

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034182.D
 Acq On : 14 Feb 2024 15:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	38500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21438	3.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.535	69	20205	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.059	65	10815	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.818	46	44184	42.736	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	4.252	84	49589	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.944	65	24279	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.960	84	87726	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.992	67	23603	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.243	98	80993	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.558	79	9934	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.027	63	32476	40.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.560%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14885	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	30221	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	36580	5.022	ug/L	98
3) Chloromethane	1.217	50	36370	4.577	ug/L	97
5) Vinyl chloride	1.285	62	37716	4.968	ug/L	91
6) Bromomethane	1.490	94	21660	5.417	ug/L	96
8) Chloroethane	1.551	64	23930	4.620	ug/L	99
9) Trichlorofluoromethane	1.715	101	64977	5.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32660	5.710	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30464	5.486	ug/L	94
13) Acetone	2.143	43	38202	48.705	ug/L #	42
14) Carbon disulfide	2.243	76	81013	4.509	ug/L	100
15) Methyl Acetate	2.391	43	9232	4.973	ug/L	94
16) Methylene chloride	2.449	84	28322	5.316	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	61702	5.408	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28094	4.967	ug/L	98
19) 1,1-Dichloroethane	3.114	63	53672	5.165	ug/L	98
21) 2-Butanone	3.899	43	50557	48.776	ug/L #	63
22) cis-1,2-Dichloroethene	3.815	96	31019	4.834	ug/L	95
23) Bromochloromethane	4.153	128	12244	5.489	ug/L	89
25) Chloroform	4.278	83	56474	5.376	ug/L	98

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 Response via : Initial Calibration

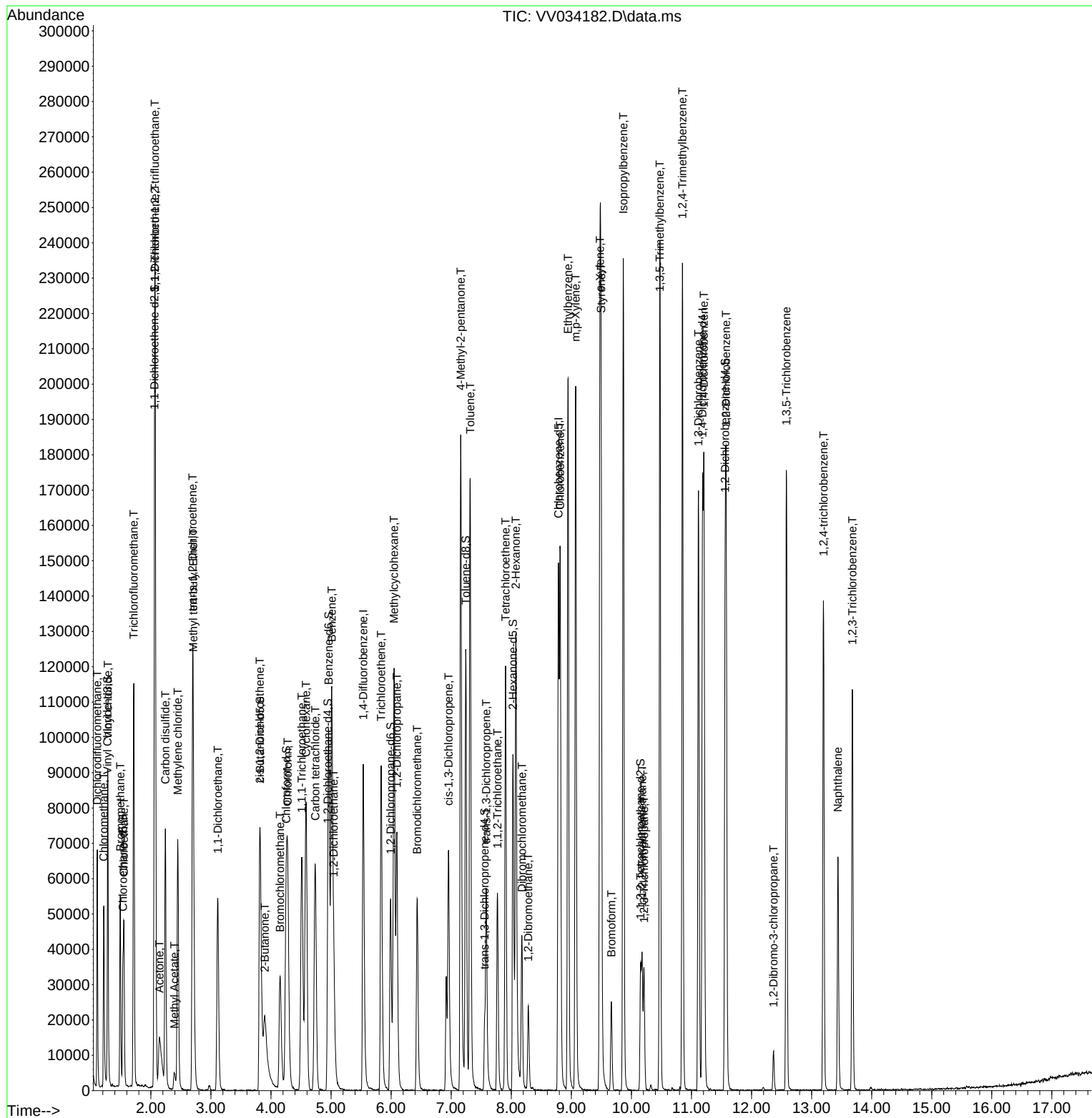
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33921	5.639	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	55509	5.797	ug/L	98
30) Cyclohexane	4.584	56	45368	4.872	ug/L	96
31) Carbon tetrachloride	4.738	117	49251	5.878	ug/L	97
33) Benzene	5.011	78	112595	5.264	ug/L	100
34) Trichloroethene	5.834	95	31911	5.155	ug/L	96
35) Methylcyclohexane	6.050	83	49936	5.139	ug/L	98
37) 1,2-Dichloropropane	6.095	63	27733	5.352	ug/L	100
38) Bromodichloromethane	6.432	83	36595	5.380	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	41681	5.287	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	125877	50.731	ug/L	98
42) Toluene	7.317	91	124625	5.451	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	33647	5.558	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16608	5.191	ug/L	95
47) Tetrachloroethene	7.905	164	26020	5.173	ug/L	94
48) 2-Hexanone	8.075	43	87615	50.094	ug/L	98
49) Dibromochloromethane	8.178	129	21191	5.573	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15200	5.293	ug/L #	98
51) Chlorobenzene	8.815	112	77464	5.359	ug/L	99
52) Ethylbenzene	8.947	91	141979	5.395	ug/L	99
53) m,p-Xylene	9.072	106	53464	5.376	ug/L	99
54) o-Xylene	9.477	106	51877	5.410	ug/L	100
55) Styrene	9.496	104	83835	5.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16435	4.867	ug/L	97
59) Bromoform	9.667	173	10726	5.057	ug/L	100
60) Isopropylbenzene	9.866	105	148402	5.209	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13091	4.946	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	123169	5.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	121376	5.187	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	66264	5.335	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	64616	5.254	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	56063	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2817	5.078	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	51672	5.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	40347	5.377	ug/L	100
71) Naphthalene	13.438	128	50930	5.180	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32896	5.471	ug/L	100

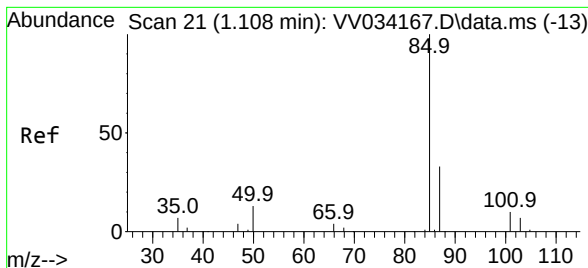
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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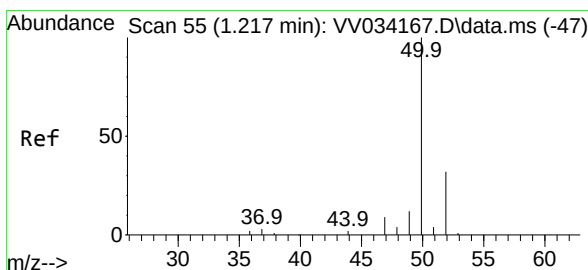
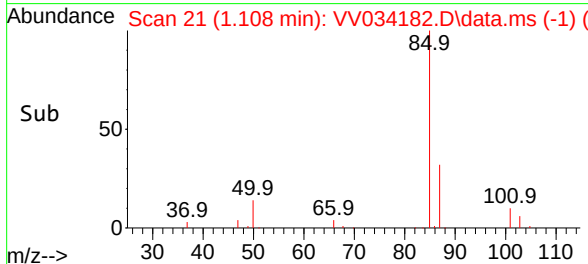
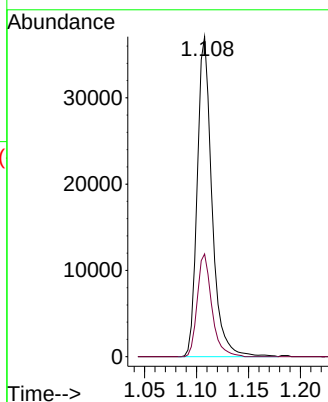
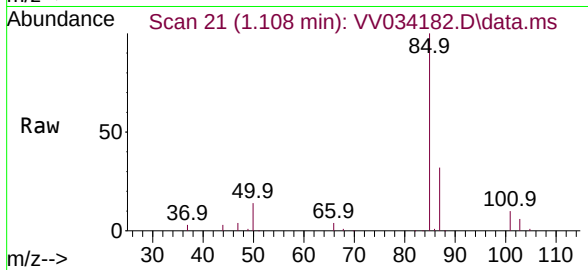




#2
 Dichlorodifluoromethane
 Concen: 5.022 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

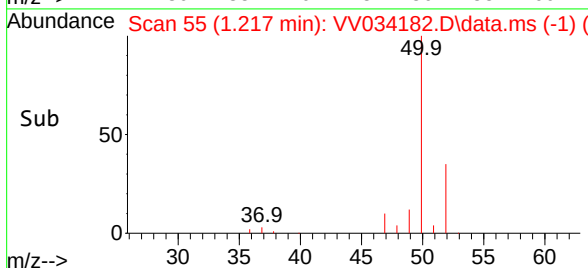
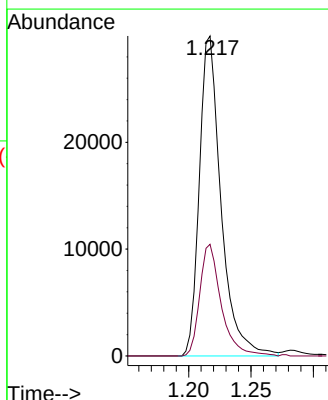
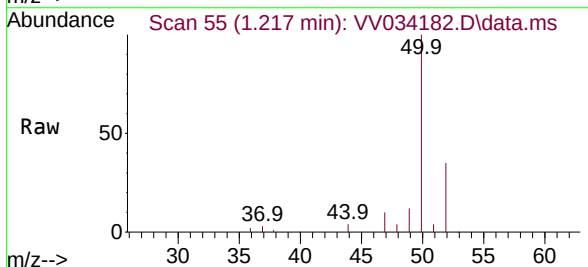
Instrument :
 MSVOA_V
 ClientSampleId :

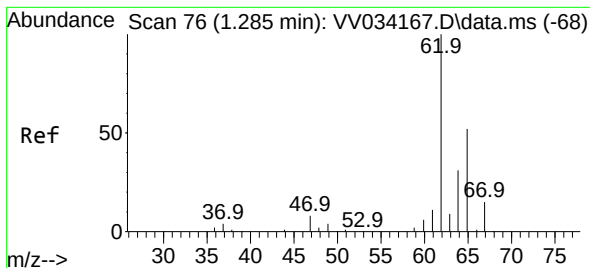
Tgt Ion: 85 Resp: 36580
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.577 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

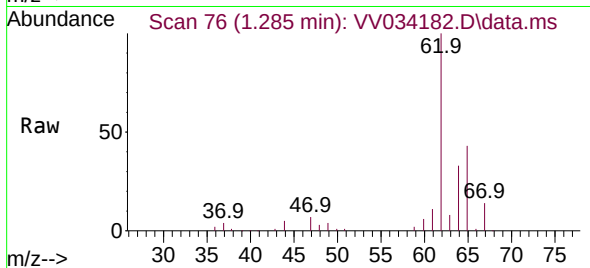
Tgt Ion: 50 Resp: 36370
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.4 43.4



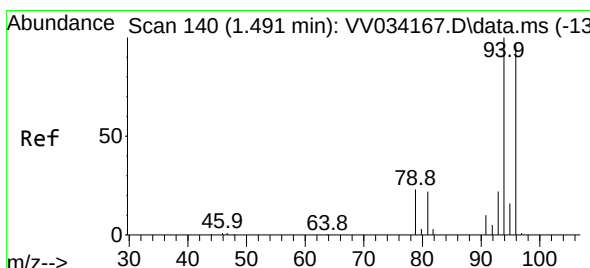
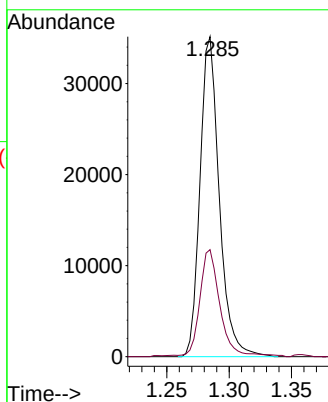
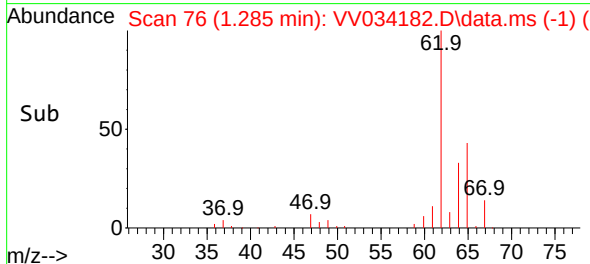


#5
Vinyl chloride
Concen: 4.968 ug/L
RT: 1.285 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Instrument :
MSVOA_V
ClientSampleId :

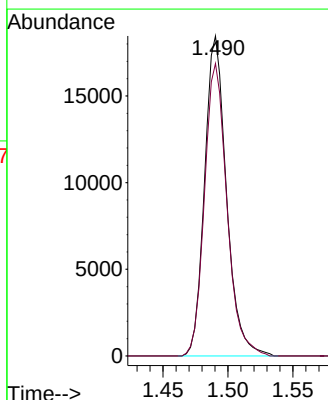
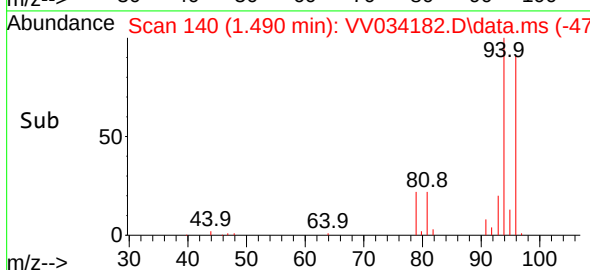
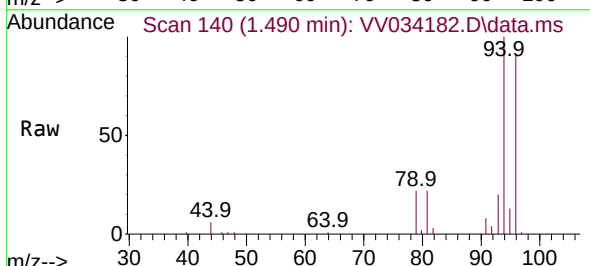


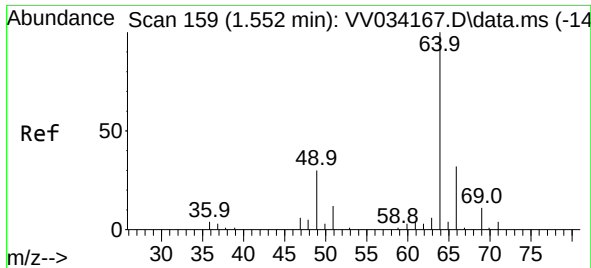
Tgt Ion: 62 Resp: 37716
Ion Ratio Lower Upper
62 100
64 33.4 27.2 50.4



