

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077872.D
 Acq On : 25 May 2023 01:24
 Operator : JC\MD
 Sample : 02884-02
 Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2006

Quant Time: May 25 05:01:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	393094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	699107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	623174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	289018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252613	42.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.900%
35) Dibromofluoromethane	8.177	113	216190	47.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	10.571	98	867381	49.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	305656	49.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1203	Below Cal	#	59
10) Methyl Iodide	4.577	142	1697	0.327	ug/l #	68
11) Tert butyl alcohol	5.512	59	164	0.202	ug/l #	72
13) Acrolein	4.183	56	214	Below Cal	#	1
16) Acetone	4.447	43	1207	0.652	ug/l #	70
17) Carbon Disulfide	4.683	76	6056	0.544	ug/l #	90
18) Methyl Acetate	5.030	43	2372	0.306	ug/l #	78
20) Methylene Chloride	5.259	84	5173	Below Cal	#	85
25) 2-Butanone	7.506	43	5562	1.921	ug/l	90
29) Tetrahydrofuran	7.859	42	1053	0.556	ug/l #	88
31) Cyclohexane	8.253	56	22881	2.862	ug/l	92
36) 1,1-Dichloropropene	8.230	75	33101	4.964	ug/l #	48
38) Carbon Tetrachloride	8.230	117	42775	6.353	ug/l #	15
39) Methylcyclohexane	9.606	83	36604	4.484	ug/l	90
40) Benzene	8.612	78	234929	11.939	ug/l	97
43) Isopropyl Acetate	8.712	43	2144	0.221	ug/l #	49
44) Trichloroethene	9.353	130	3261	0.655	ug/l	67
51) 4-Methyl-2-Pentanone	10.459	43	2997	0.519	ug/l #	60
52) Toluene	10.635	92	435448	35.547	ug/l	96
55) 1,1,2-Trichloroethane	11.006	97	5126	1.054	ug/l #	21
59) 2-Hexanone	11.182	43	6402	1.500	ug/l #	19
66) 1,1,1,2-Tetrachloroethane	11.976	131	1263	0.270	ug/l #	25
67) Ethyl Benzene	11.970	91	190107	7.852	ug/l	97
68) m/p-Xylenes	12.076	106	512808	55.902	ug/l	98
69) o-Xylene	12.406	106	407543	45.175	ug/l	97
70) Styrene	12.417	104	59453	4.148	ug/l #	1
73) Isopropylbenzene	12.706	105	32720	1.313	ug/l	96
74) N-amyl acetate	12.482	43	4307	0.468	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	12.947	83	1682	0.219	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	152940	21.130	ug/l #	1
78) n-propylbenzene	13.041	91	83115	2.830	ug/l	93
79) 2-Chlorotoluene	13.106	91	47812	2.728	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.182	105	483392	23.086	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	152940	67.542	ug/l #	15
83) tert-Butylbenzene	13.488	119	126682	6.930	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.488	105	1008403	48.968	ug/l	98

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 Response via : Initial Calibration

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

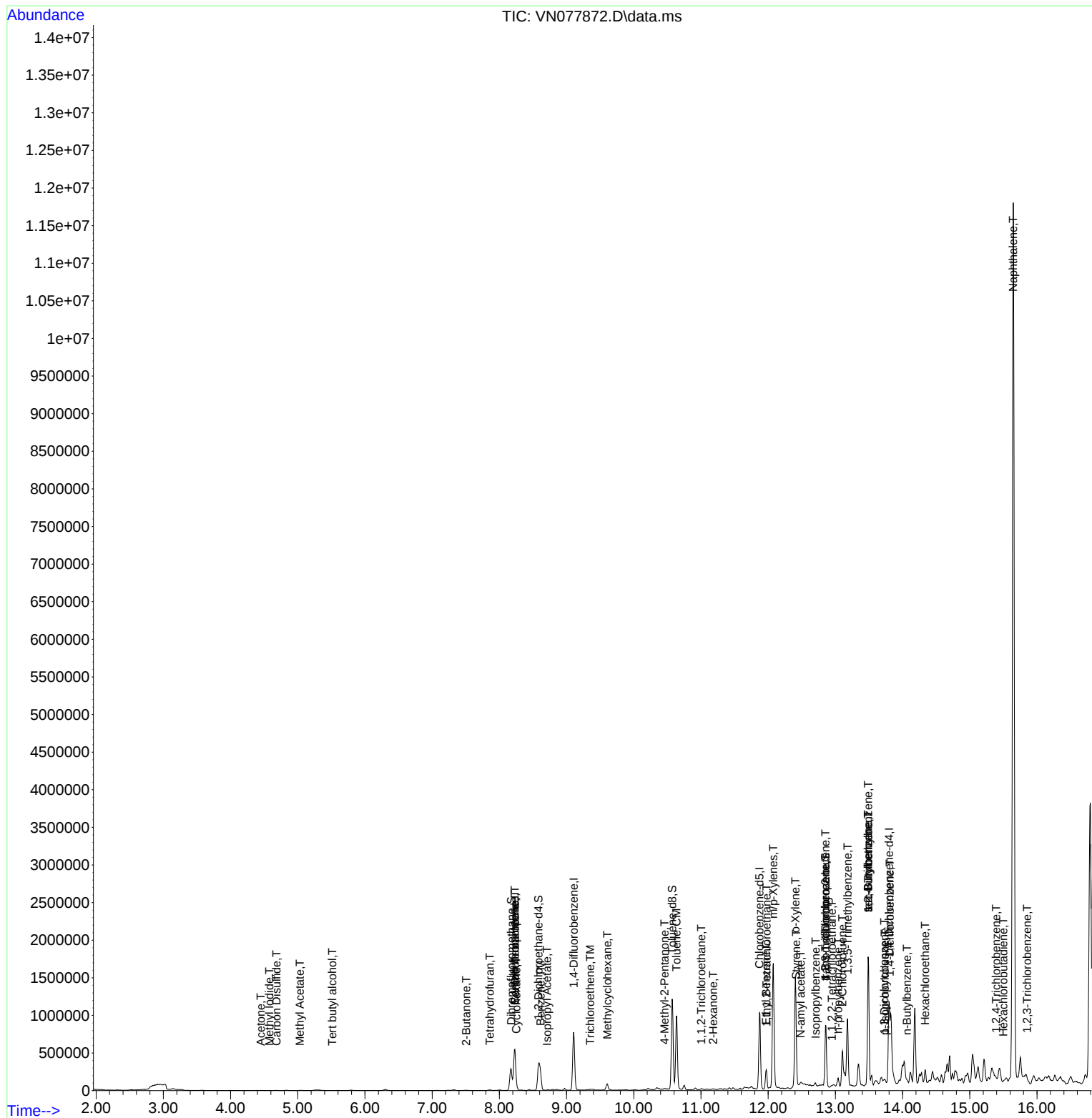
85) sec-Butylbenzene	13.488	105	1008403	38.817	ug/l #	57
86) p-Isopropyltoluene	13.735	119	25486	1.231	ug/l	91
87) 1,3-Dichlorobenzene	13.729	146	4496	0.428	ug/l #	8
88) 1,4-Dichlorobenzene	13.812	146	3936	0.377	ug/l #	1
89) n-Butylbenzene	14.064	91	23778	1.248	ug/l #	76
90) Hexachloroethane	14.335	117	14053	4.130	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.394	180	2999	0.522	ug/l #	1
94) Hexachlorobutadiene	15.500	225	571	0.240	ug/l #	70
95) Naphthalene	15.647	128	11001426	556.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	3572	0.636	ug/l #	1

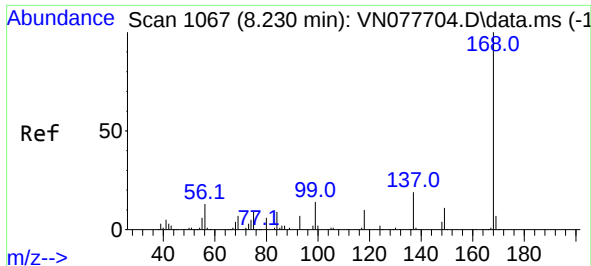
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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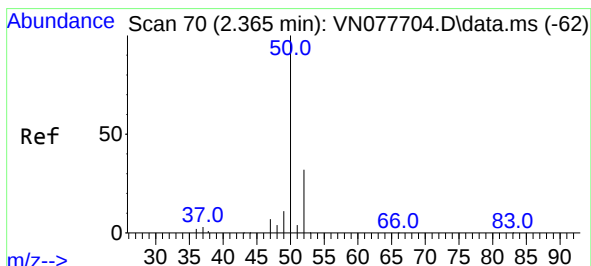
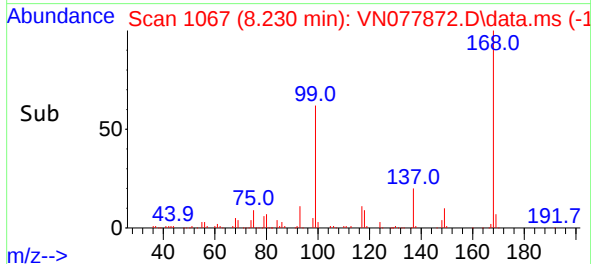
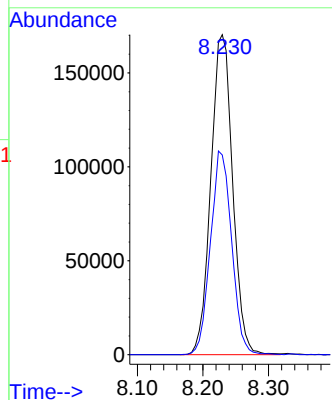
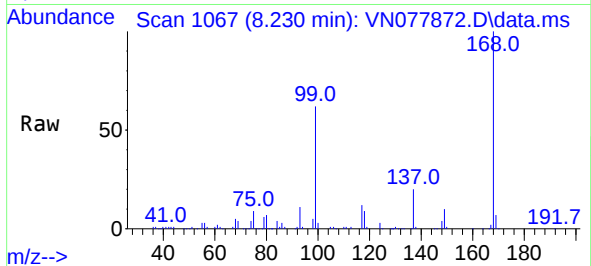




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

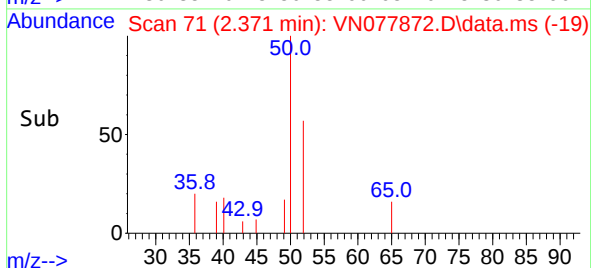
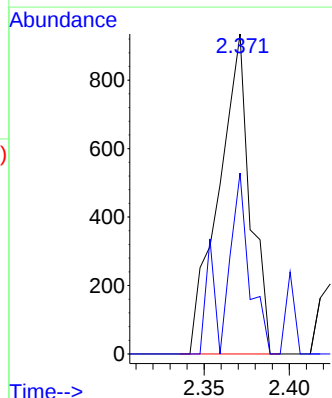
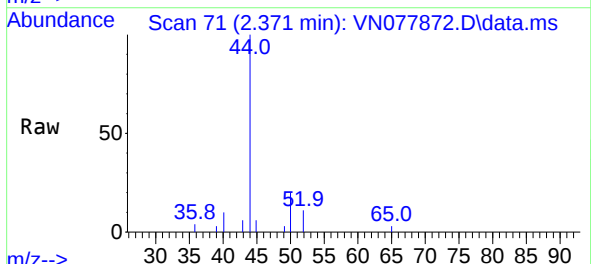
Instrument :
MSVOA_N
ClientSampleId :
2006

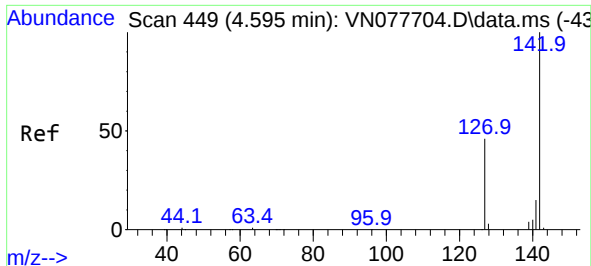
Tgt Ion:168 Resp: 393094
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

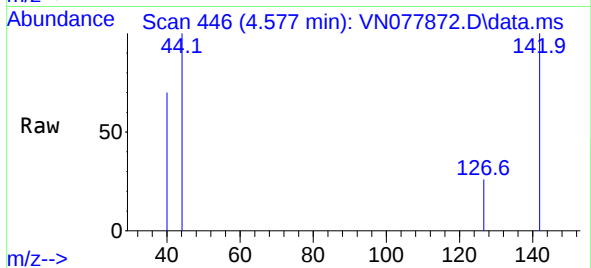
Tgt Ion: 50 Resp: 1203
Ion Ratio Lower Upper
50 100
52 56.6 26.5 39.7#



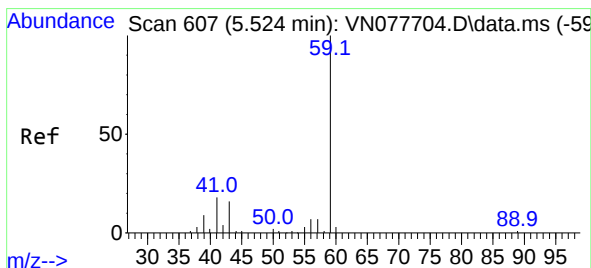
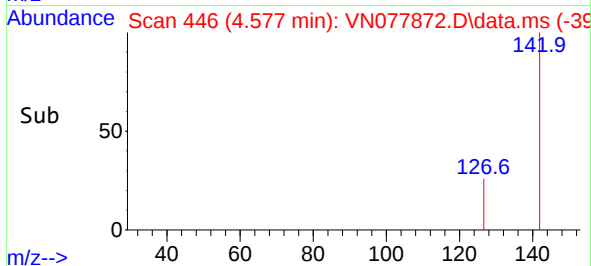
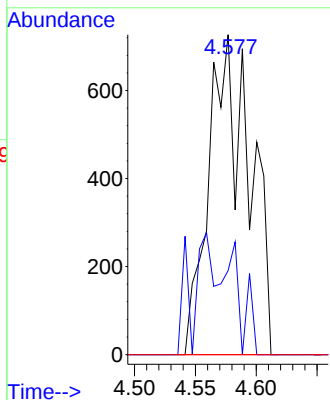


#10
Methyl Iodide
Concen: 0.327 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.017 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
2006

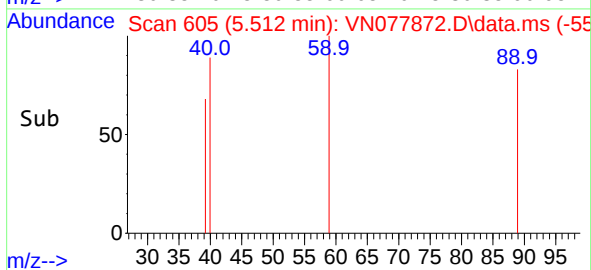
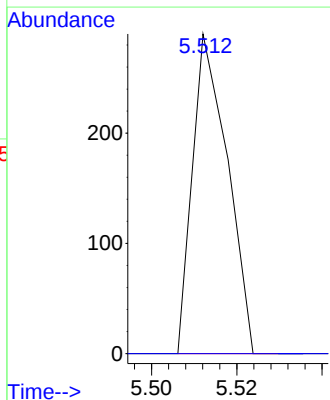
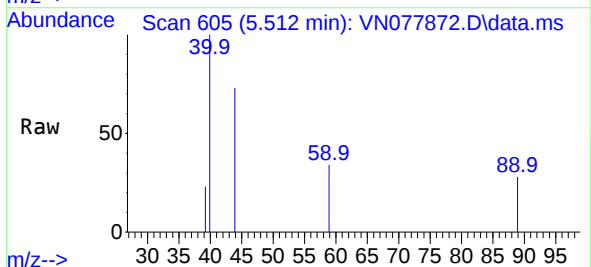


