

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022424\
 Data File : VW034403.D
 Acq On : 24 Feb 2024 17:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 26 00:37:49 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	87603	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31070	4.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.536	69	26566	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	14508	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.835	46	53751	47.172	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.340%
24) Chloroform-d	4.253	84	60279	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.947	65	28126	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	109882	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	5.992	67	30634	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.243	98	100660	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	8160	3.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.027	63	39717	44.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19565	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	34731	4.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29998	3.737	ug/L	98
3) Chloromethane	1.217	50	35179	4.017	ug/L	99
5) Vinyl chloride	1.285	62	35235	4.211	ug/L	95
6) Bromomethane	1.491	94	12529	2.843	ug/L	99
8) Chloroethane	1.552	64	26832	4.700	ug/L	91
9) Trichlorofluoromethane	1.716	101	58168	4.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30128	4.780	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29978	4.898	ug/L	90
13) Acetone	2.153	43	43560	50.390	ug/L #	50
14) Carbon disulfide	2.243	76	76150	3.846	ug/L	99
15) Methyl Acetate	2.394	43	9536	4.661	ug/L	96
16) Methylene chloride	2.449	84	30133	5.132	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	64146	5.101	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	30052	4.821	ug/L	97
19) 1,1-Dichloroethane	3.114	63	58889	5.141	ug/L	99
21) 2-Butanone	3.902	43	57650	50.466	ug/L #	63
22) cis-1,2-Dichloroethene	3.818	96	32643	4.616	ug/L	97
23) Bromochloromethane	4.153	128	12892	5.244	ug/L	92
25) Chloroform	4.281	83	59311	5.123	ug/L	94

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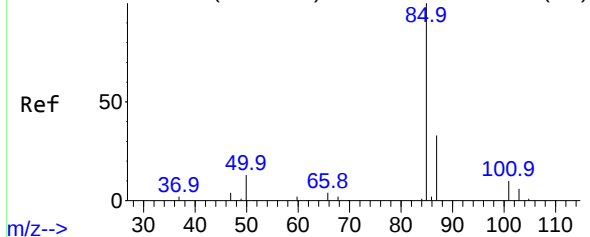
Instrument :
 MSVOA_V
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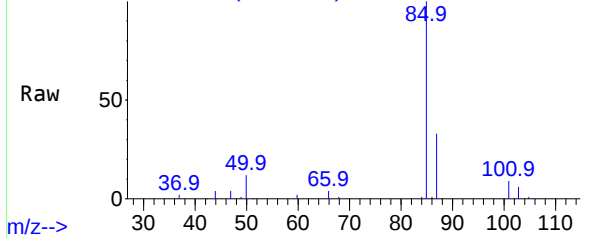
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	35190	5.308	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	54942	5.192	ug/L	99
30) Cyclohexane	4.584	56	45235	4.396	ug/L	96
31) Carbon tetrachloride	4.738	117	47300	5.109	ug/L	98
33) Benzene	5.011	78	121001	5.119	ug/L	100
34) Trichloroethene	5.834	95	31996	4.677	ug/L	97
35) Methylcyclohexane	6.050	83	47587	4.431	ug/L	99
37) 1,2-Dichloropropane	6.095	63	28055	4.899	ug/L	100
38) Bromodichloromethane	6.436	83	36851	4.903	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	31683	3.636	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	143865	52.467	ug/L	99
42) Toluene	7.317	91	129397	5.122	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	23071	3.449	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	18293	5.174	ug/L	97
47) Tetrachloroethene	7.905	164	25496	4.587	ug/L	95
48) 2-Hexanone	8.079	43	101223	52.371	ug/L	98
49) Dibromochloromethane	8.175	129	20109	4.786	ug/L	97
50) 1,2-Dibromoethane	8.284	107	16719	5.268	ug/L #	95
51) Chlorobenzene	8.815	112	81277	5.088	ug/L	98
52) Ethylbenzene	8.947	91	144868	4.981	ug/L	100
53) m,p-Xylene	9.072	106	54622	4.970	ug/L	95
54) o-Xylene	9.477	106	54017	5.097	ug/L	99
55) Styrene	9.497	104	84239	4.965	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	21223	5.687	ug/L	95
59) Bromoform	9.667	173	8220	3.568	ug/L	100
60) Isopropylbenzene	9.866	105	138913	4.489	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	15235	5.299	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	120196	4.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	119309	4.693	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	66560	4.933	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	65101	4.872	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	57698	4.979	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2785	4.622	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	48277	4.623	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	39148	4.802	ug/L	97
71) Naphthalene	13.442	128	54193	5.073	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32671	5.002	ug/L	97

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

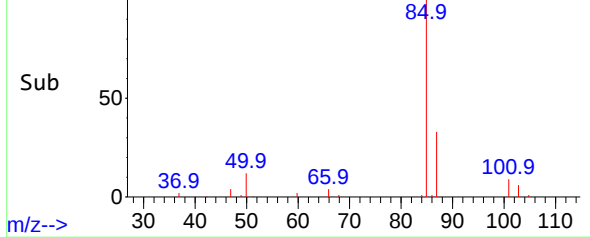
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m/z--> Scan 21 (1.108 min): VV034403.D\data.ms

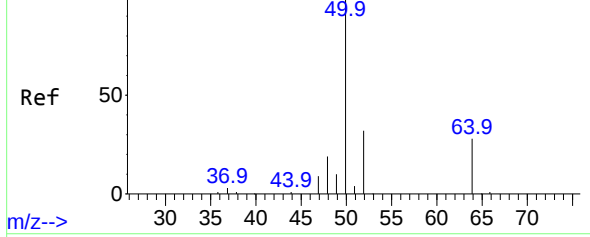


Abundance Scan 21 (1.108 min): VV034403.D\data.ms (-1) (

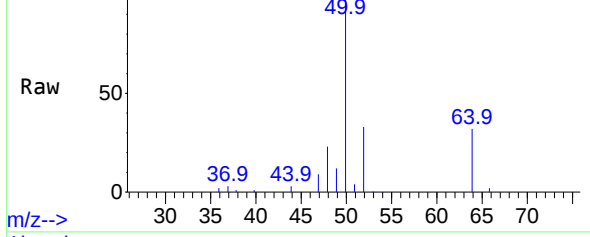


m/z-->

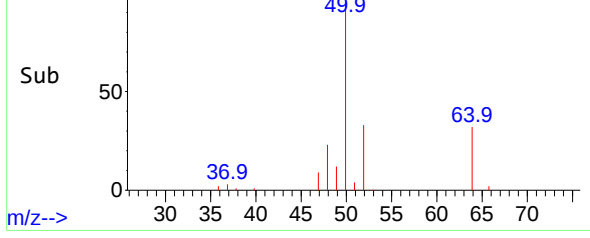
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m/z--> Scan 55 (1.217 min): VV034403.D\data.ms



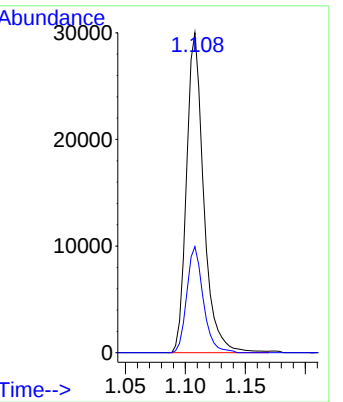
Abundance Scan 55 (1.217 min): VV034403.D\data.ms (-1) (



m/z-->

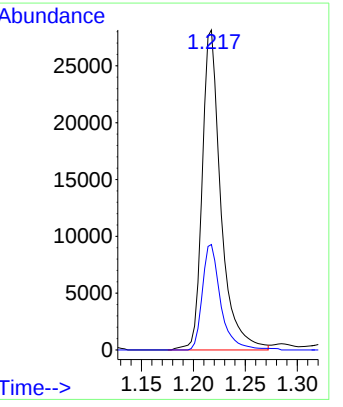
#2
Dichlorodifluoromethane
Concen: 3.737 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 85 Resp: 29998
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4

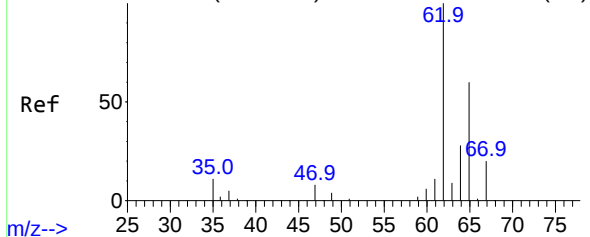


#3
Chloromethane
Concen: 4.017 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 50 Resp: 35179
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4



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



#5

Vinyl chloride

Concen: 4.211 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

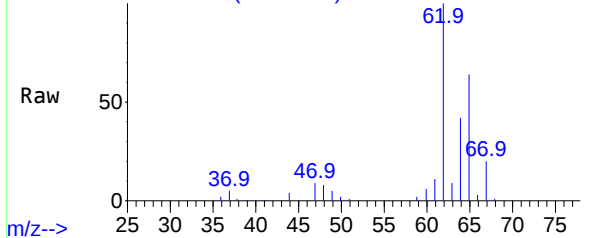
Tgt Ion: 62 Resp: 35235

Ion Ratio Lower Upper

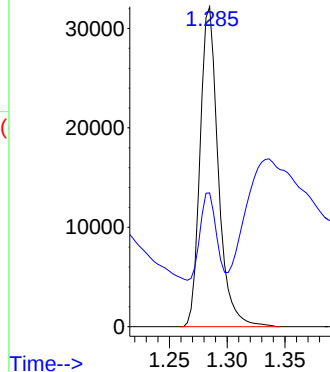
62 100

64 41.8 27.2 50.4

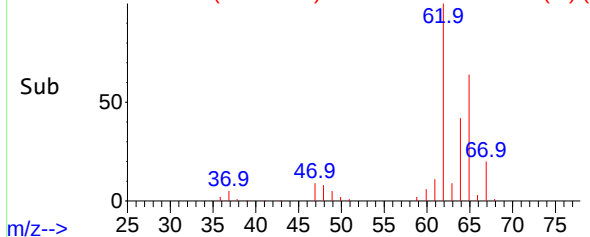
Abundance Scan 76 (1.285 min): VV034403.D\data.ms



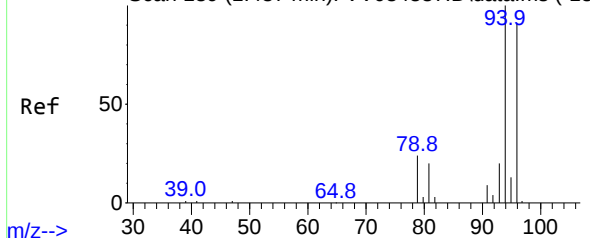
Abundance



Abundance Scan 76 (1.285 min): VV034403.D\data.ms (-1)



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



#6

Bromomethane

Concen: 2.843 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

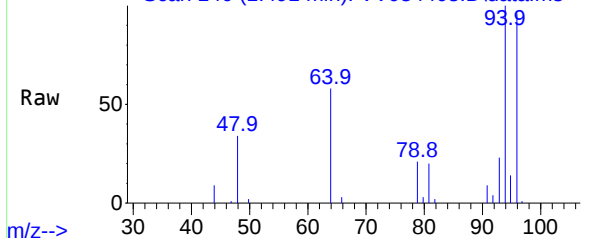
Tgt Ion: 94 Resp: 12529

Ion Ratio Lower Upper

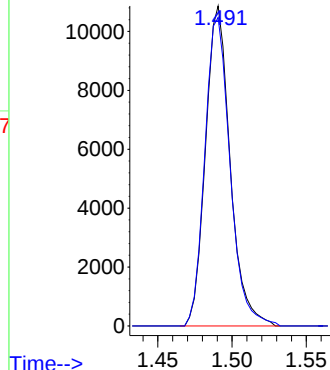
94 100

96 96.4 66.6 123.8

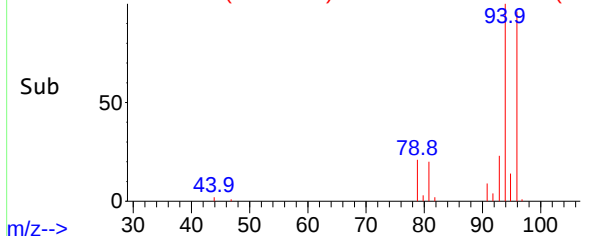
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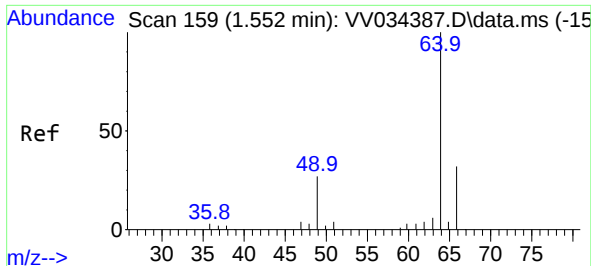


Abundance



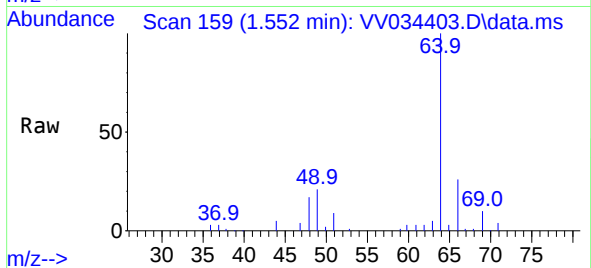
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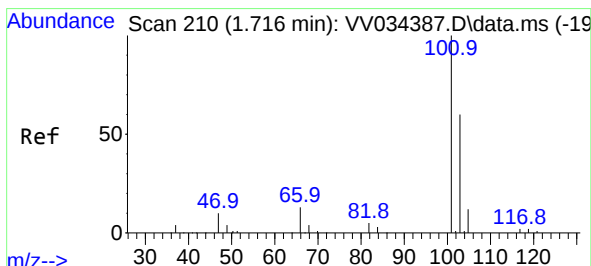
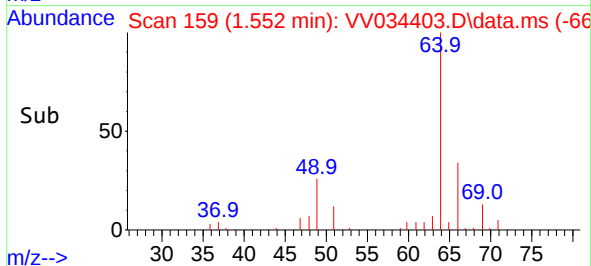
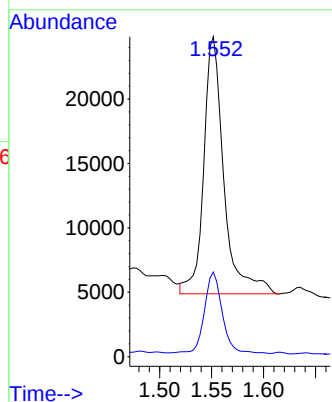


#8
Chloroethane
Concen: 4.700 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

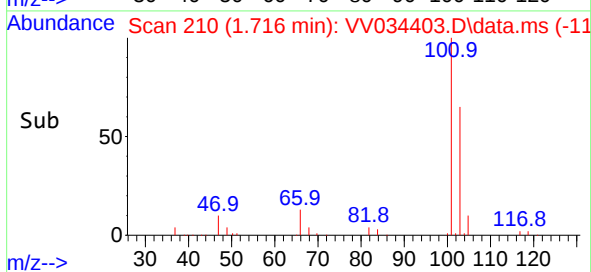
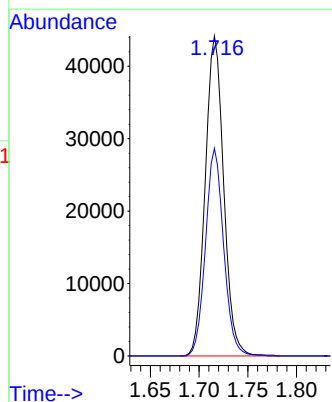
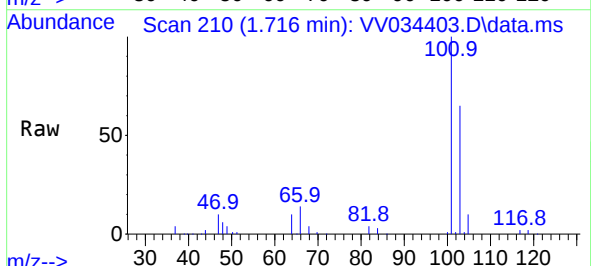


