

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035249.D
 Acq On : 16 Apr 2024 18:45
 Operator : SY/MD
 Sample : P2032-18MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:51:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74532	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	63387	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	31013	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.809	46	155122	52.088	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	4.249	84	135706	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.944	65	64877	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.960	84	251659	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	80739	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.243	98	233067	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.558	79	27438	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.027	63	120162	46.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.500%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	64551	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	80490	4.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	98451	5.531	ug/L	100
3) Chloromethane	1.214	50	113983	5.490	ug/L	100
5) Vinyl chloride	1.281	62	109798	5.391	ug/L	100
6) Bromomethane	1.487	94	48215	4.131	ug/L	98
8) Chloroethane	1.548	64	67439	5.378	ug/L	95
9) Trichlorofluoromethane	1.712	101	134253	5.533	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	79242	5.319	ug/L	98
12) 1,1-Dichloroethene	2.069	96	75436	5.284	ug/L	86
13) Acetone	2.140	43	122645	61.114	ug/L	72
14) Carbon disulfide	2.240	76	245304	5.448	ug/L	99
15) Methyl Acetate	2.388	43	27995	5.296	ug/L	94
16) Methylene chloride	2.445	84	80518	4.479	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	169634	5.265	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	77647	5.323	ug/L	99
19) 1,1-Dichloroethane	3.111	63	157872	5.381	ug/L	99
21) 2-Butanone	3.892	43	171687	52.268	ug/L #	65
22) cis-1,2-Dichloroethene	3.815	96	81524	5.436	ug/L	97
23) Bromochloromethane	4.149	128	35977	5.304	ug/L	92
25) Chloroform	4.275	83	153450	5.380	ug/L	98

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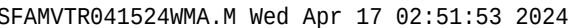
Instrument :
 MSVOA_V
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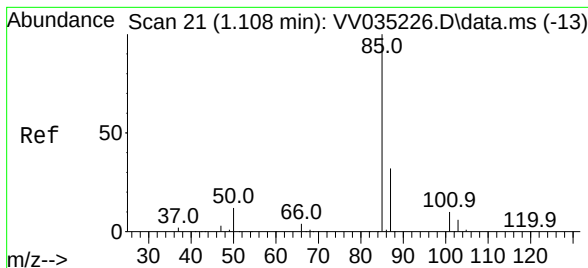
Quant Time: Apr 17 02:51:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	93504	5.590	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	127317	5.114	ug/L	100
30) Cyclohexane	4.584	56	117448	4.951	ug/L	98
31) Carbon tetrachloride	4.735	117	109118	5.136	ug/L	98
33) Benzene	5.008	78	323728	5.205	ug/L	100
34) Trichloroethene	5.834	95	81307	4.970	ug/L	99
35) Methylcyclohexane	6.050	83	122099	4.955	ug/L	99
37) 1,2-Dichloropropane	6.092	63	86357	5.251	ug/L	99
38) Bromodichloromethane	6.432	83	103347	5.161	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	109083	4.990	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	444673	51.319	ug/L	98
42) Toluene	7.313	91	338889	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	87476	4.949	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	58229	5.102	ug/L	97
47) Tetrachloroethene	7.905	164	67487	5.200	ug/L	97
48) 2-Hexanone	8.075	43	328519	51.251	ug/L	99
49) Dibromochloromethane	8.175	129	61551	5.222	ug/L	99
50) 1,2-Dibromoethane	8.284	107	56514	5.273	ug/L	95
51) Chlorobenzene	8.812	112	217037	5.199	ug/L	98
52) Ethylbenzene	8.947	91	353780	5.119	ug/L	99
53) m,p-Xylene	9.072	106	132813	5.216	ug/L	99
54) o-Xylene	9.477	106	125041	5.088	ug/L	94
55) Styrene	9.497	104	217906	5.270	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	72236	5.165	ug/L	99
59) Bromoform	9.664	173	29204	4.866	ug/L	100
60) Isopropylbenzene	9.866	105	334396	5.167	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	50878	5.030	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	258610	4.948	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	266056	5.152	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	167204	5.133	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	170166	5.001	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	153235	5.066	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9785	4.900	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	121727	4.924	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	95591	4.636	ug/L	100
71) Naphthalene	13.439	128	121021	4.084	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	88414	4.830	ug/L	99

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

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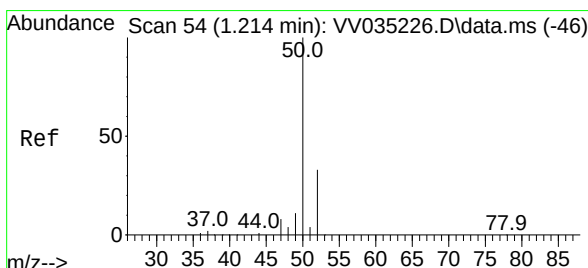
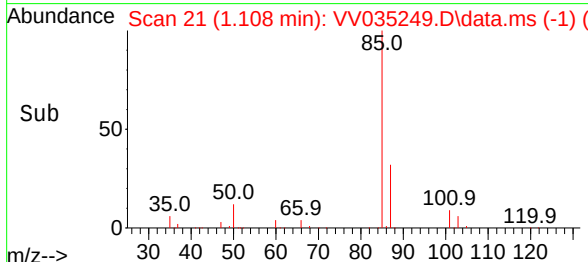
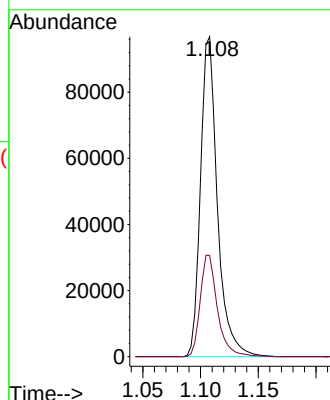
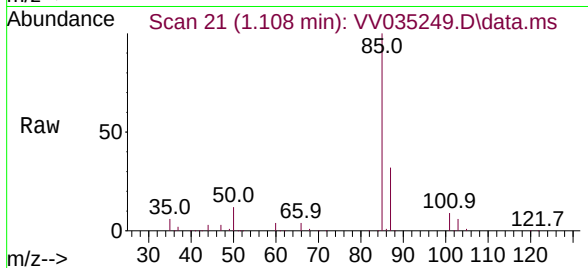




#2
 Dichlorodifluoromethane
 Concen: 5.531 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

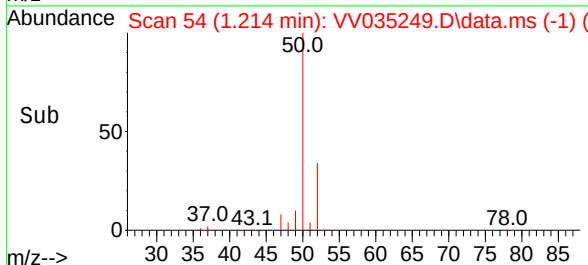
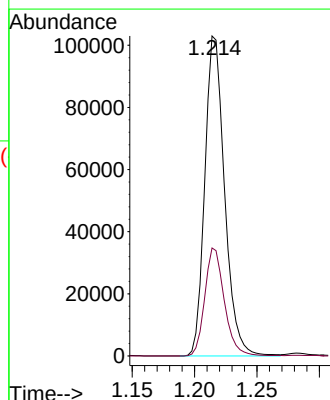
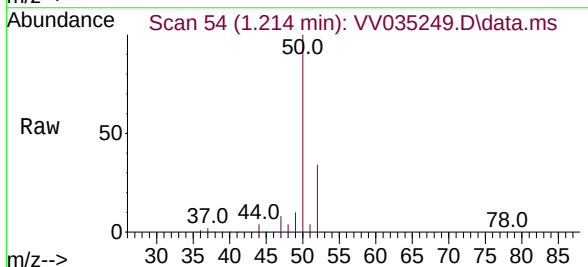
Instrument :
 MSVOA_V
 ClientSampleId :

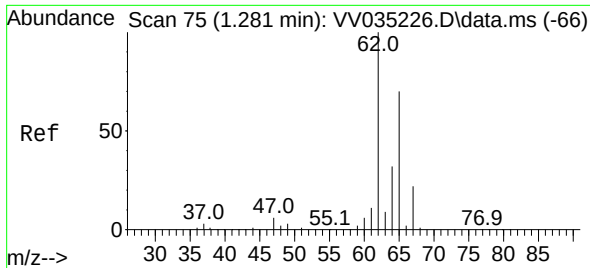
Tgt Ion: 85 Resp: 98451
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 5.490 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

Tgt Ion: 50 Resp: 113983
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9

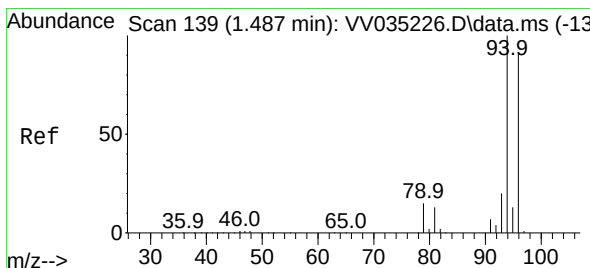
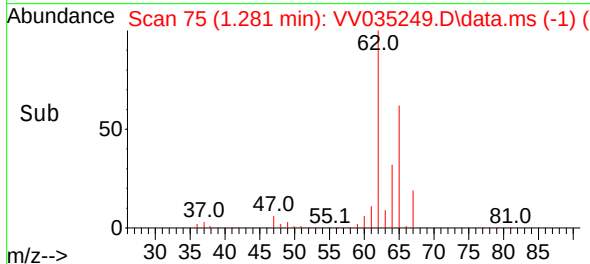
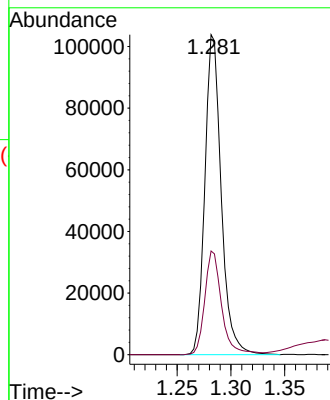
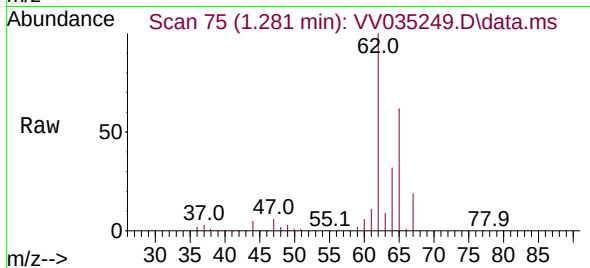




#5
 Vinyl chloride
 Concen: 5.391 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

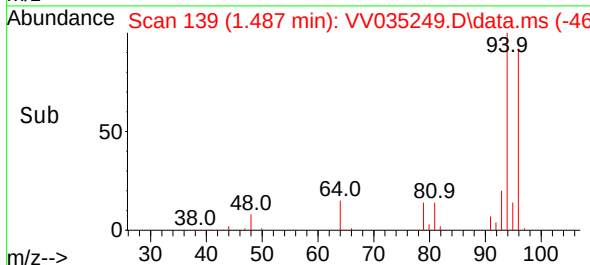
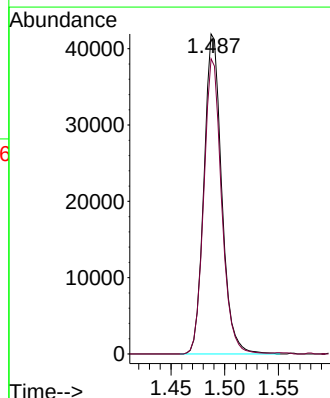
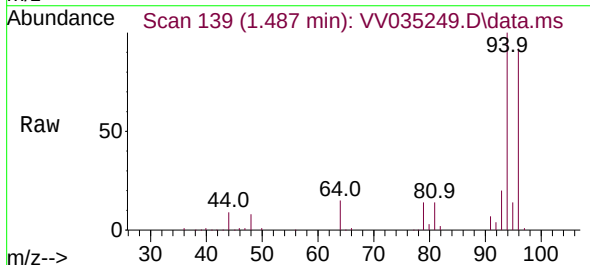
Instrument :
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 ClientSampleId :

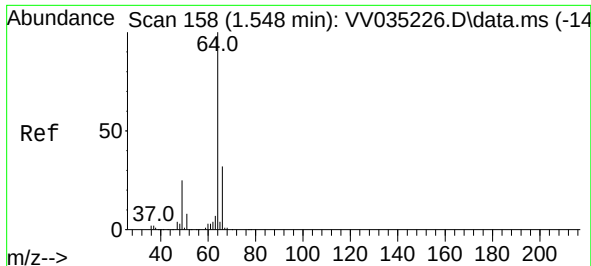
Tgt Ion: 62 Resp: 109798
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.131 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

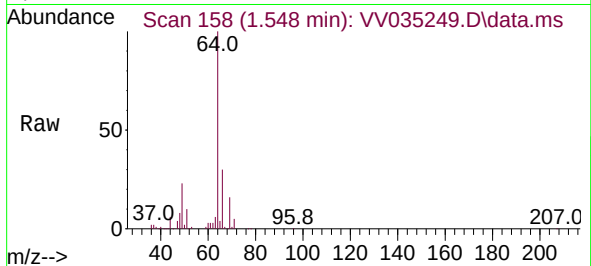
Tgt Ion: 94 Resp: 48215
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.7 122.1



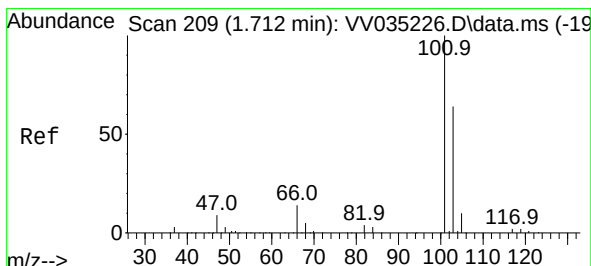
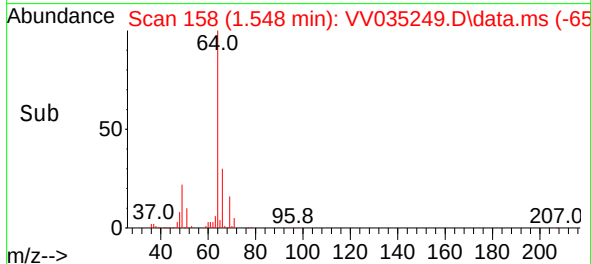
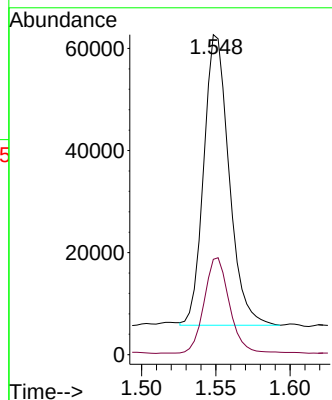


#8
Chloroethane
Concen: 5.378 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

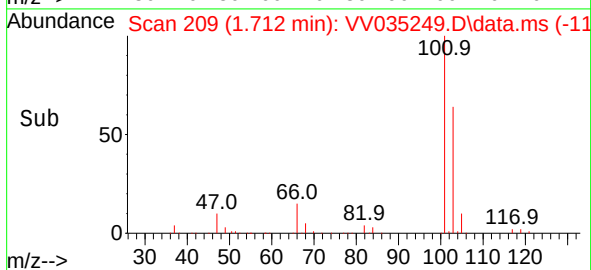
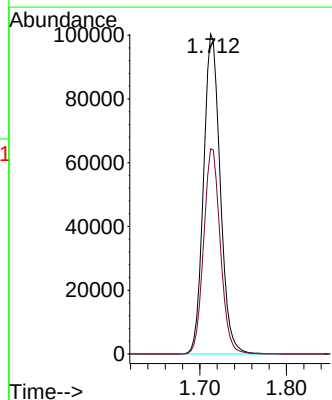
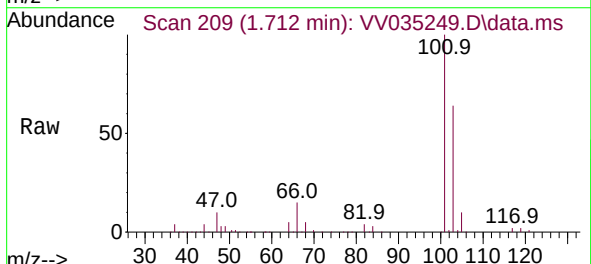