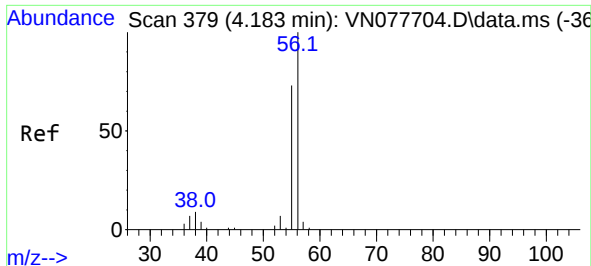
Tgt Ion:142 Resp: 1697
Ion Ratio Lower Upper
142 100
127 26.3 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 59 Resp: 164
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

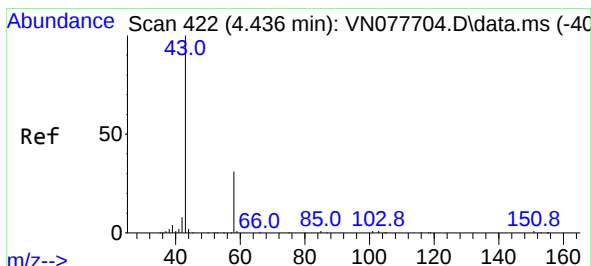
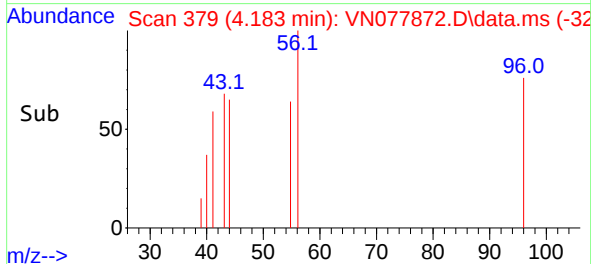
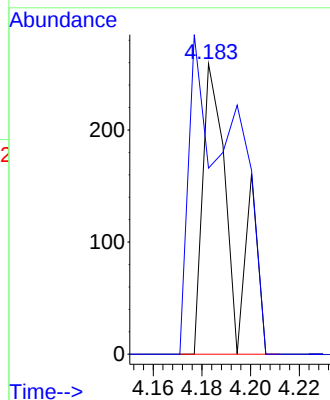
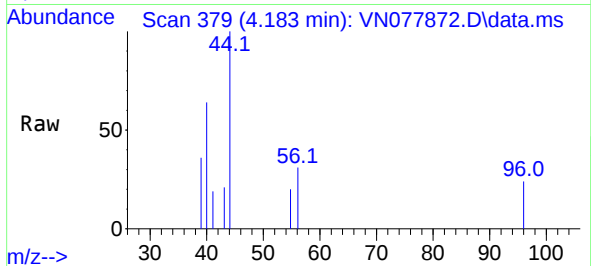




#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

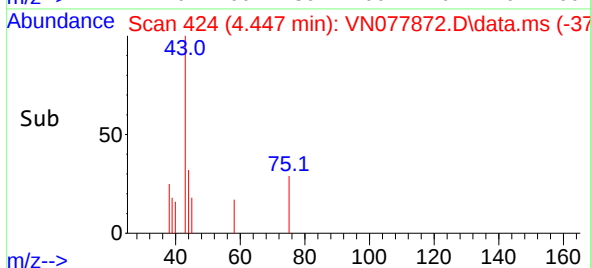
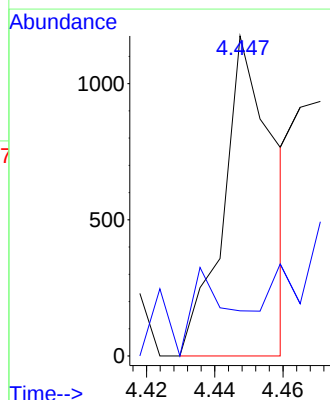
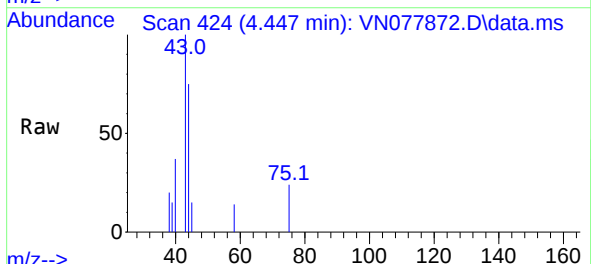
Instrument :
MSVOA_N
ClientSampleId :
2006

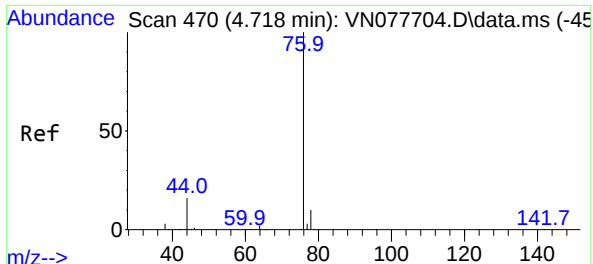
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 167.8 54.5 81.7#



#16
Acetone
Concen: 0.652 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 17.6 28.0 42.0#

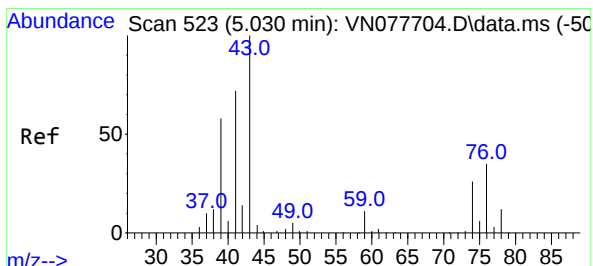
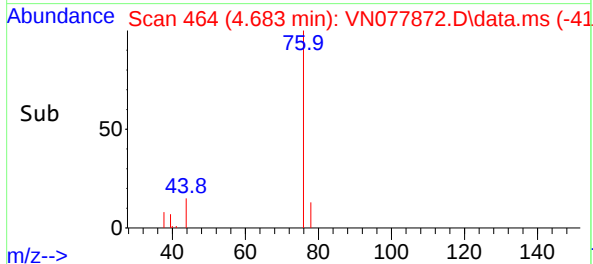
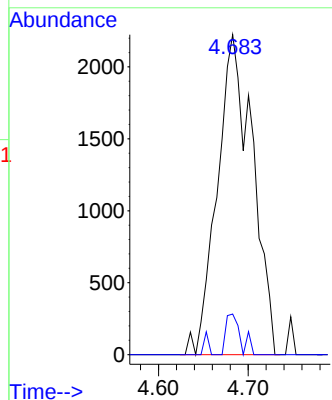
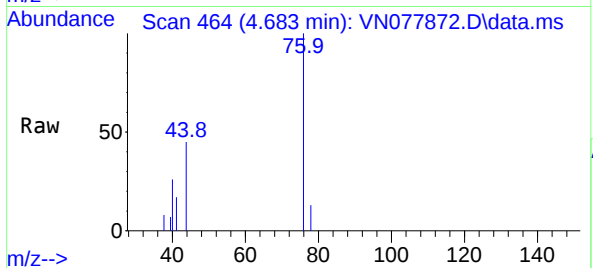




#17
Carbon Disulfide
Concen: 0.544 ug/l
RT: 4.683 min Scan# 411
Delta R.T. -0.029 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

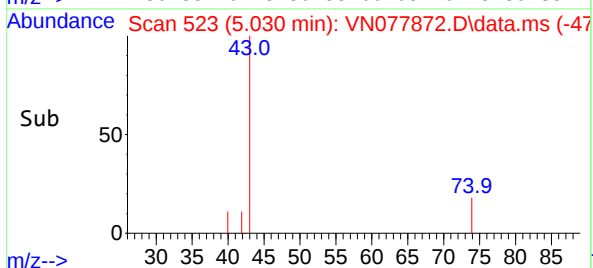
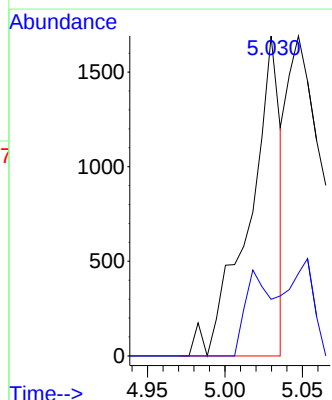
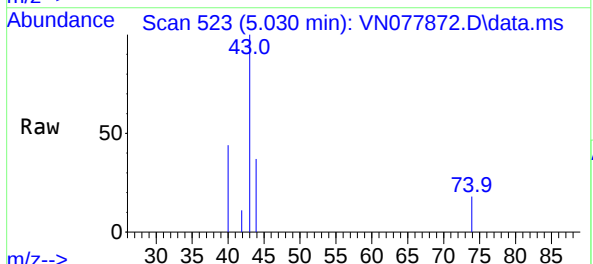
Instrument :
MSVOA_N
ClientSampleId :
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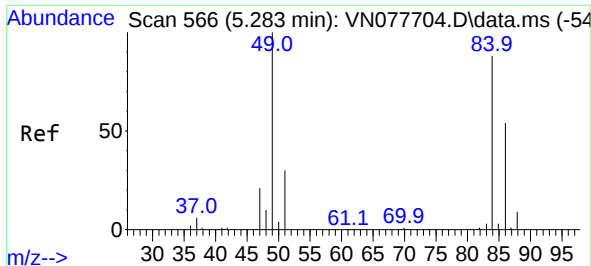
Tgt Ion: 76 Resp: 6056
Ion Ratio Lower Upper
76 100
78 12.7 7.4 11.0#



#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

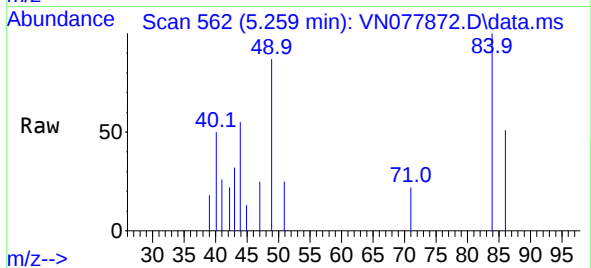
Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
74 20.3 26.2 39.4#





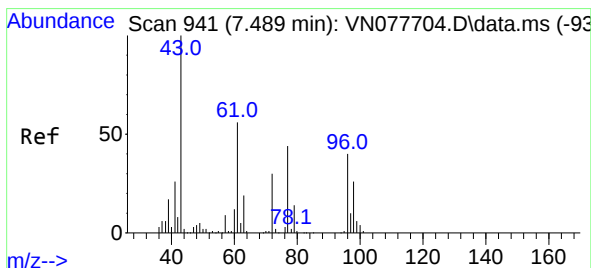
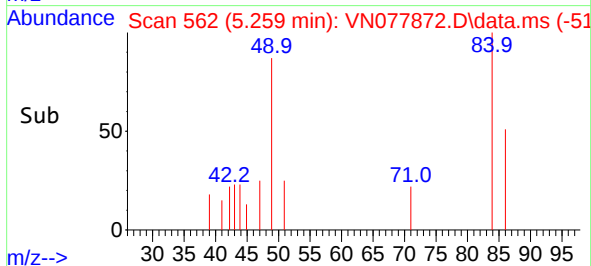
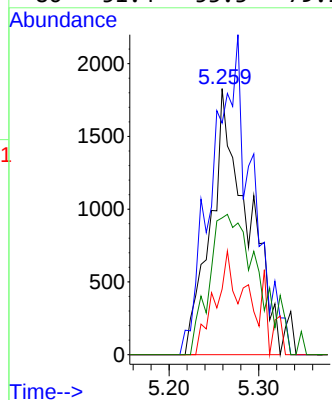
#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
2006



Tgt Ion: 84 Resp: 5173

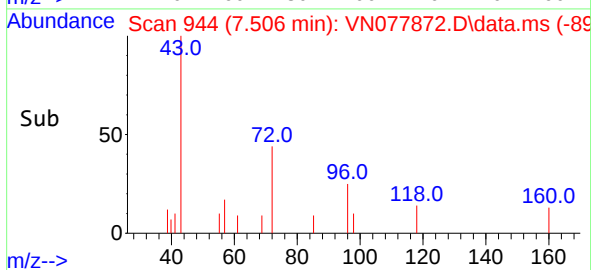
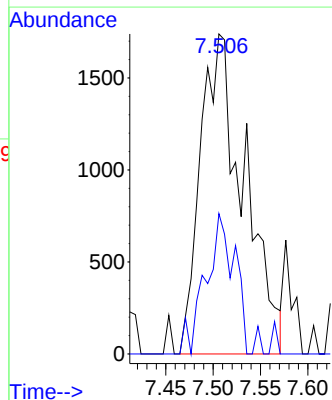
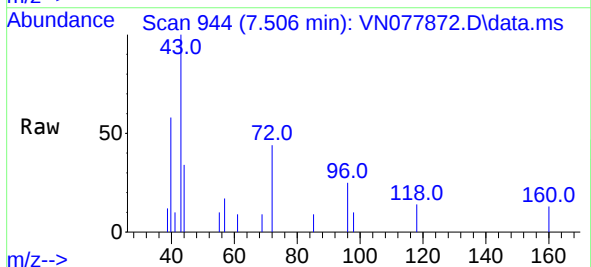
Ion	Ratio	Lower	Upper
84	100		
49	87.0	79.7	119.5
51	24.7	25.2	37.8#
86	51.4	53.3	79.9#

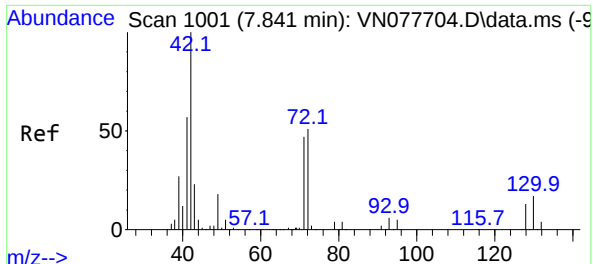


#25
2-Butanone
Concen: 1.921 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 43 Resp: 5562

Ion	Ratio	Lower	Upper
43	100		
72	43.9	30.2	45.2

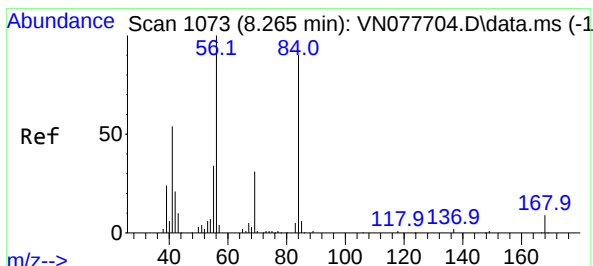
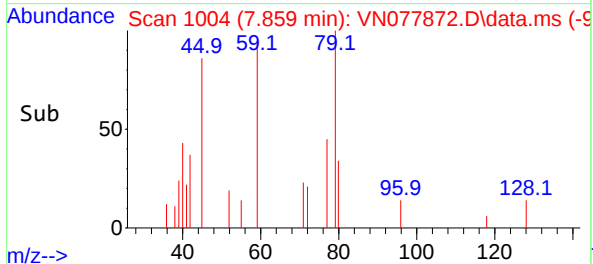
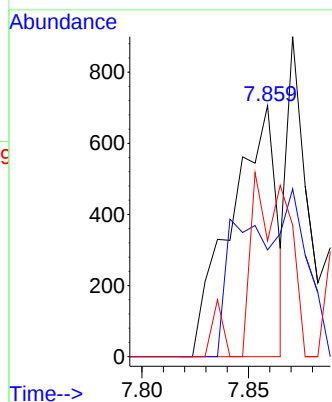
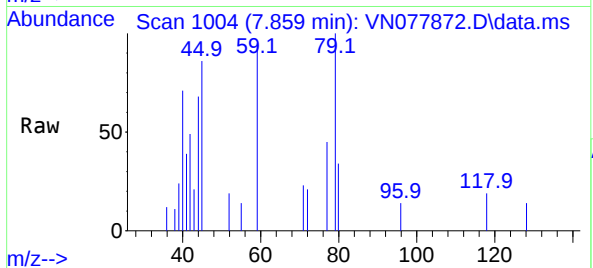




