

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022424\
 Data File : VW034387.D
 Acq On : 24 Feb 2024 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 26 00:35:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	82810	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	75246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30727	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.532	69	25109	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	14100	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.831	46	47375	43.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.960%
24) Chloroform-d	4.249	84	55444	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.944	65	25524	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	103657	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.989	67	27573	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.243	98	96961	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.558	79	8221	3.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.027	63	34825	40.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.880%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17871	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31692	4.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32110	4.231	ug/L	99
3) Chloromethane	1.217	50	37152	4.488	ug/L	97
5) Vinyl chloride	1.285	62	35624	4.504	ug/L	91
6) Bromomethane	1.487	94	13418	3.221	ug/L	95
8) Chloroethane	1.552	64	25002	4.633	ug/L	89
9) Trichlorofluoromethane	1.716	101	60012	5.265	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32597	5.471	ug/L	98
12) 1,1-Dichloroethene	2.069	96	30373	5.250	ug/L	99
13) Acetone	2.146	43	44698	54.700	ug/L	95
14) Carbon disulfide	2.240	76	82161	4.389	ug/L	99
15) Methyl Acetate	2.394	43	8896	4.600	ug/L	99
16) Methylene chloride	2.445	84	30511	5.497	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	62420	5.251	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	30433	5.165	ug/L	97
19) 1,1-Dichloroethane	3.111	63	58327	5.387	ug/L	99
21) 2-Butanone	3.908	43	53672	49.703	ug/L #	60
22) cis-1,2-Dichloroethene	3.815	96	32215	4.819	ug/L	95
23) Bromochloromethane	4.149	128	12535	5.394	ug/L	91
25) Chloroform	4.275	83	59591	5.445	ug/L	94

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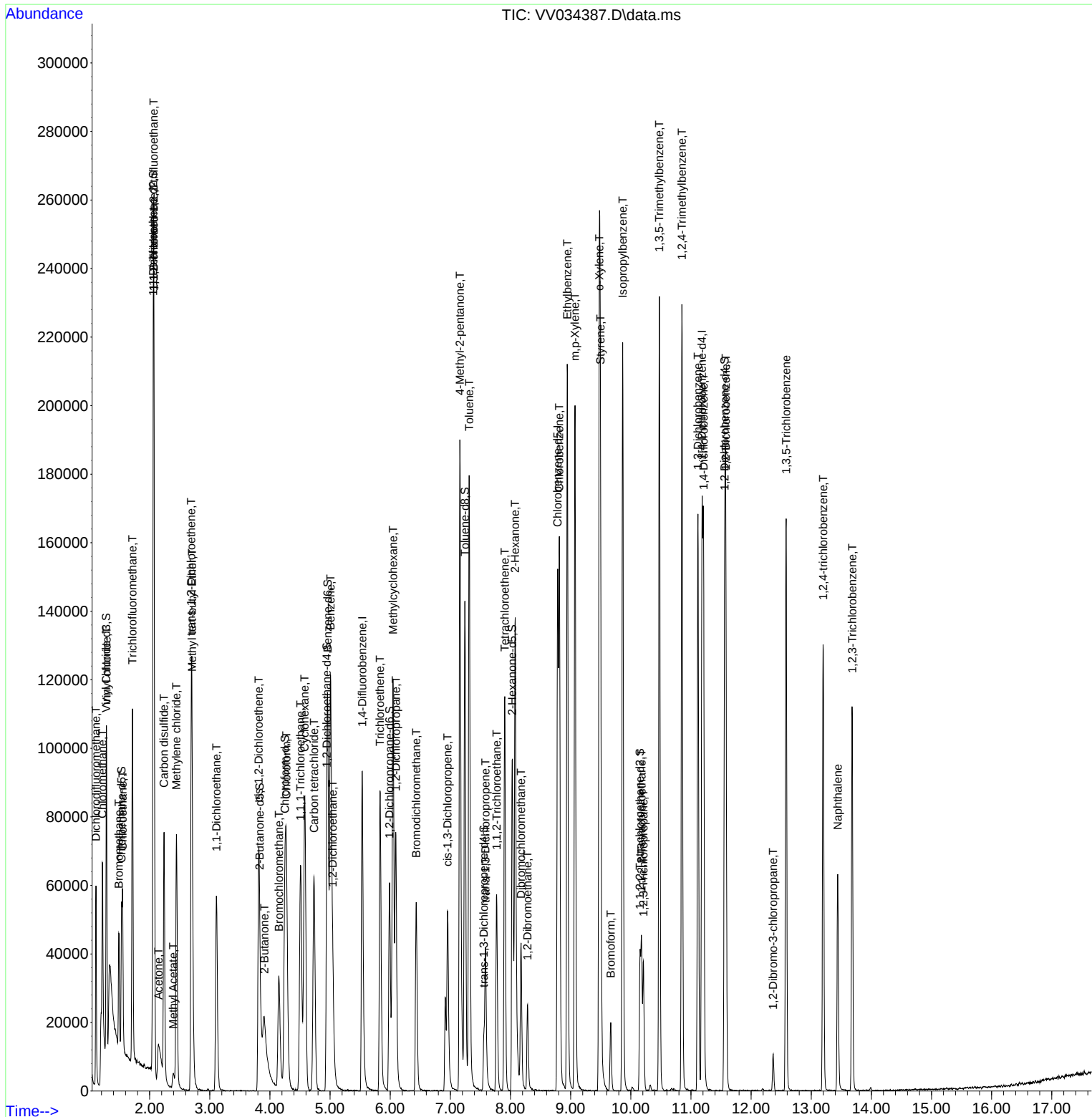
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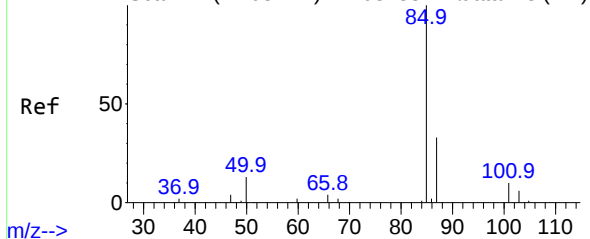
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33922	5.413	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	55601	5.504	ug/L	99
30) Cyclohexane	4.577	56	47438	4.828	ug/L	99
31) Carbon tetrachloride	4.735	117	47550	5.379	ug/L	99
33) Benzene	5.008	78	120687	5.348	ug/L	100
34) Trichloroethene	5.831	95	31235	4.782	ug/L	97
35) Methylcyclohexane	6.047	83	49370	4.815	ug/L	98
37) 1,2-Dichloropropane	6.095	63	27617	5.052	ug/L	100
38) Bromodichloromethane	6.432	83	37600	5.240	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	32918	3.957	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	138061	52.738	ug/L	99
42) Toluene	7.313	91	130208	5.398	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	25084	3.927	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	17549	5.199	ug/L	98
47) Tetrachloroethene	7.905	164	24949	4.701	ug/L	98
48) 2-Hexanone	8.079	43	94196	51.046	ug/L	97
49) Dibromochloromethane	8.175	129	20639	5.145	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15989	5.277	ug/L #	98
51) Chlorobenzene	8.812	112	81044	5.314	ug/L	99
52) Ethylbenzene	8.944	91	145781	5.251	ug/L	99
53) m,p-Xylene	9.072	106	53654	5.114	ug/L	98
54) o-Xylene	9.477	106	53795	5.317	ug/L	100
55) Styrene	9.497	104	82735	5.107	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	20025	5.620	ug/L	95
59) Bromoform	9.667	173	8894	4.075	ug/L	97
60) Isopropylbenzene	9.866	105	137602	4.693	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14247	5.230	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	119723	4.830	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	121026	5.025	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66197	5.178	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	61889	4.889	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	58572	5.335	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2730	4.782	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	49170	4.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	38736	5.016	ug/L	100
71) Naphthalene	13.442	128	50451	4.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	32178	5.200	ug/L	100

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

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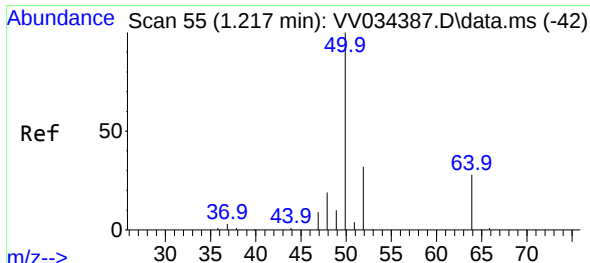
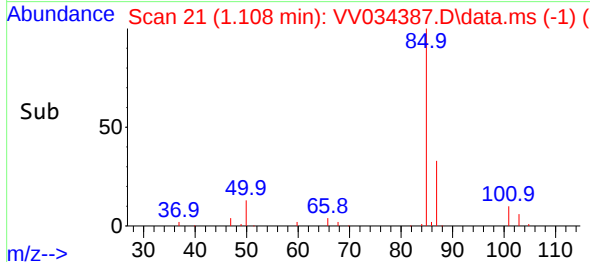
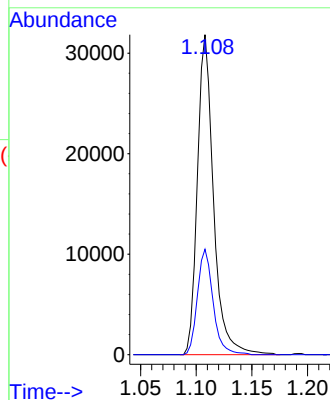
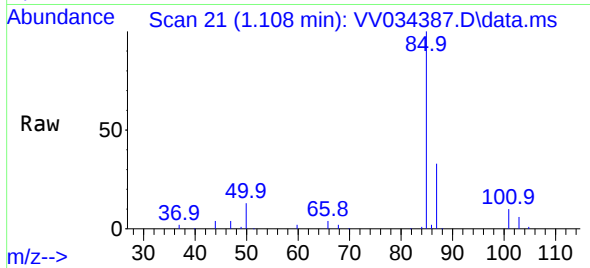
Abundance Scan 21 (1.108 min): VV034387.D\data.ms (-14)



#2
Dichlorodifluoromethane
Concen: 4.231 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034387.D
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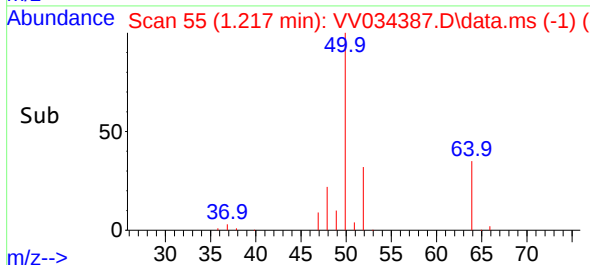
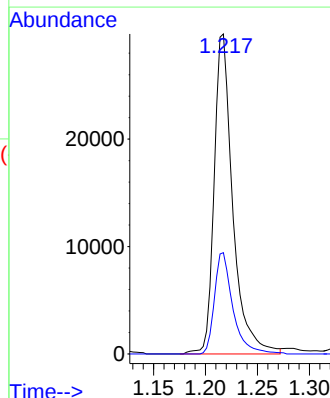
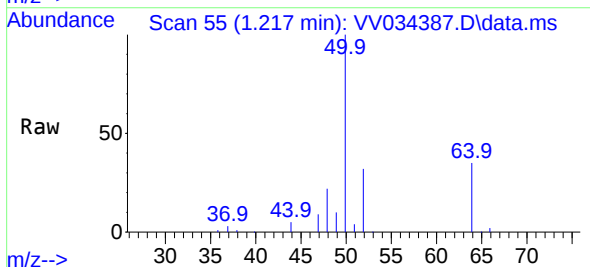
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 32110
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.4

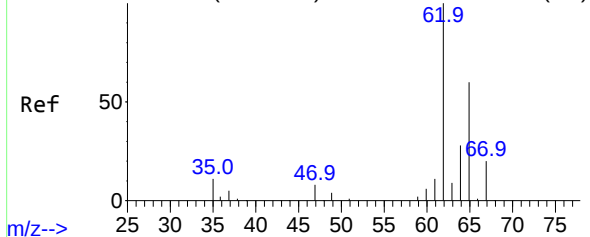


#3
Chloromethane
Concen: 4.488 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 50 Resp: 37152
Ion Ratio Lower Upper
50 100
52 31.6 23.4 43.4



Abundance Scan 76 (1.285 min): VV034387.D\data.ms (-68)



#5

Vinyl chloride

Concen: 4.504 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

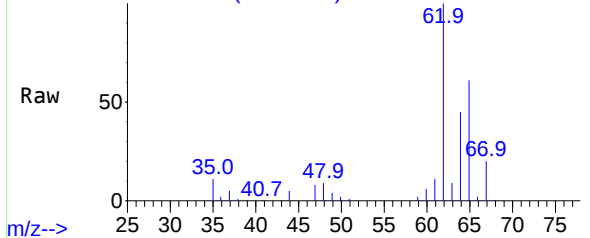
Tgt Ion: 62 Resp: 35624

Ion Ratio Lower Upper

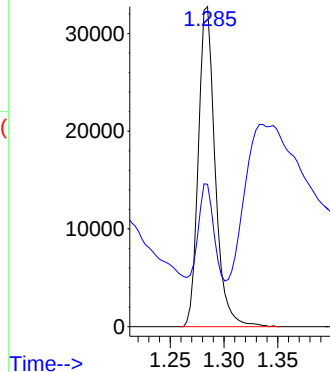
62 100

64 44.5 27.2 50.4

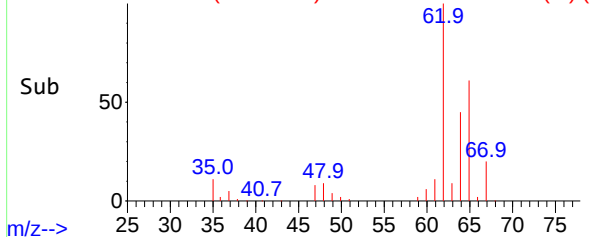
Abundance Scan 76 (1.285 min): VV034387.D\data.ms



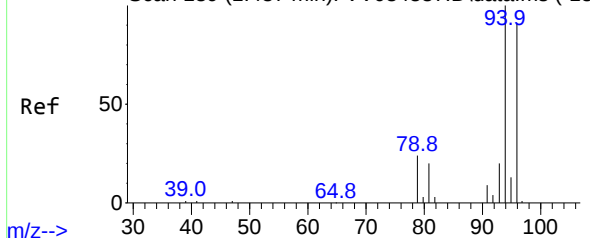
Abundance



Abundance Scan 76 (1.285 min): VV034387.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV034387.D\data.ms (-13)



#6

Bromomethane

Concen: 3.221 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

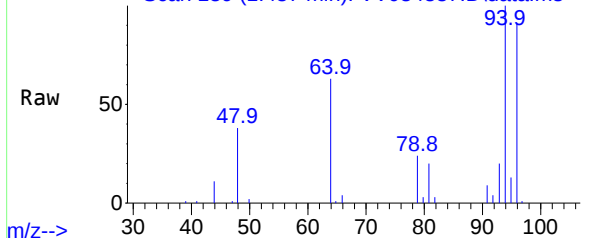
Tgt Ion: 94 Resp: 13418

Ion Ratio Lower Upper

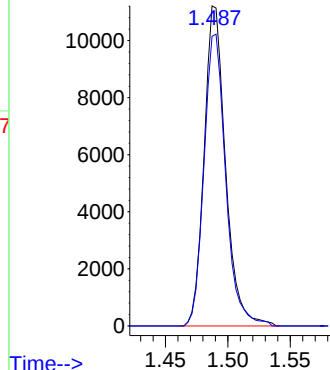
94 100

96 90.5 66.6 123.8

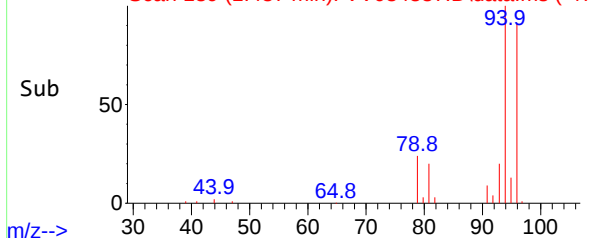
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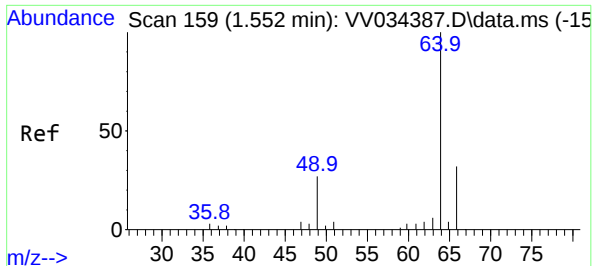