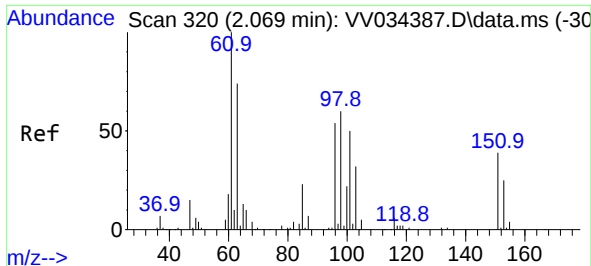
Tgt Ion: 64 Resp: 26832
Ion Ratio Lower Upper
64 100
66 26.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 4.824 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 101 Resp: 58168
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

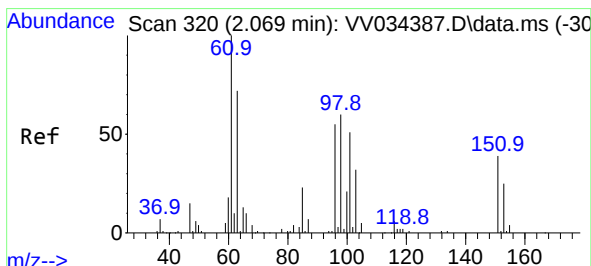
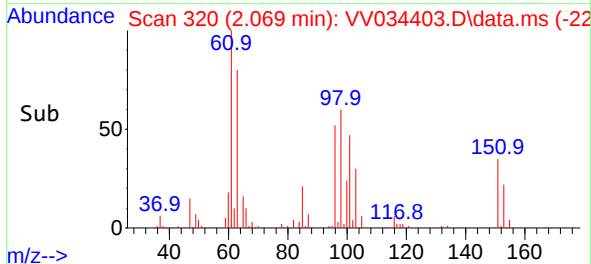
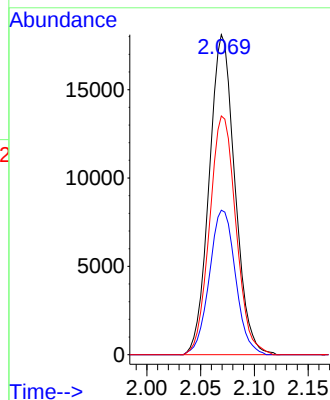
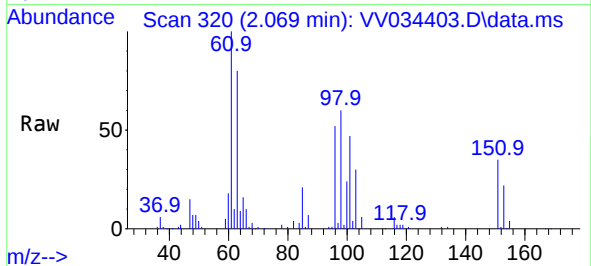




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.780 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034403.D
 Acq: 24 Feb 2024 17:47

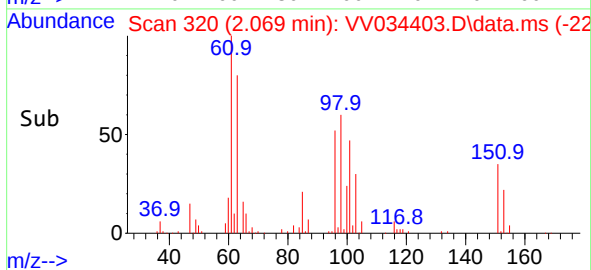
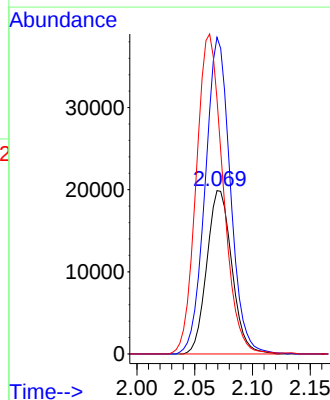
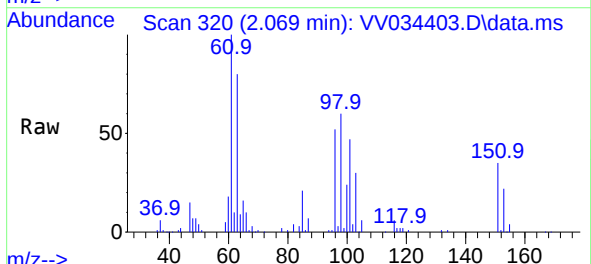
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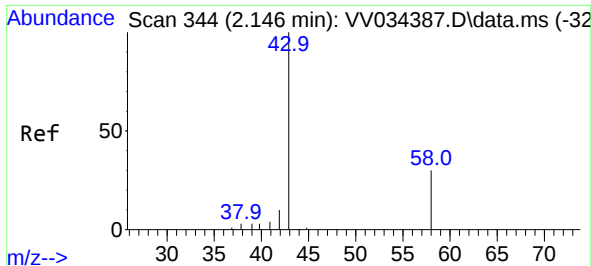
Tgt Ion:101 Resp: 30128
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.1 55.7
 151 76.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.898 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034403.D
 Acq: 24 Feb 2024 17:47

Tgt Ion: 96 Resp: 29978
 Ion Ratio Lower Upper
 96 100
 61 193.8 128.8 239.2
 63 156.0 97.9 181.9





#13

Acetone

Concen: 50.390 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

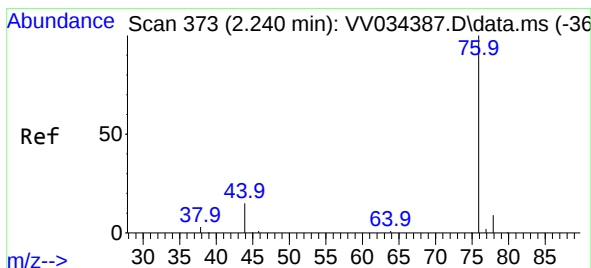
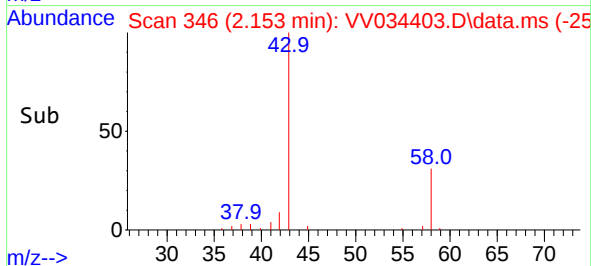
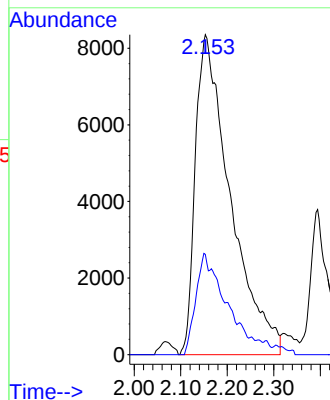
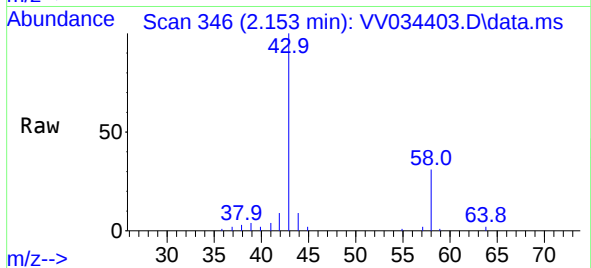
ClientSampleId :

Tgt Ion: 43 Resp: 43560

Ion Ratio Lower Upper

43 100

58 24.0 0.0 13.8#



#14

Carbon disulfide

Concen: 3.846 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034403.D

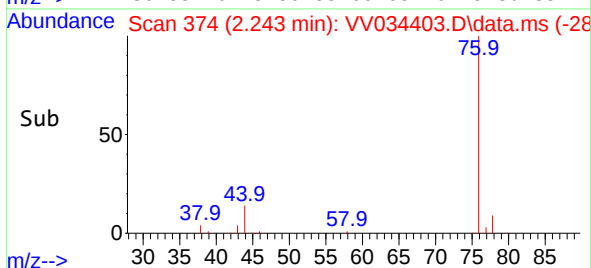
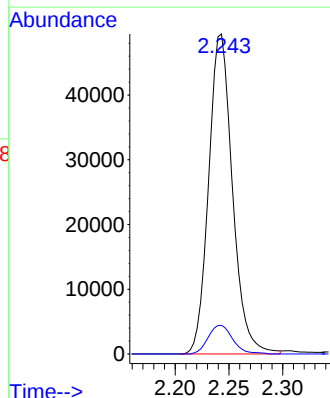
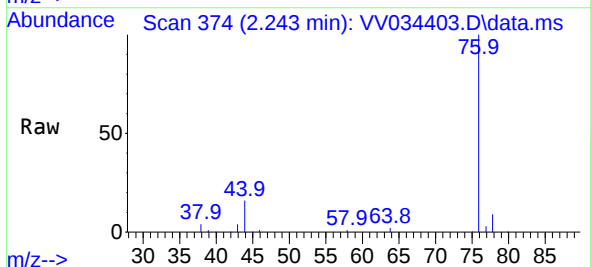
Acq: 24 Feb 2024 17:47

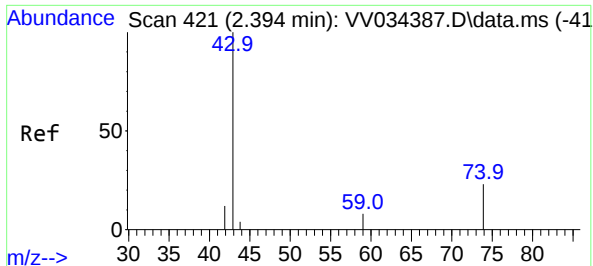
Tgt Ion: 76 Resp: 76150

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

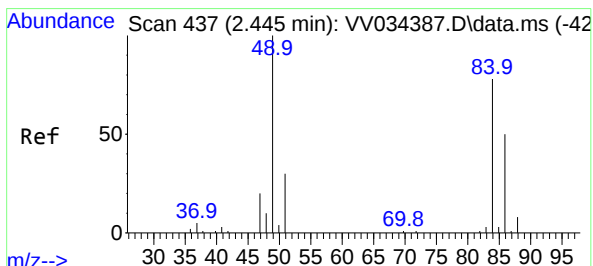
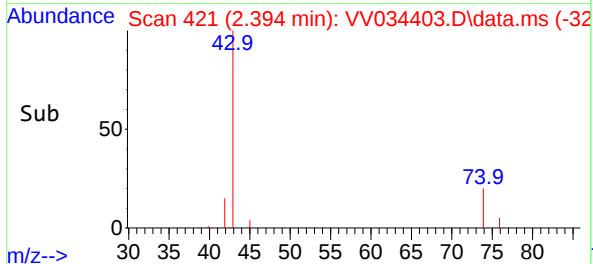
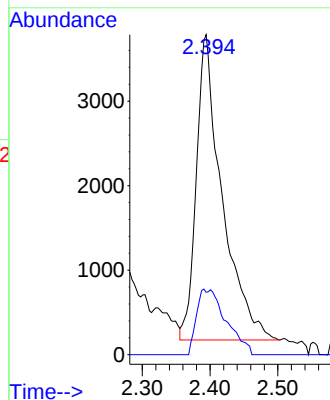
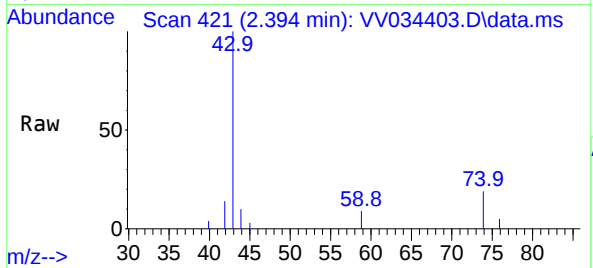




#15
Methyl Acetate
Concen: 4.661 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

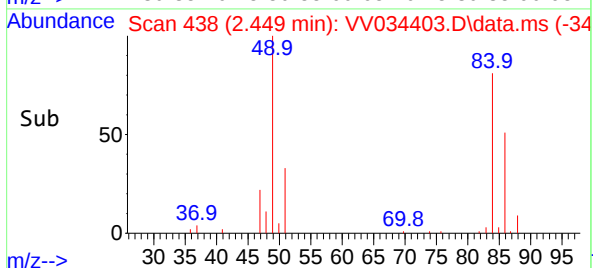
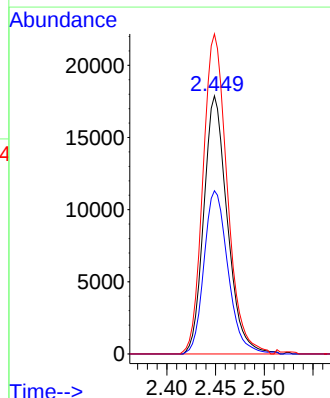
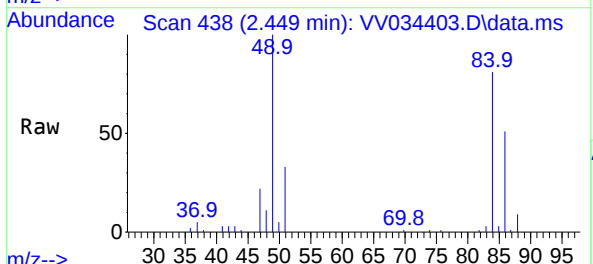
Instrument :
MSVOA_V
ClientSampleId :

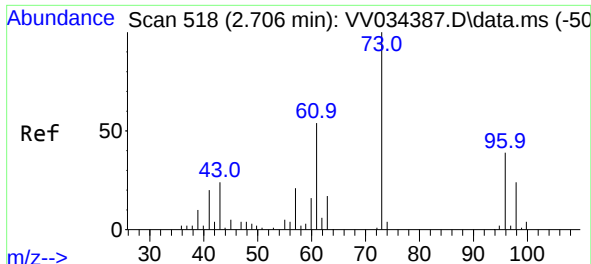
Tgt Ion: 43 Resp: 9536
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4



#16
Methylene chloride
Concen: 5.132 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 84 Resp: 30133
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 124.0 93.7 173.9

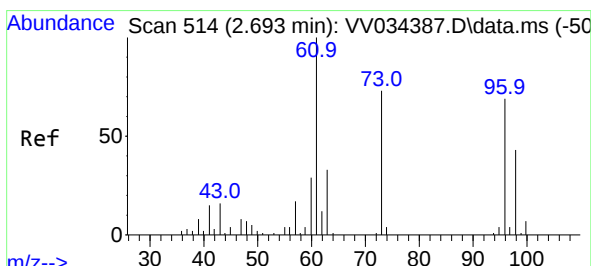
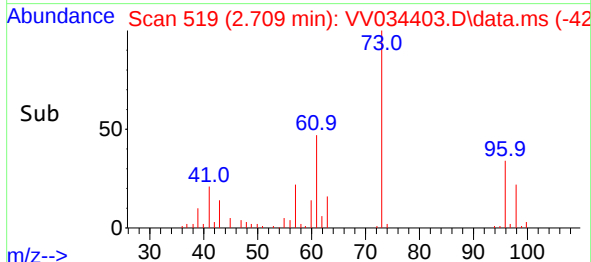
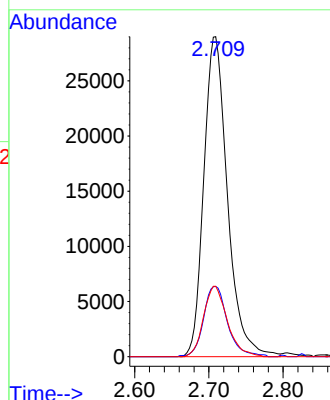
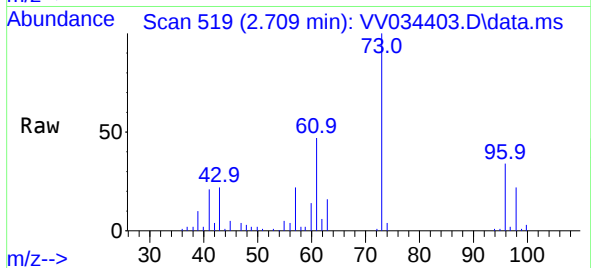