#29
Tetrahydrofuran
Concen: 0.556 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

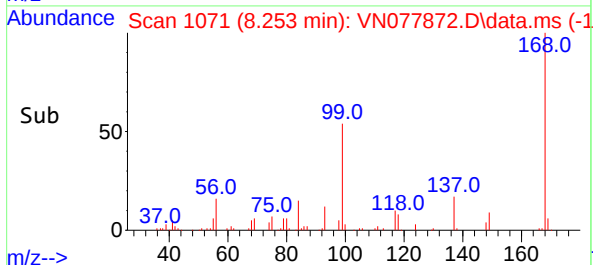
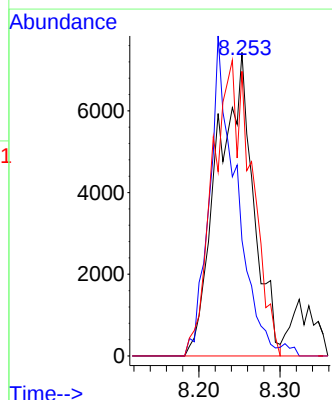
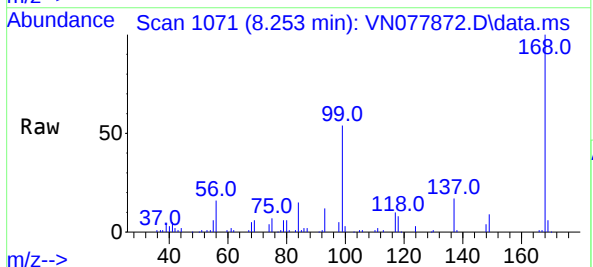
Instrument :
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ClientSampleId :
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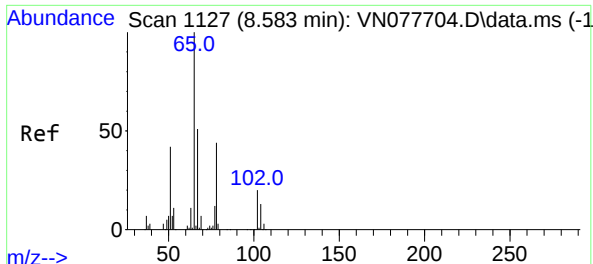
Tgt Ion: 42 Resp: 1053
Ion Ratio Lower Upper
42 100
72 47.1 49.8 74.6#
71 62.2 47.4 71.2



#31
Cyclohexane
Concen: 2.862 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 56 Resp: 22881
Ion Ratio Lower Upper
56 100
69 38.2 26.8 40.2
84 93.8 81.8 122.6

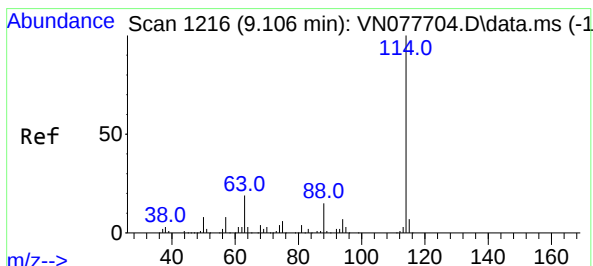
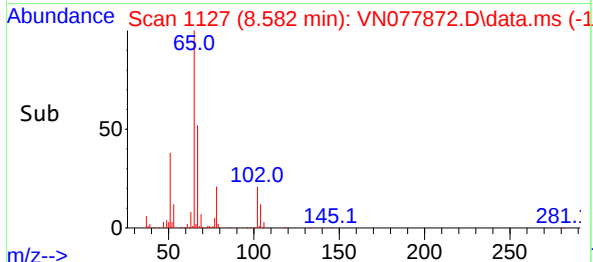
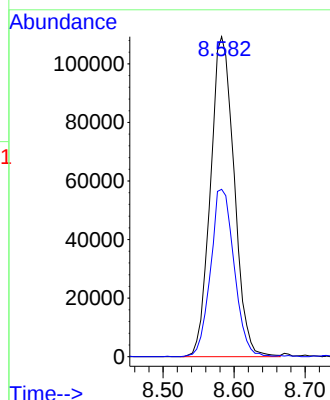
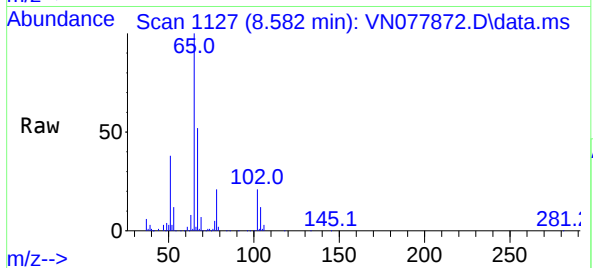




#33
1,2-Dichloroethane-d4
Concen: 42.949 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

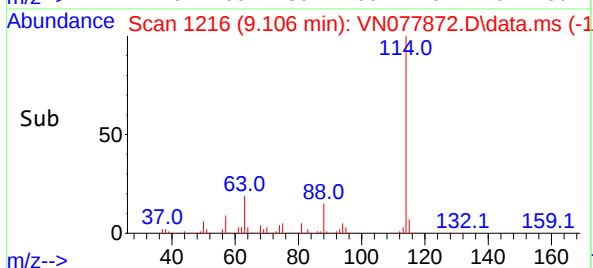
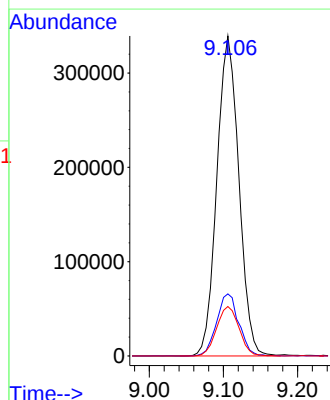
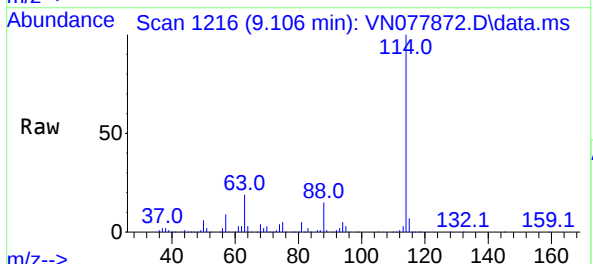
Instrument :
MSVOA_N
ClientSampleId :
2006

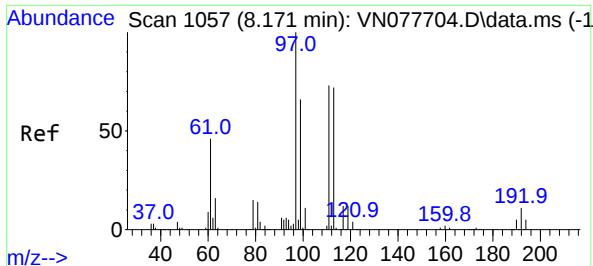
Tgt Ion: 65 Resp: 252613
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 114 Resp: 699107
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.4 0.0 30.6

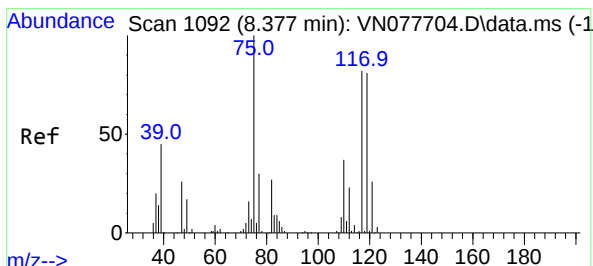
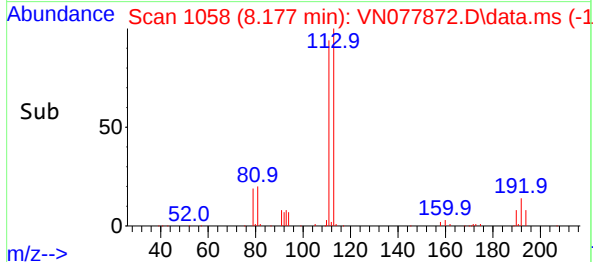
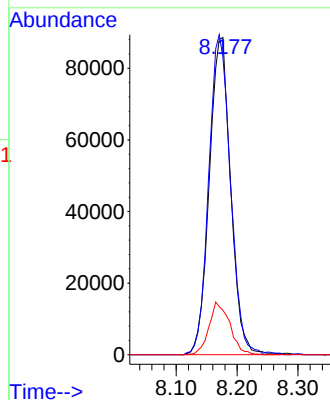
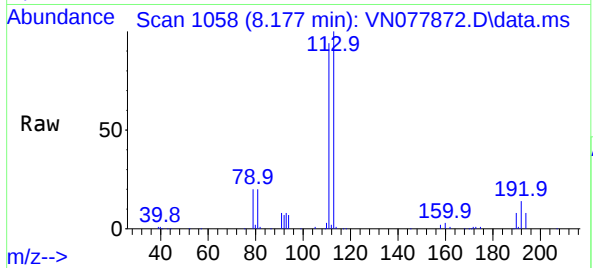




#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

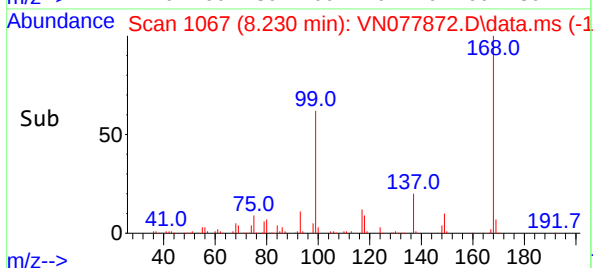
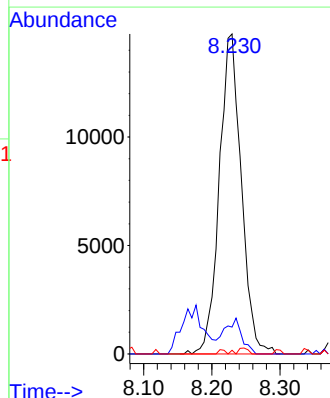
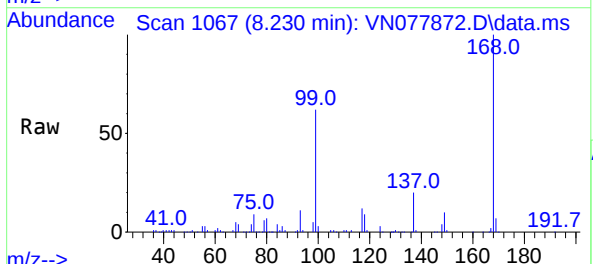
Instrument :
MSVOA_N
ClientSampleId :
2006

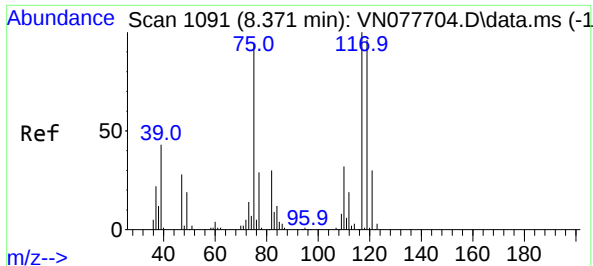
Tgt Ion:113 Resp: 216190
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 75 Resp: 33101
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.3#
77 0.0 25.0 37.4#

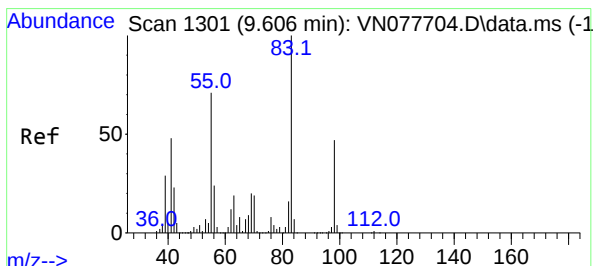
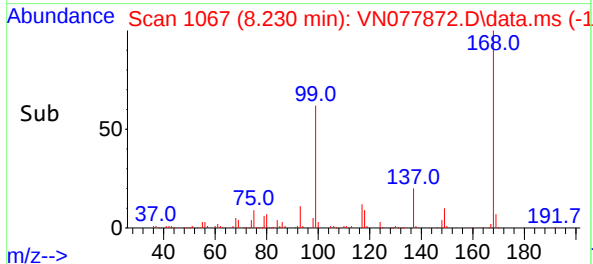
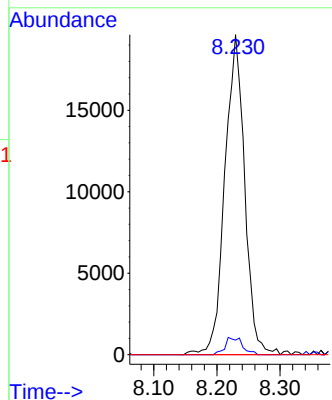
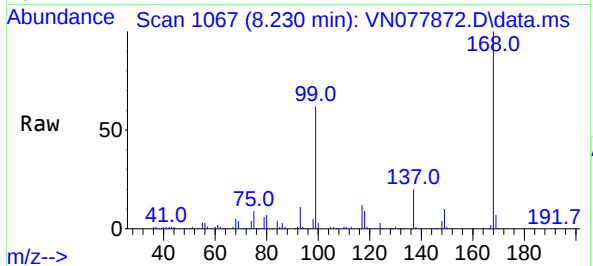




#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

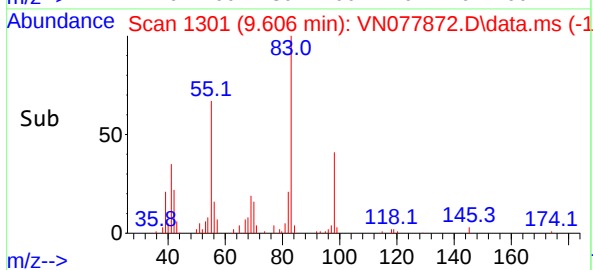
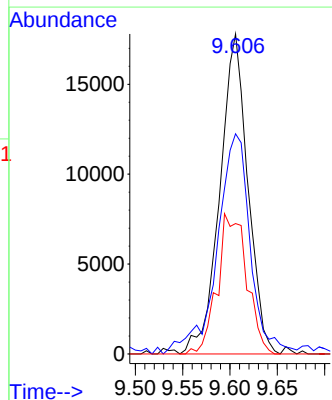
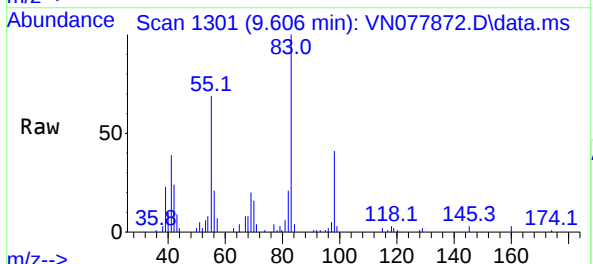
Instrument :
MSVOA_N
ClientSampleId :
2006

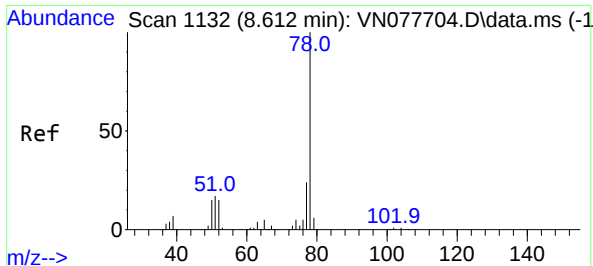
Tgt Ion:117 Resp: 42775
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 4.484 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 83 Resp: 36604
Ion Ratio Lower Upper
83 100
55 65.8 49.1 73.7
98 40.8 40.6 61.0

