

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034045.D
 Acq On : 08 Feb 2024 08:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:33:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	88002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32819	4.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.535	69	27153	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.060	65	15414	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.822	46	45767	39.983	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.960%
24) Chloroform-d	4.252	84	55845	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.947	65	25654	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	4.960	84	105103	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.989	67	28427	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.243	98	98697	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.555	79	11336	4.461	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.027	63	34887	38.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16202	3.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	32155	4.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	39332	4.877	ug/L	100
3) Chloromethane	1.217	50	40637	4.620	ug/L	98
5) Vinyl chloride	1.285	62	39398	4.687	ug/L	89
6) Bromomethane	1.490	94	21922	4.952	ug/L	99
8) Chloroethane	1.552	64	25969	4.529	ug/L	98
9) Trichlorofluoromethane	1.716	101	63827	5.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32642	5.155	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30587	4.975	ug/L	94
13) Acetone	2.391	43	7075	8.147	ug/L	93
14) Carbon disulfide	2.243	76	87405	4.394	ug/L	98
15) Methyl Acetate	2.391	43	8515	4.143	ug/L	99
16) Methylene chloride	2.449	84	27810	4.715	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	60854	4.818	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28836	4.605	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57068	4.960	ug/L	98
21) 2-Butanone	3.902	43	52684	45.910	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	31017	4.366	ug/L	89
23) Bromochloromethane	4.153	128	12274	4.970	ug/L	90
25) Chloroform	4.278	83	57923	4.980	ug/L	100

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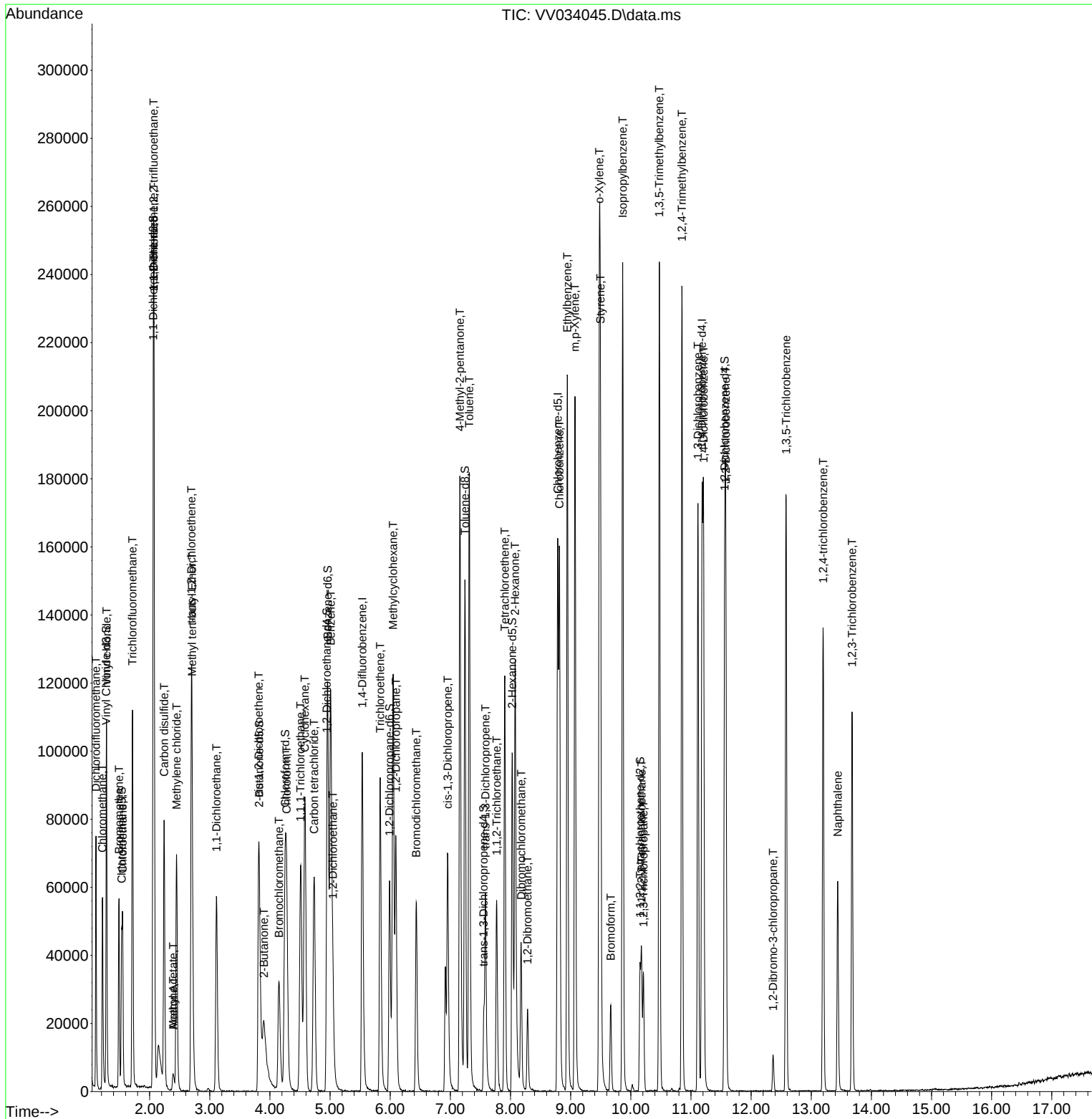
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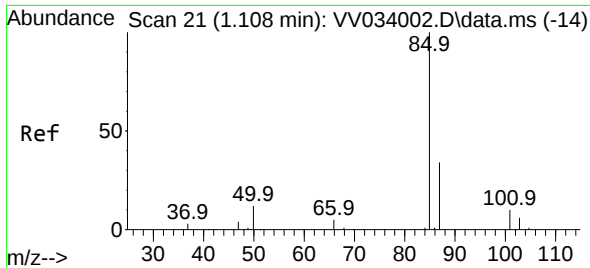
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	33375	5.011	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	55906	5.190	ug/L	99
30) Cyclohexane	4.580	56	49141	4.691	ug/L	97
31) Carbon tetrachloride	4.735	117	49204	5.220	ug/L	100
33) Benzene	5.011	78	117204	4.870	ug/L	100
34) Trichloroethene	5.834	95	31888	4.578	ug/L	96
35) Methylcyclohexane	6.050	83	52048	4.761	ug/L	97
37) 1,2-Dichloropropane	6.095	63	27778	4.765	ug/L	100
38) Bromodichloromethane	6.432	83	37909	4.954	ug/L #	98
39) cis-1,3-Dichloropropene	6.956	75	40857	4.606	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	127693	45.743	ug/L	99
42) Toluene	7.313	91	131038	5.095	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	34194	5.021	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16557	4.600	ug/L	96
47) Tetrachloroethene	7.905	164	26504	4.683	ug/L	96
48) 2-Hexanone	8.079	43	88694	45.074	ug/L	99
49) Dibromochloromethane	8.178	129	21130	4.940	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15994	4.950	ug/L #	97
51) Chlorobenzene	8.815	112	81149	4.990	ug/L	98
52) Ethylbenzene	8.947	91	148738	5.024	ug/L	100
53) m,p-Xylene	9.072	106	55901	4.997	ug/L	97
54) o-Xylene	9.477	106	53038	4.916	ug/L	99
55) Styrene	9.497	104	88536	5.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18491	4.867	ug/L	100
59) Bromoform	9.667	173	10960	4.825	ug/L	99
60) Isopropylbenzene	9.866	105	151994	4.981	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12901	4.551	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	127156	4.929	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	122920	4.904	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66332	4.986	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	64085	4.865	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	56316	4.929	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2850	4.797	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	52617	5.110	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	40223	5.004	ug/L	98
71) Naphthalene	13.442	128	48836	4.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31787	4.936	ug/L	99

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

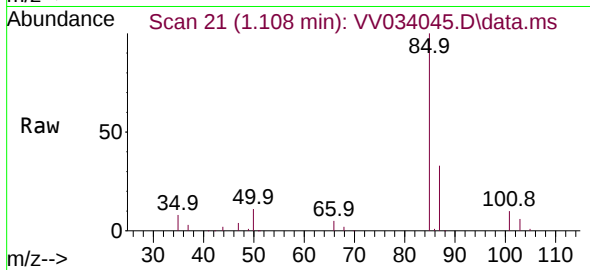
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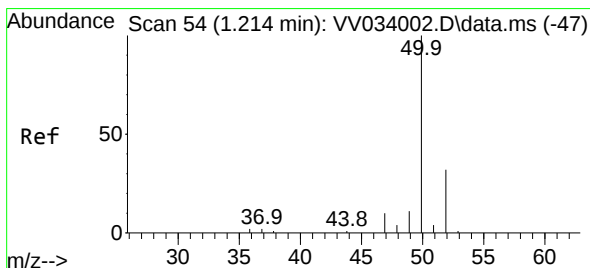
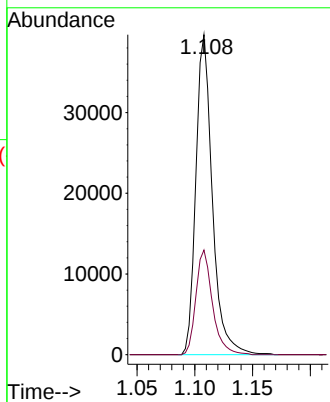
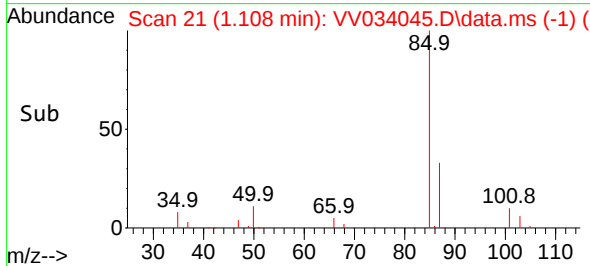


#2
 Dichlorodifluoromethane
 Concen: 4.877 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034045.D
 Acq: 08 Feb 2024 08:58

Instrument :
 MSVOA_V
 ClientSampleId :

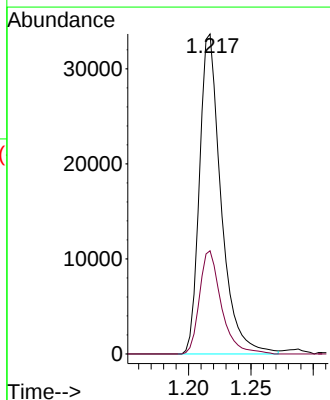
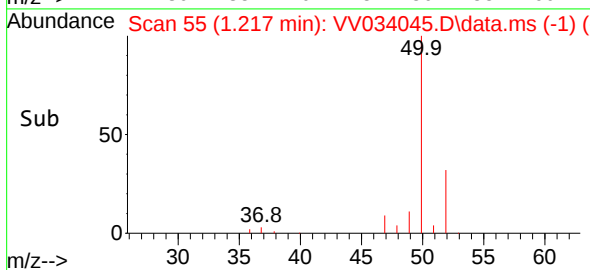
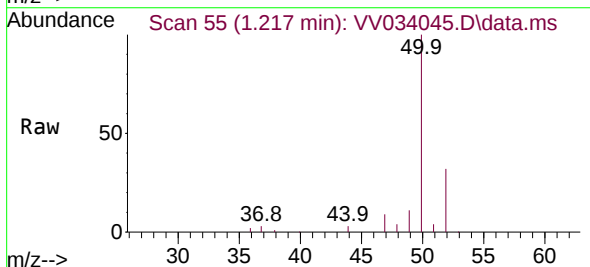


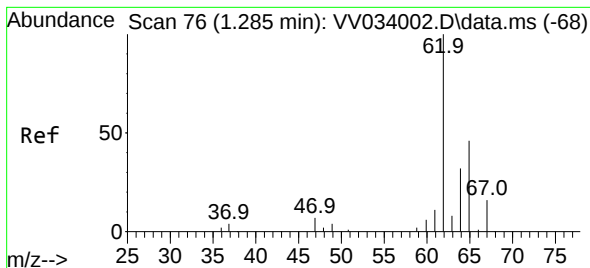
Tgt Ion: 85 Resp: 39332
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.620 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034045.D
 Acq: 08 Feb 2024 08:58

Tgt Ion: 50 Resp: 40637
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4





#5

Vinyl chloride

Concen: 4.687 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

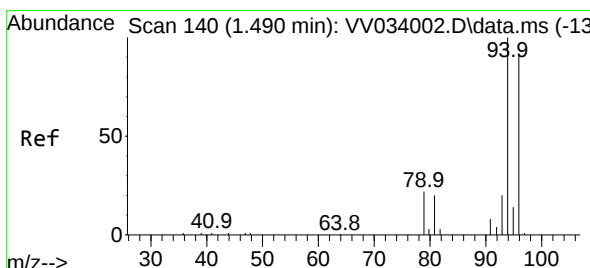
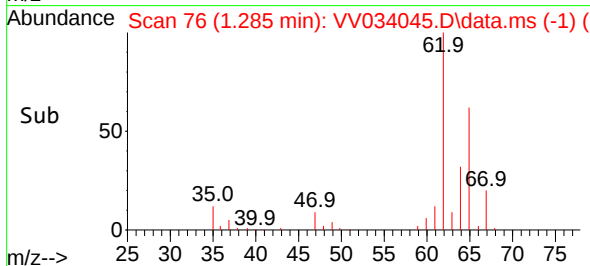
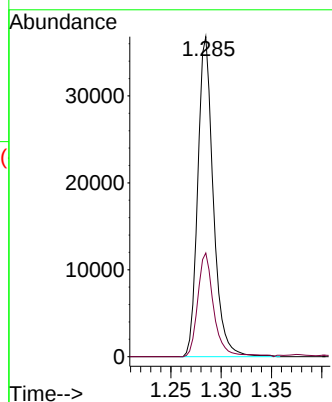
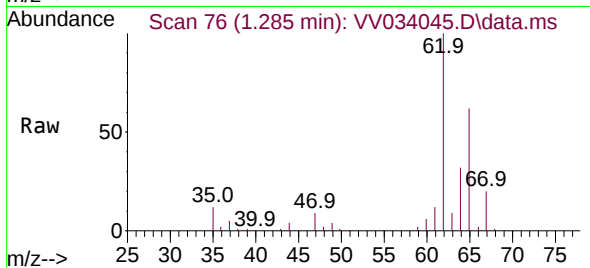
ClientSampleId :

Tgt Ion: 62 Resp: 39398

Ion Ratio Lower Upper

62 100

64 32.4 27.2 50.4



#6

Bromomethane

Concen: 4.952 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034045.D

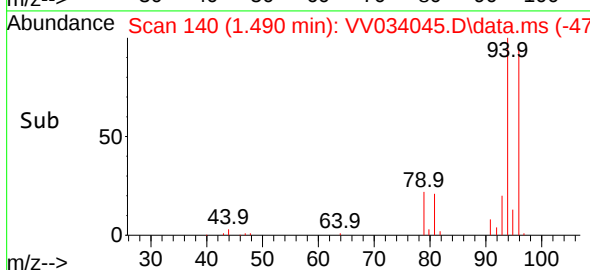
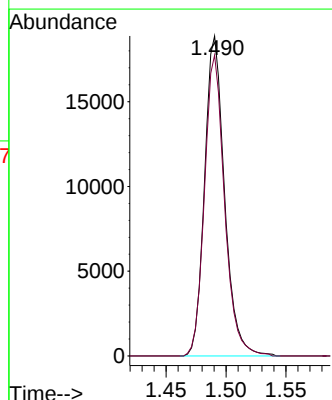
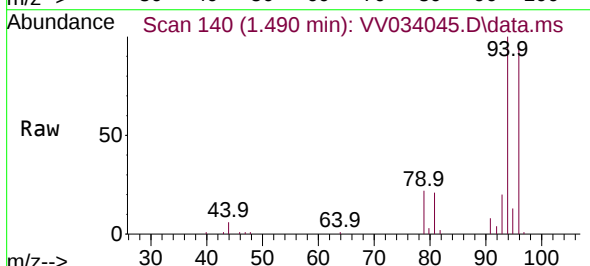
Acq: 08 Feb 2024 08:58

