

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075803.D
 Acq On : 15 Dec 2022 06:27
 Operator : JC\MD
 Sample : N5990-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120822

Quant Time: Dec 15 07:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	401931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	555447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	264187	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200188	45.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.560%
35) Dibromofluoromethane	8.177	113	181092	47.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.571	98	720050	50.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.853	95	260953	54.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.640%

Target Compounds			Qvalue			
3) Chloromethane	2.295	50	2996	0.844	ug/l #	40
6) Chloroethane	3.159	64	1016	0.324	ug/l #	44
11) Tert butyl alcohol	5.547	59	3857	6.234	ug/l #	72
13) Acrolein	4.159	56	2451	3.231	ug/l #	1
14) Allyl chloride	5.165	41	10696	2.569	ug/l #	61
15) Acrylonitrile	5.824	53	9514	5.635	ug/l #	42
16) Acetone	4.430	43	12049	7.994	ug/l #	55
18) Methyl Acetate	5.130	43	5352	1.201	ug/l #	45
19) Methyl tert-butyl Ether	5.812	73	75224	6.413	ug/l #	1
20) Methylene Chloride	5.159	84	3842	0.316	ug/l #	20
22) Diisopropyl ether	6.677	45	6206	0.613	ug/l #	24
23) Vinyl Acetate	6.589	43	6851	1.006	ug/l #	65
25) 2-Butanone	7.506	43	4220	1.999	ug/l #	40
26) 2,2-Dichloropropane	7.341	77	5637	0.987	ug/l #	50
28) Bromochloromethane	8.012	49	833	0.282	ug/l #	4
29) Tetrahydrofuran	7.841	42	557	0.421	ug/l #	25
30) Chloroform	7.947	83	15585	2.052	ug/l #	20
31) Cyclohexane	8.265	56	248762	39.723	ug/l #	90
36) 1,1-Dichloropropene	8.230	75	27988	5.482	ug/l #	50
37) Ethyl Acetate	7.506	43	4220	1.029	ug/l #	73
38) Carbon Tetrachloride	8.230	117	39698	6.947	ug/l #	15
39) Methylcyclohexane	9.606	83	275064	44.654	ug/l	99
40) Benzene	8.612	78	765248	48.577	ug/l	99
41) Methacrylonitrile	7.741	41	678	0.318	ug/l #	18
43) Isopropyl Acetate	8.712	43	21382	3.161	ug/l #	50
45) 1,2-Dichloropropane	9.600	63	3945	1.029	ug/l #	1
47) Bromodichloromethane	9.871	83	5750	1.031	ug/l #	32
48) Methyl methacrylate	9.600	41	152100	49.917	ug/l #	56
51) 4-Methyl-2-Pentanone	10.447	43	1312	0.321	ug/l #	80
52) Toluene	10.635	92	110048	10.726	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	32452	8.059	ug/l #	21
56) Ethyl methacrylate	10.918	69	4228	0.790	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.159	63	799	0.469	ug/l #	42
59) 2-Hexanone	11.241	43	783	0.262	ug/l	86
60) Dibromochloromethane	11.106	129	1428	0.319	ug/l #	11
64) Tetrachloroethene	11.112	164	1469	0.376	ug/l #	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075803.D
 Acq On : 15 Dec 2022 06:27
 Operator : JC\MD
 Sample : N5990-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120822

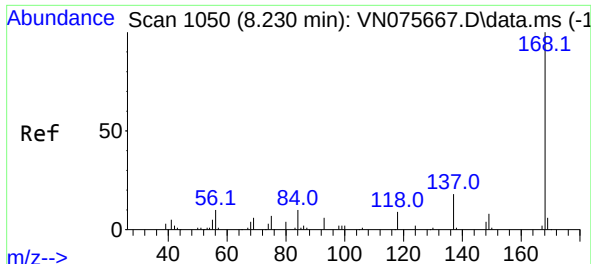
Quant Time: Dec 15 07:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.900	112	9417	0.826	ug/l #	88
68) m/p-Xylenes	12.076	106	15594745	2047.743	ug/l #	1
69) o-Xylene	12.400	106	7079203	939.331	ug/l	97
70) Styrene	12.400	104	358528	29.920	ug/l #	1
71) Bromoform	12.853	173	1778	0.579	ug/l #	1
73) Isopropylbenzene	12.700	105	2152998	112.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.953	83	3067	0.520	ug/l #	52
76) 1,2,3-Trichloropropane	13.041	75	44985	8.447	ug/l #	1
78) n-propylbenzene	13.041	91	7161396	340.101	ug/l	98
79) 2-Chlorotoluene	13.135	91	954502	72.618	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	5403193	338.155	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.700	75	24978	16.883	ug/l #	66
82) 4-Chlorotoluene	13.135	91	954502	72.618	ug/l #	40
83) tert-Butylbenzene	13.488	119	4201209	298.215	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.341	105	11332528	714.930	ug/l	77
85) sec-Butylbenzene	13.823	105	11940563	614.082	ug/l #	56
86) p-Isopropyltoluene	13.735	119	132597	8.195	ug/l #	78
89) n-Butylbenzene	14.059	91	253116	19.311	ug/l #	68
90) Hexachloroethane	14.335	117	292751	101.151	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.694	75	17501	16.712	ug/l #	1
95) Naphthalene	15.647	128	13228525	882.164	ug/l	99

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

Quant Time: Dec 15 07:45:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

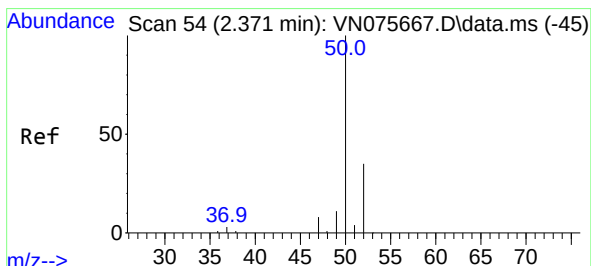
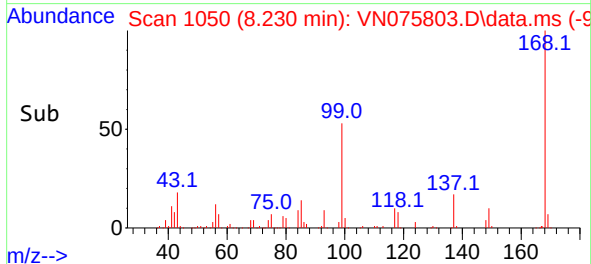
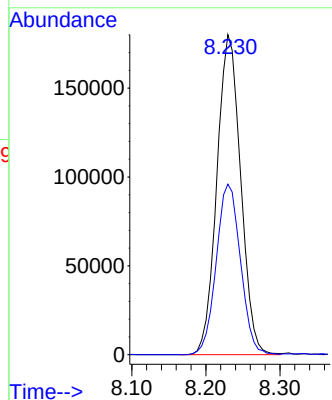
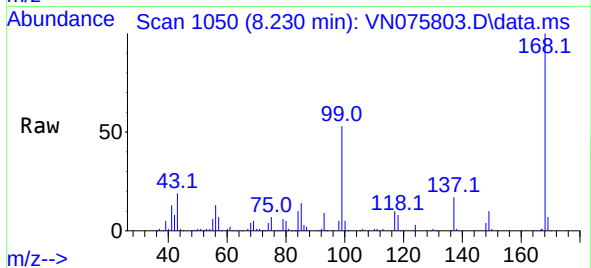




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

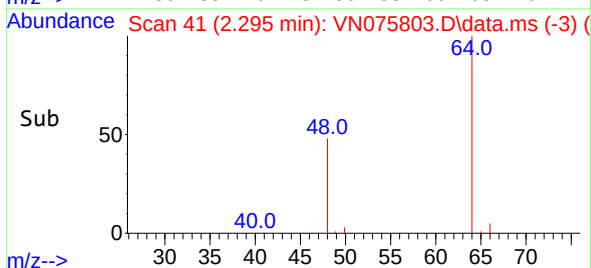
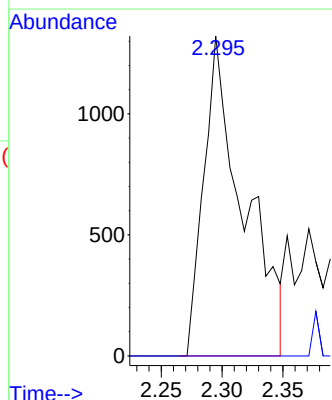
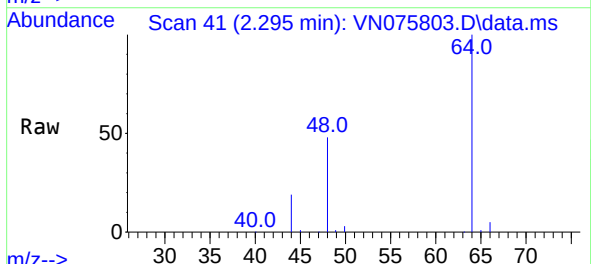
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

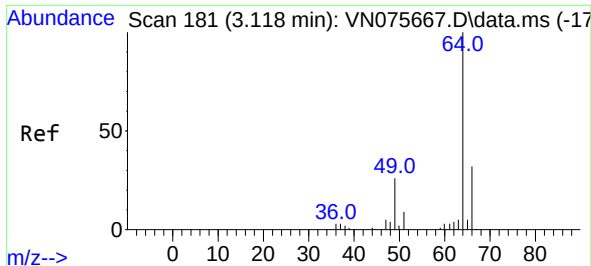
Tgt Ion:168 Resp: 401931
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#3
Chloromethane
Concen: 0.844 ug/l
RT: 2.295 min Scan# 41
Delta R.T. -0.076 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 50 Resp: 2996
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

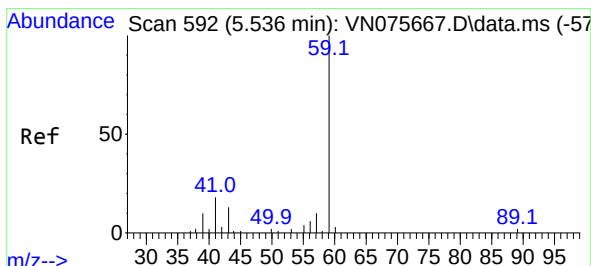
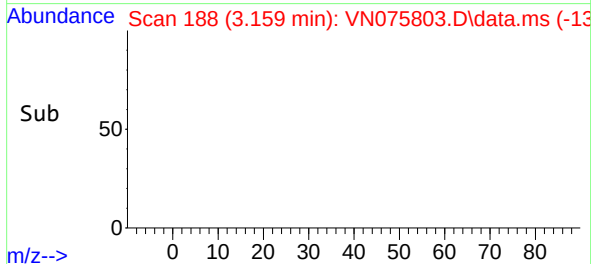
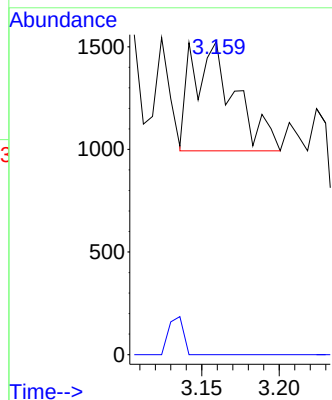
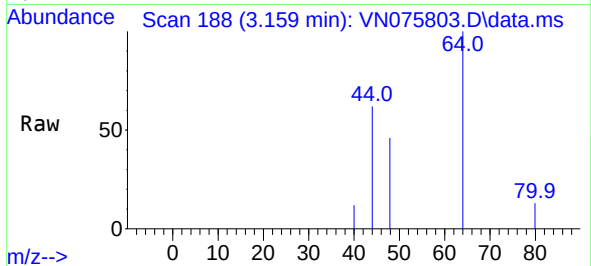




#6
Chloroethane
Concen: 0.324 ug/l
RT: 3.159 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

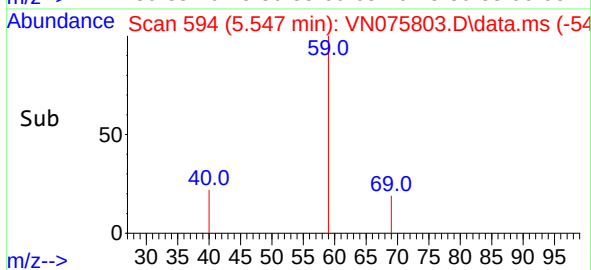
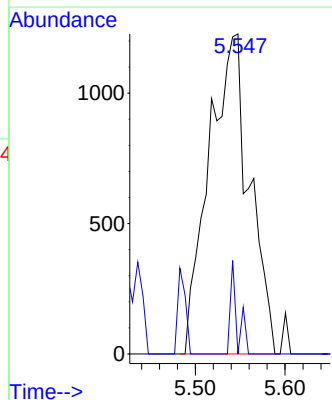
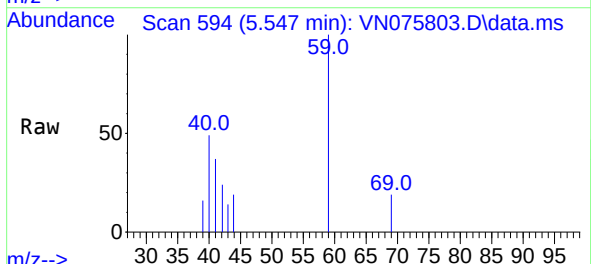
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

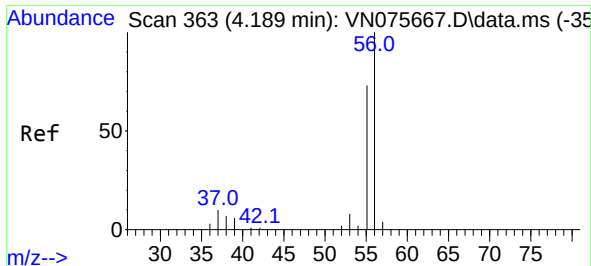
Tgt Ion: 64 Resp: 1016
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#11
Tert butyl alcohol
Concen: 6.234 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 59 Resp: 3857
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

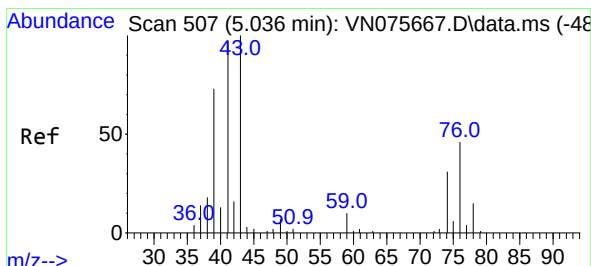
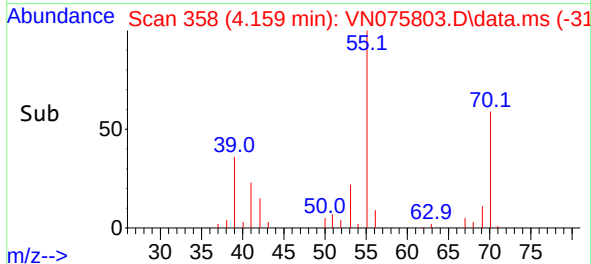
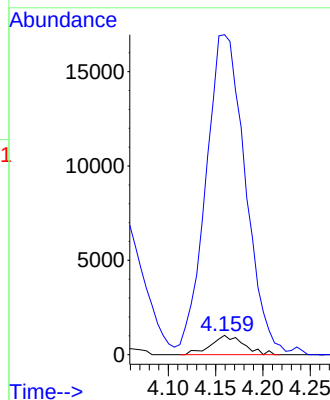
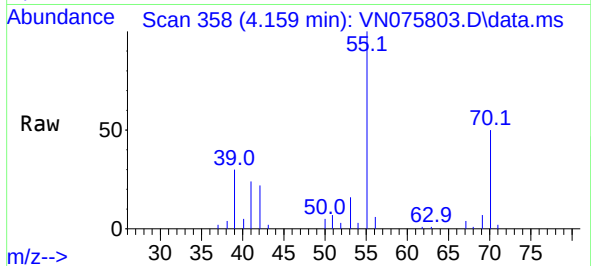




#13
Acrolein
Concen: 3.231 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

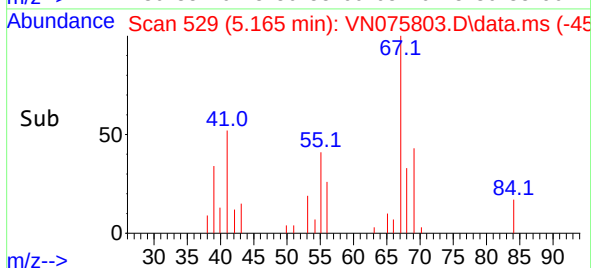
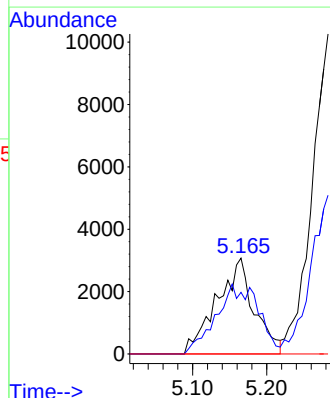
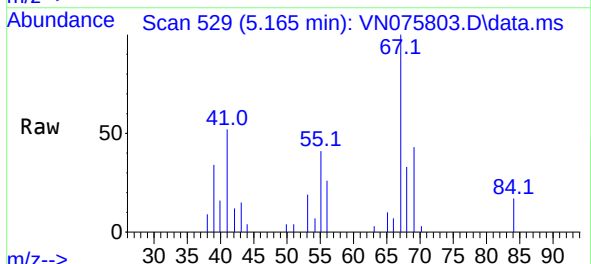
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

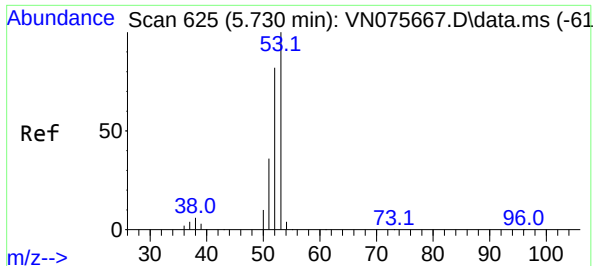
Tgt Ion: 56 Resp: 2451
Ion Ratio Lower Upper
56 100
55 1962.3 54.8 82.2#



#14
Allyl chloride
Concen: 2.569 ug/l
RT: 5.165 min Scan# 529
Delta R.T. 0.129 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 41 Resp: 10696
Ion Ratio Lower Upper
41 100
39 55.1 58.3 87.5#
76 0.0 35.8 53.6#