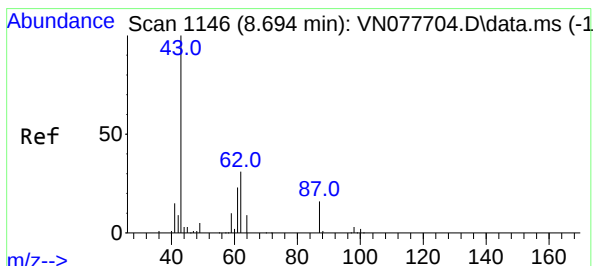
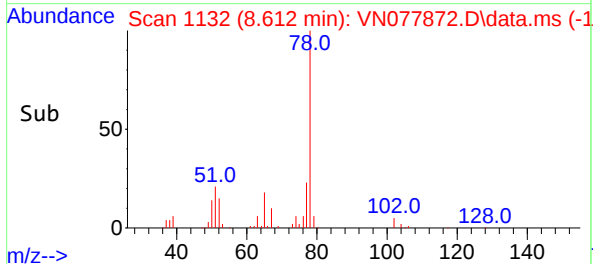
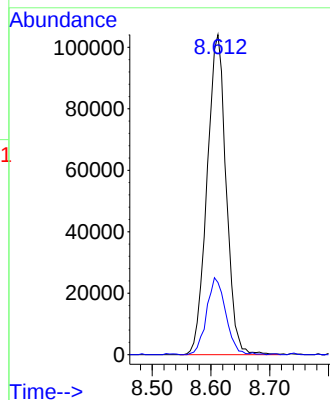
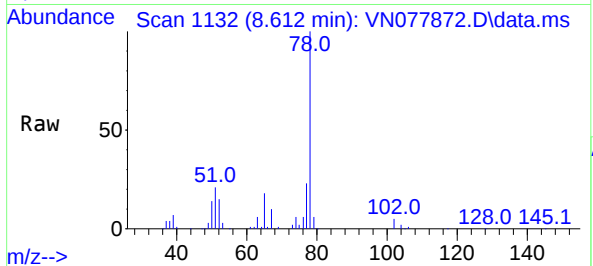




#40
Benzene
Concen: 11.939 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

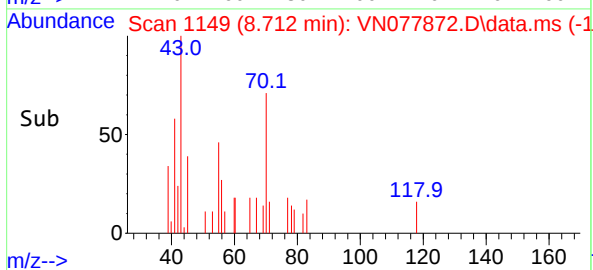
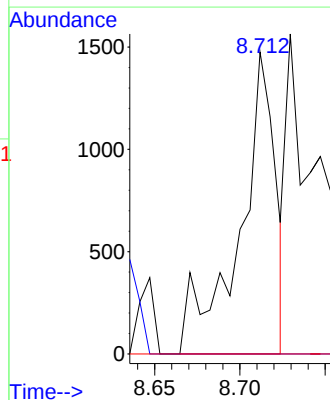
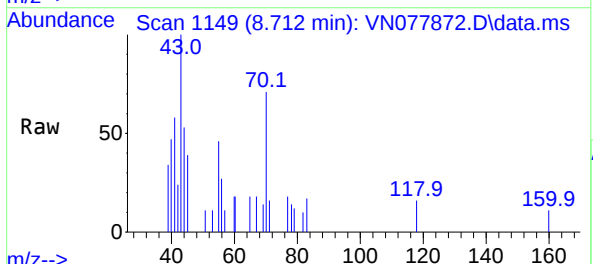
Instrument :
MSVOA_N
ClientSampleId :
2006

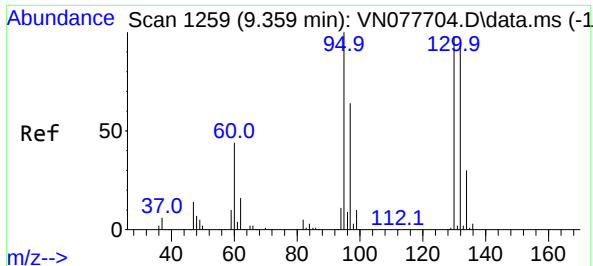
Tgt Ion: 78 Resp: 234929
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

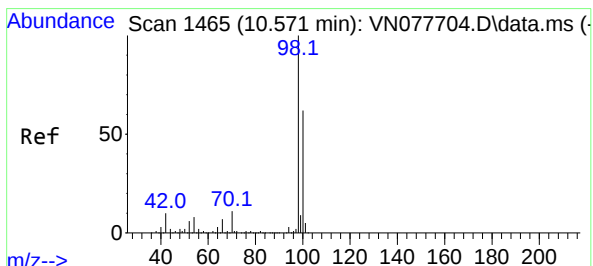
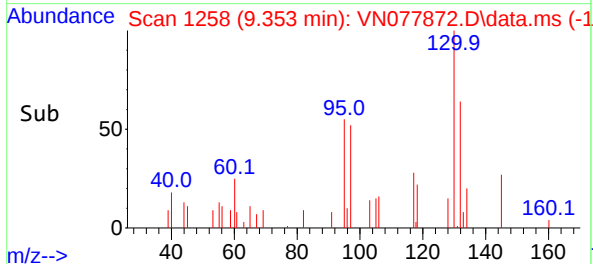
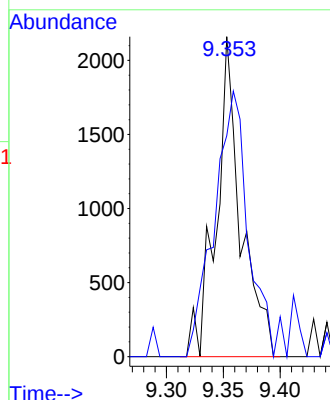
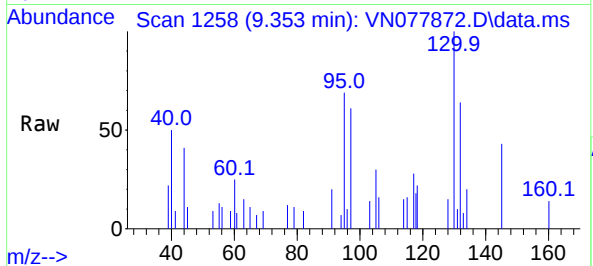




#44
Trichloroethene
Concen: 0.655 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

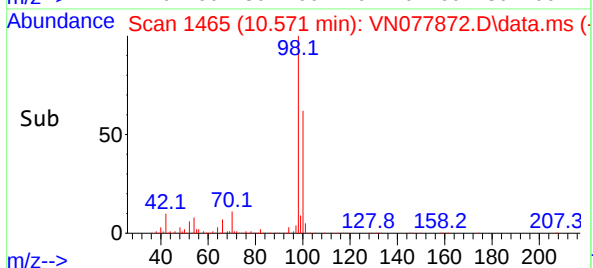
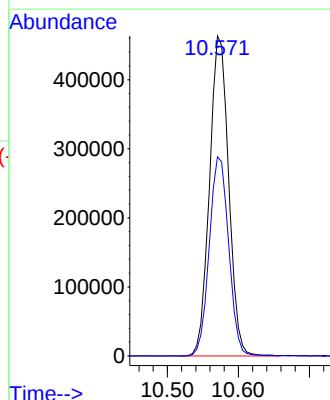
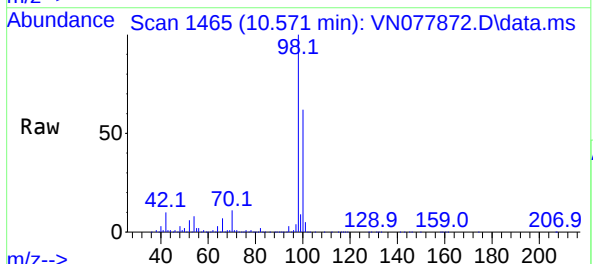
Instrument :
MSVOA_N
ClientSampleId :
2006

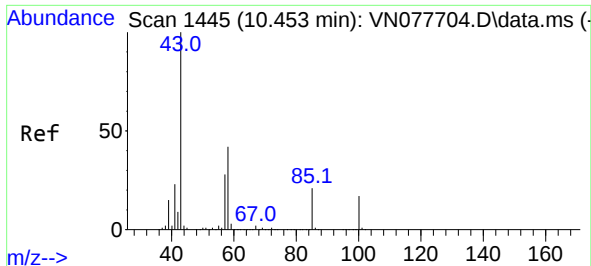
Tgt Ion:130 Resp: 3261
Ion Ratio Lower Upper
130 100
95 69.0 0.0 204.6



#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 98 Resp: 867381
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

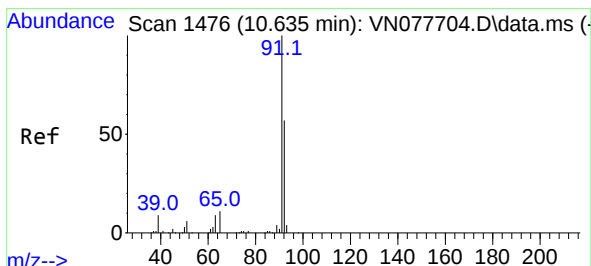
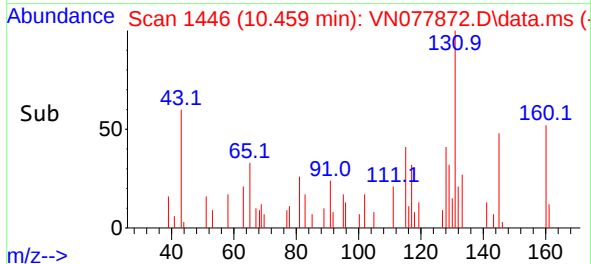
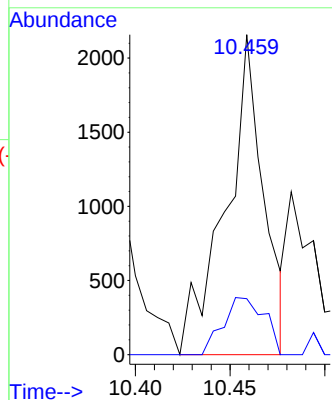
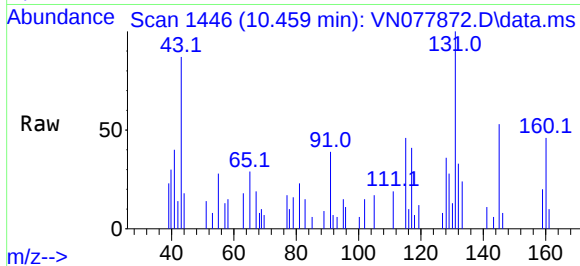




#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 10.459 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

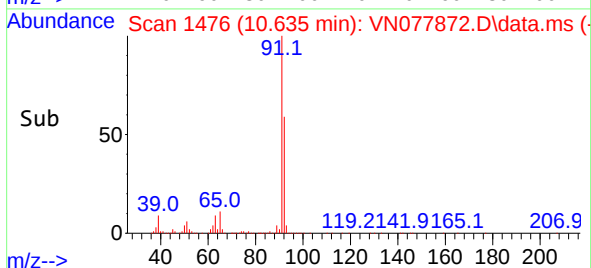
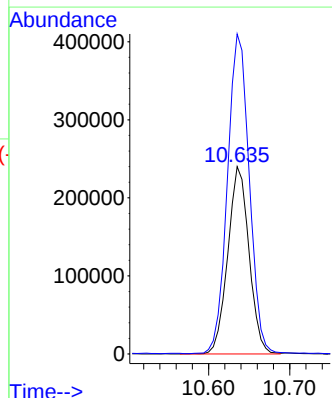
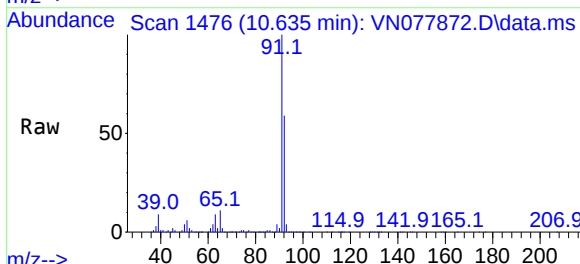
Instrument :
MSVOA_N
ClientSampleId :
2006

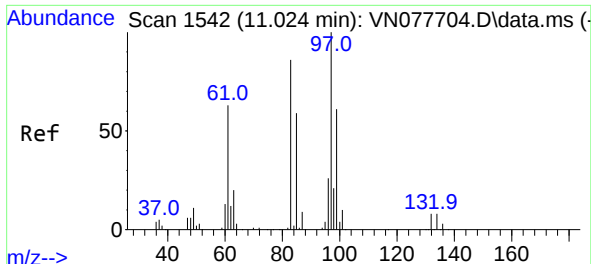
Tgt Ion: 43 Resp: 2997
Ion Ratio Lower Upper
43 100
58 19.5 36.6 54.8#



#52
Toluene
Concen: 35.547 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 92 Resp: 435448
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0

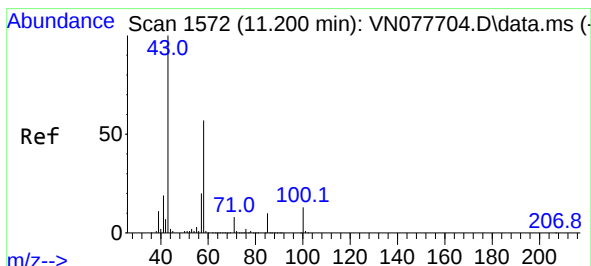
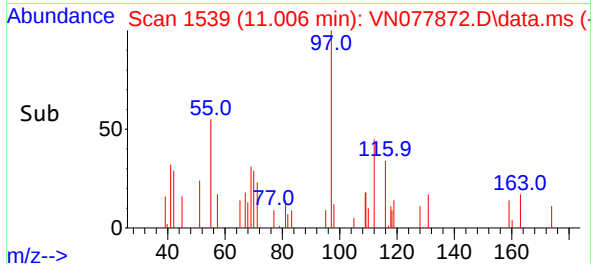
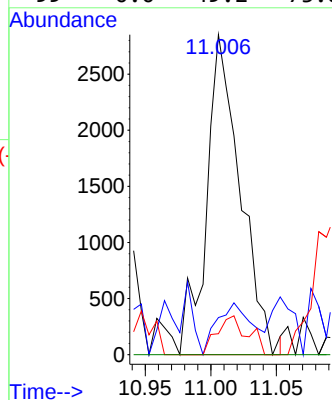
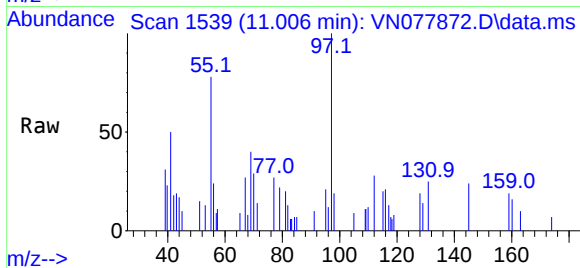




#55
1,1,2-Trichloroethane
Concen: 1.054 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