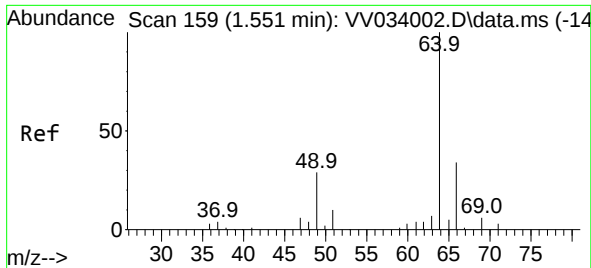
Tgt Ion: 94 Resp: 21922

Ion Ratio Lower Upper

94 100

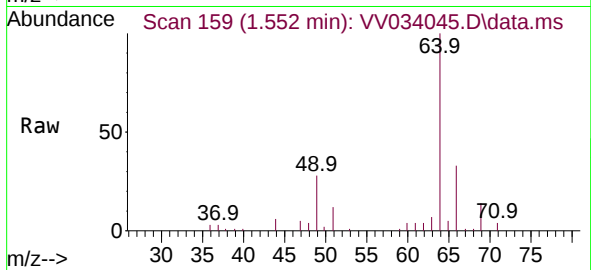
96 94.0 66.6 123.8



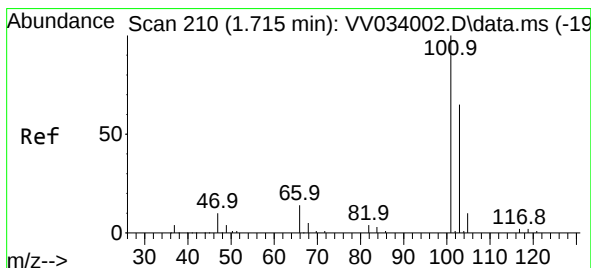
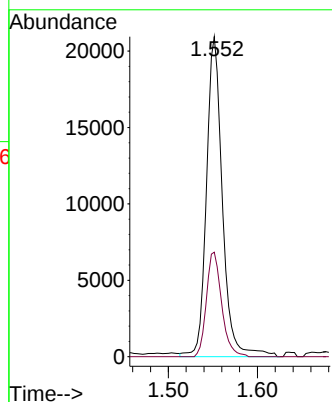
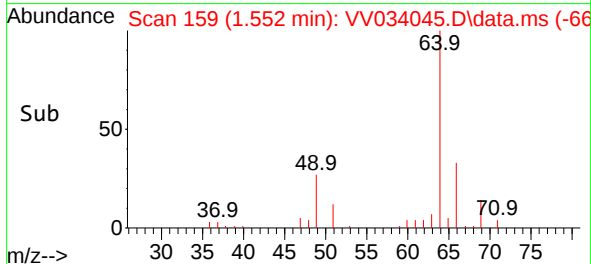


#8
Chloroethane
Concen: 4.529 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

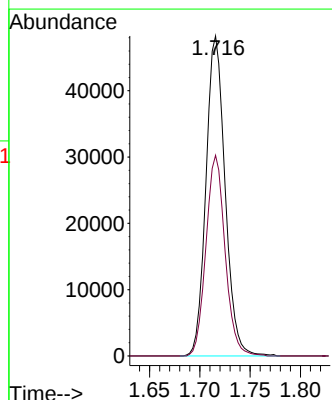
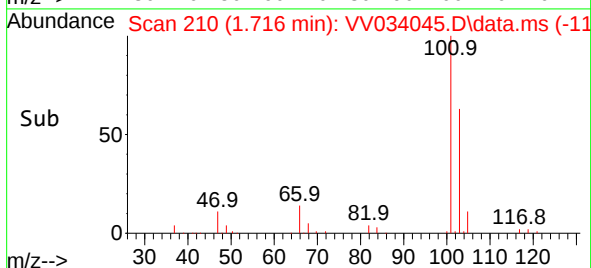
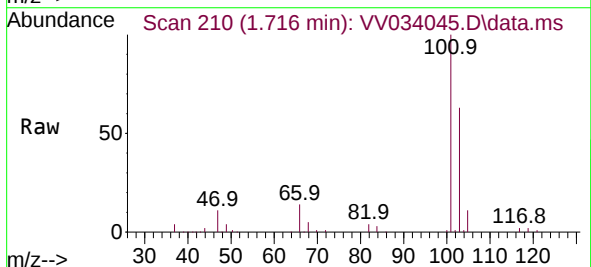


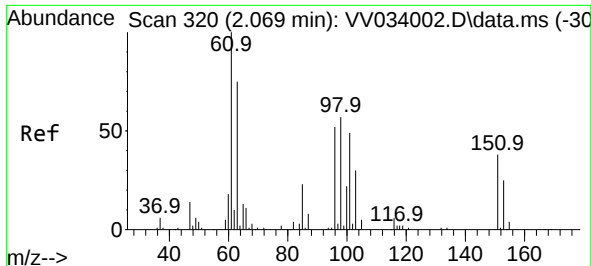
Tgt Ion: 64 Resp: 25969
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.269 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 101 Resp: 63827
Ion Ratio Lower Upper
101 100
103 62.7 51.0 76.4





#10

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

Concen: 5.155 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

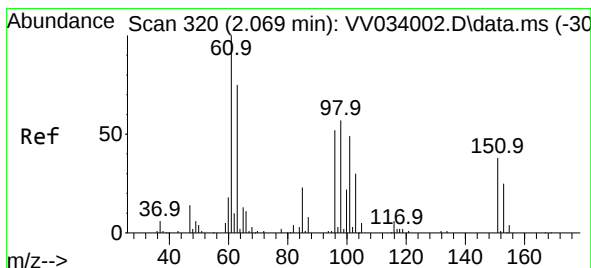
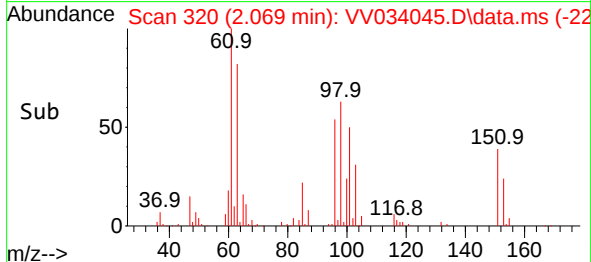
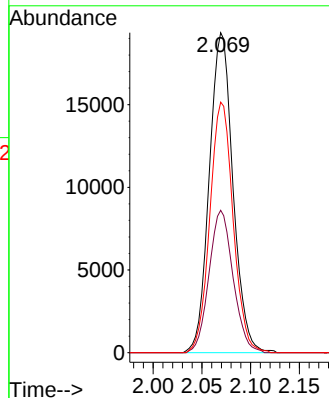
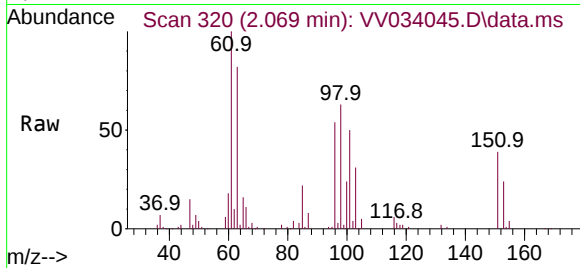
Tgt Ion:101 Resp: 32642

Ion Ratio Lower Upper

101 100

85 45.2 37.1 55.7

151 77.1 61.7 92.5



#12

1,1-Dichloroethene

Concen: 4.975 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

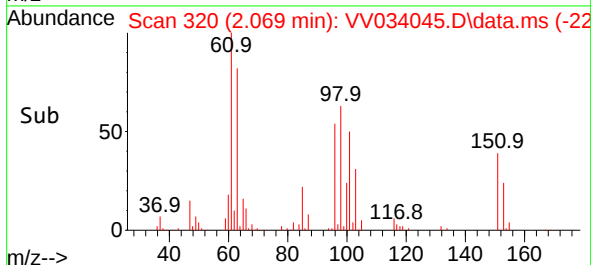
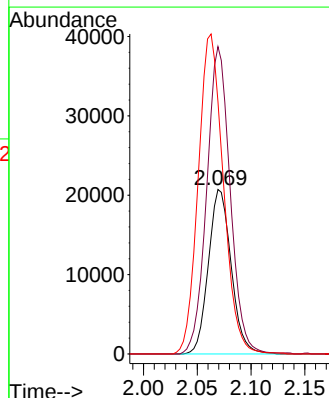
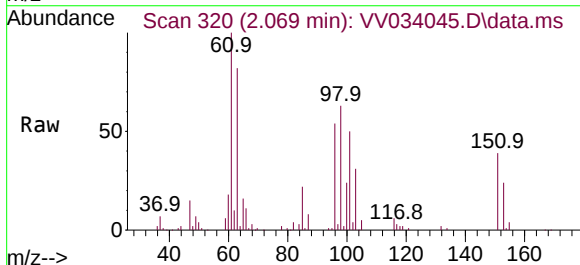
Tgt Ion: 96 Resp: 30587

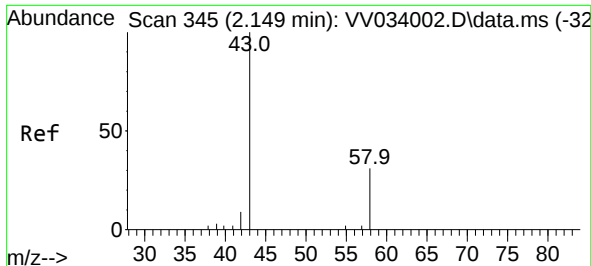
Ion Ratio Lower Upper

96 100

61 186.9 128.8 239.2

63 153.4 97.9 181.9





#13

Acetone

Concen: 8.147 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.254 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

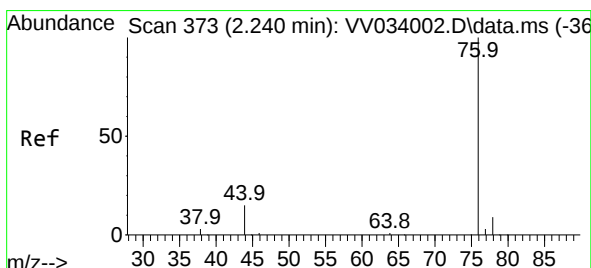
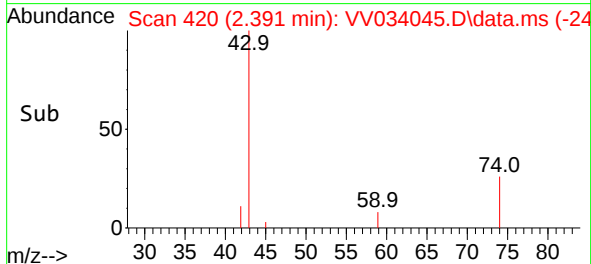
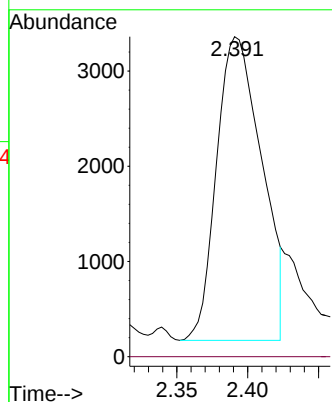
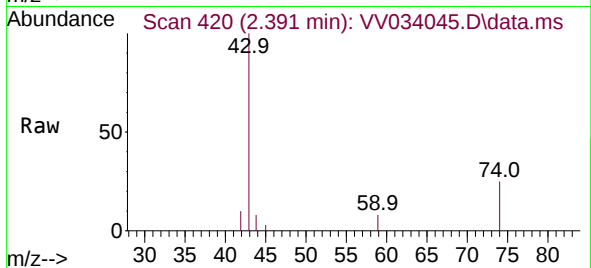
ClientSampleId :

Tgt Ion: 43 Resp: 7075

Ion Ratio Lower Upper

43 100

58 4.6 0.0 13.8



#14

Carbon disulfide

Concen: 4.394 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034045.D

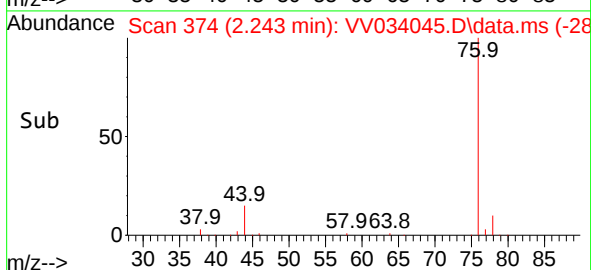
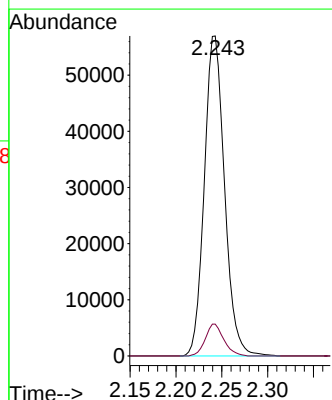
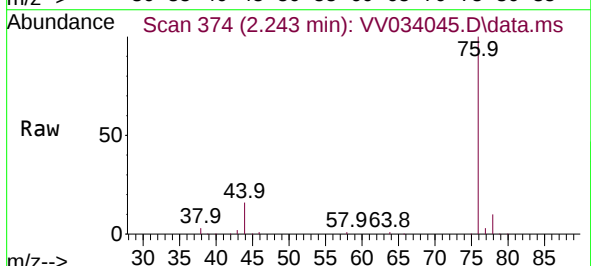
Acq: 08 Feb 2024 08:58

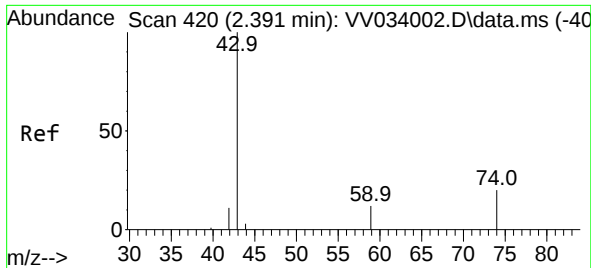
Tgt Ion: 76 Resp: 87405

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3

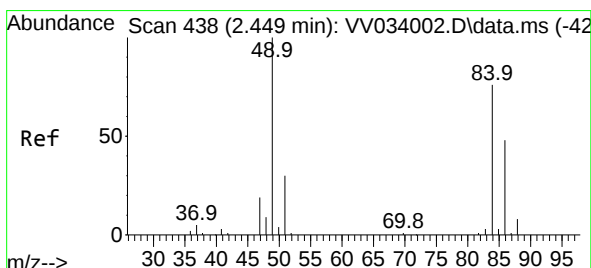
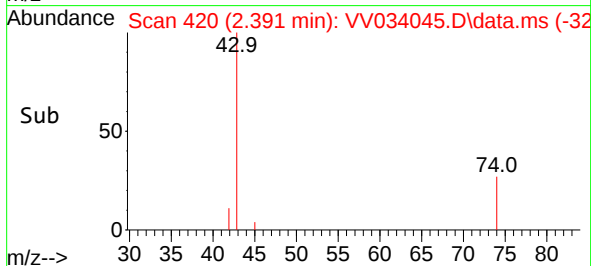
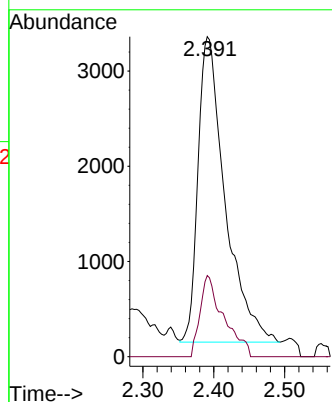
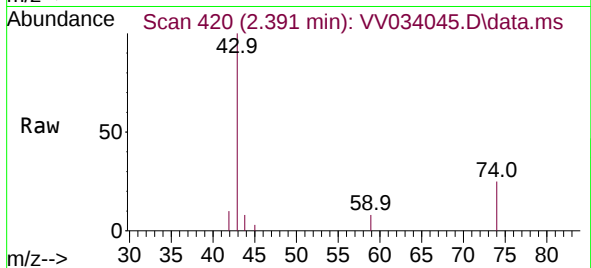




#15
Methyl Acetate
Concen: 4.143 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

