

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034002.D
 Acq On : 06 Feb 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 00:44:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	85874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	42709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29032	4.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.532	69	26262	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.059	65	14426	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.825	46	41915	34.720	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.440%
24) Chloroform-d	4.249	84	56943	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.944	65	25369	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	4.960	84	107699	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.989	67	29665	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.243	98	99563	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.558	79	10812	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.027	63	37446	38.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.140%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17391	3.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32178	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43352	5.097	ug/L	99
3) Chloromethane	1.214	50	45689	4.925	ug/L	98
5) Vinyl chloride	1.285	62	44188	4.984	ug/L	90
6) Bromomethane	1.490	94	21772	4.663	ug/L	96
8) Chloroethane	1.551	64	26517	4.385	ug/L	96
9) Trichlorofluoromethane	1.715	101	66023	5.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	34151	5.114	ug/L	98
12) 1,1-Dichloroethene	2.069	96	33021	5.093	ug/L	96
13) Acetone	2.149	43	32054	34.999	ug/L	# 43
14) Carbon disulfide	2.240	76	97265	4.636	ug/L	99
15) Methyl Acetate	2.391	43	7899	3.644	ug/L	# 72
16) Methylene chloride	2.449	84	31864	5.122	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	59539	4.469	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32423	4.910	ug/L	99
19) 1,1-Dichloroethane	3.111	63	60401	4.978	ug/L	96
21) 2-Butanone	3.908	43	46906	38.756	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	34564	4.613	ug/L	96
23) Bromochloromethane	4.149	128	13376	5.135	ug/L	91
25) Chloroform	4.275	83	60898	4.965	ug/L	98

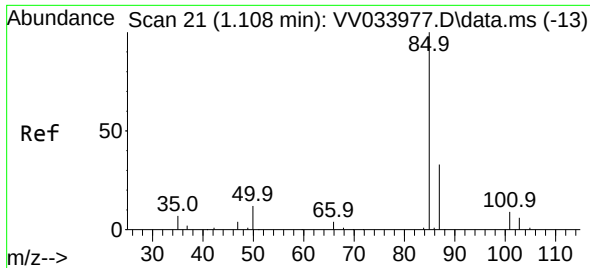
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
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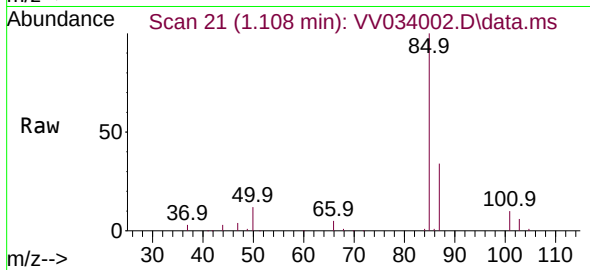
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	34705	4.941	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	68366	5.930	ug/L	98
30) Cyclohexane	4.580	56	54209	4.835	ug/L	99
31) Carbon tetrachloride	4.735	117	52490	5.203	ug/L	99
33) Benzene	5.008	78	128427	4.986	ug/L	100
34) Trichloroethene	5.831	95	35912	4.818	ug/L	96
35) Methylcyclohexane	6.050	83	57462	4.911	ug/L	98
37) 1,2-Dichloropropane	6.095	63	30169	4.835	ug/L	99
38) Bromodichloromethane	6.432	83	40374	4.930	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	45630	4.807	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	133658	44.737	ug/L	99
42) Toluene	7.313	91	139110	5.053	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	34877	4.785	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	18274	4.743	ug/L	96
47) Tetrachloroethene	7.905	164	28203	4.656	ug/L	96
48) 2-Hexanone	8.079	43	94408	44.829	ug/L	98
49) Dibromochloromethane	8.175	129	22731	4.965	ug/L	100
50) 1,2-Dibromoethane	8.284	107	16676	4.823	ug/L #	91
51) Chlorobenzene	8.815	112	87691	5.038	ug/L	97
52) Ethylbenzene	8.943	91	160490	5.065	ug/L	100
53) m,p-Xylene	9.072	106	60248	5.032	ug/L	100
54) o-Xylene	9.477	106	58633	5.078	ug/L	93
55) Styrene	9.496	104	95313	5.156	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	20174	4.962	ug/L	93
59) Bromoform	9.667	173	11848	5.036	ug/L	99
60) Isopropylbenzene	9.866	105	163738	5.181	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13748	4.682	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	138248	5.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	135268	5.211	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	71611	5.197	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	67079	4.916	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	60481	5.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	2842	4.619	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	55321	5.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	42010	5.047	ug/L	99
71) Naphthalene	13.442	128	53151	4.873	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	33448	5.015	ug/L	99

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

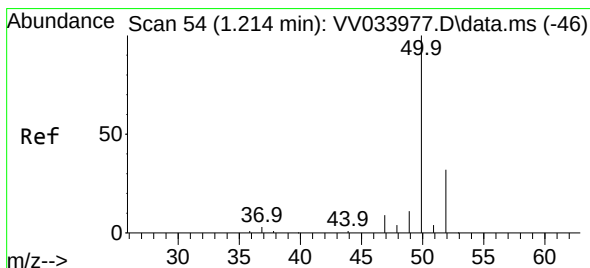
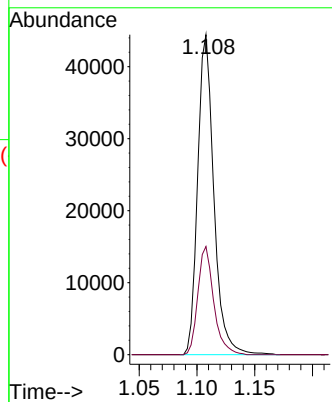
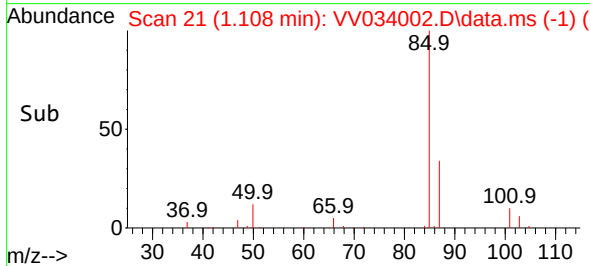


#2
 Dichlorodifluoromethane
 Concen: 5.097 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

Instrument :
 MSVOA_V
 ClientSampleId :

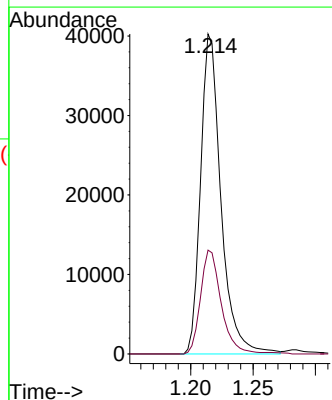
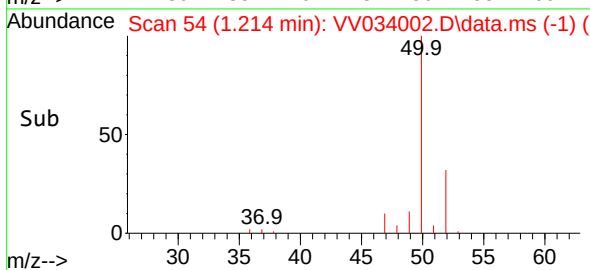
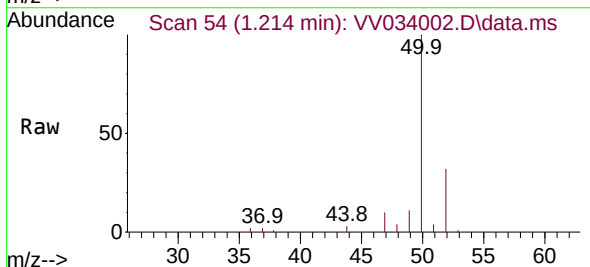


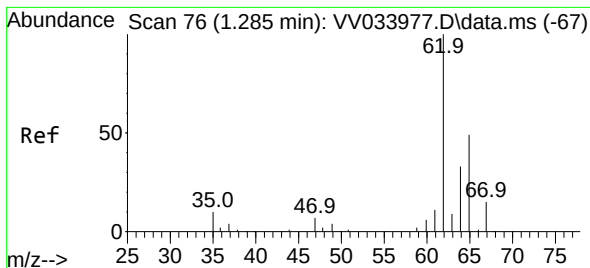
Tgt Ion: 85 Resp: 43352
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.2 39.4



#3
 Chloromethane
 Concen: 4.925 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

Tgt Ion: 50 Resp: 45689
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.4

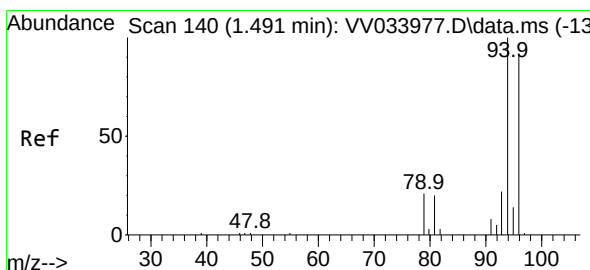
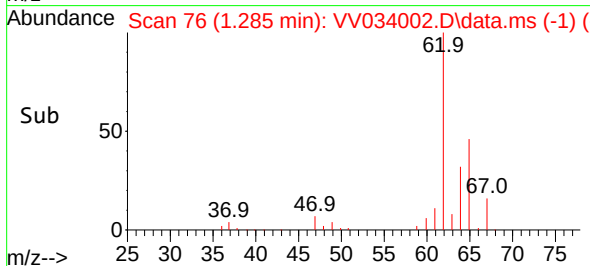
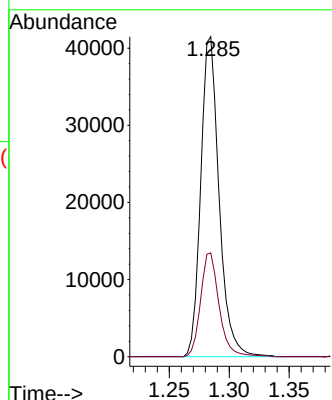
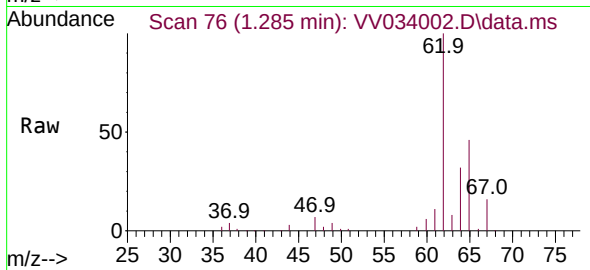




#5
 Vinyl chloride
 Concen: 4.984 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

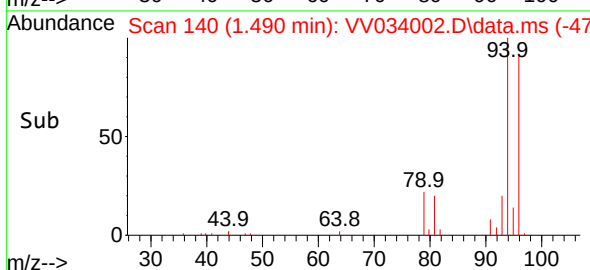
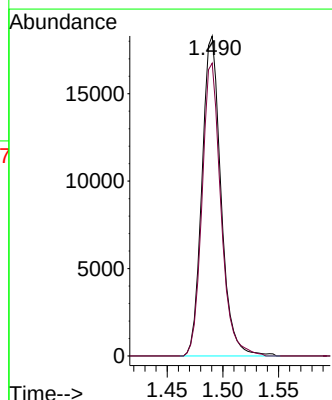
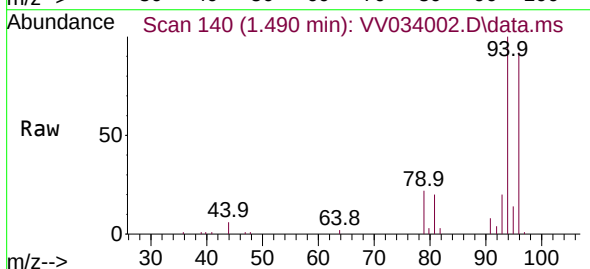
Instrument :
 MSVOA_V
 ClientSampleId :

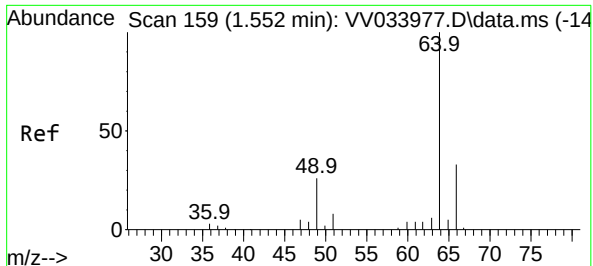
Tgt Ion: 62 Resp: 44188
 Ion Ratio Lower Upper
 62 100
 64 32.5 27.2 50.4



#6
 Bromomethane
 Concen: 4.663 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

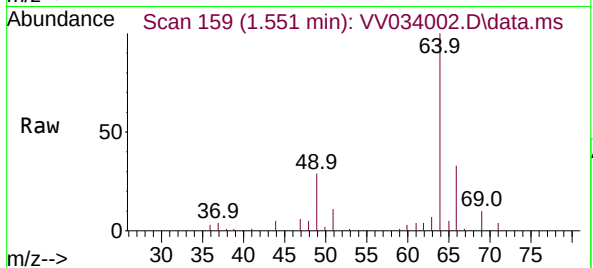
Tgt Ion: 94 Resp: 21772
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.6 123.8



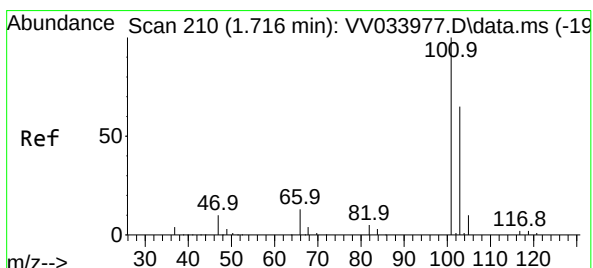
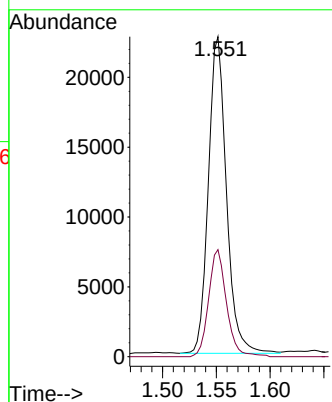
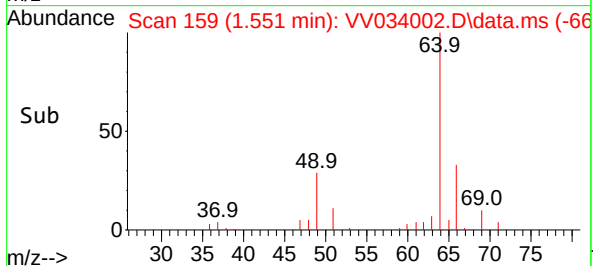


#8
Chloroethane
Concen: 4.385 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Instrument :
MSVOA_V
ClientSampleId :

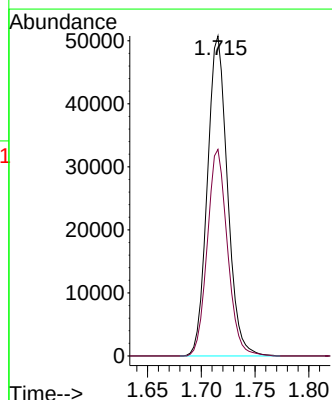
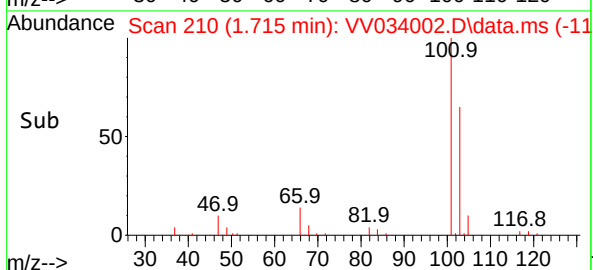
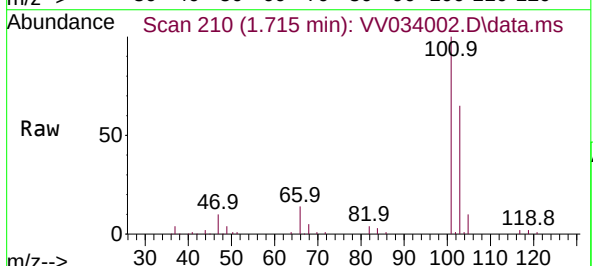


