

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034333.D
 Acq On : 22 Feb 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	77427	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	68986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24979	4.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.535	69	23675	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	11993	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.828	46	48923	48.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.249	84	55831	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.944	65	26026	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.960	84	98129	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.989	67	27039	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.243	98	87336	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.558	79	8672	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.027	63	36029	46.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17471	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	29129	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30431	4.289	ug/L	97
3) Chloromethane	1.217	50	37932	4.901	ug/L	95
5) Vinyl chloride	1.285	62	34428	4.655	ug/L	90
6) Bromomethane	1.490	94	13934	3.578	ug/L	98
8) Chloroethane	1.552	64	24041	4.765	ug/L	96
9) Trichlorofluoromethane	1.716	101	58423	5.482	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28870	5.182	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30064	5.558	ug/L	93
13) Acetone	2.388	43	7474	9.782	ug/L	93
14) Carbon disulfide	2.240	76	84000	4.800	ug/L	99
15) Methyl Acetate	2.388	43	9221	5.100	ug/L #	86
16) Methylene chloride	2.445	84	29710	5.725	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	61960	5.575	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29713	5.393	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57283	5.659	ug/L	96
21) 2-Butanone	3.902	43	14198	14.062	ug/L #	1
22) cis-1,2-Dichloroethene	3.815	96	32264	5.162	ug/L	98
23) Bromochloromethane	4.150	128	12492	5.749	ug/L	96
25) Chloroform	4.275	83	59532	5.818	ug/L	94

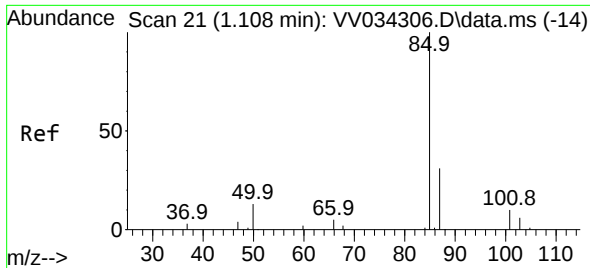
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33411	5.702	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	55454	5.987	ug/L	99
30) Cyclohexane	4.580	56	43952	4.879	ug/L	99
31) Carbon tetrachloride	4.735	117	47119	5.814	ug/L	98
33) Benzene	5.008	78	120905	5.843	ug/L	100
34) Trichloroethene	5.831	95	31198	5.210	ug/L	98
35) Methylcyclohexane	6.050	83	42745	4.547	ug/L	97
37) 1,2-Dichloropropane	6.092	63	28191	5.625	ug/L	99
38) Bromodichloromethane	6.432	83	38009	5.777	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	34519	4.526	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	127644	53.183	ug/L	98
42) Toluene	7.313	91	127508	5.766	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	26391	4.507	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	17165	5.546	ug/L	94
47) Tetrachloroethene	7.902	164	24492	5.034	ug/L	96
48) 2-Hexanone	8.079	43	84113	49.718	ug/L	99
49) Dibromochloromethane	8.175	129	20445	5.559	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15411	5.548	ug/L	100
51) Chlorobenzene	8.812	112	78040	5.582	ug/L	99
52) Ethylbenzene	8.944	91	139623	5.485	ug/L	100
53) m,p-Xylene	9.072	106	53207	5.531	ug/L	99
54) o-Xylene	9.477	106	52553	5.666	ug/L	99
55) Styrene	9.497	104	79824	5.375	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	17908	5.482	ug/L	93
59) Bromoform	9.667	173	9311	5.093	ug/L	97
60) Isopropylbenzene	9.866	105	129950	5.292	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12785	5.604	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	112598	5.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	110145	5.461	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	60310	5.633	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	56948	5.371	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	52064	5.662	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2465	5.155	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	41846	5.050	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	31393	4.853	ug/L	99
71) Naphthalene	13.439	128	40878	4.823	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26413	5.096	ug/L	98

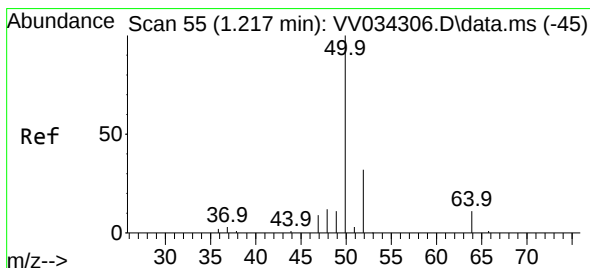
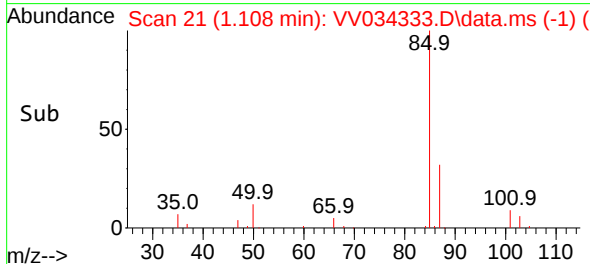
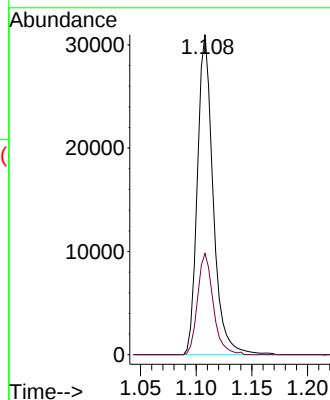
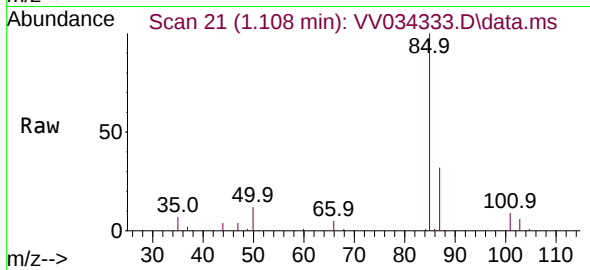
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.289 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

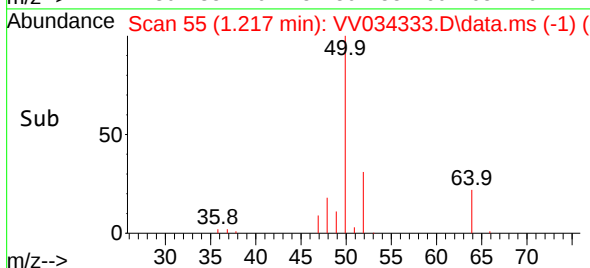
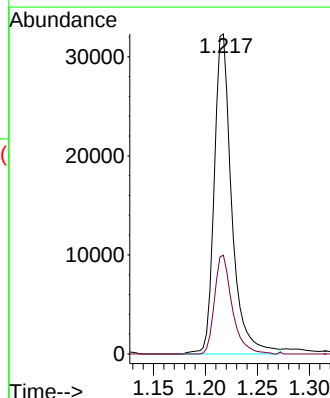
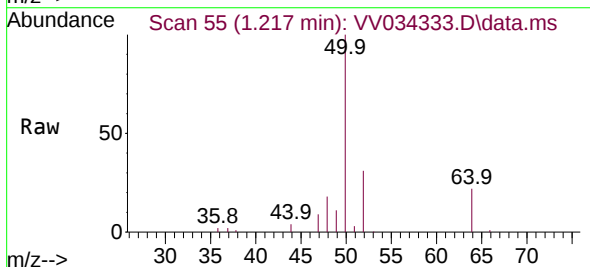
Instrument :
 MSVOA_V
 ClientSampleId :

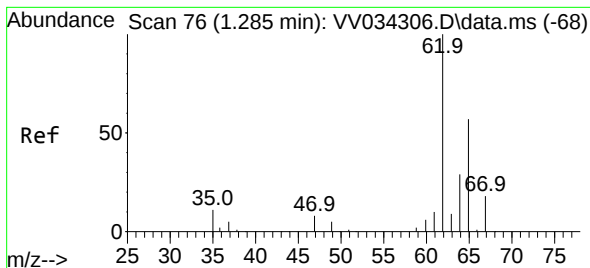
Tgt Ion: 85 Resp: 30431
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.901 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Tgt Ion: 50 Resp: 37932
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.4 43.4





#5

Vinyl chloride

Concen: 4.655 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

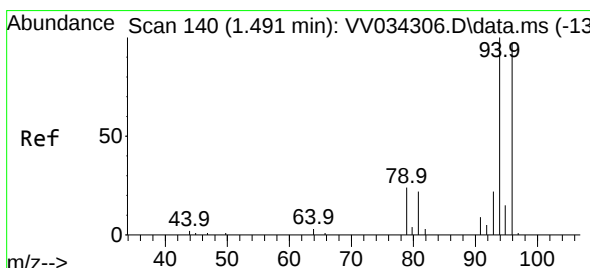
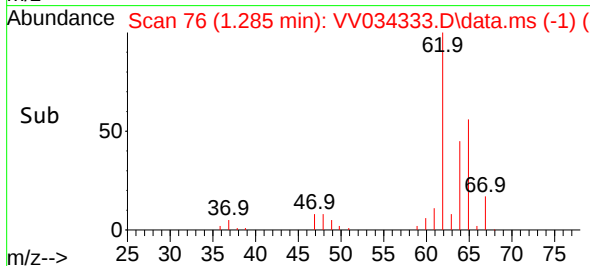
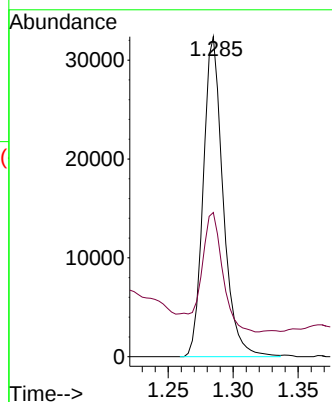
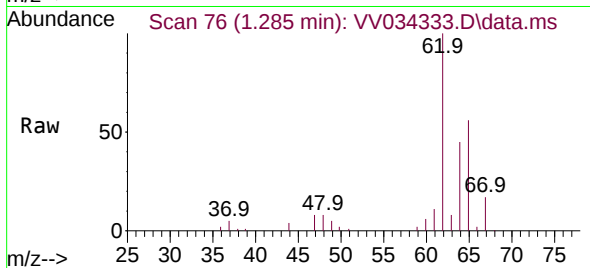
ClientSampleId :

Tgt Ion: 62 Resp: 34428

Ion Ratio Lower Upper

62 100

64 45.1 27.2 50.4



#6

Bromomethane

Concen: 3.578 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034333.D

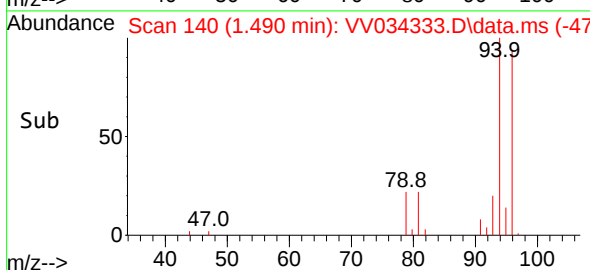
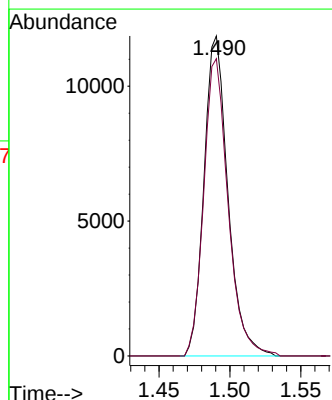
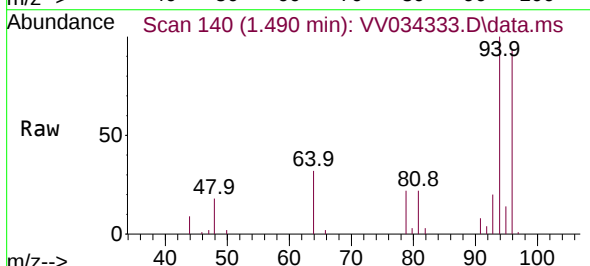
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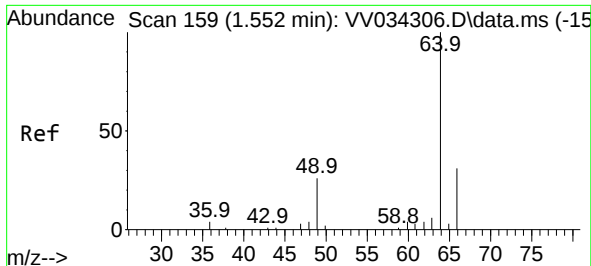
Tgt Ion: 94 Resp: 13934

Ion Ratio Lower Upper

94 100

96 92.9 66.6 123.8

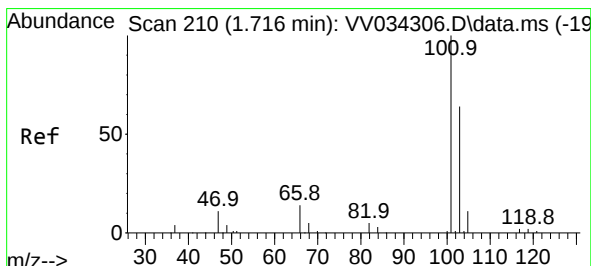
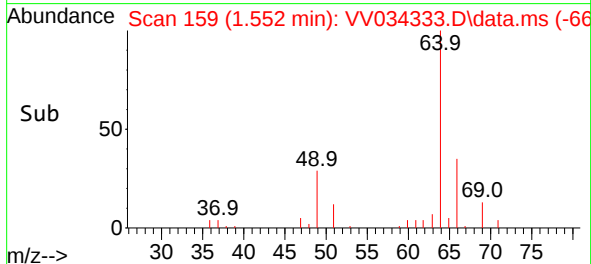
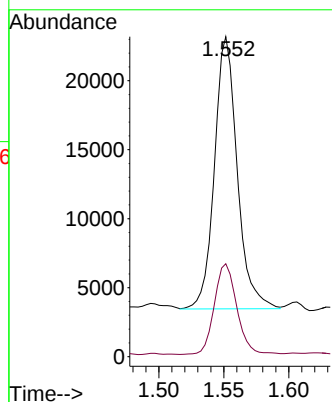
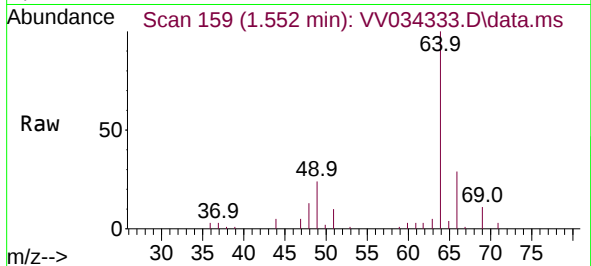




#8
Chloroethane
Concen: 4.765 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

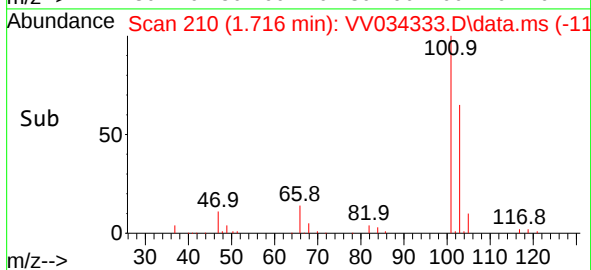
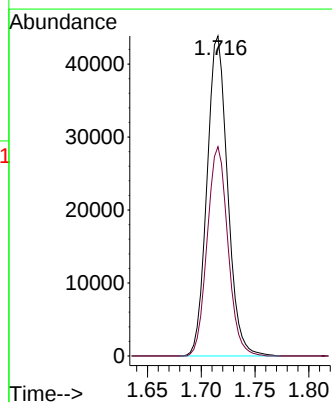
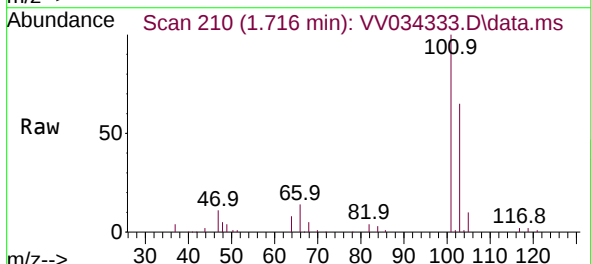
Instrument :
MSVOA_V
ClientSampleId :