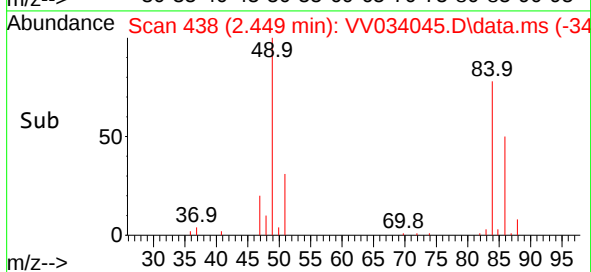
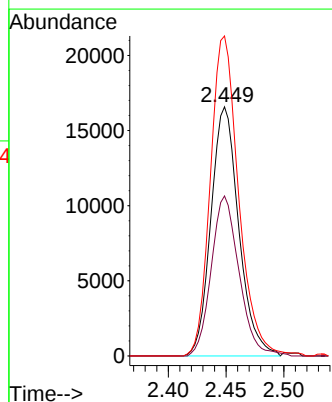
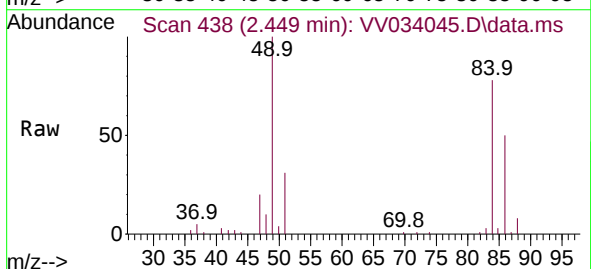
Instrument :
MSVOA_V
ClientSampleId :

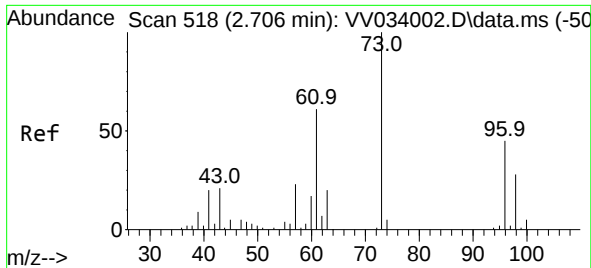
Tgt Ion: 43 Resp: 8515
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4



#16
Methylene chloride
Concen: 4.715 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 84 Resp: 27810
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 128.4 93.7 173.9

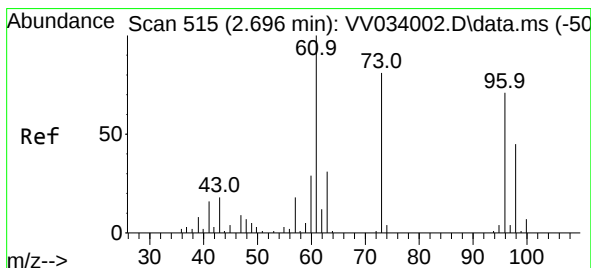
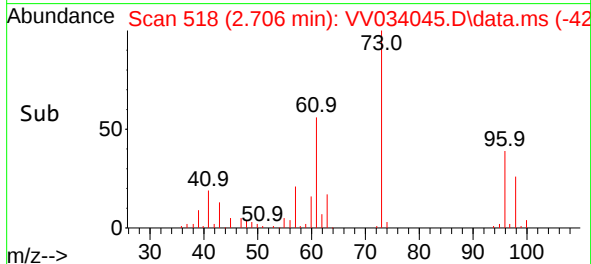
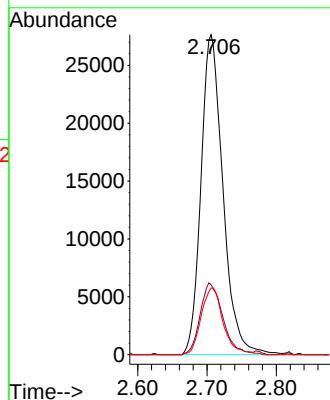
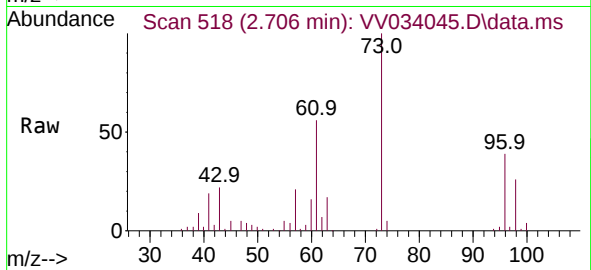




#17
Methyl tert-butyl Ether
Concen: 4.818 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

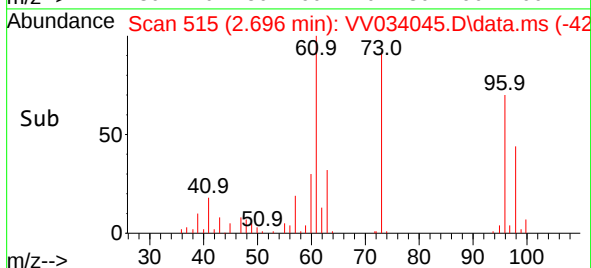
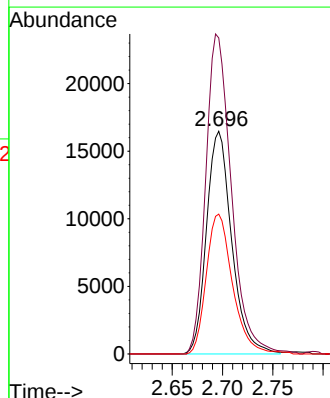
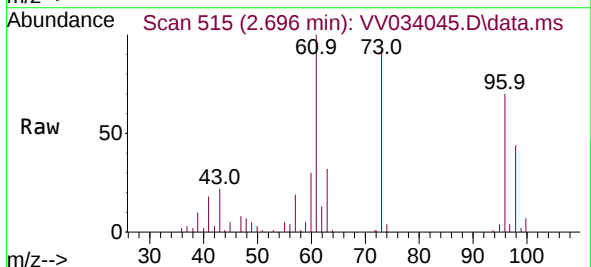
Instrument :
MSVOA_V
ClientSampleId :

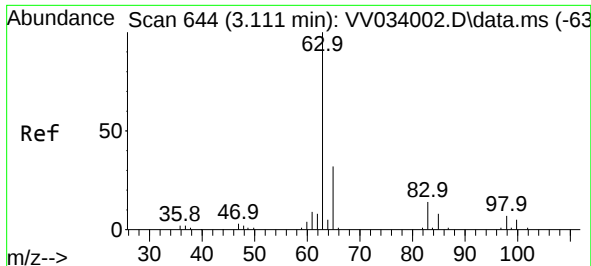
Tgt Ion: 73	Resp: 60854
Ion Ratio	Lower Upper
73 100	
43 23.0	17.7 26.5
57 20.9	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.605 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 96	Resp: 28836
Ion Ratio	Lower Upper
96 100	
61 141.9	97.6 181.4
98 62.8	44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.960 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

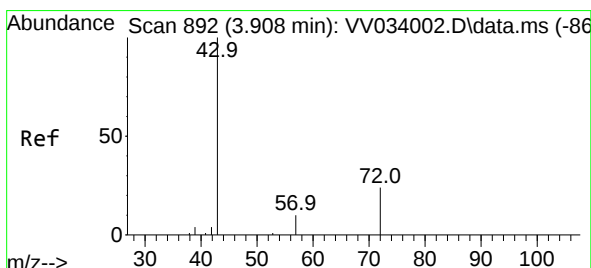
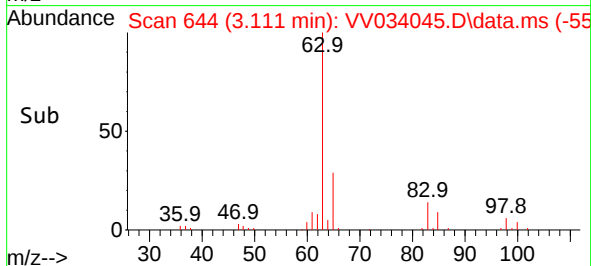
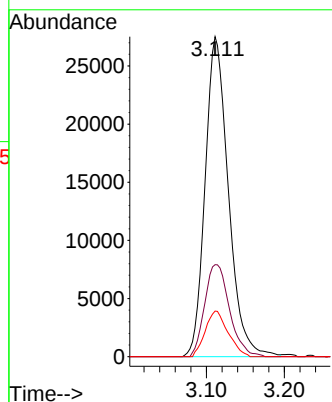
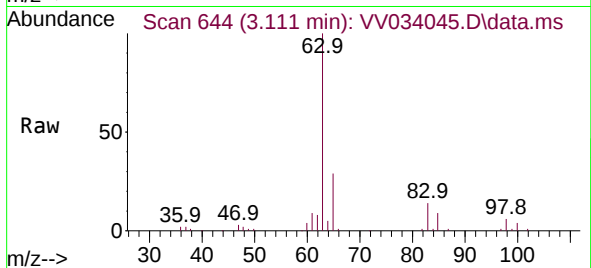
Tgt Ion: 63 Resp: 57068

Ion Ratio Lower Upper

63 100

65 28.7 20.8 38.6

83 14.2 9.4 17.4



#21

2-Butanone

Concen: 45.910 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV034045.D

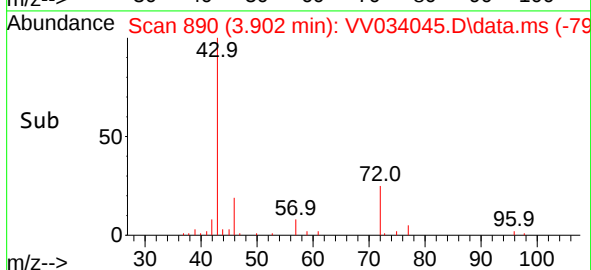
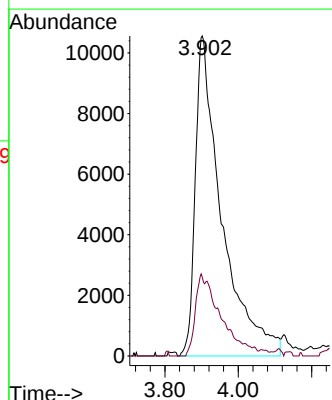
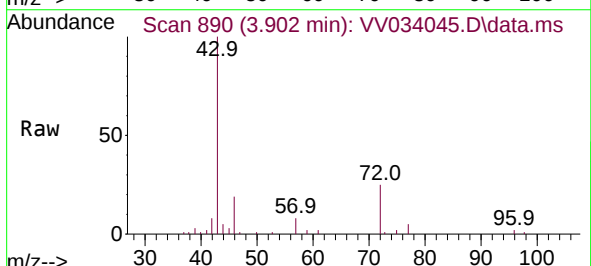
Acq: 08 Feb 2024 08:58

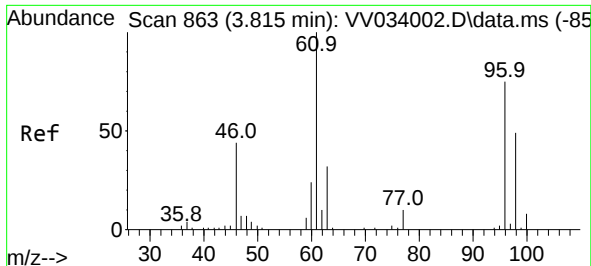
Tgt Ion: 43 Resp: 52684

Ion Ratio Lower Upper

43 100

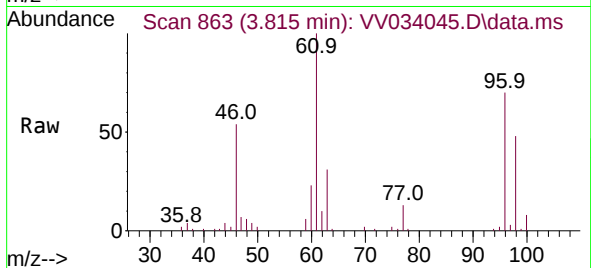
72 8.8 4.0 11.9





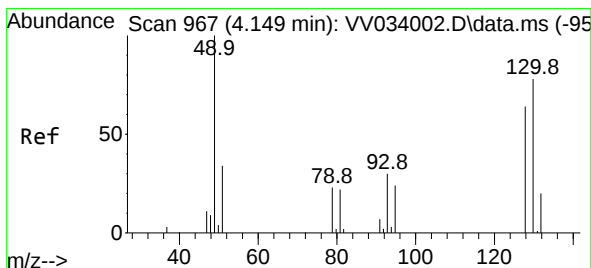
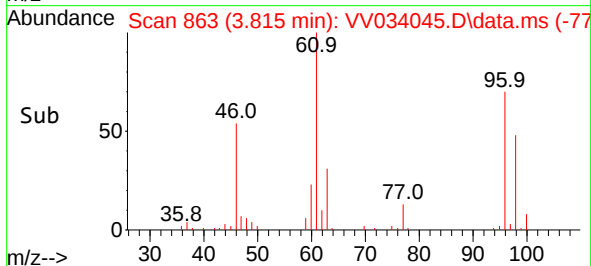
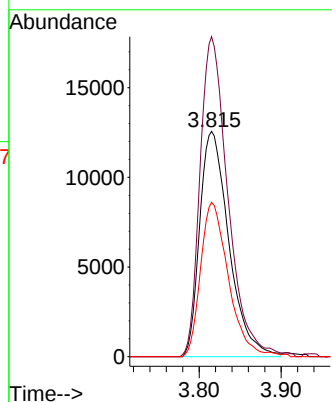
#22
 cis-1,2-Dichloroethene
 Concen: 4.366 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034045.D
 Acq: 08 Feb 2024 08:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 31017

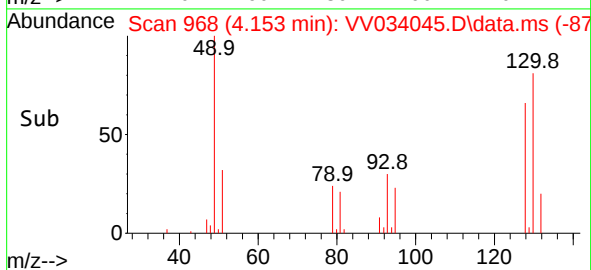
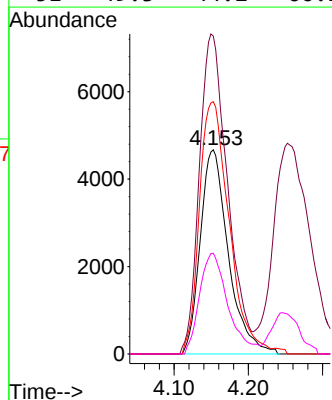
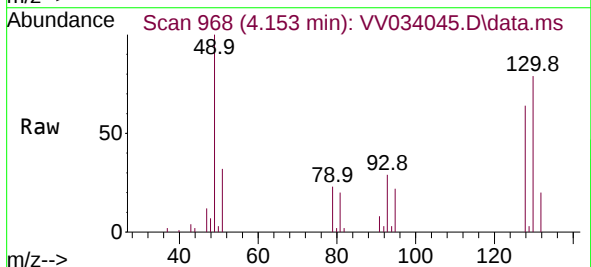
Ion	Ratio	Lower	Upper
96	100		
61	142.1	90.3	167.7
98	68.5	43.2	80.2

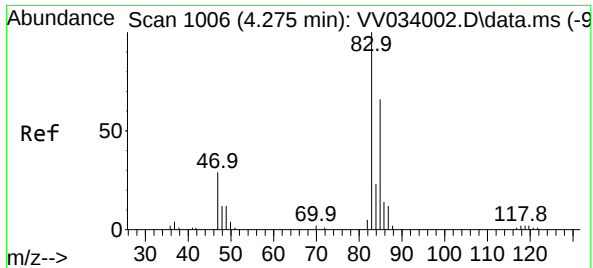


#23
 Bromochloromethane
 Concen: 4.970 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034045.D
 Acq: 08 Feb 2024 08:58

Tgt Ion: 128 Resp: 12274

Ion	Ratio	Lower	Upper
128	100		
49	155.8	120.5	223.7
130	123.6	93.4	173.4
51	49.3	44.2	66.2