#15

Acrylonitrile

Concen: 5.635 ug/l

RT: 5.824 min Scan# 641

Delta R.T. 0.100 min

Lab File: VN075803.D

Acq: 15 Dec 2022 06:27

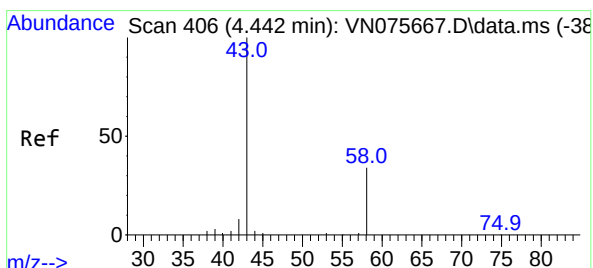
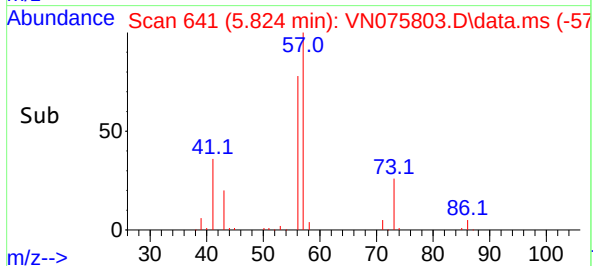
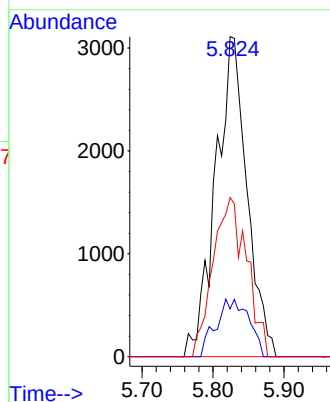
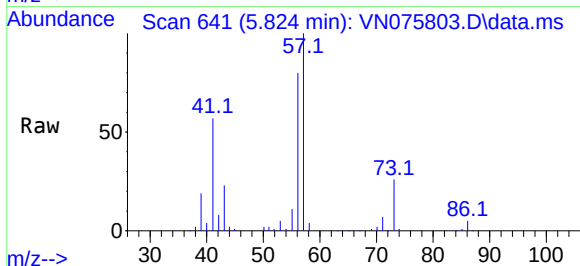
Instrument :

MSVOA_N

ClientSampleId :

DUP120822

Tgt Ion: 53	Resp: 9514
Ion Ratio	Lower Upper
53	100
52	18.8 65.4 98.0#
51	53.9 28.9 43.3#



#16

Acetone

Concen: 7.994 ug/l

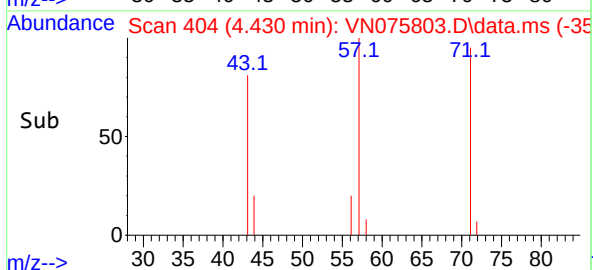
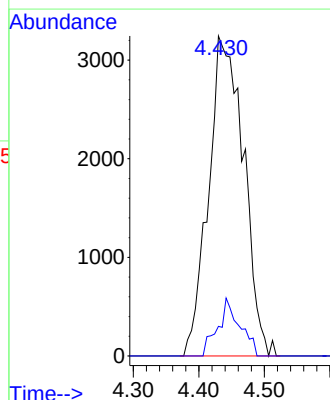
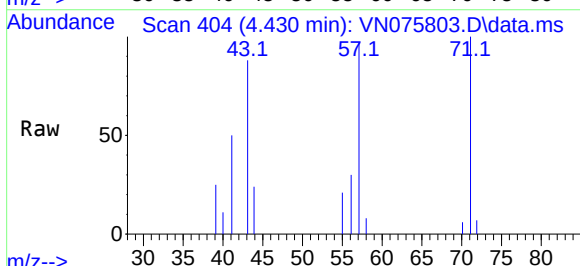
RT: 4.430 min Scan# 404

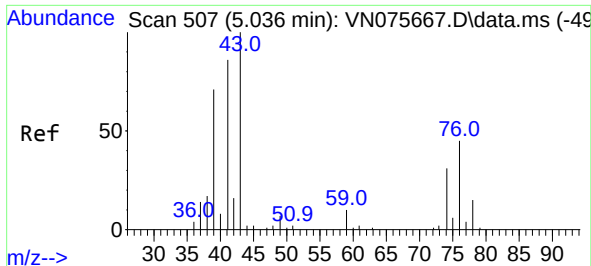
Delta R.T. -0.012 min

Lab File: VN075803.D

Acq: 15 Dec 2022 06:27

Tgt Ion: 43	Resp: 12049
Ion Ratio	Lower Upper
43	100
58	9.2 28.6 43.0#

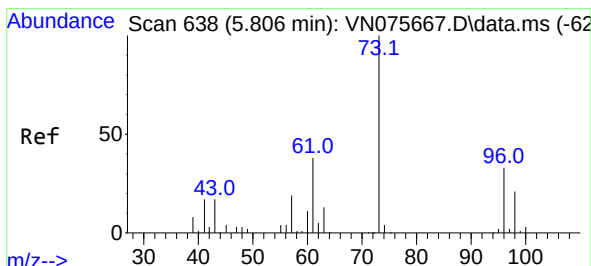
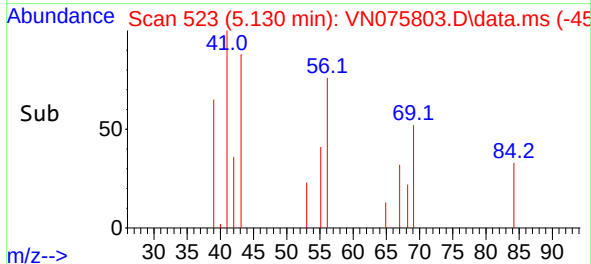
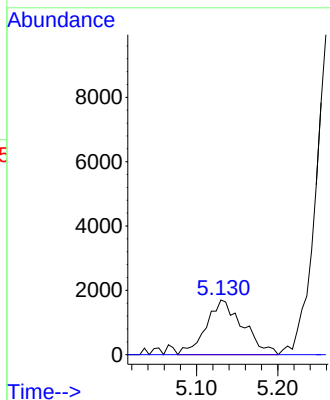
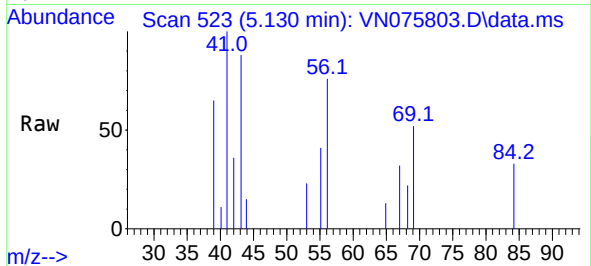




#18
Methyl Acetate
Concen: 1.201 ug/l
RT: 5.130 min Scan# 51
Delta R.T. 0.094 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

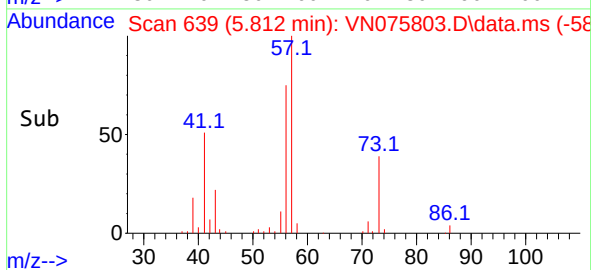
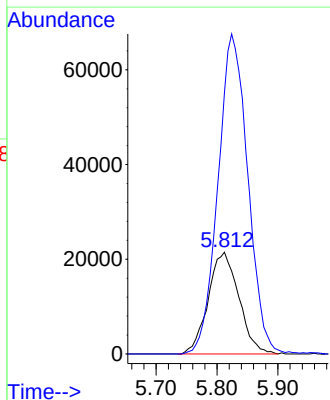
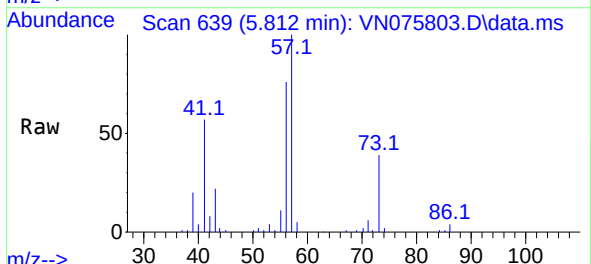
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

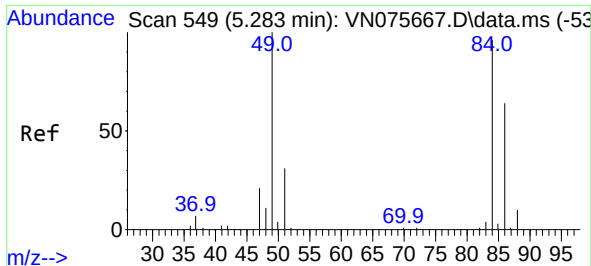
Tgt Ion: 43 Resp: 5352
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#



#19
Methyl tert-butyl Ether
Concen: 6.413 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

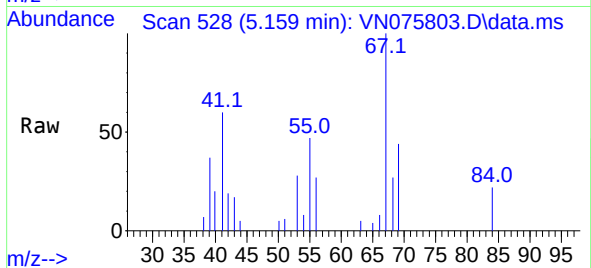
Tgt Ion: 73 Resp: 75224
Ion Ratio Lower Upper
73 100
57 256.8 17.1 25.7#





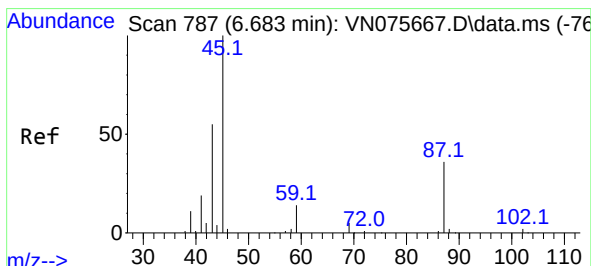
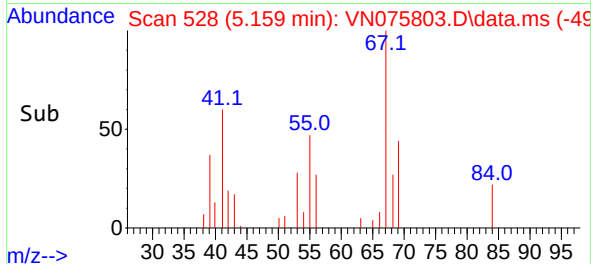
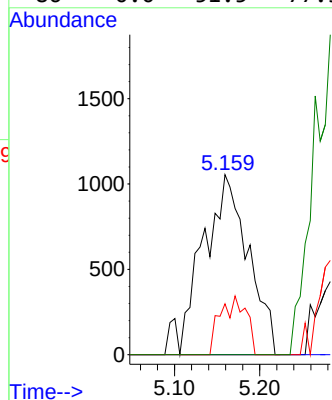
#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 5.159 min Scan# 51
Delta R.T. -0.130 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Instrument :
MSVOA_N
ClientSampleId :
DUP120822



Tgt Ion: 84 Resp: 3842

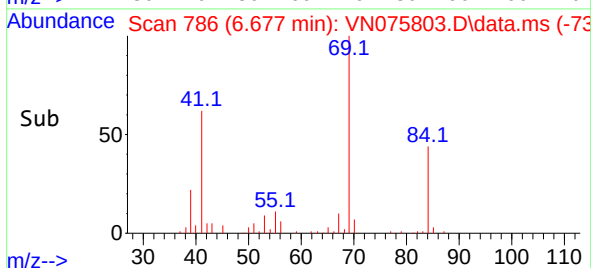
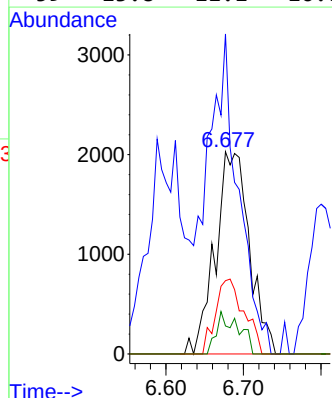
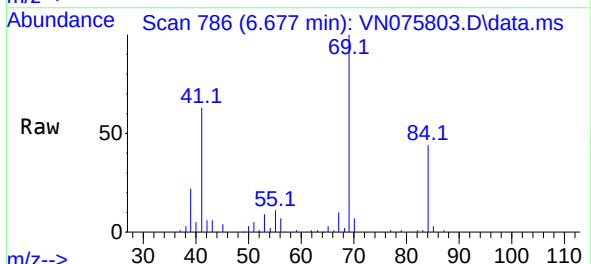
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	28.2	26.7	40.1
86	0.0	51.5	77.3#

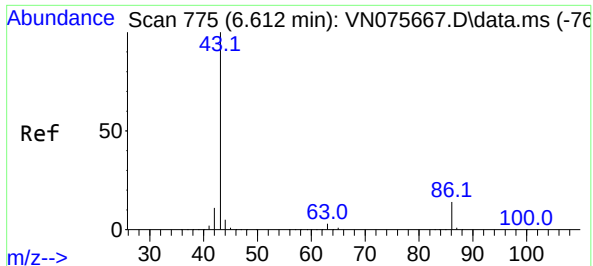


#22
Diisopropyl ether
Concen: 0.613 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 45 Resp: 6206

Ion	Ratio	Lower	Upper
45	100		
43	158.3	44.2	66.4#
87	36.3	28.3	42.5
59	13.8	11.1	16.7

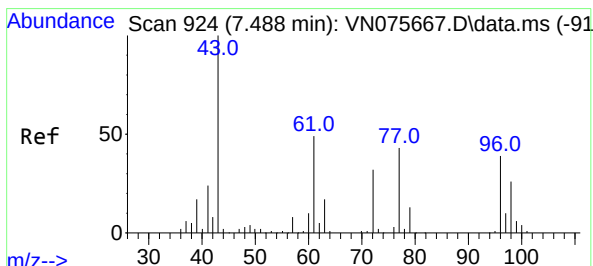
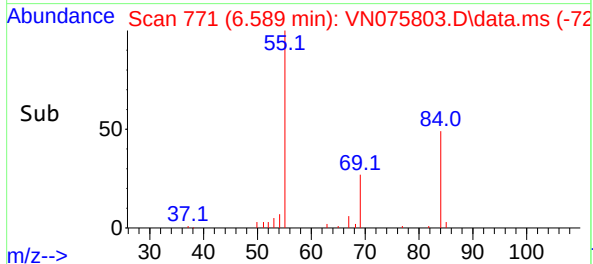
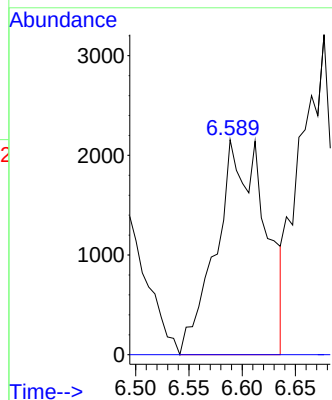
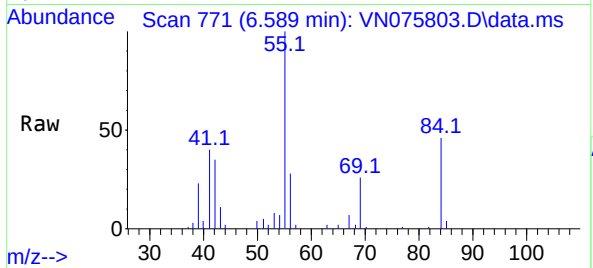




#23
Vinyl Acetate
Concen: 1.006 ug/l
RT: 6.589 min Scan# 71
Delta R.T. -0.023 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

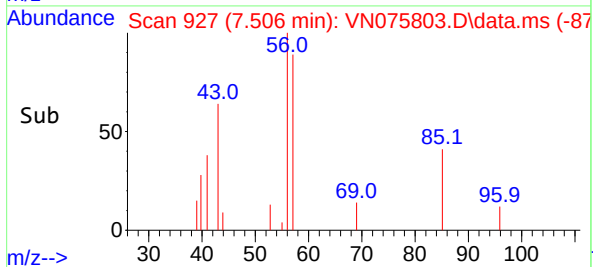
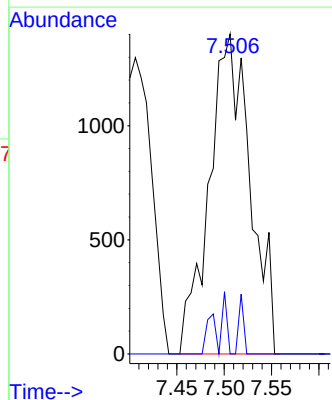
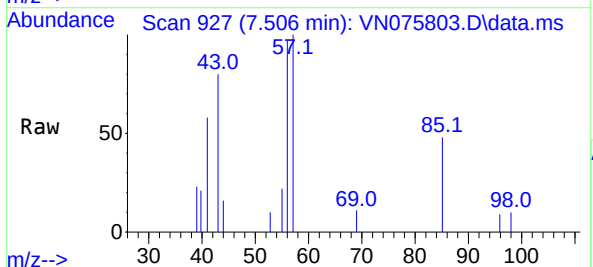
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

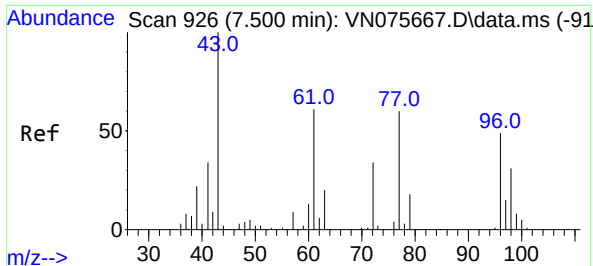
Tgt Ion: 43 Resp: 6851
Ion Ratio Lower Upper
43 100
86 0.0 11.4 17.2#



#25
2-Butanone
Concen: 1.999 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#





#26

2,2-Dichloropropane

Concen: 0.987 ug/l

RT: 7.341 min Scan# 899

Delta R.T. -0.153 min

Lab File: VN075803.D

Acq: 15 Dec 2022 06:27

Instrument :

MSVOA_N

ClientSampleId :

