

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034165.D
 Acq On : 13 Feb 2024 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78982	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21517	3.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.535	69	20182	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.060	65	10505	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.802	46	40325	39.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.500%
24) Chloroform-d	4.252	84	47606	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	22593	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	4.963	84	85166	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.989	67	22877	3.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.243	98	80162	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.554	79	9322	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.024	63	29226	35.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13965	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	29119	4.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35362	4.886	ug/L	97
3) Chloromethane	1.217	50	35213	4.460	ug/L	99
5) Vinyl chloride	1.285	62	35967	4.768	ug/L	88
6) Bromomethane	1.490	94	20262	5.100	ug/L	99
8) Chloroethane	1.552	64	23075	4.483	ug/L	98
9) Trichlorofluoromethane	1.715	101	60939	5.605	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	31304	5.508	ug/L	99
12) 1,1-Dichloroethene	2.072	96	28695	5.201	ug/L	92
13) Acetone	2.130	43	34247	43.941	ug/L #	34
14) Carbon disulfide	2.243	76	77078	4.318	ug/L	100
15) Methyl Acetate	2.384	43	8405	4.557	ug/L	94
16) Methylene chloride	2.449	84	29359	5.546	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	56378	4.973	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26837	4.775	ug/L	100
19) 1,1-Dichloroethane	3.114	63	51008	4.939	ug/L	98
21) 2-Butanone	3.883	43	44498	43.205	ug/L #	43
22) cis-1,2-Dichloroethene	3.818	96	29241	4.586	ug/L	99
23) Bromochloromethane	4.149	128	11807	5.327	ug/L	87
25) Chloroform	4.275	83	53800	5.154	ug/L	98

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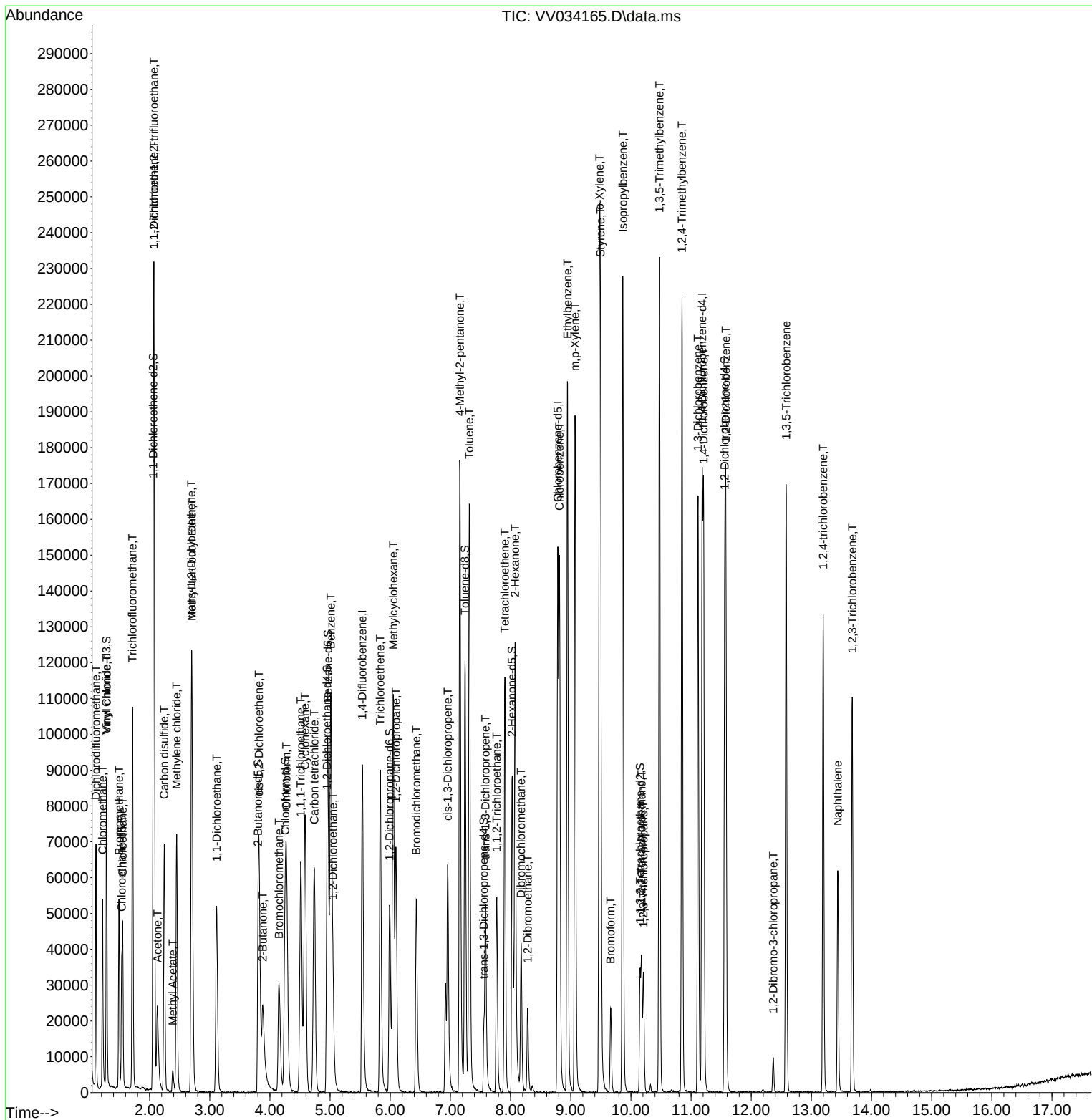
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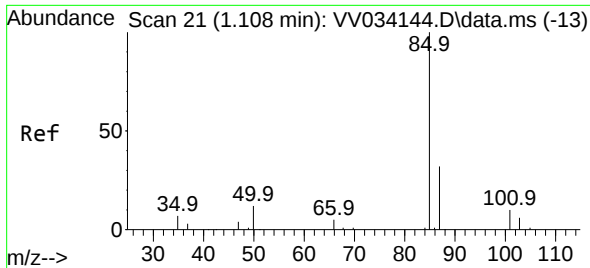
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31662	5.297	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	52517	5.373	ug/L	98
30) Cyclohexane	4.584	56	42252	4.445	ug/L	93
31) Carbon tetrachloride	4.738	117	48045	5.617	ug/L	99
33) Benzene	5.011	78	107750	4.934	ug/L	100
34) Trichloroethene	5.834	95	30285	4.792	ug/L	95
35) Methylcyclohexane	6.050	83	46420	4.679	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24521	4.635	ug/L	98
38) Bromodichloromethane	6.432	83	35711	5.143	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	38404	4.771	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	115259	45.502	ug/L	99
42) Toluene	7.313	91	118644	5.083	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	30665	4.962	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15844	4.851	ug/L	96
47) Tetrachloroethene	7.905	164	24883	4.845	ug/L	98
48) 2-Hexanone	8.075	43	81749	45.784	ug/L	99
49) Dibromochloromethane	8.175	129	19644	5.061	ug/L	98
50) 1,2-Dibromoethane	8.284	107	14140	4.823	ug/L #	92
51) Chlorobenzene	8.812	112	75303	5.103	ug/L	100
52) Ethylbenzene	8.947	91	135876	5.058	ug/L	100
53) m,p-Xylene	9.072	106	51871	5.109	ug/L	98
54) o-Xylene	9.477	106	49445	5.051	ug/L	95
55) Styrene	9.493	104	81735	5.215	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	16449	4.771	ug/L	98
59) Bromoform	9.664	173	9964	4.624	ug/L	96
60) Isopropylbenzene	9.866	105	140391	4.851	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	12630	4.697	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	119487	4.884	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	115867	4.874	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	63400	5.024	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	61578	4.928	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	54363	5.016	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2463	4.371	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	50124	5.133	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	38797	5.089	ug/L	99
71) Naphthalene	13.438	128	47871	4.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31795	5.205	ug/L	99

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

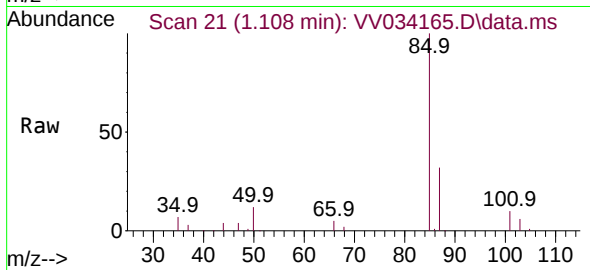
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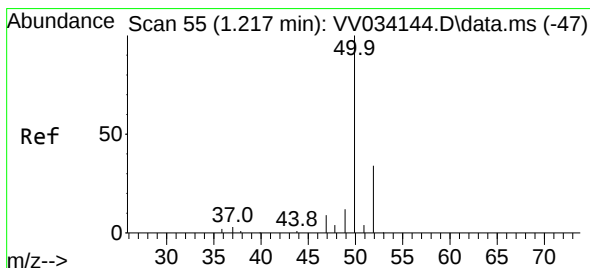
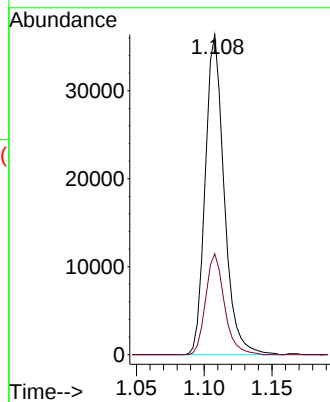
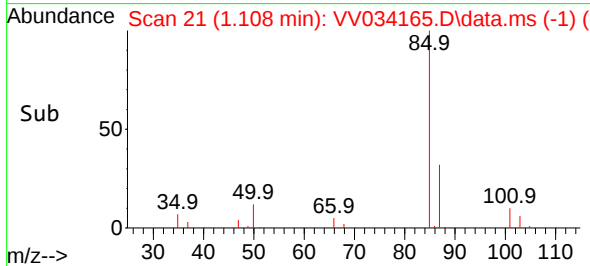


#2
 Dichlorodifluoromethane
 Concen: 4.886 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034165.D
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Instrument :
 MSVOA_V
 ClientSampleId :

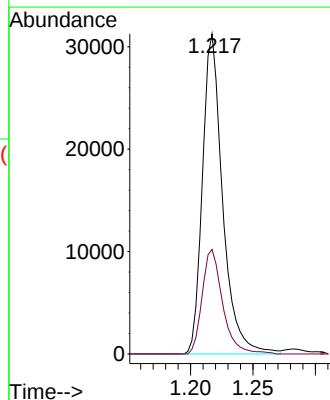
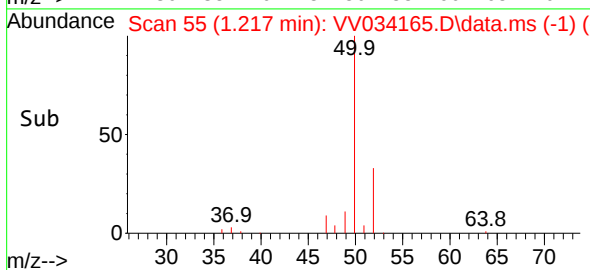
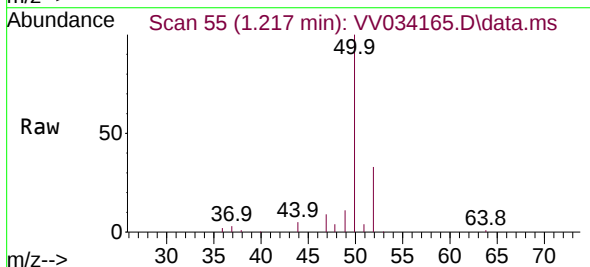


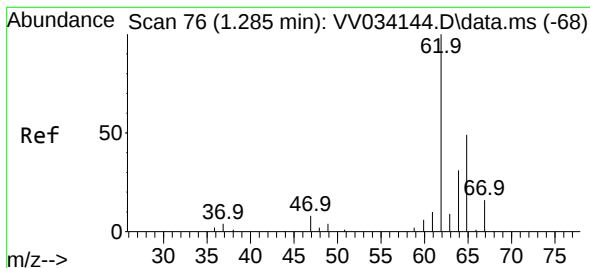
Tgt Ion: 85 Resp: 35362
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4



#3
 Chloromethane
 Concen: 4.460 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034165.D
 Acq: 13 Feb 2024 20:19

Tgt Ion: 50 Resp: 35213
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.768 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

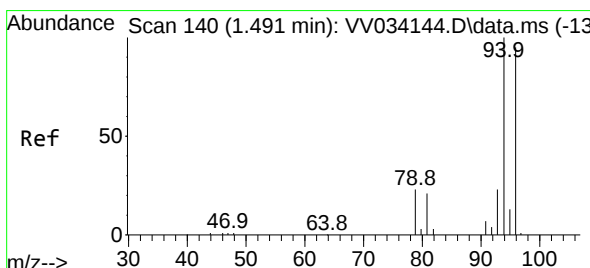
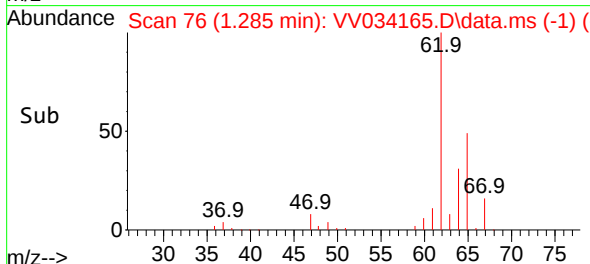
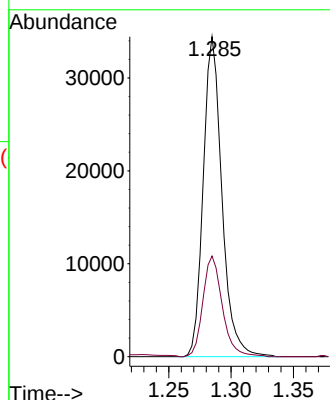
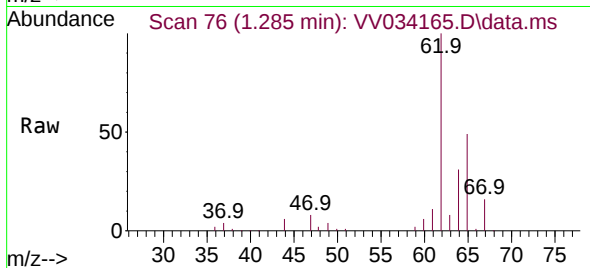
ClientSampleId :

Tgt Ion: 62 Resp: 35967

Ion Ratio Lower Upper

62 100

64 31.4 27.2 50.4



#6

Bromomethane

Concen: 5.100 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034165.D

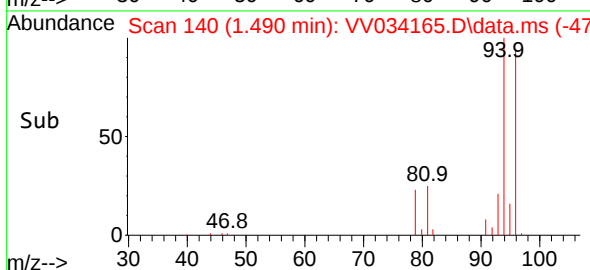
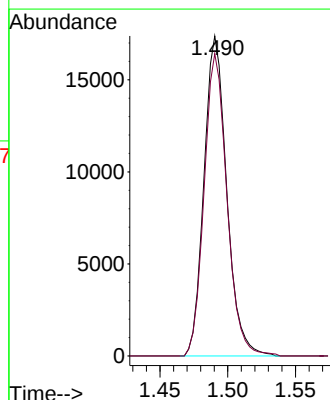
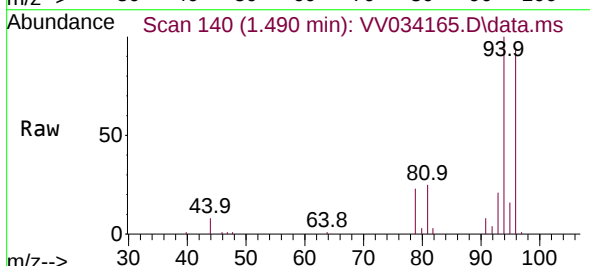
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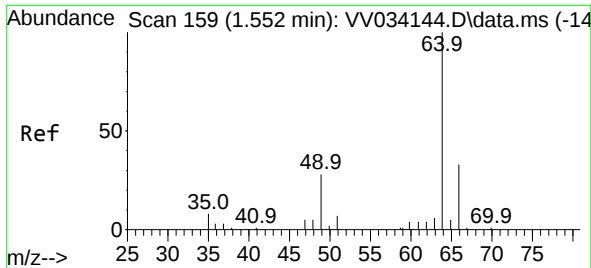
Tgt Ion: 94 Resp: 20262

