

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075070.D
 Acq On : 28 Oct 2022 19:00
 Operator : JC\MD
 Sample : N5313-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-SE-QUARTER

Quant Time: Oct 31 03:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

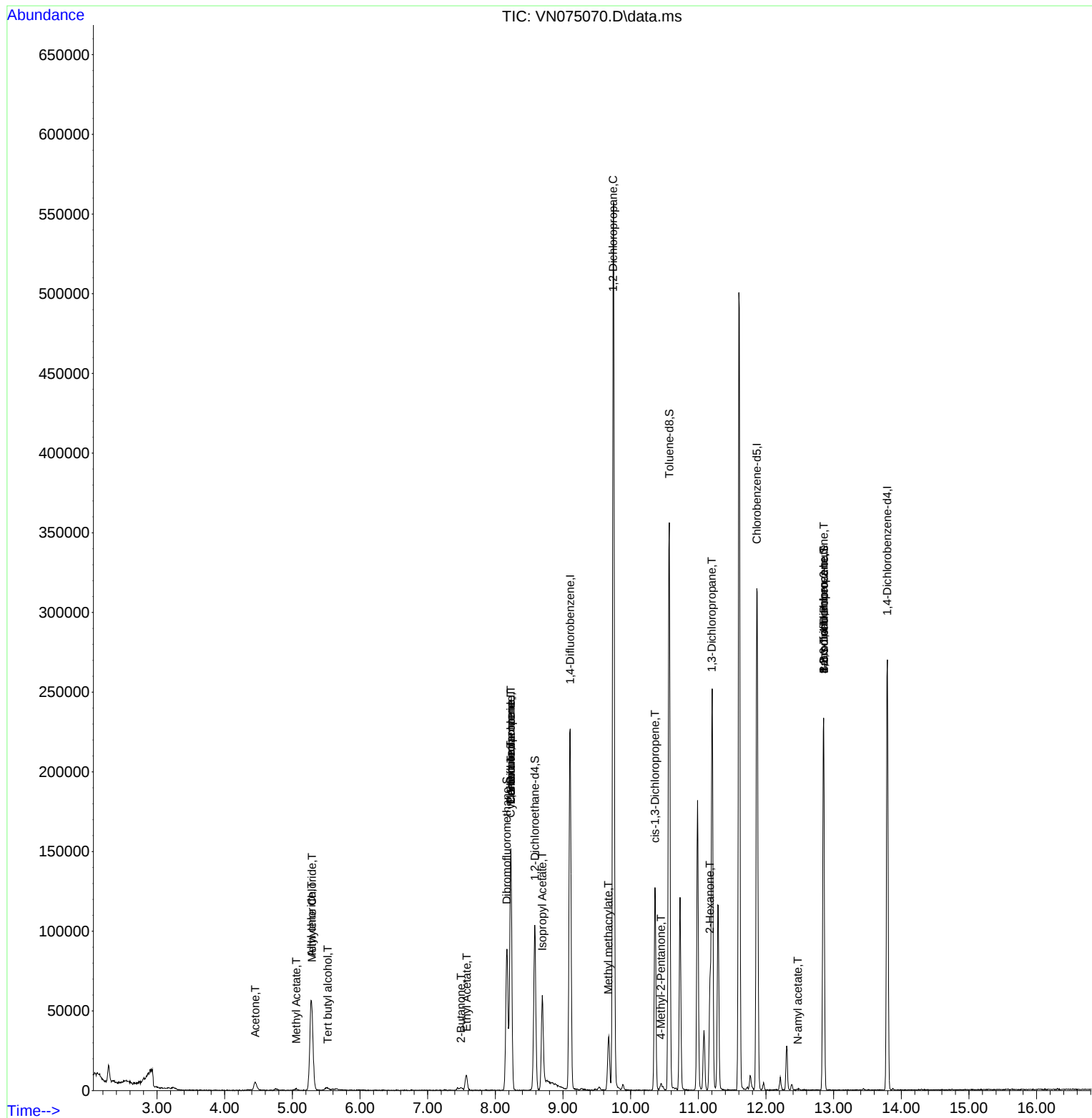
Internal Standards						
1) Pentafluorobenzene	8.230	168	104626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	202874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	81914	58.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.220%			
35) Dibromofluoromethane	8.171	113	63895	53.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	10.571	98	249657	54.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.853	95	80030	49.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.620%			
Target Compounds						Qvalue
5) Bromomethane	2.912	94	207	Below Cal		89
11) Tert butyl alcohol	5.524	59	919	2.795 ug/l #		72
14) Allyl chloride	5.283	41	1076	0.664 ug/l #		19
16) Acetone	4.453	43	10251	17.174 ug/l		98
18) Methyl Acetate	5.059	43	2189	1.123 ug/l #		56
20) Methylene Chloride	5.289	84	47242	35.496 ug/l		94
25) 2-Butanone	7.494	43	3020	3.217 ug/l		93
31) Cyclohexane	8.224	56	2660	1.269 ug/l #		51
36) 1,1-Dichloropropene	8.230	75	9422	5.110 ug/l #		50
37) Ethyl Acetate	7.577	43	14287	7.065 ug/l		97
38) Carbon Tetrachloride	8.230	117	11432	5.636 ug/l #		16
43) Isopropyl Acetate	8.694	43	66807	21.300 ug/l #		88
45) 1,2-Dichloropropane	9.741	63	647	0.482 ug/l #		42
48) Methyl methacrylate	9.671	41	1933	1.344 ug/l #		38
51) 4-Methyl-2-Pentanone	10.447	43	3012	1.488 ug/l #		85
54) cis-1,3-Dichloropropene	10.359	75	24386	10.746 ug/l #		67
57) 1,3-Dichloropropane	11.200	76	2779	1.115 ug/l #		42
59) 2-Hexanone	11.171	43	61378	39.955 ug/l #		21
71) Bromoform	12.853	173	652	0.602 ug/l #		1
74) N-amyl acetate	12.470	43	628	0.298 ug/l #		38
76) 1,2,3-Trichloropropane	12.853	75	44542	29.525 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	44542	75.791 ug/l #		10

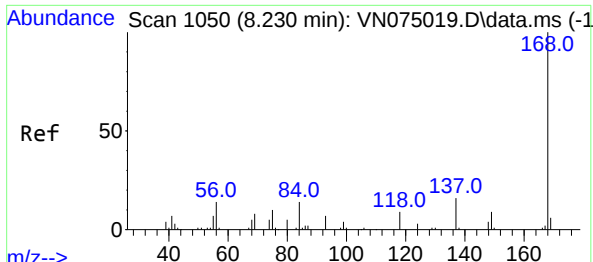
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N5313-16
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

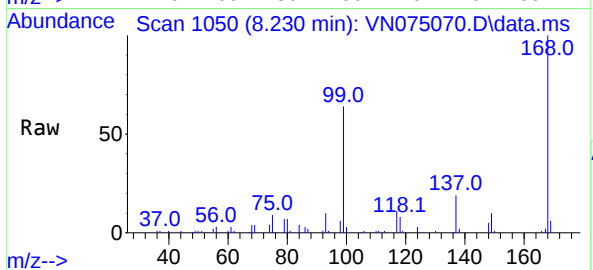
Quant Time: Oct 31 03:10:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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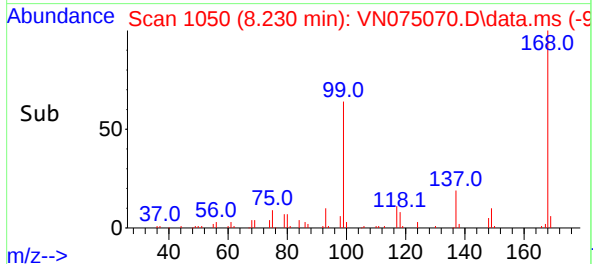
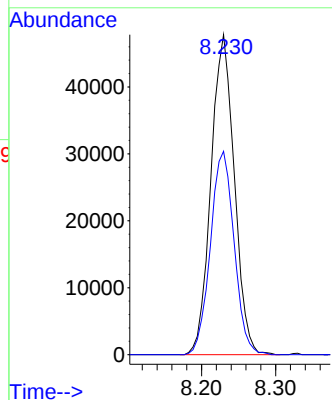


