

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073874.D
 Acq On : 13 Aug 2022 17:39
 Operator : JC\MD
 Sample : N4156-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11261RE

Quant Time: Aug 14 02:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	676116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	981782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.692	117	1099699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	656102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	333260	40.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.900%
35) Dibromofluoromethane	7.951	113	324902	52.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	10.392	98	1197480	49.360	ug/l	0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.686	95	567175	65.686	ug/l	0.01
Spiked Amount	50.000	Range	83 - 123	Recovery	=	131.380%#

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	3600	Below Cal		93
5) Bromomethane	2.787	94	3074	0.462 ug/l #		64
6) Chloroethane	2.963	64	3393	Below Cal		95
10) Methyl Iodide	4.345	142	2078	0.313 ug/l #		73
11) Tert butyl alcohol	5.292	59	142716	80.314 ug/l		99
13) Acrolein	3.981	56	12638	7.174 ug/l		96
14) Allyl chloride	4.775	41	1569205	153.006 ug/l #		31
15) Acrylonitrile	5.469	53	2341	0.476 ug/l #		1
16) Acetone	4.216	43	6068700	1371.289 ug/l		99
18) Methyl Acetate	4.516	43	801536	72.799 ug/l #		48
20) Methylene Chloride	5.004	84	30687	2.178 ug/l		94
25) 2-Butanone	7.257	43	1699921	247.342 ug/l		98
26) 2,2-Dichloropropane	7.251	77	3246	0.310 ug/l #		53
28) Bromochloromethane	7.610	49	16487	2.885 ug/l #		8
29) Tetrahydrofuran	7.604	42	8174339	1881.192 ug/l		94
31) Cyclohexane	8.016	56	11100	0.905 ug/l #		1
36) 1,1-Dichloropropene	8.022	75	41980	4.778 ug/l #		49
37) Ethyl Acetate	7.333	43	438613	37.904 ug/l		99
38) Carbon Tetrachloride	8.022	117	57954	6.494 ug/l #		16
39) Methylcyclohexane	9.392	83	9080	0.865 ug/l		87
41) Methacrylonitrile	7.604	41	4648646	887.792 ug/l #		35
42) 1,2-Dichloroethane	8.486	62	3817	0.397 ug/l #		74
43) Isopropyl Acetate	8.498	43	753980	48.240 ug/l #		71
47) Bromodichloromethane	9.498	83	13403	1.411 ug/l #		1
48) Methyl methacrylate	9.498	41	3081019	450.344 ug/l		93
49) 1,4-Dioxane	9.516	88	2427	12.585 ug/l #		25
51) 4-Methyl-2-Pentanone	10.316	43	13480233	1202.502 ug/l		96
53) t-1,3-Dichloropropene	10.557	75	35309	3.762 ug/l #		79
54) cis-1,3-Dichloropropene	10.222	75	72178	6.825 ug/l #		57
55) 1,1,2-Trichloroethane	10.821	97	95737	13.173 ug/l #		21
56) Ethyl methacrylate	10.727	69	20478	2.044 ug/l #		28
57) 1,3-Dichloropropane	11.045	76	10205	0.828 ug/l #		57
58) 2-Chloroethyl Vinyl ether	10.022	63	223	9.982 ug/l #		1
59) 2-Hexanone	11.033	43	545454	64.222 ug/l		68
64) Tetrachloroethene	10.921	164	11640	1.332 ug/l		93
65) Chlorobenzene	11.745	112	31409	1.345 ug/l		96

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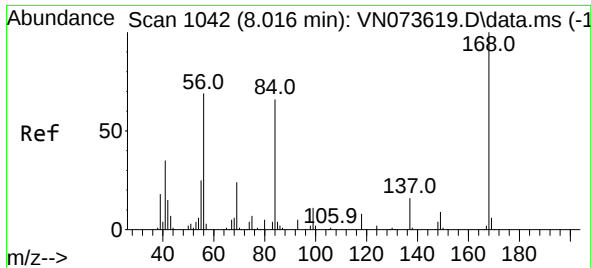
Quant Time: Aug 14 02:37:01 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,1,1,2-Tetrachloroethane	11.745	131	48236	5.757	ug/l #	60
68) m/p-Xylenes	11.792	106	14512481	965.579	ug/l #	1
70) Styrene	12.245	104	3304439	140.877	ug/l #	1
73) Isopropylbenzene	12.539	105	1399188	29.132	ug/l	99
74) N-amyl acetate	12.433	43	291339	16.055	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.739	83	96144	5.188	ug/l #	25
76) 1,2,3-Trichloropropane	12.927	75	147262	9.651	ug/l #	1
78) n-propylbenzene	12.868	91	3727299	68.972	ug/l	97
79) 2-Chlorotoluene	12.927	91	1730971	51.320	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.004	105	6284500	159.003	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.521	75	5031942	993.908	ug/l #	20
82) 4-Chlorotoluene	13.004	91	609490	19.066	ug/l #	40
83) tert-Butylbenzene	13.315	119	3766099	107.576	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.304	105	19635572	505.235	ug/l	66
85) sec-Butylbenzene	13.304	105	19635572	405.810	ug/l #	56
86) p-Isopropyltoluene	13.504	119	456975	11.980	ug/l	97
89) n-Butylbenzene	13.880	91	90124	2.904	ug/l #	76
90) Hexachloroethane	14.157	117	56111	7.414	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.586	75	212148	56.972	ug/l #	1
95) Naphthalene	15.433	128	1577891	42.324	ug/l	100

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

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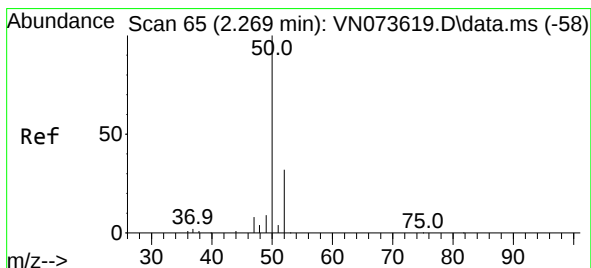
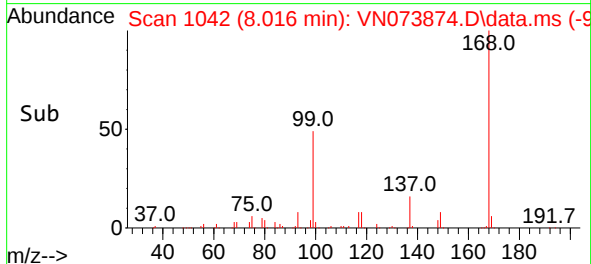
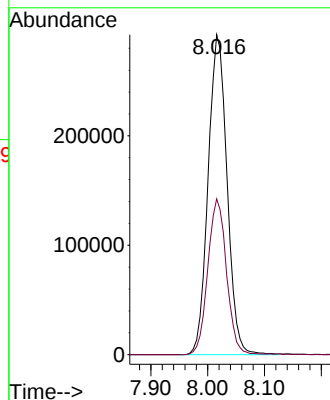
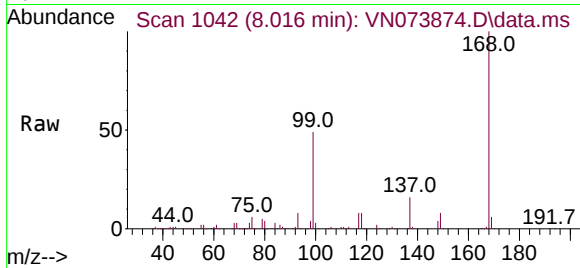




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073874.D
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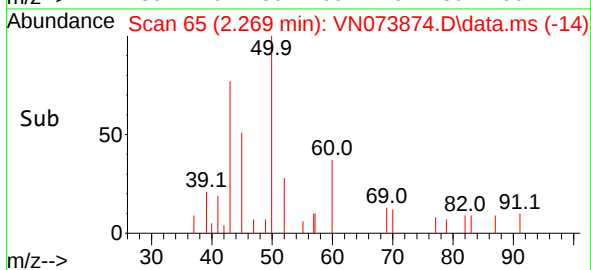
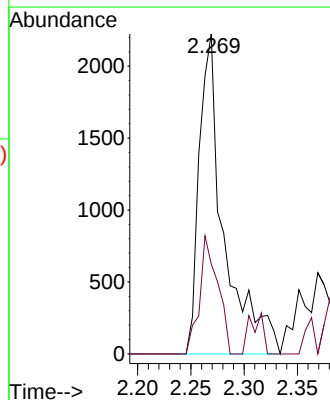
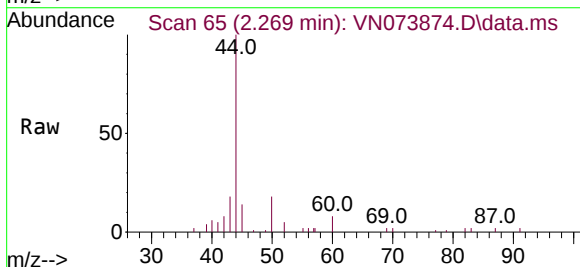
Instrument :
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11261RE

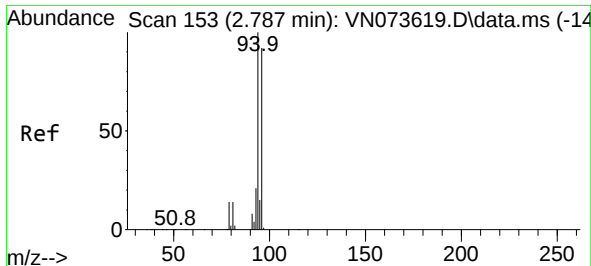
Tgt Ion:168 Resp: 676116
Ion Ratio Lower Upper
168 100
99 48.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 50 Resp: 3600
Ion Ratio Lower Upper
50 100
52 28.1 25.7 38.5

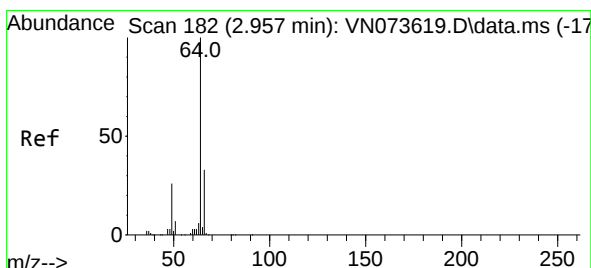
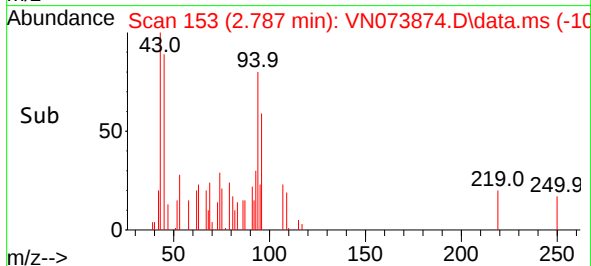
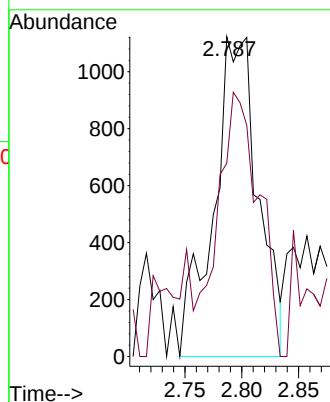
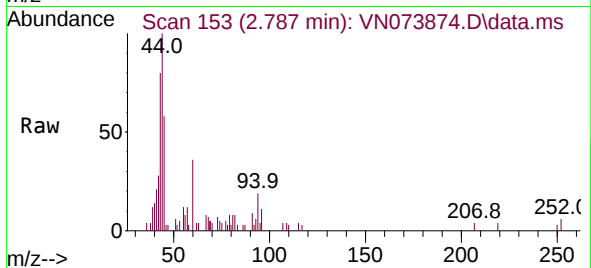




#5
Bromomethane
Concen: 0.462 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

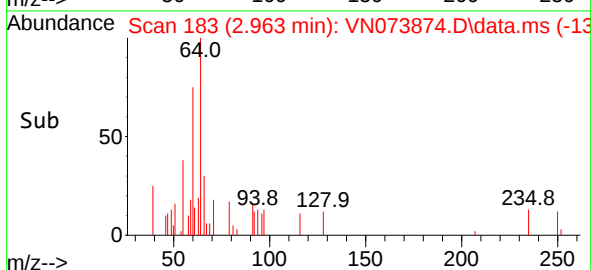
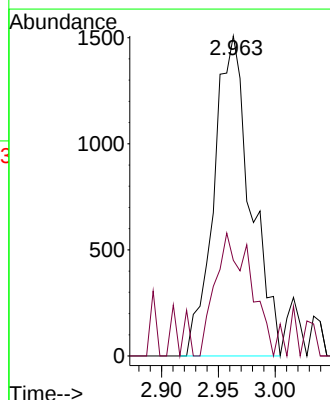
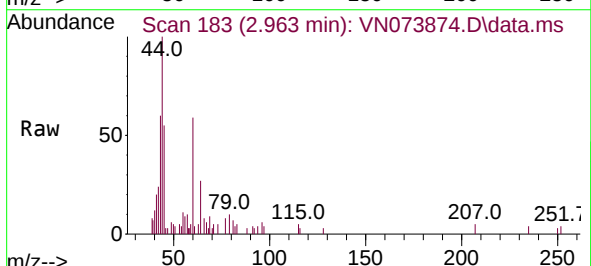
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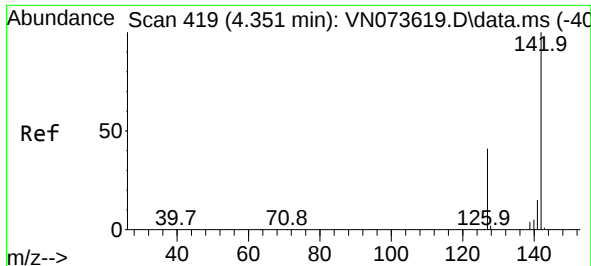
Tgt Ion: 94 Resp: 3074
Ion Ratio Lower Upper
94 100
96 60.5 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 64 Resp: 3393
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.4

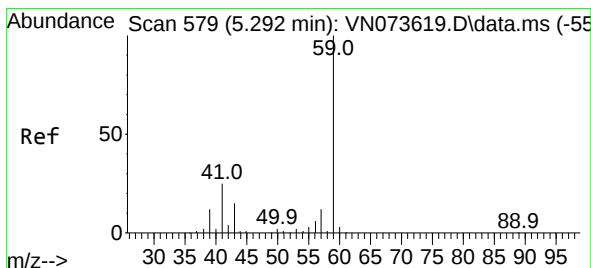
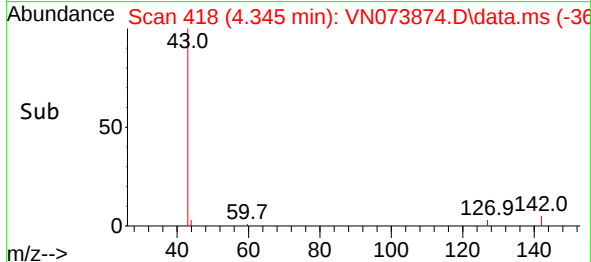
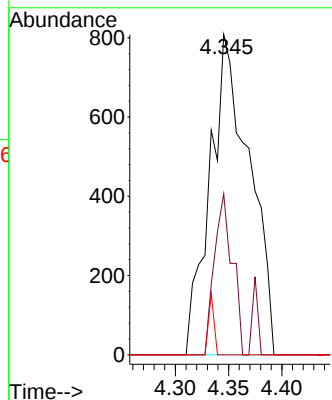
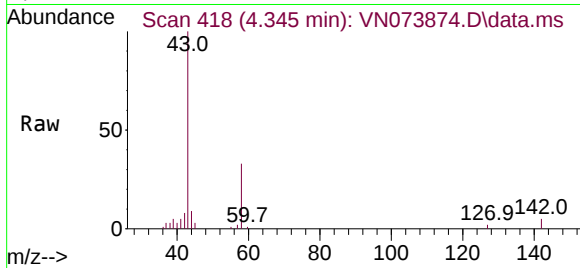




#10
Methyl Iodide
Concen: 0.313 ug/l
RT: 4.345 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

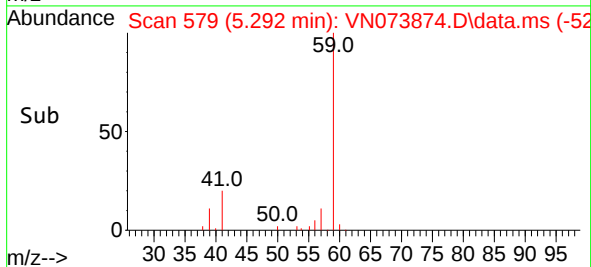
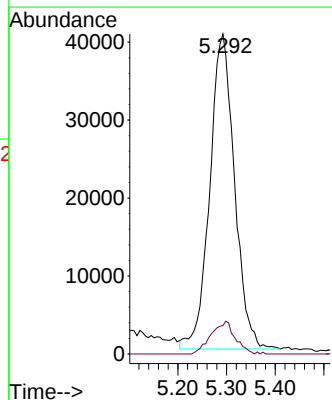
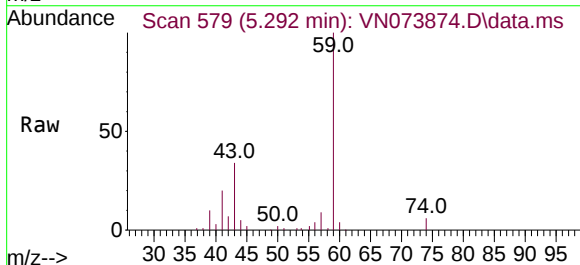
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ClientSampleId :
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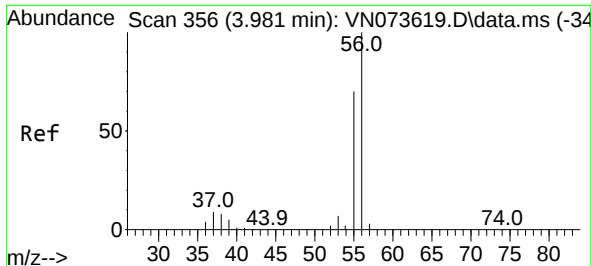
Tgt Ion:142 Resp: 2078
Ion Ratio Lower Upper
142 100
127 23.1 31.3 46.9#
141 2.6 11.2 16.8#



#11
Tert butyl alcohol
Concen: 80.314 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 59 Resp: 142716
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5