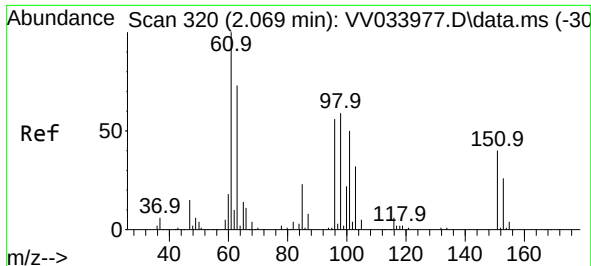
Tgt Ion: 64 Resp: 26517
Ion Ratio Lower Upper
64 100
66 33.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.168 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:101 Resp: 66023
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.114 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034002.D

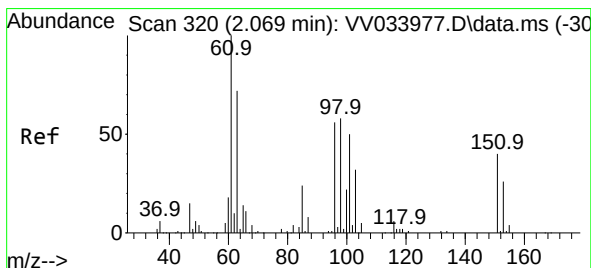
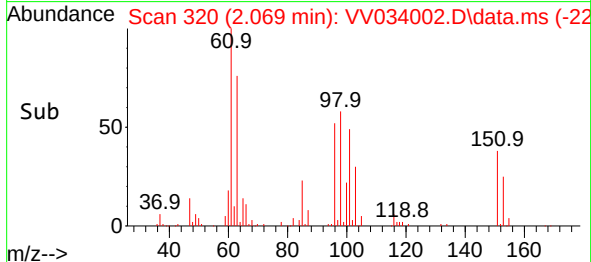
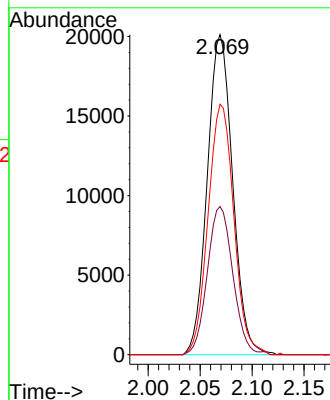
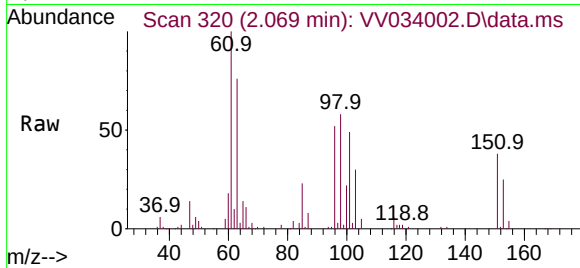
Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	34151
Ion Ratio	Lower	Upper
101	100	
85	46.6	37.1 55.7
151	79.5	61.7 92.5



#12

1,1-Dichloroethene

Concen: 5.093 ug/L

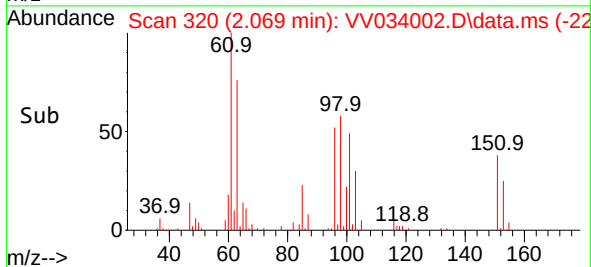
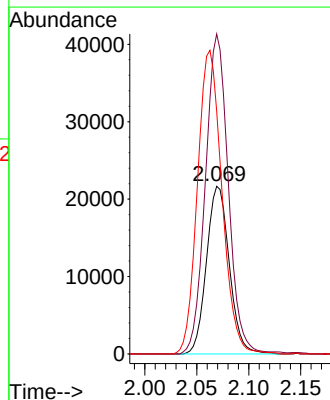
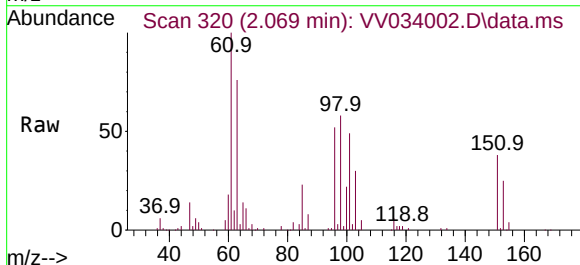
RT: 2.069 min Scan# 320

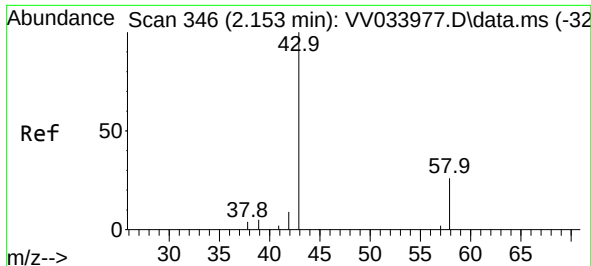
Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Tgt Ion: 96	Resp:	33021
Ion Ratio	Lower	Upper
96	100	
61	190.9	128.8 239.2
63	144.9	97.9 181.9





#13

Acetone

Concen: 34.999 ug/L

RT: 2.149 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

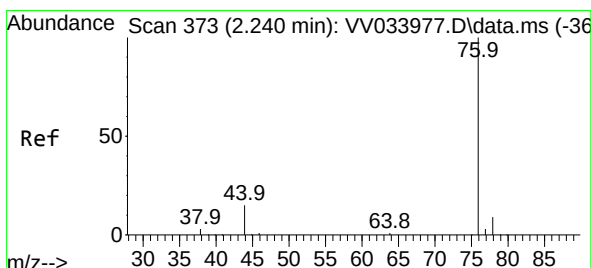
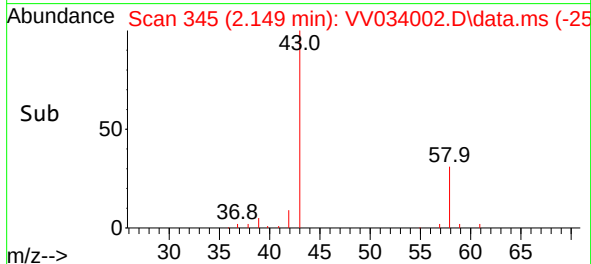
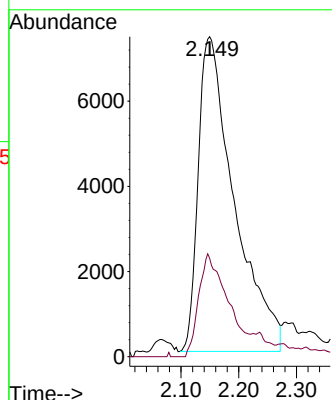
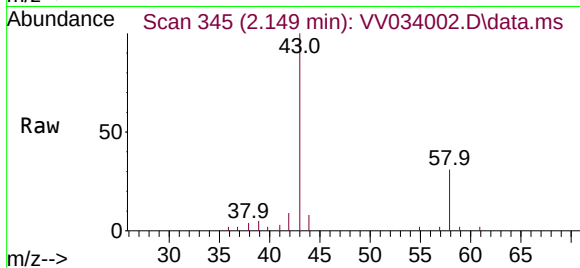
ClientSampleId :

Tgt Ion: 43 Resp: 32054

Ion Ratio Lower Upper

43 100

58 26.5 0.0 13.8#



#14

Carbon disulfide

Concen: 4.636 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034002.D

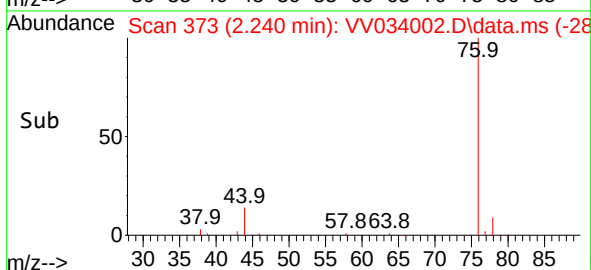
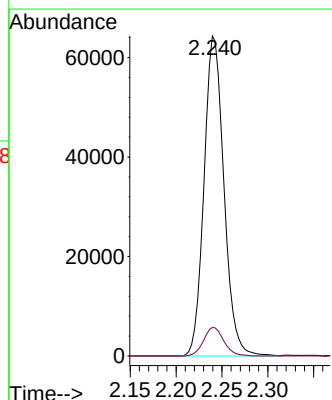
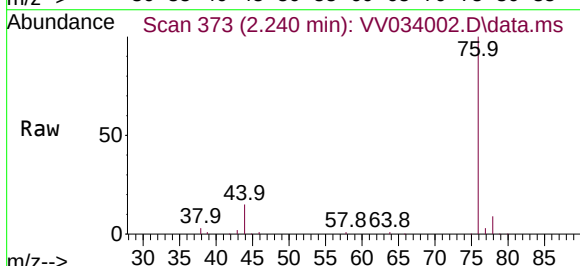
Acq: 06 Feb 2024 09:28

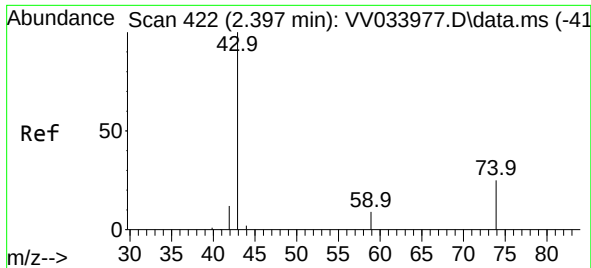
Tgt Ion: 76 Resp: 97265

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 3.644 ug/L

RT: 2.391 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

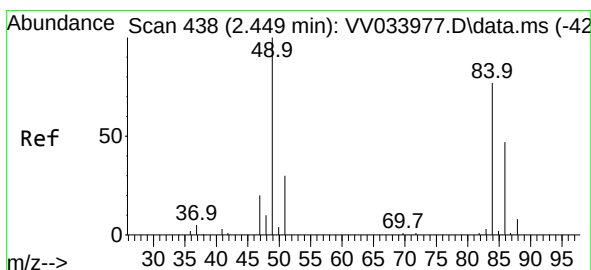
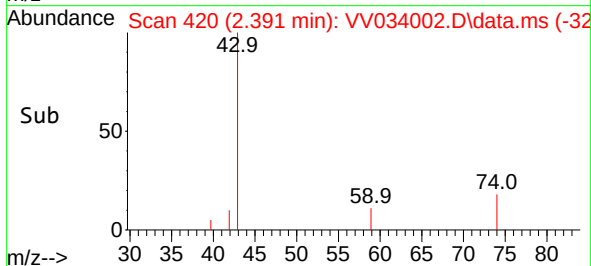
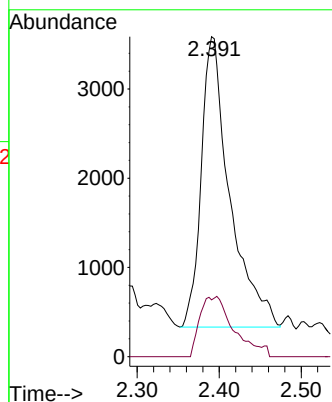
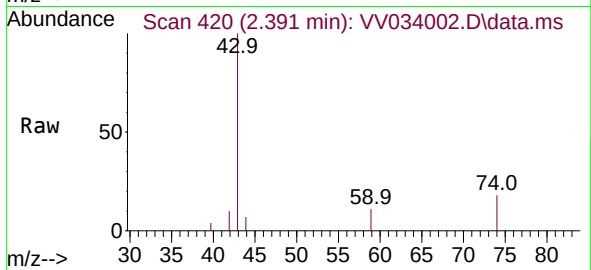
ClientSampleId :

Tgt Ion: 43 Resp: 7899

Ion Ratio Lower Upper

43 100

74 9.3 18.2 27.4#



#16

Methylene chloride

Concen: 5.122 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

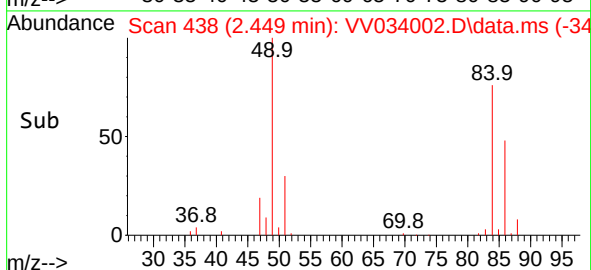
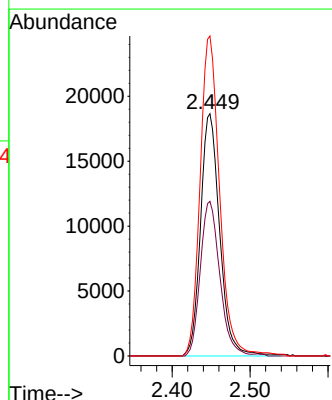
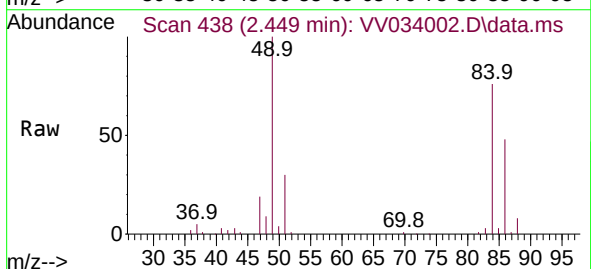
Tgt Ion: 84 Resp: 31864

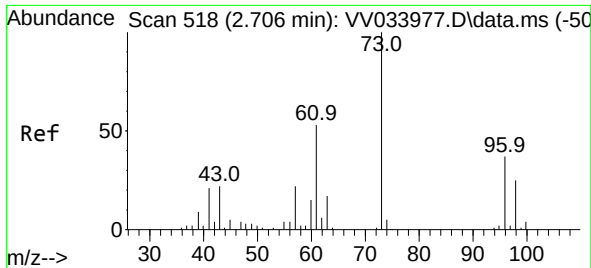
Ion Ratio Lower Upper

84 100

86 63.8 44.7 83.1

49 132.1 93.7 173.9

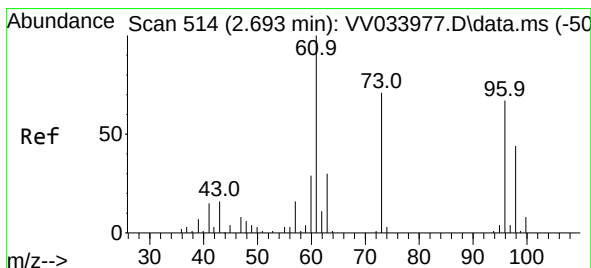
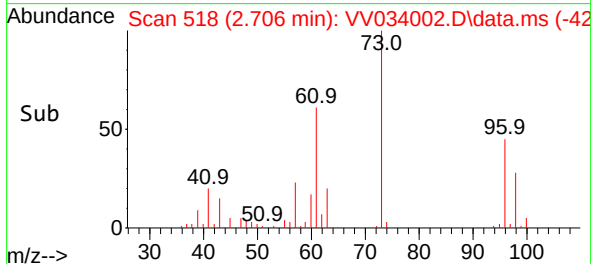
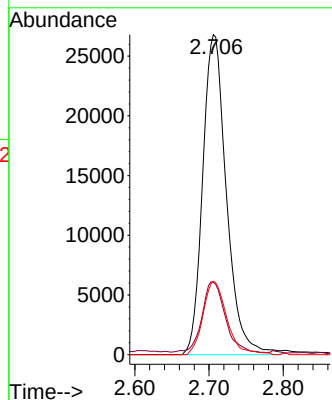
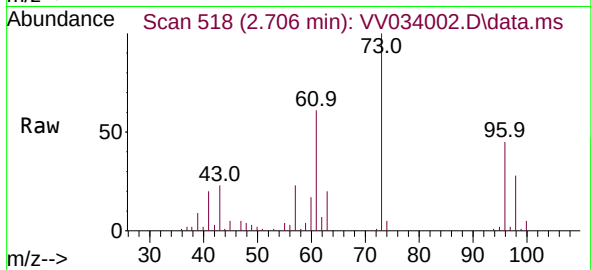




