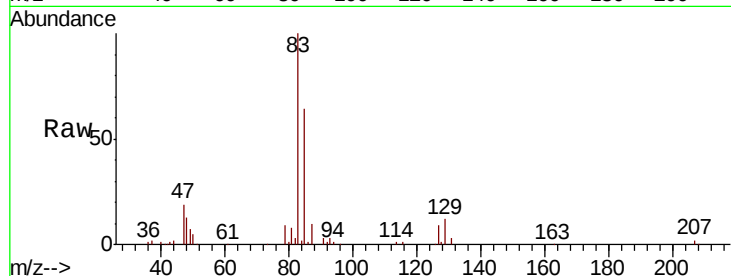
ClientSampleId :

VN1125WBS01

Tot Ion:	83	Resp:	81951
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	9.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 12.663 ug/l

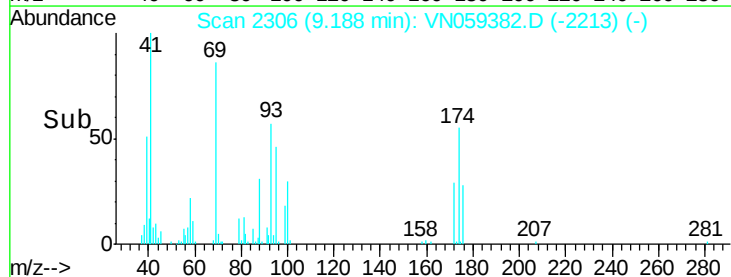
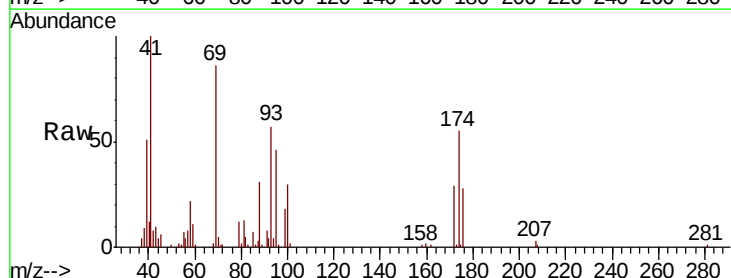
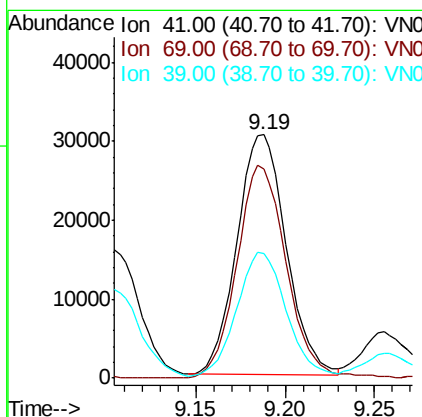
RT: 9.19 min Scan# 2306

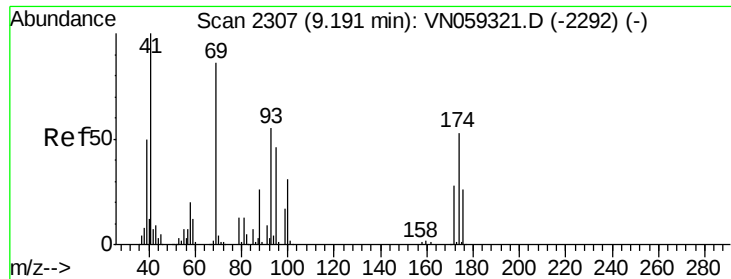
Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	41	Resp:	58697
Ion	Ratio	Lower	Upper
41	100		
69	89.4	68.8	103.2
39	53.2	42.1	63.1





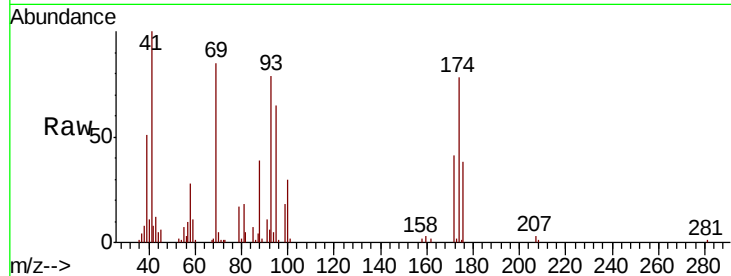
#49
1,4-Dioxane
Concen: 311.896 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	88	Resp	21729
Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.9	40.3
58	72.3	59.2	88.8

Manual Integrations
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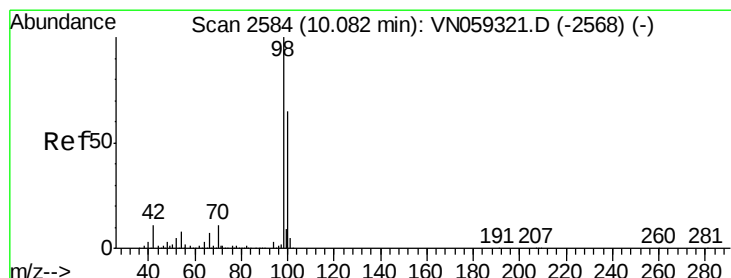
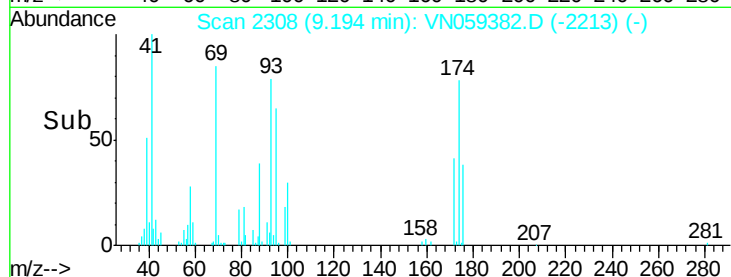
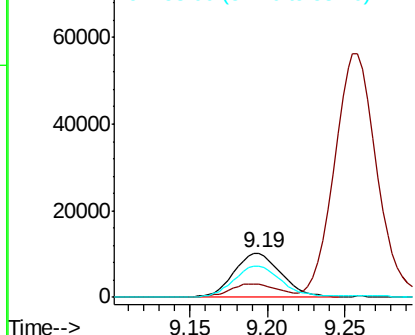


Abundance

Ion 88.00 (87.70 to 88.70): VN0

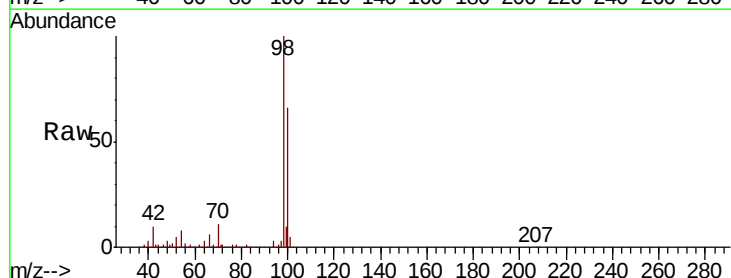
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 42.204 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

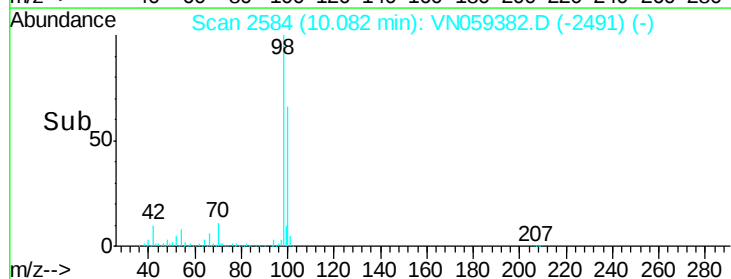
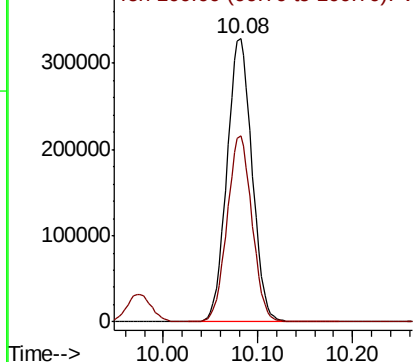
Tgt Ion	98	Resp	605121
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5

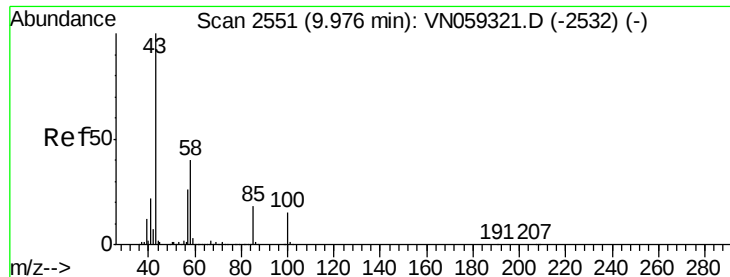


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 66.761 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 43 Resp: 398328

Ion Ratio Lower Upper

43 100

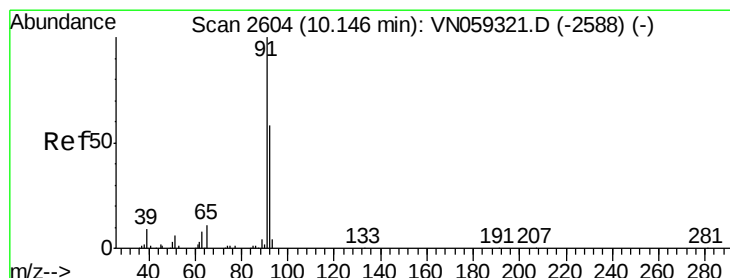
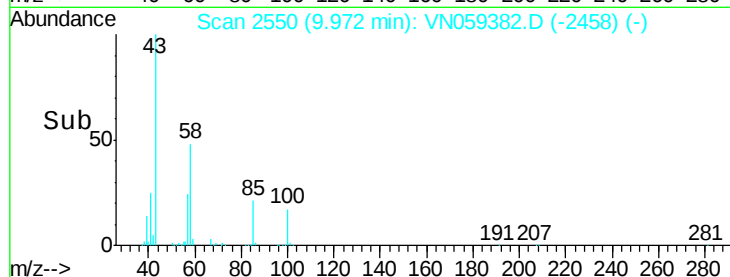
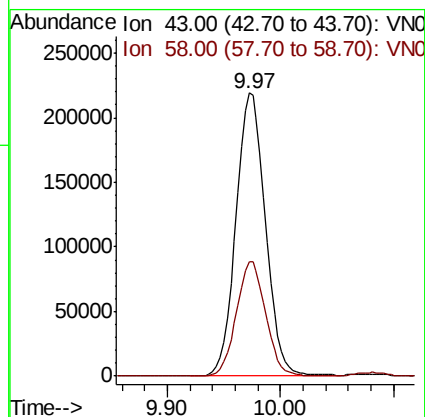
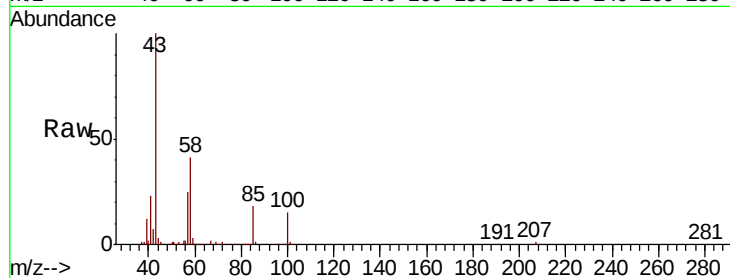
58 40.2 31.8 47.8

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#52

Toluene

Concen: 13.917 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059382.D

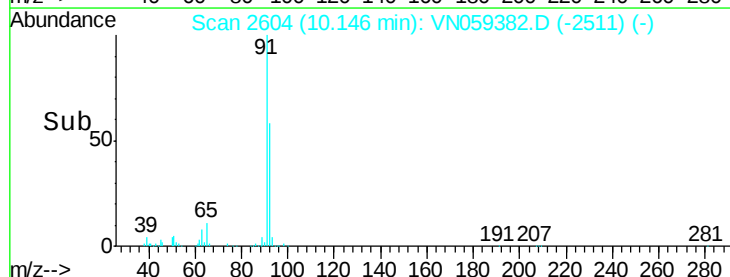
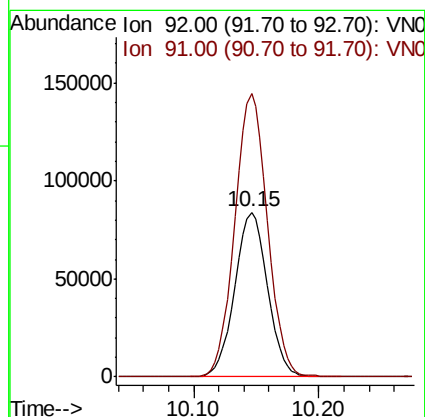
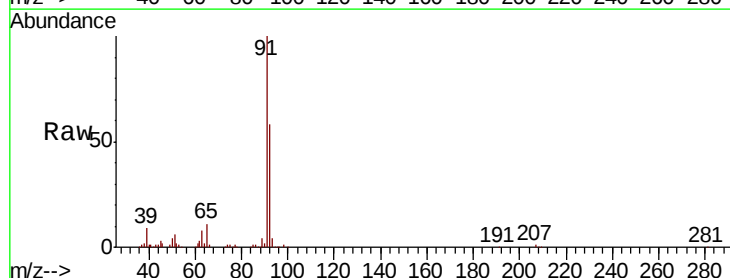
Acq: 25 Nov 2019 15:00

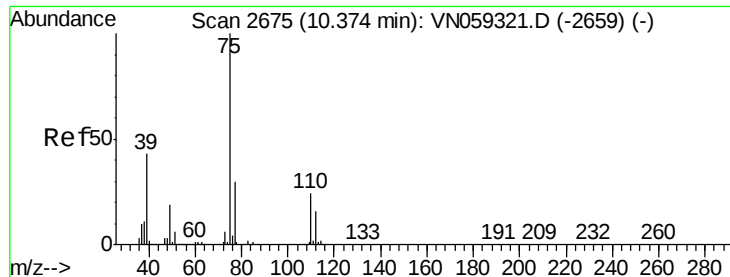
Tgt Ion: 92 Resp: 152430

Ion Ratio Lower Upper

92 100

91 171.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 13.619 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 75 Resp: 94464

Ion Ratio Lower Upper

75 100

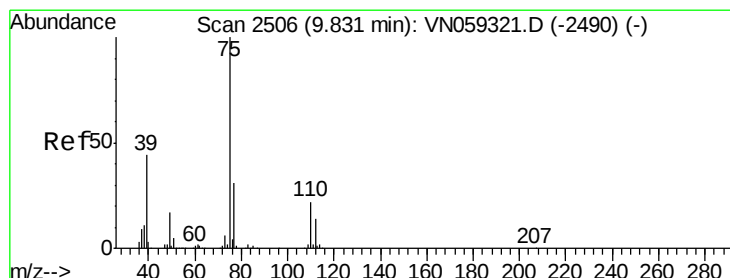
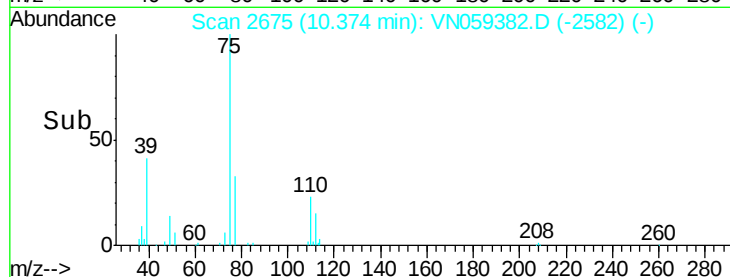
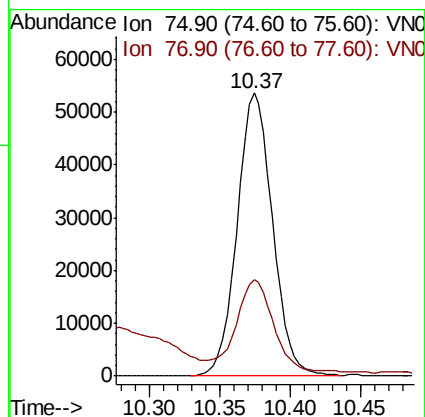
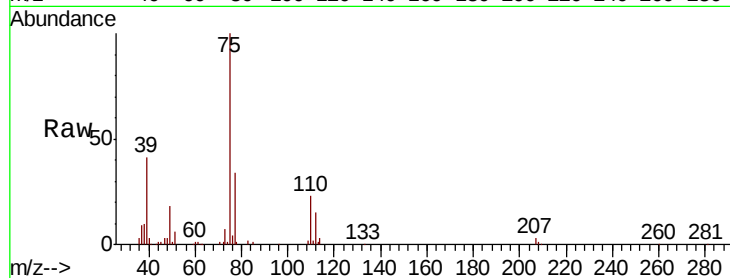
77 32.4 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 13.845 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