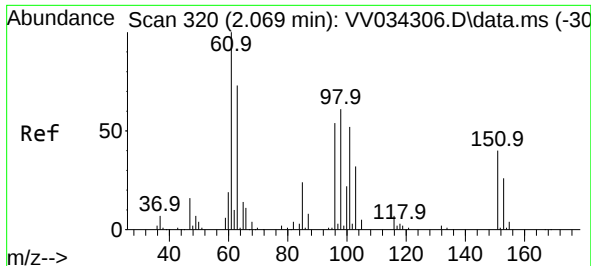
Tgt Ion: 64 Resp: 24041
Ion Ratio Lower Upper
64 100
66 29.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.482 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion:101 Resp: 58423
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4

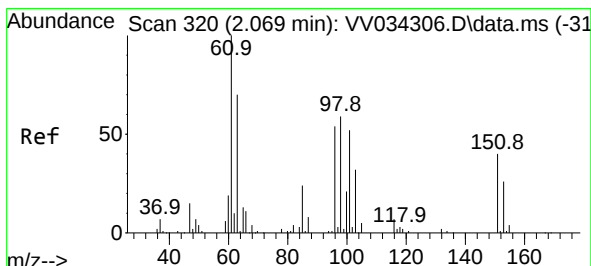
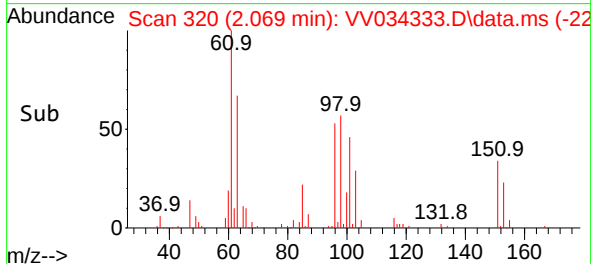
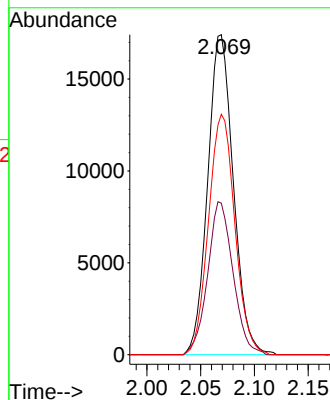
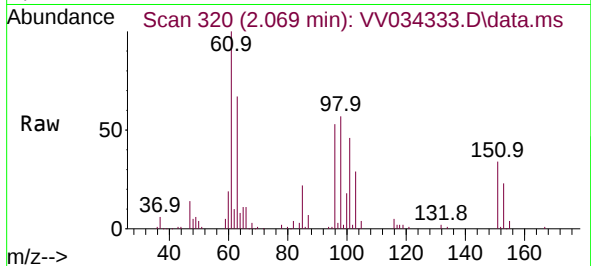




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.182 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

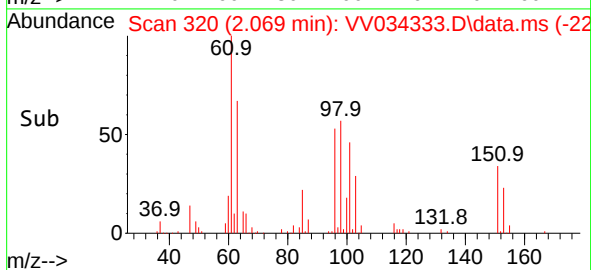
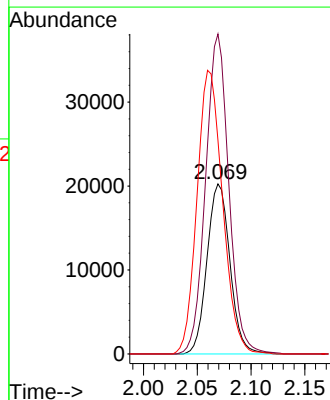
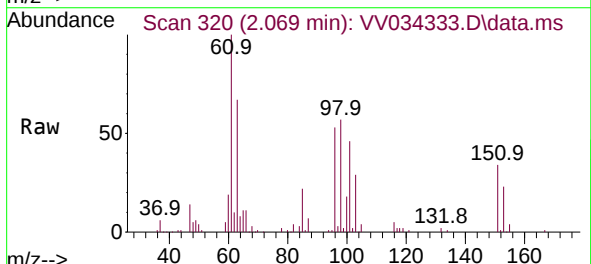
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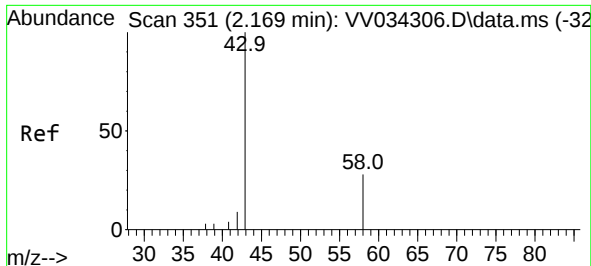
Tgt Ion:101 Resp: 28870
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.1 55.7
 151 77.2 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.558 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Tgt Ion: 96 Resp: 30064
 Ion Ratio Lower Upper
 96 100
 61 188.1 128.8 239.2
 63 125.6 97.9 181.9





#13

Acetone

Concen: 9.782 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.219 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

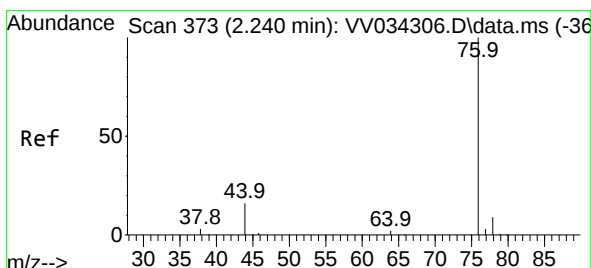
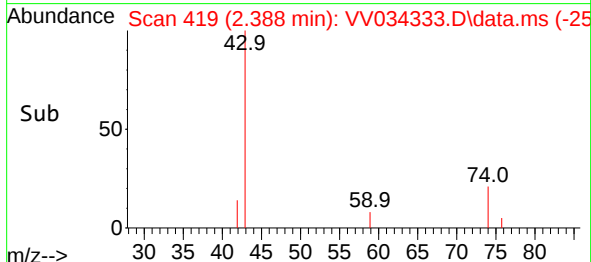
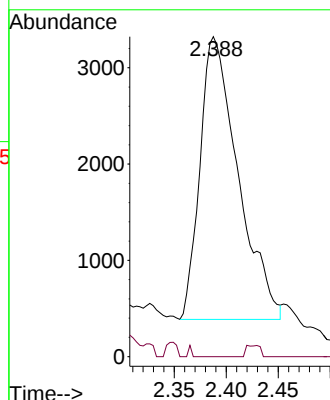
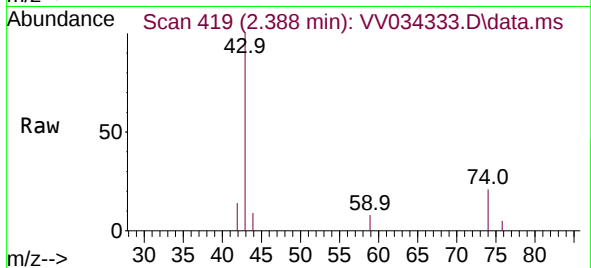
ClientSampleId :

Tgt Ion: 43 Resp: 7474

Ion Ratio Lower Upper

43 100

58 4.5 0.0 13.8



#14

Carbon disulfide

Concen: 4.800 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034333.D

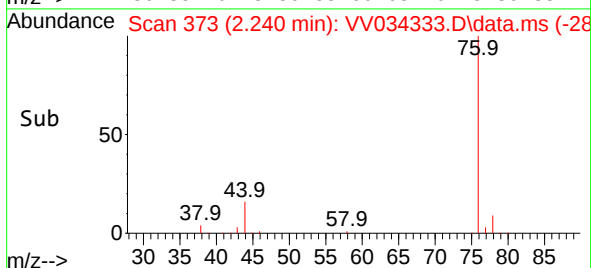
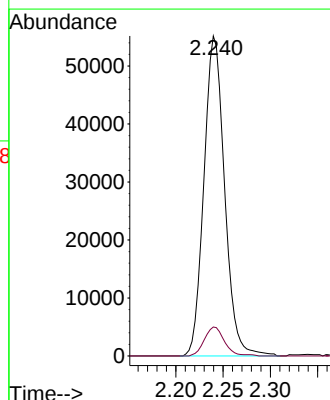
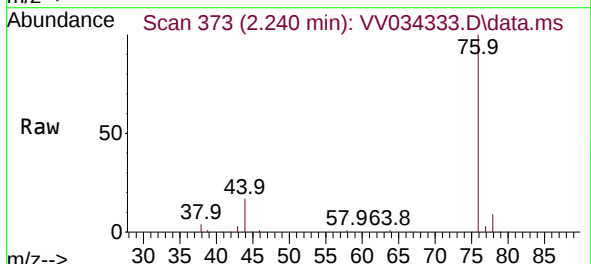
Acq: 22 Feb 2024 08:52

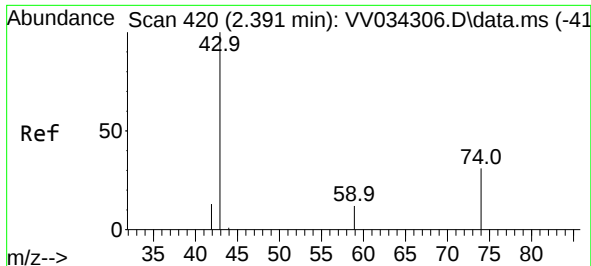
Tgt Ion: 76 Resp: 84000

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.100 ug/L

RT: 2.388 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

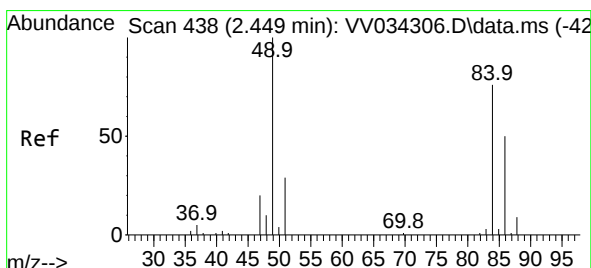
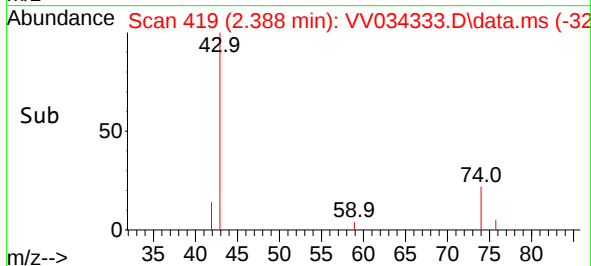
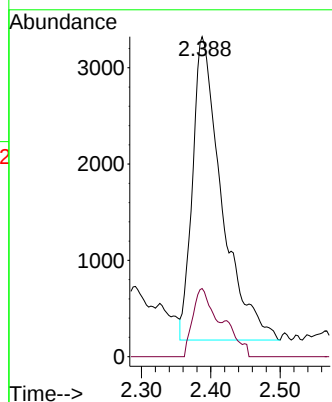
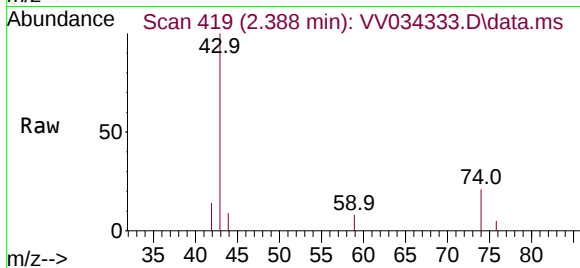
ClientSampleId :

Tgt Ion: 43 Resp: 9221

Ion Ratio Lower Upper

43 100

74 15.9 18.2 27.4#



#16

Methylene chloride

Concen: 5.725 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

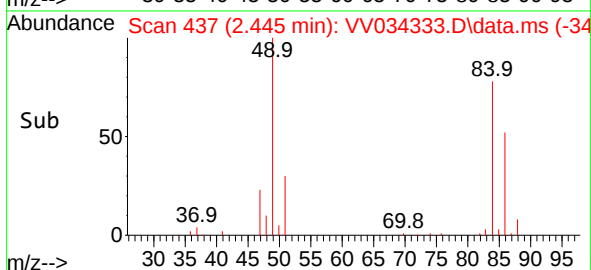
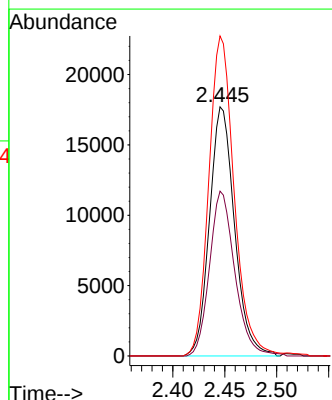
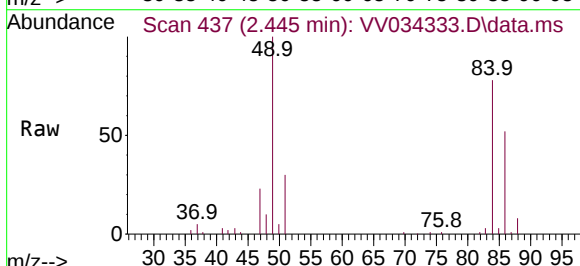
Tgt Ion: 84 Resp: 29710

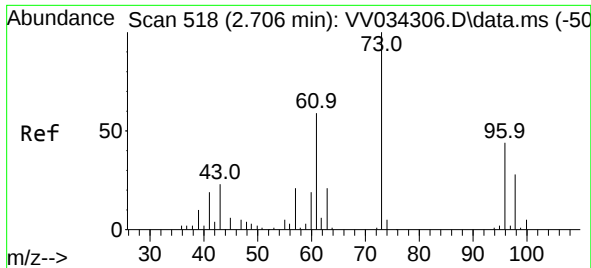
Ion Ratio Lower Upper

84 100

86 66.2 44.7 83.1

49 128.4 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.575 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

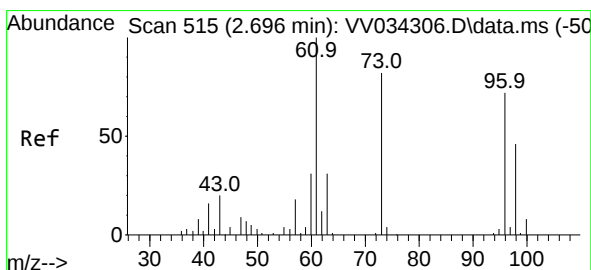
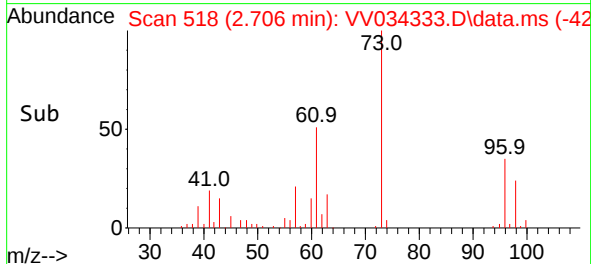
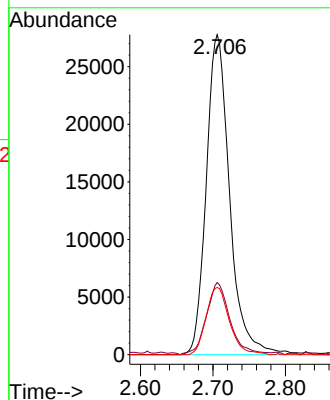
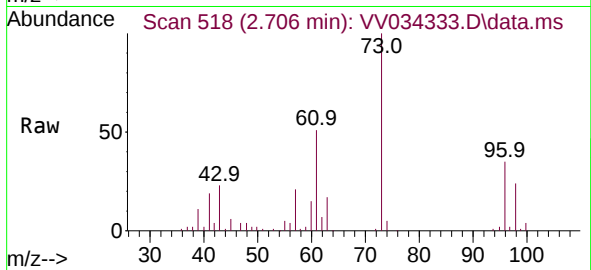
Tgt Ion: 73 Resp: 61960