#17
Methyl tert-butyl Ether
Concen: 5.101 ug/L
RT: 2.709 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

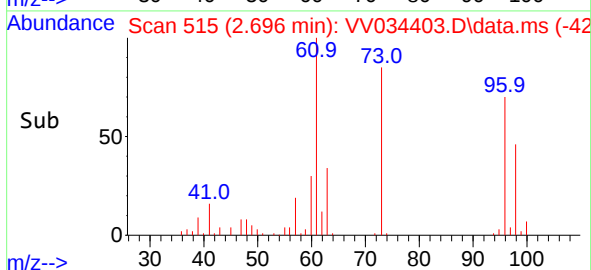
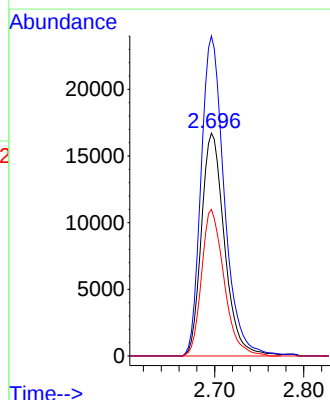
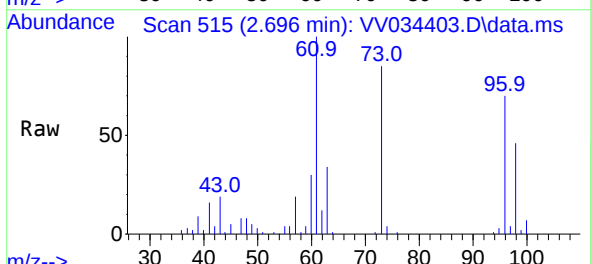
Instrument :
MSVOA_V
ClientSampleId :

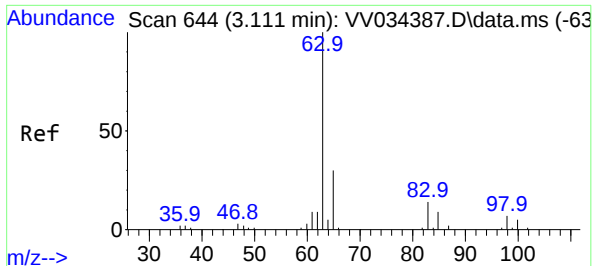
Tgt Ion: 73 Resp: 64146
Ion Ratio Lower Upper
73 100
43 22.3 17.7 26.5
57 22.1 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.821 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

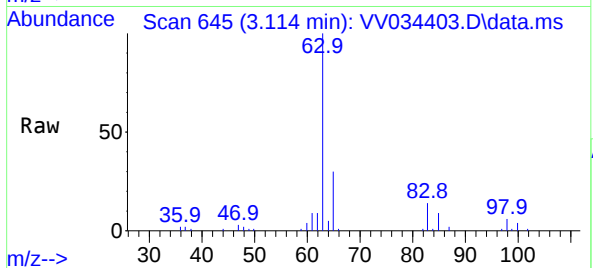
Tgt Ion: 96 Resp: 30052
Ion Ratio Lower Upper
96 100
61 143.7 97.6 181.4
98 65.8 44.4 82.5



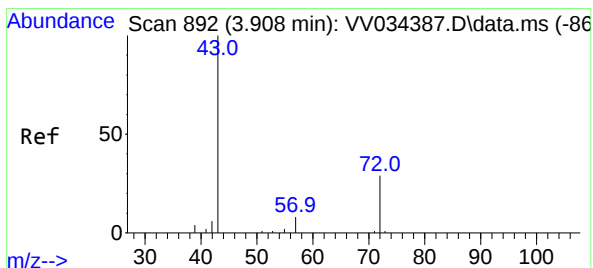
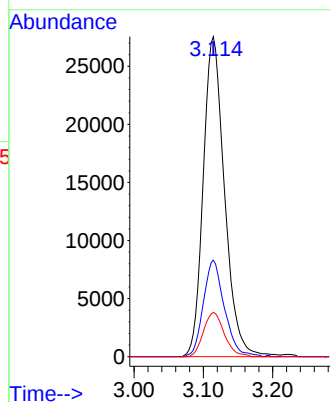
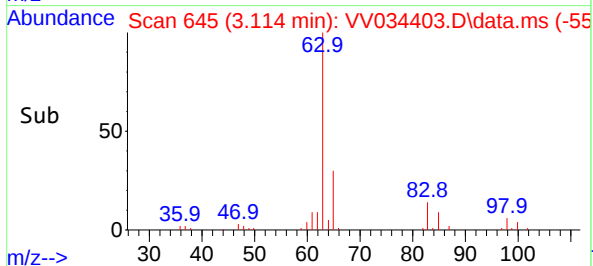


#19
1,1-Dichloroethane
Concen: 5.141 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

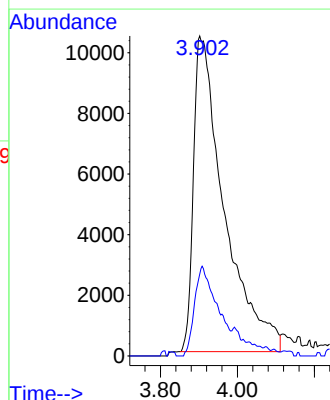
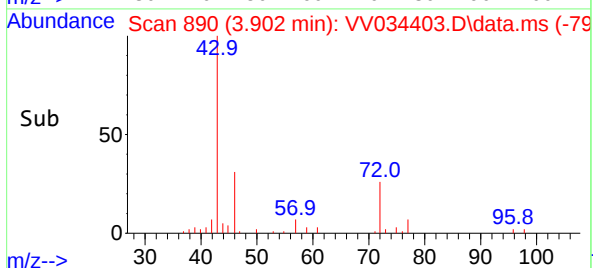
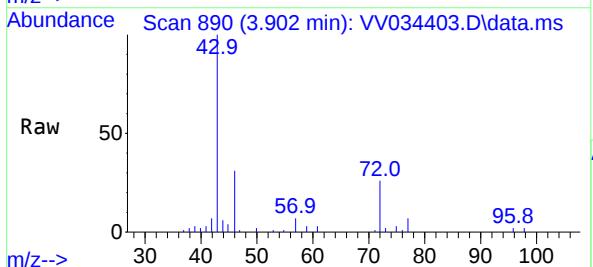


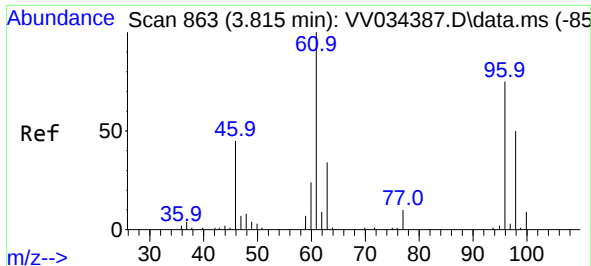
Tgt Ion: 63 Resp: 58889
Ion Ratio Lower Upper
63 100
65 30.2 20.8 38.6
83 13.9 9.4 17.4



#21
2-Butanone
Concen: 50.466 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

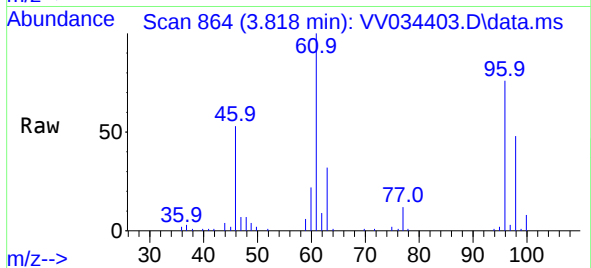
Tgt Ion: 43 Resp: 57650
Ion Ratio Lower Upper
43 100
72 20.8 4.0 11.9#



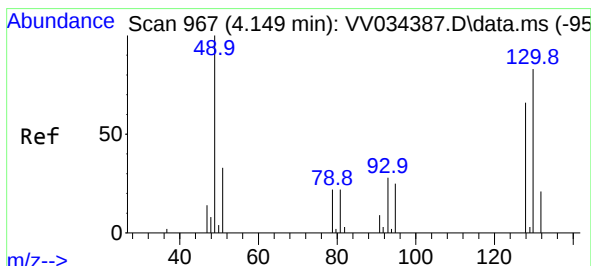
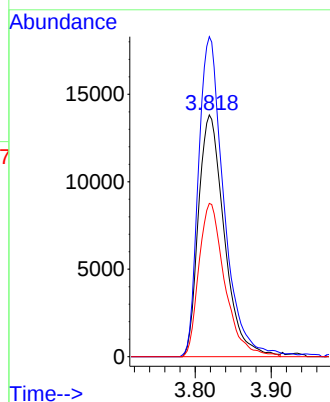
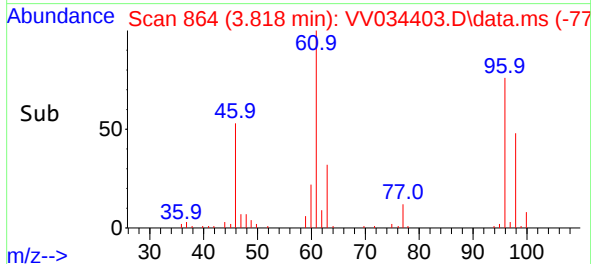


#22
cis-1,2-Dichloroethene
Concen: 4.616 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

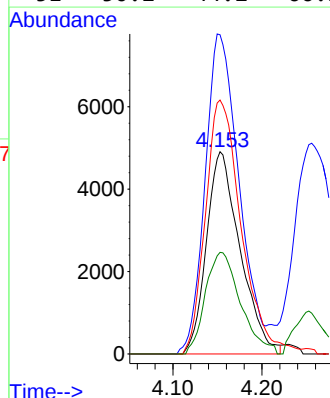
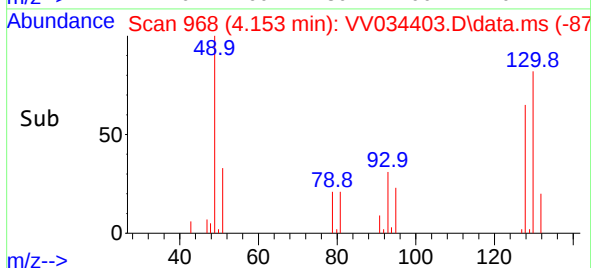
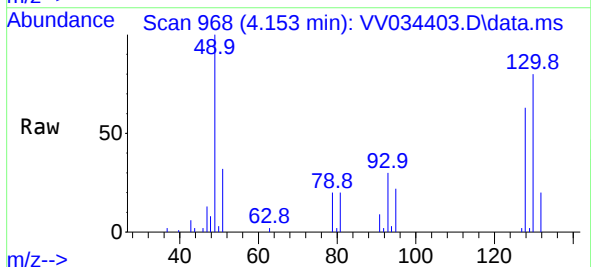


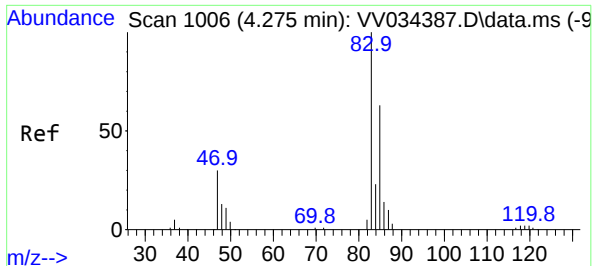
Tgt Ion: 96 Resp: 32643
Ion Ratio Lower Upper
96 100
61 132.4 90.3 167.7
98 63.4 43.2 80.2



#23
Bromochloromethane
Concen: 5.244 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 128 Resp: 12892
Ion Ratio Lower Upper
128 100
49 157.8 120.5 223.7
130 125.5 93.4 173.4
51 50.2 44.2 66.2





#25

Chloroform

Concen: 5.123 ug/L

RT: 4.281 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

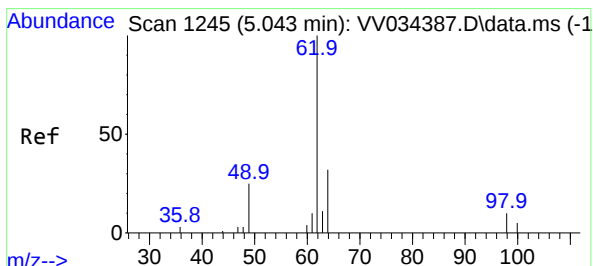
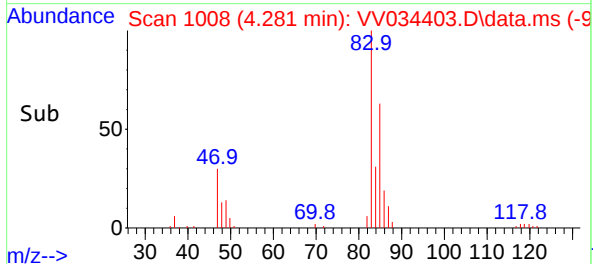
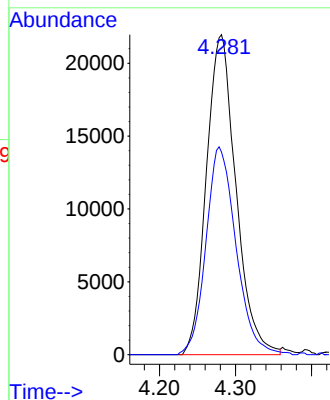
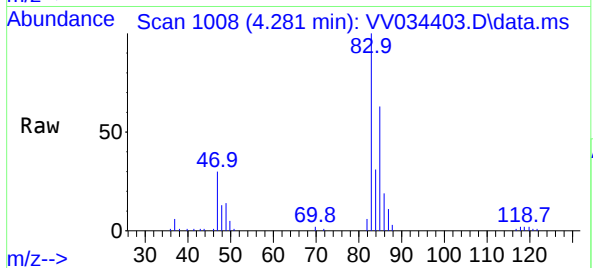
ClientSampleId :

Tgt Ion: 83 Resp: 59311

Ion Ratio Lower Upper

83 100

85 63.3 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.308 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV034403.D

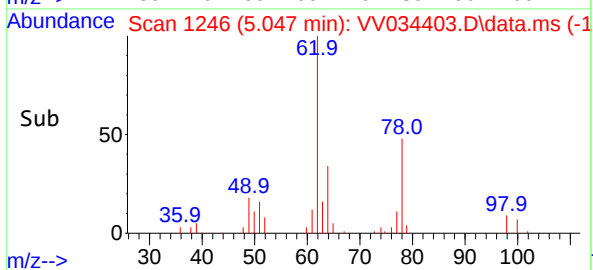
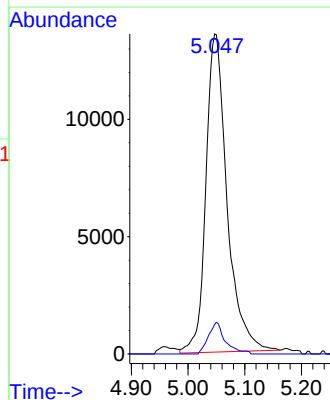
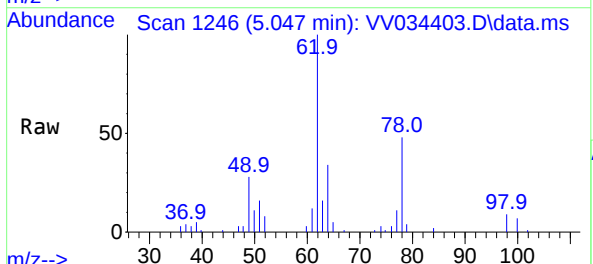
Acq: 24 Feb 2024 17:47