Abundance



Abundance Scan 139 (1.487 min): VV034387.D\data.ms (-47)

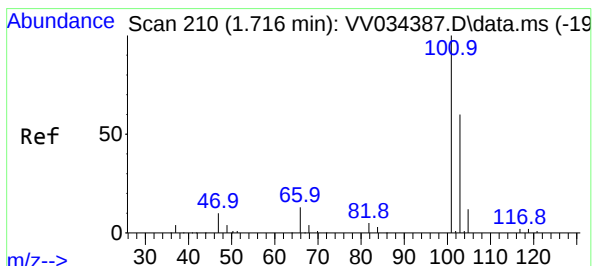
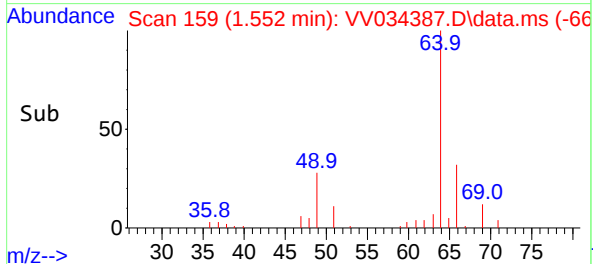
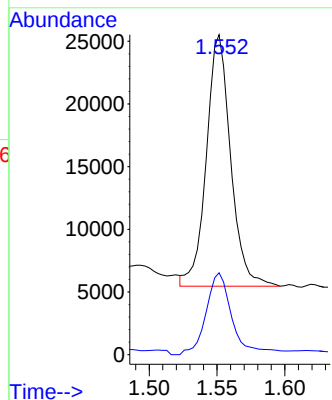
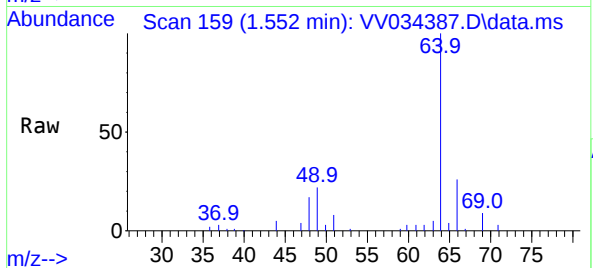




#8
Chloroethane
Concen: 4.633 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

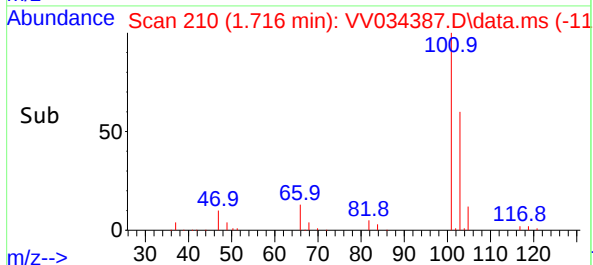
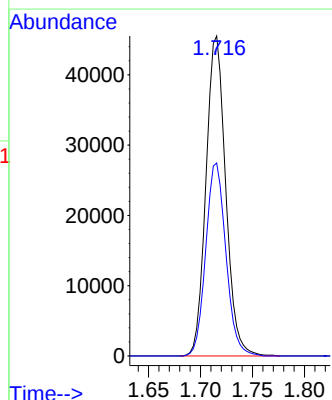
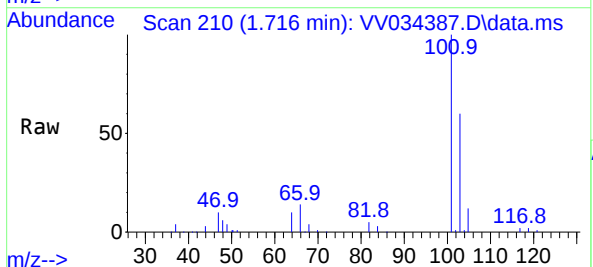
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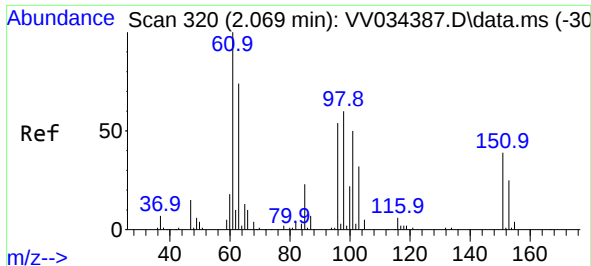
Tgt Ion: 64 Resp: 25002
Ion Ratio Lower Upper
64 100
66 25.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.265 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:101 Resp: 60012
Ion Ratio Lower Upper
101 100
103 61.7 51.0 76.4

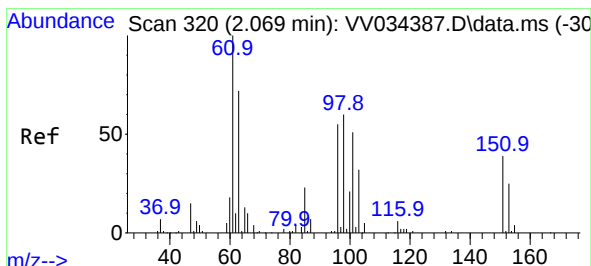
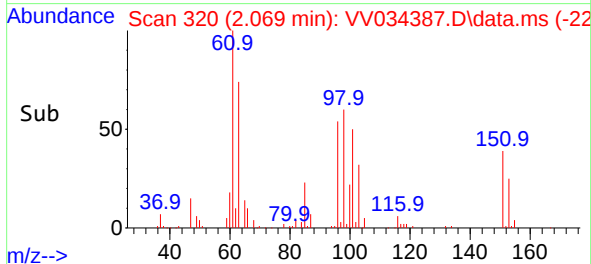
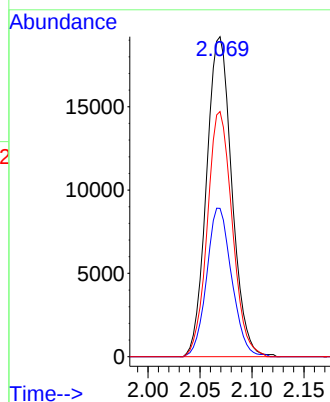
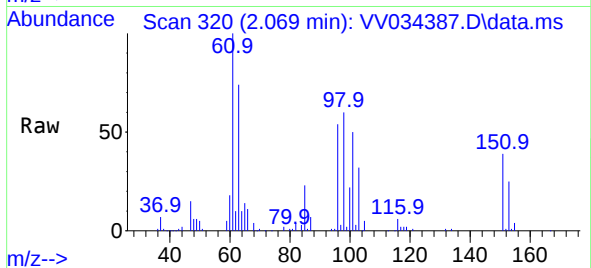




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.471 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

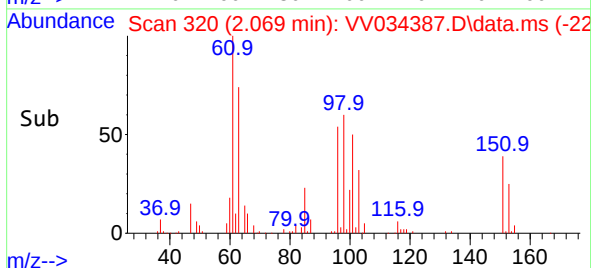
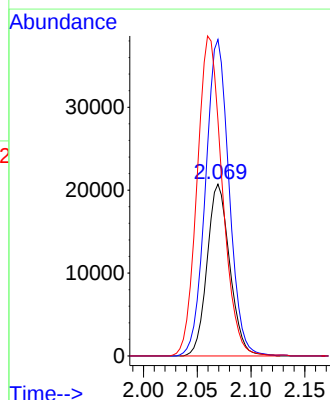
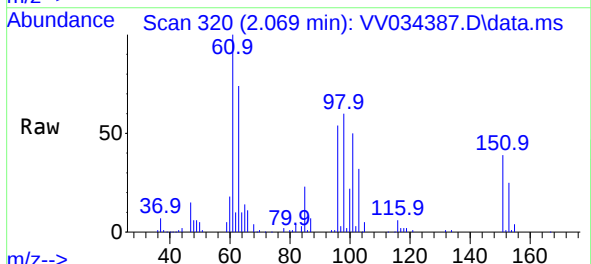
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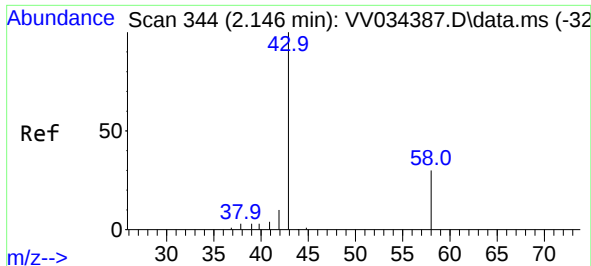
Tgt Ion:101 Resp: 32597
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 75.5 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.250 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 96 Resp: 30373
Ion Ratio Lower Upper
96 100
61 184.1 128.8 239.2
63 137.1 97.9 181.9





#13

Acetone

Concen: 54.700 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Instrument :

MSVOA_V

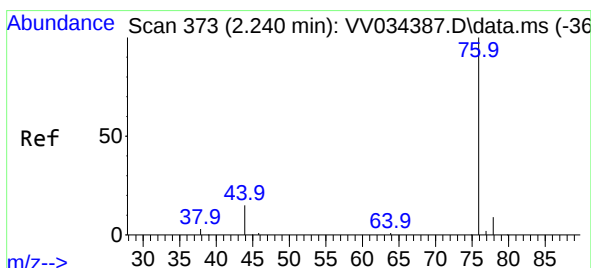
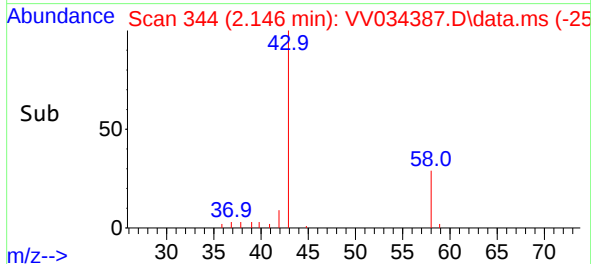
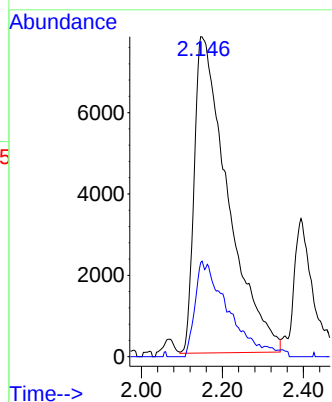
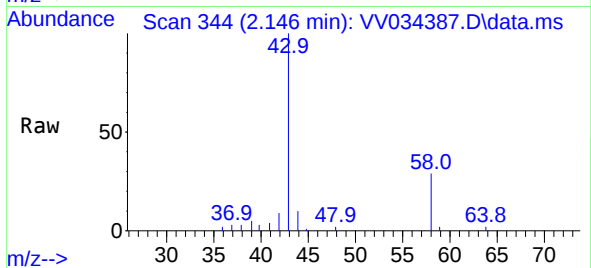
ClientSampleId :

Tgt Ion: 43 Resp: 44698

Ion Ratio Lower Upper

43 100

58 8.8 0.0 13.8



#14

Carbon disulfide

Concen: 4.389 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034387.D

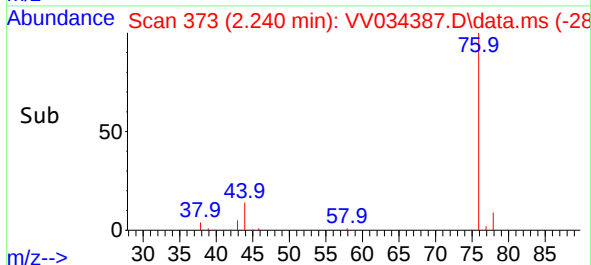
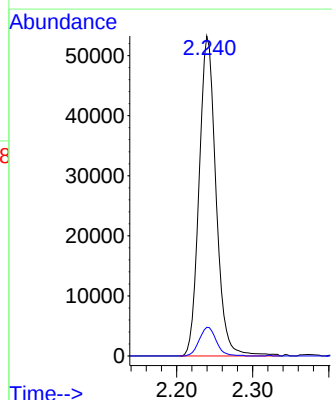
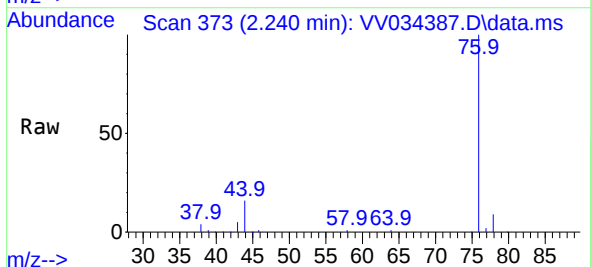
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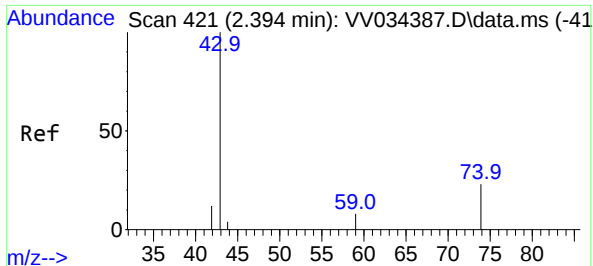
Tgt Ion: 76 Resp: 82161

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

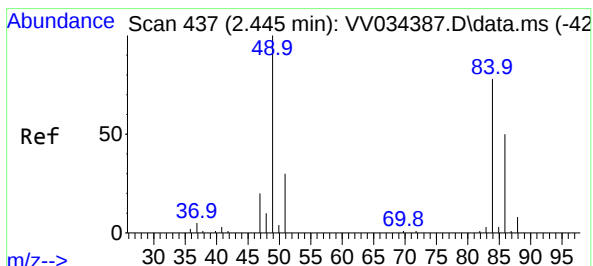
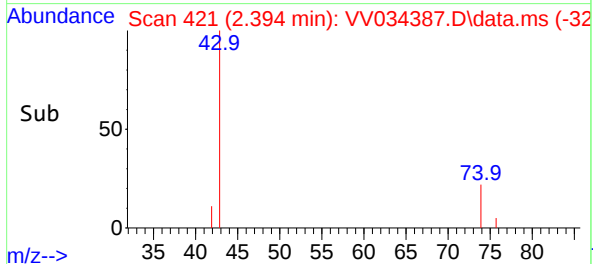
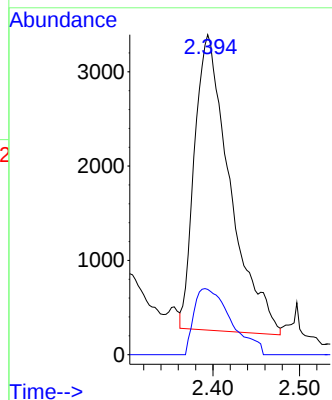
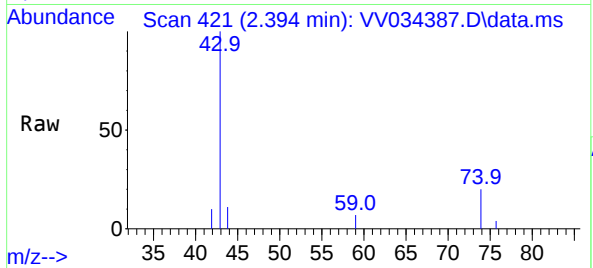




#15
Methyl Acetate
Concen: 4.600 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.010 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