Ion Ratio Lower Upper

73 100

43 22.9 17.7 26.5

57 21.0 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.393 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

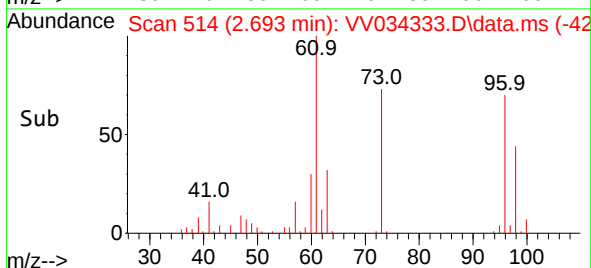
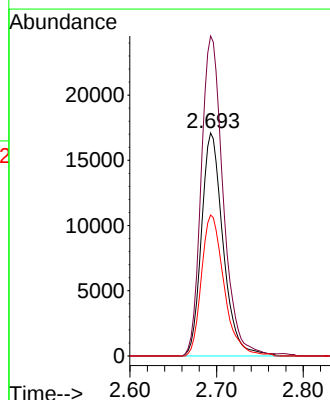
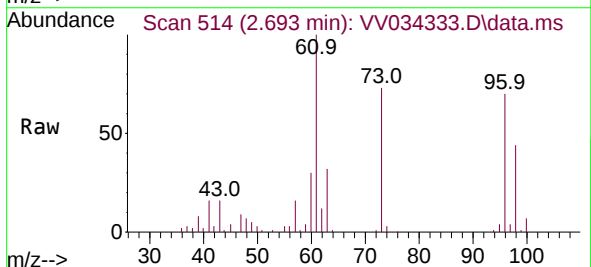
Tgt Ion: 96 Resp: 29713

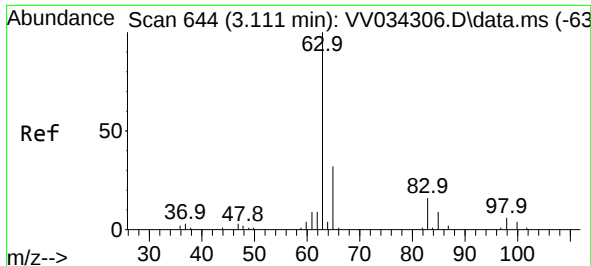
Ion Ratio Lower Upper

96 100

61 143.5 97.6 181.4

98 63.2 44.4 82.5

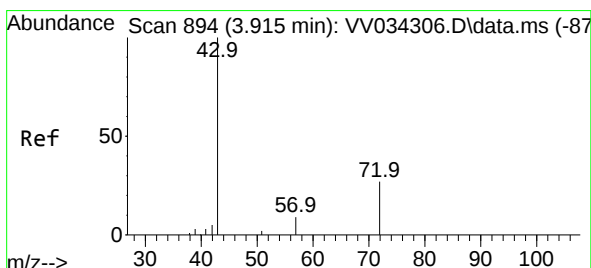
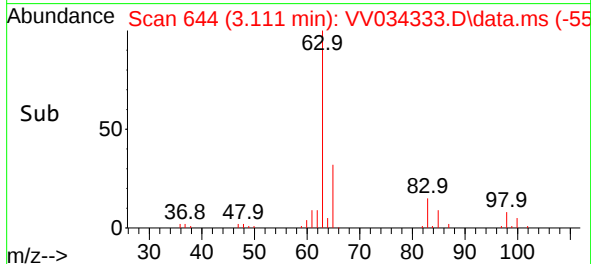
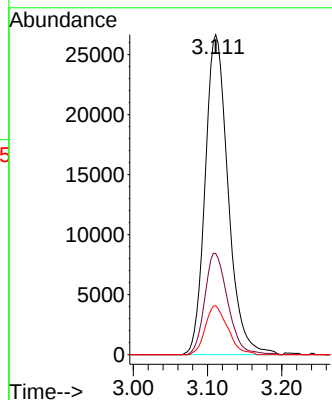
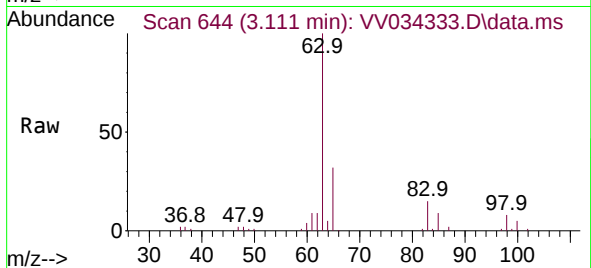




#19
1,1-Dichloroethane
Concen: 5.659 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

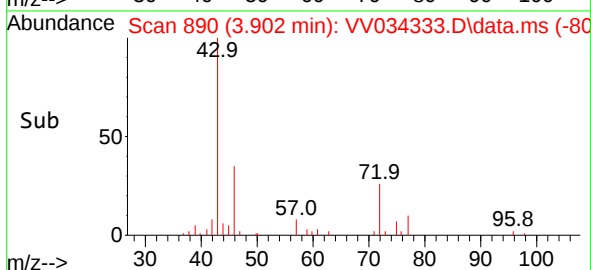
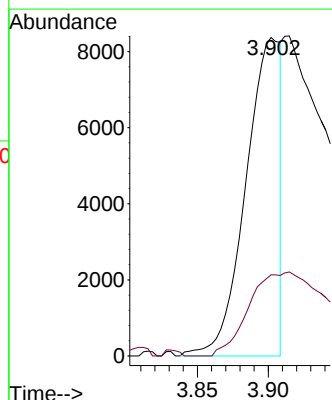
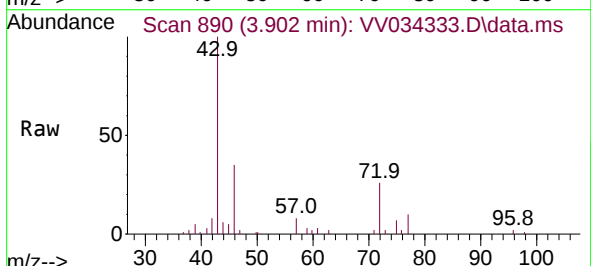
Instrument :
MSVOA_V
ClientSampleId :

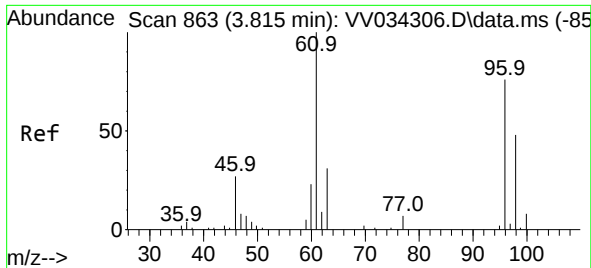
Tgt Ion:	63	Resp:	57283
Ion	Ratio	Lower	Upper
63	100		
65	31.6	20.8	38.6
83	15.3	9.4	17.4



#21
2-Butanone
Concen: 14.062 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.013 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

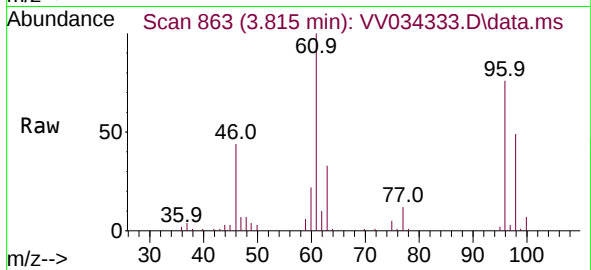
Tgt Ion:	43	Resp:	14198
Ion	Ratio	Lower	Upper
43	100		
72	62.4	4.0	11.9#





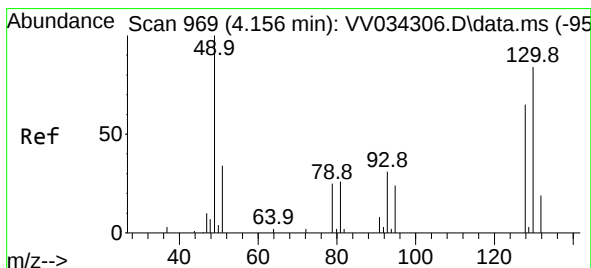
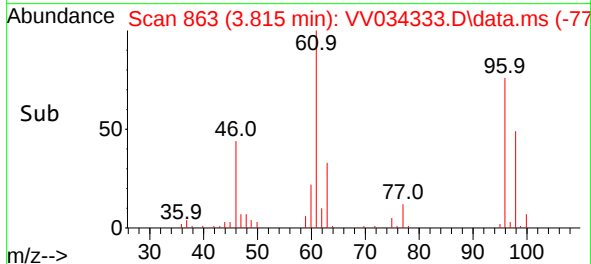
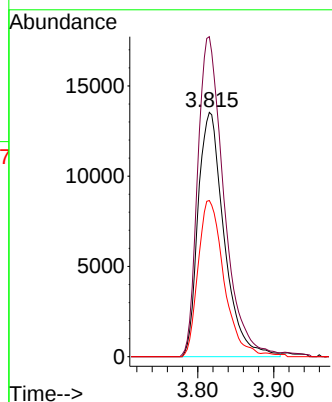
#22
 cis-1,2-Dichloroethene
 Concen: 5.162 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 32264

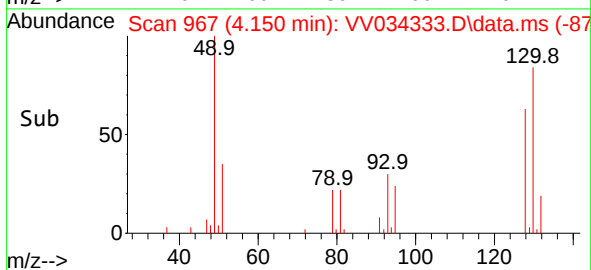
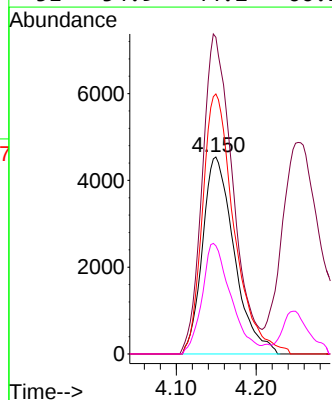
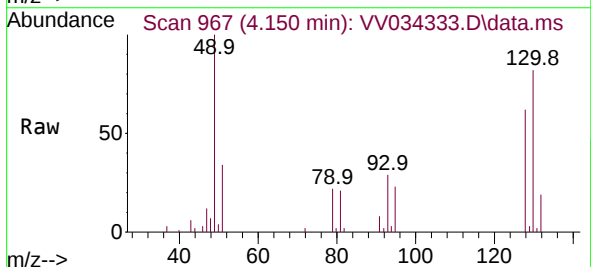
Ion	Ratio	Lower	Upper
96	100		
61	131.0	90.3	167.7
98	63.9	43.2	80.2

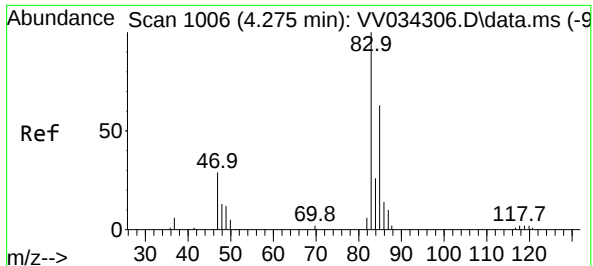


#23
 Bromochloromethane
 Concen: 5.749 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.007 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Tgt Ion: 128 Resp: 12492

Ion	Ratio	Lower	Upper
128	100		
49	160.8	120.5	223.7
130	132.0	93.4	173.4
51	54.9	44.2	66.2

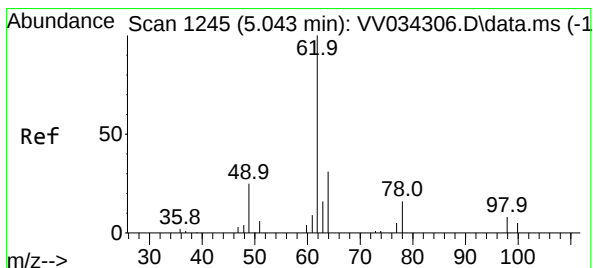
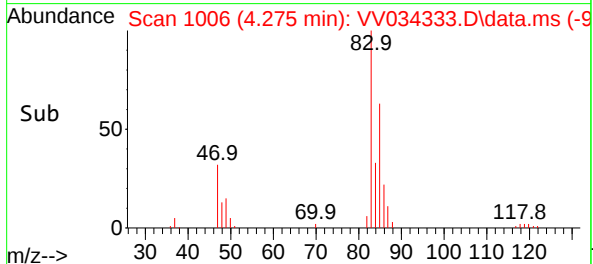
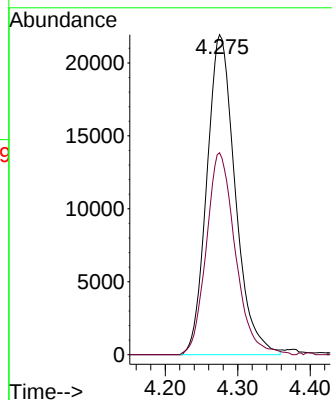
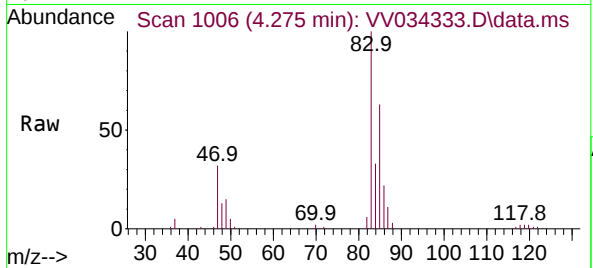




#25
Chloroform
Concen: 5.818 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

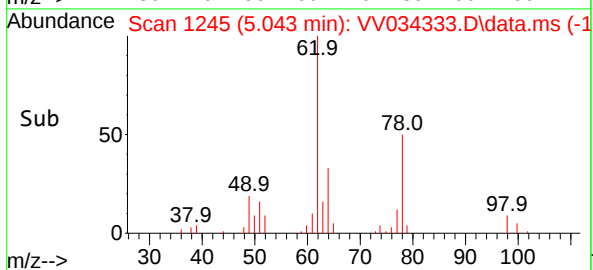
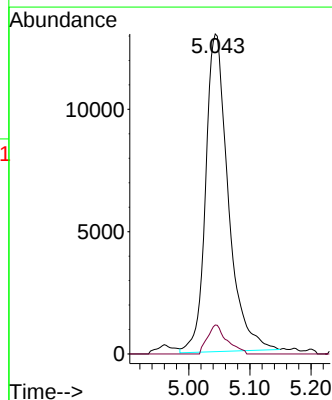
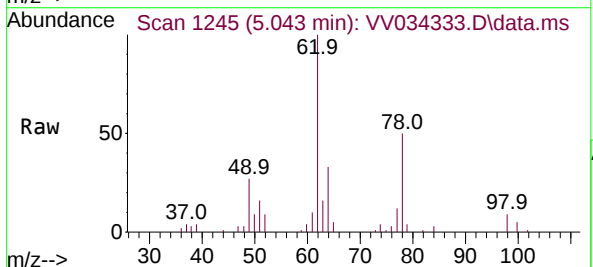
Instrument :
MSVOA_V
ClientSampleId :