#17
Methyl tert-butyl Ether
Concen: 4.469 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

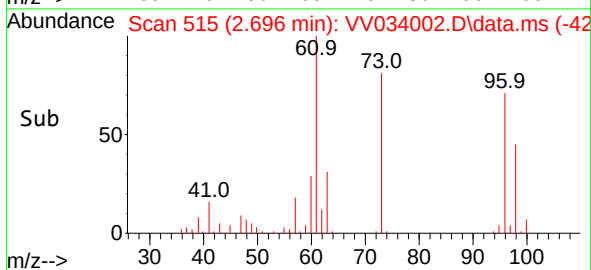
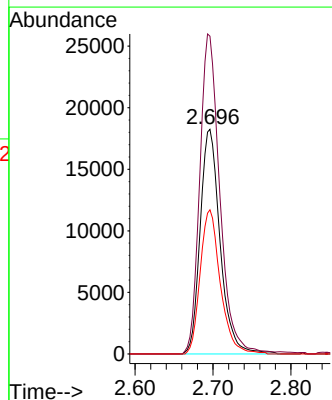
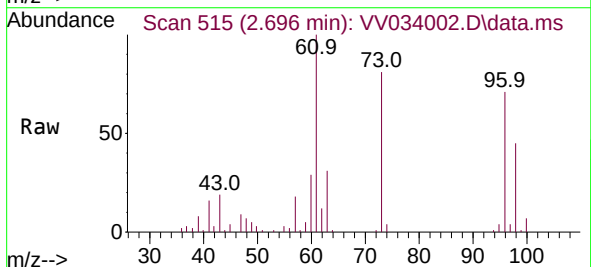
Instrument :
MSVOA_V
ClientSampleId :

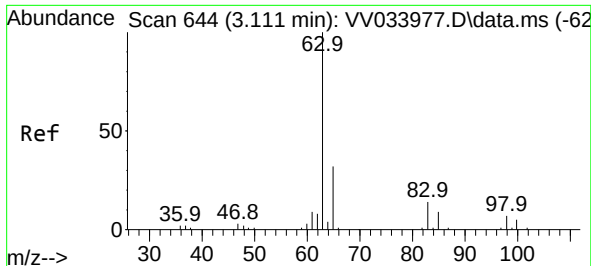
Tgt Ion:	73	Resp:	59539
Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.7	26.5
57	22.8	17.9	26.9



#18
trans-1,2-Dichloroethene
Concen: 4.910 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:	96	Resp:	32423
Ion	Ratio	Lower	Upper
96	100		
61	141.5	97.6	181.4
98	64.1	44.4	82.5





#19

1,1-Dichloroethane

Concen: 4.978 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

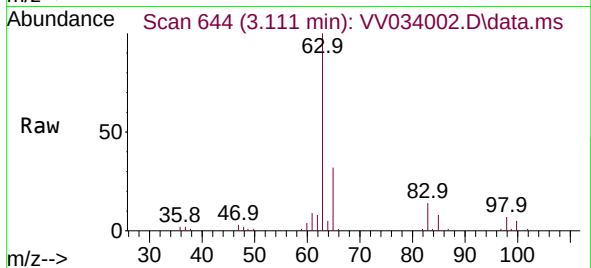
Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

ClientSampleId :



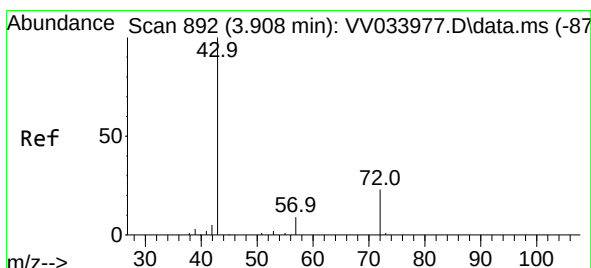
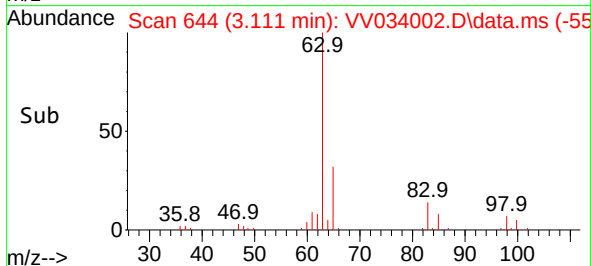
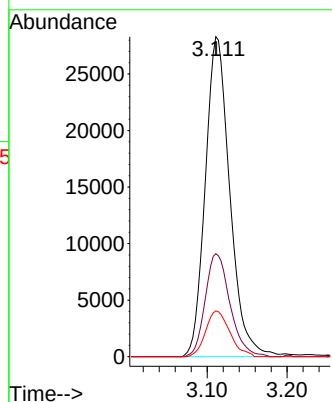
Tgt Ion: 63 Resp: 60401

Ion Ratio Lower Upper

63 100

65 32.2 20.8 38.6

83 14.3 9.4 17.4



#21

2-Butanone

Concen: 38.756 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV034002.D

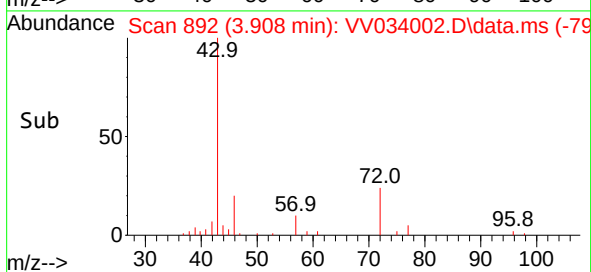
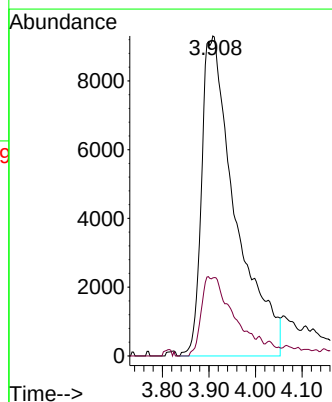
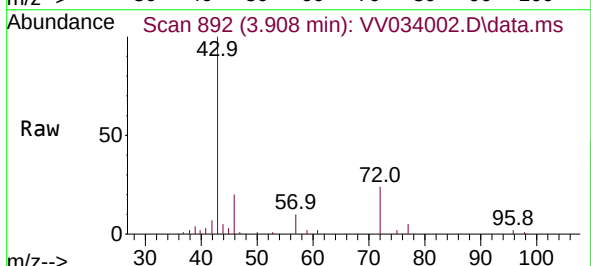
Acq: 06 Feb 2024 09:28

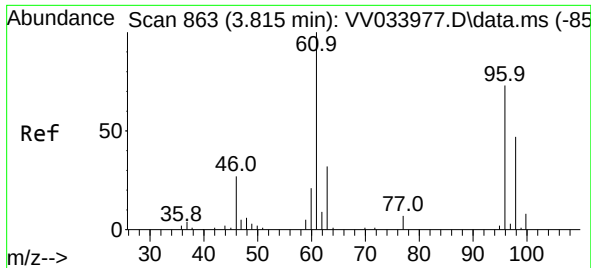
Tgt Ion: 43 Resp: 46906

Ion Ratio Lower Upper

43 100

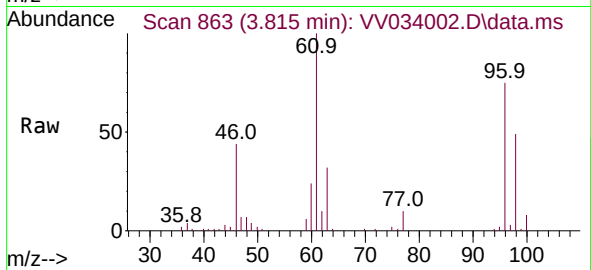
72 7.6 4.0 11.9





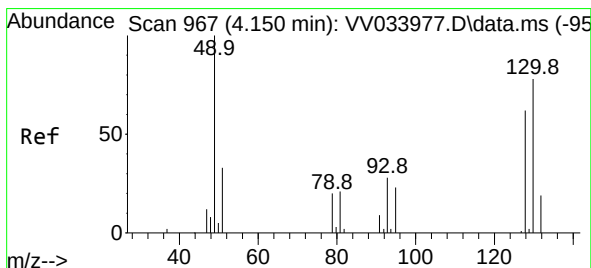
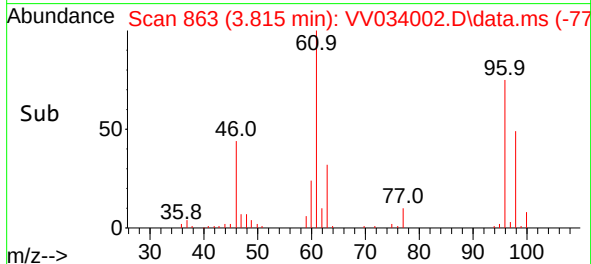
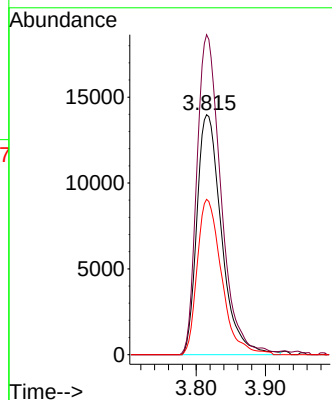
#22
 cis-1,2-Dichloroethene
 Concen: 4.613 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 34564

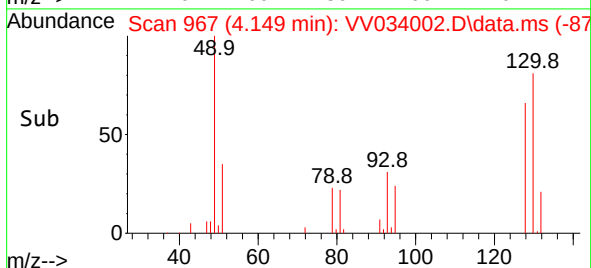
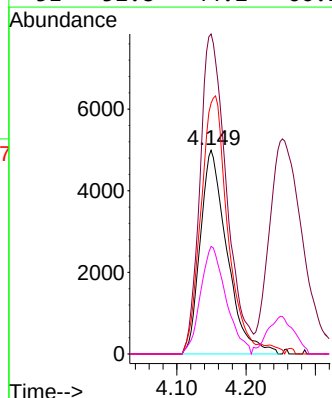
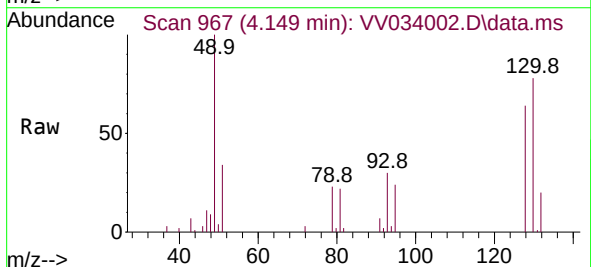
Ion	Ratio	Lower	Upper
96	100		
61	133.3	90.3	167.7
98	64.7	43.2	80.2

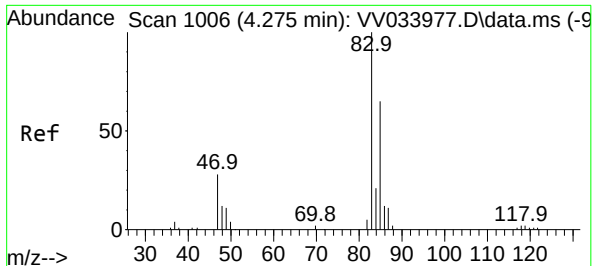


#23
 Bromochloromethane
 Concen: 5.135 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV034002.D
 Acq: 06 Feb 2024 09:28

Tgt Ion: 128 Resp: 13376

Ion	Ratio	Lower	Upper
128	100		
49	157.1	120.5	223.7
130	123.1	93.4	173.4
51	52.8	44.2	66.2

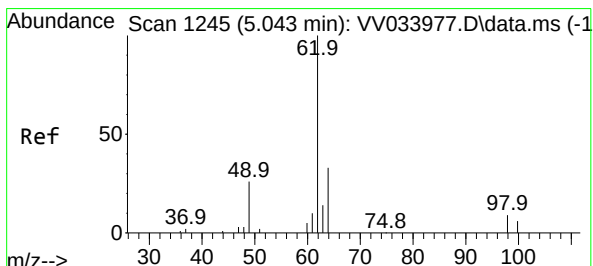
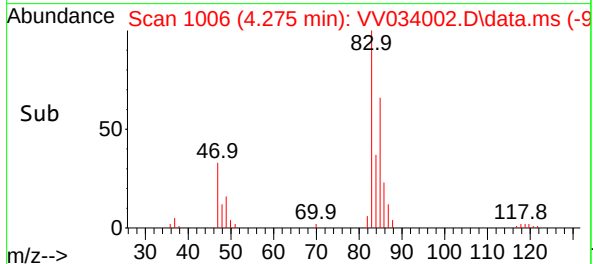
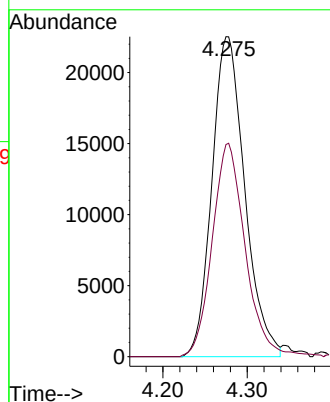
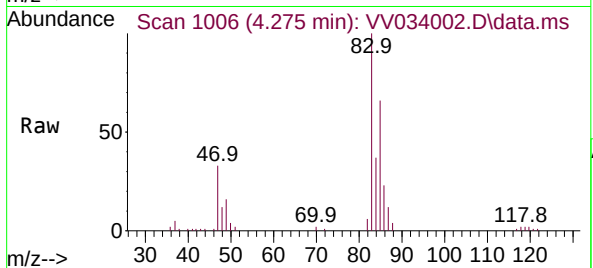




#25
Chloroform
Concen: 4.965 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

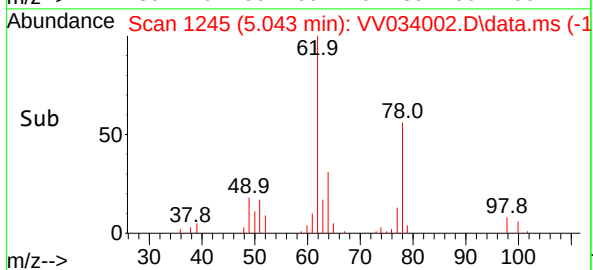
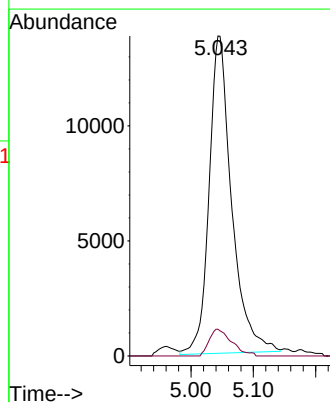
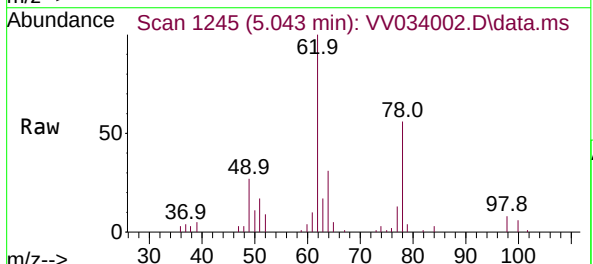
Instrument :
MSVOA_V
ClientSampleId :