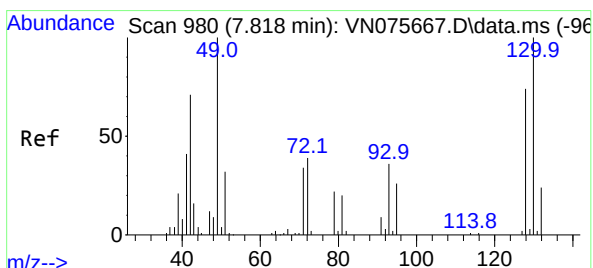
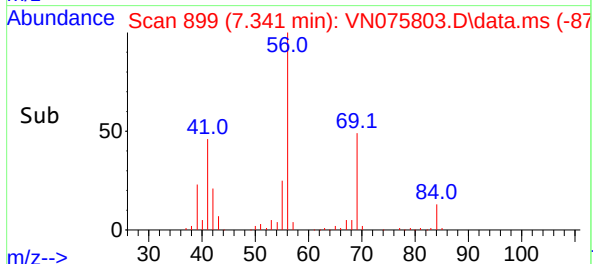
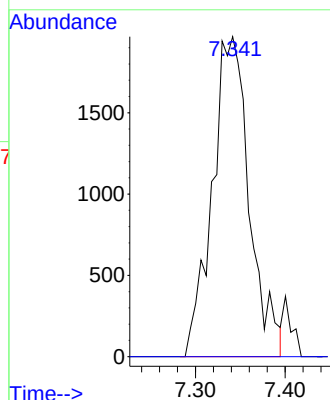
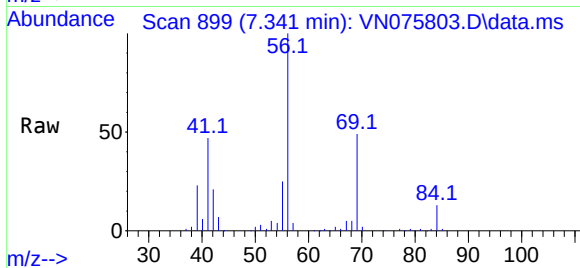
DUP120822

Tgt Ion: 77 Resp: 5637

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#



#28

Bromochloromethane

Concen: 0.282 ug/l

RT: 8.012 min Scan# 1013

Delta R.T. 0.188 min

Lab File: VN075803.D

Acq: 15 Dec 2022 06:27

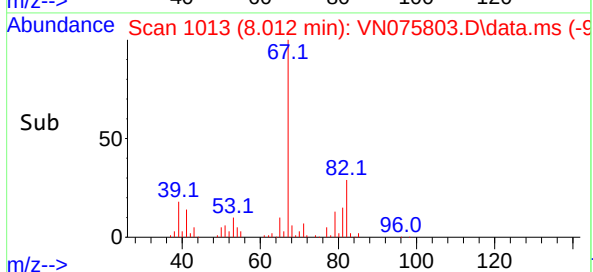
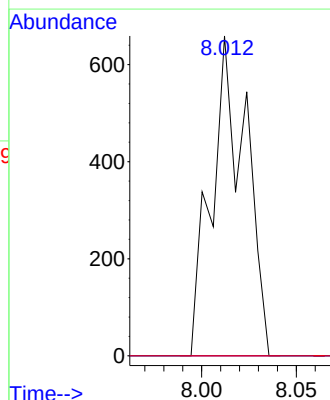
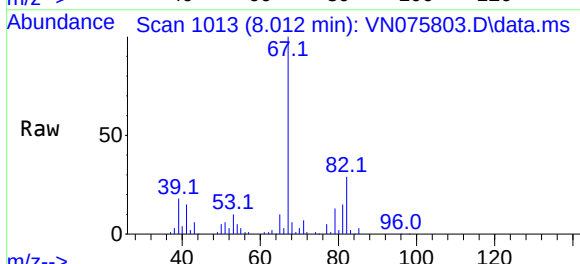
Tgt Ion: 49 Resp: 833

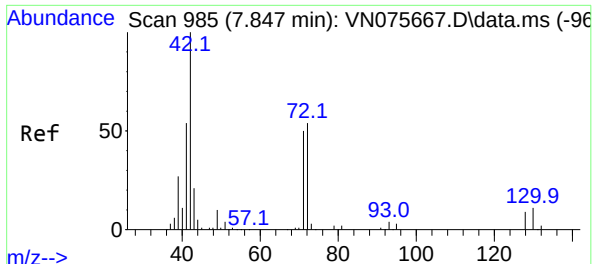
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 77.0 115.4#

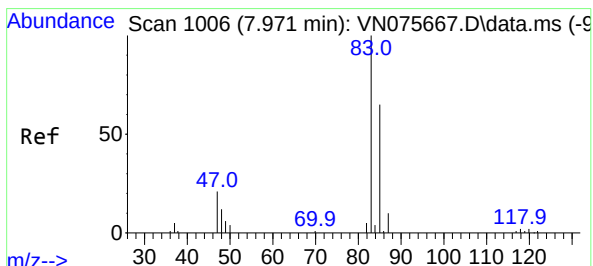
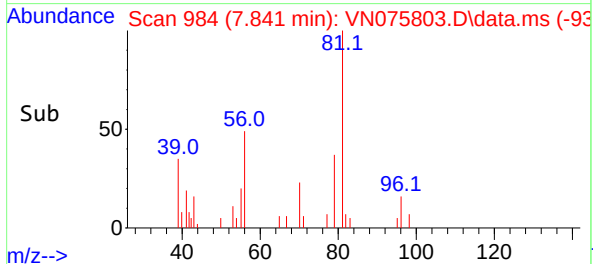
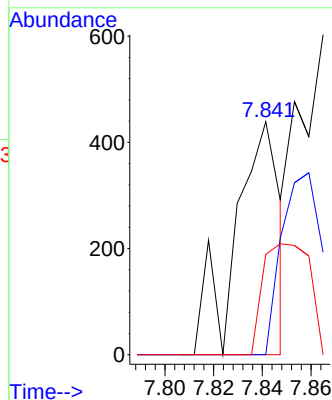
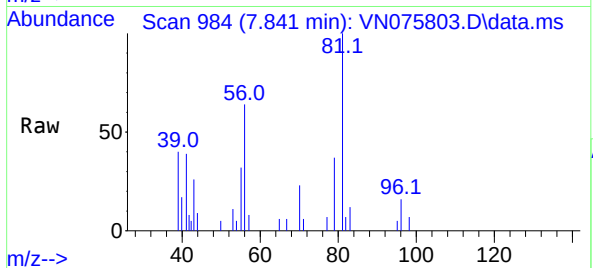




#29
Tetrahydrofuran
Concen: 0.421 ug/l
RT: 7.841 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

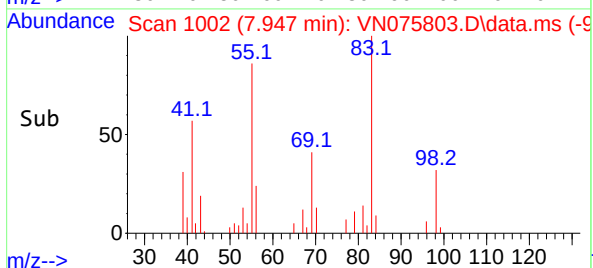
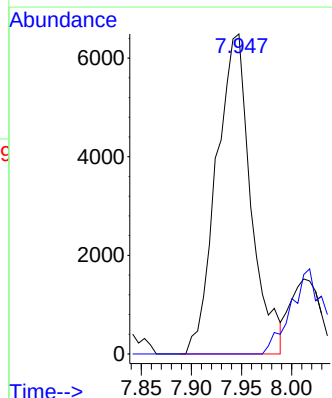
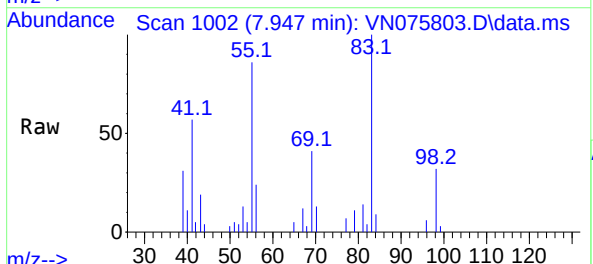
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

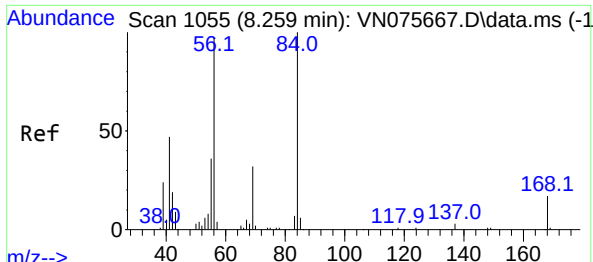
Tgt Ion: 42 Resp: 557
Ion Ratio Lower Upper
42 100
72 0.0 44.5 66.7#
71 0.0 41.0 61.6#



#30
Chloroform
Concen: 2.052 ug/l
RT: 7.947 min Scan# 1002
Delta R.T. -0.023 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

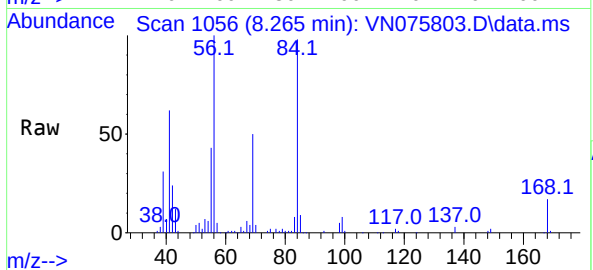
Tgt Ion: 83 Resp: 15585
Ion Ratio Lower Upper
83 100
85 0.0 49.1 73.7#



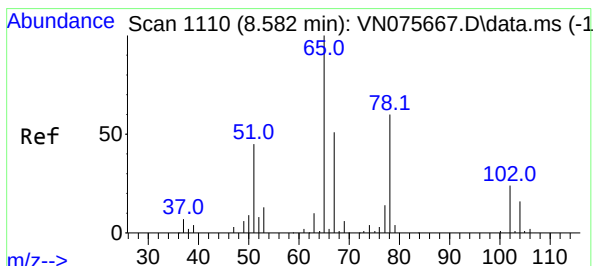
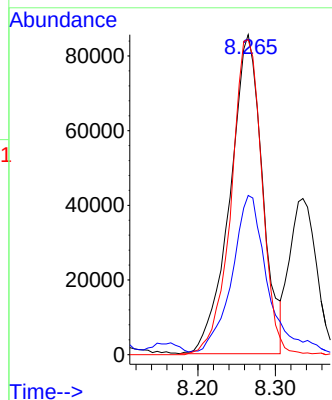
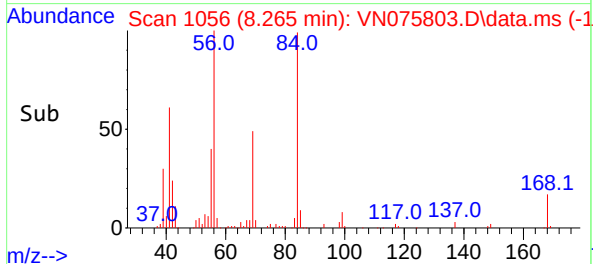


#31
Cyclohexane
Concen: 39.723 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Instrument :
MSVOA_N
ClientSampleId :
DUP120822

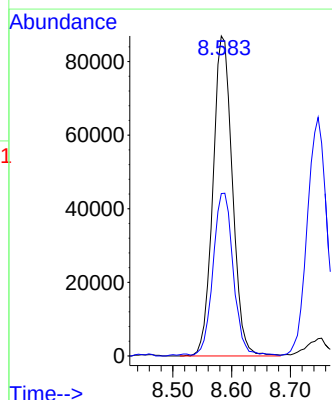
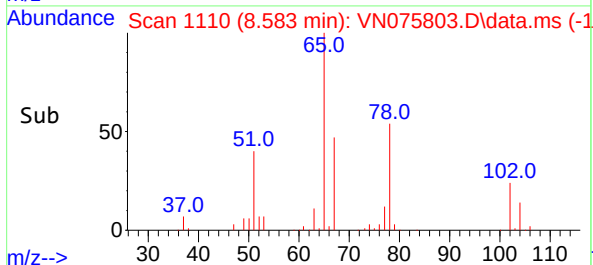
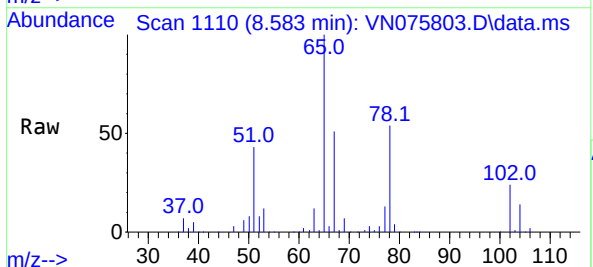


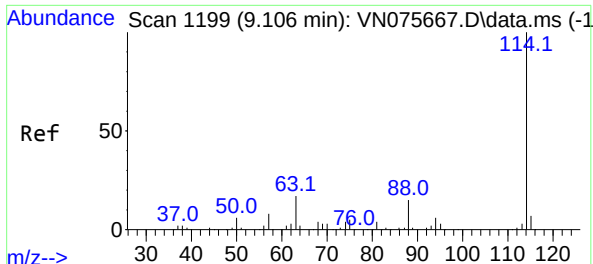
Tgt Ion: 56 Resp: 248762
Ion Ratio Lower Upper
56 100
69 47.4 24.7 37.1#
84 98.7 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 45.782 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 65 Resp: 200188
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

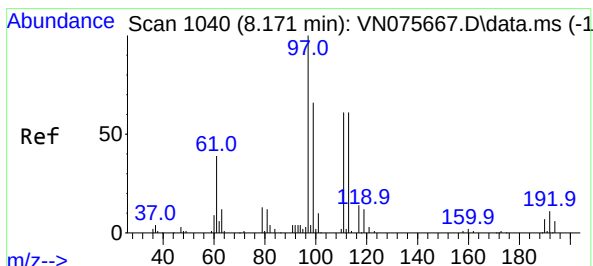
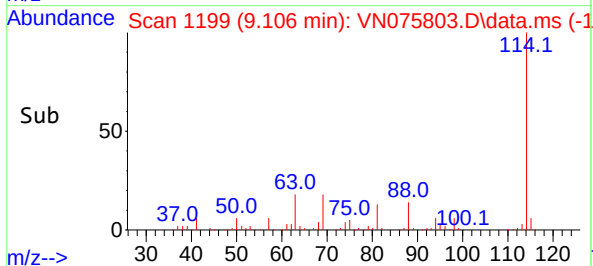
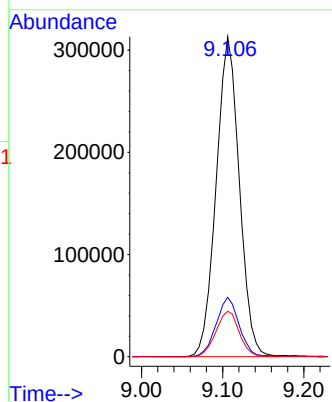
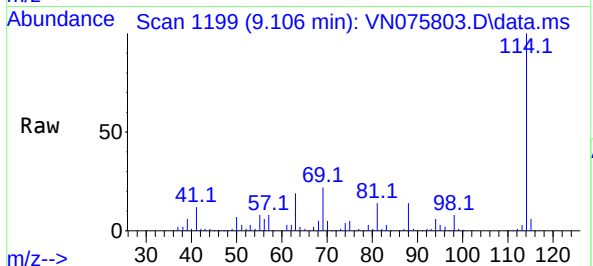




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

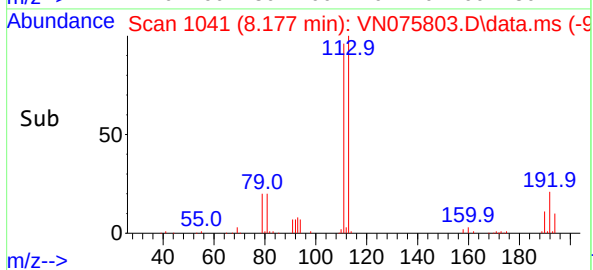
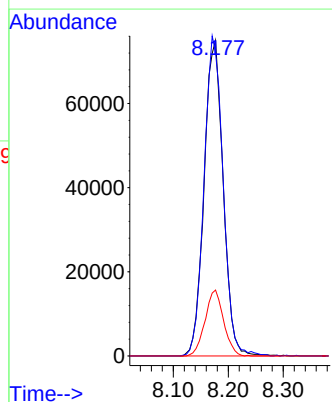
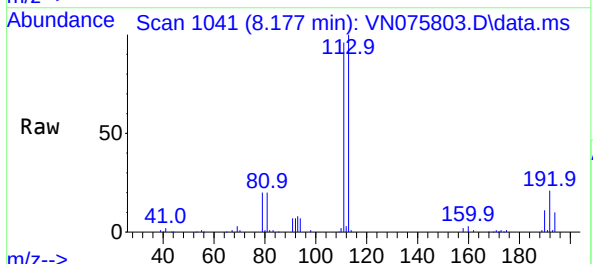
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

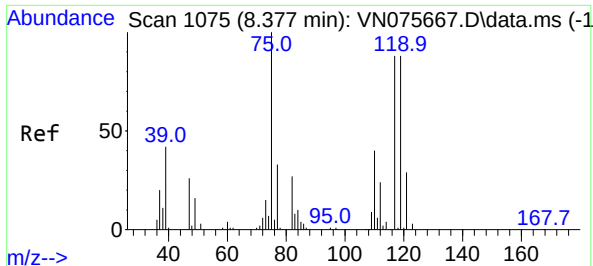
Tgt Ion:114 Resp: 620651
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.4
88 14.2 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.115 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:113 Resp: 181092
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.2
192 20.3 16.1 24.1