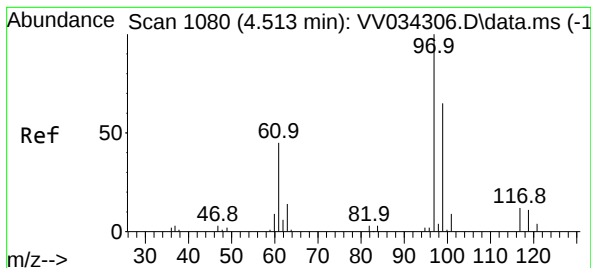
Tgt Ion: 83 Resp: 59532
Ion Ratio Lower Upper
83 100
85 63.1 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.702 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 62 Resp: 33411
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.987 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV034333.D

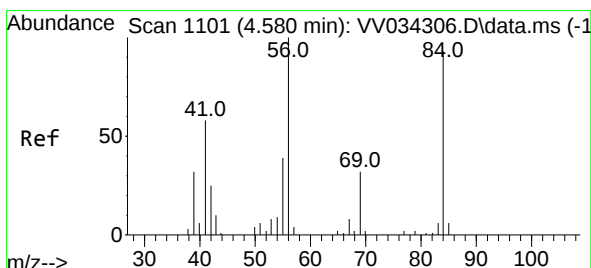
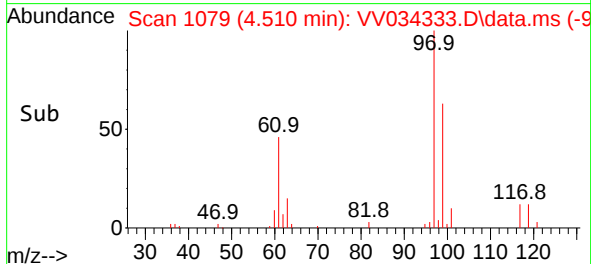
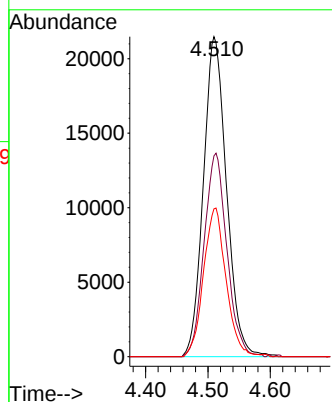
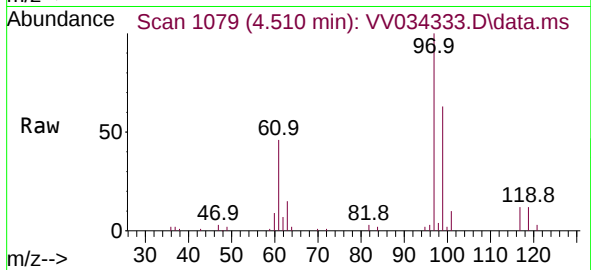
Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	55454
Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.6	75.8
61	45.3	36.8	55.2



#30

Cyclohexane

Concen: 4.879 ug/L

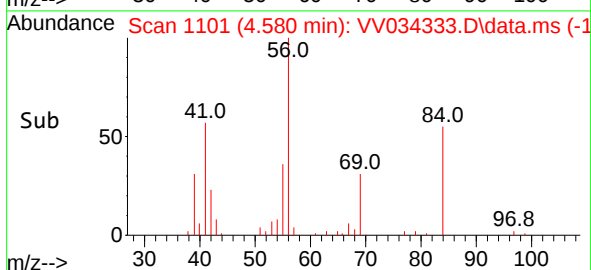
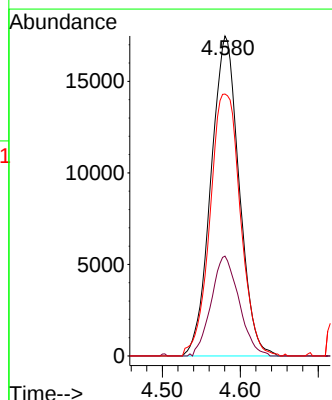
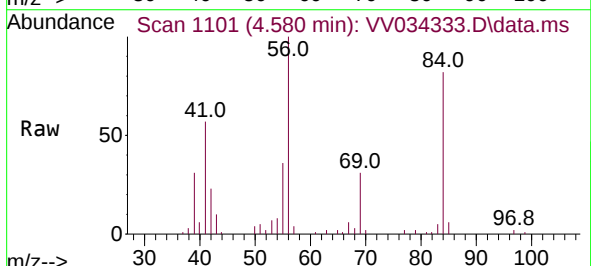
RT: 4.580 min Scan# 1101

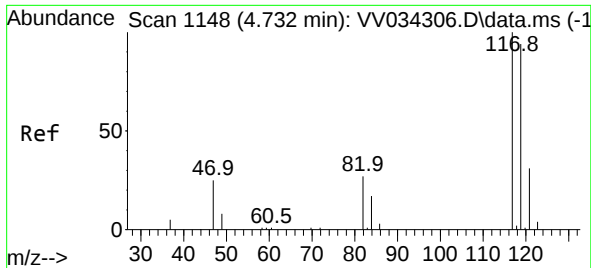
Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Tgt Ion:	56	Resp:	43952
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.2
84	88.1	70.0	105.0

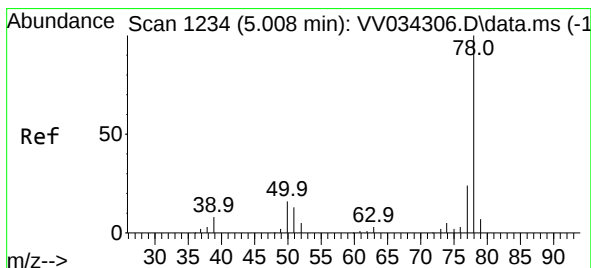
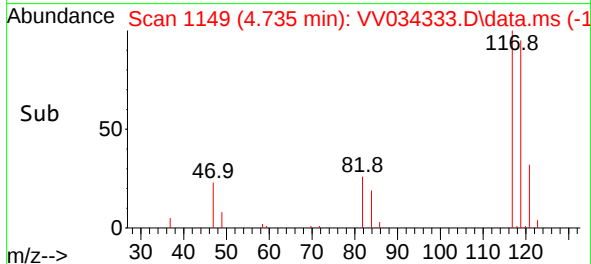
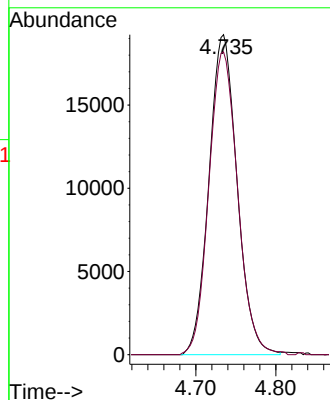
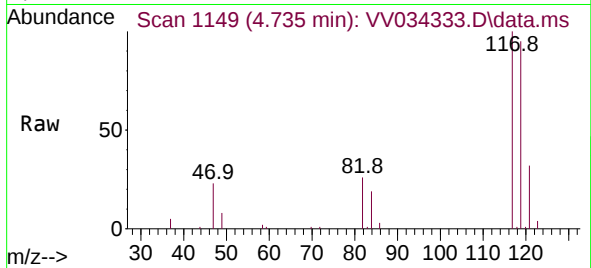




#31
Carbon tetrachloride
Concen: 5.814 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

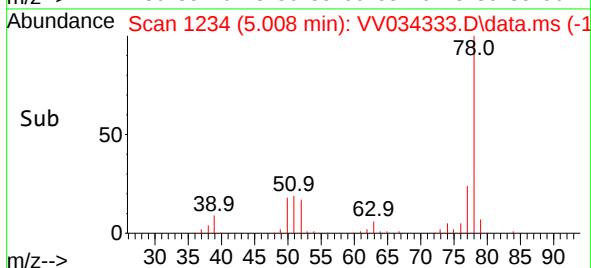
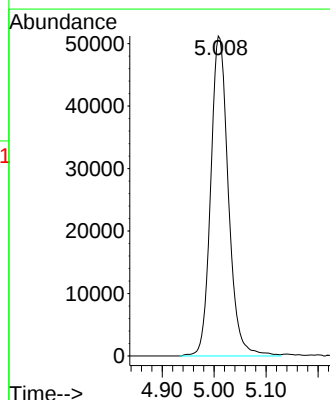
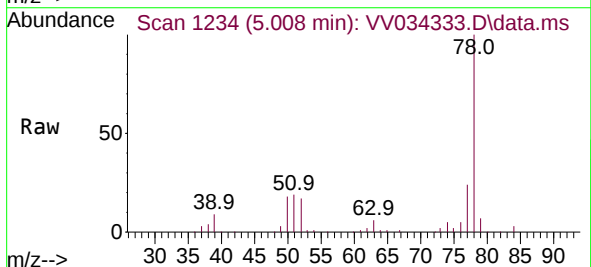
Instrument :
MSVOA_V
ClientSampleId :

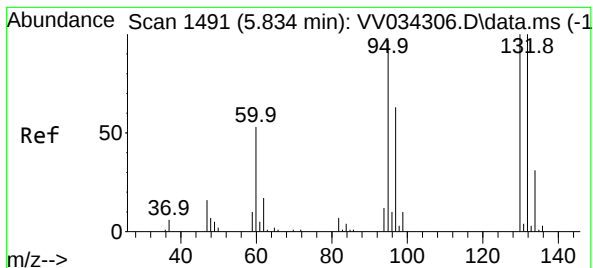
Tgt Ion:117 Resp: 47119
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 5.843 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 78 Resp: 120905





#34

Trichloroethene

Concen: 5.210 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

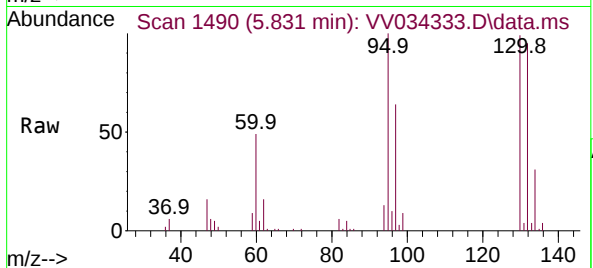
Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 31198

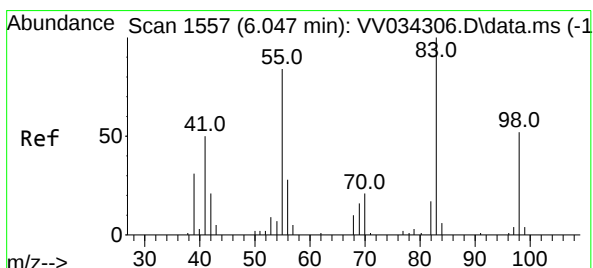
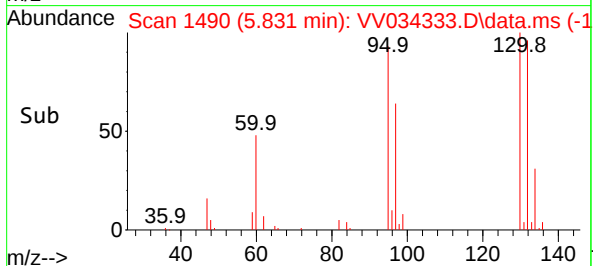
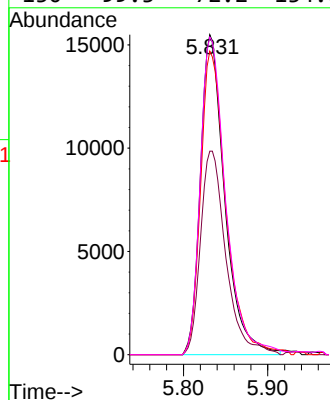
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.7

132 94.8 66.0 122.6

130 99.3 72.2 134.0



#35

Methylcyclohexane

Concen: 4.547 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

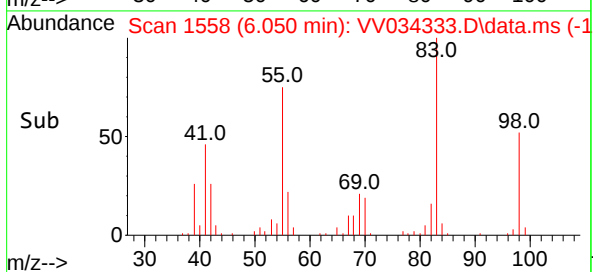
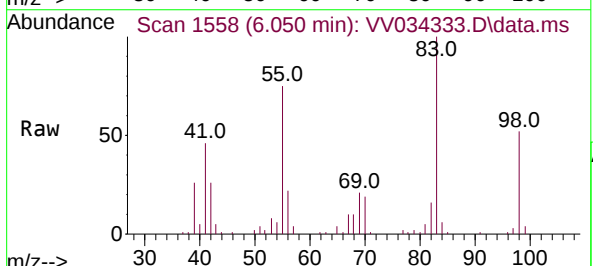
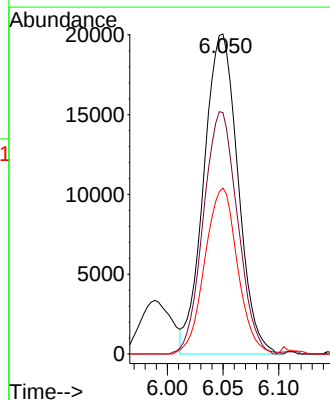
Tgt Ion: 83 Resp: 42745

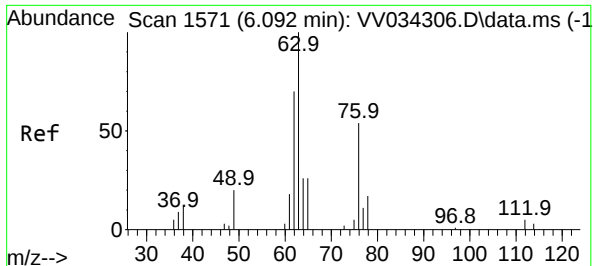
Ion Ratio Lower Upper

83 100

55 75.9 63.5 95.3

98 49.5 39.0 58.4

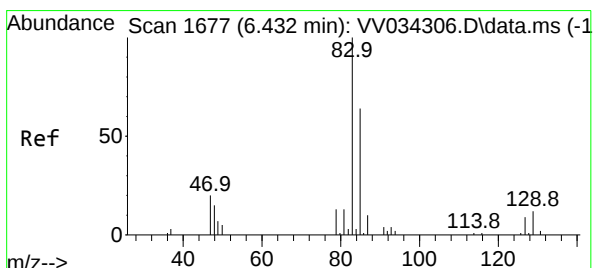
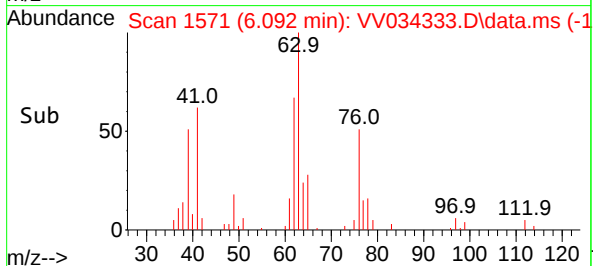
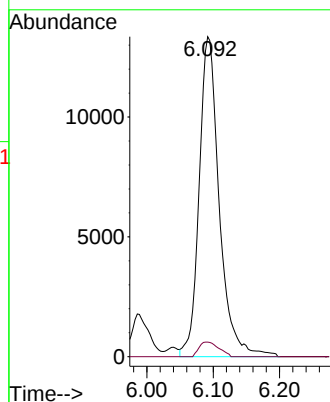
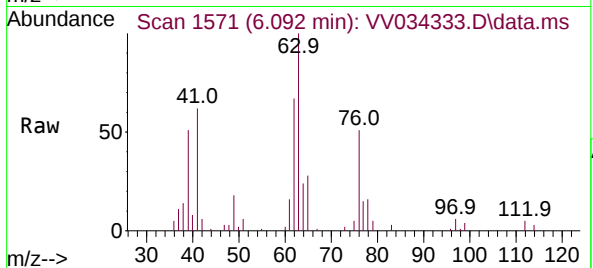