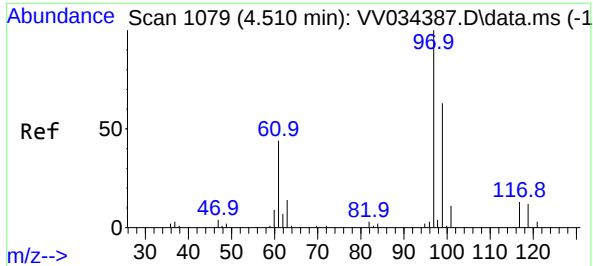
Tgt Ion: 62 Resp: 35190

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3

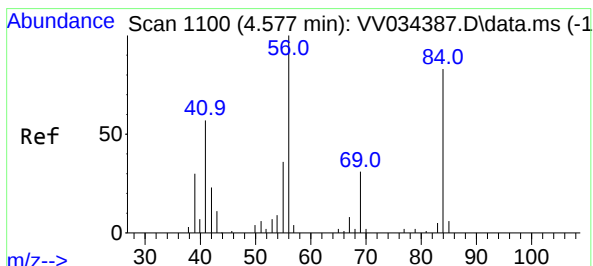
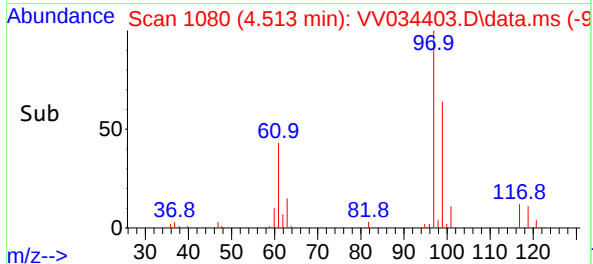
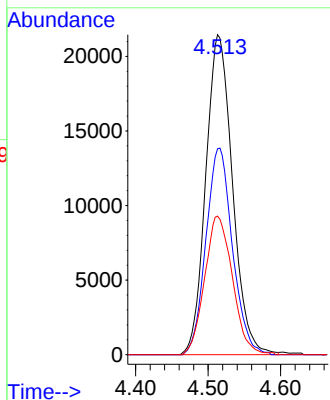
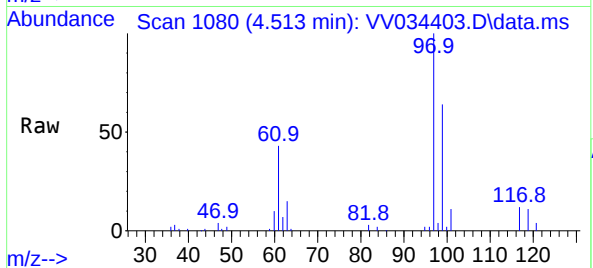




#29
1,1,1-Trichloroethane
Concen: 5.192 ug/L
RT: 4.513 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

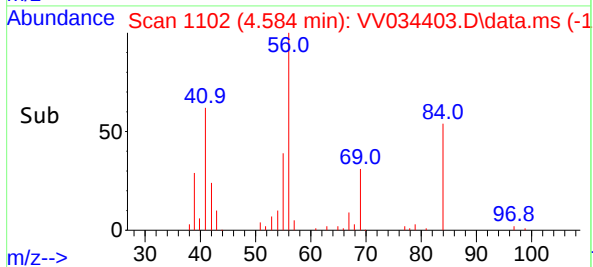
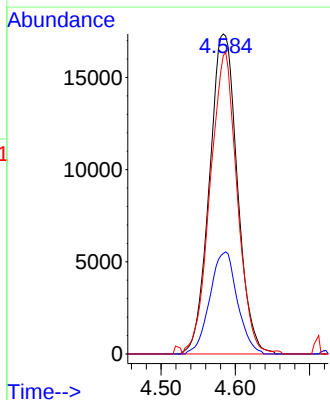
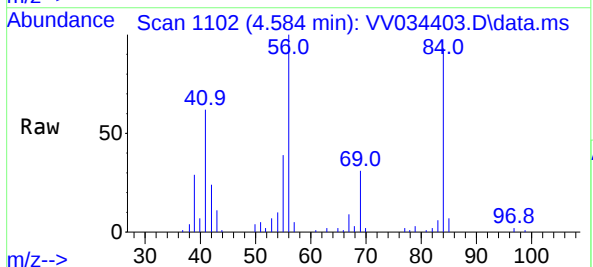
Instrument :
MSVOA_V
ClientSampleId :

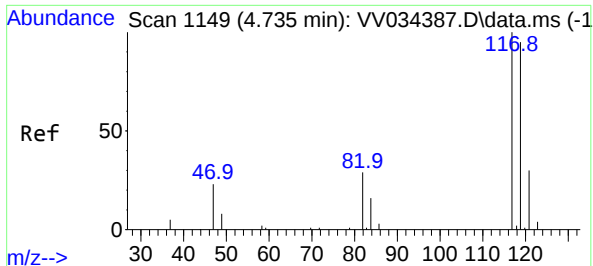
Tgt Ion: 97 Resp: 54942
Ion Ratio Lower Upper
97 100
99 64.2 50.6 75.8
61 45.1 36.8 55.2



#30
Cyclohexane
Concen: 4.396 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 56 Resp: 45235
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.2
84 91.2 70.0 105.0

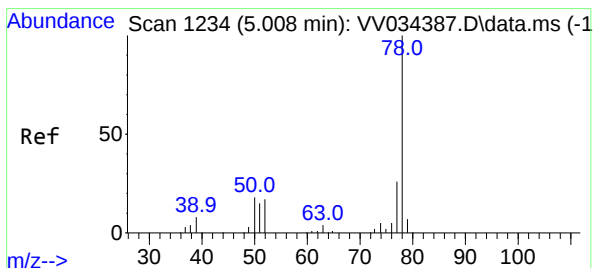
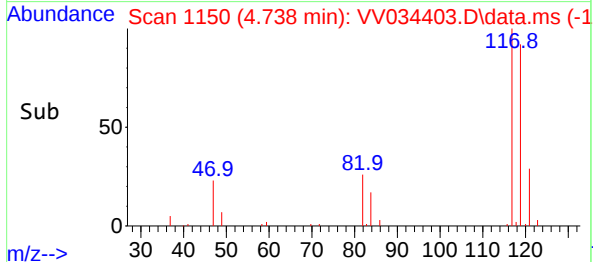
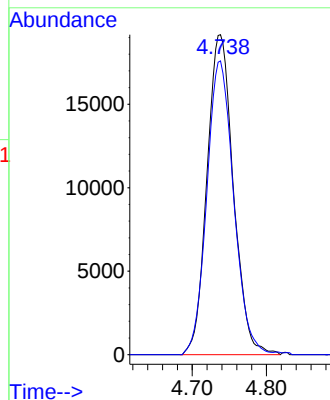
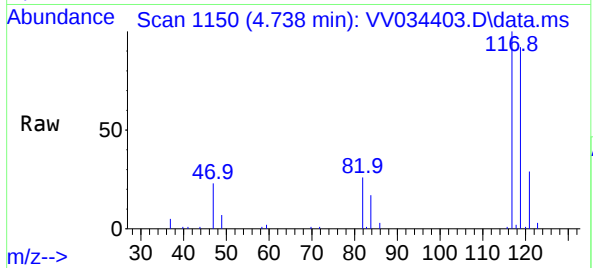




#31
Carbon tetrachloride
Concen: 5.109 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

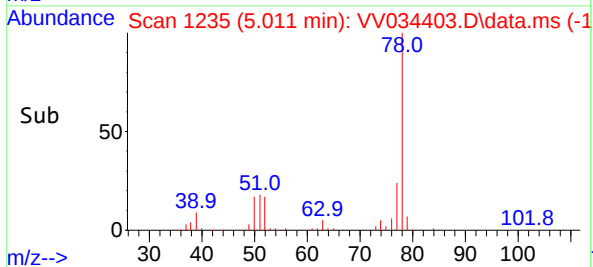
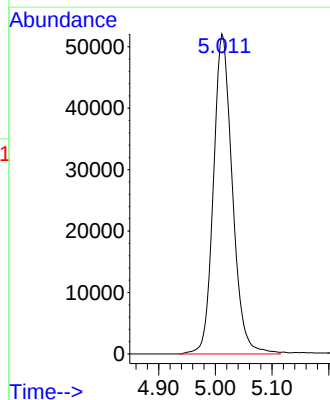
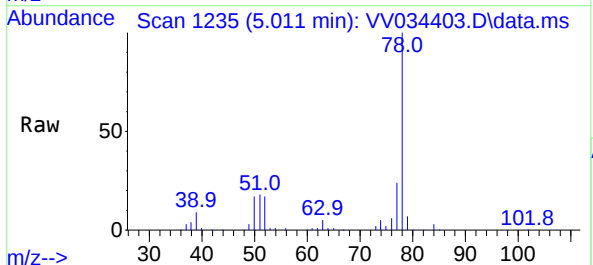
Instrument :
MSVOA_V
ClientSampleId :

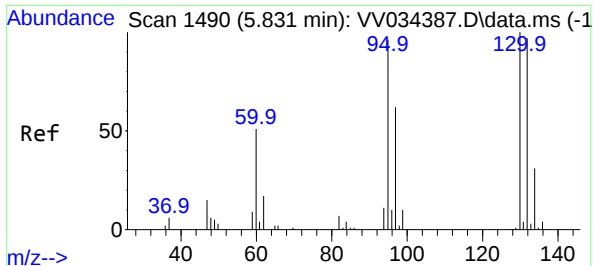
Tgt Ion:117 Resp: 47300
Ion Ratio Lower Upper
117 100
119 93.6 76.1 114.1



#33
Benzene
Concen: 5.119 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 78 Resp: 121001

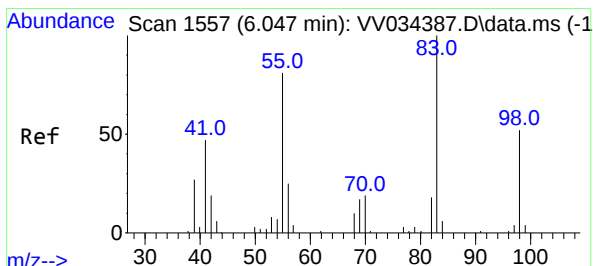
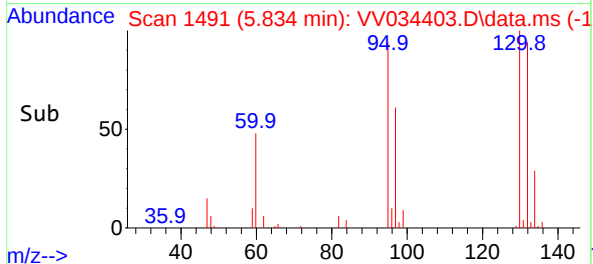
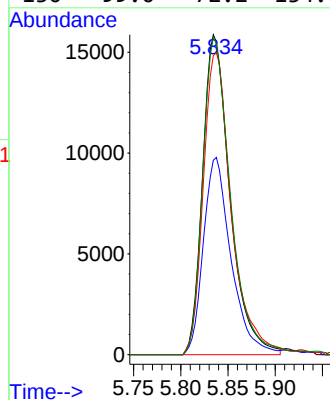
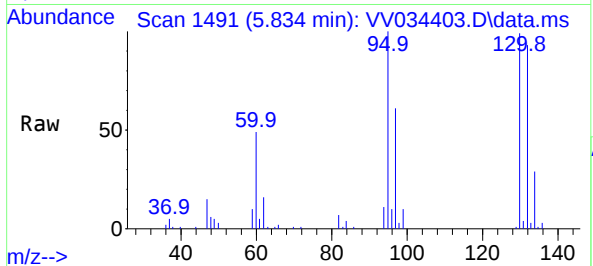




#34
Trichloroethene
Concen: 4.677 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

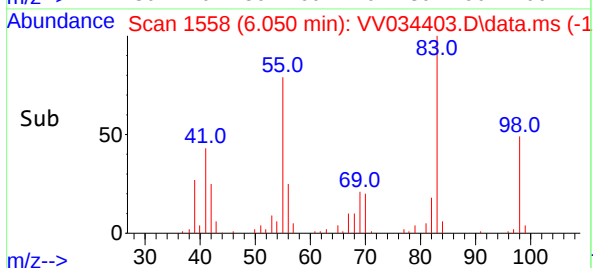
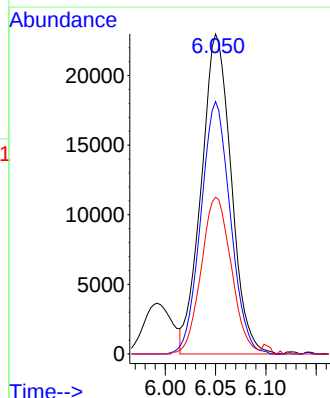
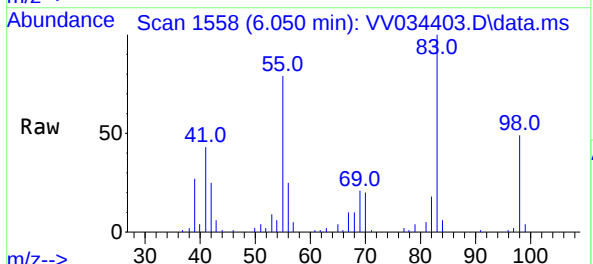
Instrument :
MSVOA_V
ClientSampleId :

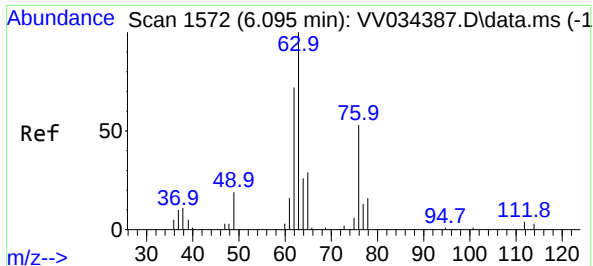
Tgt Ion: 95 Resp: 31996
Ion Ratio Lower Upper
95 100
97 60.8 45.1 83.7
132 93.5 66.0 122.6
130 99.0 72.2 134.0



#35
Methylcyclohexane
Concen: 4.431 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 83 Resp: 47587
Ion Ratio Lower Upper
83 100
55 77.9 63.5 95.3
98 49.2 39.0 58.4

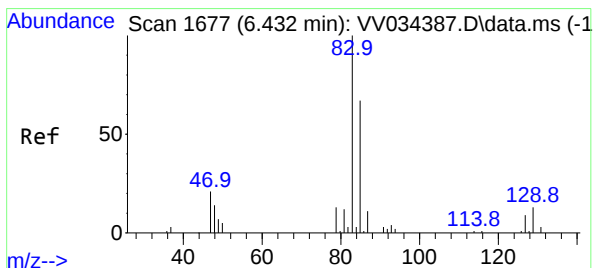
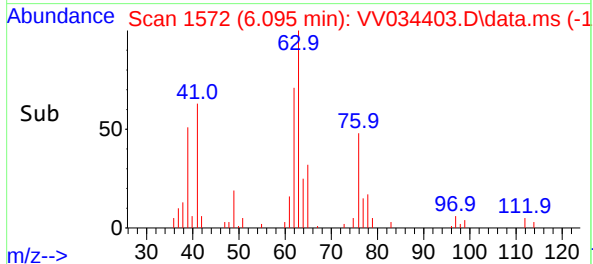
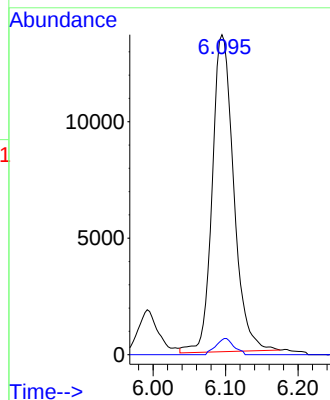
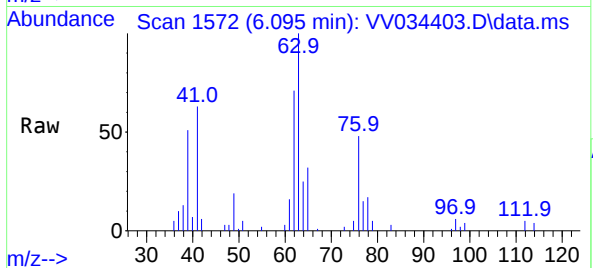