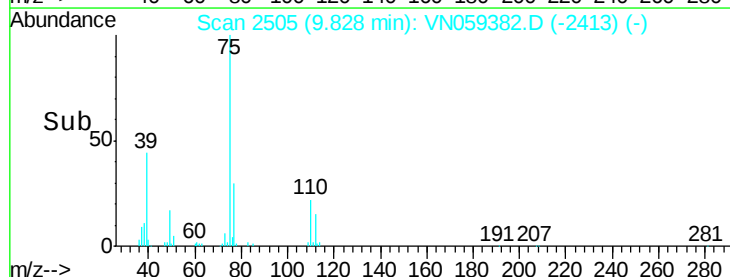
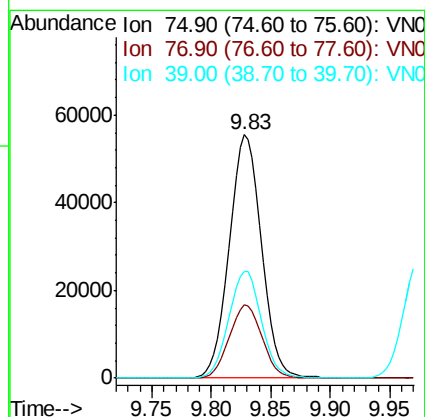
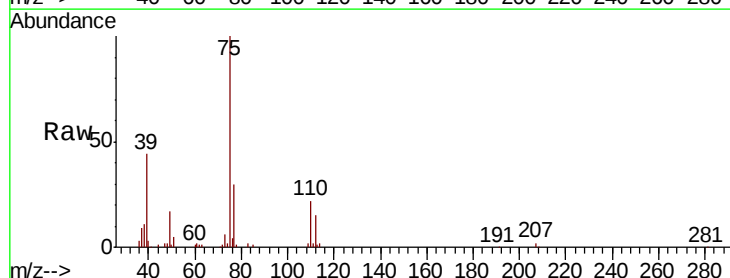
Tgt Ion: 75 Resp: 104203

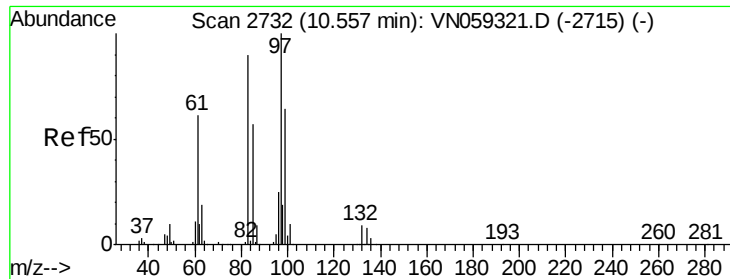
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4

39 43.9 35.5 53.3





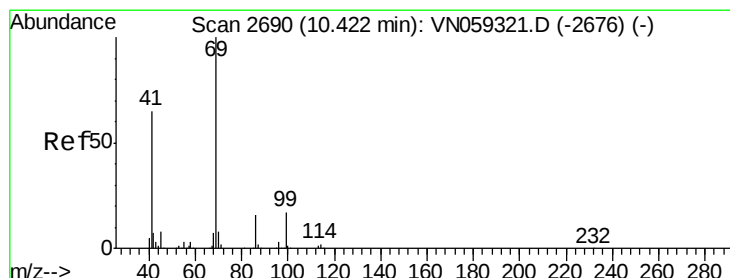
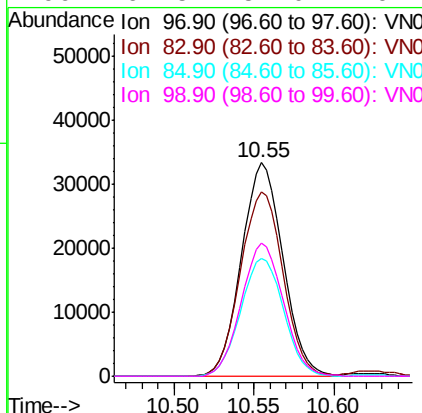
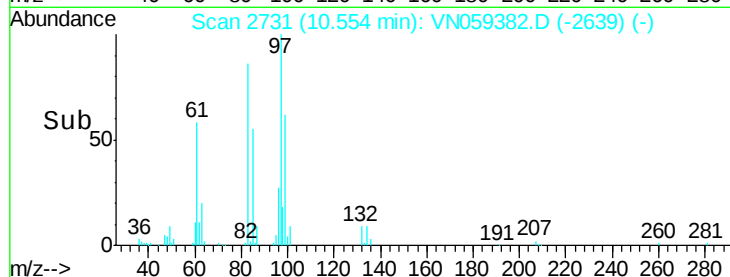
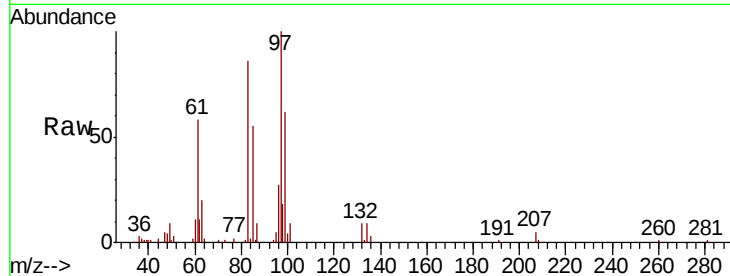
#55
 1,1,2-Trichloroethane
 Concen: 13.949 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.0	72.0	108.0	
85	55.4	45.8	68.6	
99	62.5	51.0	76.4	

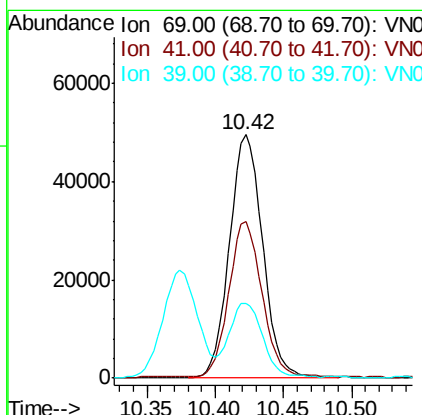
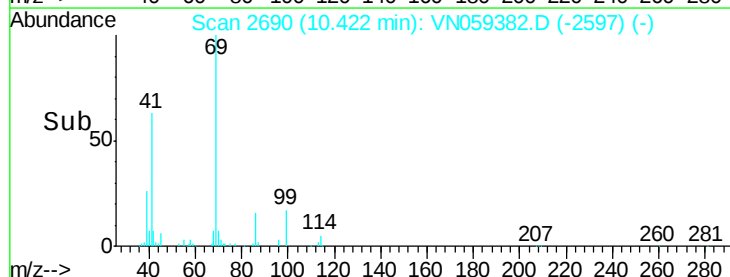
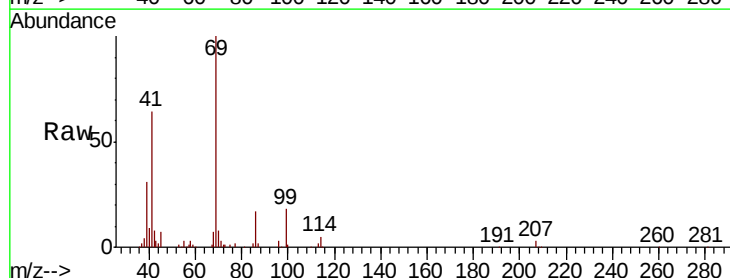
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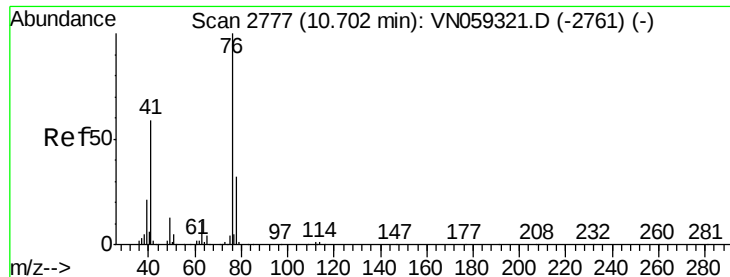
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#56
 Ethyl methacrylate
 Concen: 13.389 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	63.1	51.7	77.5	
39	30.9	25.2	37.8	





#57

1,3-Dichloropropane

Concen: 13.867 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 76 Resp: 102923

Ion Ratio Lower Upper

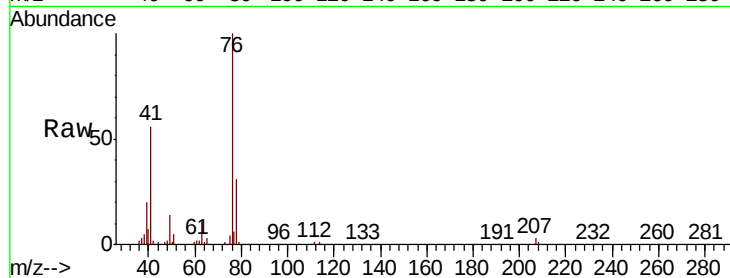
76 100

78 32.2 26.0 39.0

Manual Integrations
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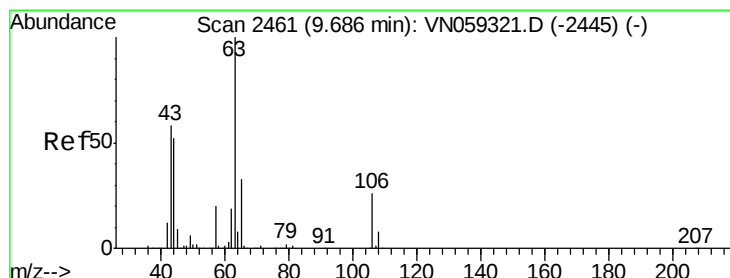
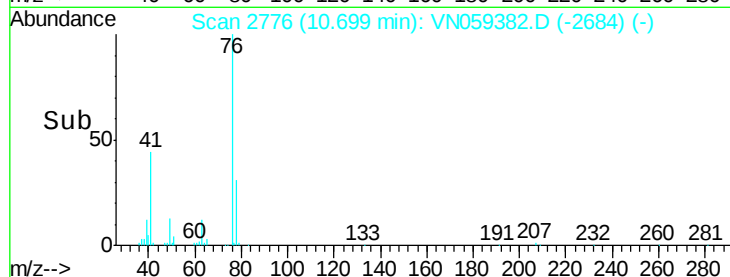
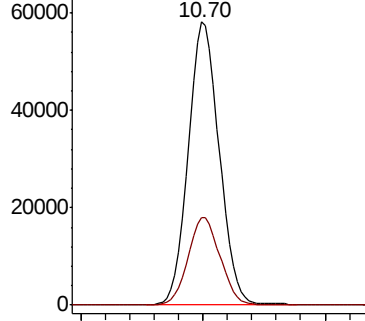
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 63.601 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059382.D

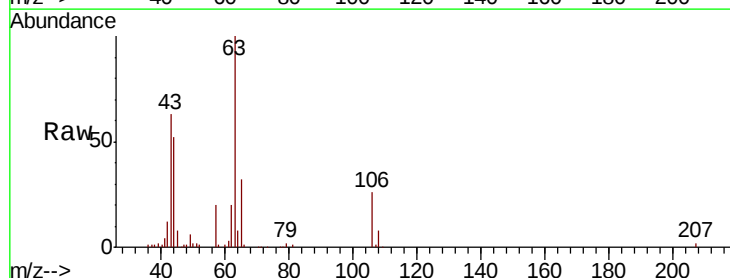
Acq: 25 Nov 2019 15:00

Tgt Ion: 63 Resp: 118558

Ion Ratio Lower Upper

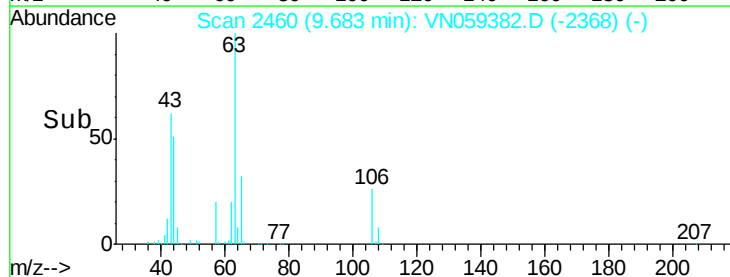
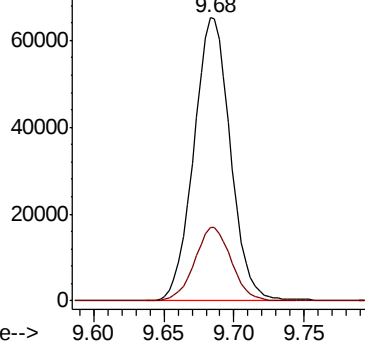
63 100

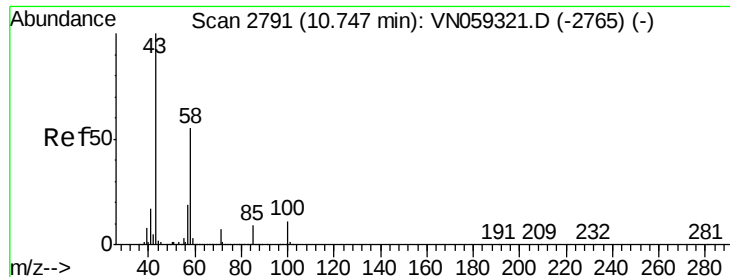
106 25.7 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





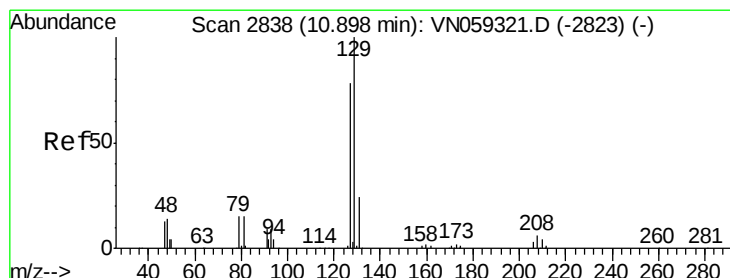
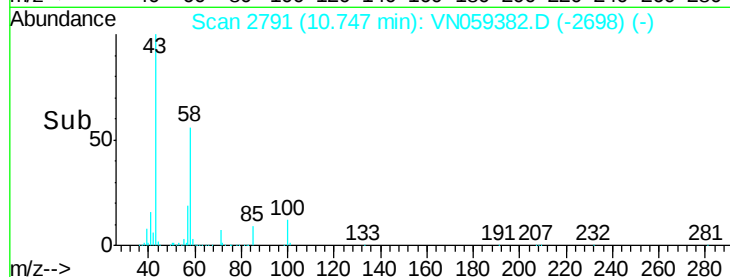
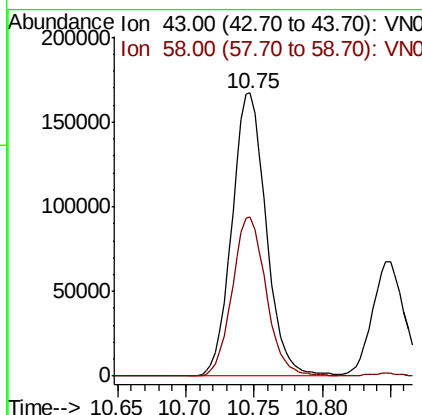
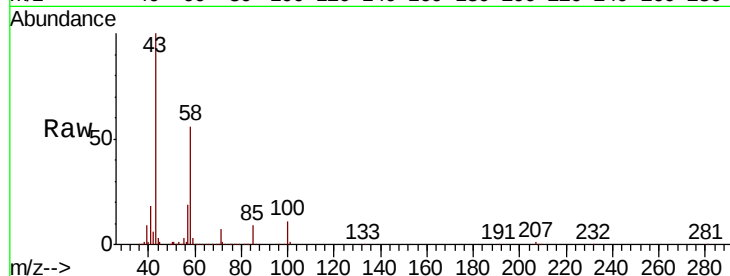
#59
2-Hexanone
Concen: 66.655 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.7	83.0