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

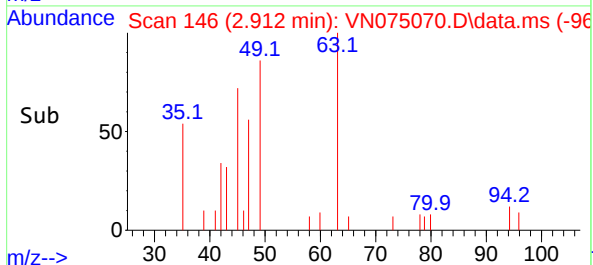
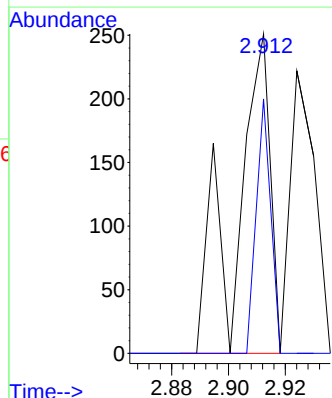
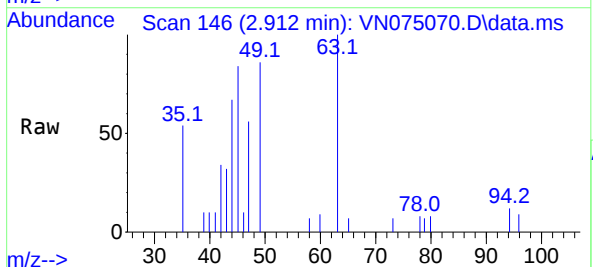


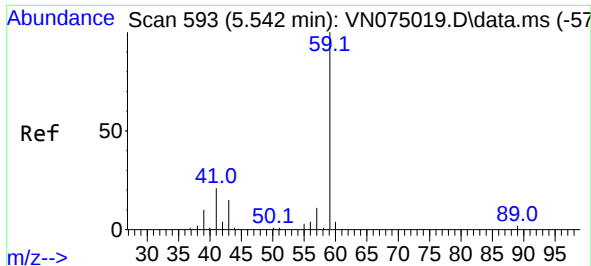
Tgt Ion:168 Resp: 104626
Ion Ratio Lower Upper
168 100
99 63.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 79.7 71.8 107.6

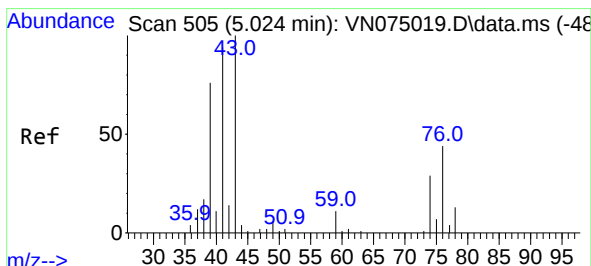
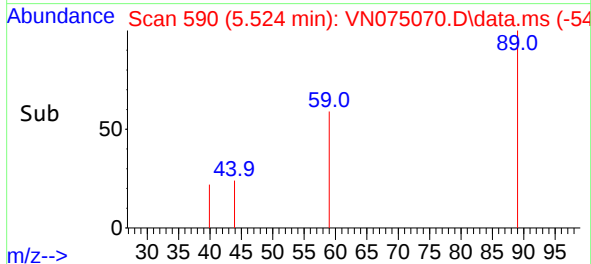
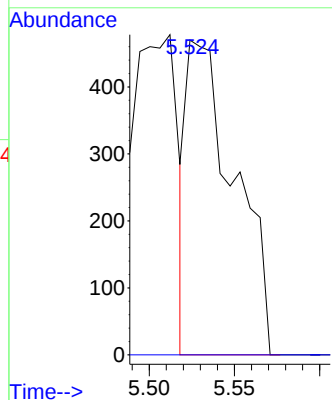
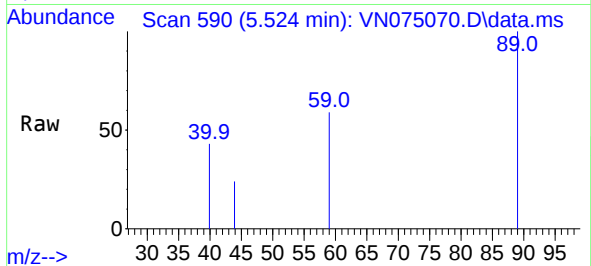




#11
Tert butyl alcohol
Concen: 2.795 ug/l
RT: 5.524 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

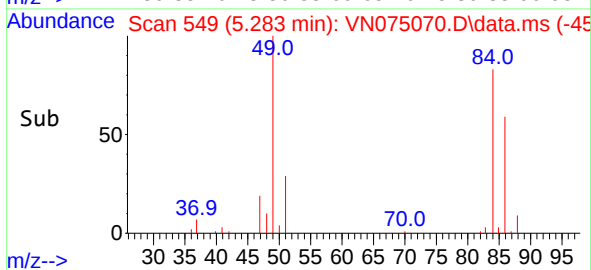
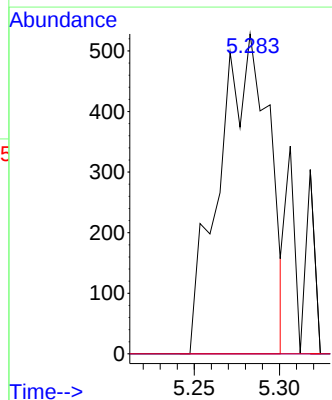
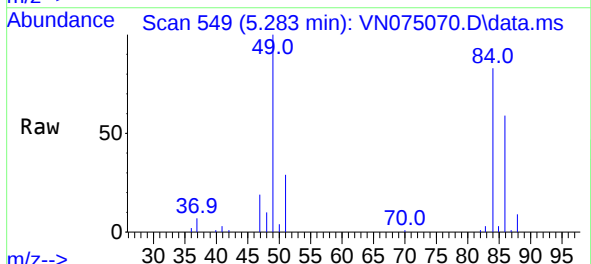
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

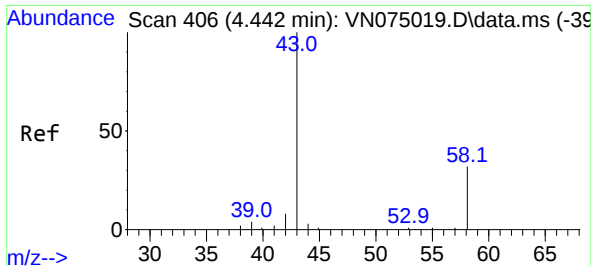
Tgt Ion: 59 Resp: 919
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 0.664 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.259 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 41 Resp: 1076
Ion Ratio Lower Upper
41 100
39 0.0 61.0 91.4#
76 0.0 33.4 50.0#

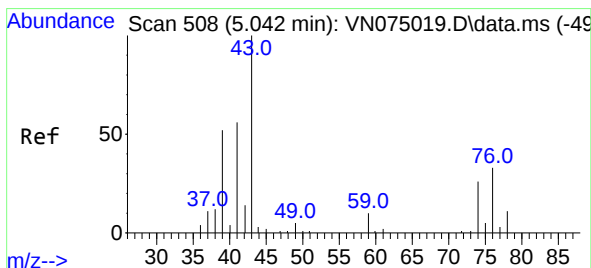
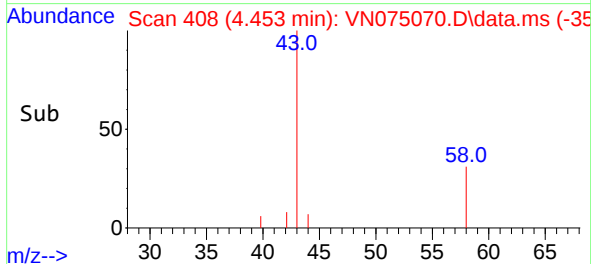
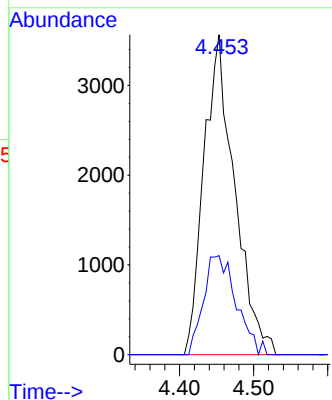
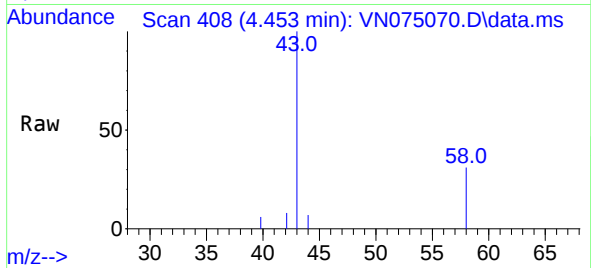




#16
Acetone
Concen: 17.174 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

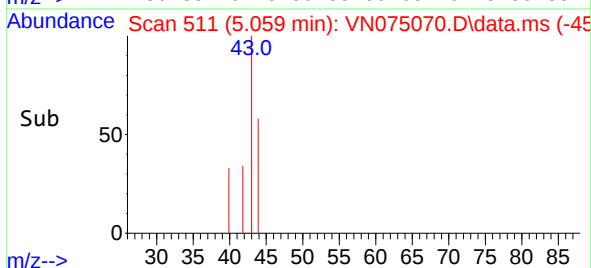
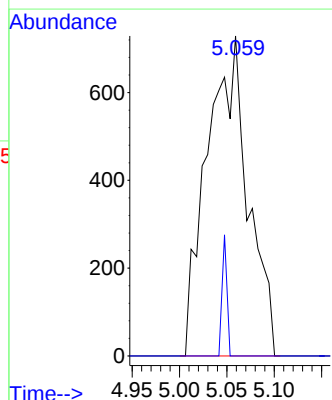
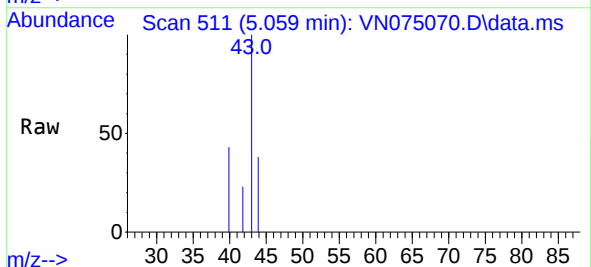
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

