

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035038.D
 Acq On : 06 Apr 2024 05:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 05:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	288790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145712	50.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.740%	
7) Chloroethane-d5	1.532	69	118671	47.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 95.400%	
11) 1,1-Dichloroethene-d2	2.057	65	60788	48.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.820%	
21) 2-Butanone-d5	3.793	46	217430	127.987	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 127.990%	
24) Chloroform-d	4.246	84	243602	50.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.160%	
26) 1,2-Dichloroethane-d4	4.937	65	152703	49.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.880%	
32) Benzene-d6	4.957	84	485883	50.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.180%	
36) 1,2-Dichloropropane-d6	5.986	67	153535	49.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 99.680%	
41) Toluene-d8	7.240	98	435017	49.795	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.580%	
43) trans-1,3-Dichloroprop...	7.551	79	69647	46.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.020%	
47) 2-Hexanone-d5	8.024	63	130125	111.729	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 111.730%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230819	54.413	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 108.820%	
66) 1,2-Dichlorobenzene-d4	11.558	152	151161	48.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.060%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	107526	50.019	ug/L	100
3) Chloromethane	1.214	50	129838	46.981	ug/L	100
5) Vinyl chloride	1.285	62	139054	47.996	ug/L #	37
6) Bromomethane	1.491	94	95530	43.988	ug/L	99
8) Chloroethane	1.545	64	90470	45.722	ug/L	93
9) Trichlorofluoromethane	1.709	101	197350	51.899	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	123610	53.110	ug/L	99
12) 1,1-Dichloroethene	2.066	96	109219	49.065	ug/L	98
13) Acetone	2.124	43	168461	108.011	ug/L	99
14) Carbon disulfide	2.240	76	281138	44.848	ug/L	100
15) Methyl Acetate	2.375	43	183227	74.549	ug/L	99
16) Methylene chloride	2.446	84	140095	58.083	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	112630	52.334	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	440107	58.221	ug/L	98
19) 1,1-Dichloroethane	3.108	63	258173	58.498	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	137133	56.113	ug/L	98
22) 2-Butanone	3.873	43	248206	137.144	ug/L	97
23) Bromochloromethane	4.146	128	70325	57.516	ug/L	96
25) Chloroform	4.272	83	253644	58.130	ug/L	99

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Instrument :
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Quant Time: Apr 06 05:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

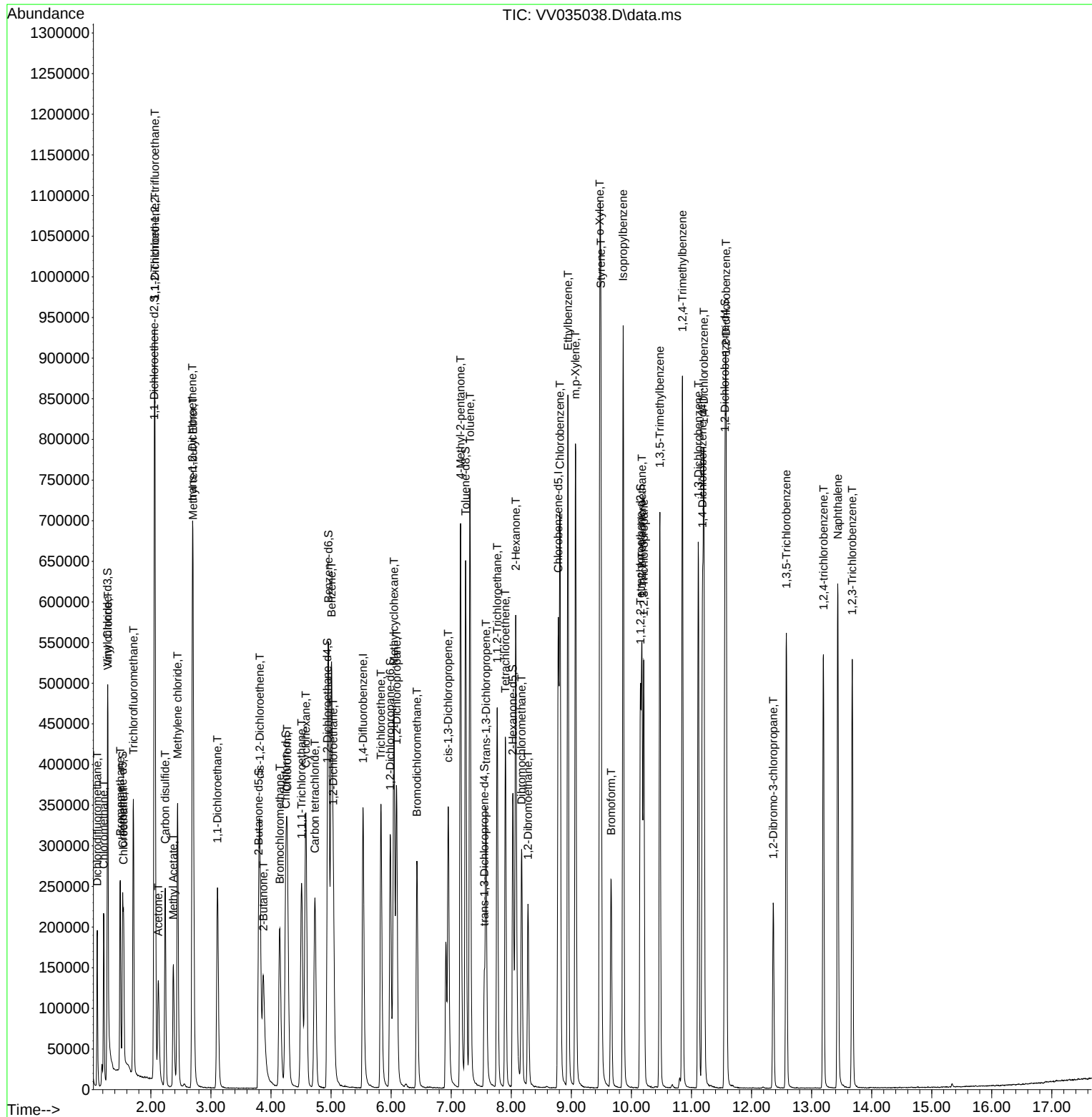
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	200357	57.672	ug/L	99
29) Cyclohexane	4.581	56	195181	53.961	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	208254	55.322	ug/L	99
31) Carbon tetrachloride	4.732	117	177086	55.502	ug/L	100
33) Benzene	5.008	78	522520	55.487	ug/L	100
34) Trichloroethene	5.831	95	129546	50.974	ug/L	98
35) Methylcyclohexane	6.047	83	197025	51.333	ug/L	99
37) 1,2-Dichloropropane	6.092	63	154050	59.195	ug/L	100
38) Bromodichloromethane	6.429	83	192560	57.348	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	221341	53.990	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	461247	138.818	ug/L	100
42) Toluene	7.314	91	544274	55.206	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	206958	54.948	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	144832	59.045	ug/L	98
46) Tetrachloroethene	7.902	164	93435	52.623	ug/L	98
48) 2-Hexanone	8.076	43	384658	136.115	ug/L	100
49) Dibromochloromethane	8.172	129	144745	59.580	ug/L	99
50) 1,2-Dibromoethane	8.278	107	154420	58.474	ug/L	99
51) Chlorobenzene	8.812	112	374315	58.580	ug/L	99
52) Ethylbenzene	8.944	91	587368	53.756	ug/L	100
53) m,p-Xylene	9.069	106	215057	53.445	ug/L	99
54) o-Xylene	9.474	106	218739	54.940	ug/L	97
55) Styrene	9.494	104	372521	55.368	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	261247	65.735	ug/L	98
59) Bromoform	9.664	173	112826	70.242	ug/L	99
60) Isopropylbenzene	9.863	105	580497	57.448	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	205434	67.638	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	371786	56.653	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	459472	56.629	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	260808	55.231	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	289351	60.256	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	290245	61.701	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	56725	67.790	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	171100	50.276	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	160590	51.370	ug/L	99
71) Naphthalene	13.435	128	473887	54.639	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	158605	51.470	ug/L	99

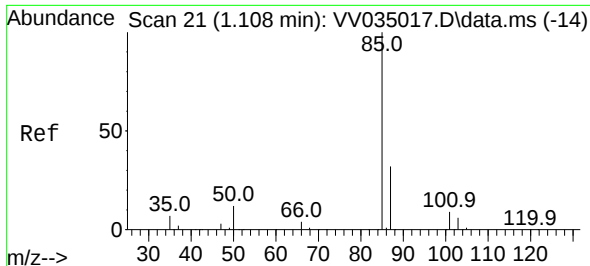
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035038.D
Acq On : 06 Apr 2024 05:01
Operator : SY/MD
Sample : VSTDC0050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

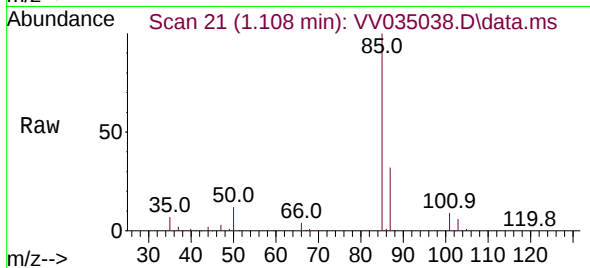
Quant Time: Apr 06 05:46:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration



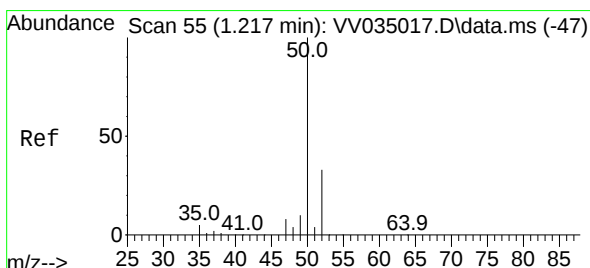
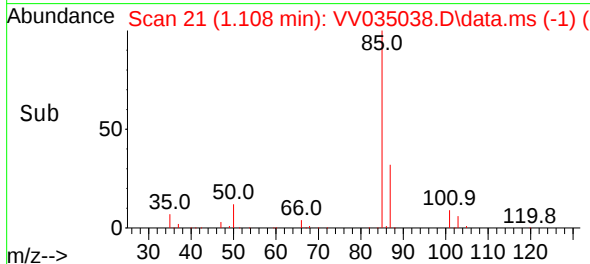
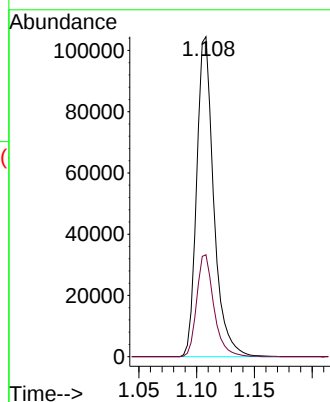


#2
 Dichlorodifluoromethane
 Concen: 50.019 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035038.D
 Acq: 06 Apr 2024 05:01

Instrument :
 MSVOA_V
 ClientSampleId :

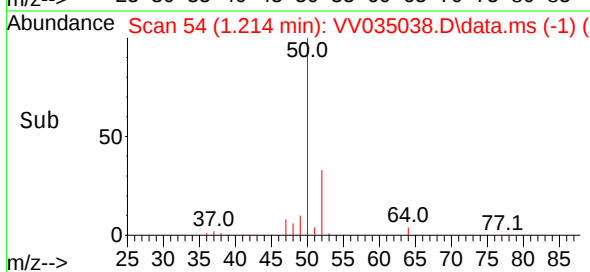
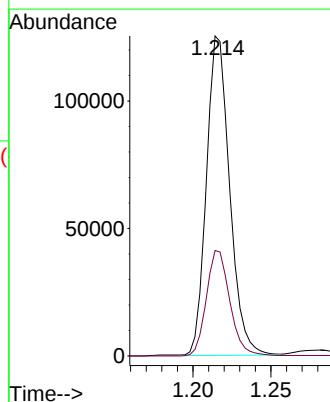
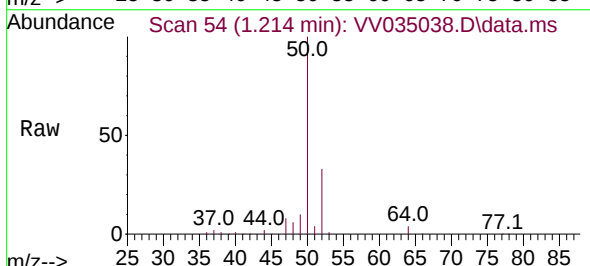


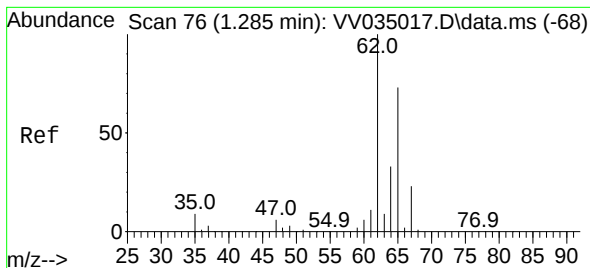
Tgt Ion: 85 Resp: 107526
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 46.981 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035038.D
 Acq: 06 Apr 2024 05:01

Tgt Ion: 50 Resp: 129838
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 47.996 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

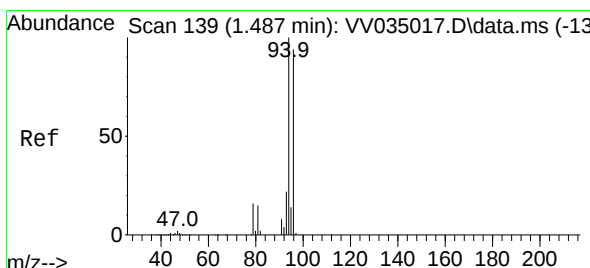
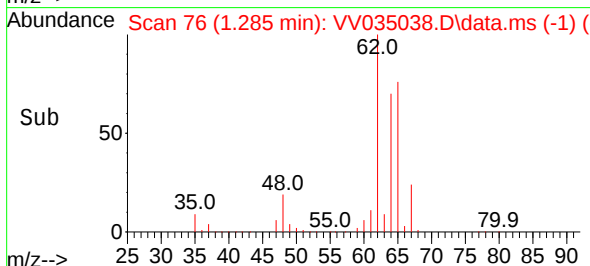
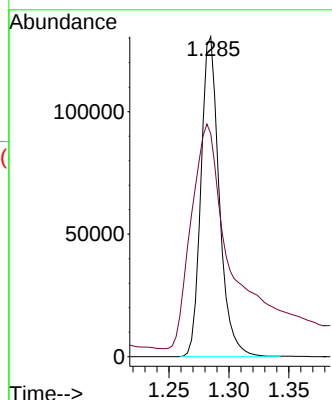
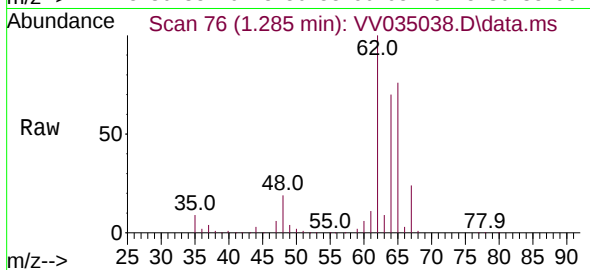
ClientSampleId :