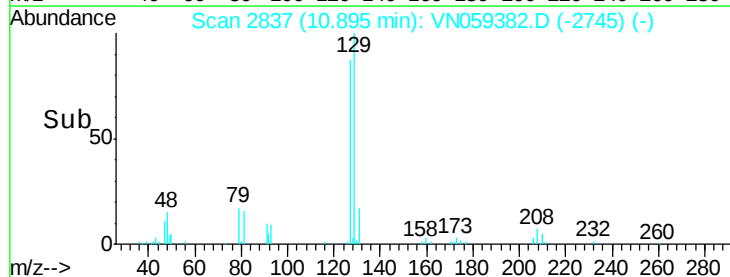
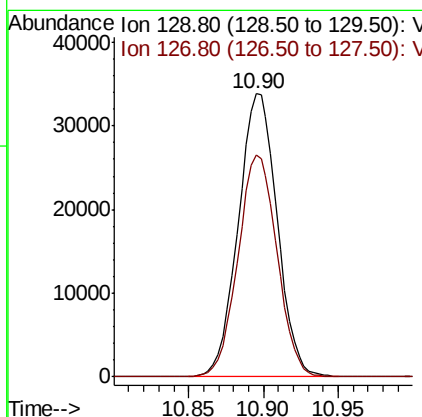
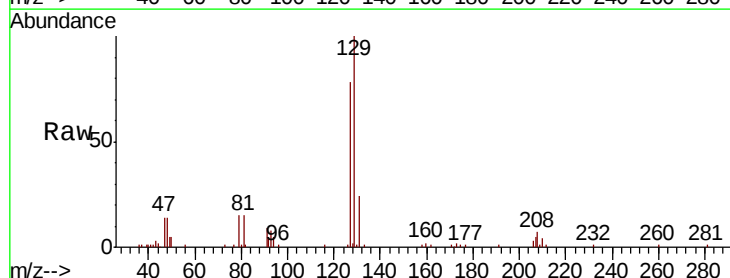
Manual Integrations
APPROVED

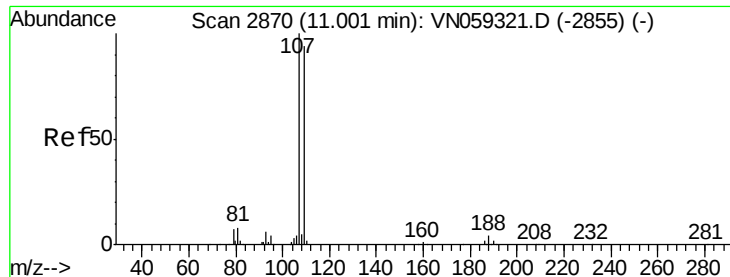
apatel
11/26/2019 12:32:12 PM



#60
Dibromochloromethane
Concen: 13.662 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.5





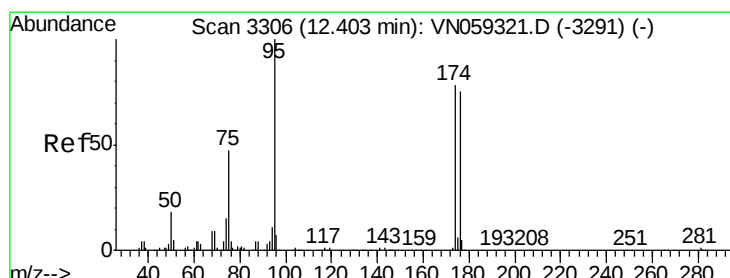
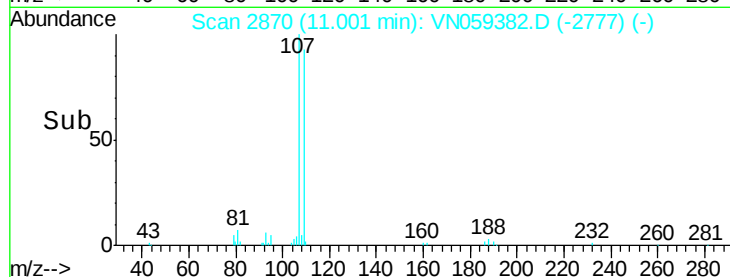
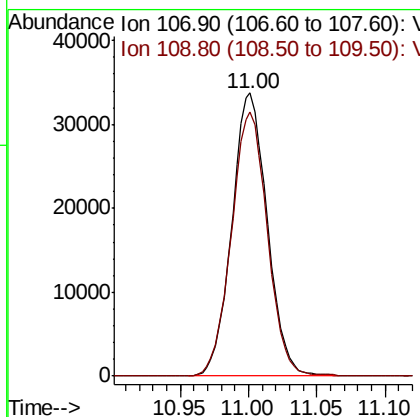
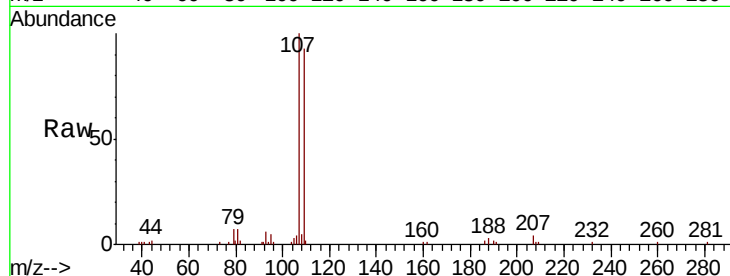
#61
 1,2-Dibromoethane
 Concen: 13.727 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.2

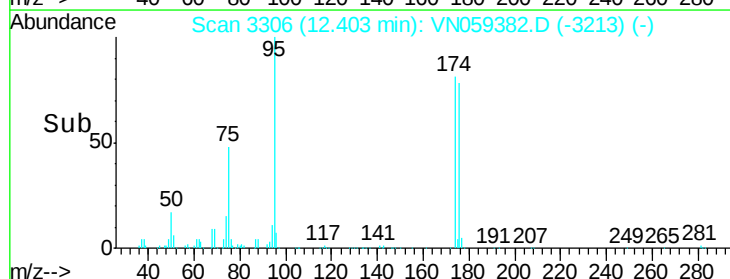
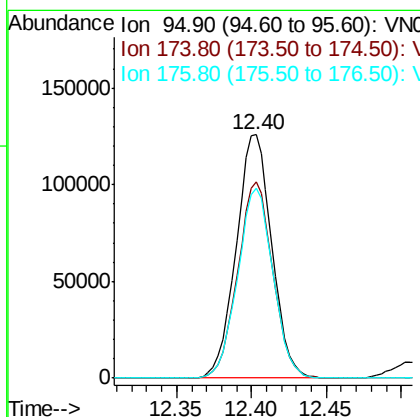
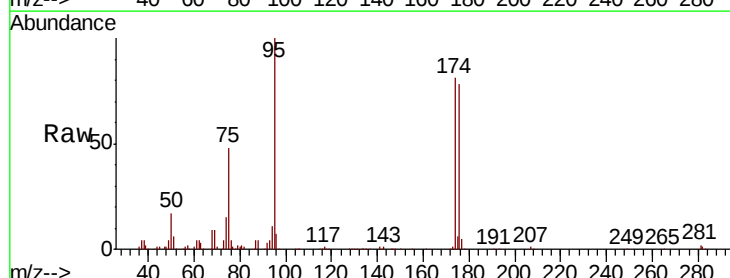
Manual Integrations
 APPROVED

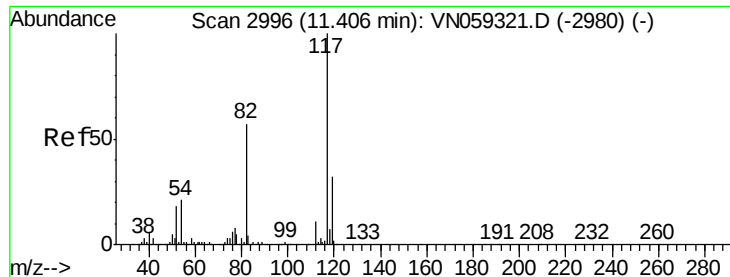
apatel
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#62
 4-Bromofluorobenzene
 Concen: 41.544 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	157.4
176	77.5	0.0	151.2





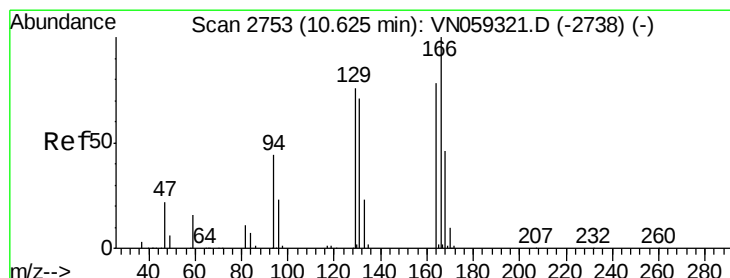
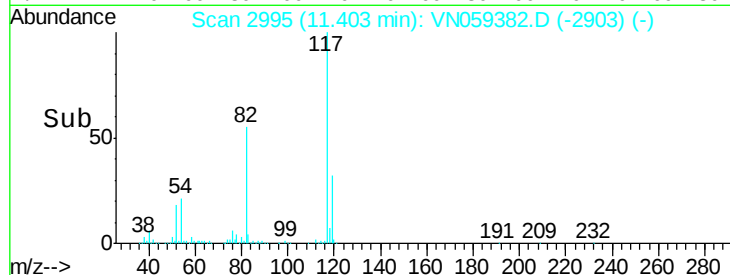
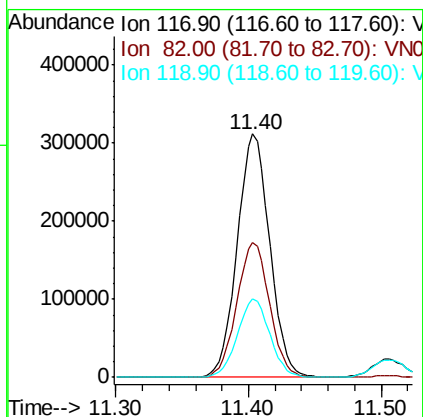
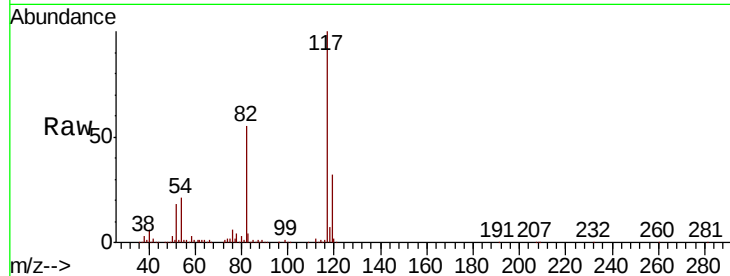
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.7	68.5
119	32.0	25.8	38.6

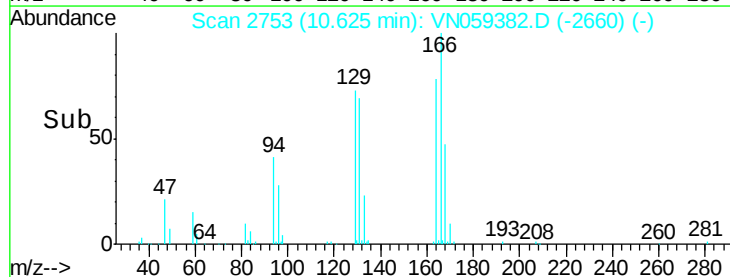
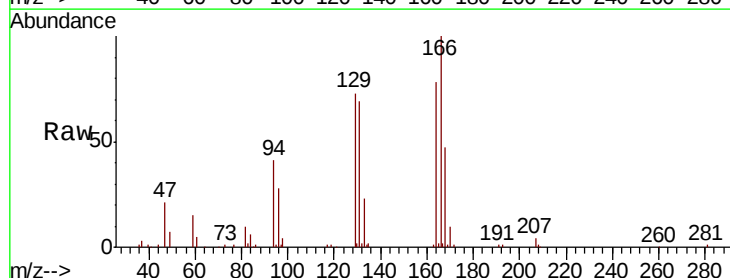
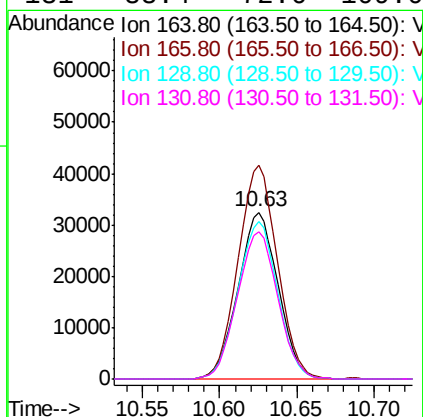
Manual Integrations
APPROVED

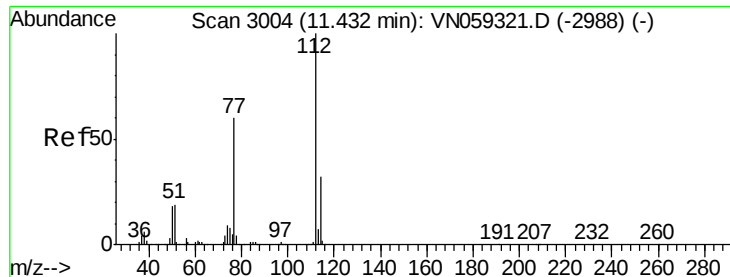
apatel
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#64
Tetrachloroethene
Concen: 14.193 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	94.1	78.2	117.2
131	88.4	72.6	109.0





#65

Chlorobenzene

Concen: 13.869 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion:112 Resp: 158115

Ion Ratio Lower Upper

112 100

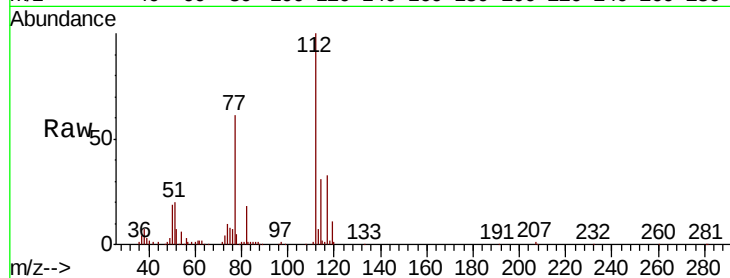
114 31.5 25.8 38.6

Manual Integrations

APPROVED

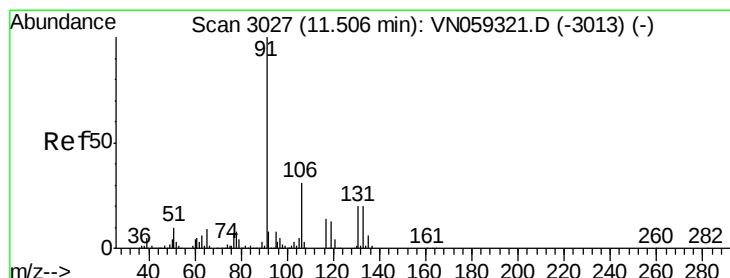
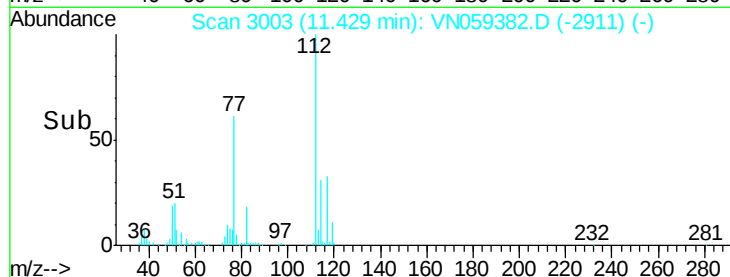
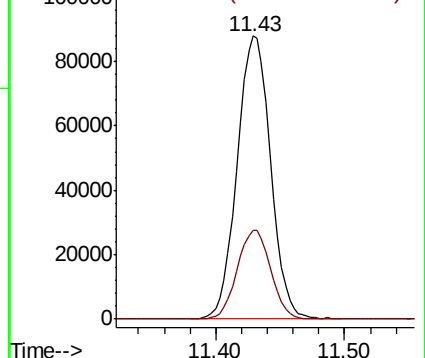
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 14.262 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