#37
1,2-Dichloropropane
Concen: 4.899 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

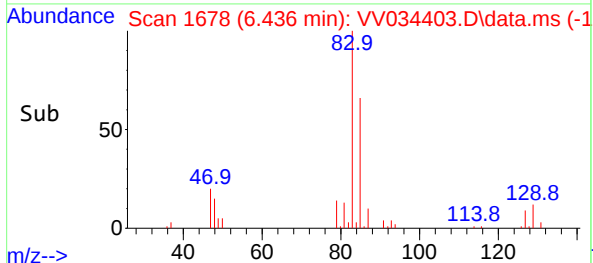
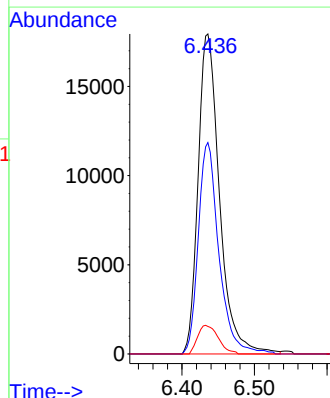
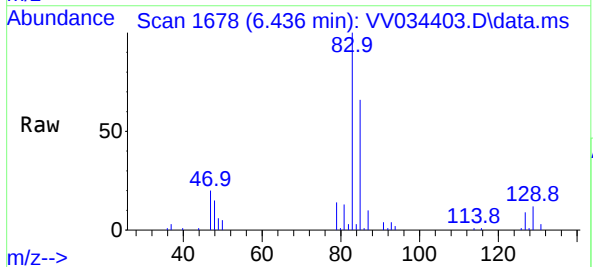
Instrument :
MSVOA_V
ClientSampleId :

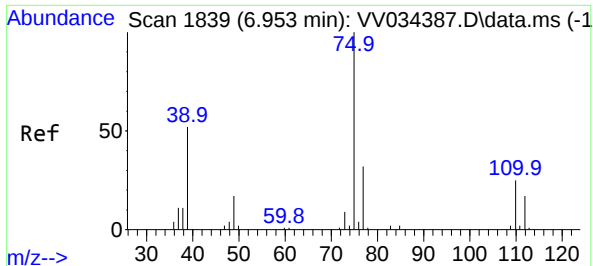
Tgt Ion: 63 Resp: 28055
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 4.903 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 83 Resp: 36851
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.2
127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 3.636 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

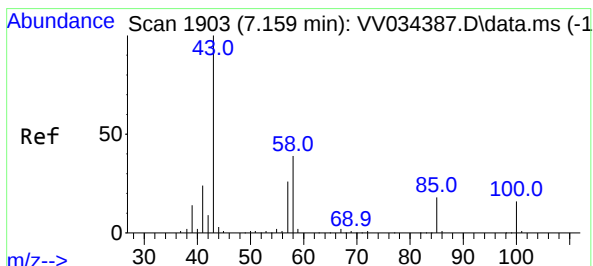
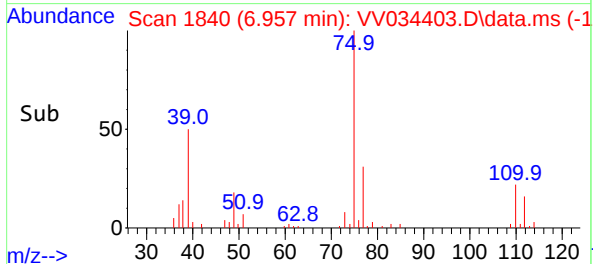
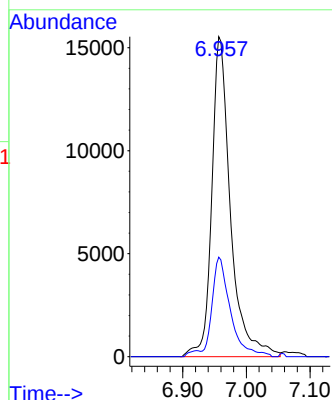
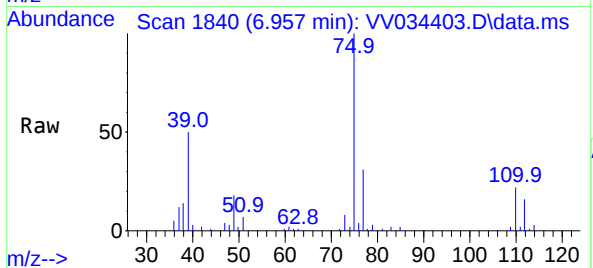
ClientSampleId :

Tgt Ion: 75 Resp: 31683

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.467 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

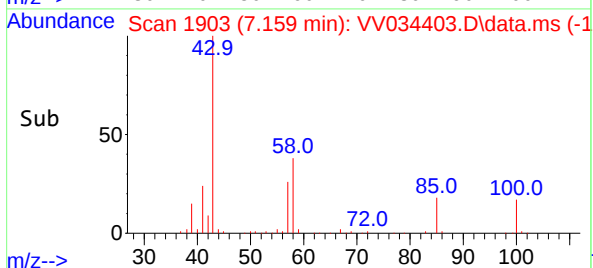
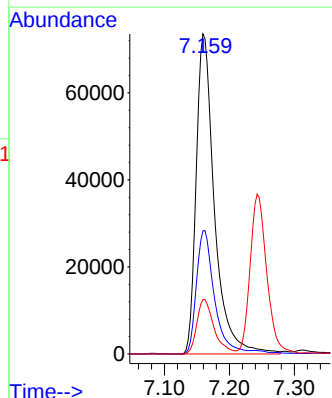
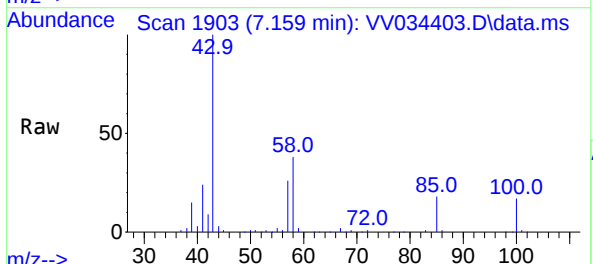
Tgt Ion: 43 Resp: 143865

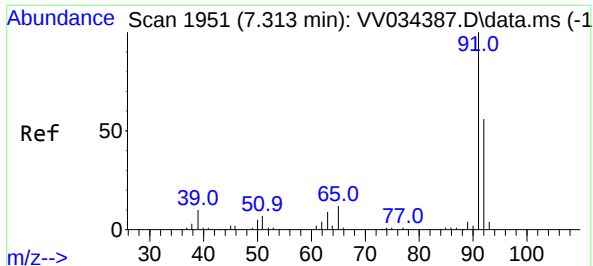
Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 5.122 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

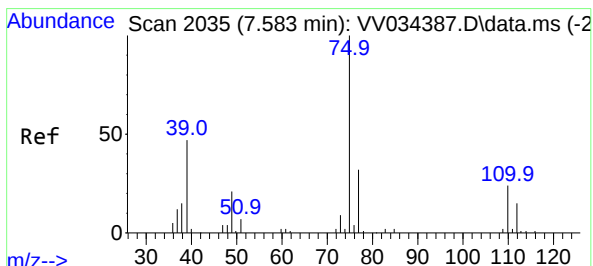
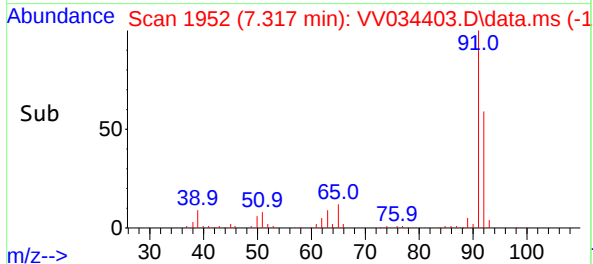
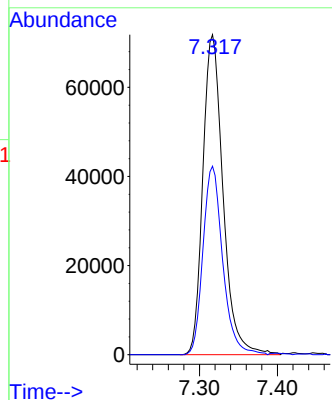
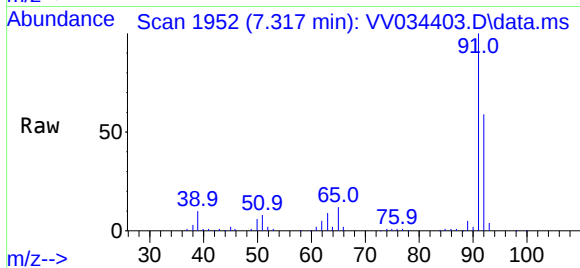
ClientSampleId :

Tgt Ion: 91 Resp: 129397

Ion Ratio Lower Upper

91 100

92 58.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 3.449 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV034403.D

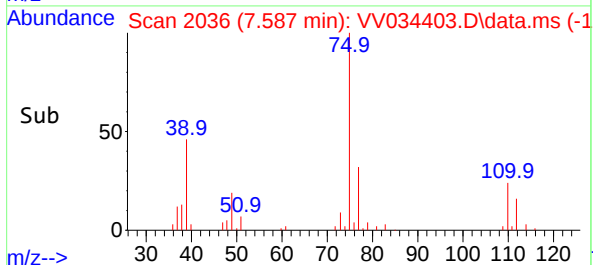
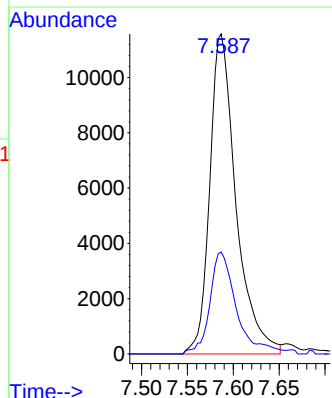
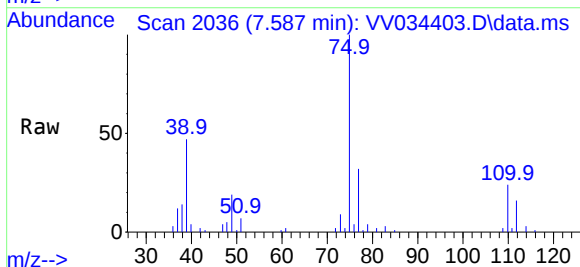
Acq: 24 Feb 2024 17:47

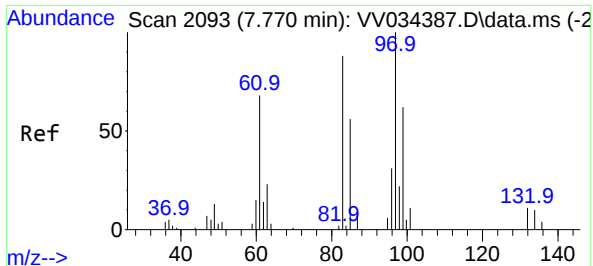
Tgt Ion: 75 Resp: 23071

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.174 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 18293

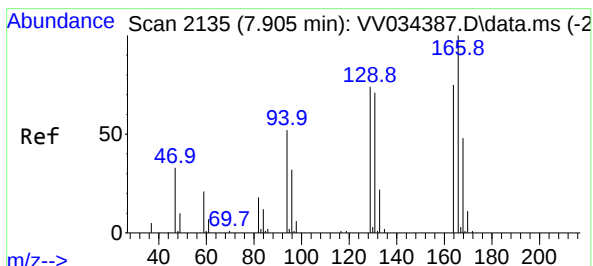
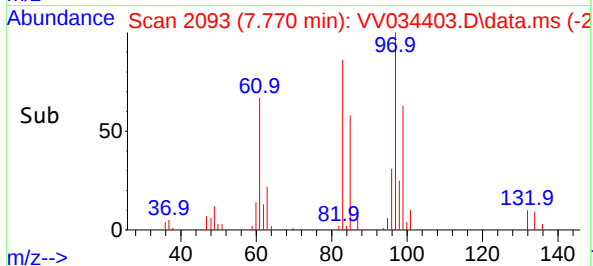
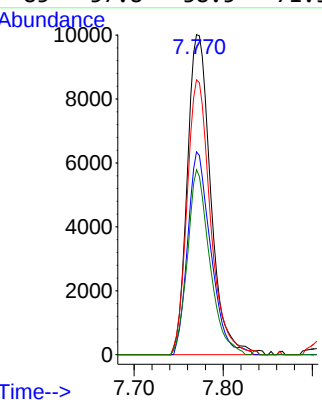
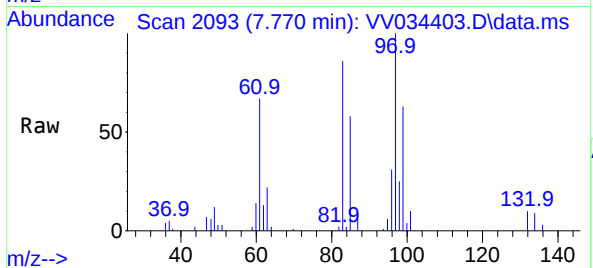
Ion Ratio Lower Upper

97 100

99 63.4 45.6 84.6

83 85.9 62.3 115.7

85 57.8 38.5 71.5



#47

Tetrachloroethene

Concen: 4.587 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034403.D

Acq: 24 Feb 2024 17:47

Tgt Ion:164 Resp: 25496

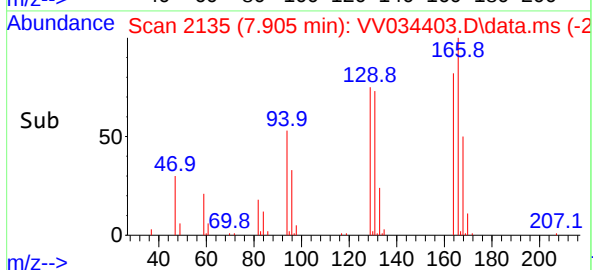
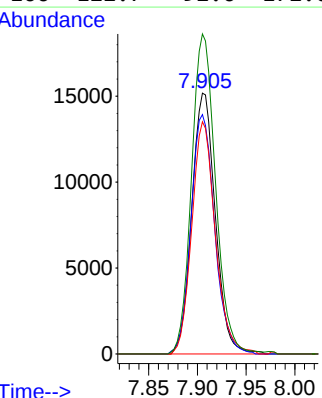
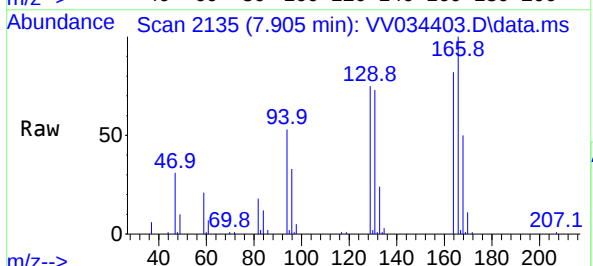
Ion Ratio Lower Upper