#37
1,2-Dichloropropane
Concen: 5.625 ug/L
RT: 6.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

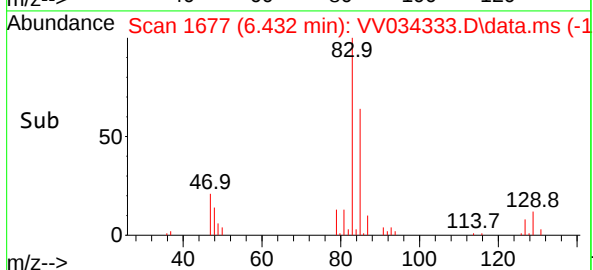
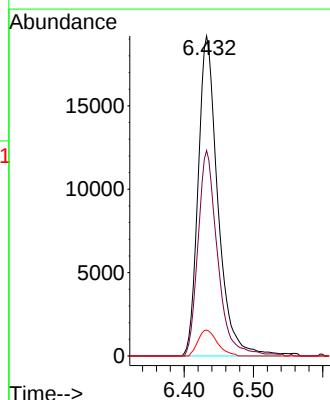
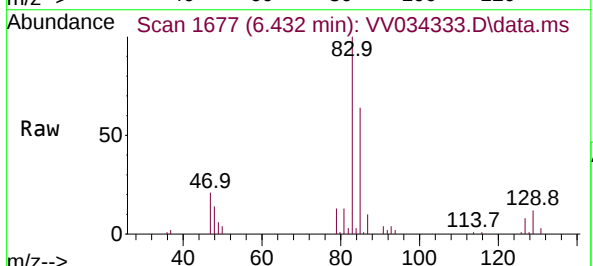
Instrument :
MSVOA_V
ClientSampleId :

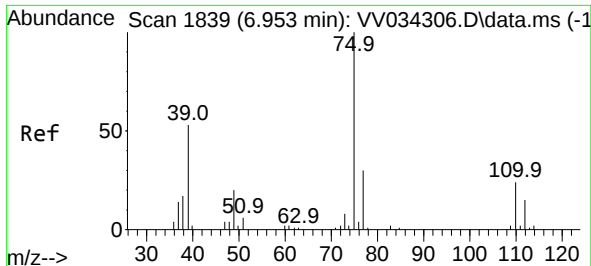
Tgt Ion: 63 Resp: 28191
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.0



#38
Bromodichloromethane
Concen: 5.777 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 83 Resp: 38009
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2
127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.526 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

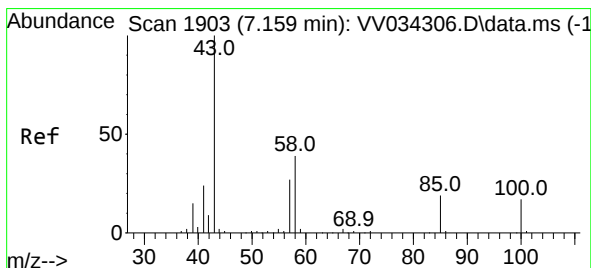
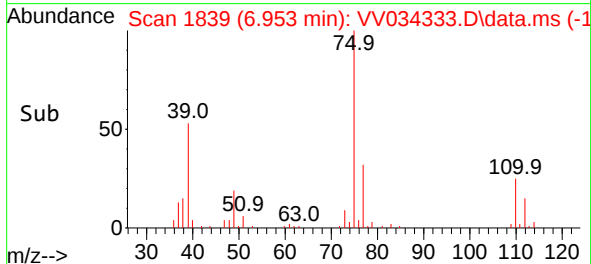
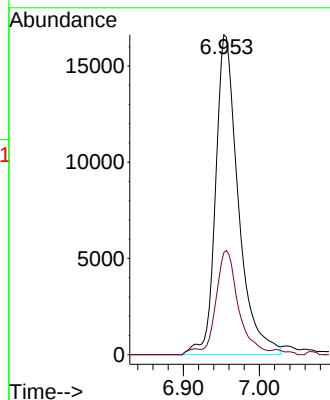
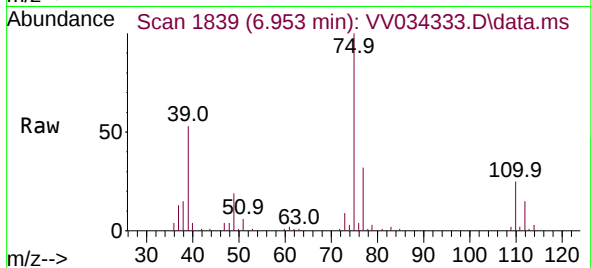
ClientSampleId :

Tgt Ion: 75 Resp: 34519

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.183 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

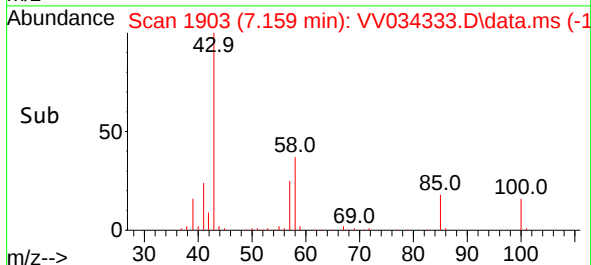
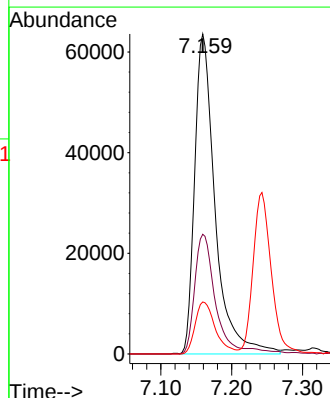
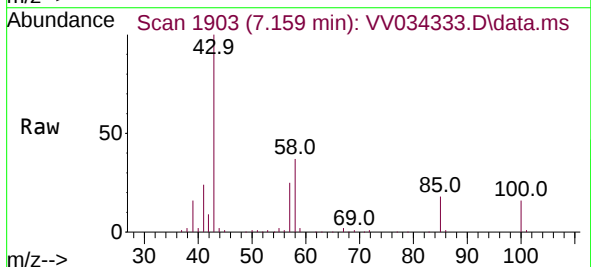
Tgt Ion: 43 Resp: 127644

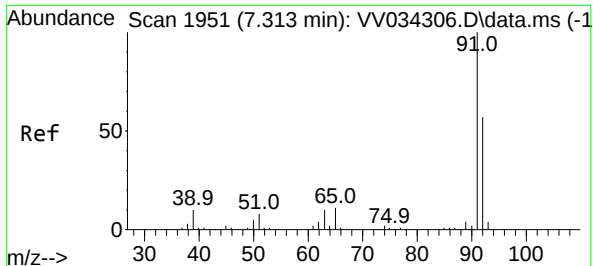
Ion Ratio Lower Upper

43 100

58 36.6 30.2 45.2

100 16.0 12.1 18.1





#42

Toluene

Concen: 5.766 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

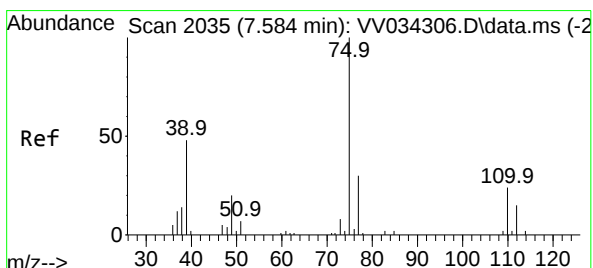
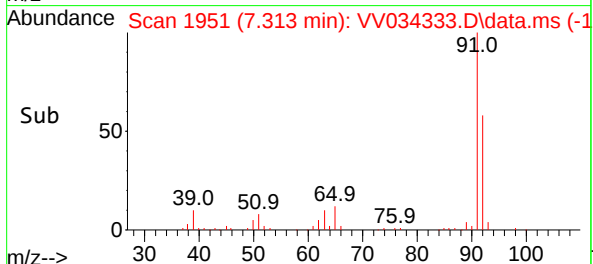
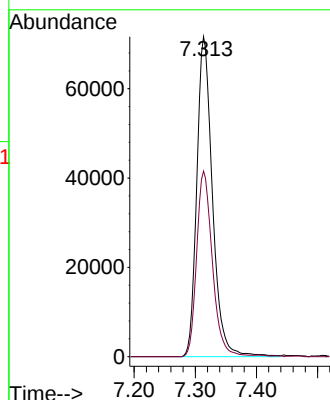
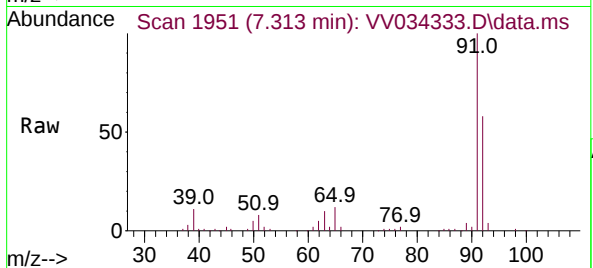
ClientSampleId :

Tgt Ion: 91 Resp: 127508

Ion Ratio Lower Upper

91 100

92 58.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.507 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034333.D

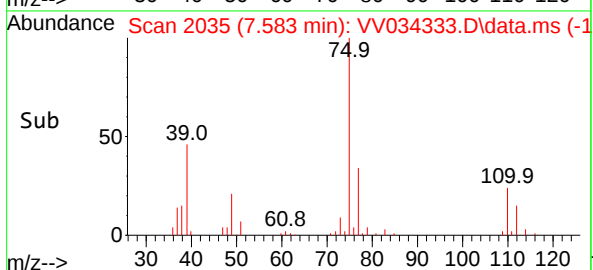
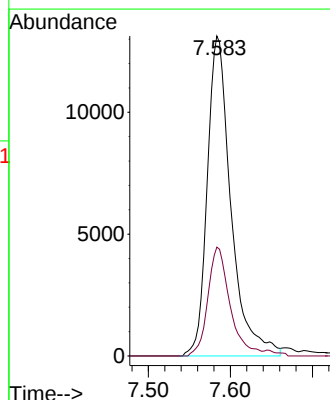
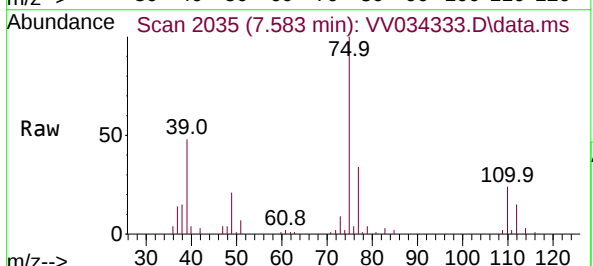
Acq: 22 Feb 2024 08:52

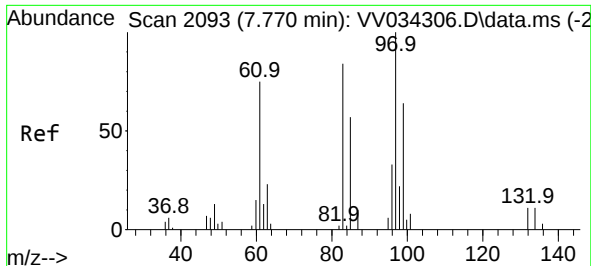
Tgt Ion: 75 Resp: 26391

Ion Ratio Lower Upper

75 100

77 34.0 22.2 41.2

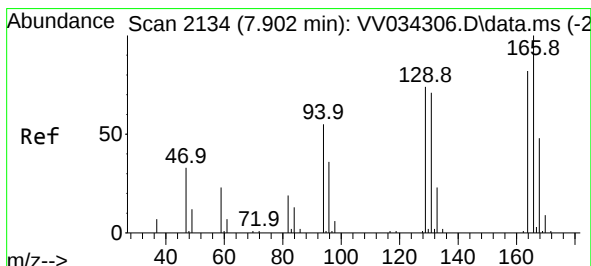
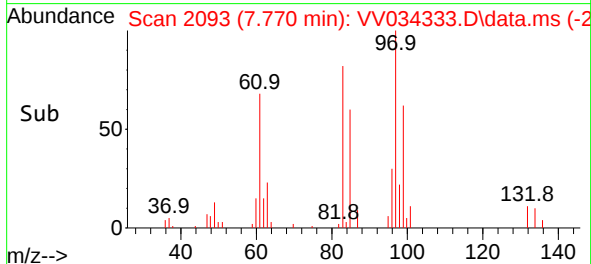
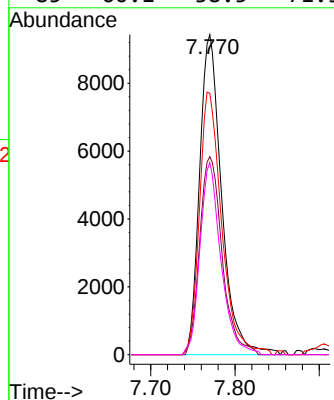
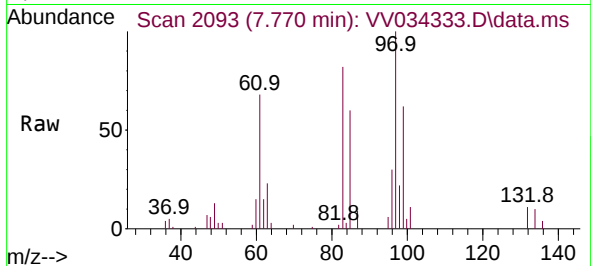




#45
1,1,2-Trichloroethane
Concen: 5.546 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

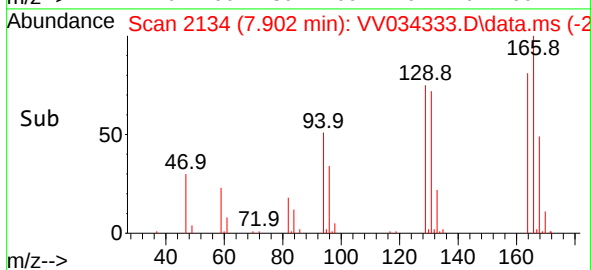
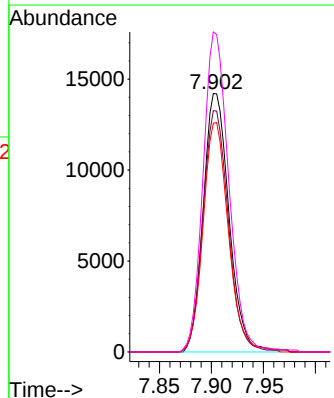
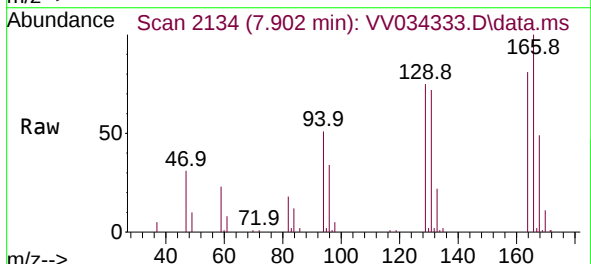
Instrument :
MSVOA_V
ClientSampleId :

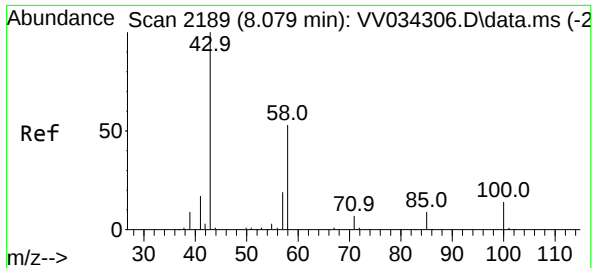
Tgt Ion: 97 Resp: 17165
Ion Ratio Lower Upper
97 100
99 61.9 45.6 84.6
83 81.7 62.3 115.7
85 60.1 38.5 71.5