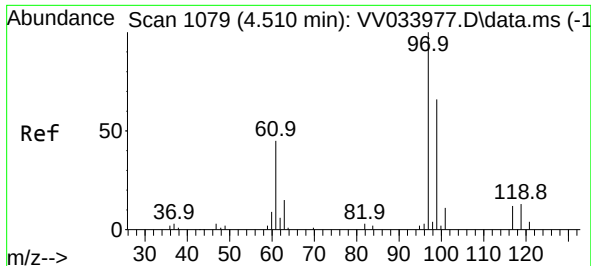
Tgt Ion: 83 Resp: 60898
Ion Ratio Lower Upper
83 100
85 66.3 47.5 88.1



#27
1,2-Dichloroethane
Concen: 4.941 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion: 62 Resp: 34705
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.930 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

ClientSampleId :

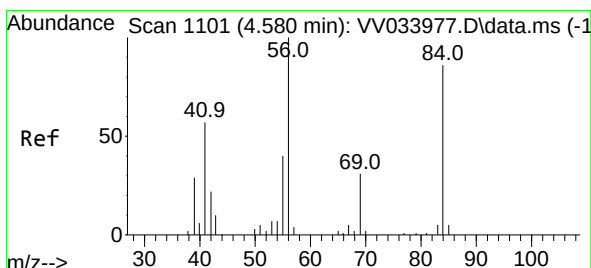
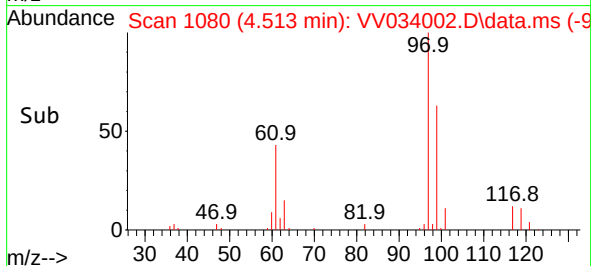
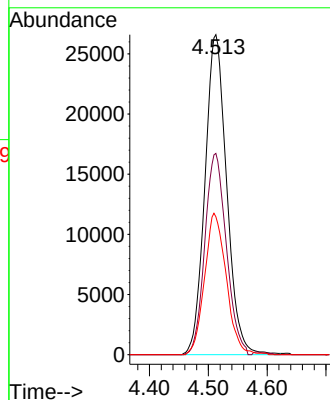
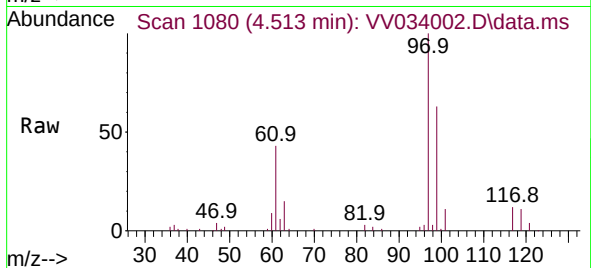
Tgt Ion: 97 Resp: 68366

Ion Ratio Lower Upper

97 100

99 62.1 50.6 75.8

61 44.0 36.8 55.2



#30

Cyclohexane

Concen: 4.835 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

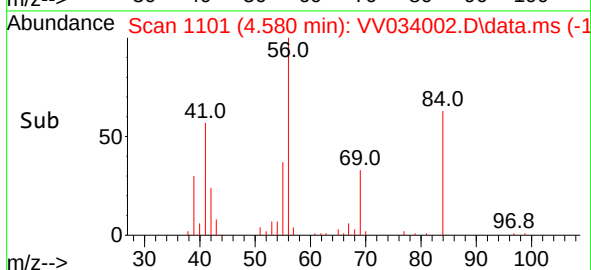
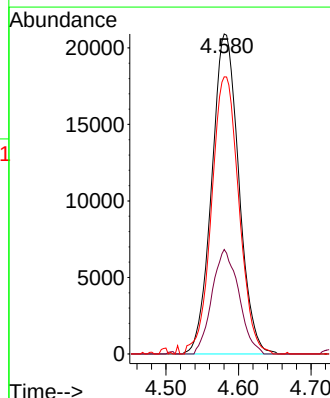
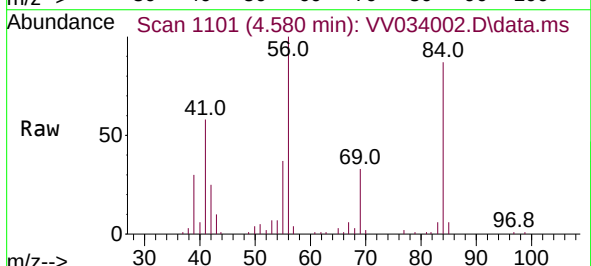
Tgt Ion: 56 Resp: 54209

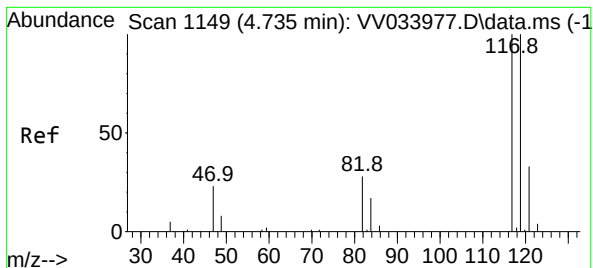
Ion Ratio Lower Upper

56 100

69 32.3 24.2 36.2

84 87.3 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.203 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

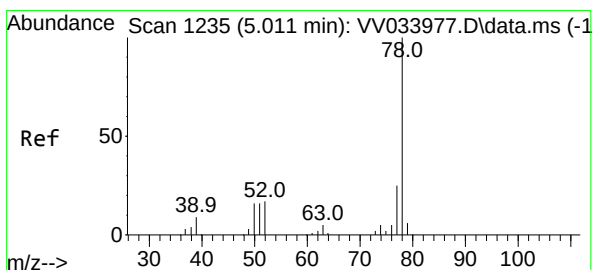
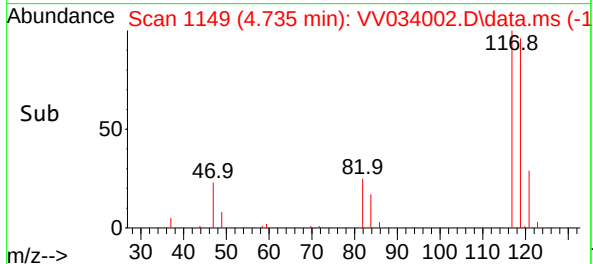
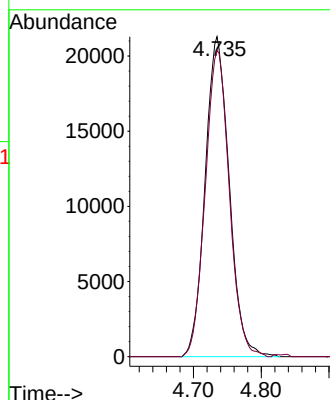
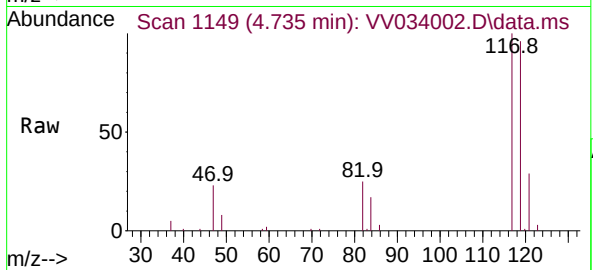
ClientSampleId :

Tgt Ion:117 Resp: 52490

Ion Ratio Lower Upper

117 100

119 95.6 76.1 114.1



#33

Benzene

Concen: 4.986 ug/L

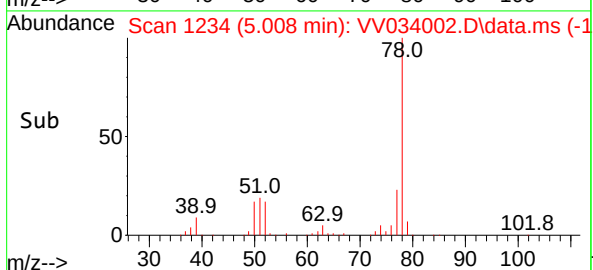
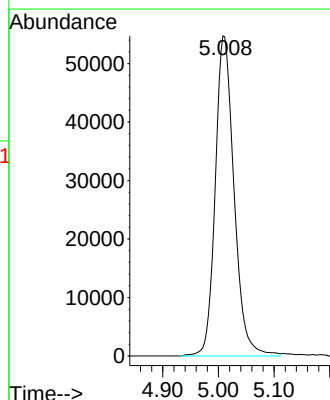
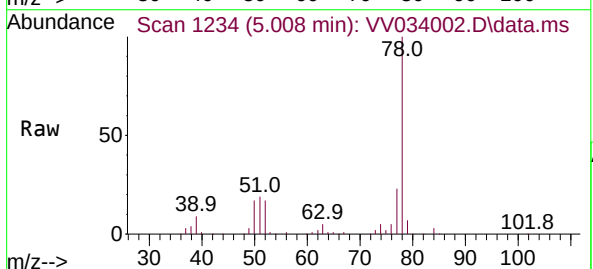
RT: 5.008 min Scan# 1234

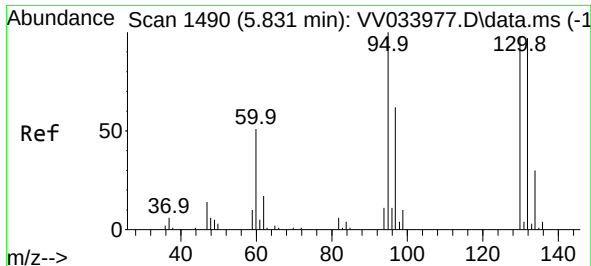
Delta R.T. -0.003 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

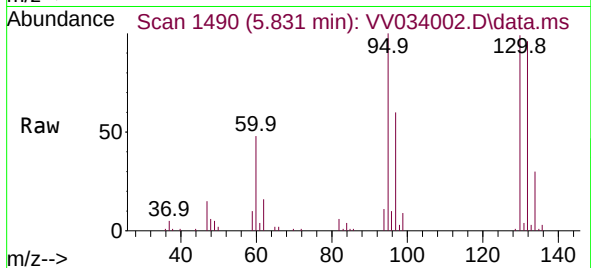
Tgt Ion: 78 Resp: 128427



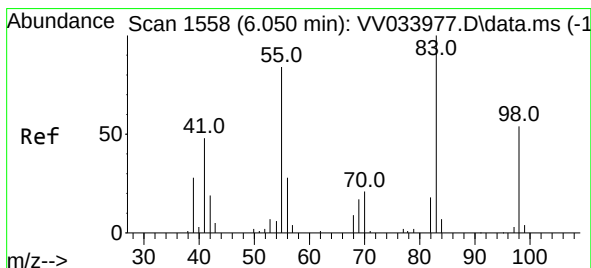
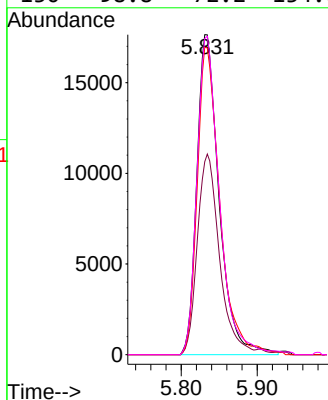
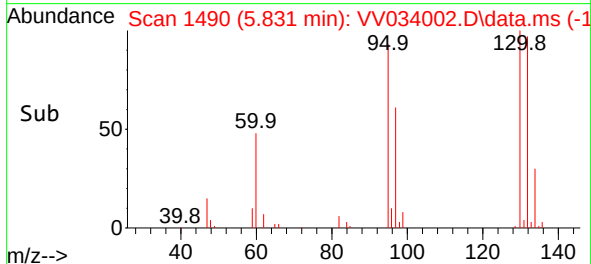


#34
Trichloroethene
Concen: 4.818 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Instrument :
MSVOA_V
ClientSampleId :

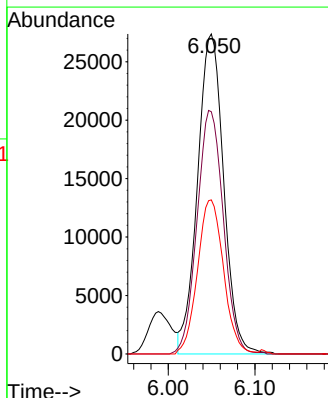
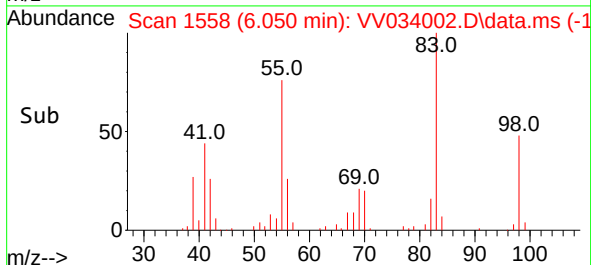
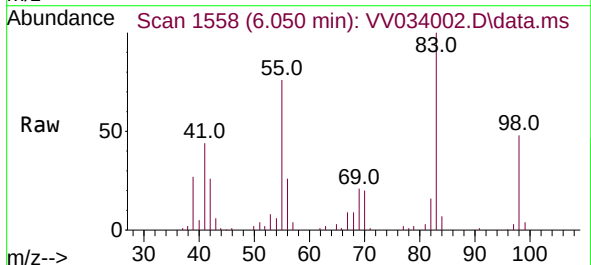


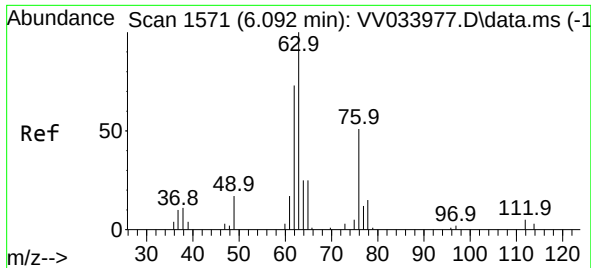
Tgt Ion: 95 Resp: 35912
Ion Ratio Lower Upper
95 100
97 60.3 45.1 83.7
132 96.1 66.0 122.6
130 98.8 72.2 134.0



#35
Methylcyclohexane
Concen: 4.911 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion: 83 Resp: 57462
Ion Ratio Lower Upper
83 100
55 76.5 63.5 95.3
98 47.9 39.0 58.4

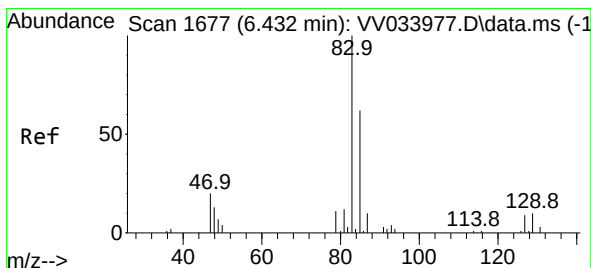
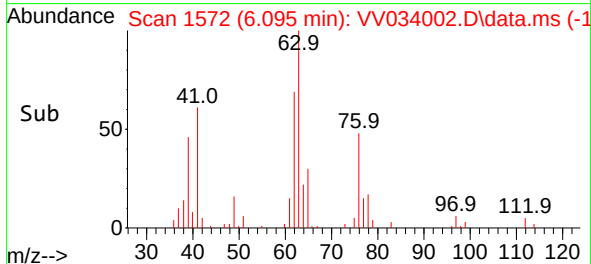
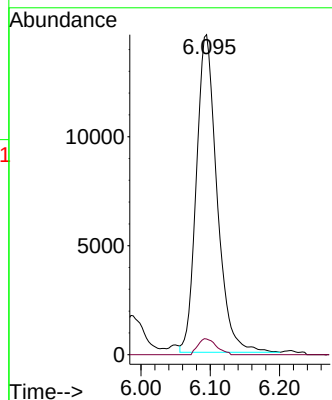
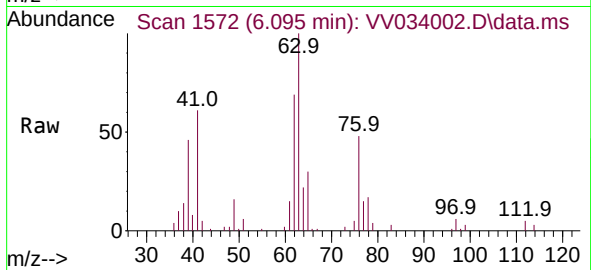