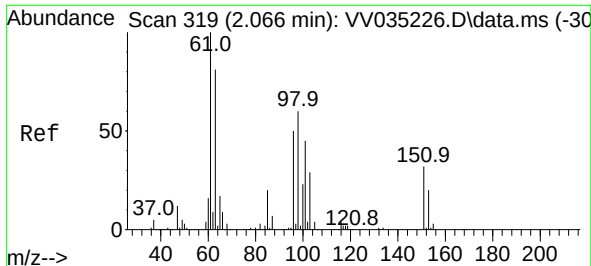
Tgt Ion: 64 Resp: 67439
Ion Ratio Lower Upper
64 100
66 29.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.533 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 101 Resp: 134253
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2





#10

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

Concen: 5.319 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

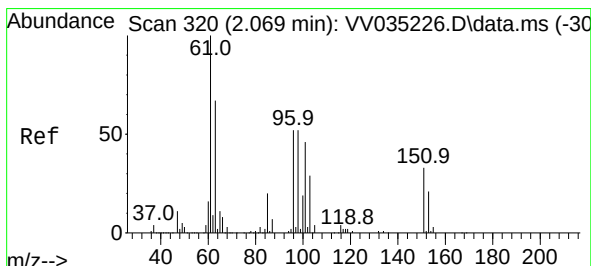
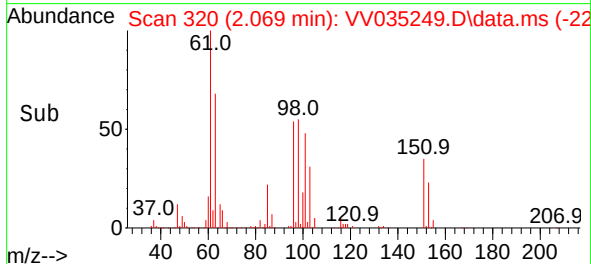
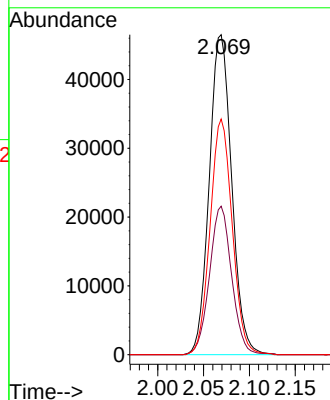
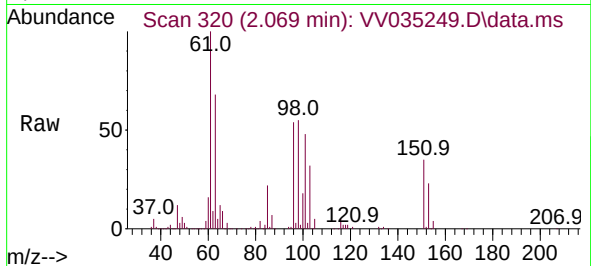
Tgt Ion:101 Resp: 79242

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

151 72.6 56.2 84.2



#12

1,1-Dichloroethene

Concen: 5.284 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

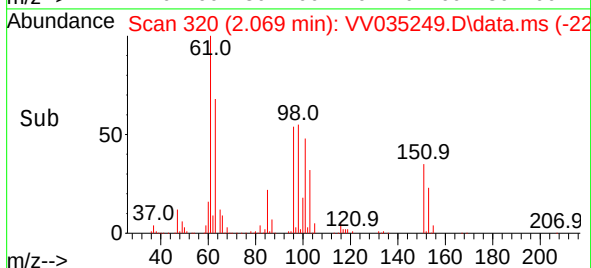
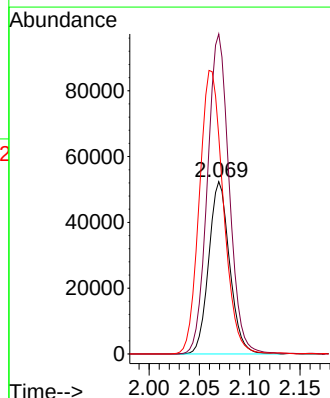
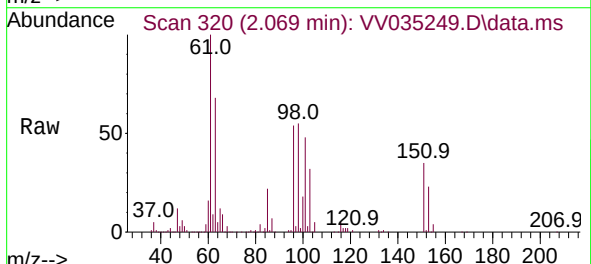
Tgt Ion: 96 Resp: 75436

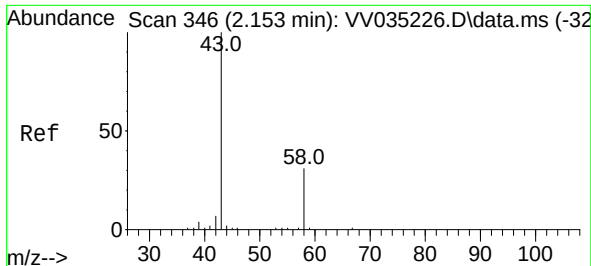
Ion Ratio Lower Upper

96 100

61 185.7 133.5 247.9

63 126.4 112.5 208.9





#13

Acetone

Concen: 61.114 ug/L

RT: 2.140 min Scan# 346

Delta R.T. -0.013 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

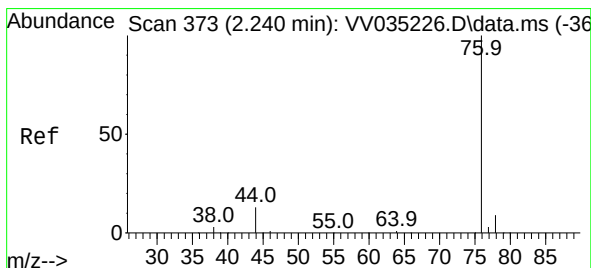
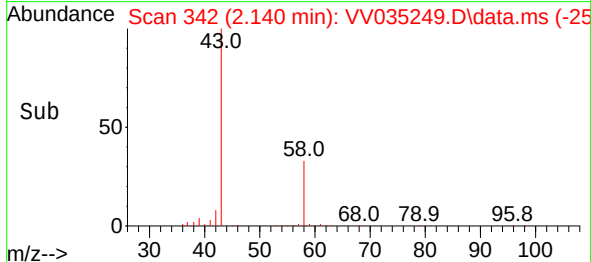
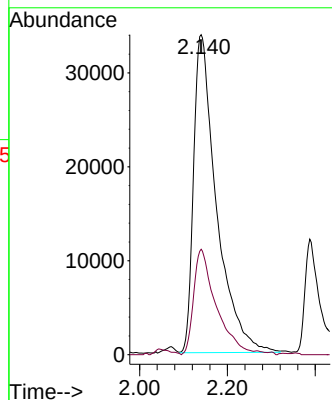
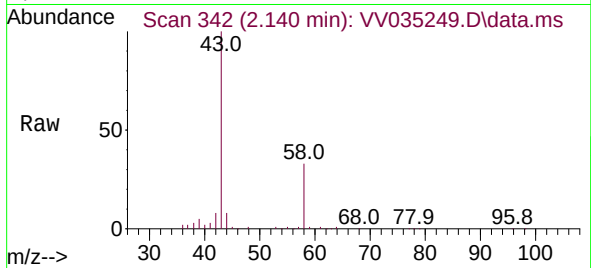
ClientSampleId :

Tgt Ion: 43 Resp: 122645

Ion Ratio Lower Upper

43 100

58 32.4 0.0 39.2



#14

Carbon disulfide

Concen: 5.448 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV035249.D

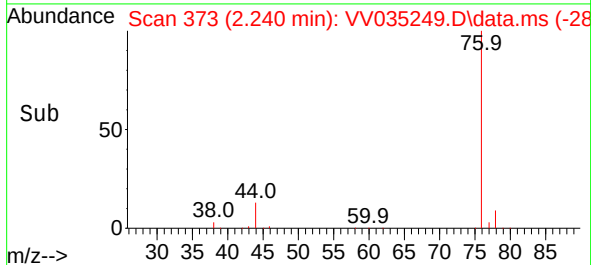
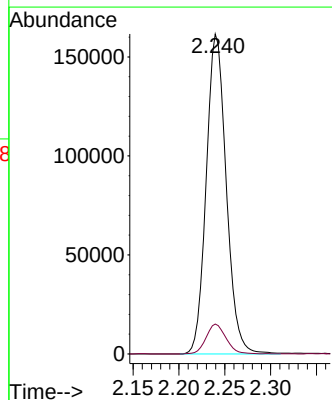
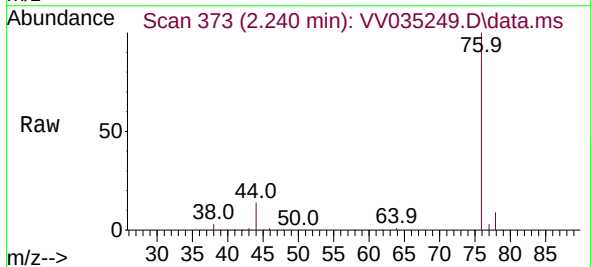
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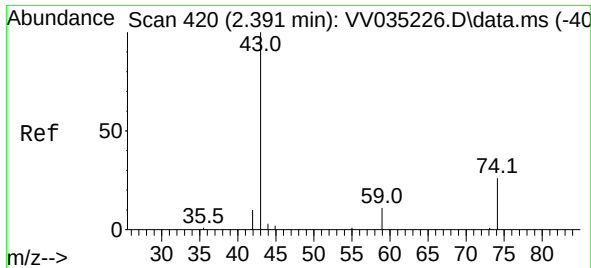
Tgt Ion: 76 Resp: 245304

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

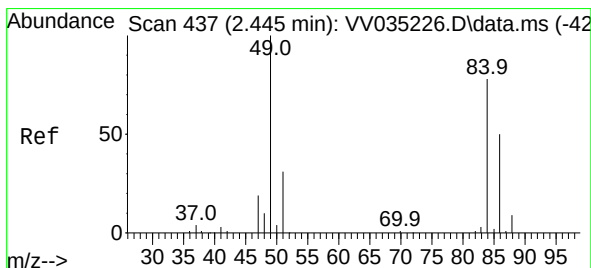
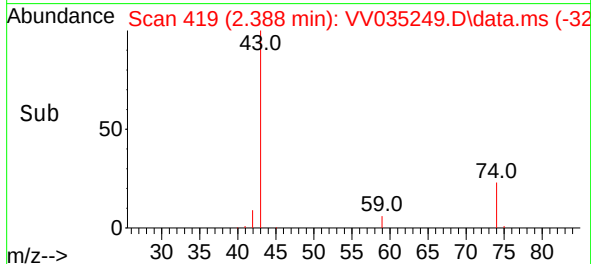
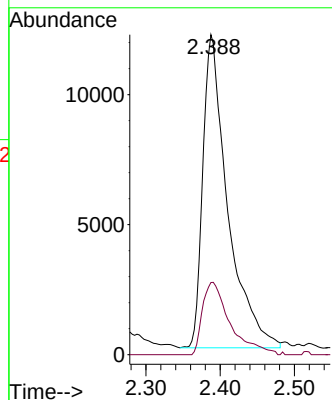
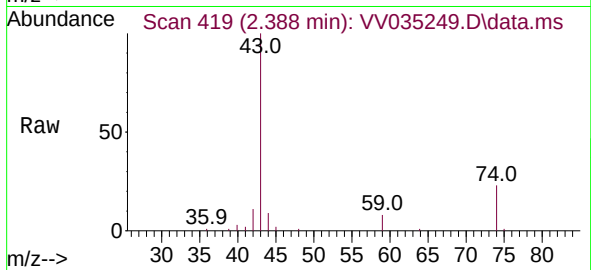




#15
Methyl Acetate
Concen: 5.296 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

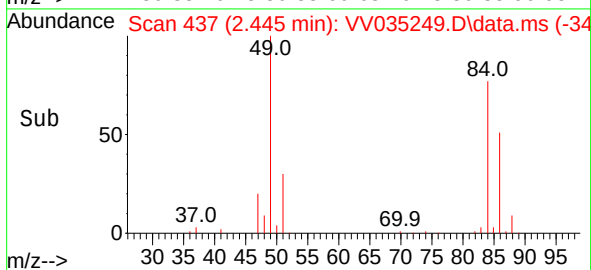
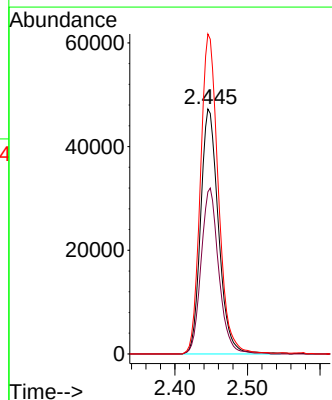
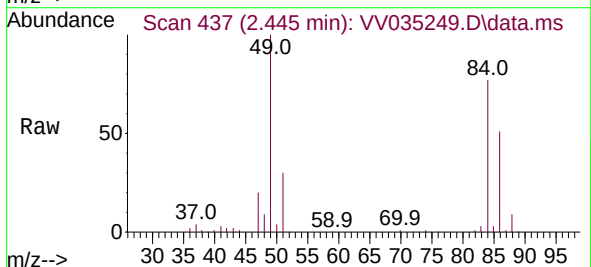
Instrument :
MSVOA_V
ClientSampleId :

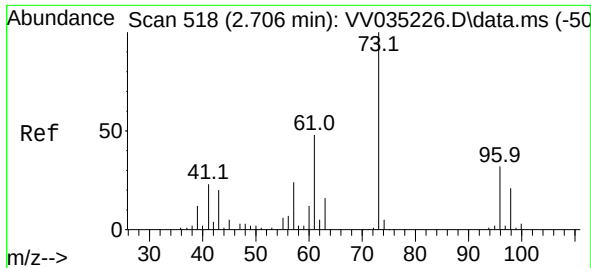
Tgt Ion: 43 Resp: 27995
Ion Ratio Lower Upper
43 100
74 25.6 18.3 27.5



#16
Methylene chloride
Concen: 4.479 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 84 Resp: 80518
Ion Ratio Lower Upper
84 100
86 66.2 45.6 84.6
49 130.6 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 5.265 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