#13

Acrolein

Concen: 7.174 ug/l

RT: 3.981 min Scan# 356

Delta R.T. -0.000 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

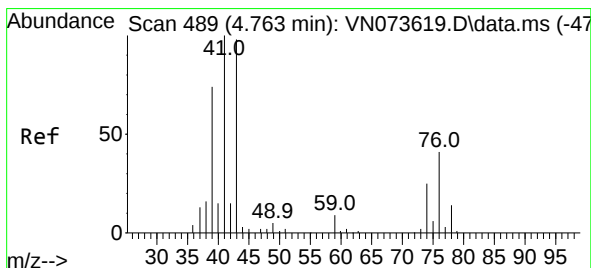
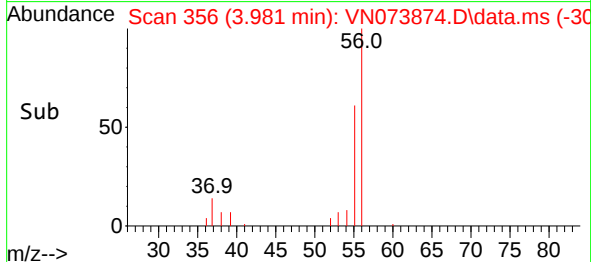
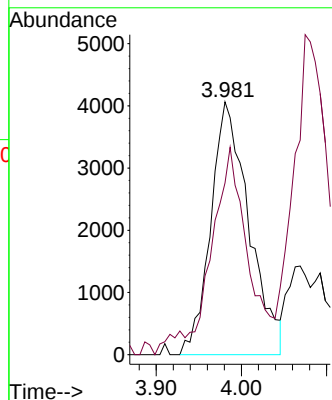
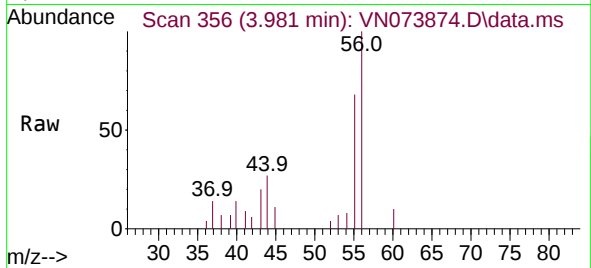
11261RE

Tgt Ion: 56 Resp: 12638

Ion Ratio Lower Upper

56 100

55 64.9 54.8 82.2



#14

Allyl chloride

Concen: 153.006 ug/l

RT: 4.775 min Scan# 491

Delta R.T. 0.012 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

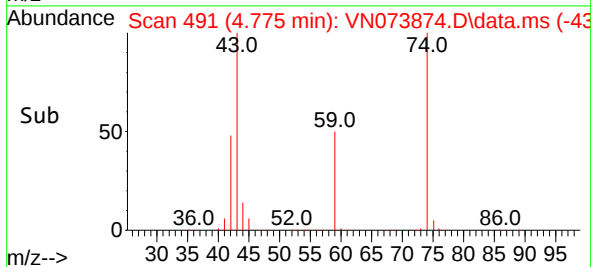
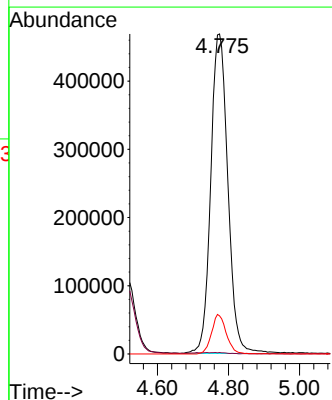
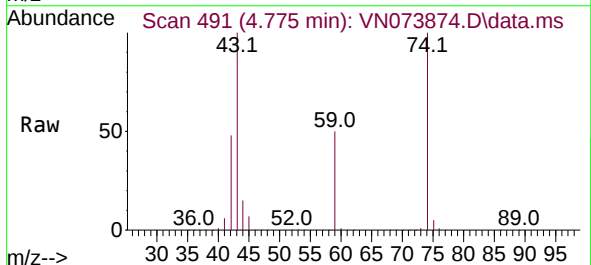
Tgt Ion: 41 Resp: 1569205

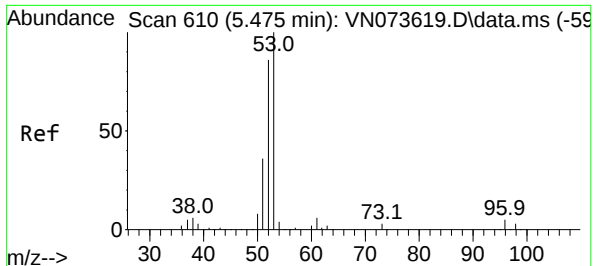
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 10.6 29.9 44.9#

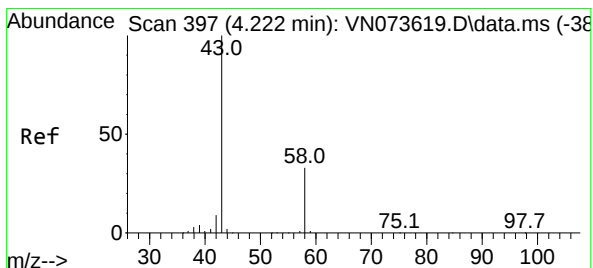
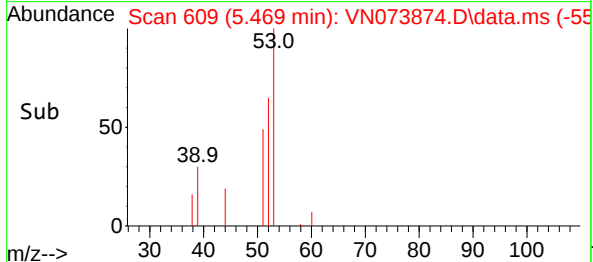
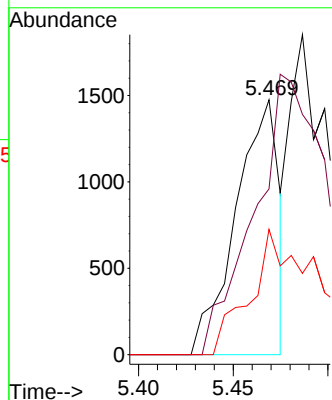
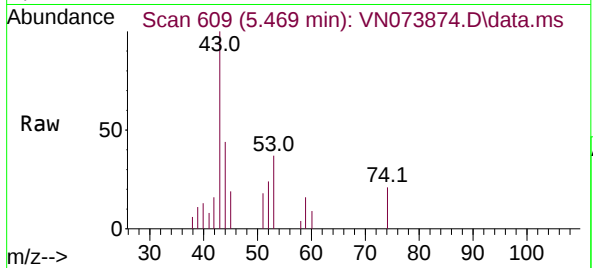




#15
Acrylonitrile
Concen: 0.476 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073874.D
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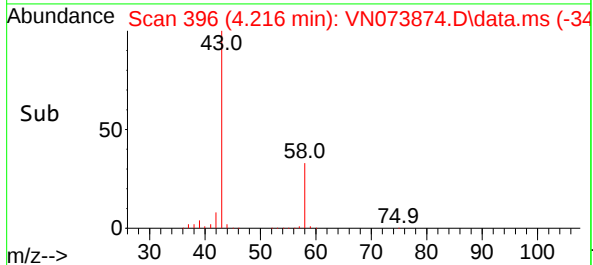
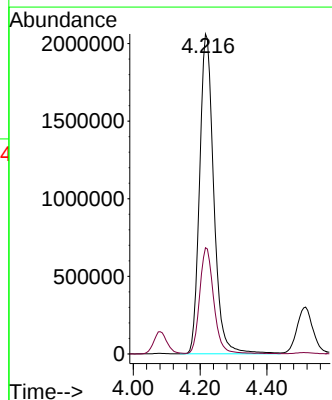
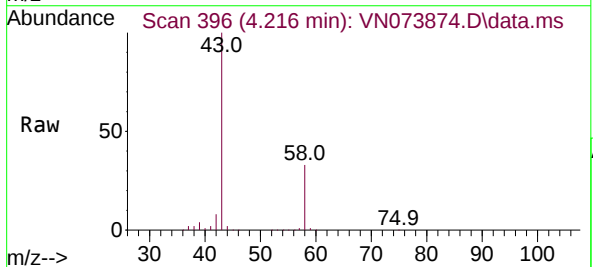
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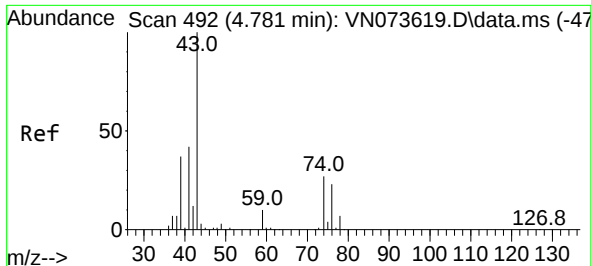
Tgt Ion: 53 Resp: 2341
Ion Ratio Lower Upper
53 100
52 195.6 66.4 99.6#
51 83.0 28.5 42.7#



#16
Acetone
Concen: 1371.289 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 43 Resp: 6068700
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0

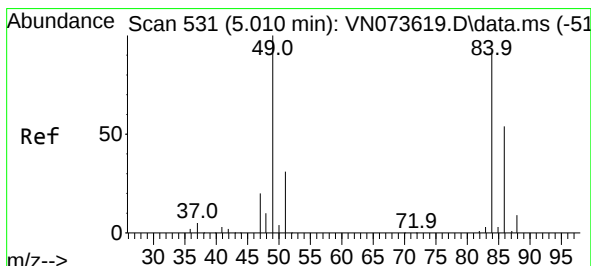
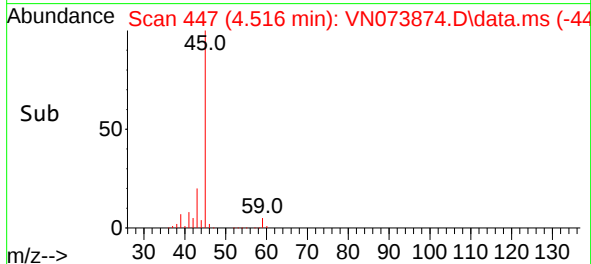
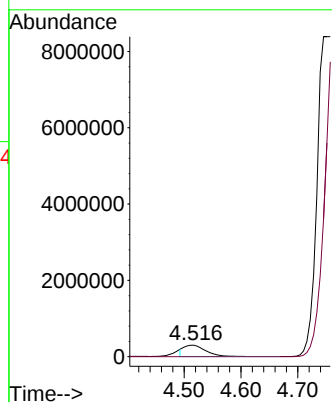
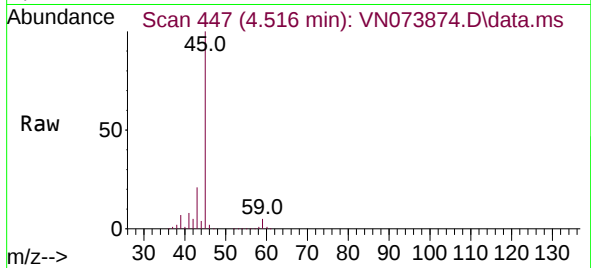




#18
Methyl Acetate
Concen: 72.799 ug/l
RT: 4.516 min Scan# 447
Delta R.T. -0.265 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

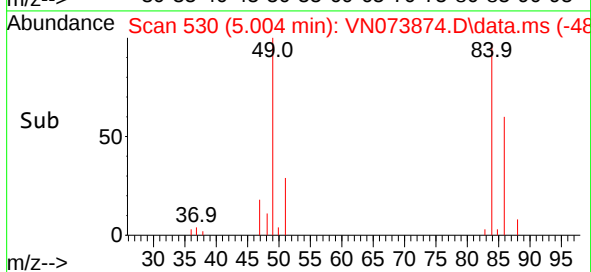
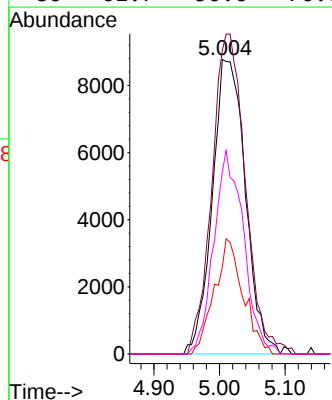
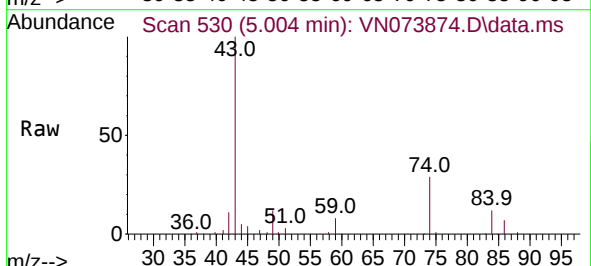
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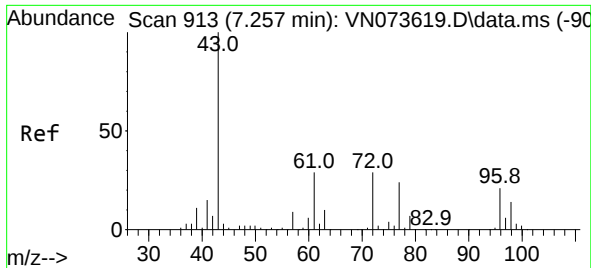
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Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 2.178 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 84 Resp: 30687
Ion Ratio Lower Upper
84 100
49 103.0 88.3 132.5
51 29.4 28.2 42.2
86 61.7 50.6 76.0

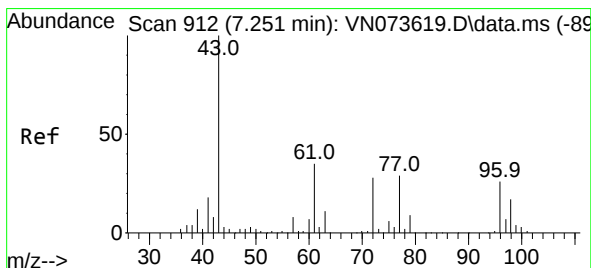
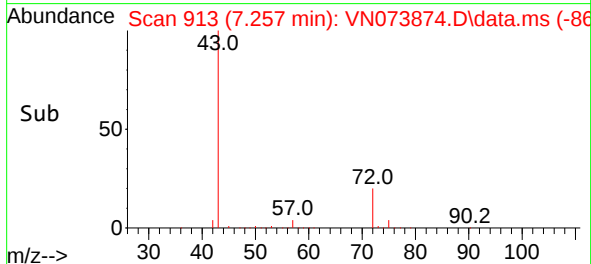
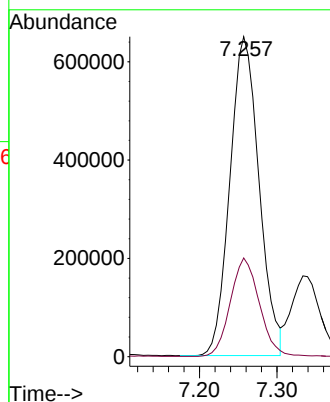
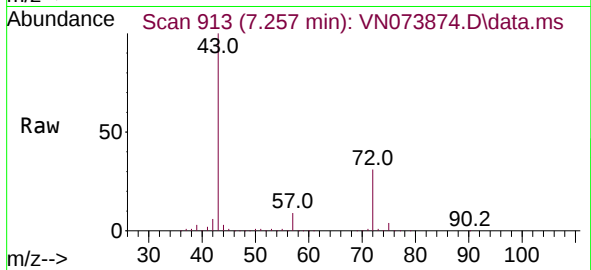




#25
2-Butanone
Concen: 247.342 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

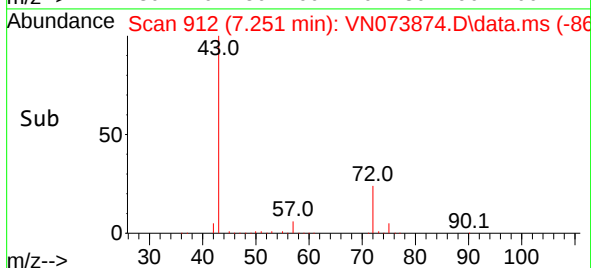
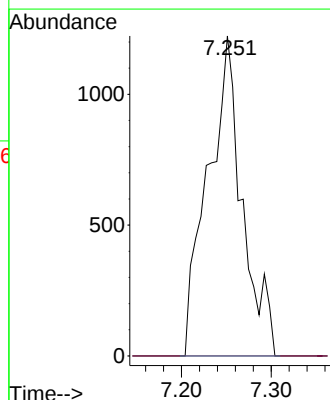
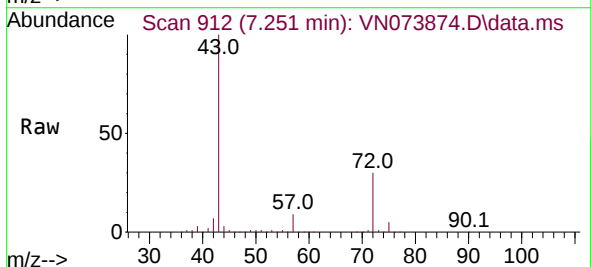
Instrument :
MSVOA_N
ClientSampleId :
11261RE

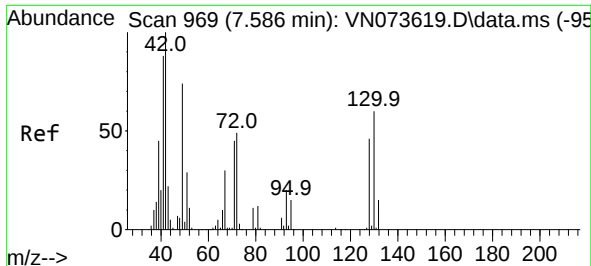
Tgt Ion: 43 Resp: 1699921
Ion Ratio Lower Upper
43 100
72 30.9 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.310 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 77 Resp: 3246
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