#25

Chloroform

Concen: 4.980 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

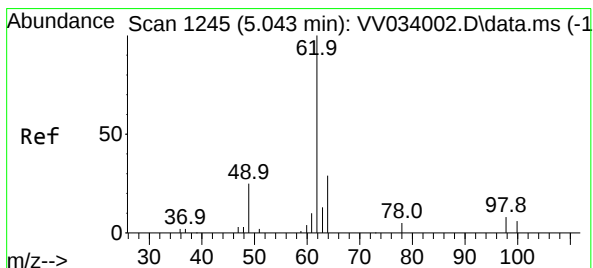
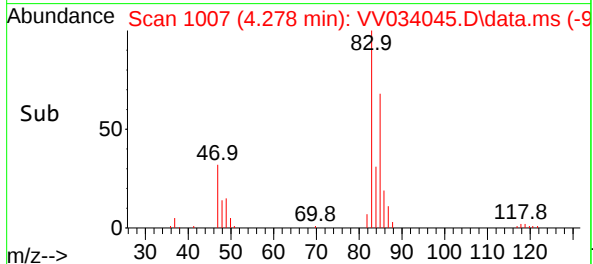
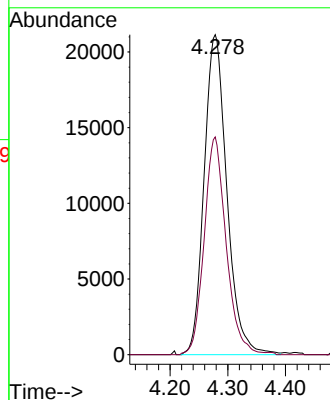
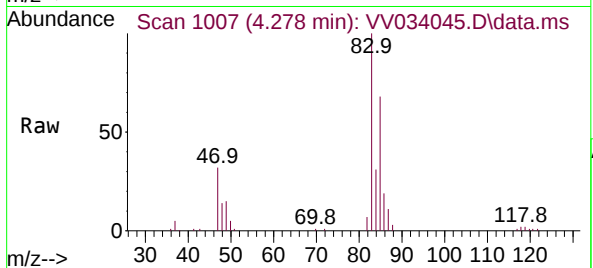
ClientSampleId :

Tgt Ion: 83 Resp: 57923

Ion Ratio Lower Upper

83 100

85 68.1 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.011 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.007 min

Lab File: VV034045.D

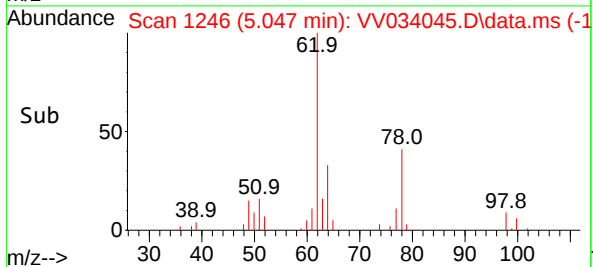
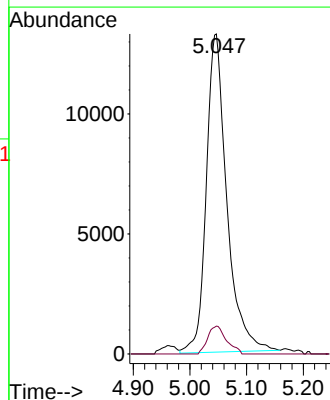
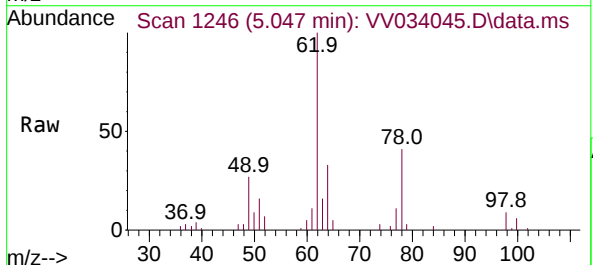
Acq: 08 Feb 2024 08:58

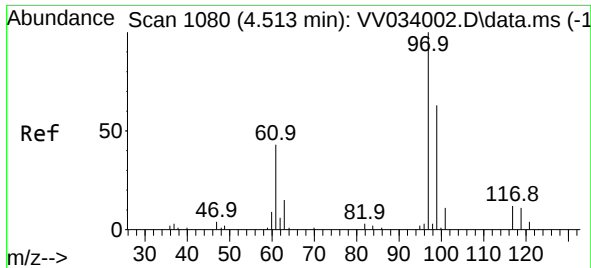
Tgt Ion: 62 Resp: 33375

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.190 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

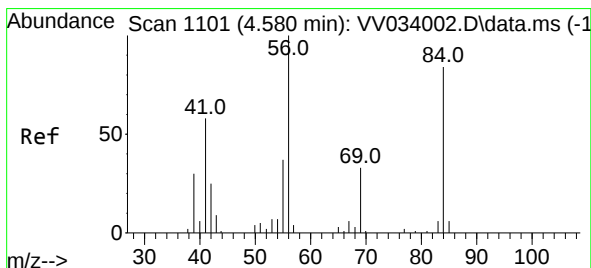
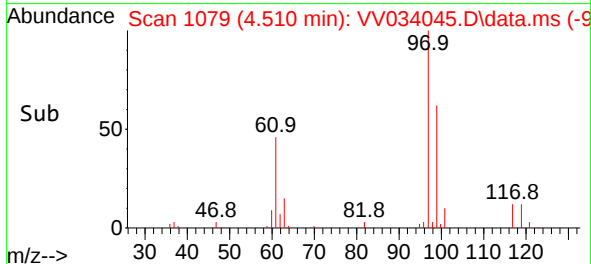
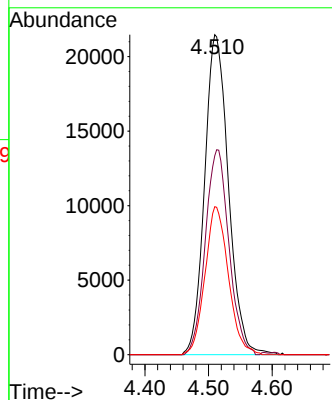
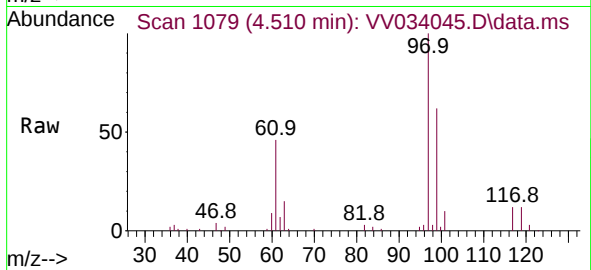
Tgt Ion: 97 Resp: 55906

Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

61 45.5 36.8 55.2



#30

Cyclohexane

Concen: 4.691 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

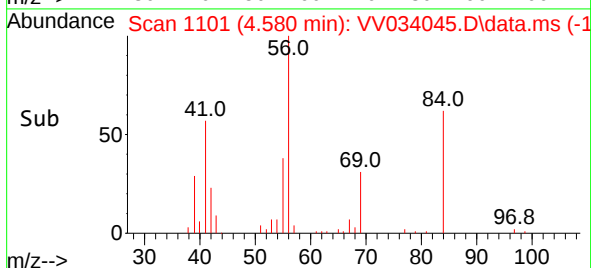
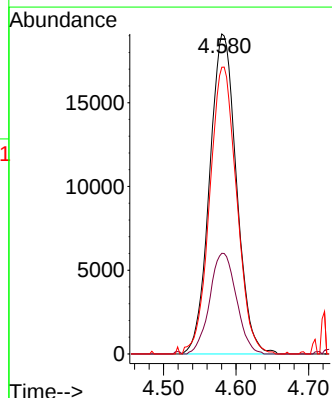
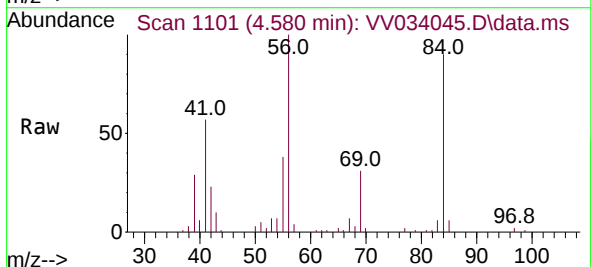
Tgt Ion: 56 Resp: 49141

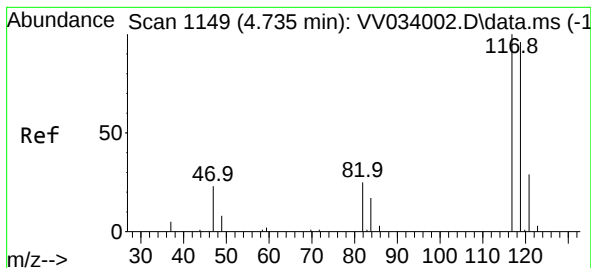
Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

84 90.2 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.220 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

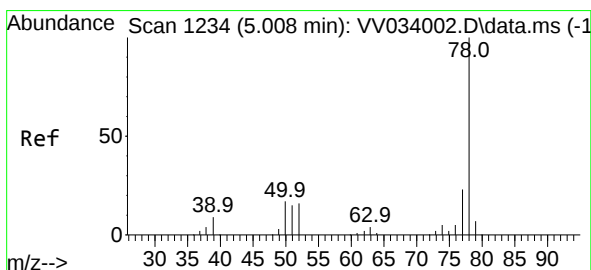
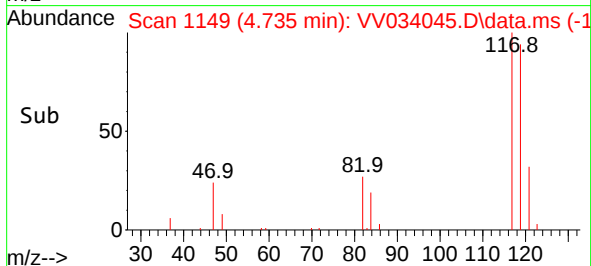
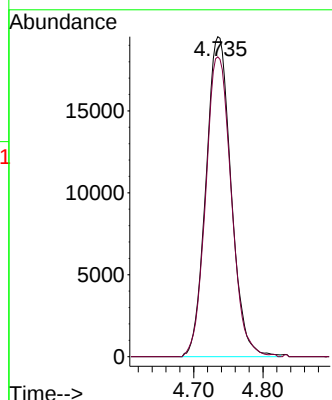
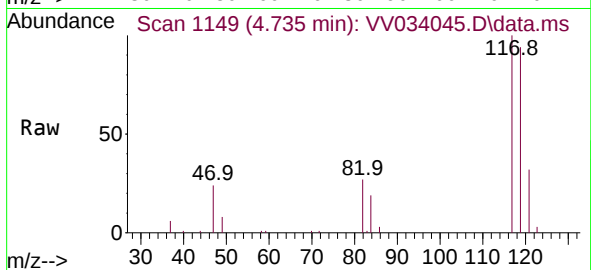
ClientSampleId :

Tgt Ion:117 Resp: 49204

Ion Ratio Lower Upper

117 100

119 95.2 76.1 114.1



#33

Benzene

Concen: 4.870 ug/L

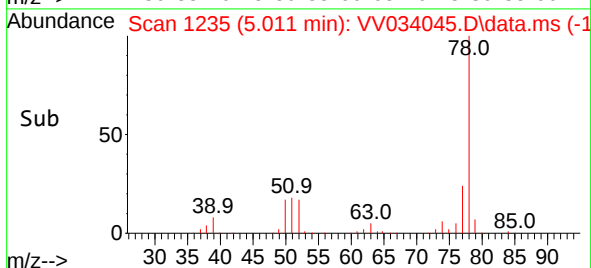
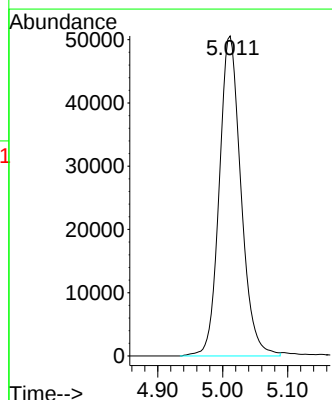
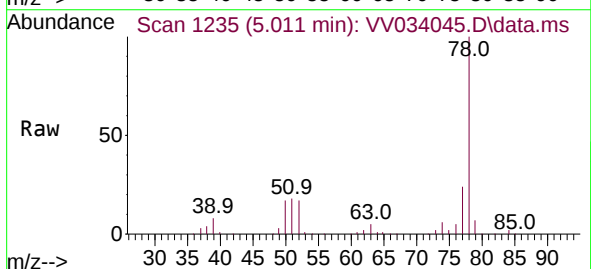
RT: 5.011 min Scan# 1235

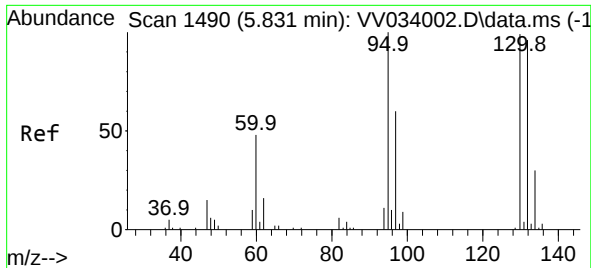
Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Tgt Ion: 78 Resp: 117204

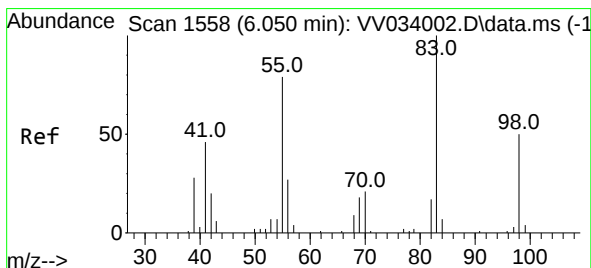
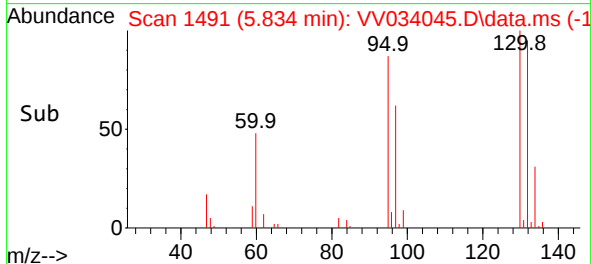
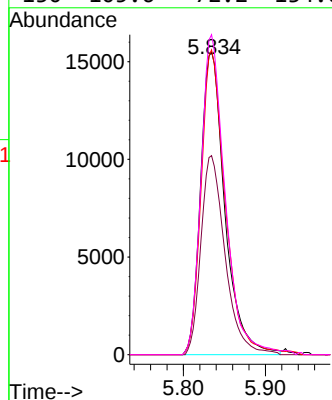
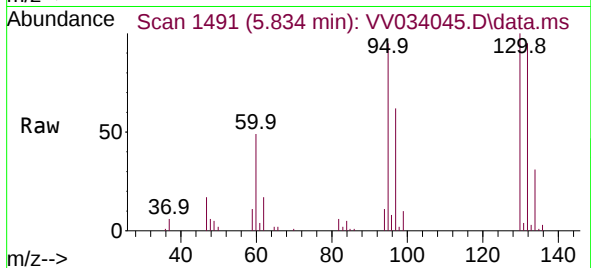




#34
Trichloroethene
Concen: 4.578 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

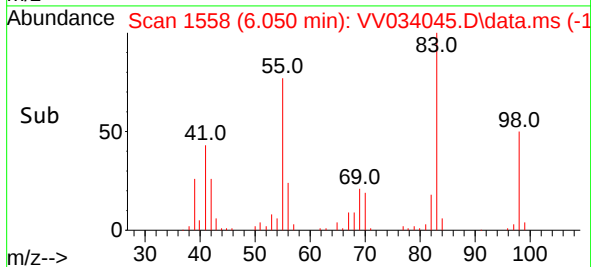
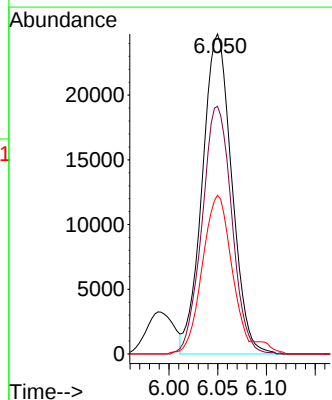
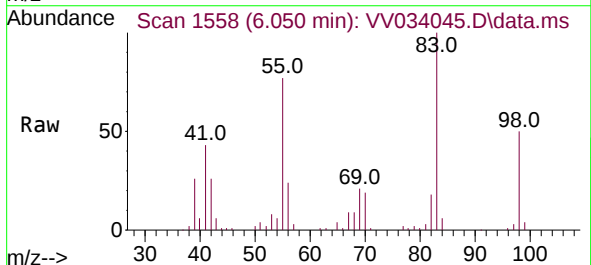
Instrument :
MSVOA_V
ClientSampleId :