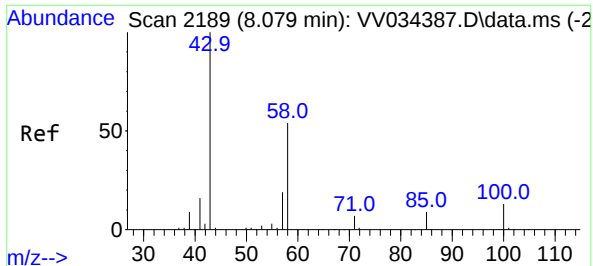
164 100

129 91.8 67.8 125.8

131 89.0 63.0 117.0

166 122.7 92.6 172.0

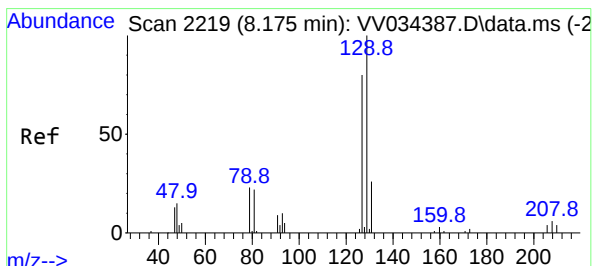
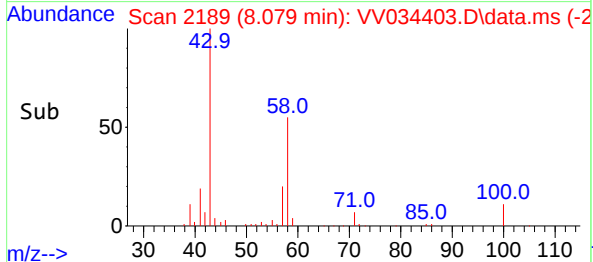
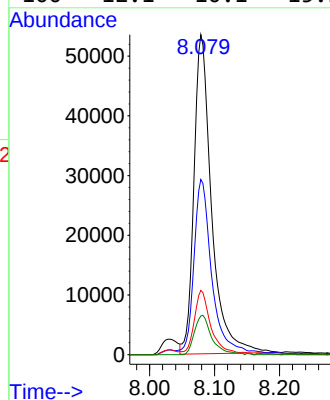
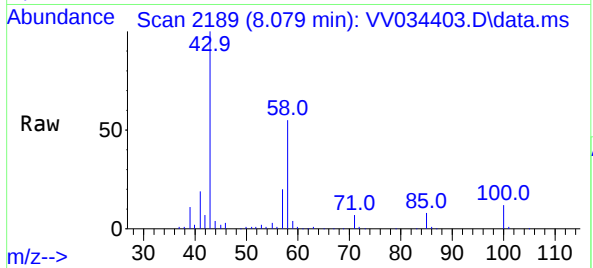




#48
2-Hexanone
Concen: 52.371 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

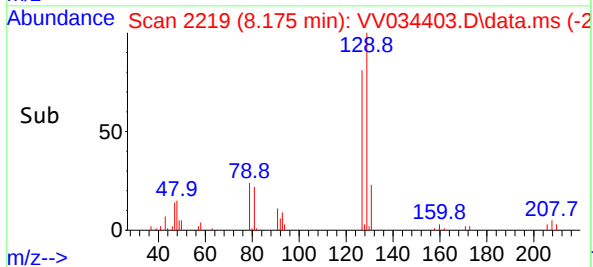
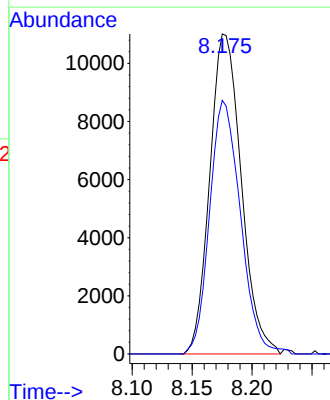
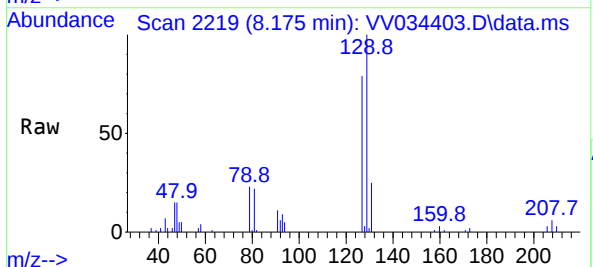
Instrument :
MSVOA_V
ClientSampleId :

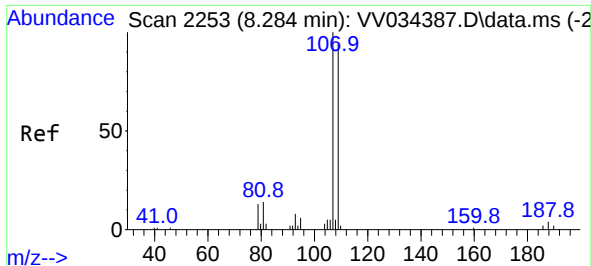
Tgt Ion: 43 Resp: 101223
Ion Ratio Lower Upper
43 100
58 54.8 42.6 64.0
57 19.3 15.5 23.3
100 12.1 10.1 15.1



#49
Dibromochloromethane
Concen: 4.786 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

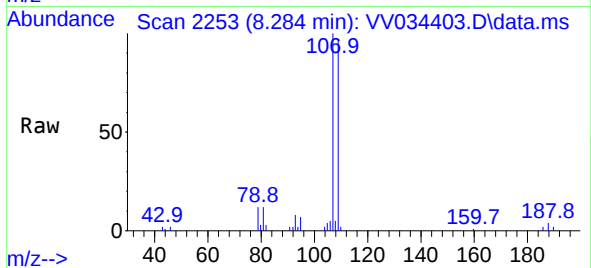
Tgt Ion: 129 Resp: 20109
Ion Ratio Lower Upper
129 100
127 79.3 53.5 99.5



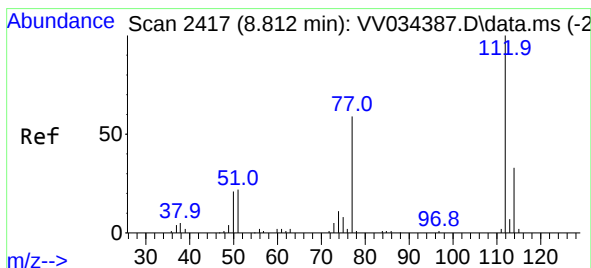
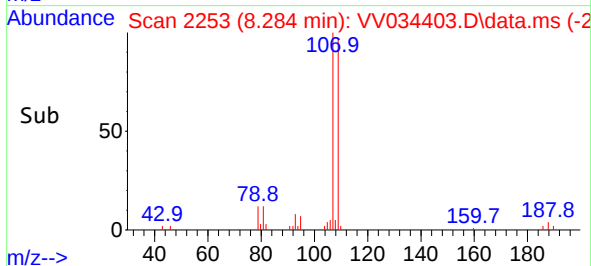
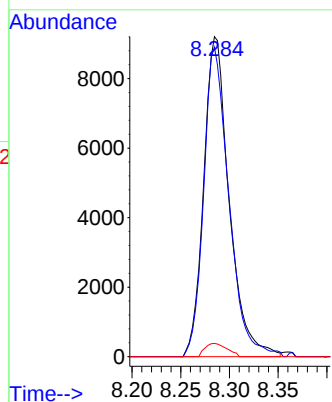


#50
1,2-Dibromoethane
Concen: 5.268 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

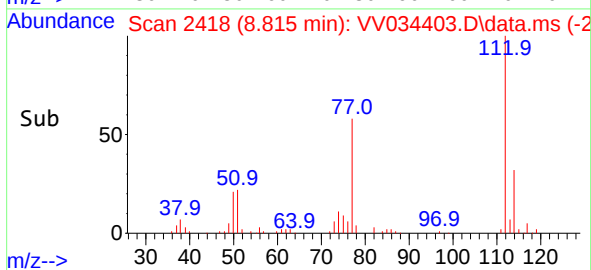
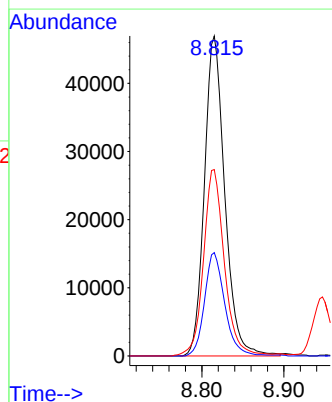
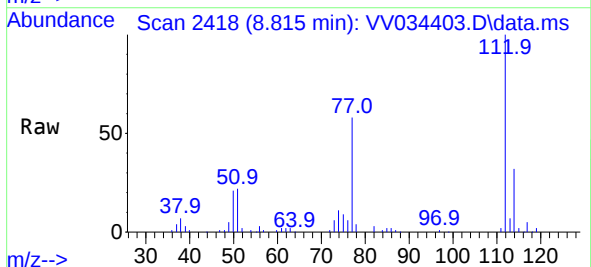


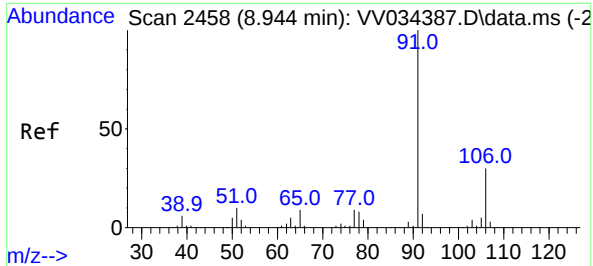
Tgt Ion:107 Resp: 16719
Ion Ratio Lower Upper
107 100
109 96.8 64.5 119.9
188 4.2 2.6 4.0#



#51
Chlorobenzene
Concen: 5.088 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion:112 Resp: 81277
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 58.2 48.1 72.1

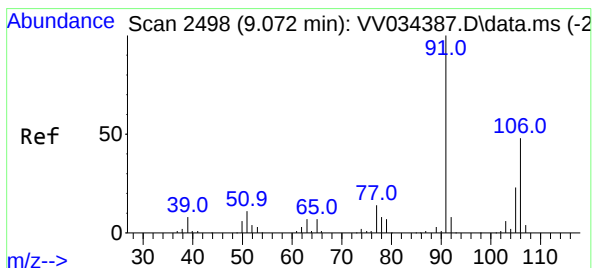
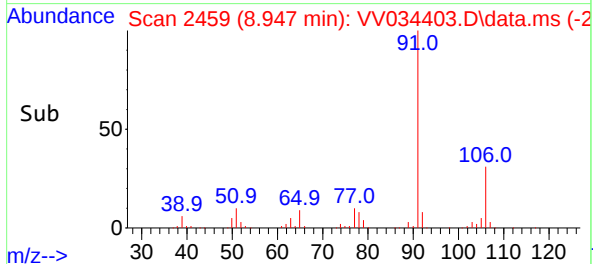
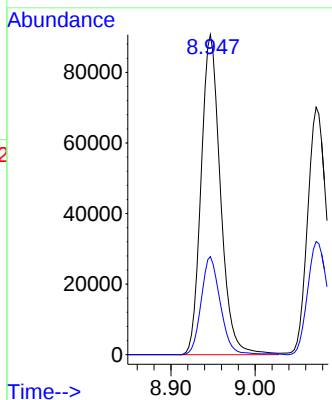
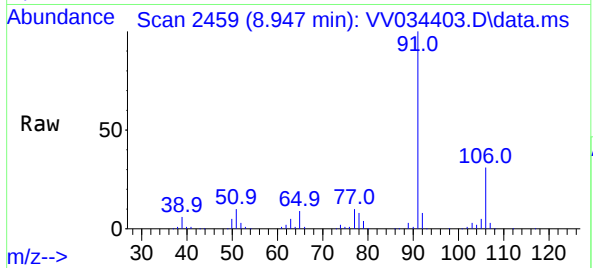




#52
Ethylbenzene
Concen: 4.981 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

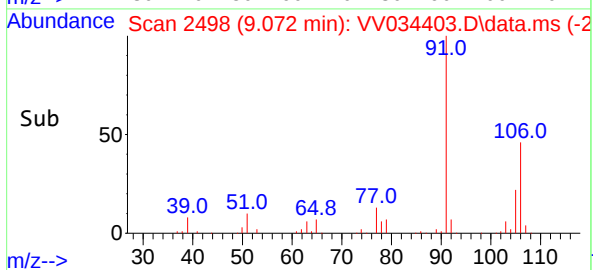
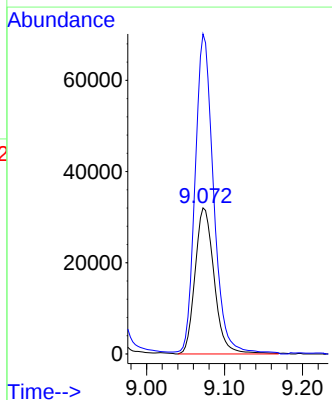
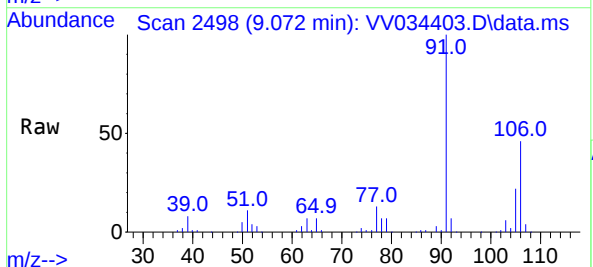
Instrument :
MSVOA_V
ClientSampleId :

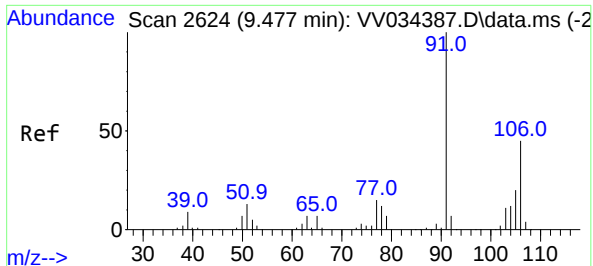
Tgt Ion: 91 Resp: 144868
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.970 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 106 Resp: 54622
Ion Ratio Lower Upper
106 100
91 219.0 147.5 273.9

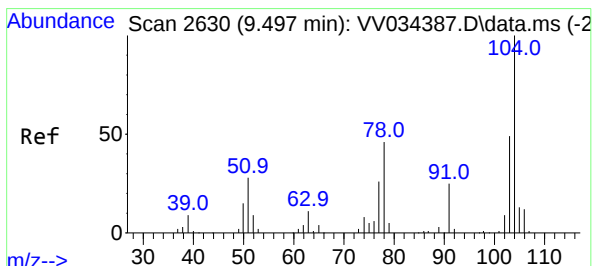
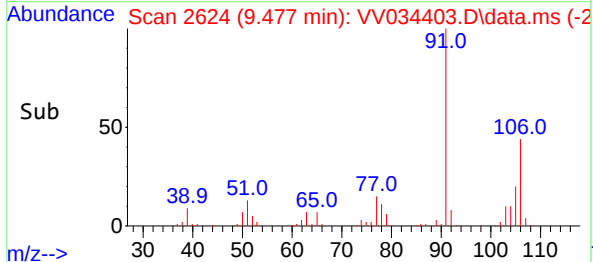
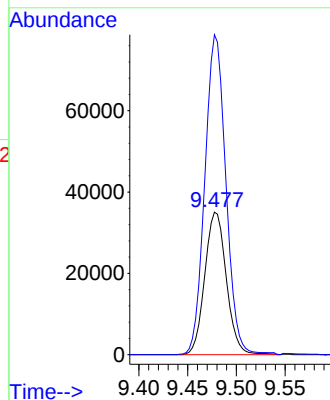
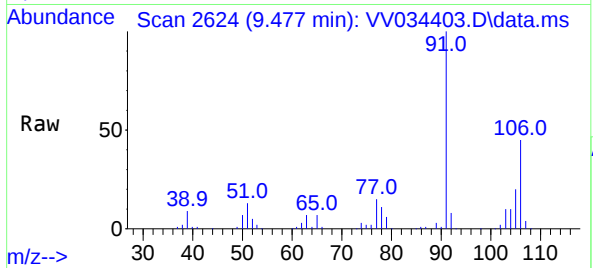