Ion Ratio Lower Upper

94 100

96 94.4 66.6 123.8

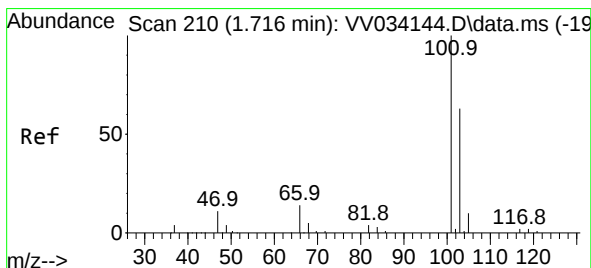
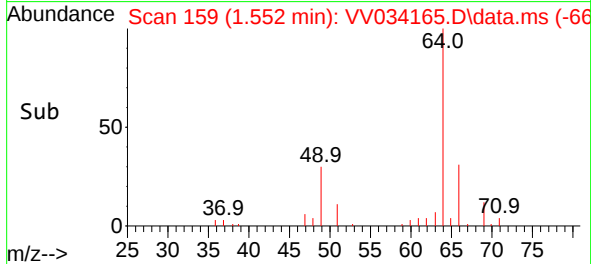
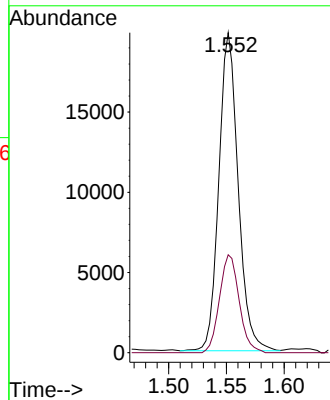
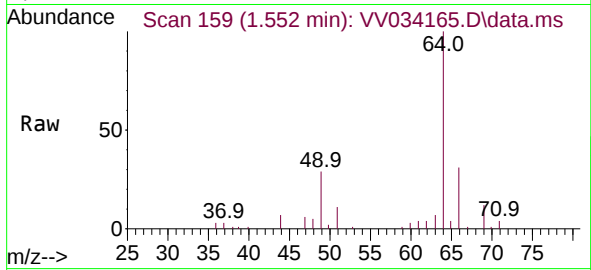




#8
Chloroethane
Concen: 4.483 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

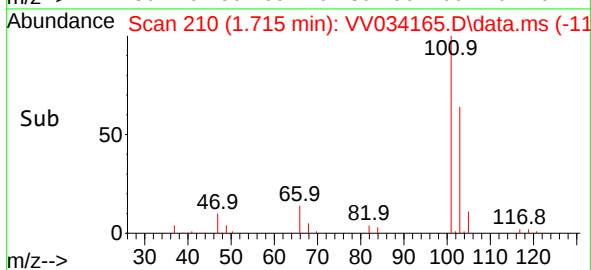
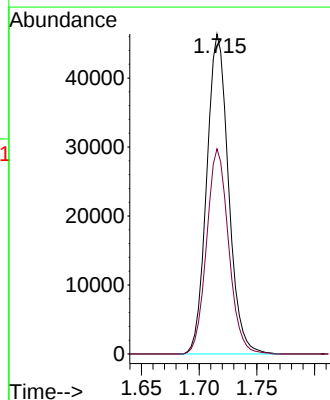
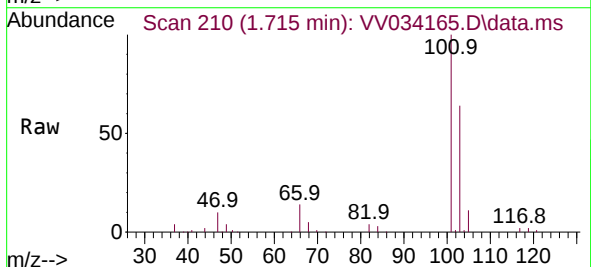
Instrument :
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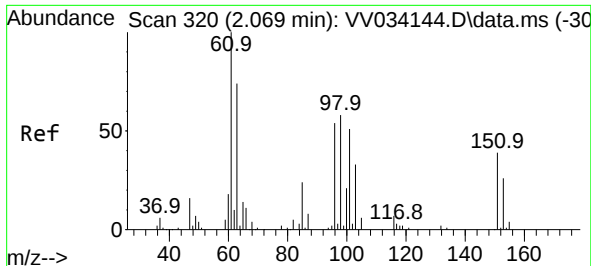
Tgt Ion: 64 Resp: 23075
Ion Ratio Lower Upper
64 100
66 30.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.605 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion:101 Resp: 60939
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

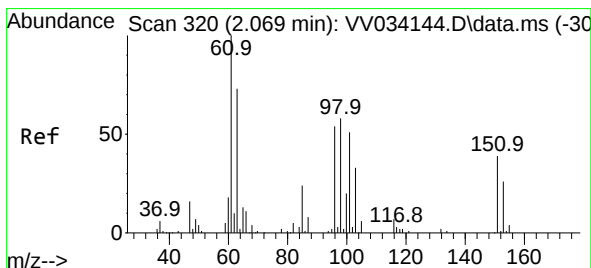
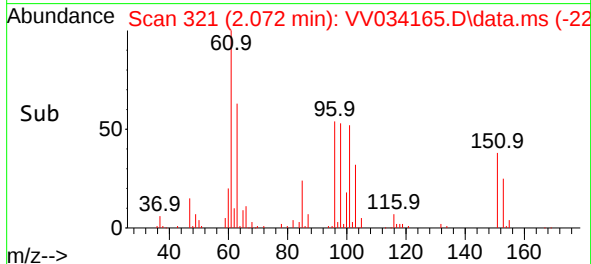
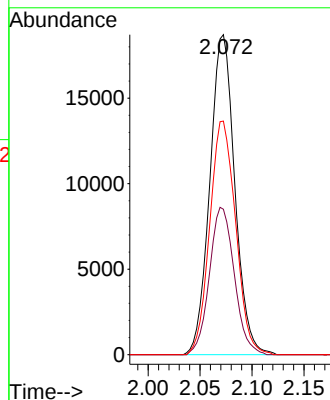
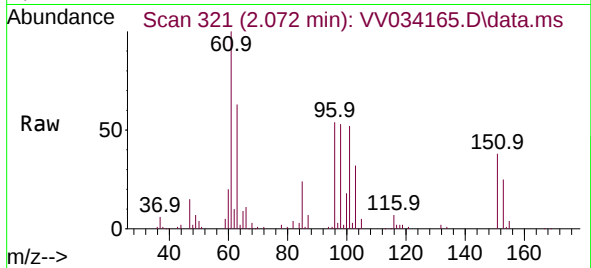




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.508 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

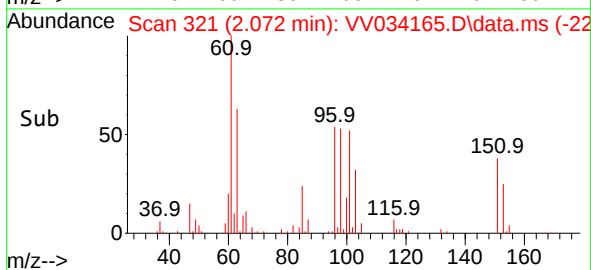
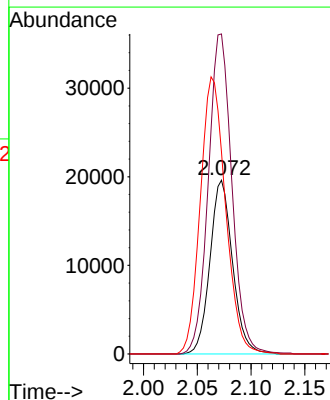
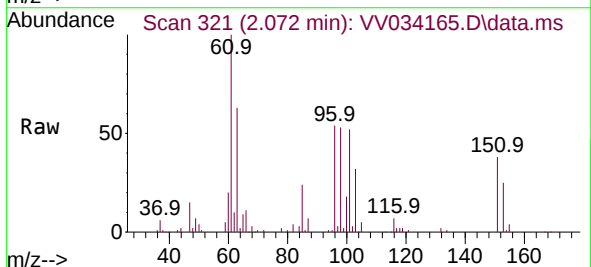
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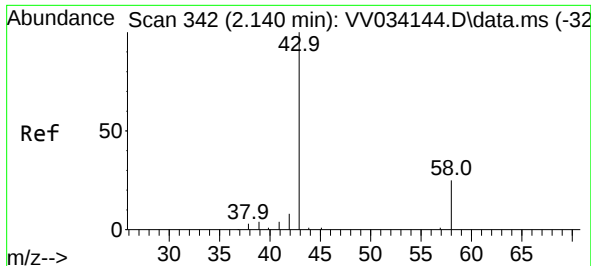
Tgt Ion:101 Resp: 31304
Ion Ratio Lower Upper
101 100
85 45.9 37.1 55.7
151 75.7 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.201 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion: 96 Resp: 28695
Ion Ratio Lower Upper
96 100
61 184.2 128.8 239.2
63 116.4 97.9 181.9





#13

Acetone

Concen: 43.941 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

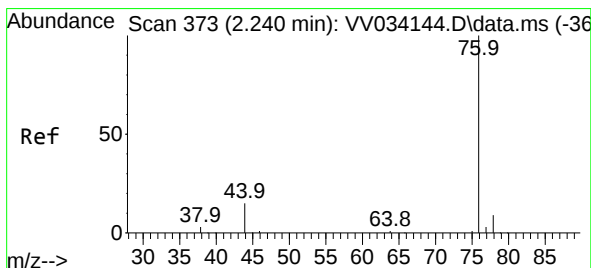
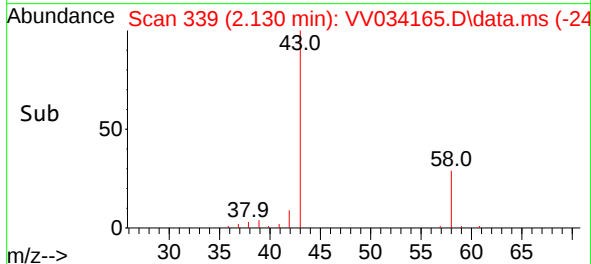
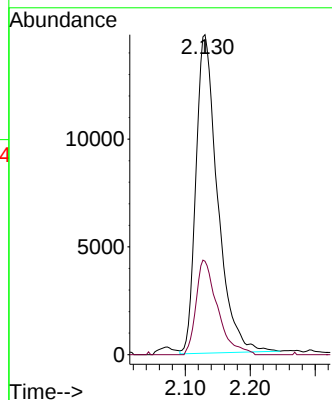
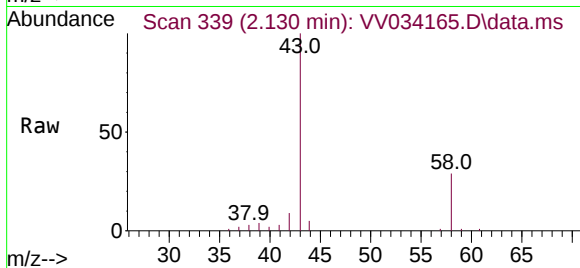
ClientSampleId :

Tgt Ion: 43 Resp: 34247

Ion Ratio Lower Upper

43 100

58 29.4 0.0 13.8#



#14

Carbon disulfide

Concen: 4.318 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034165.D

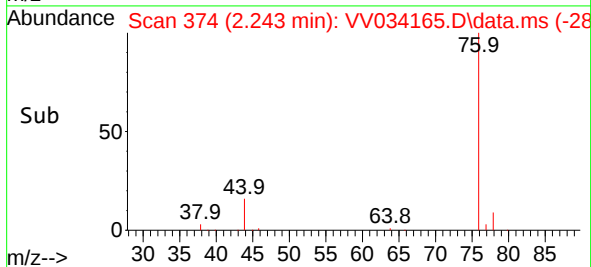
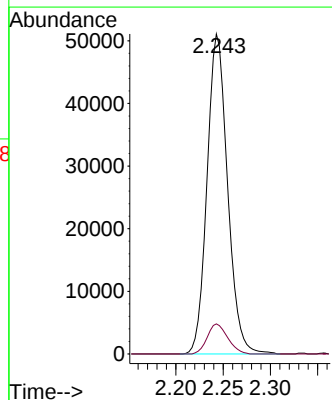
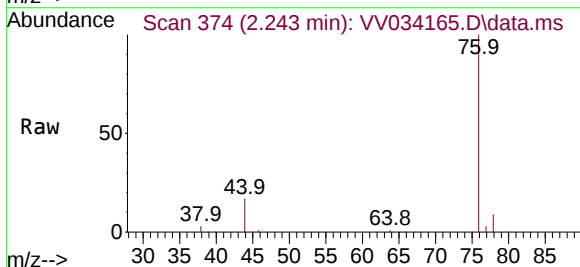
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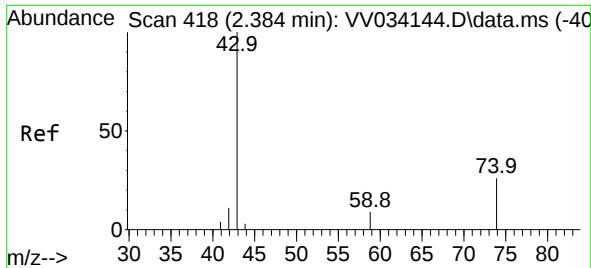
Tgt Ion: 76 Resp: 77078

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

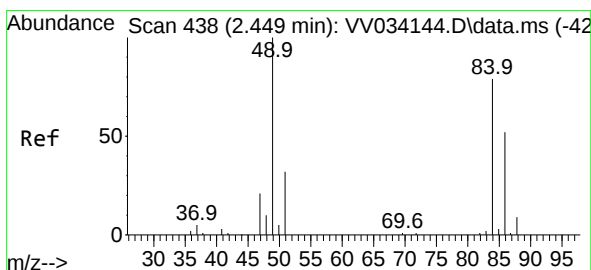
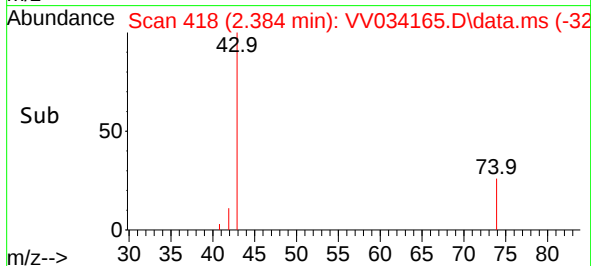
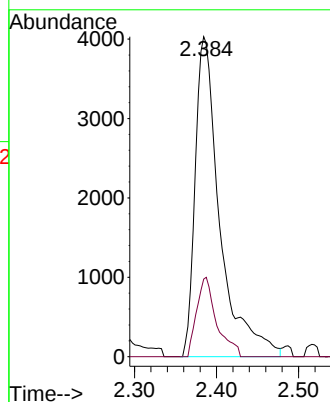
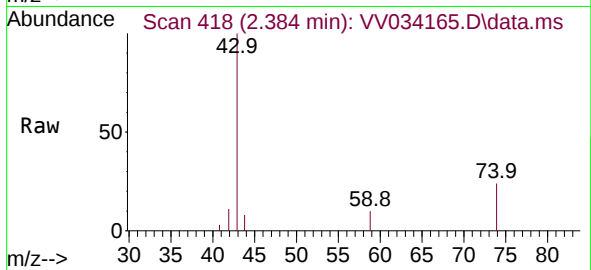




#15
Methyl Acetate
Concen: 4.557 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

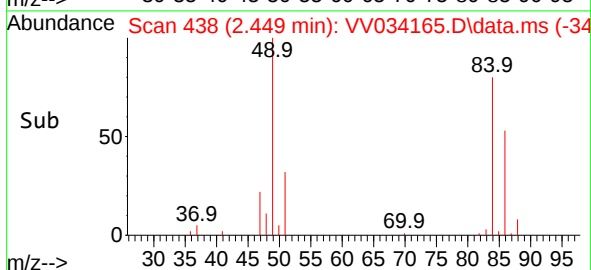
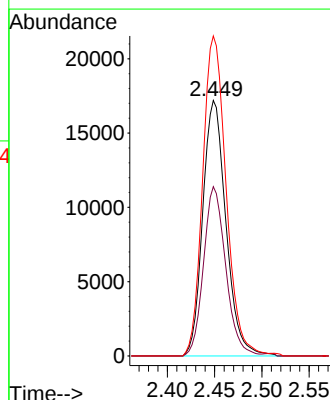
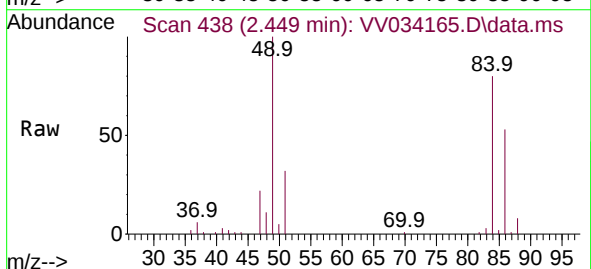
Instrument :
MSVOA_V
ClientSampleId :