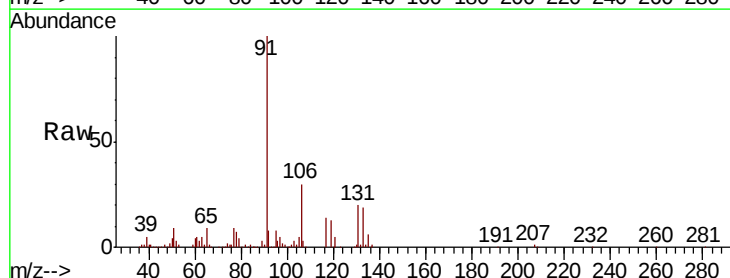
Tgt Ion:131 Resp: 59068

Ion Ratio Lower Upper

131 100

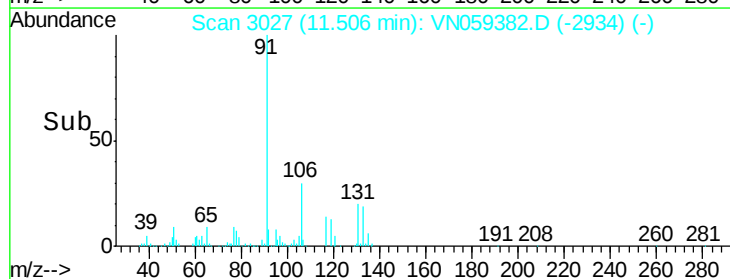
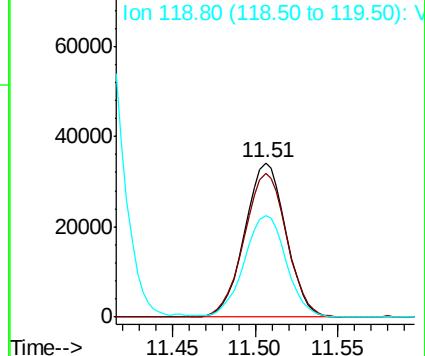
133 96.4 48.2 144.6

119 67.2 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V





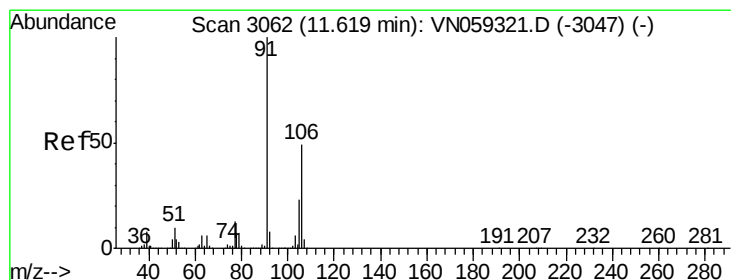
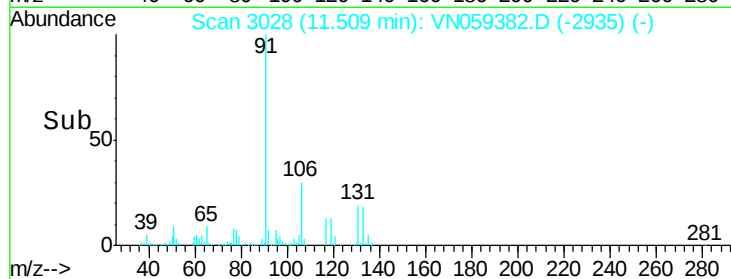
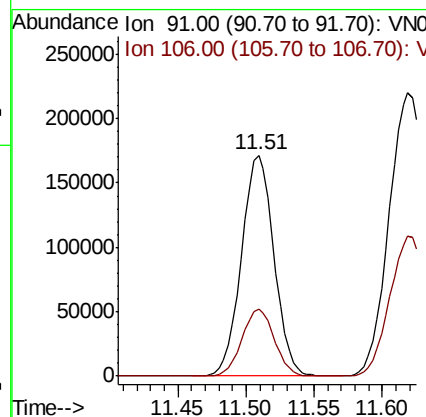
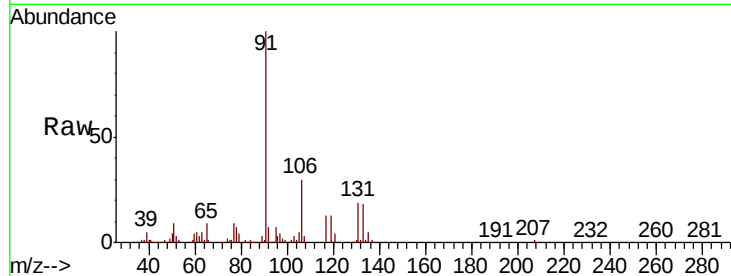
#67
Ethyl Benzene
Concen: 13.958 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	91	Resp	284118
Ion Ratio	100	Lower	Upper
106	30.5	24.6	37.0

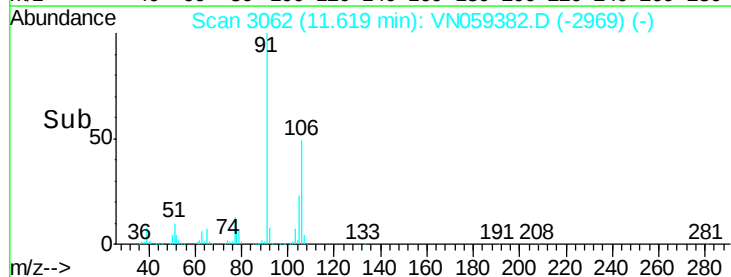
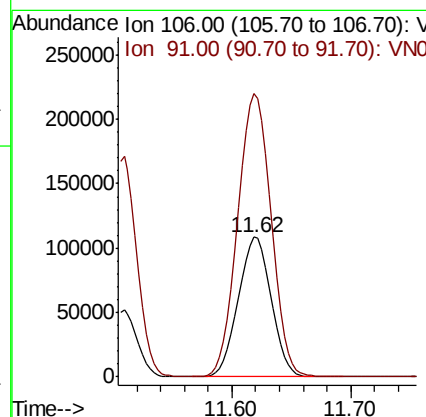
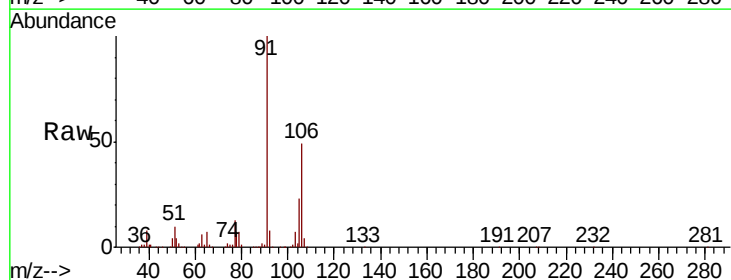
Manual Integrations
APPROVED

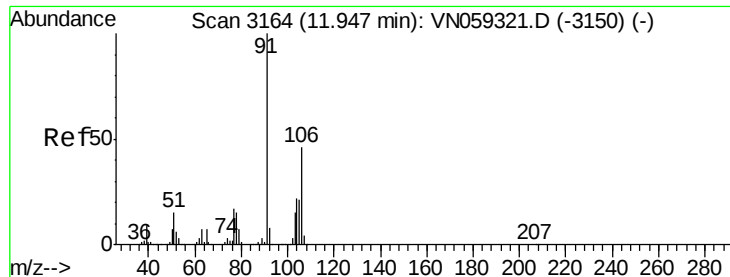
apatel
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#68
m/p-Xylenes
Concen: 27.540 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	106	Resp	208305
Ion Ratio	100	Lower	Upper
91	205.9	163.2	244.8





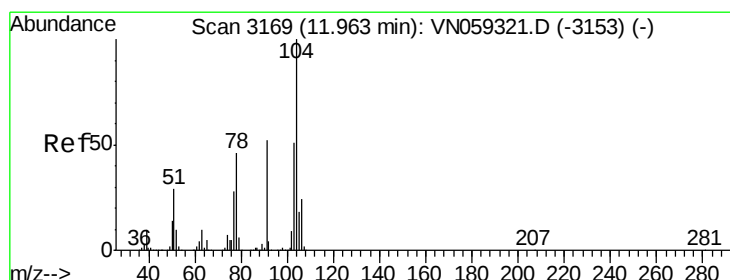
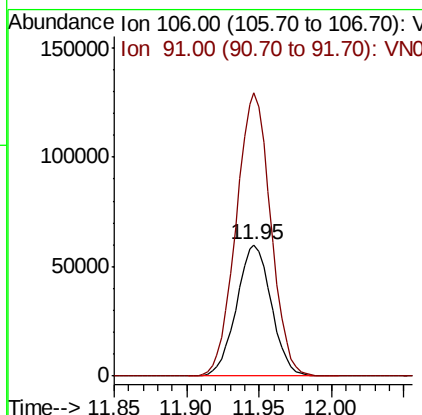
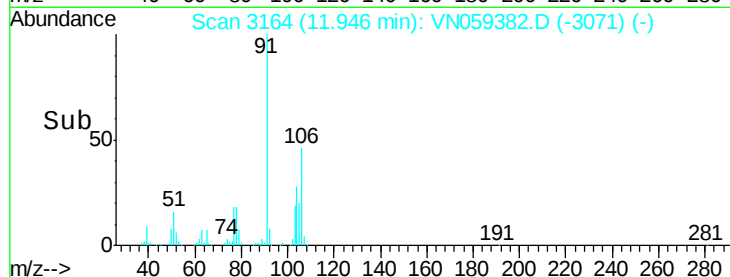
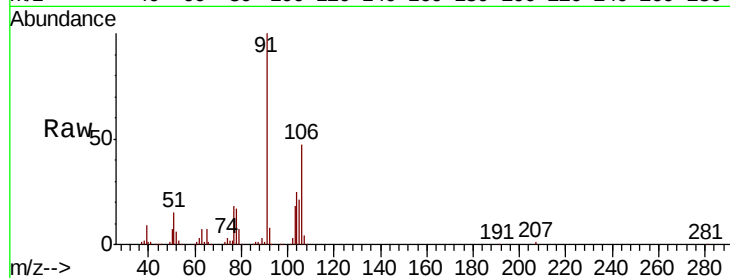
#69
o-Xylene
Concen: 13.815 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.4	109.3	327.9

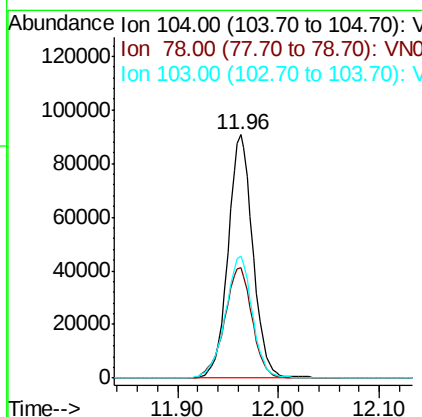
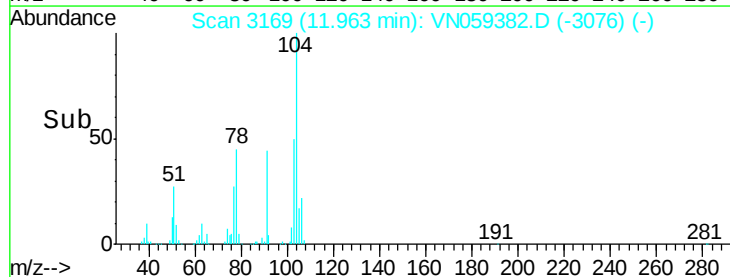
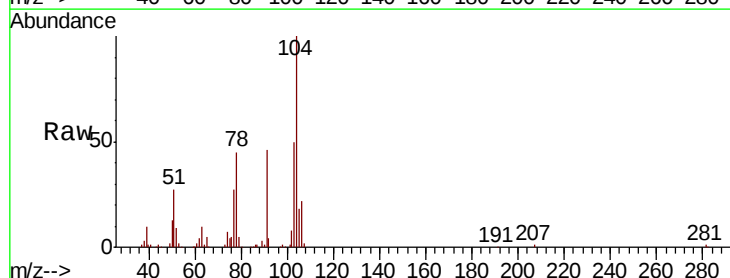
Manual Integrations
APPROVED

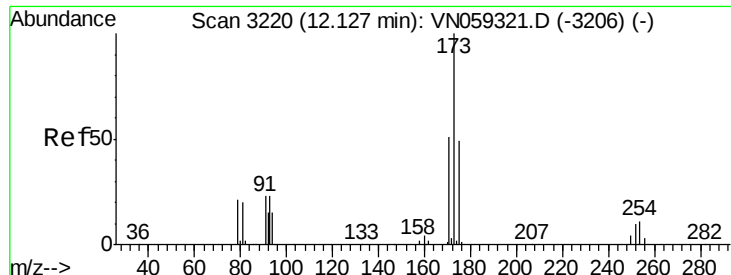
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#70
Styrene
Concen: 13.596 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	40.3	60.5
103	54.9	43.6	65.4





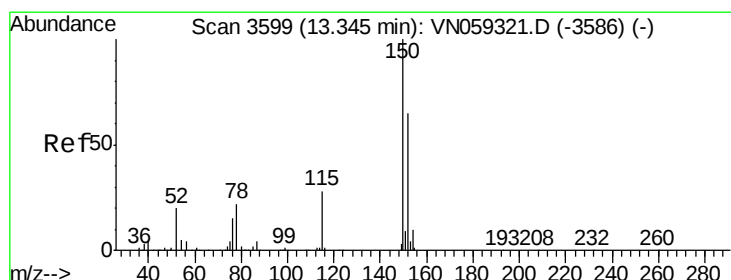
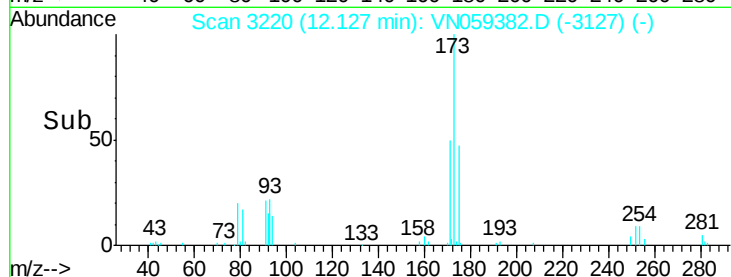
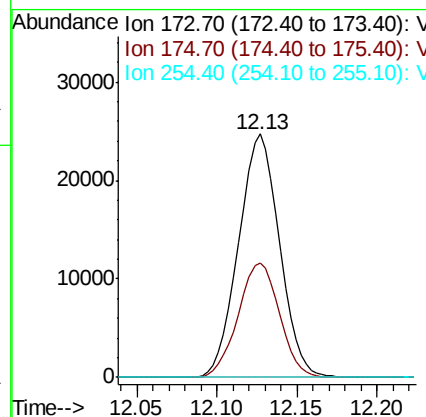
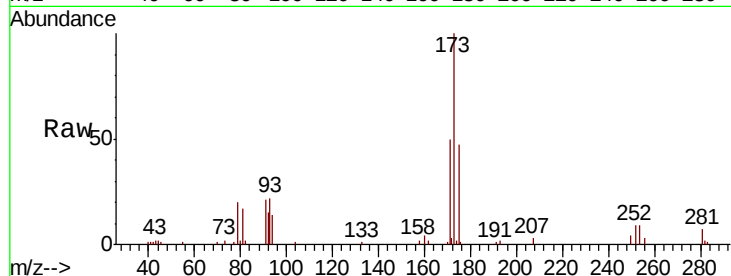
#71
Bromoform
Concen: 13.753 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.6	73.6
254	0.0	0.1	0.1#