#6
Bromomethane
Concen: 5.417 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 94 Resp: 21660
Ion Ratio Lower Upper
94 100
96 91.4 66.6 123.8

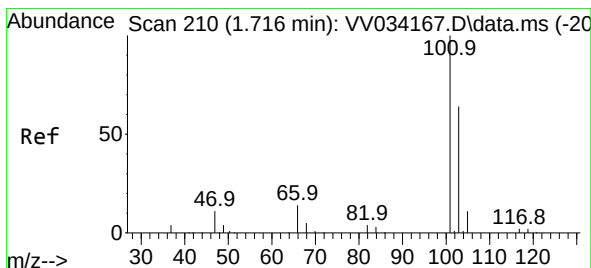
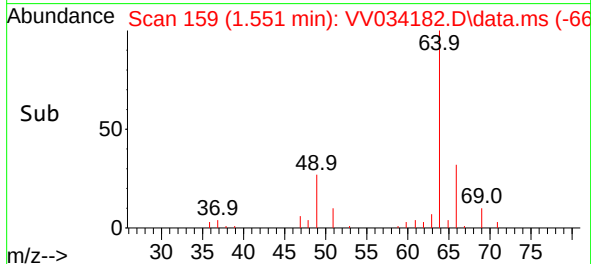
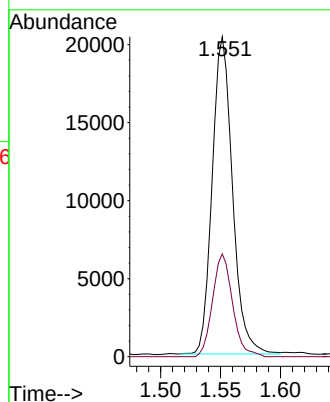
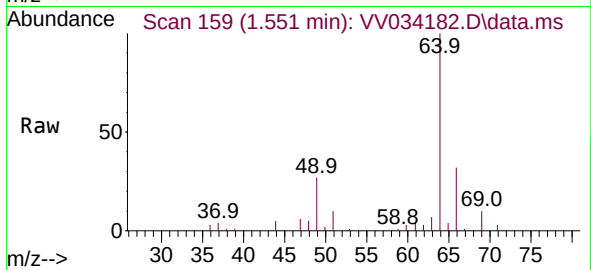




#8
Chloroethane
Concen: 4.620 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

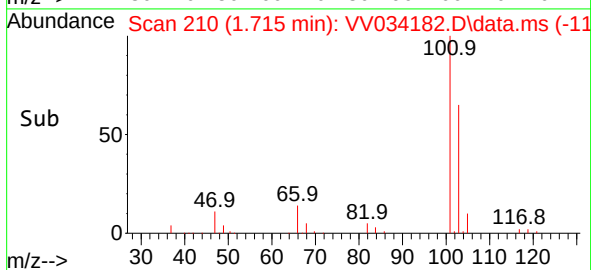
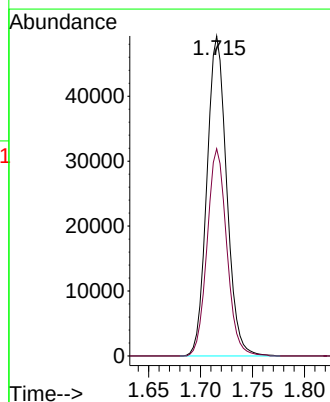
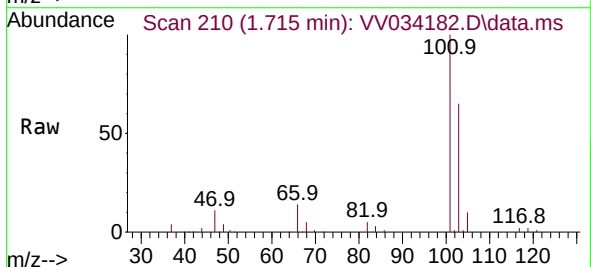
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MSVOA_V
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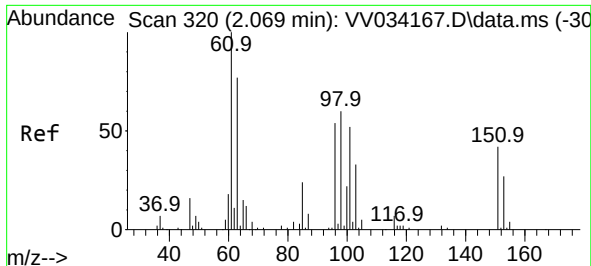
Tgt Ion: 64 Resp: 23930
Ion Ratio Lower Upper
64 100
66 32.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.939 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:101 Resp: 64977
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

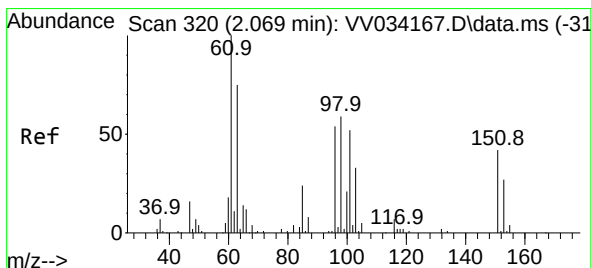
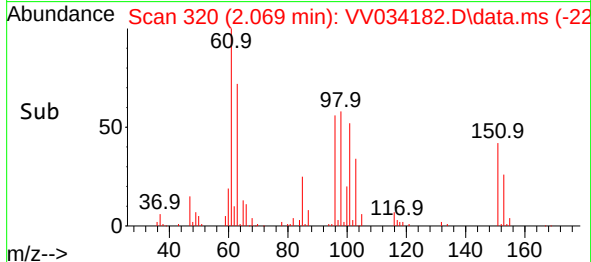
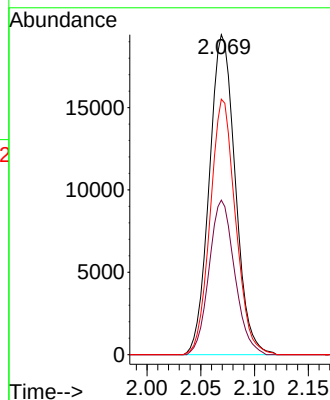
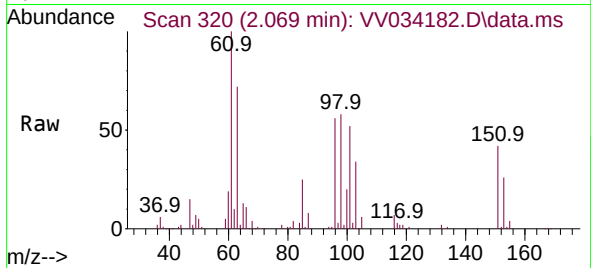




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.710 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

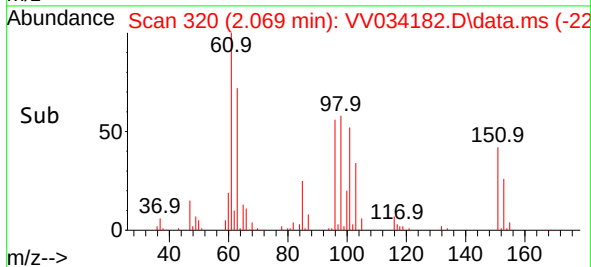
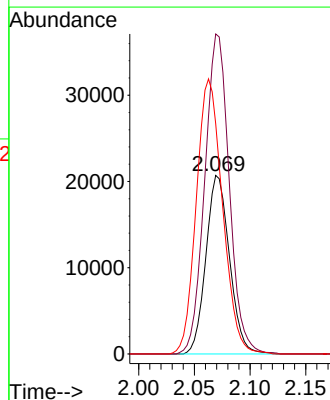
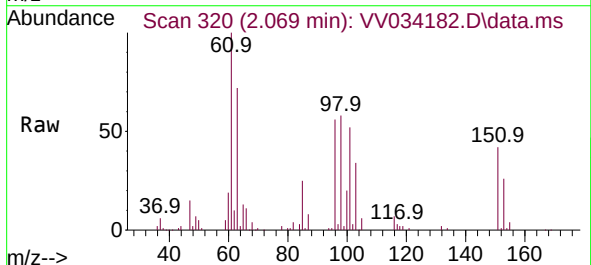
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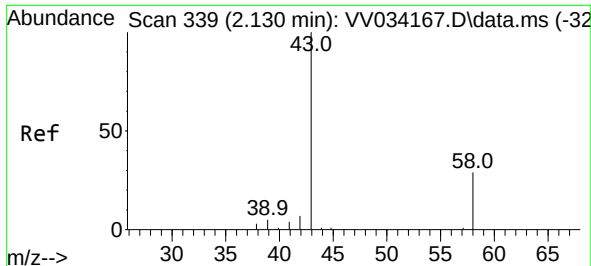
Tgt Ion:101 Resp: 32660
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.1 55.7
 151 77.9 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.486 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

Tgt Ion: 96 Resp: 30464
 Ion Ratio Lower Upper
 96 100
 61 179.3 128.8 239.2
 63 128.9 97.9 181.9





#13

Acetone

Concen: 48.705 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

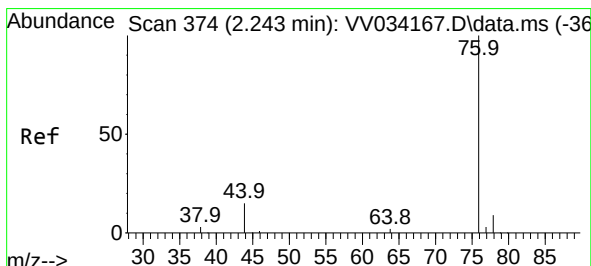
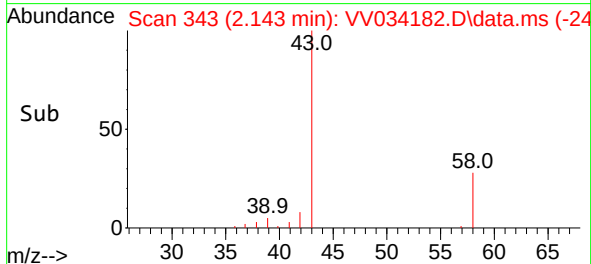
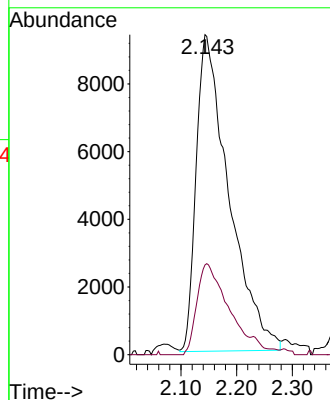
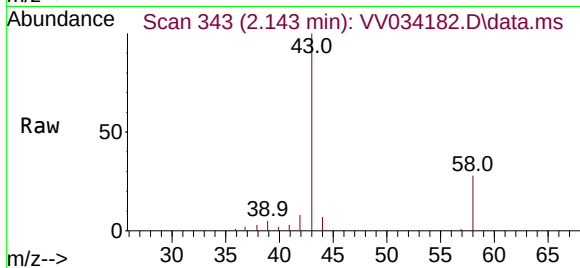
ClientSampleId :

Tgt Ion: 43 Resp: 38202

Ion Ratio Lower Upper

43 100

58 26.7 0.0 13.8#



#14

Carbon disulfide

Concen: 4.509 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV034182.D

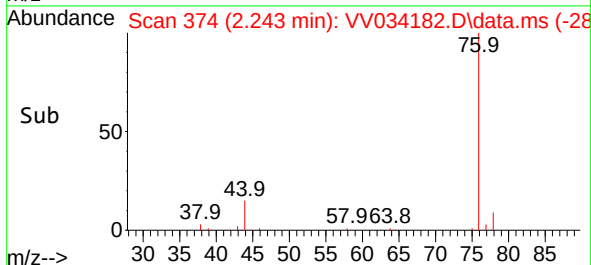
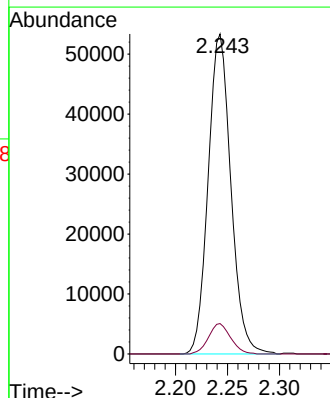
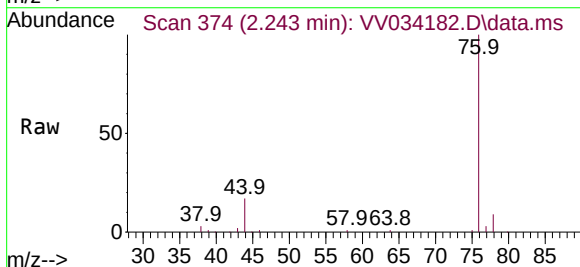
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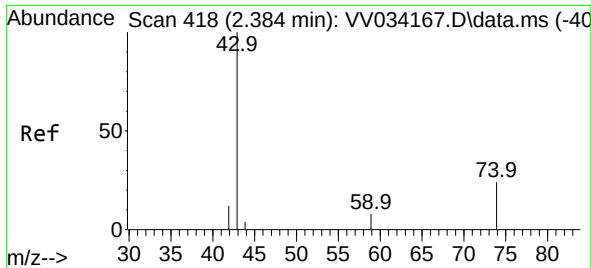
Tgt Ion: 76 Resp: 81013

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

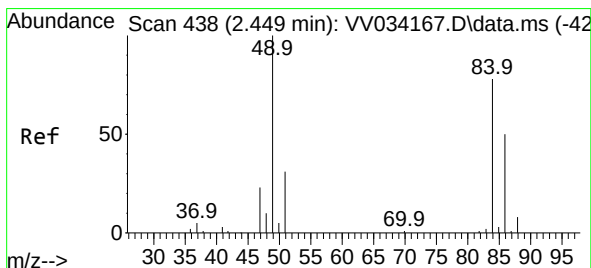
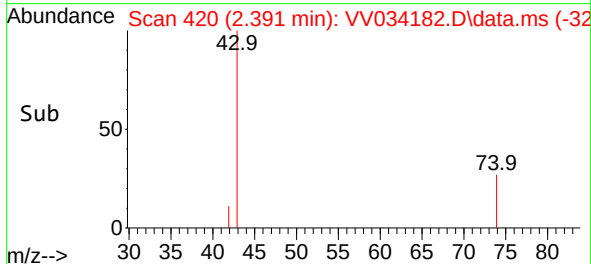
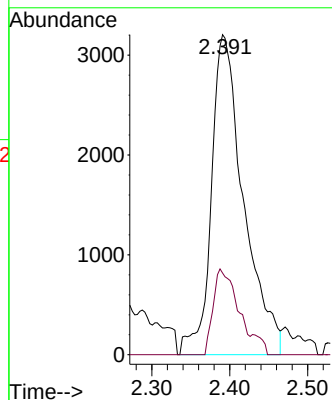
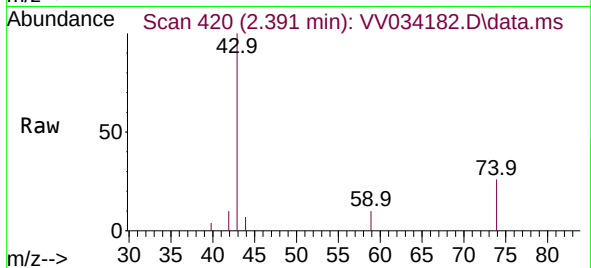




#15
Methyl Acetate
Concen: 4.973 ug/L
RT: 2.391 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