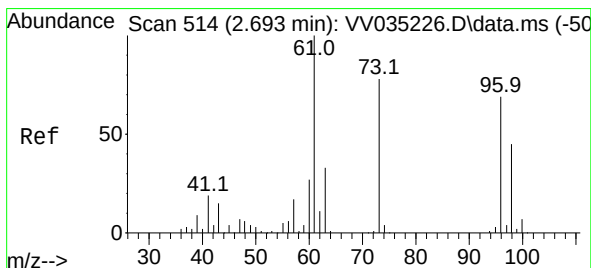
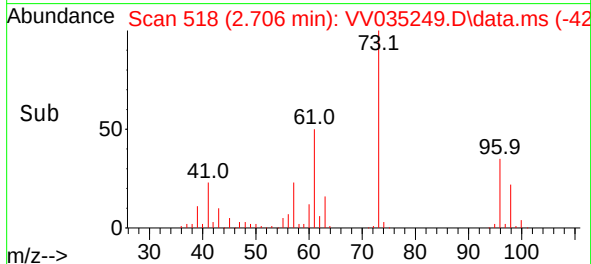
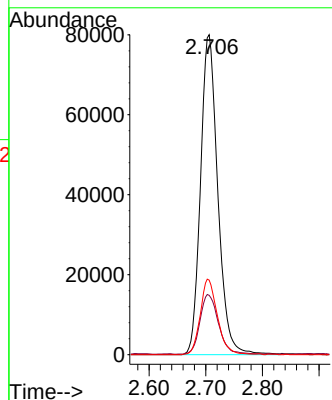
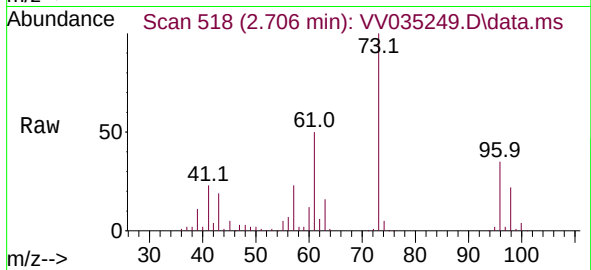
Tgt Ion: 73 Resp: 169634

Ion Ratio Lower Upper

73 100

43 19.9 15.7 23.5

57 23.3 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.323 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

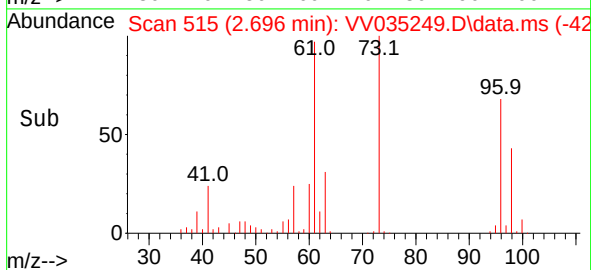
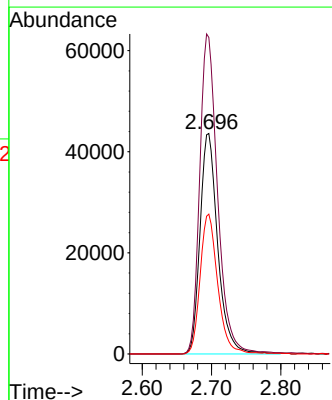
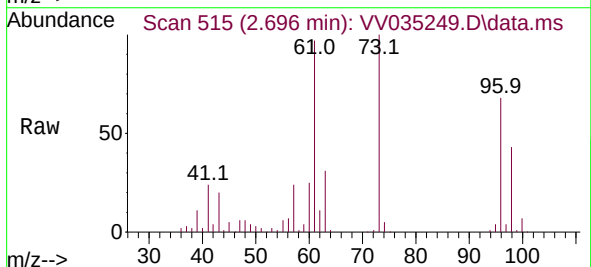
Tgt Ion: 96 Resp: 77647

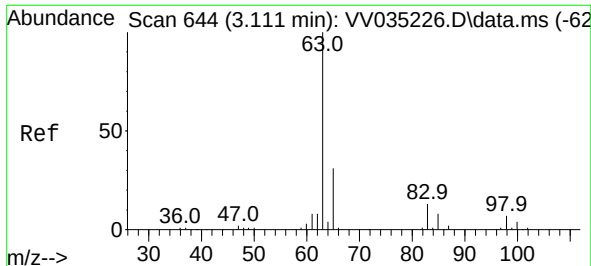
Ion Ratio Lower Upper

96 100

61 143.5 101.8 189.2

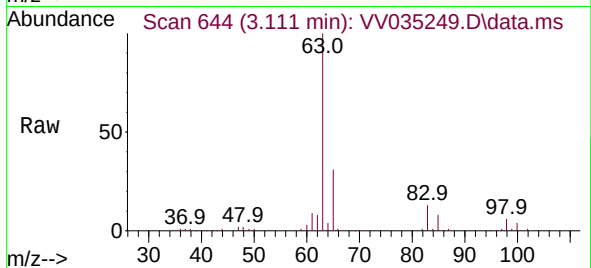
98 63.4 44.7 82.9



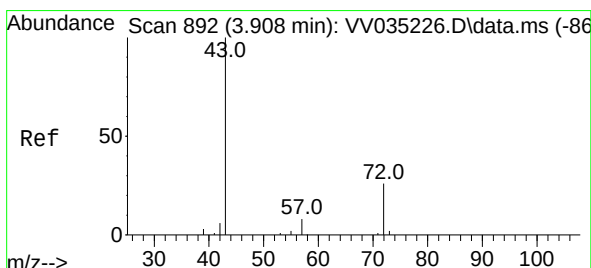
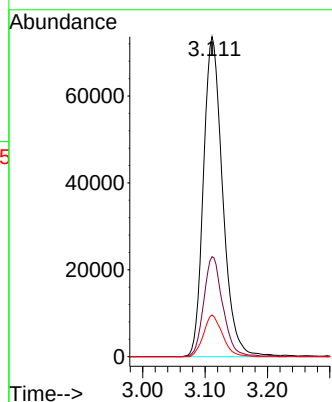
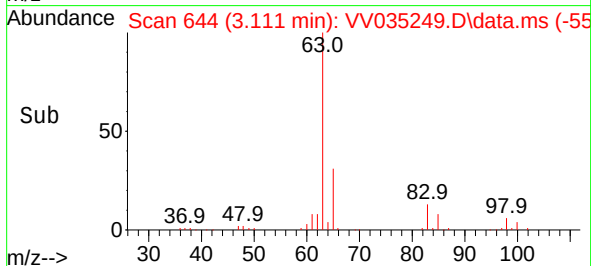


#19
1,1-Dichloroethane
Concen: 5.381 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

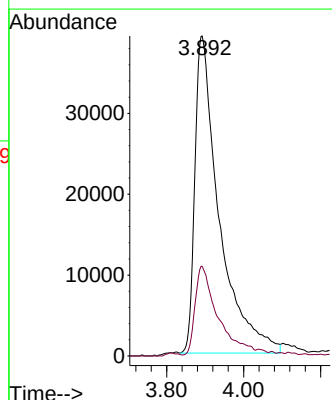
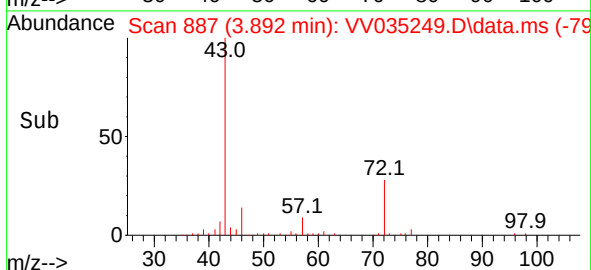
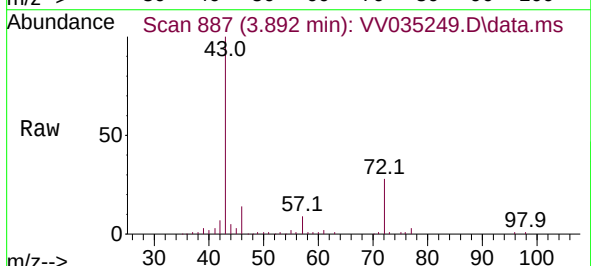


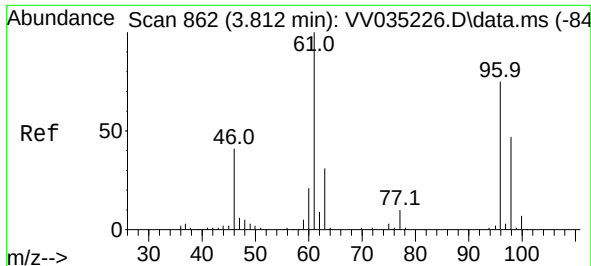
Tgt Ion: 63 Resp: 157872
Ion Ratio Lower Upper
63 100
65 31.2 22.2 41.2
83 13.1 9.4 17.4



#21
2-Butanone
Concen: 52.268 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.016 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 43 Resp: 171687
Ion Ratio Lower Upper
43 100
72 26.1 6.3 18.8#

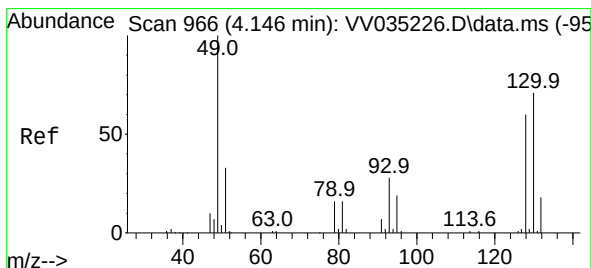
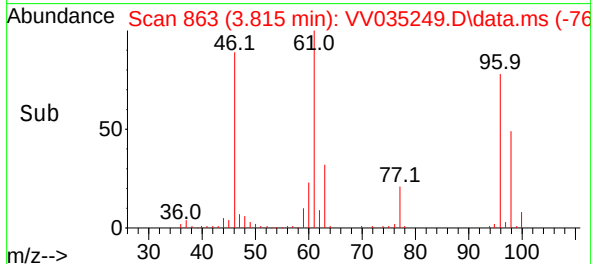
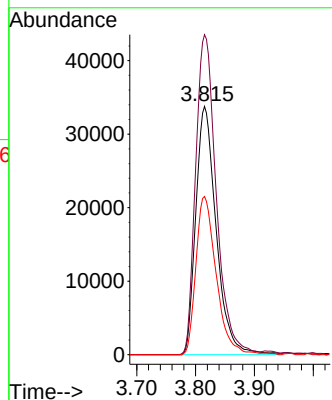
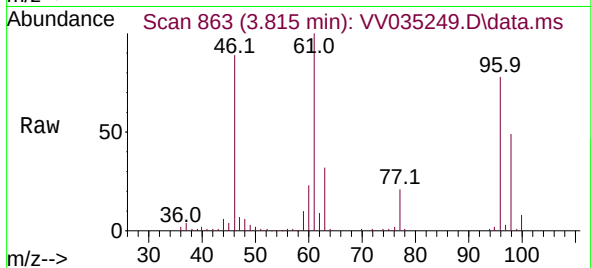




#22
cis-1,2-Dichloroethene
Concen: 5.436 ug/L
RT: 3.815 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

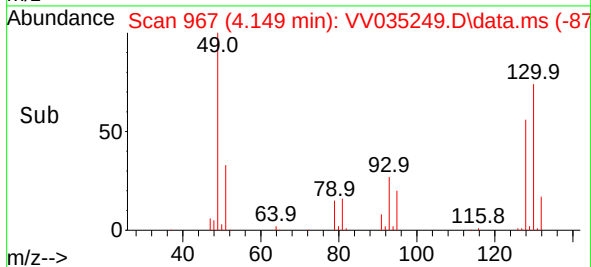
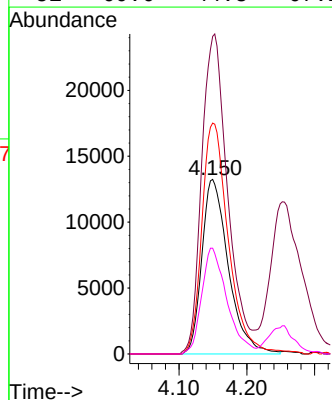
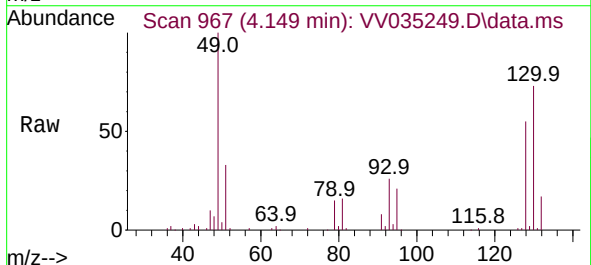
Instrument :
MSVOA_V
ClientSampleId :

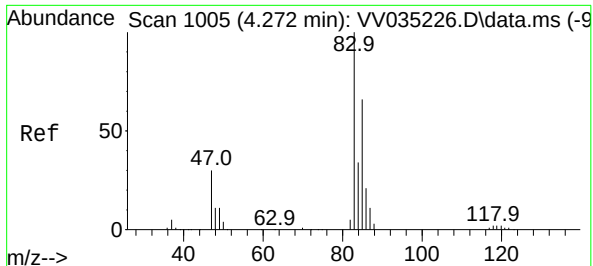
Tgt Ion: 96 Resp: 81524
Ion Ratio Lower Upper
96 100
61 128.8 92.8 172.4
98 63.7 45.5 84.5



#23
Bromochloromethane
Concen: 5.304 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion:128 Resp: 35977
Ion Ratio Lower Upper
128 100
49 182.0 119.8 222.4
130 132.3 85.2 158.2
51 60.6 44.8 67.2





#25

Chloroform

Concen: 5.380 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

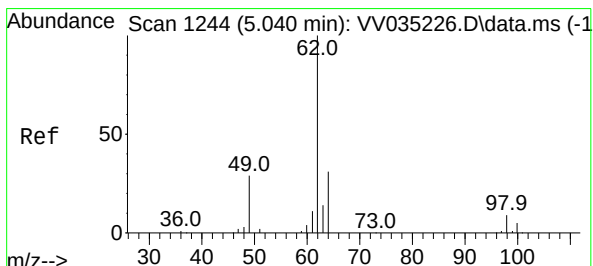
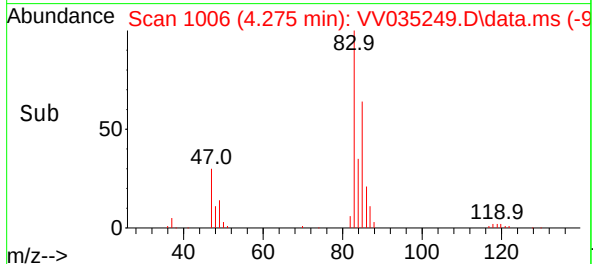
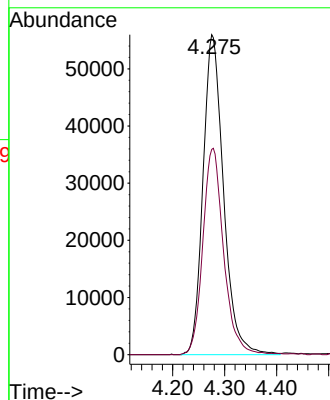
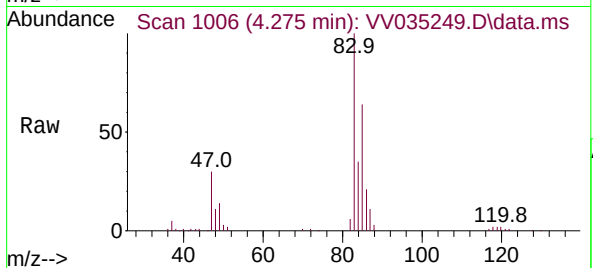
ClientSampleId :

Tgt Ion: 83 Resp: 153450

Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.590 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV035249.D