Tgt Ion: 62 Resp: 139054

Ion Ratio Lower Upper

62 100

64 69.6 23.6 43.8#



#6

Bromomethane

Concen: 43.988 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV035038.D

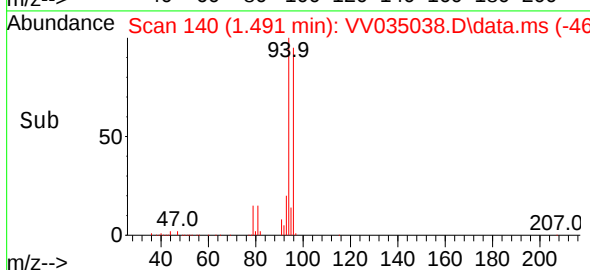
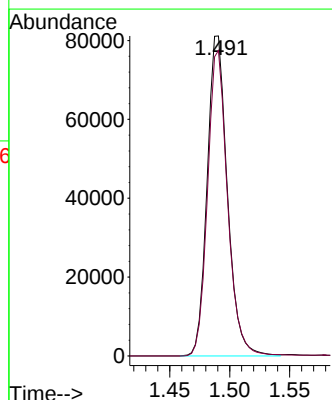
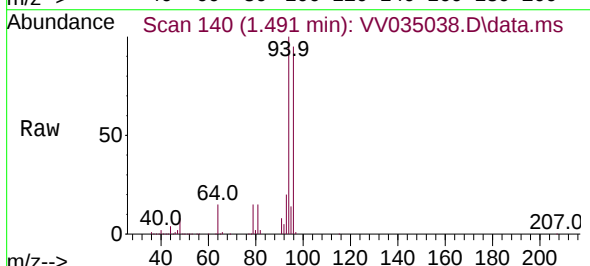
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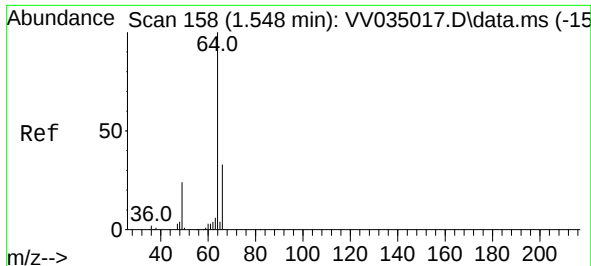
Tgt Ion: 94 Resp: 95530

Ion Ratio Lower Upper

94 100

96 95.5 66.3 123.1

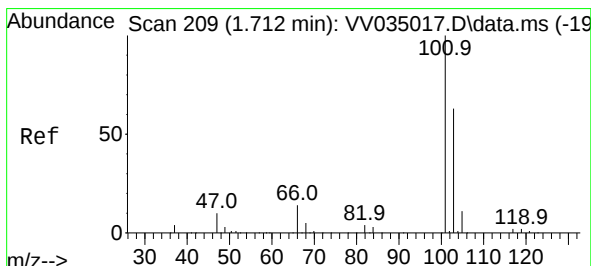
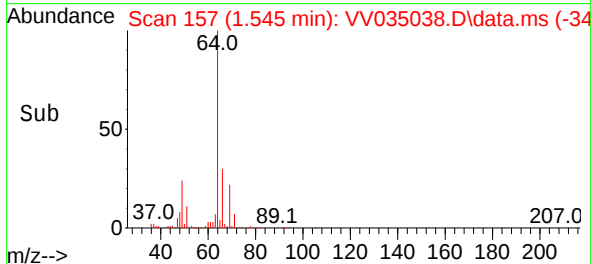
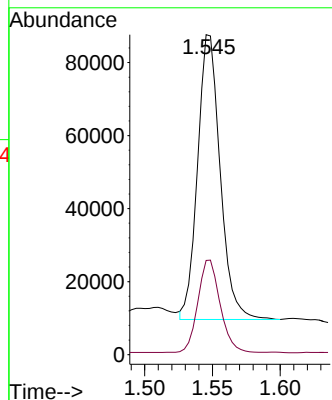
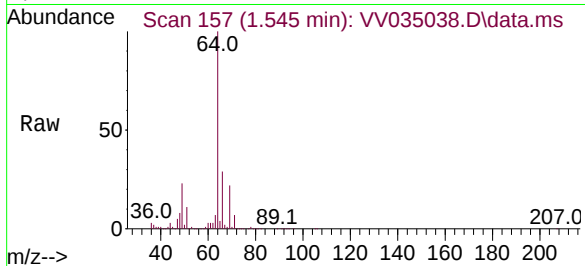




#8
Chloroethane
Concen: 45.722 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

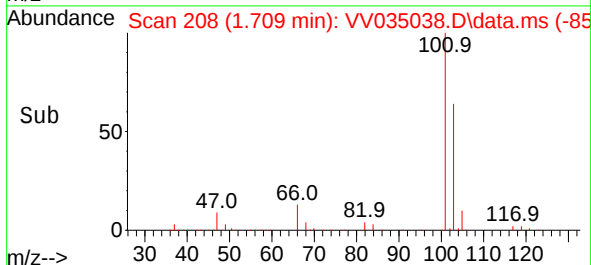
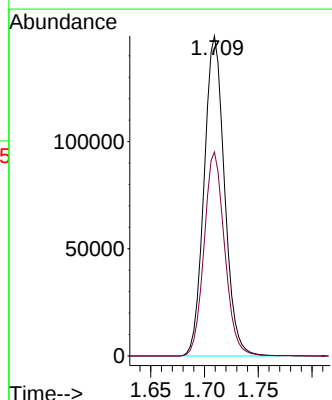
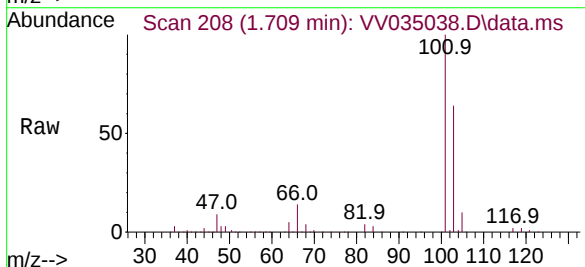
Instrument :
MSVOA_V
ClientSampleId :

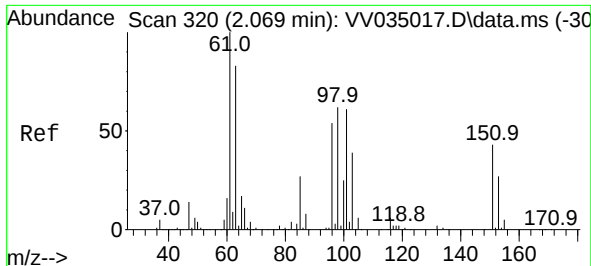
Tgt Ion: 64 Resp: 90470
Ion Ratio Lower Upper
64 100
66 29.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 51.899 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion:101 Resp: 197350
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

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

Concen: 53.110 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :

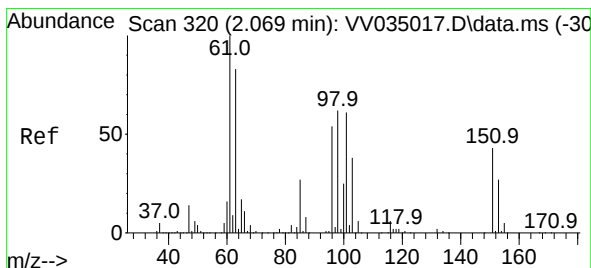
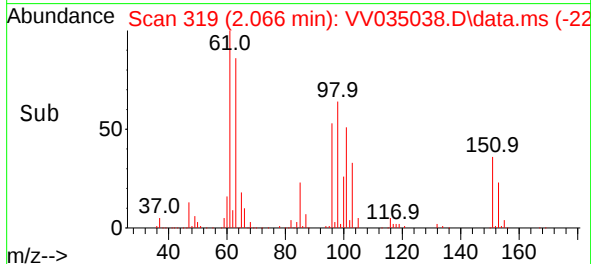
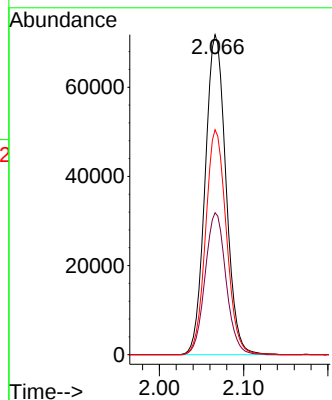
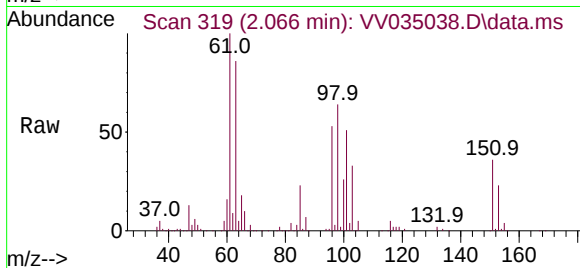
Tgt Ion:101 Resp: 123610

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

151 70.0 55.0 82.4



#12

1,1-Dichloroethene

Concen: 49.065 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

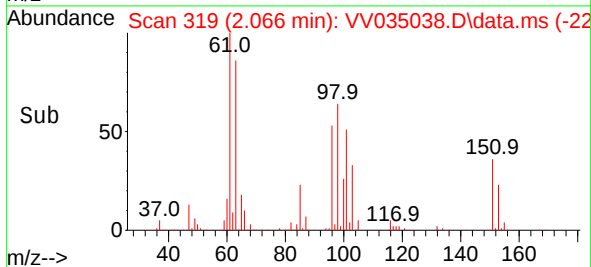
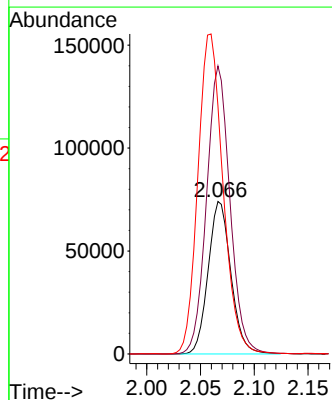
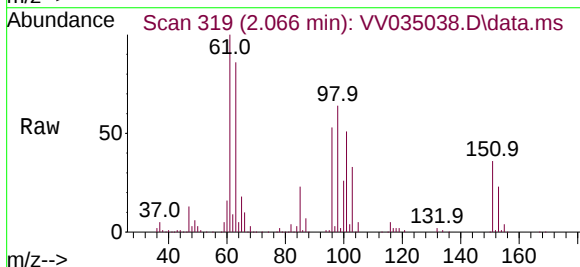
Tgt Ion: 96 Resp: 109219

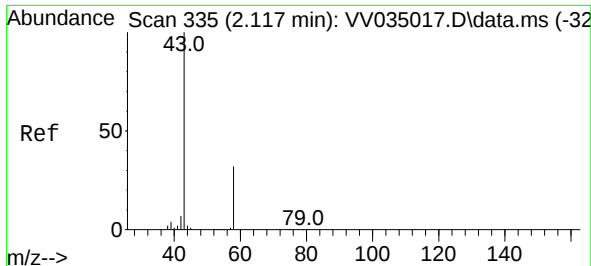
Ion Ratio Lower Upper

96 100

61 188.9 131.5 244.3

63 162.6 111.4 206.8





#13

Acetone

Concen: 108.011 ug/L

RT: 2.124 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

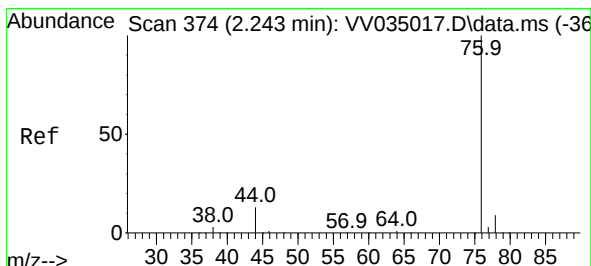
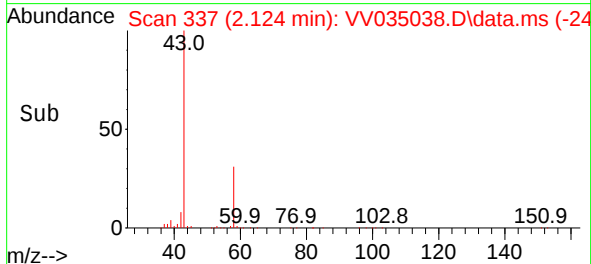
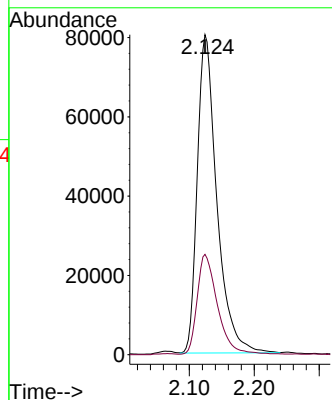
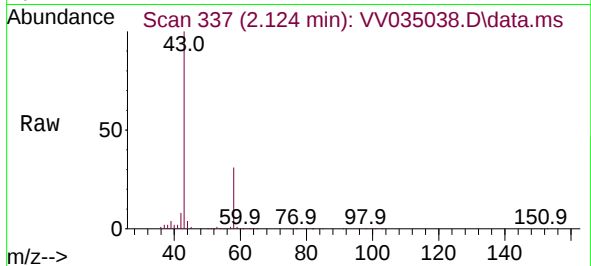
ClientSampleId :

Tgt Ion: 43 Resp: 168461

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#14

Carbon disulfide

Concen: 44.848 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035038.D

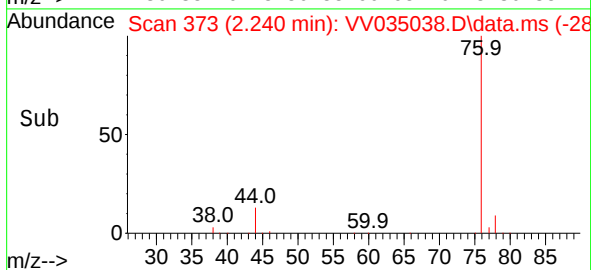
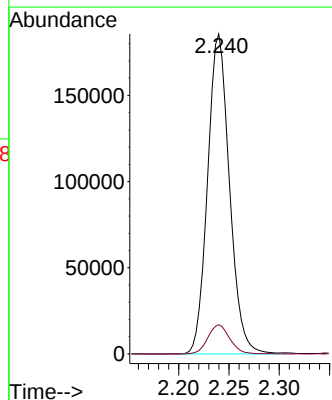
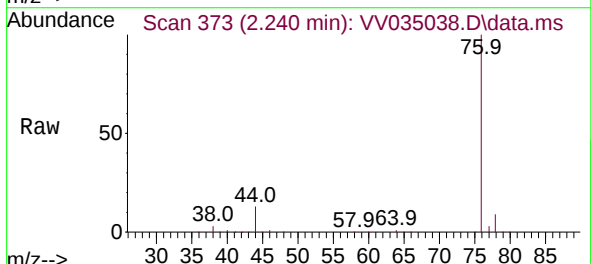
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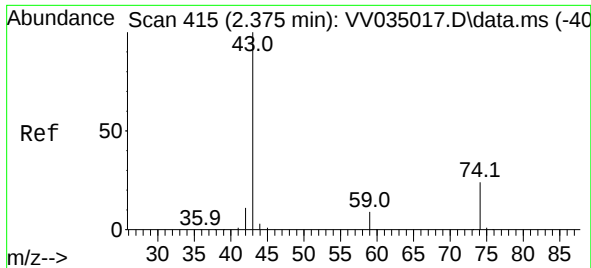
Tgt Ion: 76 Resp: 281138

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

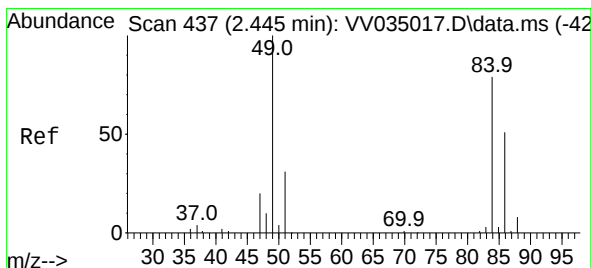
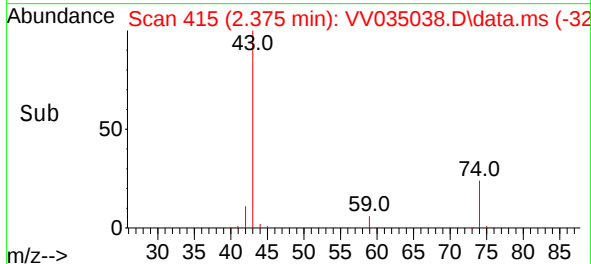
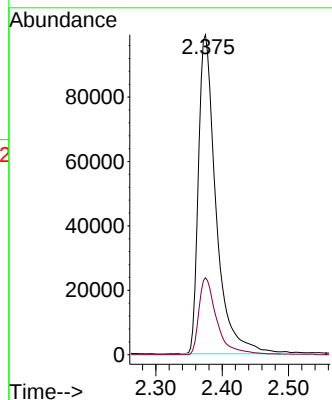
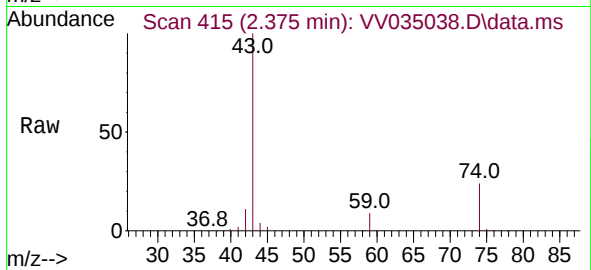