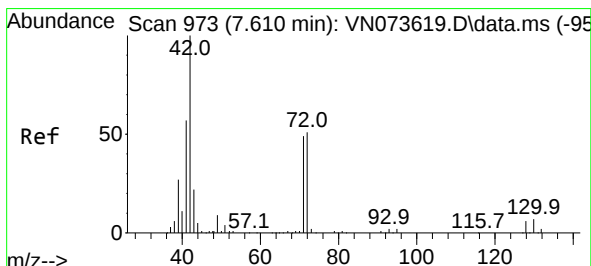
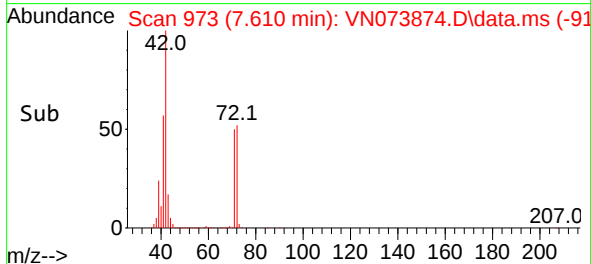
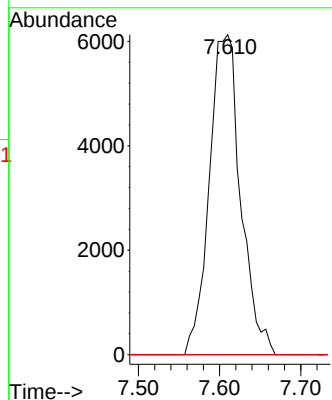
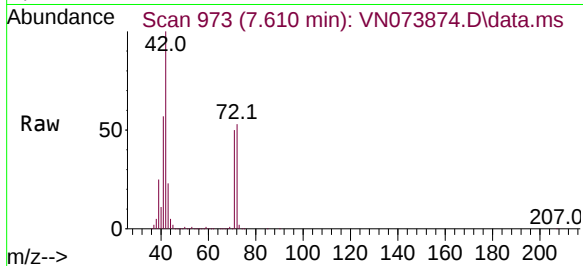




#28
Bromochloromethane
Concen: 2.885 ug/l
RT: 7.610 min Scan# 911
Delta R.T. 0.023 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

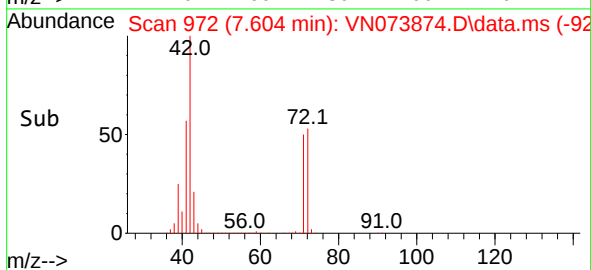
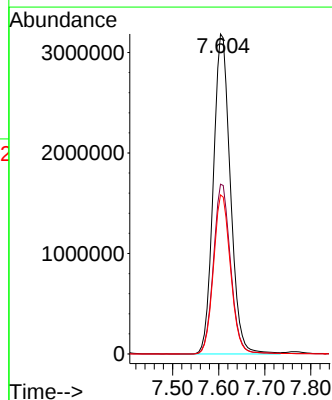
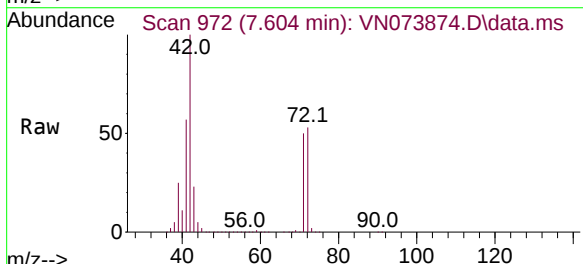
Instrument :
MSVOA_N
ClientSampleId :
11261RE

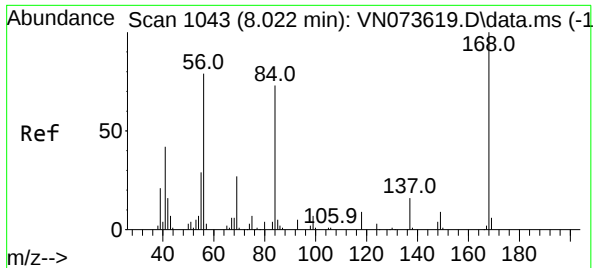
Tgt Ion: 49 Resp: 16487
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 1881.192 ug/l
RT: 7.604 min Scan# 972
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 42 Resp: 8174339
Ion Ratio Lower Upper
42 100
72 53.5 39.7 59.5
71 50.1 36.6 55.0

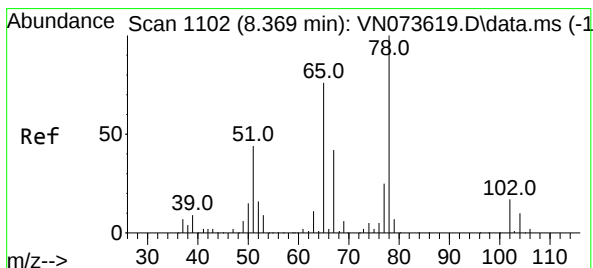
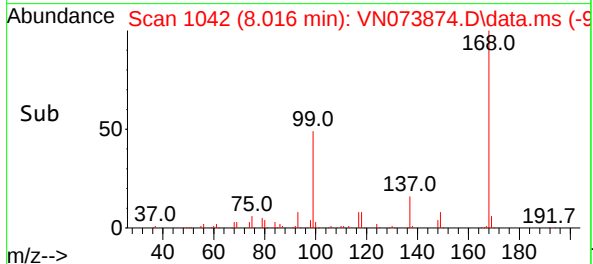
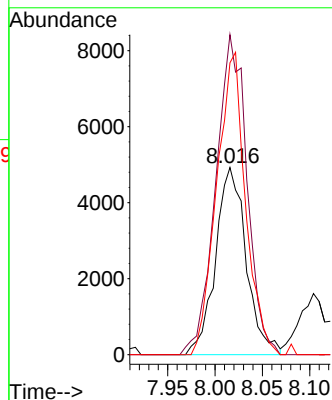
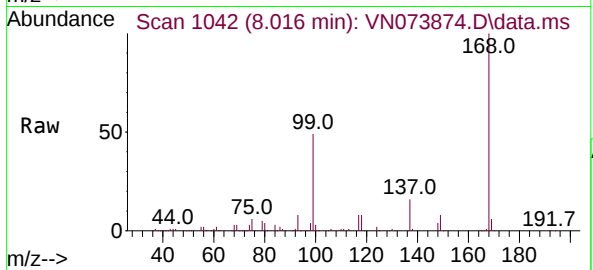




#31
Cyclohexane
Concen: 0.905 ug/l
RT: 8.016 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

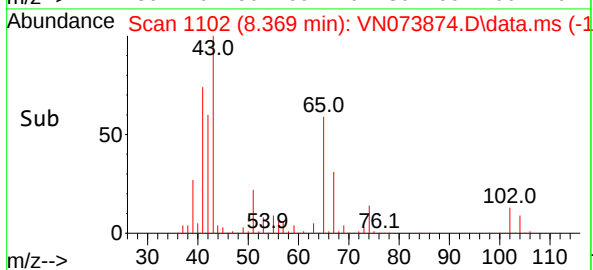
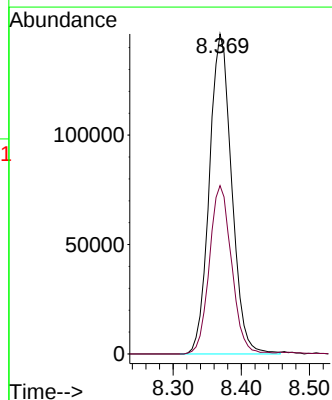
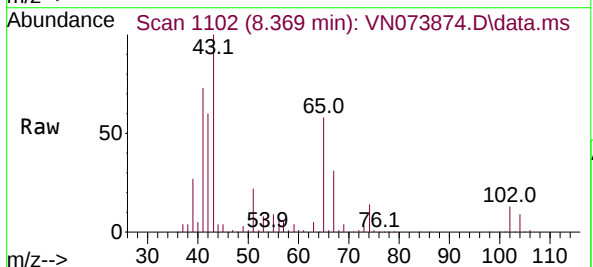
Instrument :
MSVOA_N
ClientSampleId :
11261RE

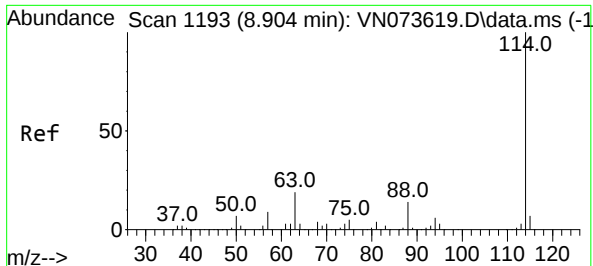
Tgt Ion: 56 Resp: 11100
Ion Ratio Lower Upper
56 100
69 171.0 27.8 41.8#
84 156.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 40.446 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 65 Resp: 333260
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

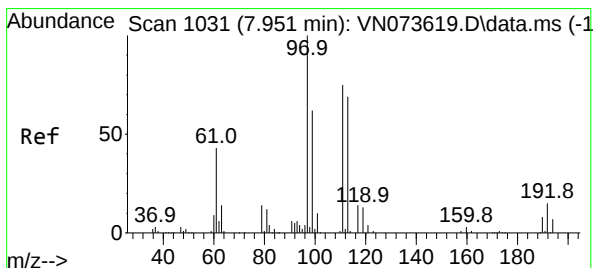
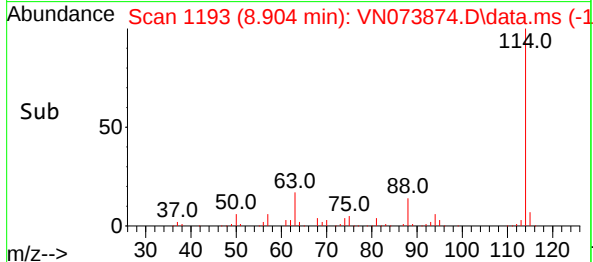
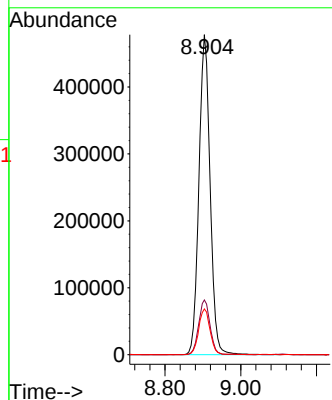
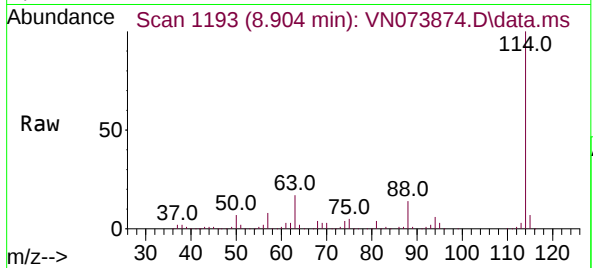




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

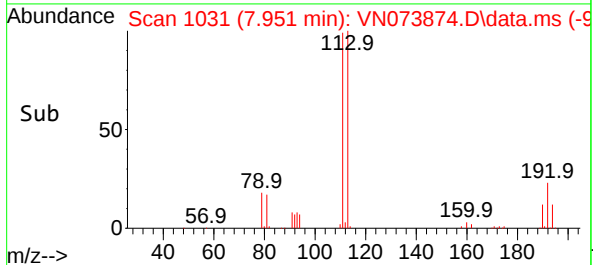
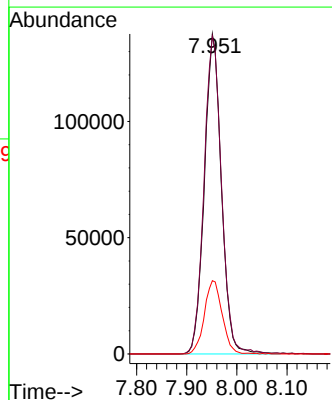
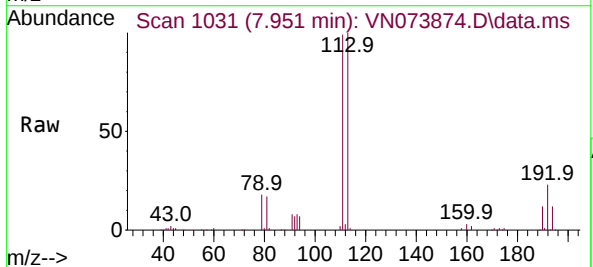
Instrument :
MSVOA_N
ClientSampleId :
11261RE

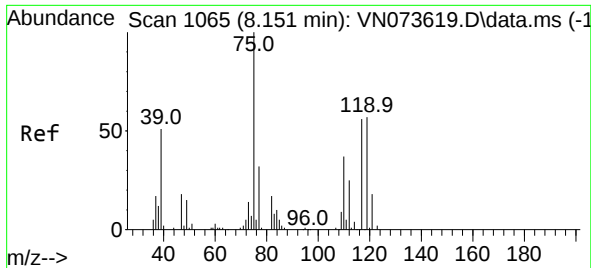
Tgt Ion:114 Resp: 981782
Ion Ratio Lower Upper
114 100
63 17.0 0.0 40.0
88 14.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.701 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion:113 Resp: 324902
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.9 17.0 25.6

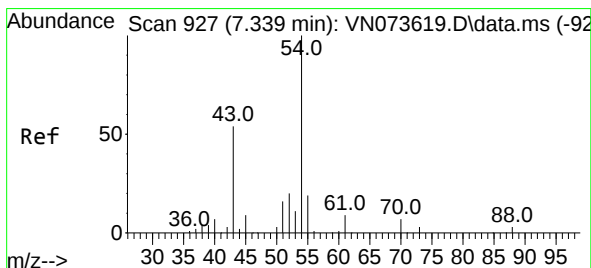
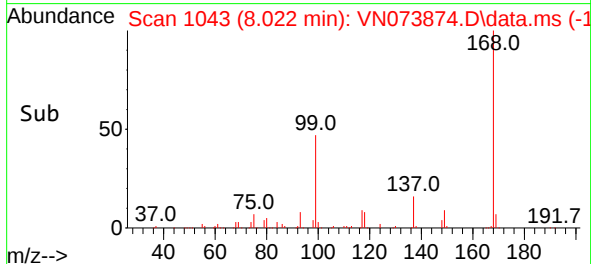
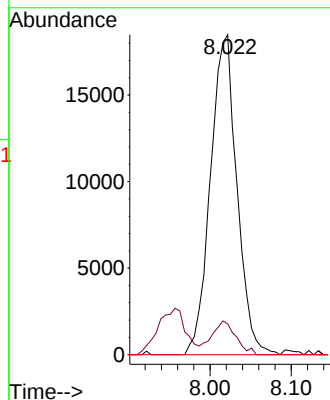
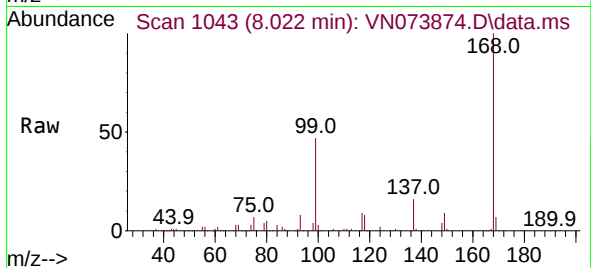




#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

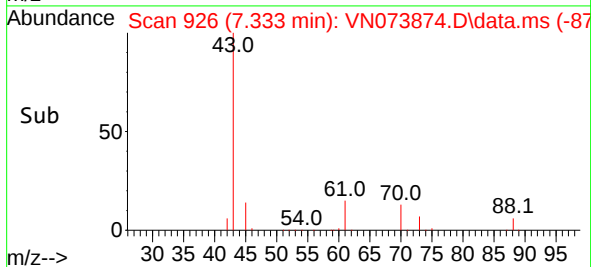
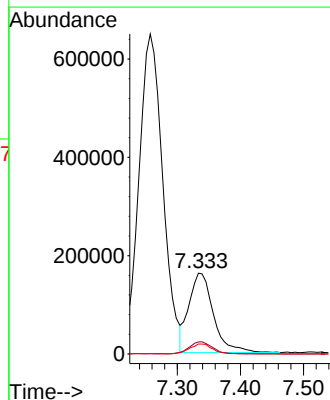
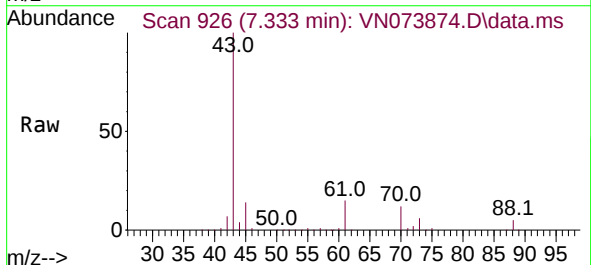
Instrument :
MSVOA_N
ClientSampleId :
11261RE

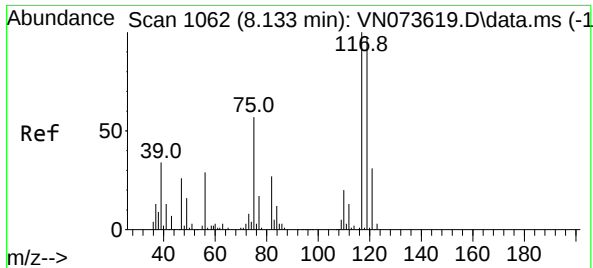
Tgt Ion: 75 Resp: 41980
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 37.904 ug/l
RT: 7.333 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 43 Resp: 438613
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.2 9.3 13.9

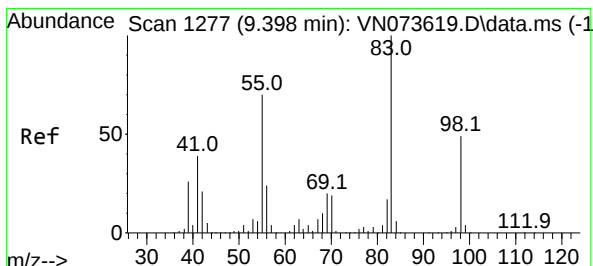
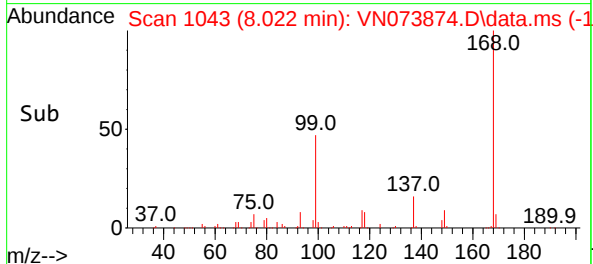
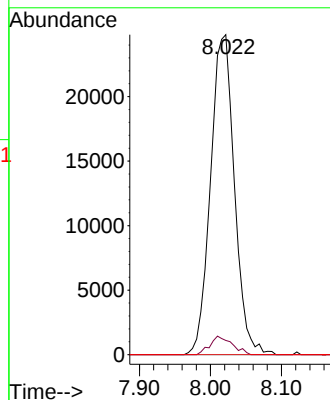
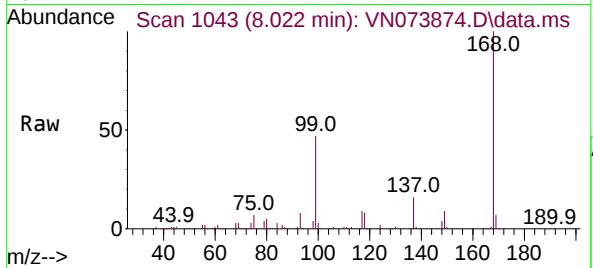