#54
o-Xylene
Concen: 5.097 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

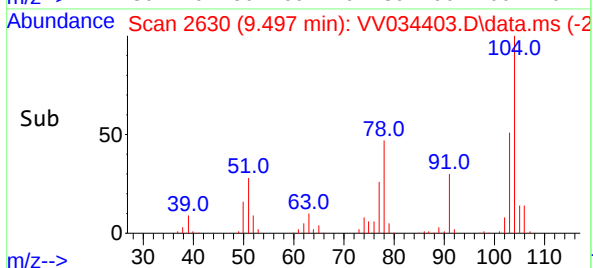
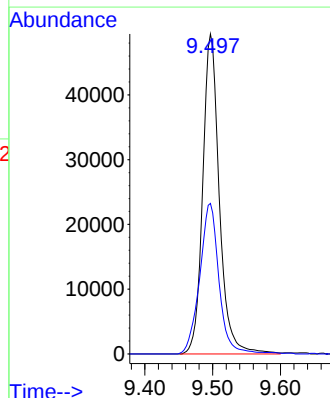
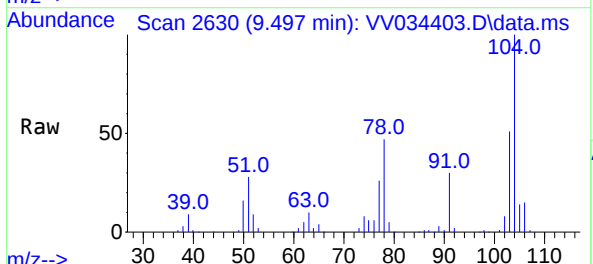
Instrument :
MSVOA_V
ClientSampleId :

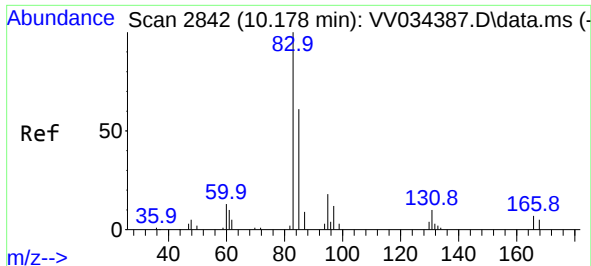
Tgt Ion:106 Resp: 54017
Ion Ratio Lower Upper
106 100
91 224.5 156.2 290.0



#55
Styrene
Concen: 4.965 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion:104 Resp: 84239
Ion Ratio Lower Upper
104 100
78 47.1 32.9 61.1

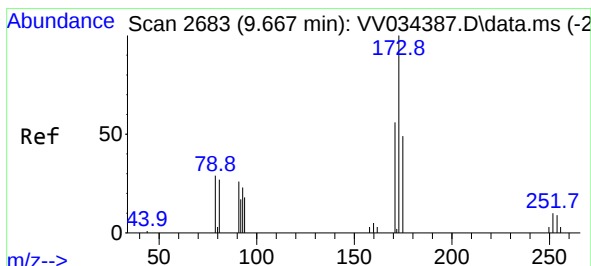
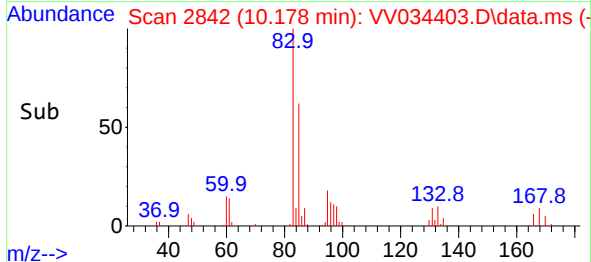
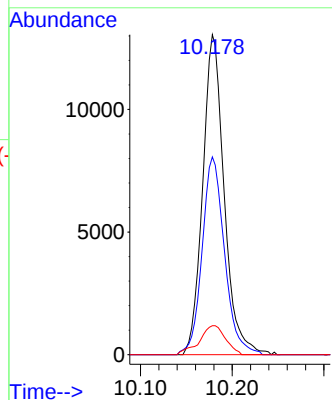
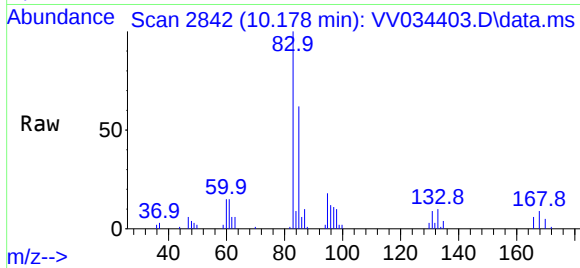




#57
1,1,2,2-Tetrachloroethane
Concen: 5.687 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

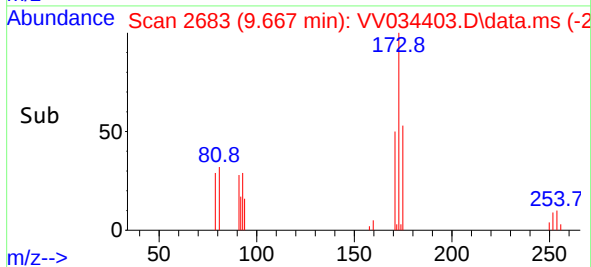
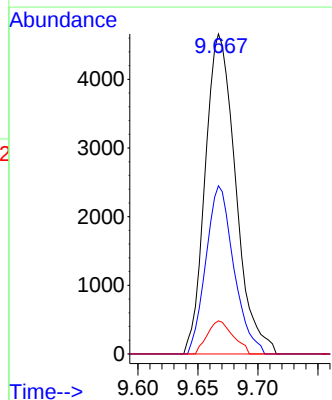
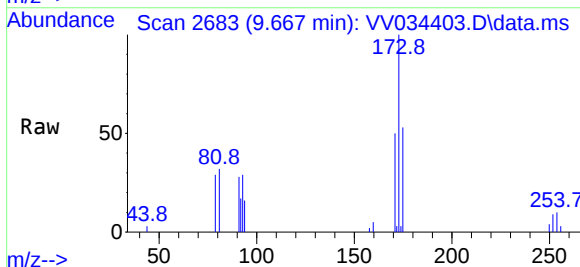
Instrument :
MSVOA_V
ClientSampleId :

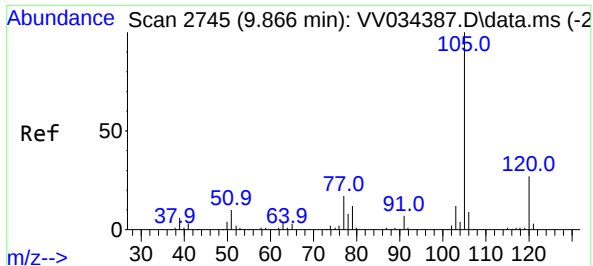
Tgt Ion:	83	Resp:	21223
Ion	Ratio	Lower	Upper
83	100		
85	61.8	46.5	86.3
131	9.0	8.4	12.6



#59
Bromoform
Concen: 3.568 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion:	173	Resp:	8220
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.6	57.8
254	8.7	7.2	10.8



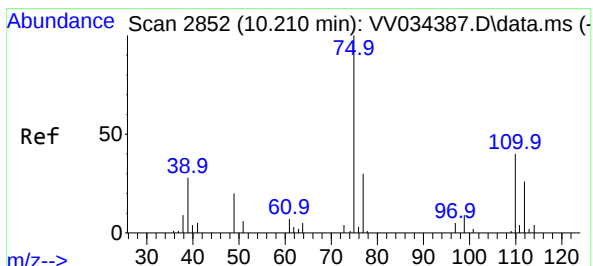
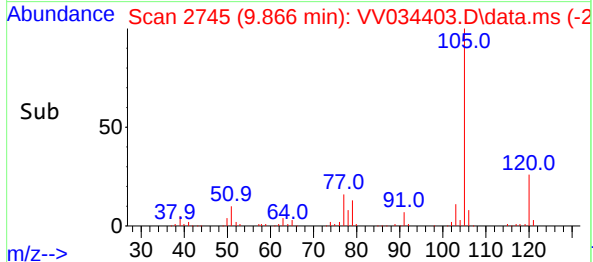
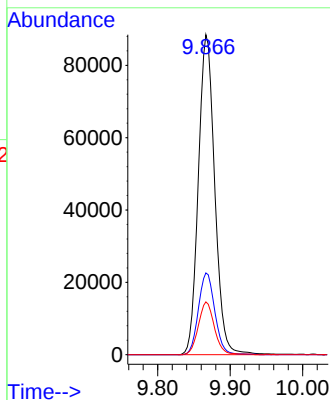
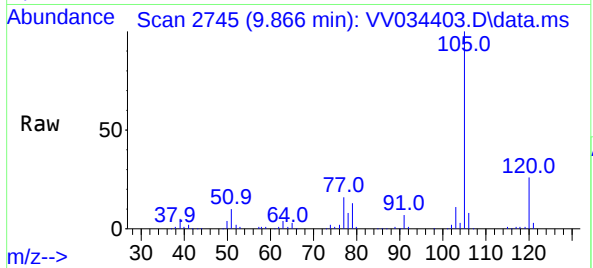


#60
Isopropylbenzene
Concen: 4.489 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 138913

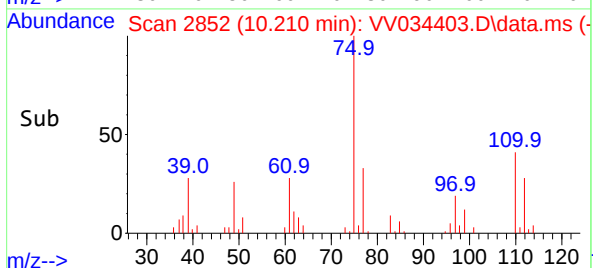
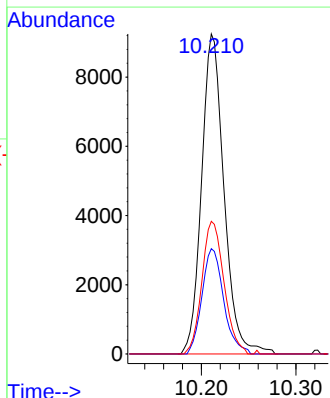
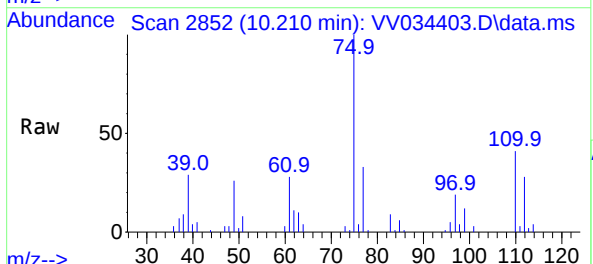
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1
77	16.2	13.0	19.6

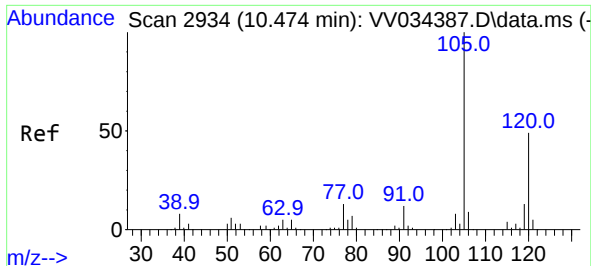


#61
1,2,3-Trichloropropane
Concen: 5.299 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion: 75 Resp: 15235

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.9	40.3
110	40.9	33.3	49.9

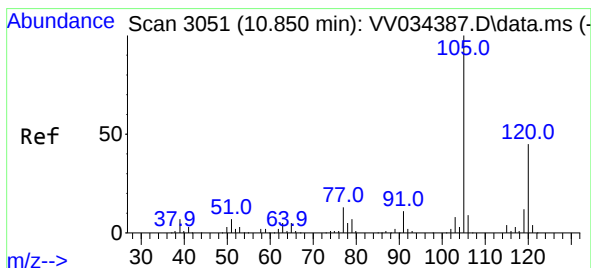
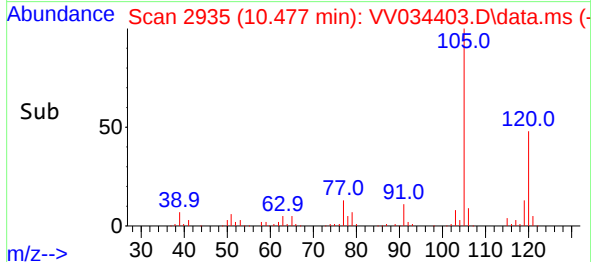
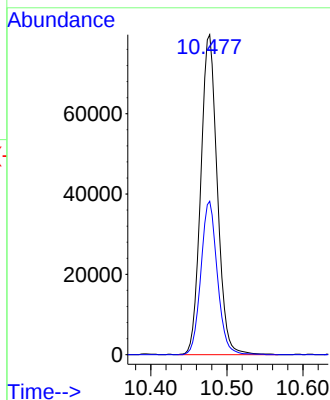
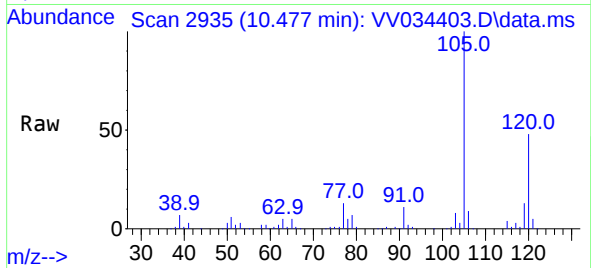




#62
1,3,5-Trimethylbenzene
Concen: 4.594 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

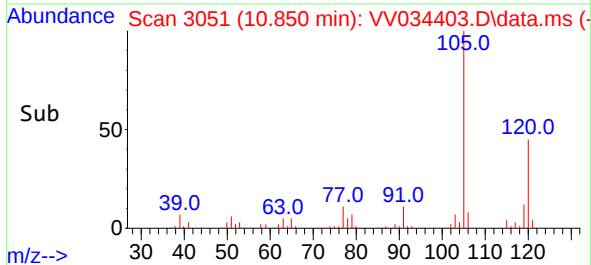
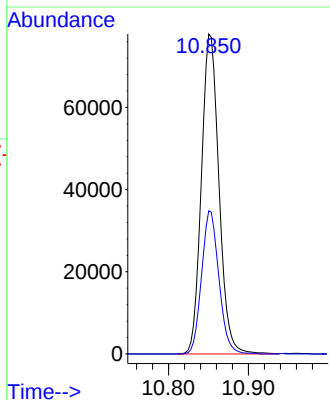
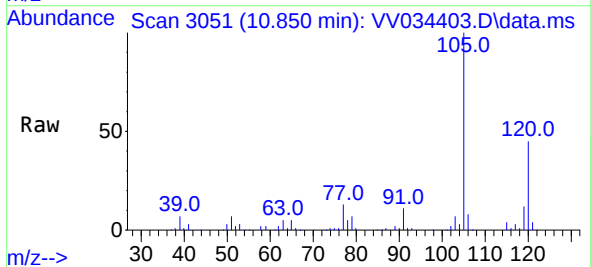
Instrument :
MSVOA_V
ClientSampleId :

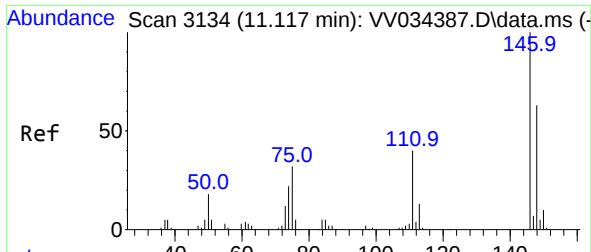
Tgt Ion:105 Resp: 120196
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.693 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