#15
Methyl Acetate
Concen: 74.549 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

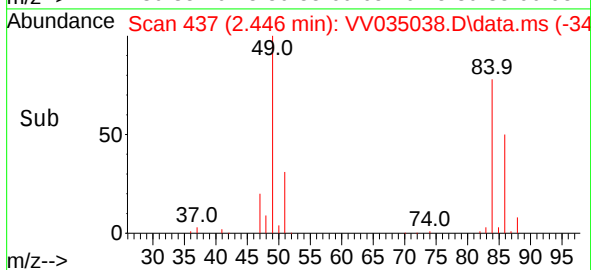
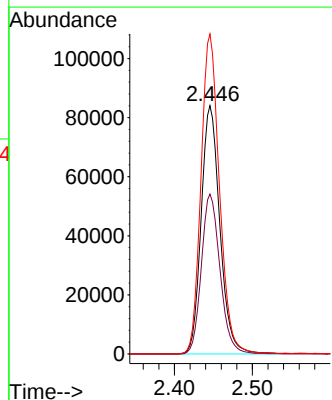
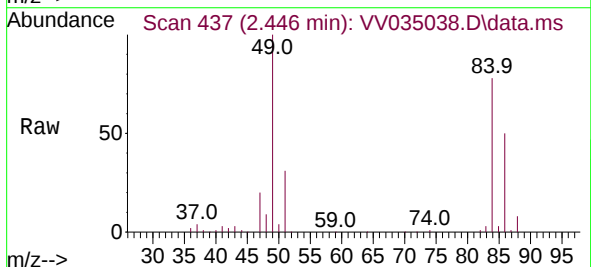
Instrument :
MSVOA_V
ClientSampleId :

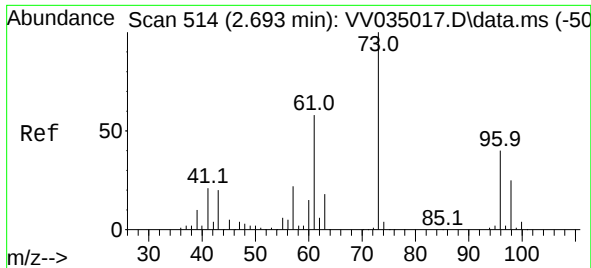
Tgt Ion: 43 Resp: 183227
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



#16
Methylene chloride
Concen: 58.083 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 84 Resp: 140095
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 128.8 86.9 161.3

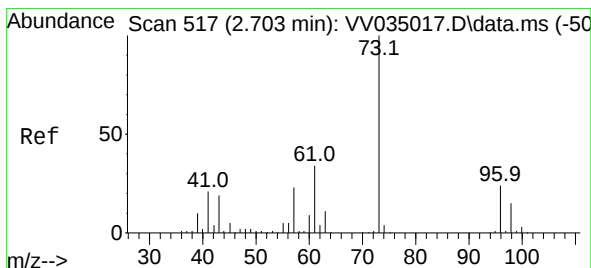
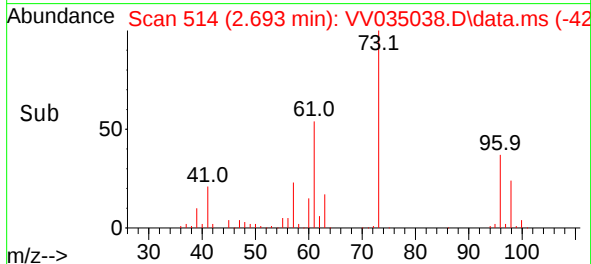
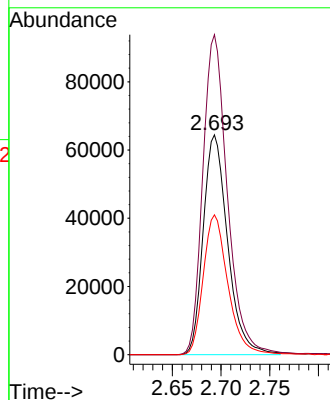
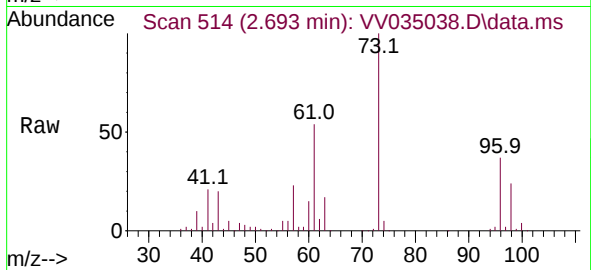




#17
trans-1,2-Dichloroethene
Concen: 52.334 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

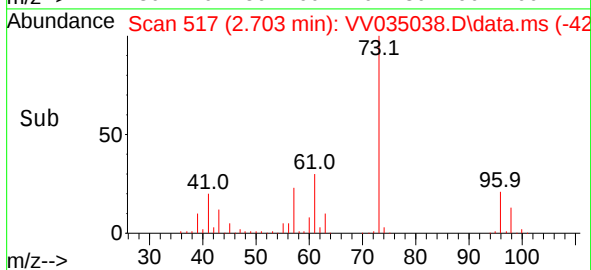
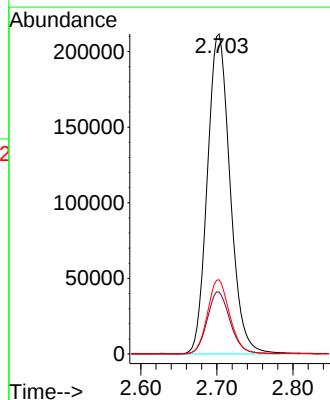
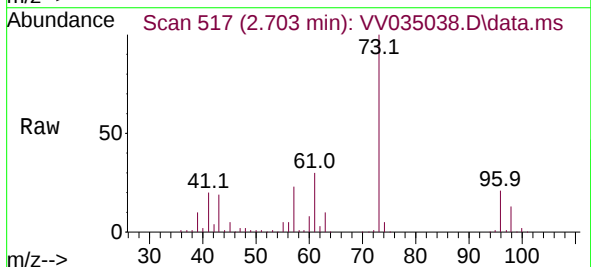
Instrument :
MSVOA_V
ClientSampleId :

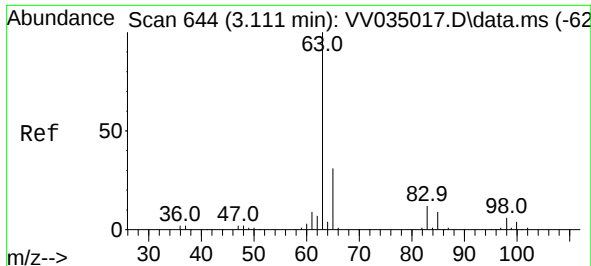
Tgt Ion: 96 Resp: 112630
Ion Ratio Lower Upper
96 100
61 145.6 99.0 183.8
98 63.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 58.221 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 73 Resp: 440107
Ion Ratio Lower Upper
73 100
43 19.3 14.6 21.8
57 22.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 58.498 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :

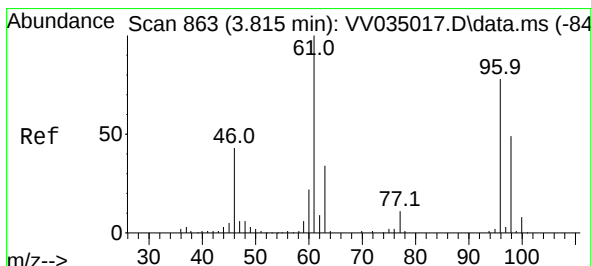
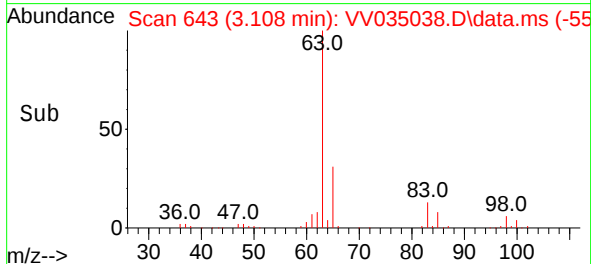
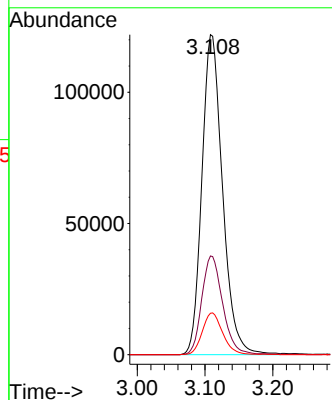
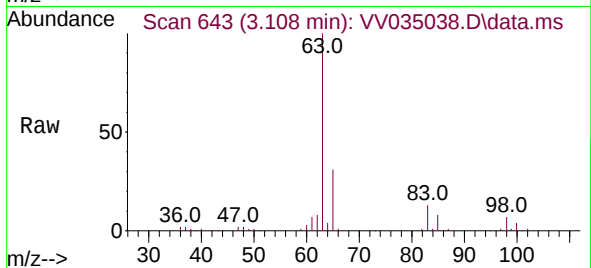
Tgt Ion: 63 Resp: 258173

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 56.113 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

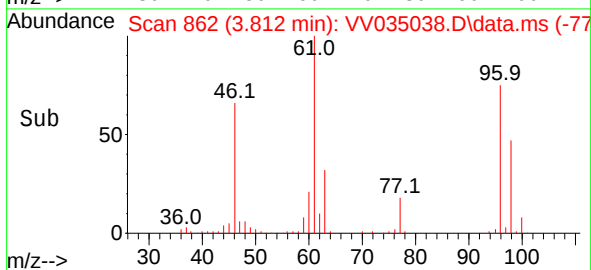
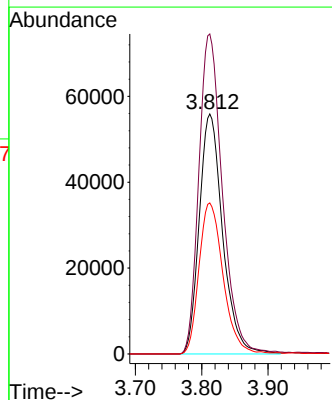
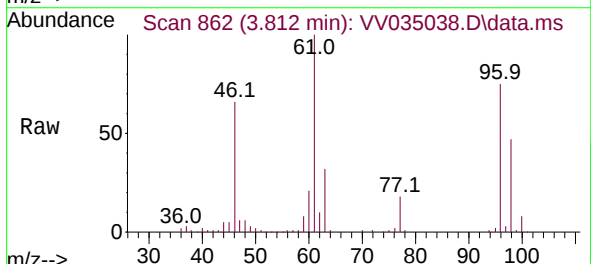
Tgt Ion: 96 Resp: 137133

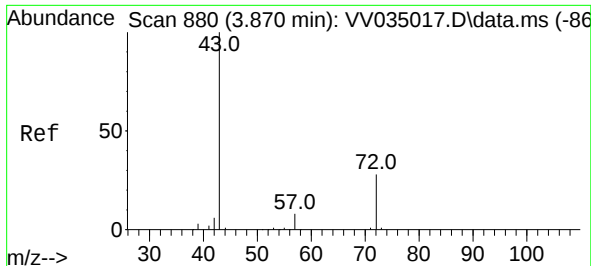
Ion Ratio Lower Upper

96 100

61 133.3 94.9 176.3

98 62.9 45.6 84.8





#22

2-Butanone

Concen: 137.144 ug/L

RT: 3.873 min Scan# 880

Delta R.T. 0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

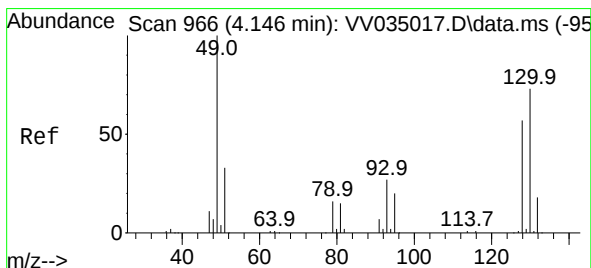
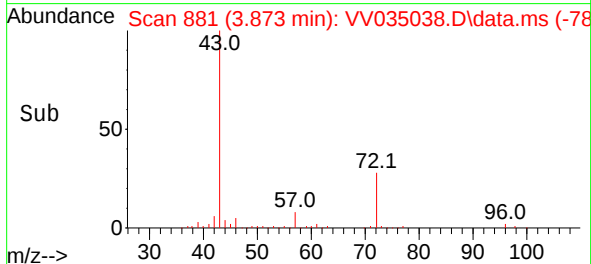
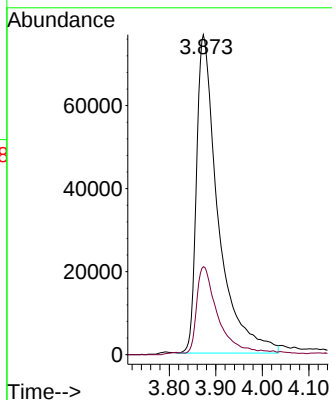
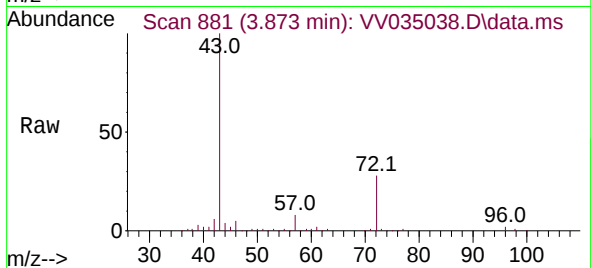
ClientSampleId :

Tgt Ion: 43 Resp: 248206

Ion Ratio Lower Upper

43 100

72 25.1 13.2 39.6



#23

Bromochloromethane

Concen: 57.516 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Tgt Ion:128 Resp: 70325

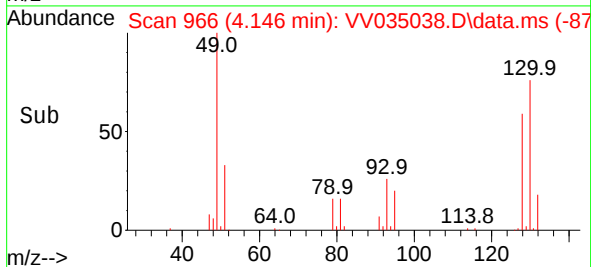
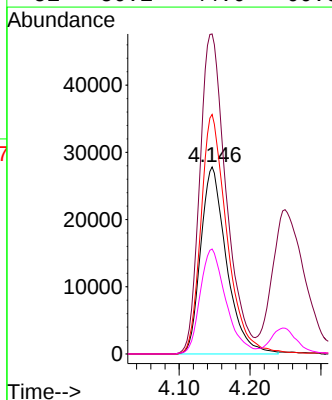
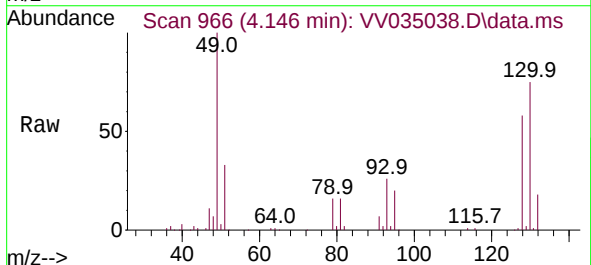
Ion Ratio Lower Upper