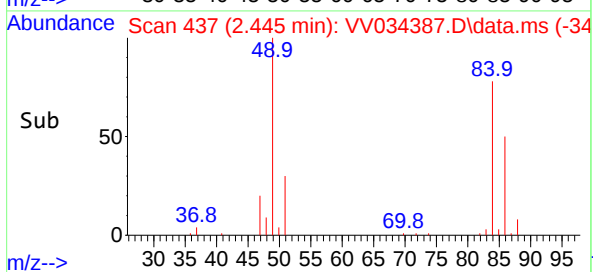
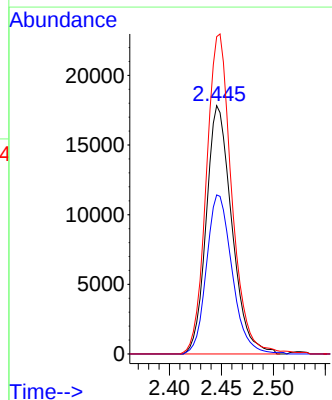
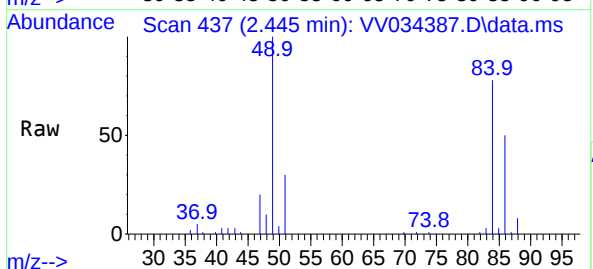
Instrument :
MSVOA_V
ClientSampleId :

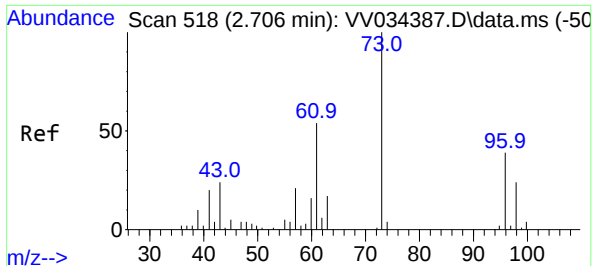
Tgt Ion: 43 Resp: 8896
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



#16
Methylene chloride
Concen: 5.497 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 84 Resp: 30511
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 127.7 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.251 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

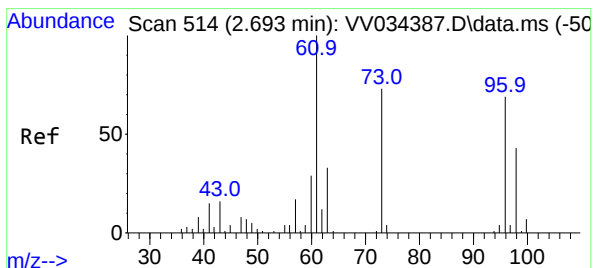
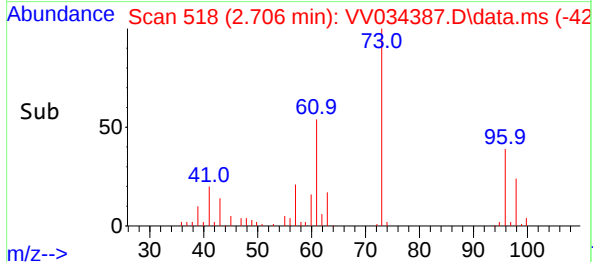
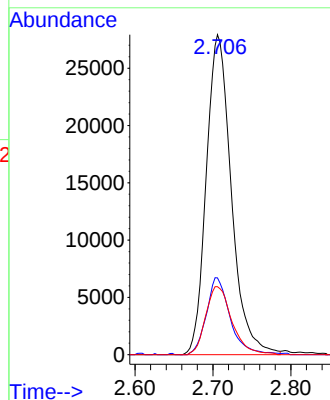
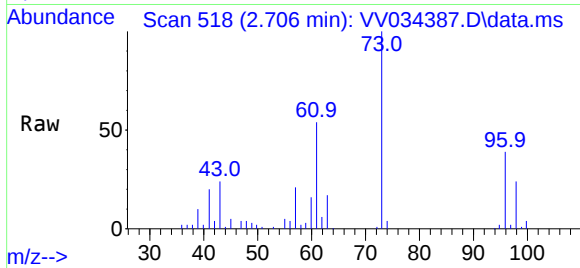
Tgt Ion: 73 Resp: 62420

Ion Ratio Lower Upper

73 100

43 22.9 17.7 26.5

57 22.2 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.165 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

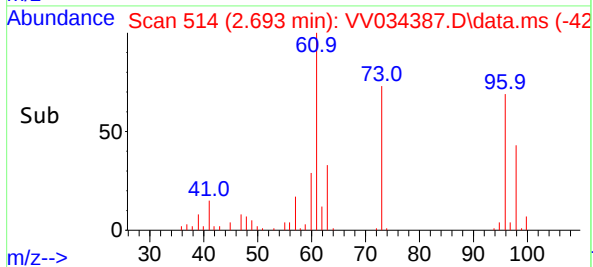
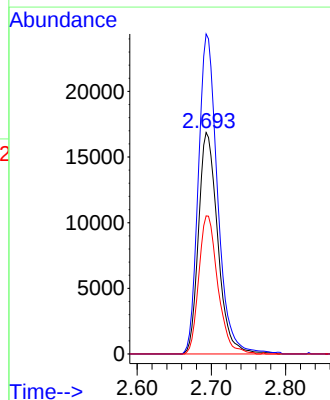
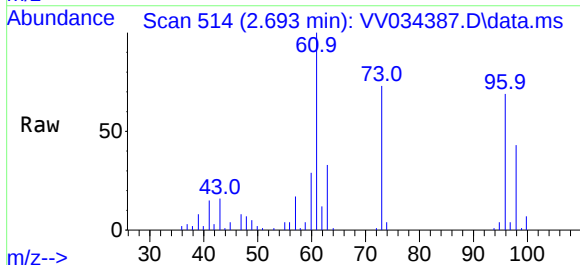
Tgt Ion: 96 Resp: 30433

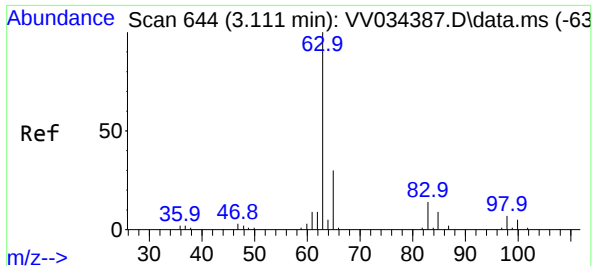
Ion Ratio Lower Upper

96 100

61 144.5 97.6 181.4

98 62.3 44.4 82.5

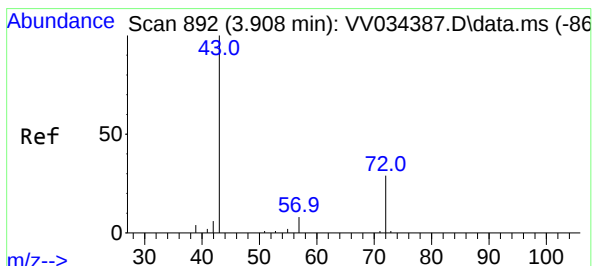
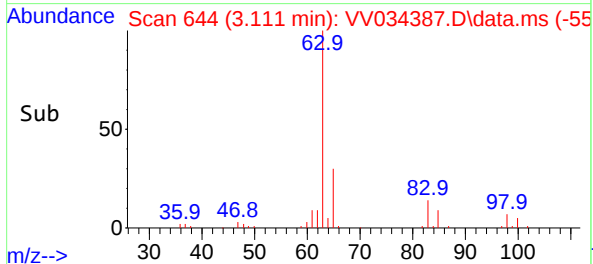
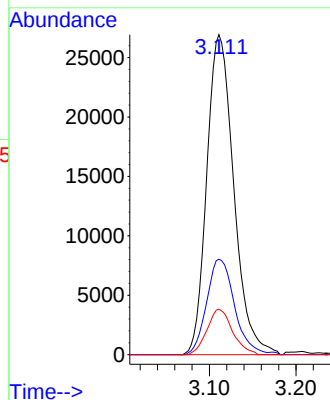
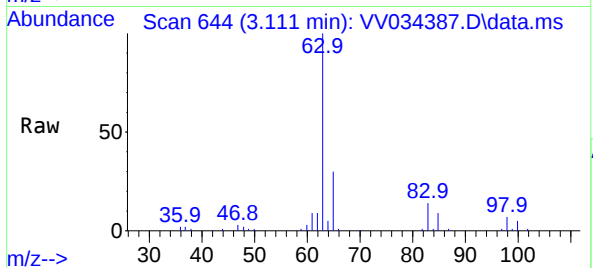




#19
1,1-Dichloroethane
Concen: 5.387 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

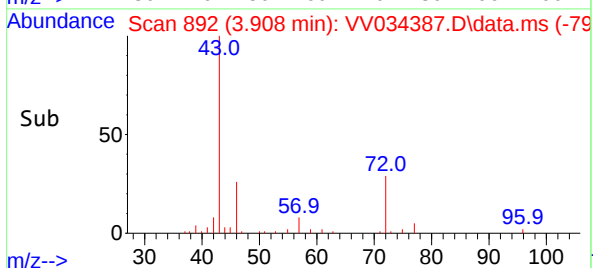
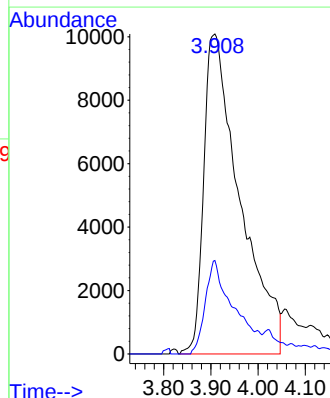
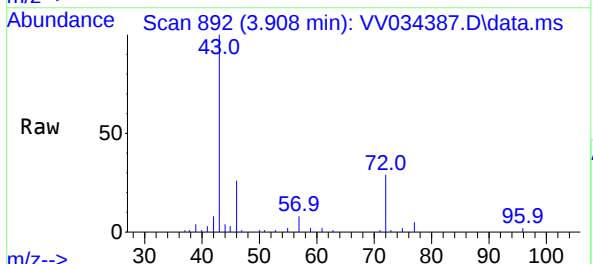
Instrument :
MSVOA_V
ClientSampleId :

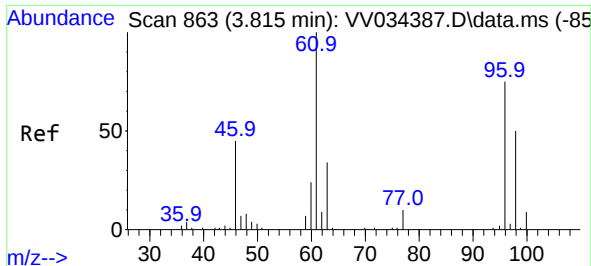
Tgt Ion:	63	Resp:	58327
Ion	Ratio	Lower	Upper
63	100		
65	29.9	20.8	38.6
83	14.2	9.4	17.4



#21
2-Butanone
Concen: 49.703 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

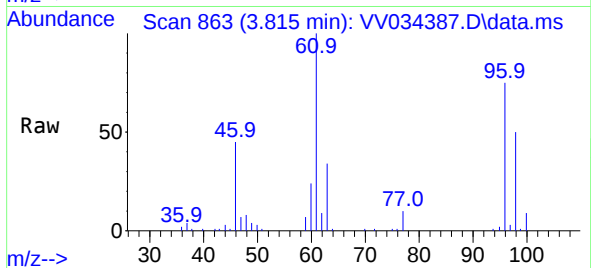
Tgt Ion:	43	Resp:	53672
Ion	Ratio	Lower	Upper
43	100		
72	22.0	4.0	11.9





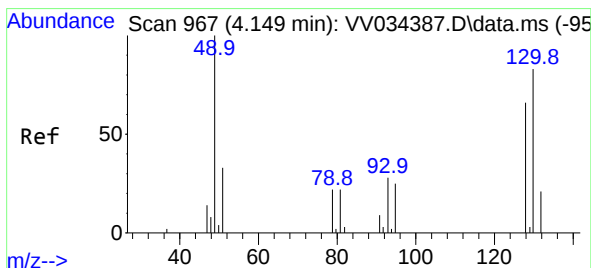
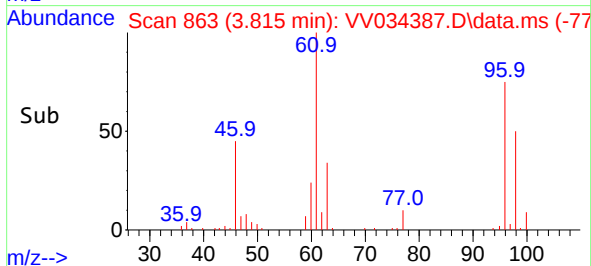
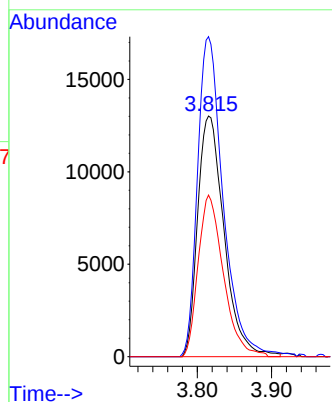
#22
 cis-1,2-Dichloroethene
 Concen: 4.819 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034387.D
 Acq: 24 Feb 2024 10:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 32215

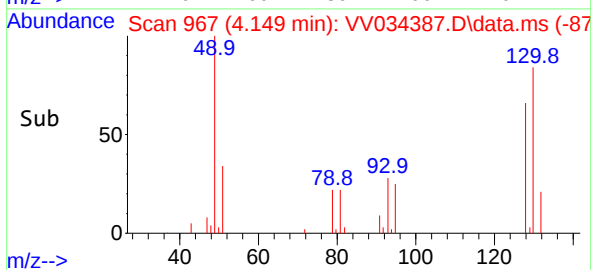
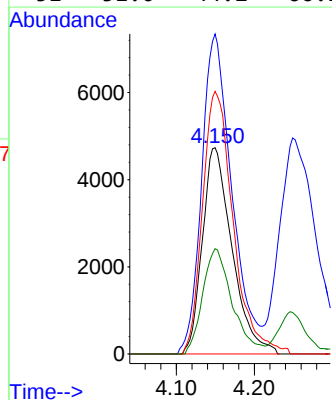
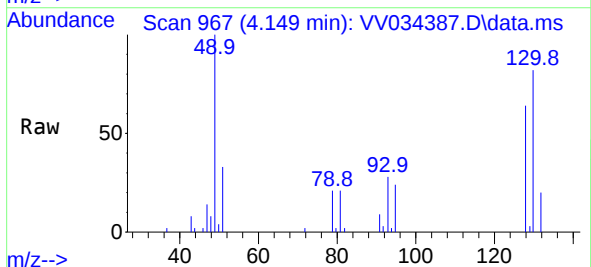
Ion	Ratio	Lower	Upper
96	100		
61	132.9	90.3	167.7
98	67.1	43.2	80.2

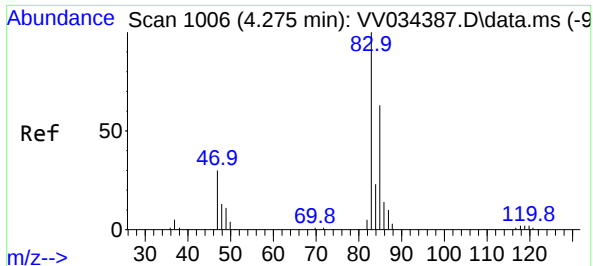


#23
 Bromochloromethane
 Concen: 5.394 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV034387.D
 Acq: 24 Feb 2024 10:22

Tgt Ion: 128 Resp: 12535

Ion	Ratio	Lower	Upper
128	100		
49	155.2	120.5	223.7
130	127.3	93.4	173.4
51	51.0	44.2	66.2





#25

Chloroform

Concen: 5.445 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Instrument :