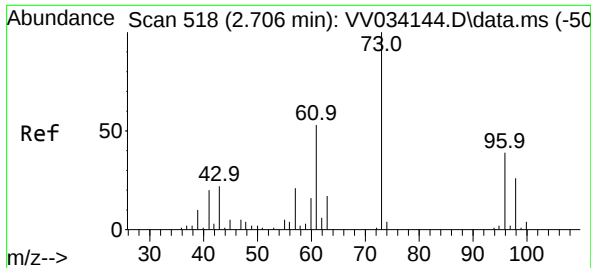
Tgt Ion: 43 Resp: 8405
Ion Ratio Lower Upper
43 100
74 20.0 18.2 27.4



#16
Methylene chloride
Concen: 5.546 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

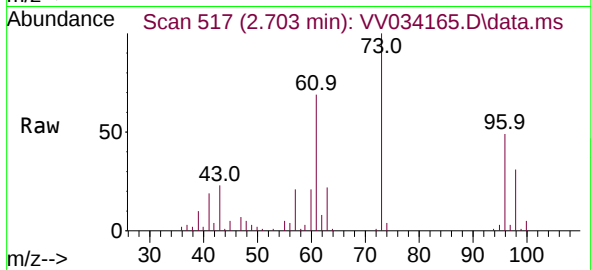
Tgt Ion: 84 Resp: 29359
Ion Ratio Lower Upper
84 100
86 66.3 44.7 83.1
49 125.3 93.7 173.9



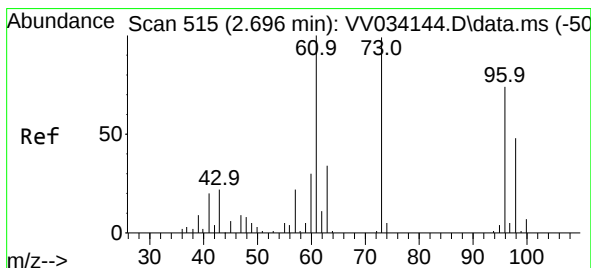
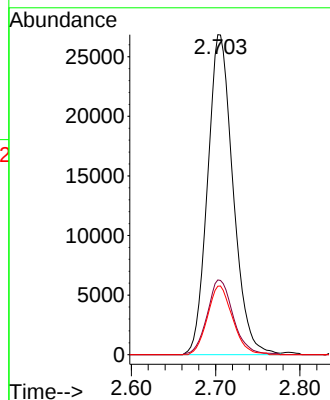
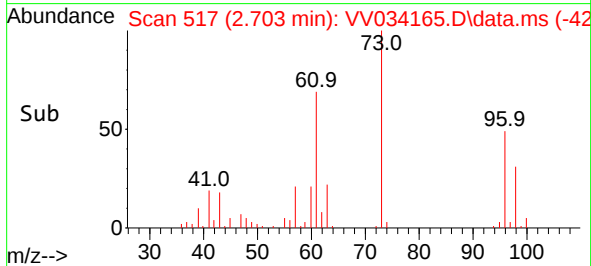


#17
Methyl tert-butyl Ether
Concen: 4.973 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

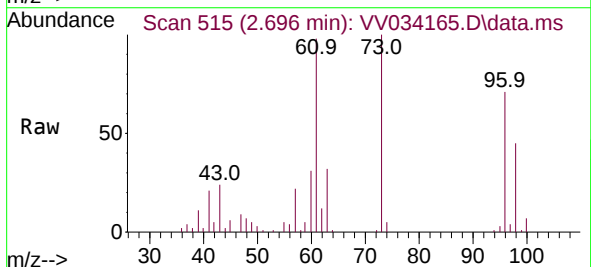
Instrument :
MSVOA_V
ClientSampleId :



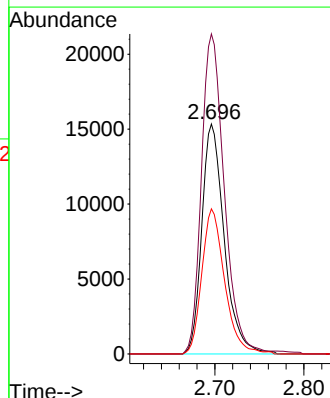
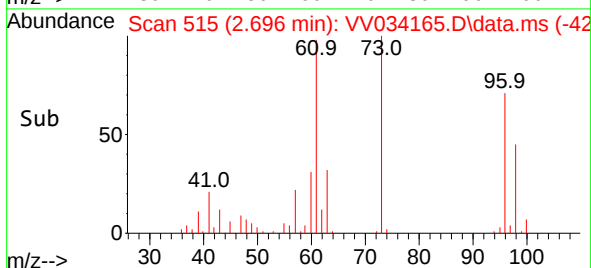
Tgt Ion: 73	Resp: 56378
Ion Ratio	Lower Upper
73 100	
43 24.0	17.7 26.5
57 21.2	17.9 26.9

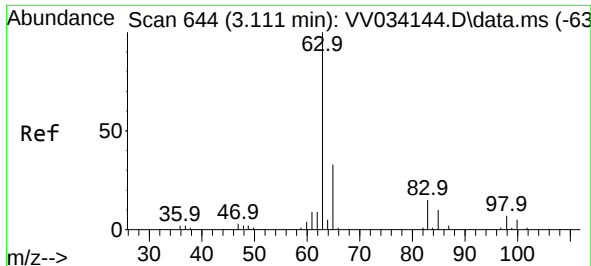


#18
trans-1,2-Dichloroethene
Concen: 4.775 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19



Tgt Ion: 96	Resp: 26837
Ion Ratio	Lower Upper
96 100	
61 139.1	97.6 181.4
98 63.1	44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.939 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

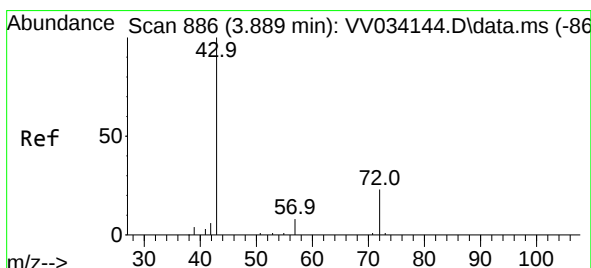
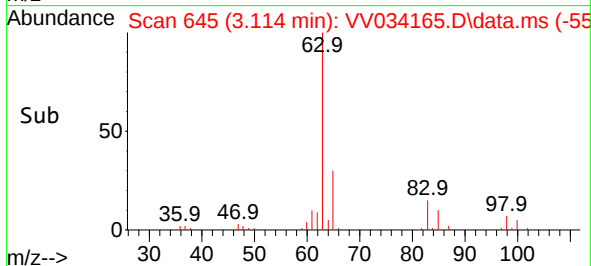
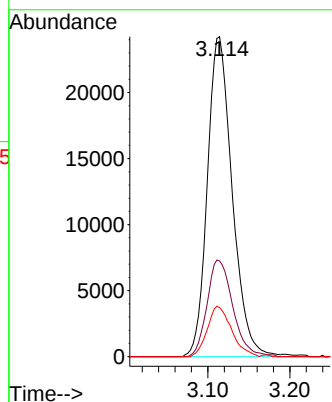
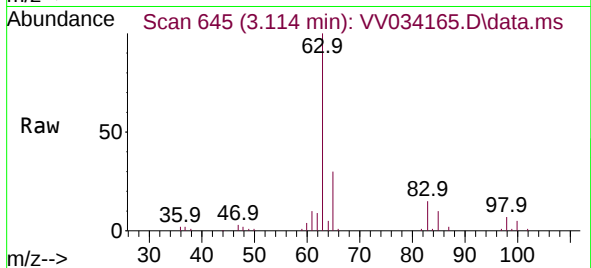
Tgt Ion: 63 Resp: 51008

Ion Ratio Lower Upper

63 100

65 29.9 20.8 38.6

83 15.3 9.4 17.4



#21

2-Butanone

Concen: 43.205 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.007 min

Lab File: VV034165.D

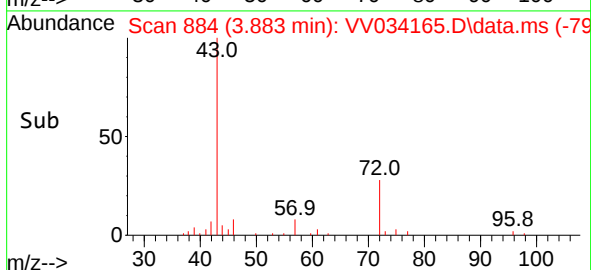
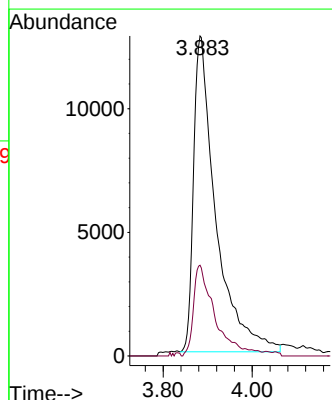
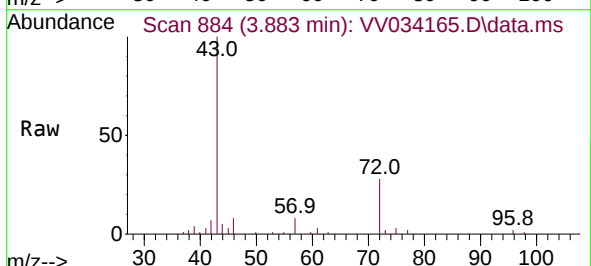
Acq: 13 Feb 2024 20:19

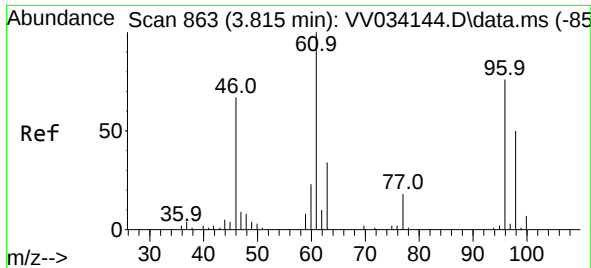
Tgt Ion: 43 Resp: 44498

Ion Ratio Lower Upper

43 100

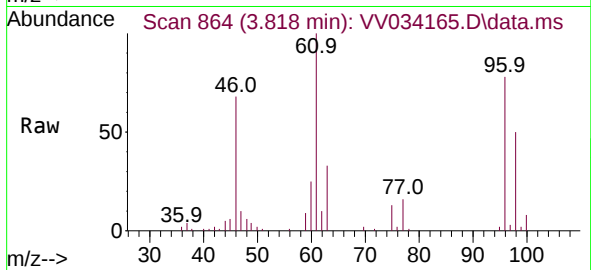
72 27.8 4.0 11.9#



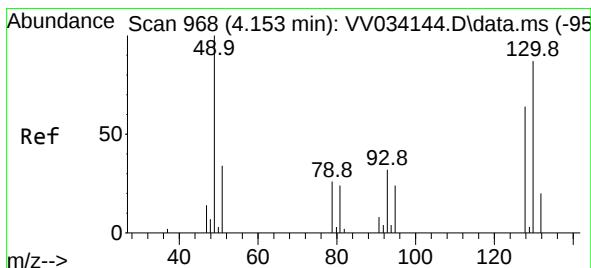
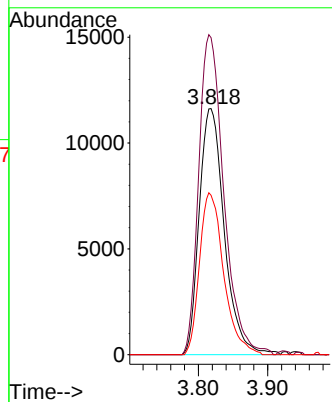
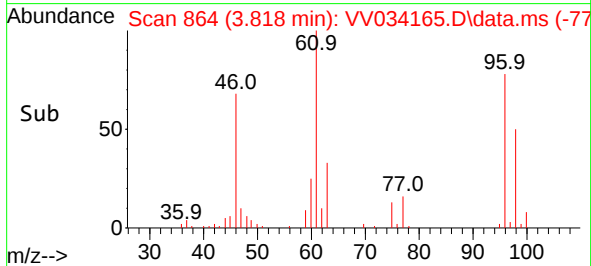


#22
 cis-1,2-Dichloroethene
 Concen: 4.586 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034165.D
 Acq: 13 Feb 2024 20:19

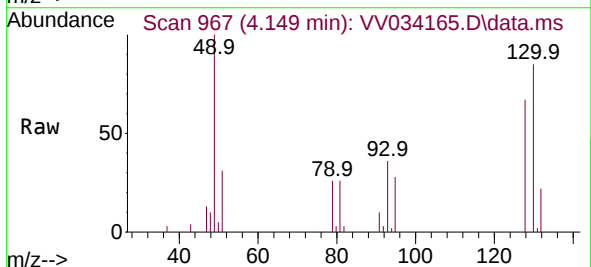
Instrument :
 MSVOA_V
 ClientSampleId :



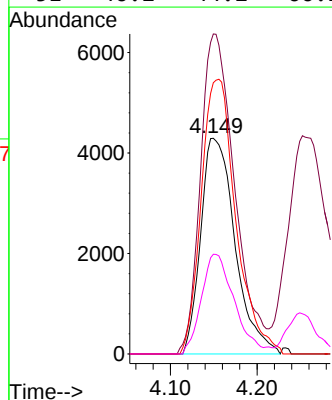
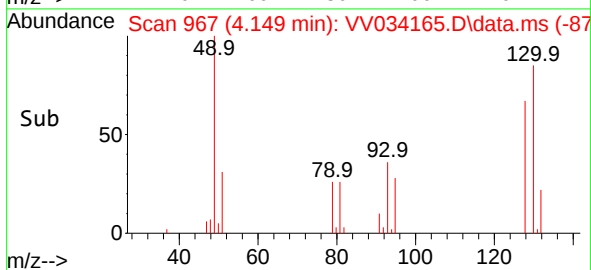
Tgt Ion: 96 Resp: 29241
 Ion Ratio Lower Upper
 96 100
 61 128.8 90.3 167.7
 98 64.8 43.2 80.2

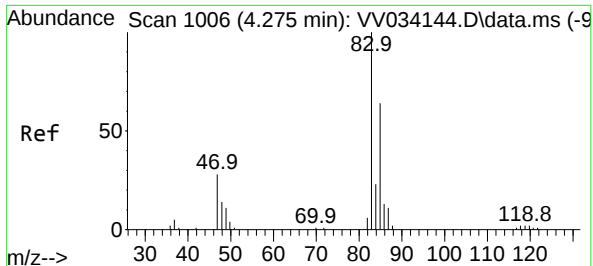


#23
 Bromochloromethane
 Concen: 5.327 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV034165.D
 Acq: 13 Feb 2024 20:19



Tgt Ion: 128 Resp: 11807
 Ion Ratio Lower Upper
 128 100
 49 148.3 120.5 223.7
 130 125.7 93.4 173.4
 51 46.2 44.2 66.2