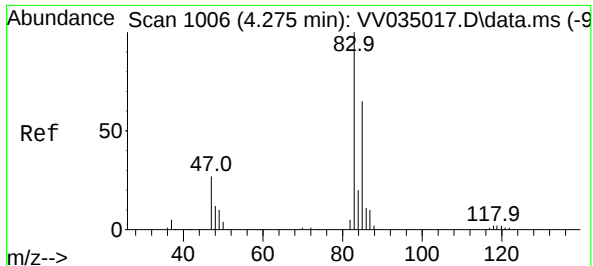
128 100

49 171.1 123.8 229.8

130 128.1 93.2 173.0

51 56.1 44.0 66.0





#25

Chloroform

Concen: 58.130 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

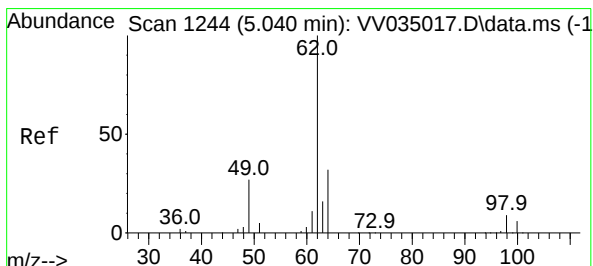
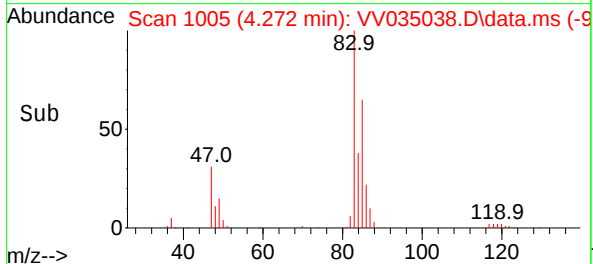
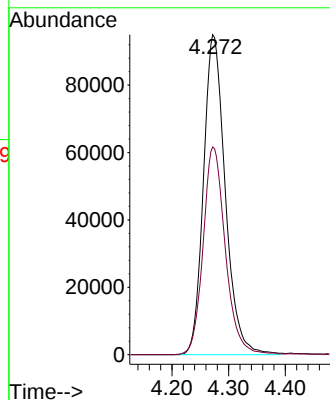
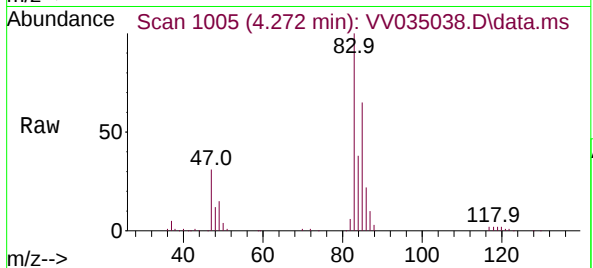
ClientSampleId :

Tgt Ion: 83 Resp: 253644

Ion Ratio Lower Upper

83 100

85 64.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 57.672 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035038.D

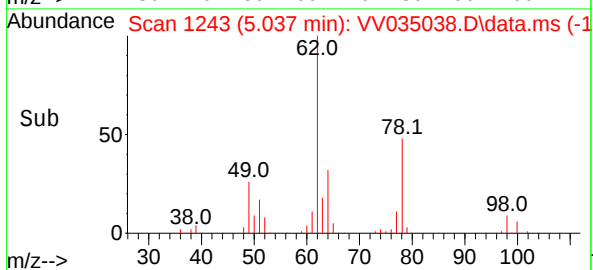
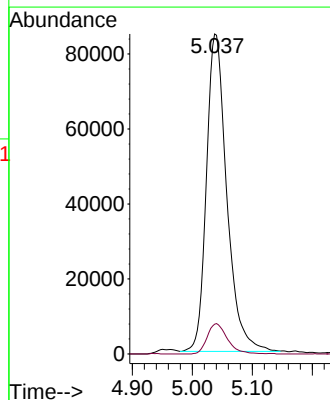
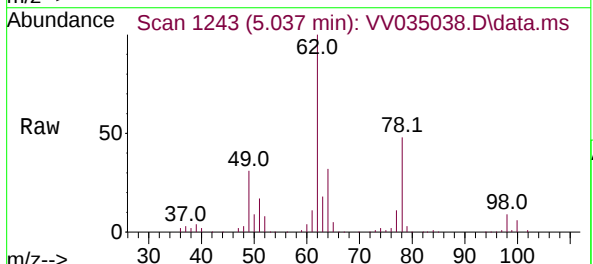
Acq: 06 Apr 2024 05:01

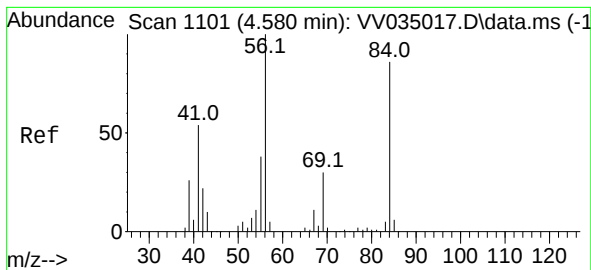
Tgt Ion: 62 Resp: 200357

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 53.961 ug/L

RT: 4.581 min Scan# 1101

Delta R.T. 0.000 min

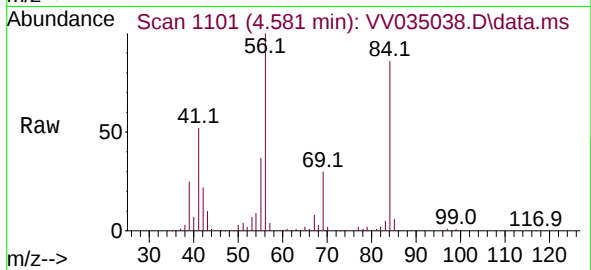
Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :



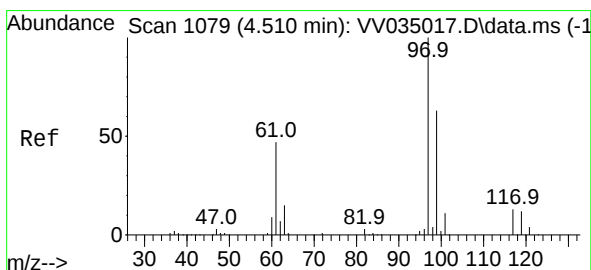
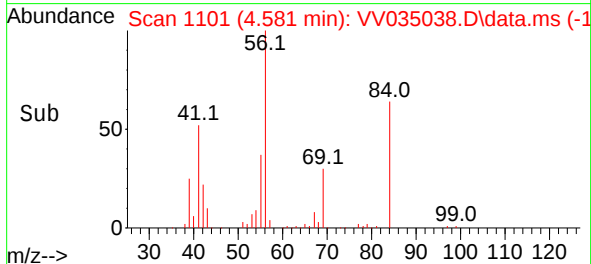
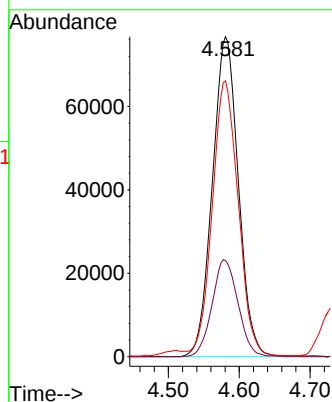
Tgt Ion: 56 Resp: 195181

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 86.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 55.322 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

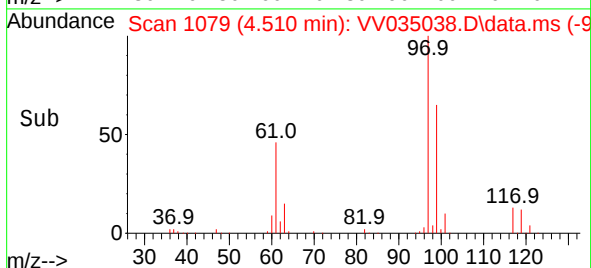
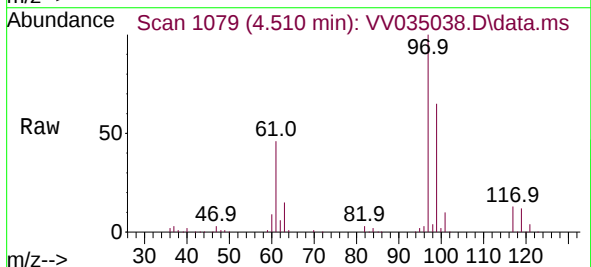
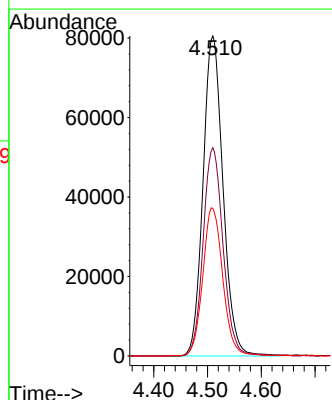
Tgt Ion: 97 Resp: 208254

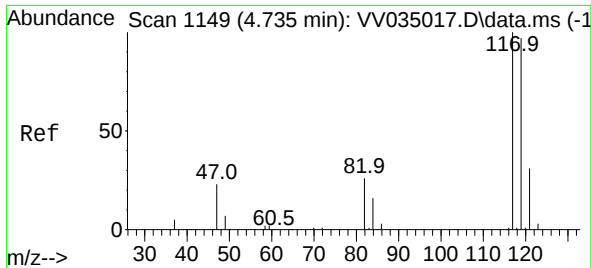
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 45.8 36.8 55.2

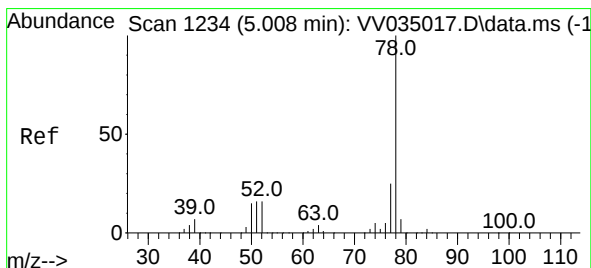
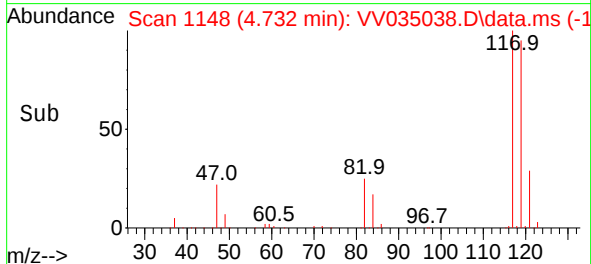
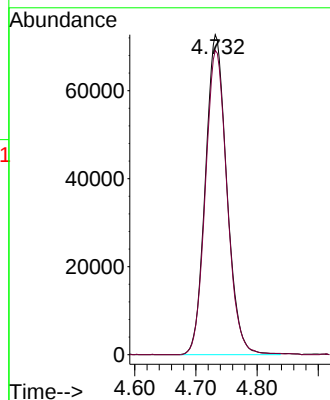
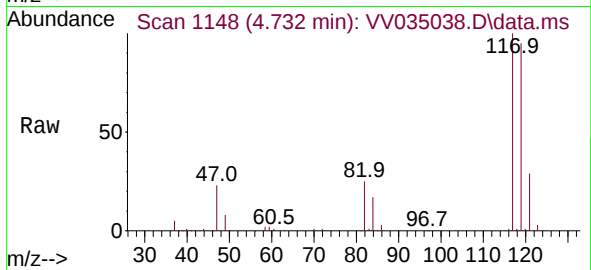




#31
Carbon tetrachloride
Concen: 55.502 ug/L
RT: 4.732 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

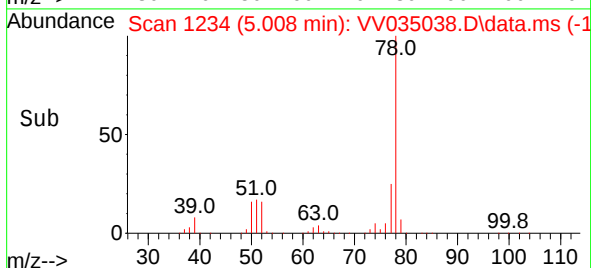
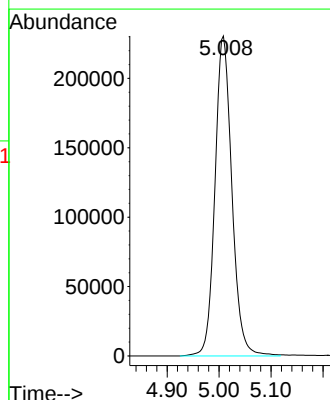
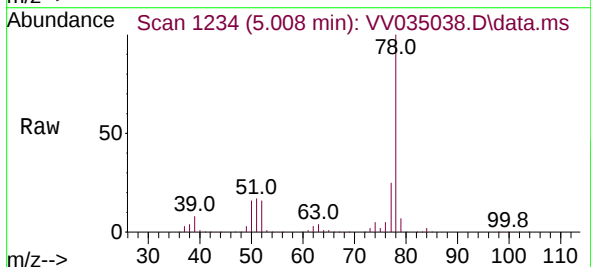
Instrument :
MSVOA_V
ClientSampleId :

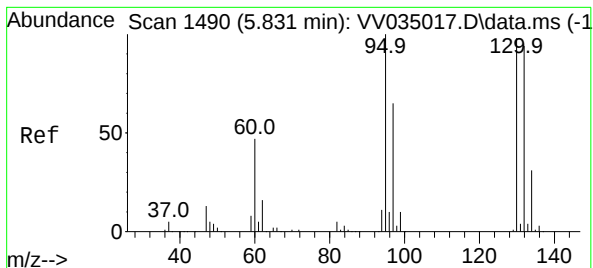
Tgt Ion:117 Resp: 177086
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 55.487 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 78 Resp: 522520





#34

Trichloroethene

Concen: 50.974 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

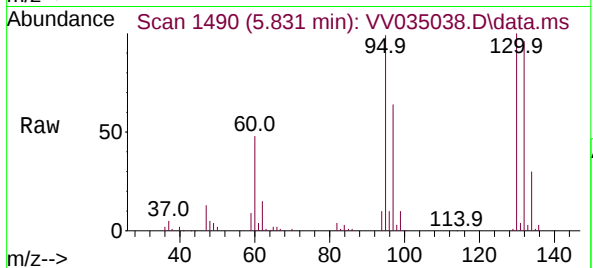
Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 129546

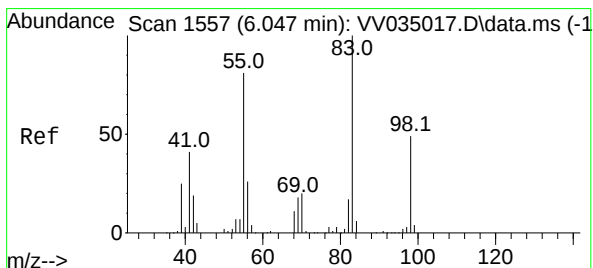
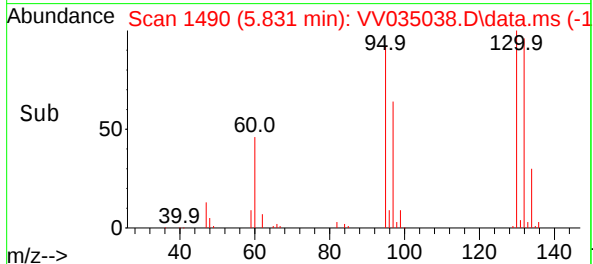
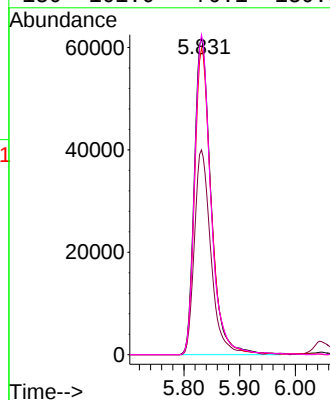
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 96.8 65.3 121.3

130 101.0 70.1 130.3



#35

Methylcyclohexane

Concen: 51.333 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

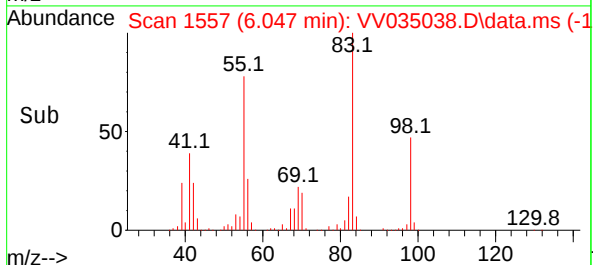
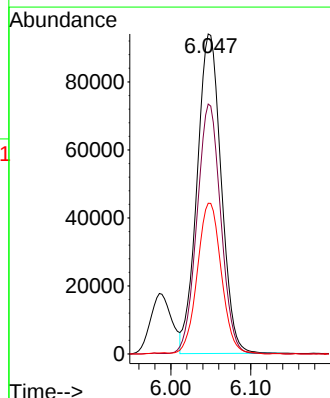
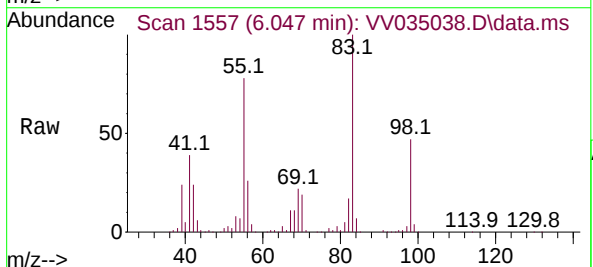
Tgt Ion: 83 Resp: 197025