#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 8.022 min Scan# 11
Delta R.T. -0.112 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

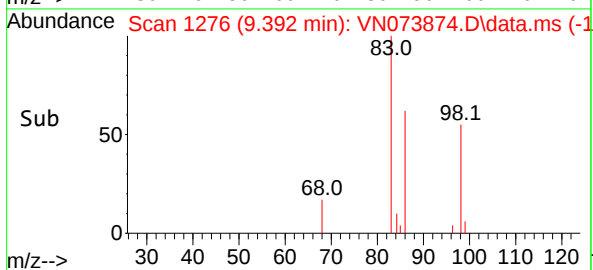
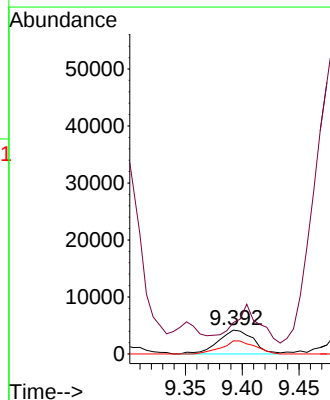
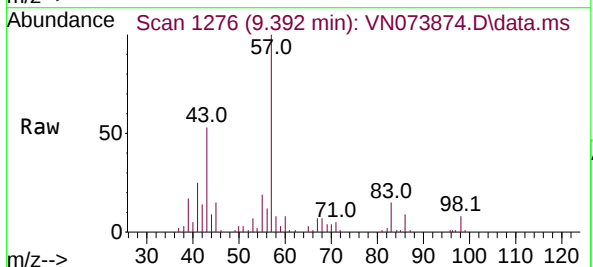
Instrument :
MSVOA_N
ClientSampleId :
11261RE

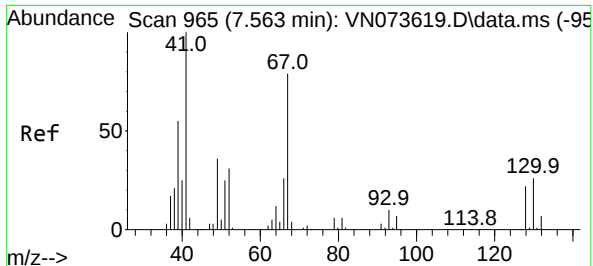
Tgt Ion:117 Resp: 57954
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.865 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 83 Resp: 9080
Ion Ratio Lower Upper
83 100
55 85.2 57.8 86.8
98 55.2 39.4 59.2

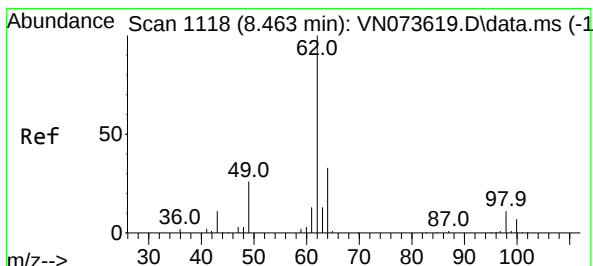
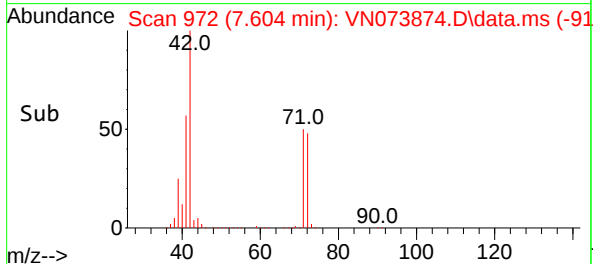
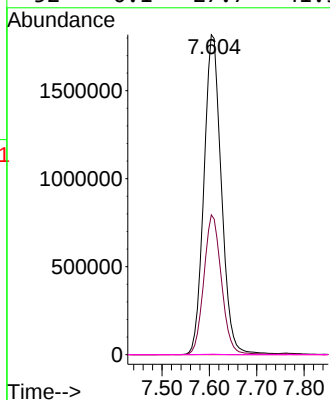
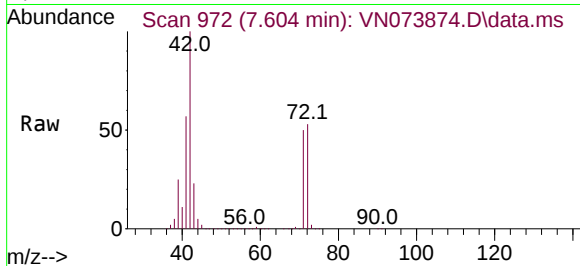




#41
Methacrylonitrile
Concen: 887.792 ug/l
RT: 7.604 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

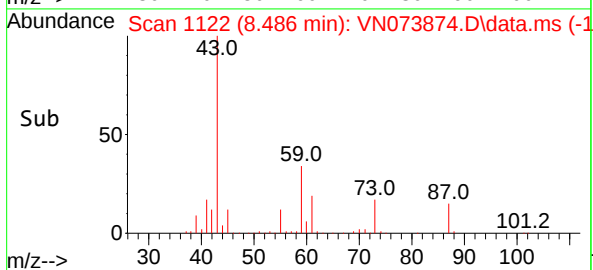
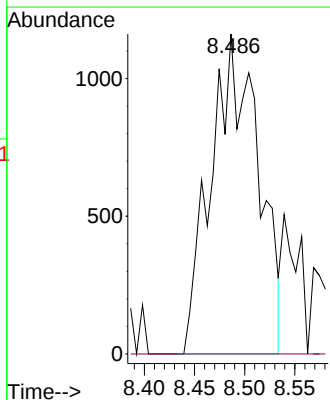
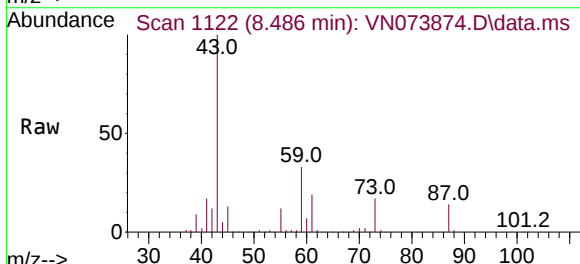
Instrument :
MSVOA_N
ClientSampleId :
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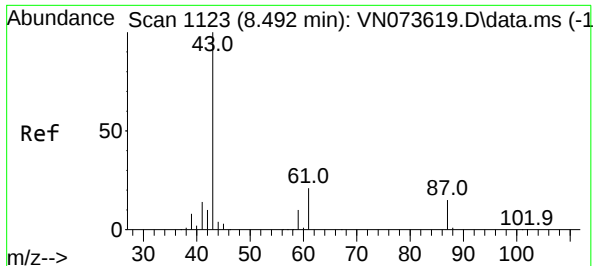
Tgt Ion: 41 Resp: 4648646
Ion Ratio Lower Upper
41 100
39 44.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.1 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.397 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. 0.023 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 62 Resp: 3817
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 48.240 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

11261RE

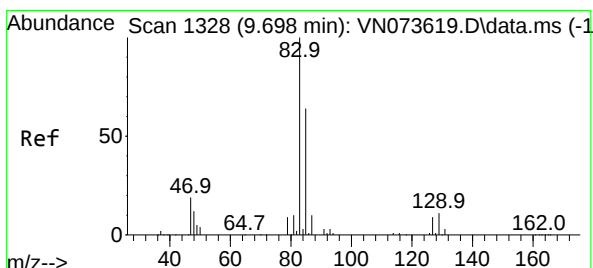
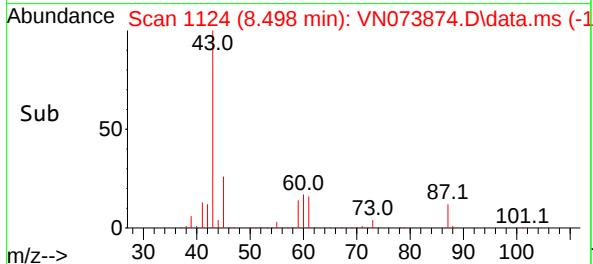
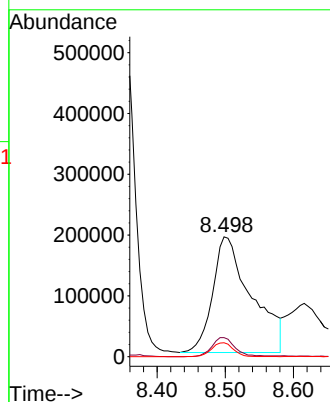
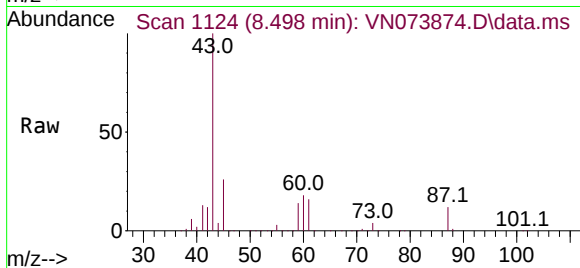
Tgt Ion: 43 Resp: 753980

Ion Ratio Lower Upper

43 100

61 10.0 21.9 32.9#

87 6.8 12.0 18.0#



#47

Bromodichloromethane

Concen: 1.411 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.200 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

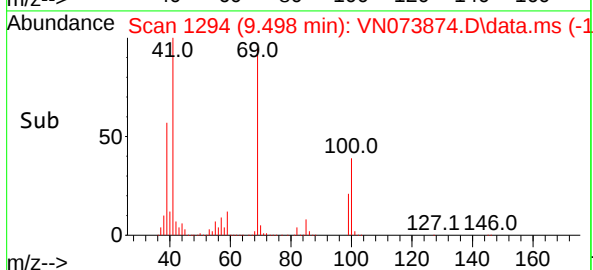
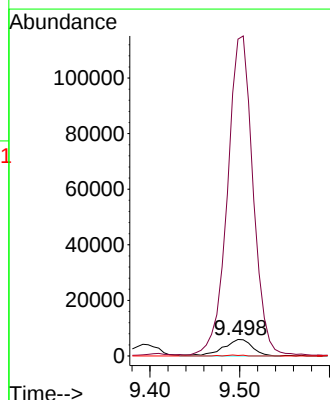
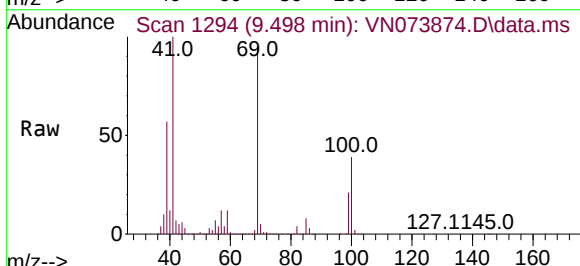
Tgt Ion: 83 Resp: 13403

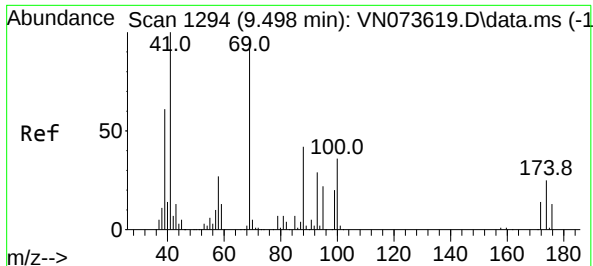
Ion Ratio Lower Upper

83 100

85 1914.6 50.5 75.7#

127 3.2 6.8 10.2#

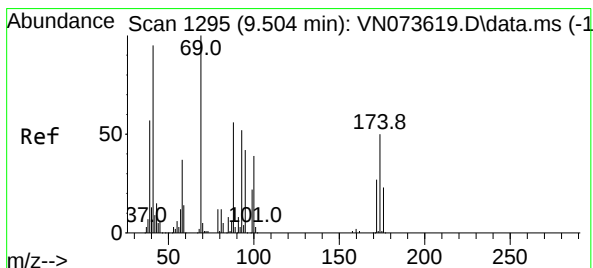
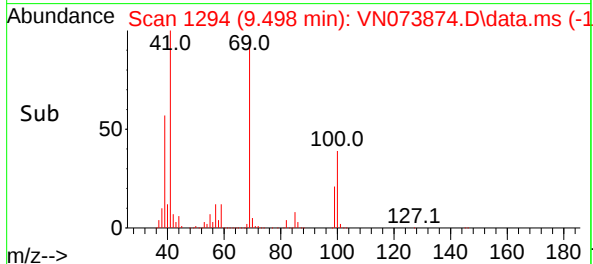
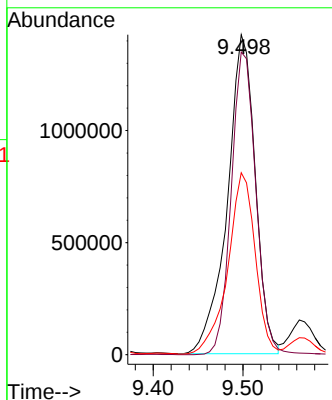
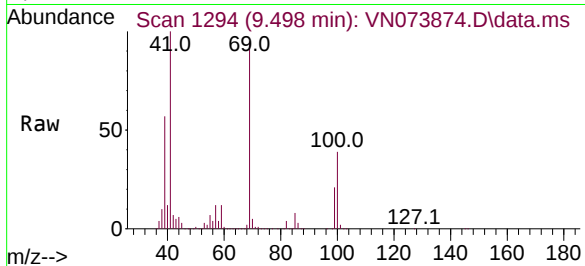




#48
Methyl methacrylate
Concen: 450.344 ug/l
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

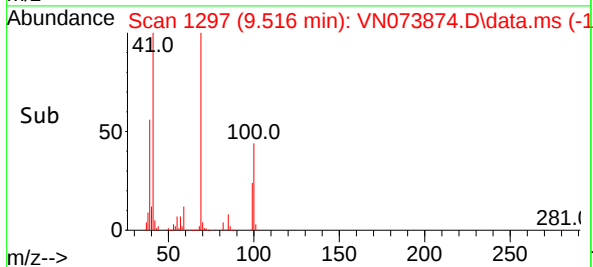
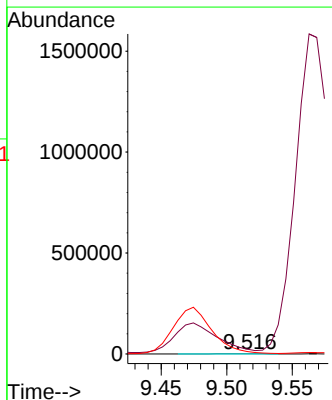
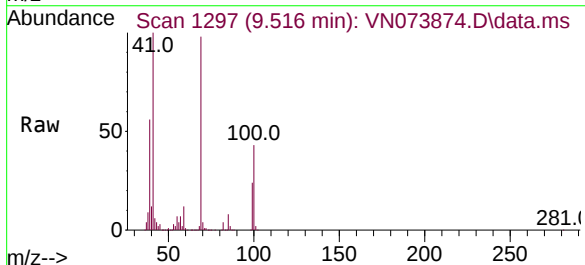
Instrument :
MSVOA_N
ClientSampleId :
11261RE

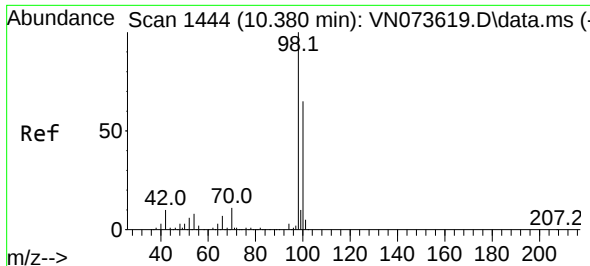
Tgt Ion: 41 Resp: 3081019
Ion Ratio Lower Upper
41 100
69 84.0 74.7 112.1
39 55.6 45.6 68.4



#49
1,4-Dioxane
Concen: 12.585 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 88 Resp: 2427
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#

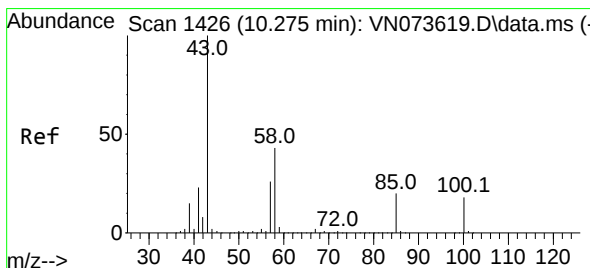
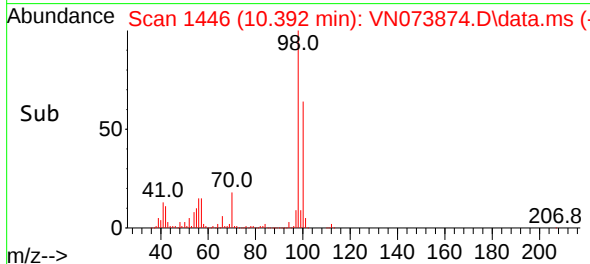
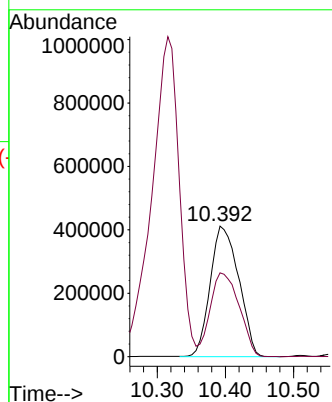
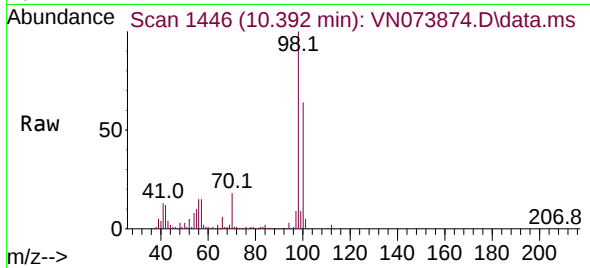