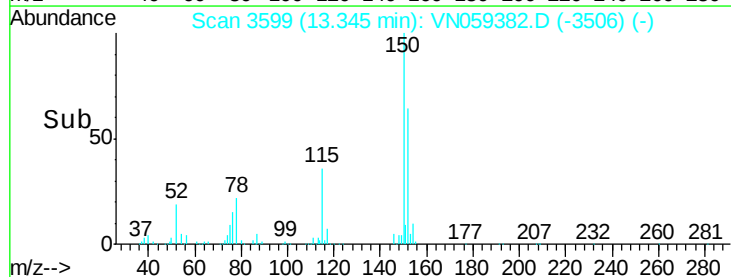
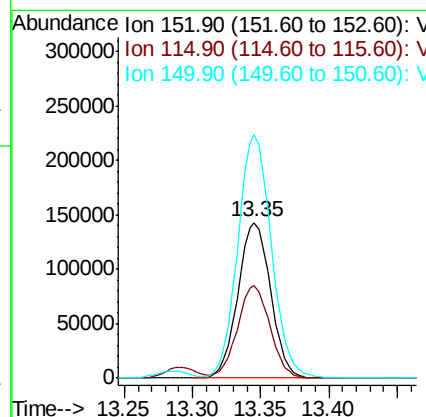
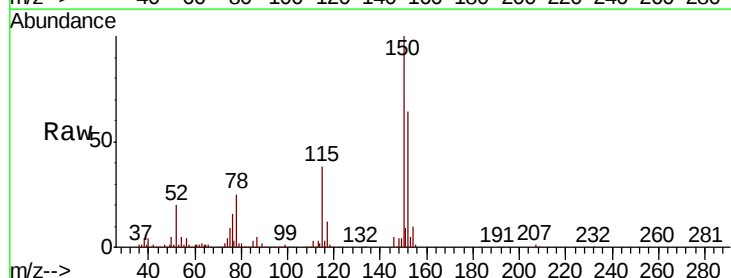
Manual Integrations
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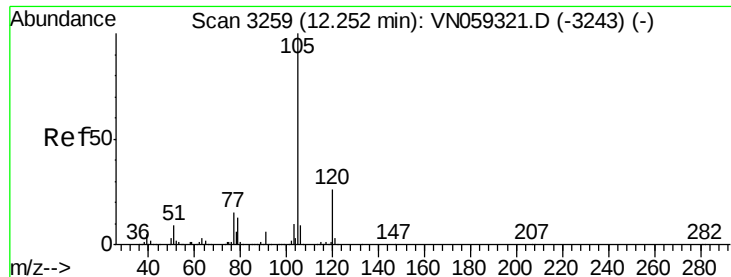
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	161.3	0.0	346.0





#73

Isopropylbenzene

Concen: 13.667 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 105 Resp: 266276

Ion Ratio Lower Upper

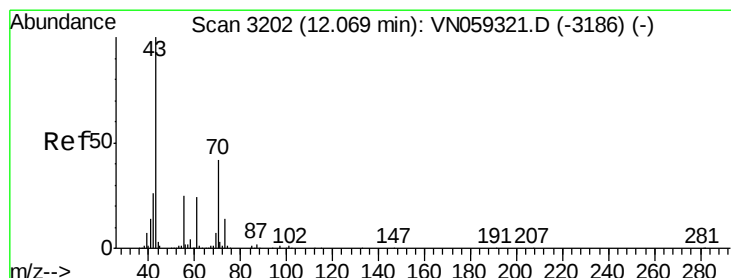
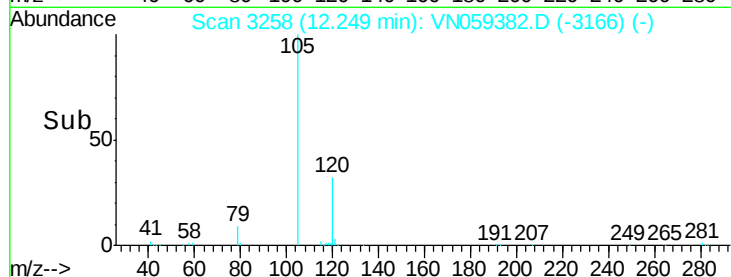
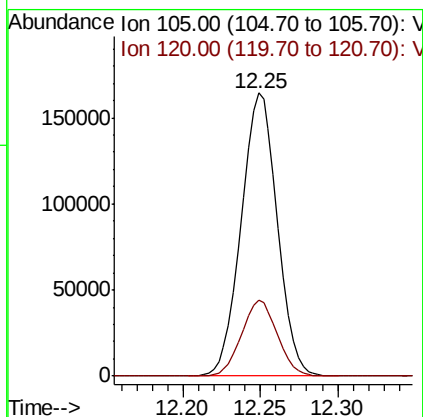
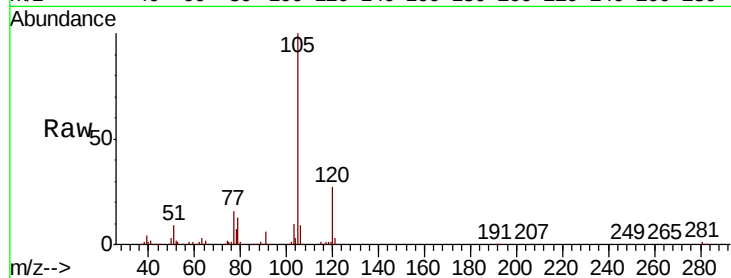
105 100

120 26.5 13.1 39.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 12.231 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion: 43 Resp: 95767

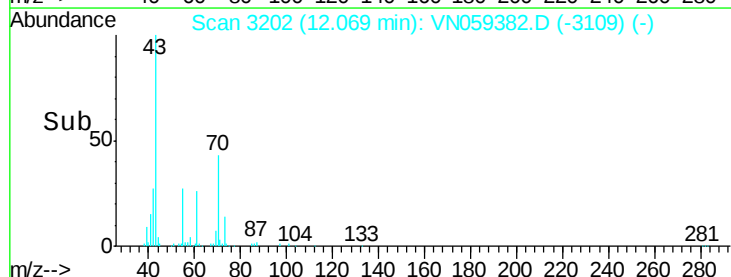
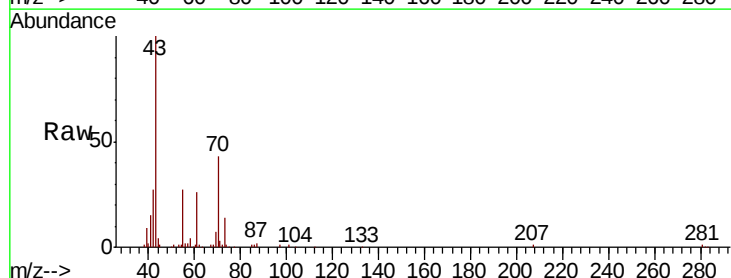
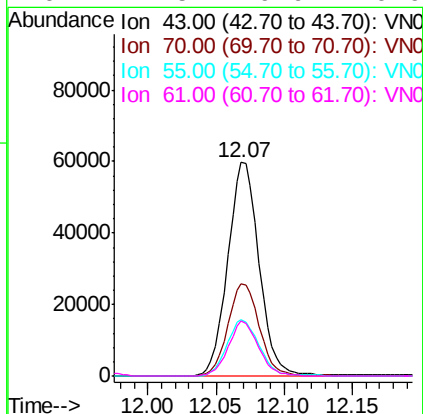
Ion Ratio Lower Upper

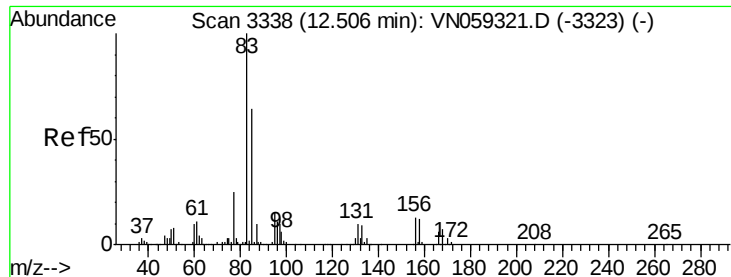
43 100

70 43.0 33.8 50.6

55 26.9 20.3 30.5

61 24.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 13.347 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

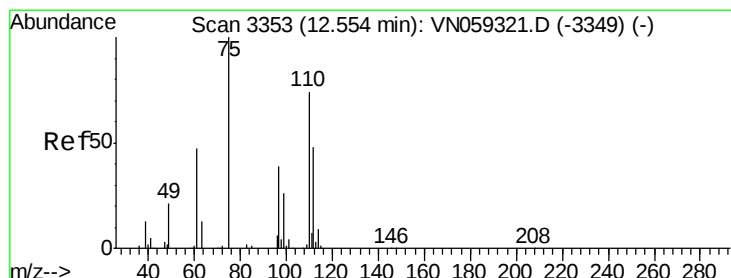
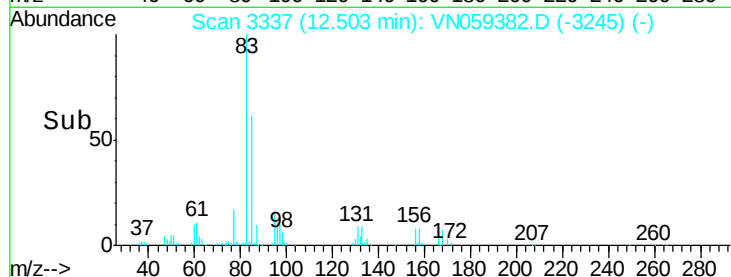
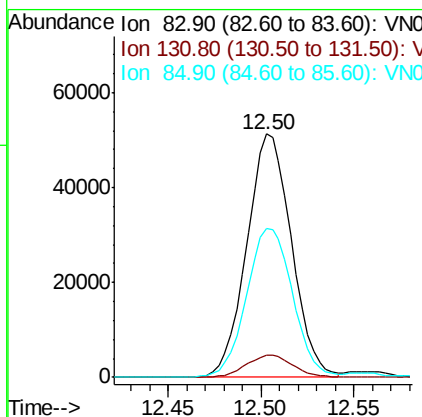
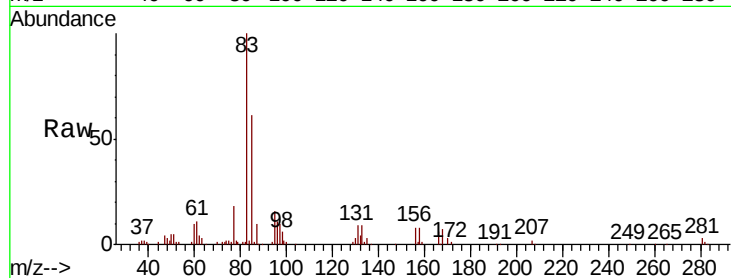
ClientSampleId :

VN1125WBS01

Tot Ion:	83	Resp:	86025
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.0	14.9
85	63.1	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 13.858 ug/l m

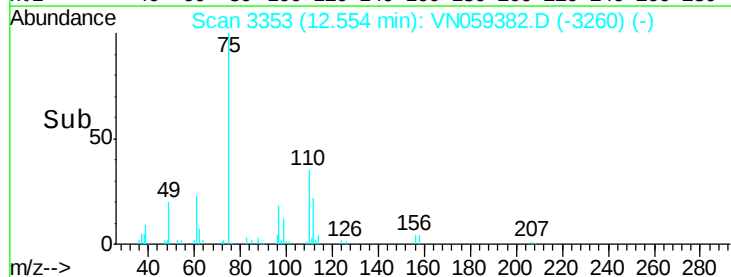
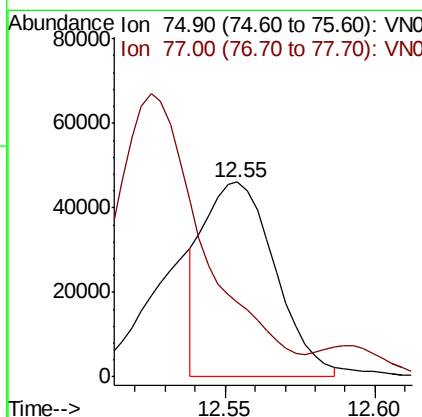
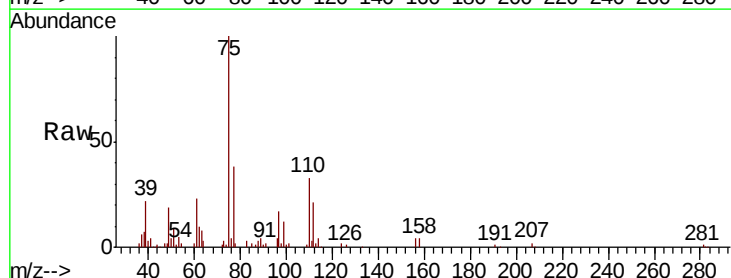
RT: 12.55 min Scan# 3353

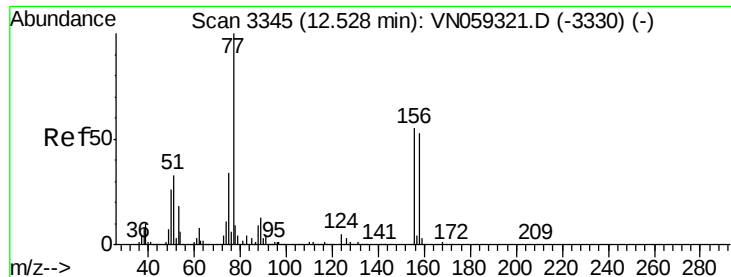
Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	75	Resp:	76143
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 13.645 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

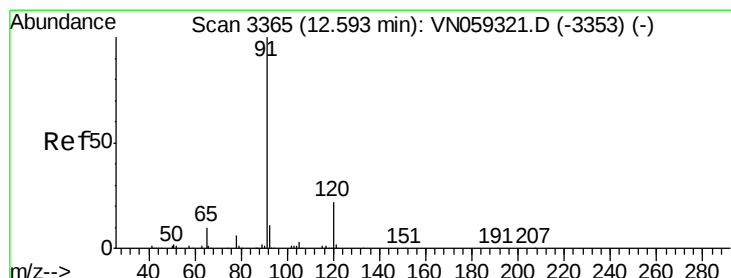
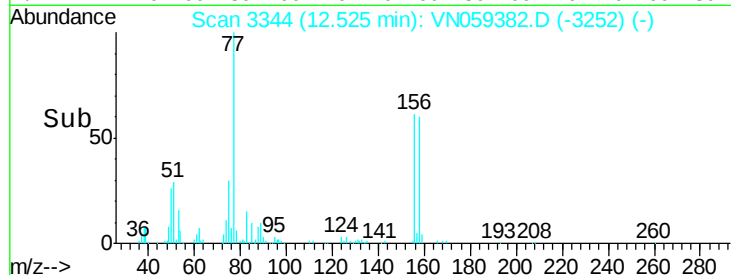
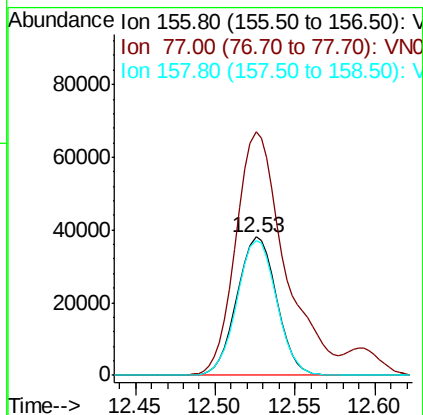
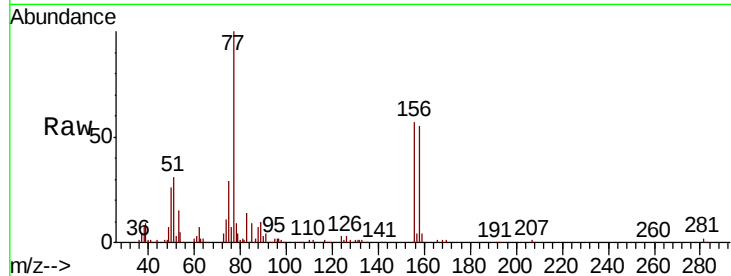
ClientSampleId :