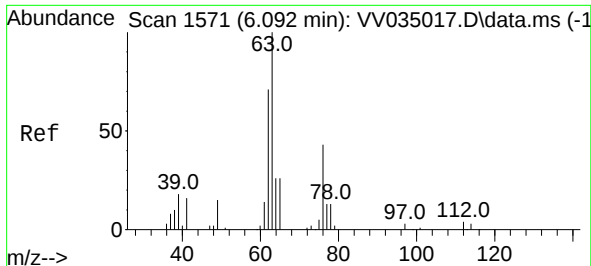
Ion Ratio Lower Upper

83 100

55 76.8 60.0 90.0

98 47.1 37.6 56.4

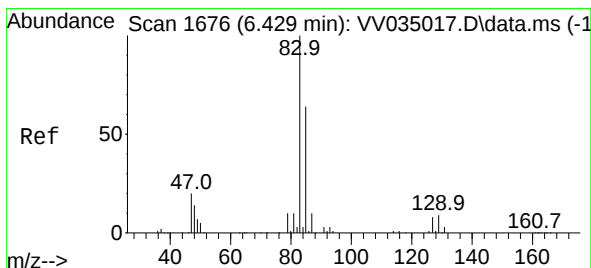
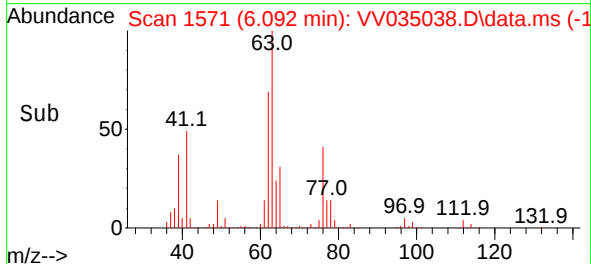
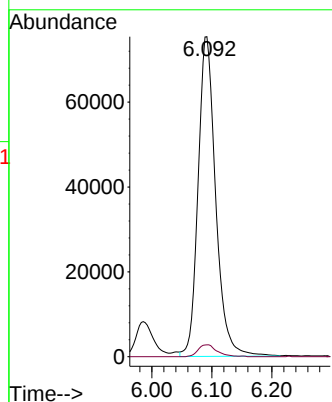
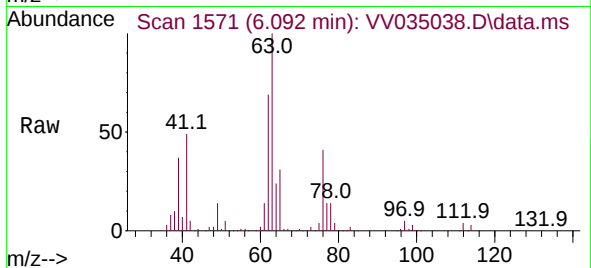




#37
1,2-Dichloropropane
Concen: 59.195 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

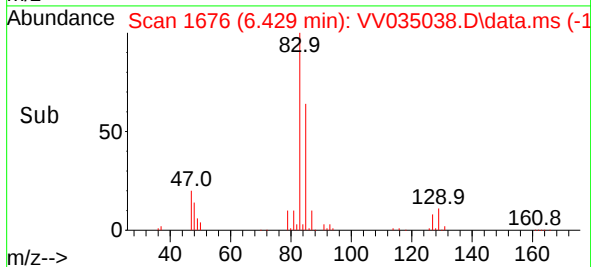
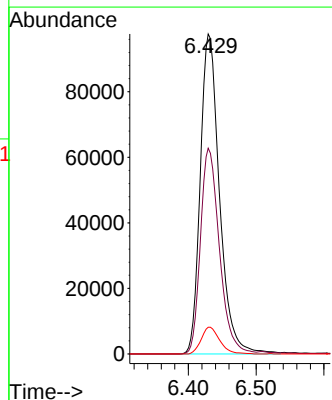
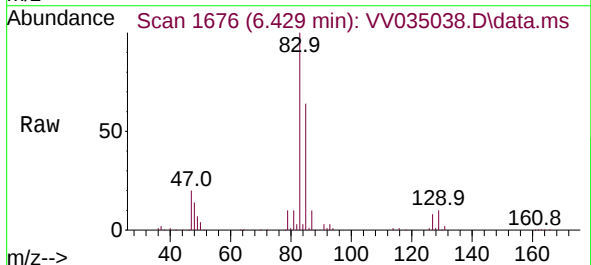
Instrument :
MSVOA_V
ClientSampleId :

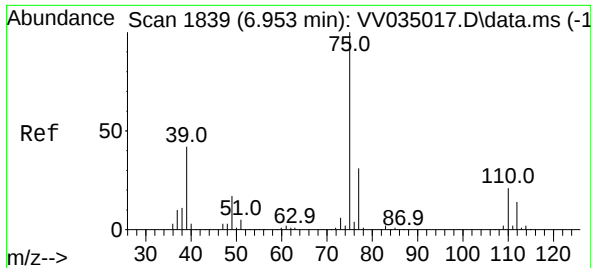
Tgt Ion: 63 Resp: 154050
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 57.348 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 83 Resp: 192560
Ion Ratio Lower Upper
83 100
85 64.3 43.7 81.1
127 8.4 6.4 9.6

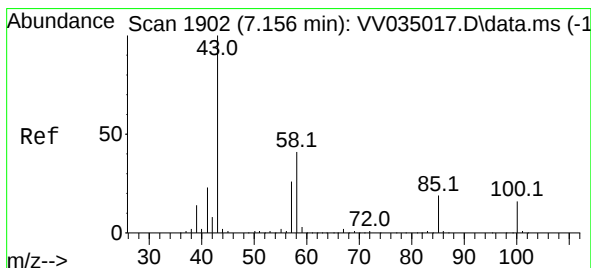
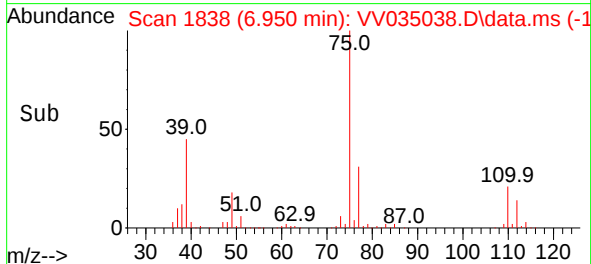
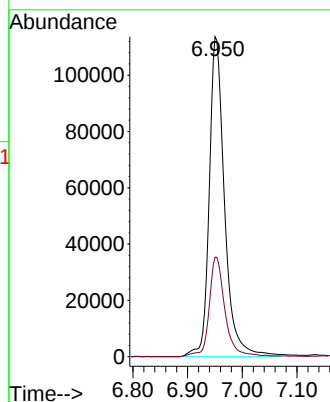
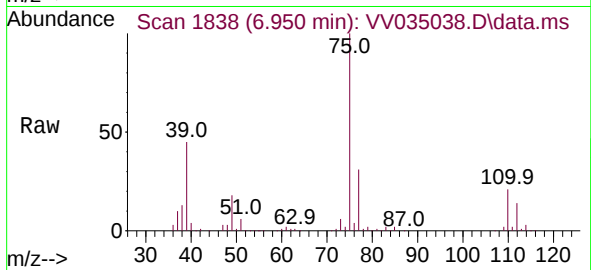




#39
cis-1,3-Dichloropropene
Concen: 53.990 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

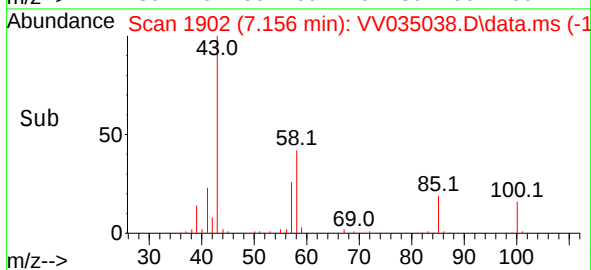
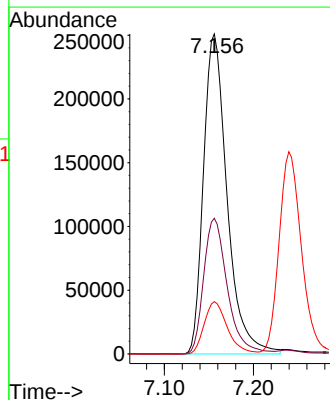
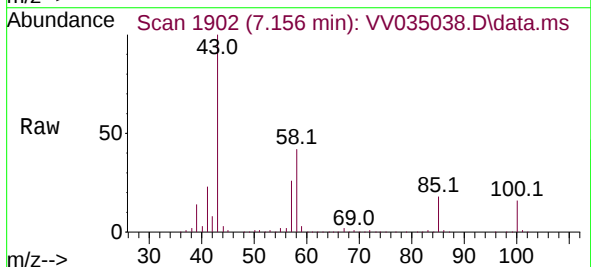
Instrument :
MSVOA_V
ClientSampleId :

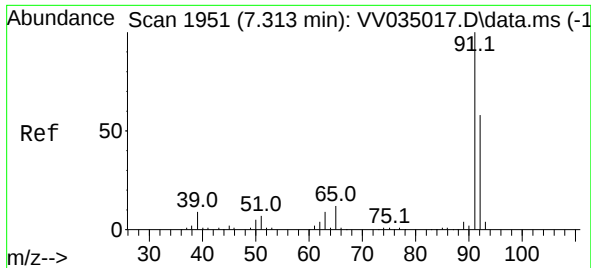
Tgt Ion: 75 Resp: 221341
Ion Ratio Lower Upper
75 100
77 31.1 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 138.818 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 43 Resp: 461247
Ion Ratio Lower Upper
43 100
58 42.6 33.8 50.8
100 16.0 13.0 19.4





#42

Toluene

Concen: 55.206 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

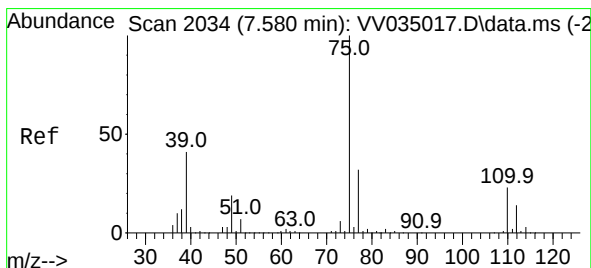
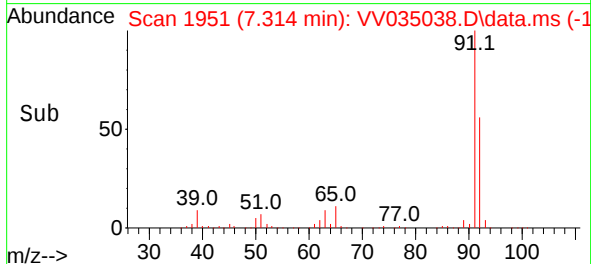
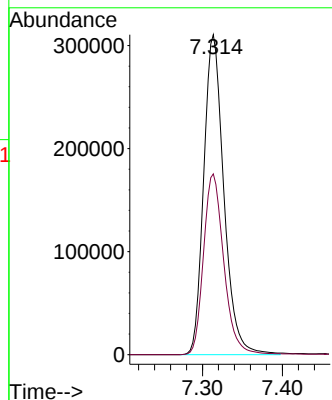
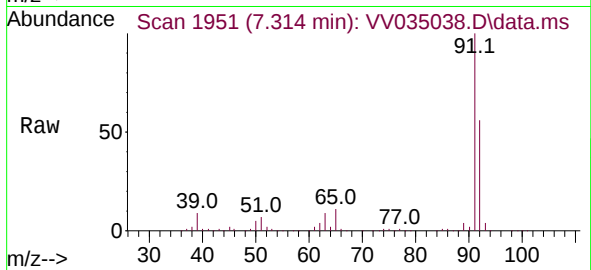
ClientSampleId :

Tgt Ion: 91 Resp: 544274

Ion Ratio Lower Upper

91 100

92 56.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.948 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035038.D

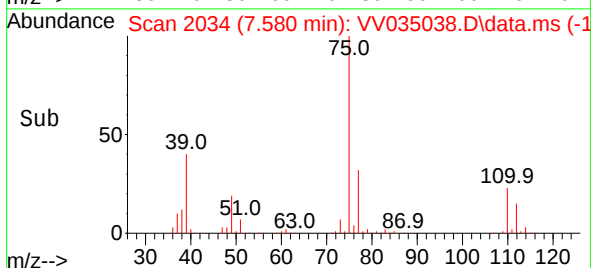
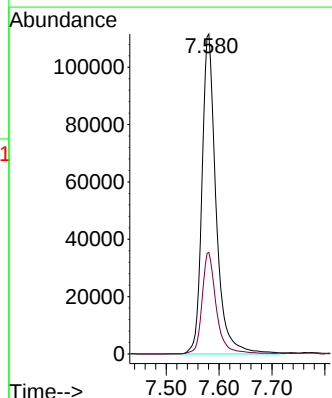
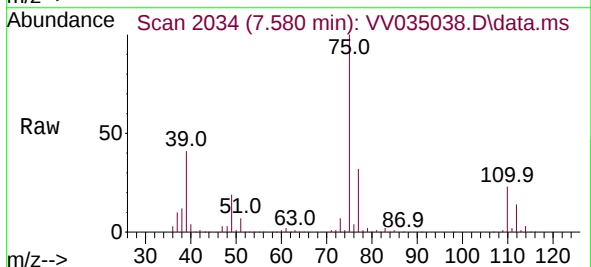
Acq: 06 Apr 2024 05:01

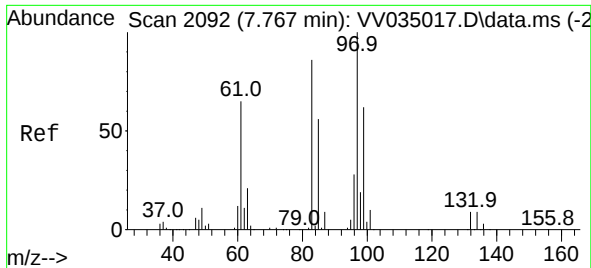
Tgt Ion: 75 Resp: 206958

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



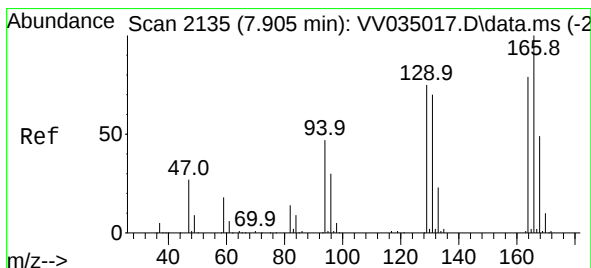
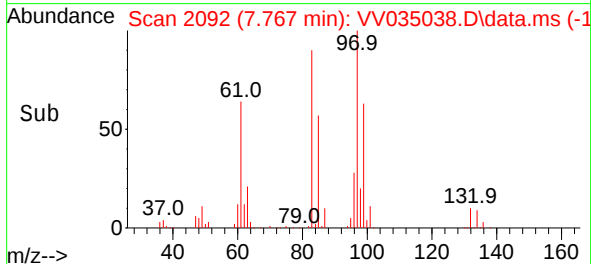
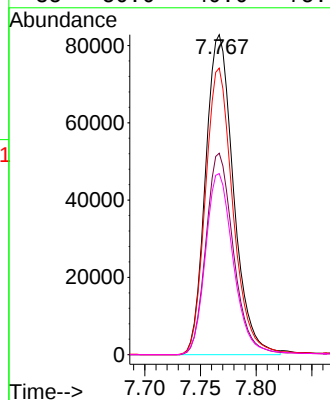
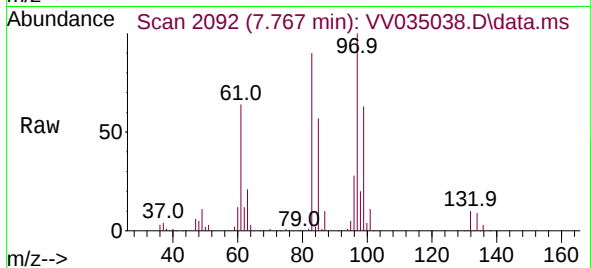