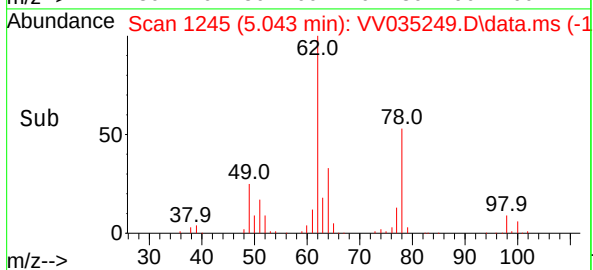
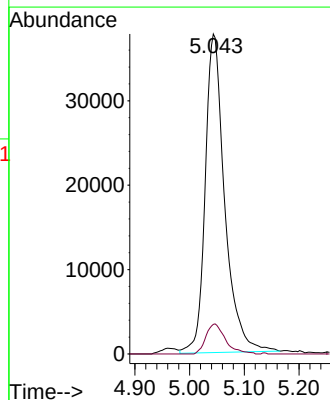
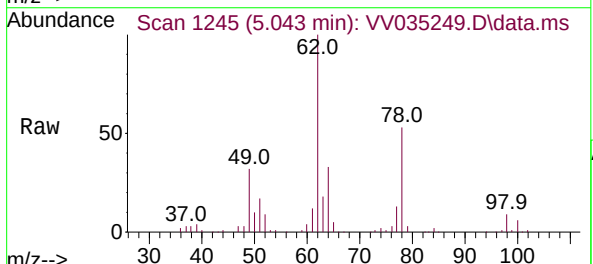
Acq: 16 Apr 2024 18:45

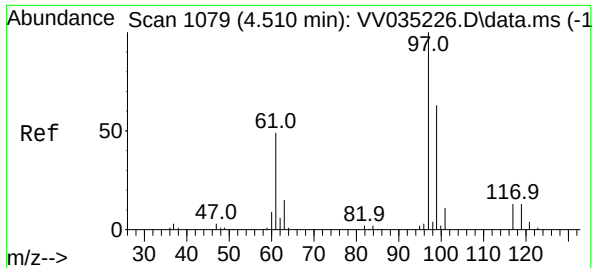
Tgt Ion: 62 Resp: 93504

Ion Ratio Lower Upper

62 100

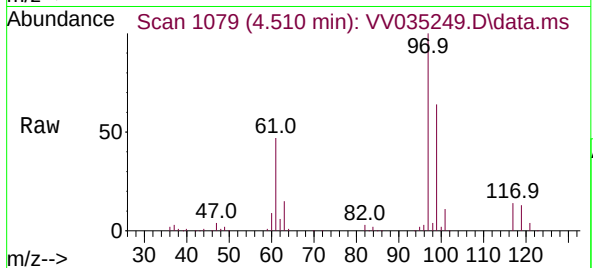
98 9.2 7.3 10.9



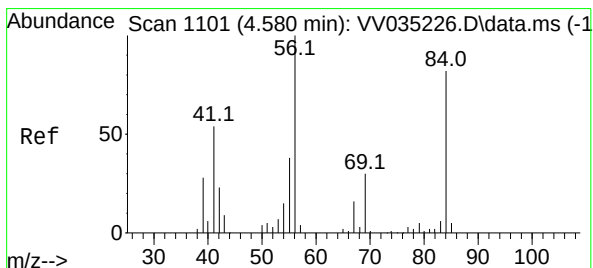
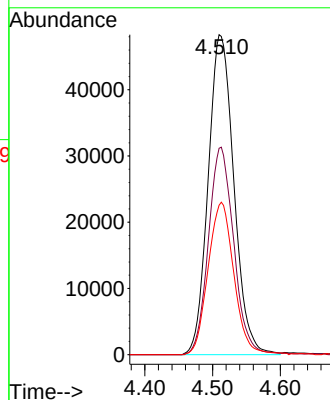
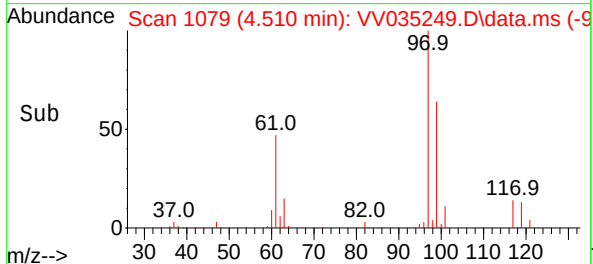


#29
1,1,1-Trichloroethane
Concen: 5.114 ug/L
RT: 4.510 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

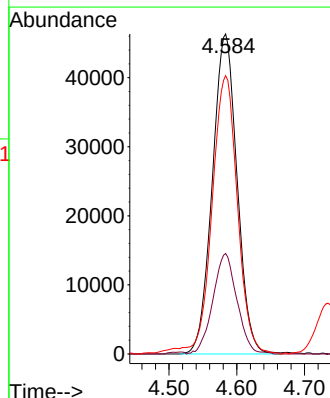
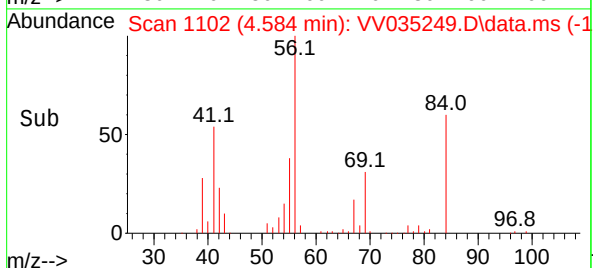
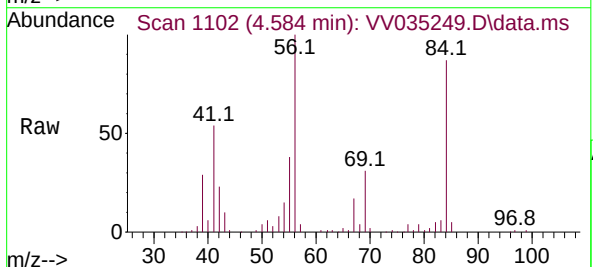


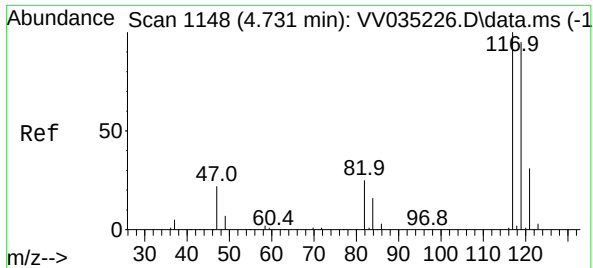
Tgt Ion: 97 Resp: 127317
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 47.9 38.3 57.5



#30
Cyclohexane
Concen: 4.951 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 56 Resp: 117448
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 88.6 69.4 104.2

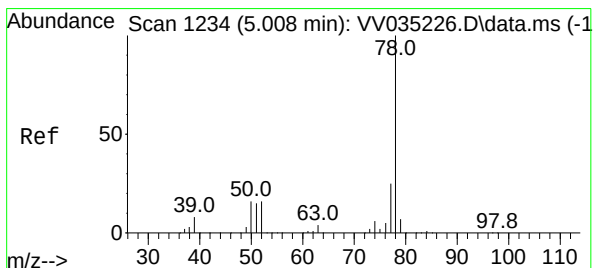
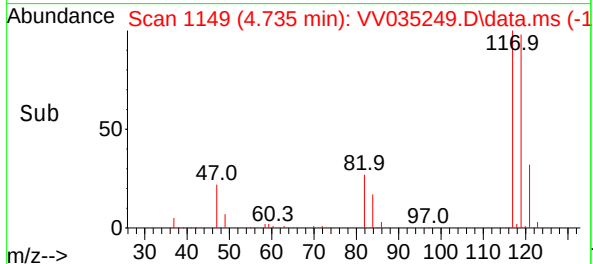
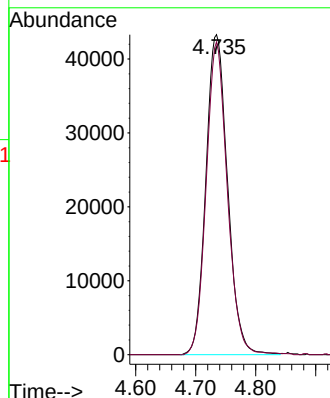
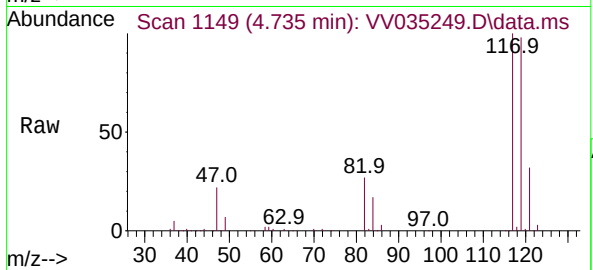




#31
Carbon tetrachloride
Concen: 5.136 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

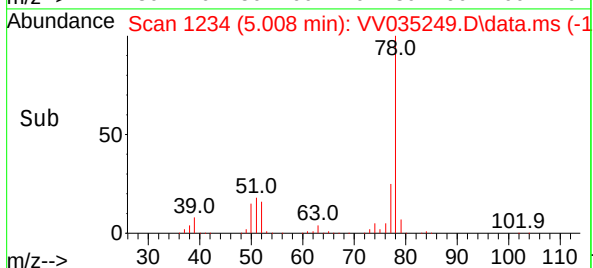
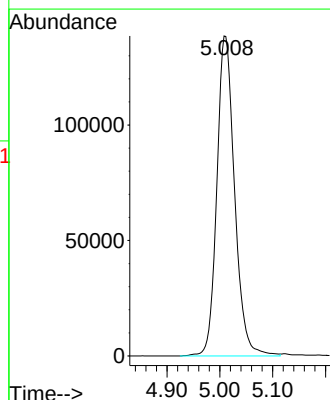
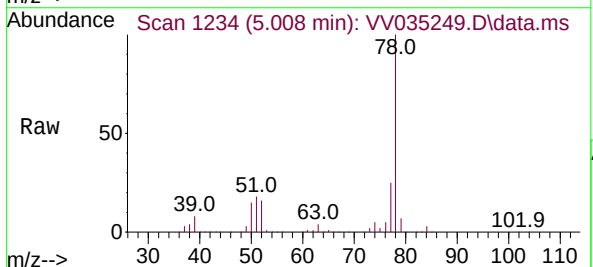
Instrument :
MSVOA_V
ClientSampleId :

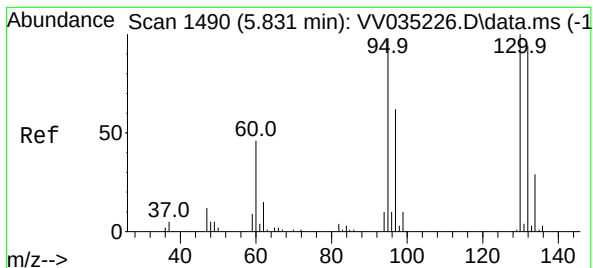
Tgt Ion:117 Resp: 109118
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6



#33
Benzene
Concen: 5.205 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 78 Resp: 323728





#34

Trichloroethene

Concen: 4.970 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 81307

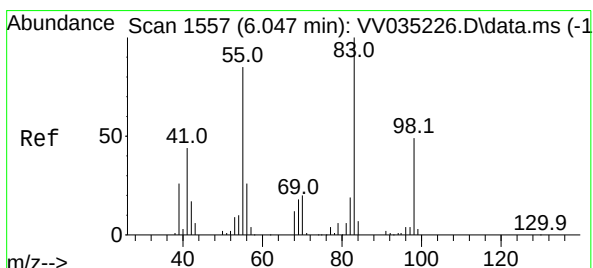
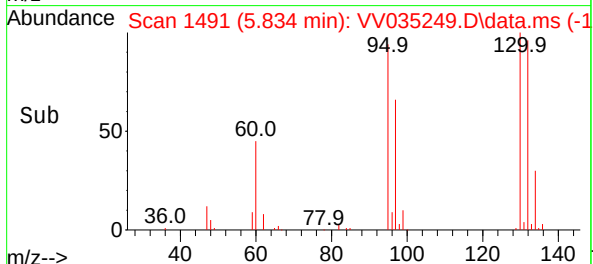
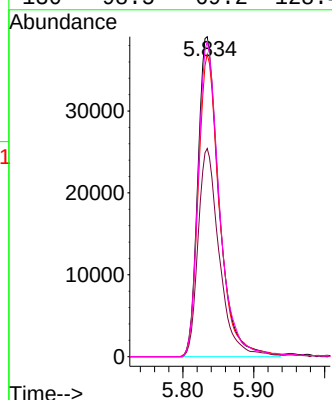
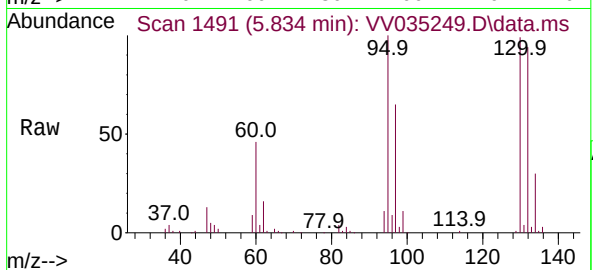
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 94.5 64.8 120.3

130 98.5 69.2 128.4



#35

Methylcyclohexane

Concen: 4.955 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

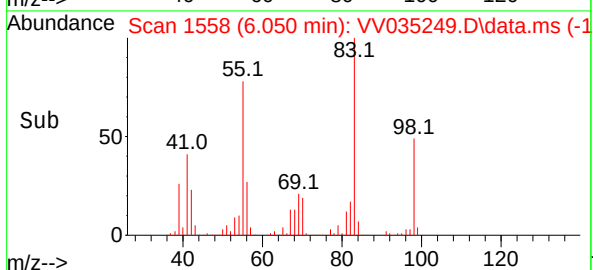
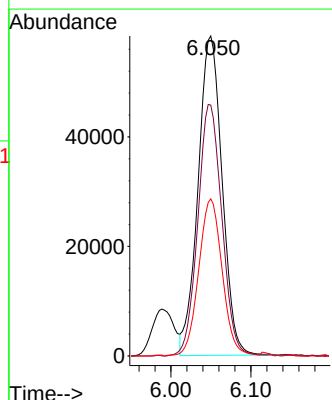
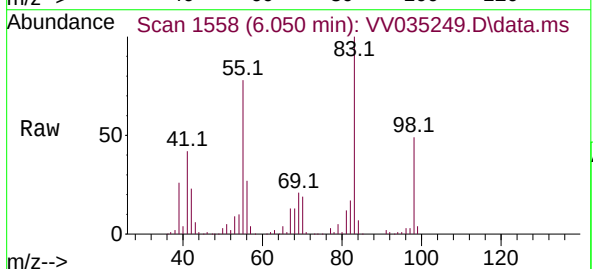
Tgt Ion: 83 Resp: 122099

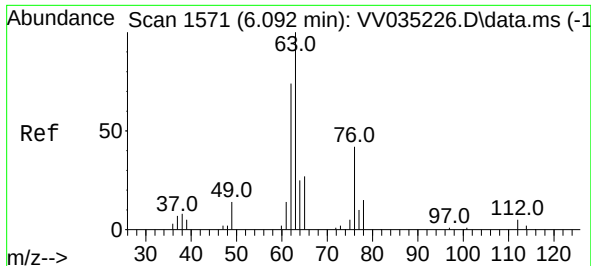
Ion Ratio Lower Upper

83 100

55 78.8 63.8 95.6

98 48.1 37.4 56.2

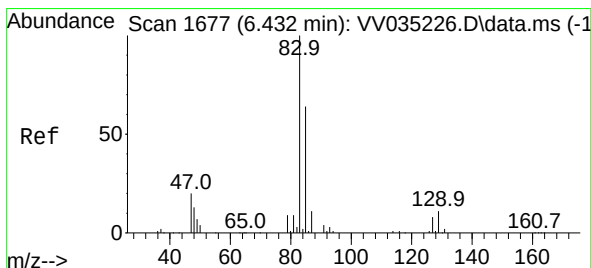
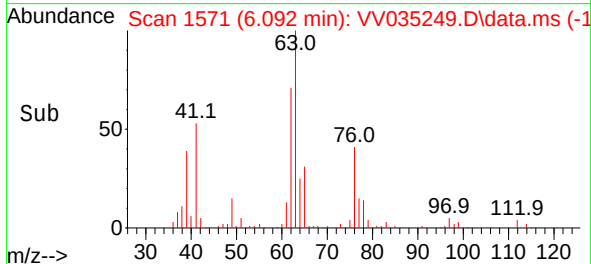
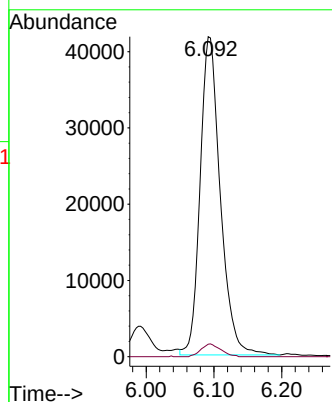
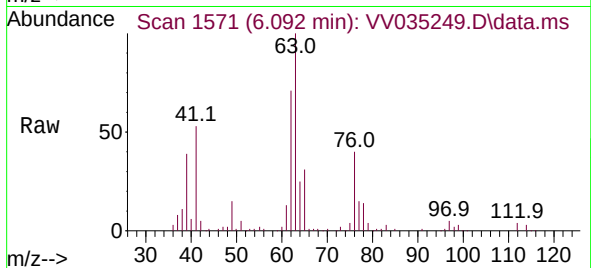