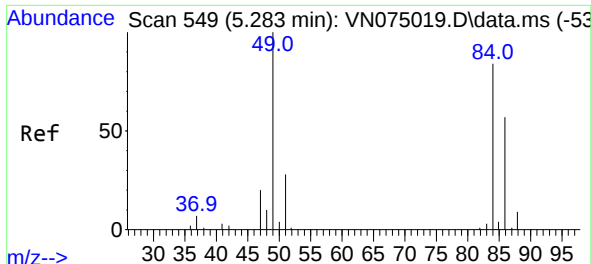
Tgt Ion: 43 Resp: 10251
Ion Ratio Lower Upper
43 100
58 31.0 25.5 38.3



#18
Methyl Acetate
Concen: 1.123 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
74 4.4 22.0 33.0#



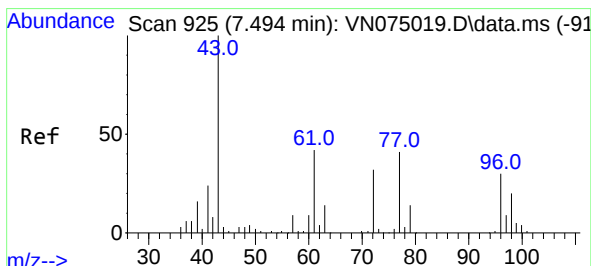
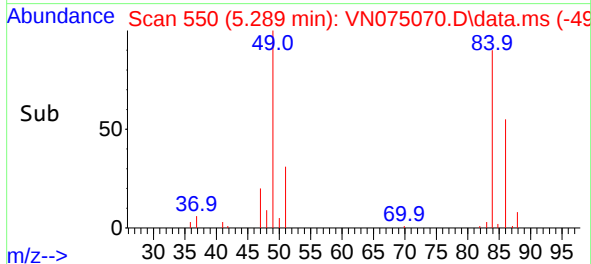
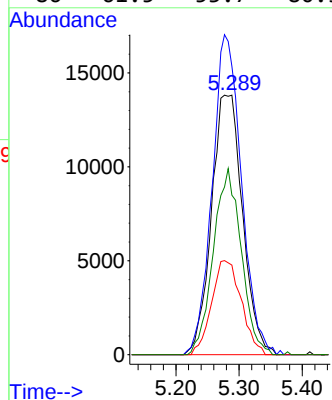
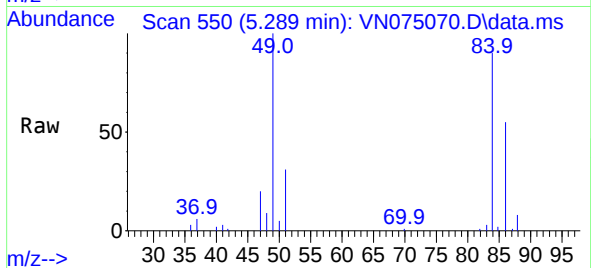


#20
Methylene Chloride
Concen: 35.496 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

Tgt Ion: 84 Resp: 47242

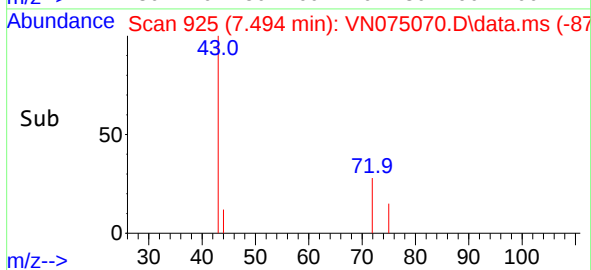
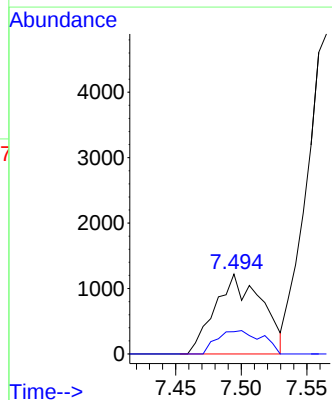
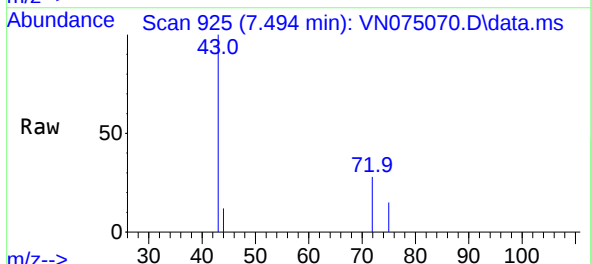
Ion	Ratio	Lower	Upper
84	100		
49	111.2	94.9	142.3
51	34.5	26.8	40.2
86	61.5	53.7	80.5

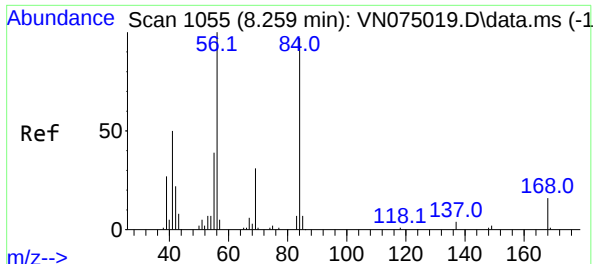


#25
2-Butanone
Concen: 3.217 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 43 Resp: 3020

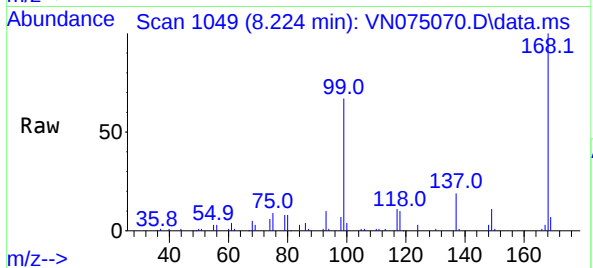
Ion	Ratio	Lower	Upper
43	100		
72	27.9	25.5	38.3



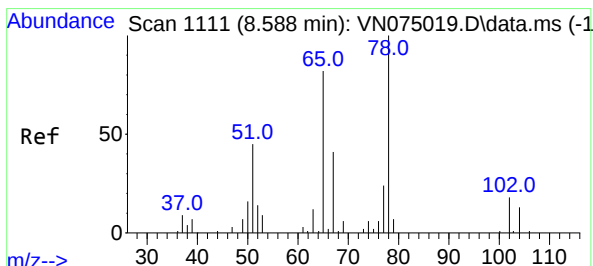
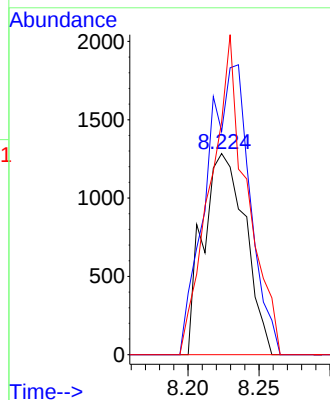
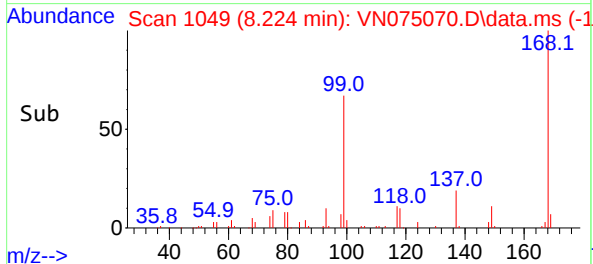