#45
1,1,2-Trichloroethane
Concen: 59.045 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 144832

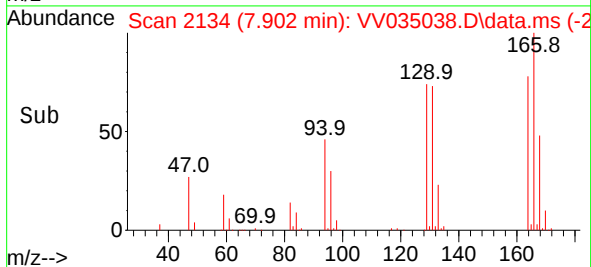
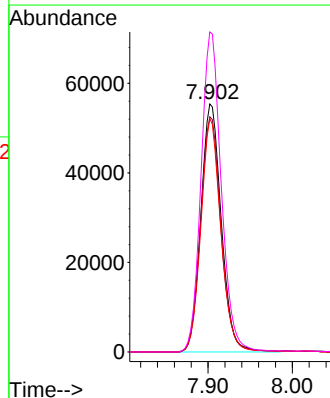
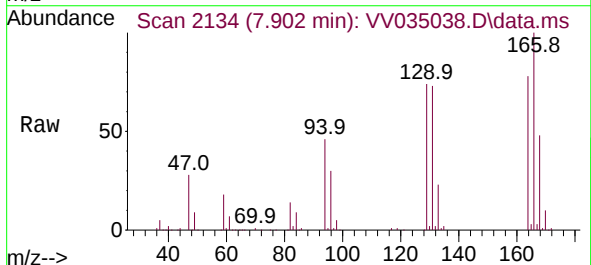
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.3
83	89.6	61.6	114.4
85	56.6	40.6	75.4

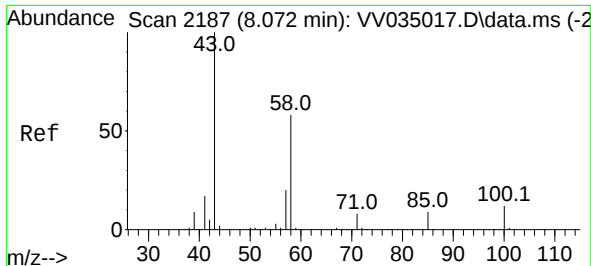


#46
Tetrachloroethene
Concen: 52.623 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 164 Resp: 93435

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.6	127.4
131	94.1	65.7	122.1
166	129.0	89.0	165.2

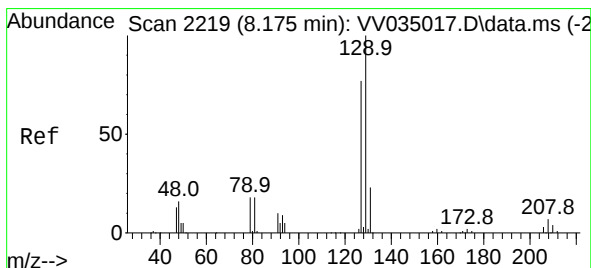
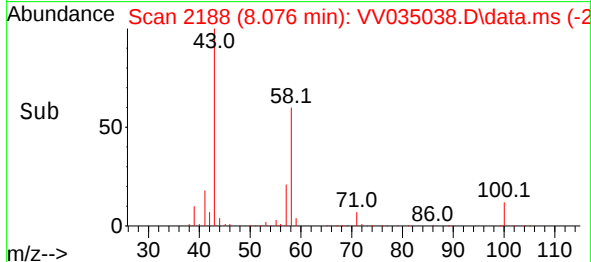
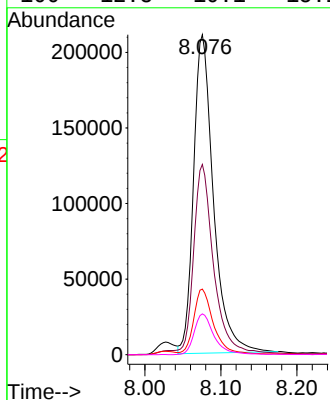
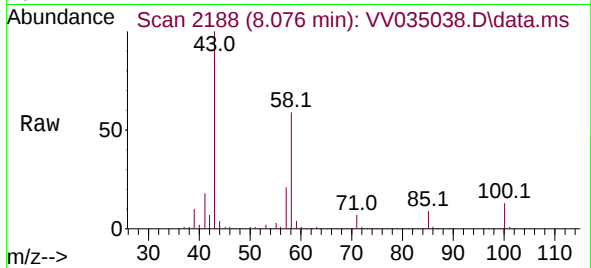




#48
2-Hexanone
Concen: 136.115 ug/L
RT: 8.076 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

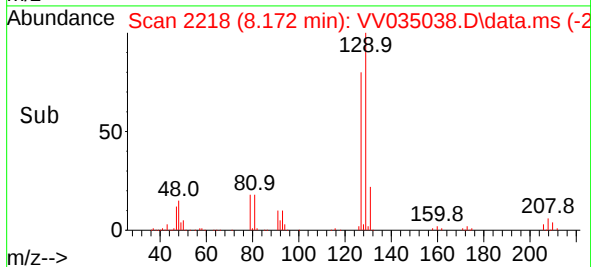
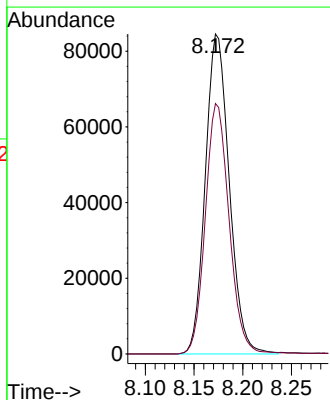
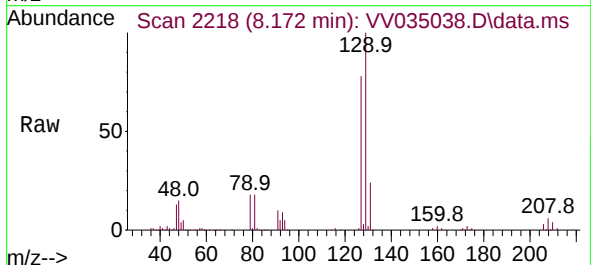
Instrument :
MSVOA_V
ClientSampleId :

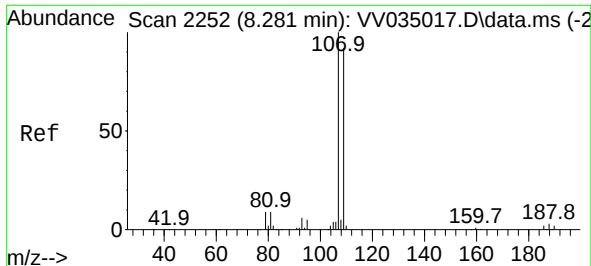
Tgt Ion: 43 Resp: 384658
Ion Ratio Lower Upper
43 100
58 56.5 45.4 68.2
57 20.1 16.2 24.4
100 12.8 10.1 15.1



#49
Dibromochloromethane
Concen: 59.580 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion:129 Resp: 144745
Ion Ratio Lower Upper
129 100
127 78.2 54.1 100.5

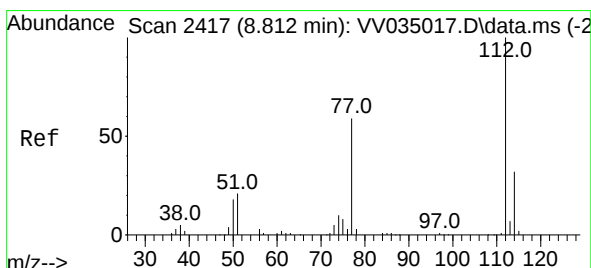
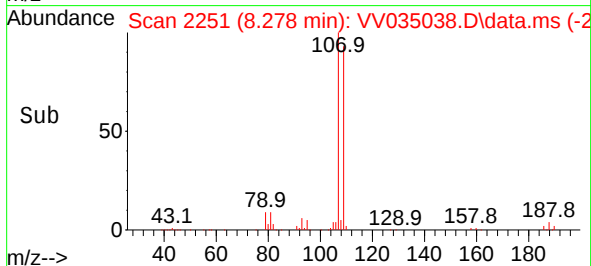
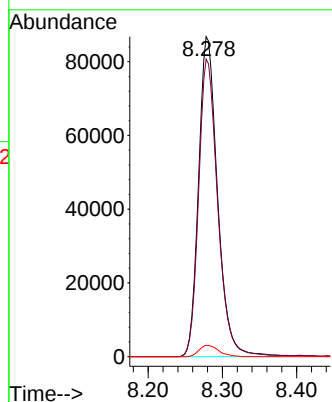
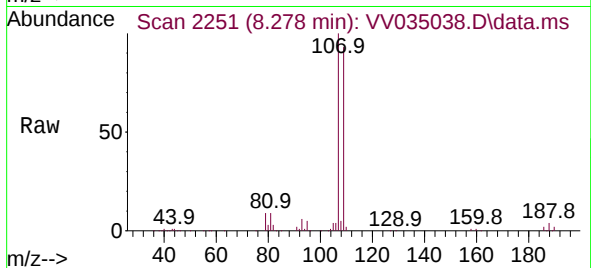




#50
1,2-Dibromoethane
Concen: 58.474 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

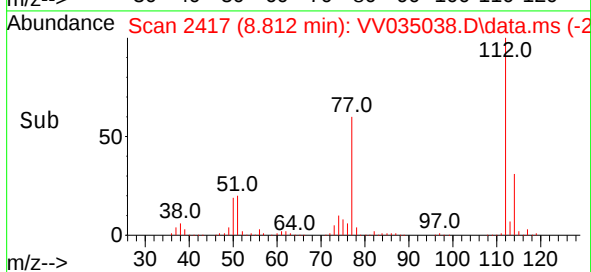
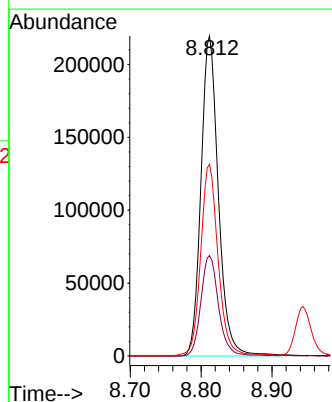
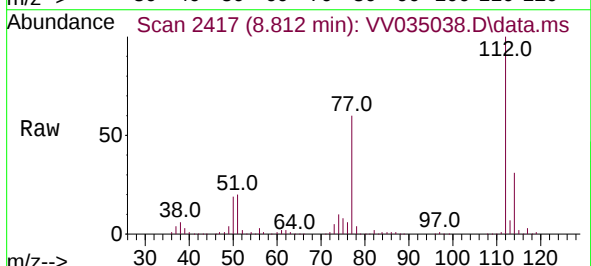
Instrument :
MSVOA_V
ClientSampleId :

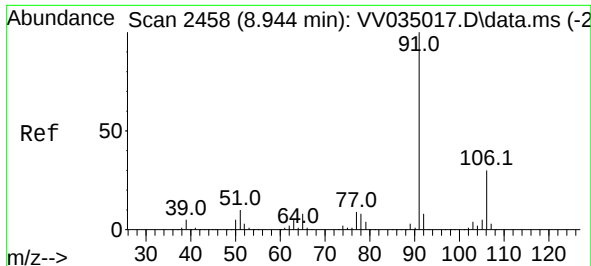
Tgt Ion:107 Resp: 154420
Ion Ratio Lower Upper
107 100
109 93.0 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 58.580 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion:112 Resp: 374315
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 59.9 47.4 71.2





#52

Ethylbenzene

Concen: 53.756 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

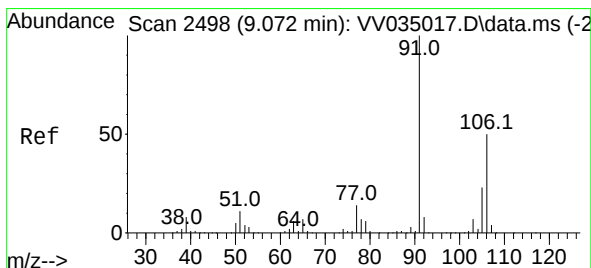
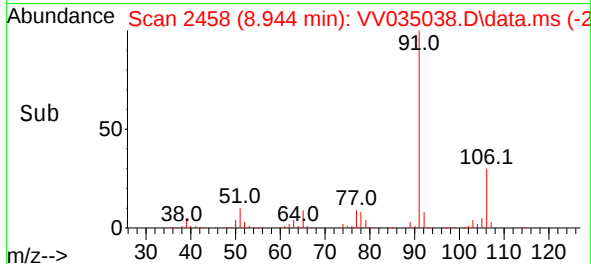
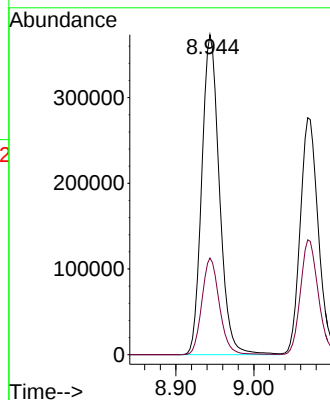
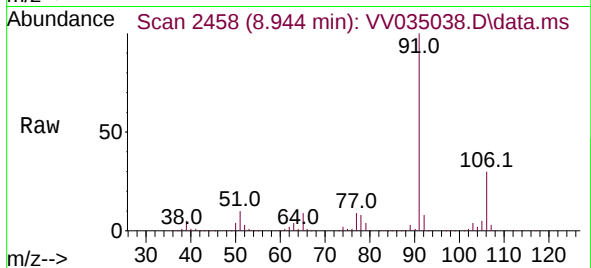
ClientSampleId :

Tgt Ion: 91 Resp: 587368

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



#53

m,p-Xylene

Concen: 53.445 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035038.D

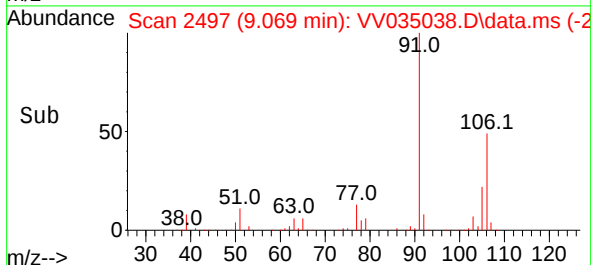
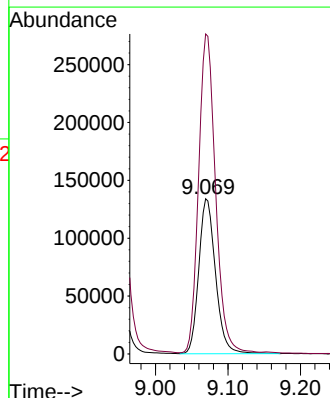
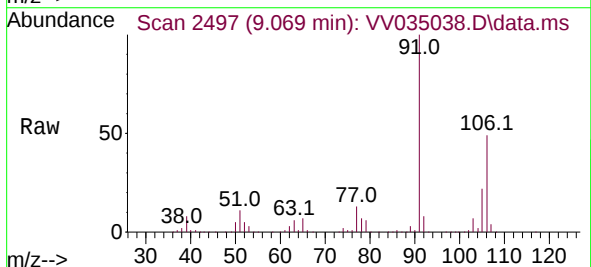
Acq: 06 Apr 2024 05:01