MSVOA_V

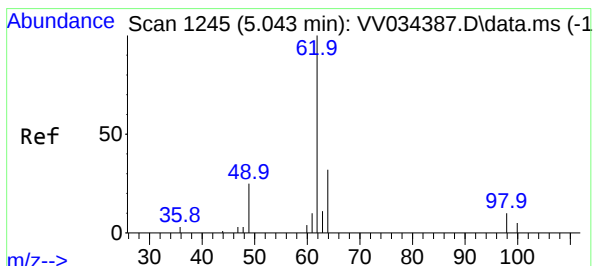
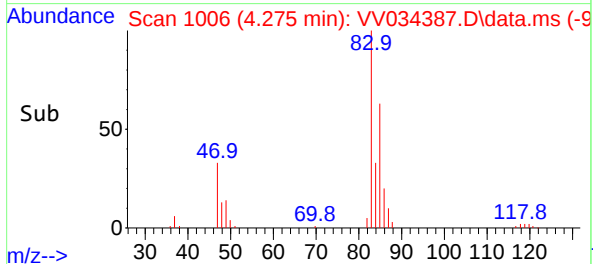
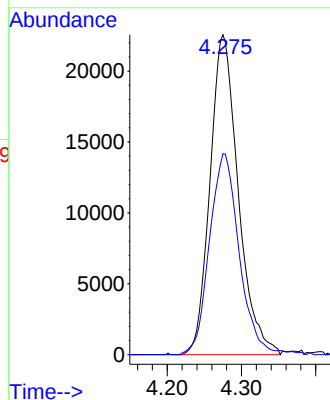
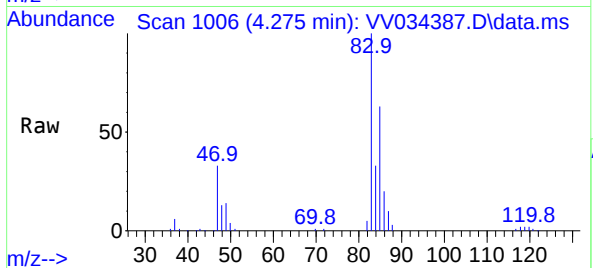
ClientSampleId :

Tgt Ion: 83 Resp: 59591

Ion Ratio Lower Upper

83 100

85 62.8 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.413 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV034387.D

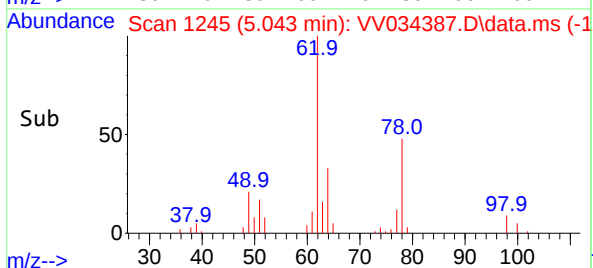
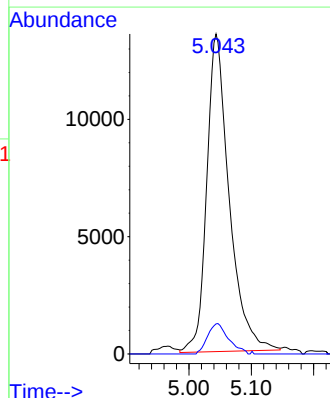
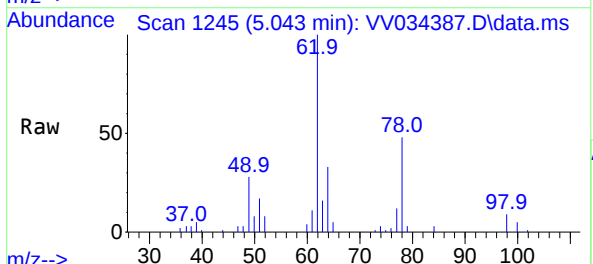
Acq: 24 Feb 2024 10:22

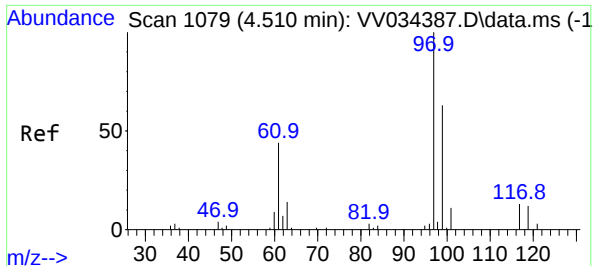
Tgt Ion: 62 Resp: 33922

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3

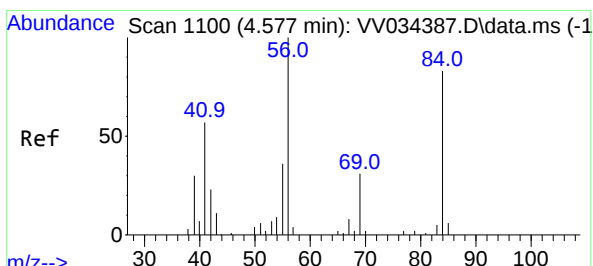
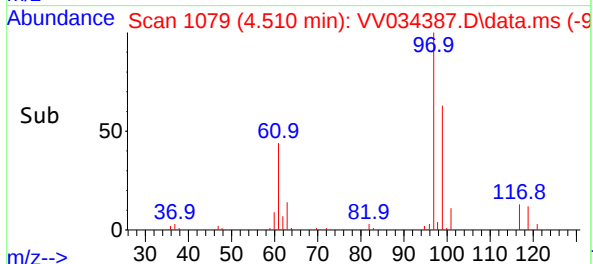
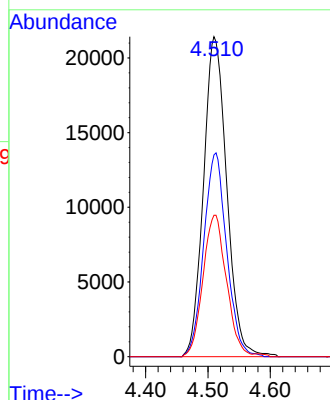
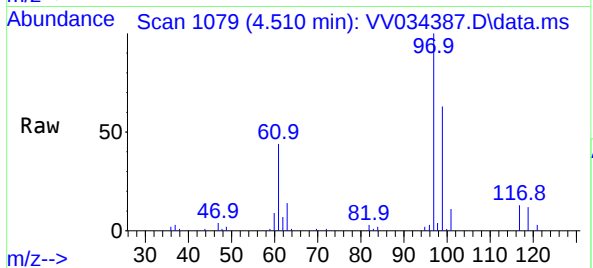




#29
1,1,1-Trichloroethane
Concen: 5.504 ug/L
RT: 4.510 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

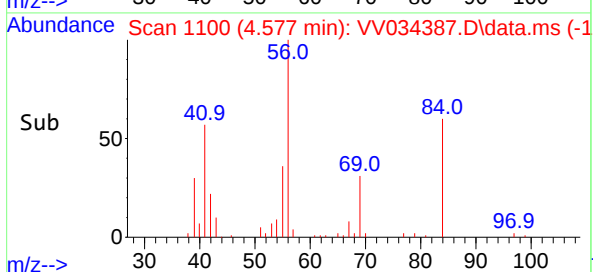
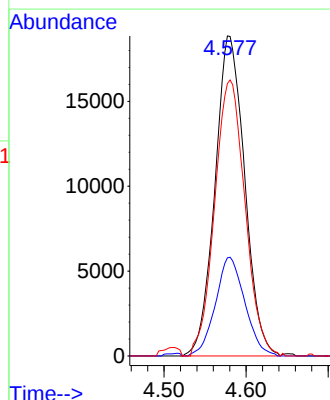
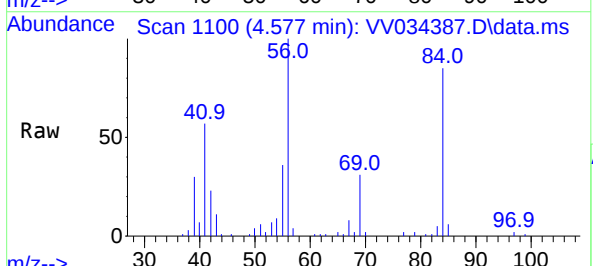
Instrument :
MSVOA_V
ClientSampleId :

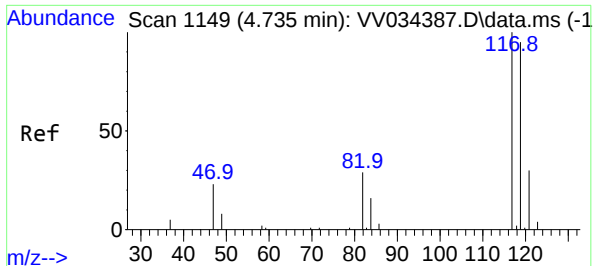
Tgt Ion: 97 Resp: 55601
Ion Ratio Lower Upper
97 100
99 62.7 50.6 75.8
61 44.5 36.8 55.2



#30
Cyclohexane
Concen: 4.828 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 56 Resp: 47438
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 88.3 70.0 105.0

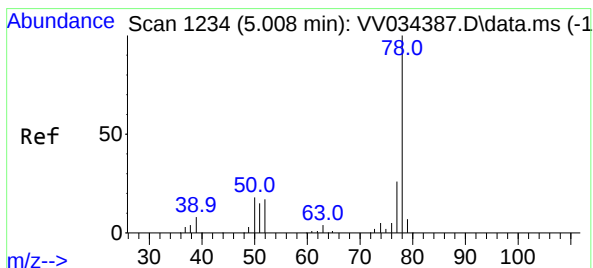
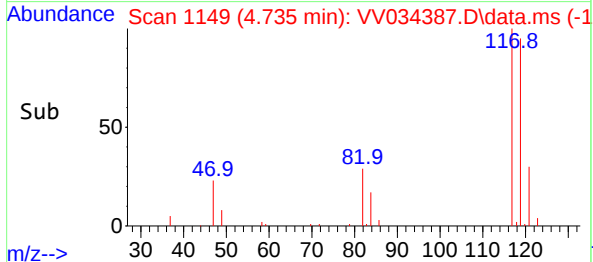
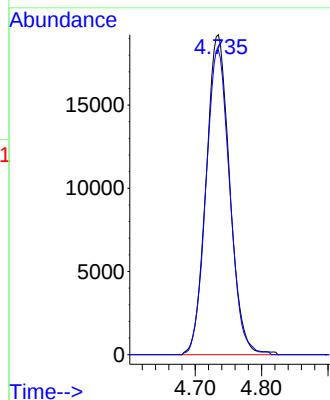
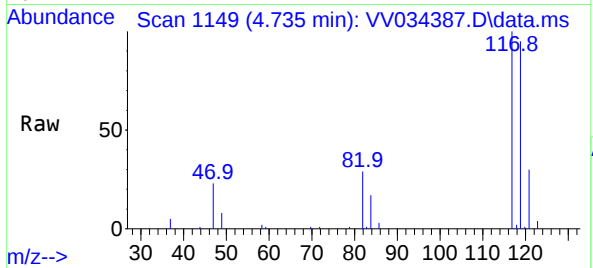




#31
Carbon tetrachloride
Concen: 5.379 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

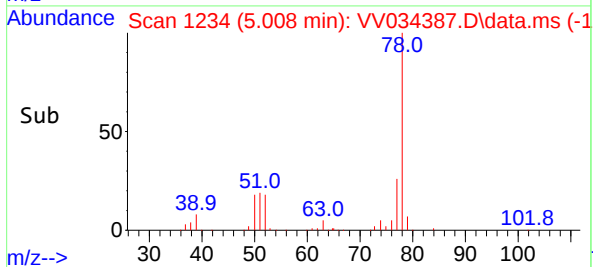
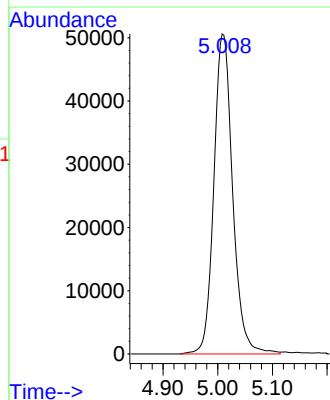
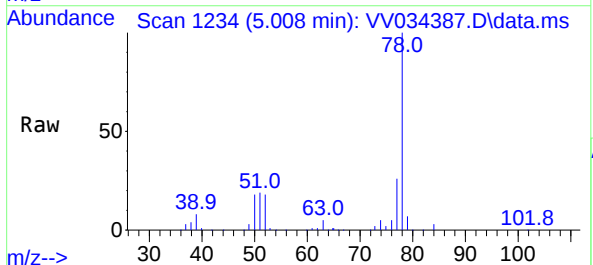
Instrument :
MSVOA_V
ClientSampleId :

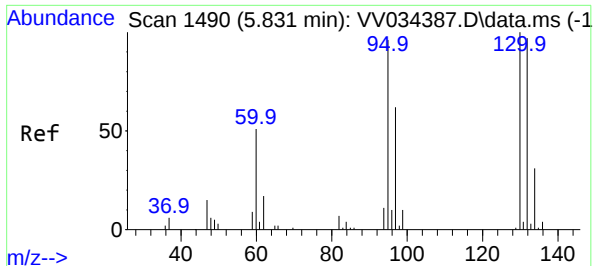
Tgt Ion:117 Resp: 47550
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 5.348 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

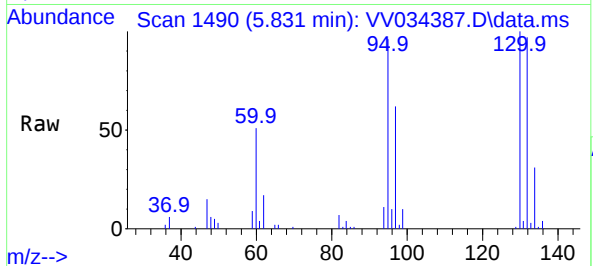
Tgt Ion: 78 Resp: 120687



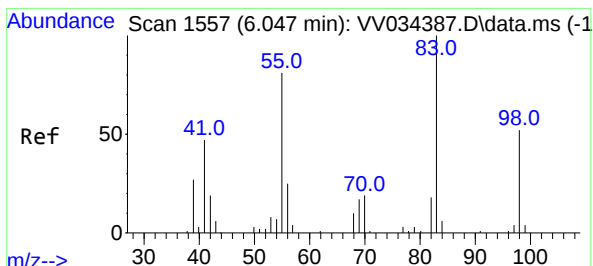
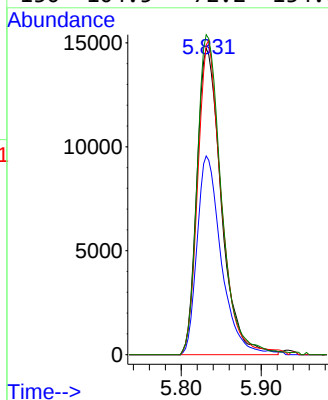
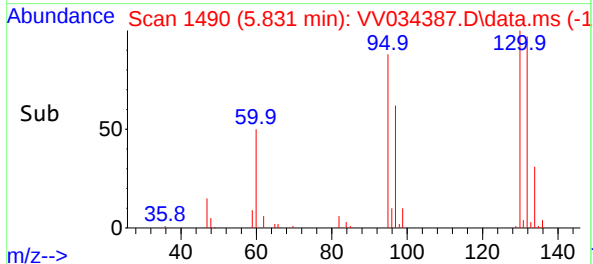


#34
Trichloroethene
Concen: 4.782 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

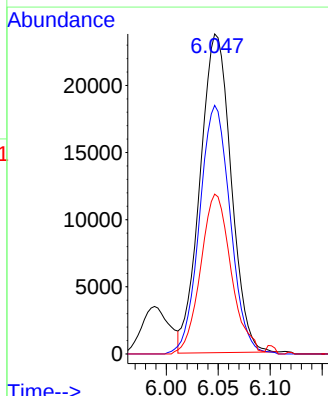
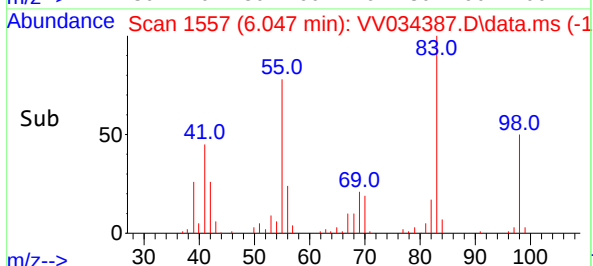
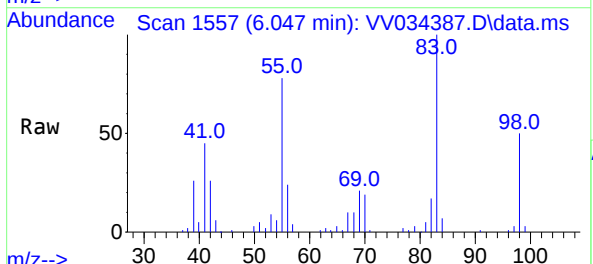


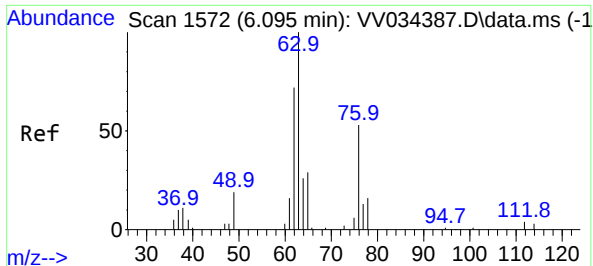
Tgt Ion: 95 Resp: 31235
Ion Ratio Lower Upper
95 100
97 64.9 45.1 83.7
132 101.2 66.0 122.6
130 104.5 72.2 134.0