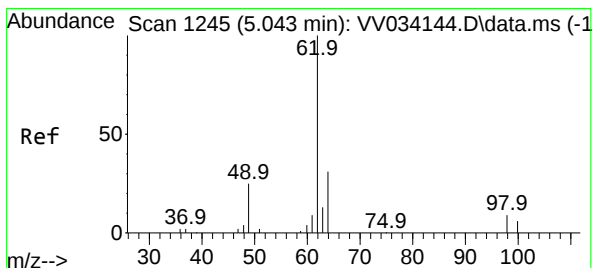
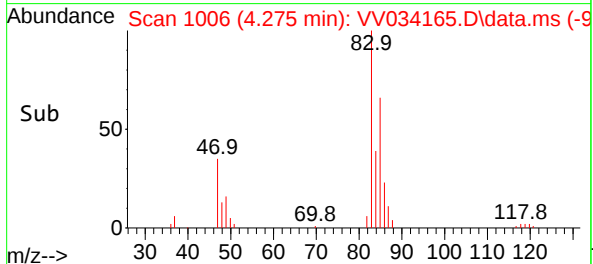
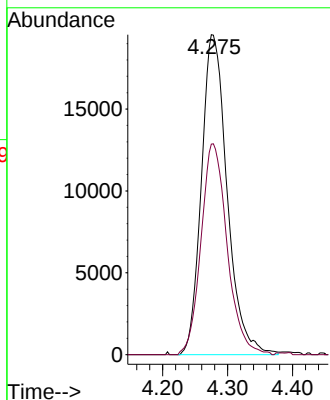
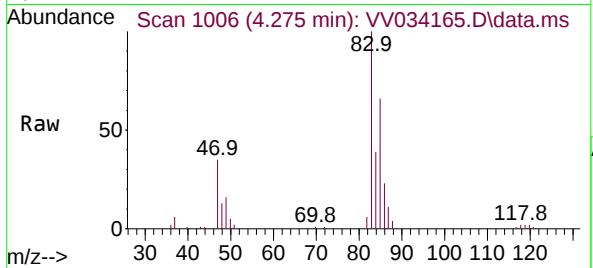




#25
Chloroform
Concen: 5.154 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

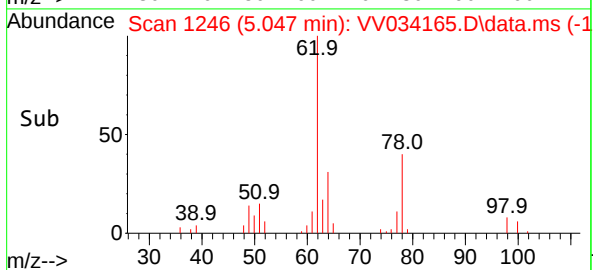
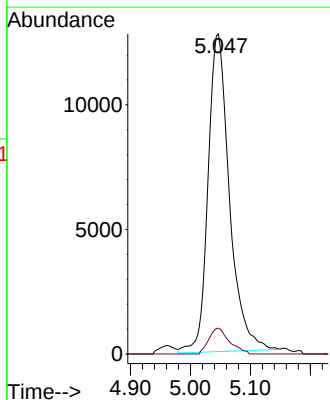
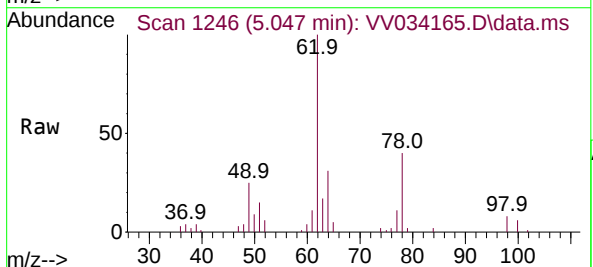
Instrument :
MSVOA_V
ClientSampleId :

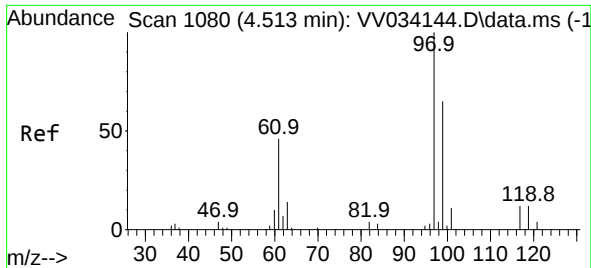
Tgt Ion: 83 Resp: 53800
Ion Ratio Lower Upper
83 100
85 65.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.297 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion: 62 Resp: 31662
Ion Ratio Lower Upper
62 100
98 8.0 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.373 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

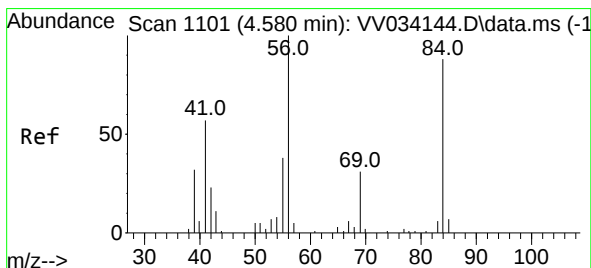
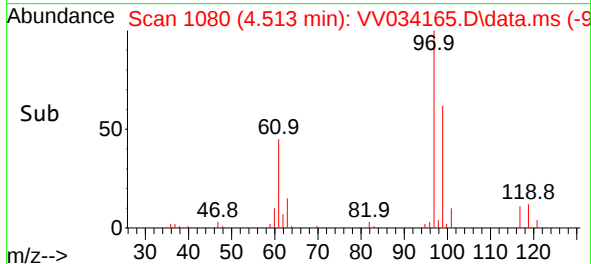
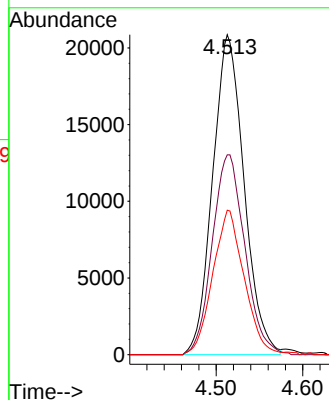
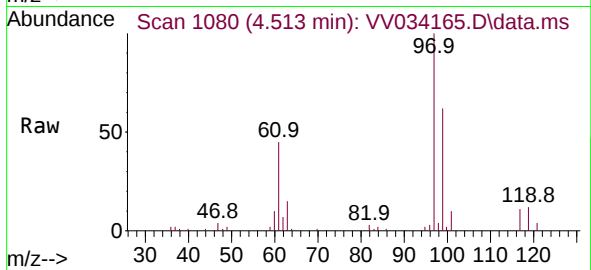
Tgt Ion: 97 Resp: 52517

Ion Ratio Lower Upper

97 100

99 64.8 50.6 75.8

61 45.1 36.8 55.2



#30

Cyclohexane

Concen: 4.445 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

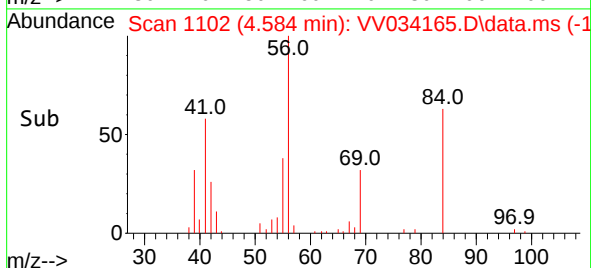
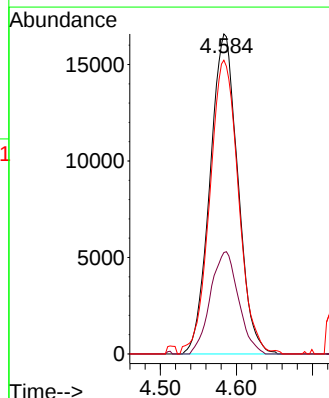
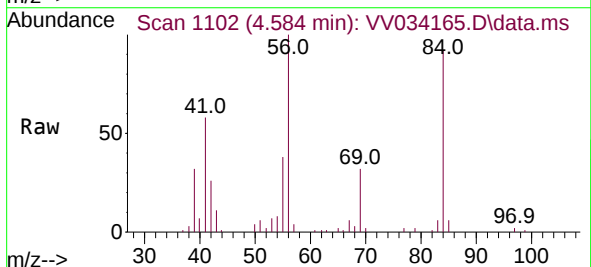
Tgt Ion: 56 Resp: 42252

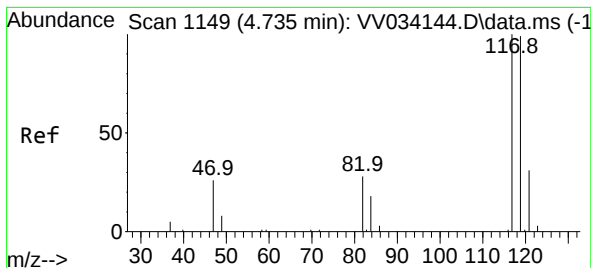
Ion Ratio Lower Upper

56 100

69 32.0 24.2 36.2

84 94.5 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.617 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

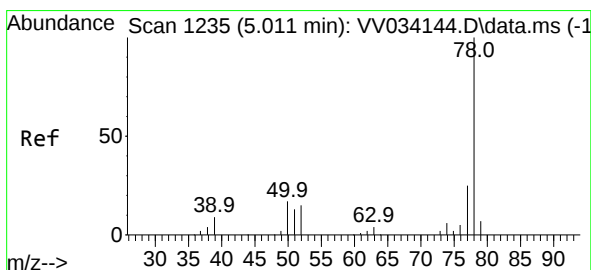
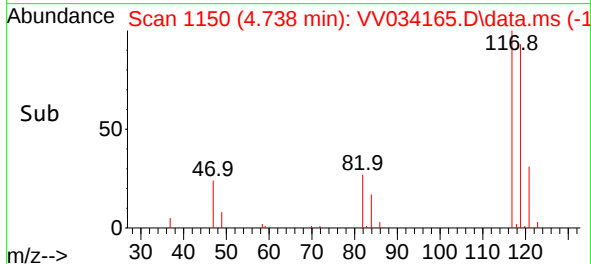
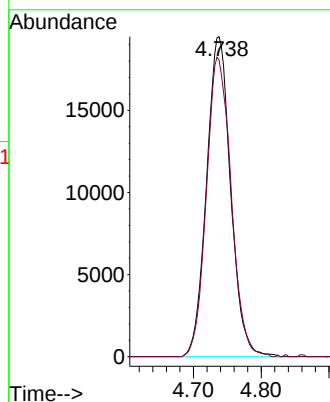
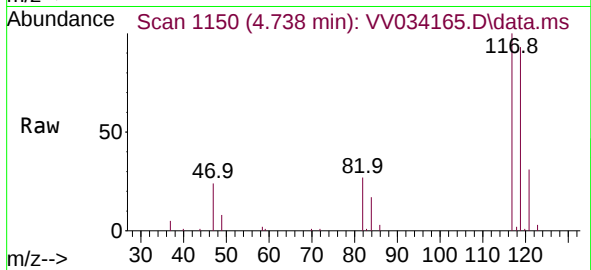
ClientSampleId :

Tgt Ion:117 Resp: 48045

Ion Ratio Lower Upper

117 100

119 96.0 76.1 114.1



#33

Benzene

Concen: 4.934 ug/L

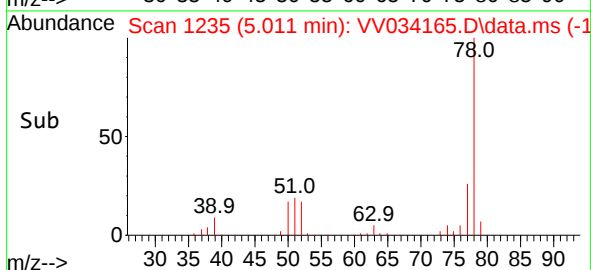
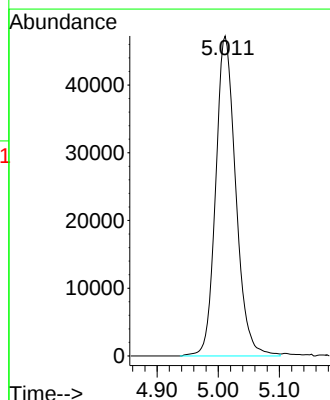
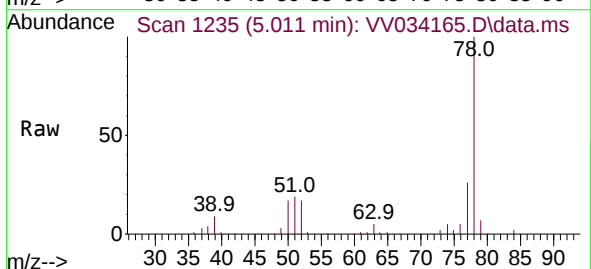
RT: 5.011 min Scan# 1235

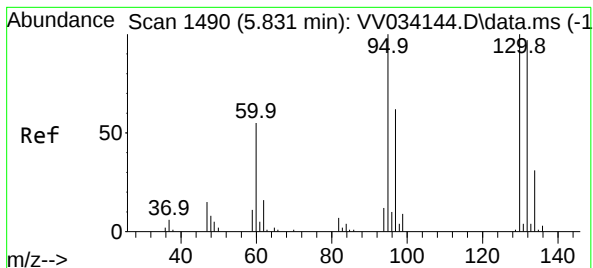
Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Tgt Ion: 78 Resp: 107750





#34

Trichloroethene

Concen: 4.792 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 30285

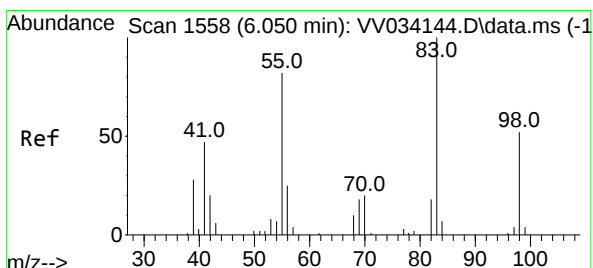
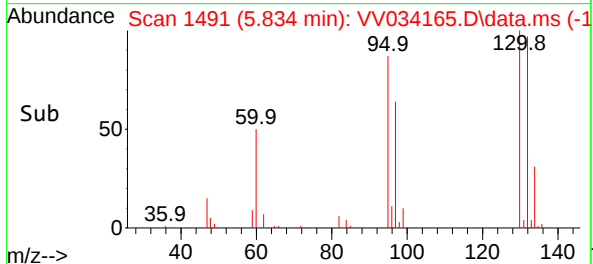
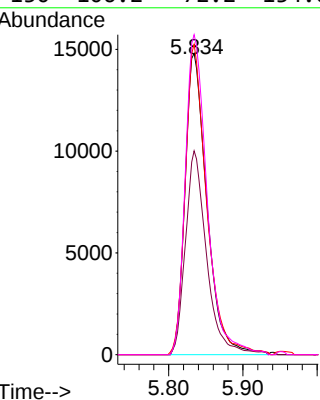
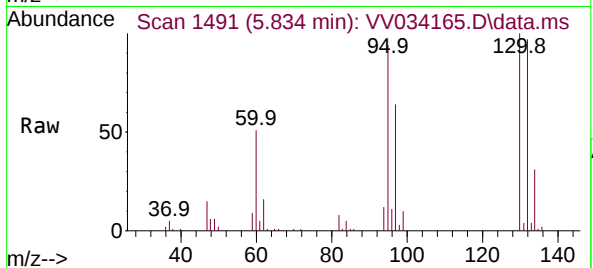
Ion Ratio Lower Upper

95 100

97 67.7 45.1 83.7

132 103.0 66.0 122.6

130 106.2 72.2 134.0



#35

Methylcyclohexane

Concen: 4.679 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

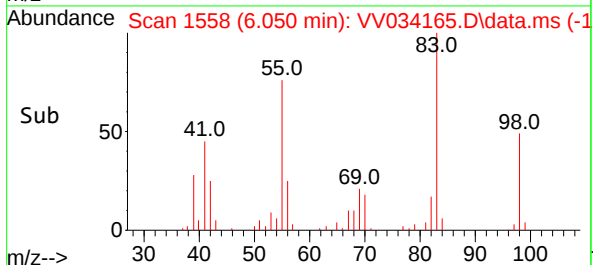
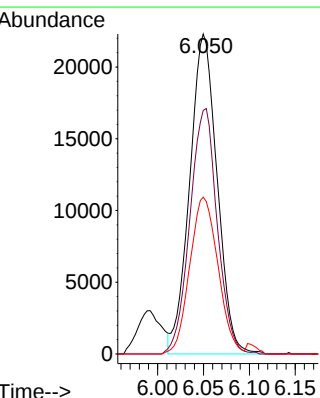
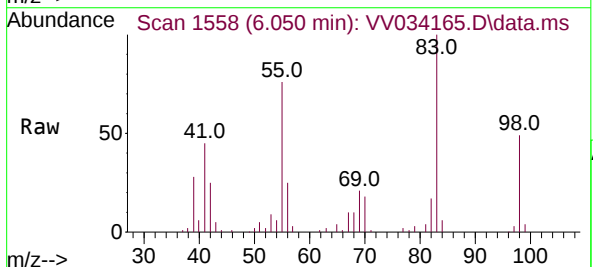
Tgt Ion: 83 Resp: 46420