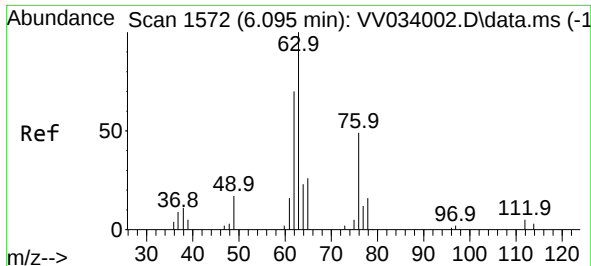
Tgt Ion: 95 Resp: 31888
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.7
132 100.6 66.0 122.6
130 105.6 72.2 134.0



#35
Methylcyclohexane
Concen: 4.761 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 83 Resp: 52048
Ion Ratio Lower Upper
83 100
55 78.0 63.5 95.3
98 51.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.765 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

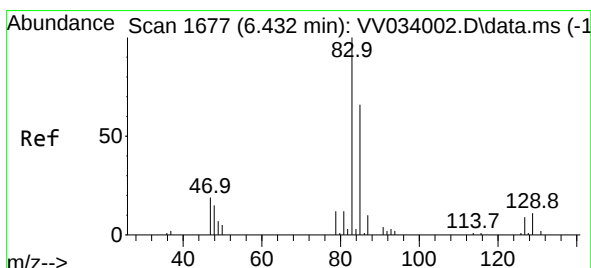
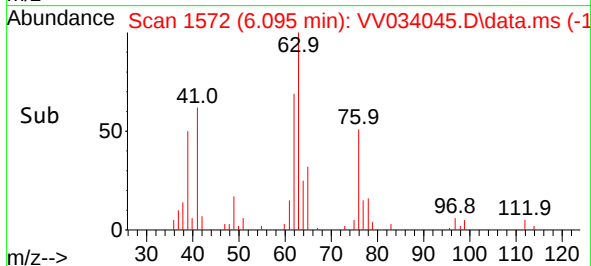
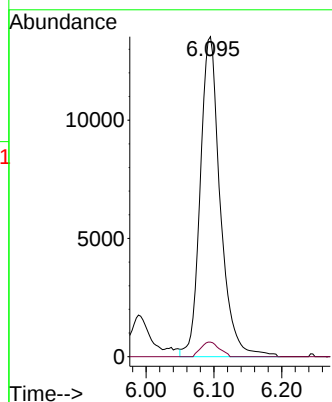
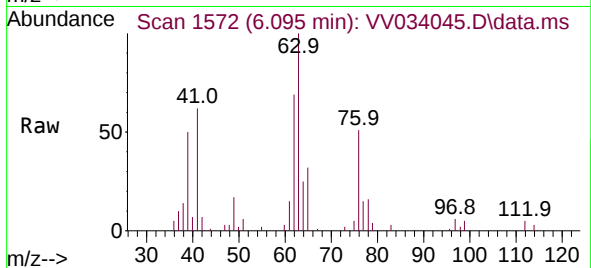
ClientSampleId :

Tgt Ion: 63 Resp: 27778

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 4.954 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

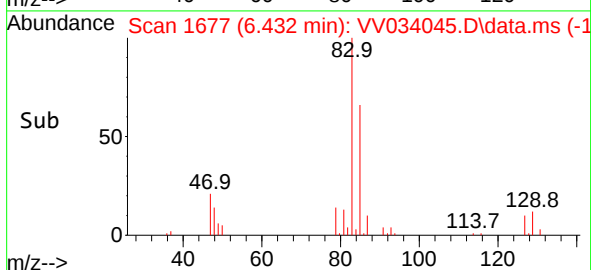
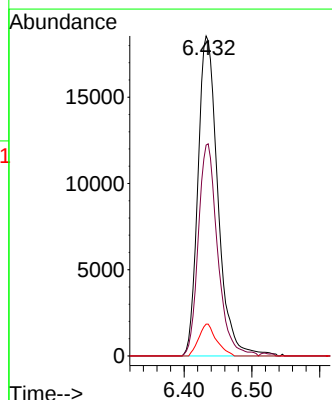
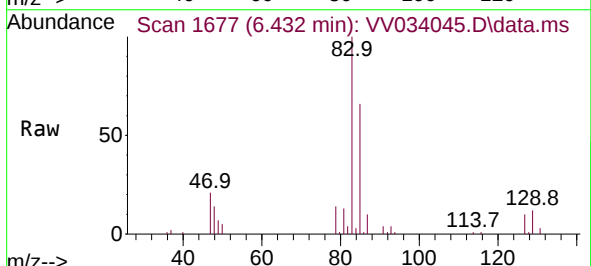
Tgt Ion: 83 Resp: 37909

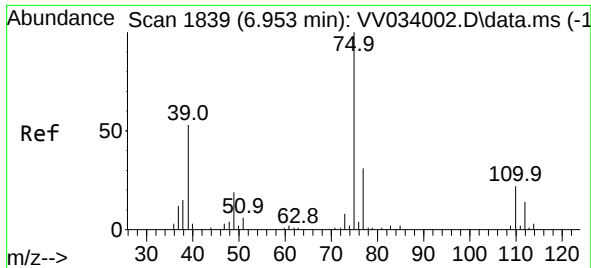
Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2

127 10.0 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 4.606 ug/L

RT: 6.956 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

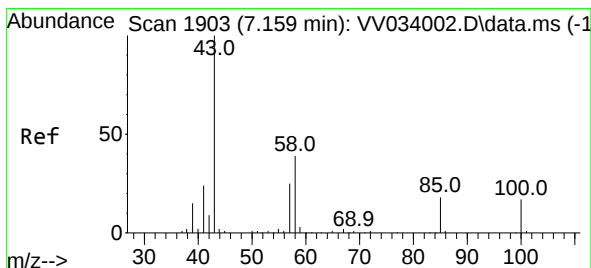
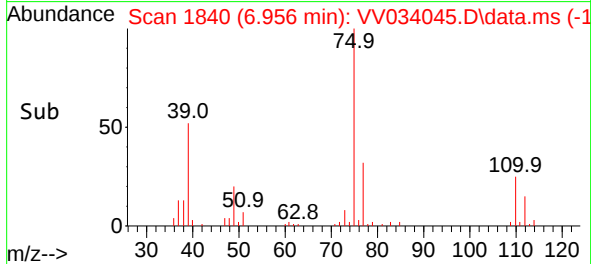
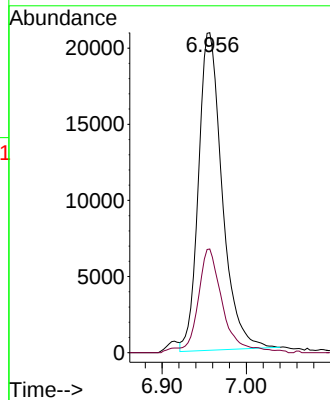
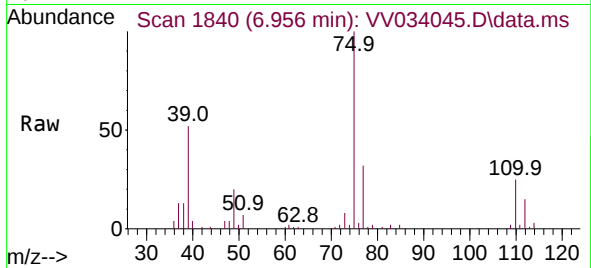
ClientSampleId :

Tgt Ion: 75 Resp: 40857

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.743 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

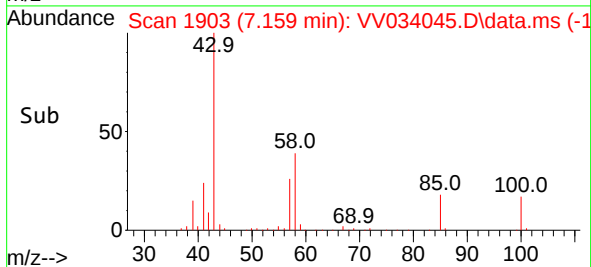
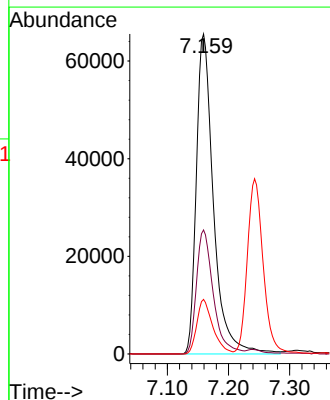
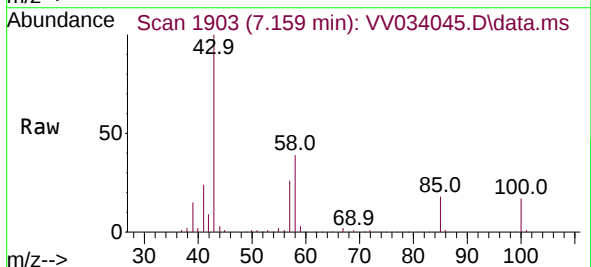
Tgt Ion: 43 Resp: 127693

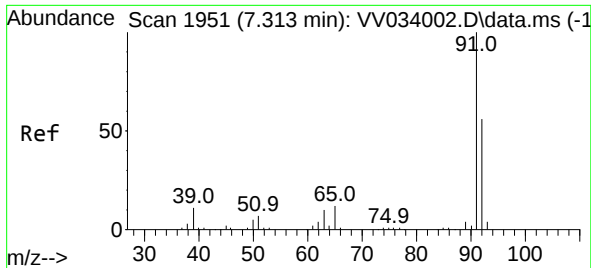
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 16.0 12.1 18.1





#42

Toluene

Concen: 5.095 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

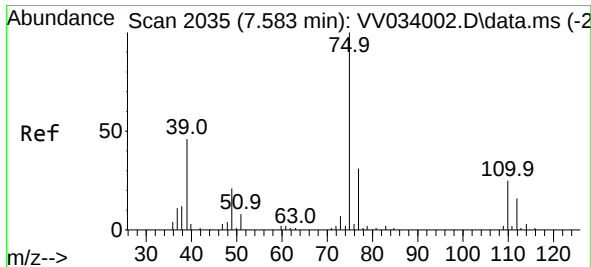
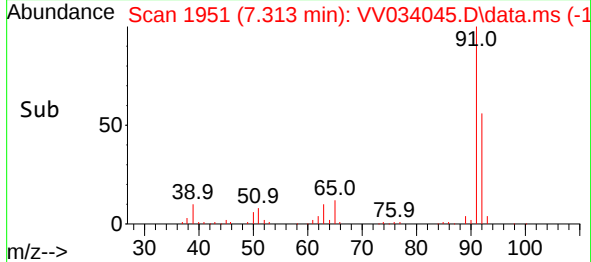
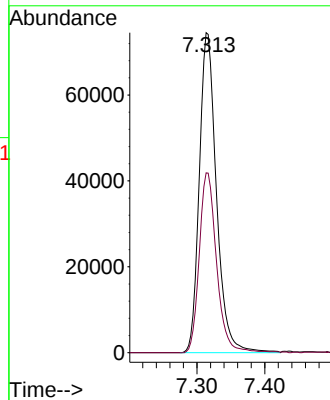
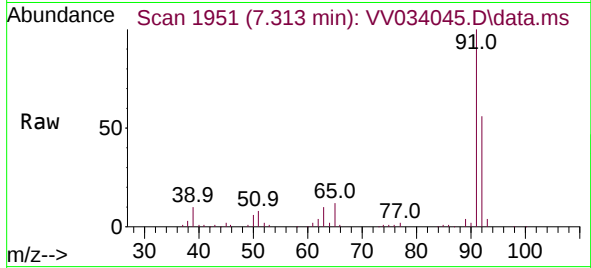
ClientSampleId :

Tgt Ion: 91 Resp: 131038

Ion Ratio Lower Upper

91 100

92 56.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.021 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034045.D

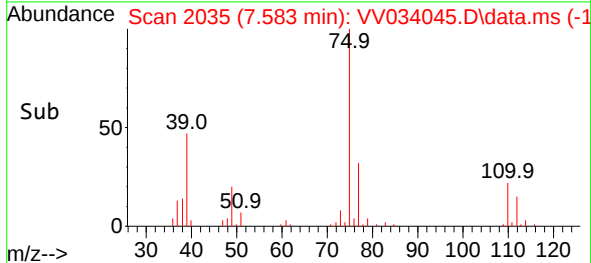
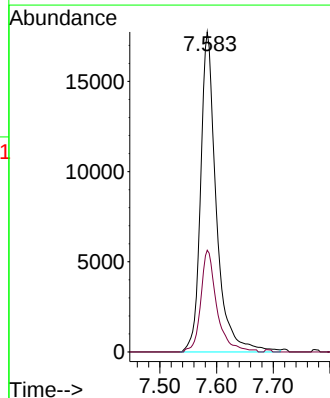
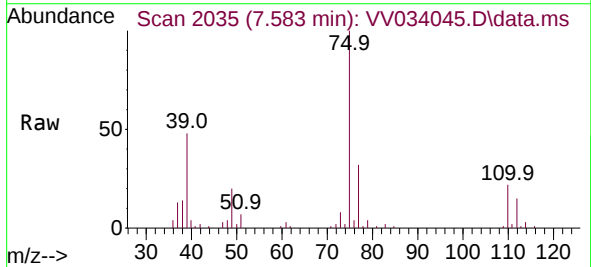
Acq: 08 Feb 2024 08:58

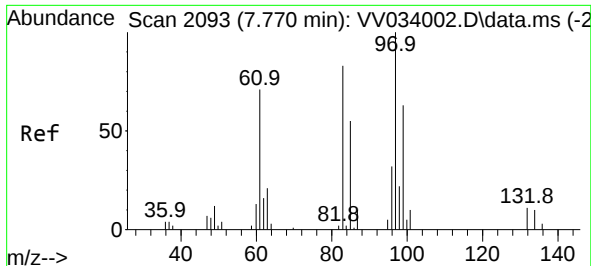
Tgt Ion: 75 Resp: 34194

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



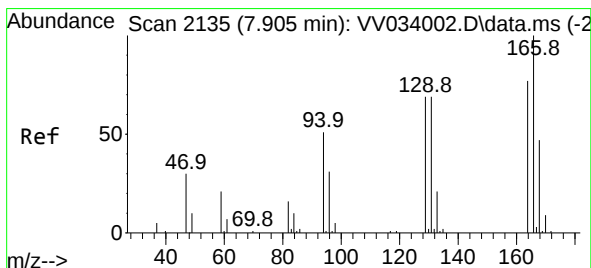
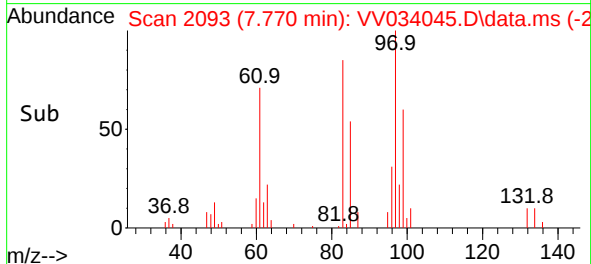
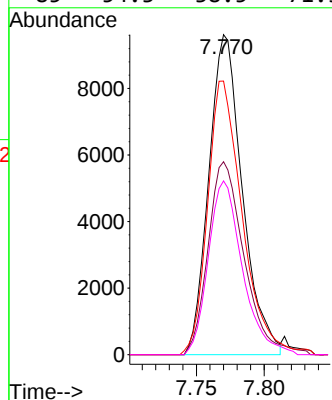
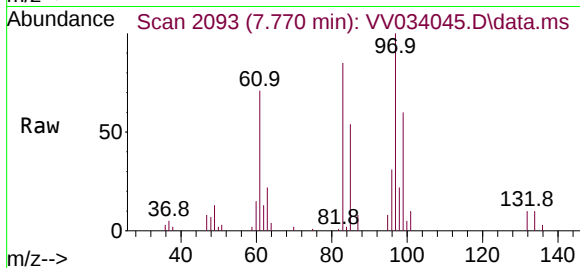


#45
1,1,2-Trichloroethane
Concen: 4.600 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 16557