#50
Toluene-d8
Concen: 49.360 ug/l
RT: 10.392 min Scan# 1444
Delta R.T. 0.012 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

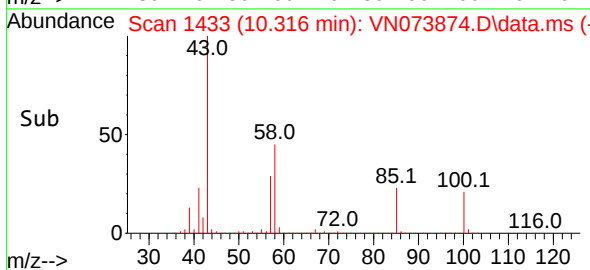
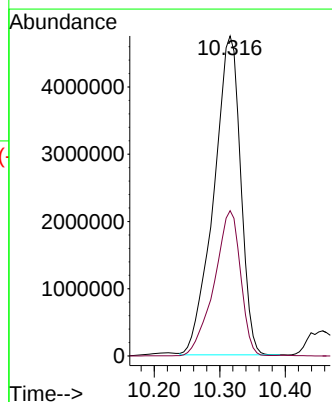
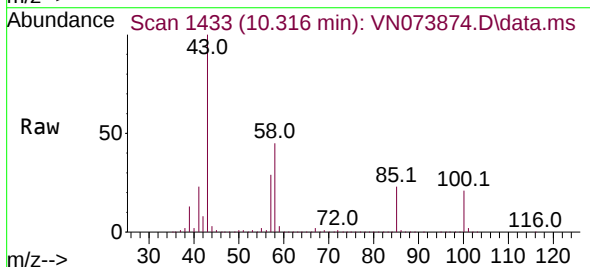
Instrument :
MSVOA_N
ClientSampleId :
11261RE

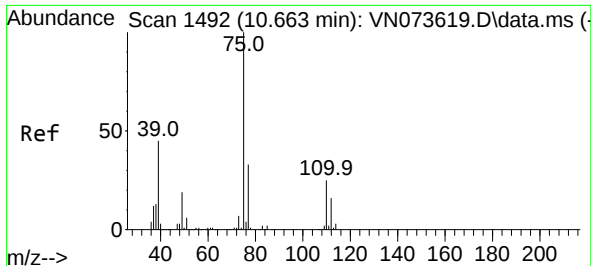
Tgt Ion: 98 Resp: 1197480
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1202.502 ug/l
RT: 10.316 min Scan# 1433
Delta R.T. 0.041 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 43 Resp:13480233
Ion Ratio Lower Upper
43 100
58 44.8 34.1 51.1

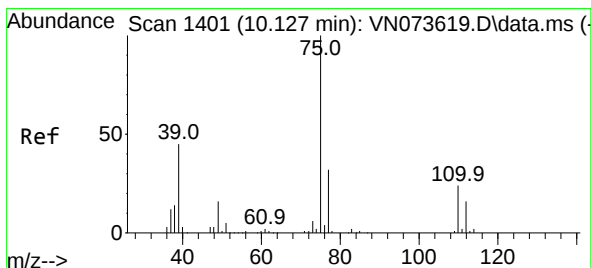
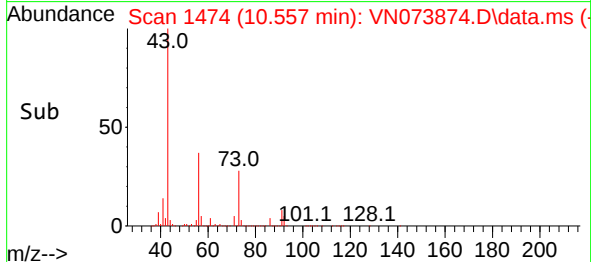
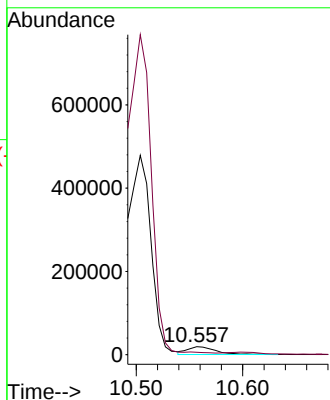
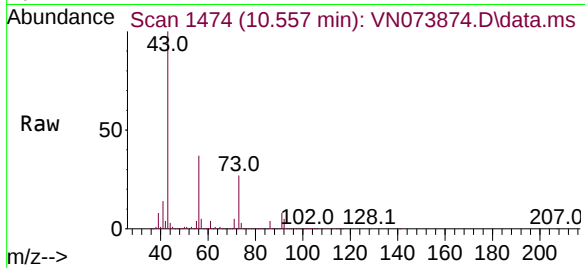




#53
 t-1,3-Dichloropropene
 Concen: 3.762 ug/l
 RT: 10.557 min Scan# 1417
 Delta R.T. -0.106 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

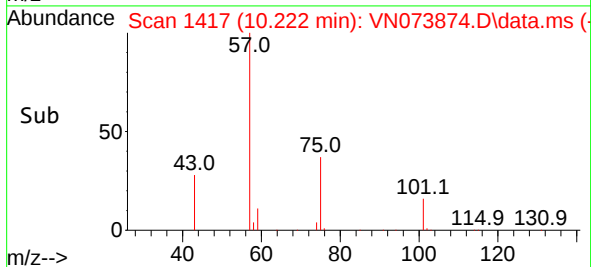
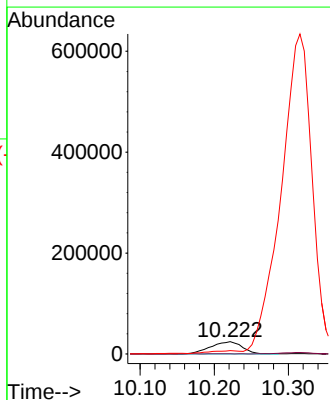
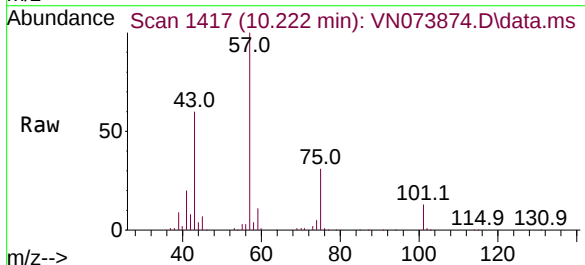
Instrument :
 MSVOA_N
 ClientSampleId :
 11261RE

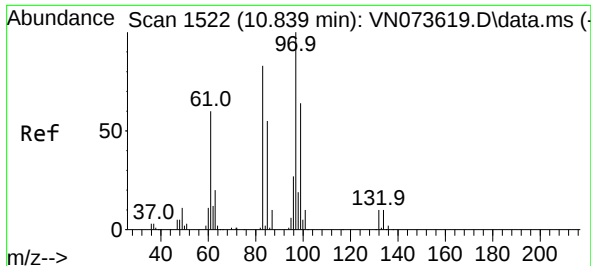
Tgt Ion: 75 Resp: 35309
 Ion Ratio Lower Upper
 75 100
 77 20.4 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 6.825 ug/l
 RT: 10.222 min Scan# 1417
 Delta R.T. 0.094 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

Tgt Ion: 75 Resp: 72178
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.2 37.8#
 39 21.8 35.7 53.5#

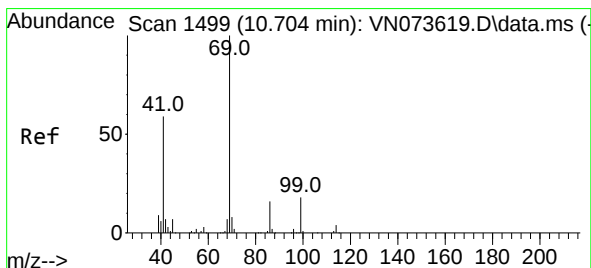
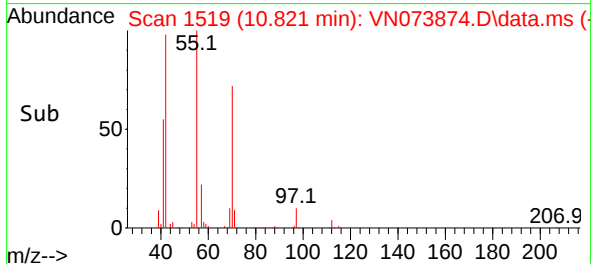
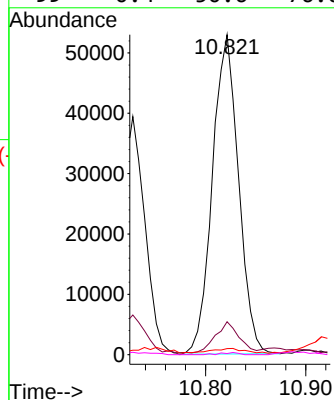
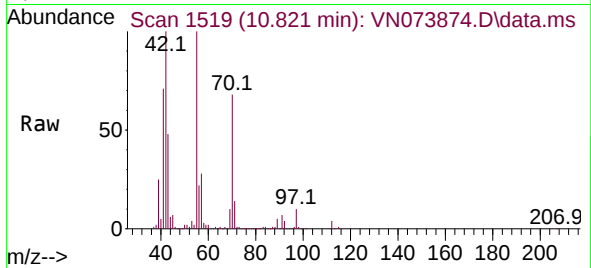




#55
1,1,2-Trichloroethane
Concen: 13.173 ug/l
RT: 10.821 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

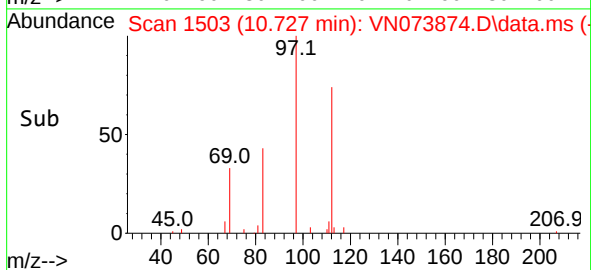
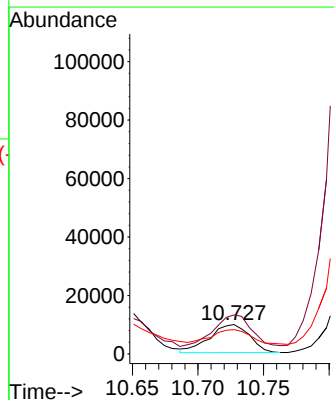
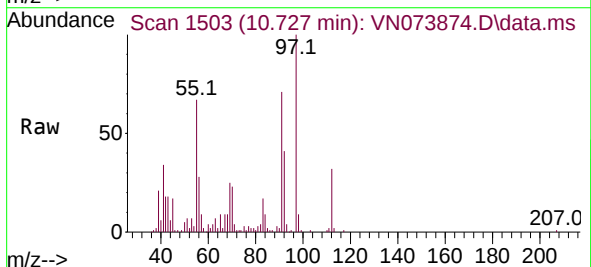
Instrument :
MSVOA_N
ClientSampleId :
11261RE

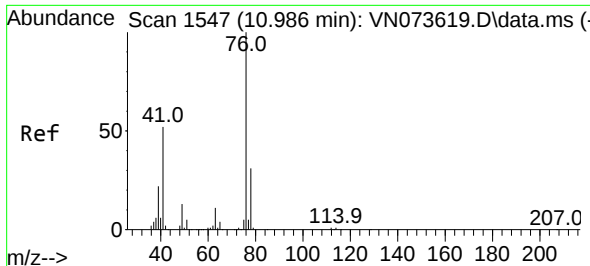
Tgt Ion: 97 Resp: 95737
Ion Ratio Lower Upper
97 100
83 10.3 66.2 99.4#
85 1.4 43.9 65.9#
99 0.4 50.6 76.0#



#56
Ethyl methacrylate
Concen: 2.044 ug/l
RT: 10.727 min Scan# 1503
Delta R.T. 0.023 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 69 Resp: 20478
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#

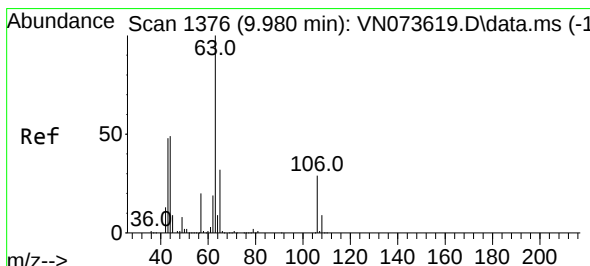
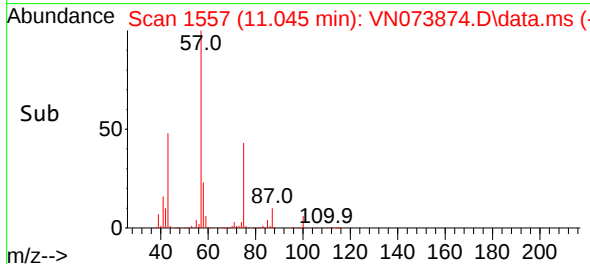
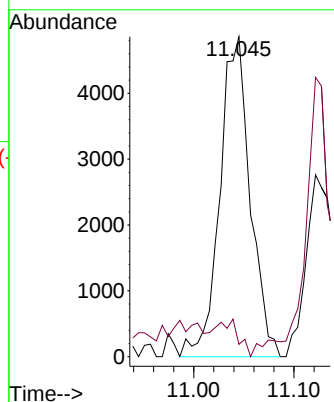
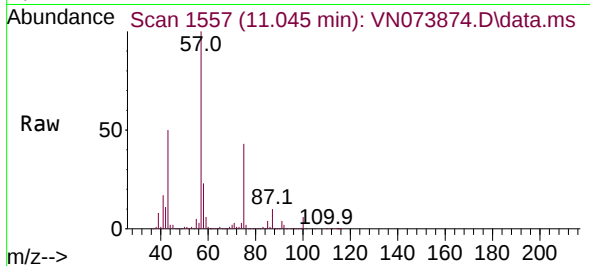




#57
1,3-Dichloropropane
Concen: 0.828 ug/l
RT: 11.045 min Scan# 111
Delta R.T. 0.059 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

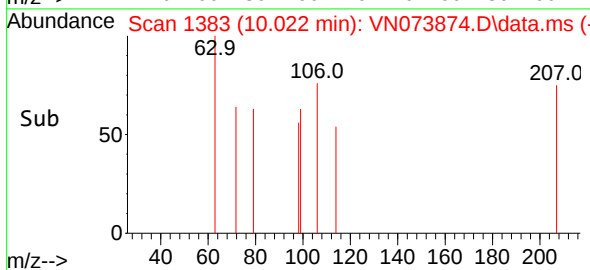
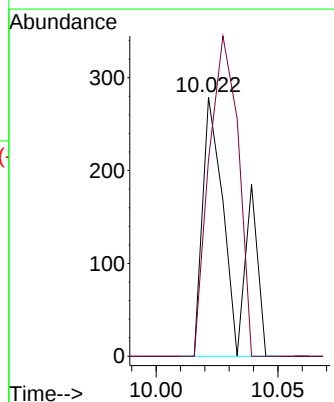
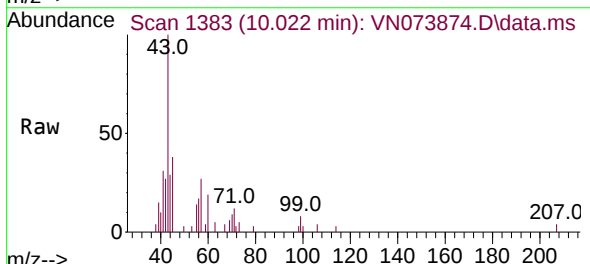
Instrument :
MSVOA_N
ClientSampleId :
11261RE

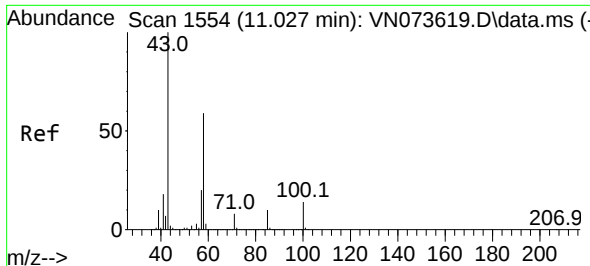
Tgt Ion: 76 Resp: 10205
Ion Ratio Lower Upper
76 100
78 8.4 26.2 39.2#



#58
2-Chloroethyl Vinyl ether
Concen: 9.982 ug/l
RT: 10.022 min Scan# 1383
Delta R.T. 0.042 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 63 Resp: 223
Ion Ratio Lower Upper
63 100
106 128.7 24.6 36.8#

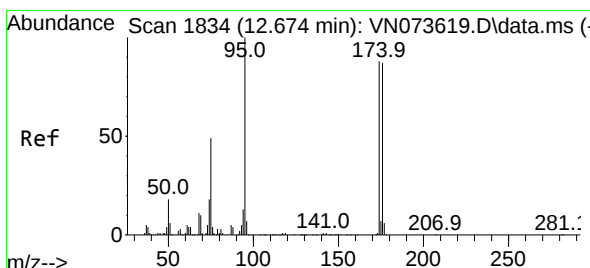
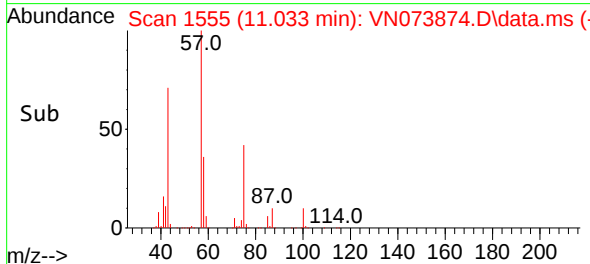
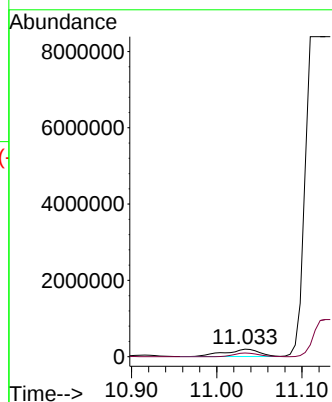
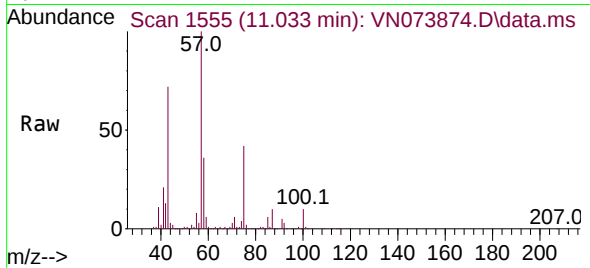