#37
1,2-Dichloropropane
Concen: 5.251 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

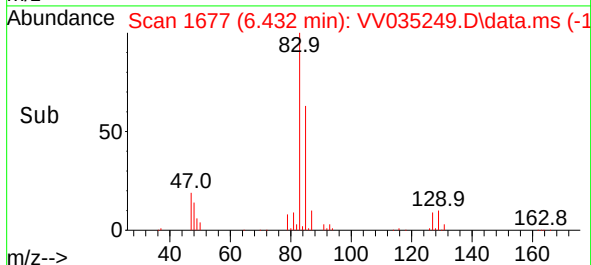
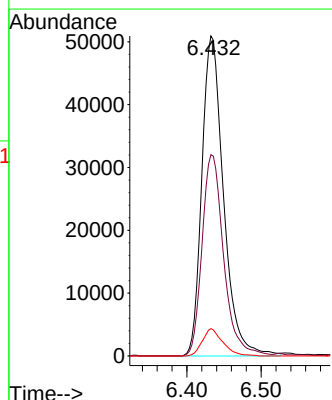
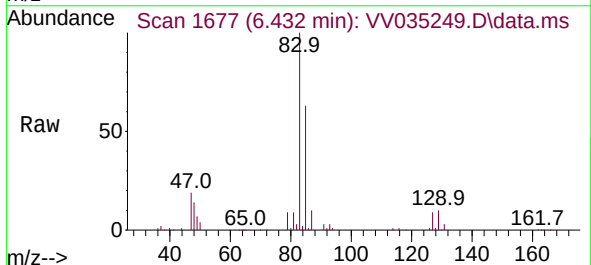
Instrument :
MSVOA_V
ClientSampleId :

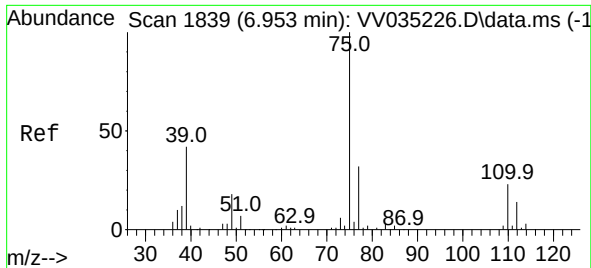
Tgt Ion: 63 Resp: 86357
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 5.161 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 83 Resp: 103347
Ion Ratio Lower Upper
83 100
85 62.9 43.8 81.4
127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.990 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

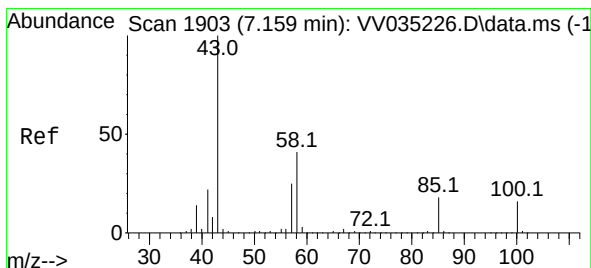
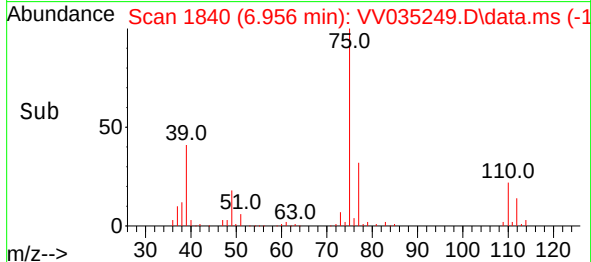
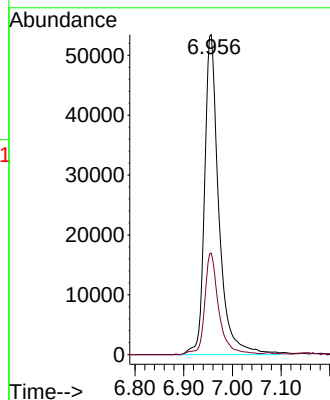
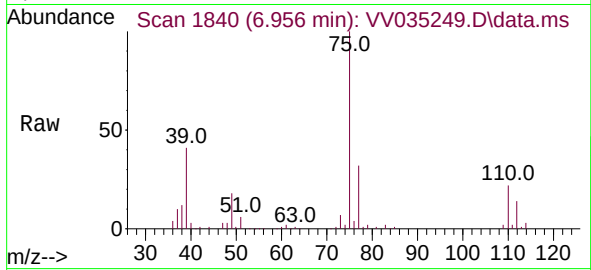
ClientSampleId :

Tgt Ion: 75 Resp: 109083

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 51.319 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

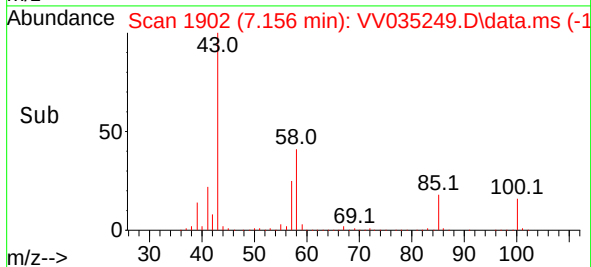
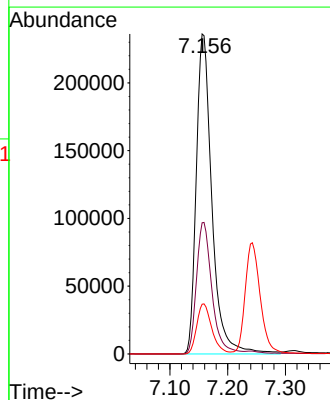
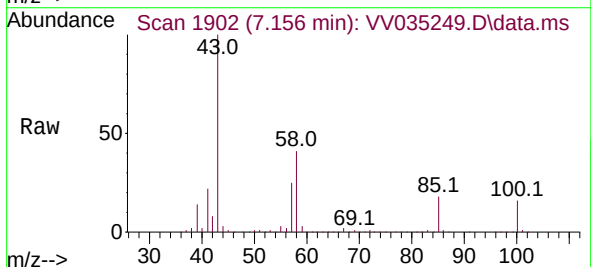
Tgt Ion: 43 Resp: 444673

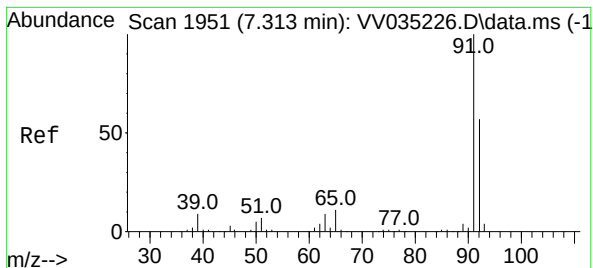
Ion Ratio Lower Upper

43 100

58 40.6 33.4 50.0

100 15.1 10.6 15.8





#42

Toluene

Concen: 5.254 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

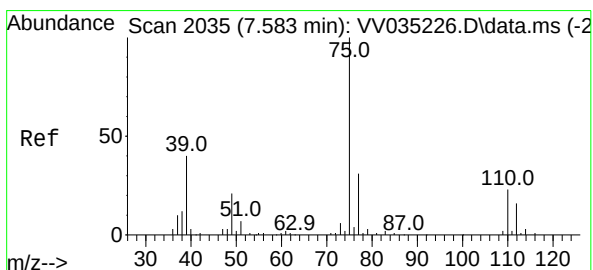
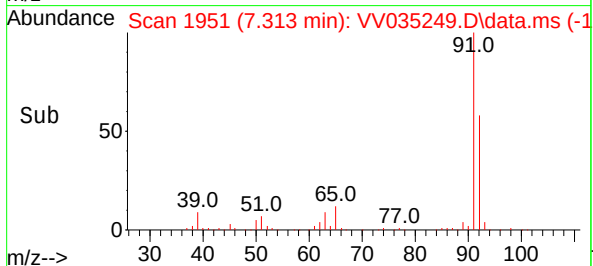
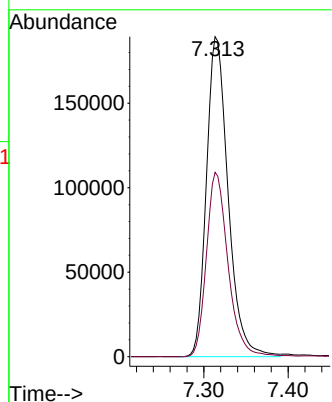
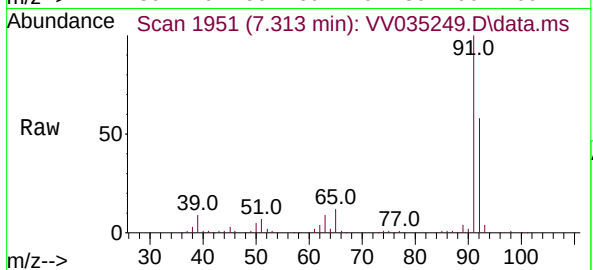
ClientSampleId :

Tgt Ion: 91 Resp: 338889

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.949 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV035249.D

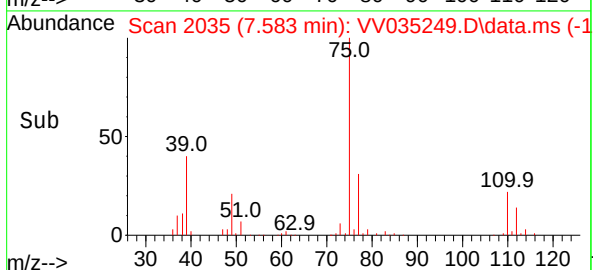
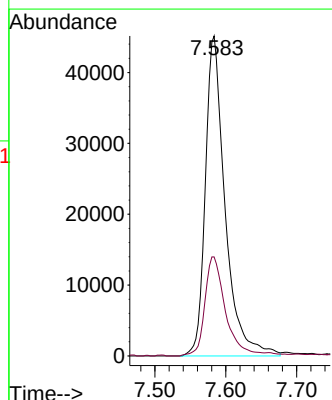
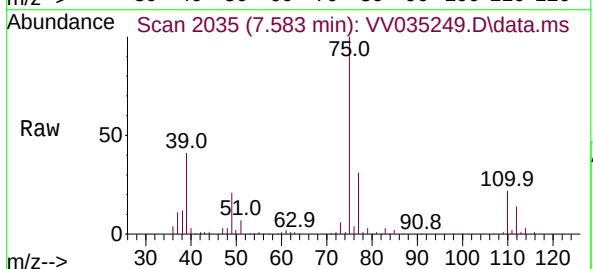
Acq: 16 Apr 2024 18:45

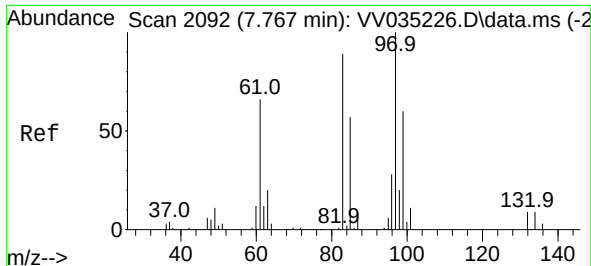
Tgt Ion: 75 Resp: 87476

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 5.102 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 58229

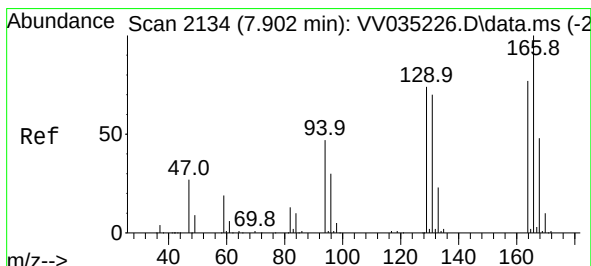
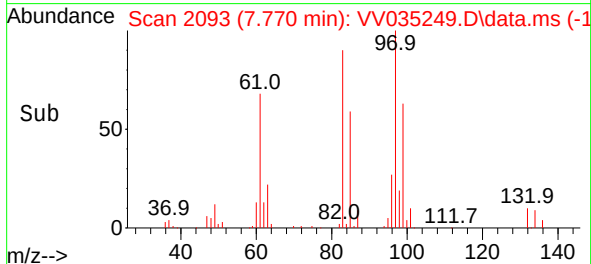
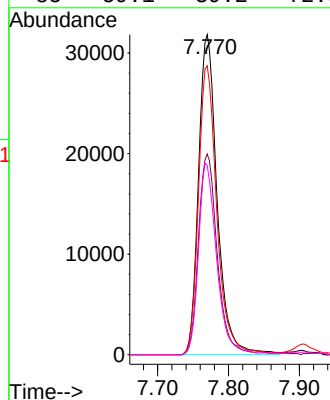
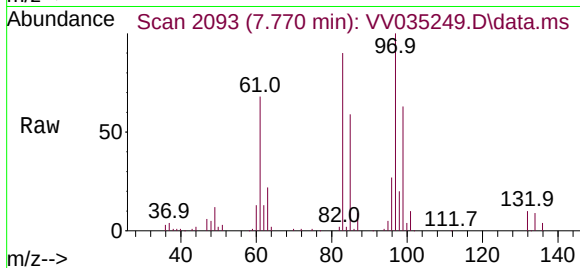
Ion Ratio Lower Upper

97 100

99 62.7 44.2 82.2

83 90.3 60.2 111.8

85 59.1 39.2 72.8



#47

Tetrachloroethene

Concen: 5.200 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Tgt Ion: 164 Resp: 67487

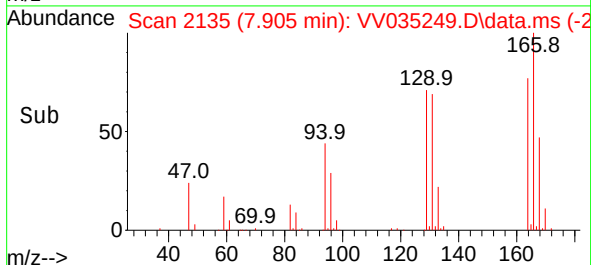
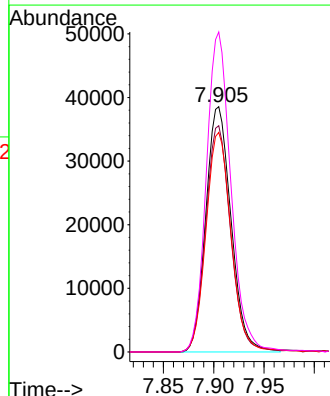
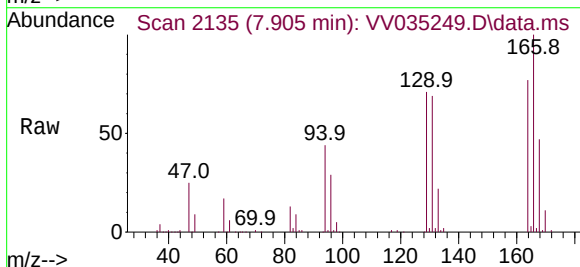
Ion Ratio Lower Upper