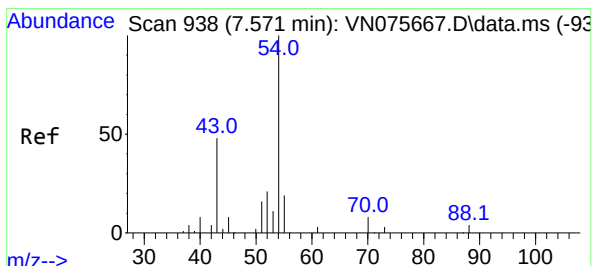
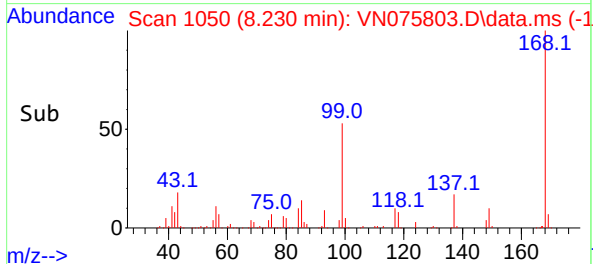
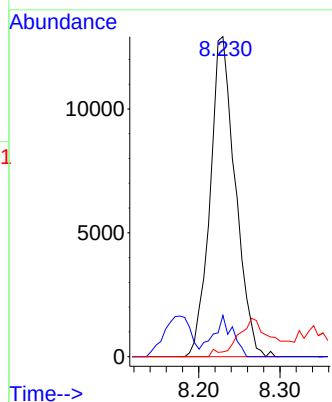
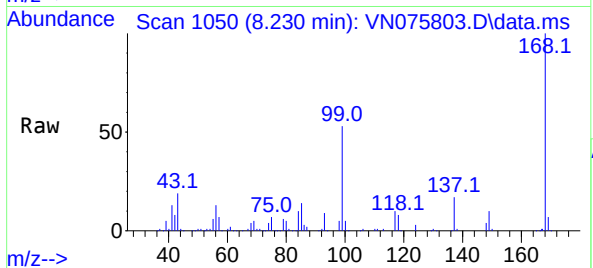




#36
1,1-Dichloropropene
Concen: 5.482 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

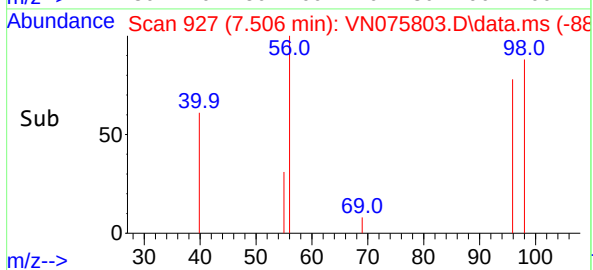
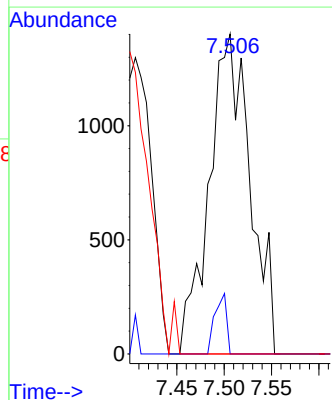
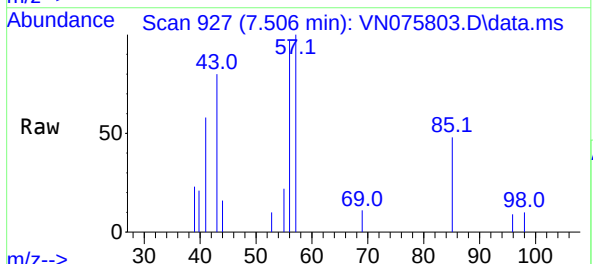
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

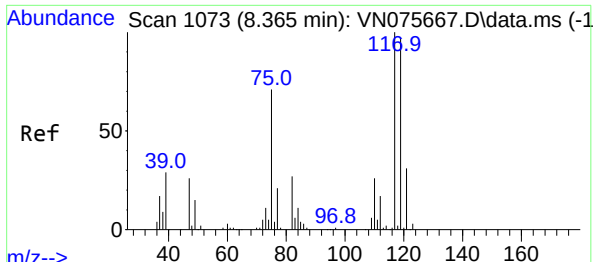
Tgt Ion: 75 Resp: 27988
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 1.029 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.059 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

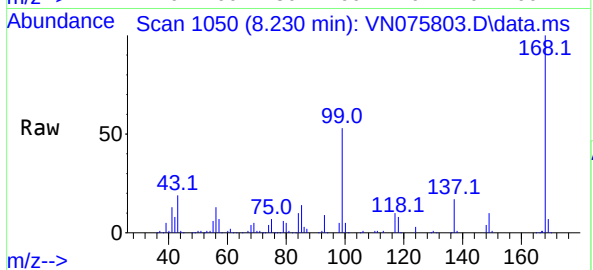
Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
61 5.4 13.0 19.4#
70 0.0 9.4 14.0#



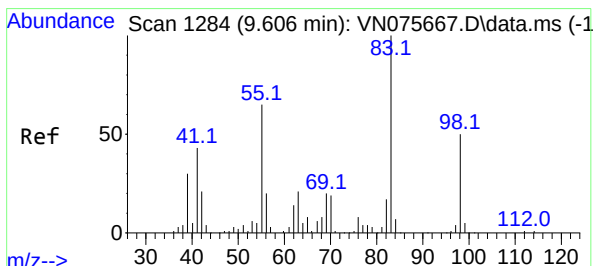
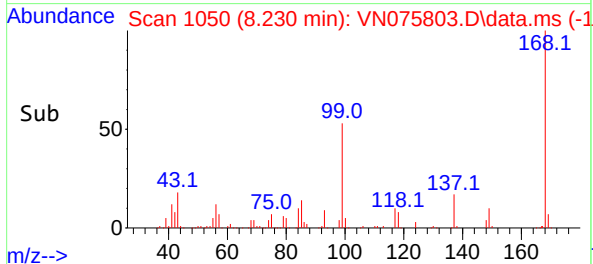
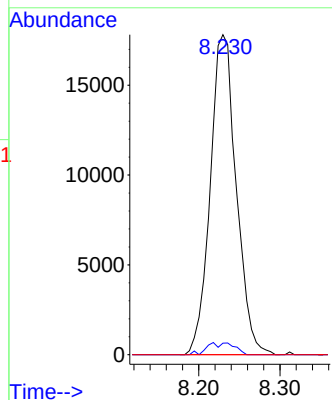


#38
Carbon Tetrachloride
Concen: 6.947 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Instrument :
MSVOA_N
ClientSampleId :
DUP120822

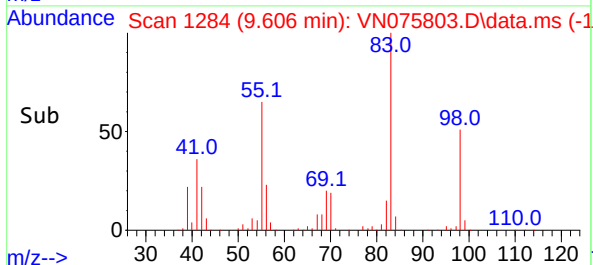
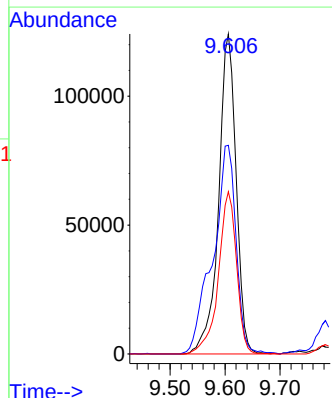
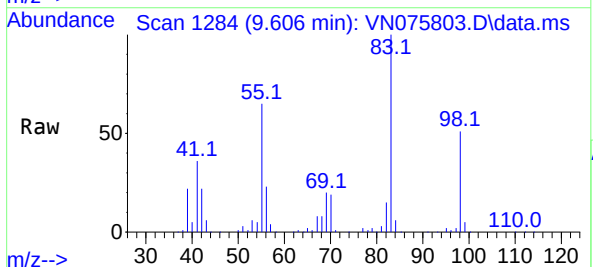


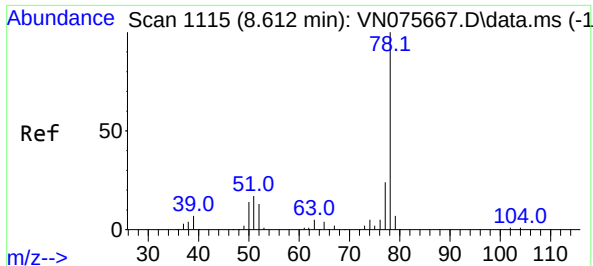
Tgt Ion:117 Resp: 39698
Ion Ratio Lower Upper
117 100
119 3.6 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 44.654 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 83 Resp: 275064
Ion Ratio Lower Upper
83 100
55 65.2 51.4 77.0
98 50.7 39.8 59.8

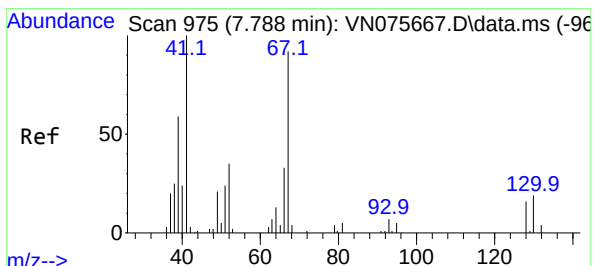
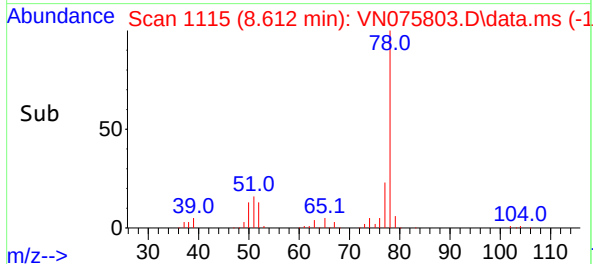
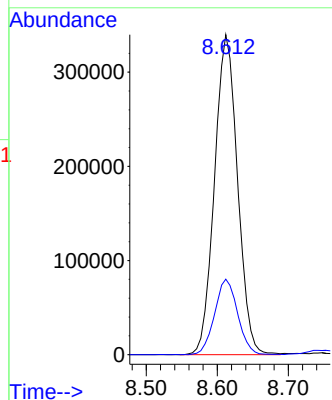
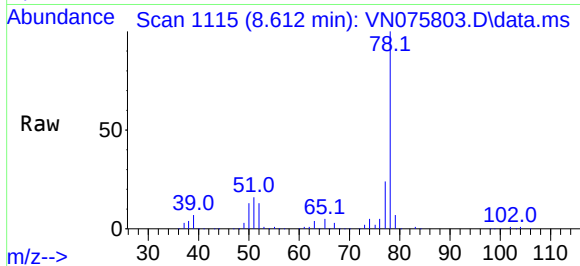




#40
Benzene
Concen: 48.577 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

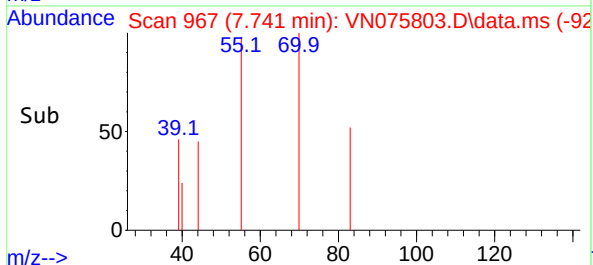
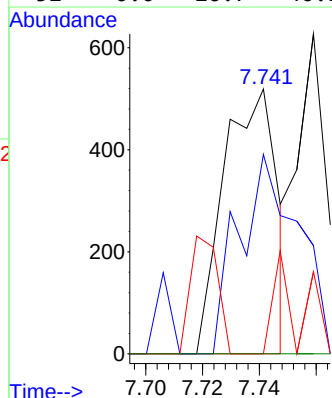
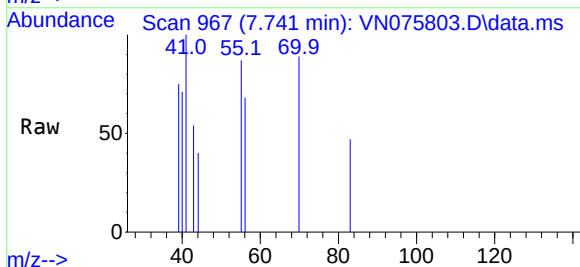
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

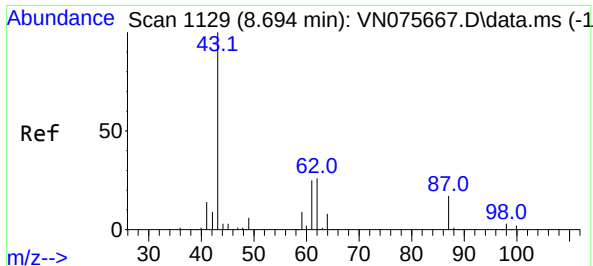
Tgt Ion: 78 Resp: 765248
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



#41
Methacrylonitrile
Concen: 0.318 ug/l
RT: 7.741 min Scan# 967
Delta R.T. -0.041 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 41 Resp: 678
Ion Ratio Lower Upper
41 100
39 0.0 43.1 64.7#
67 0.0 70.7 106.1#
52 0.0 26.7 40.1#

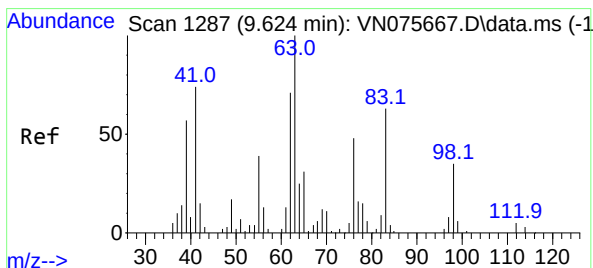
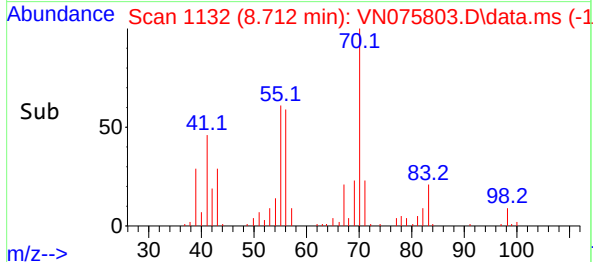
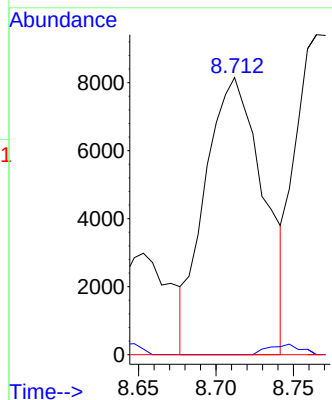
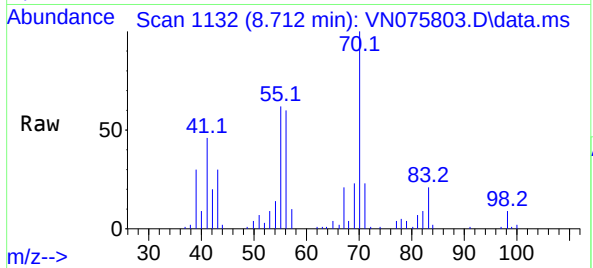




#43
Isopropyl Acetate
Concen: 3.161 ug/l
RT: 8.712 min Scan# 1129
Delta R.T. 0.018 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

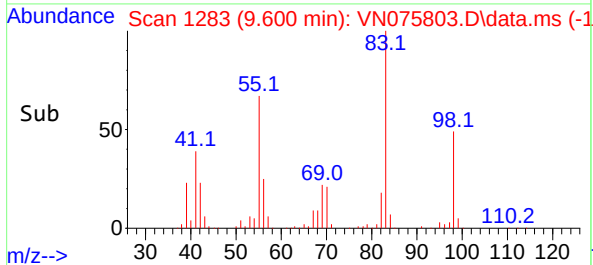
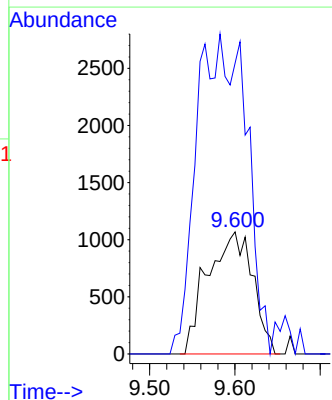
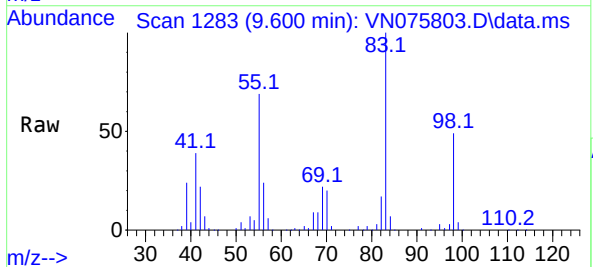
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

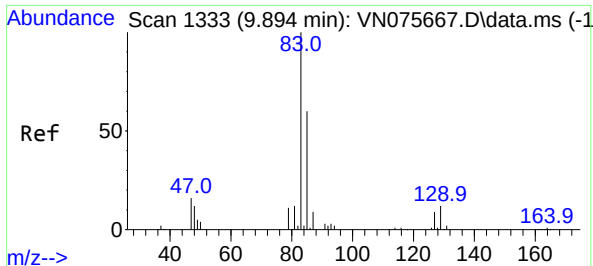
Tgt Ion: 43 Resp: 21382
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#45
1,2-Dichloropropane
Concen: 1.029 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.023 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 63 Resp: 3945
Ion Ratio Lower Upper
63 100
65 221.0 25.7 38.5#

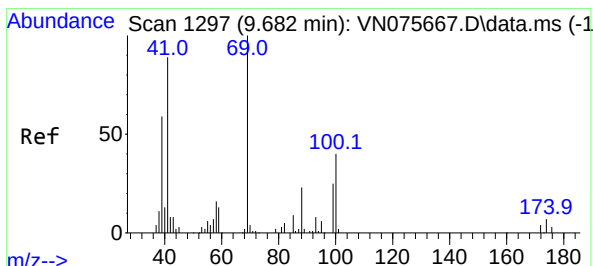
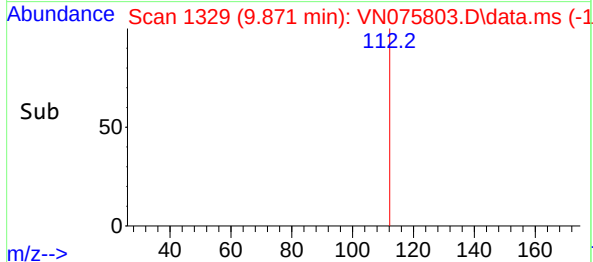
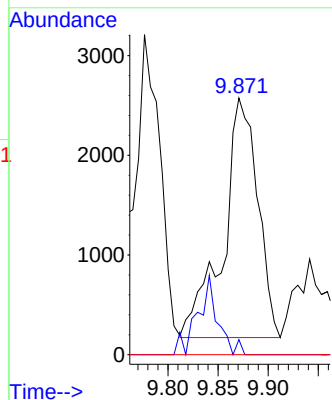
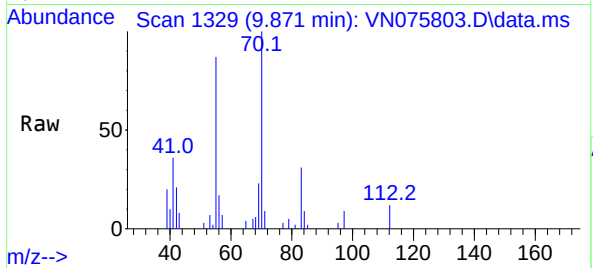