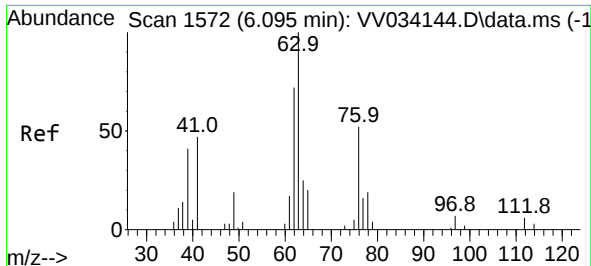
Ion Ratio Lower Upper

83 100

55 76.6 63.5 95.3

98 50.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.635 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

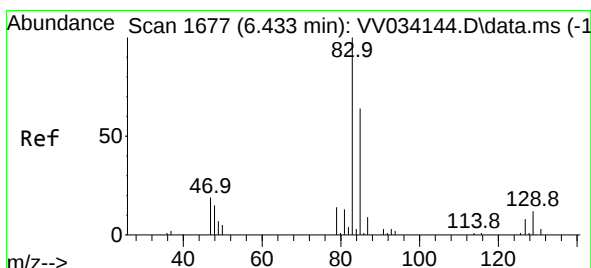
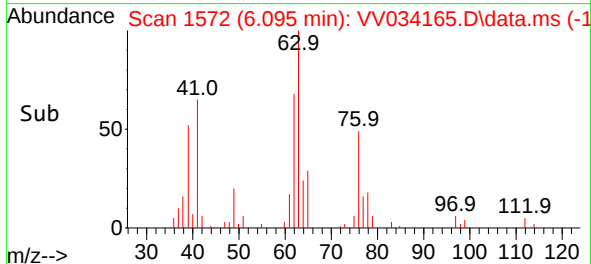
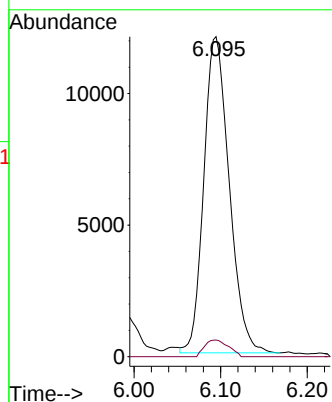
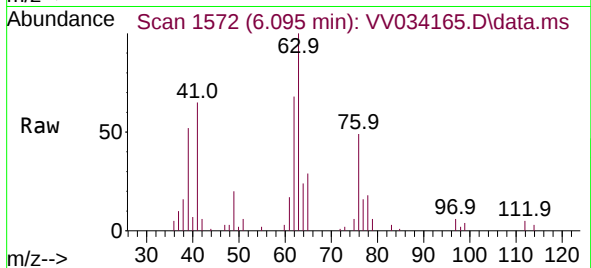
ClientSampleId :

Tgt Ion: 63 Resp: 24521

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.0



#38

Bromodichloromethane

Concen: 5.143 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

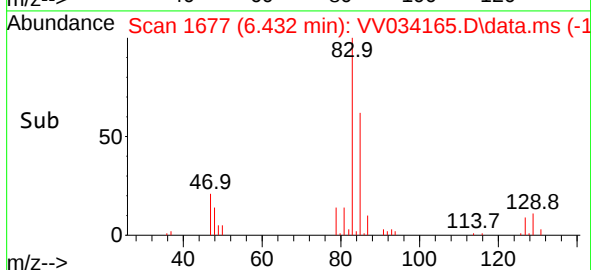
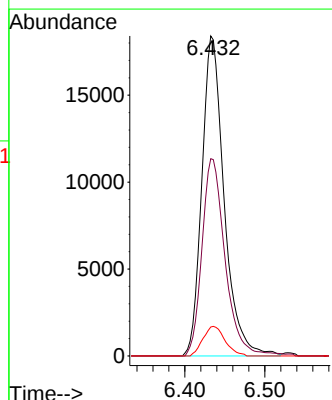
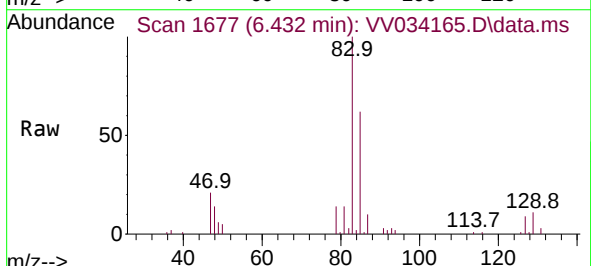
Tgt Ion: 83 Resp: 35711

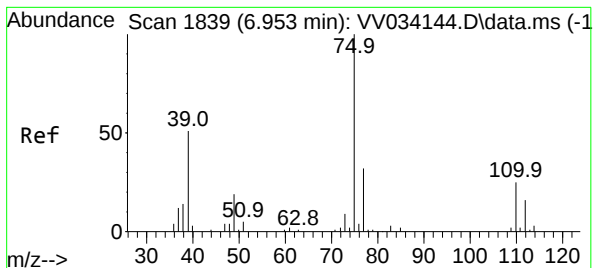
Ion Ratio Lower Upper

83 100

85 61.6 45.4 84.2

127 9.0 6.5 9.7

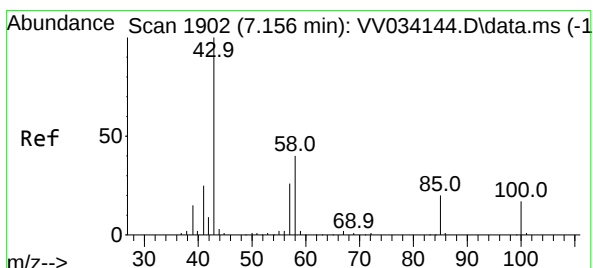
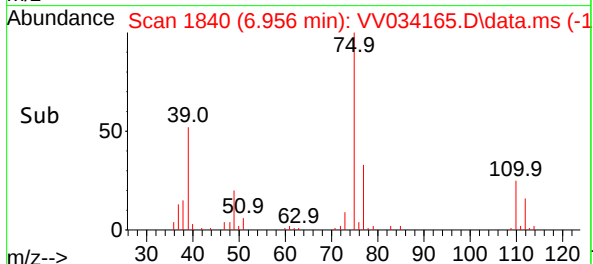
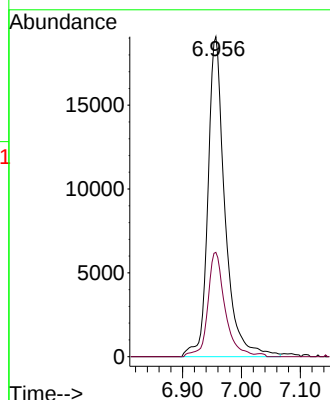
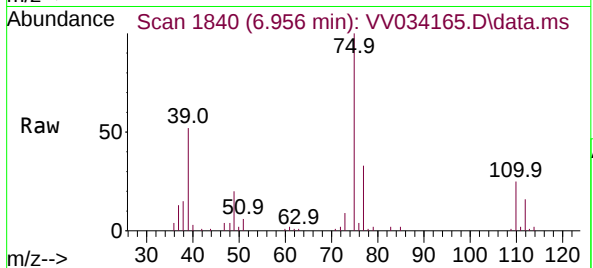




#39
 cis-1,3-Dichloropropene
 Concen: 4.771 ug/L
 RT: 6.956 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV034165.D
 Acq: 13 Feb 2024 20:19

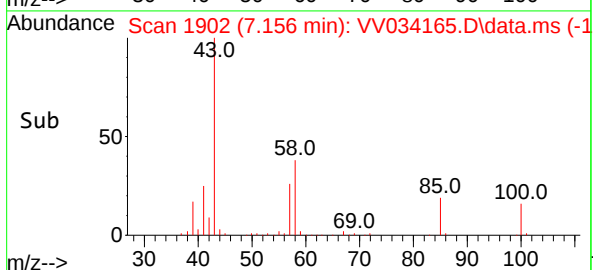
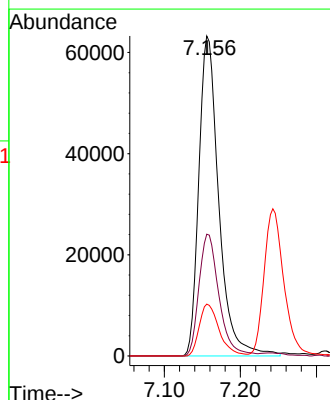
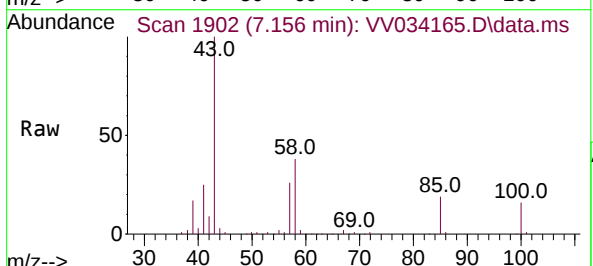
Instrument :
 MSVOA_V
 ClientSampleId :

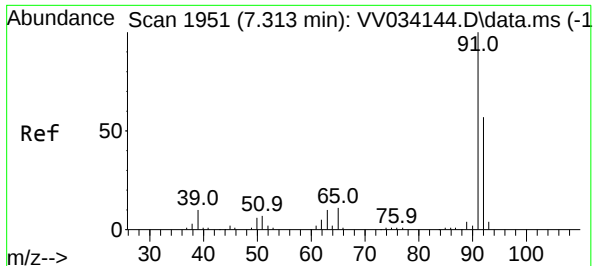
Tgt Ion: 75 Resp: 38404
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 45.502 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VV034165.D
 Acq: 13 Feb 2024 20:19

Tgt Ion: 43 Resp: 115259
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.2
 100 16.2 12.1 18.1





#42

Toluene

Concen: 5.083 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

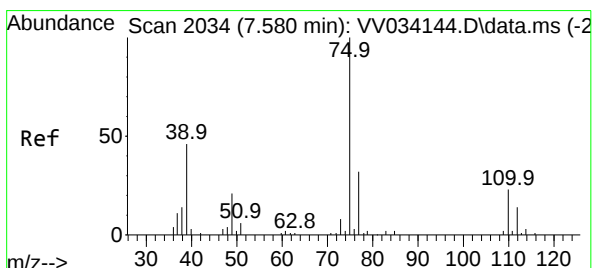
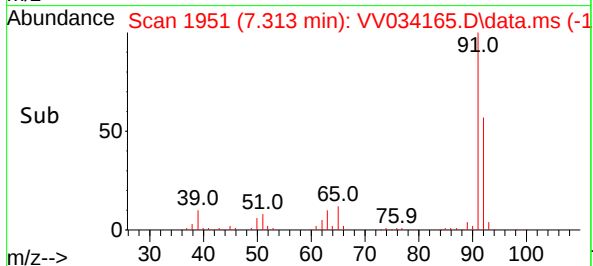
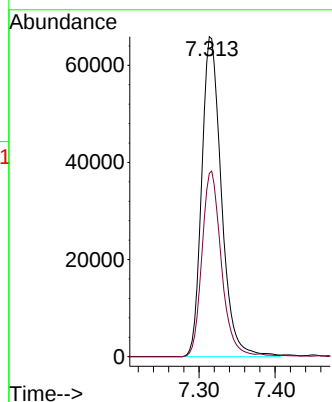
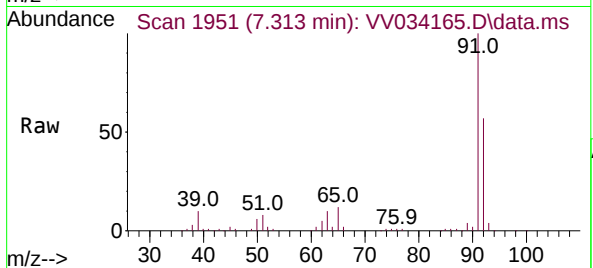
ClientSampleId :

Tgt Ion: 91 Resp: 118644

Ion Ratio Lower Upper

91 100

92 57.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.962 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV034165.D

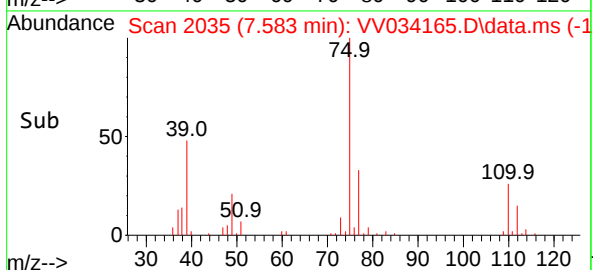
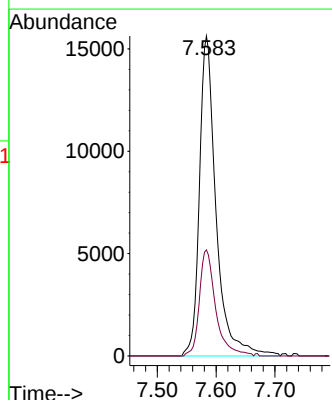
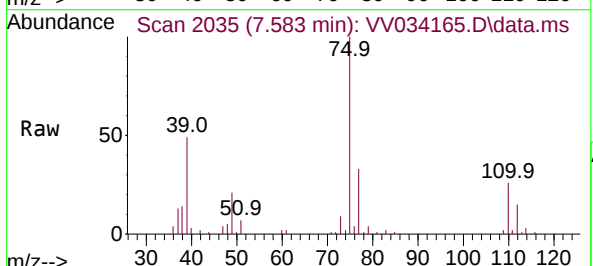
Acq: 13 Feb 2024 20:19

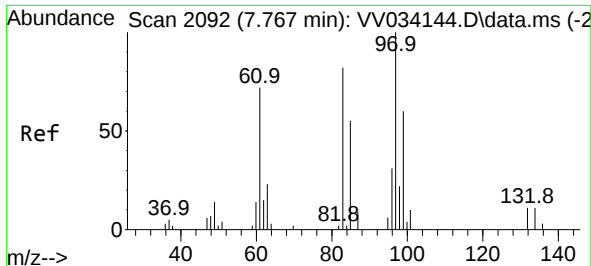
Tgt Ion: 75 Resp: 30665

Ion Ratio Lower Upper

75 100

77 33.1 22.2 41.2

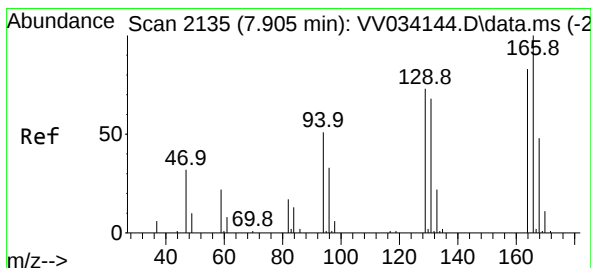
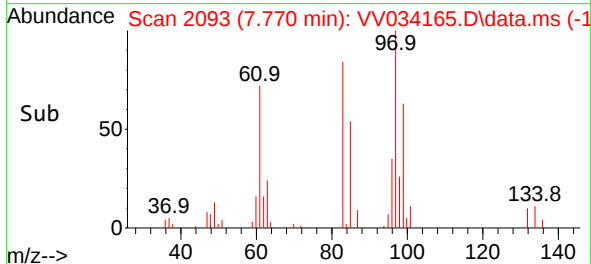
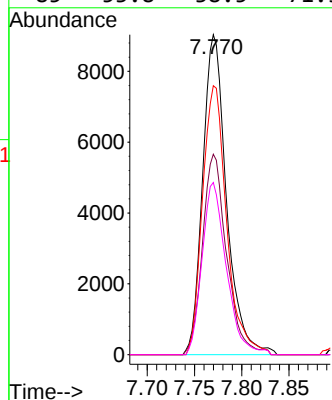
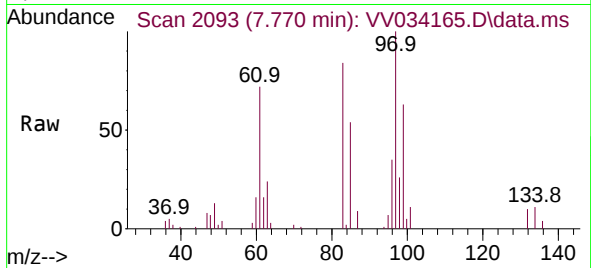