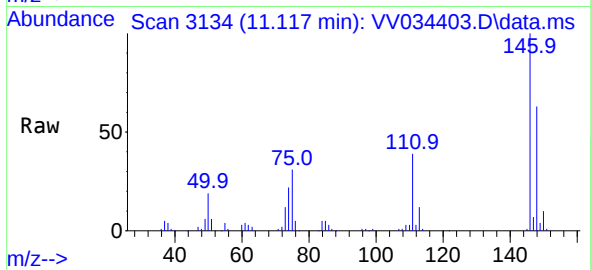
Tgt Ion:105 Resp: 119309
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.2



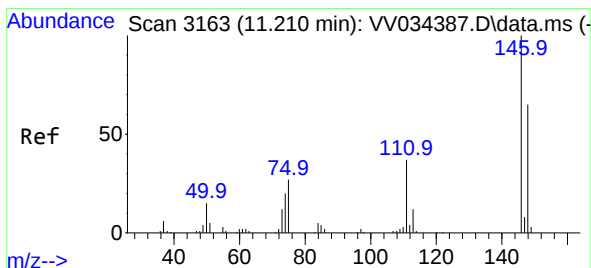
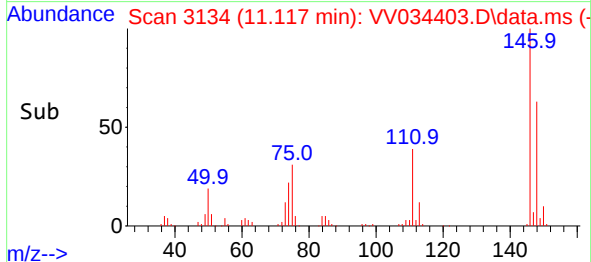
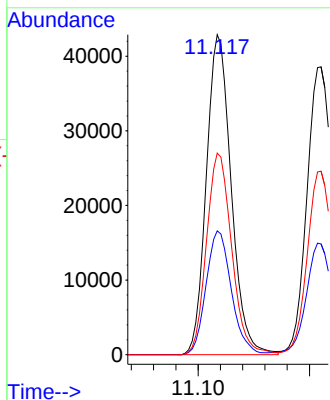


#64
1,3-Dichlorobenzene
Concen: 4.933 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

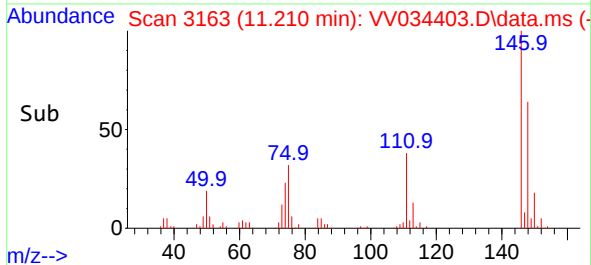
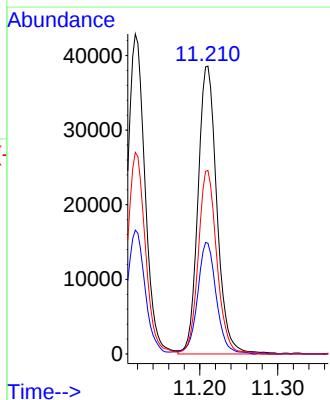
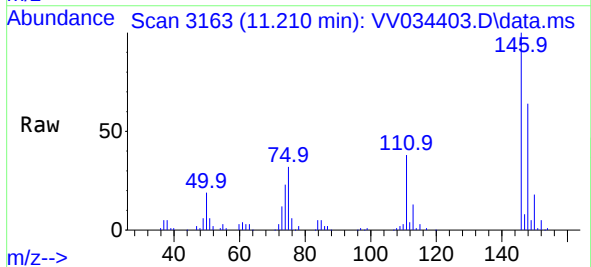


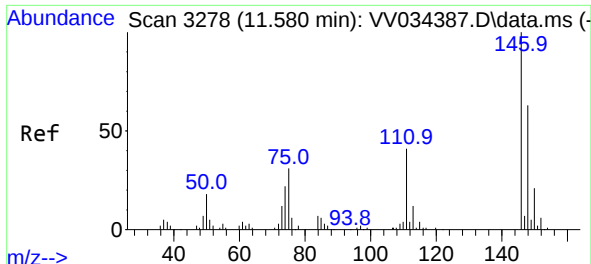
Tgt Ion:146 Resp: 66560
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 63.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.872 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

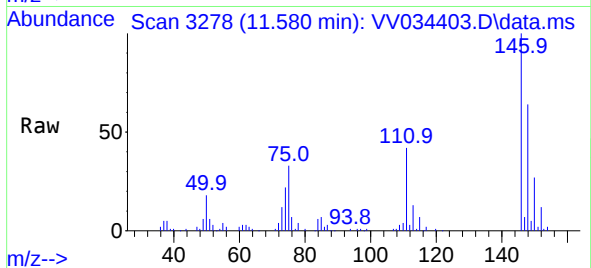
Tgt Ion:146 Resp: 65101
Ion Ratio Lower Upper
146 100
111 38.5 27.6 51.4
148 63.8 44.8 83.2



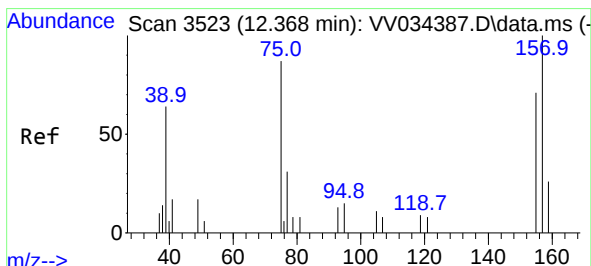
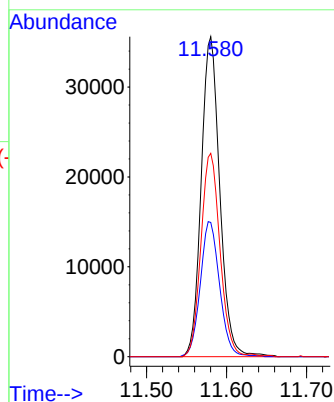
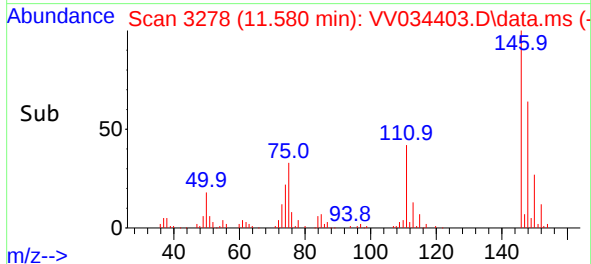


#67
1,2-Dichlorobenzene
Concen: 4.979 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

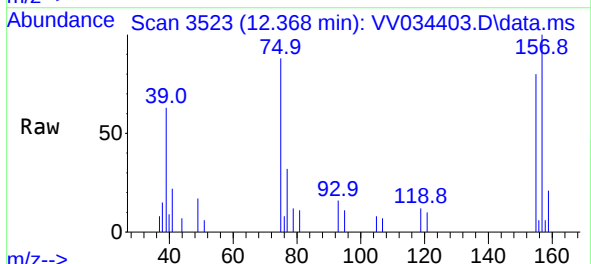
Instrument :
MSVOA_V
ClientSampleId :



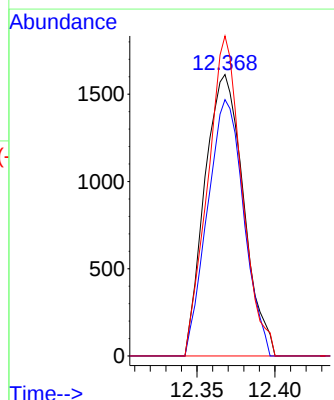
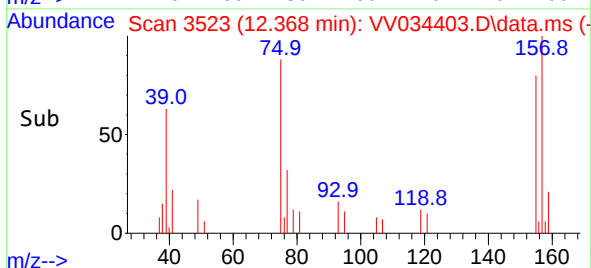
Tgt Ion:146 Resp: 57698
Ion Ratio Lower Upper
146 100
111 42.0 31.2 46.8
148 63.5 49.8 74.8

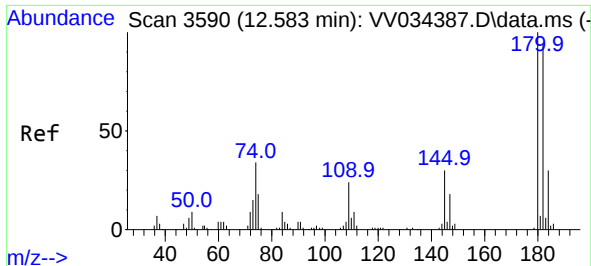


#68
1,2-Dibromo-3-chloropropane
Concen: 4.622 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47



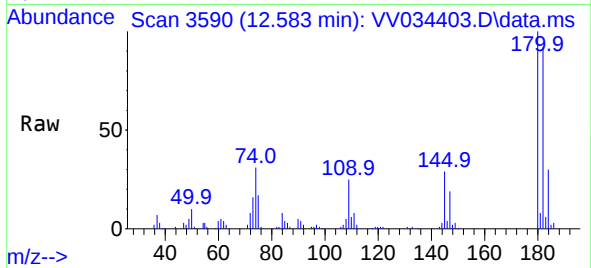
Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
155 91.1 68.9 103.3
157 113.7 84.6 127.0



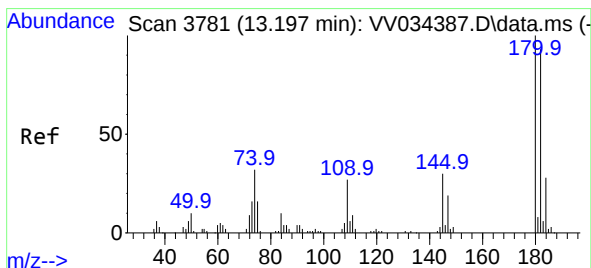
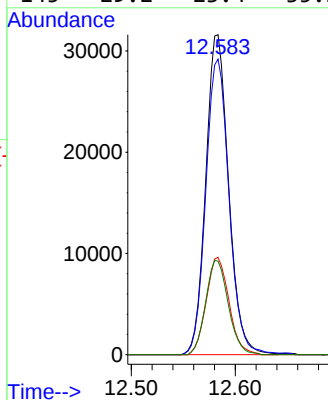
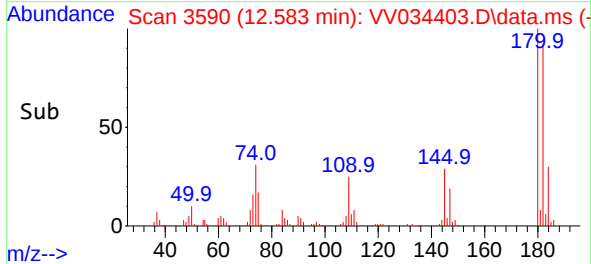


#69
1,3,5-Trichlorobenzene
Concen: 4.623 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

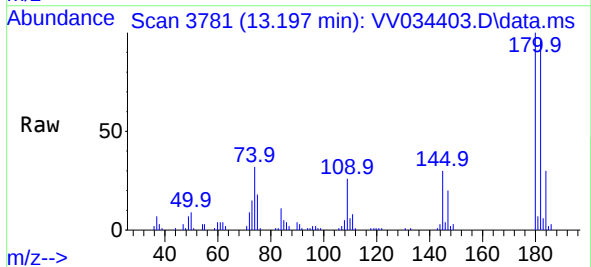
Instrument :
MSVOA_V
ClientSampleId :



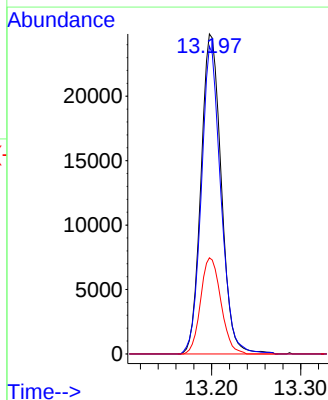
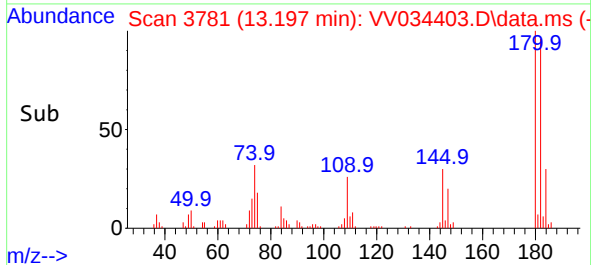
Tgt Ion:180 Resp: 48277
Ion Ratio Lower Upper
180 100
182 94.2 77.0 115.4
184 30.3 23.8 35.6
145 29.2 23.4 35.2

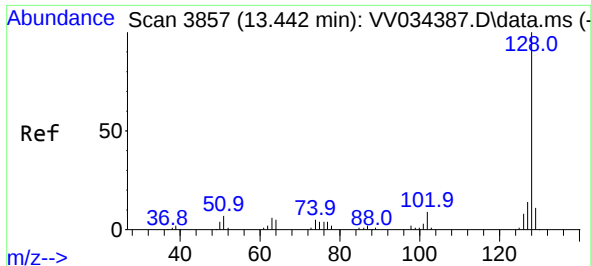


#70
1,2,4-trichlorobenzene
Concen: 4.802 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47



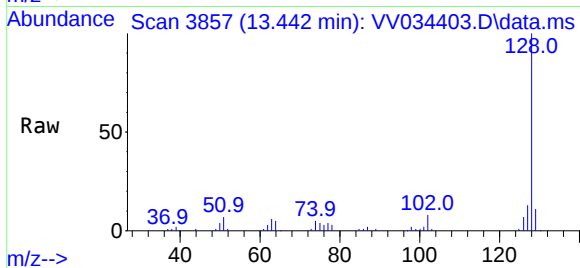
Tgt Ion:180 Resp: 39148
Ion Ratio Lower Upper
180 100
182 93.1 76.8 115.2
145 30.1 24.8 37.2



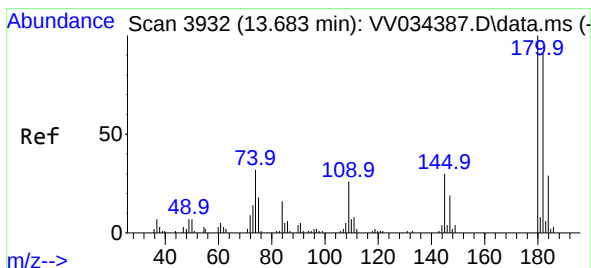
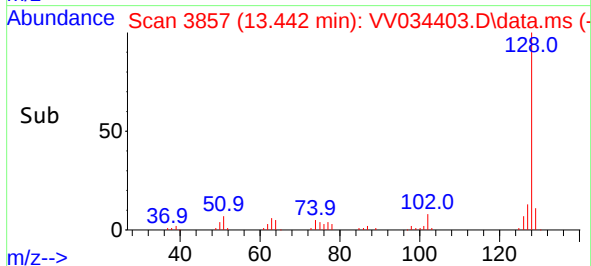
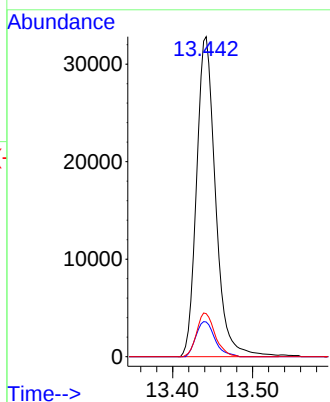


#71
Naphthalene
Concen: 5.073 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 54193
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.002 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034403.D
Acq: 24 Feb 2024 17:47

Tgt Ion:180 Resp: 32671
Ion Ratio Lower Upper
180 100
182 96.5 75.0 112.6
145 32.7 25.2 37.8