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
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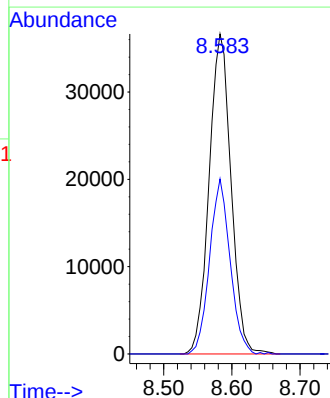
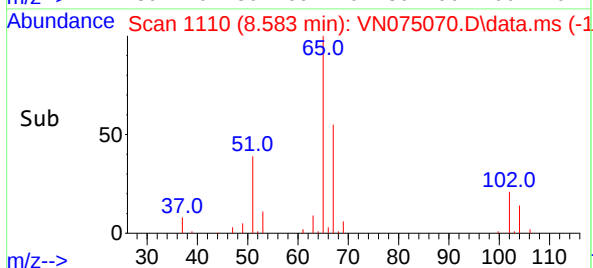
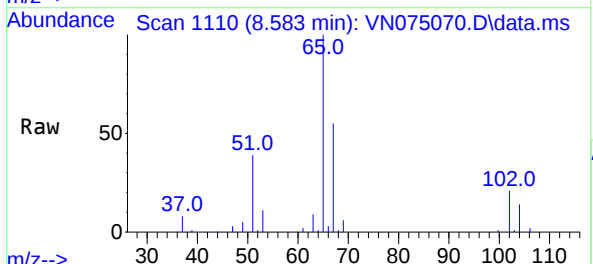


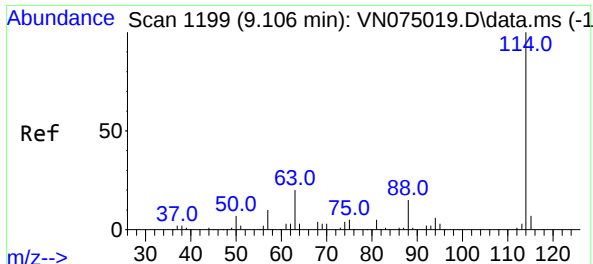
Tgt Ion: 56 Resp: 2660
Ion Ratio Lower Upper
56 100
69 111.0 25.2 37.8#
84 115.8 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 58.107 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 65 Resp: 81914
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0

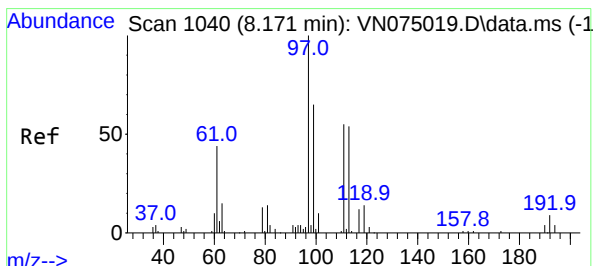
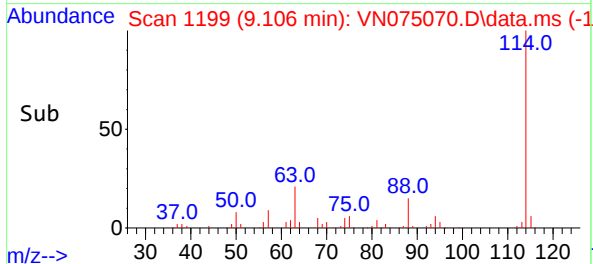
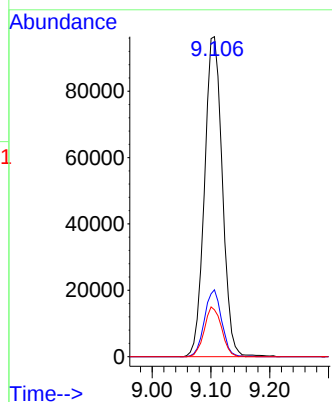
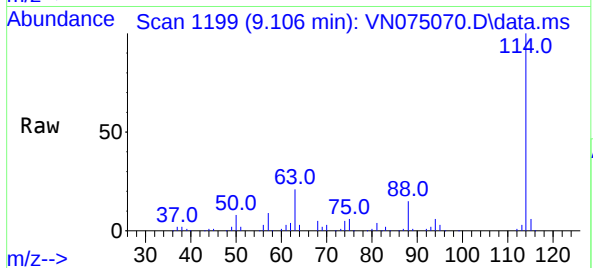




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

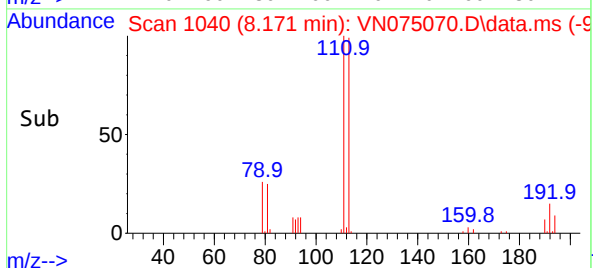
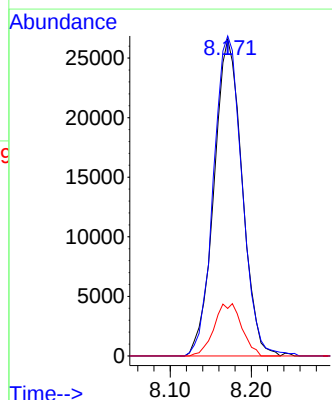
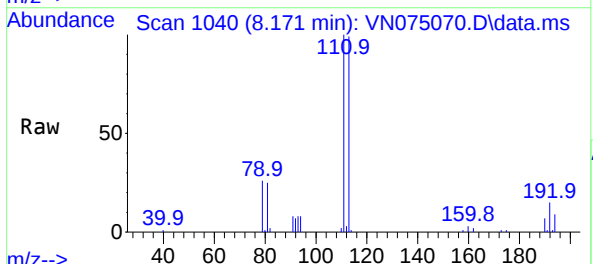
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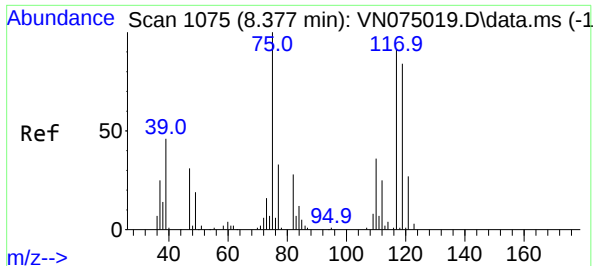
Tgt Ion:114 Resp: 202874
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.6
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.649 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion:113 Resp: 63895
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 16.3 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.110 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.147 min

Lab File: VN075070.D

Acq: 28 Oct 2022 19:00

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-SE-QUARTER

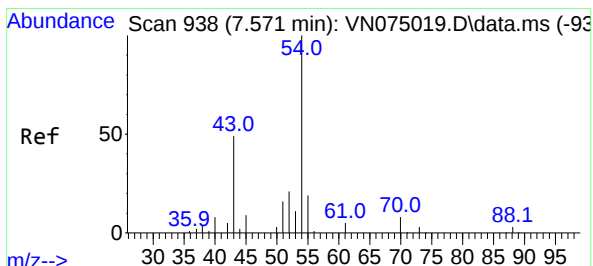
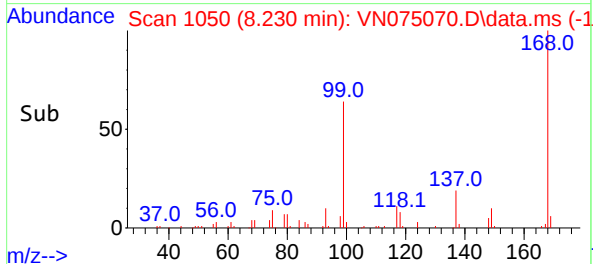
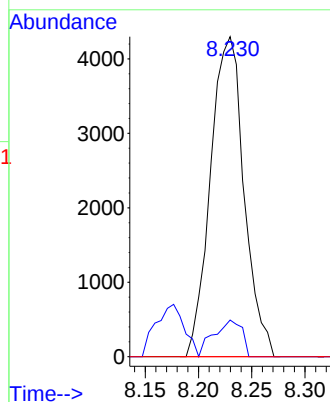
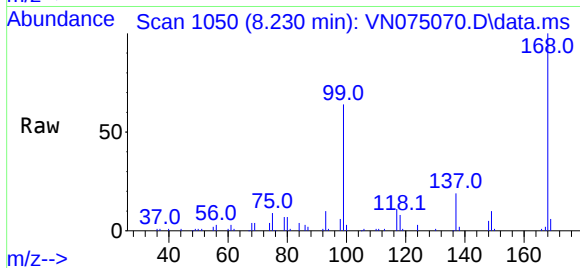
Tgt Ion: 75 Resp: 9422

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 7.065 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN075070.D