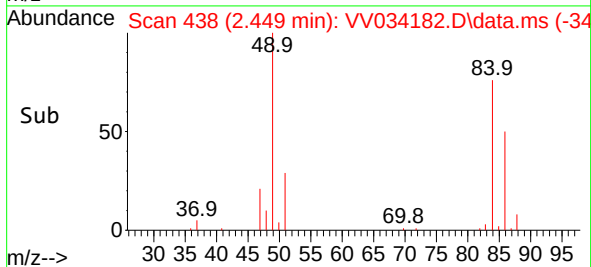
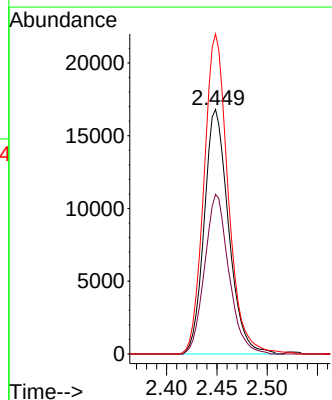
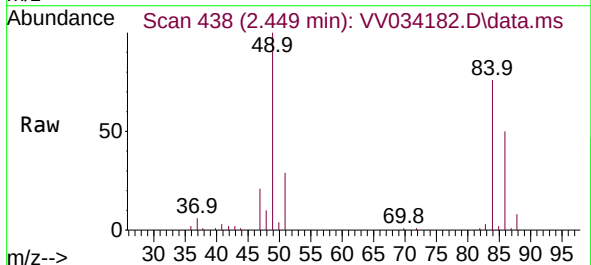
Instrument :
MSVOA_V
ClientSampleId :

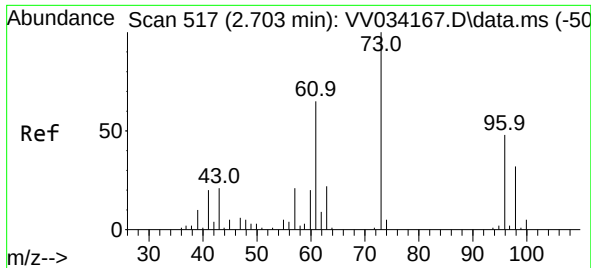
Tgt Ion: 43 Resp: 9232
Ion Ratio Lower Upper
43 100
74 19.8 18.2 27.4



#16
Methylene chloride
Concen: 5.316 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 84 Resp: 28322
Ion Ratio Lower Upper
84 100
86 65.4 44.7 83.1
49 130.9 93.7 173.9

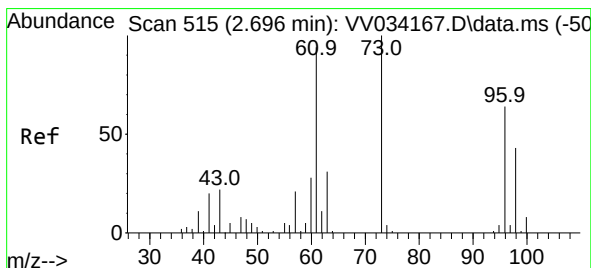
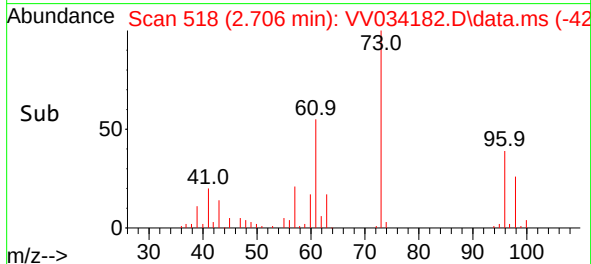
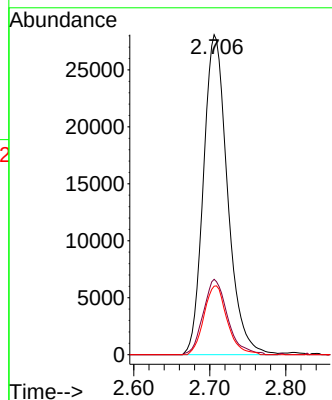
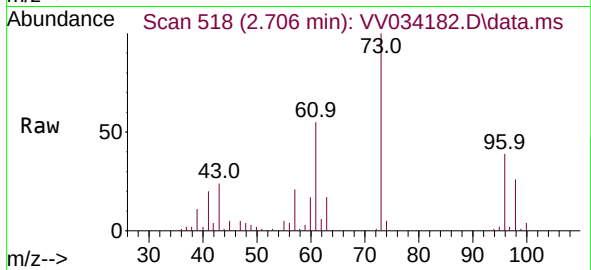




#17
Methyl tert-butyl Ether
Concen: 5.408 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

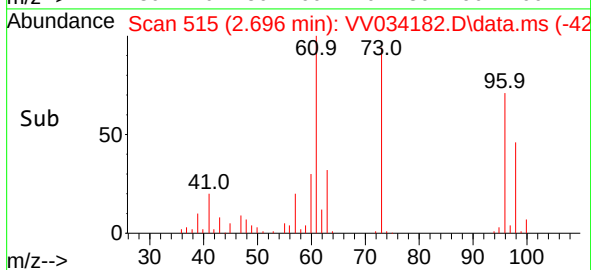
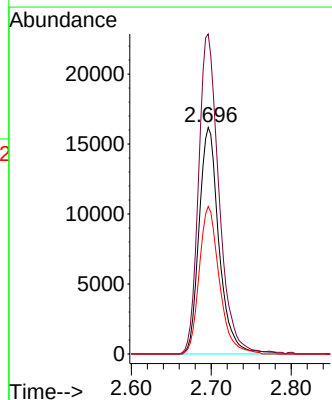
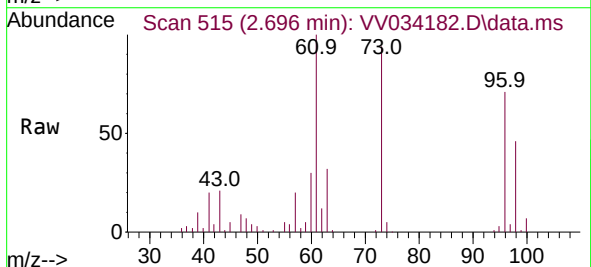
Instrument :
MSVOA_V
ClientSampleId :

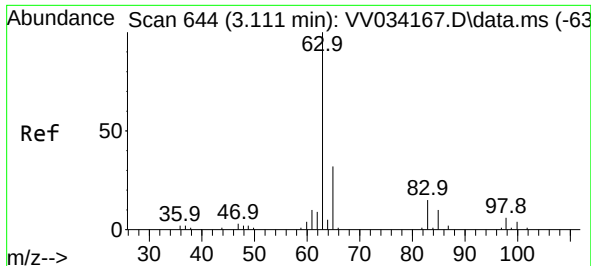
Tgt Ion: 73 Resp: 61702
Ion Ratio Lower Upper
73 100
43 23.8 17.7 26.5
57 20.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.967 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 96 Resp: 28094
Ion Ratio Lower Upper
96 100
61 141.2 97.6 181.4
98 65.1 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.165 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

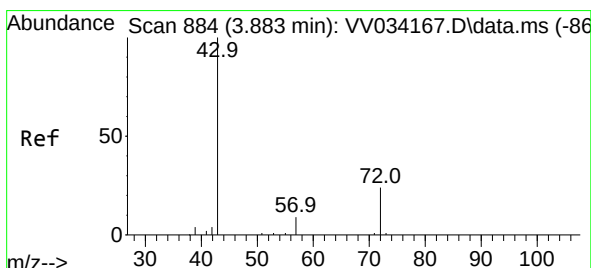
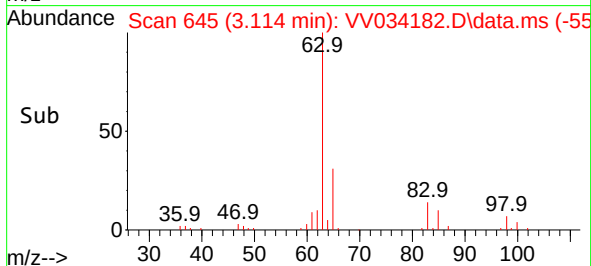
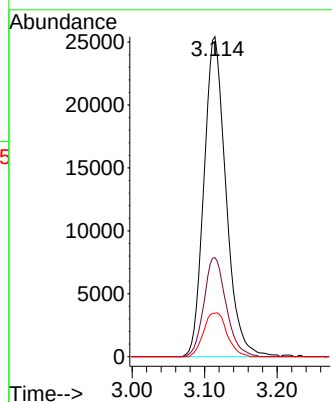
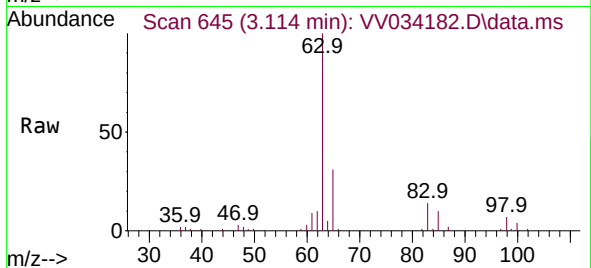
Tgt Ion: 63 Resp: 53672

Ion Ratio Lower Upper

63 100

65 30.9 20.8 38.6

83 13.6 9.4 17.4



#21

2-Butanone

Concen: 48.776 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.016 min

Lab File: VV034182.D

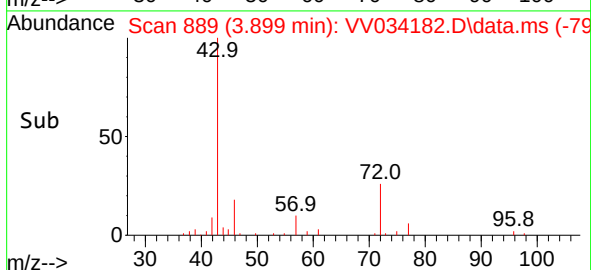
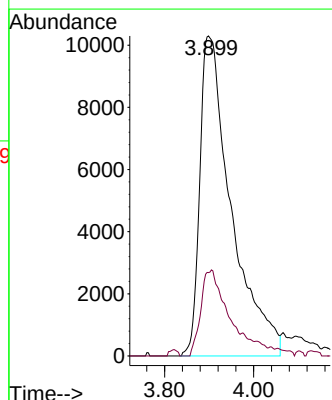
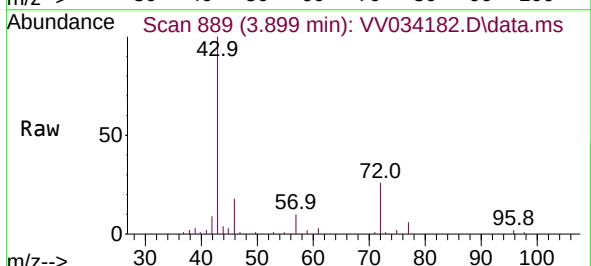
Acq: 14 Feb 2024 15:45

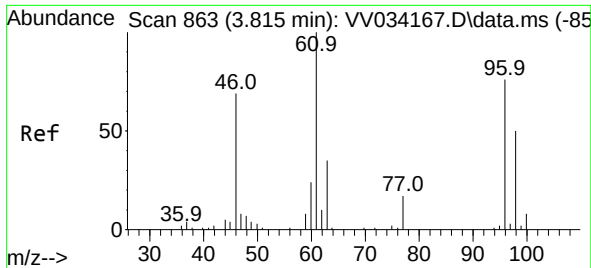
Tgt Ion: 43 Resp: 50557

Ion Ratio Lower Upper

43 100

72 21.1 4.0 11.9#





#22

cis-1,2-Dichloroethene

Concen: 4.834 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

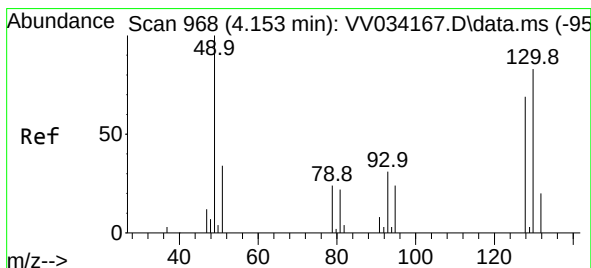
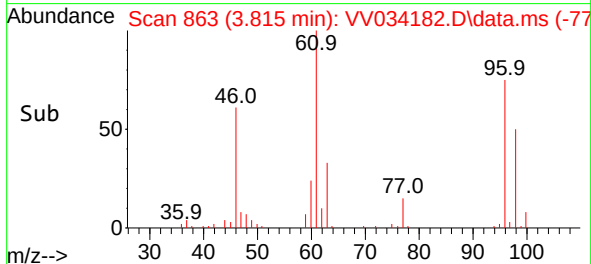
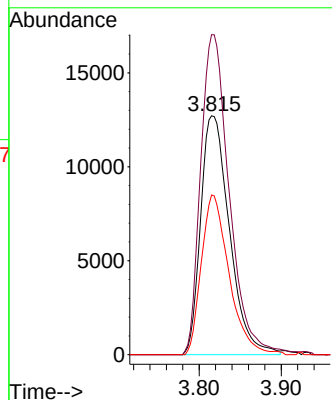
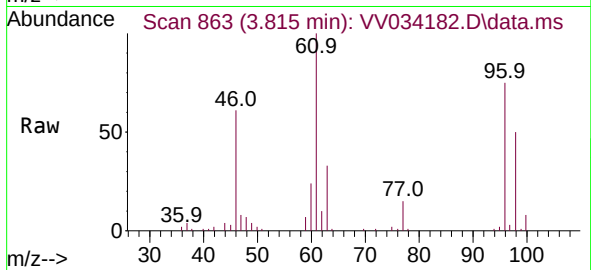
Tgt Ion: 96 Resp: 31019

Ion Ratio Lower Upper

96 100

61 133.9 90.3 167.7

98 66.8 43.2 80.2



#23

Bromochloromethane

Concen: 5.489 ug/L

RT: 4.153 min Scan# 968

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Tgt Ion: 128 Resp: 12244

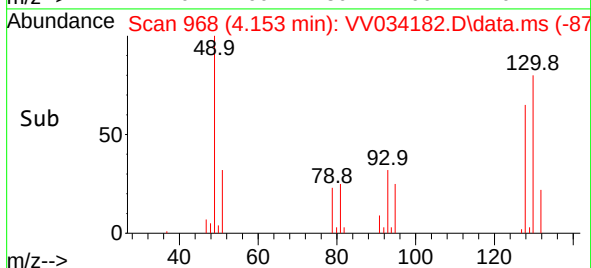
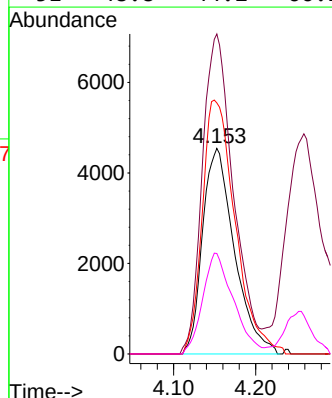
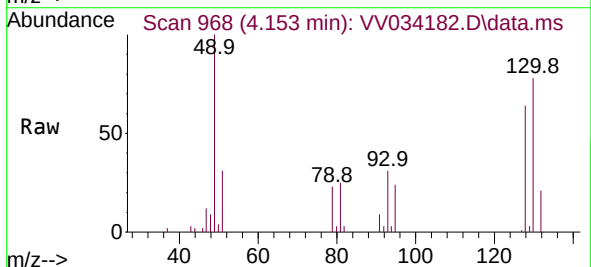
Ion Ratio Lower Upper

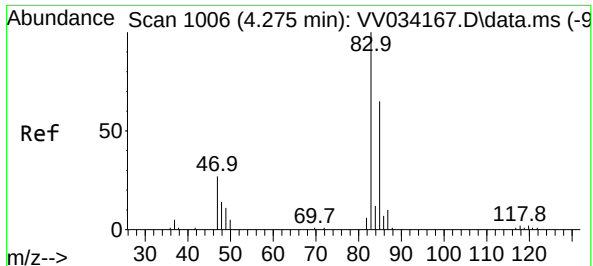
128 100

49 155.6 120.5 223.7

130 122.1 93.4 173.4

51 48.8 44.2 66.2





#25

Chloroform

Concen: 5.376 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

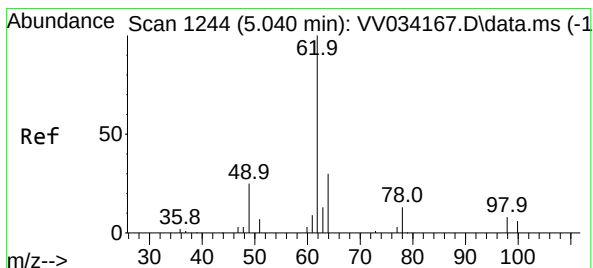
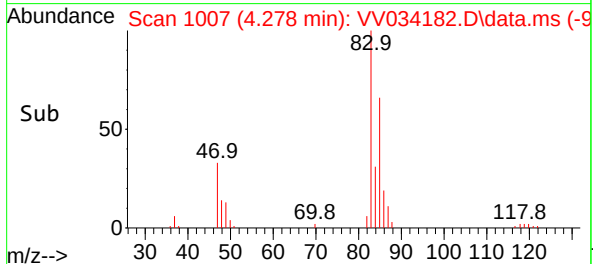
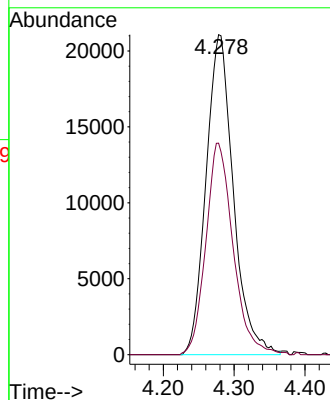
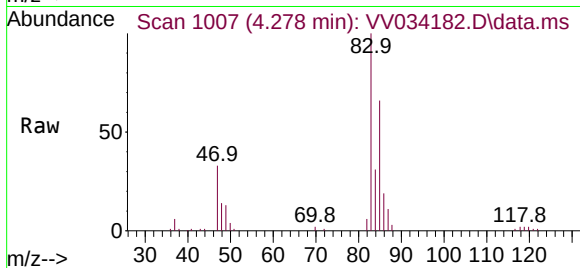
ClientSampleId :