VN1125WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	218.5	111.1	333.4	
158	97.5	47.8	143.4	

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#78

n-propylbenzene

Concen: 13.889 ug/l

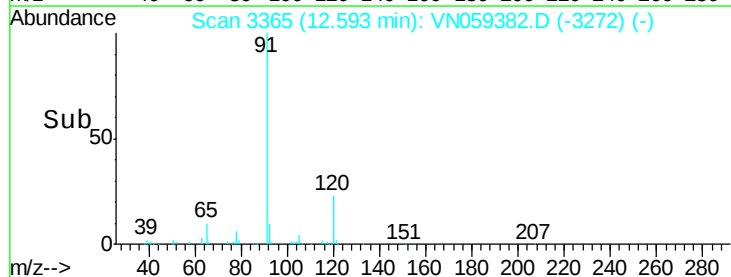
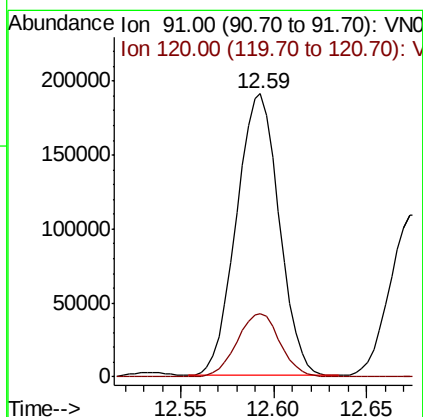
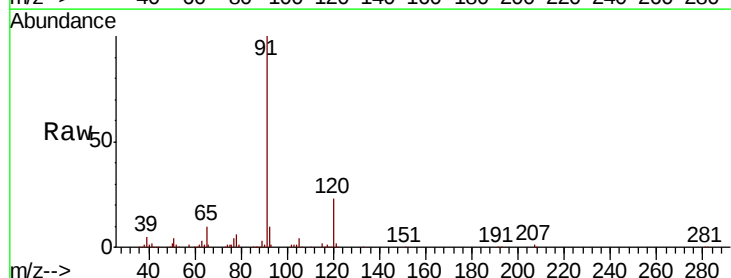
RT: 12.59 min Scan# 3365

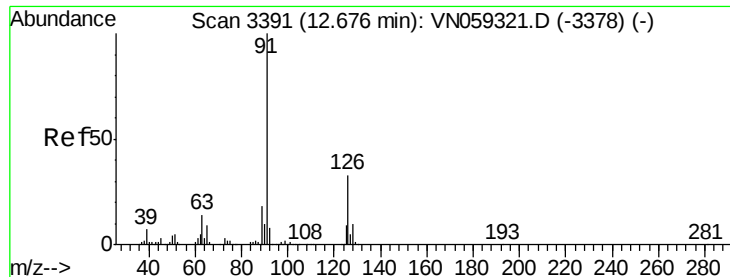
Delta R.T. 0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.3	33.9	





#79

2-Chlorotoluene

Concen: 13.552 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tot Ion: 91 Resp: 183574

Ion Ratio Lower Upper

91 100

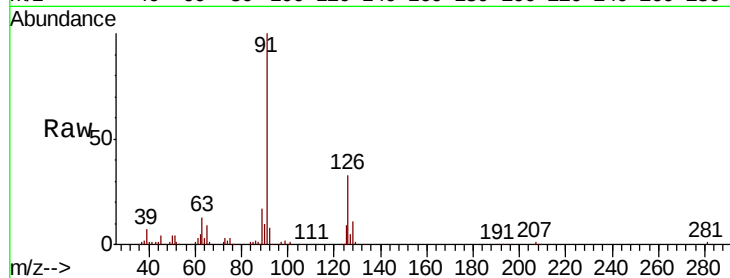
126 33.3 16.7 50.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059382.D (-3398) (-)

Ion 125.90 (125.60 to 126.60): VN059382.D (-3398) (-)

150000

100000

50000

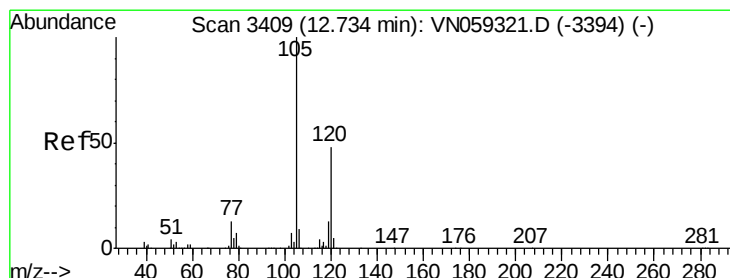
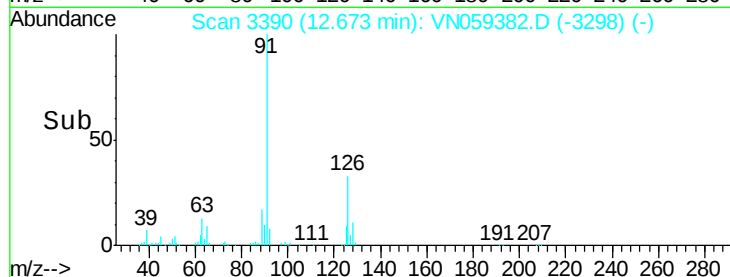
0

12.67

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 13.672 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059382.D

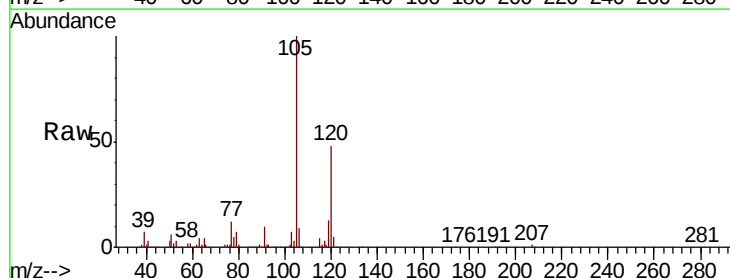
Acq: 25 Nov 2019 15:00

Tgt Ion: 105 Resp: 223926

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059382.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059382.D (-3316) (-)

150000

100000

50000

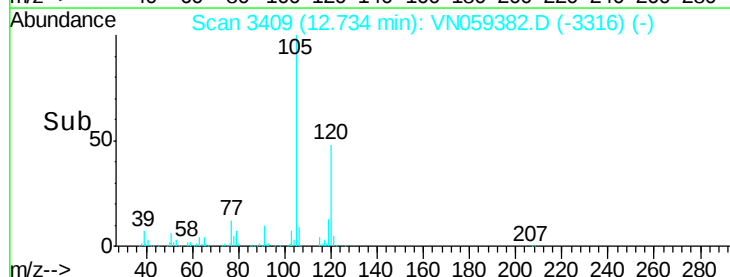
0

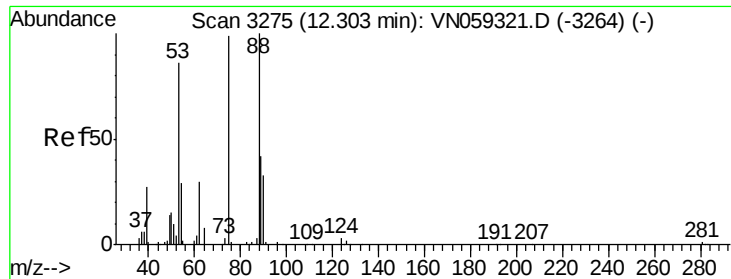
12.73

12.70

12.80

Time-->





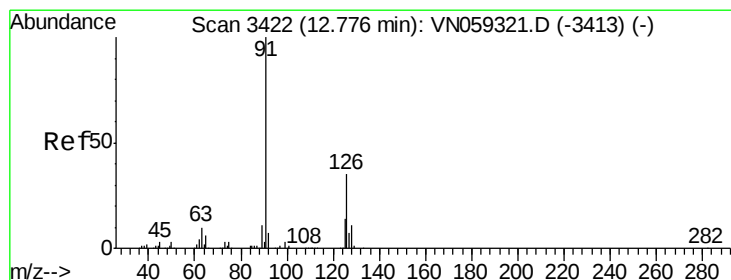
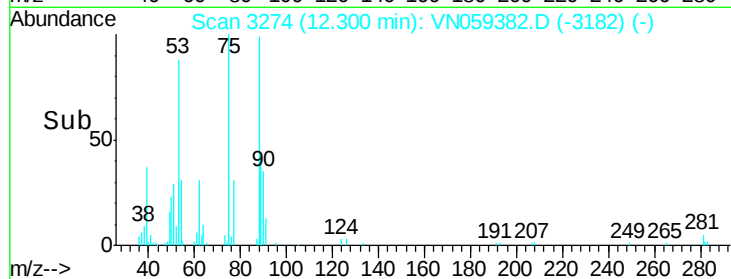
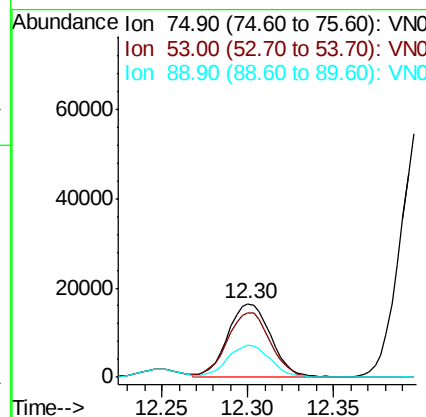
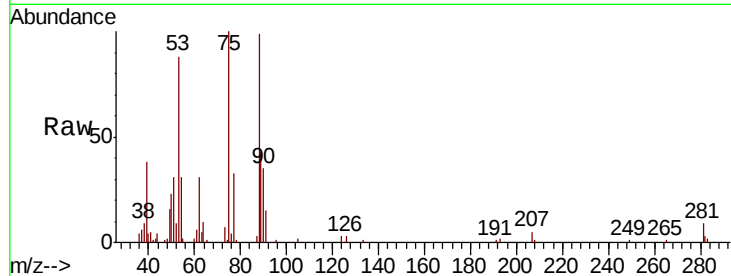
#81
trans-1,4-Dichloro-2-butene
Concen: 13.161 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.3	70.7	106.1
89	43.3	35.4	53.0

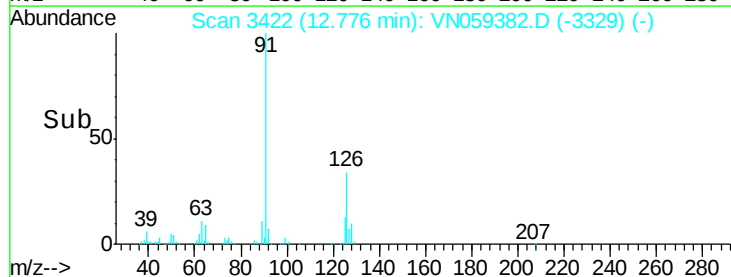
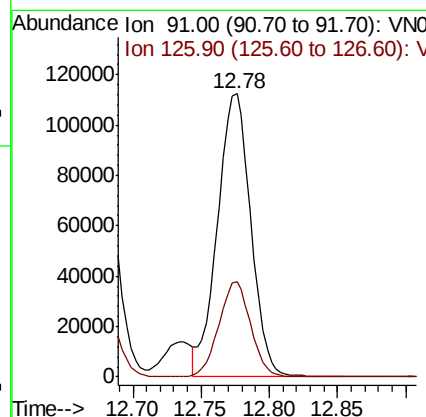
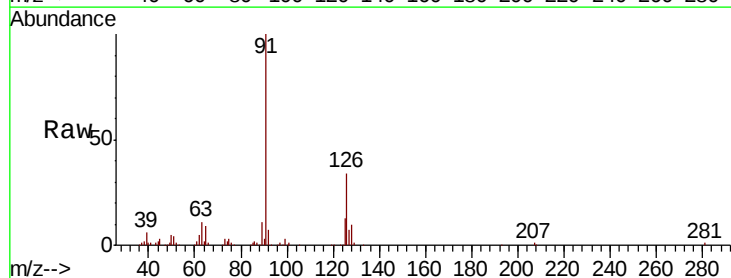
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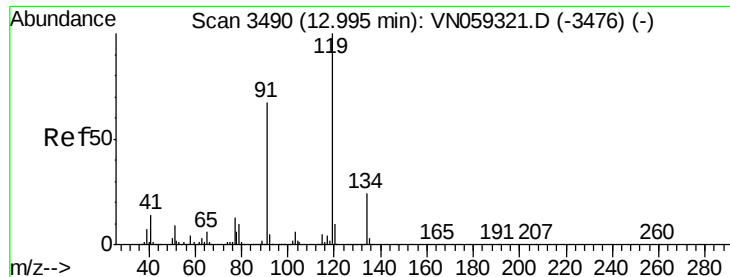
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#82
4-Chlorotoluene
Concen: 13.534 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.6





#83

tert-Butylbenzene

Concen: 13.686 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Instrument :

MSVOA_N

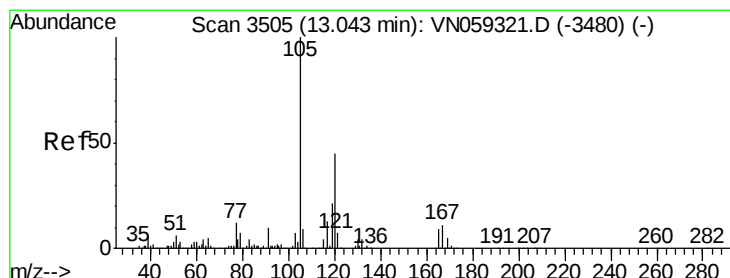
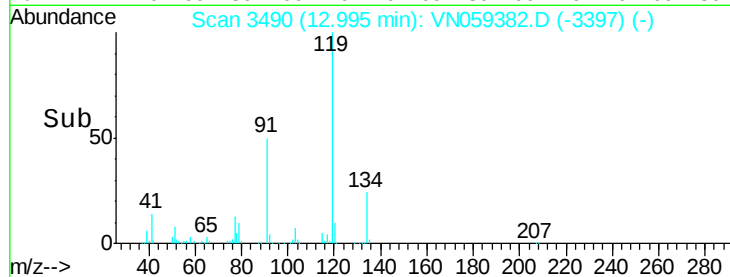
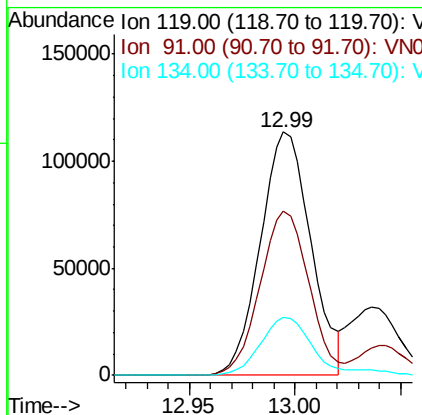
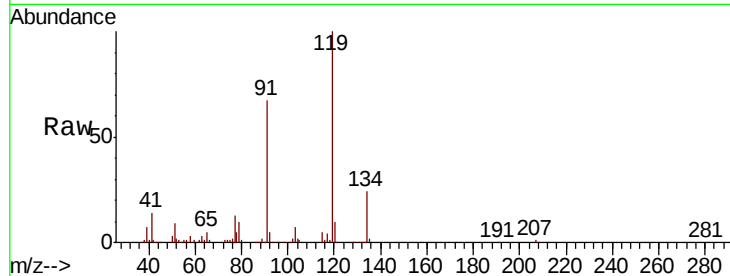
ClientSampleId :