#47
Bromodichloromethane
Concen: 1.031 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

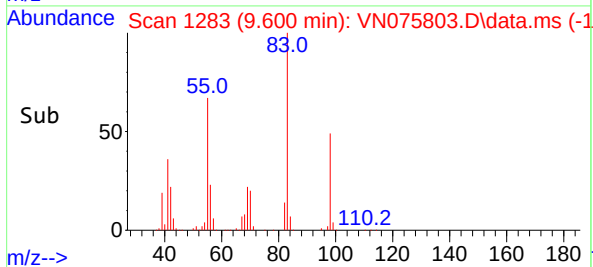
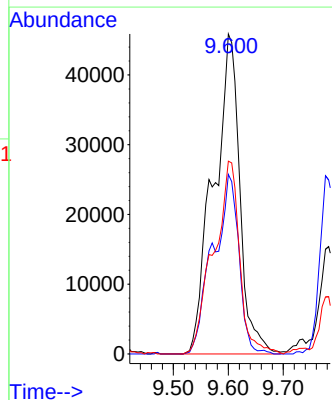
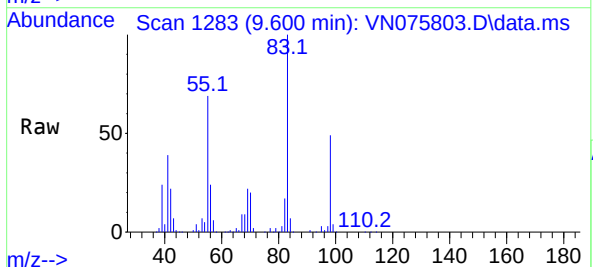
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

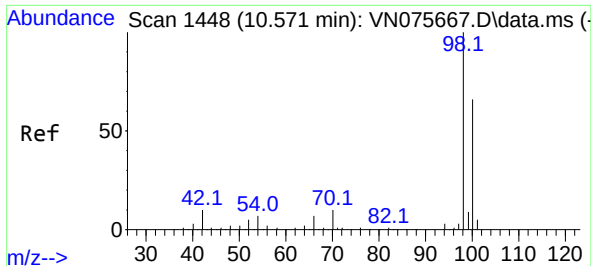
Tgt Ion: 83 Resp: 5750
Ion Ratio Lower Upper
83 100
85 6.3 51.5 77.3#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 49.917 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.082 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 41 Resp: 152100
Ion Ratio Lower Upper
41 100
69 34.4 81.9 122.9#
39 59.5 51.6 77.4

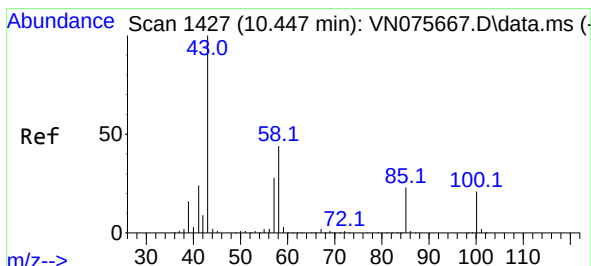
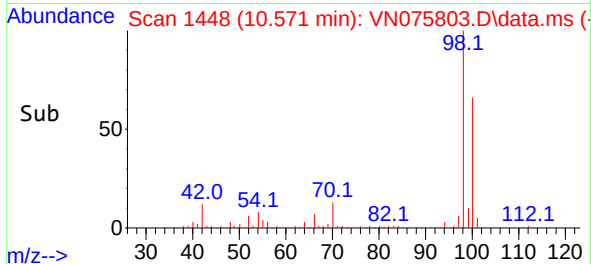
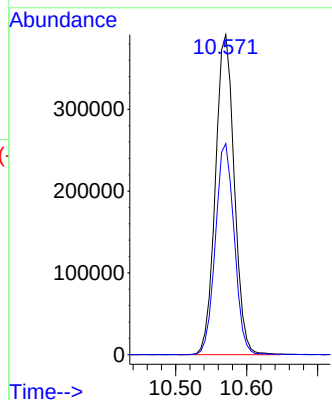
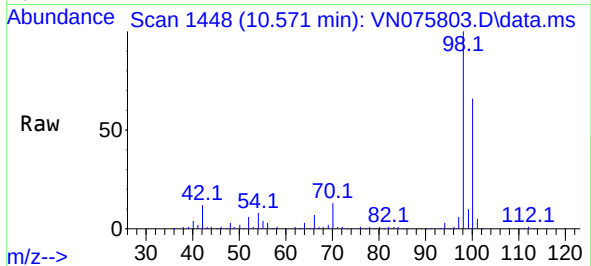




#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

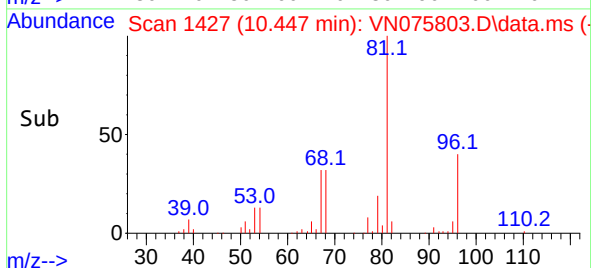
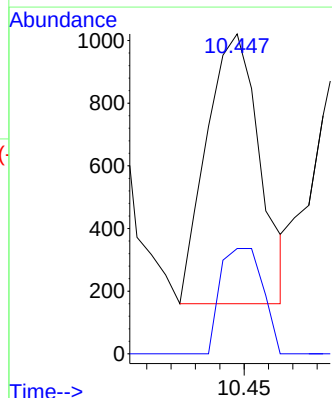
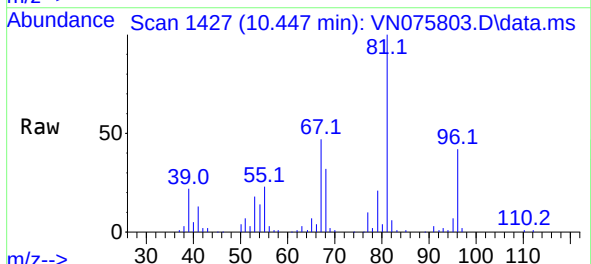
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

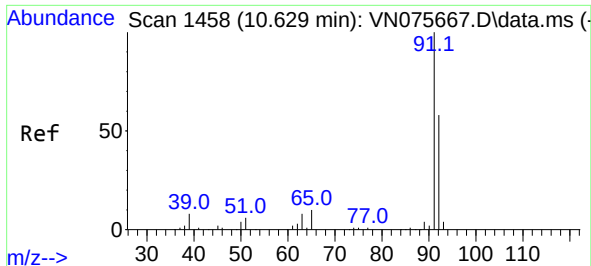
Tgt Ion: 98 Resp: 720050
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.321 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 31.1 35.5 53.3#

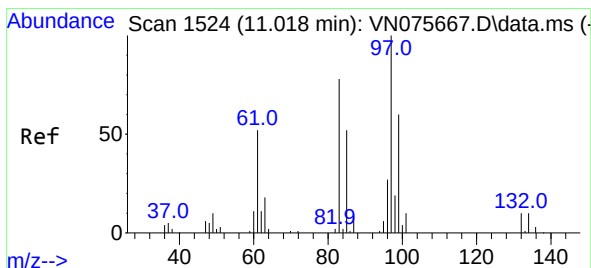
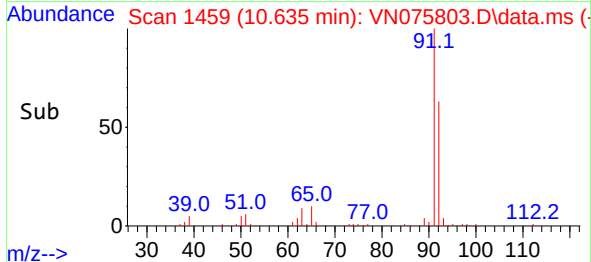
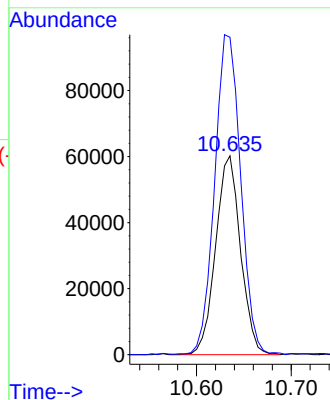
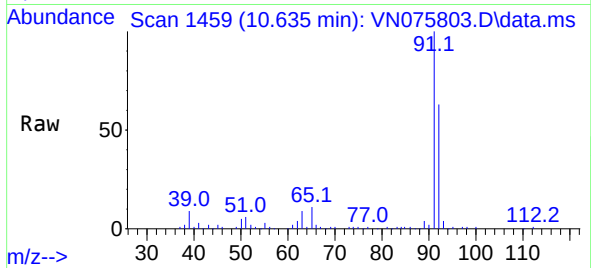




#52
Toluene
Concen: 10.726 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

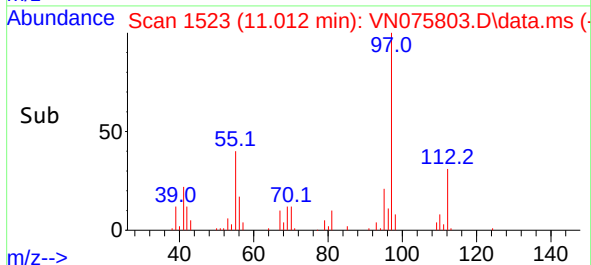
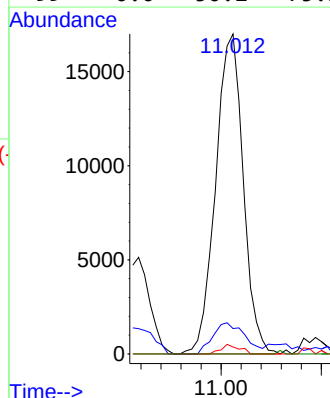
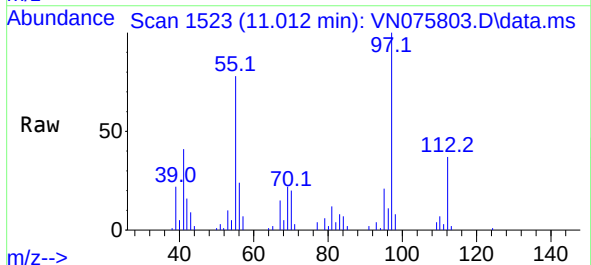
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

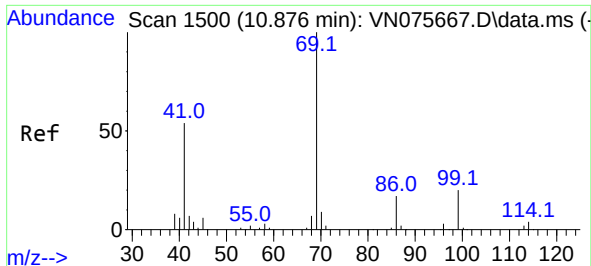
Tgt Ion: 92 Resp: 110048
Ion Ratio Lower Upper
92 100
91 168.3 137.3 205.9



#55
1,1,2-Trichloroethane
Concen: 8.059 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 97 Resp: 32452
Ion Ratio Lower Upper
97 100
83 8.0 65.0 97.4#
85 2.2 43.0 64.6#
99 0.0 50.2 75.2#

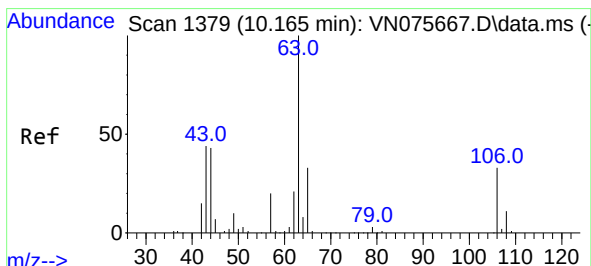
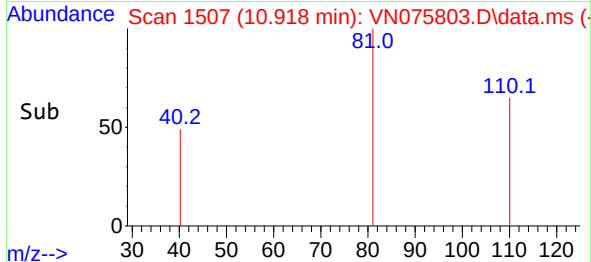
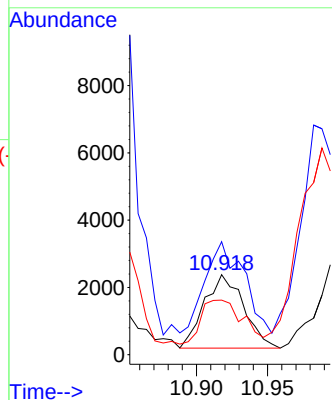
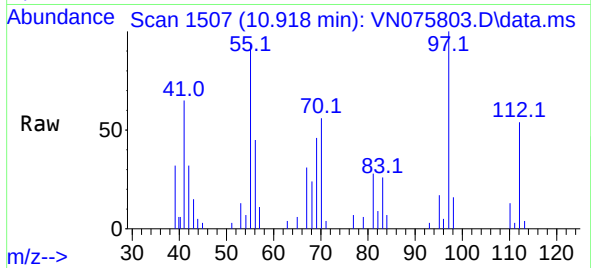




#56
Ethyl methacrylate
Concen: 0.790 ug/l
RT: 10.918 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

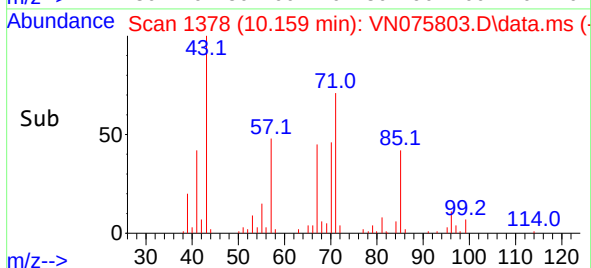
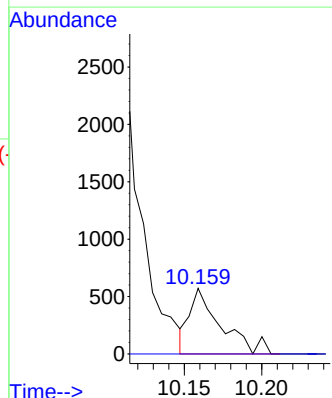
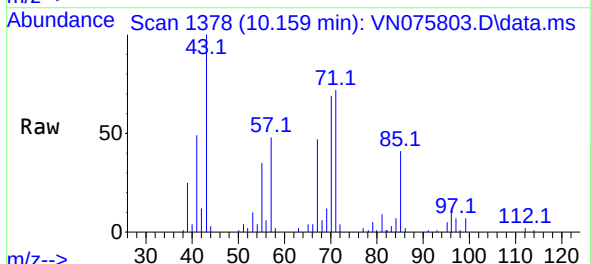
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

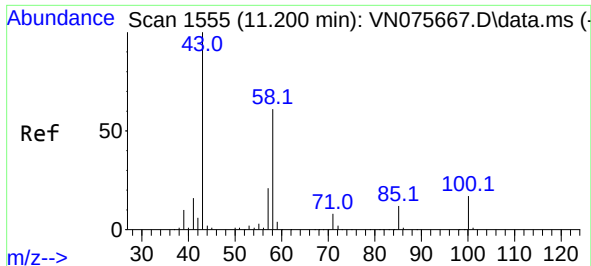
Tgt Ion: 69 Resp: 4228
Ion Ratio Lower Upper
69 100
41 120.3 44.2 66.4#
39 62.6 26.4 39.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.469 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 63 Resp: 799
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#

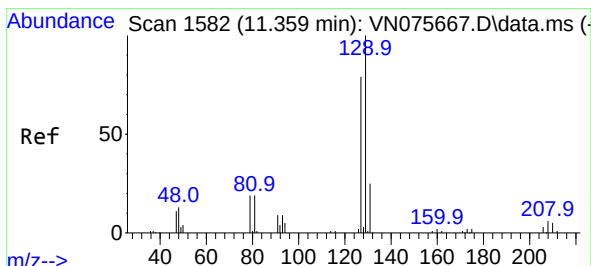
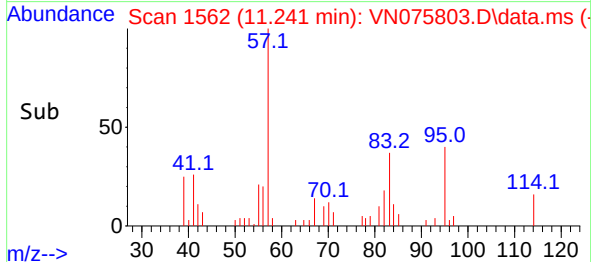
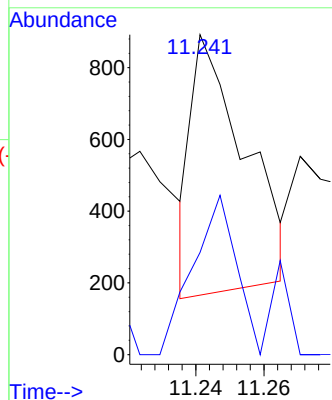
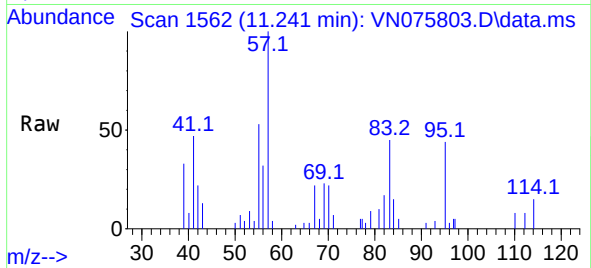




#59
2-Hexanone
Concen: 0.262 ug/l
RT: 11.241 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