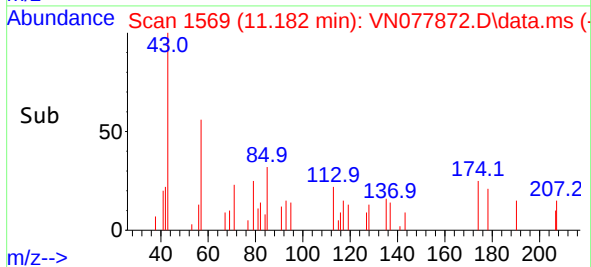
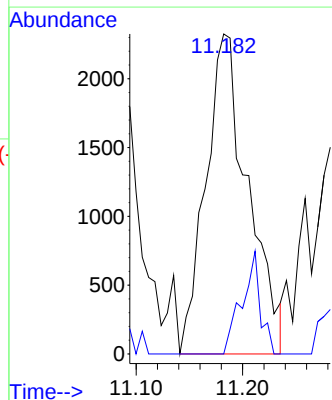
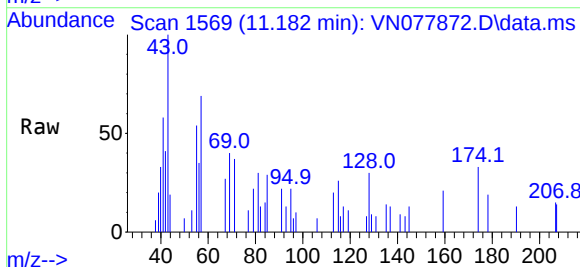
Instrument :
MSVOA_N
ClientSampleId :
2006

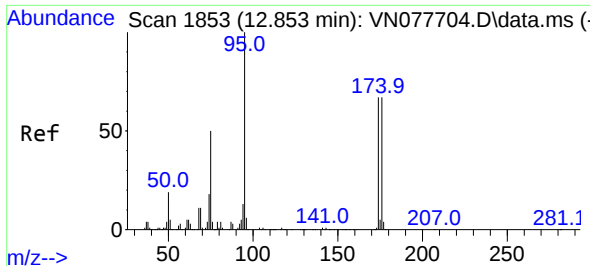
Tgt Ion: 97	Resp: 5126
Ion Ratio	Lower Upper
97	100
83	4.7 65.1 97.7#
85	6.5 43.4 65.2#
99	0.0 49.2 73.8#



#59
2-Hexanone
Concen: 1.500 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 43	Resp: 6402
Ion Ratio	Lower Upper
43	100
58	0.0 31.7 95.1#

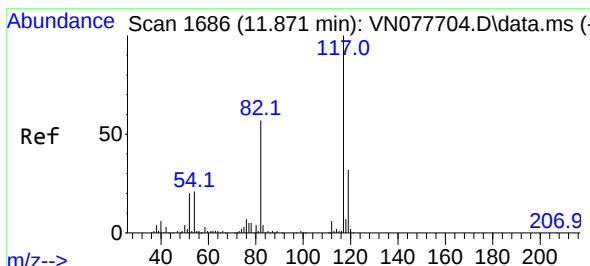
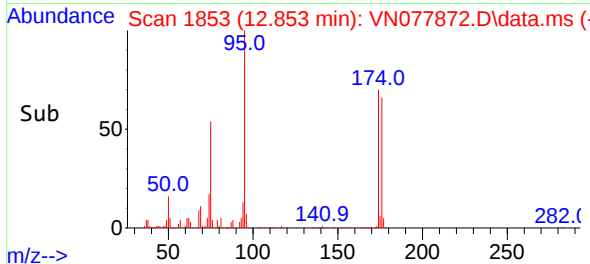
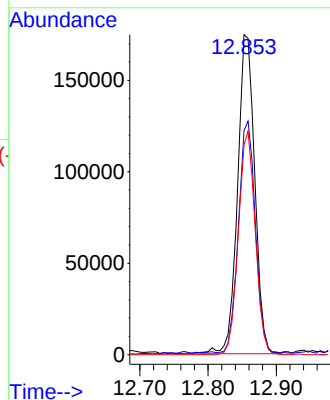
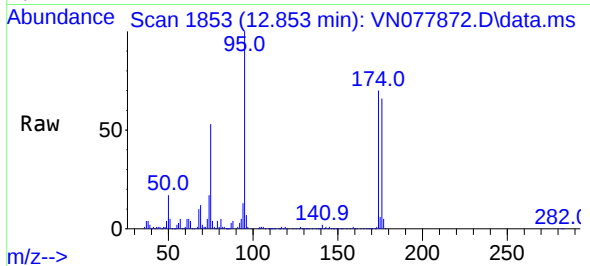




#62
4-Bromofluorobenzene
Concen: 49.321 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

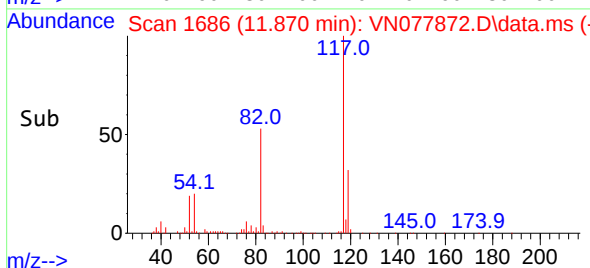
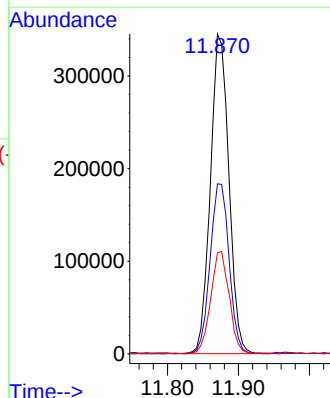
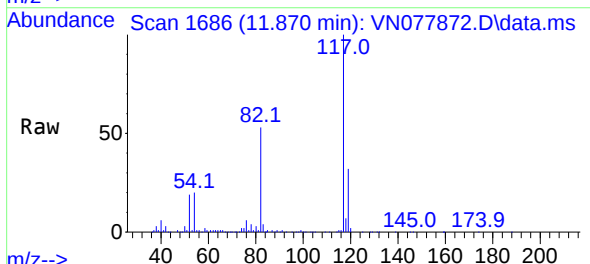
Instrument :
MSVOA_N
ClientSampleId :
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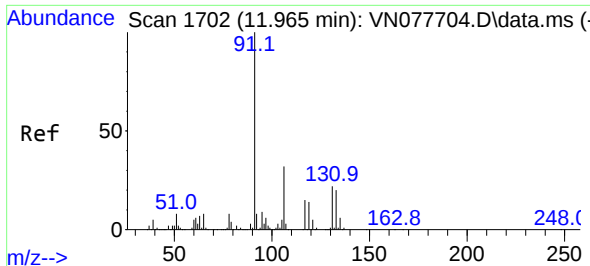
Tgt Ion: 95 Resp: 305656
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 68.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 117 Resp: 623174
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 31.5 25.6 38.4

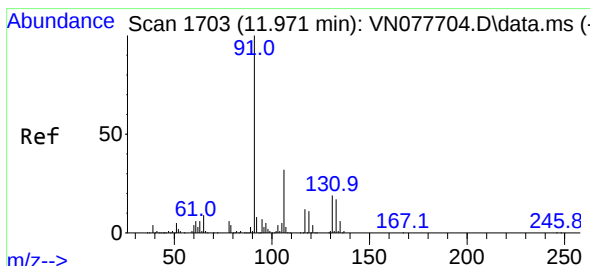
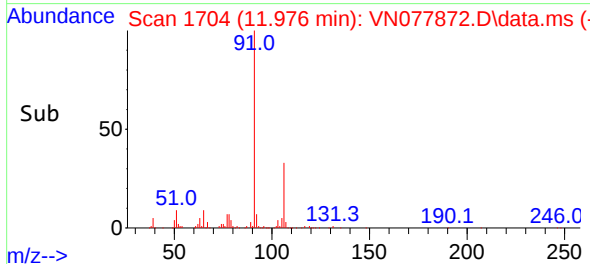
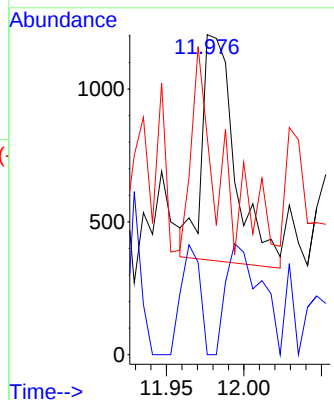
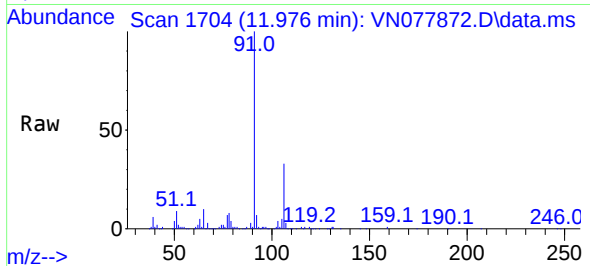




#66
1,1,1,2-Tetrachloroethane
Concen: 0.270 ug/l
RT: 11.976 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

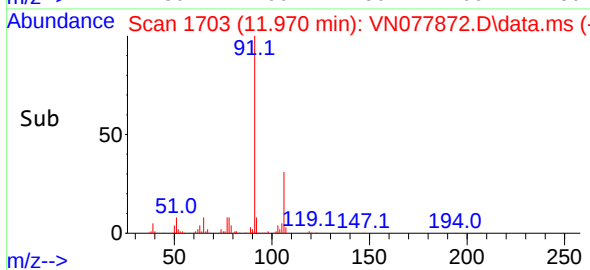
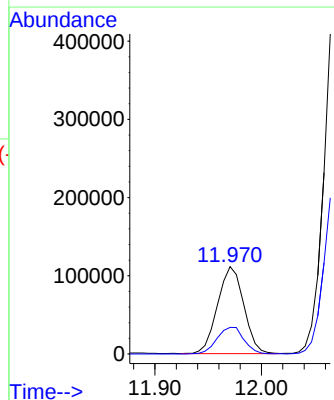
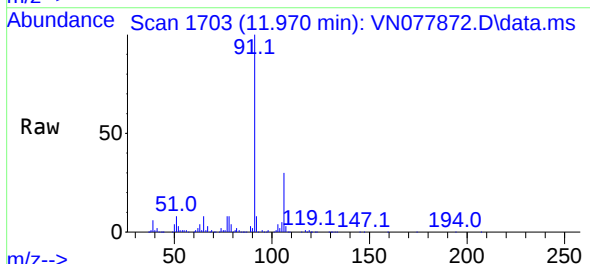
Instrument :
MSVOA_N
ClientSampleId :
2006

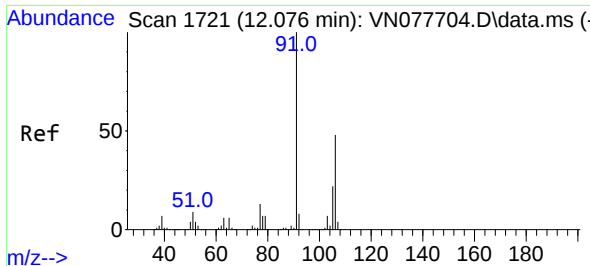
Tgt Ion:131 Resp: 1263
Ion Ratio Lower Upper
131 100
133 27.7 46.4 139.1#
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 7.852 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 91 Resp: 190107
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

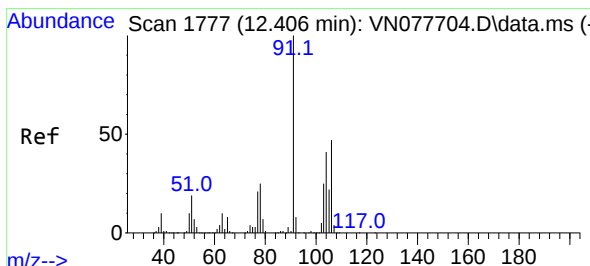
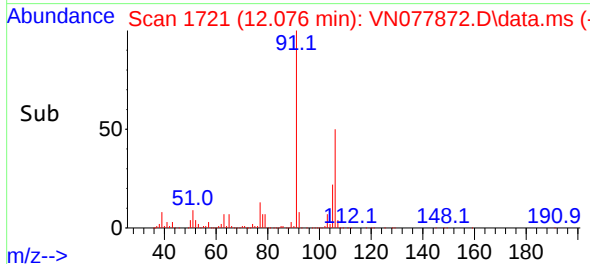
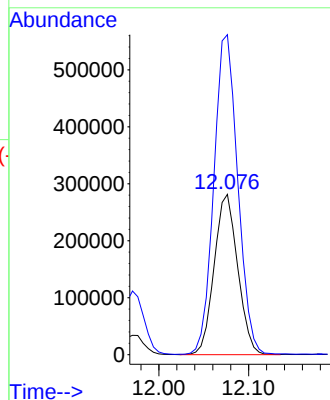
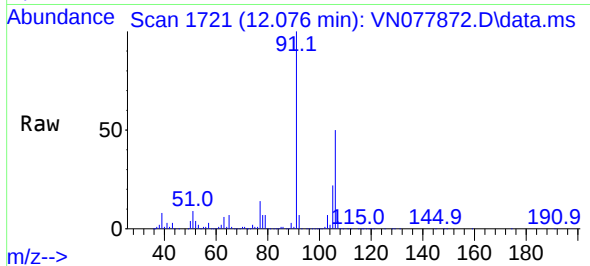




#68
m/p-Xylenes
Concen: 55.902 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

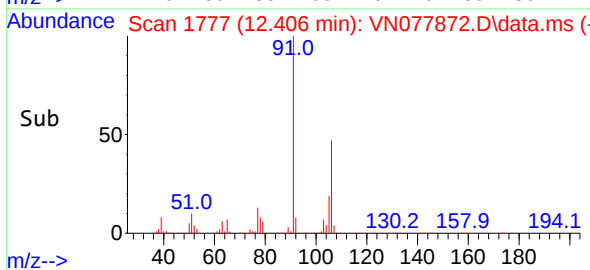
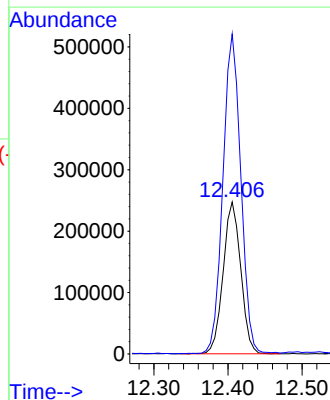
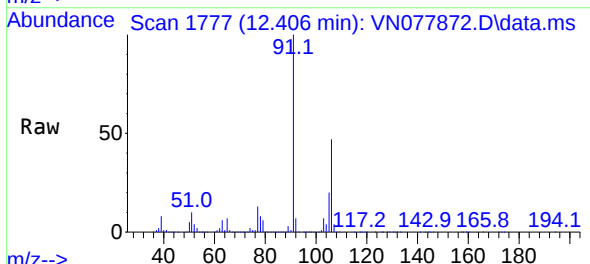
Instrument :
MSVOA_N
ClientSampleId :
2006

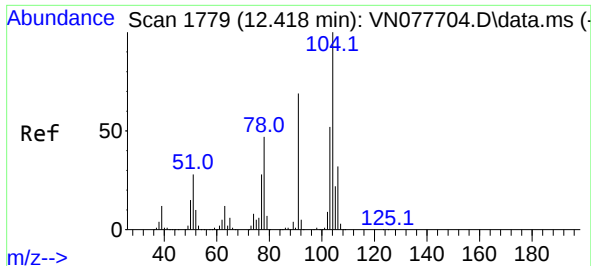
Tgt Ion:106 Resp: 512808
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4



#69
o-Xylene
Concen: 45.175 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:106 Resp: 407543
Ion Ratio Lower Upper
106 100
91 214.6 105.2 315.5