#35
Methylcyclohexane
Concen: 4.815 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 83 Resp: 49370
Ion Ratio Lower Upper
83 100
55 77.2 63.5 95.3
98 49.3 39.0 58.4

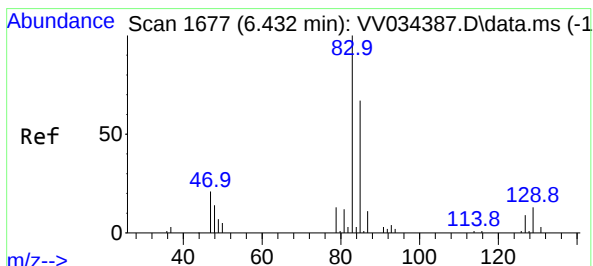
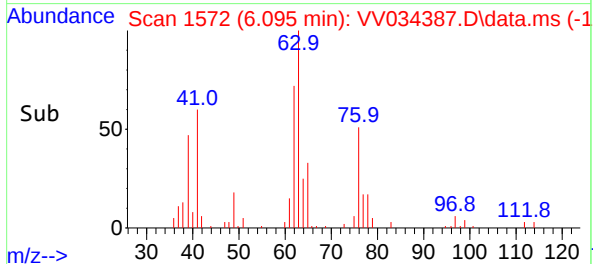
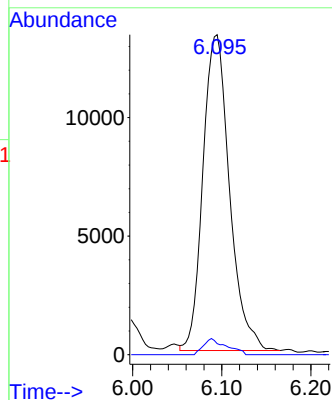
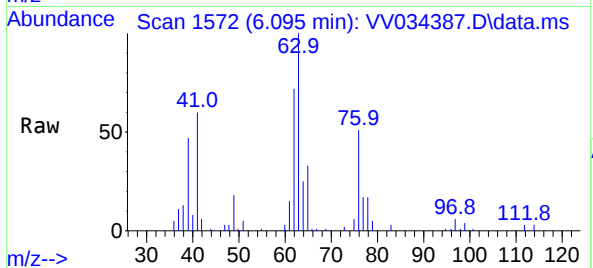




#37
1,2-Dichloropropane
Concen: 5.052 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

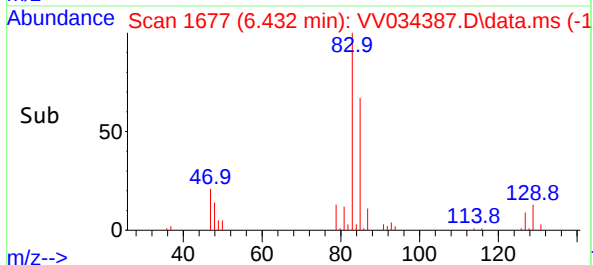
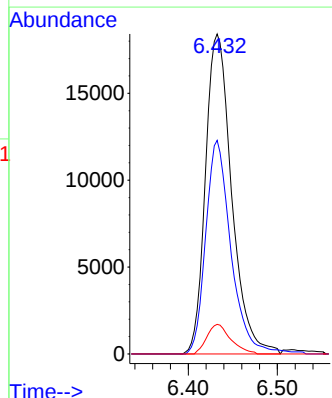
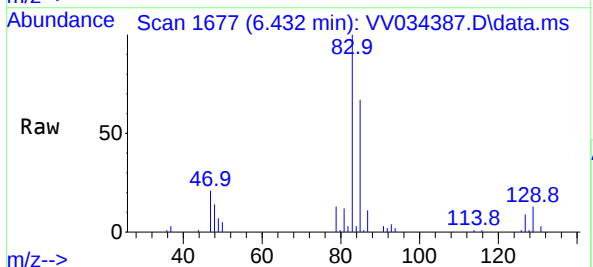
Instrument :
MSVOA_V
ClientSampleId :

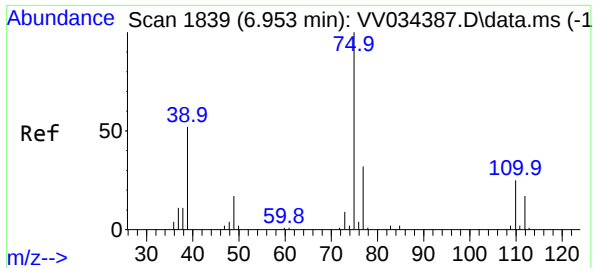
Tgt Ion: 63 Resp: 27617
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 5.240 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 83 Resp: 37600
Ion Ratio Lower Upper
83 100
85 66.8 45.4 84.2
127 9.3 6.5 9.7

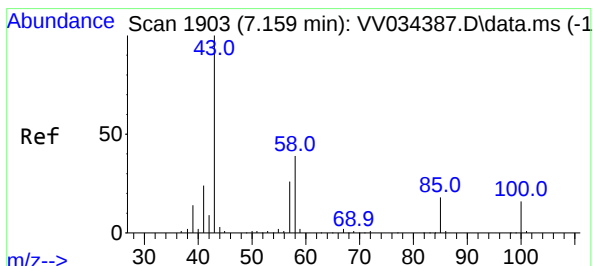
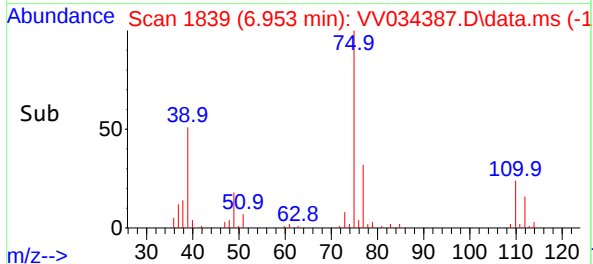
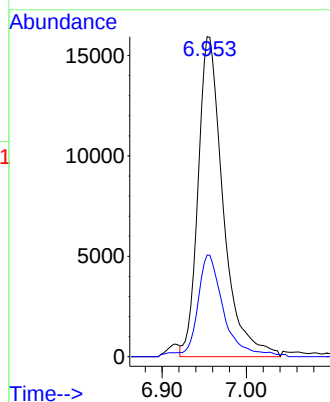
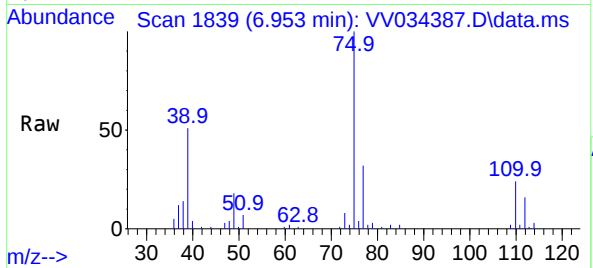




#39
cis-1,3-Dichloropropene
Concen: 3.957 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

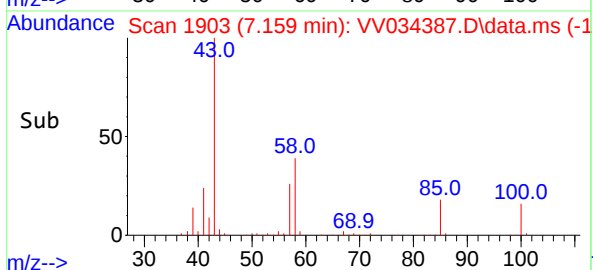
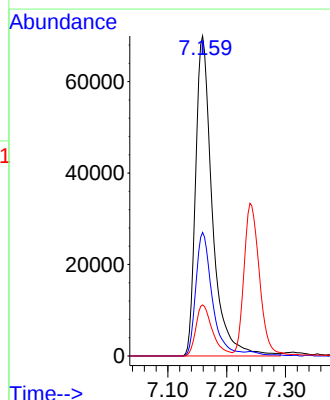
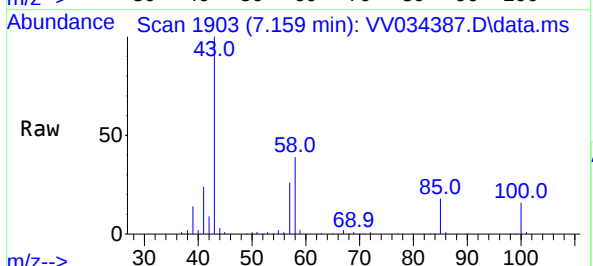
Instrument :
MSVOA_V
ClientSampleId :

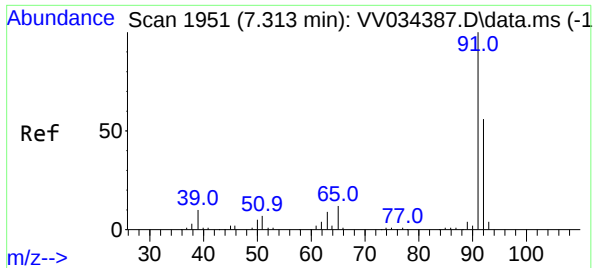
Tgt Ion: 75 Resp: 32918
Ion Ratio Lower Upper
75 100
77 31.8 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 52.738 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 43 Resp: 138061
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.2
100 15.9 12.1 18.1

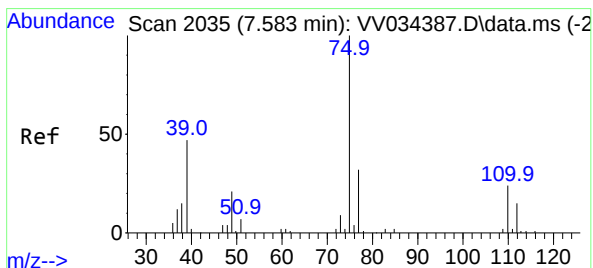
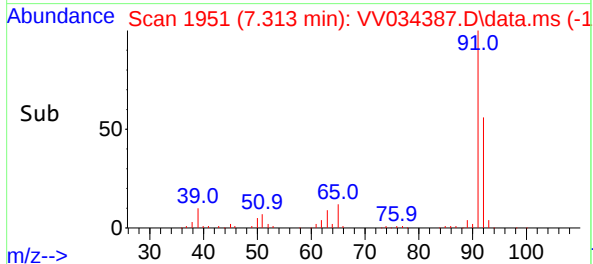
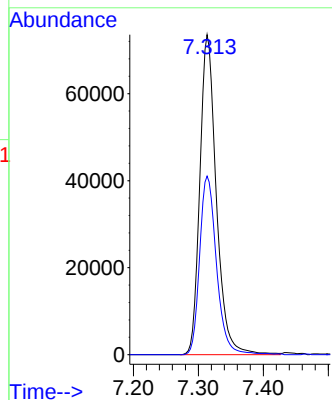
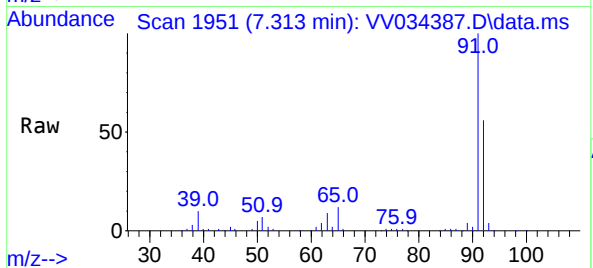




#42
Toluene
Concen: 5.398 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

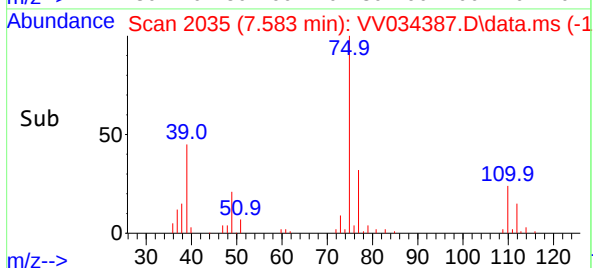
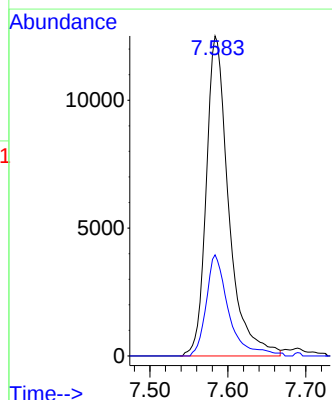
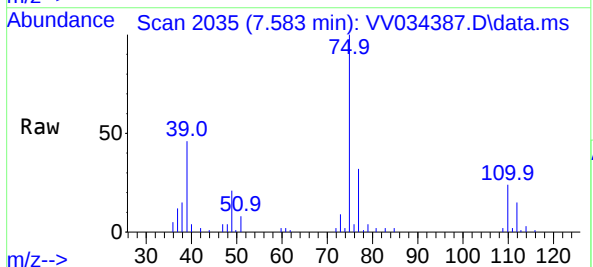
Instrument :
MSVOA_V
ClientSampleId :

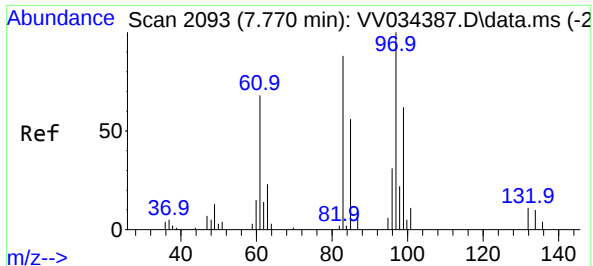
Tgt Ion: 91 Resp: 130208
Ion Ratio Lower Upper
91 100
92 55.8 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 3.927 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 75 Resp: 25084
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.199 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 17549

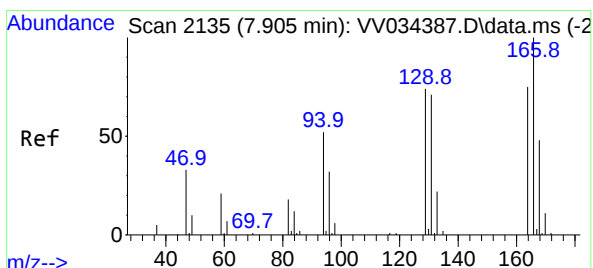
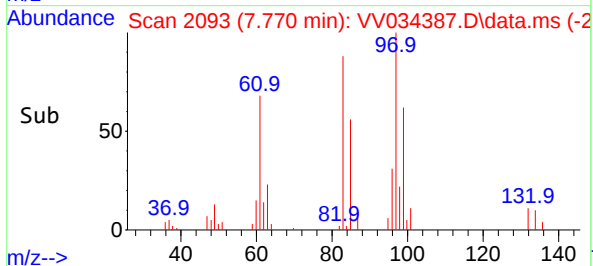
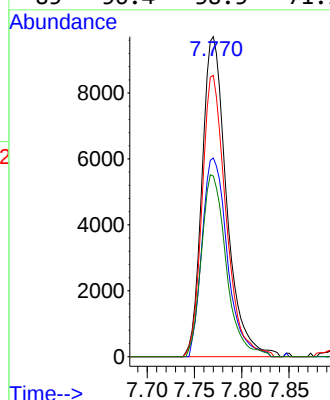
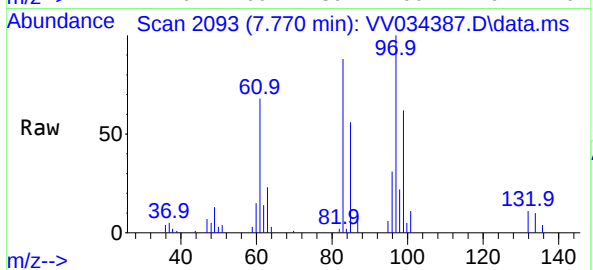
Ion Ratio Lower Upper