Acq: 28 Oct 2022 19:00

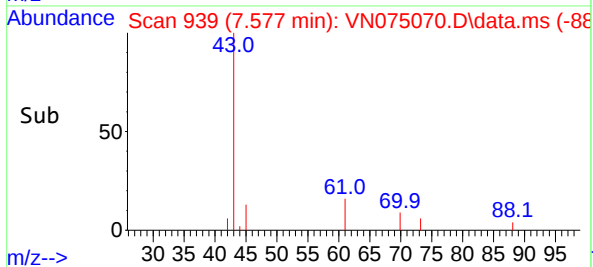
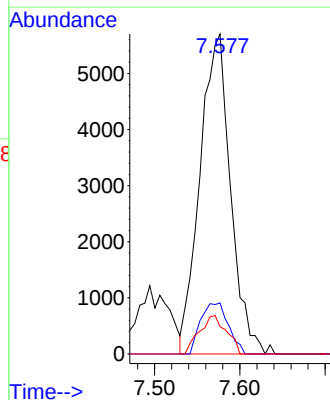
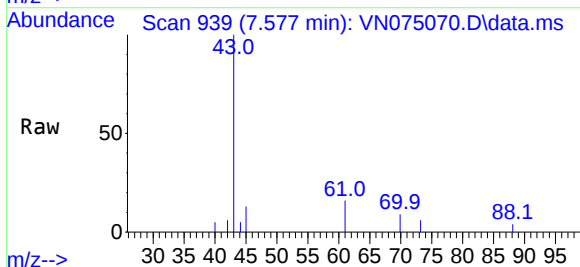
Tgt Ion: 43 Resp: 14287

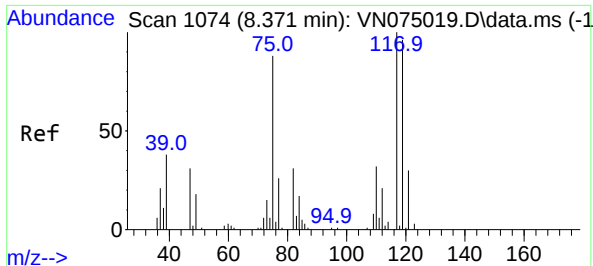
Ion Ratio Lower Upper

43 100

61 14.4 12.2 18.4

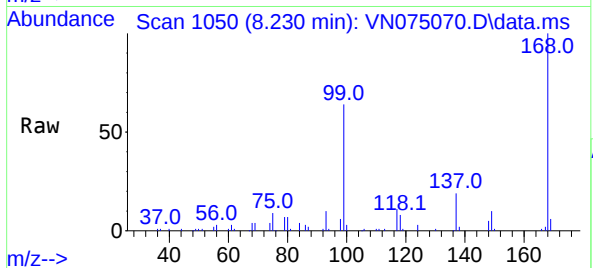
70 10.5 9.4 14.2



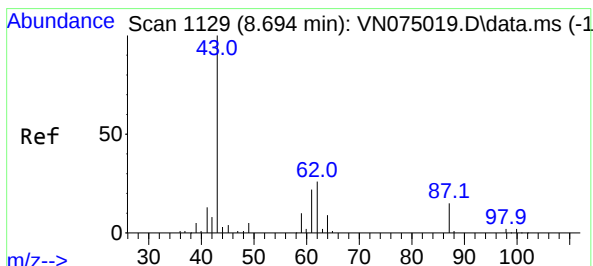
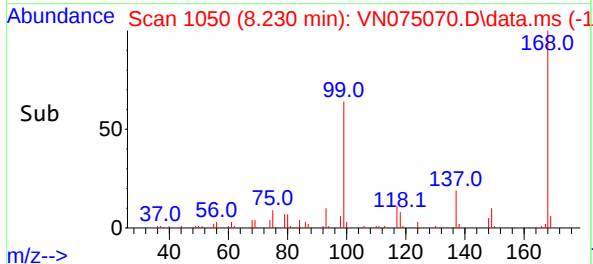
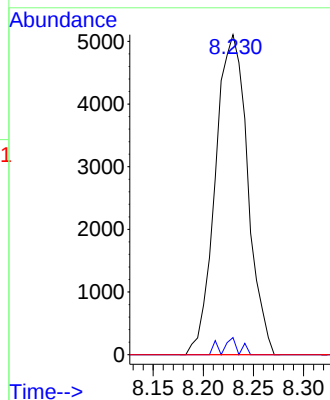


#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 8.230 min Scan# 11432
Delta R.T. -0.141 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
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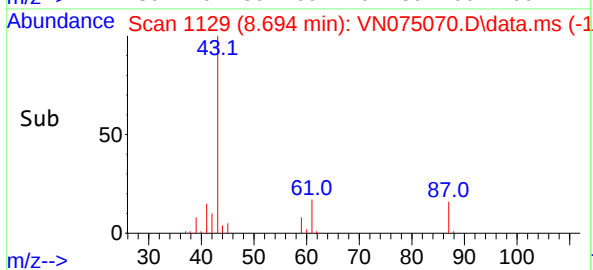
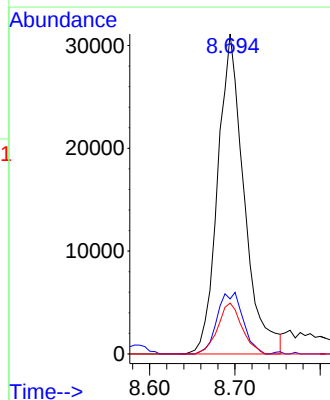
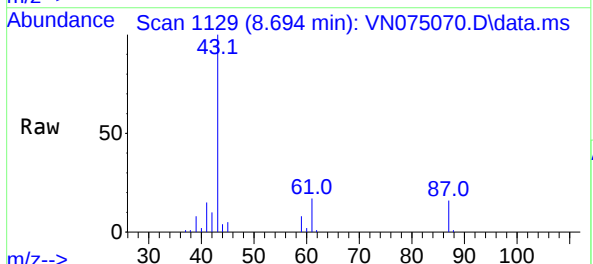


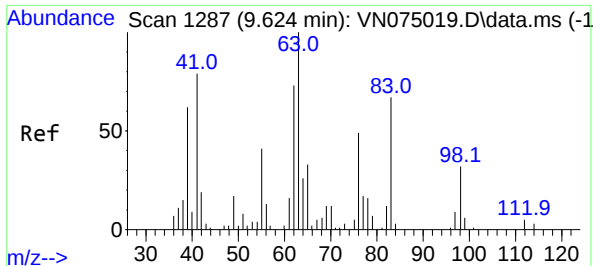
Tgt Ion:117 Resp: 11432
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 21.300 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 43 Resp: 66807
Ion Ratio Lower Upper
43 100
61 18.9 22.4 33.6#
87 14.6 12.5 18.7

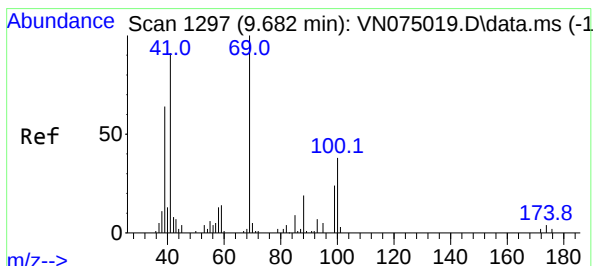
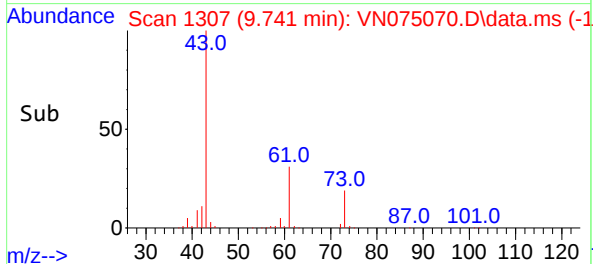
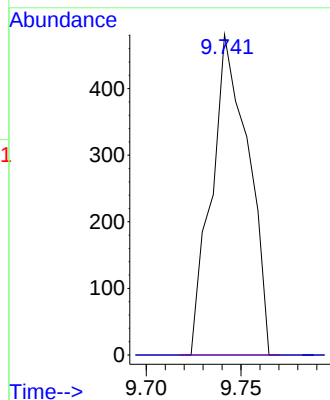
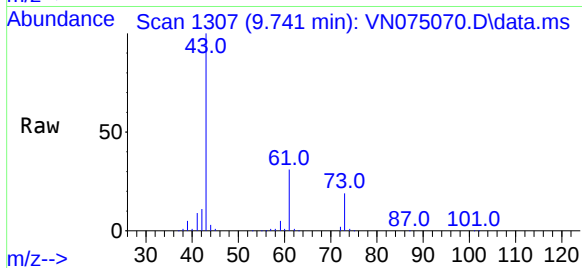




#45
1,2-Dichloropropane
Concen: 0.482 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