#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

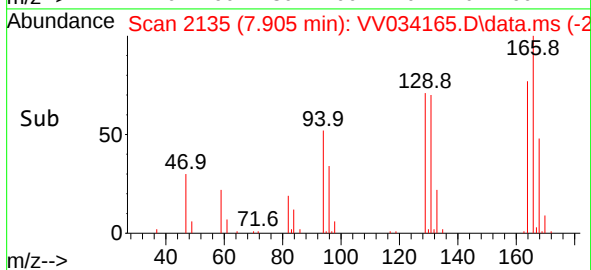
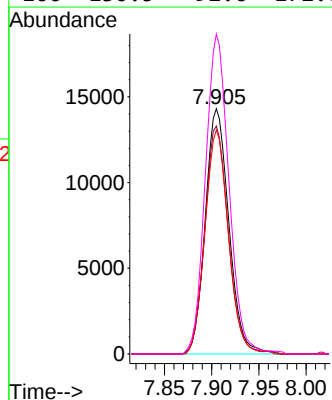
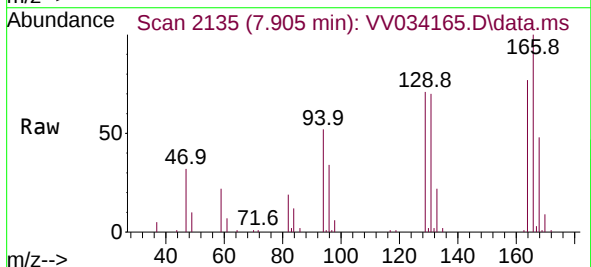
Instrument :
MSVOA_V
ClientSampleId :

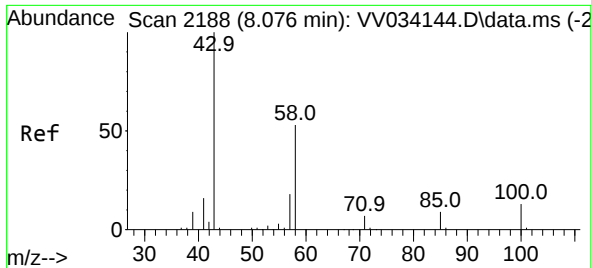
Tgt Ion: 97	Resp: 15844
Ion Ratio	Lower Upper
97 100	
99 62.7	45.6 84.6
83 84.1	62.3 115.7
85 53.8	38.5 71.5



#47
Tetrachloroethene
Concen: 4.845 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt	Ion:164	Resp:	24883
Ion	Ratio	Lower	Upper
164	100		
129	92.9	67.8	125.8
131	91.3	63.0	117.0
166	130.5	92.6	172.0

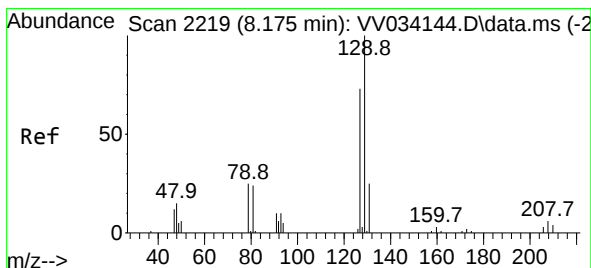
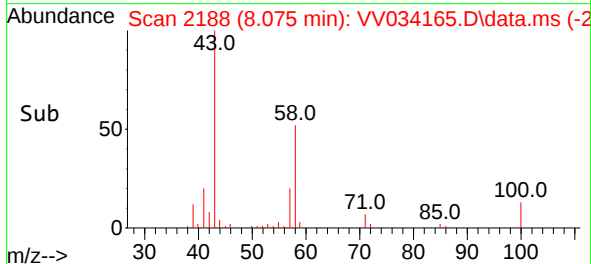
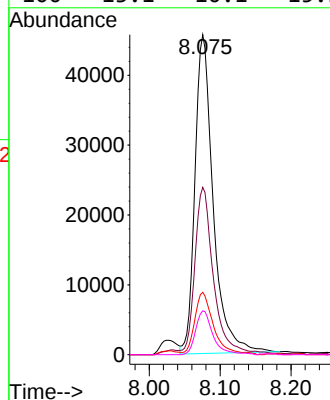
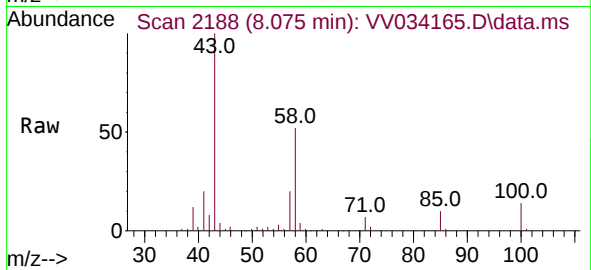




#48
2-Hexanone
Concen: 45.784 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

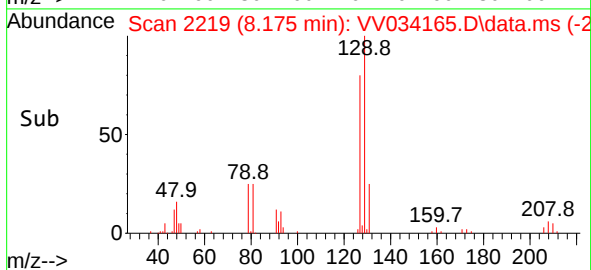
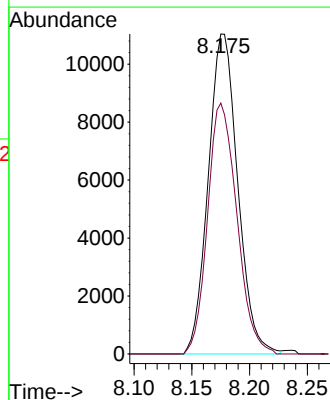
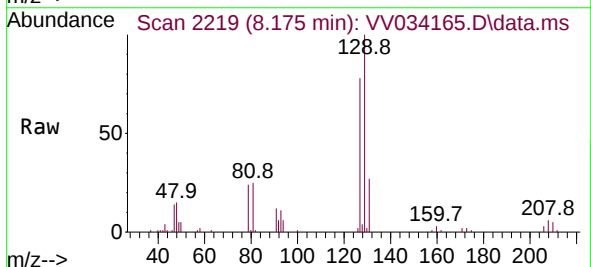
Instrument :
MSVOA_V
ClientSampleId :

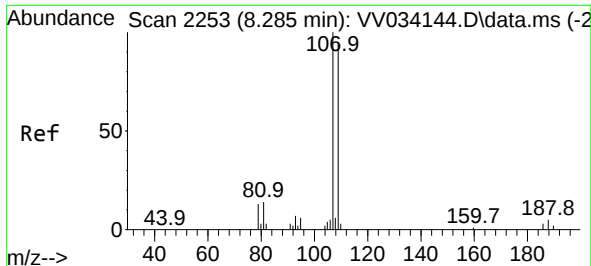
Tgt Ion: 43	Resp: 81749
Ion Ratio	Lower Upper
43 100	
58 53.1	42.6 64.0
57 20.2	15.5 23.3
100 13.1	10.1 15.1



#49
Dibromochloromethane
Concen: 5.061 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion:129	Resp: 19644		
Ion Ratio	Lower	Upper	
129 100			
127 78.4	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 4.823 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034165.D

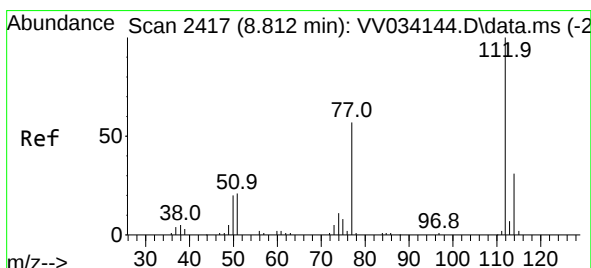
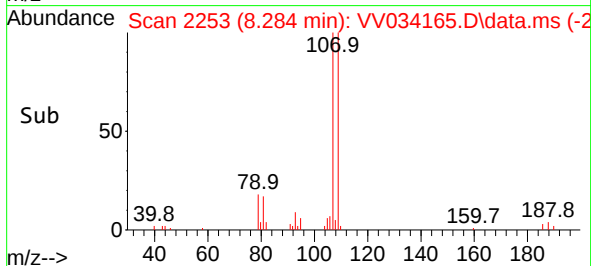
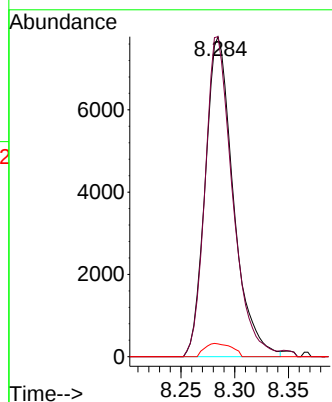
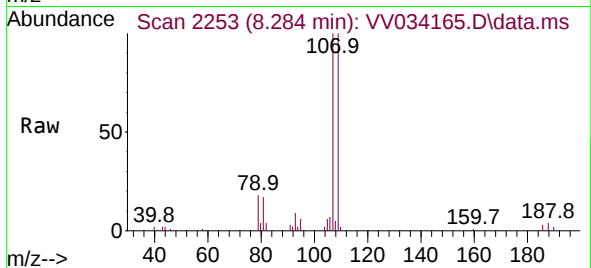
Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	14140
Ion Ratio	Lower	Upper
107	100	
109	100.1	64.5 119.9
188	4.0	2.6 4.0#



#51

Chlorobenzene

Concen: 5.103 ug/L

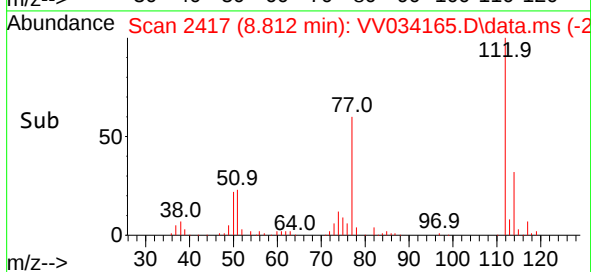
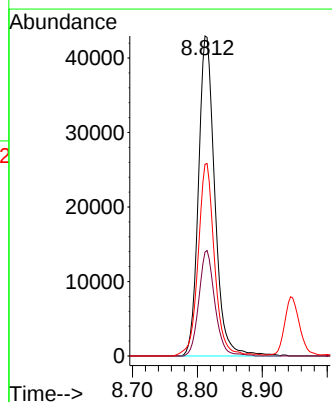
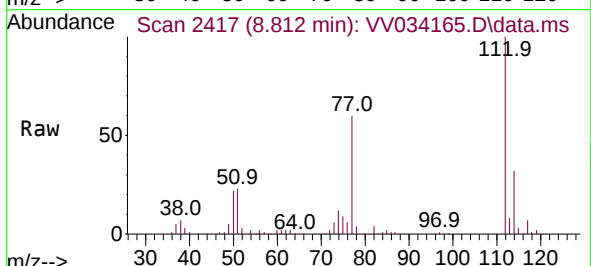
RT: 8.812 min Scan# 2417

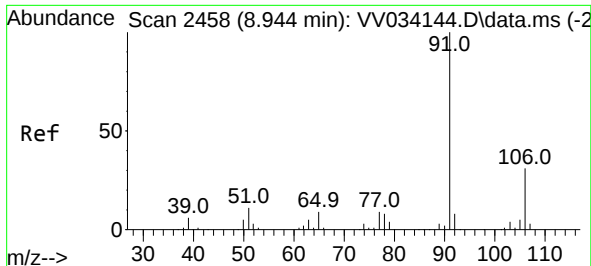
Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Tgt Ion:112	Resp:	75303
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.5 41.7
77	59.9	48.1 72.1

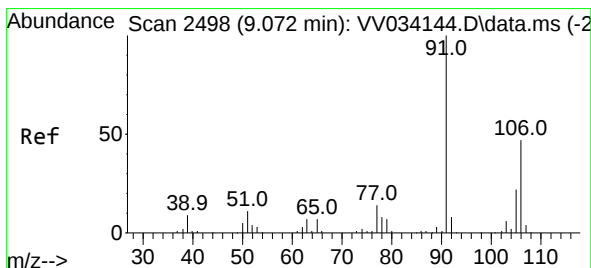
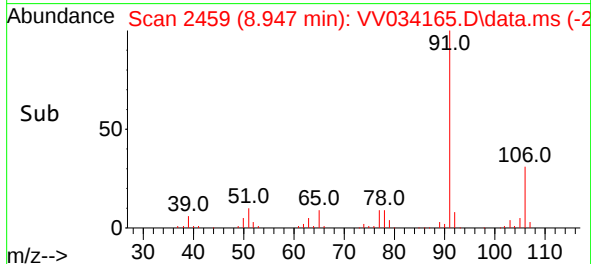
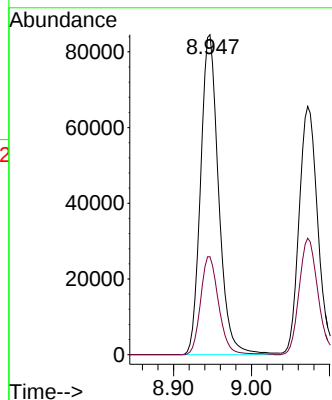
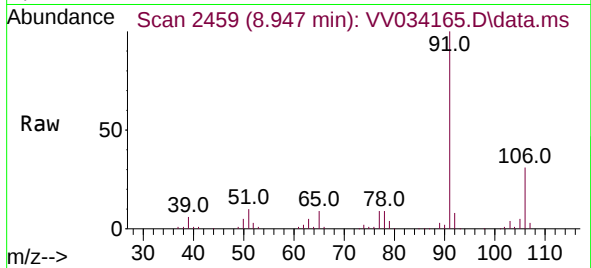




#52
Ethylbenzene
Concen: 5.058 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

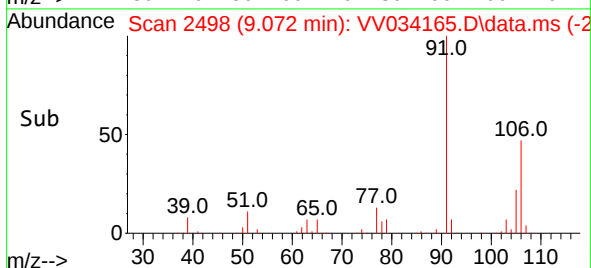
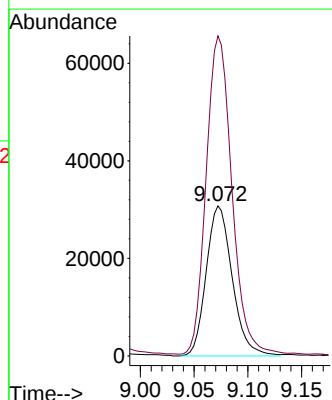
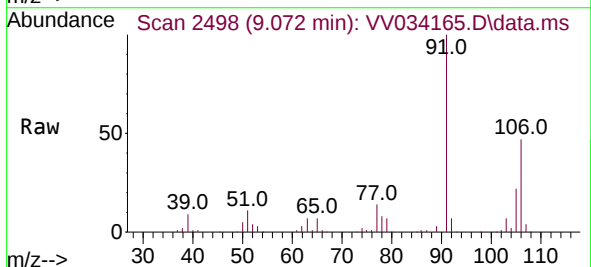
Instrument :
MSVOA_V
ClientSampleId :

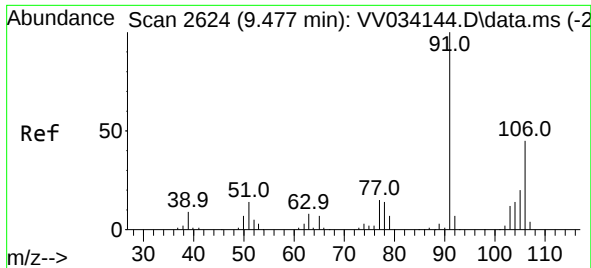
Tgt Ion: 91 Resp: 135876
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 5.109 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion:106 Resp: 51871
Ion Ratio Lower Upper
106 100
91 213.2 147.5 273.9