Tgt Ion: 83 Resp: 56474

Ion Ratio Lower Upper

83 100

85 66.1 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.639 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV034182.D

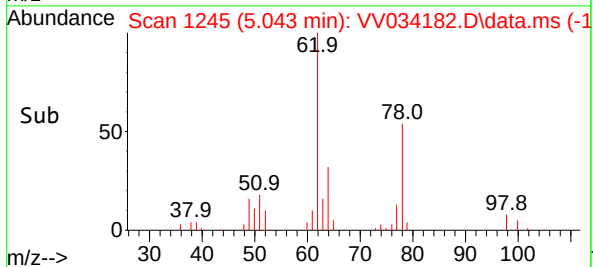
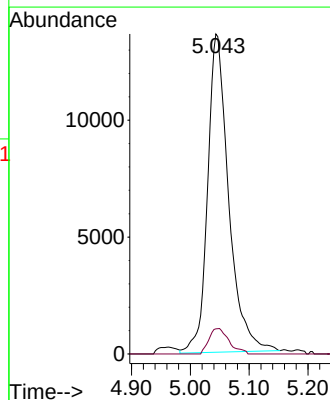
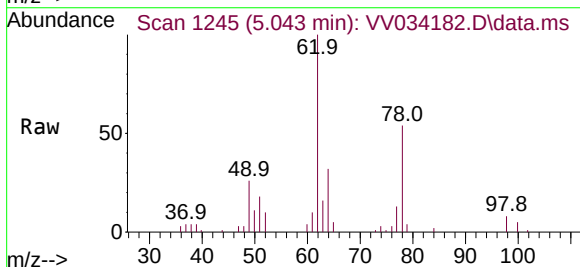
Acq: 14 Feb 2024 15:45

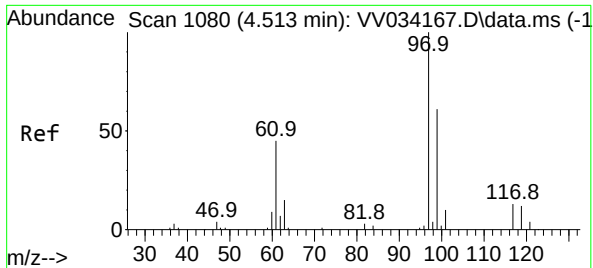
Tgt Ion: 62 Resp: 33921

Ion Ratio Lower Upper

62 100

98 7.9 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.797 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

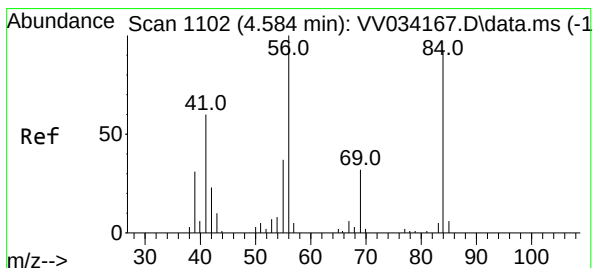
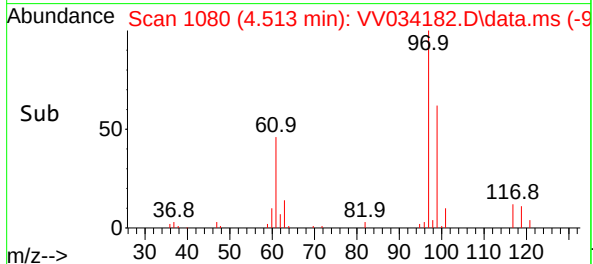
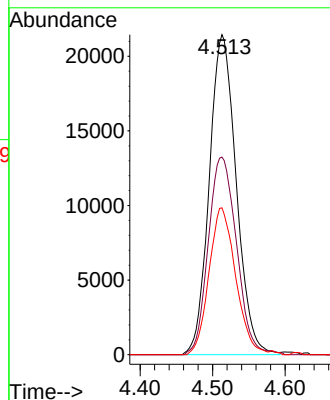
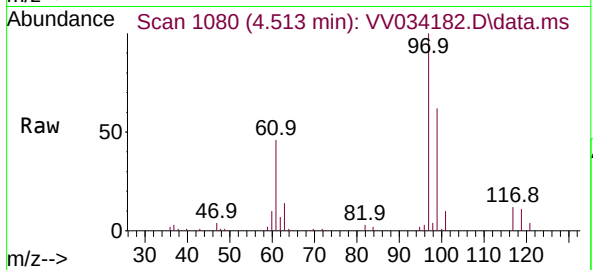
Tgt Ion: 97 Resp: 55509

Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

61 45.3 36.8 55.2



#30

Cyclohexane

Concen: 4.872 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

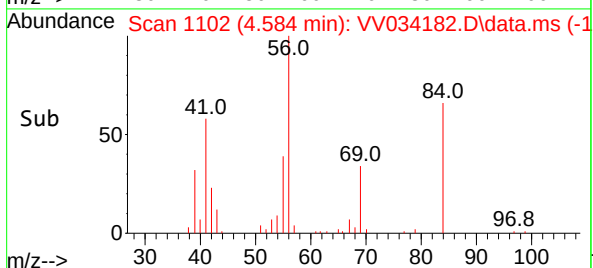
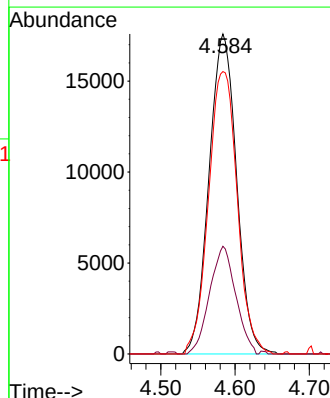
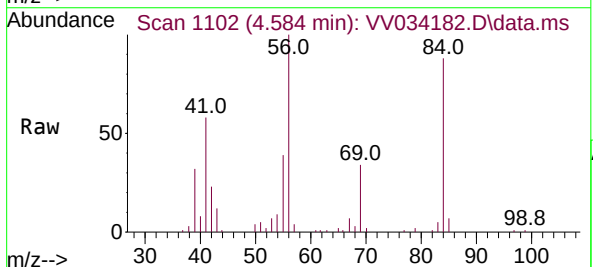
Tgt Ion: 56 Resp: 45368

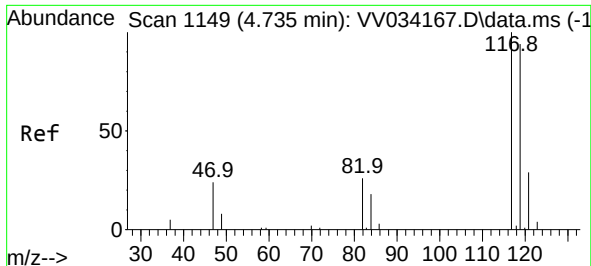
Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.2

84 92.0 70.0 105.0

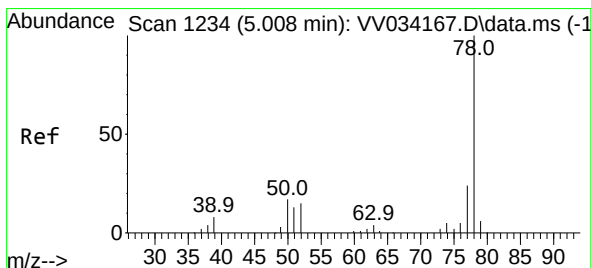
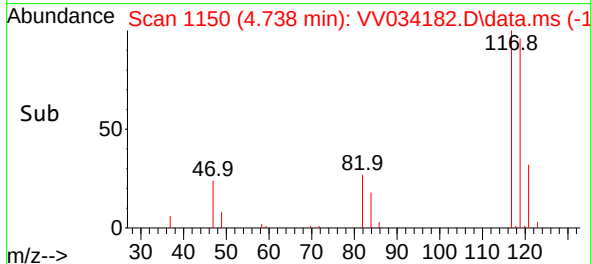
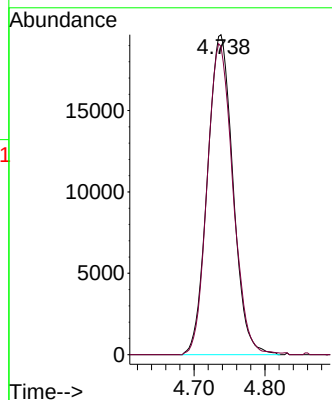
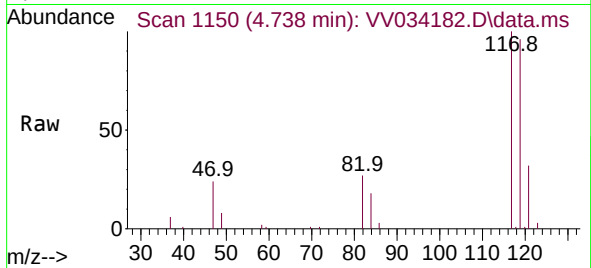




#31
Carbon tetrachloride
Concen: 5.878 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

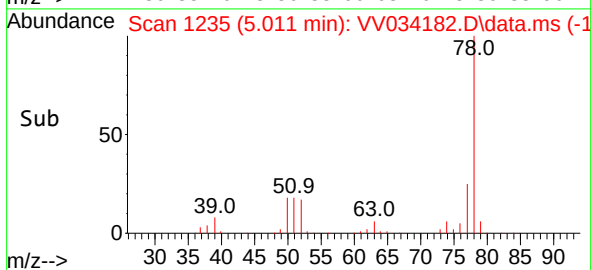
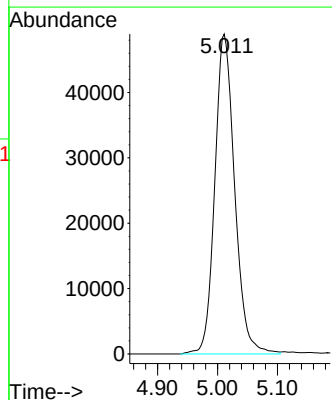
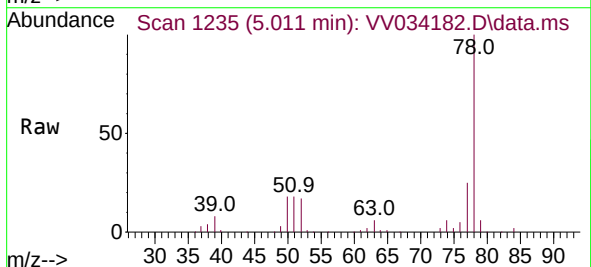
Instrument :
MSVOA_V
ClientSampleId :

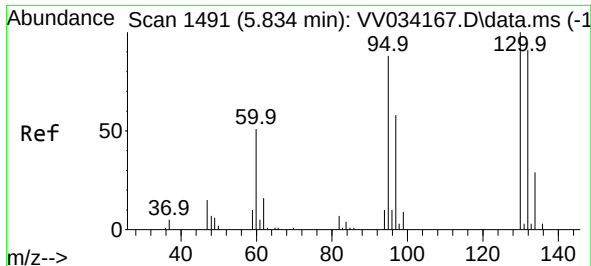
Tgt Ion:117 Resp: 49251
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1



#33
Benzene
Concen: 5.264 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 78 Resp: 112595



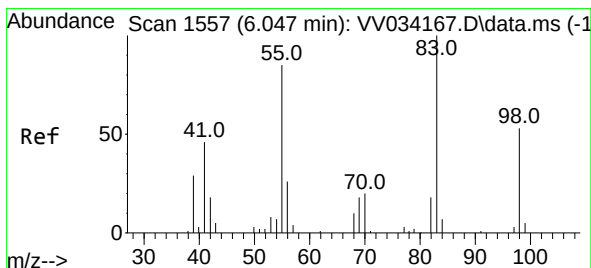
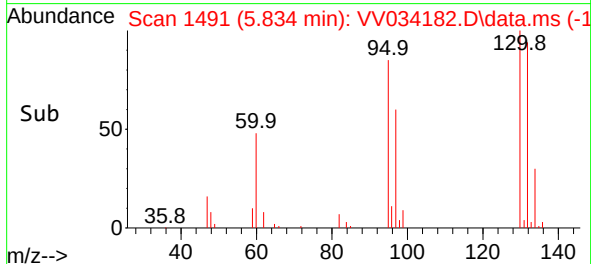
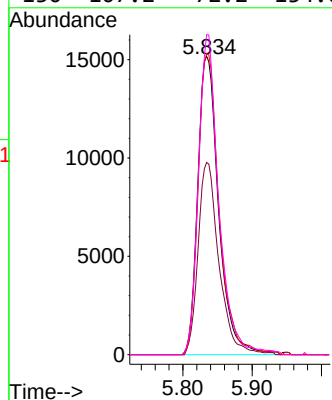
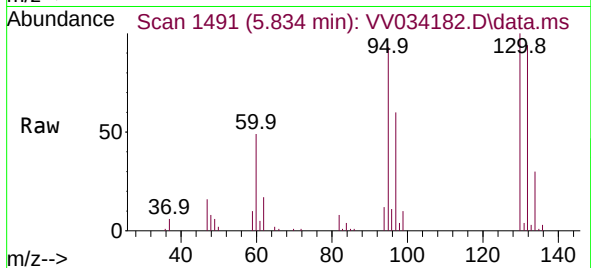


#34
Trichloroethene
Concen: 5.155 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 31911

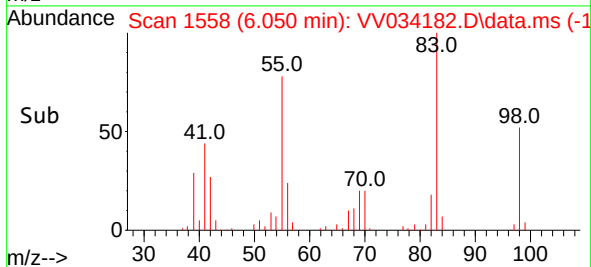
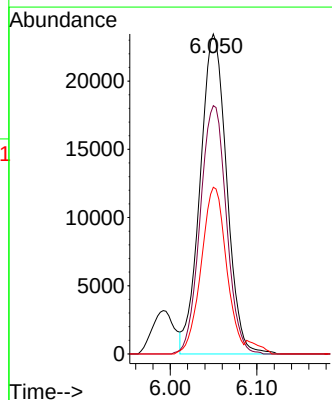
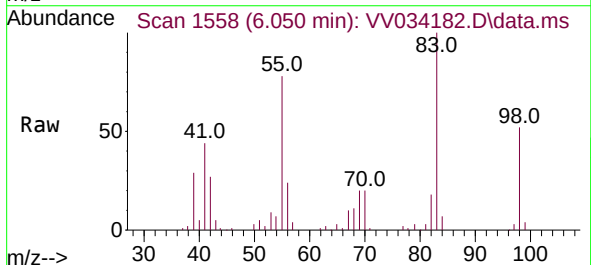
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.7
132	100.8	66.0	122.6
130	107.2	72.2	134.0