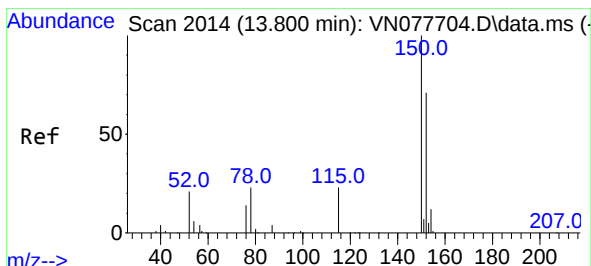
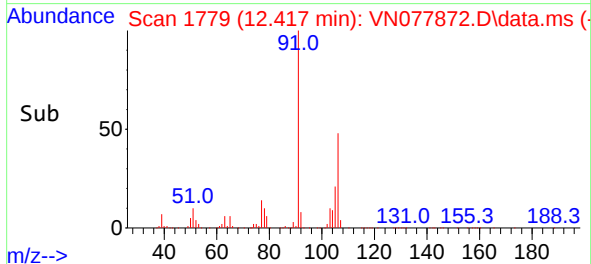
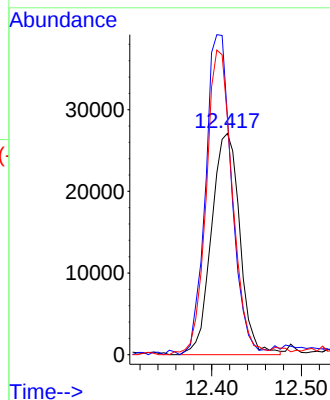
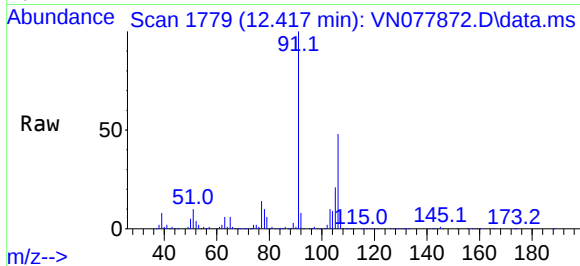




#70
Styrene
Concen: 4.148 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

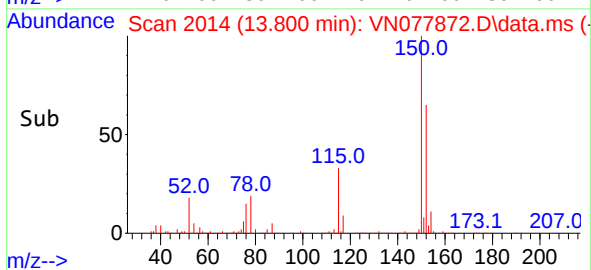
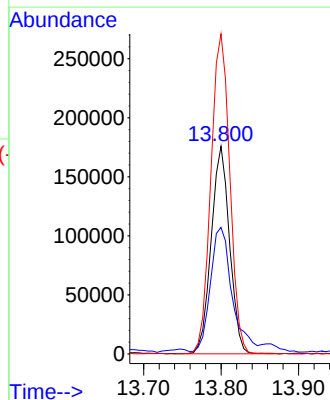
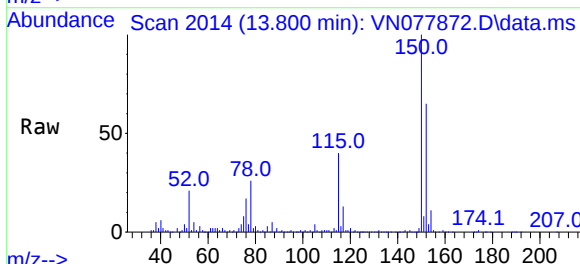
Instrument :
MSVOA_N
ClientSampleId :
2006

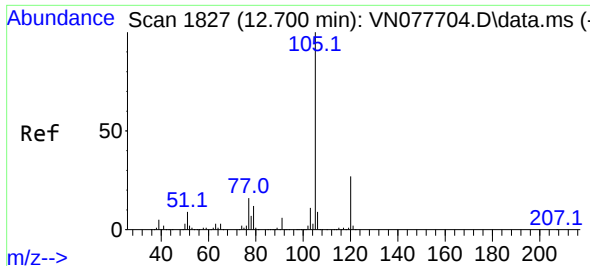
Tgt Ion:104 Resp: 59453
Ion Ratio Lower Upper
104 100
78 133.2 39.5 59.3#
103 127.3 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:152 Resp: 289018
Ion Ratio Lower Upper
152 100
115 69.7 32.3 96.8
150 159.1 0.0 355.8

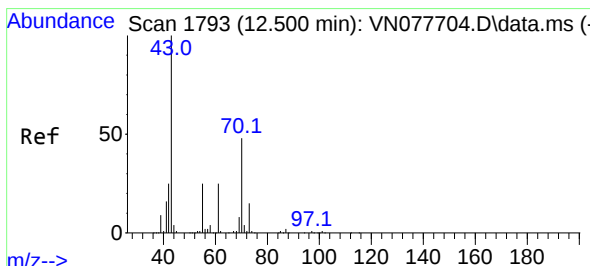
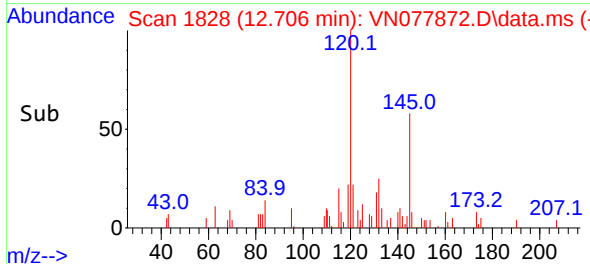
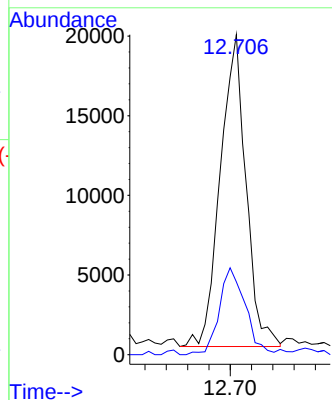
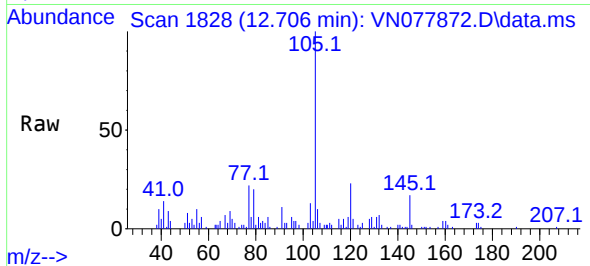




#73
Isopropylbenzene
Concen: 1.313 ug/l
RT: 12.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

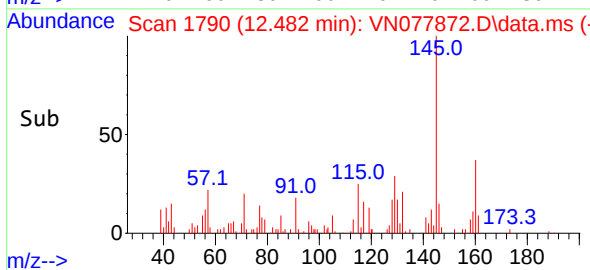
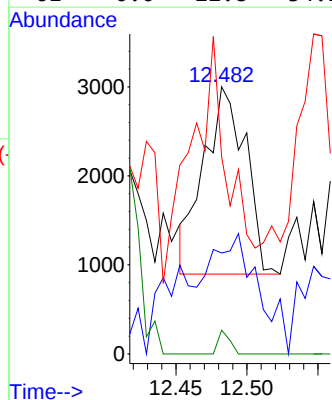
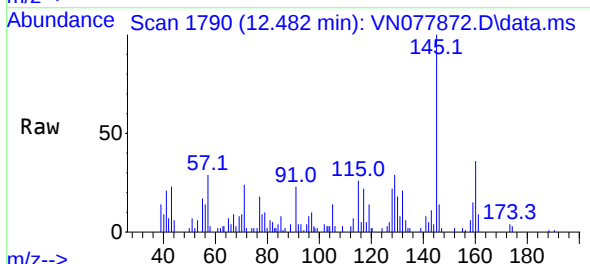
Instrument :
MSVOA_N
ClientSampleId :
2006

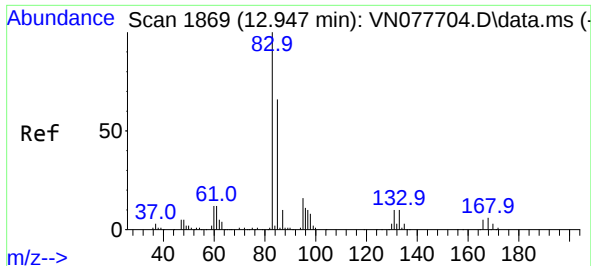
Tgt Ion:105 Resp: 32720
Ion Ratio Lower Upper
105 100
120 28.2 13.1 39.1



#74
N-ethyl acetate
Concen: 0.468 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 43 Resp: 4307
Ion Ratio Lower Upper
43 100
70 42.0 43.4 65.2#
55 115.8 21.4 32.0#
61 0.0 22.8 34.2#

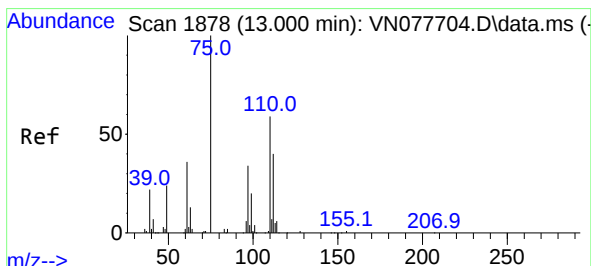
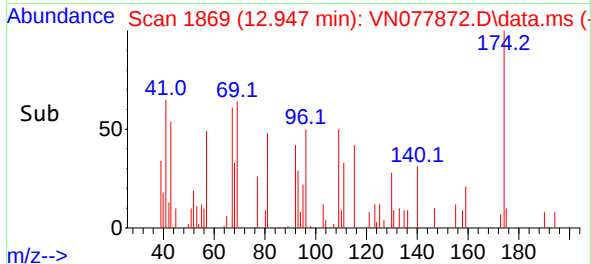
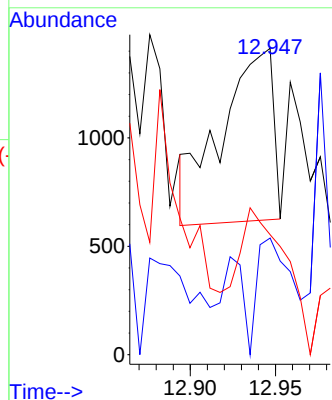
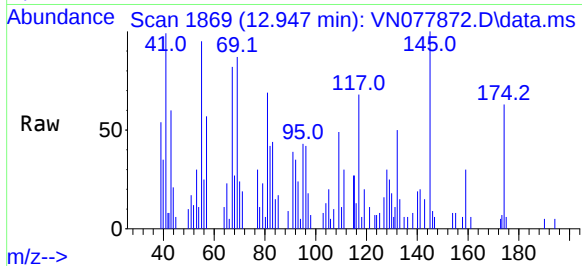




#75
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/l
RT: 12.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

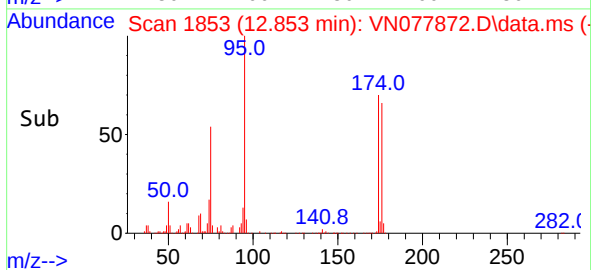
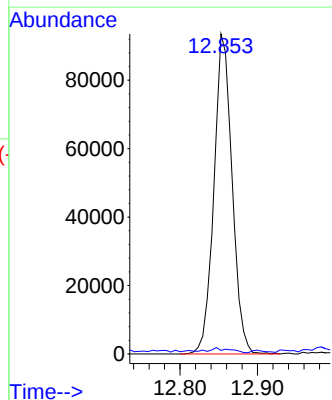
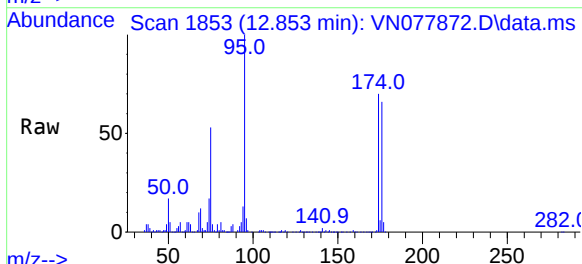
Instrument :
MSVOA_N
ClientSampleId :
2006

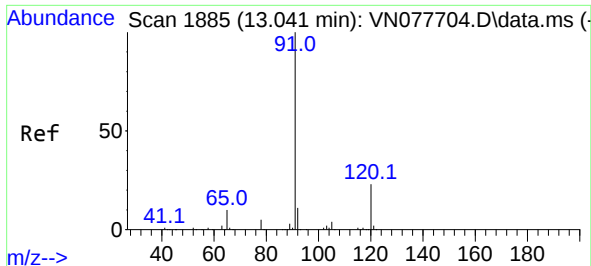
Tgt Ion: 83 Resp: 1682
Ion Ratio Lower Upper
83 100
131 44.4 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 21.130 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 75 Resp: 152940
Ion Ratio Lower Upper
75 100
77 1.7 84.5 253.5#

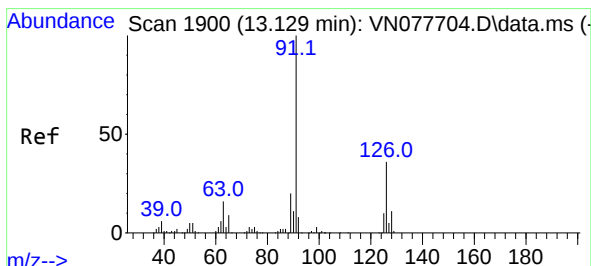
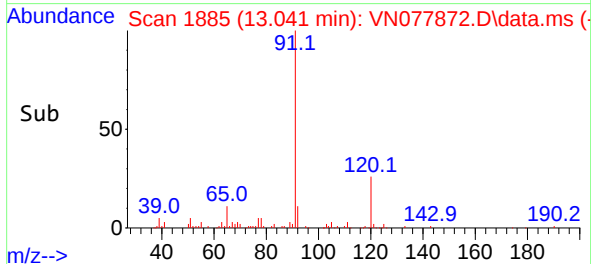
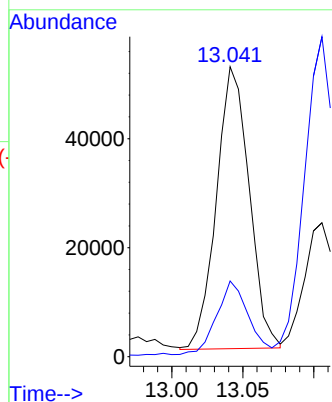
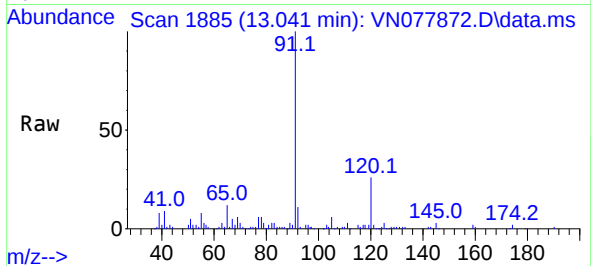




#78
n-propylbenzene
Concen: 2.830 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