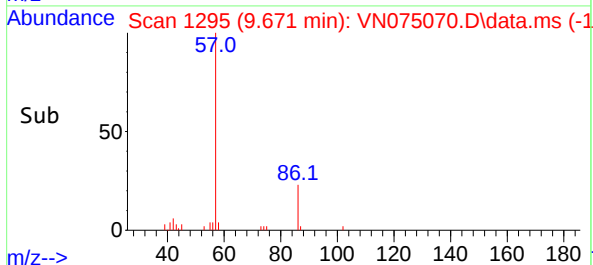
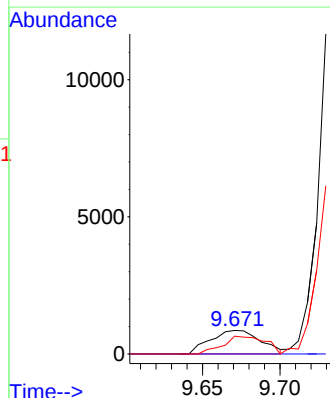
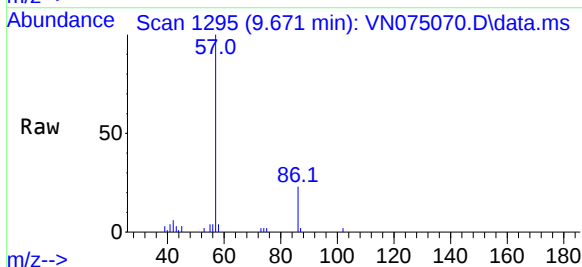
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

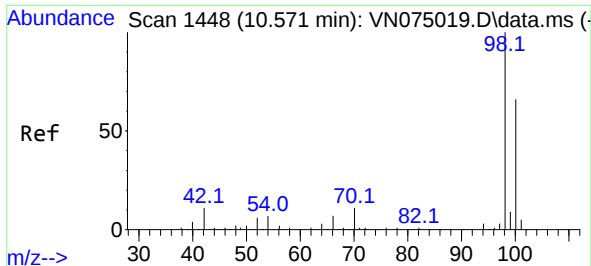
Tgt Ion: 63 Resp: 647
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#



#48
Methyl methacrylate
Concen: 1.344 ug/l
RT: 9.671 min Scan# 1295
Delta R.T. -0.011 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 41 Resp: 1933
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 63.7 56.2 84.2

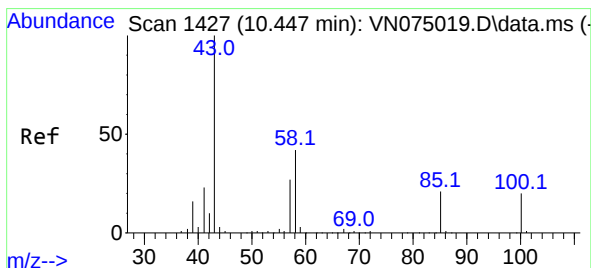
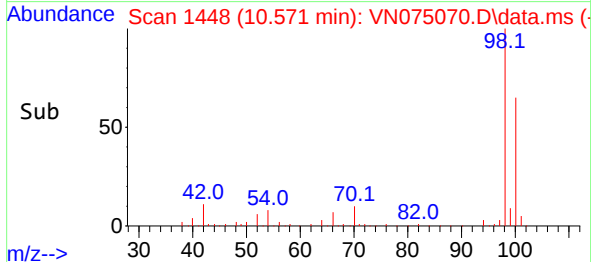
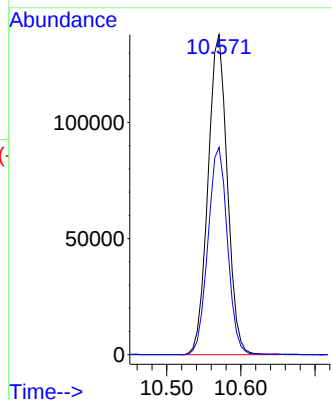
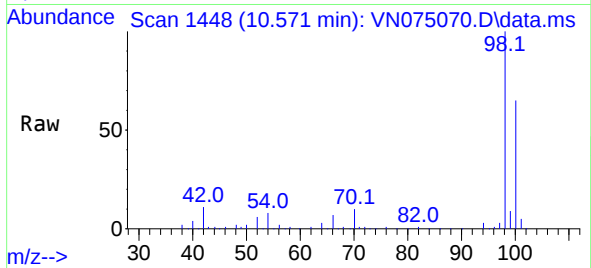




#50
Toluene-d8
Concen: 54.031 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

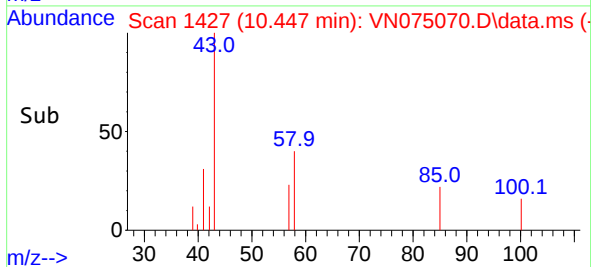
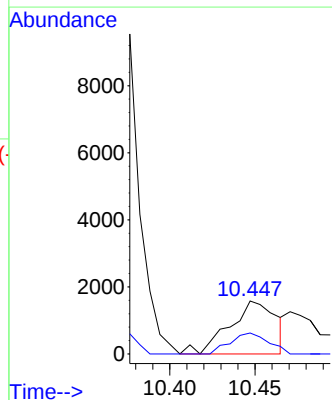
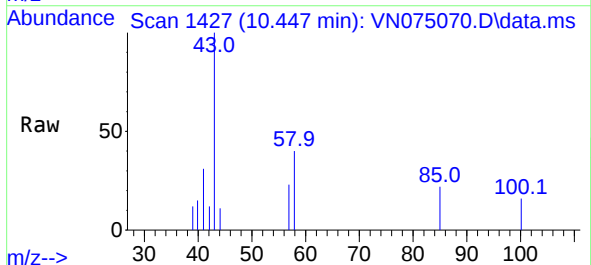
Instrument :
MSVOA_N
ClientSampleId :
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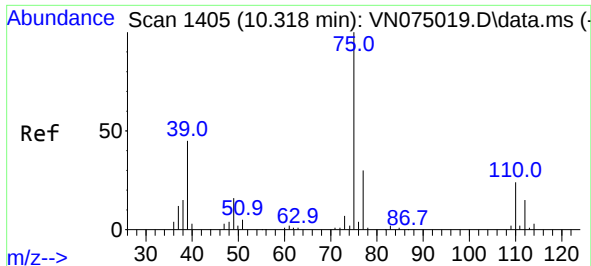
Tgt Ion: 98 Resp: 249657
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.488 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 43 Resp: 3012
Ion Ratio Lower Upper
43 100
58 32.6 33.6 50.4#

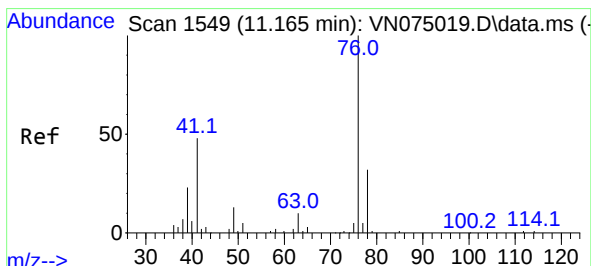
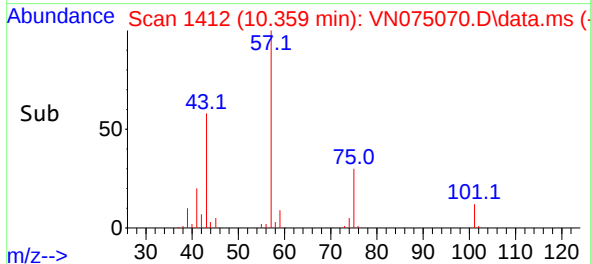
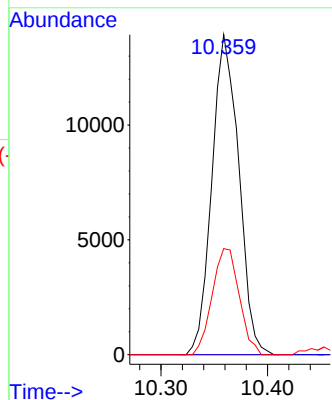
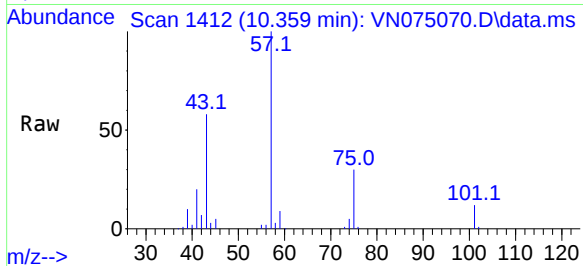




#54
 cis-1,3-Dichloropropene
 Concen: 10.746 ug/l
 RT: 10.359 min Scan# 1405
 Delta R.T. 0.041 min
 Lab File: VN075070.D
 Acq: 28 Oct 2022 19:00