#59
2-Hexanone
Concen: 64.222 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

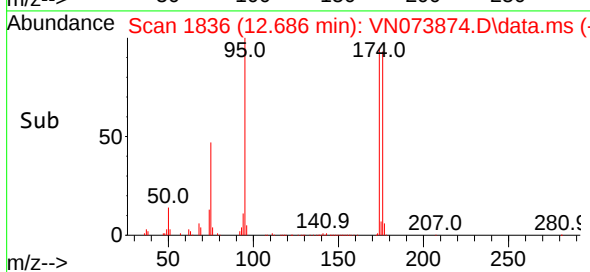
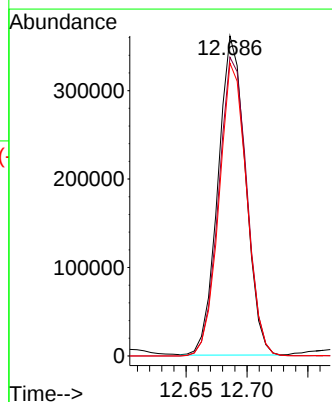
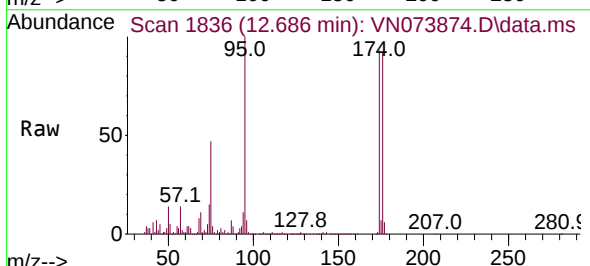
Instrument :
MSVOA_N
ClientSampleId :
11261RE

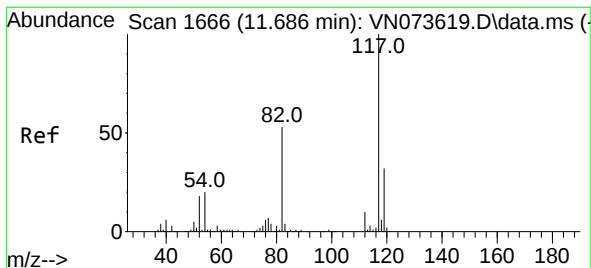
Tgt Ion: 43 Resp: 545454
Ion Ratio Lower Upper
43 100
58 35.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 65.686 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. 0.012 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 95 Resp: 567175
Ion Ratio Lower Upper
95 100
174 95.9 0.0 167.6
176 92.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.692 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

11261RE

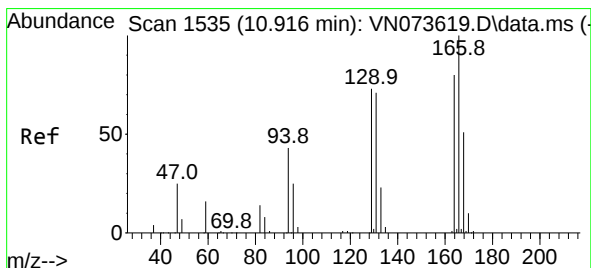
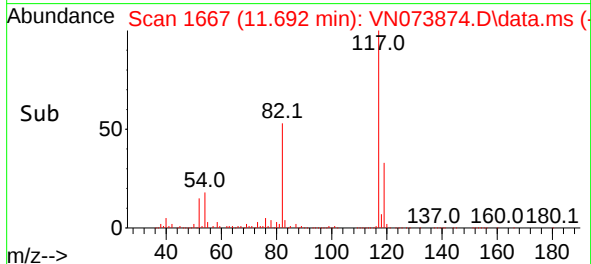
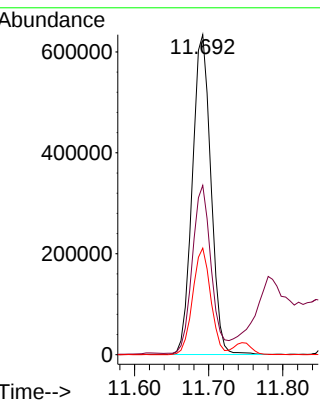
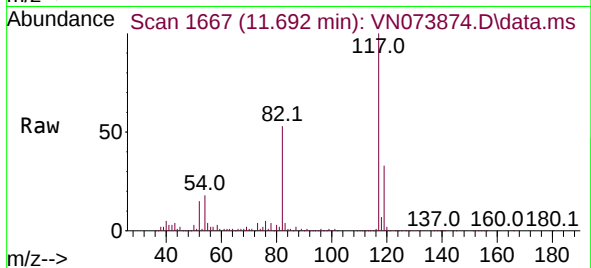
Tgt Ion:117 Resp: 1099699

Ion Ratio Lower Upper

117 100

82 52.5 44.2 66.2

119 33.3 25.4 38.0



#64

Tetrachloroethene

Concen: 1.332 ug/l

RT: 10.921 min Scan# 1536

Delta R.T. 0.006 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Tgt Ion:164 Resp: 11640

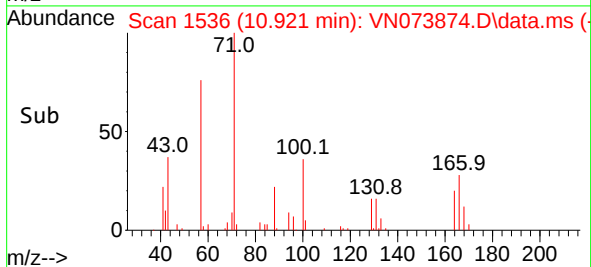
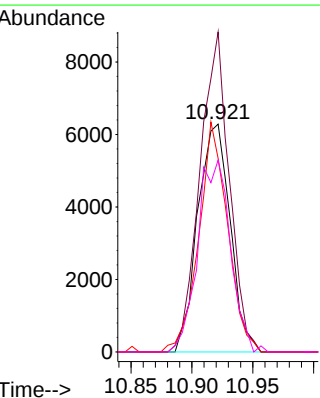
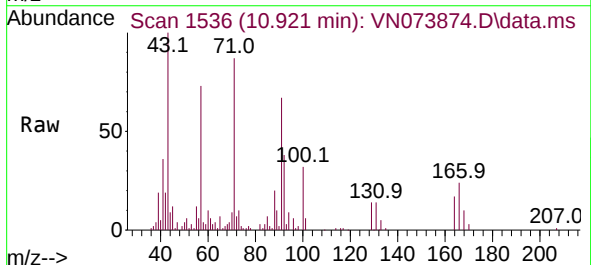
Ion Ratio Lower Upper

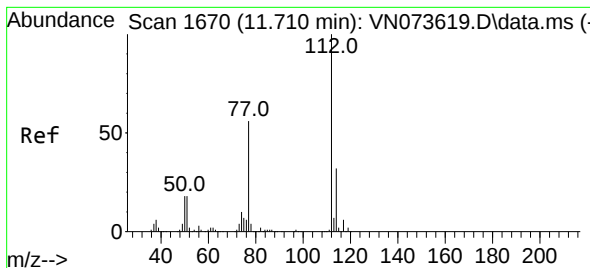
164 100

166 140.5 104.2 156.2

129 85.0 73.9 110.9

131 84.2 69.4 104.2





#65

Chlorobenzene

Concen: 1.345 ug/l

RT: 11.745 min Scan# 1676

Delta R.T. 0.035 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

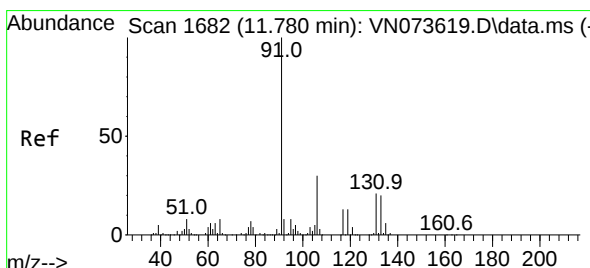
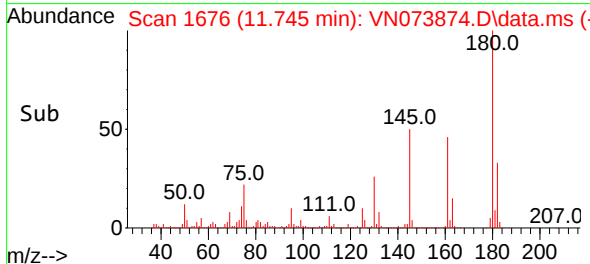
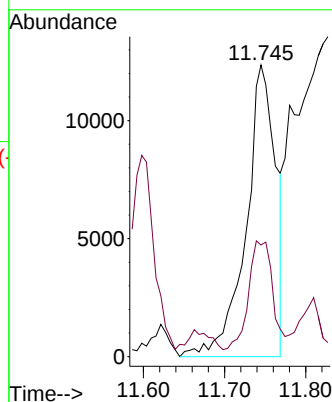
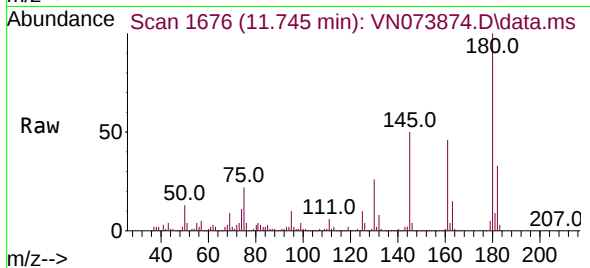
11261RE

Tgt Ion:112 Resp: 31409

Ion Ratio Lower Upper

112 100

114 34.1 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 5.757 ug/l

RT: 11.745 min Scan# 1676

Delta R.T. -0.035 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

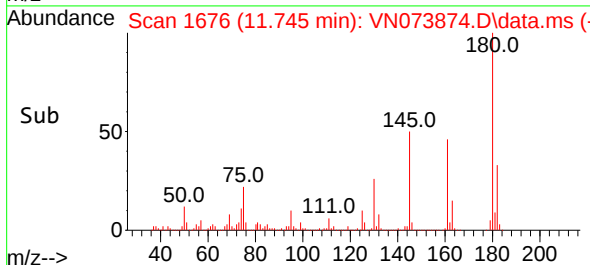
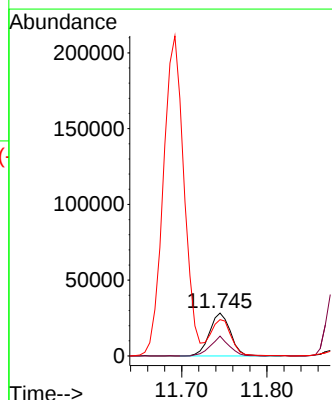
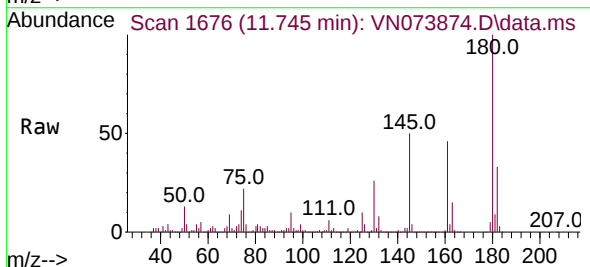
Tgt Ion:131 Resp: 48236

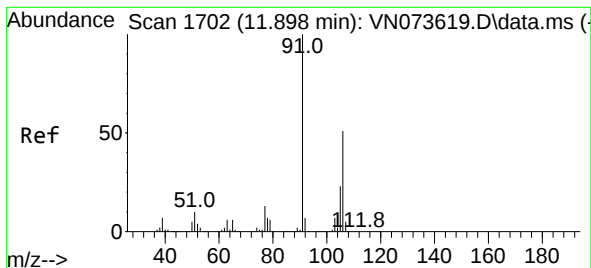
Ion Ratio Lower Upper

131 100

133 40.8 47.8 143.4#

119 80.8 33.4 100.2

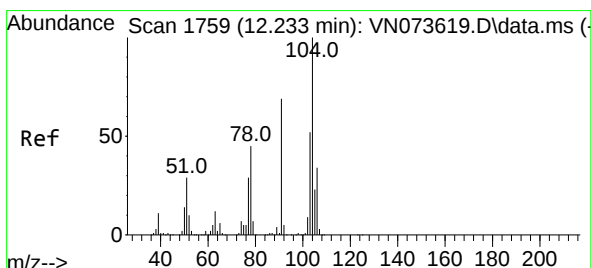
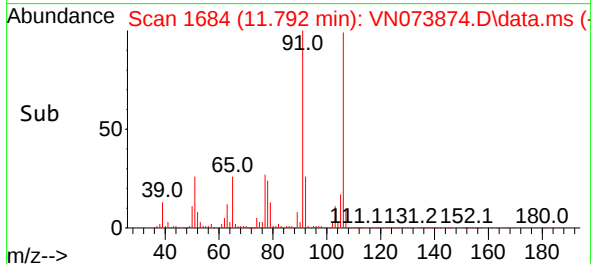
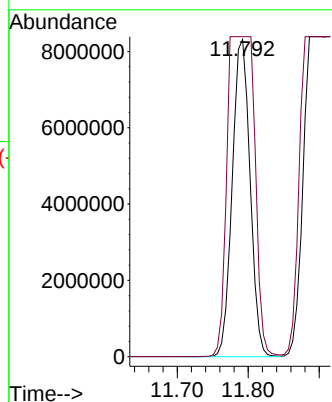
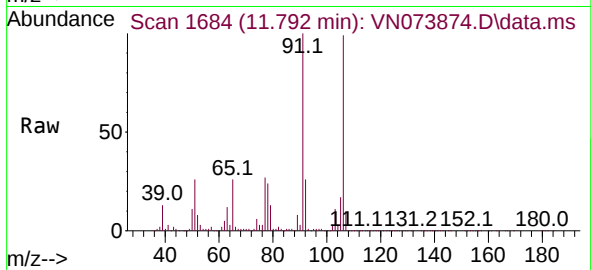




#68
m/p-Xylenes
Concen: 965.579 ug/l
RT: 11.792 min Scan# 11
Delta R.T. -0.106 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

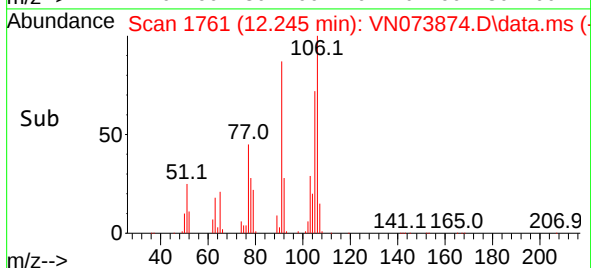
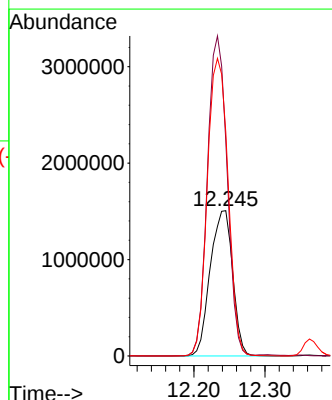
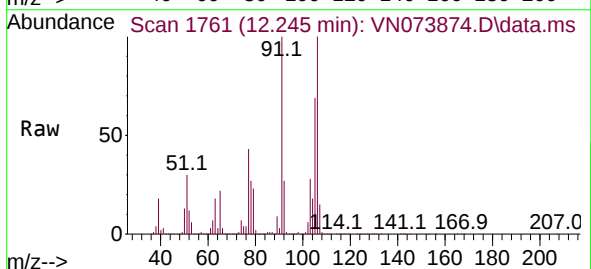
Instrument :
MSVOA_N
ClientSampleId :
11261RE

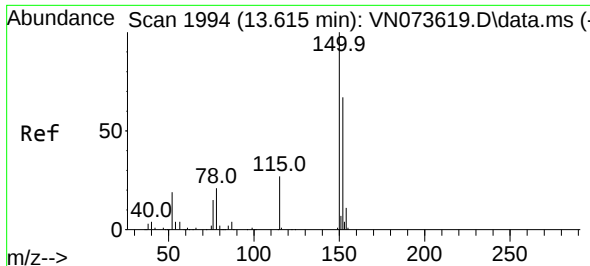
Tgt Ion:106 Resp:14512481
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#



#70
Styrene
Concen: 140.877 ug/l
RT: 12.245 min Scan# 1761
Delta R.T. 0.012 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion:104 Resp: 3304439
Ion Ratio Lower Upper
104 100
78 193.1 39.5 59.3#
103 189.7 44.0 66.0#

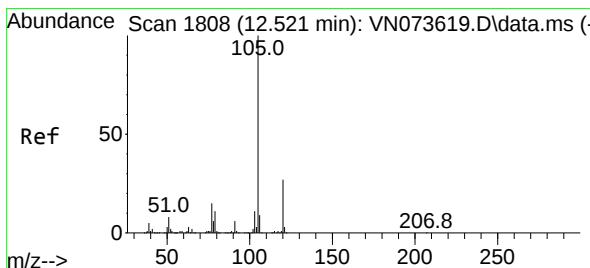
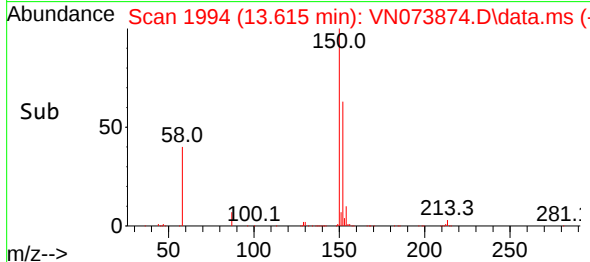
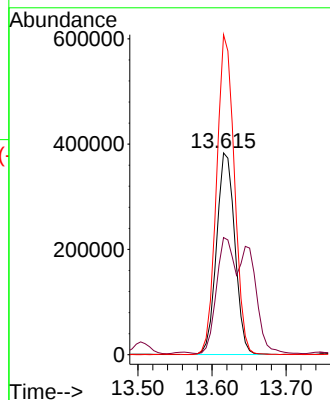
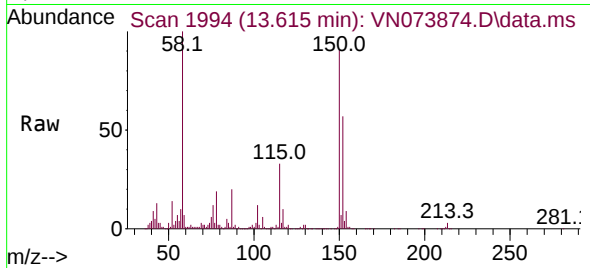