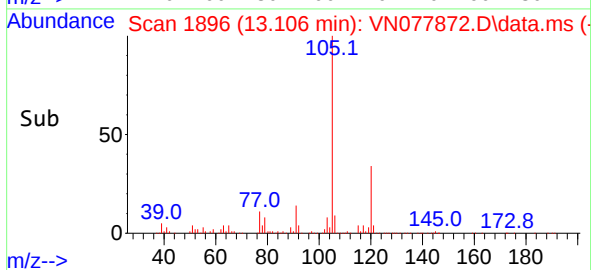
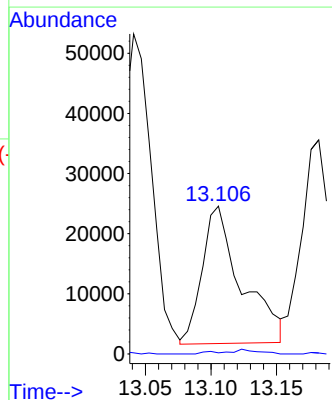
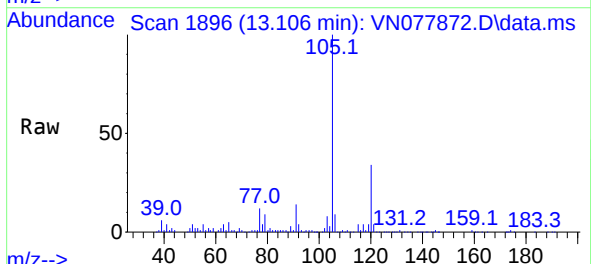
Instrument :
MSVOA_N
ClientSampleId :
2006

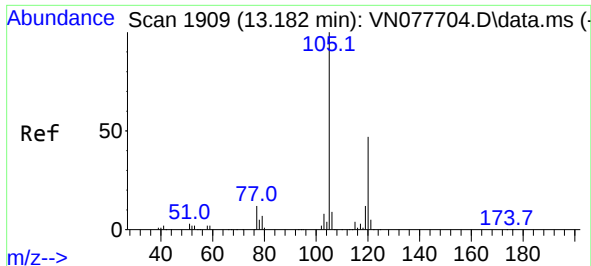
Tgt Ion: 91 Resp: 83115
Ion Ratio Lower Upper
91 100
120 26.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.728 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.023 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 91 Resp: 47812
Ion Ratio Lower Upper
91 100
126 0.7 16.3 48.8#

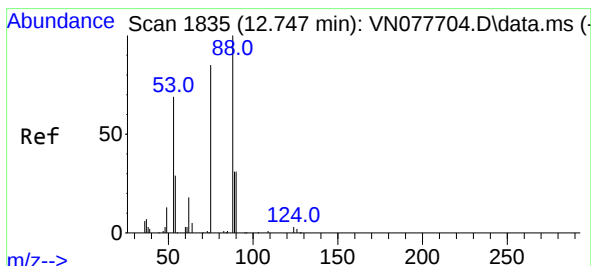
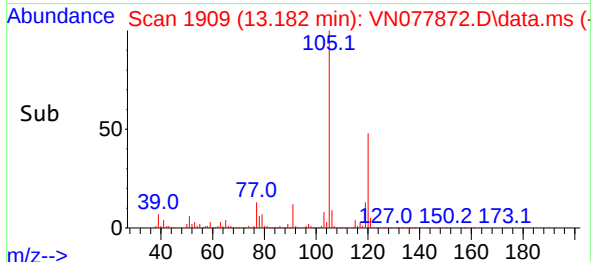
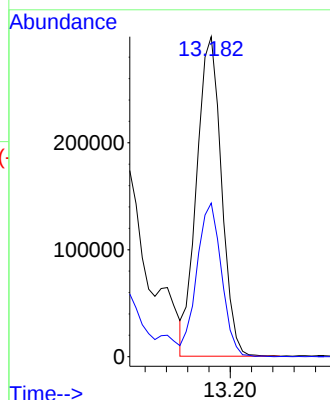
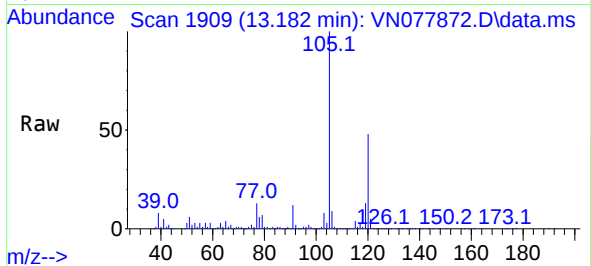




#80
1,3,5-Trimethylbenzene
Concen: 23.086 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

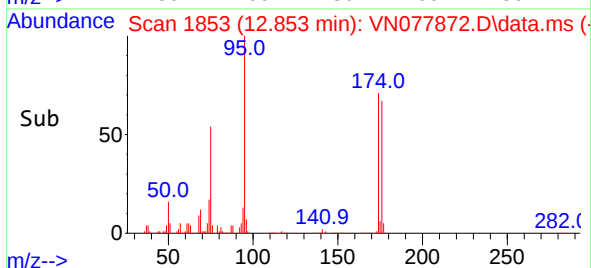
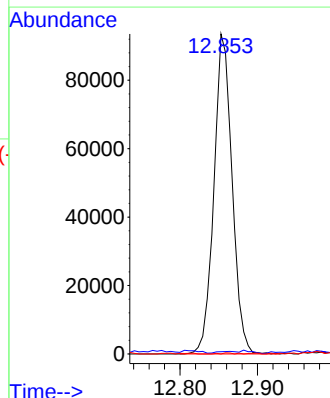
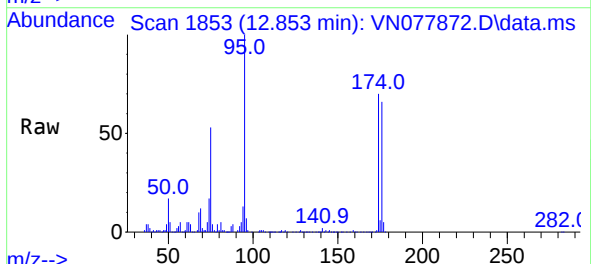
Instrument :
MSVOA_N
ClientSampleId :
2006

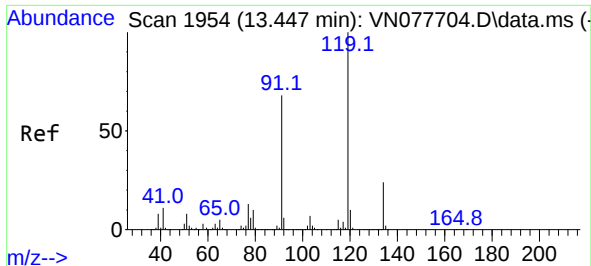
Tgt Ion:105 Resp: 483392
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 67.542 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion: 75 Resp: 152940
Ion Ratio Lower Upper
75 100
53 0.5 67.4 101.2#
89 0.2 38.8 58.2#

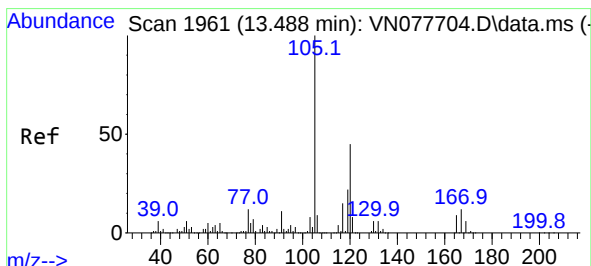
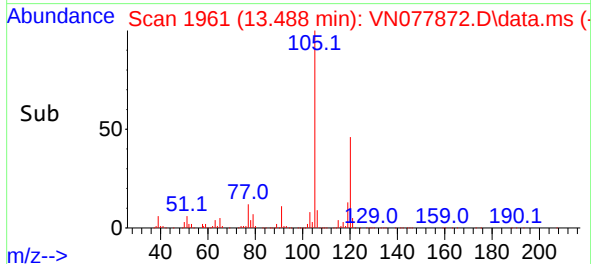
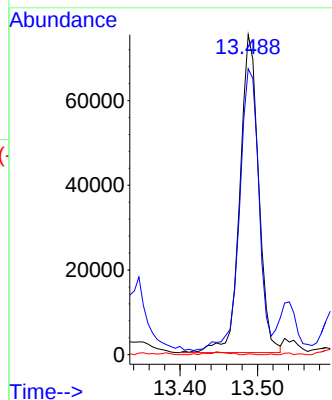
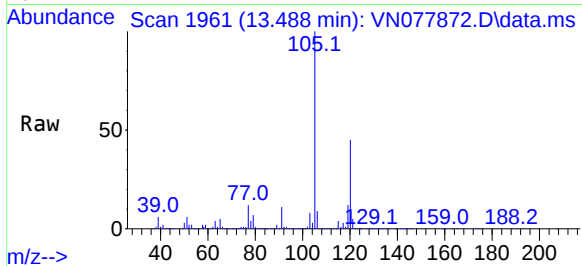




#83
tert-Butylbenzene
Concen: 6.930 ug/l
RT: 13.488 min Scan# 1954
Delta R.T. 0.041 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

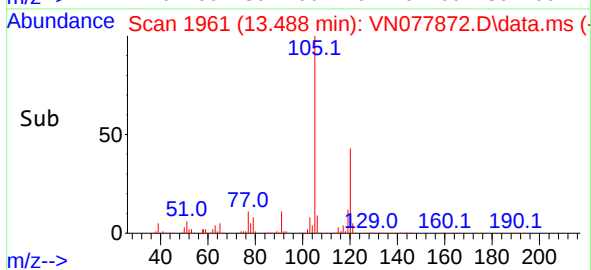
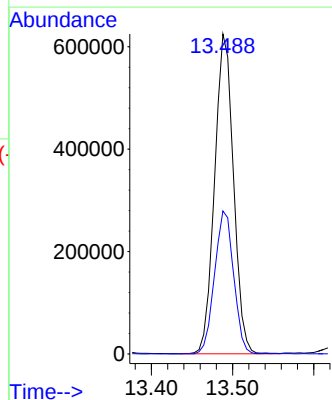
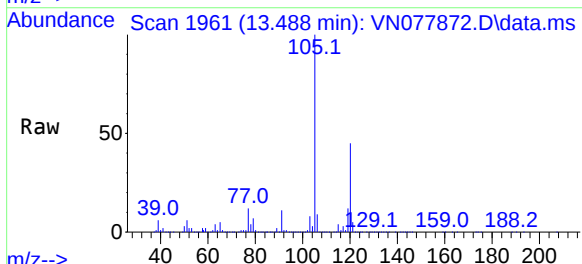
Instrument :
MSVOA_N
ClientSampleId :
2006

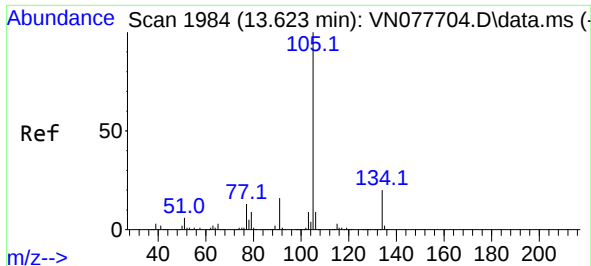
Tgt Ion:119 Resp: 126682
Ion Ratio Lower Upper
119 100
91 91.0 33.9 101.7
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 48.968 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:105 Resp: 1008403
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

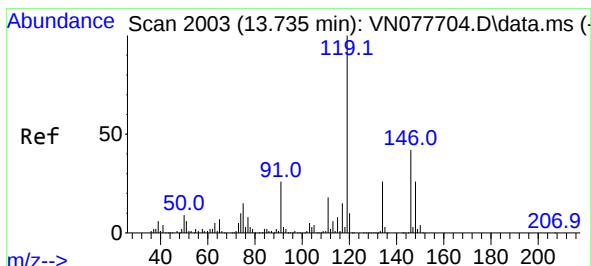
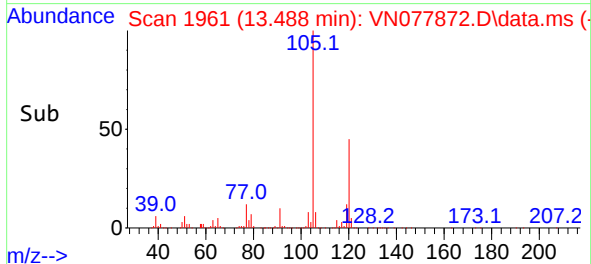
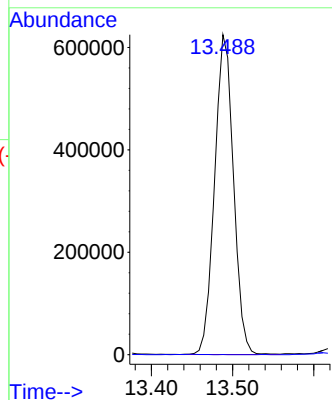
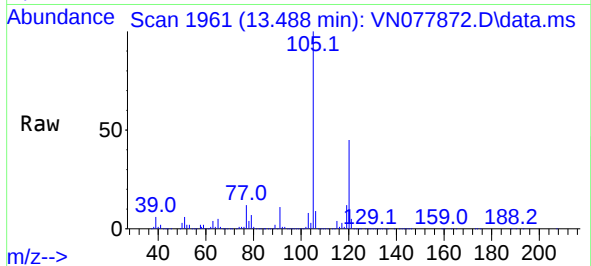




#85
sec-Butylbenzene
Concen: 38.817 ug/l
RT: 13.488 min Scan# 1984
Delta R.T. -0.135 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

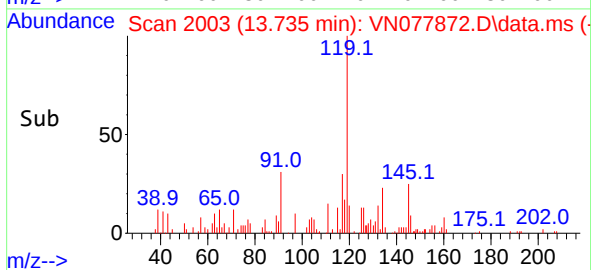
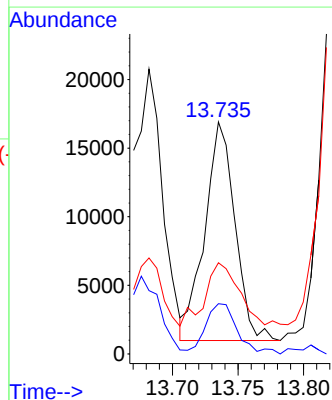
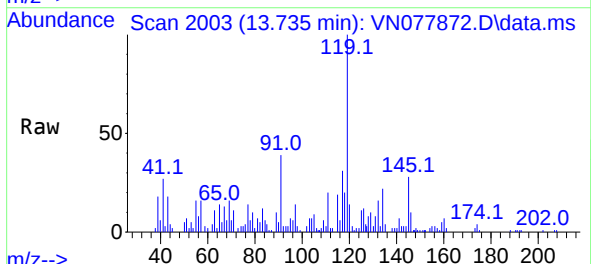
Instrument :
MSVOA_N
ClientSampleId :
2006

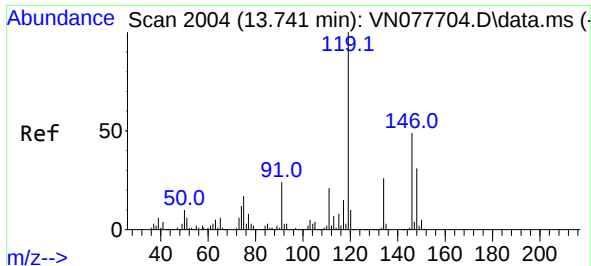
Tgt Ion:105 Resp: 1008403
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 1.231 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:119 Resp: 25486
Ion Ratio Lower Upper
119 100
134 24.0 12.6 37.8
91 33.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.428 ug/l