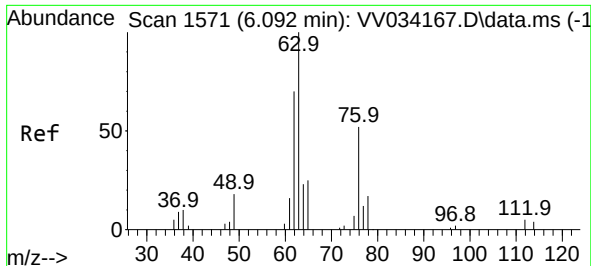


#35
Methylcyclohexane
Concen: 5.139 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 83 Resp: 49936

Ion	Ratio	Lower	Upper
83	100		
55	76.6	63.5	95.3
98	49.3	39.0	58.4





#37

1,2-Dichloropropane

Concen: 5.352 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

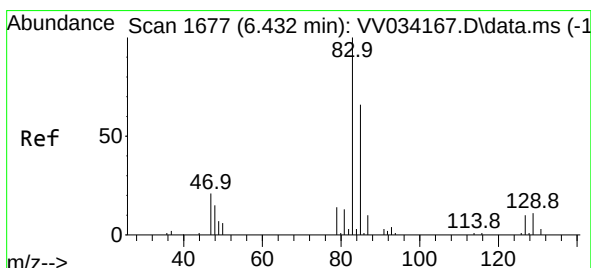
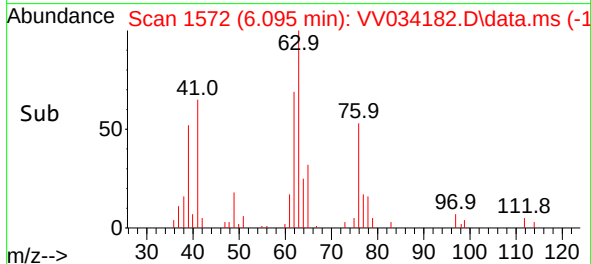
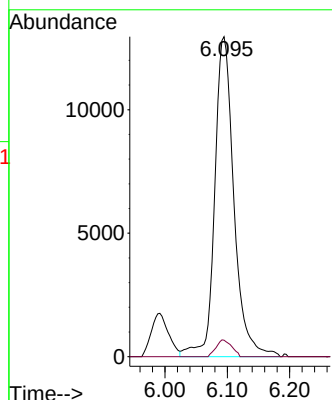
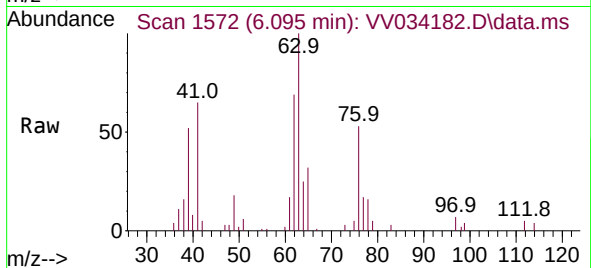
ClientSampleId :

Tgt Ion: 63 Resp: 27733

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.380 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

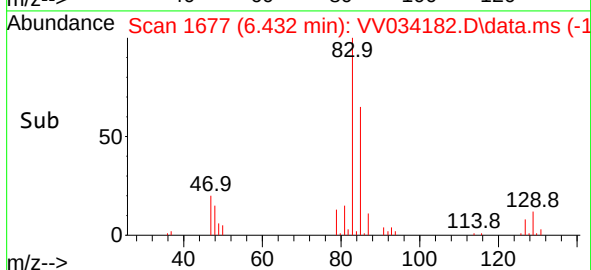
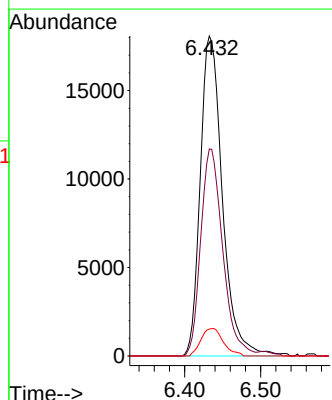
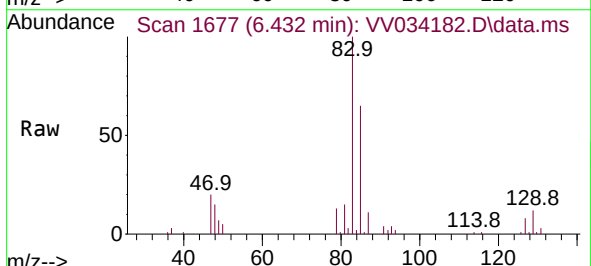
Tgt Ion: 83 Resp: 36595

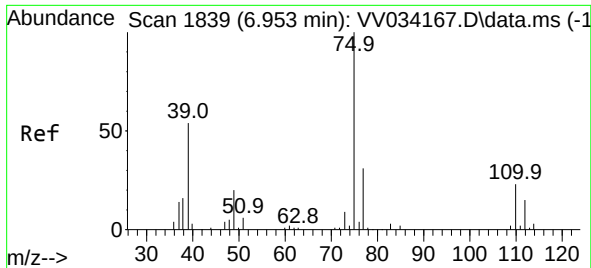
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.287 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

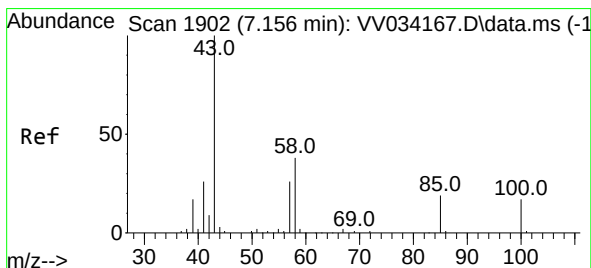
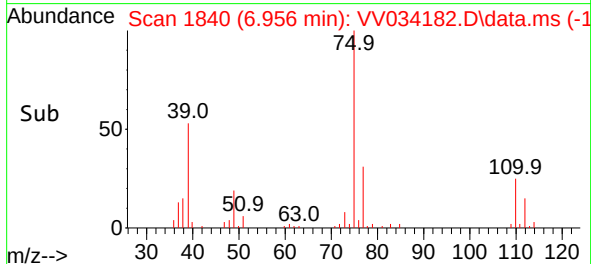
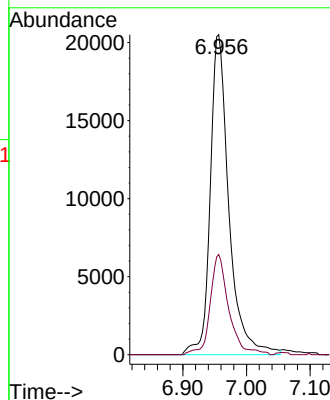
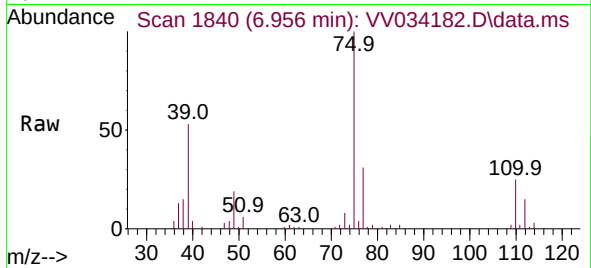
ClientSampleId :

Tgt Ion: 75 Resp: 41681

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.731 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

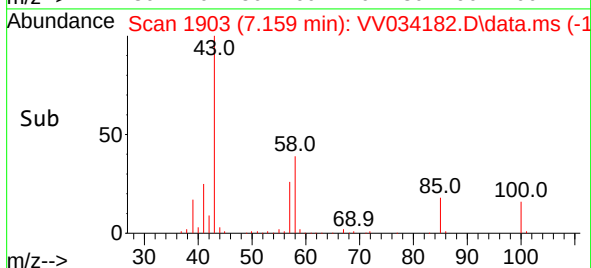
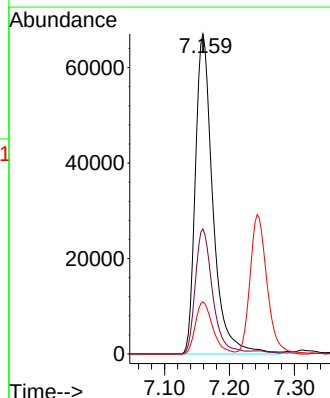
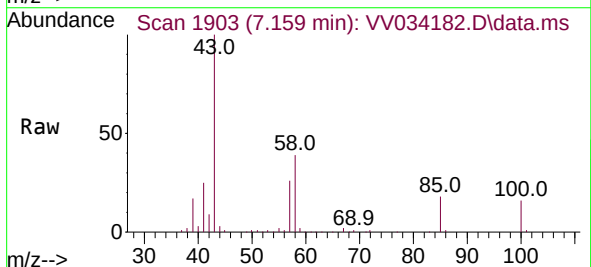
Tgt Ion: 43 Resp: 125877

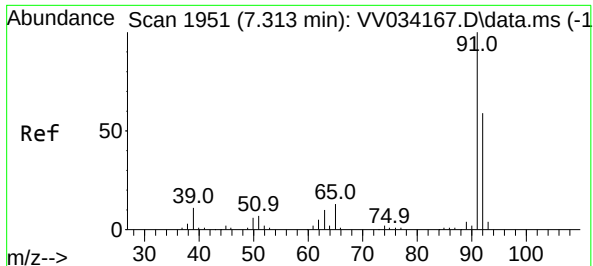
Ion Ratio Lower Upper

43 100

58 38.8 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 5.451 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

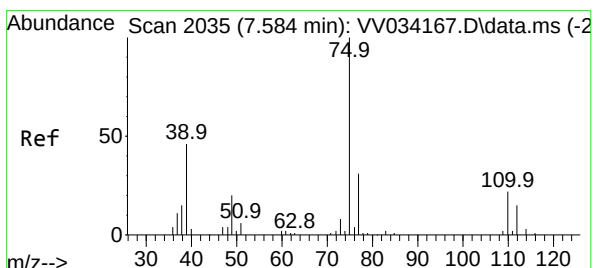
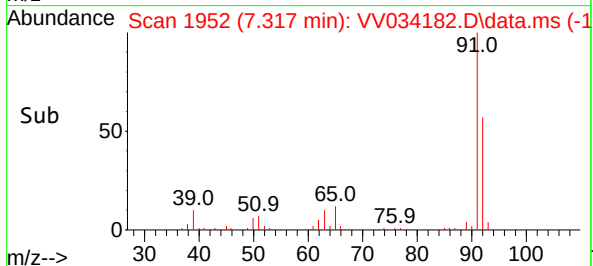
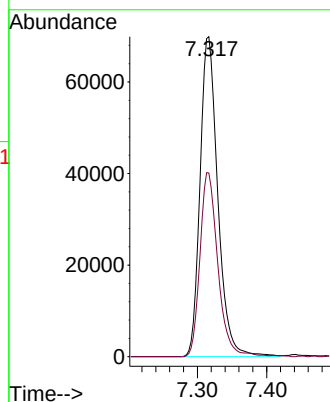
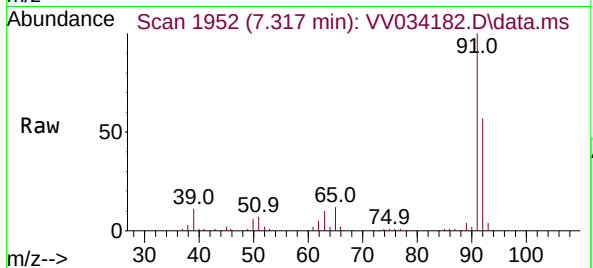
ClientSampleId :

Tgt Ion: 91 Resp: 124625

Ion Ratio Lower Upper

91 100

92 57.4 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.558 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034182.D

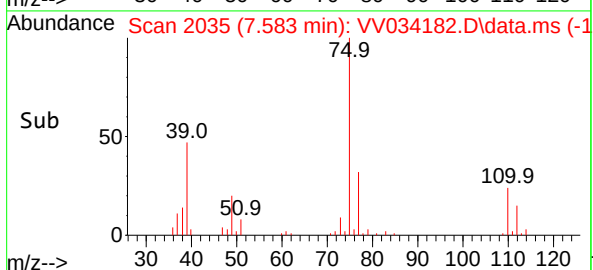
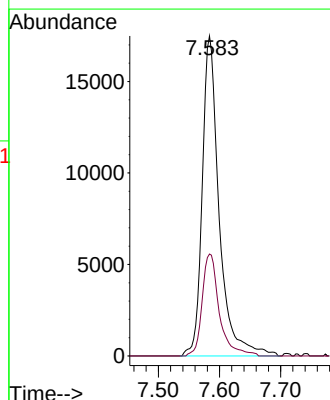
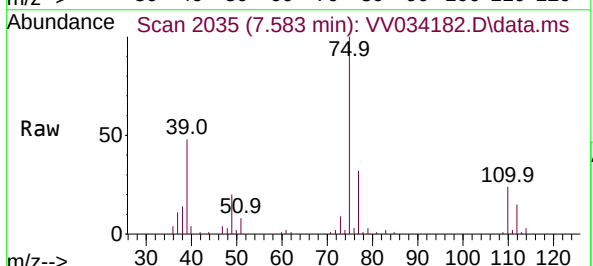
Acq: 14 Feb 2024 15:45

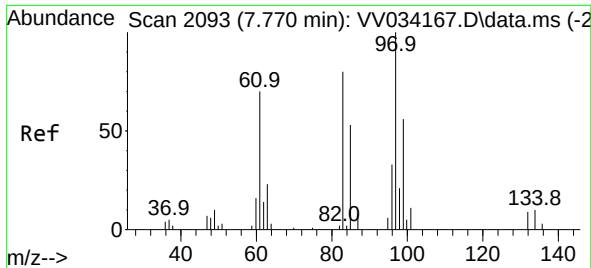
Tgt Ion: 75 Resp: 33647

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

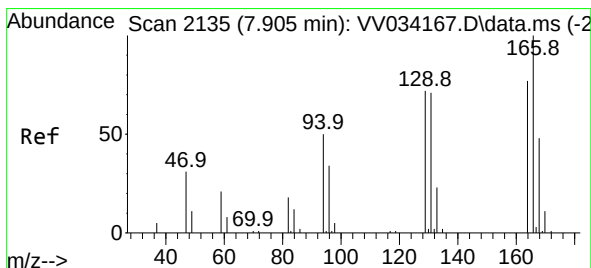
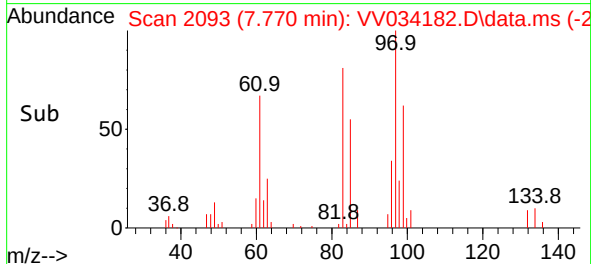
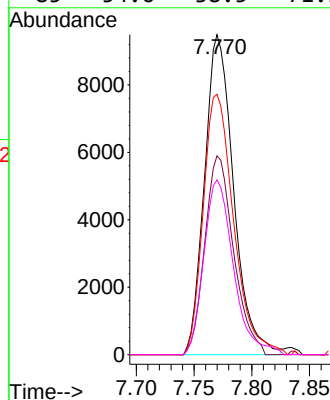
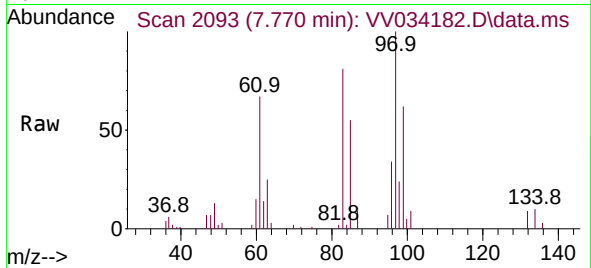




#45
1,1,2-Trichloroethane
Concen: 5.191 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