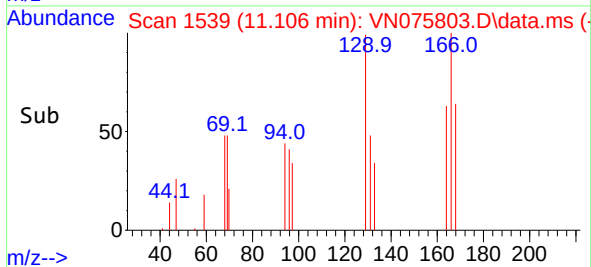
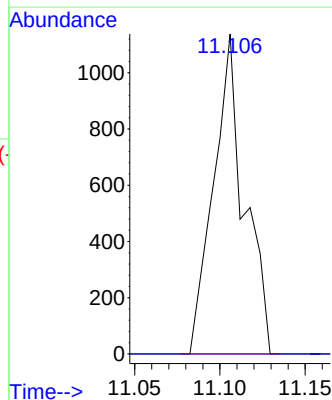
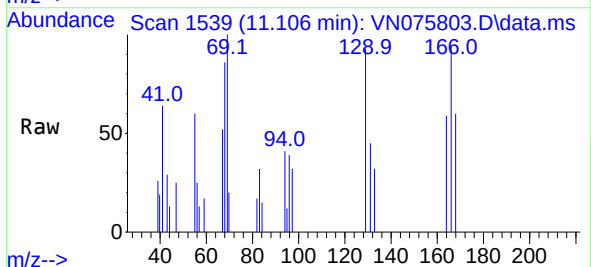
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

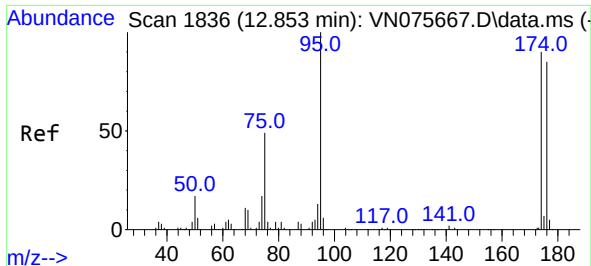
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 50.4 30.6 92.0



#60
Dibromochloromethane
Concen: 0.319 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.253 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 129 Resp: 1428
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

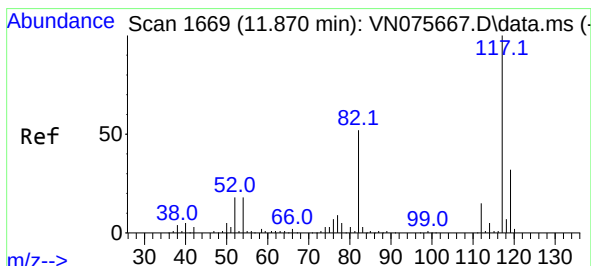
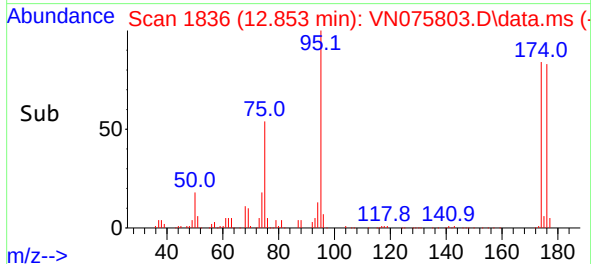
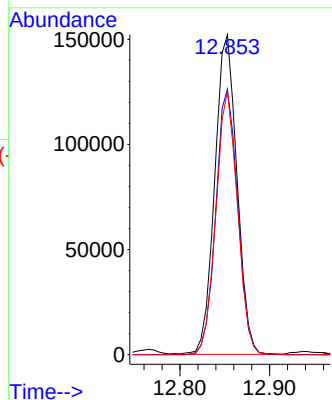
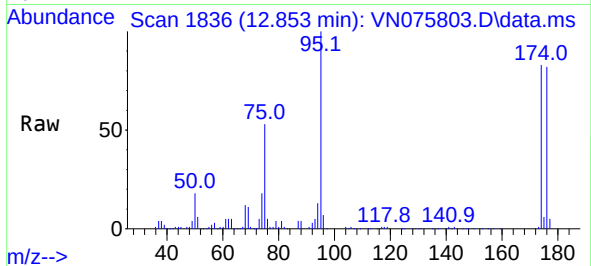




#62
4-Bromofluorobenzene
Concen: 54.825 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

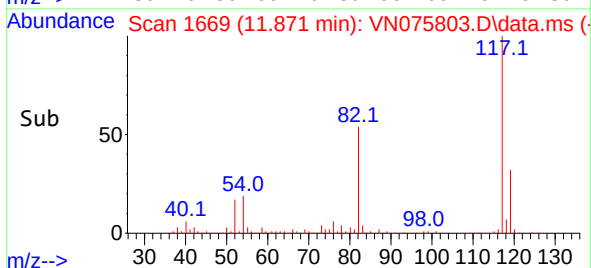
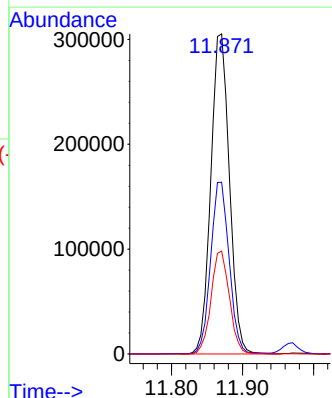
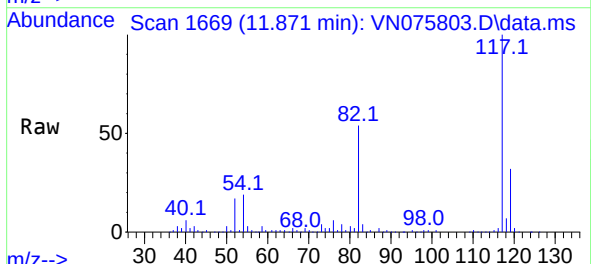
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

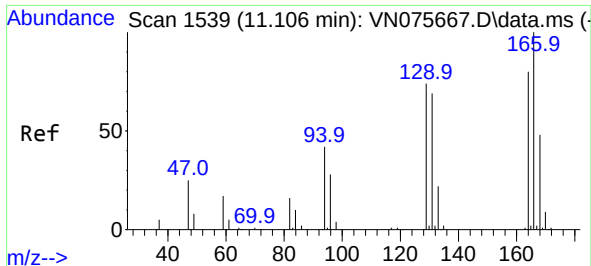
Tgt Ion: 95 Resp: 260953
Ion Ratio Lower Upper
95 100
174 82.1 0.0 171.6
176 80.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 117 Resp: 555447
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 32.1 24.6 37.0

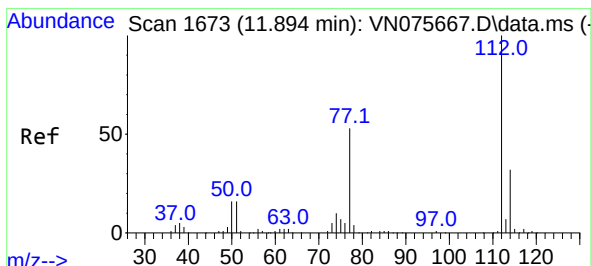
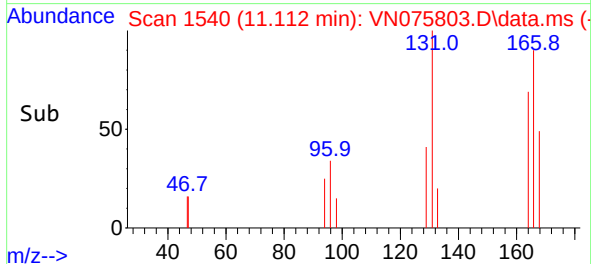
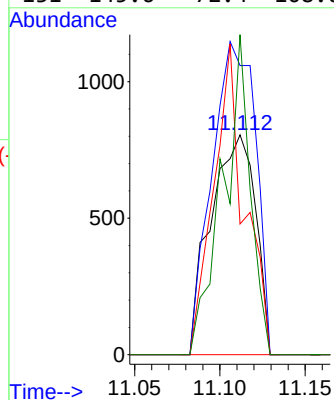
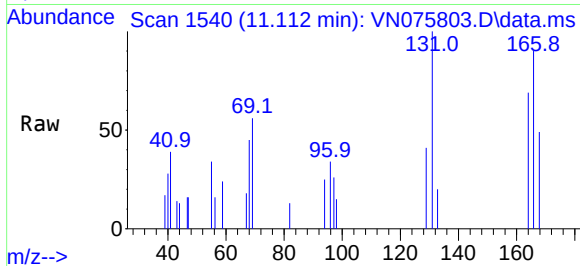




#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

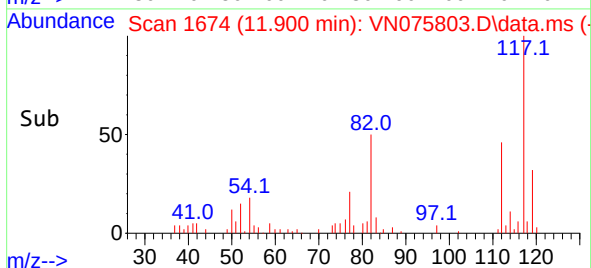
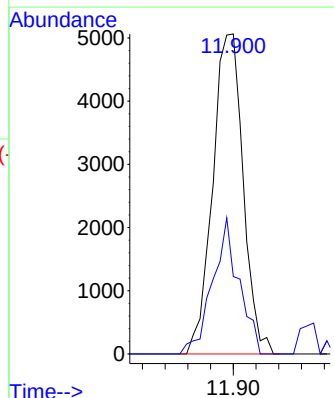
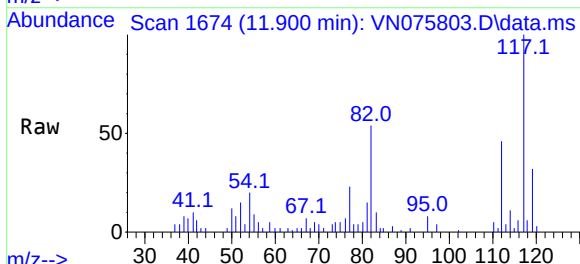
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

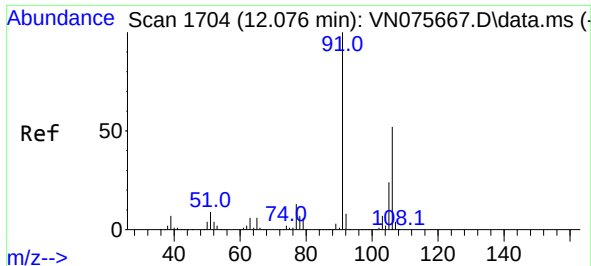
Tgt Ion:164 Resp: 1469
Ion Ratio Lower Upper
164 100
166 131.6 101.9 152.9
129 59.5 74.2 111.2#
131 145.6 72.4 108.6#



#65
Chlorobenzene
Concen: 0.826 ug/l
RT: 11.900 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:112 Resp: 9417
Ion Ratio Lower Upper
112 100
114 24.2 24.7 37.1#

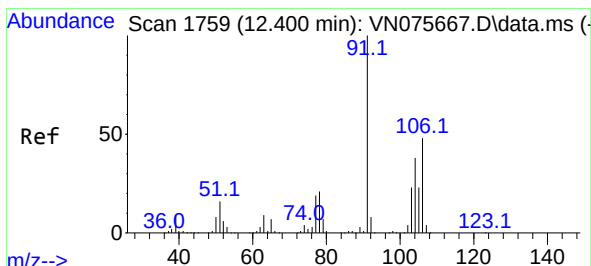
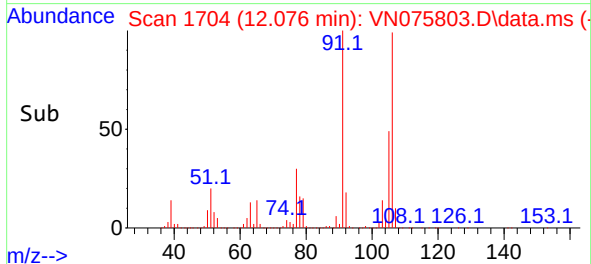
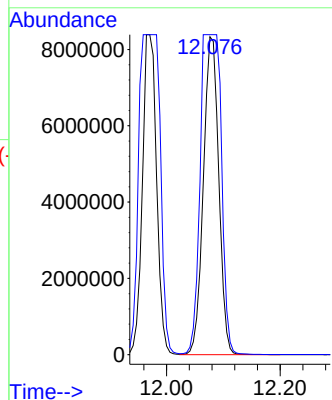
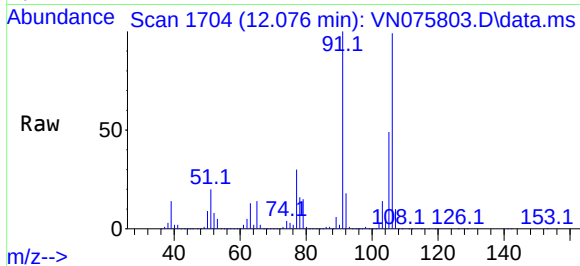




#68
m/p-Xylenes
Concen: 2047.743 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

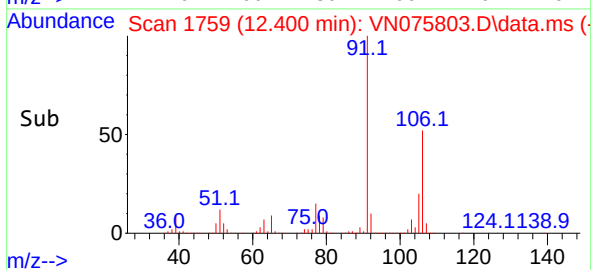
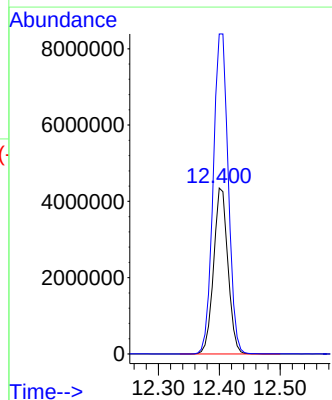
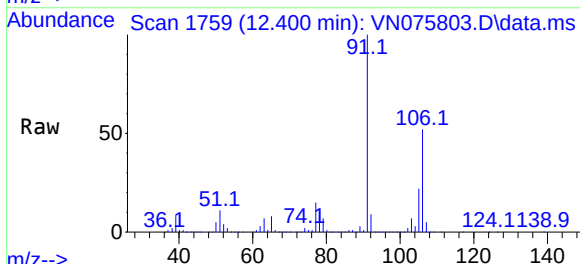
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

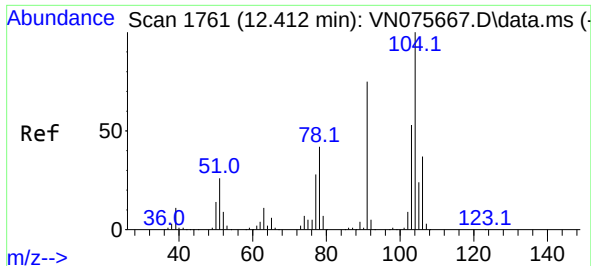
Tgt Ion:106 Resp:15594745
Ion Ratio Lower Upper
106 100
91 0.0 156.6 235.0#



#69
o-Xylene
Concen: 939.331 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:106 Resp: 7079203
Ion Ratio Lower Upper
106 100
91 203.3 103.8 311.6

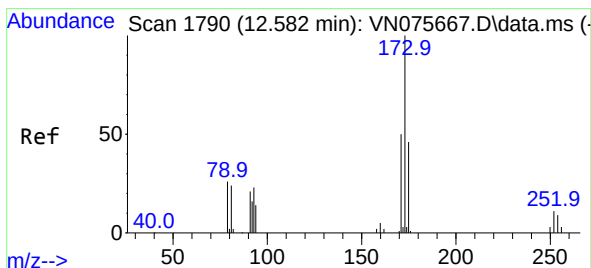
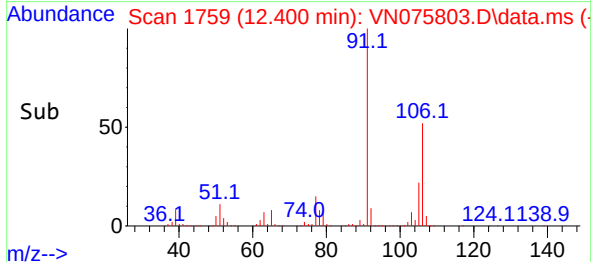
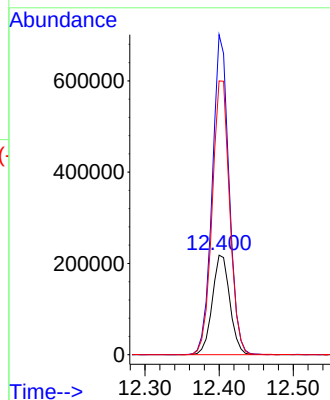
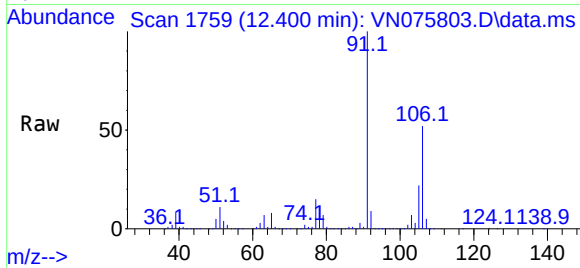




#70
Styrene
Concen: 29.920 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

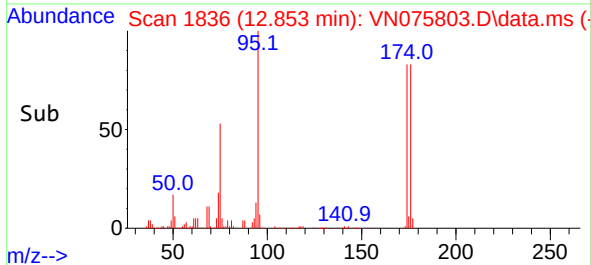
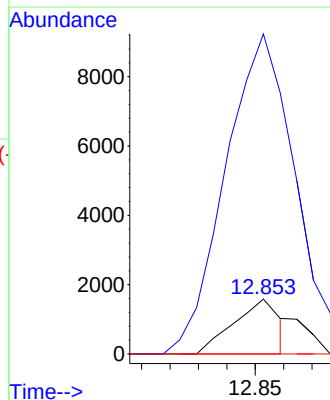
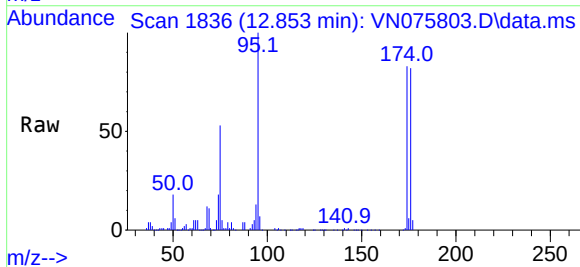
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