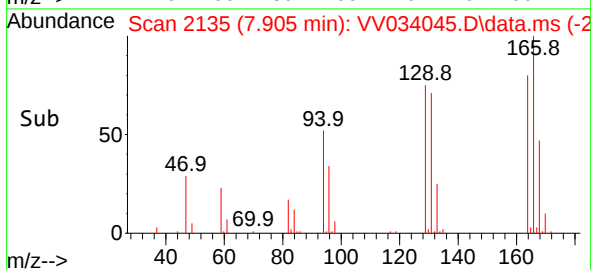
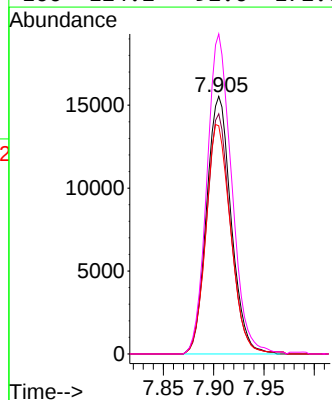
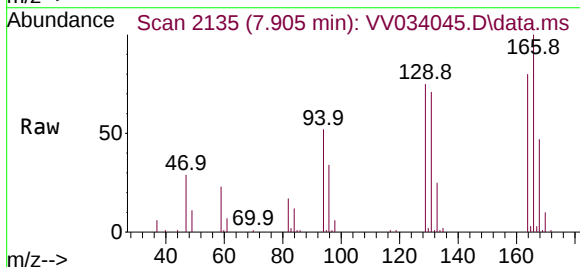
Ion	Ratio	Lower	Upper
97	100		
99	60.3	45.6	84.6
83	85.5	62.3	115.7
85	54.3	38.5	71.5

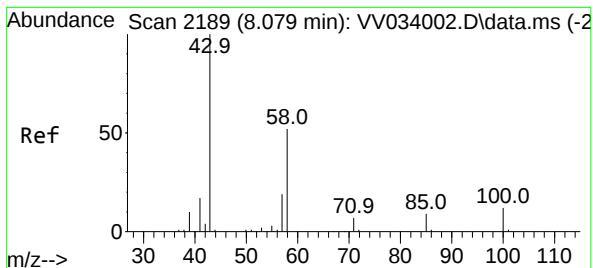


#47
Tetrachloroethene
Concen: 4.683 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 164 Resp: 26504

Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.8	125.8
131	88.6	63.0	117.0
166	124.2	92.6	172.0





#48

2-Hexanone

Concen: 45.074 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 88694

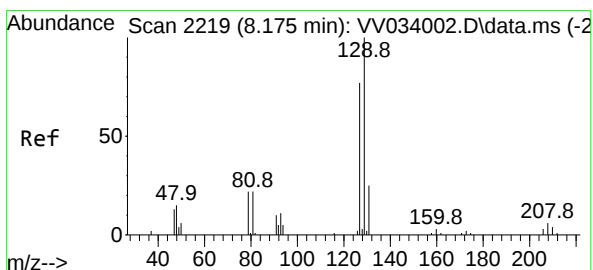
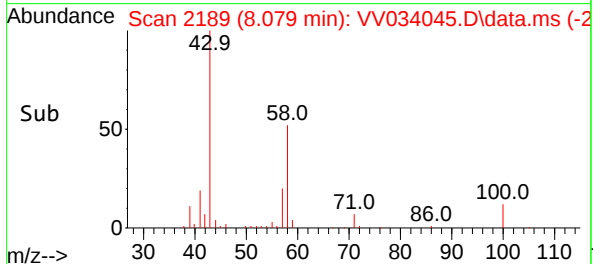
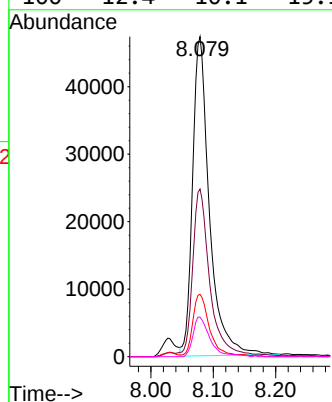
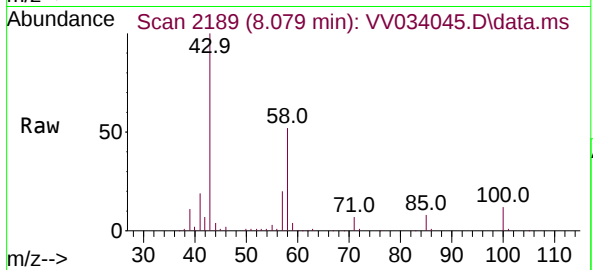
Ion Ratio Lower Upper

43 100

58 53.1 42.6 64.0

57 18.2 15.5 23.3

100 12.4 10.1 15.1



#49

Dibromochloromethane

Concen: 4.940 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV034045.D

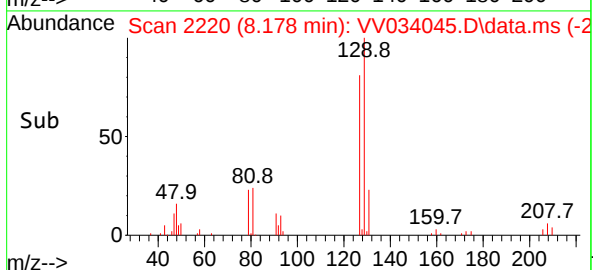
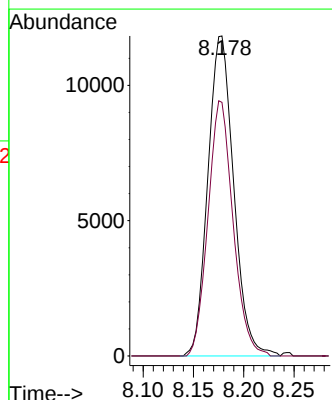
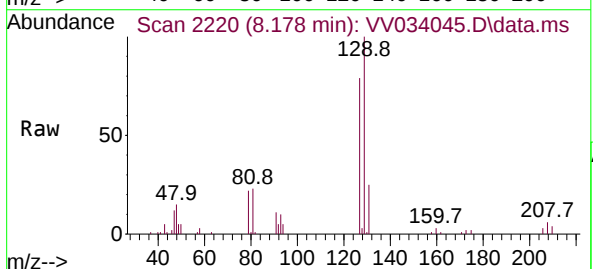
Acq: 08 Feb 2024 08:58

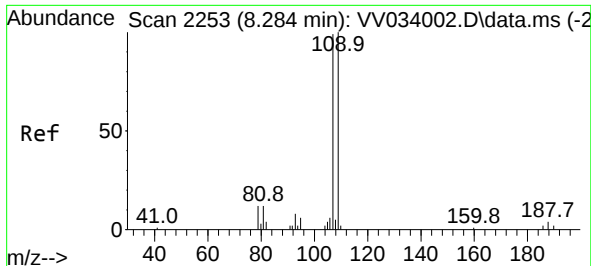
Tgt Ion:129 Resp: 21130

Ion Ratio Lower Upper

129 100

127 79.3 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.950 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034045.D

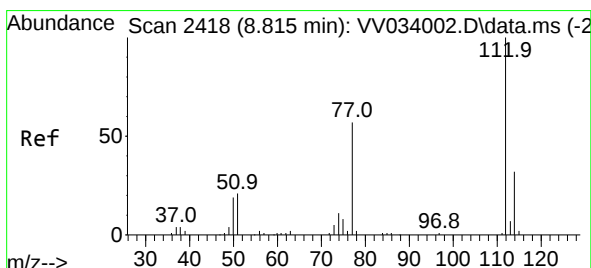
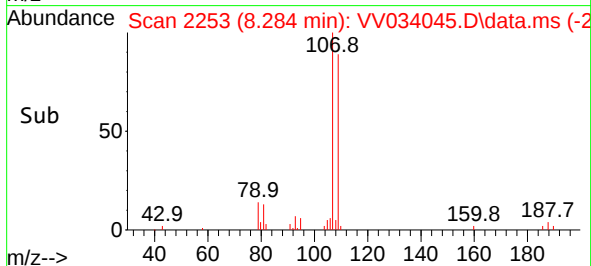
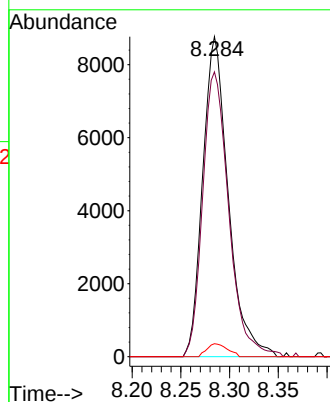
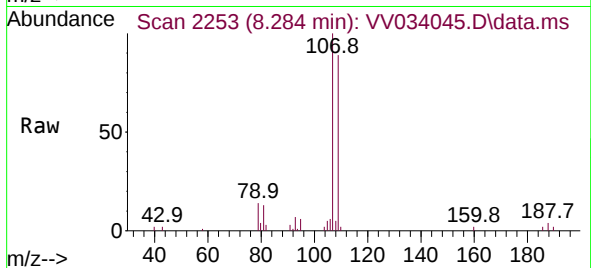
Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	15994
Ion	Ratio	Lower	Upper
107	100		
109	89.0	64.5	119.9
188	4.0	2.6	4.0#



#51

Chlorobenzene

Concen: 4.990 ug/L

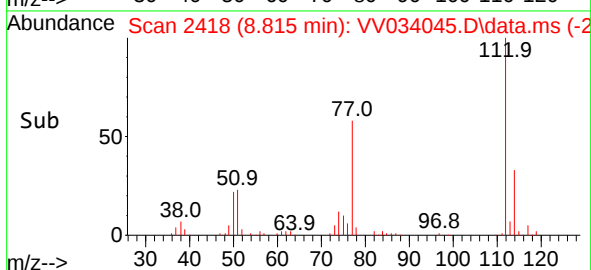
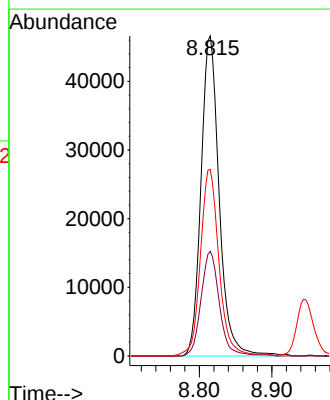
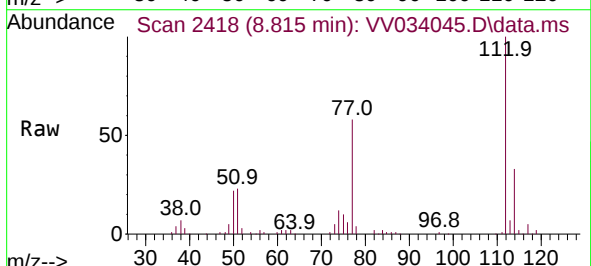
RT: 8.815 min Scan# 2418

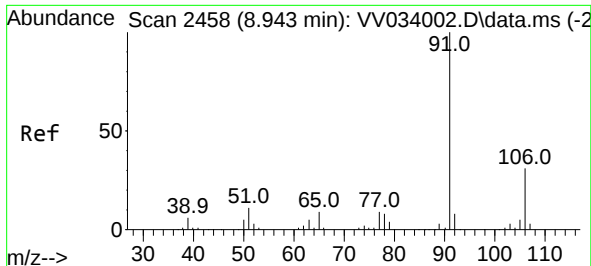
Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Tgt Ion:	112	Resp:	81149
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.5	41.7
77	58.3	48.1	72.1





#52

Ethylbenzene

Concen: 5.024 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

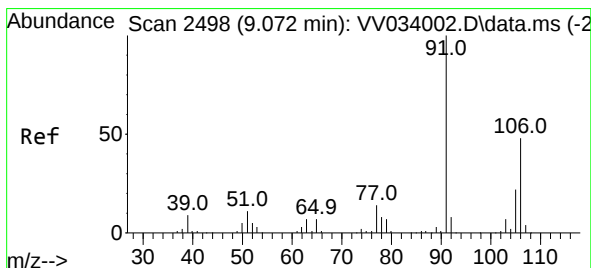
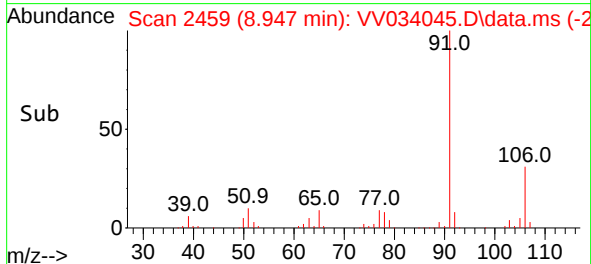
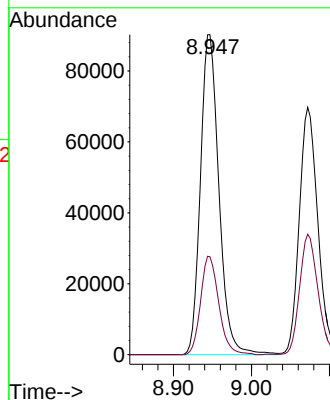
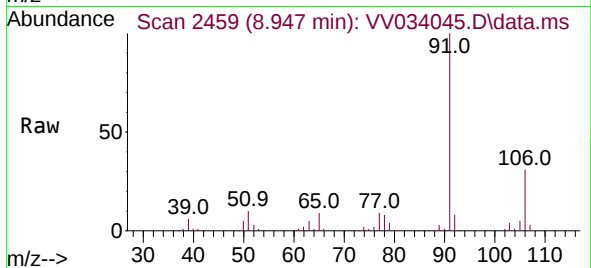
ClientSampleId :

Tgt Ion: 91 Resp: 148738

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 4.997 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034045.D

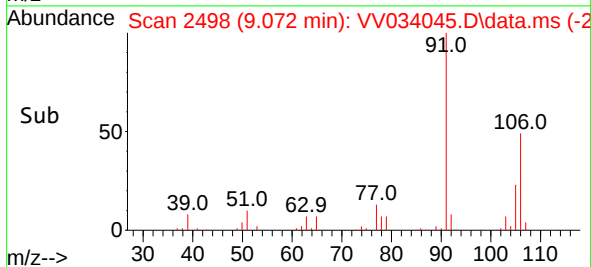
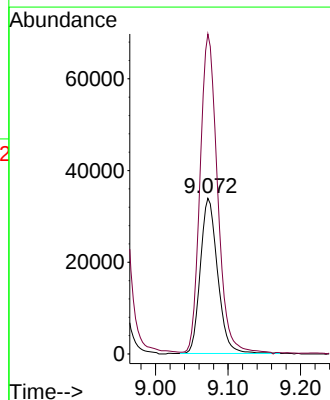
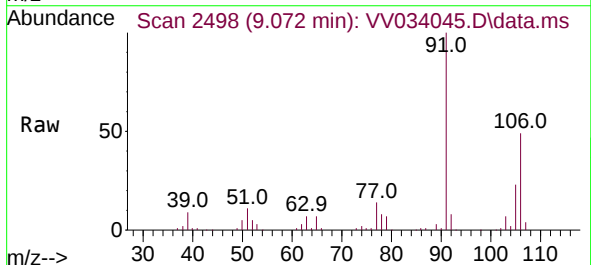
Acq: 08 Feb 2024 08:58