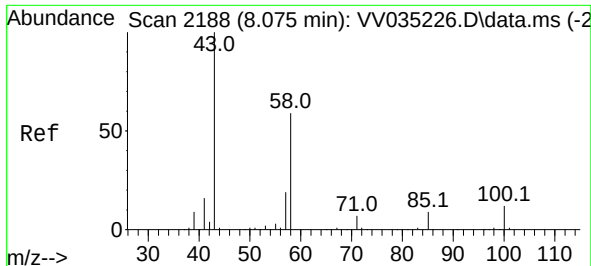
164 100

129 92.2 65.3 121.3

131 89.5 60.9 113.1

166 130.5 87.4 162.4





#48

2-Hexanone

Concen: 51.251 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 328519

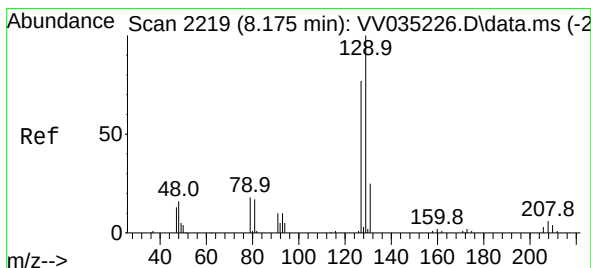
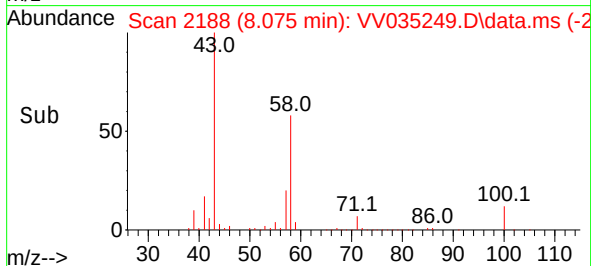
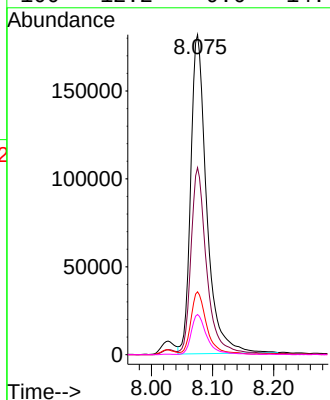
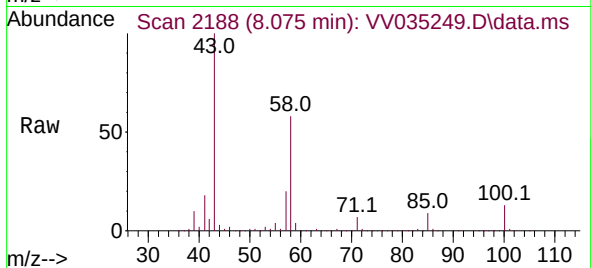
Ion Ratio Lower Upper

43 100

58 57.6 45.2 67.8

57 19.3 15.5 23.3

100 12.2 9.6 14.4



#49

Dibromochloromethane

Concen: 5.222 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035249.D

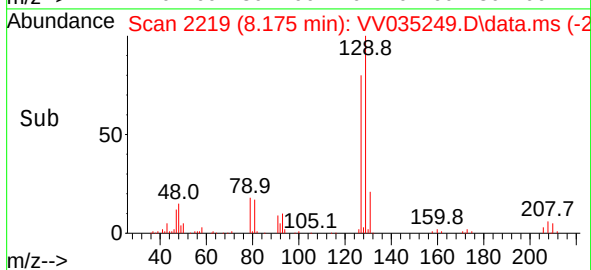
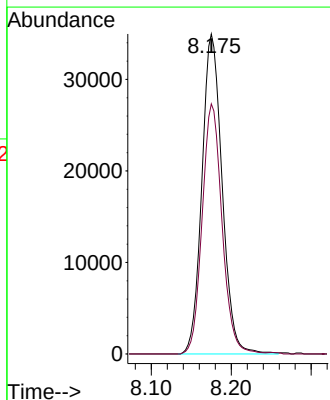
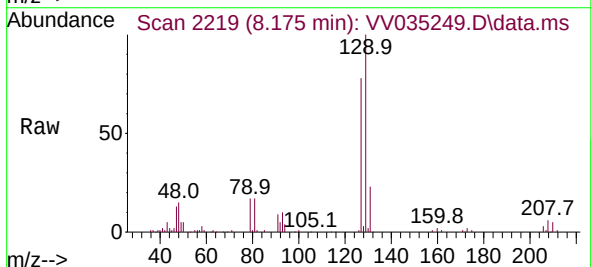
Acq: 16 Apr 2024 18:45

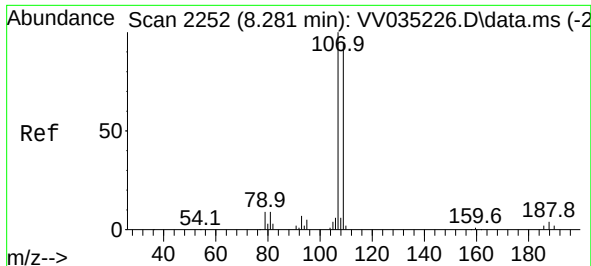
Tgt Ion:129 Resp: 61551

Ion Ratio Lower Upper

129 100

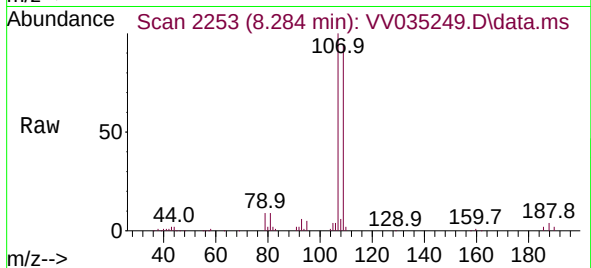
127 78.2 55.2 102.6



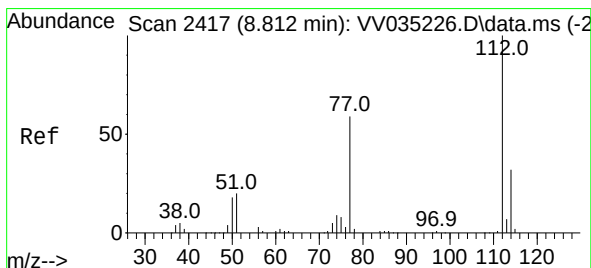
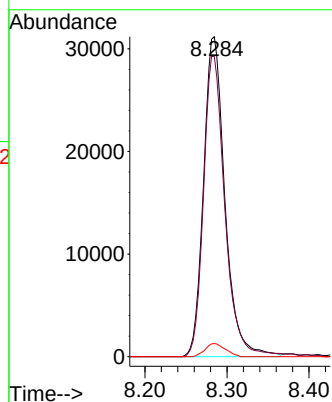
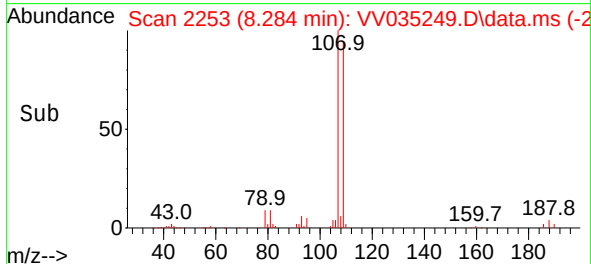


#50
1,2-Dibromoethane
Concen: 5.273 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

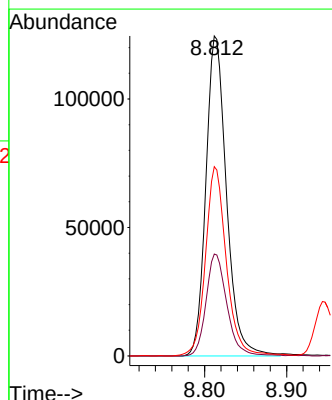
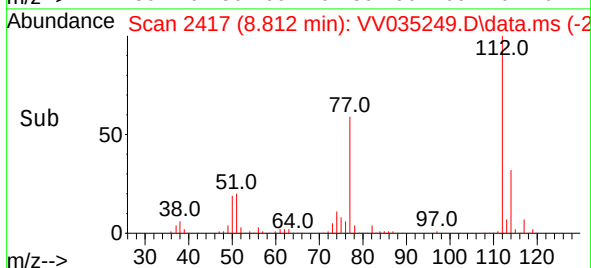
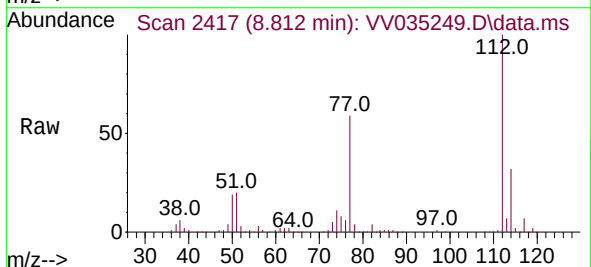


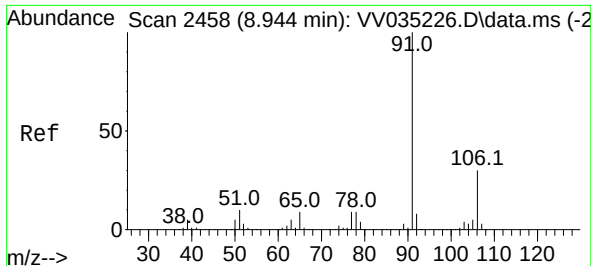
Tgt Ion:107 Resp: 56514
Ion Ratio Lower Upper
107 100
109 93.9 69.1 128.3
188 4.1 2.8 4.2



#51
Chlorobenzene
Concen: 5.199 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion:112 Resp: 217037
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 59.1 49.0 73.6





#52

Ethylbenzene

Concen: 5.119 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

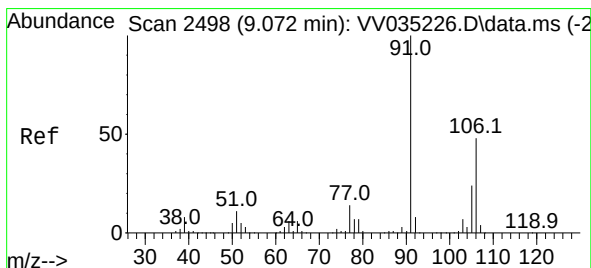
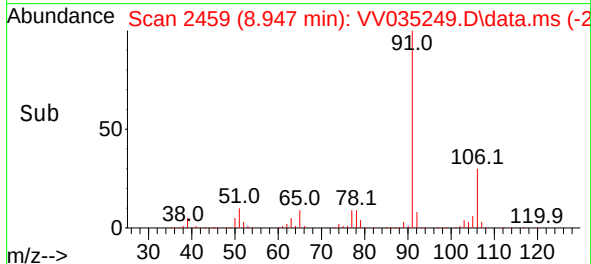
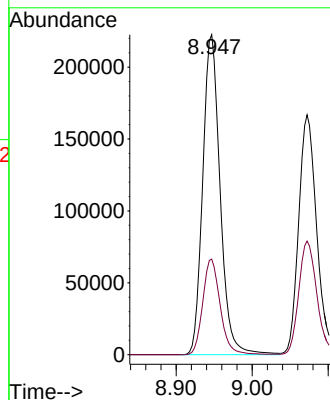
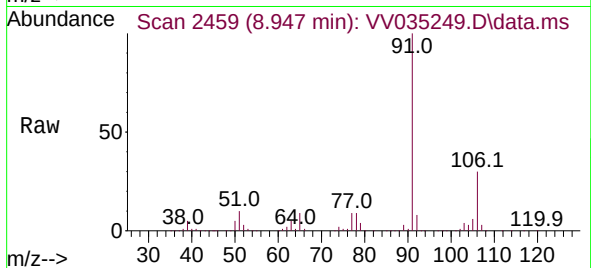
ClientSampleId :

Tgt Ion: 91 Resp: 353780

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5



#53

m,p-Xylene

Concen: 5.216 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV035249.D

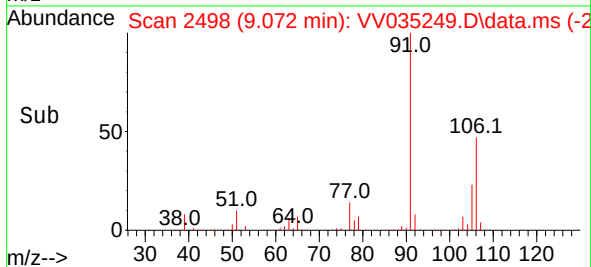
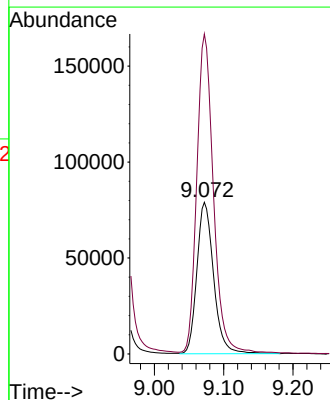
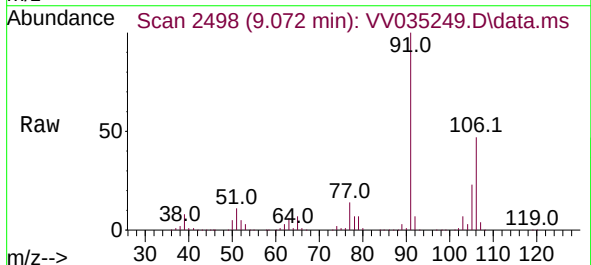
Acq: 16 Apr 2024 18:45

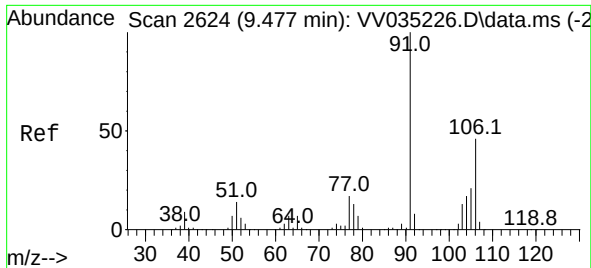
Tgt Ion:106 Resp: 132813

Ion Ratio Lower Upper

106 100

91 211.1 147.1 273.3

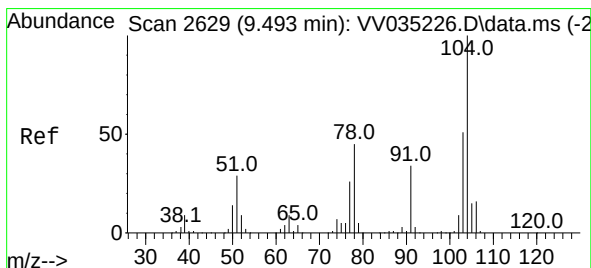
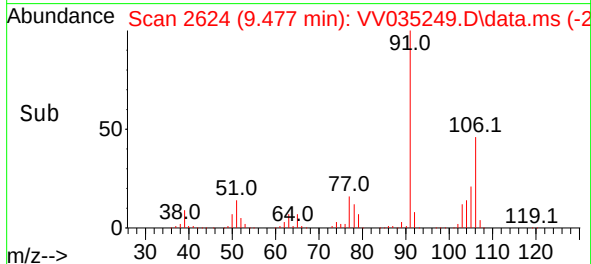
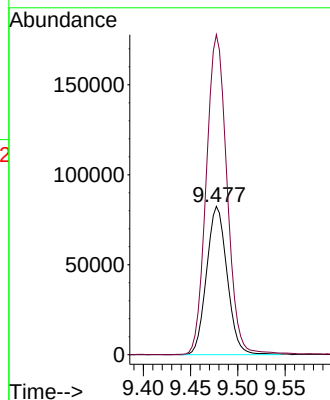
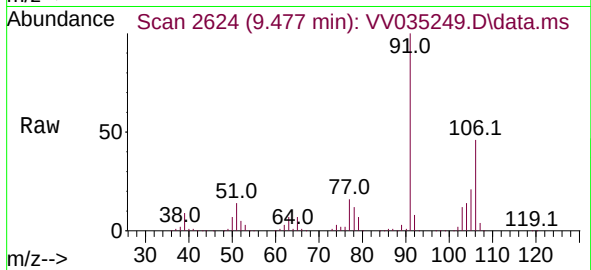