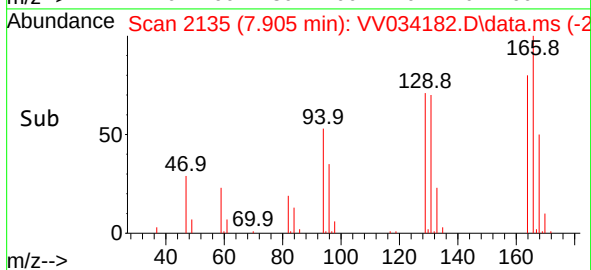
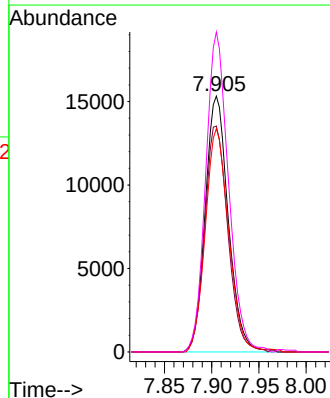
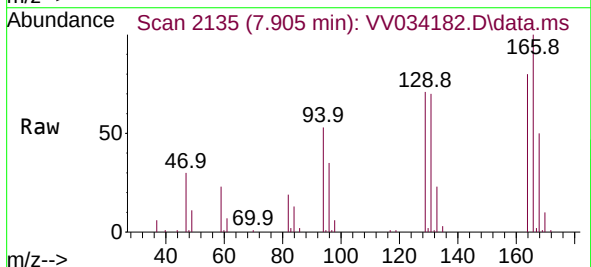
Instrument :
MSVOA_V
ClientSampleId :

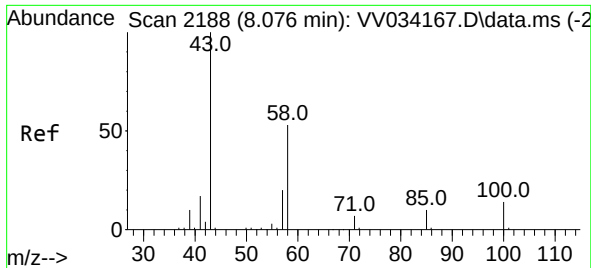
Tgt Ion:	97	Resp:	16608
Ion	Ratio	Lower	Upper
97	100		
99	62.2	45.6	84.6
83	81.4	62.3	115.7
85	54.6	38.5	71.5



#47
Tetrachloroethene
Concen: 5.173 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:	164	Resp:	26020
Ion	Ratio	Lower	Upper
164	100		
129	88.3	67.8	125.8
131	87.3	63.0	117.0
166	125.1	92.6	172.0

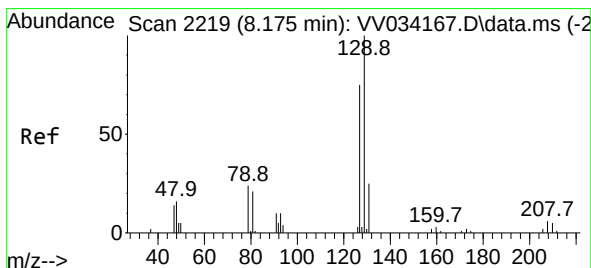
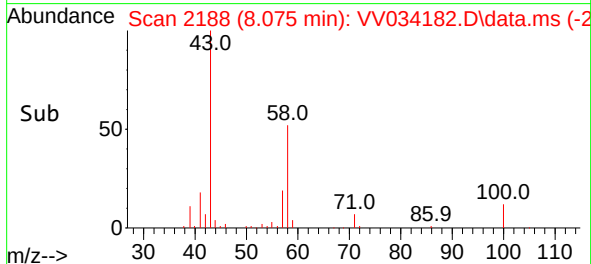
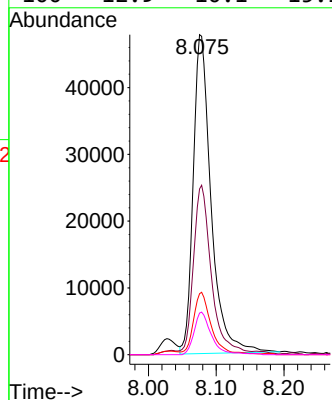
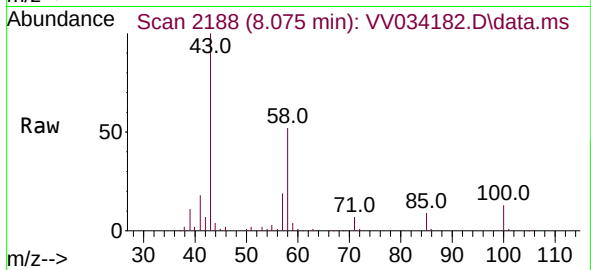




#48
2-Hexanone
Concen: 50.094 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

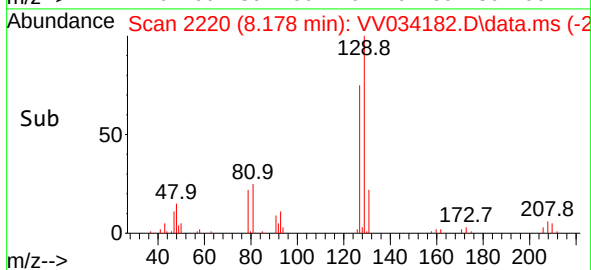
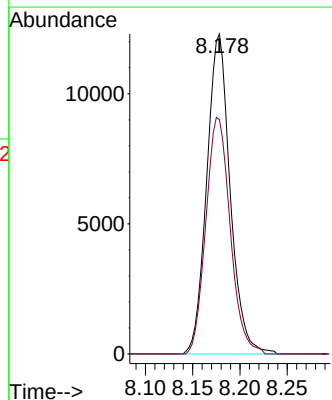
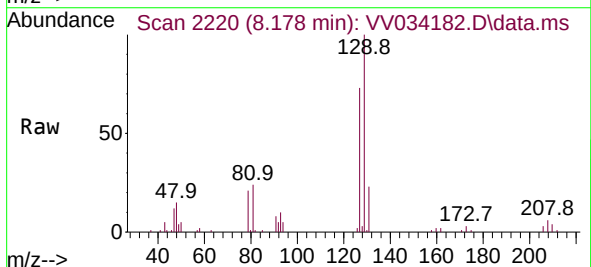
Instrument :
MSVOA_V
ClientSampleId :

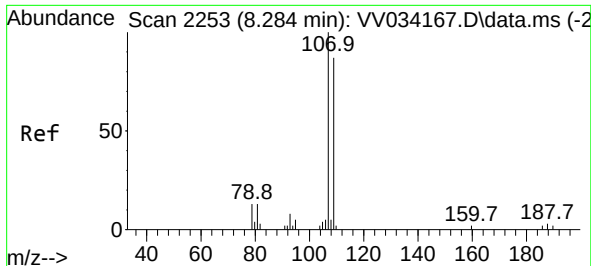
Tgt Ion: 43	Resp: 87615
Ion Ratio	Lower Upper
43 100	
58 51.3	42.6 64.0
57 18.9	15.5 23.3
100 12.9	10.1 15.1



#49
Dibromochloromethane
Concen: 5.573 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:129	Resp: 21191		
Ion Ratio	Lower	Upper	
129 100			
127 73.2	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 5.293 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

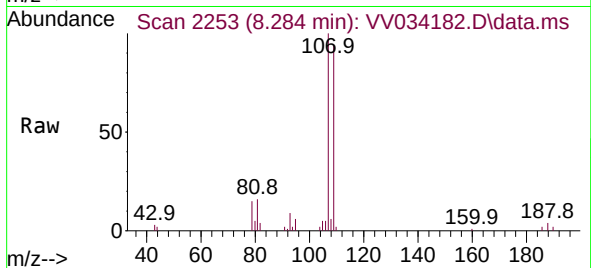
Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

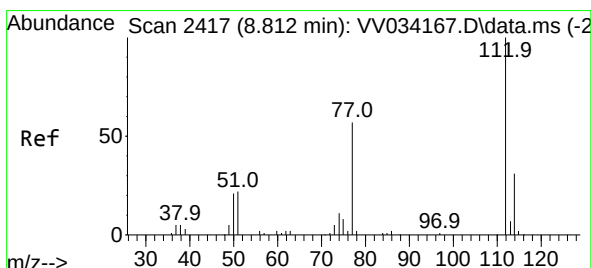
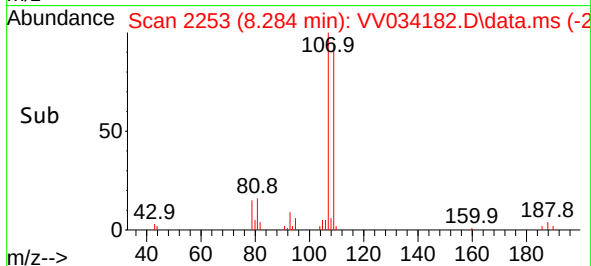
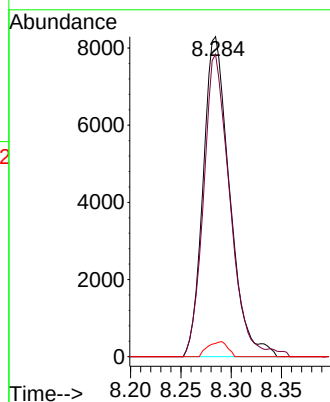
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	15200
Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.5	119.9
188	4.1	2.6	4.0#



#51

Chlorobenzene

Concen: 5.359 ug/L

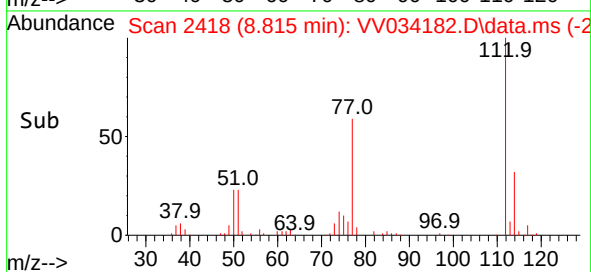
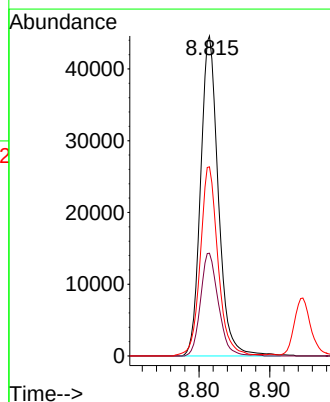
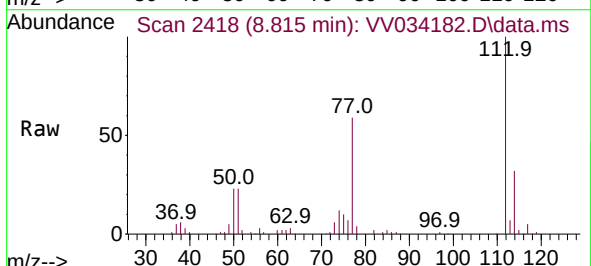
RT: 8.815 min Scan# 2418

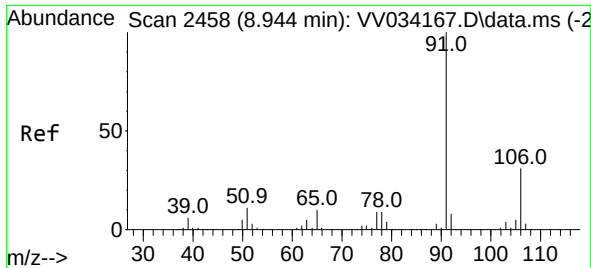
Delta R.T. 0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Tgt Ion:	112	Resp:	77464
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	59.1	48.1	72.1

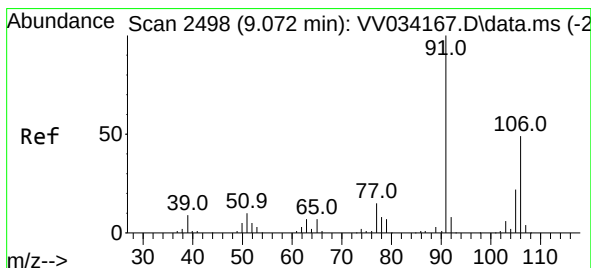
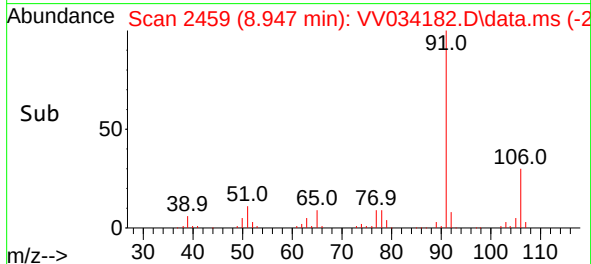
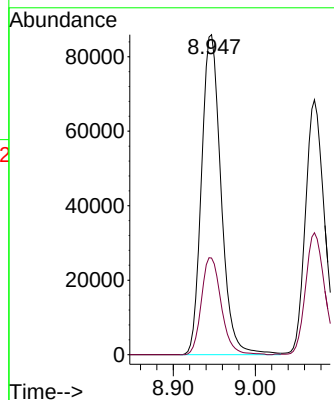
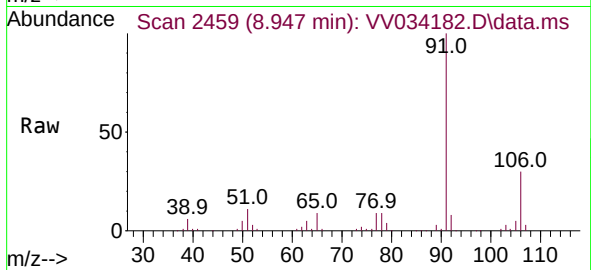




#52
Ethylbenzene
Concen: 5.395 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

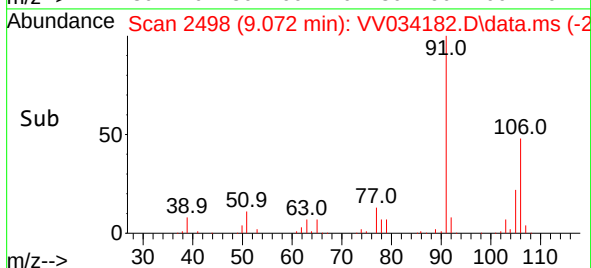
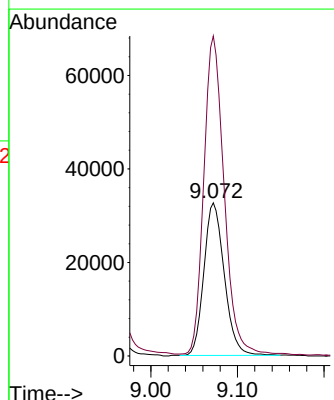
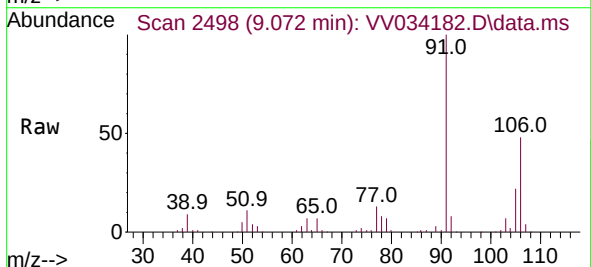
Instrument :
MSVOA_V
ClientSampleId :

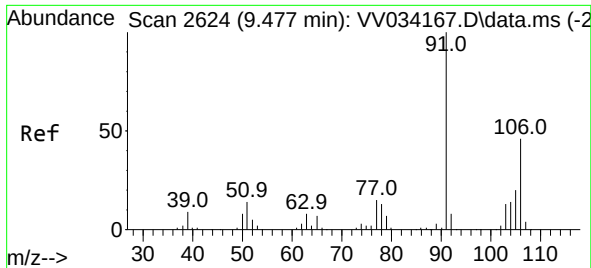
Tgt Ion: 91 Resp: 141979
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 5.376 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:106 Resp: 53464
Ion Ratio Lower Upper
106 100
91 209.1 147.5 273.9