VN1125WBS01

Tot Ion:	119	Resp:	189315
Ion Ratio	Lower	Upper	
119	100		
91	65.6	32.8	98.4
134	25.5	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 13.589 ug/l

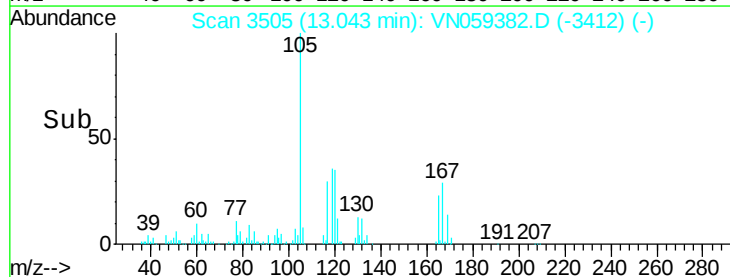
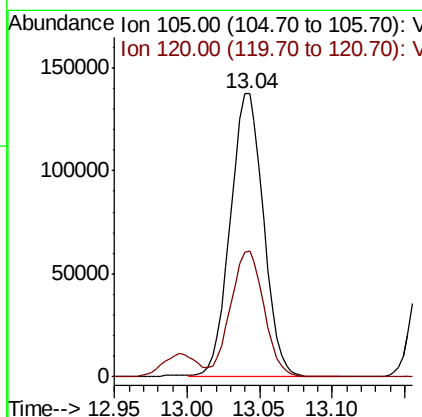
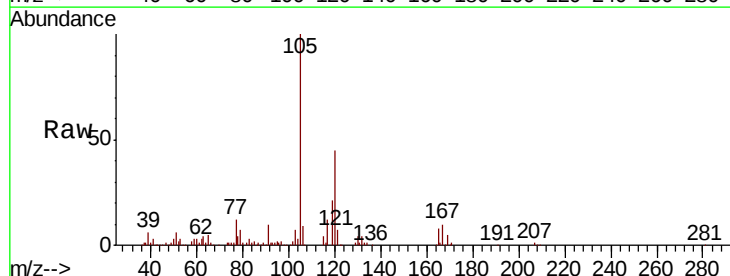
RT: 13.04 min Scan# 3505

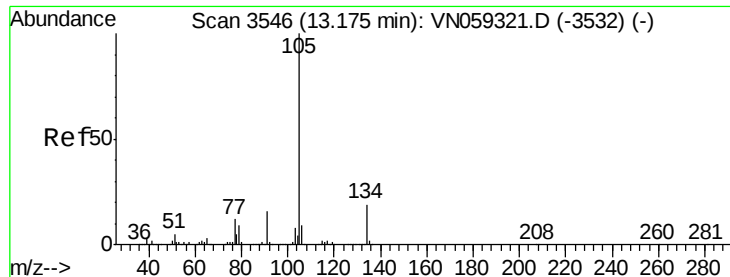
Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion:	105	Resp:	218026
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.6	67.8





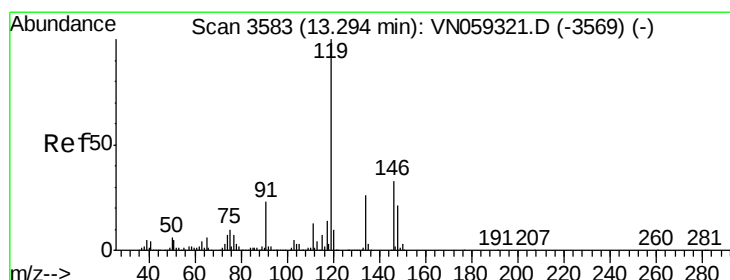
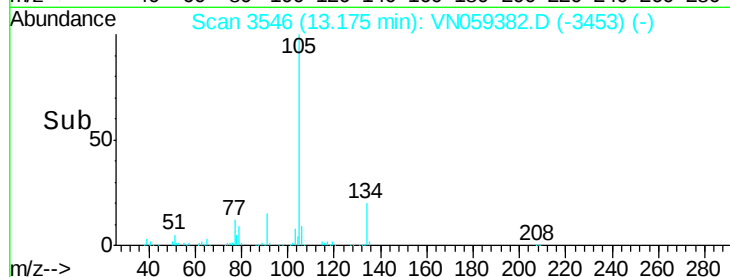
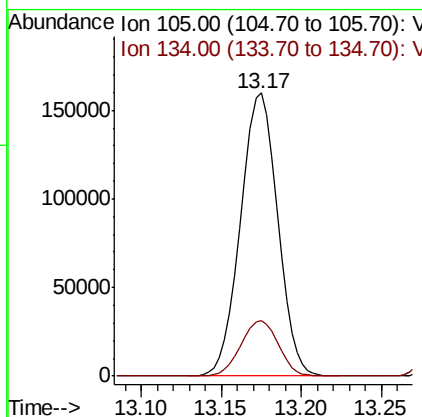
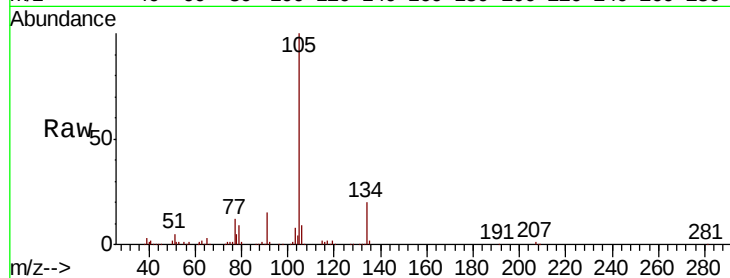
#85
 sec-Butylbenzene
 Concen: 13.619 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	253208		
134	19.8	9.8	29.3	

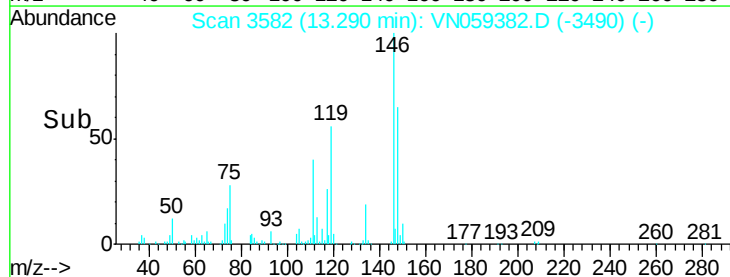
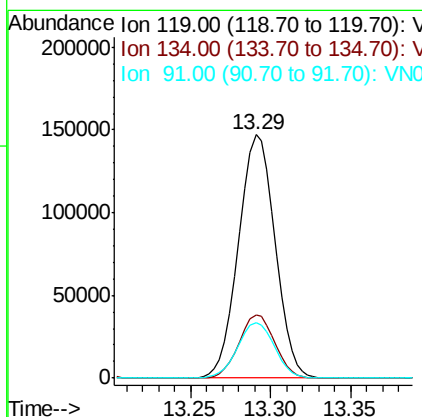
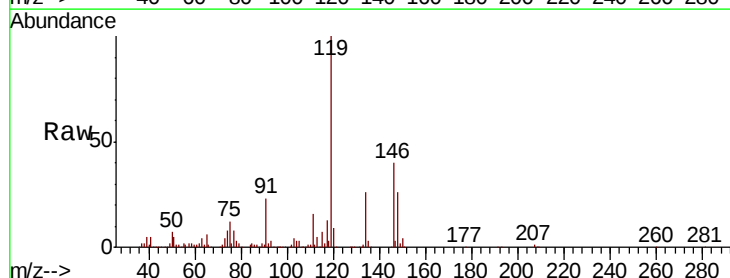
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#86
 p-Isopropyltoluene
 Concen: 13.764 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	227717		
134	25.7	13.0	38.9	
91	23.2	11.6	34.7	





#87

1,3-Dichlorobenzene

Concen: 13.392 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059382.D

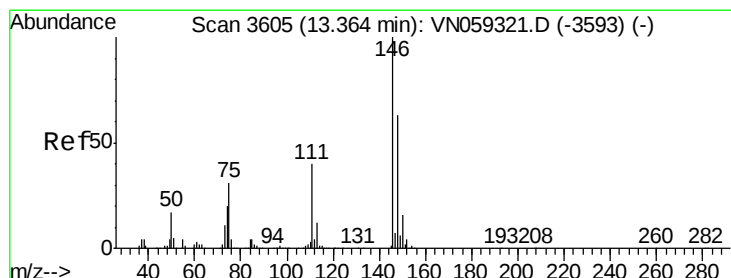
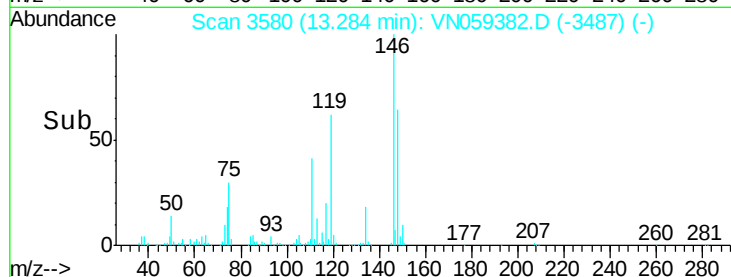
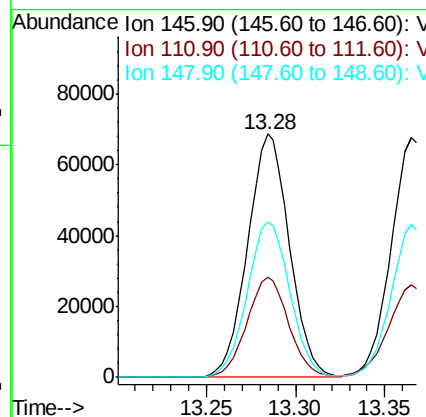
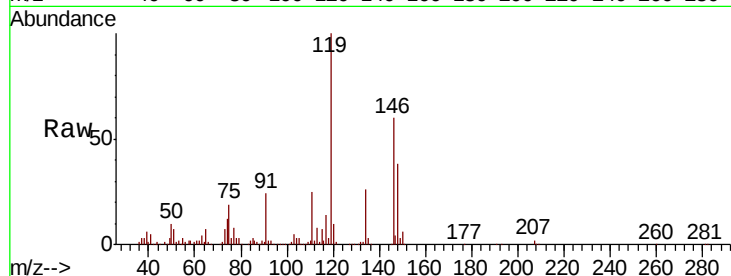
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	65.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 13.425 ug/l

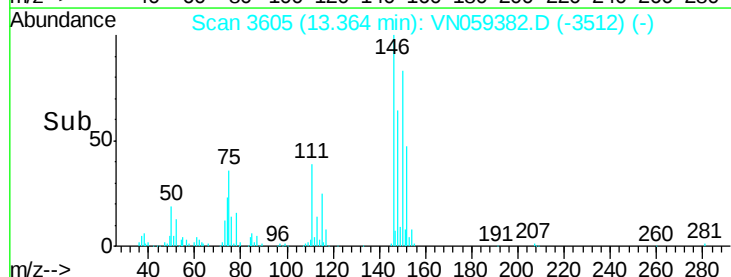
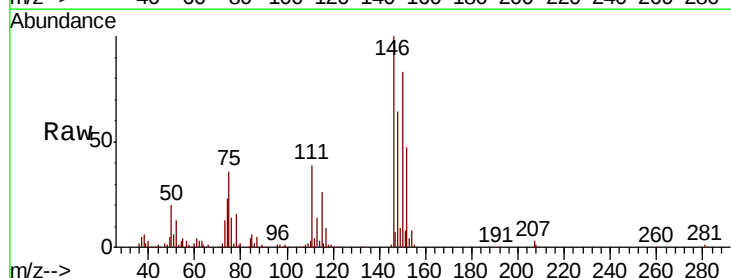
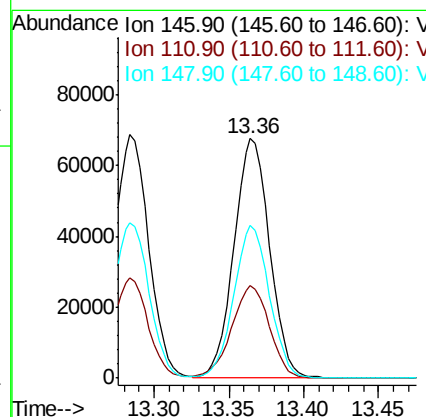
RT: 13.36 min Scan# 3605

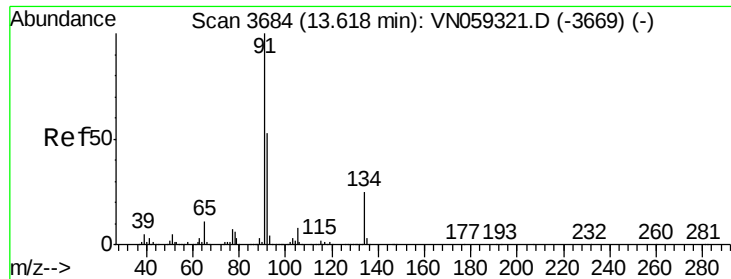
Delta R.T. -0.00 min

Lab File: VN059382.D

Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.3
148	64.1	31.7	95.1





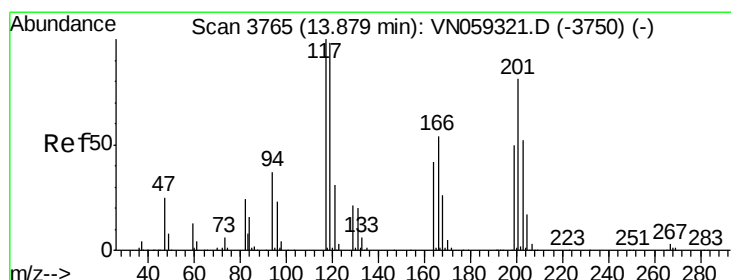
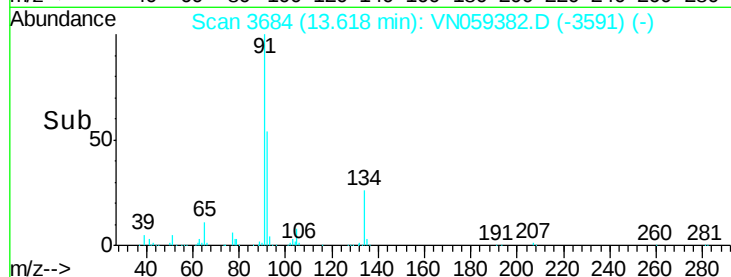
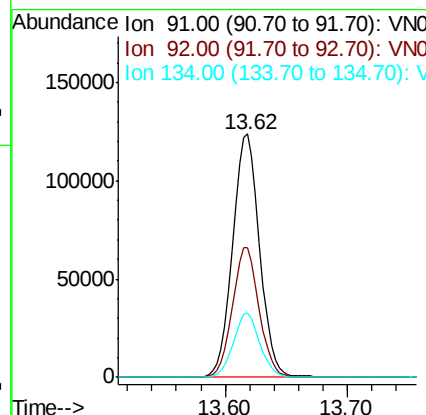
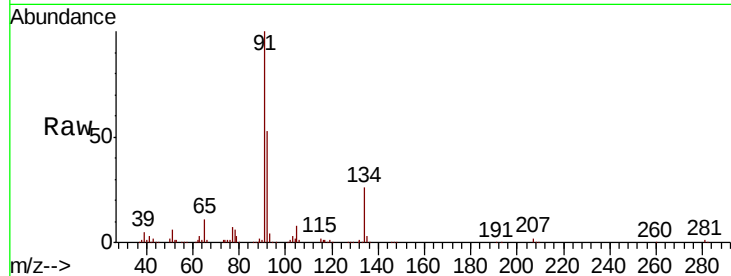
#89
n-Butylbenzene
Concen: 13.200 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	25.9	12.7	38.1