#37
1,2-Dichloropropane
Concen: 4.835 ug/L
RT: 6.095 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

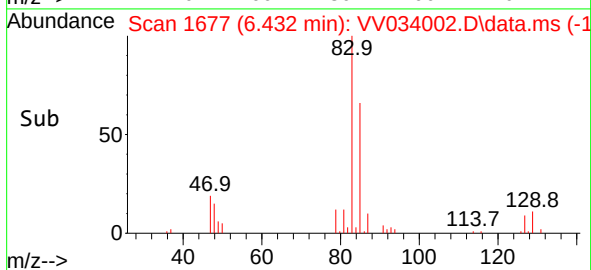
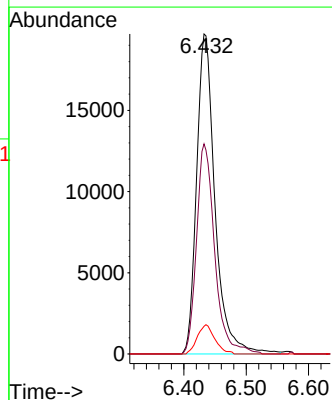
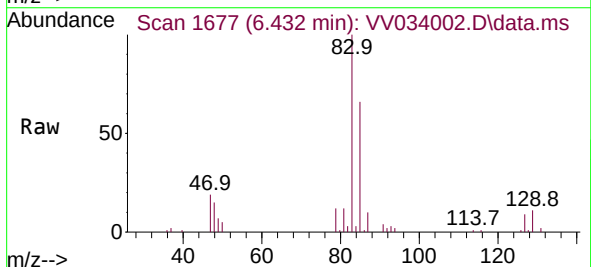
Instrument :
MSVOA_V
ClientSampleId :

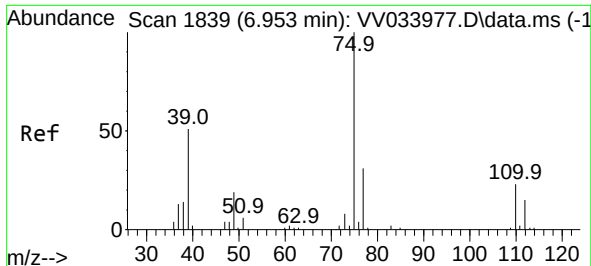
Tgt Ion: 63 Resp: 30169
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.0



#38
Bromodichloromethane
Concen: 4.930 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion: 83 Resp: 40374
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2
127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.807 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

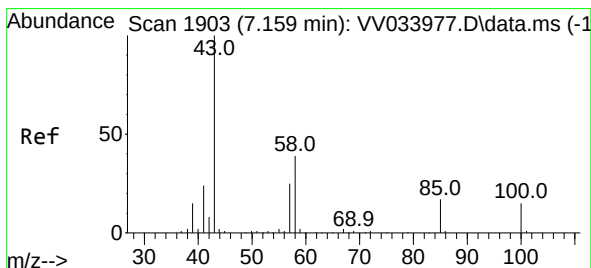
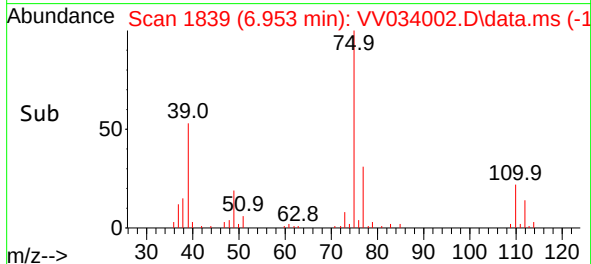
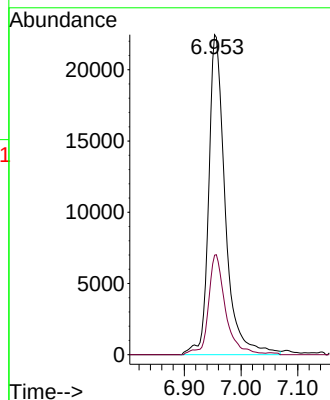
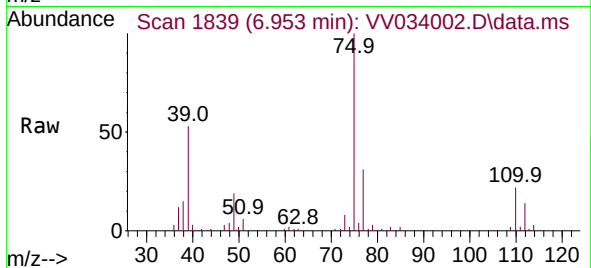
ClientSampleId :

Tgt Ion: 75 Resp: 45630

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 44.737 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

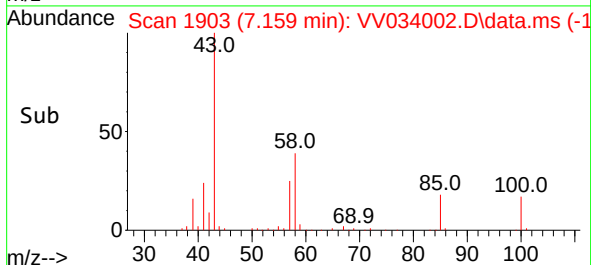
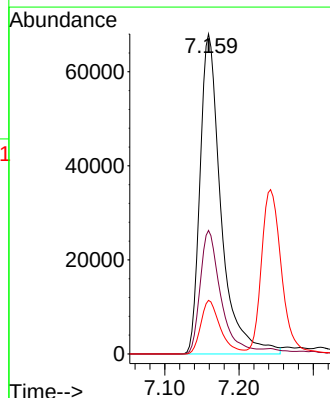
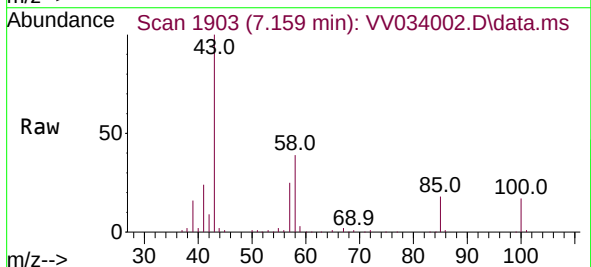
Tgt Ion: 43 Resp: 133658

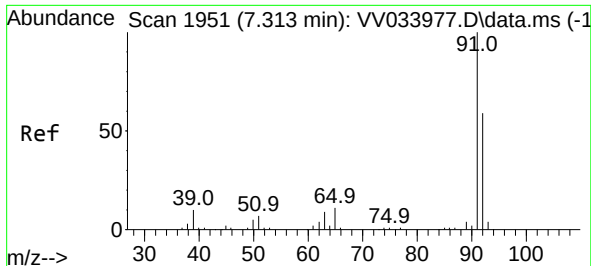
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 15.6 12.1 18.1





#42

Toluene

Concen: 5.053 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

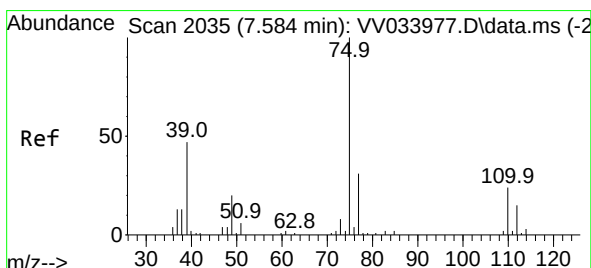
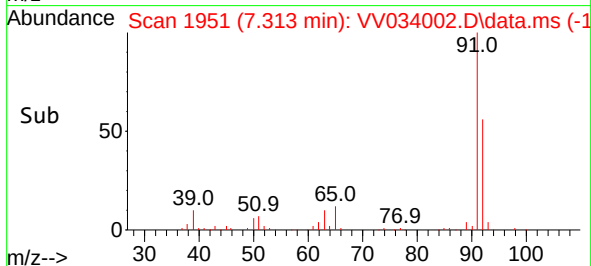
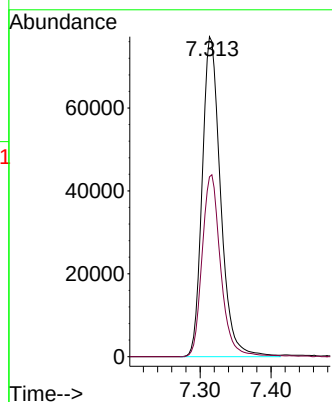
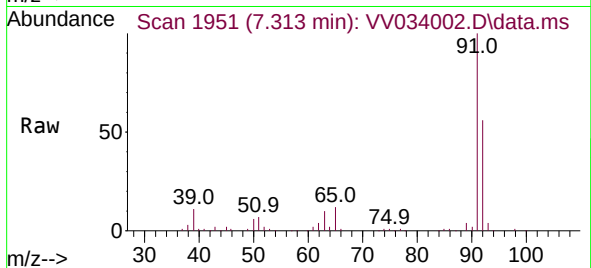
ClientSampleId :

Tgt Ion: 91 Resp: 139110

Ion Ratio Lower Upper

91 100

92 56.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.785 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034002.D

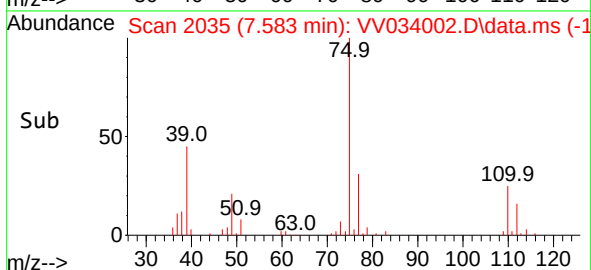
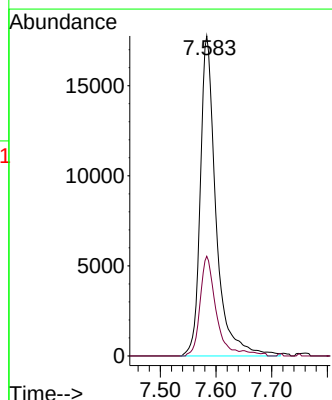
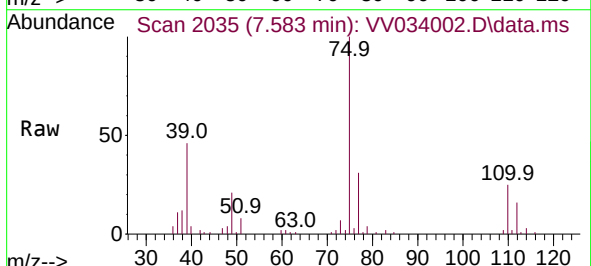
Acq: 06 Feb 2024 09:28

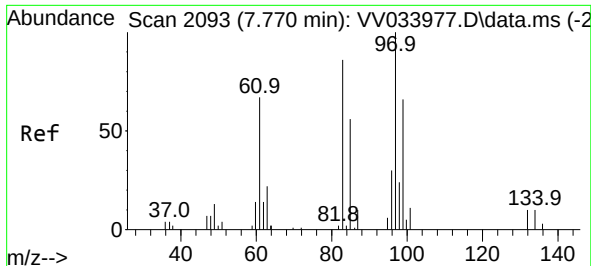
Tgt Ion: 75 Resp: 34877

Ion Ratio Lower Upper

75 100

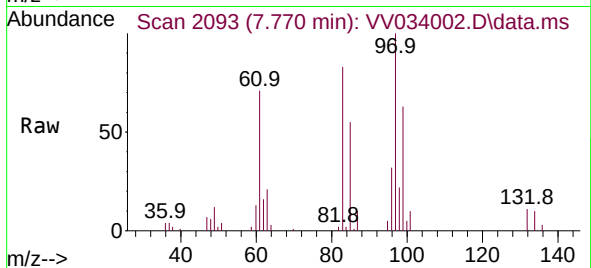
77 31.1 22.2 41.2



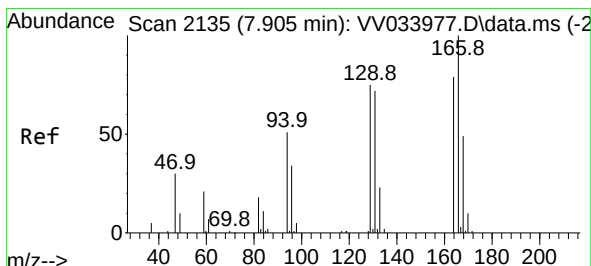
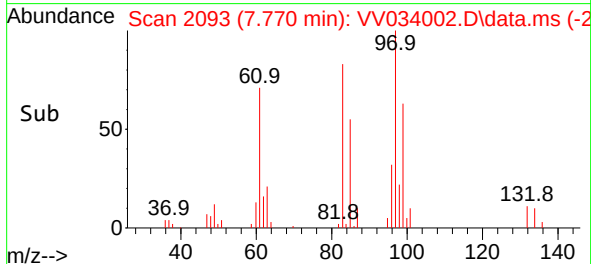
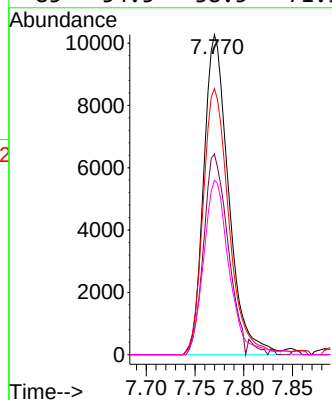


#45
1,1,2-Trichloroethane
Concen: 4.743 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Instrument :
MSVOA_V
ClientSampleId :

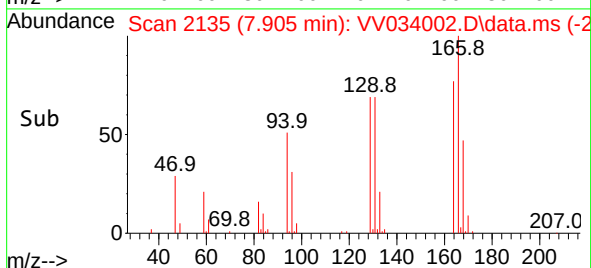
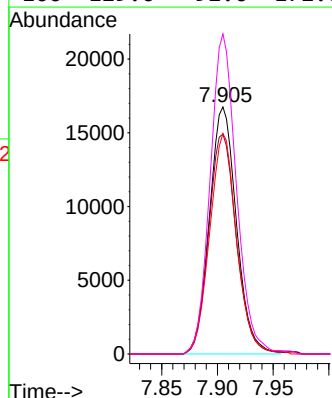
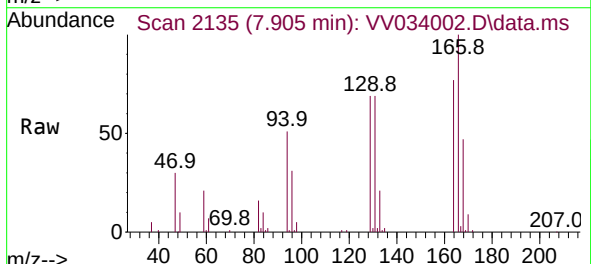