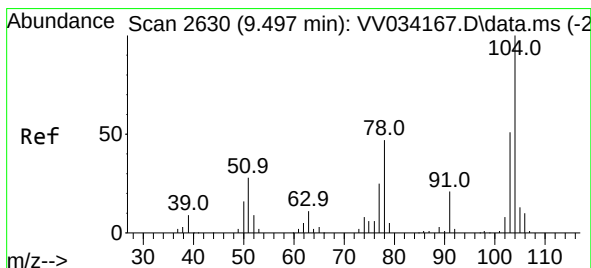
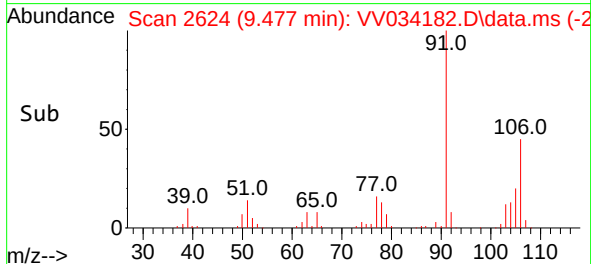
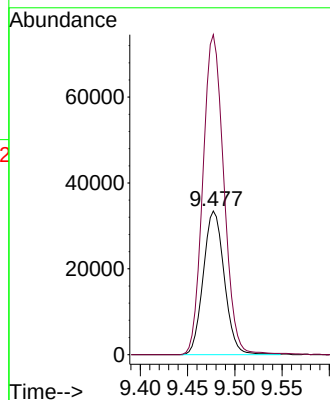
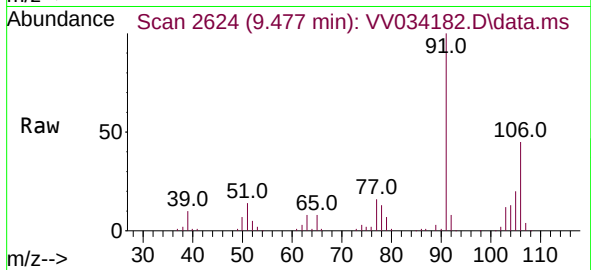




#54
o-Xylene
Concen: 5.410 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

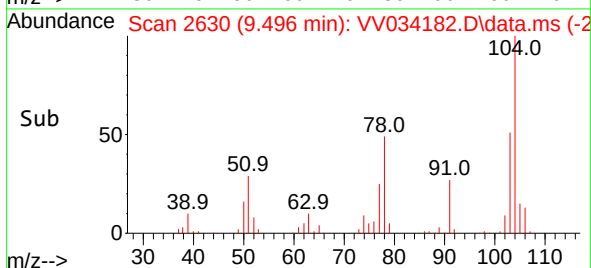
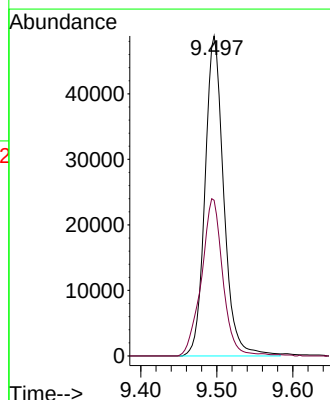
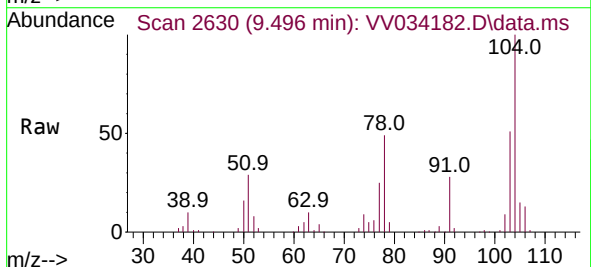
Instrument :
MSVOA_V
ClientSampleId :

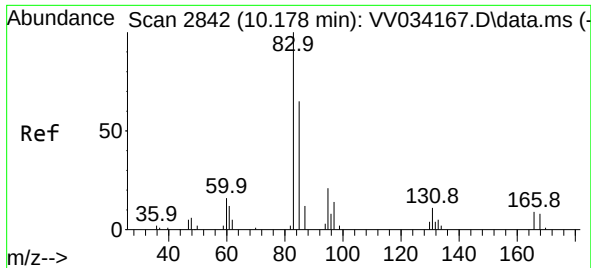
Tgt Ion:106 Resp: 51877
Ion Ratio Lower Upper
106 100
91 222.6 156.2 290.0



#55
Styrene
Concen: 5.460 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:104 Resp: 83835
Ion Ratio Lower Upper
104 100
78 48.7 32.9 61.1

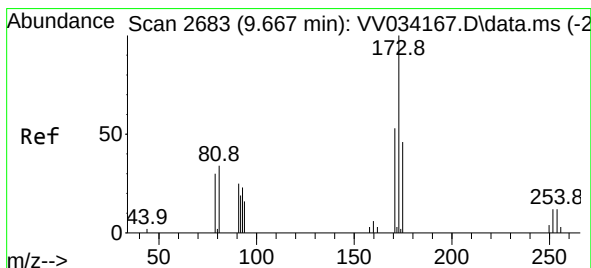
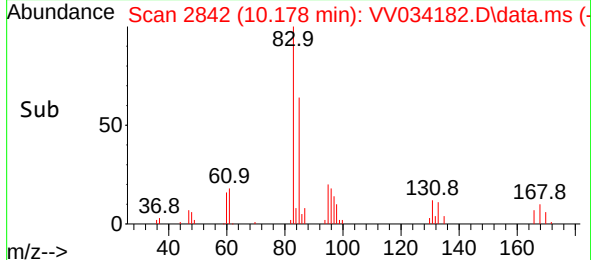
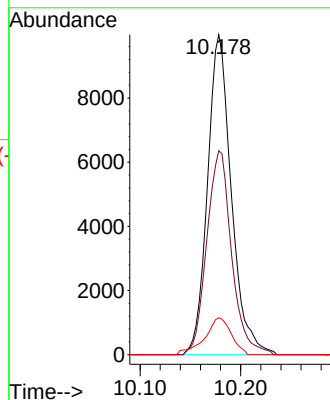
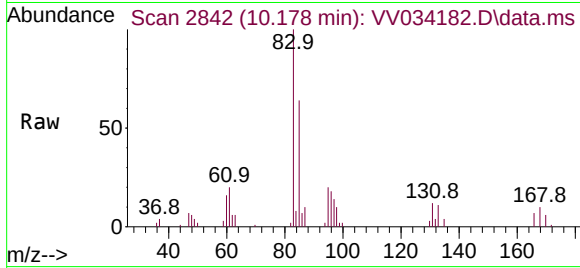




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.867 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

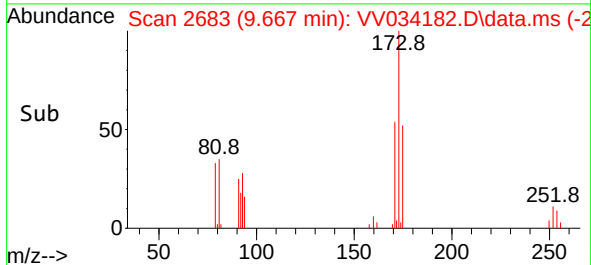
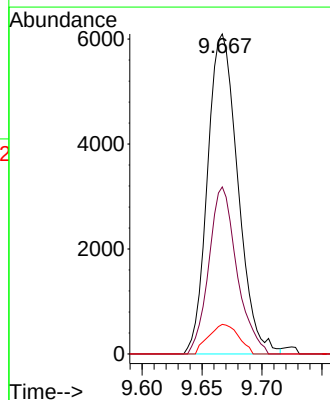
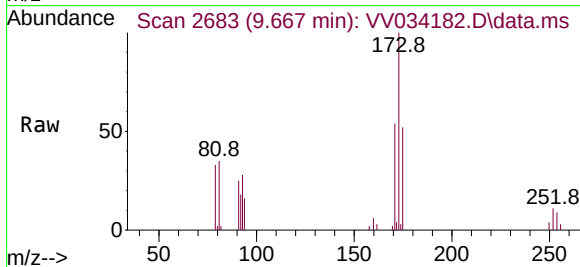
Instrument :
 MSVOA_V
 ClientSampleId :

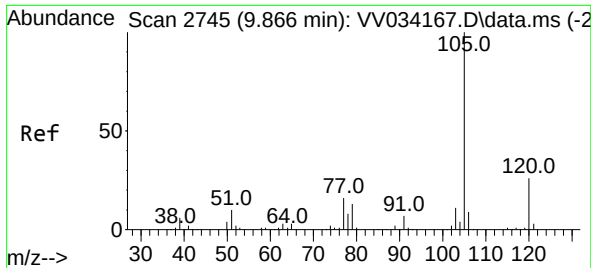
Tgt Ion:	83	Resp:	16435
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.5	86.3
131	11.5	8.4	12.6



#59
 Bromoform
 Concen: 5.057 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV034182.D
 Acq: 14 Feb 2024 15:45

Tgt Ion:	173	Resp:	10726
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	9.1	7.2	10.8

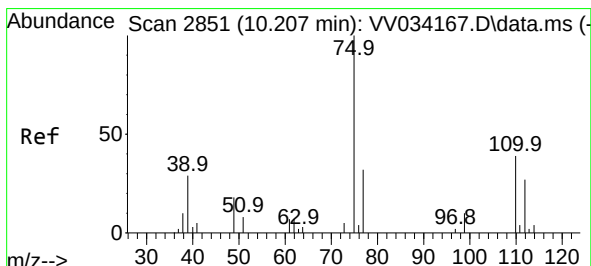
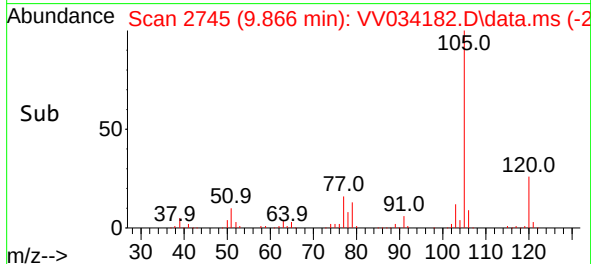
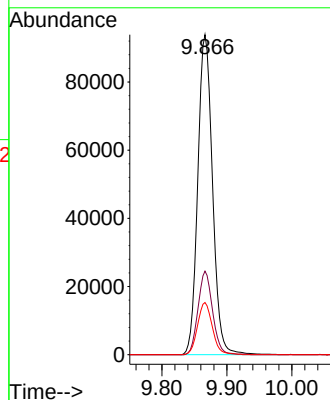
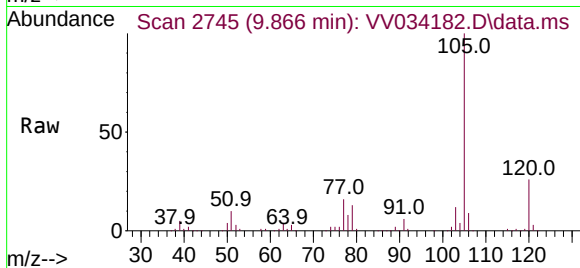




#60
Isopropylbenzene
Concen: 5.209 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

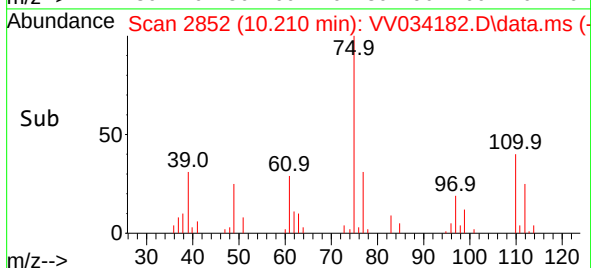
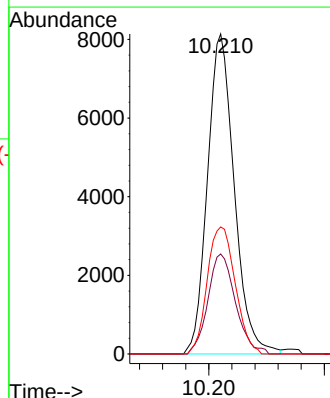
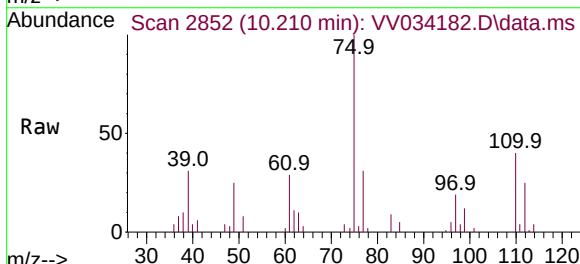
Instrument :
MSVOA_V
ClientSampleId :

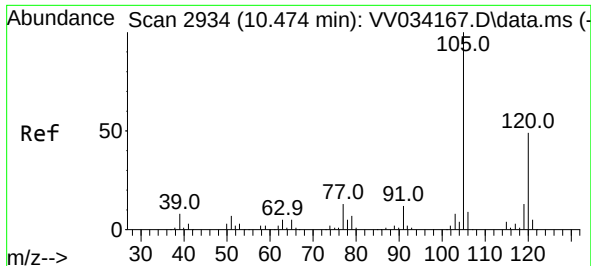
Tgt Ion:105 Resp: 148402
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.946 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion: 75 Resp: 13091
Ion Ratio Lower Upper
75 100
77 32.1 26.9 40.3
110 41.5 33.3 49.9

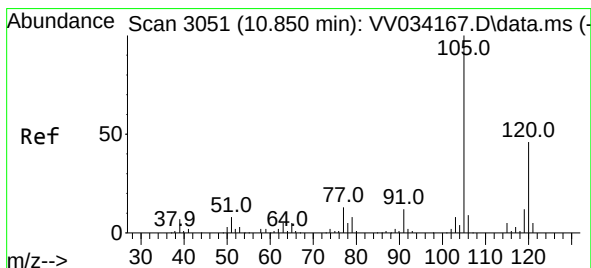
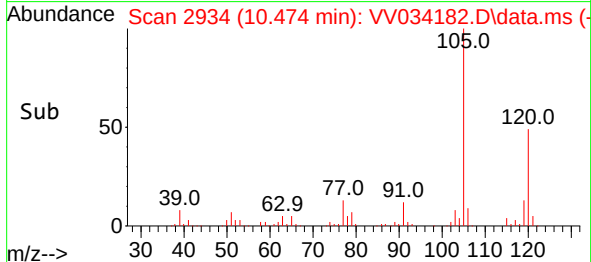
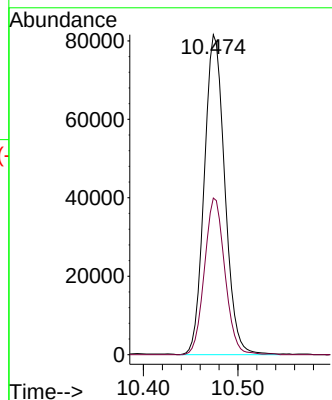
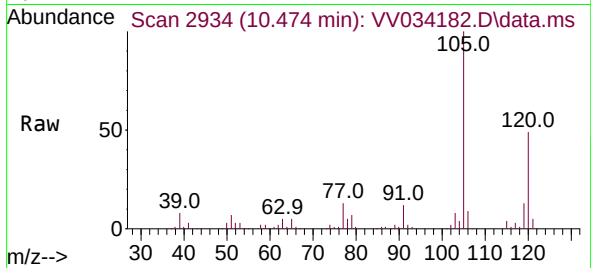




#62
1,3,5-Trimethylbenzene
Concen: 5.114 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

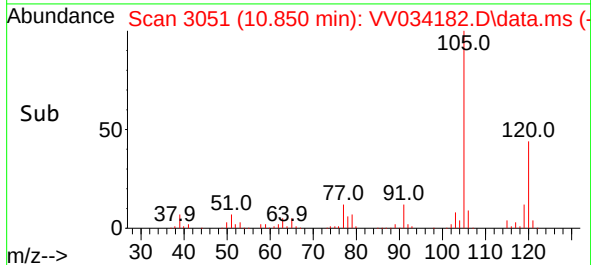
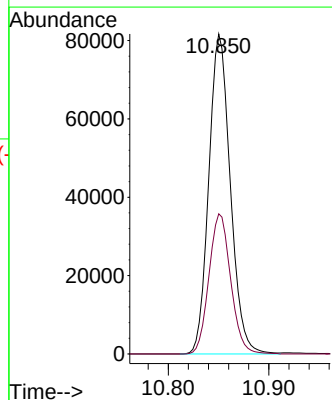
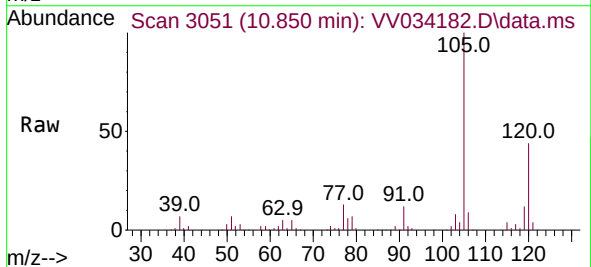
Instrument :
MSVOA_V
ClientSampleId :