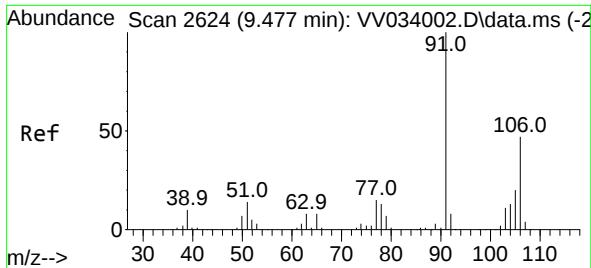
Tgt Ion:106 Resp: 55901

Ion Ratio Lower Upper

106 100

91 205.4 147.5 273.9

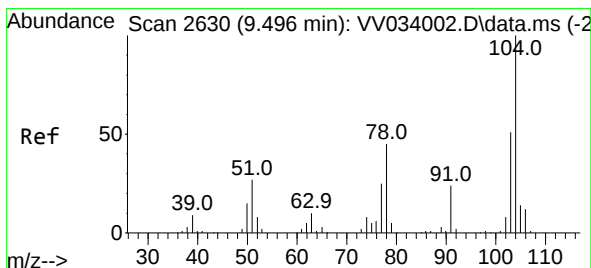
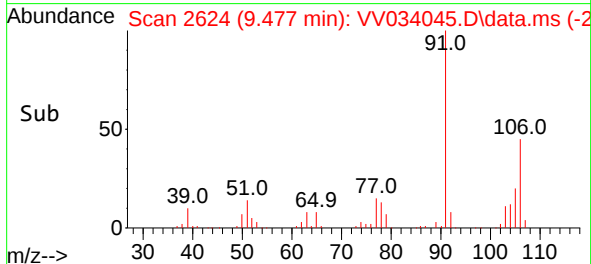
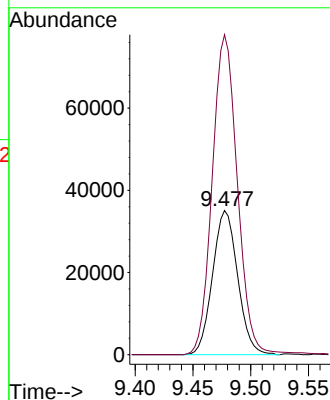
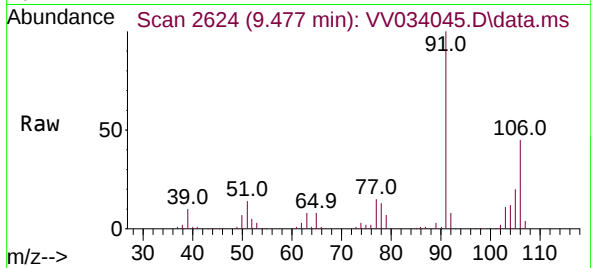




#54
o-Xylene
Concen: 4.916 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

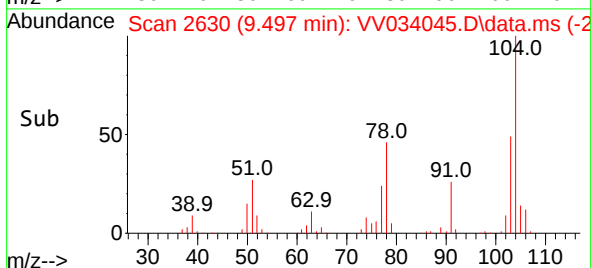
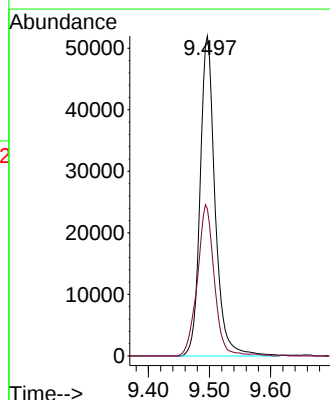
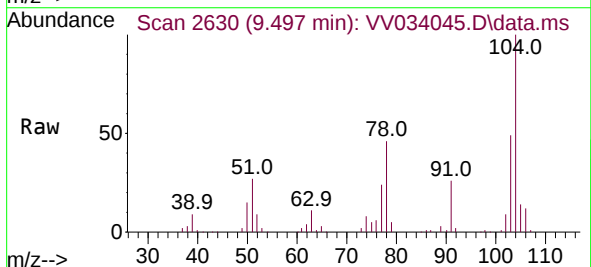
Instrument :
MSVOA_V
ClientSampleId :

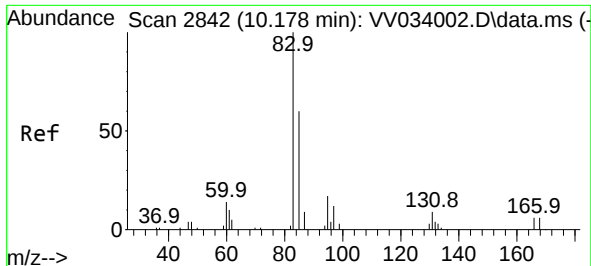
Tgt Ion:106 Resp: 53038
Ion Ratio Lower Upper
106 100
91 221.9 156.2 290.0



#55
Styrene
Concen: 5.125 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion:104 Resp: 88536
Ion Ratio Lower Upper
104 100
78 45.9 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: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

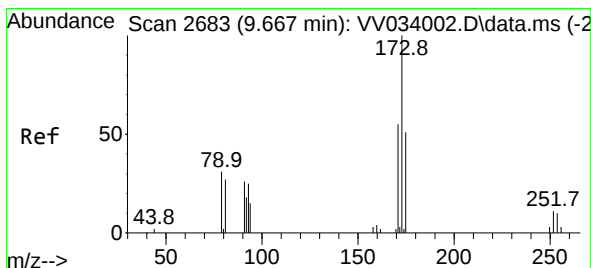
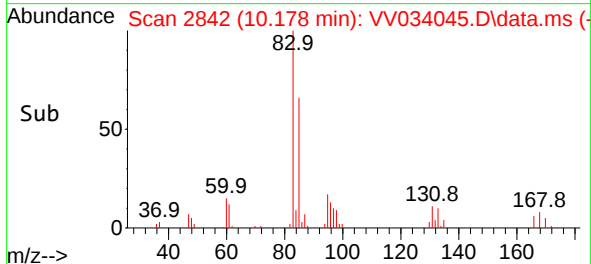
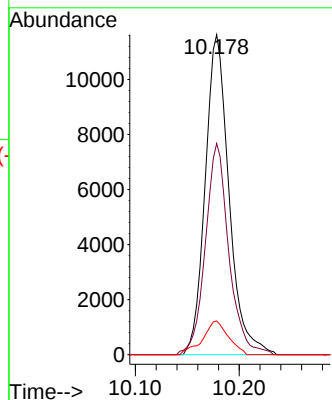
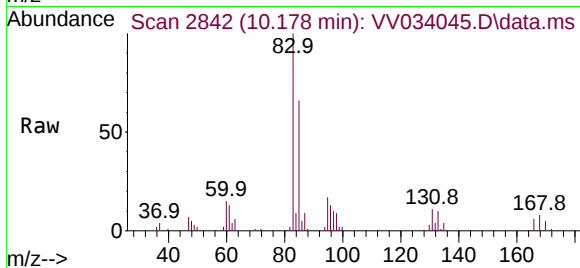
Tgt Ion: 83 Resp: 18491

Ion Ratio Lower Upper

83 100

85 66.0 46.5 86.3

131 10.5 8.4 12.6



#59

Bromoform

Concen: 4.825 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

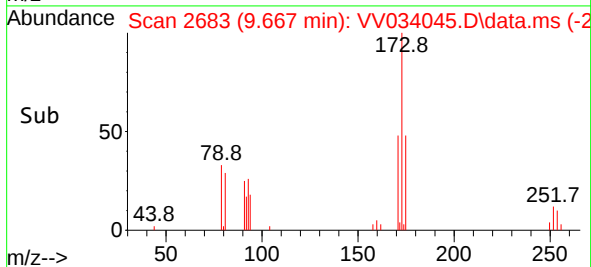
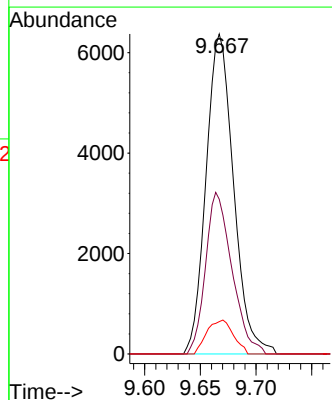
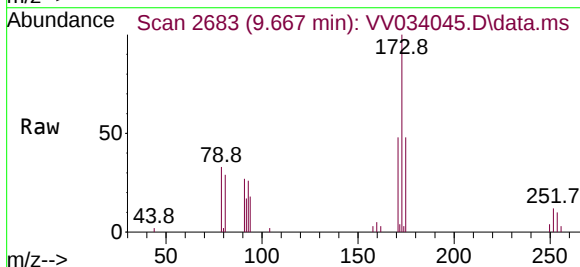
Tgt Ion: 173 Resp: 10960

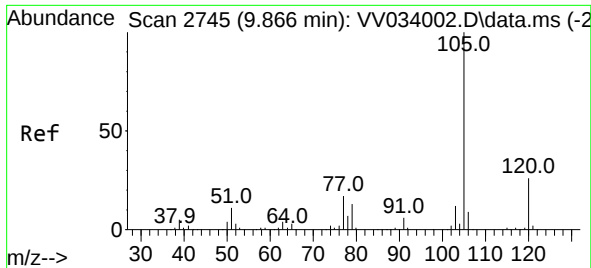
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 10.2 7.2 10.8

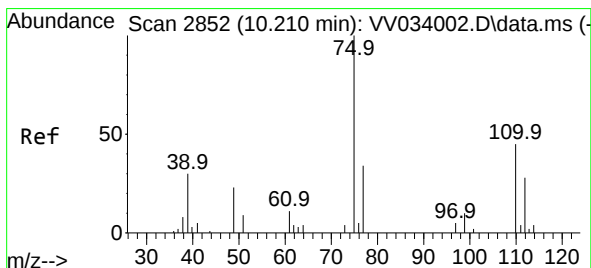
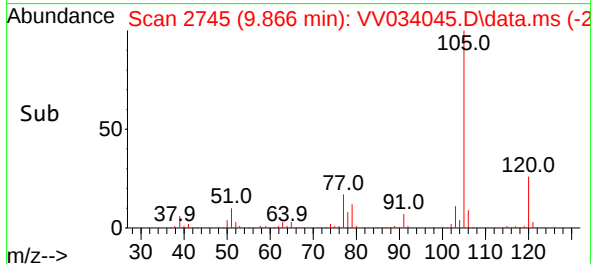
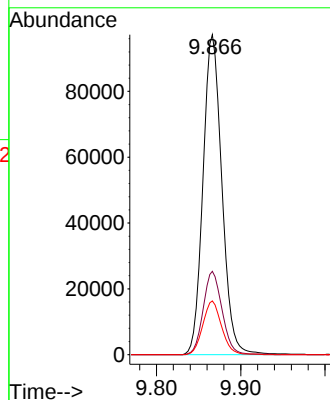
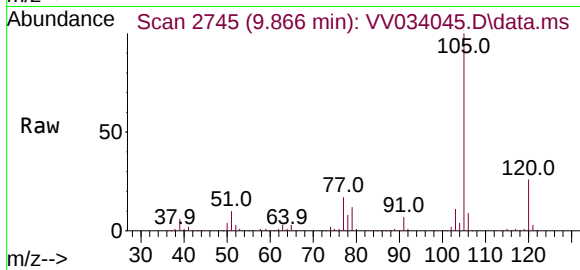




#60
Isopropylbenzene
Concen: 4.981 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

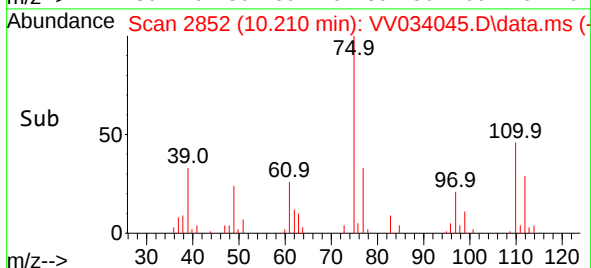
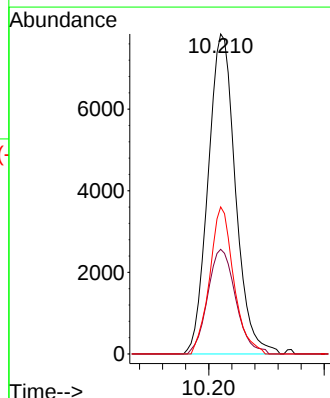
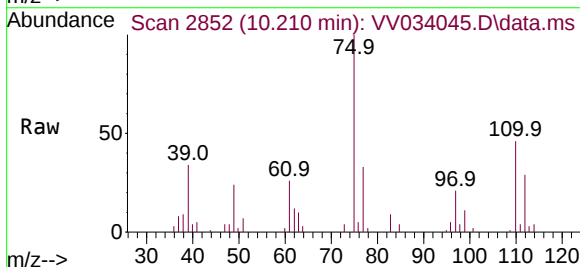
Instrument :
MSVOA_V
ClientSampleId :

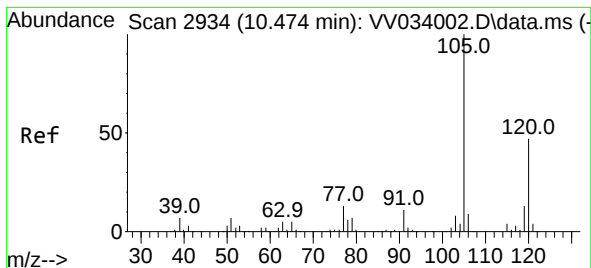
Tgt Ion:105 Resp: 151994
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.551 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 75 Resp: 12901
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 40.4 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.929 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

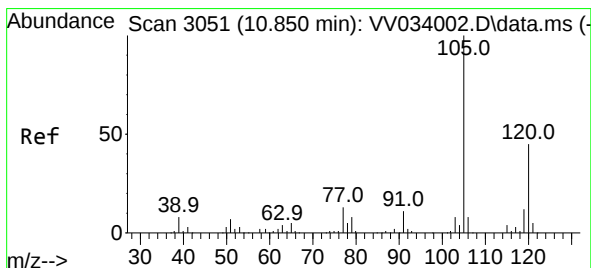
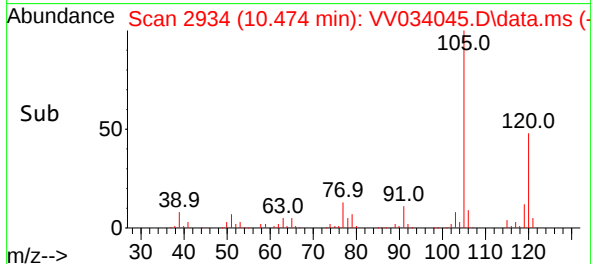
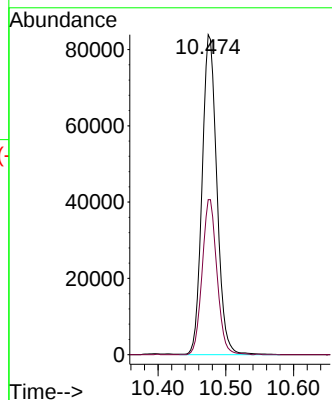
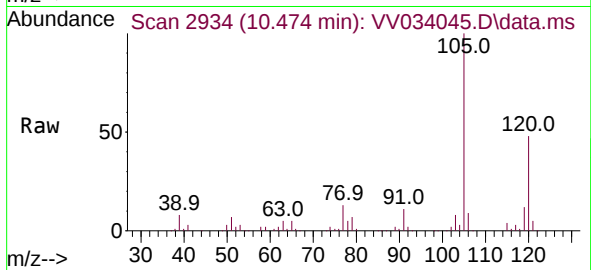
ClientSampleId :

Tgt Ion:105 Resp: 127156

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.904 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034045.D

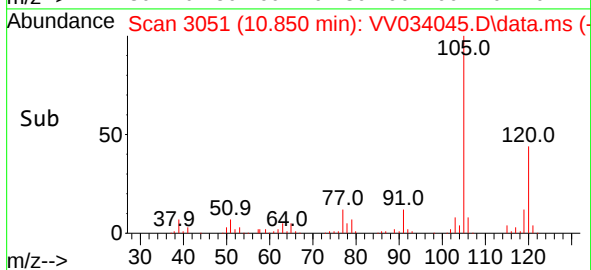
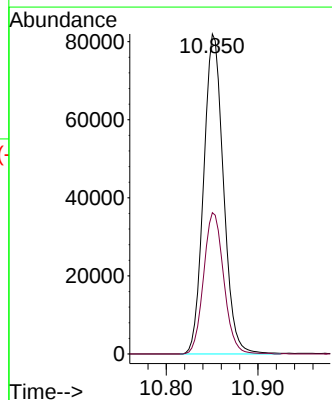
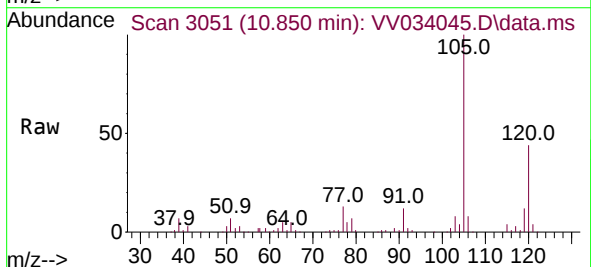
Acq: 08 Feb 2024 08:58