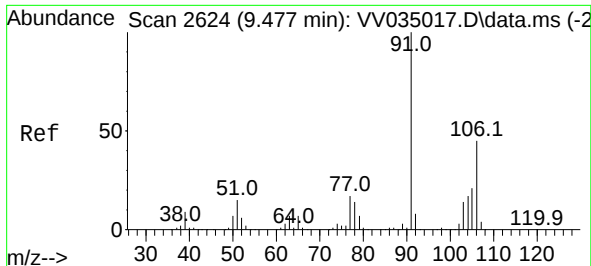
Tgt Ion: 106 Resp: 215057

Ion Ratio Lower Upper

106 100

91 206.1 144.8 269.0





#54

o-Xylene

Concen: 54.940 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

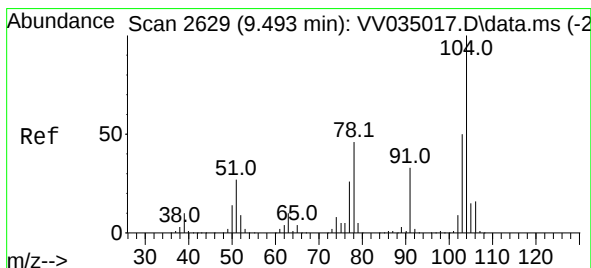
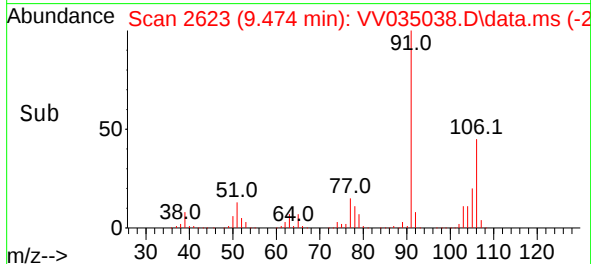
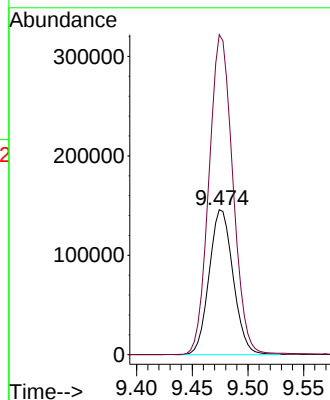
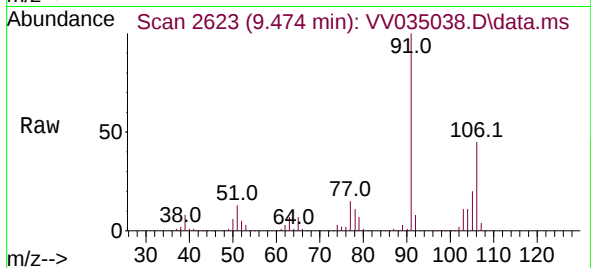
ClientSampleId :

Tgt Ion:106 Resp: 218739

Ion Ratio Lower Upper

106 100

91 220.6 151.3 280.9



#55

Styrene

Concen: 55.368 ug/L

RT: 9.494 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035038.D

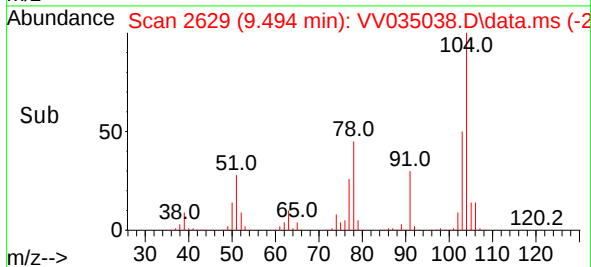
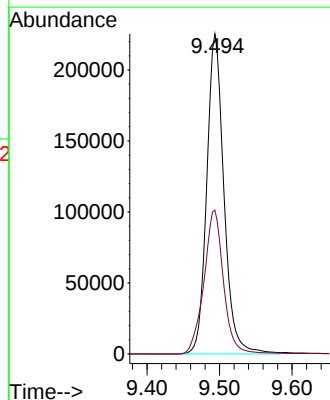
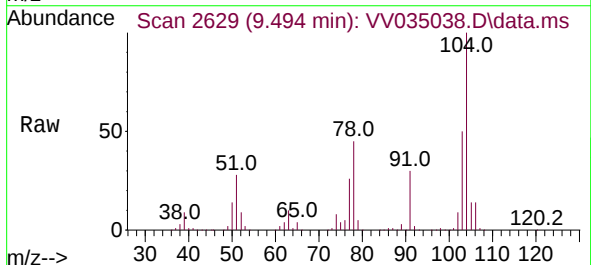
Acq: 06 Apr 2024 05:01

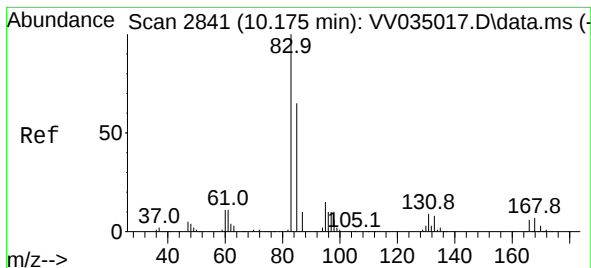
Tgt Ion:104 Resp: 372521

Ion Ratio Lower Upper

104 100

78 44.9 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 65.735 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :

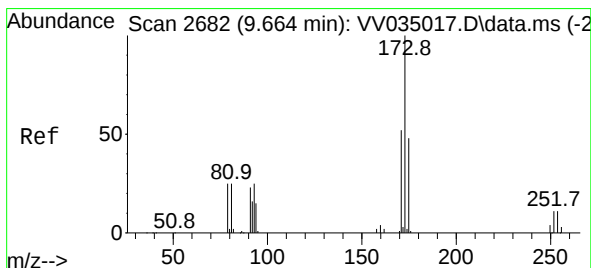
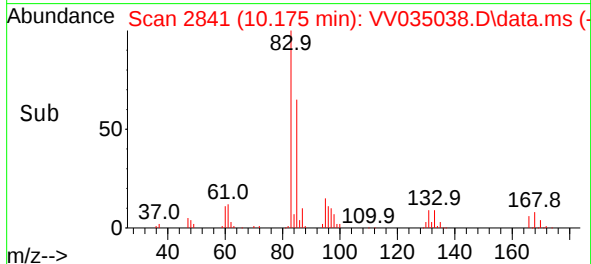
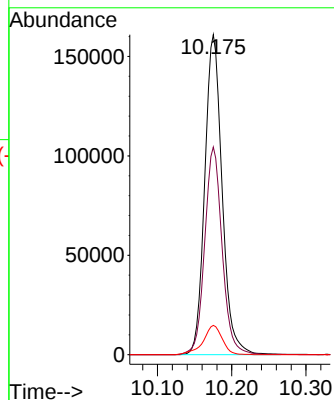
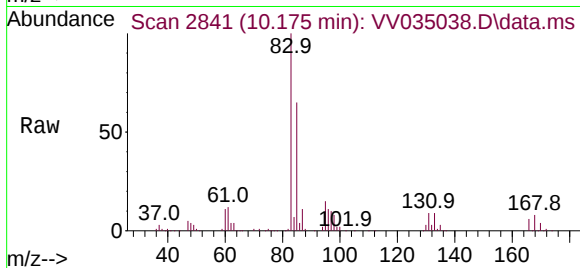
Tgt Ion: 83 Resp: 261247

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

131 9.1 6.9 10.3



#59

Bromoform

Concen: 70.242 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

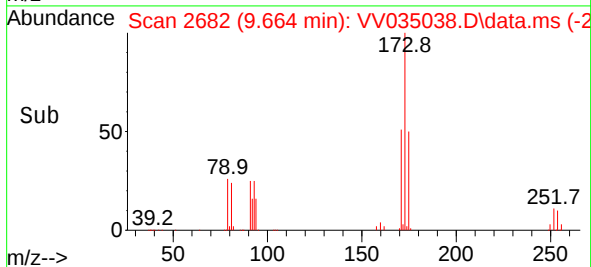
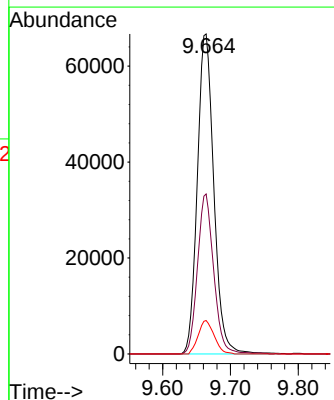
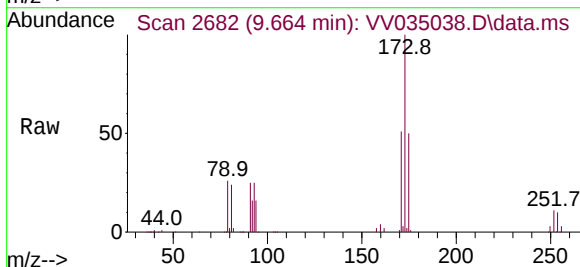
Tgt Ion: 173 Resp: 112826

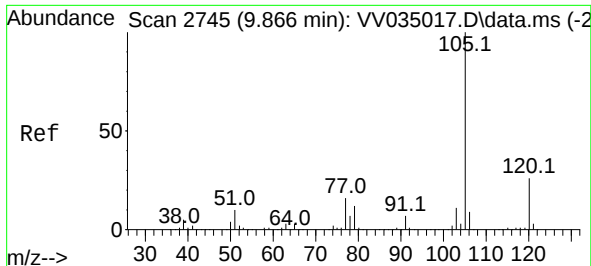
Ion Ratio Lower Upper

173 100

175 48.7 39.3 58.9

254 10.1 7.5 11.3

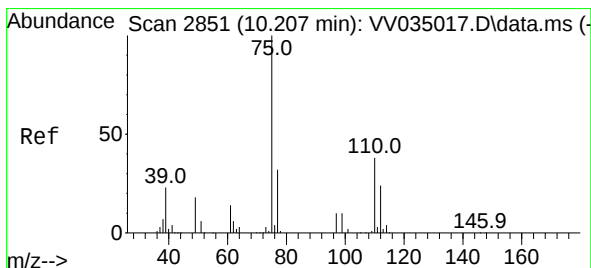
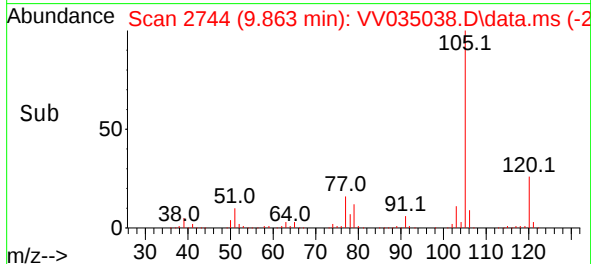
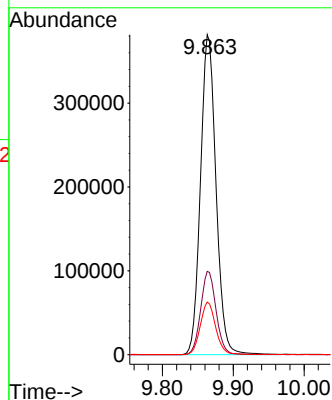
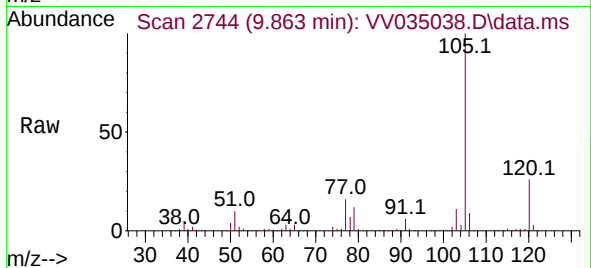




#60
Isopropylbenzene
Concen: 57.448 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

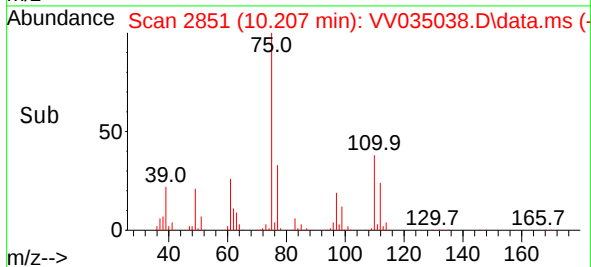
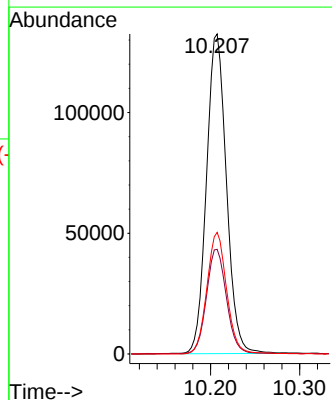
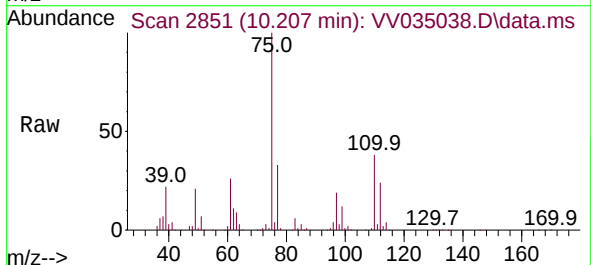
Instrument :
MSVOA_V
ClientSampleId :

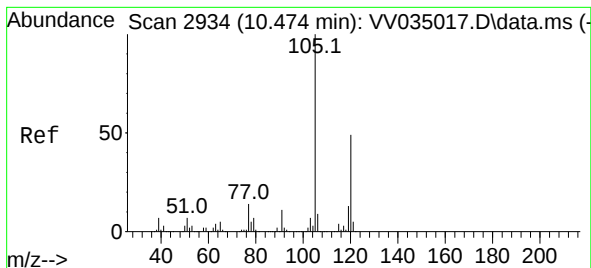
Tgt Ion:105 Resp: 580497
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 67.638 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion: 75 Resp: 205434
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 37.6 30.5 45.7

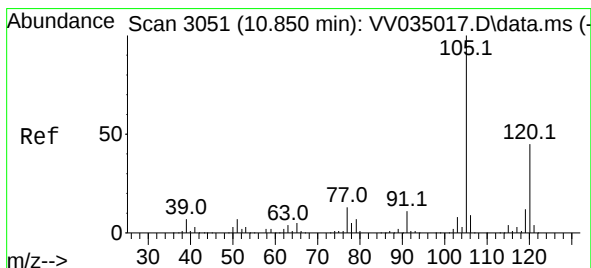
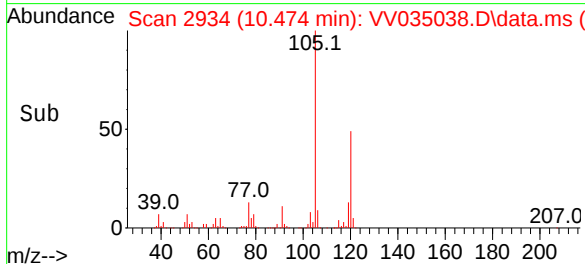
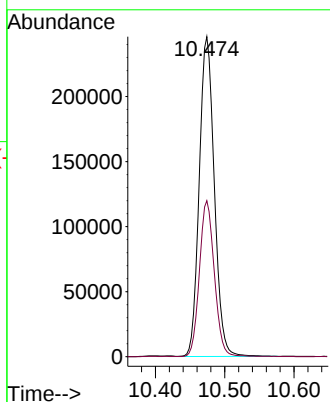
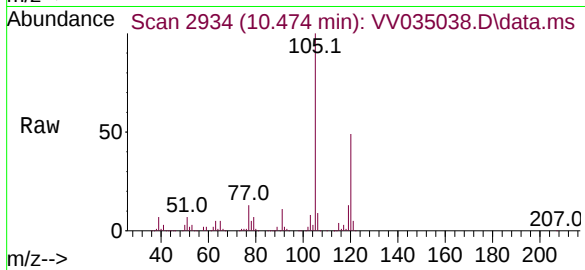




#62
1,3,5-Trimethylbenzene
Concen: 56.653 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

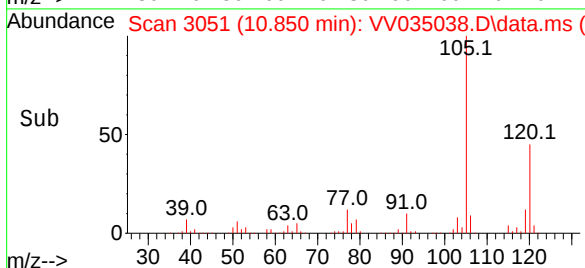
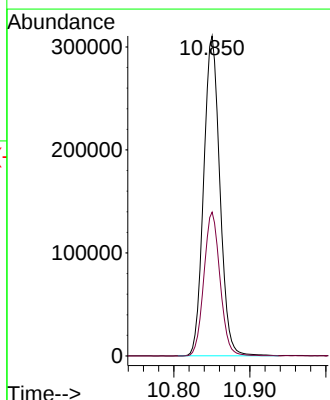
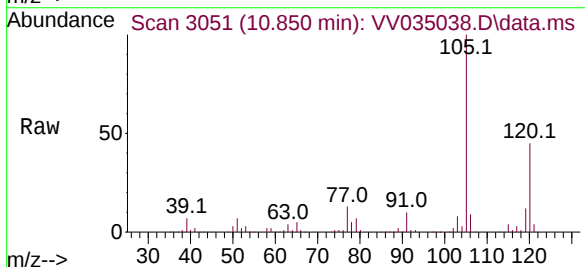
Instrument :
MSVOA_V
ClientSampleId :