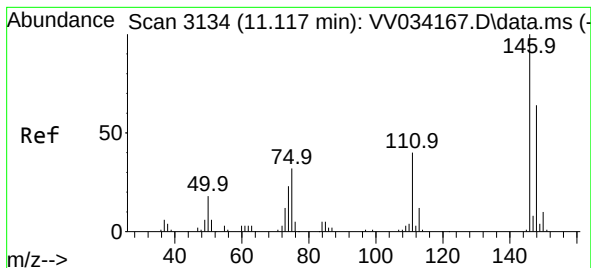
Tgt Ion:105 Resp: 123169
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.187 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034182.D
Acq: 14 Feb 2024 15:45

Tgt Ion:105 Resp: 121376
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.335 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

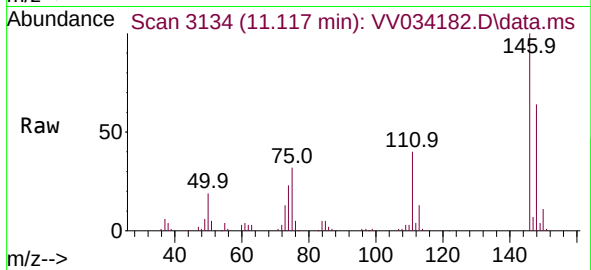
Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :



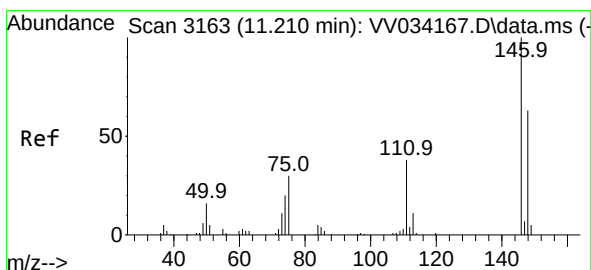
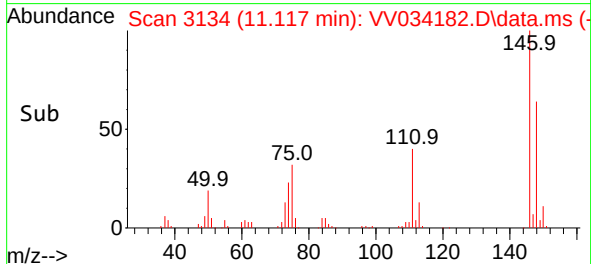
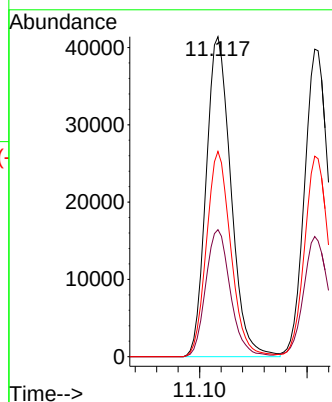
Tgt Ion:146 Resp: 66264

Ion Ratio Lower Upper

146 100

111 39.7 28.5 52.9

148 64.1 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.254 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

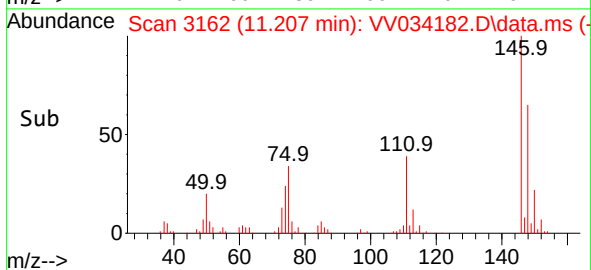
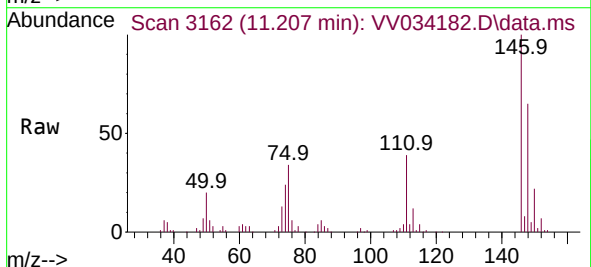
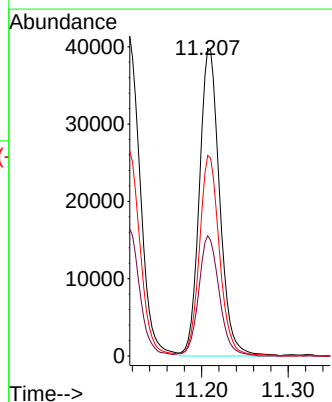
Tgt Ion:146 Resp: 64616

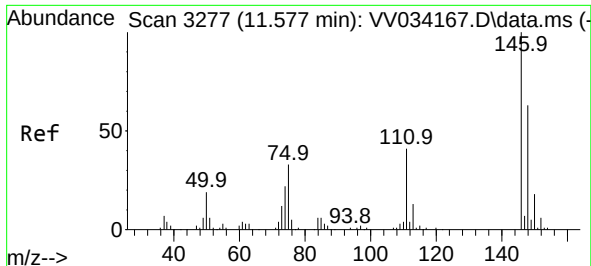
Ion Ratio Lower Upper

146 100

111 39.1 27.6 51.4

148 65.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.255 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

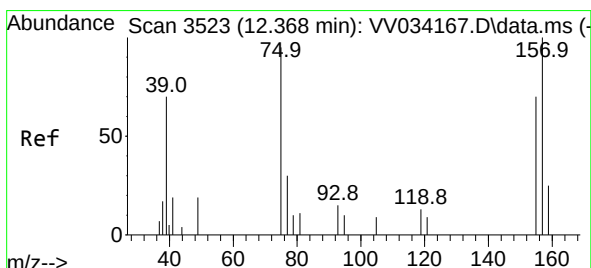
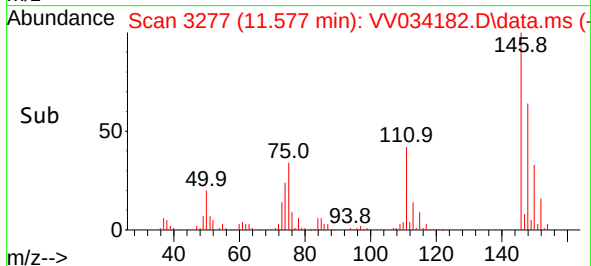
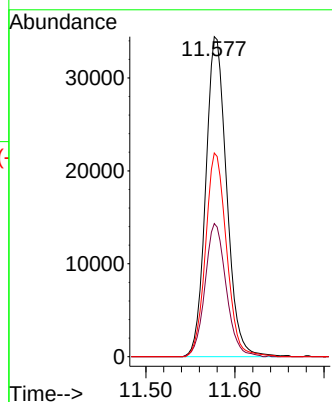
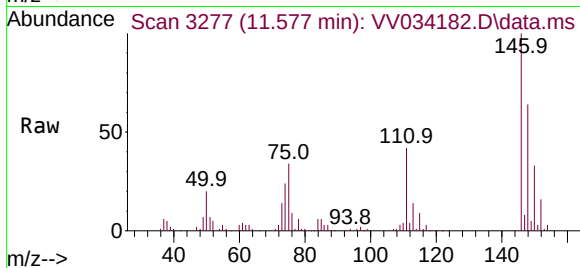
Tgt Ion:146 Resp: 56063

Ion Ratio Lower Upper

146 100

111 41.6 31.2 46.8

148 63.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.078 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

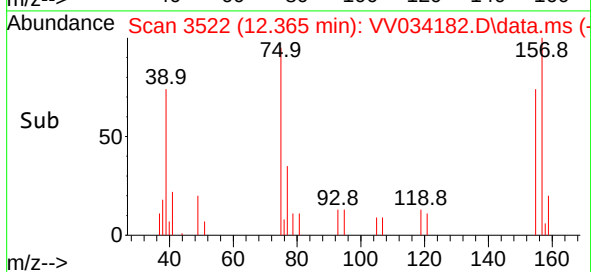
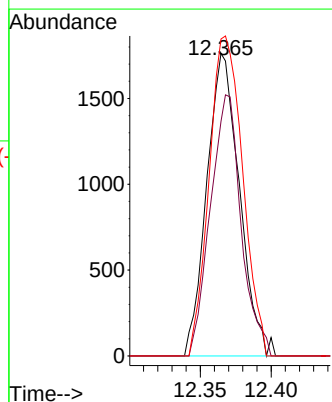
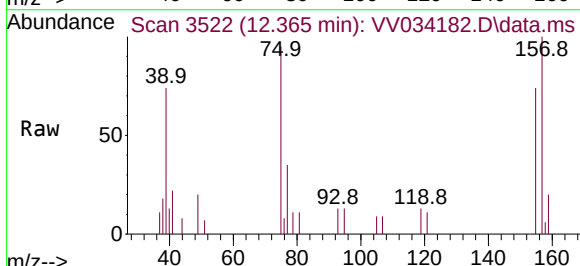
Tgt Ion: 75 Resp: 2817

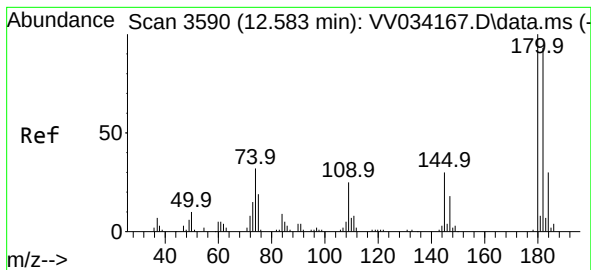
Ion Ratio Lower Upper

75 100

155 77.5 68.9 103.3

157 104.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.375 ug/L

RT: 12.580 min Scan# 3590

Delta R.T. -0.003 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 51672

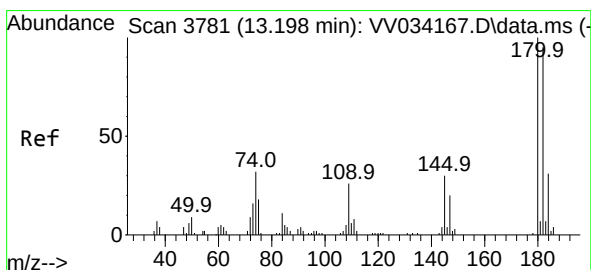
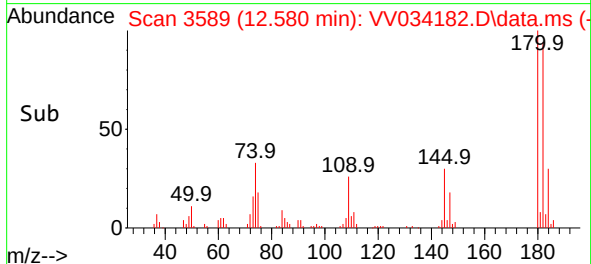
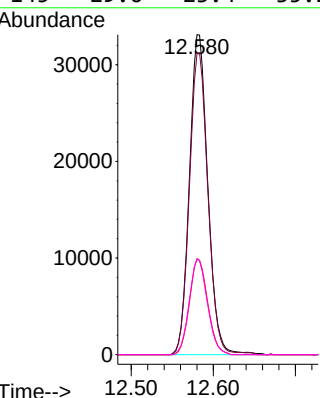
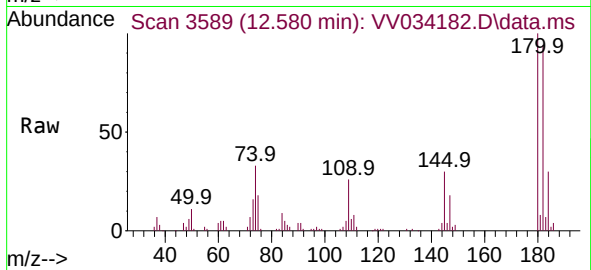
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

184 29.7 23.8 35.6

145 29.6 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.377 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

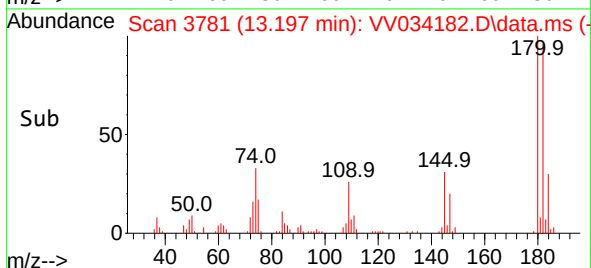
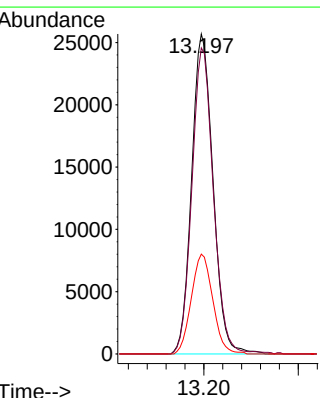
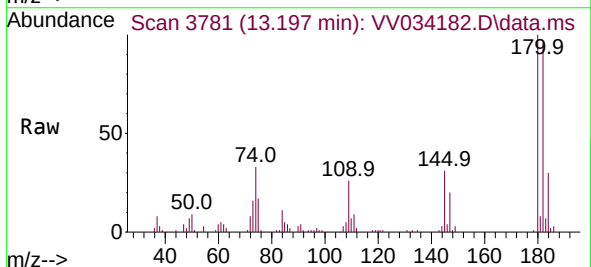
Tgt Ion:180 Resp: 40347

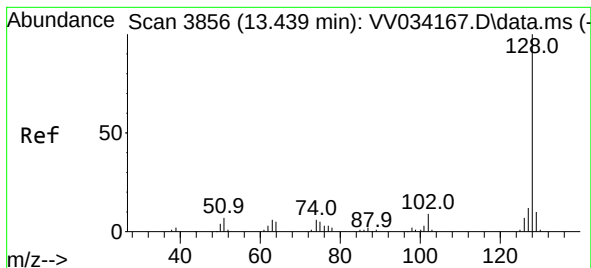
Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 31.3 24.8 37.2





#71

Naphthalene

Concen: 5.180 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034182.D

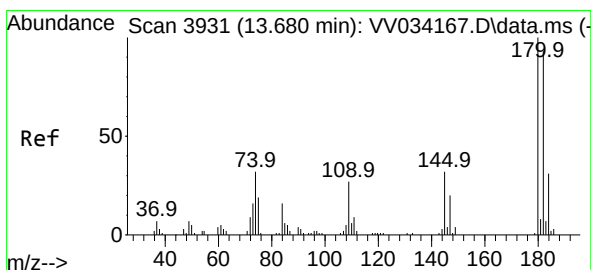
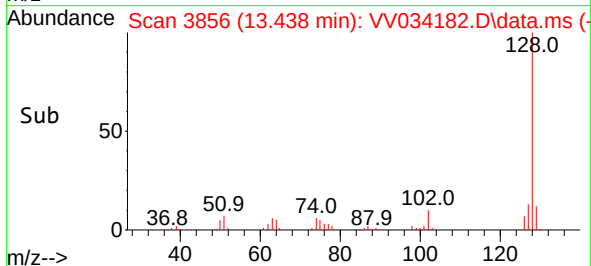
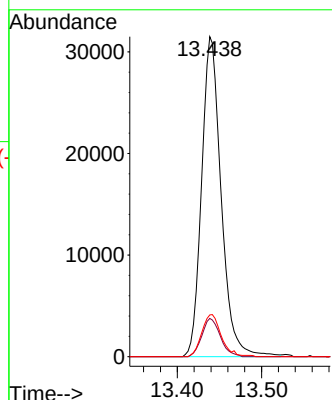
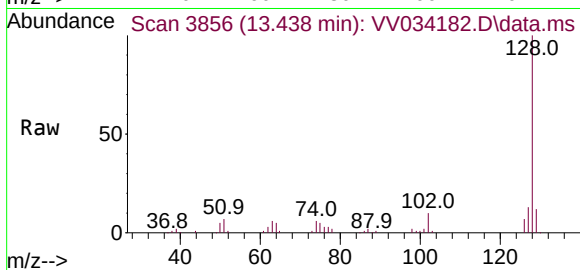
Acq: 14 Feb 2024 15:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	50930
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.5 12.7
127	13.0	10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.471 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034182.D

Acq: 14 Feb 2024 15:45

Tgt Ion:180	Resp:	32896
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.0 112.6
145	31.9	25.2 37.8