97 100

99 62.1 45.6 84.6

83 87.9 62.3 115.7

85 56.4 38.5 71.5



#47

Tetrachloroethene

Concen: 4.701 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034387.D

Acq: 24 Feb 2024 10:22

Tgt Ion:164 Resp: 24949

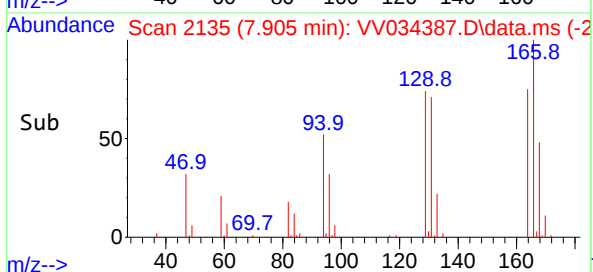
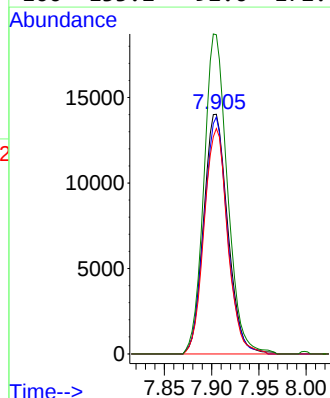
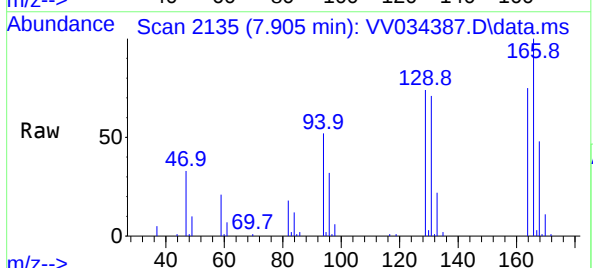
Ion Ratio Lower Upper

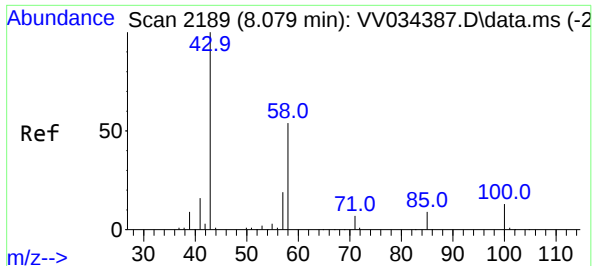
164 100

129 98.8 67.8 125.8

131 94.0 63.0 117.0

166 133.2 92.6 172.0



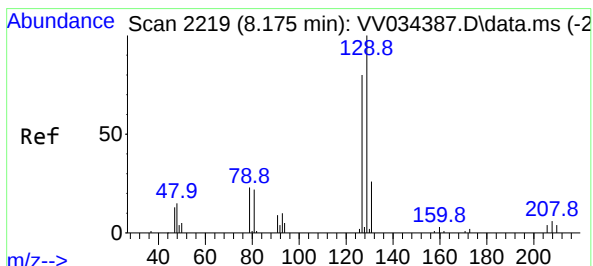
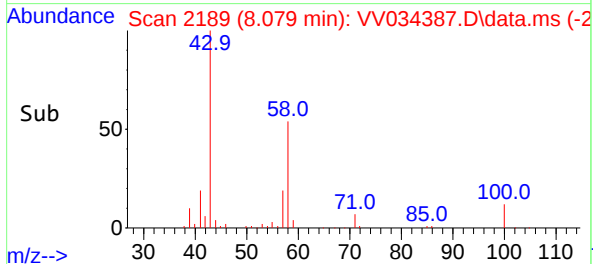
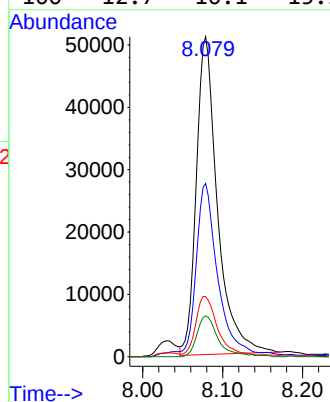
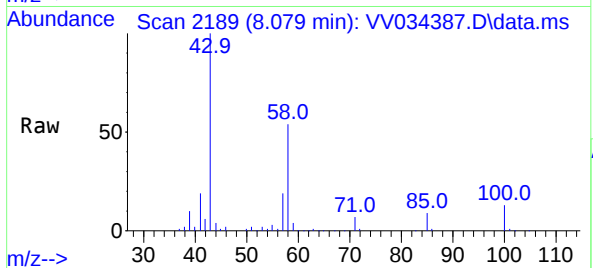


#48
2-Hexanone
Concen: 51.046 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 94196

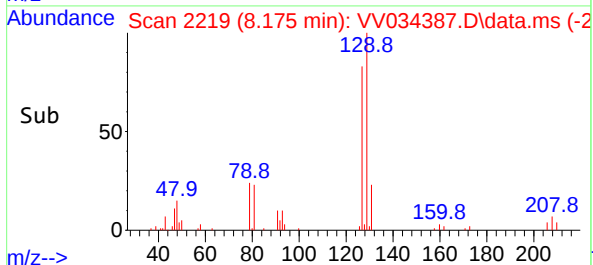
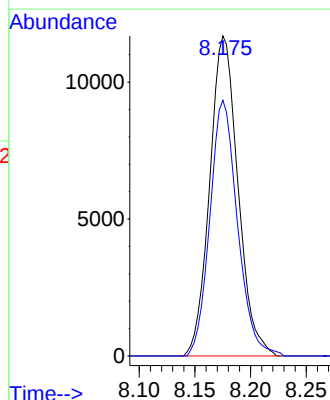
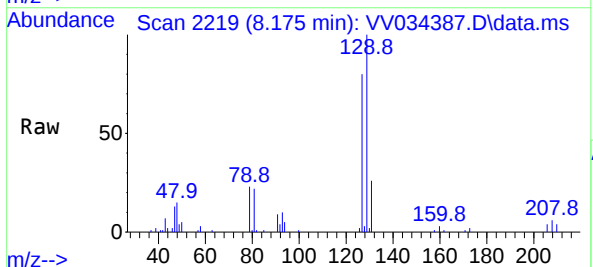
Ion	Ratio	Lower	Upper
43	100		
58	56.6	42.6	64.0
57	18.9	15.5	23.3
100	12.7	10.1	15.1

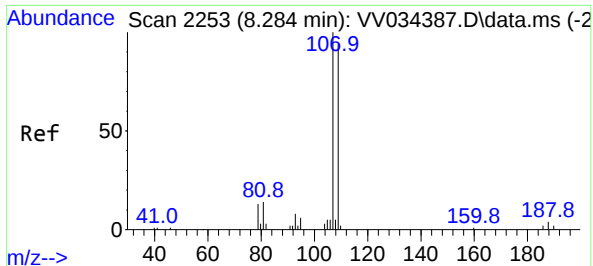


#49
Dibromochloromethane
Concen: 5.145 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 129 Resp: 20639

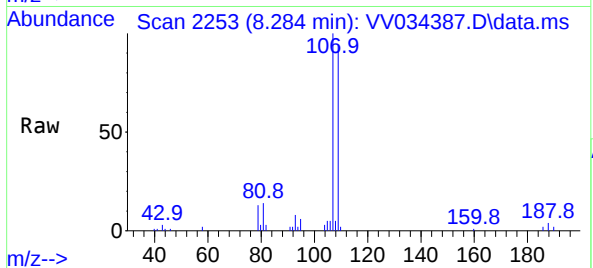
Ion	Ratio	Lower	Upper
129	100		
127	79.9	53.5	99.5



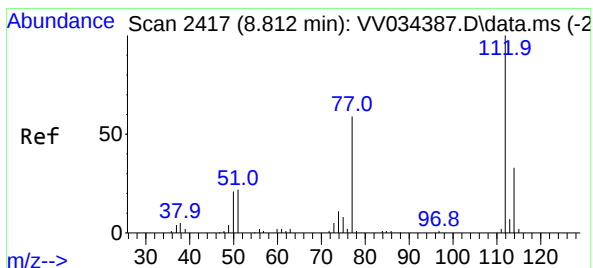
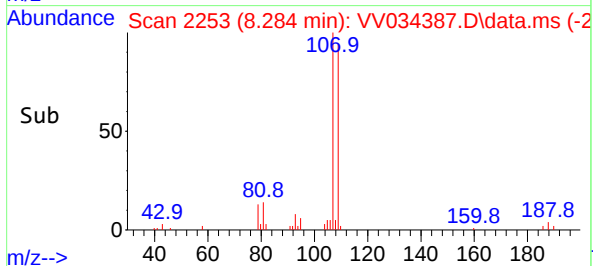
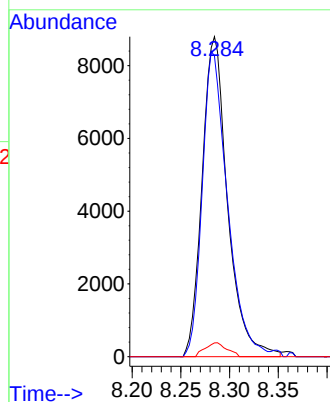


#50
1,2-Dibromoethane
Concen: 5.277 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

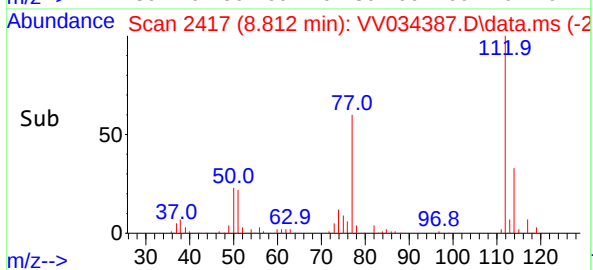
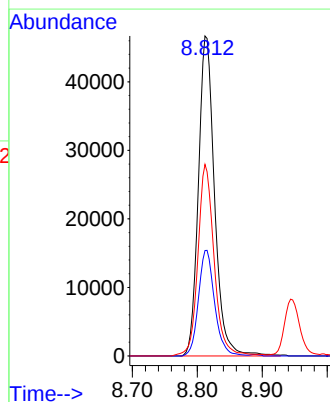
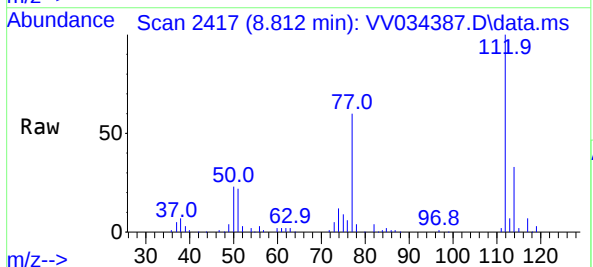


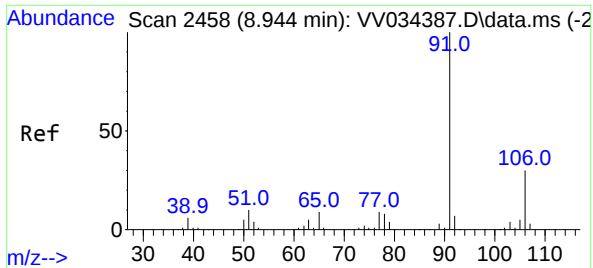
Tgt Ion:107 Resp: 15989
Ion Ratio Lower Upper
107 100
109 94.0 64.5 119.9
188 4.3 2.6 4.0#



#51
Chlorobenzene
Concen: 5.314 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:112 Resp: 81044
Ion Ratio Lower Upper
112 100
114 32.9 22.5 41.7
77 59.9 48.1 72.1

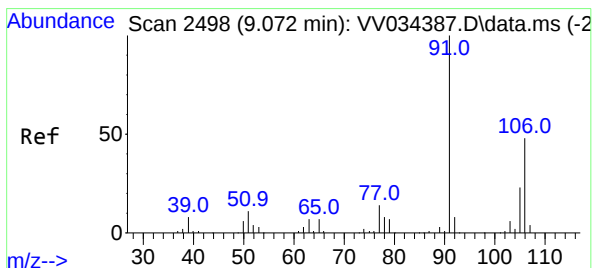
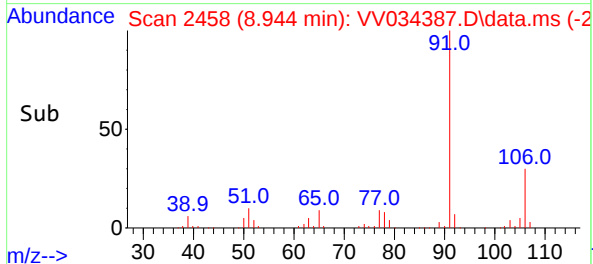
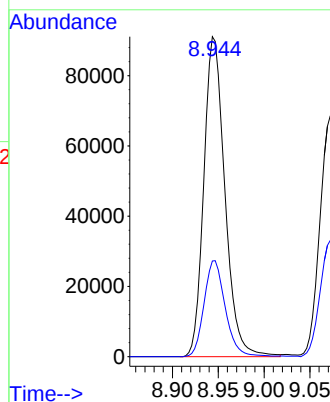
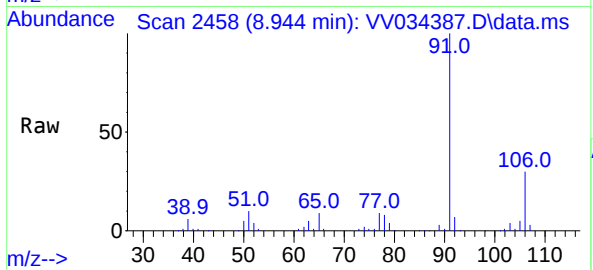




#52
Ethylbenzene
Concen: 5.251 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

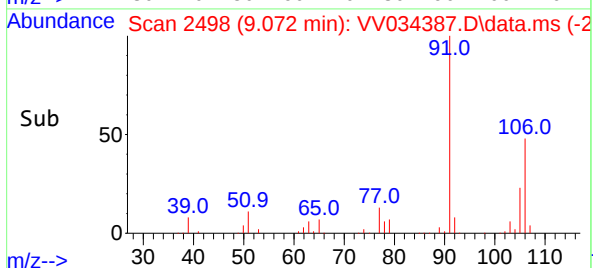
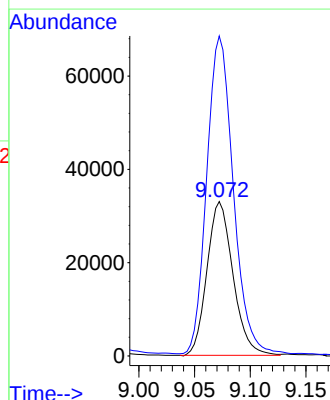
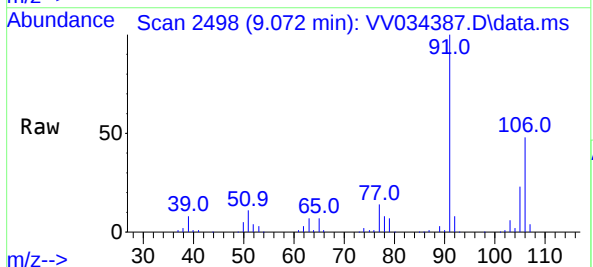
Instrument :
MSVOA_V
ClientSampleId :

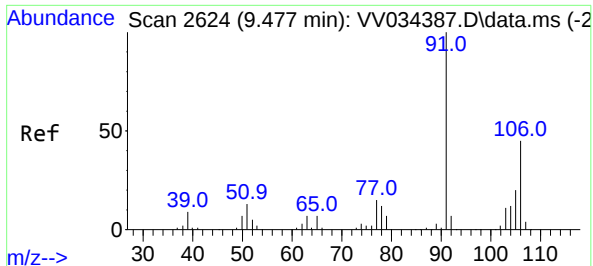
Tgt Ion: 91 Resp: 145781
Ion Ratio Lower Upper
91 100
106 29.9 21.4 39.8



#53
m,p-Xylene
Concen: 5.114 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 106 Resp: 53654
Ion Ratio Lower Upper
106 100
91 207.2 147.5 273.9