#54
o-Xylene
Concen: 5.088 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

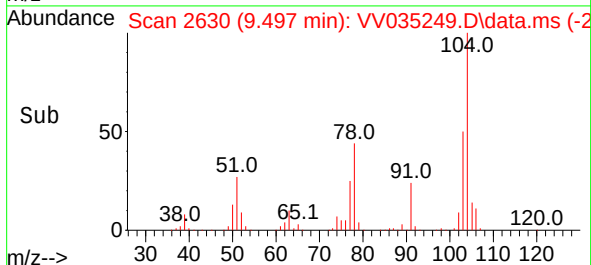
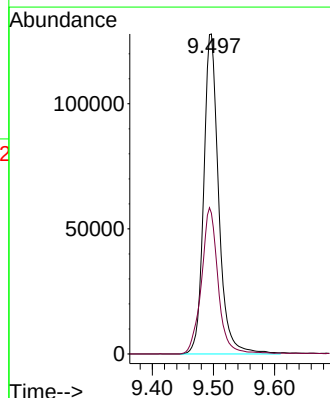
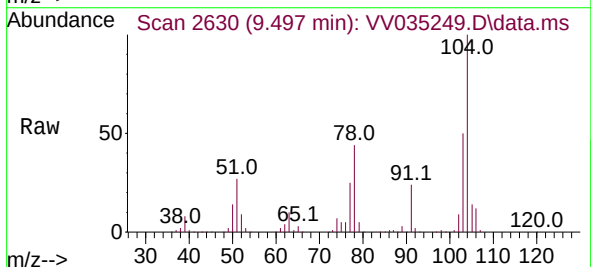
Instrument :
MSVOA_V
ClientSampleId :

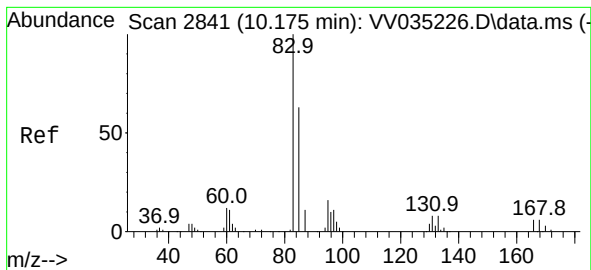
Tgt Ion:106 Resp: 125041
Ion Ratio Lower Upper
106 100
91 215.8 157.7 292.9



#55
Styrene
Concen: 5.270 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion:104 Resp: 217906
Ion Ratio Lower Upper
104 100
78 44.0 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.165 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

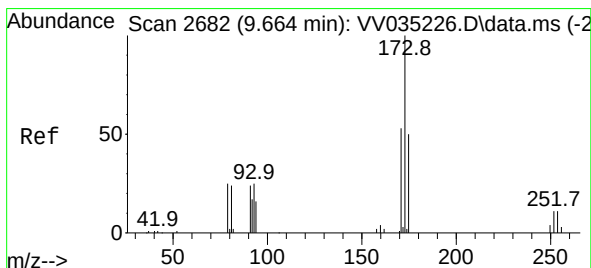
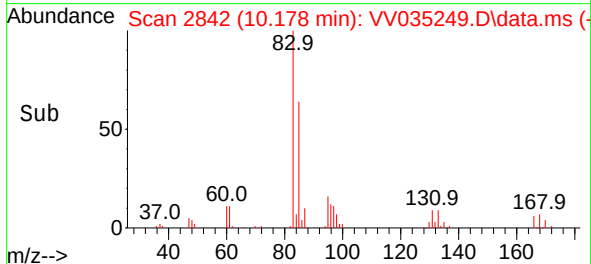
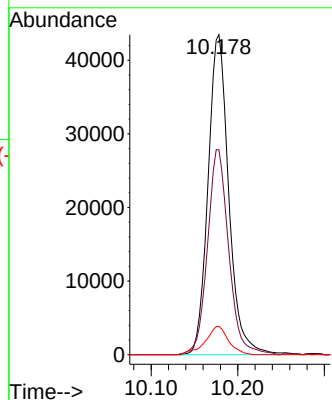
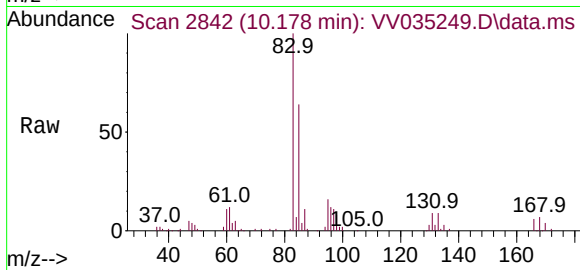
Tgt Ion: 83 Resp: 72236

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

131 8.8 7.8 11.6



#59

Bromoform

Concen: 4.866 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

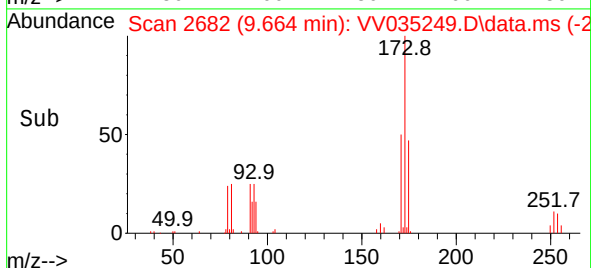
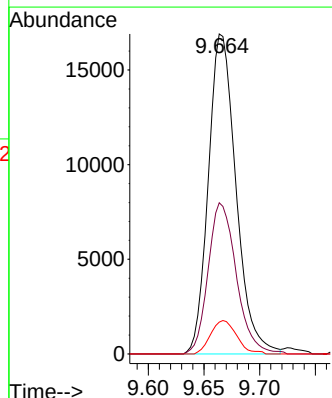
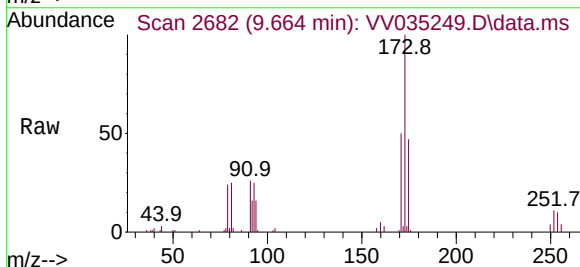
Tgt Ion: 173 Resp: 29204

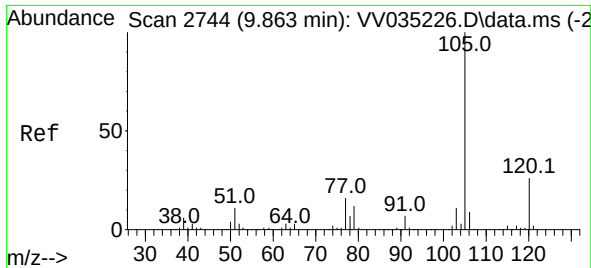
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 9.9 8.2 12.2

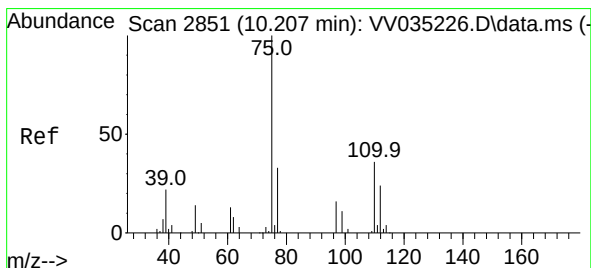
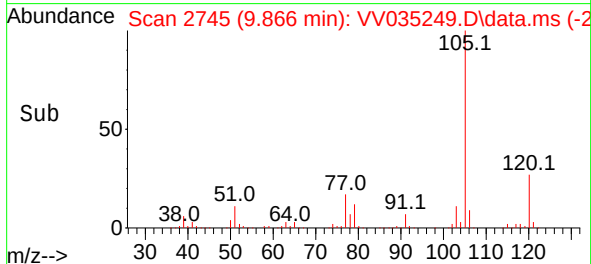
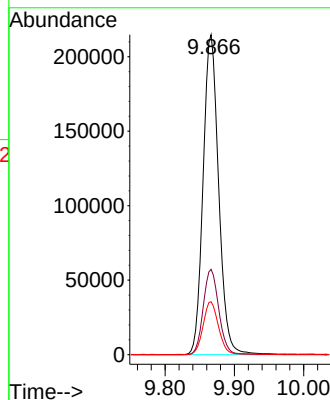
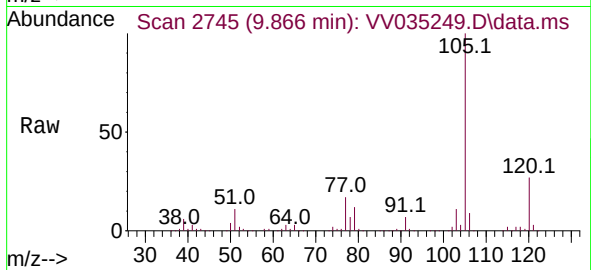




#60
Isopropylbenzene
Concen: 5.167 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

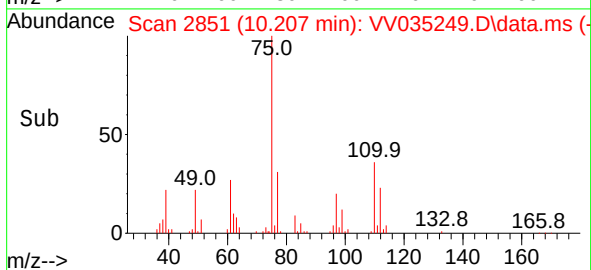
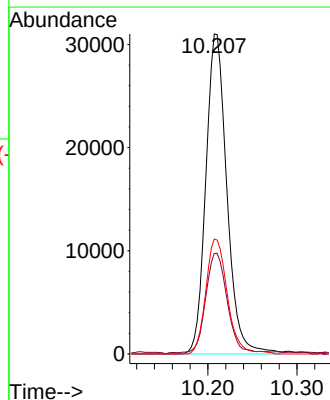
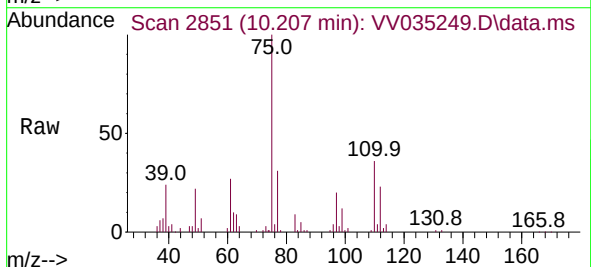
Instrument :
MSVOA_V
ClientSampleId :

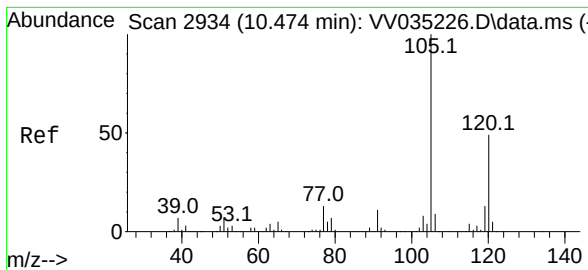
Tgt Ion:105 Resp: 334396
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.030 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion: 75 Resp: 50878
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 36.6 29.6 44.4

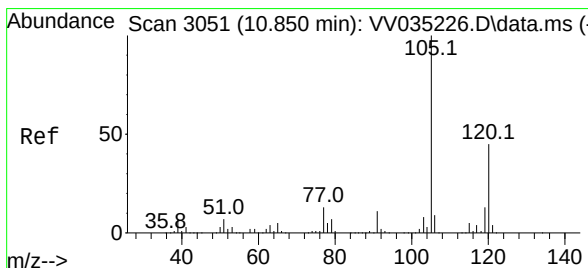
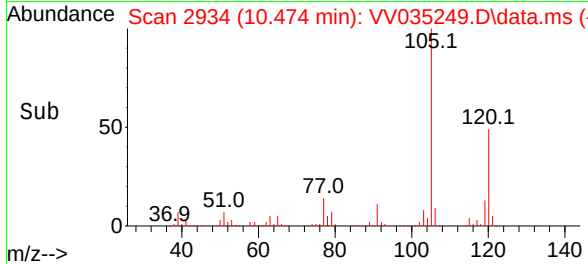
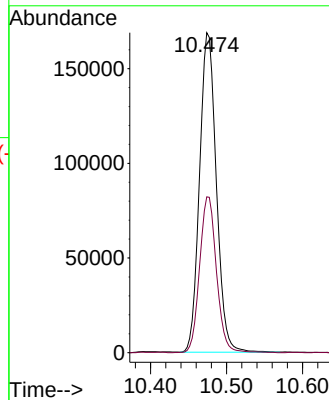
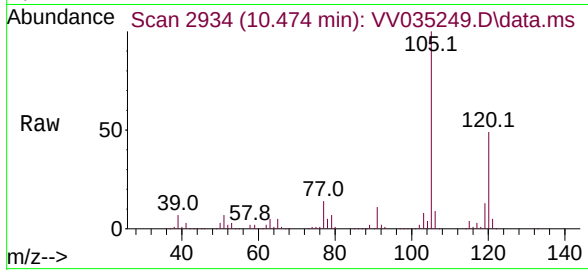




#62
 1,3,5-Trimethylbenzene
 Concen: 4.948 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

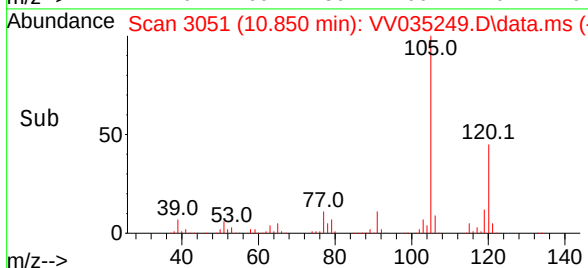
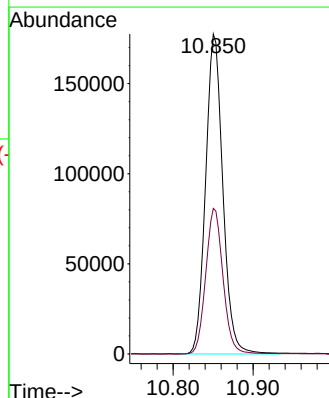
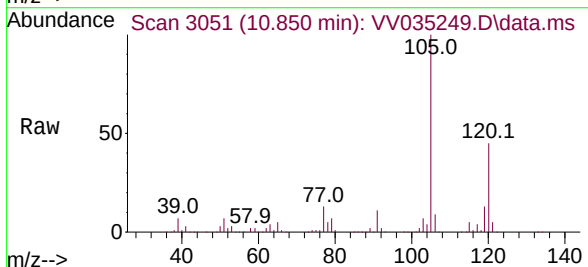
Instrument :
 MSVOA_V
 ClientSampleId :