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

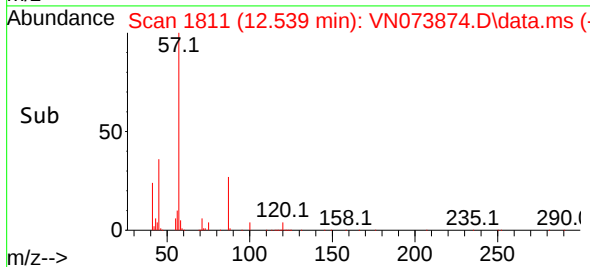
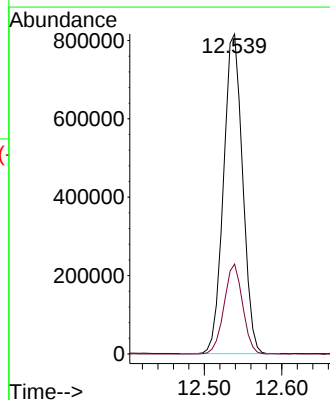
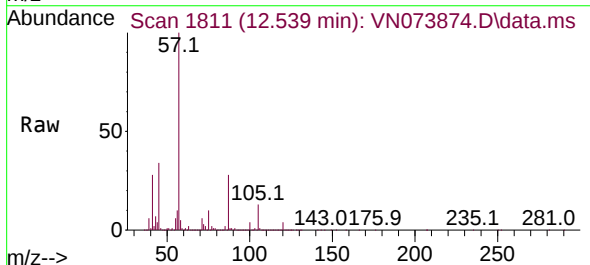
Instrument :
 MSVOA_N
 ClientSampleId :
 11261RE

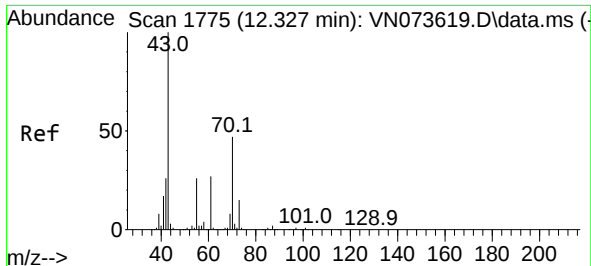
Tgt Ion:152 Resp: 656102
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.9 86.7
 150 154.5 0.0 356.2



#73
 Isopropylbenzene
 Concen: 29.132 ug/l
 RT: 12.539 min Scan# 1811
 Delta R.T. 0.018 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

Tgt Ion:105 Resp: 1399188
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.5 40.4

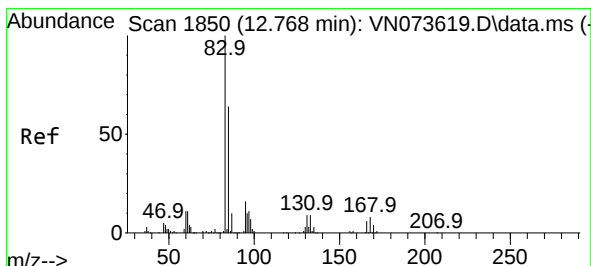
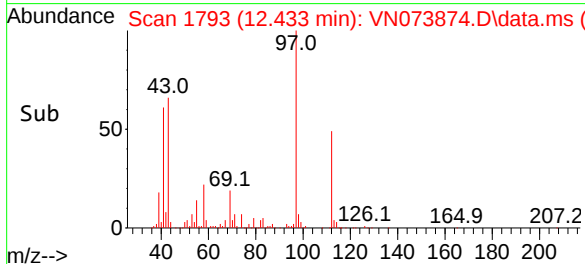
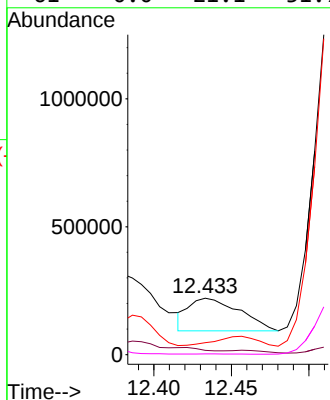
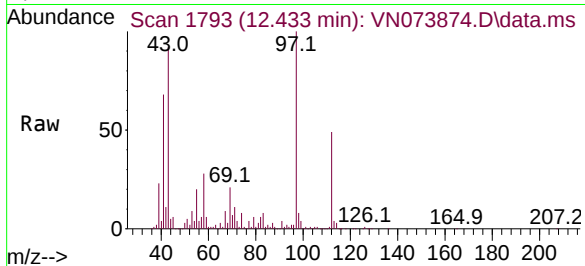




#74
N-amy1 acetate
Concen: 16.055 ug/l
RT: 12.433 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

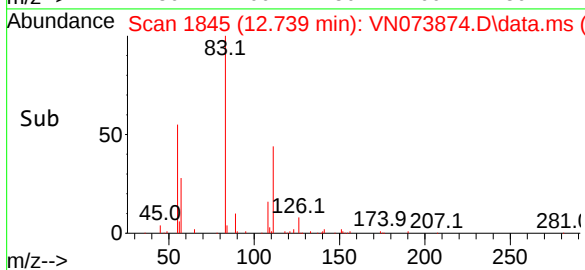
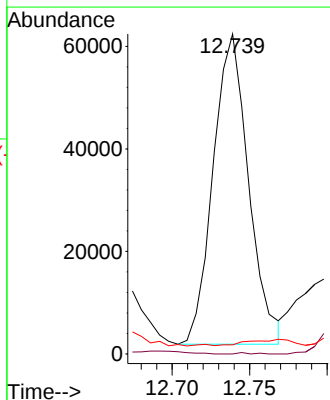
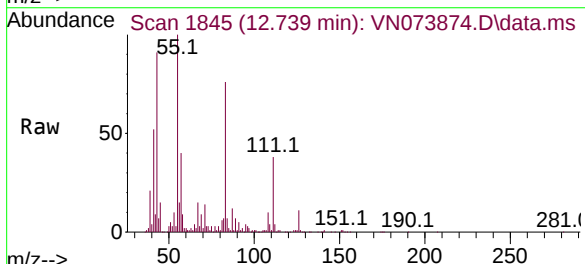
Instrument :
MSVOA_N
ClientSampleId :
11261RE

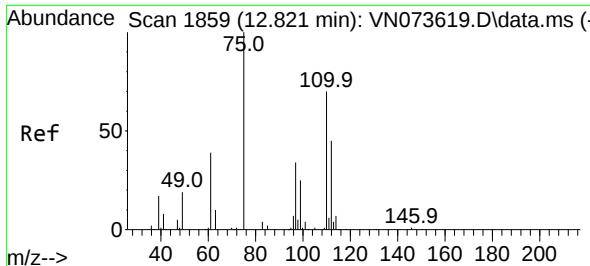
Tgt Ion: 43 Resp: 291339
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.188 ug/l
RT: 12.739 min Scan# 1845
Delta R.T. -0.029 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 83 Resp: 96144
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

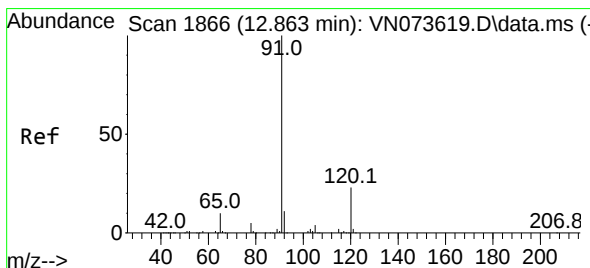
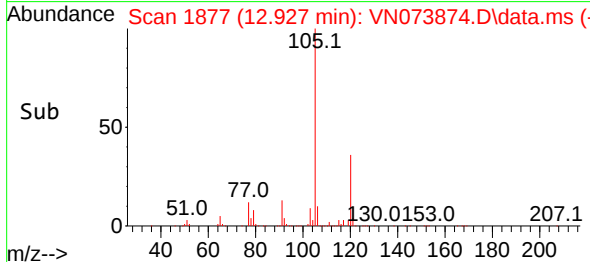
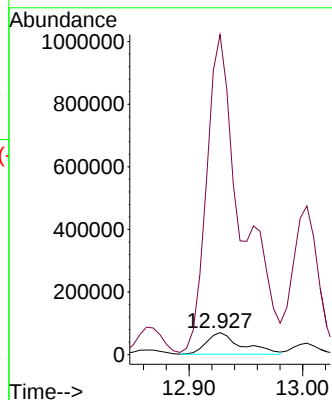
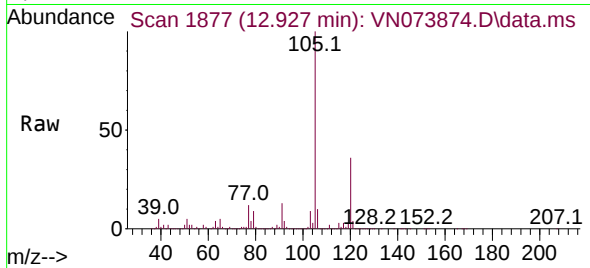




#76
1,2,3-Trichloropropane
Concen: 9.651 ug/l
RT: 12.927 min Scan# 1859
Delta R.T. 0.106 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

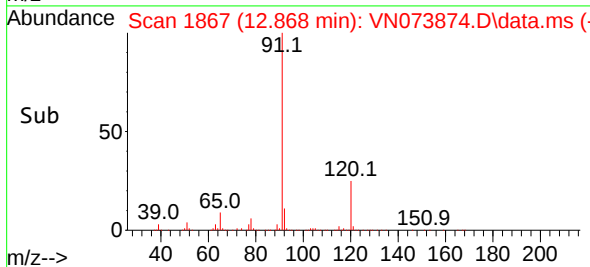
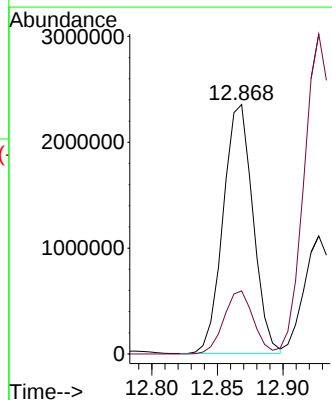
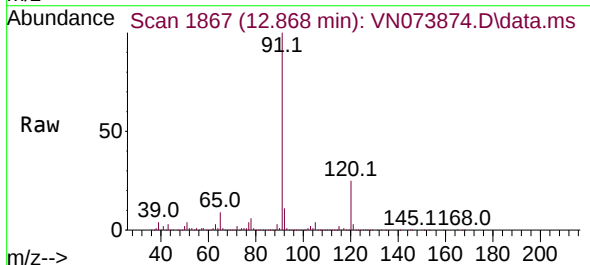
Instrument :
MSVOA_N
ClientSampleId :
11261RE

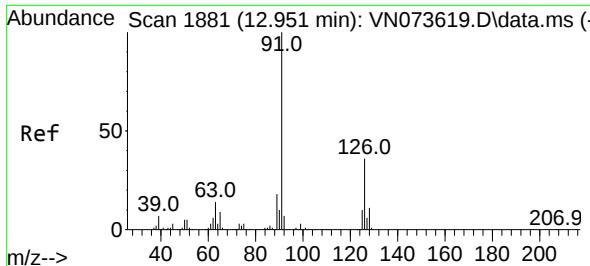
Tgt Ion: 75 Resp: 147262
Ion Ratio Lower Upper
75 100
77 1172.7 98.5 295.5#



#78
n-propylbenzene
Concen: 68.972 ug/l
RT: 12.868 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 91 Resp: 3727299
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5

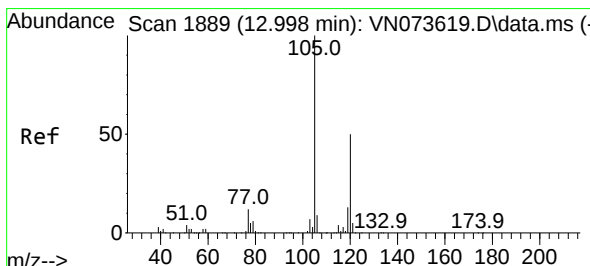
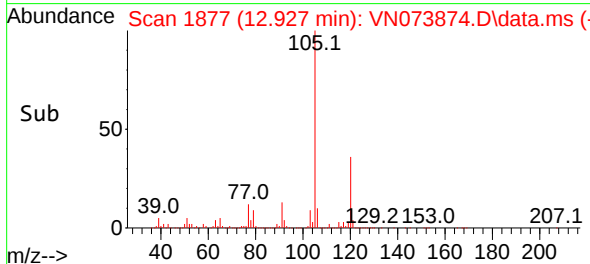
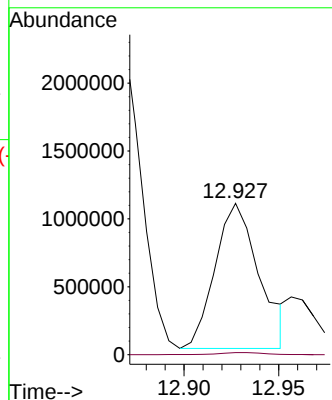
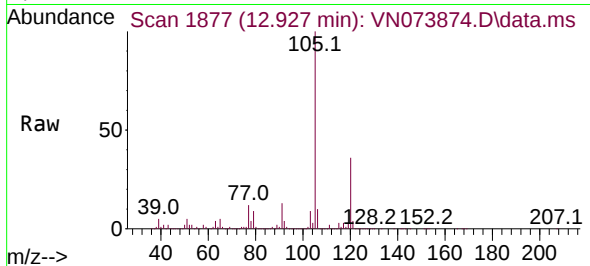




#79
2-Chlorotoluene
Concen: 51.320 ug/l
RT: 12.927 min Scan# 1881
Delta R.T. -0.024 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

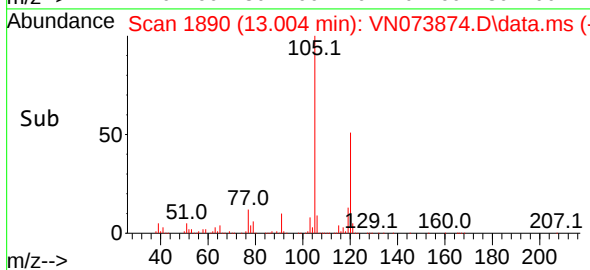
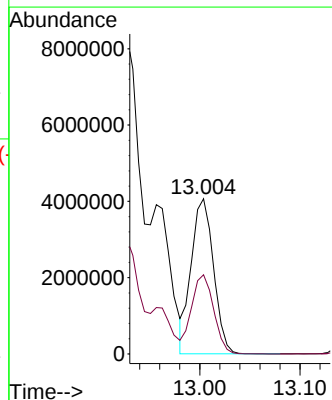
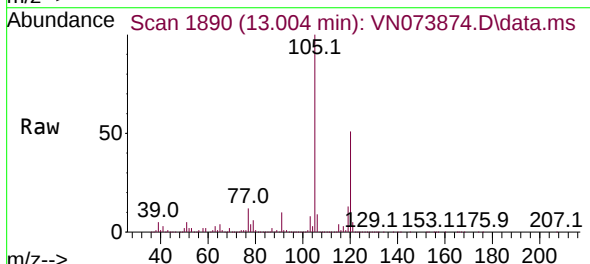
Instrument :
MSVOA_N
ClientSampleId :
11261RE

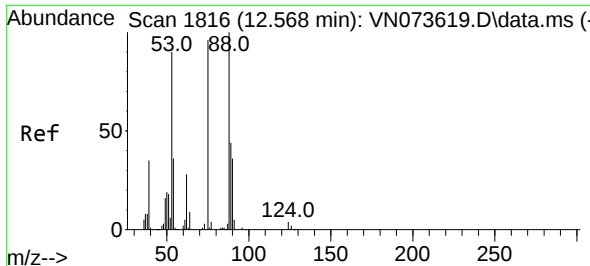
Tgt Ion: 91 Resp: 1730971
Ion Ratio Lower Upper
91 100
126 1.6 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 159.003 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 105 Resp: 6284500
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.7

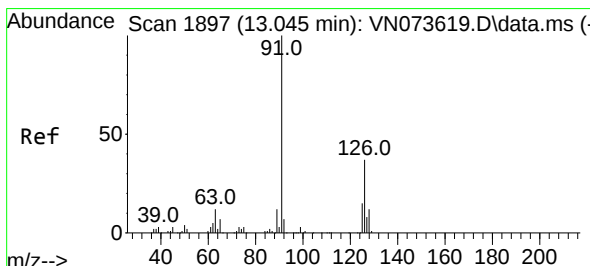
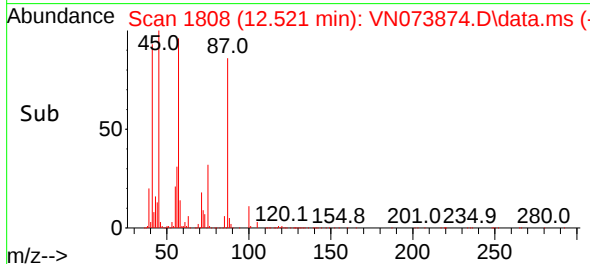
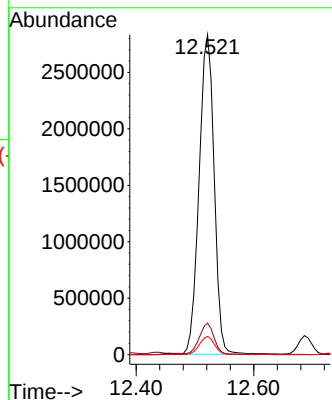
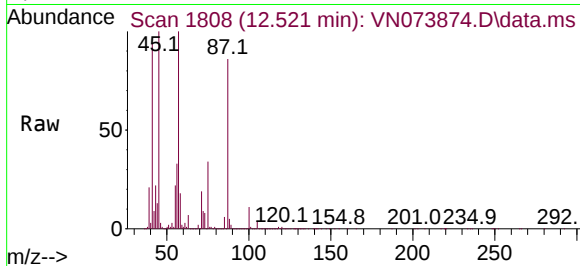




#81
trans-1,4-Dichloro-2-butene
Concen: 993.908 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.047 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