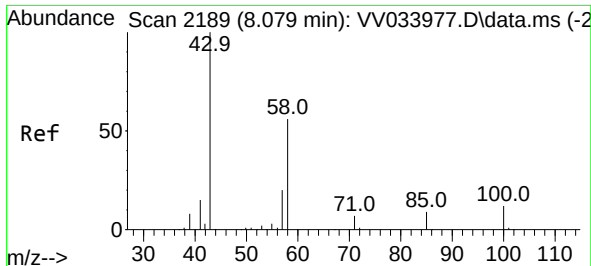
Tgt Ion:	97	Resp:	18274
Ion	Ratio	Lower	Upper
97	100		
99	62.7	45.6	84.6
83	83.2	62.3	115.7
85	54.5	38.5	71.5



#47
Tetrachloroethene
Concen: 4.656 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:	164	Resp:	28203
Ion	Ratio	Lower	Upper
164	100		
129	89.0	67.8	125.8
131	89.2	63.0	117.0
166	129.6	92.6	172.0

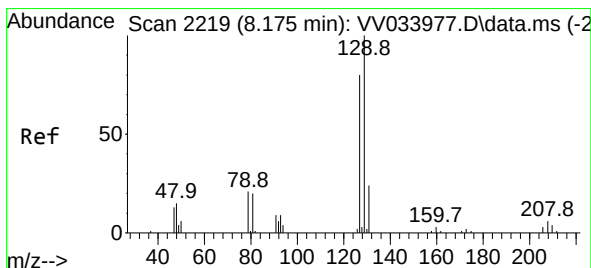
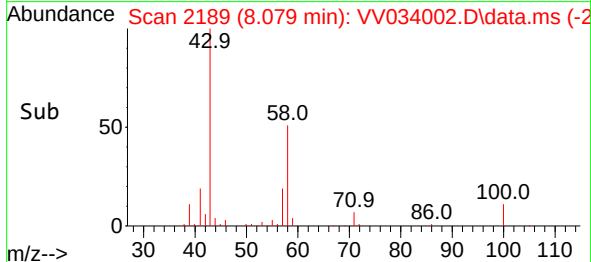
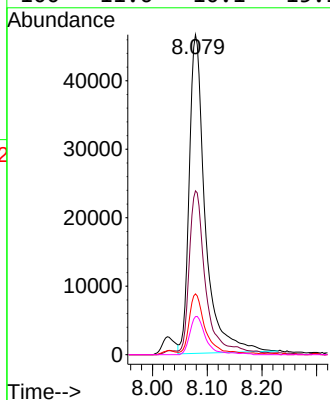
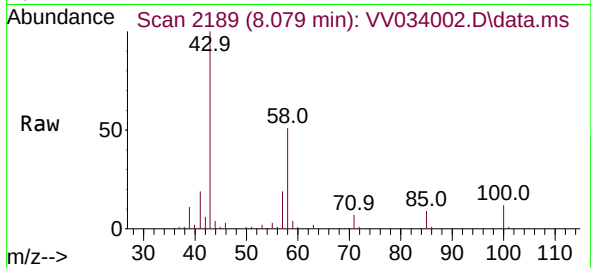




#48
2-Hexanone
Concen: 44.829 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

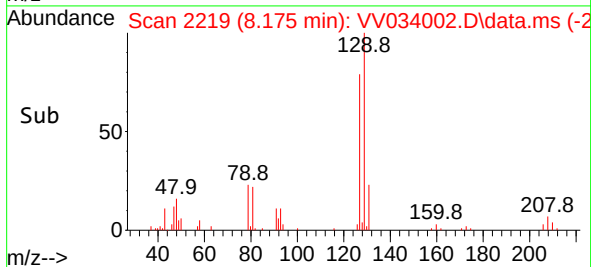
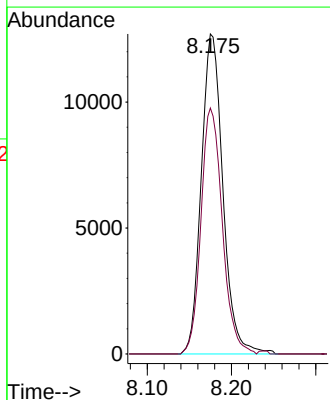
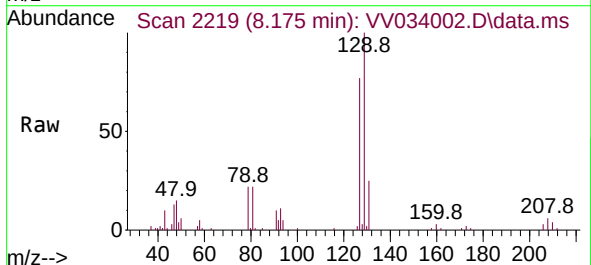
Instrument :
MSVOA_V
ClientSampleId :

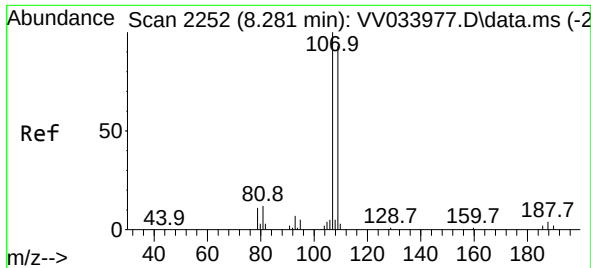
Tgt Ion:	43	Resp:	94408
Ion	Ratio	Lower	Upper
43	100		
58	51.7	42.6	64.0
57	18.5	15.5	23.3
100	11.6	10.1	15.1



#49
Dibromochloromethane
Concen: 4.965 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:	129	Resp:	22731
Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.5	99.5

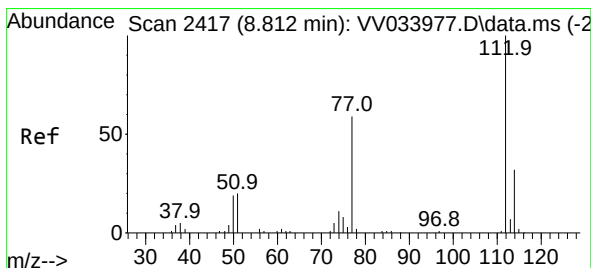
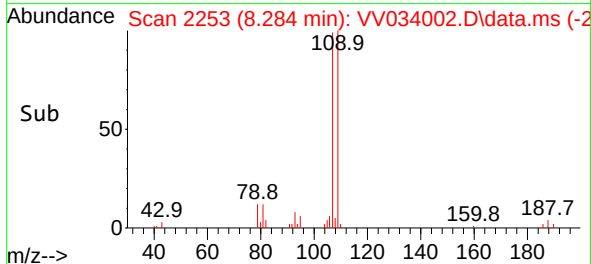
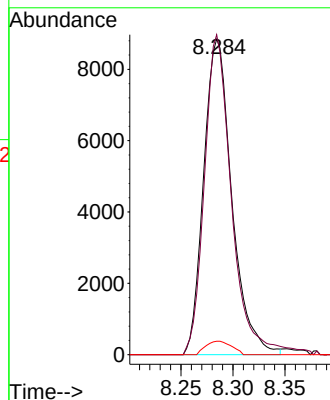
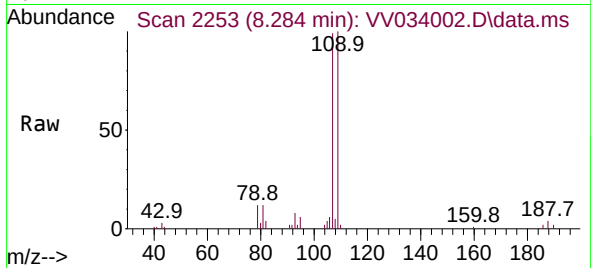




#50
1,2-Dibromoethane
Concen: 4.823 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

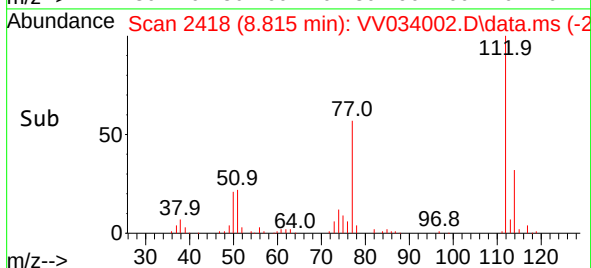
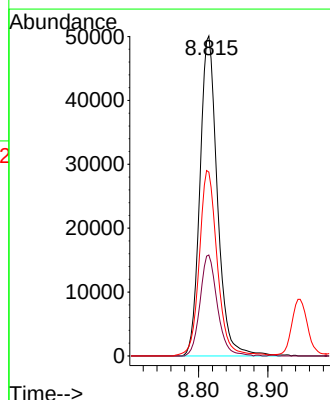
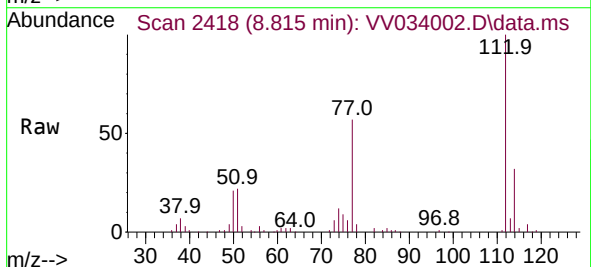
Instrument :
MSVOA_V
ClientSampleId :

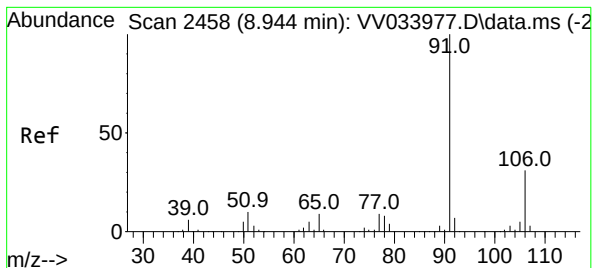
Tgt Ion:107 Resp: 16676
Ion Ratio Lower Upper
107 100
109 101.4 64.5 119.9
188 4.3 2.6 4.0#



#51
Chlorobenzene
Concen: 5.038 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:112 Resp: 87691
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 57.5 48.1 72.1





#52

Ethylbenzene

Concen: 5.065 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

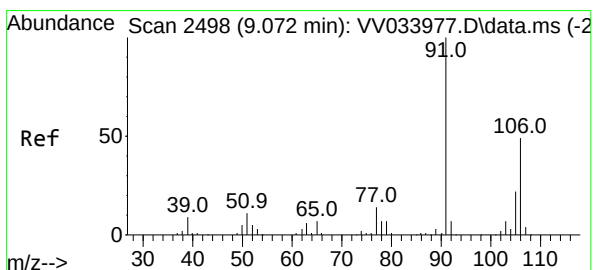
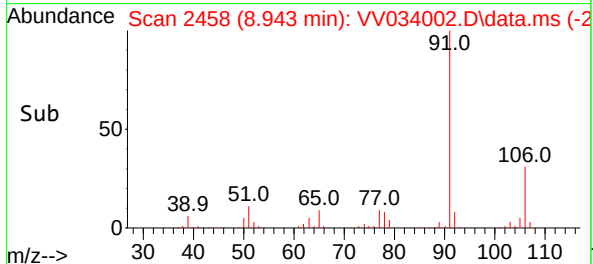
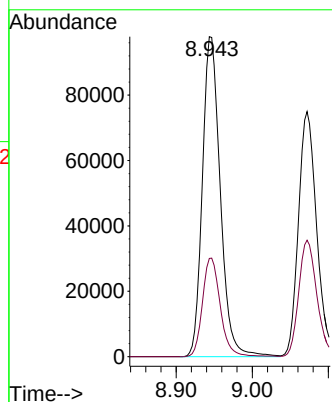
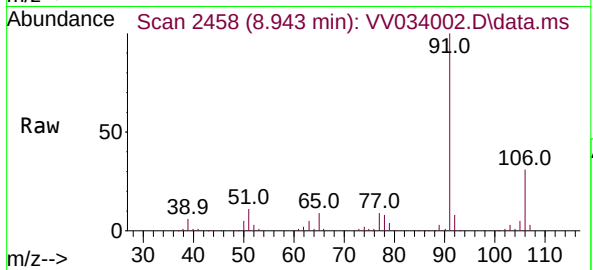
ClientSampleId :

Tgt Ion: 91 Resp: 160490

Ion Ratio Lower Upper

91 100

106 30.7 21.4 39.8



#53

m,p-Xylene

Concen: 5.032 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034002.D

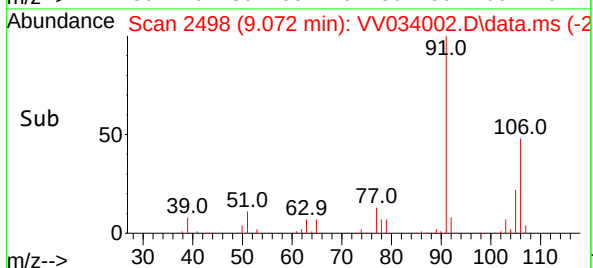
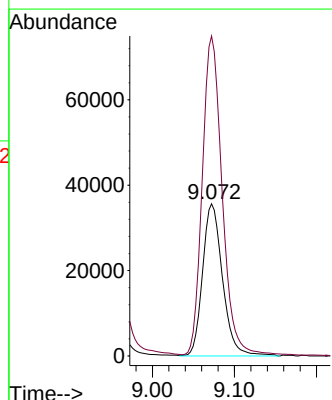
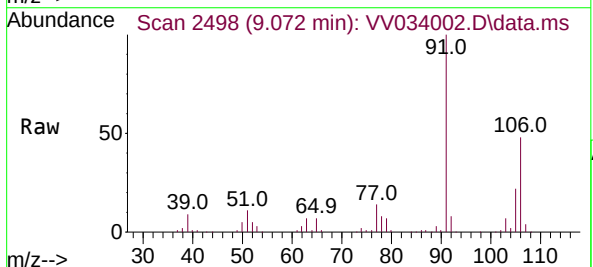
Acq: 06 Feb 2024 09:28

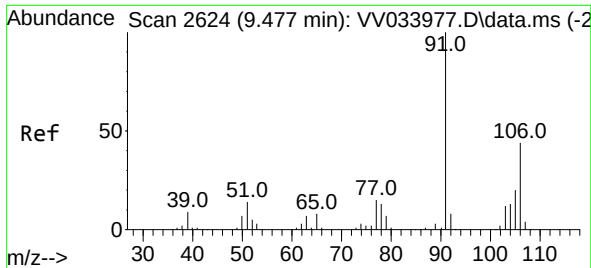
Tgt Ion:106 Resp: 60248

Ion Ratio Lower Upper

106 100

91 210.4 147.5 273.9

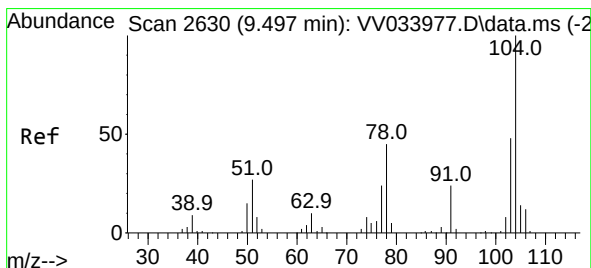
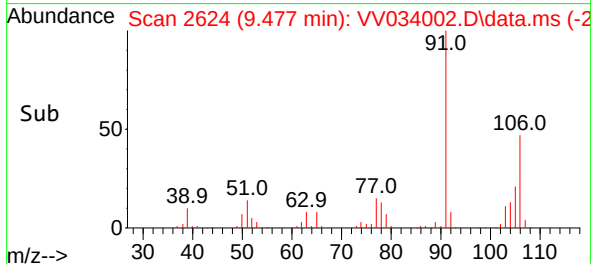
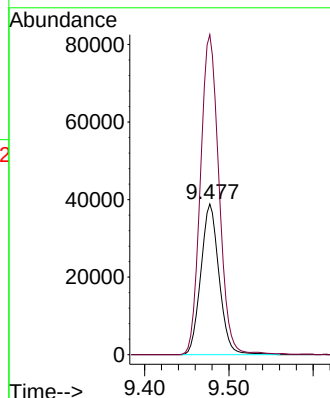
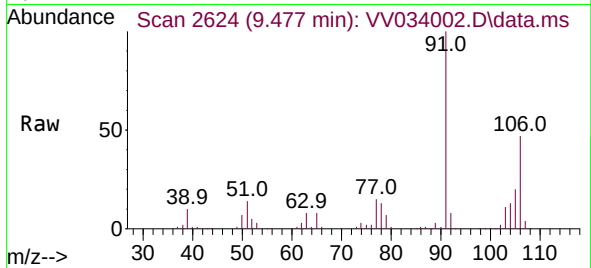