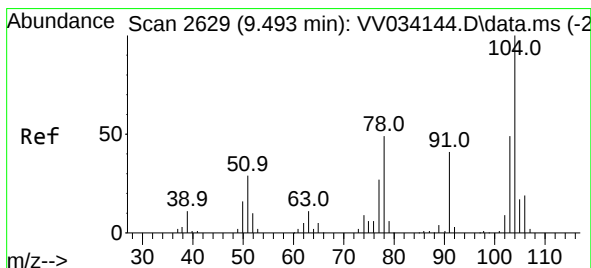
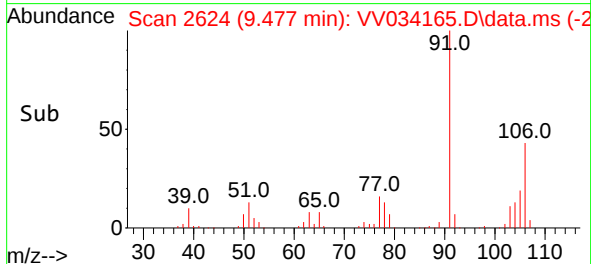
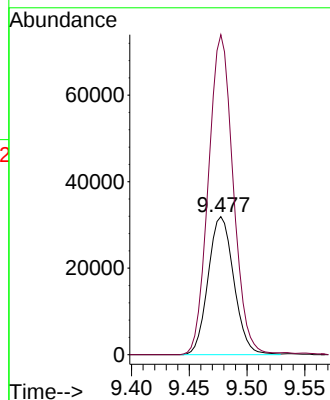
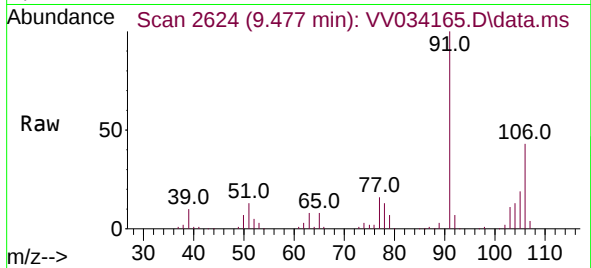




#54
o-Xylene
Concen: 5.051 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

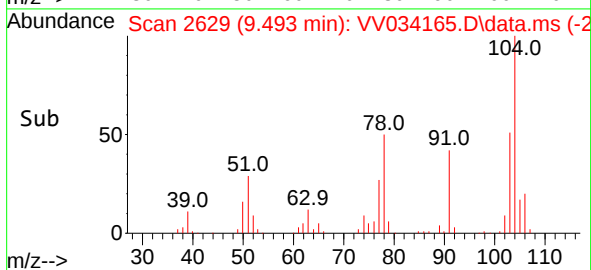
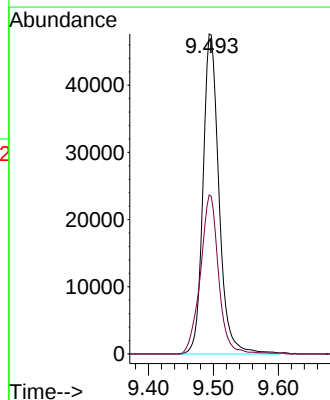
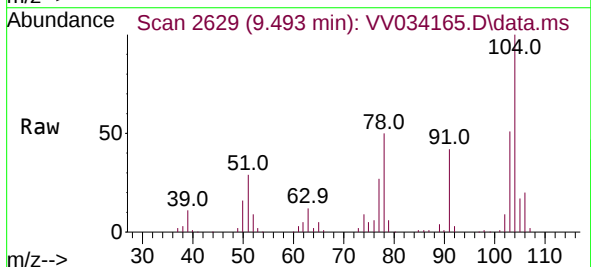
Instrument : MSVOA_V
ClientSampleId :

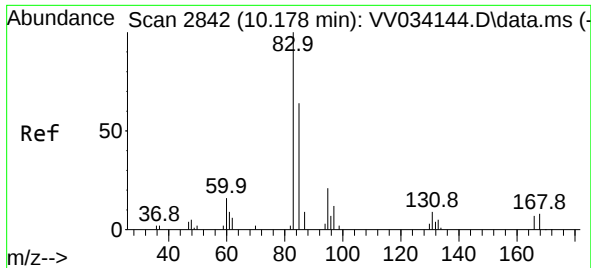
Tgt Ion:106 Resp: 49445
Ion Ratio Lower Upper
106 100
91 231.8 156.2 290.0



#55
Styrene
Concen: 5.215 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion:104 Resp: 81735
Ion Ratio Lower Upper
104 100
78 49.7 32.9 61.1

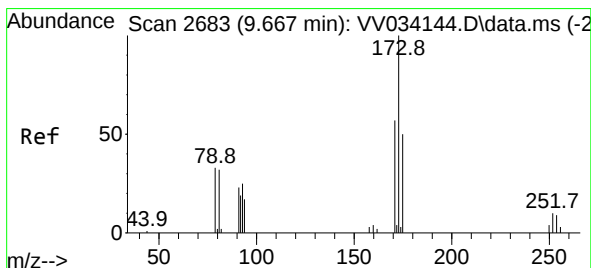
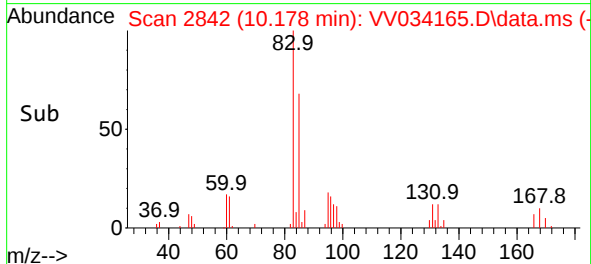
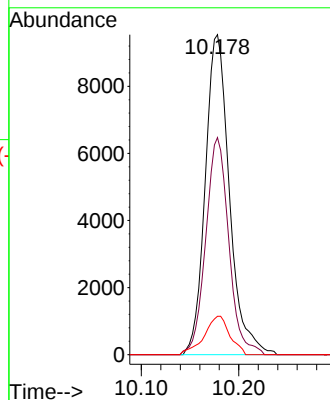
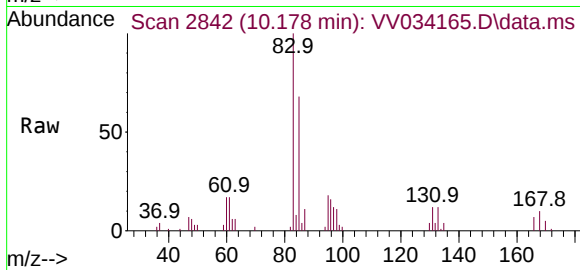




#57
1,1,2,2-Tetrachloroethane
Concen: 4.771 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

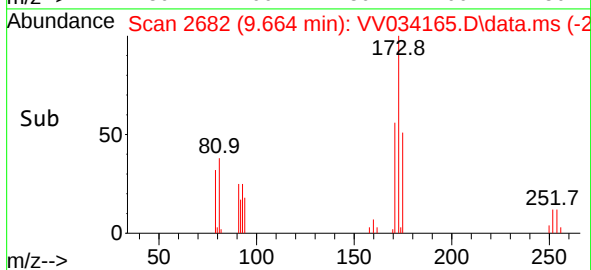
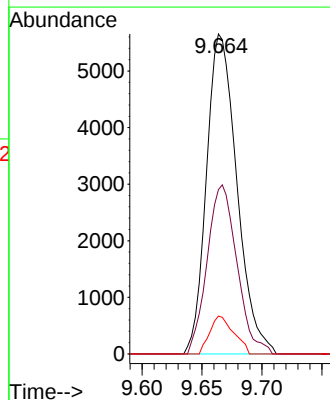
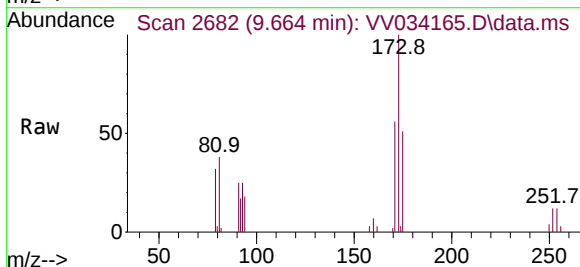
Instrument :
MSVOA_V
ClientSampleId :

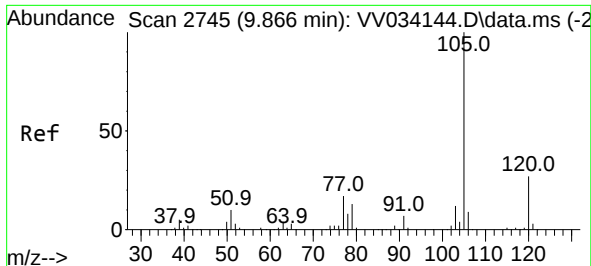
Tgt Ion:	83	Resp:	16449
Ion Ratio	Lower	Upper	
83	100		
85	67.9	46.5	86.3
131	12.0	8.4	12.6



#59
Bromoform
Concen: 4.624 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

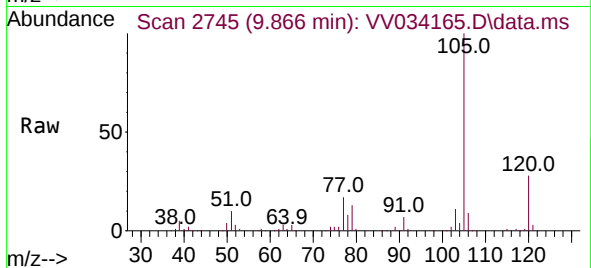
Tgt Ion:	173	Resp:	9964
Ion Ratio	Lower	Upper	
173	100		
175	51.7	38.6	57.8
254	9.3	7.2	10.8



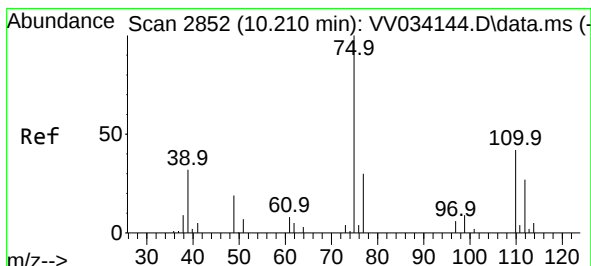
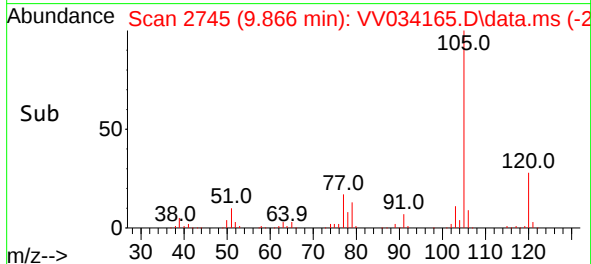
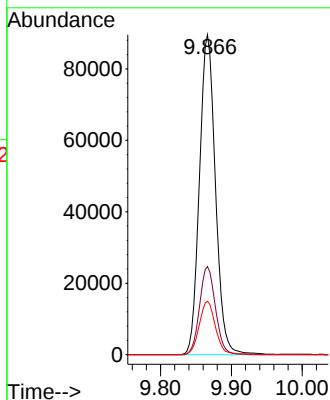


#60
Isopropylbenzene
Concen: 4.851 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Instrument :
MSVOA_V
ClientSampleId :

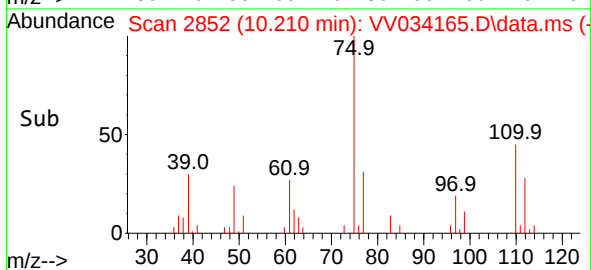
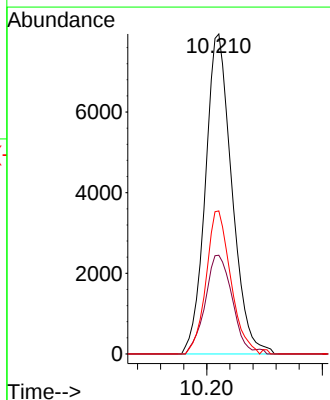
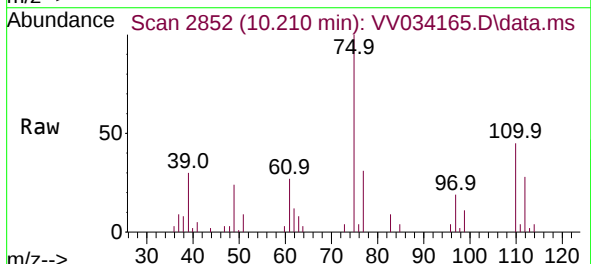


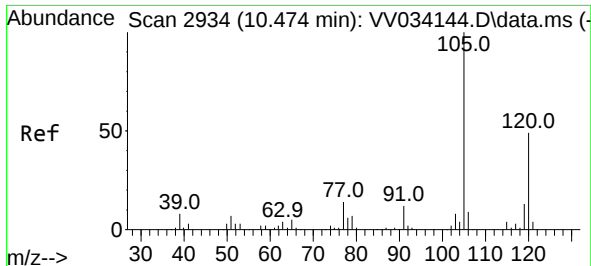
Tgt Ion:105 Resp: 140391
Ion Ratio Lower Upper
105 100
120 27.4 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.697 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

Tgt Ion: 75 Resp: 12630
Ion Ratio Lower Upper
75 100
77 31.6 26.9 40.3
110 41.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.884 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

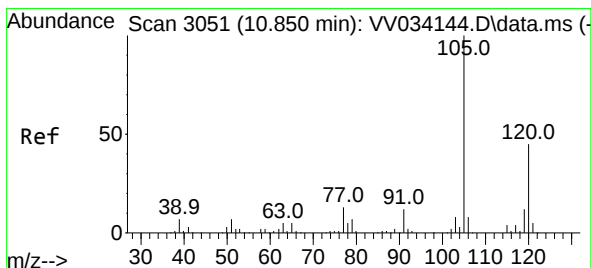
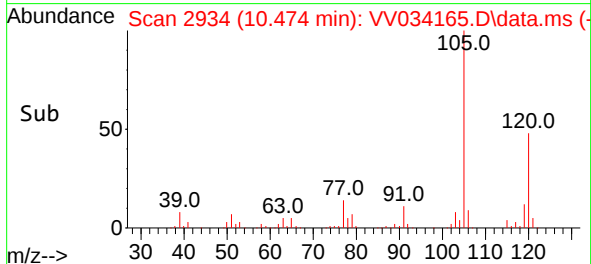
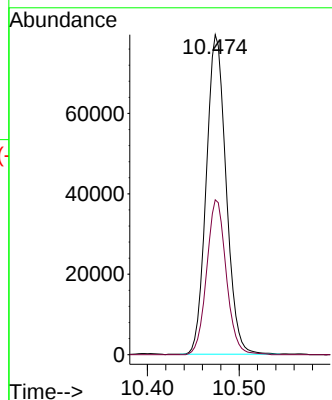
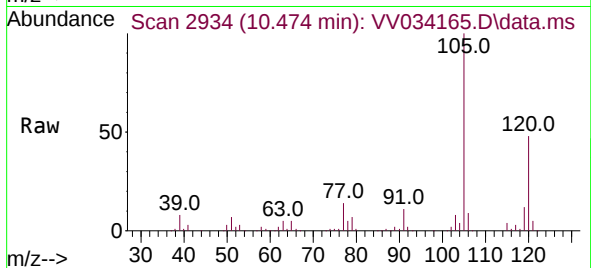
ClientSampleId :

Tgt Ion:105 Resp: 119487

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.874 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034165.D

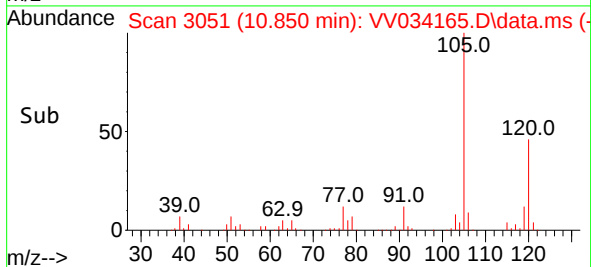
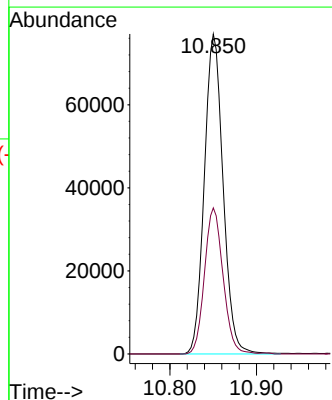
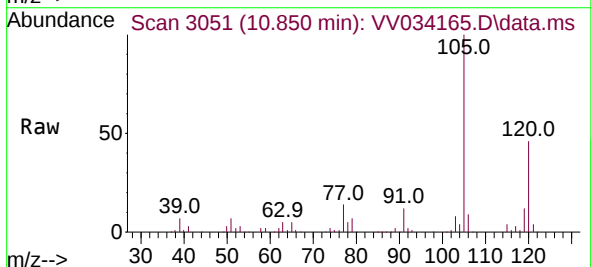
Acq: 13 Feb 2024 20:19