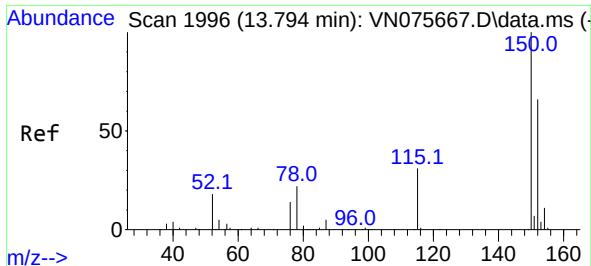
Tgt Ion:104 Resp: 358528
Ion Ratio Lower Upper
104 100
78 307.1 37.5 56.3#
103 274.8 43.5 65.3#



#71
Bromoform
Concen: 0.579 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:173 Resp: 1778
Ion Ratio Lower Upper
173 100
175 715.5 24.3 72.8#
254 0.0 0.0 0.0

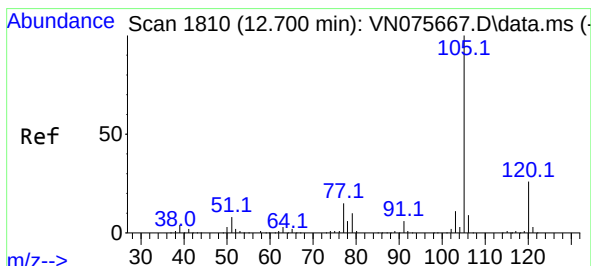
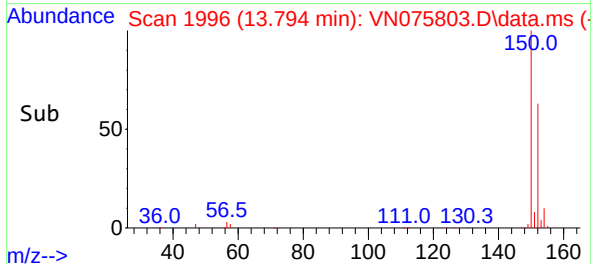
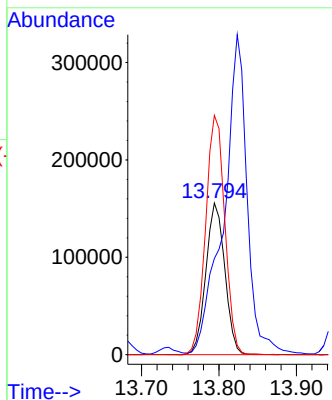
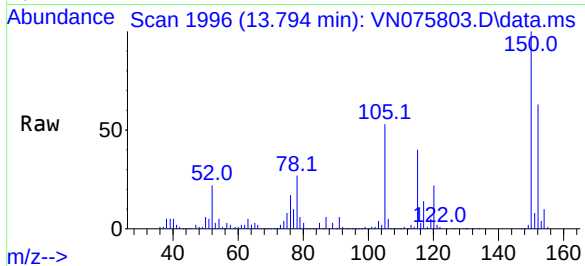




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

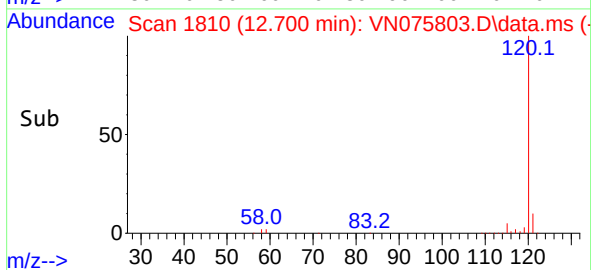
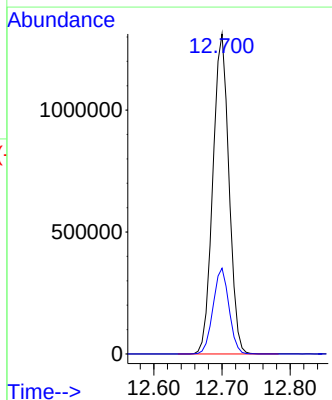
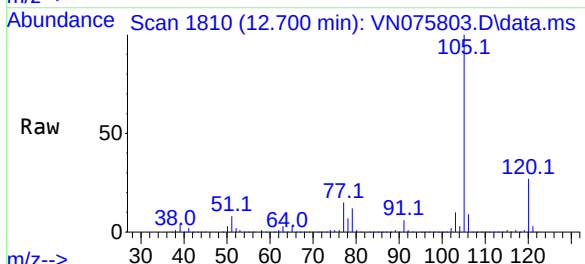
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

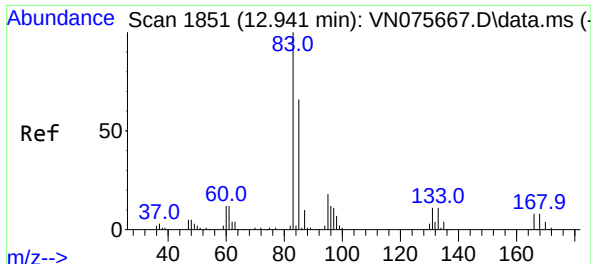
Tgt Ion:152 Resp: 264187
Ion Ratio Lower Upper
152 100
115 0.0 29.1 87.4#
150 159.6 0.0 347.0



#73
Isopropylbenzene
Concen: 112.774 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:105 Resp: 2152998
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

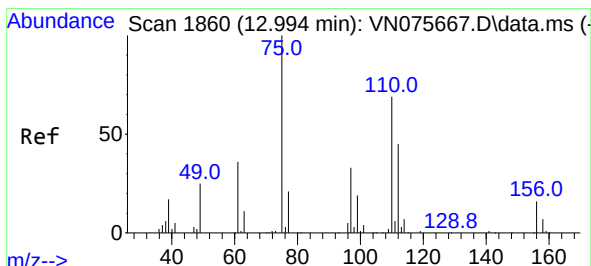
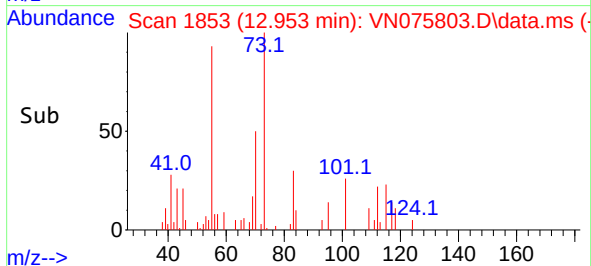
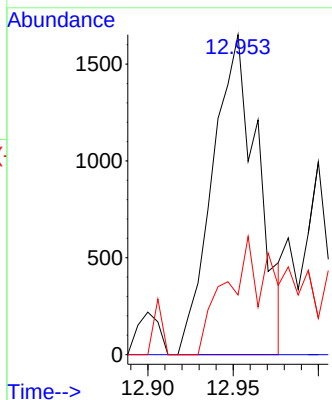
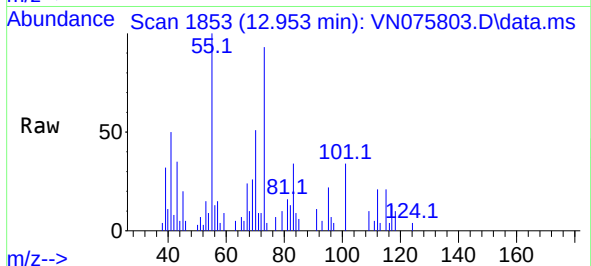




#75
1,1,2,2-Tetrachloroethane
Concen: 0.520 ug/l
RT: 12.953 min Scan# 1853
Delta R.T. 0.012 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

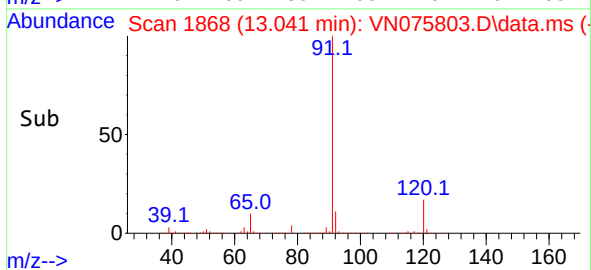
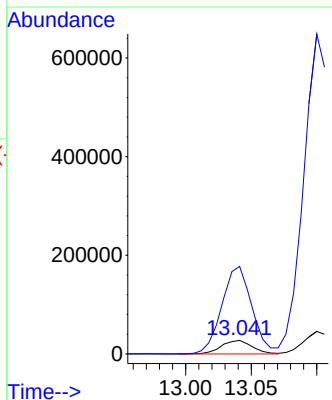
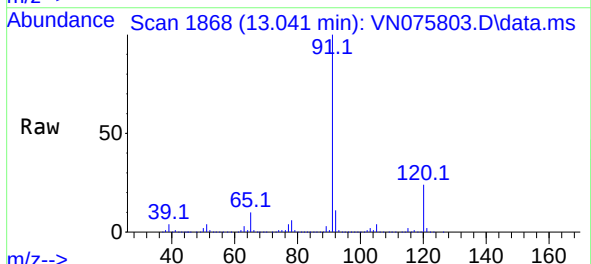
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

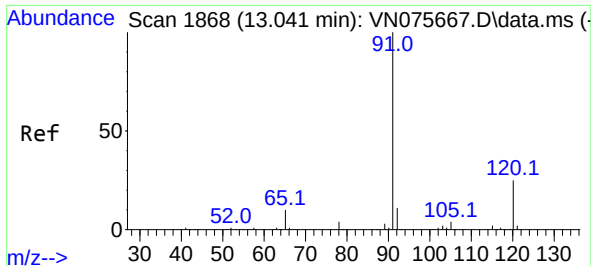
Tgt Ion: 83 Resp: 3067
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 24.4 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 8.447 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.047 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 75 Resp: 44985
Ion Ratio Lower Upper
75 100
77 632.5 82.6 247.8#

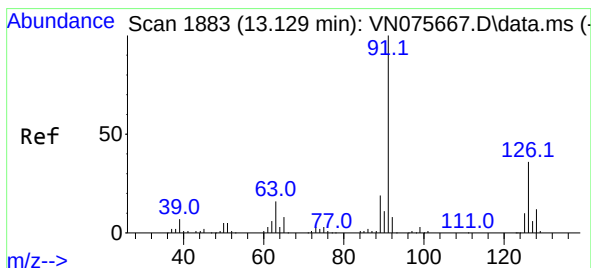
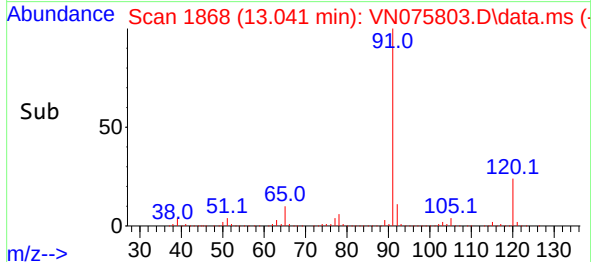
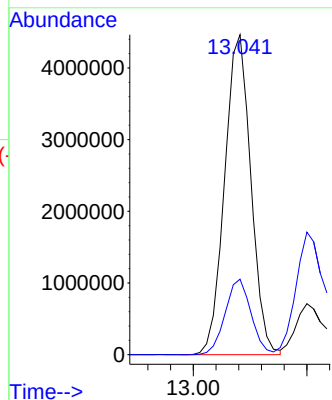
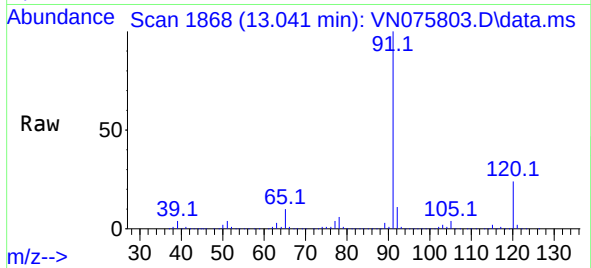




#78
n-propylbenzene
Concen: 340.101 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

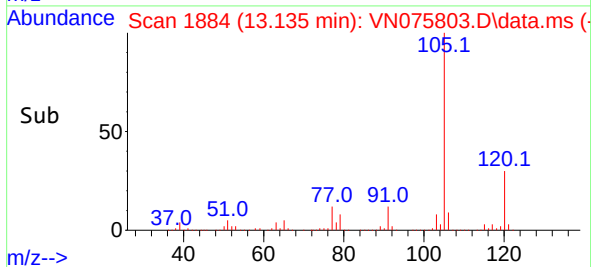
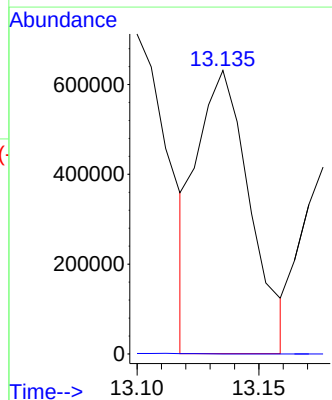
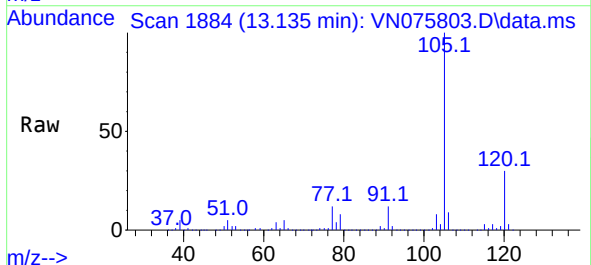
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

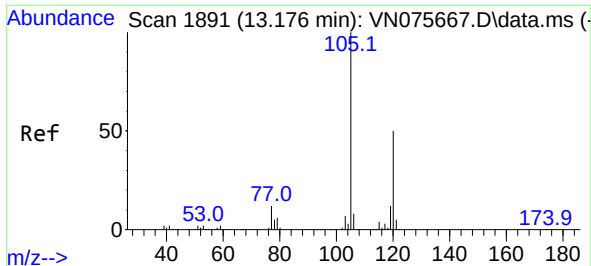
Tgt Ion: 91 Resp: 7161396
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1



#79
2-Chlorotoluene
Concen: 72.618 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 91 Resp: 954502
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#

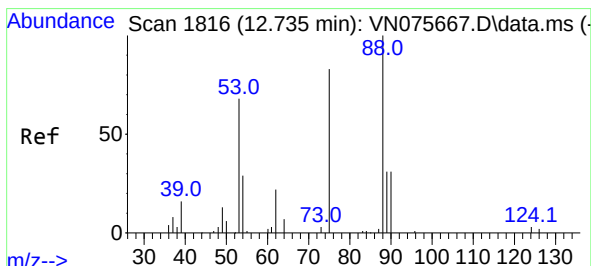
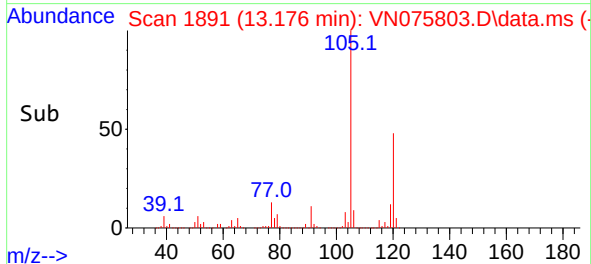
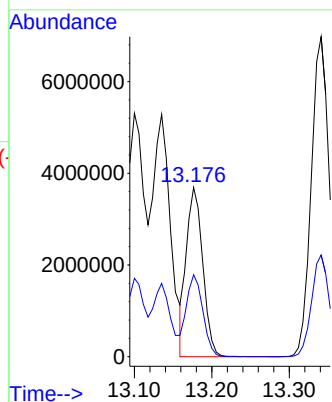
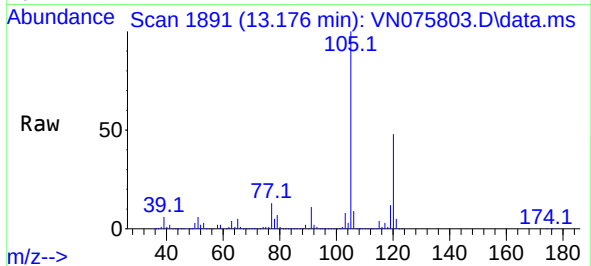




#80
1,3,5-Trimethylbenzene
Concen: 338.155 ug/l
RT: 13.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

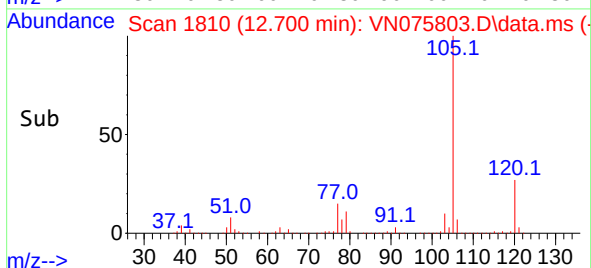
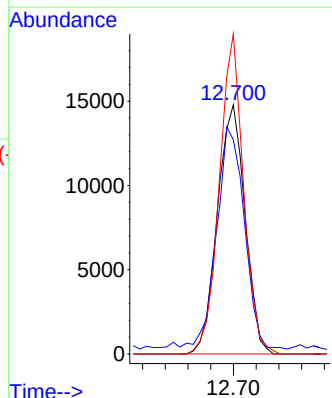
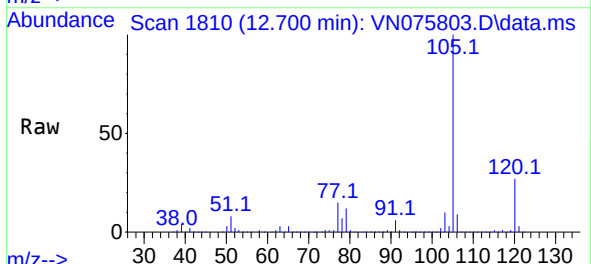
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

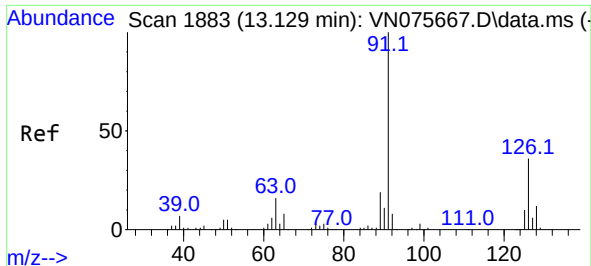
Tgt Ion:105 Resp: 5403193
Ion Ratio Lower Upper
105 100
120 51.6 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 16.883 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.041 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 75 Resp: 24978
Ion Ratio Lower Upper
75 100
53 89.8 73.8 110.6
89 112.3 39.5 59.3#