#54
o-Xylene
Concen: 5.078 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

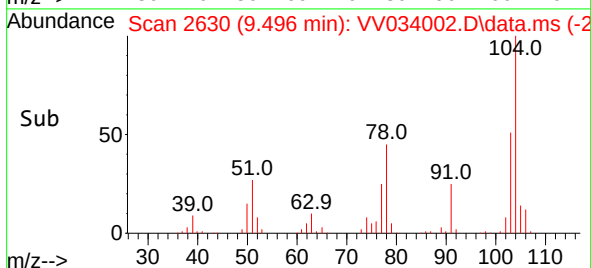
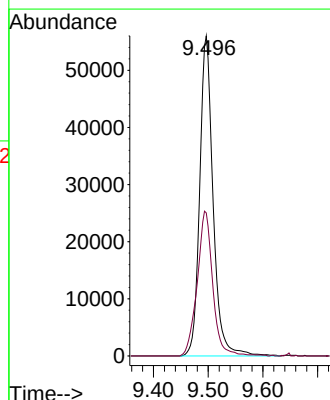
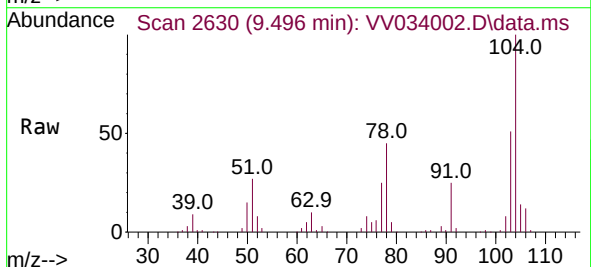
Instrument :
MSVOA_V
ClientSampleId :

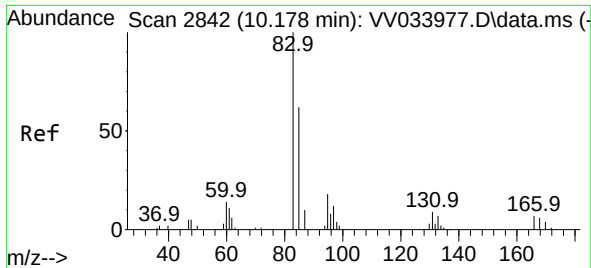
Tgt Ion:106 Resp: 58633
Ion Ratio Lower Upper
106 100
91 212.2 156.2 290.0



#55
Styrene
Concen: 5.156 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:104 Resp: 95313
Ion Ratio Lower Upper
104 100
78 44.7 32.9 61.1

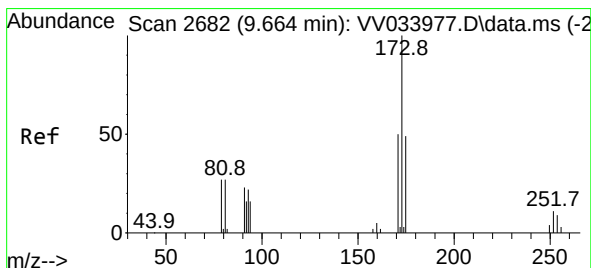
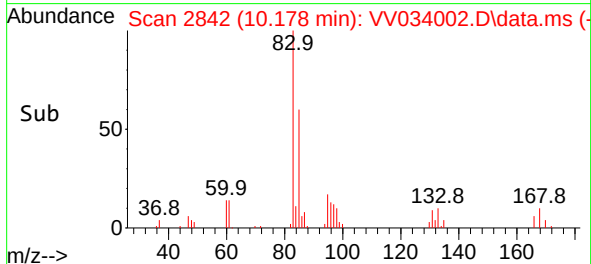
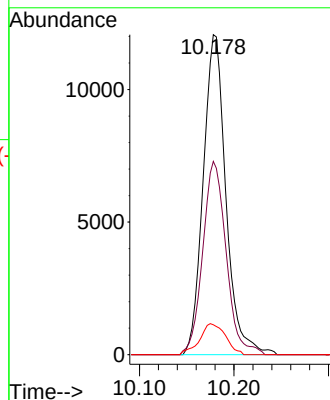
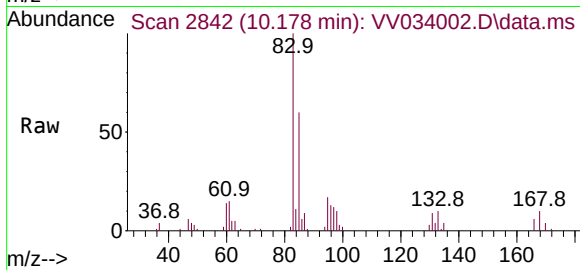




#57
1,1,2,2-Tetrachloroethane
Concen: 4.962 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

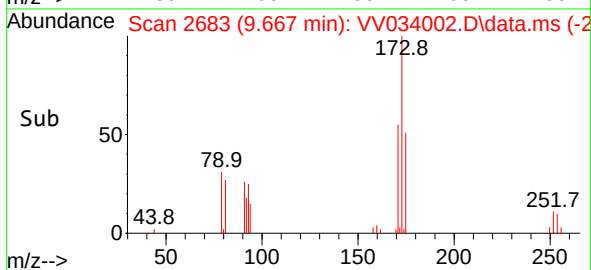
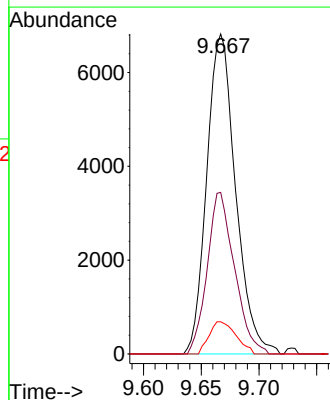
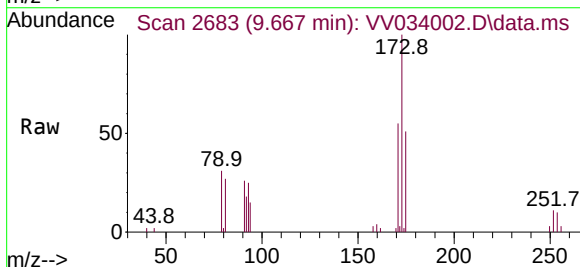
Instrument :
MSVOA_V
ClientSampleId :

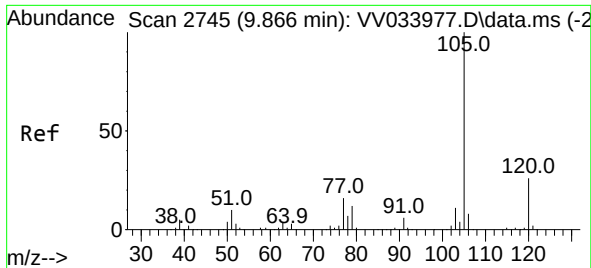
Tgt Ion:	83	Resp:	20174
Ion	Ratio	Lower	Upper
83	100		
85	60.4	46.5	86.3
131	9.3	8.4	12.6



#59
Bromoform
Concen: 5.036 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:	173	Resp:	11848
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	9.4	7.2	10.8

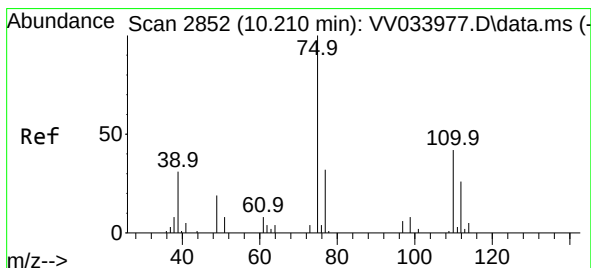
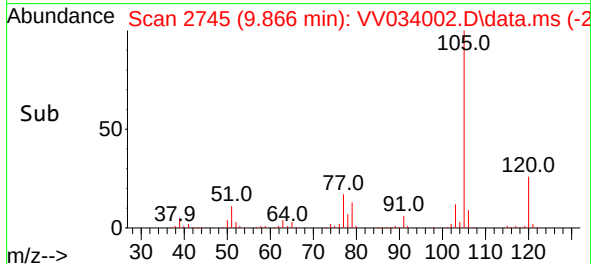
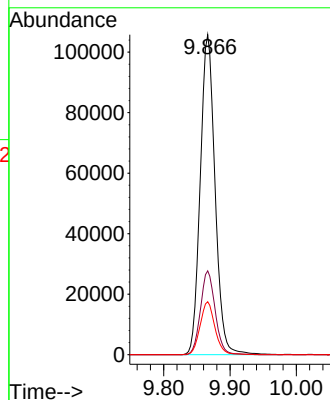
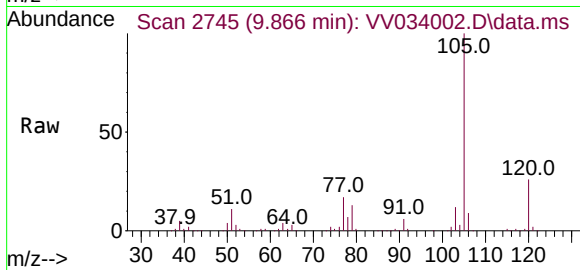




#60
Isopropylbenzene
Concen: 5.181 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

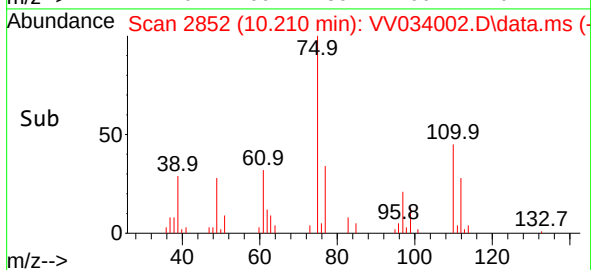
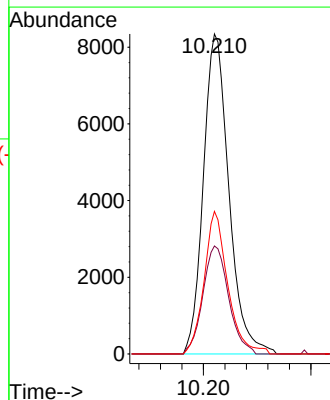
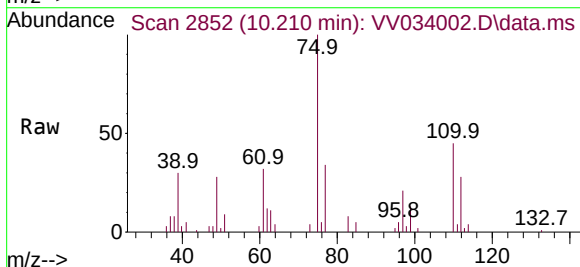
Instrument :
MSVOA_V
ClientSampleId :

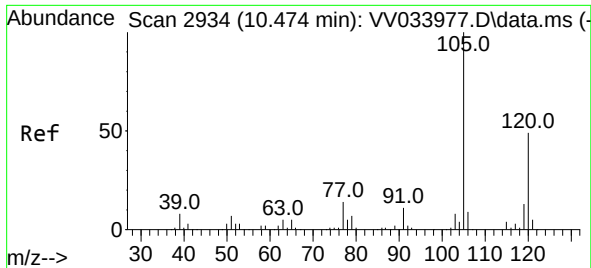
Tgt Ion:105 Resp: 163738
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.682 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion: 75 Resp: 13748
Ion Ratio Lower Upper
75 100
77 34.0 26.9 40.3
110 41.2 33.3 49.9

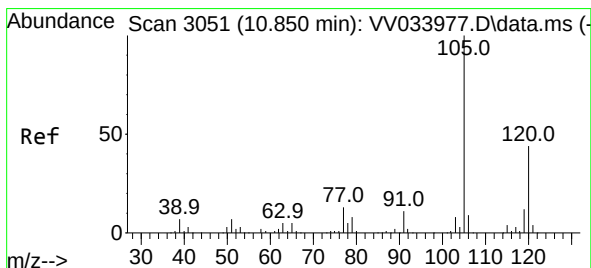
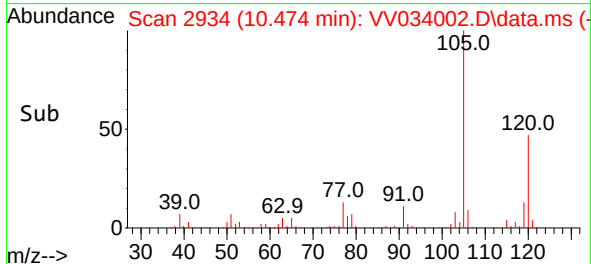
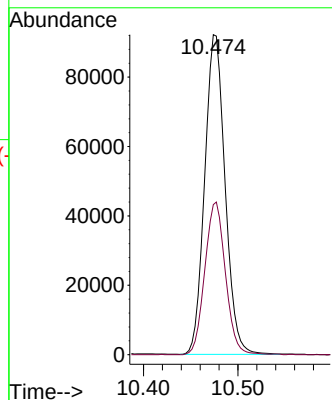
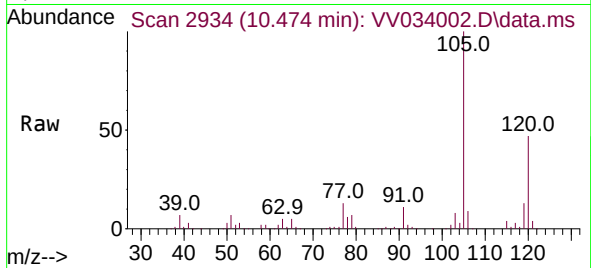




#62
1,3,5-Trimethylbenzene
Concen: 5.175 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

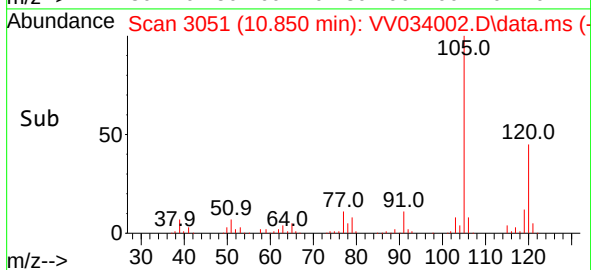
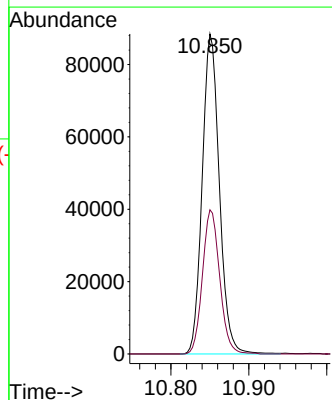
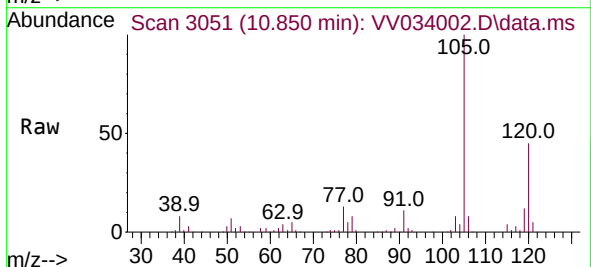
Instrument :
MSVOA_V
ClientSampleId :

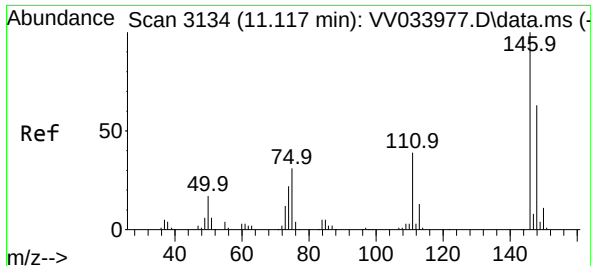
Tgt Ion:105 Resp: 138248
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.211 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