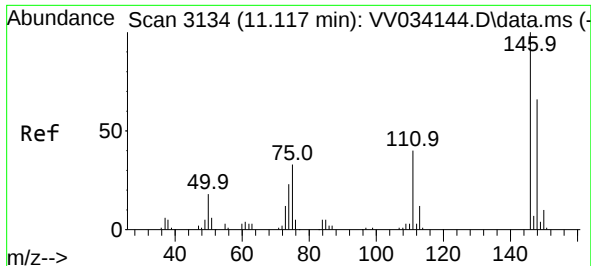
Tgt Ion:105 Resp: 115867

Ion Ratio Lower Upper

105 100

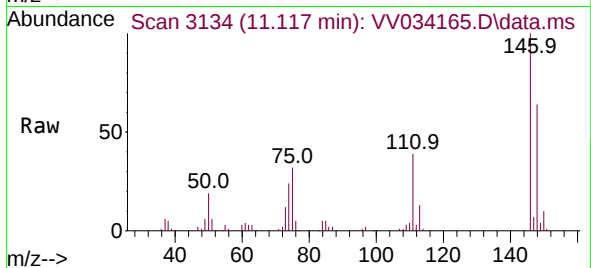
120 45.1 36.2 54.2



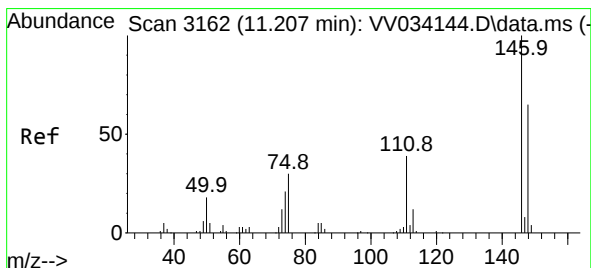
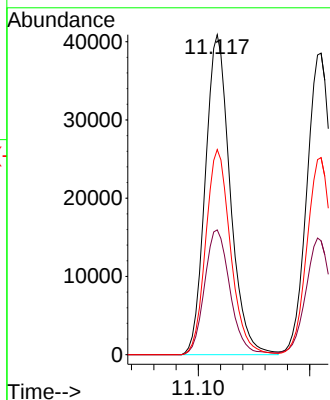
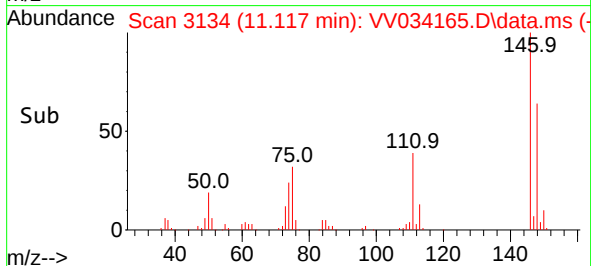


#64
1,3-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

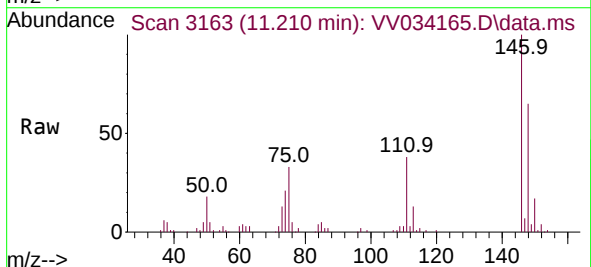
Instrument :
MSVOA_V
ClientSampleId :



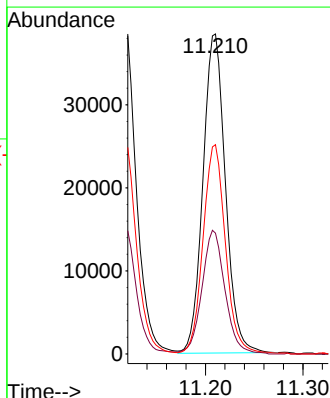
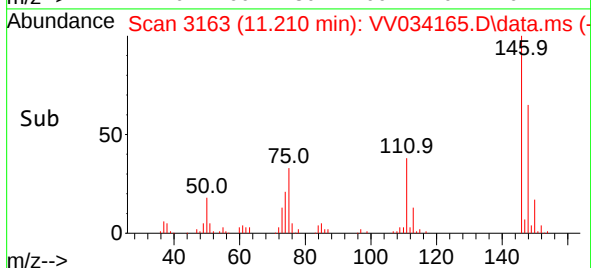
Tgt Ion:146 Resp: 63400
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 64.1 44.4 82.4

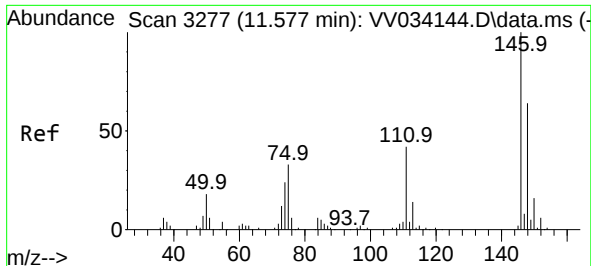


#65
1,4-Dichlorobenzene
Concen: 4.928 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19



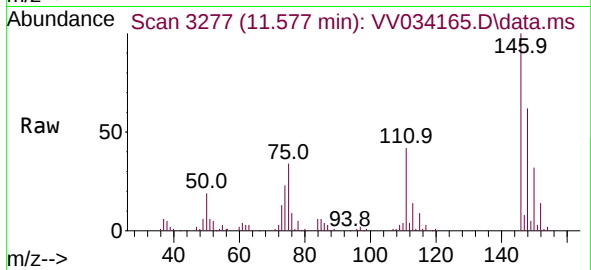
Tgt Ion:146 Resp: 61578
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.4
148 65.4 44.8 83.2



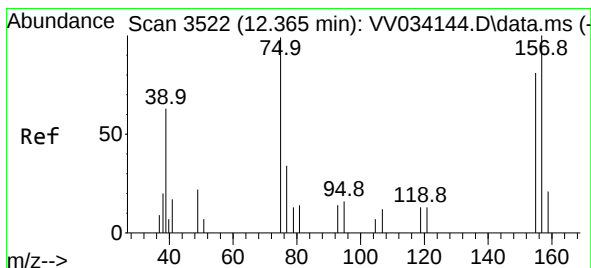
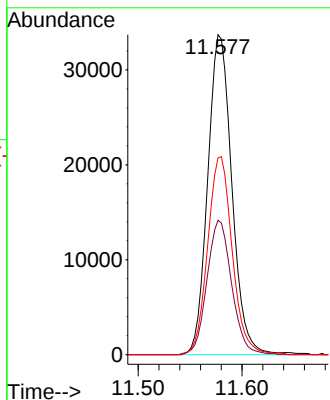
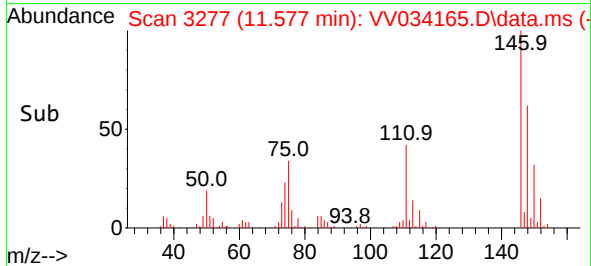


#67
1,2-Dichlorobenzene
Concen: 5.016 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19

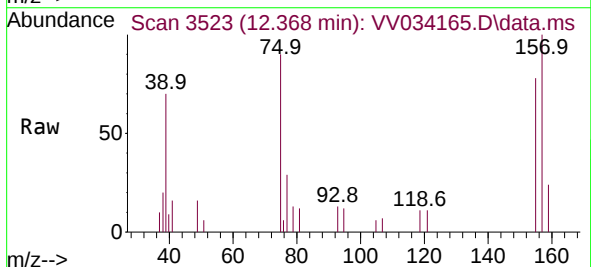
Instrument :
MSVOA_V
ClientSampleId :



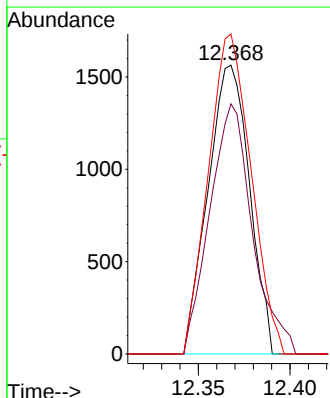
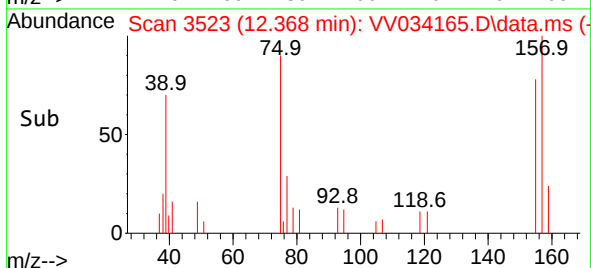
Tgt Ion:146 Resp: 54363
Ion Ratio Lower Upper
146 100
111 42.0 31.2 46.8
148 61.5 49.8 74.8

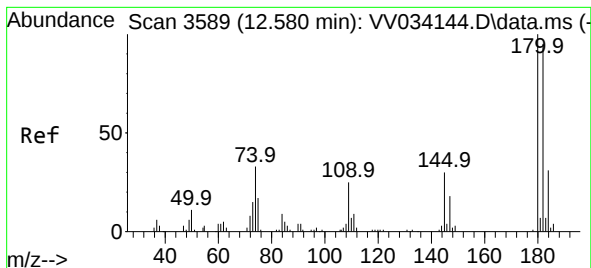


#68
1,2-Dibromo-3-chloropropane
Concen: 4.371 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034165.D
Acq: 13 Feb 2024 20:19



Tgt Ion: 75 Resp: 2463
Ion Ratio Lower Upper
75 100
155 86.6 68.9 103.3
157 110.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.133 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

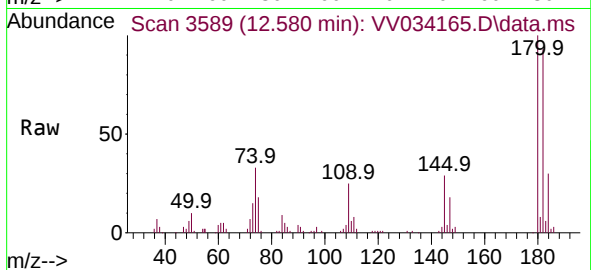
Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 50124

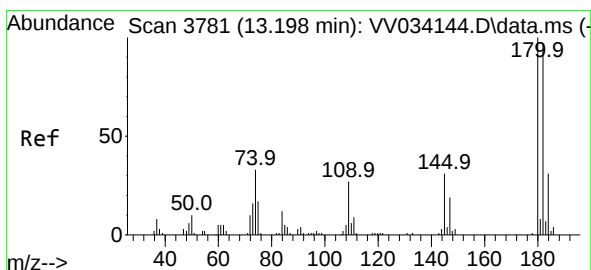
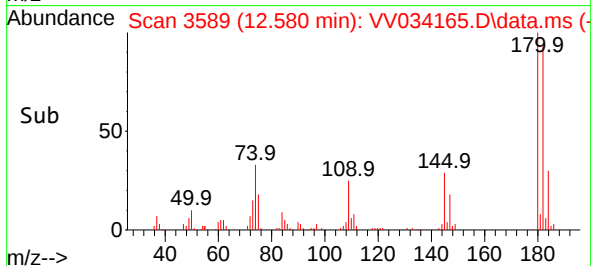
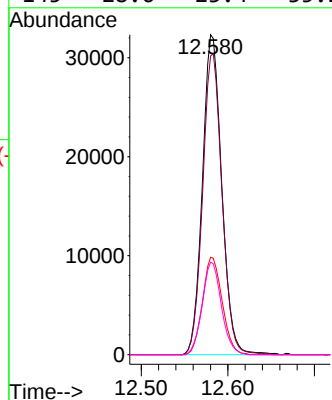
Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.4

184 31.0 23.8 35.6

145 28.6 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.089 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

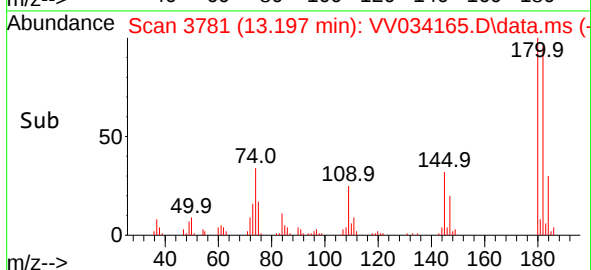
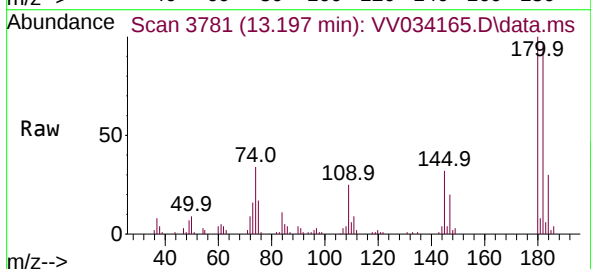
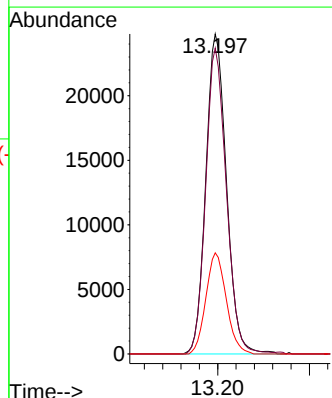
Tgt Ion:180 Resp: 38797

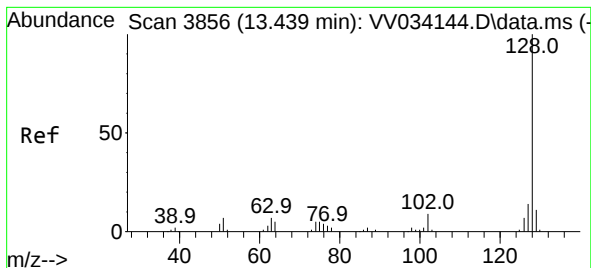
Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 31.2 24.8 37.2





#71

Naphthalene

Concen: 4.792 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

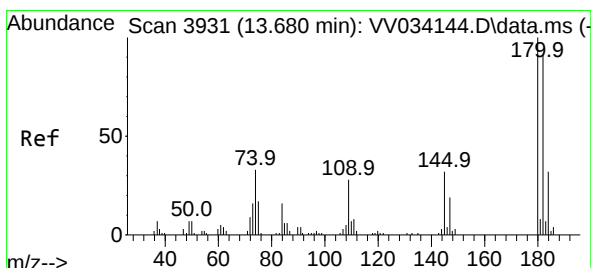
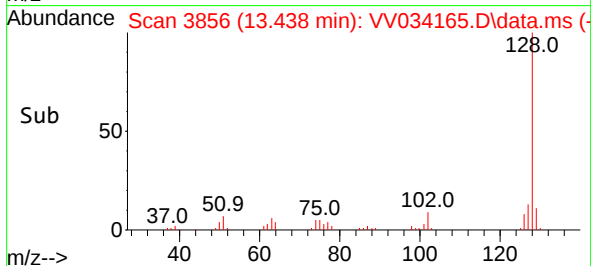
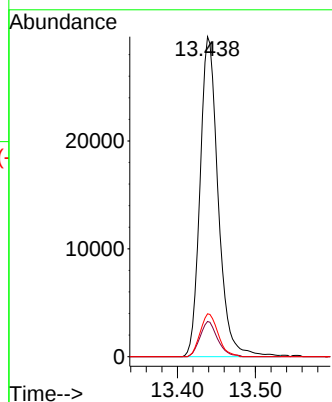
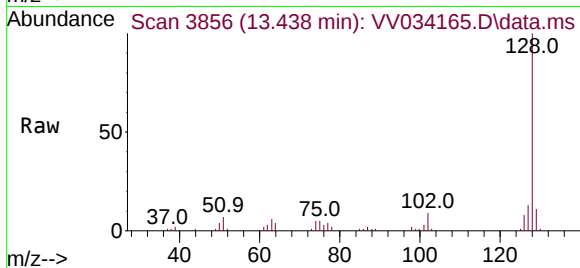
Tgt Ion:128 Resp: 47871

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.205 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034165.D

Acq: 13 Feb 2024 20:19

Tgt Ion:180 Resp: 31795

Ion Ratio Lower Upper

180 100

182 93.3 75.0 112.6

145 31.1 25.2 37.8