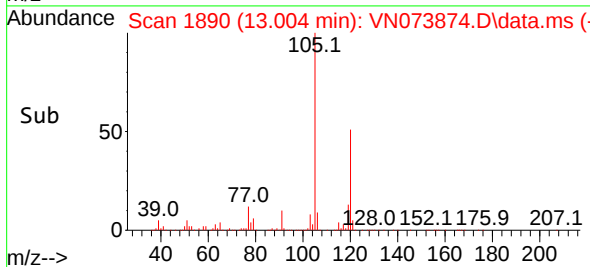
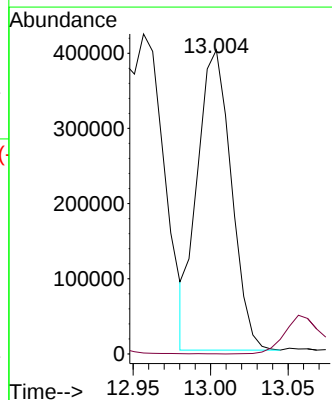
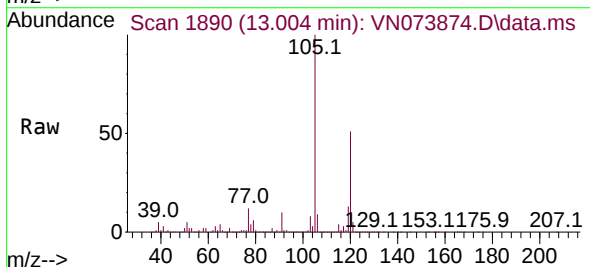
Instrument :
MSVOA_N
ClientSampleId :
11261RE

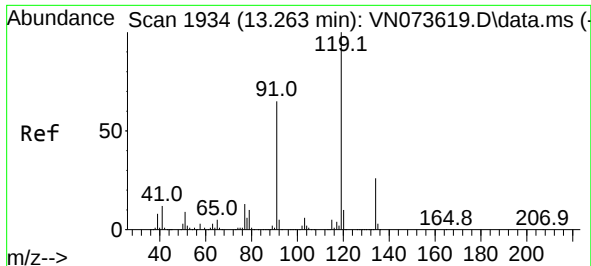
Tgt Ion: 75 Resp: 5031942
Ion Ratio Lower Upper
75 100
53 9.5 78.0 117.0#
89 5.8 37.2 55.8#



#82
4-Chlorotoluene
Concen: 19.066 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.041 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion: 91 Resp: 609490
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

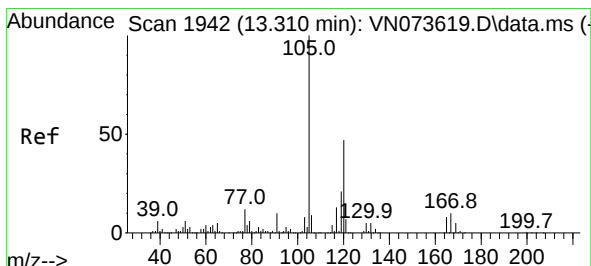
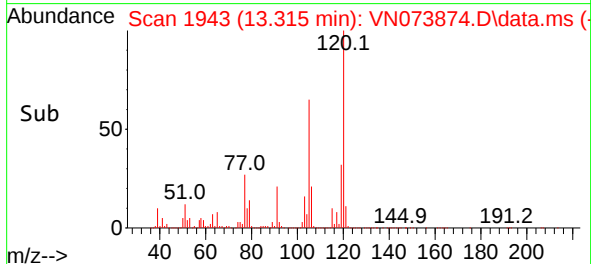
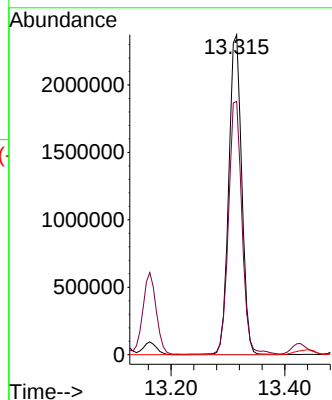
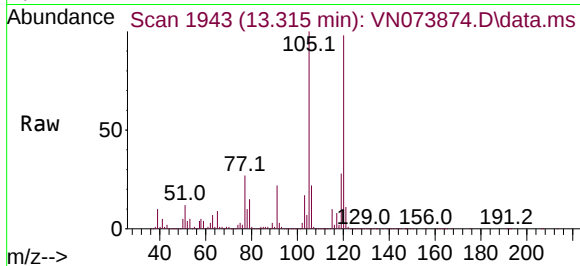




#83
tert-Butylbenzene
Concen: 107.576 ug/l
RT: 13.315 min Scan# 1943
Delta R.T. 0.053 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

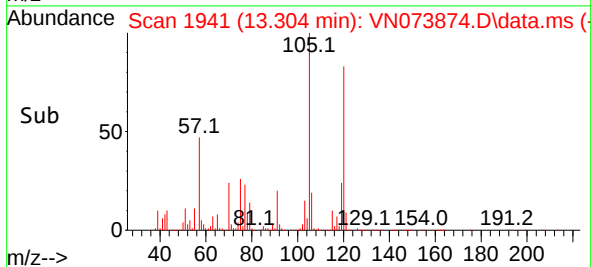
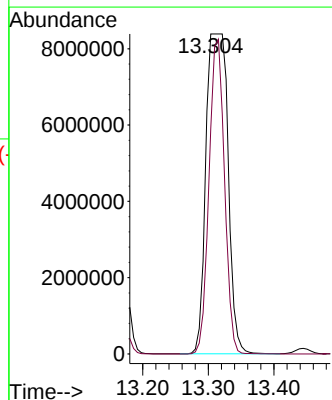
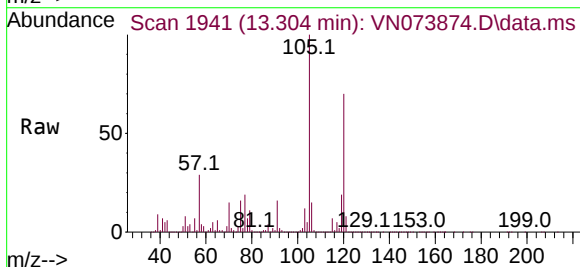
Instrument :
MSVOA_N
ClientSampleId :
11261RE

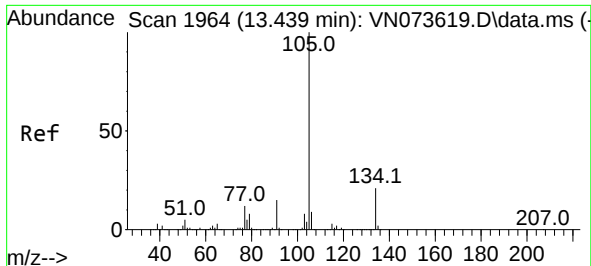
Tgt Ion:119 Resp: 3766099
Ion Ratio Lower Upper
119 100
91 82.1 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 505.235 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion:105 Resp:19635572
Ion Ratio Lower Upper
105 100
120 68.9 23.3 69.8

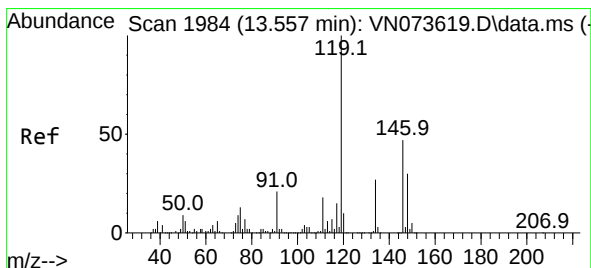
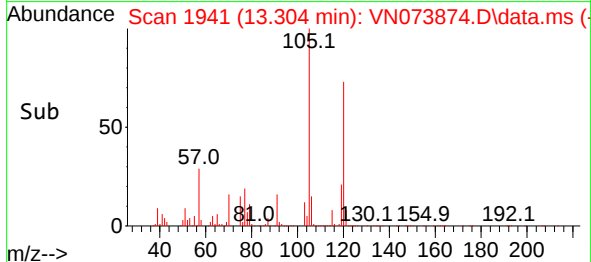
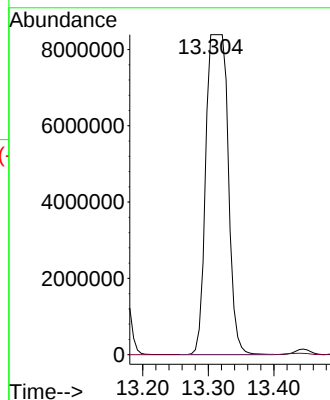
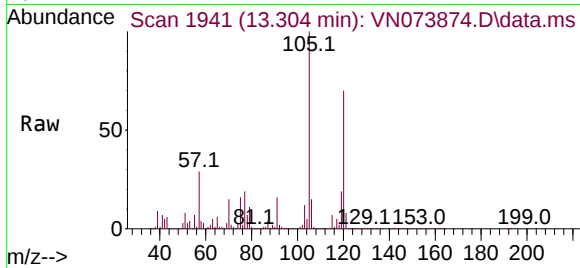




#85
 sec-Butylbenzene
 Concen: 405.810 ug/l
 RT: 13.304 min Scan# 1964
 Delta R.T. -0.135 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

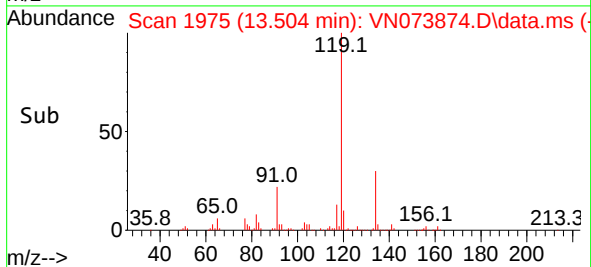
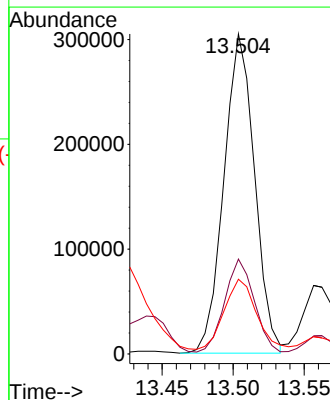
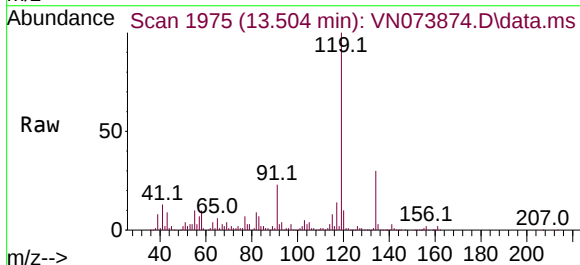
Instrument :
 MSVOA_N
 ClientSampleId :
 11261RE

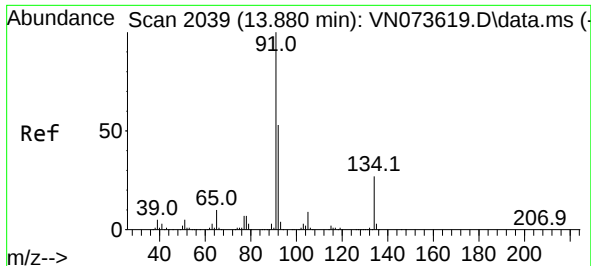
Tgt Ion:105 Resp:19635572
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 11.980 ug/l
 RT: 13.504 min Scan# 1975
 Delta R.T. -0.053 min
 Lab File: VN073874.D
 Acq: 13 Aug 2022 17:39

Tgt Ion:119 Resp: 456975
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.3 39.8
 91 22.7 11.3 33.9





#89

n-Butylbenzene

Concen: 2.904 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073874.D

Acq: 13 Aug 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

11261RE

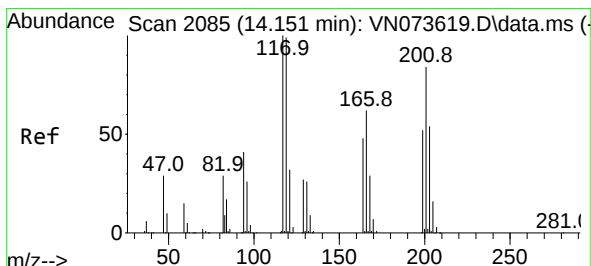
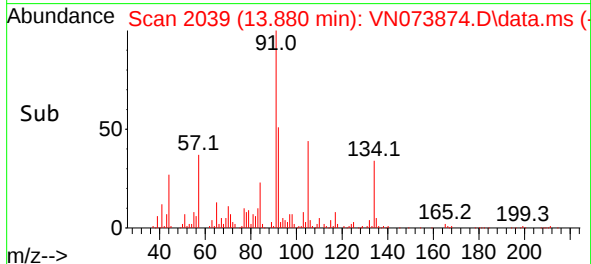
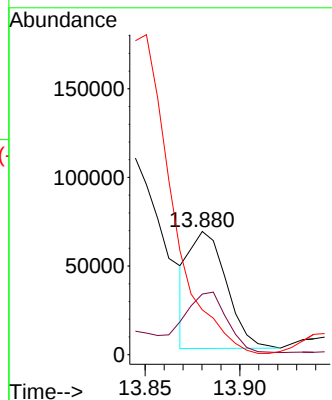
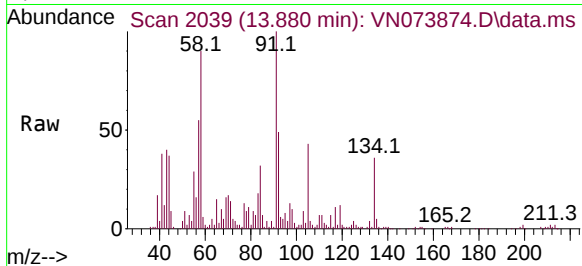
Tgt Ion: 91 Resp: 90124

Ion Ratio Lower Upper

91 100

92 61.2 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 7.414 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VN073874.D

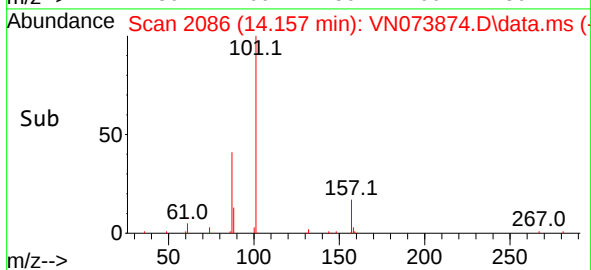
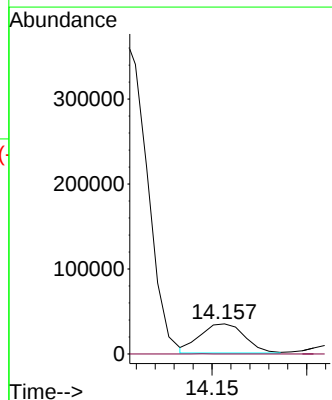
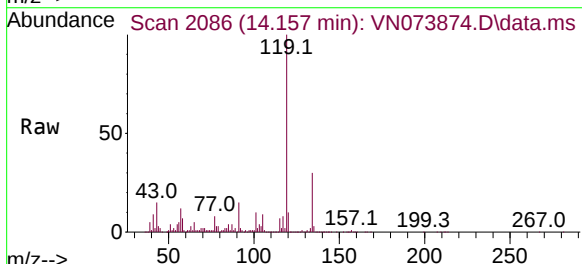
Acq: 13 Aug 2022 17:39

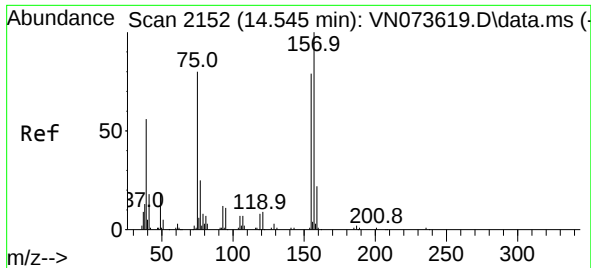
Tgt Ion: 117 Resp: 56111

Ion Ratio Lower Upper

117 100

201 0.1 40.6 122.0#

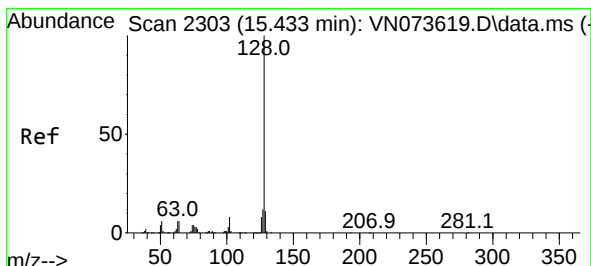
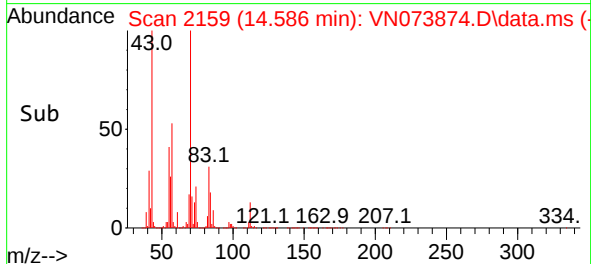
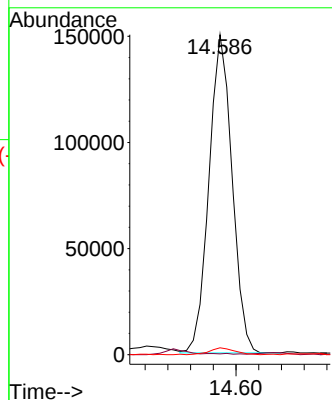
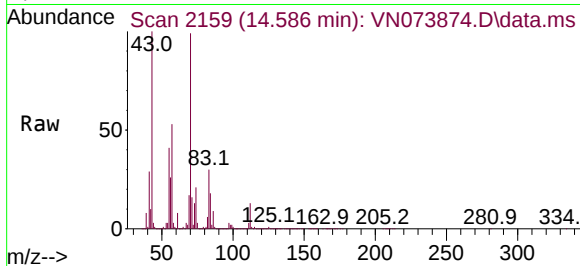




#92
1,2-Dibromo-3-Chloropropane
Concen: 56.972 ug/l
RT: 14.586 min Scan# 2159
Delta R.T. 0.041 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
11261RE

Tgt Ion: 75 Resp: 212148
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 2.4 59.0 176.8#



#95
Naphthalene
Concen: 42.324 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073874.D
Acq: 13 Aug 2022 17:39

Tgt Ion:128 Resp: 1577891
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