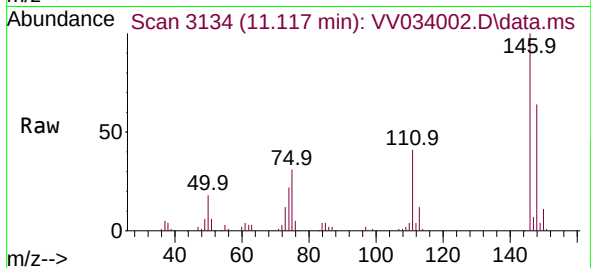
Tgt Ion:105 Resp: 135268
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2



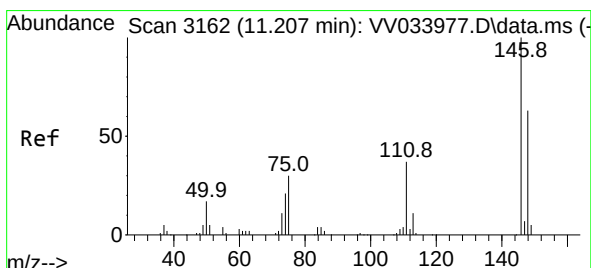
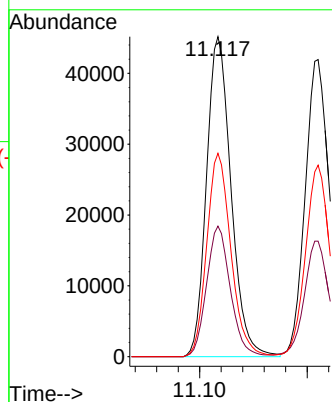
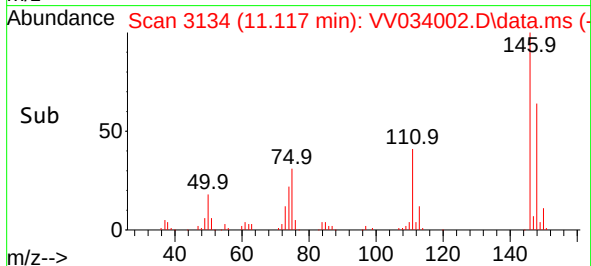


#64
1,3-Dichlorobenzene
Concen: 5.197 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

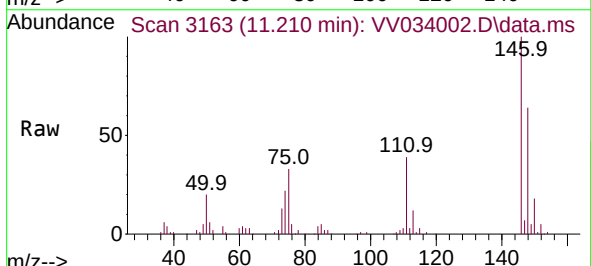
Instrument :
MSVOA_V
ClientSampleId :



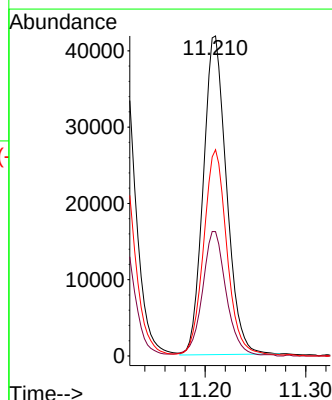
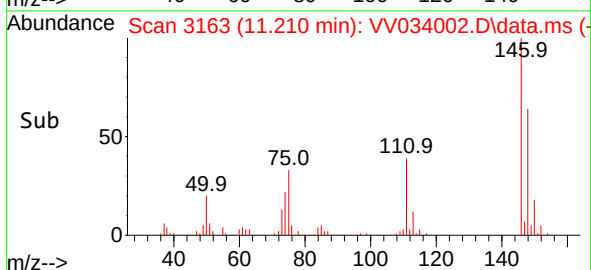
Tgt Ion:146 Resp: 71611
Ion Ratio Lower Upper
146 100
111 40.8 28.5 52.9
148 63.6 44.4 82.4

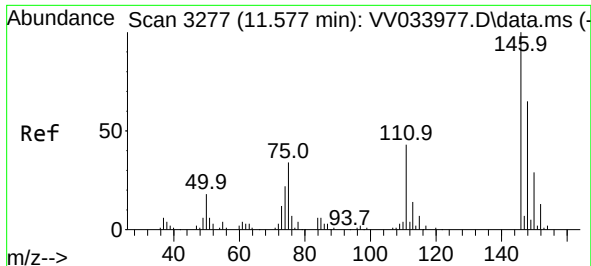


#65
1,4-Dichlorobenzene
Concen: 4.916 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28



Tgt Ion:146 Resp: 67079
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.4
148 64.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.111 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

Instrument :

MSVOA_V

ClientSampleId :

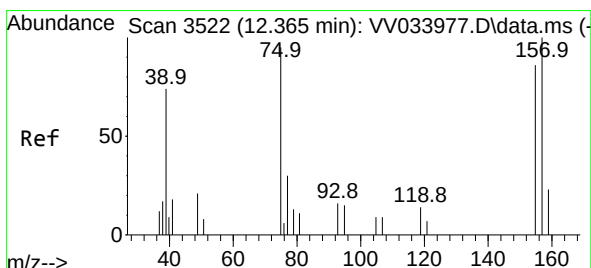
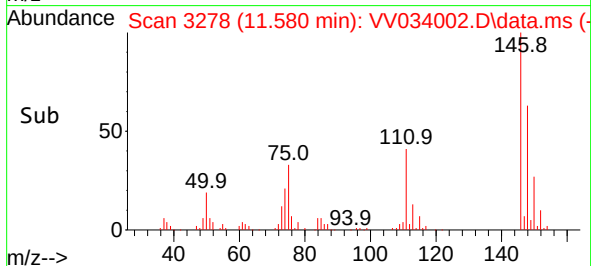
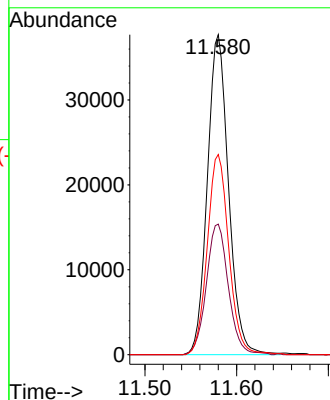
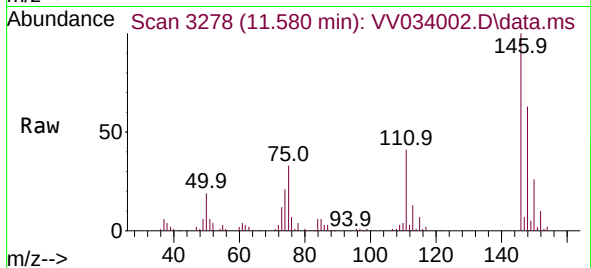
Tgt Ion:146 Resp: 60481

Ion Ratio Lower Upper

146 100

111 40.8 31.2 46.8

148 62.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.619 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034002.D

Acq: 06 Feb 2024 09:28

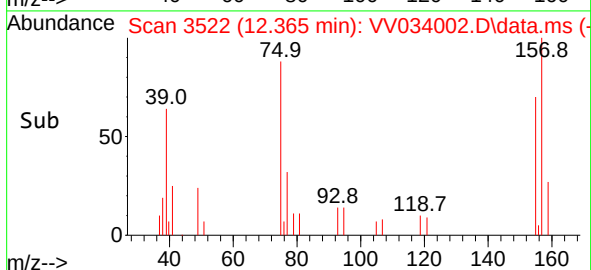
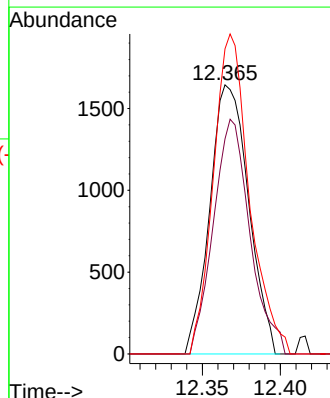
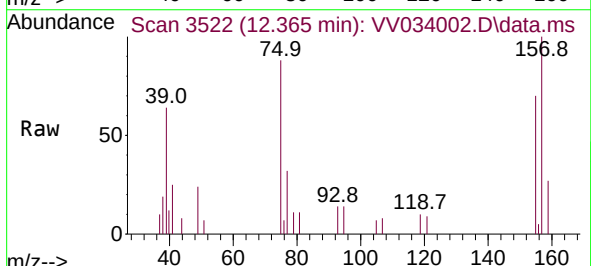
Tgt Ion: 75 Resp: 2842

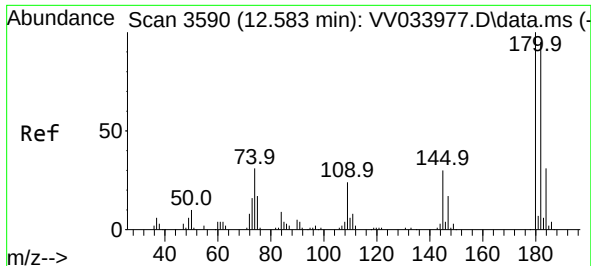
Ion Ratio Lower Upper

75 100

155 79.9 68.9 103.3

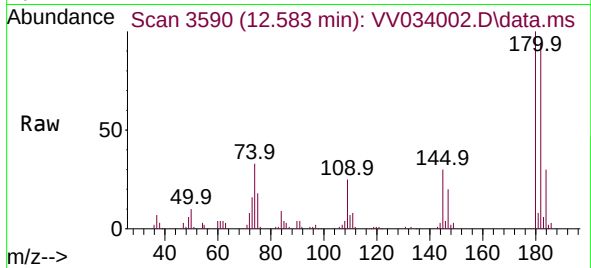
157 113.4 84.6 127.0



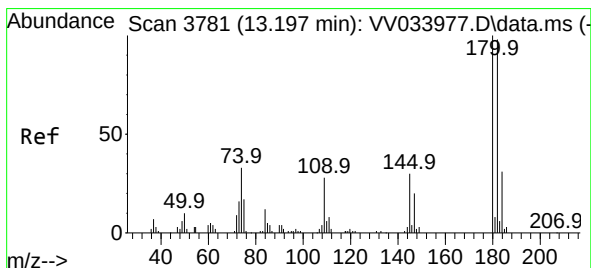
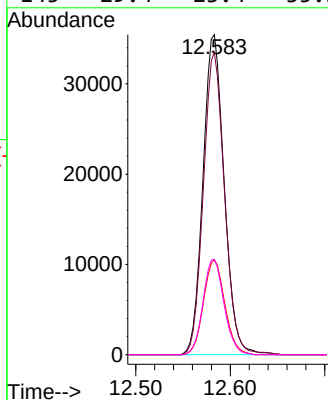
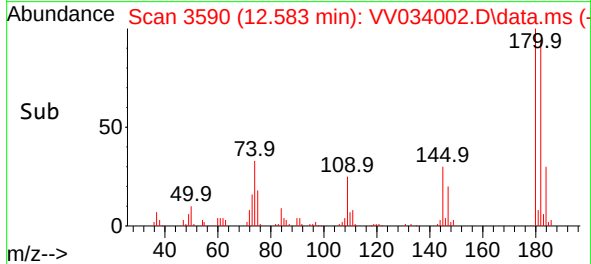


#69
1,3,5-Trichlorobenzene
Concen: 5.188 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

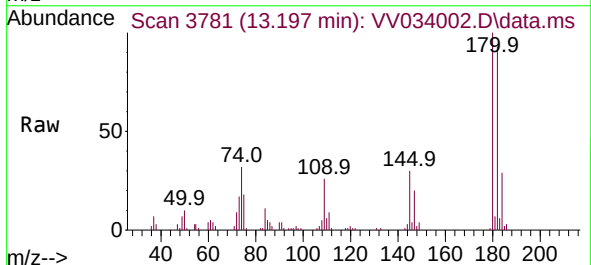
Instrument :
MSVOA_V
ClientSampleId :



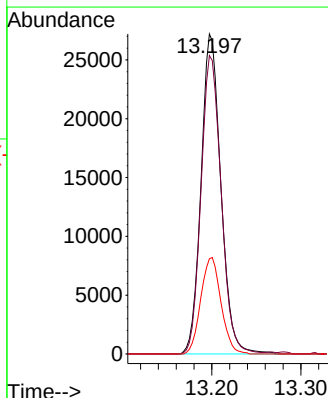
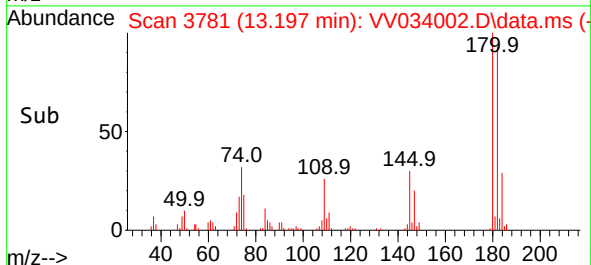
Tgt Ion:180 Resp: 55321
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.4
184 29.6 23.8 35.6
145 29.4 23.4 35.2

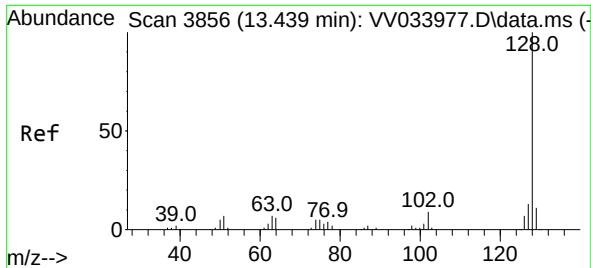


#70
1,2,4-trichlorobenzene
Concen: 5.047 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28



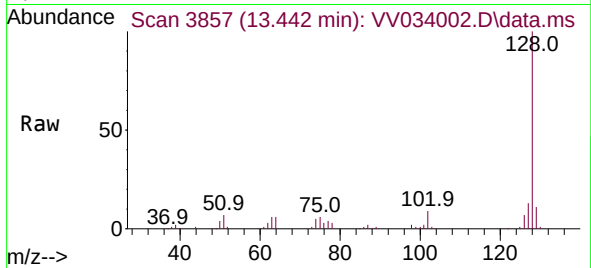
Tgt Ion:180 Resp: 42010
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 30.8 24.8 37.2



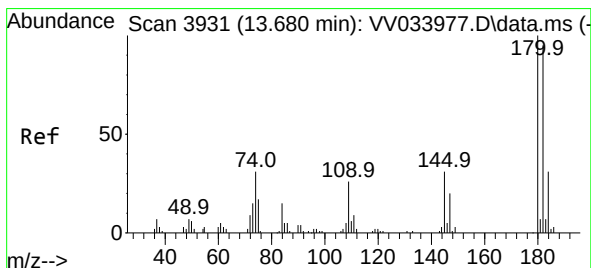
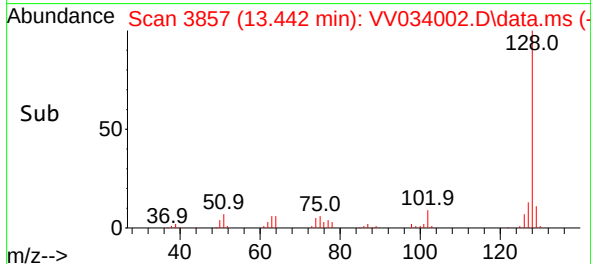
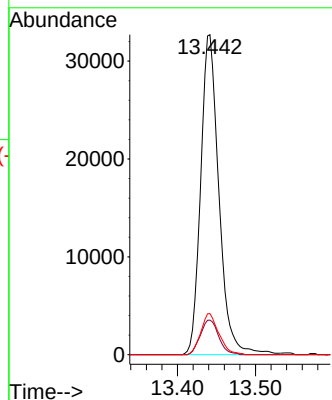


#71
Naphthalene
Concen: 4.873 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 53151
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.015 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034002.D
Acq: 06 Feb 2024 09:28

Tgt Ion:180 Resp: 33448
Ion Ratio Lower Upper
180 100
182 94.7 75.0 112.6
145 32.3 25.2 37.8