#47
Tetrachloroethene
Concen: 5.034 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 164 Resp: 24492
Ion Ratio Lower Upper
164 100
129 93.4 67.8 125.8
131 88.6 63.0 117.0
166 123.8 92.6 172.0

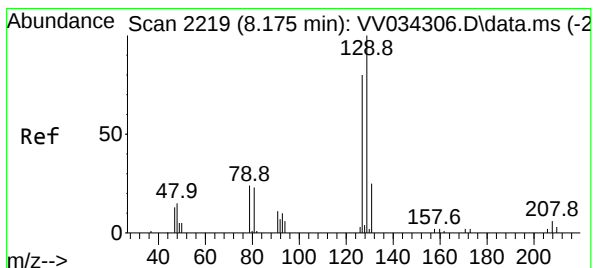
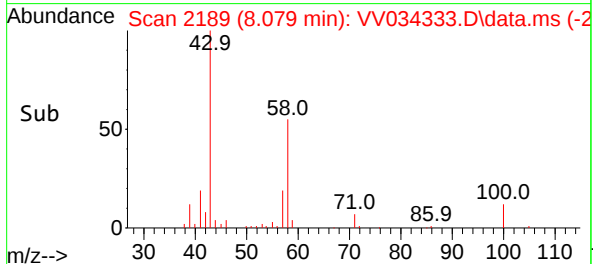
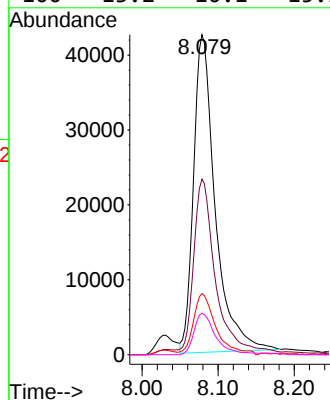
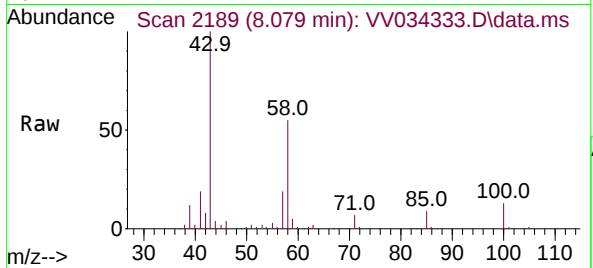




#48
2-Hexanone
Concen: 49.718 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

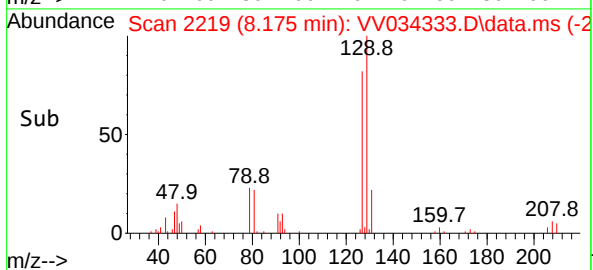
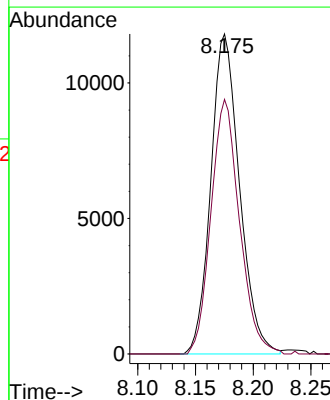
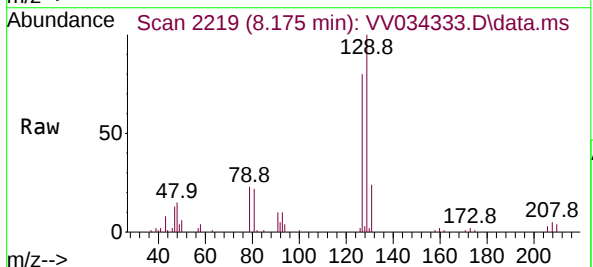
Instrument :
MSVOA_V
ClientSampleId :

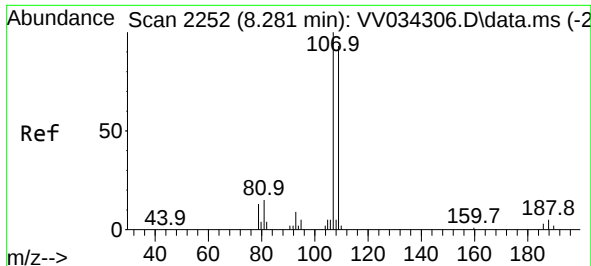
Tgt Ion: 43	Resp: 84113
Ion Ratio	Lower Upper
43	100
58	54.5 42.6 64.0
57	19.9 15.5 23.3
100	13.2 10.1 15.1



#49
Dibromochloromethane
Concen: 5.559 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 129	Resp: 20445
Ion Ratio	Lower Upper
129	100
127	79.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.548 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

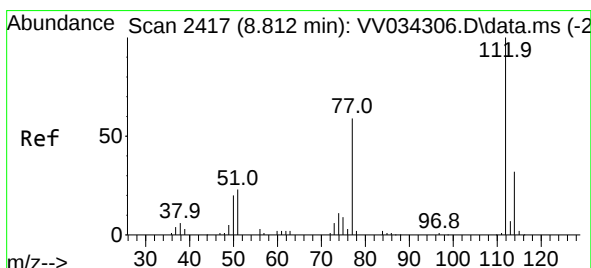
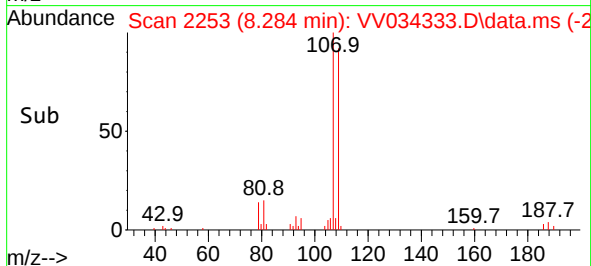
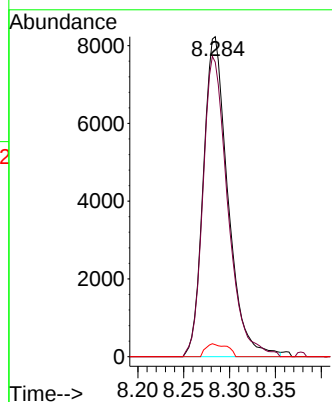
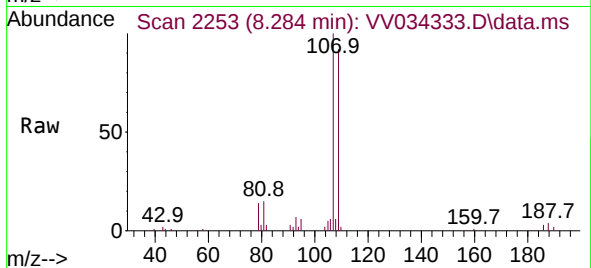
Tgt Ion:107 Resp: 15411

Ion Ratio Lower Upper

107 100

109 92.1 64.5 119.9

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 5.582 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

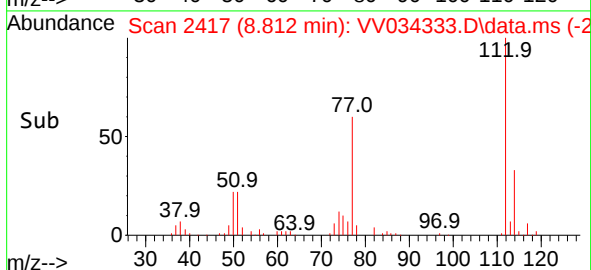
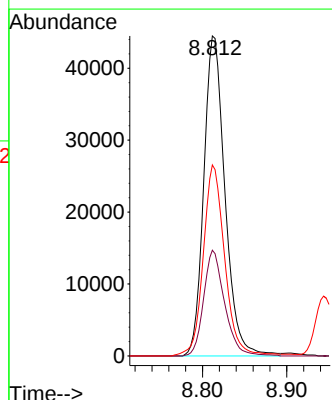
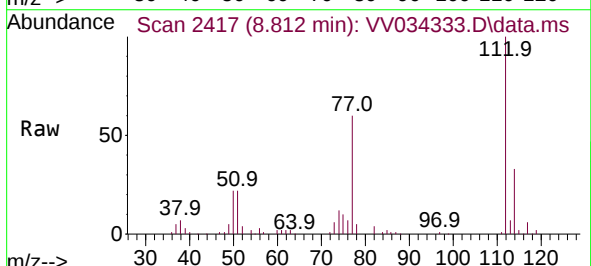
Tgt Ion:112 Resp: 78040

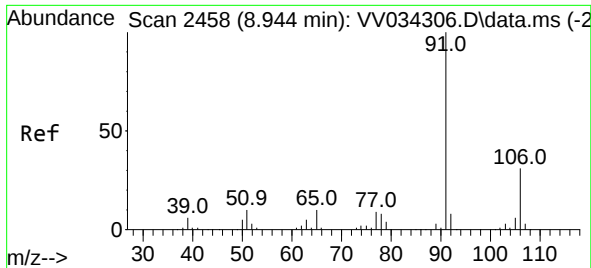
Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.7

77 59.7 48.1 72.1

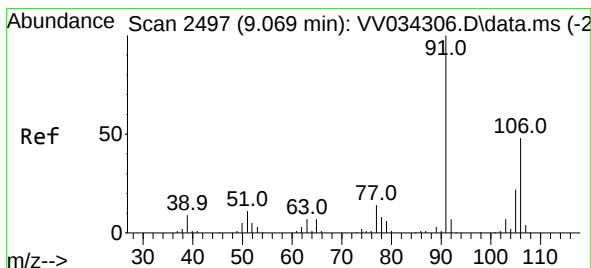
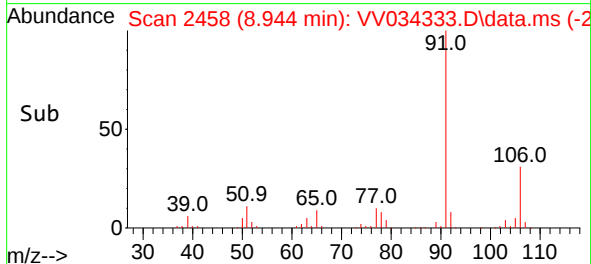
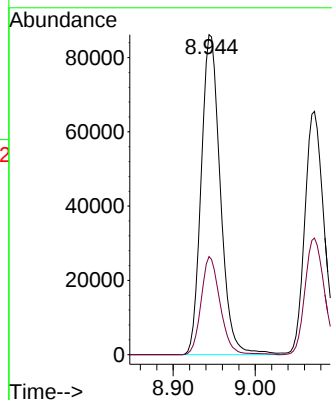
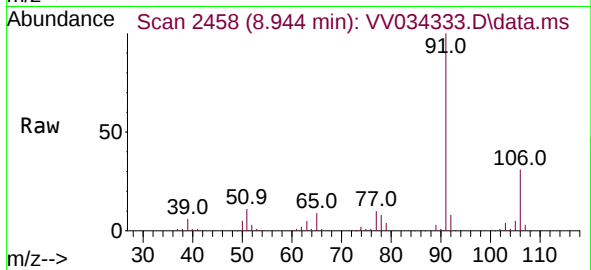




#52
Ethylbenzene
Concen: 5.485 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

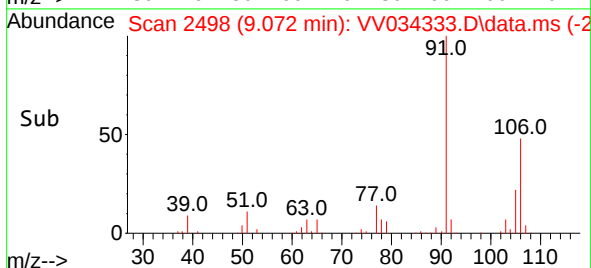
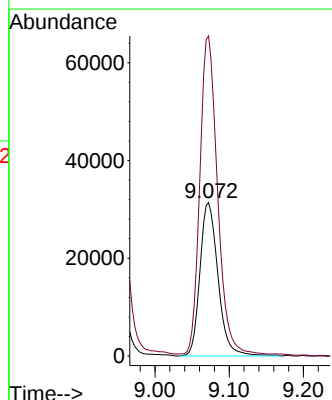
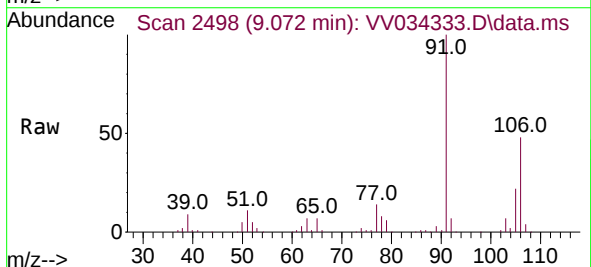
Instrument :
MSVOA_V
ClientSampleId :

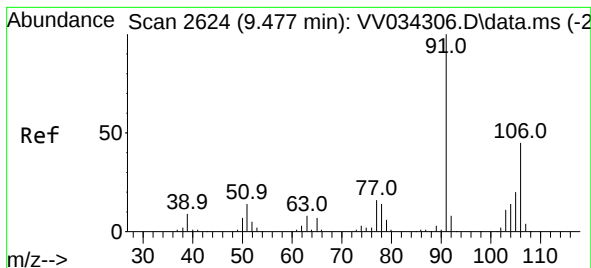
Tgt Ion: 91 Resp: 139623
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 5.531 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion:106 Resp: 53207
Ion Ratio Lower Upper
106 100
91 208.7 147.5 273.9





#54

o-Xylene

Concen: 5.666 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

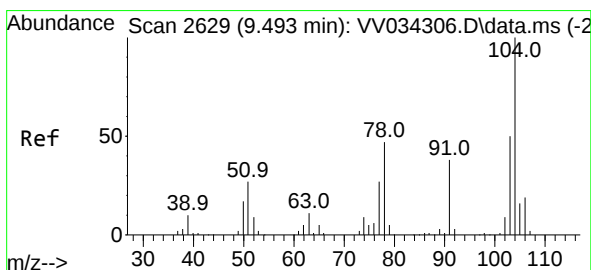
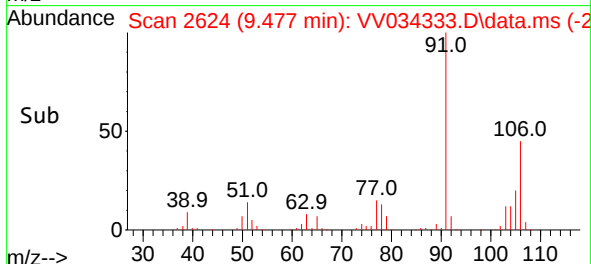
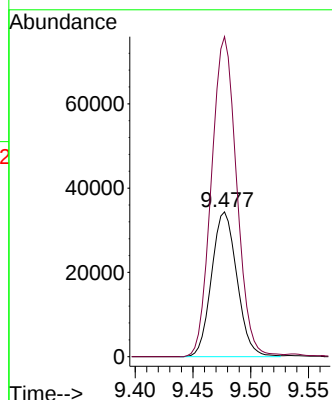
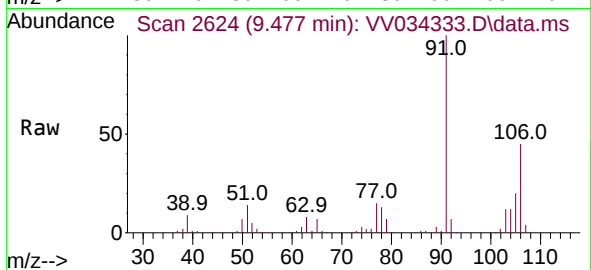
ClientSampleId :