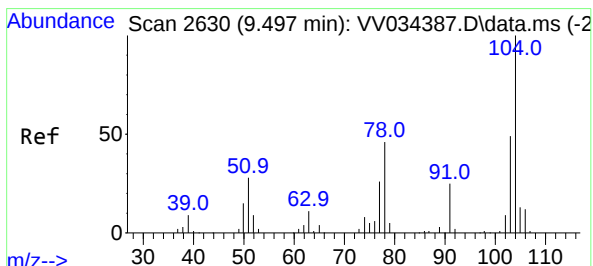
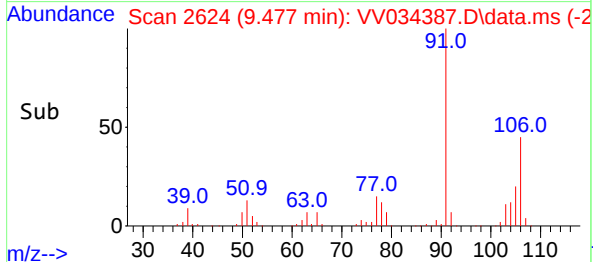
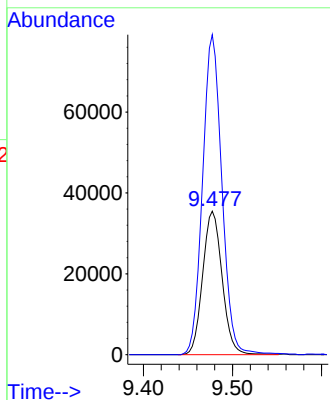
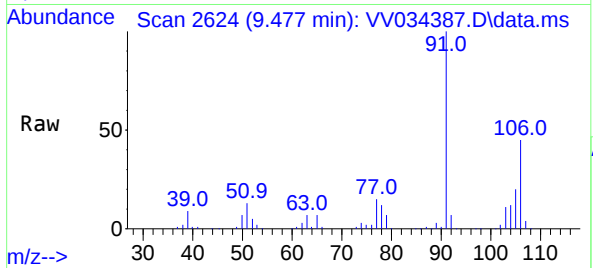




#54
o-Xylene
Concen: 5.317 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

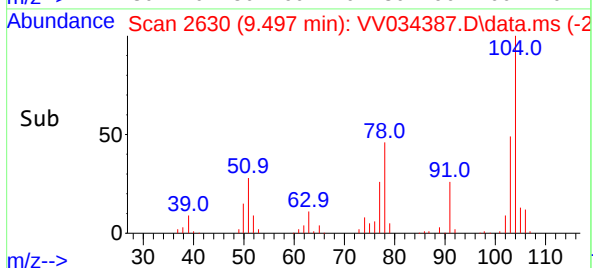
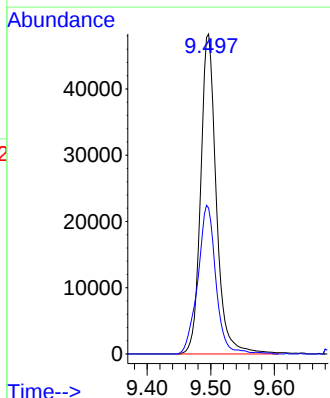
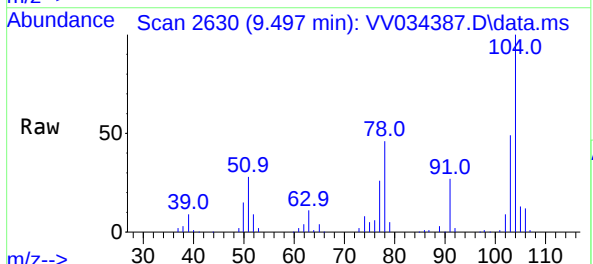
Instrument :
MSVOA_V
ClientSampleId :

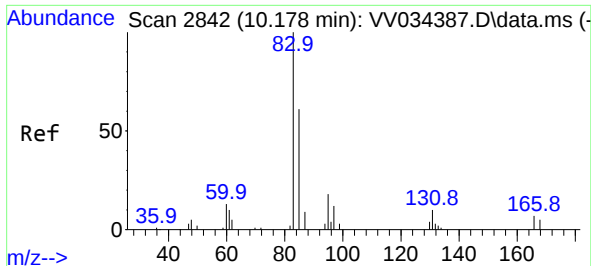
Tgt Ion:106 Resp: 53795
Ion Ratio Lower Upper
106 100
91 222.9 156.2 290.0



#55
Styrene
Concen: 5.107 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:104 Resp: 82735
Ion Ratio Lower Upper
104 100
78 45.6 32.9 61.1

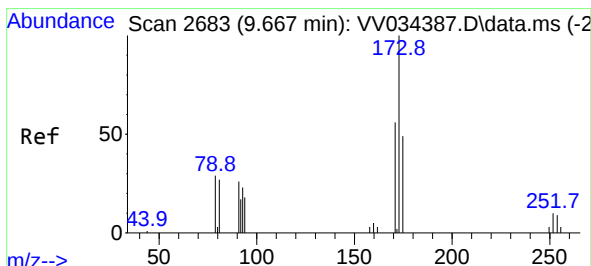
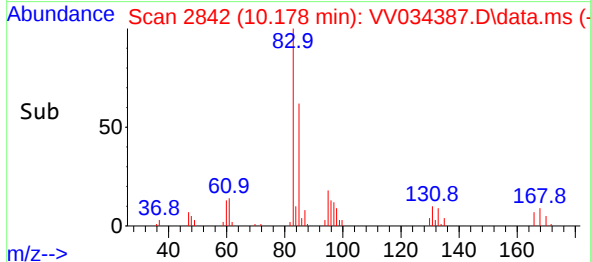
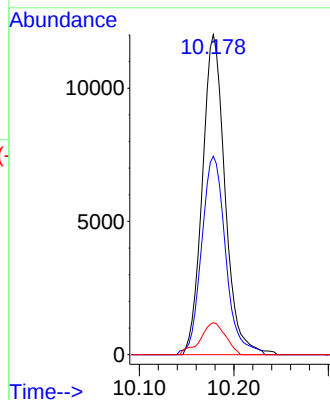
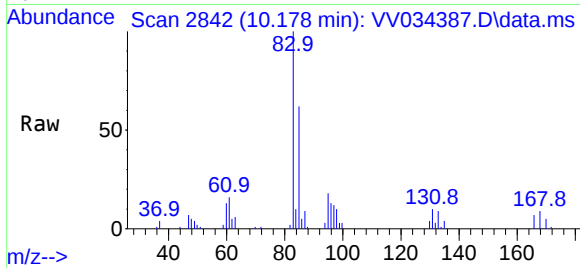




#57
1,1,2,2-Tetrachloroethane
Concen: 5.620 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

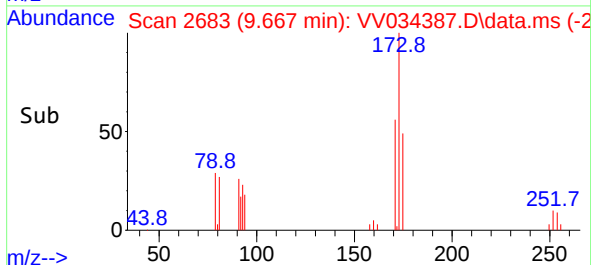
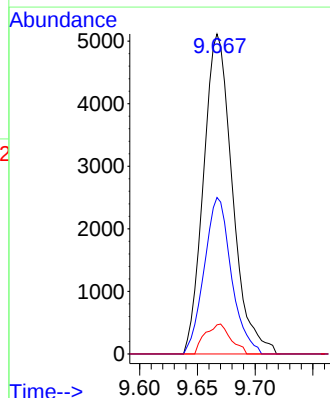
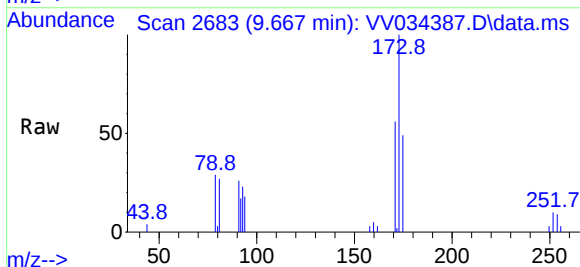
Instrument :
MSVOA_V
ClientSampleId :

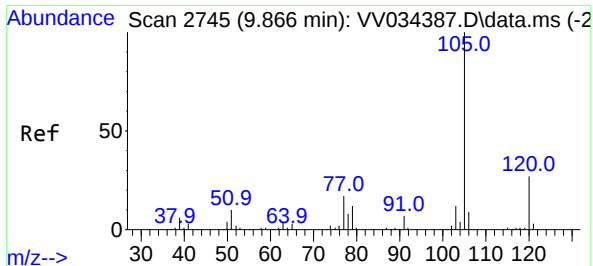
Tgt Ion:	83	Resp:	20025
Ion	Ratio	Lower	Upper
83	100		
85	62.1	46.5	86.3
131	10.0	8.4	12.6



#59
Bromoform
Concen: 4.075 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:	173	Resp:	8894
Ion	Ratio	Lower	Upper
173	100		
175	46.0	38.6	57.8
254	8.3	7.2	10.8

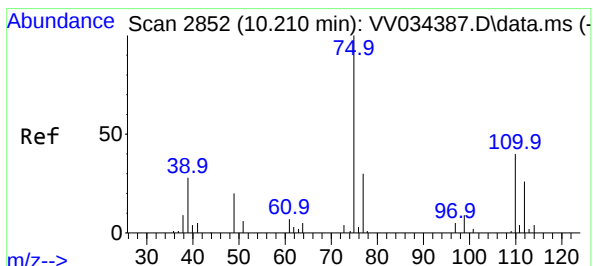
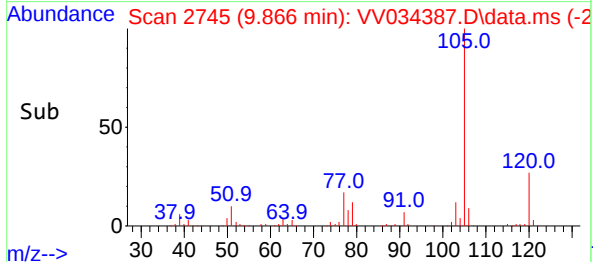
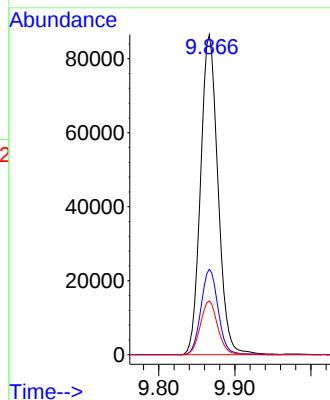
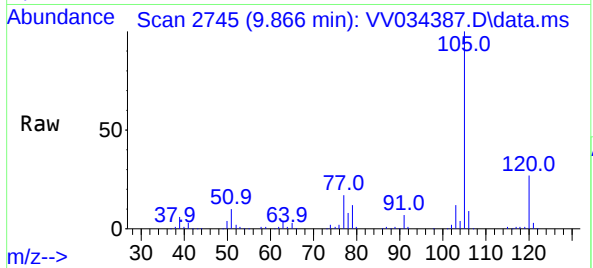




#60
Isopropylbenzene
Concen: 4.693 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

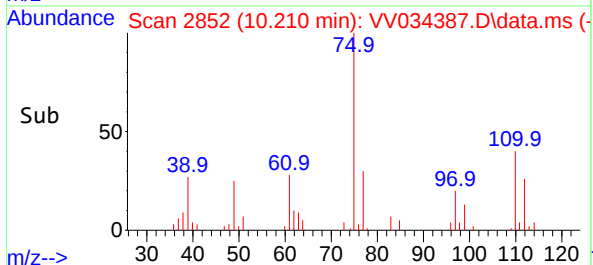
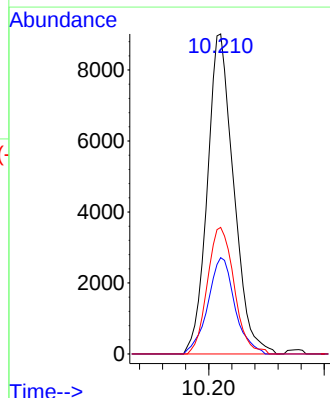
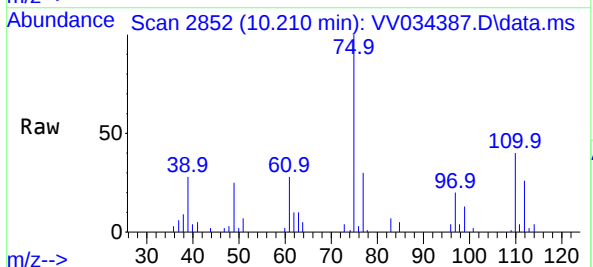
Instrument :
MSVOA_V
ClientSampleId :

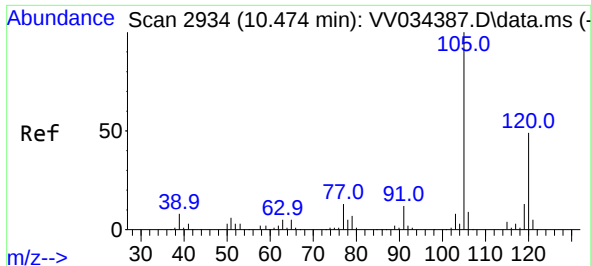
Tgt Ion:105 Resp: 137602
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.230 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion: 75 Resp: 14247
Ion Ratio Lower Upper
75 100
77 30.9 26.9 40.3
110 40.2 33.3 49.9

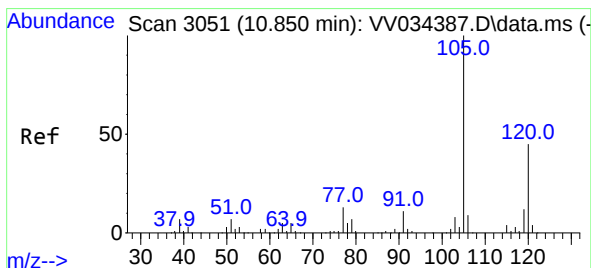
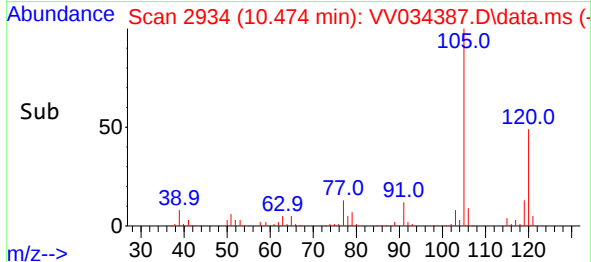
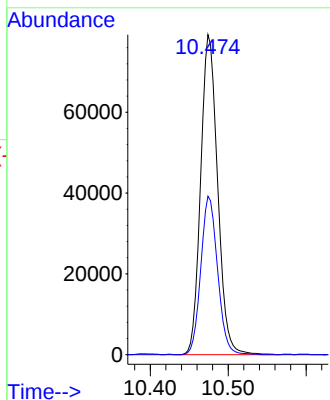
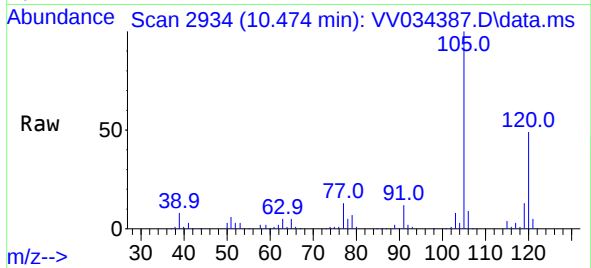




#62
1,3,5-Trimethylbenzene
Concen: 4.830 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

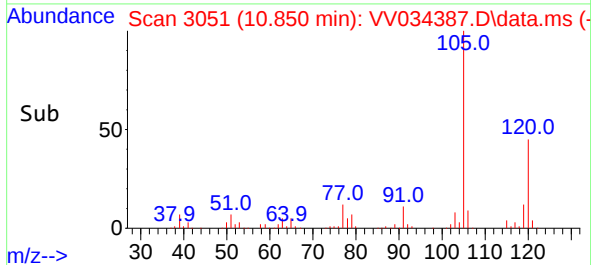
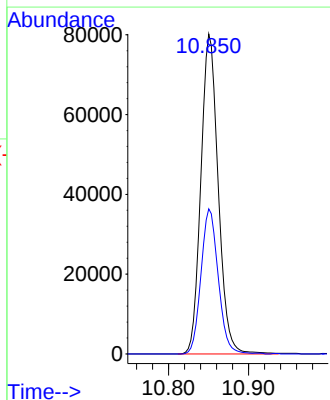
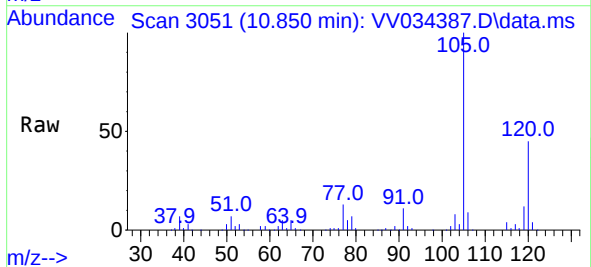
Instrument :
MSVOA_V
ClientSampleId :