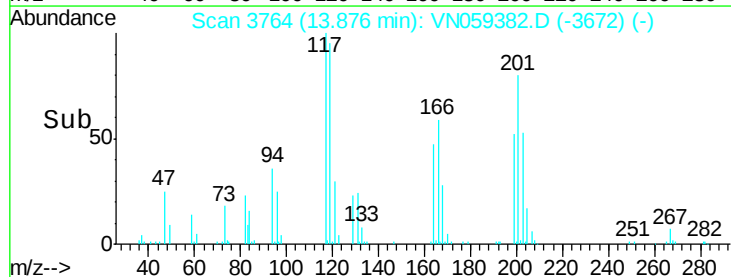
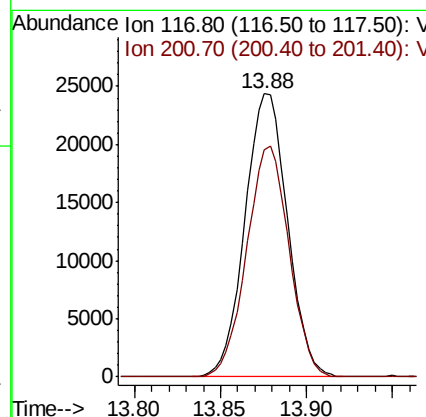
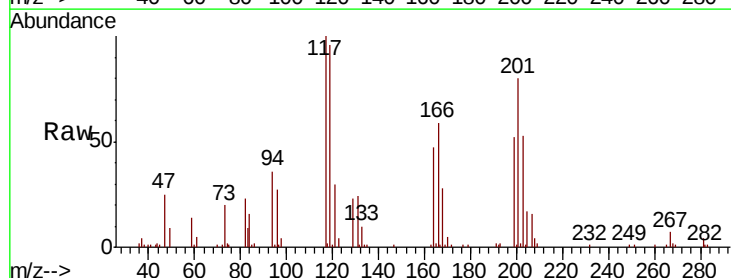
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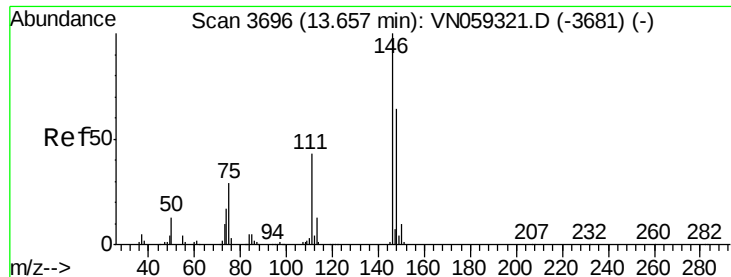
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#90
Hexachloroethane
Concen: 13.346 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	40.4	121.2





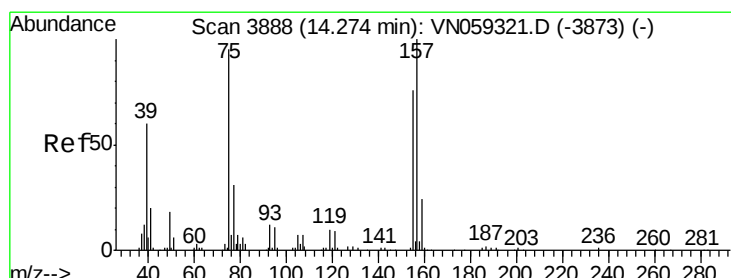
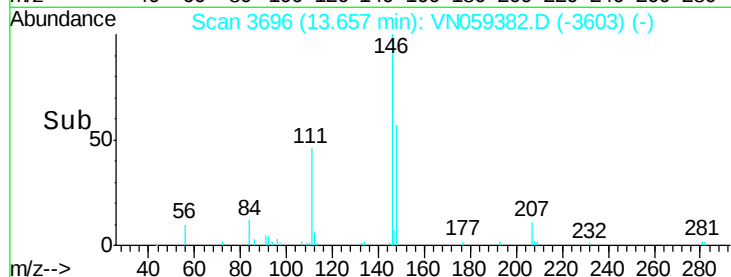
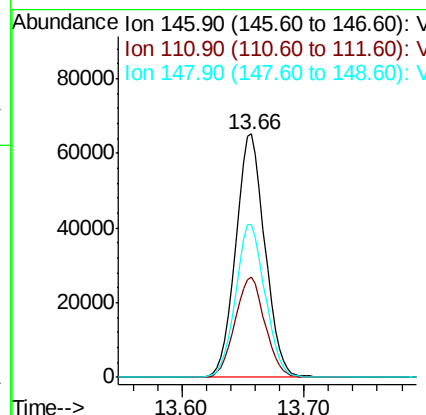
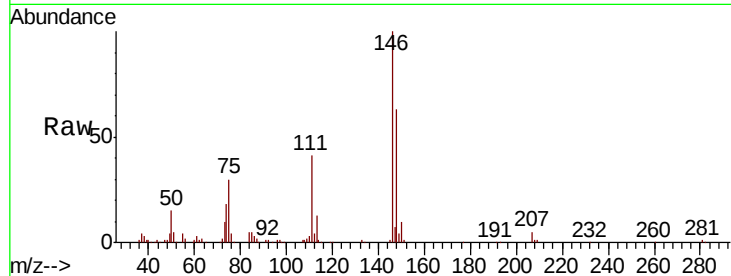
#91
 1,2-Dichlorobenzene
 Concen: 13.346 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	64.0
148	63.3	31.9	95.5

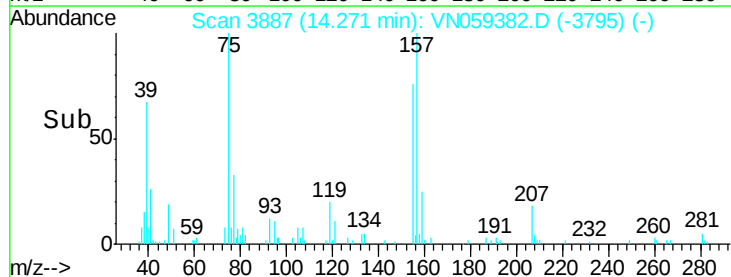
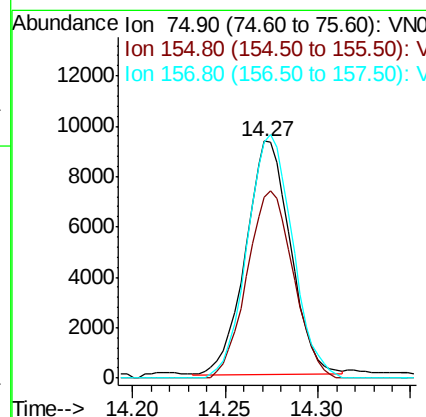
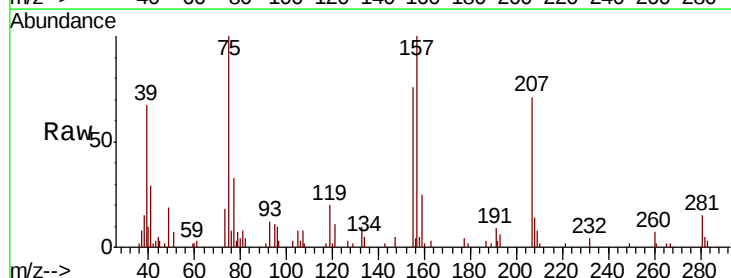
Manual Integrations
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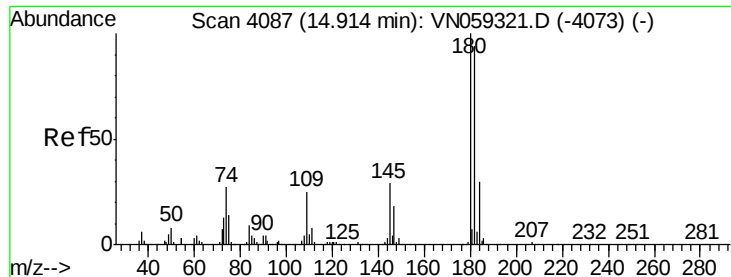
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.331 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	40.5	121.5
157	105.6	52.7	158.1





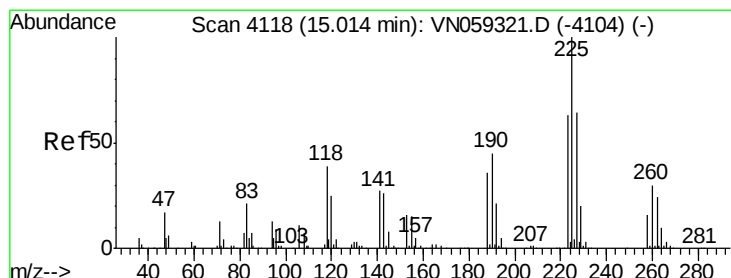
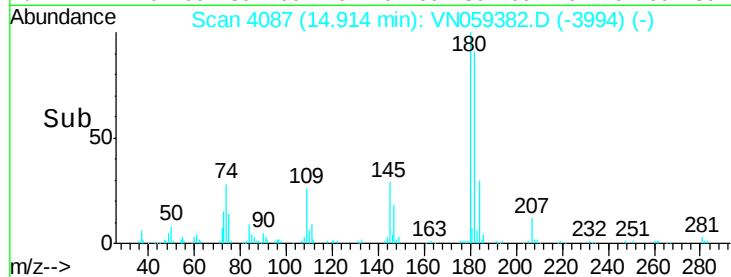
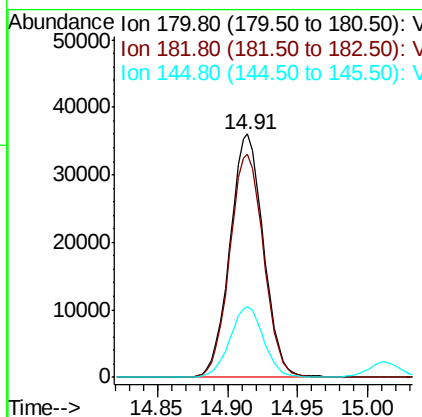
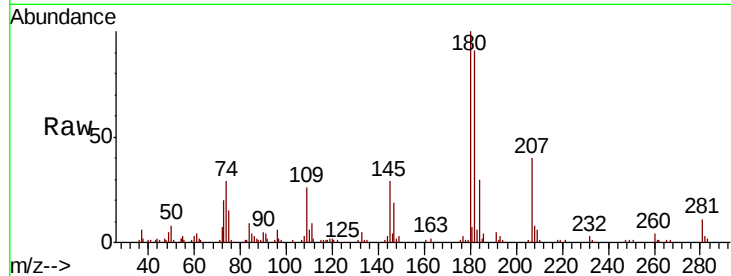
#93
 1,2,4-Trichlorobenzene
 Concen: 14.089 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion:	180	Resp:	59995
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.2	141.6
145	29.0	14.9	44.5

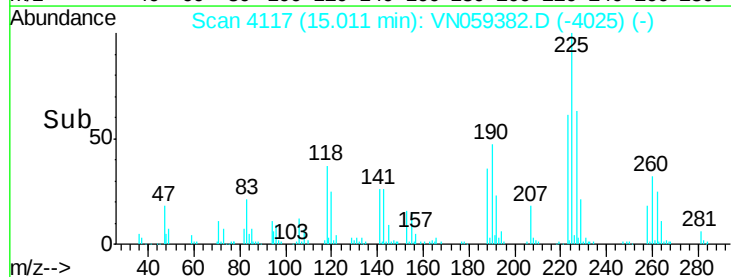
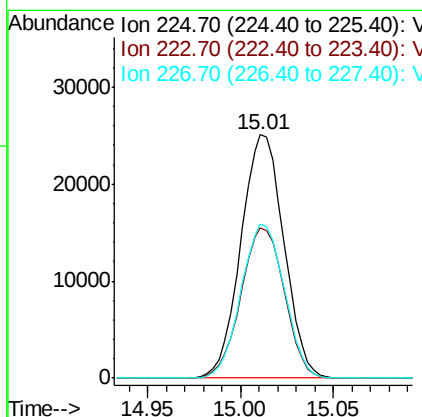
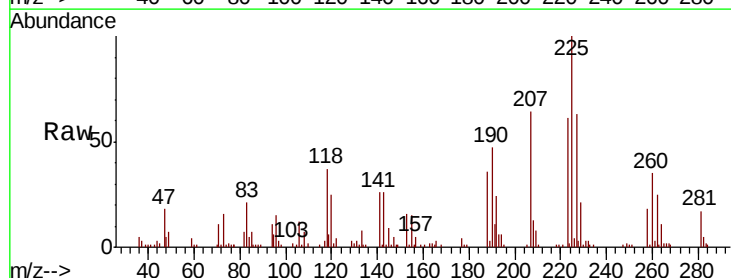
Manual Integrations
 APPROVED

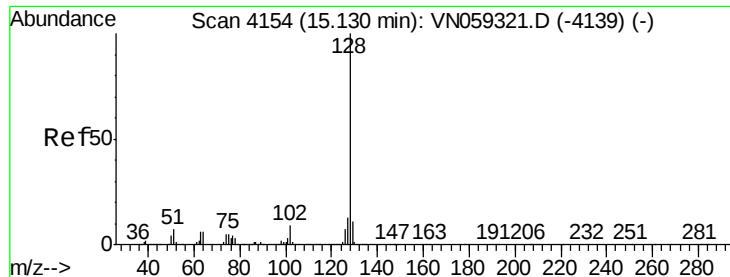
apatel
 11/26/2019 12:32:12 PM



#94
 Hexachlorobutadiene
 Concen: 13.769 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059382.D
 Acq: 25 Nov 2019 15:00

Tgt Ion:	225	Resp:	40393
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.6	94.8
227	63.5	32.6	97.7





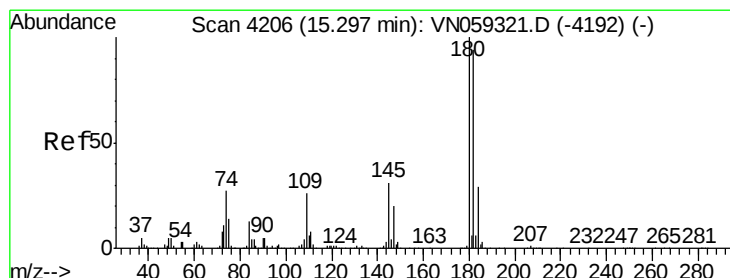
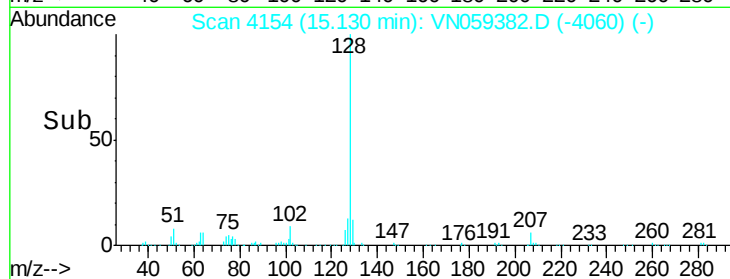
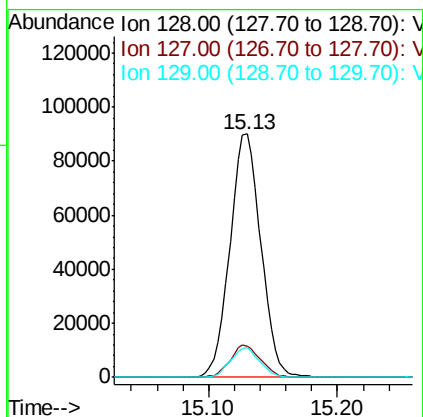
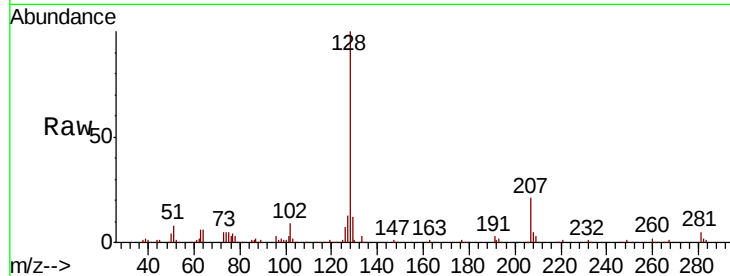
#95
Naphthalene
Concen: 13.215 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.6	8.6	13.0

Manual Integrations
APPROVED

apatel
11/26/2019 12:32:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 13.599 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059382.D
Acq: 25 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.4
145	33.2	15.6	46.8