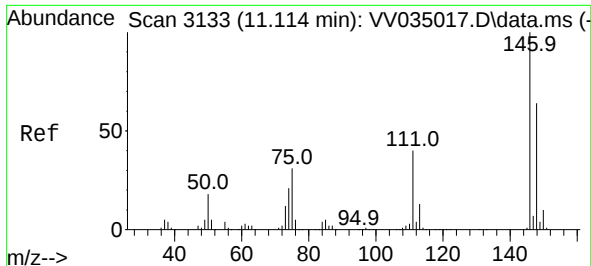
Tgt Ion:105 Resp: 371786
Ion Ratio Lower Upper
105 100
120 48.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 56.629 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion:105 Resp: 459472
Ion Ratio Lower Upper
105 100
120 45.0 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 55.231 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :

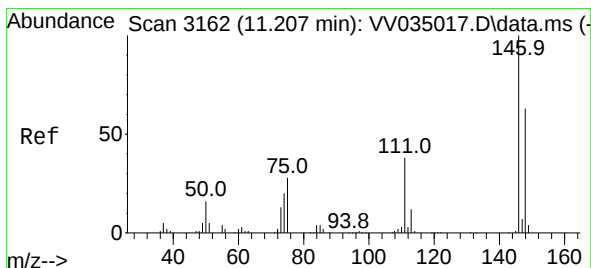
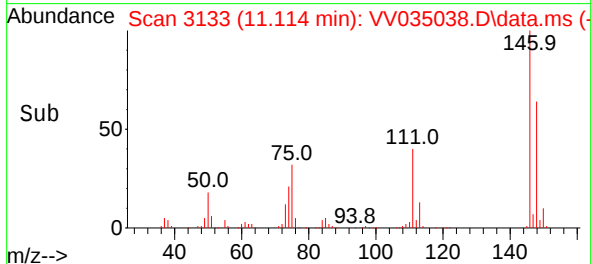
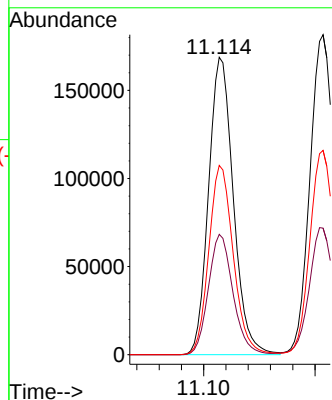
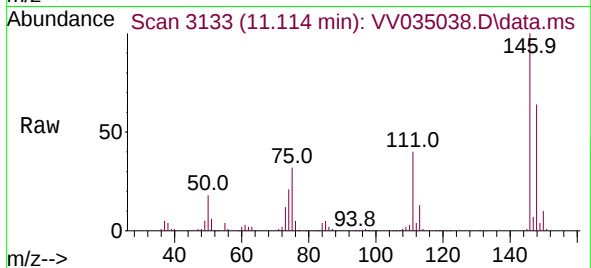
Tgt Ion:146 Resp: 260808

Ion Ratio Lower Upper

146 100

111 40.4 28.7 53.3

148 63.6 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 60.256 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

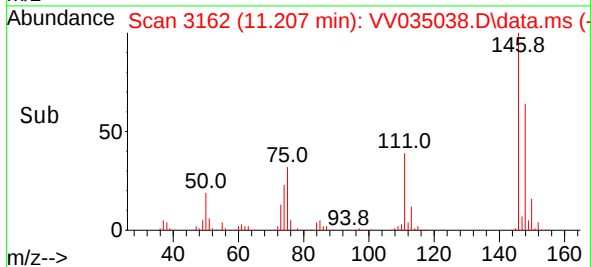
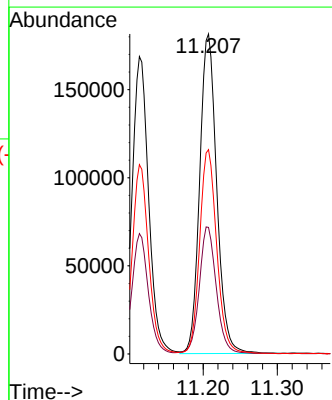
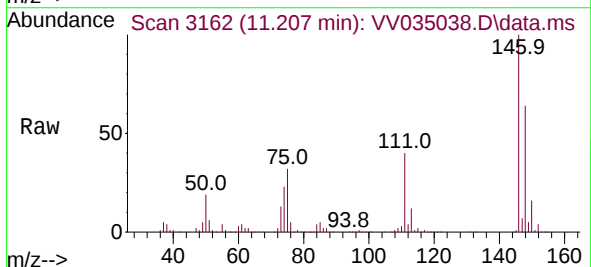
Tgt Ion:146 Resp: 289351

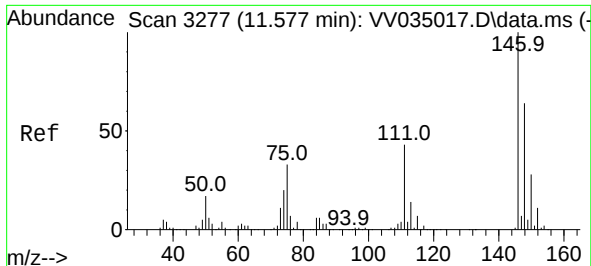
Ion Ratio Lower Upper

146 100

111 39.6 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 61.701 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :

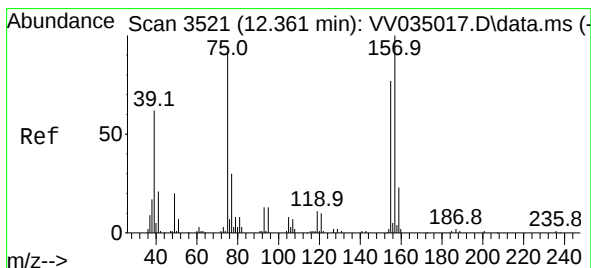
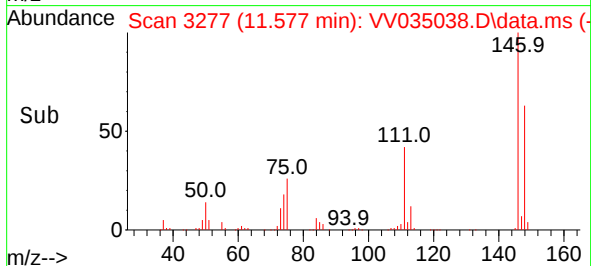
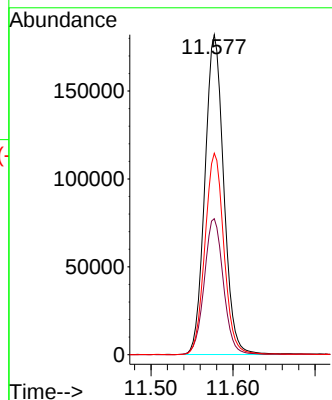
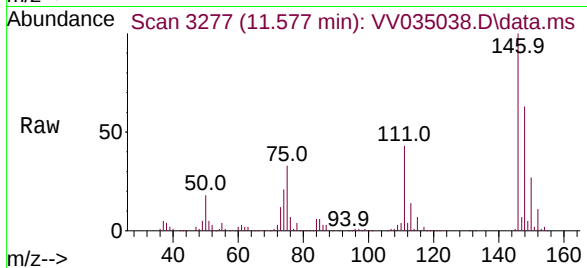
Tgt Ion:146 Resp: 290245

Ion Ratio Lower Upper

146 100

111 42.5 34.6 52.0

148 63.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 67.790 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

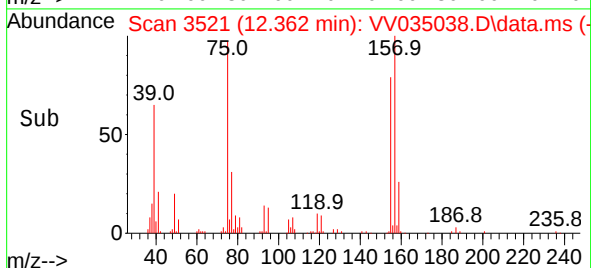
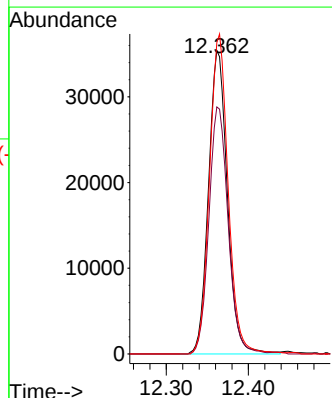
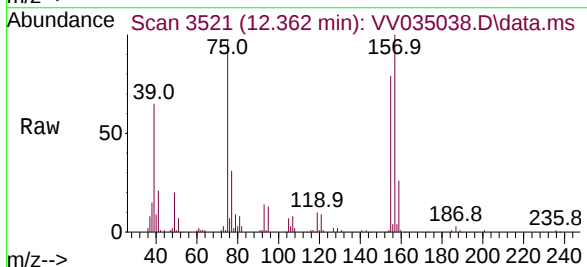
Tgt Ion: 75 Resp: 56725

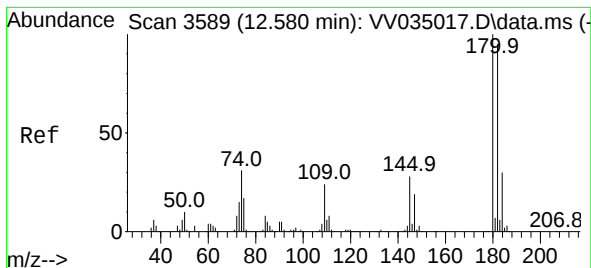
Ion Ratio Lower Upper

75 100

155 81.4 63.0 94.6

157 102.6 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 50.276 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

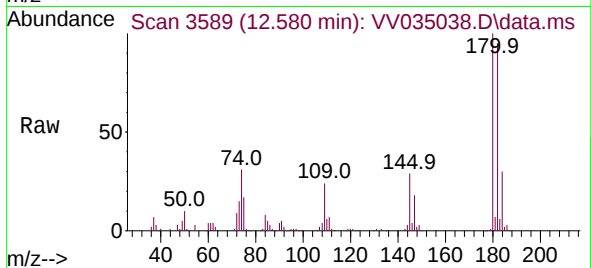
Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 171100

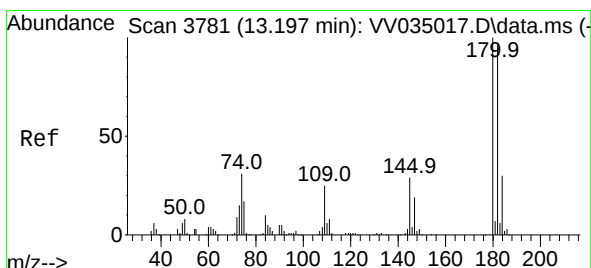
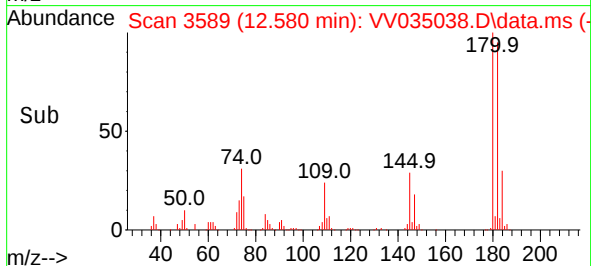
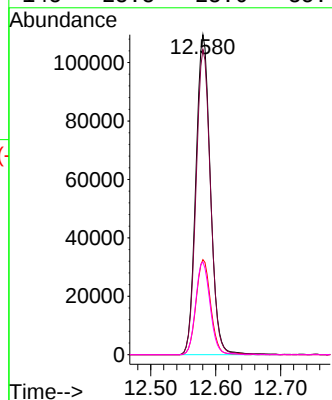
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

184 29.6 24.0 36.0

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.370 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035038.D

Acq: 06 Apr 2024 05:01

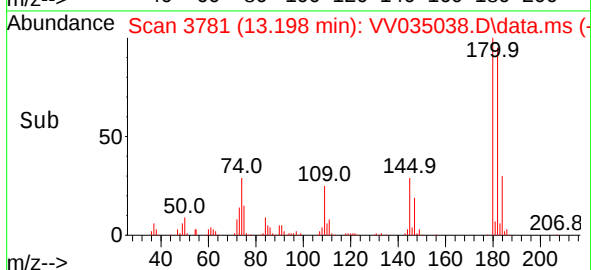
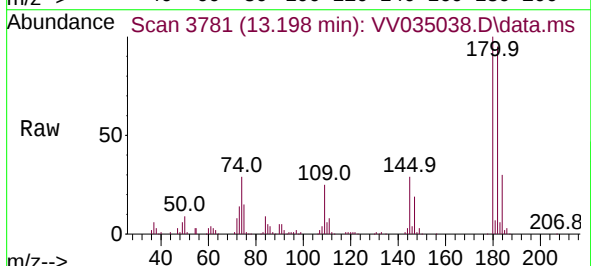
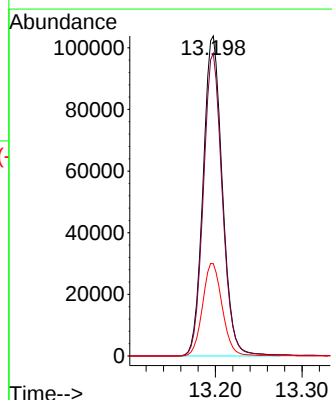
Tgt Ion:180 Resp: 160590

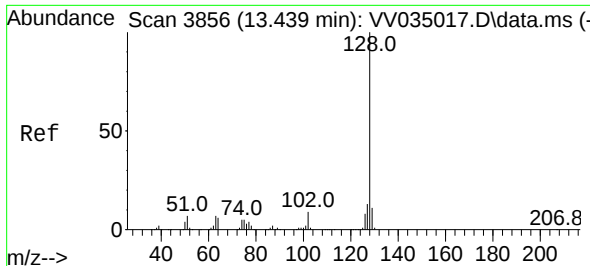
Ion Ratio Lower Upper

180 100

182 93.1 75.6 113.4

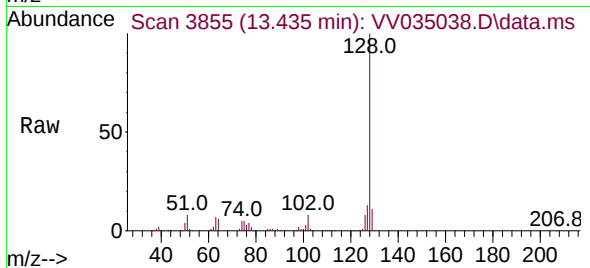
145 29.4 24.1 36.1



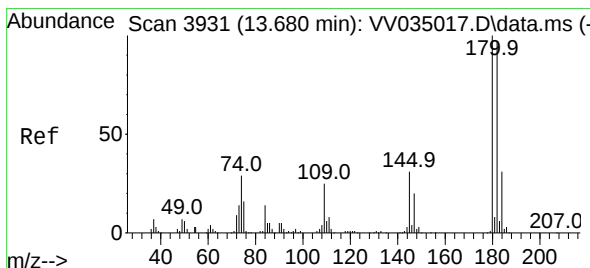
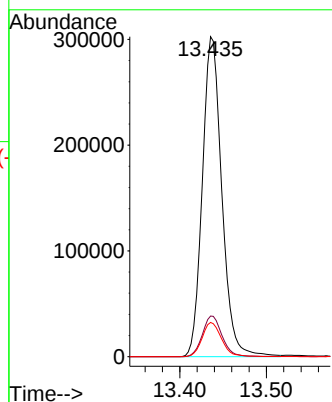
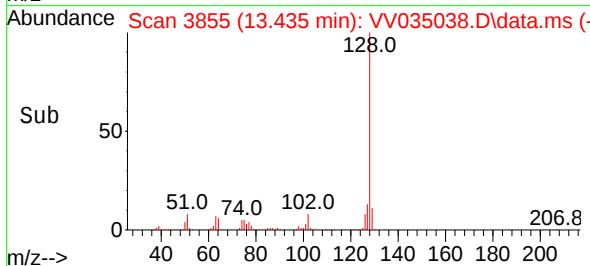


#71
Naphthalene
Concen: 54.639 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 473887
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.470 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV035038.D
Acq: 06 Apr 2024 05:01

Tgt Ion:180 Resp: 158605
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.2
145 30.7 25.8 38.6