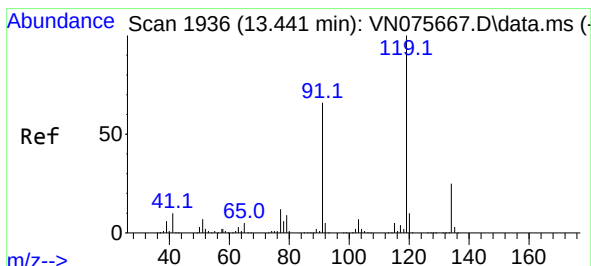
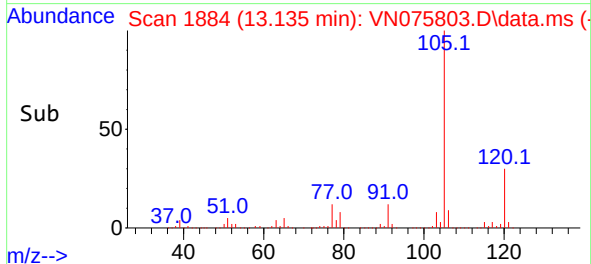
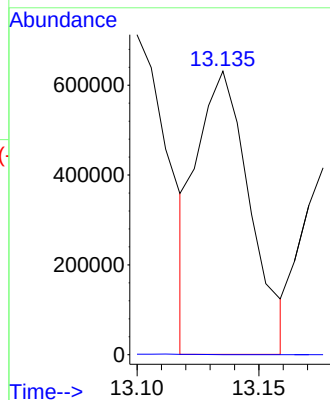
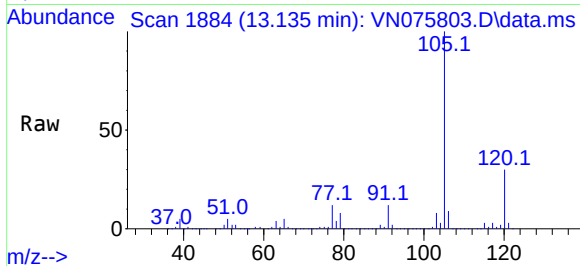




#82
4-Chlorotoluene
Concen: 72.618 ug/l
RT: 13.135 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

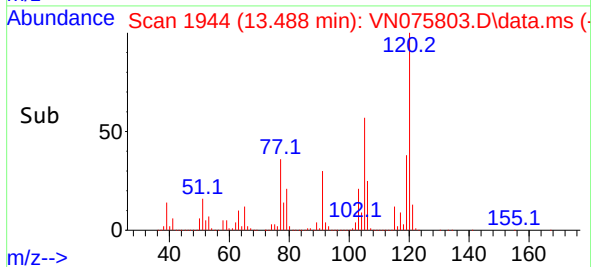
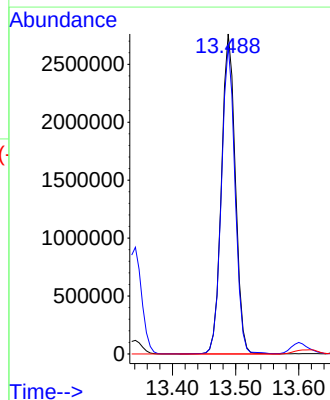
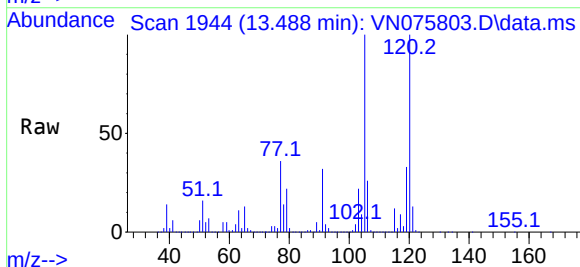
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

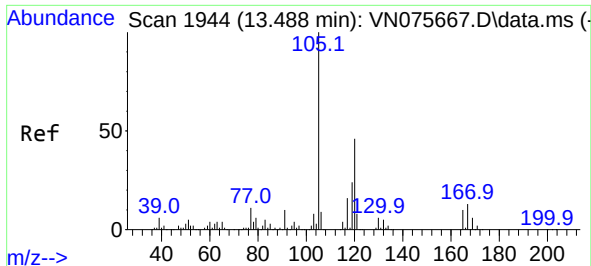
Tgt Ion: 91 Resp: 954502
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#83
tert-Butylbenzene
Concen: 298.215 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 119 Resp: 4201209
Ion Ratio Lower Upper
119 100
91 94.5 31.9 95.5
134 0.0 13.8 41.4#

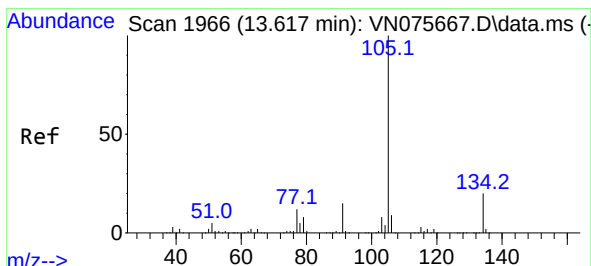
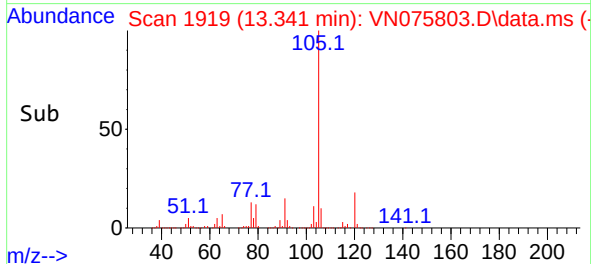
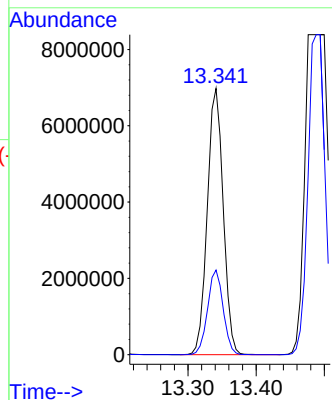
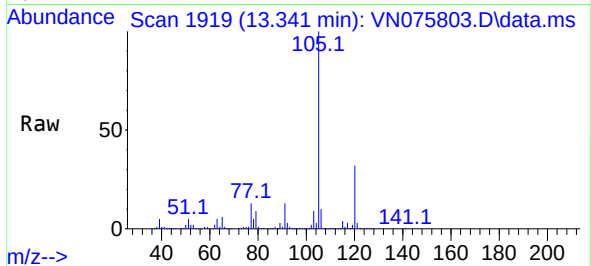




#84
1,2,4-Trimethylbenzene
Concen: 714.930 ug/l
RT: 13.341 min Scan# 1944
Delta R.T. -0.141 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

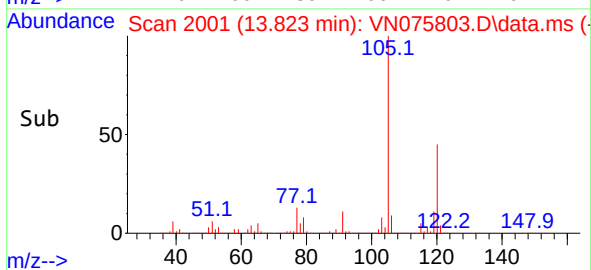
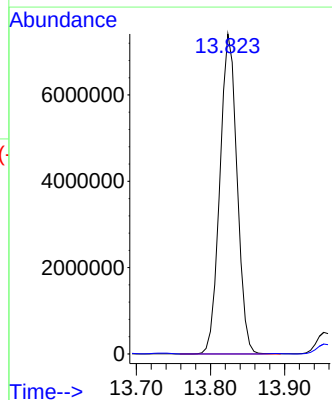
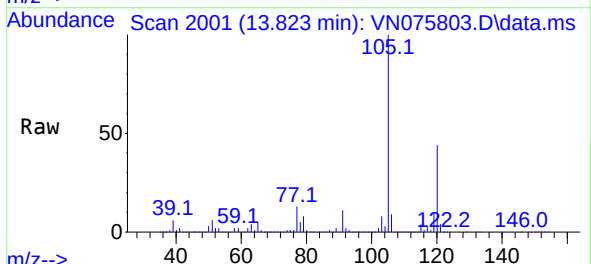
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

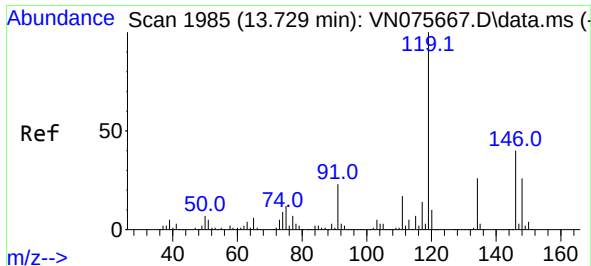
Tgt Ion:105 Resp:11332528
Ion Ratio Lower Upper
105 100
120 31.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 614.082 ug/l
RT: 13.823 min Scan# 2001
Delta R.T. 0.206 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion:105 Resp:11940563
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#



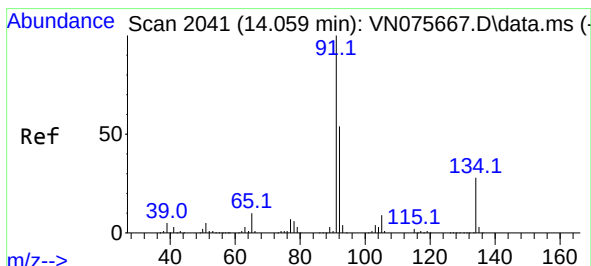
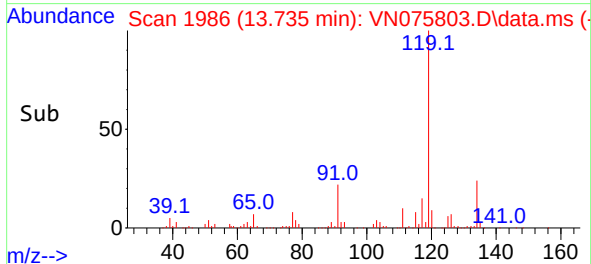
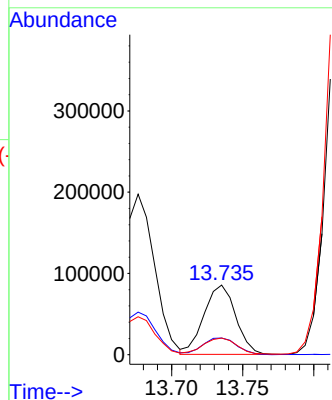
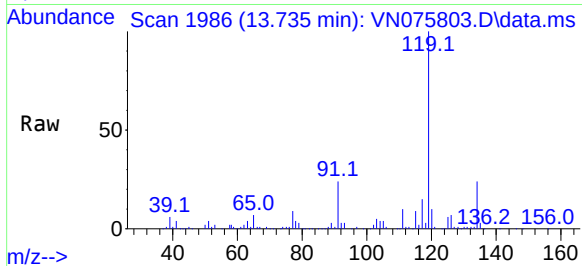


#86
p-Isopropyltoluene
Concen: 8.195 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Instrument : MSVOA_N
ClientSampleId : DUP120822

Tgt Ion: 119 Resp: 132597

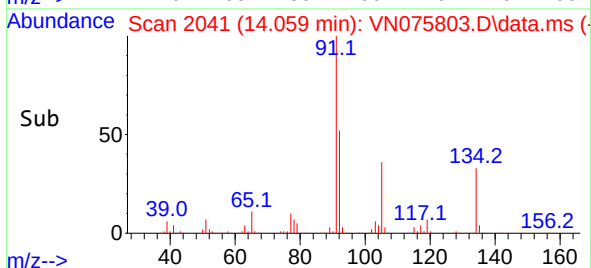
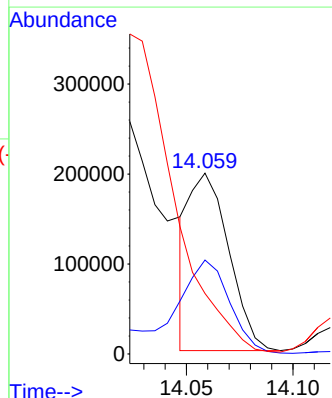
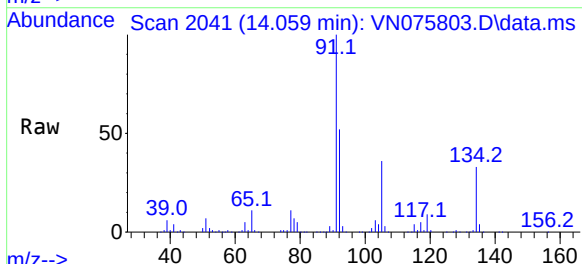
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	0.0	11.2	33.6#

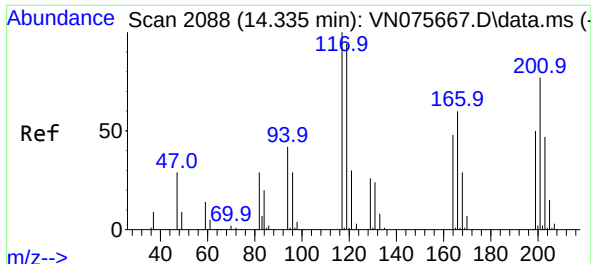


#89
n-Butylbenzene
Concen: 19.311 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Tgt Ion: 91 Resp: 253116

Ion	Ratio	Lower	Upper
91	100		
92	68.3	26.4	79.2
134	0.0	13.4	40.2#

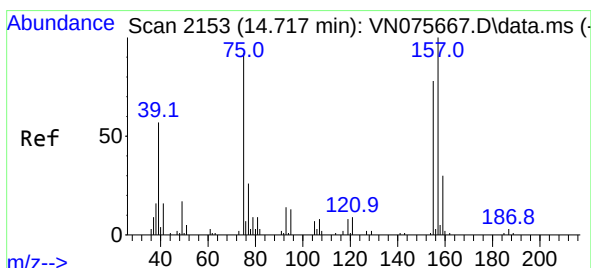
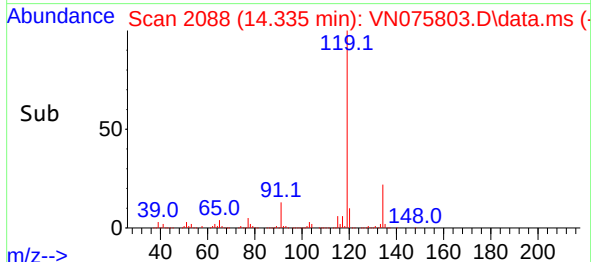
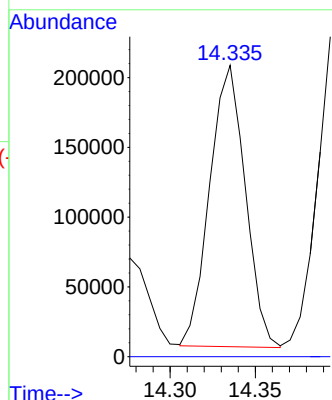
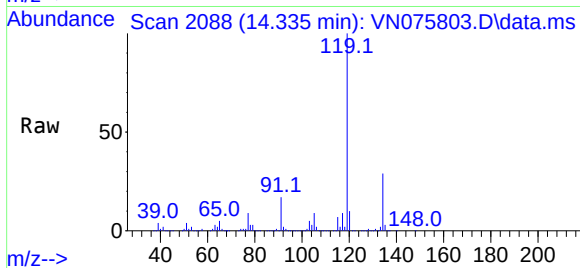




#90
Hexachloroethane
Concen: 101.151 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

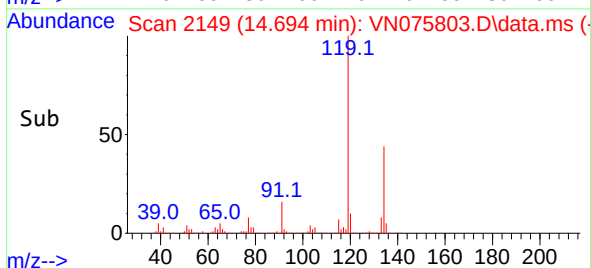
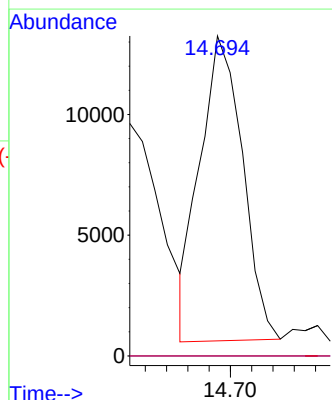
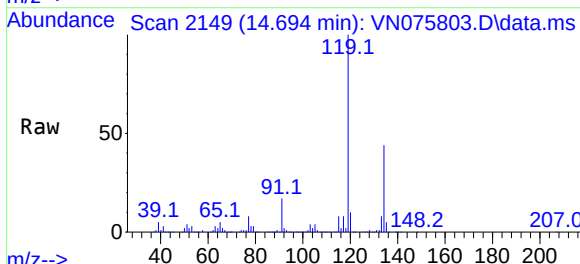
Instrument :
MSVOA_N
ClientSampleId :
DUP120822

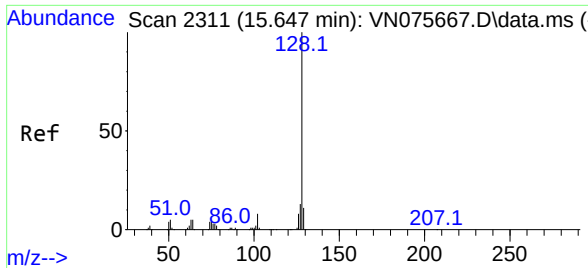
Tgt Ion:117 Resp: 292751
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.712 ug/l
RT: 14.694 min Scan# 2149
Delta R.T. -0.029 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

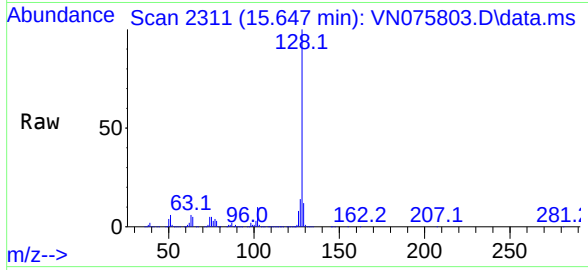
Tgt Ion: 75 Resp: 17501
Ion Ratio Lower Upper
75 100
155 0.0 49.3 147.8#
157 0.0 63.7 191.3#





#95
Naphthalene
Concen: 882.164 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075803.D
Acq: 15 Dec 2022 06:27

Instrument :
MSVOA_N
ClientSampleId :
DUP120822



Tgt Ion:128 Resp:13228525
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.4 8.7 13.1