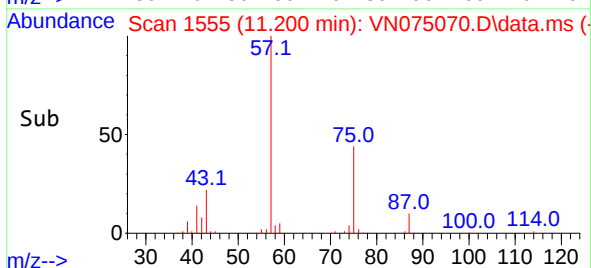
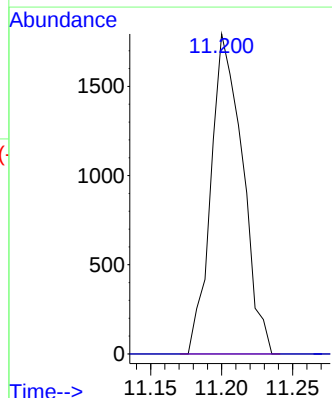
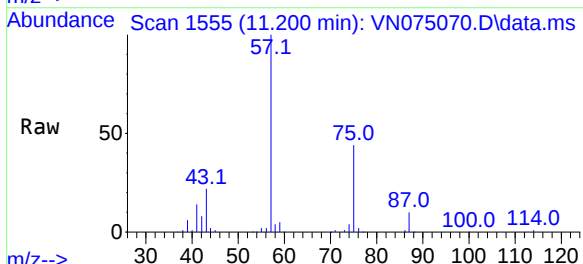
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-SE-QUARTER

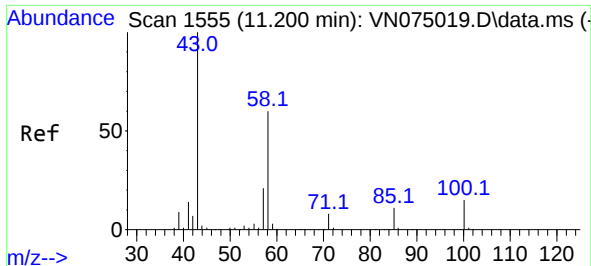
Tgt Ion: 75 Resp: 24386
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 33.1 35.8 53.6#



#57
 1,3-Dichloropropane
 Concen: 1.115 ug/l
 RT: 11.200 min Scan# 1555
 Delta R.T. 0.035 min
 Lab File: VN075070.D
 Acq: 28 Oct 2022 19:00

Tgt Ion: 76 Resp: 2779
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

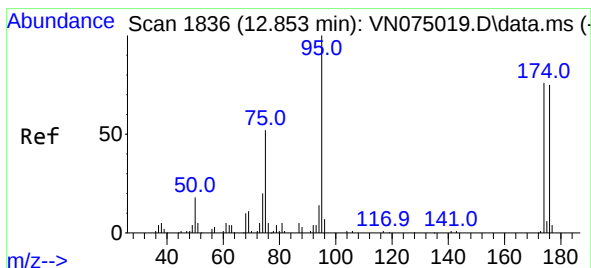
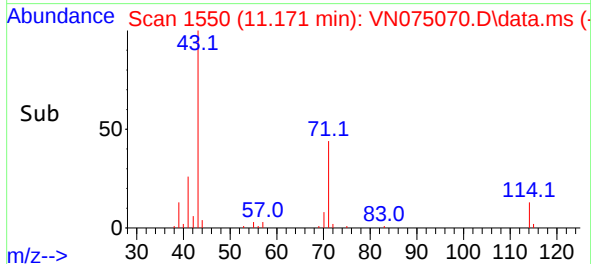
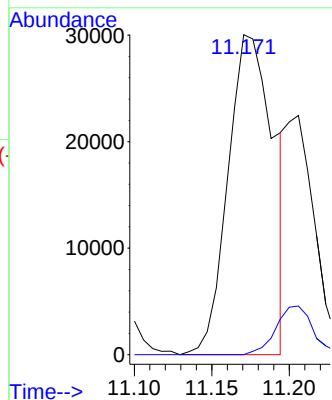
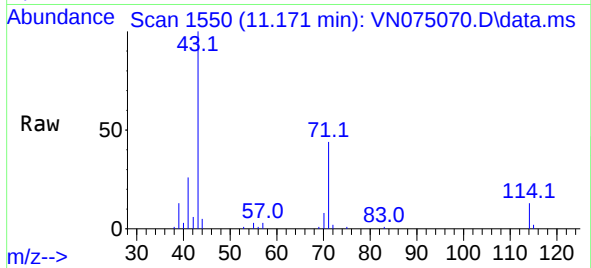




#59
2-Hexanone
Concen: 39.955 ug/l
RT: 11.171 min Scan# 1115
Delta R.T. -0.029 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

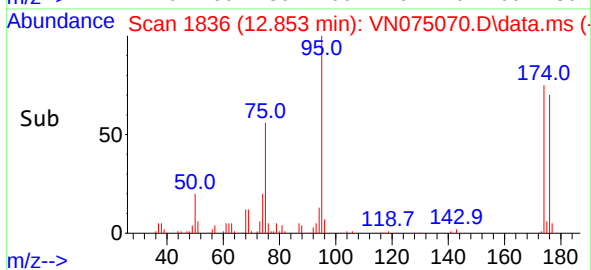
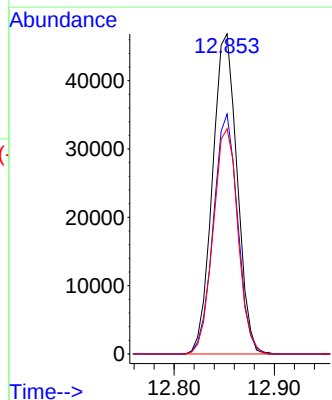
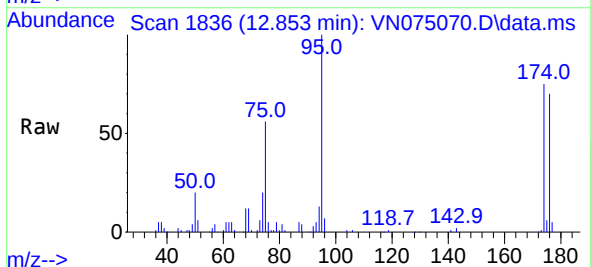
Instrument :
MSVOA_N
ClientSampleId :
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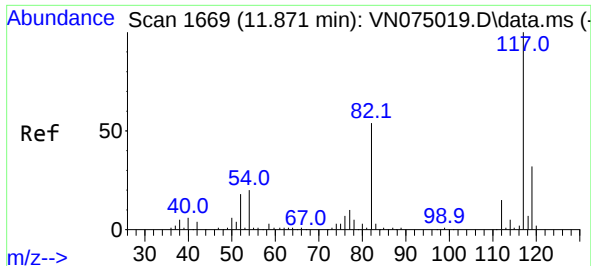
Tgt Ion: 43 Resp: 61378
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 95 Resp: 80030
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 70.6 0.0 142.2

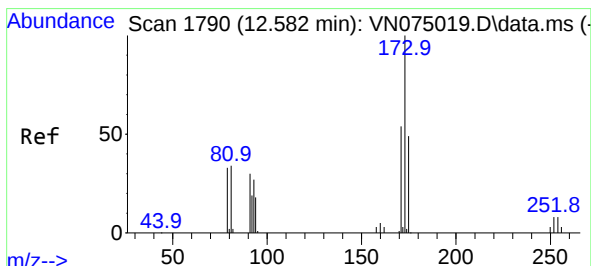
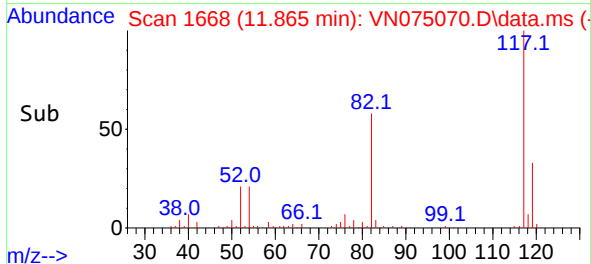
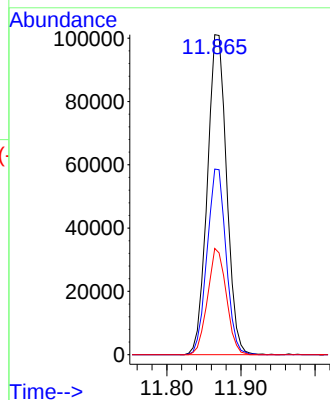
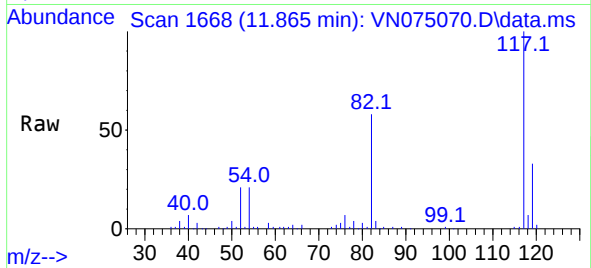