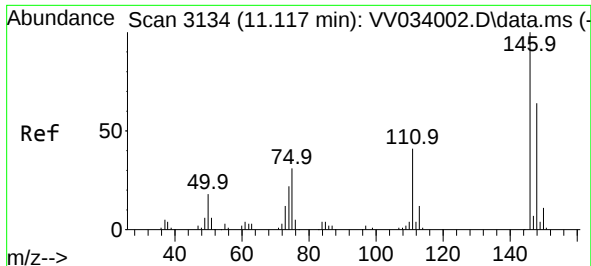
Tgt Ion:105 Resp: 122920

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

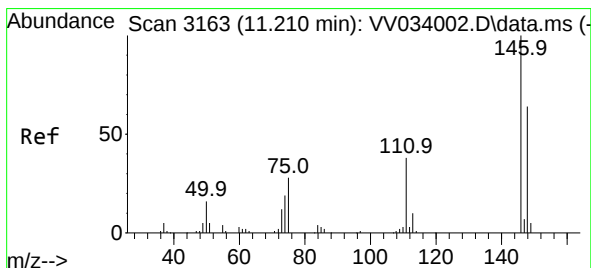
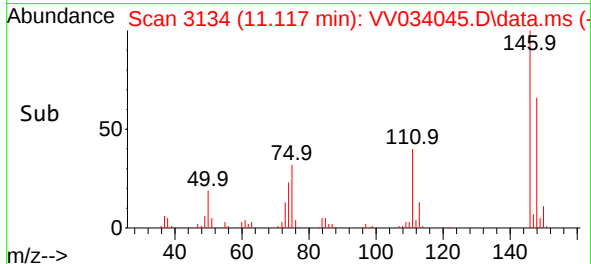
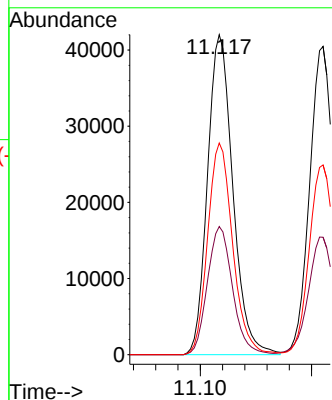
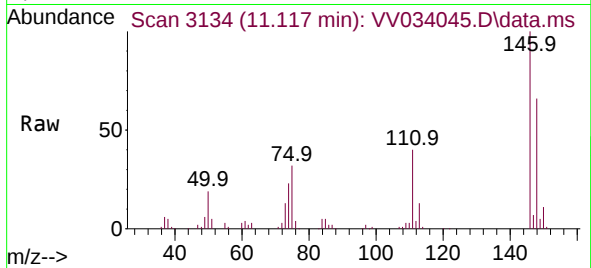




#64
1,3-Dichlorobenzene
Concen: 4.986 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

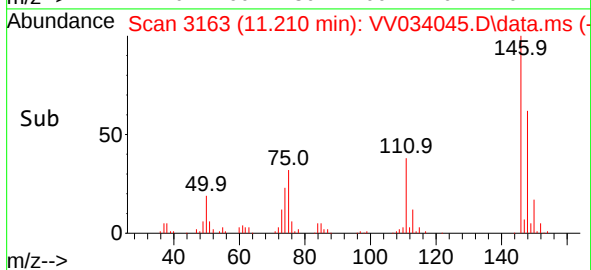
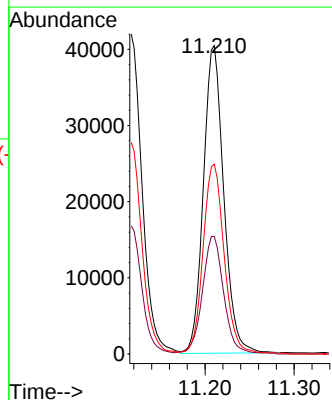
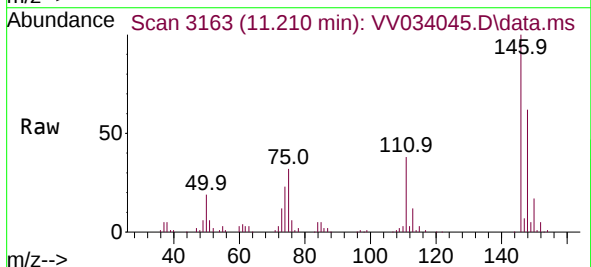
Instrument :
MSVOA_V
ClientSampleId :

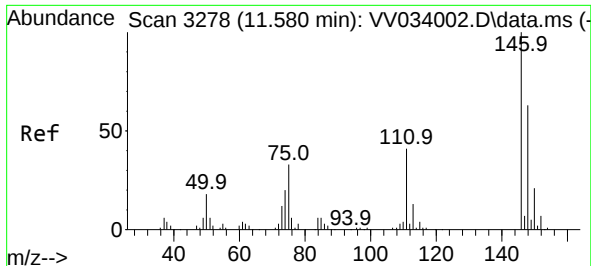
Tgt Ion:146 Resp: 66332
Ion Ratio Lower Upper
146 100
111 40.1 28.5 52.9
148 66.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.865 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

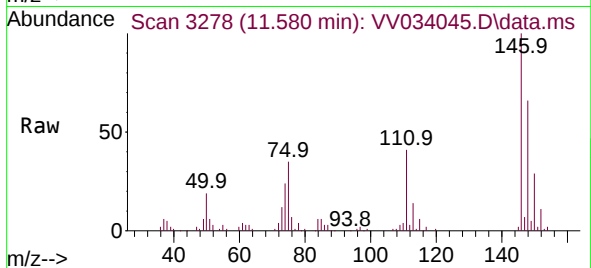
Tgt Ion:146 Resp: 64085
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.4
148 61.5 44.8 83.2



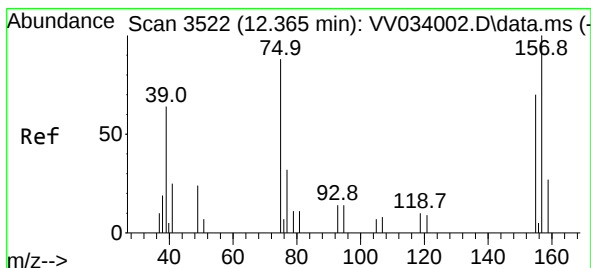
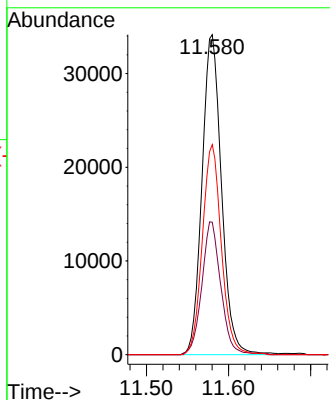
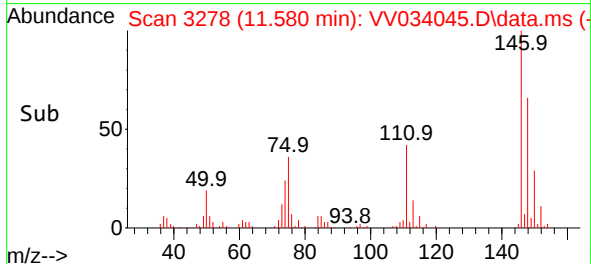


#67
1,2-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

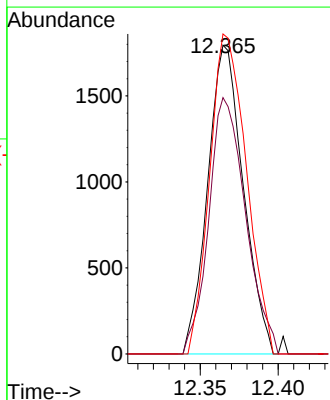
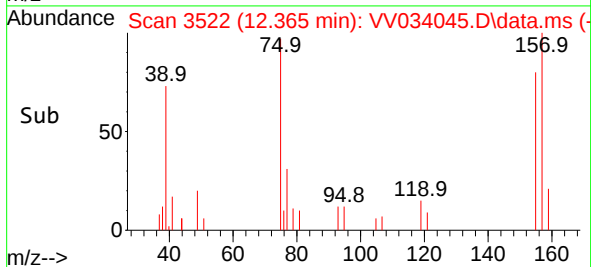
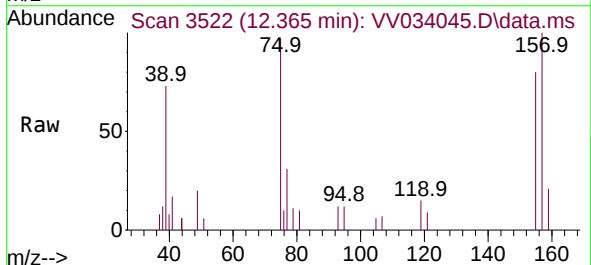


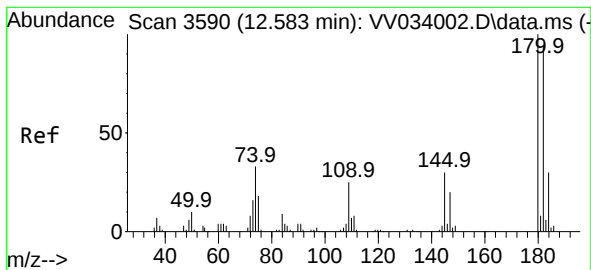
Tgt Ion:146 Resp: 56316
Ion Ratio Lower Upper
146 100
111 41.4 31.2 46.8
148 65.7 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.797 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV034045.D
Acq: 08 Feb 2024 08:58

Tgt Ion: 75 Resp: 2850
Ion Ratio Lower Upper
75 100
155 83.0 68.9 103.3
157 103.6 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.110 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

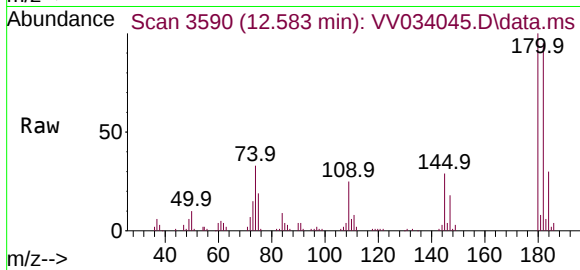
Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 52617

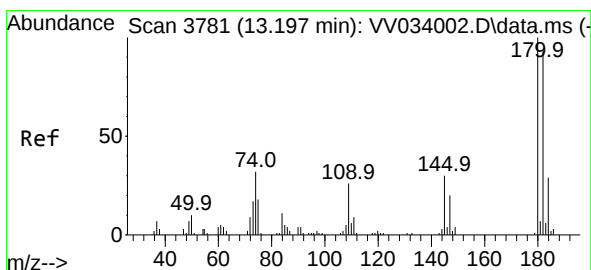
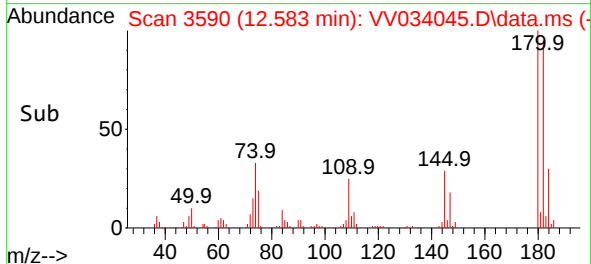
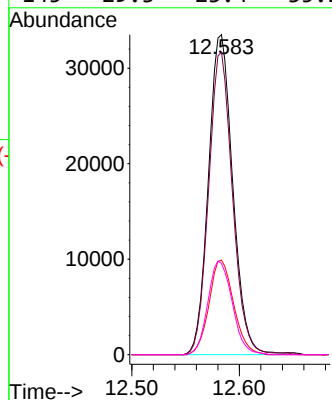
Ion Ratio Lower Upper

180 100

182 92.8 77.0 115.4

184 29.9 23.8 35.6

145 29.3 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.004 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

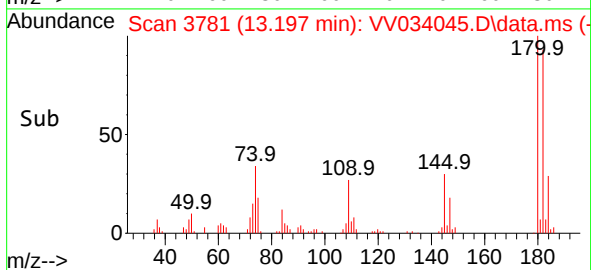
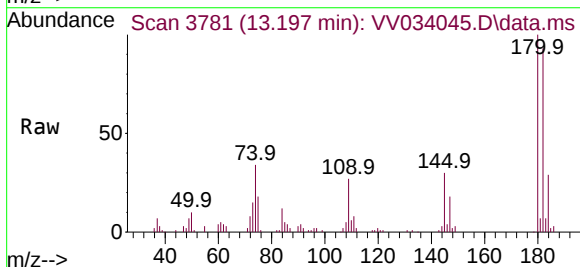
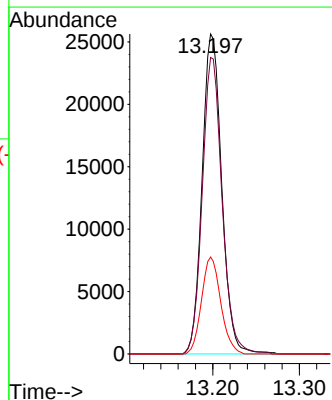
Tgt Ion:180 Resp: 40223

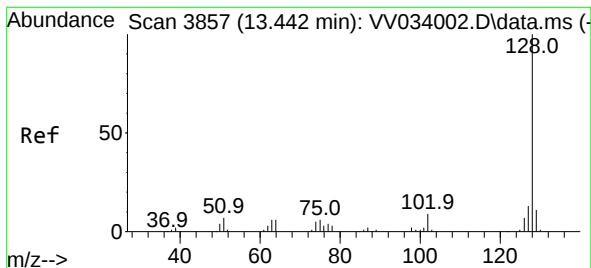
Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 29.7 24.8 37.2





#71

Naphthalene

Concen: 4.637 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

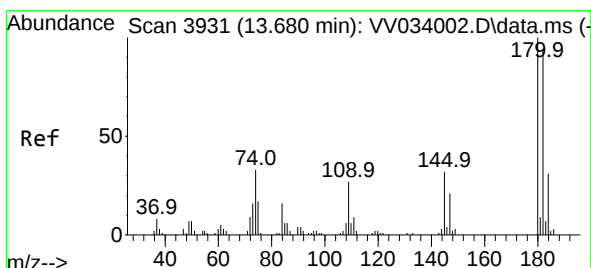
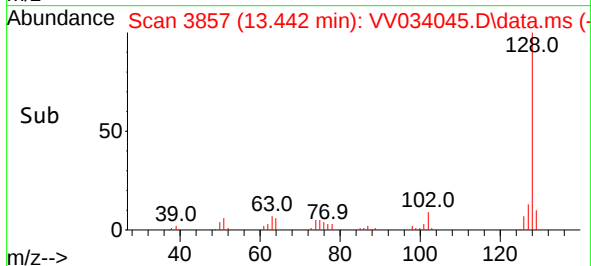
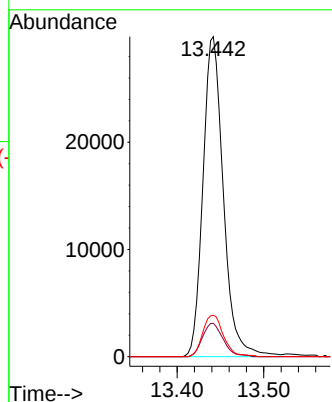
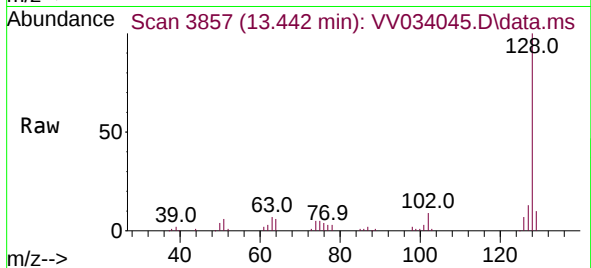
Tgt Ion:128 Resp: 48836

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.936 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034045.D

Acq: 08 Feb 2024 08:58

Tgt Ion:180 Resp: 31787

Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

145 31.9 25.2 37.8