Tgt Ion:106 Resp: 52553

Ion Ratio Lower Upper

106 100

91 221.0 156.2 290.0



#55

Styrene

Concen: 5.375 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV034333.D

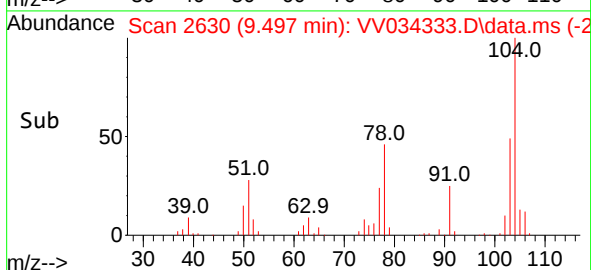
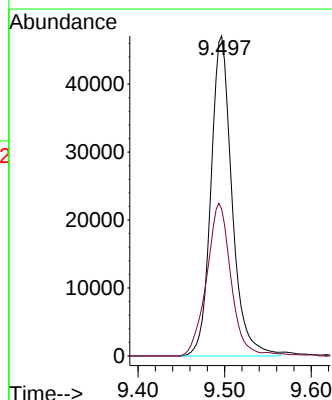
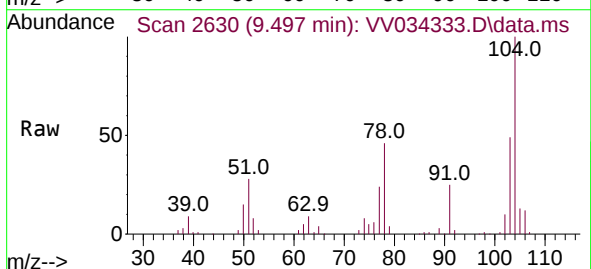
Acq: 22 Feb 2024 08:52

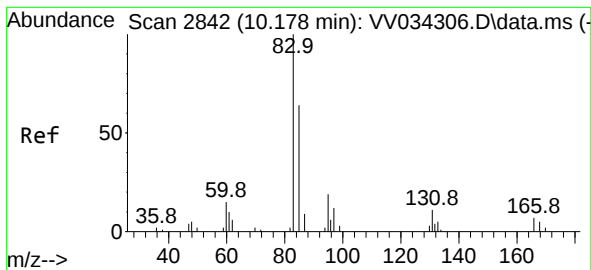
Tgt Ion:104 Resp: 79824

Ion Ratio Lower Upper

104 100

78 45.9 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.482 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

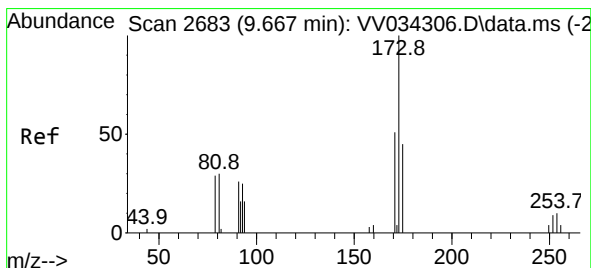
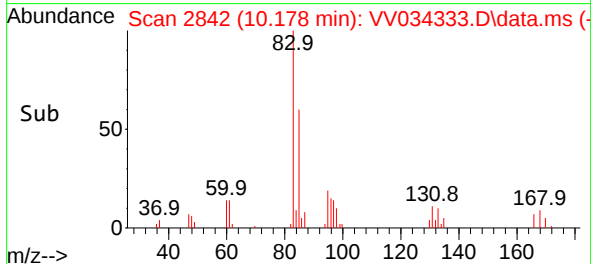
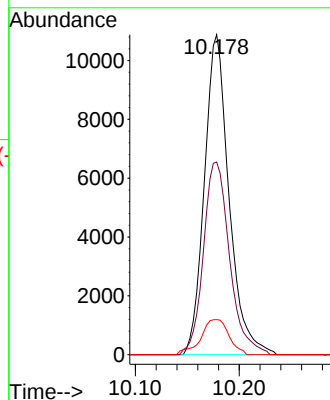
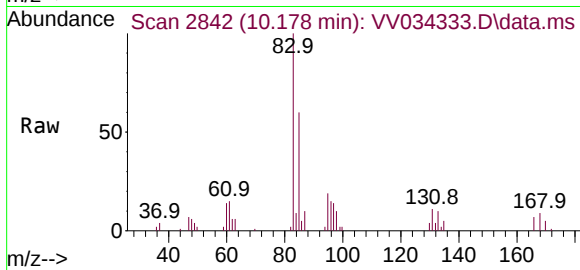
Tgt Ion: 83 Resp: 17908

Ion Ratio Lower Upper

83 100

85 60.2 46.5 86.3

131 11.0 8.4 12.6



#59

Bromoform

Concen: 5.093 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

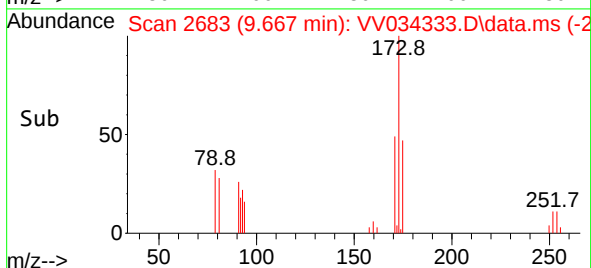
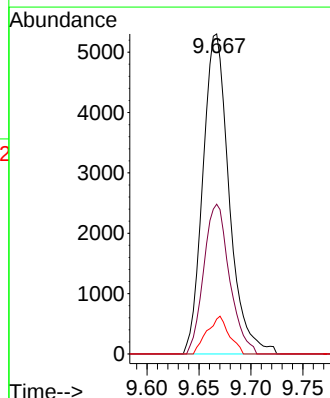
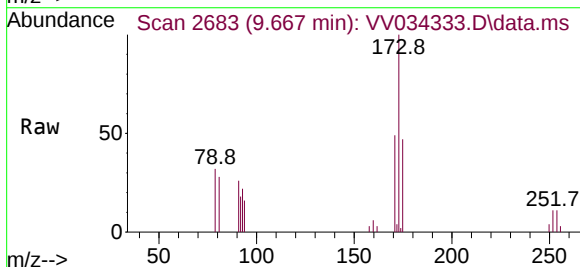
Tgt Ion: 173 Resp: 9311

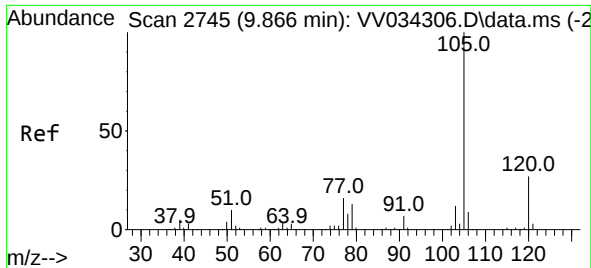
Ion Ratio Lower Upper

173 100

175 45.9 38.6 57.8

254 9.9 7.2 10.8

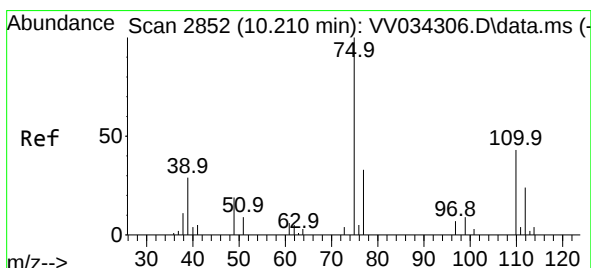
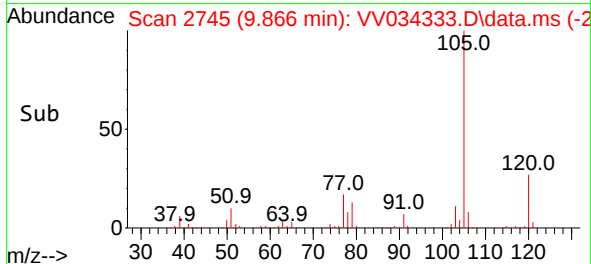
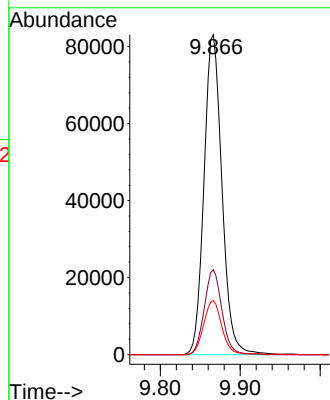
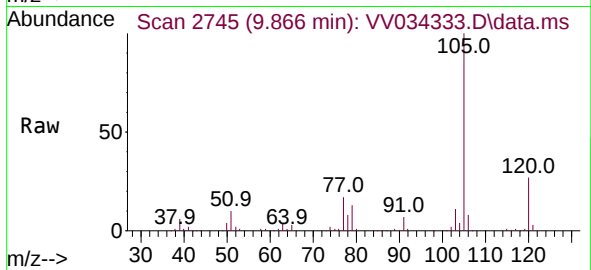




#60
Isopropylbenzene
Concen: 5.292 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

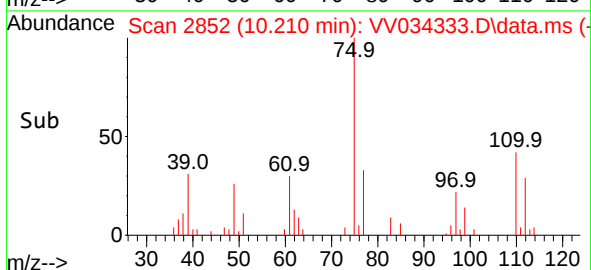
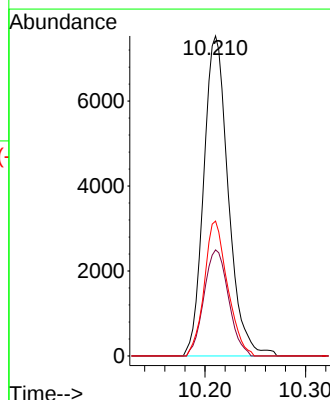
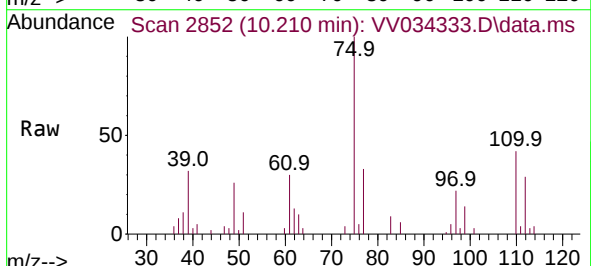
Instrument :
MSVOA_V
ClientSampleId :

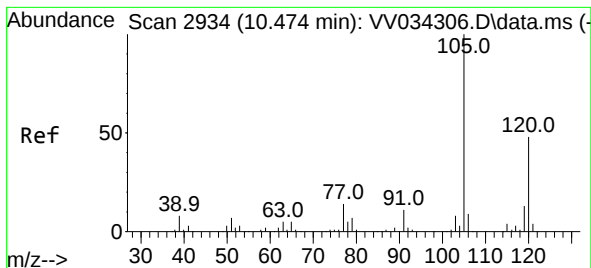
Tgt Ion:105 Resp: 129950
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 17.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.604 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion: 75 Resp: 12785
Ion Ratio Lower Upper
75 100
77 33.0 26.9 40.3
110 39.8 33.3 49.9

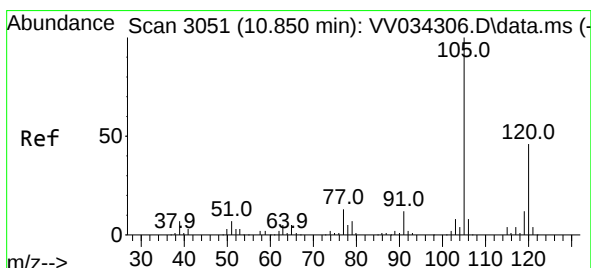
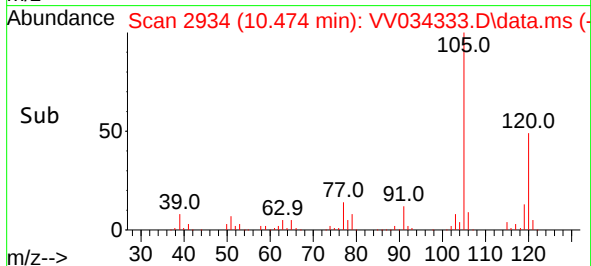
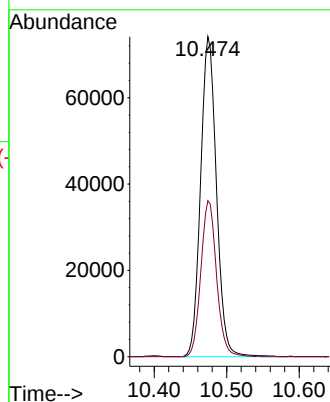
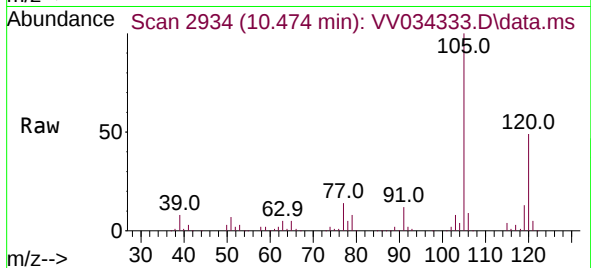




#62
1,3,5-Trimethylbenzene
Concen: 5.424 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

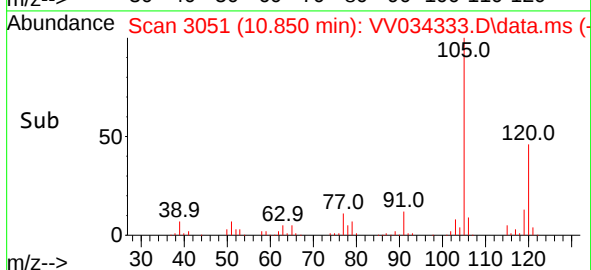
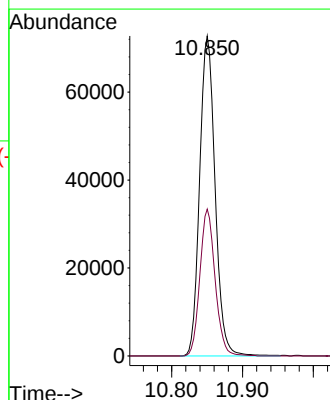
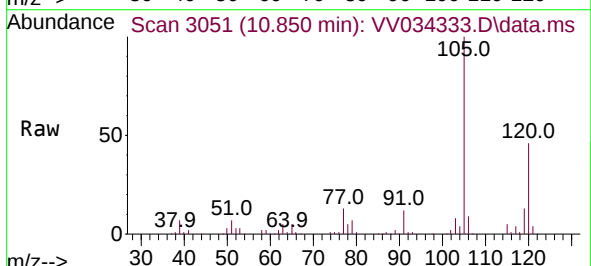
Instrument :
MSVOA_V
ClientSampleId :

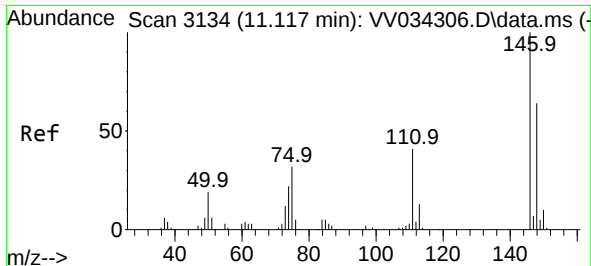
Tgt Ion:105 Resp: 112598
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.461 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