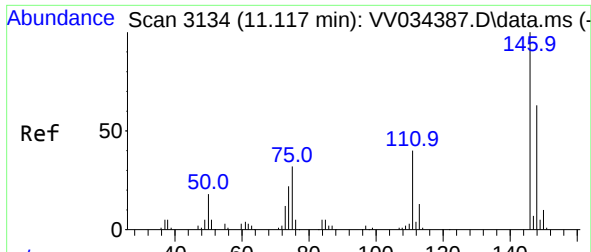
Tgt Ion:105 Resp: 119723
Ion Ratio Lower Upper
105 100
120 48.9 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.025 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:105 Resp: 121026
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2

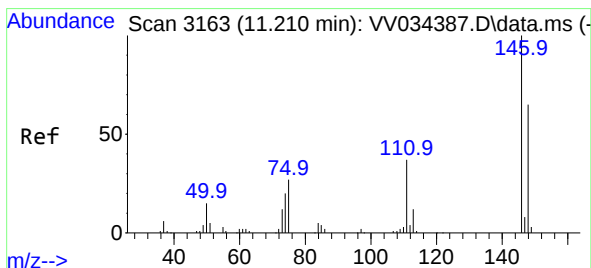
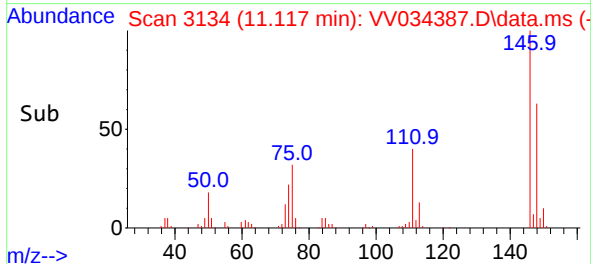
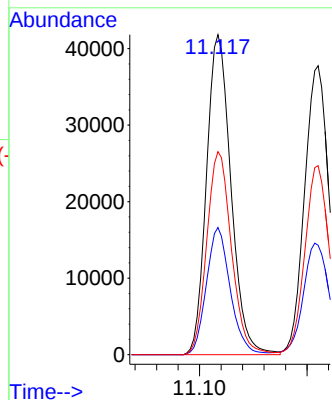
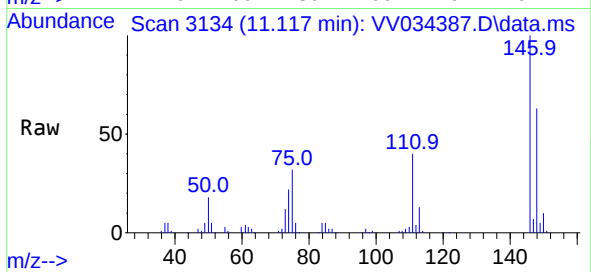




#64
1,3-Dichlorobenzene
Concen: 5.178 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

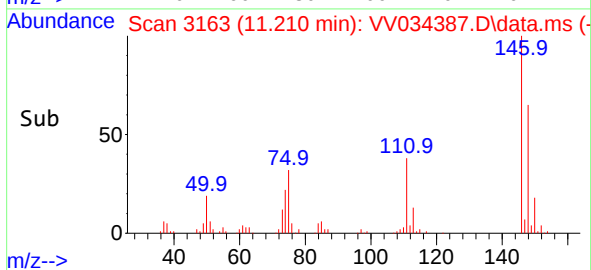
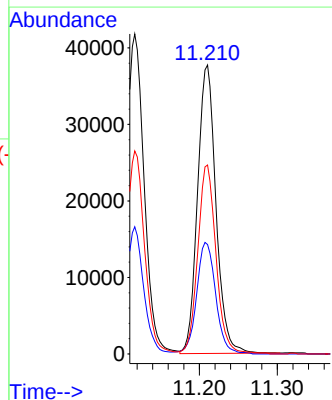
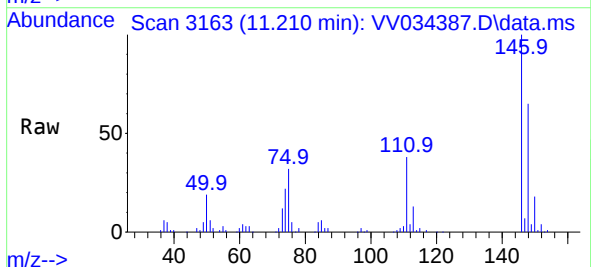
Instrument :
MSVOA_V
ClientSampleId :

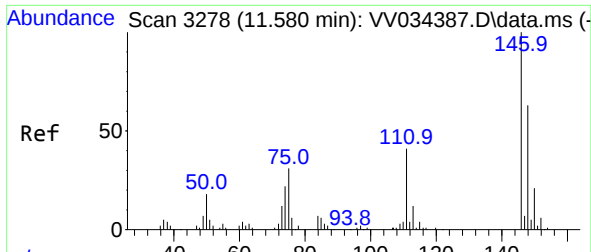
Tgt Ion:146 Resp: 66197
Ion Ratio Lower Upper
146 100
111 39.7 28.5 52.9
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.889 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

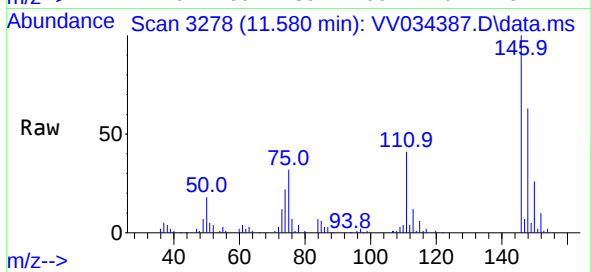
Tgt Ion:146 Resp: 61889
Ion Ratio Lower Upper
146 100
111 37.9 27.6 51.4
148 65.4 44.8 83.2



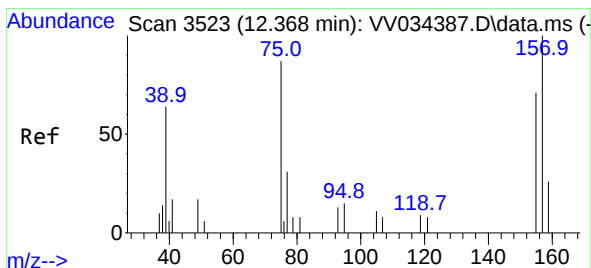
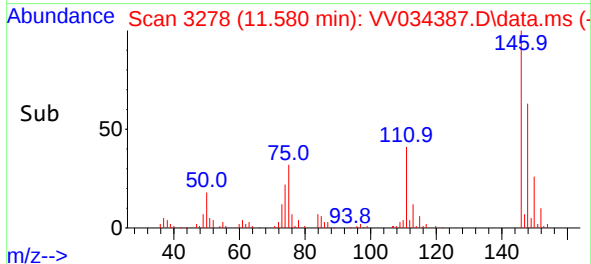
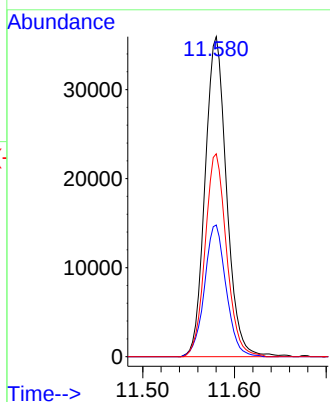


#67
1,2-Dichlorobenzene
Concen: 5.335 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

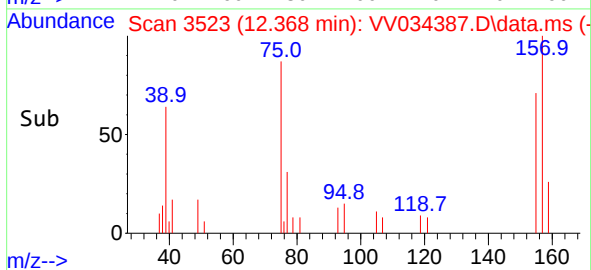
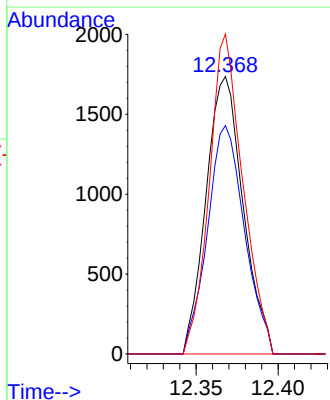
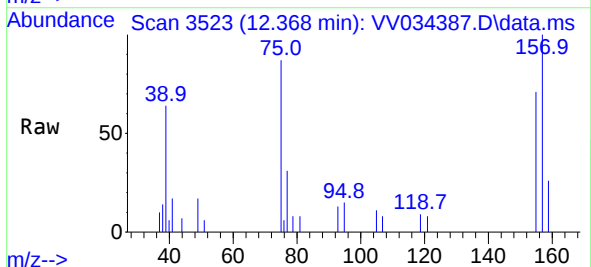


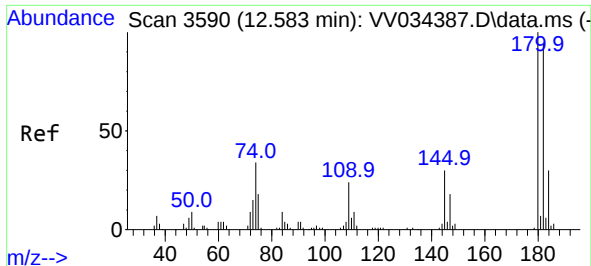
Tgt Ion:146 Resp: 58572
Ion Ratio Lower Upper
146 100
111 41.2 31.2 46.8
148 63.4 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.782 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

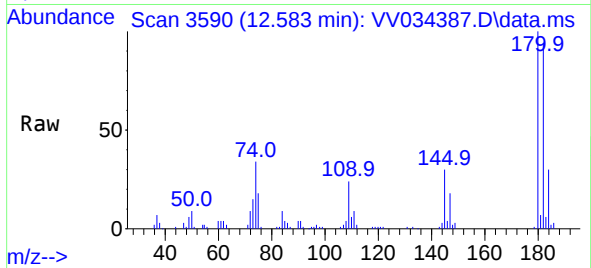
Tgt Ion: 75 Resp: 2730
Ion Ratio Lower Upper
75 100
155 82.3 68.9 103.3
157 115.3 84.6 127.0



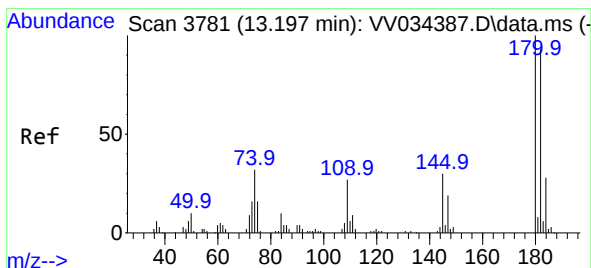
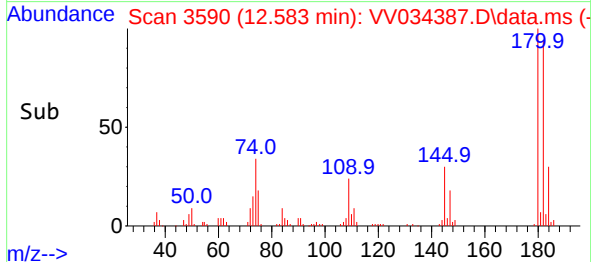
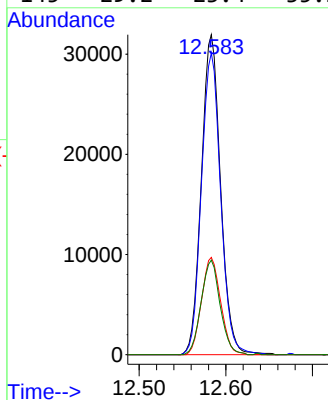


#69
1,3,5-Trichlorobenzene
Concen: 4.970 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

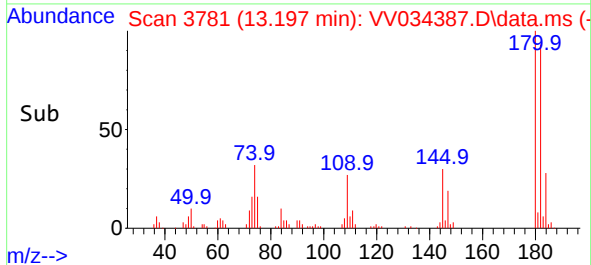
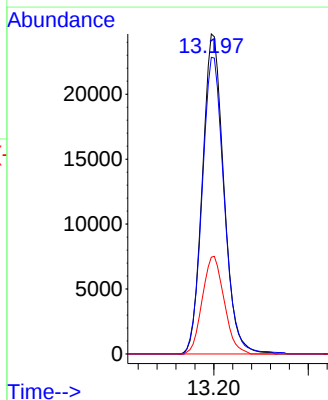
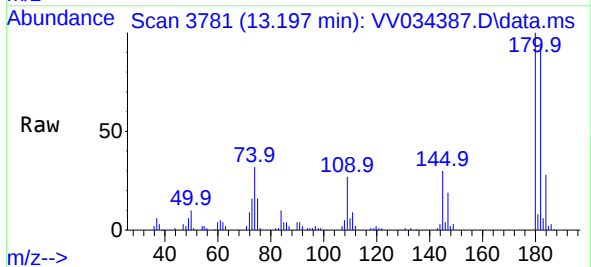


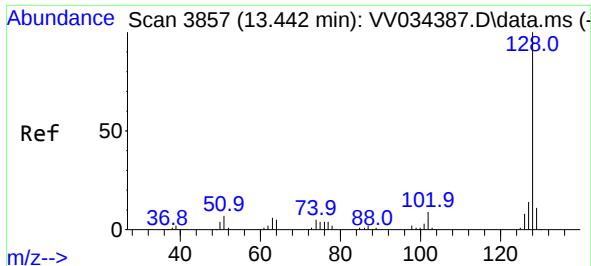
Tgt Ion:180 Resp: 49170
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.4
184 30.2 23.8 35.6
145 29.2 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.016 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

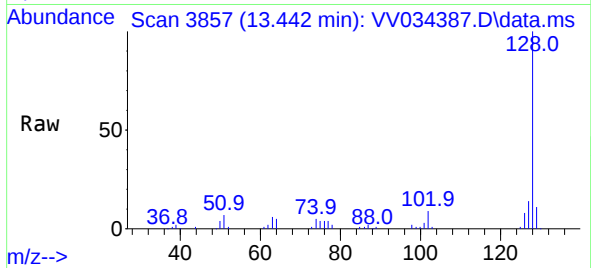
Tgt Ion:180 Resp: 38736
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 31.1 24.8 37.2



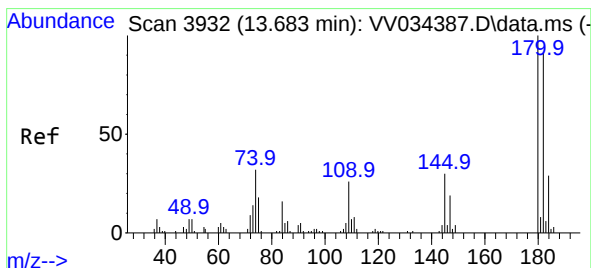
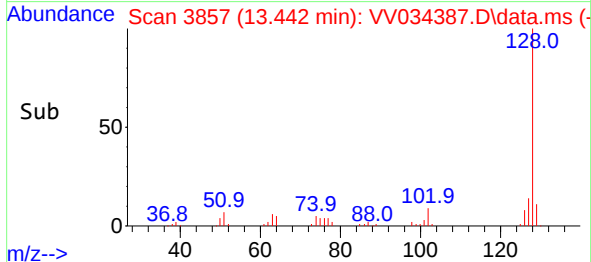
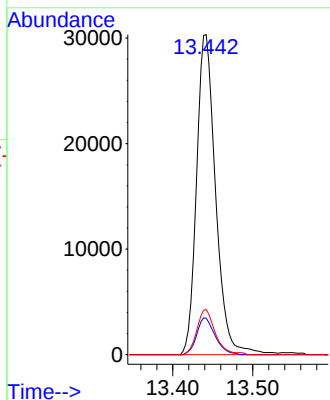


#71
Naphthalene
Concen: 4.985 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	50451
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.6	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.200 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034387.D
Acq: 24 Feb 2024 10:22

Tgt Ion:	180	Resp:	32178
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	31.6	25.2	37.8