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

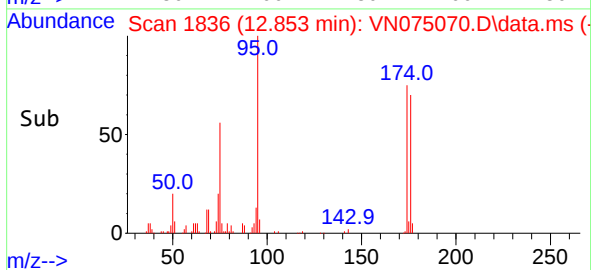
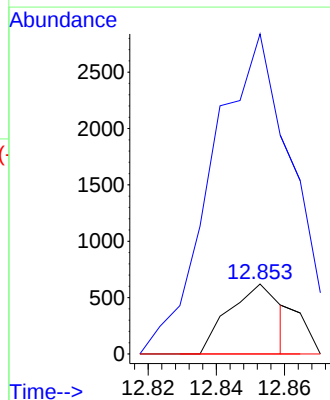
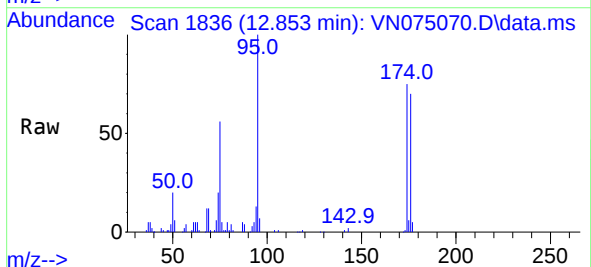
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

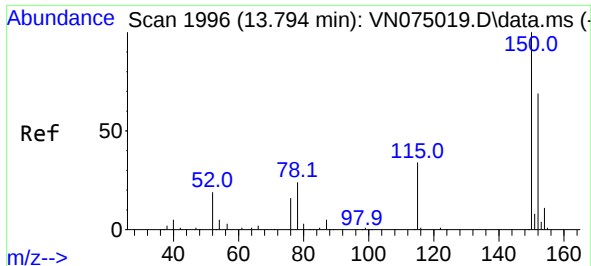
Tgt Ion:117 Resp: 182763
Ion Ratio Lower Upper
117 100
82 58.0 43.1 64.7
119 33.2 25.5 38.3



#71
Bromoform
Concen: 0.602 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion:173 Resp: 652
Ion Ratio Lower Upper
173 100
175 597.4 24.6 74.0#
254 0.0 0.0 0.0

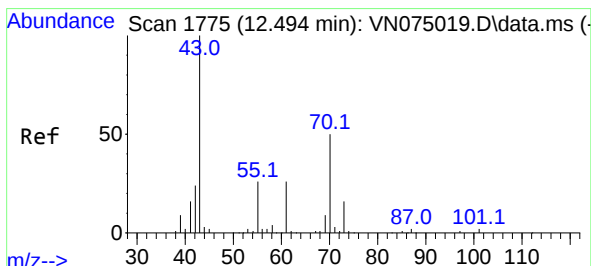
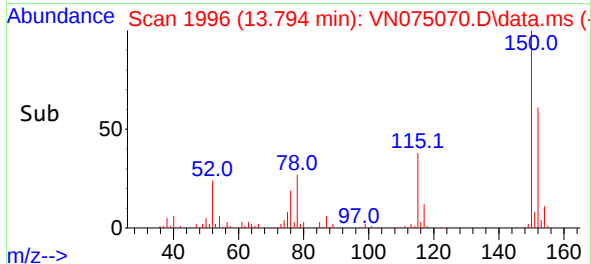
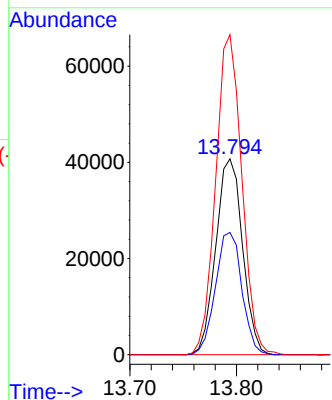
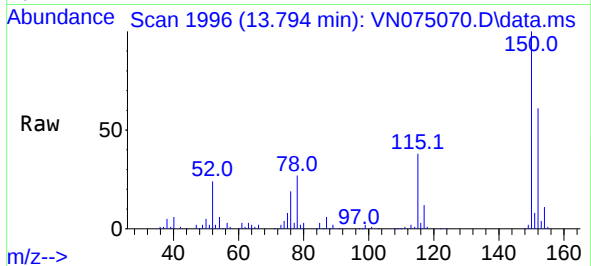




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

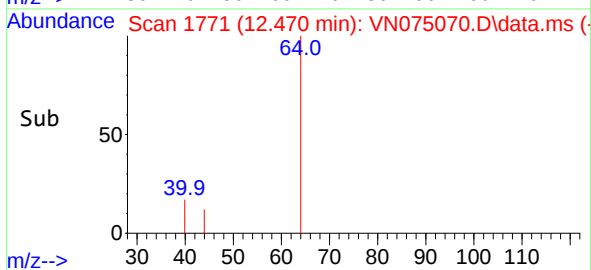
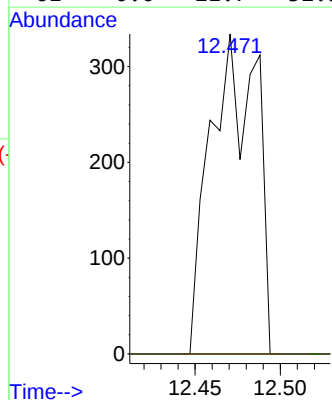
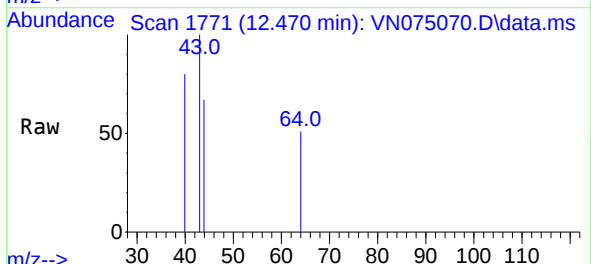
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

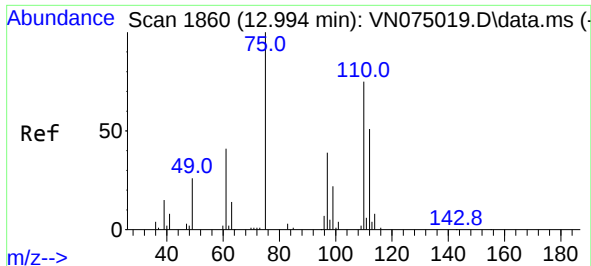
Tgt Ion:152 Resp: 71051
Ion Ratio Lower Upper
152 100
115 61.7 30.2 90.6
150 159.6 0.0 348.4



#74
N-ethyl acetate
Concen: 0.298 ug/l
RT: 12.470 min Scan# 1771
Delta R.T. -0.024 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

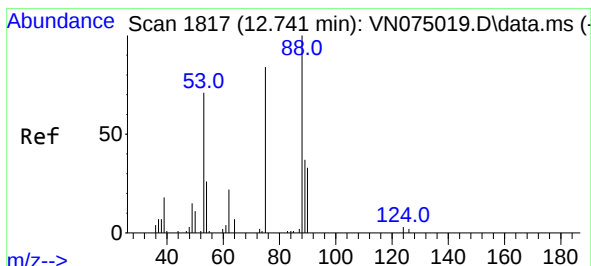
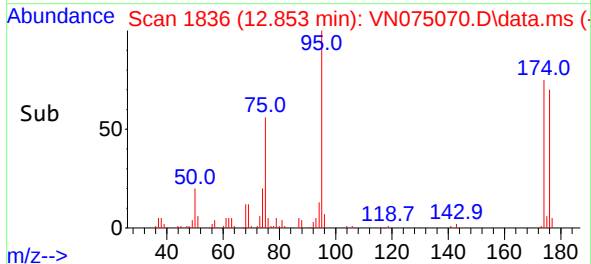
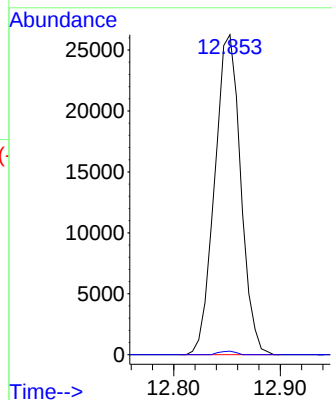
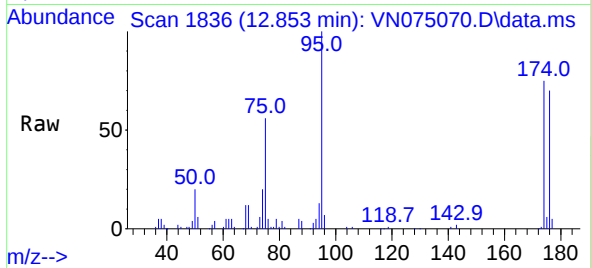




#76
1,2,3-Trichloropropane
Concen: 29.525 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-SE-QUARTER

Tgt Ion: 75 Resp: 44542
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.791 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075070.D
Acq: 28 Oct 2022 19:00

Tgt Ion: 75 Resp: 44542
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