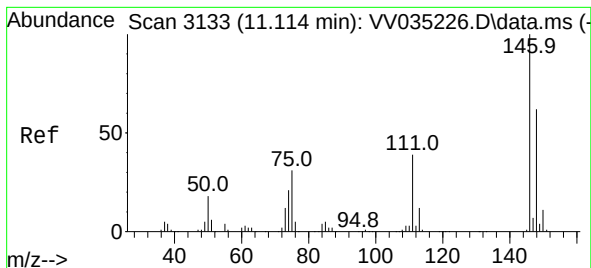
Tgt Ion:105 Resp: 258610
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.152 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV035249.D
 Acq: 16 Apr 2024 18:45

Tgt Ion:105 Resp: 266056
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.133 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

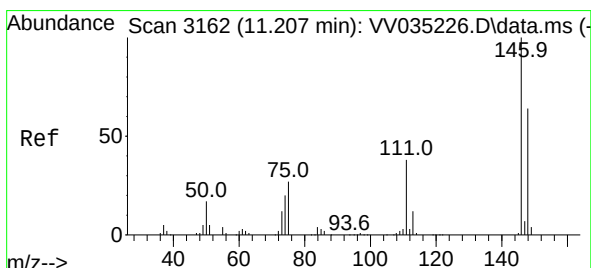
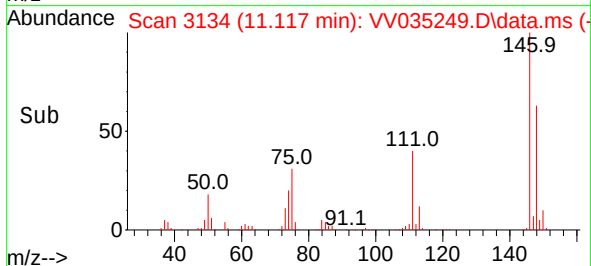
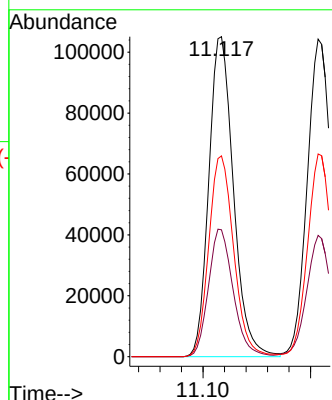
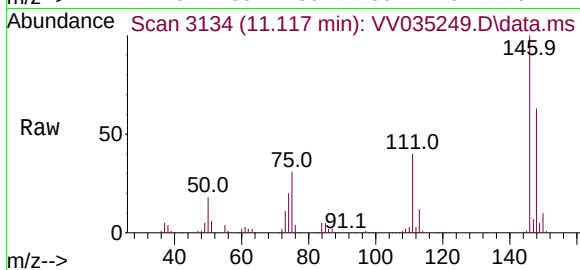
Tgt Ion:146 Resp: 167204

Ion Ratio Lower Upper

146 100

111 39.7 27.6 51.2

148 62.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.001 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

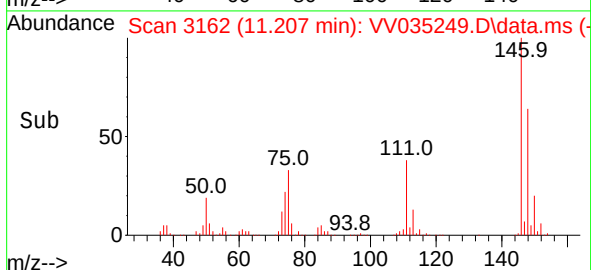
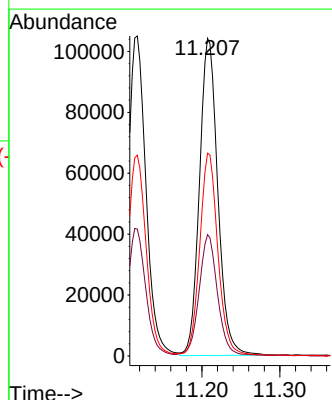
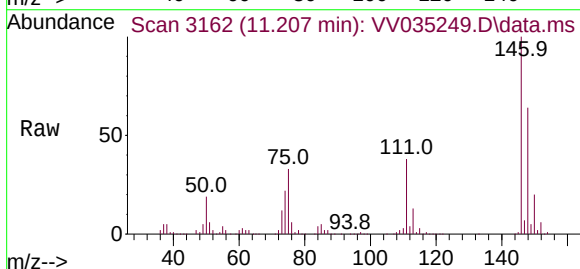
Tgt Ion:146 Resp: 170166

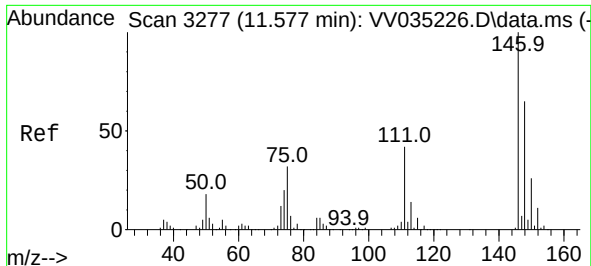
Ion Ratio Lower Upper

146 100

111 38.2 27.1 50.3

148 63.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.066 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

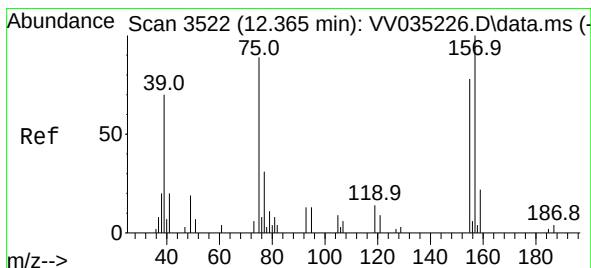
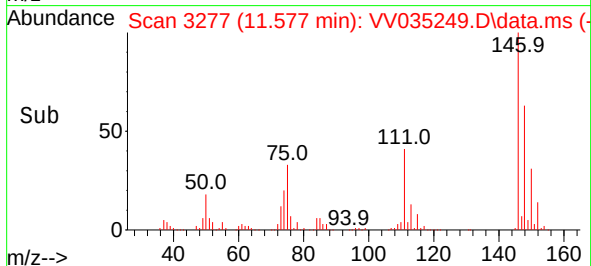
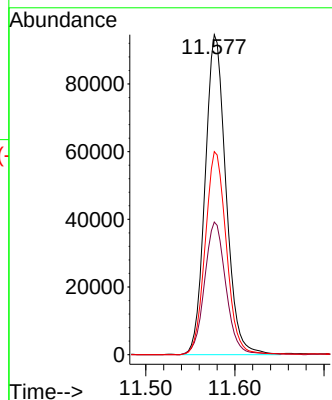
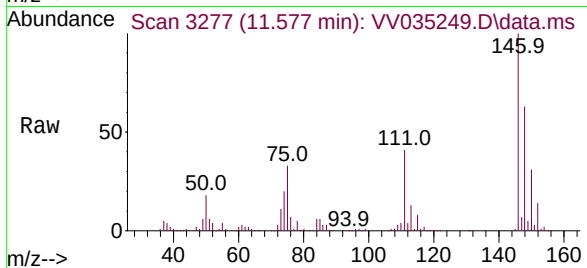
Tgt Ion:146 Resp: 153235

Ion Ratio Lower Upper

146 100

111 41.5 33.7 50.5

148 63.5 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.900 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

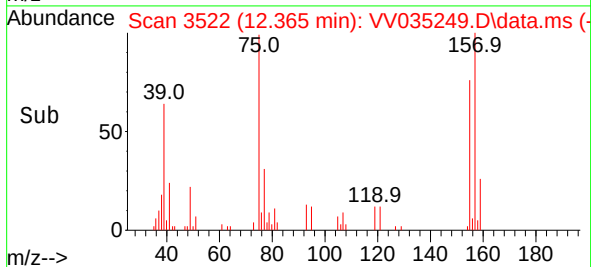
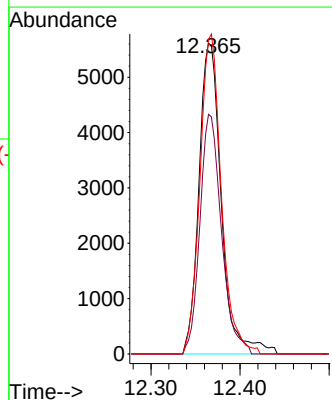
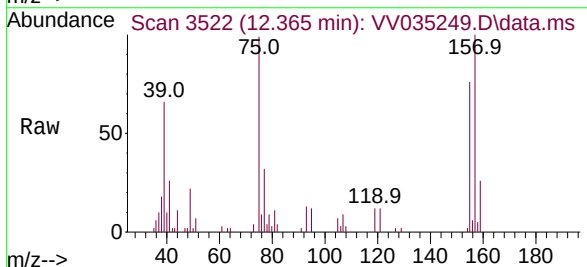
Tgt Ion: 75 Resp: 9785

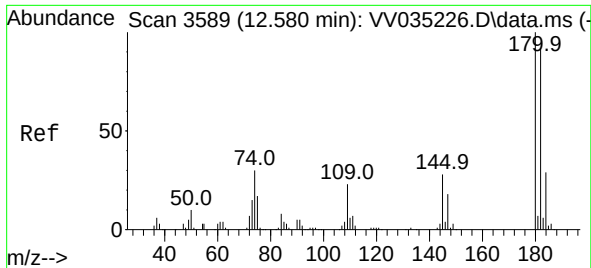
Ion Ratio Lower Upper

75 100

155 77.2 66.8 100.2

157 101.3 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 4.924 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

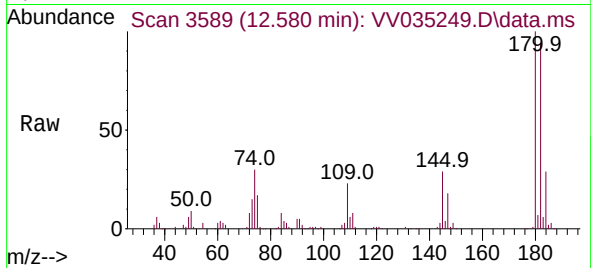
Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 121727

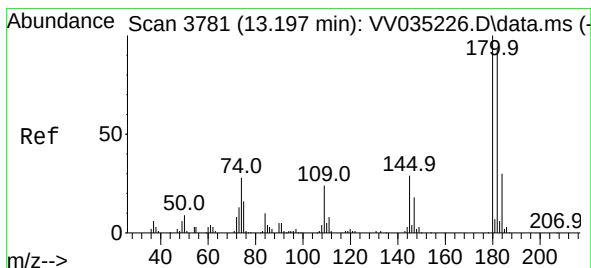
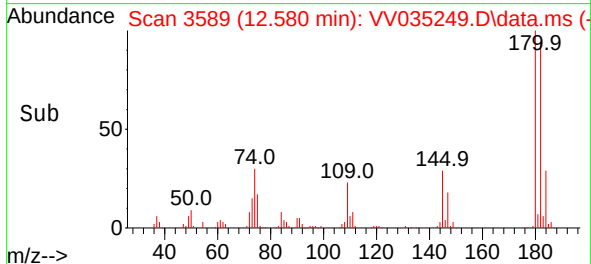
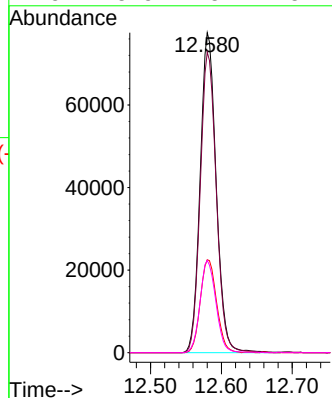
Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.2

184 29.6 24.0 36.0

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.636 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035249.D

Acq: 16 Apr 2024 18:45

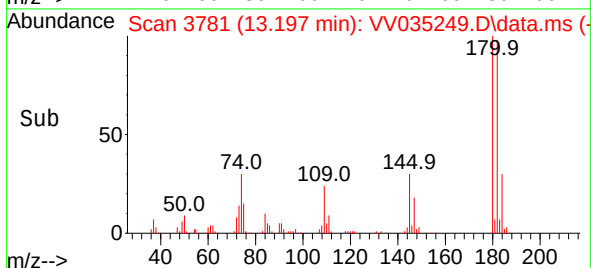
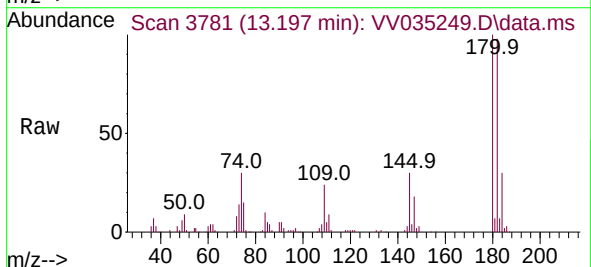
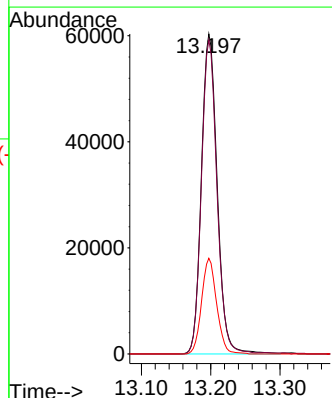
Tgt Ion:180 Resp: 95591

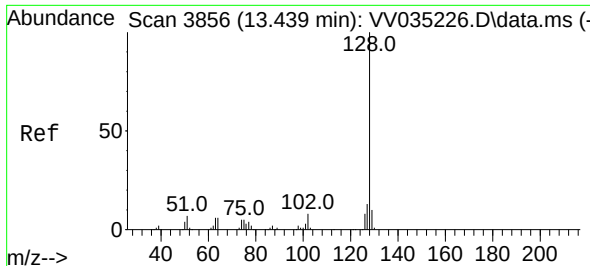
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 28.4 23.5 35.3

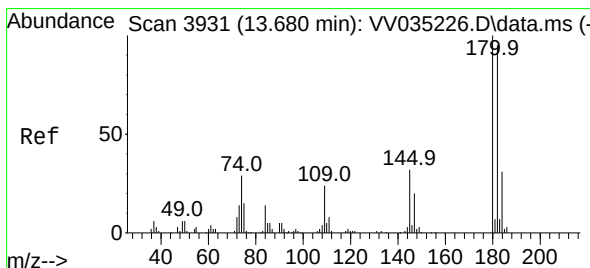
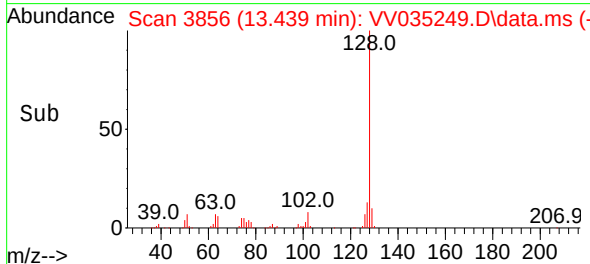
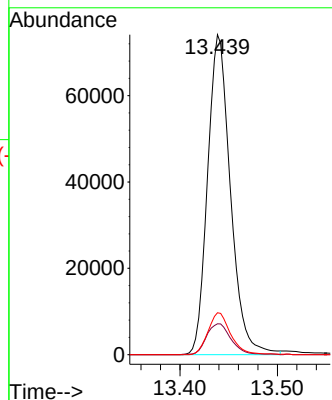
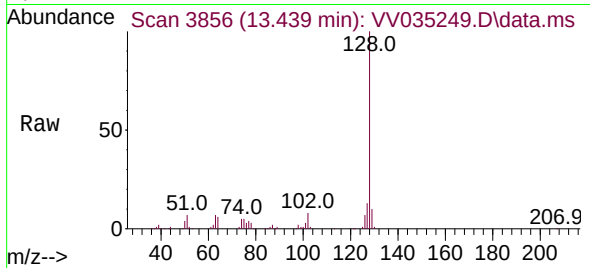




#71
Naphthalene
Concen: 4.084 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 121021
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.830 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV035249.D
Acq: 16 Apr 2024 18:45

Tgt Ion:180 Resp: 88414
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 30.5 25.3 37.9