RT: 13.729 min Scan# 2006

Delta R.T. -0.012 min

Lab File: VN077872.D

Acq: 25 May 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

2006

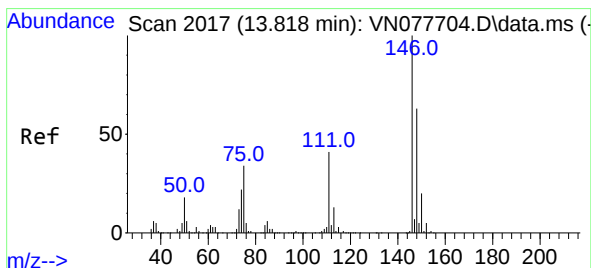
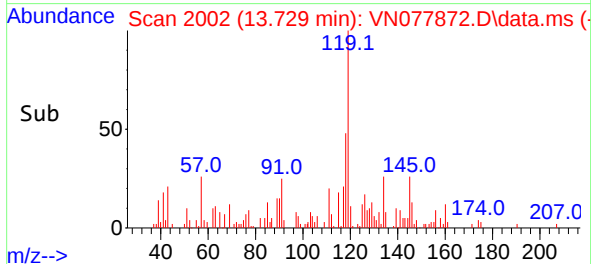
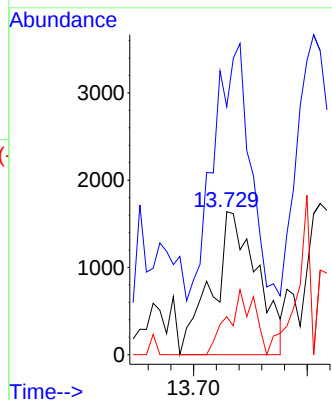
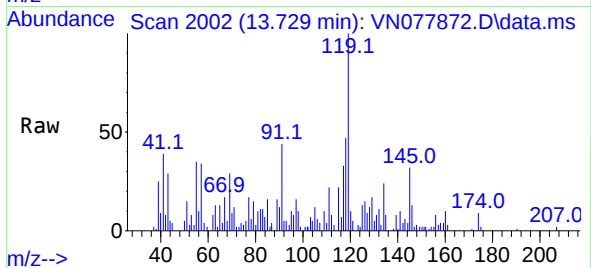
Tgt Ion:146 Resp: 4496

Ion Ratio Lower Upper

146 100

111 145.3 22.1 66.3#

148 26.8 32.0 96.0#



#88

1,4-Dichlorobenzene

Concen: 0.377 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.005 min

Lab File: VN077872.D

Acq: 25 May 2023 01:24

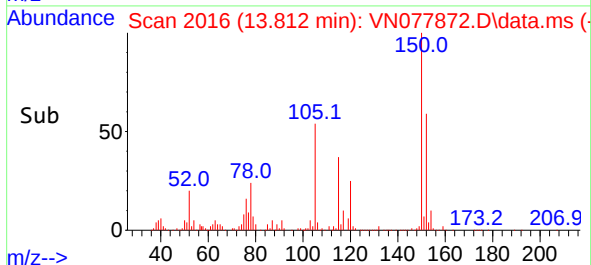
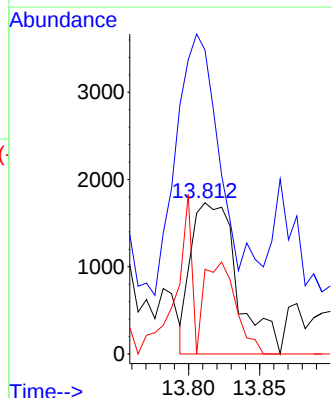
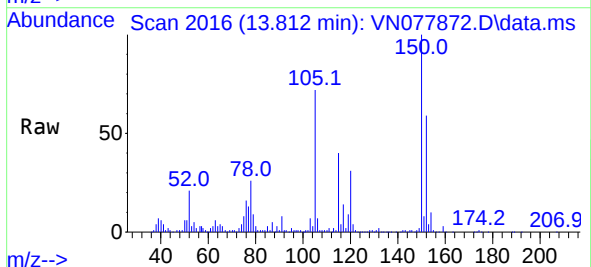
Tgt Ion:146 Resp: 3936

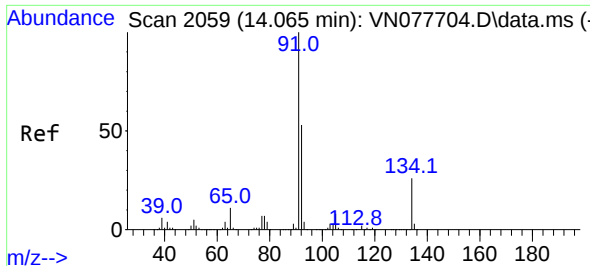
Ion Ratio Lower Upper

146 100

111 166.7 20.6 61.8#

148 35.3 31.6 94.8

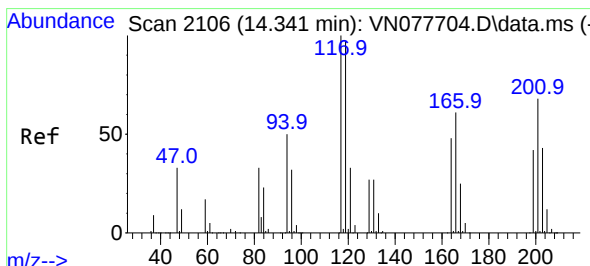
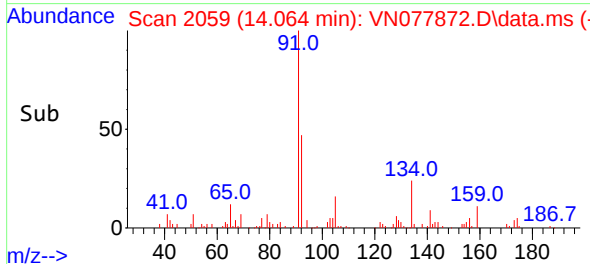
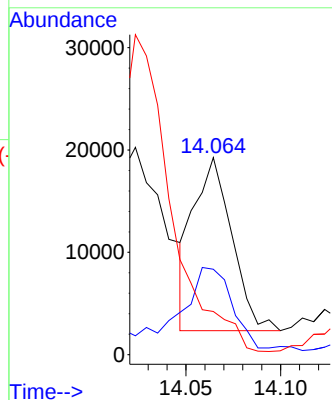
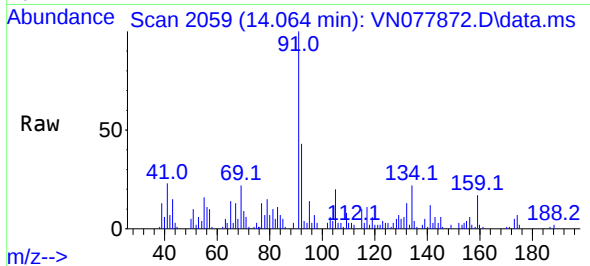




#89
n-Butylbenzene
Concen: 1.248 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

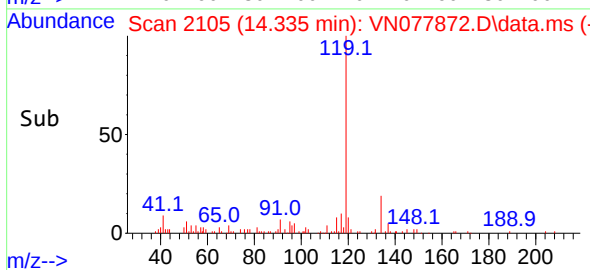
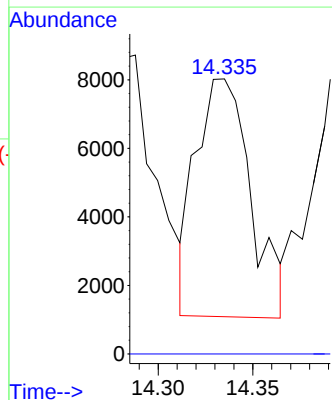
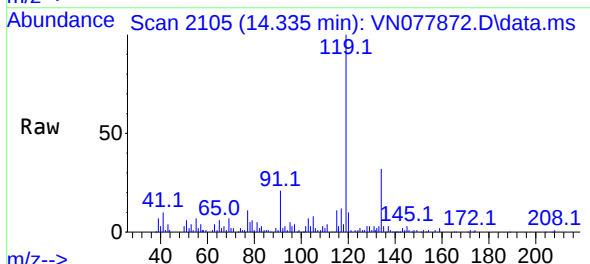
Instrument :
MSVOA_N
ClientSampleId :
2006

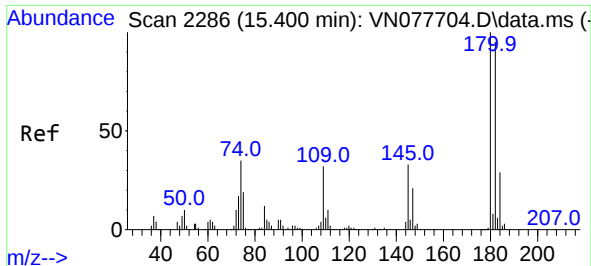
Tgt Ion: 91 Resp: 23778
Ion Ratio Lower Upper
91 100
92 61.3 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 4.130 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

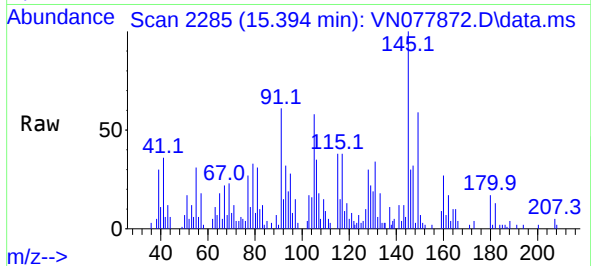
Tgt Ion: 117 Resp: 14053
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



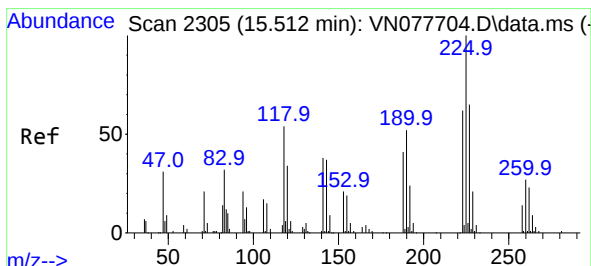
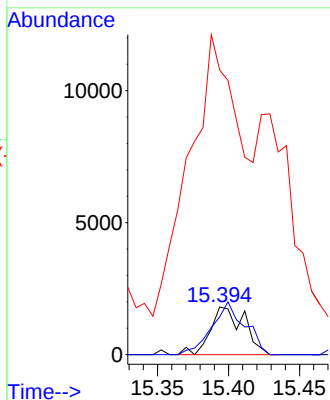
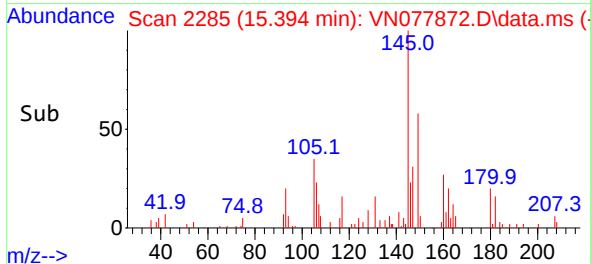


#93
1,2,4-Trichlorobenzene
Concen: 0.522 ug/l
RT: 15.394 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
2006

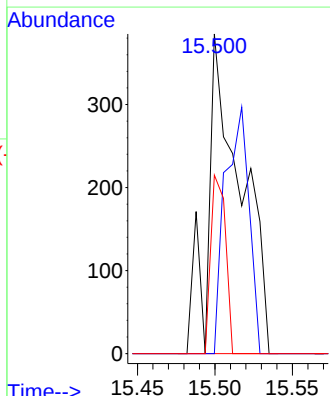
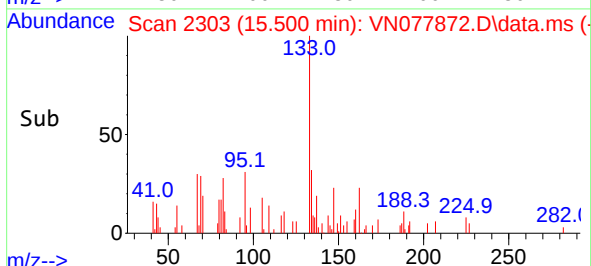
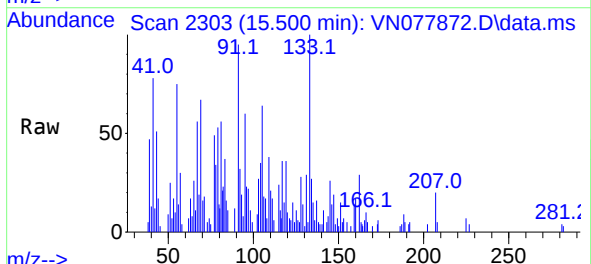


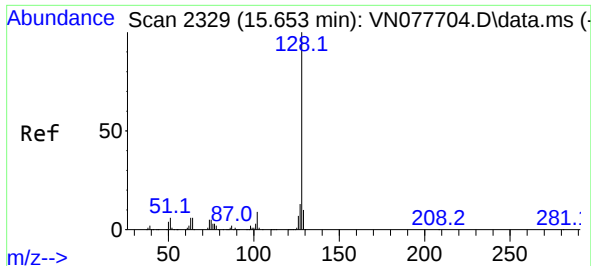
Tgt Ion:180 Resp: 2999
Ion Ratio Lower Upper
180 100
182 107.8 46.1 138.2
145 893.3 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:225 Resp: 571
Ion Ratio Lower Upper
225 100
223 55.3 31.3 93.8
227 24.9 31.9 95.9#

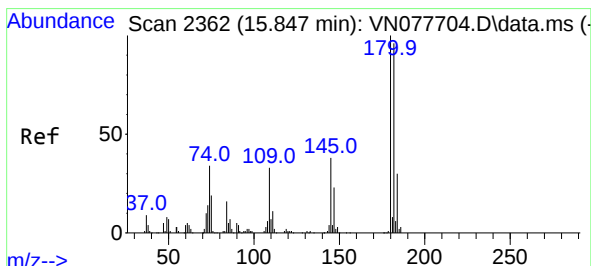
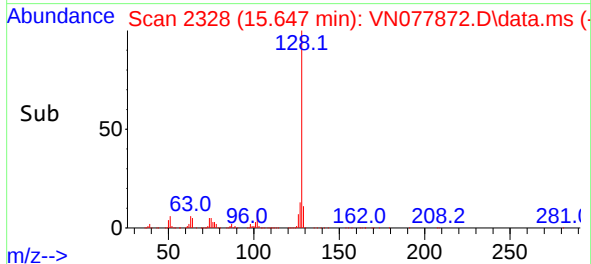
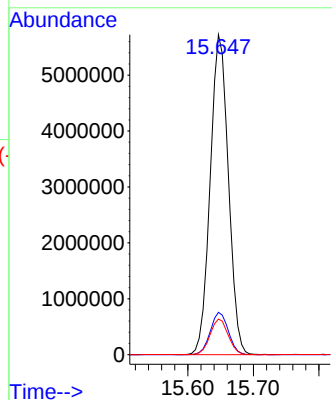
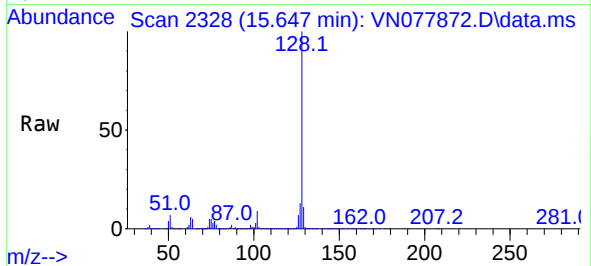




#95
Naphthalene
Concen: 556.828 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
2006

Tgt Ion:128 Resp:11001426
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.636 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077872.D
Acq: 25 May 2023 01:24

Tgt Ion:180 Resp: 3572
Ion Ratio Lower Upper
180 100
182 103.6 46.2 138.6
145 946.4 17.5 52.6#