Tgt Ion:105 Resp: 110145
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

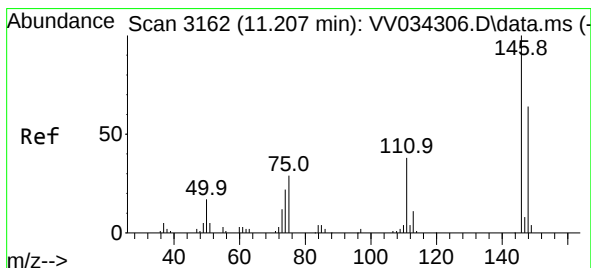
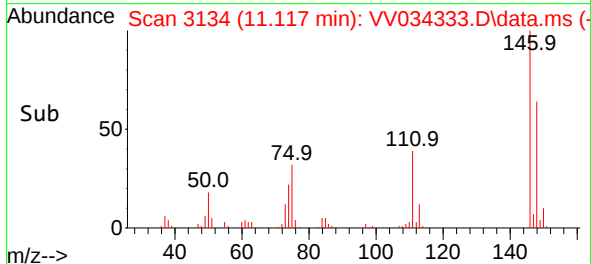
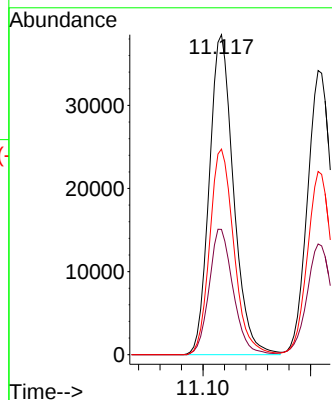
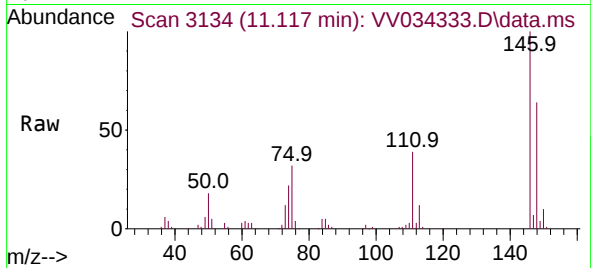




#64
1,3-Dichlorobenzene
Concen: 5.633 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

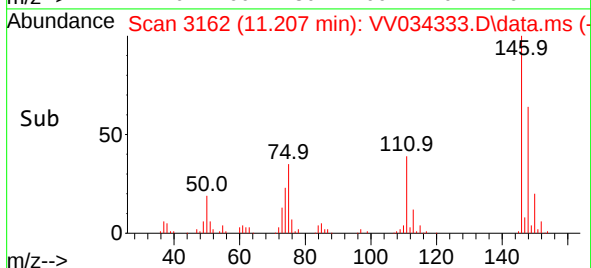
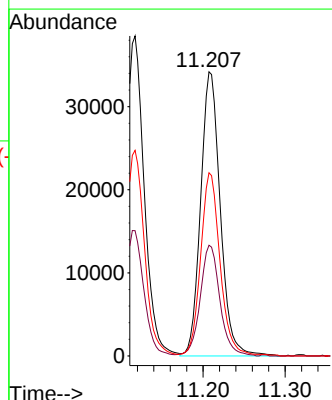
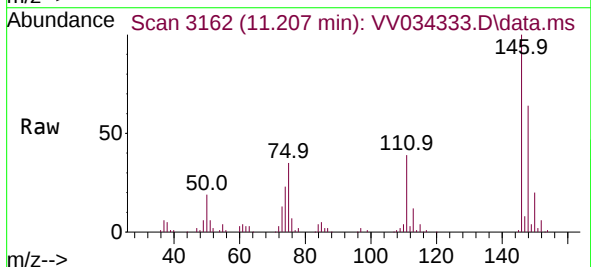
Instrument :
MSVOA_V
ClientSampleId :

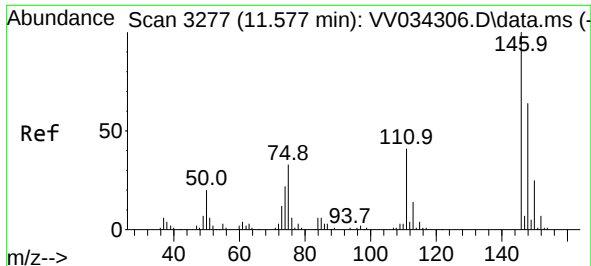
Tgt Ion:146 Resp: 60310
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 64.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.371 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034333.D
Acq: 22 Feb 2024 08:52

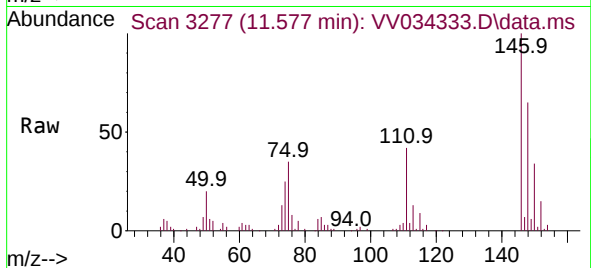
Tgt Ion:146 Resp: 56948
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.4
148 64.5 44.8 83.2





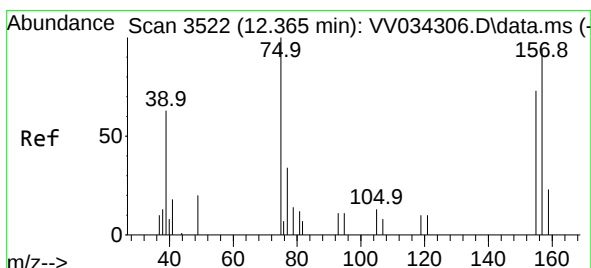
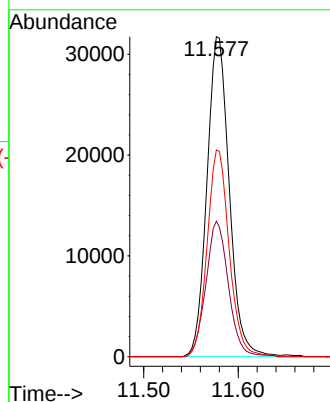
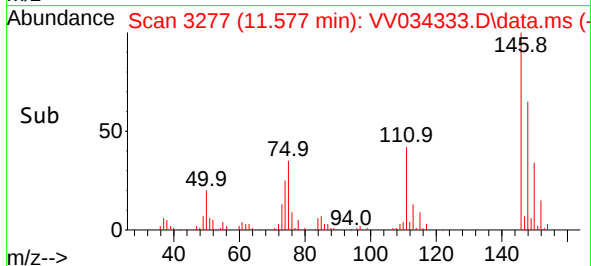
#67
 1,2-Dichlorobenzene
 Concen: 5.662 ug/L
 RT: 11.577 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :

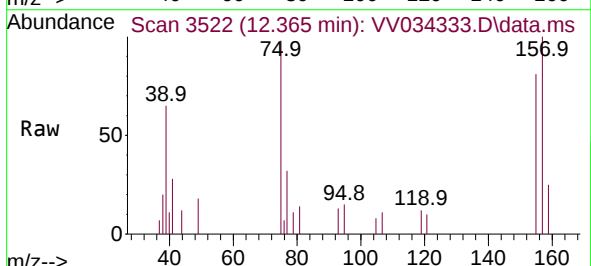


Tgt Ion:146 Resp: 52064

Ion	Ratio	Lower	Upper
146	100		
111	42.4	31.2	46.8
148	64.6	49.8	74.8

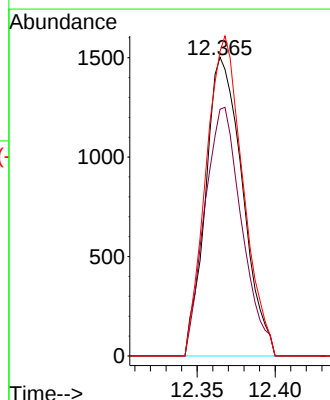
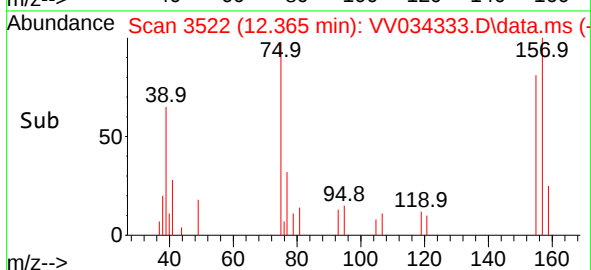


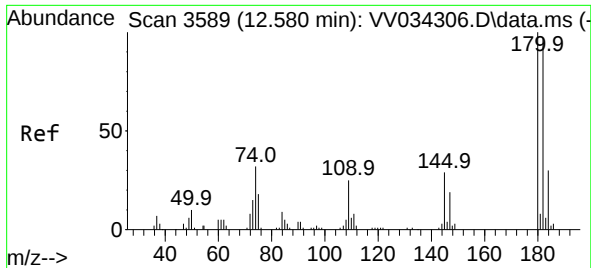
#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.155 ug/L
 RT: 12.365 min Scan# 3522
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52



Tgt Ion: 75 Resp: 2465

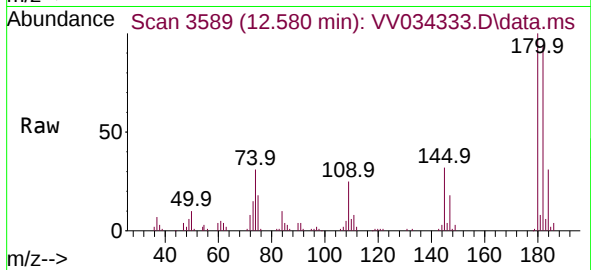
Ion	Ratio	Lower	Upper
75	100		
155	82.6	68.9	103.3
157	102.0	84.6	127.0



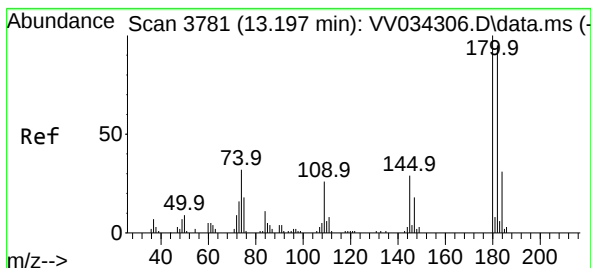
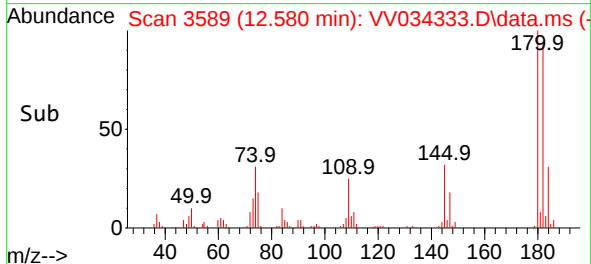
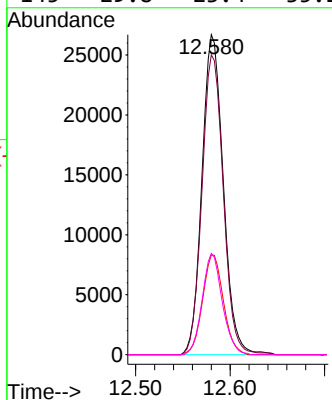


#69
 1,3,5-Trichlorobenzene
 Concen: 5.050 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :

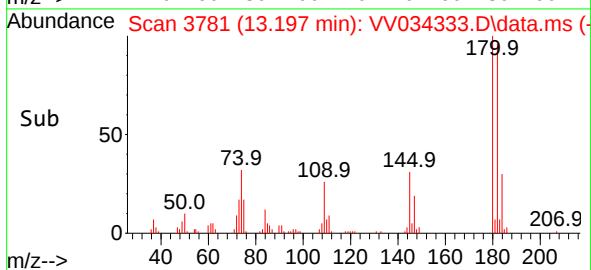
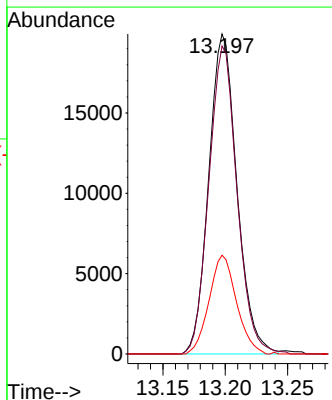
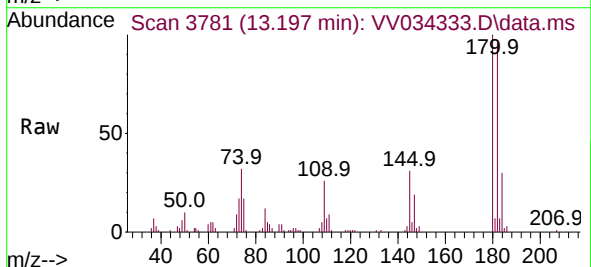


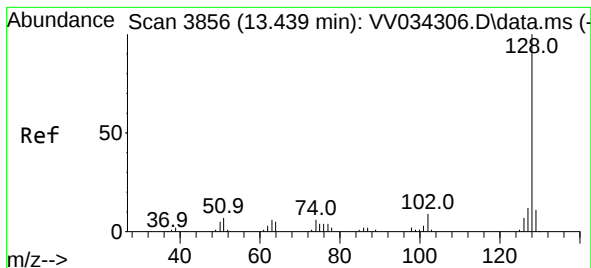
Tgt Ion:180 Resp: 41846
 Ion Ratio Lower Upper
 180 100
 182 93.6 77.0 115.4
 184 30.4 23.8 35.6
 145 29.8 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.853 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV034333.D
 Acq: 22 Feb 2024 08:52

Tgt Ion:180 Resp: 31393
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.8 115.2
 145 29.9 24.8 37.2





#71

Naphthalene

Concen: 4.823 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

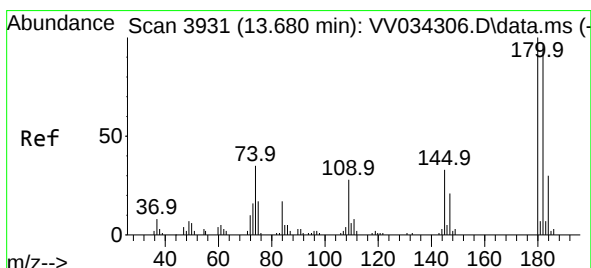
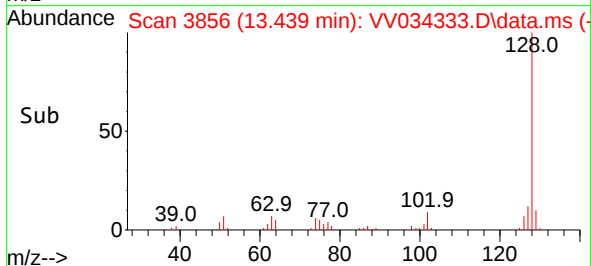
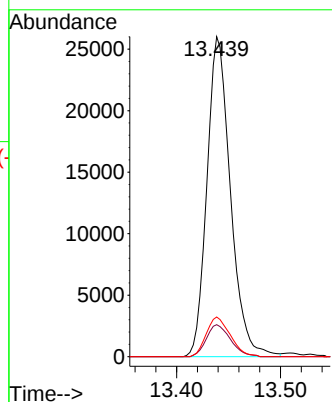
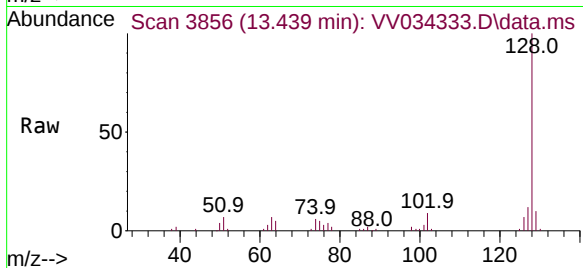
Tgt Ion:128 Resp: 40878

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 12.6 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.096 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034333.D

Acq: 22 Feb 2024 08:52

Tgt Ion:180 Resp: 26413

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

145 32.9 25.2 37.8

