

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035983.D
 Acq On : 06 Jun 2024 13:33
 Operator : SY/MD
 Sample : P2695-27MSD
 Misc : 5.33g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:18:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	390540	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	255156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	129124	17.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.920%		
7) Chloroethane-d5	1.526	69	122521	21.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.600%		
11) 1,1-Dichloroethene-d2	2.050	65	56025	17.528	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.120%		
21) 2-Butanone-d5	3.841	46	60827	36.924	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.840%		
24) Chloroform-d	4.243	84	266504	21.464	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.840%		
26) 1,2-Dichloroethane-d4	4.941	65	142917	21.954	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.800%		
32) Benzene-d6	4.957	84	460796	30.381	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	121.520%		
36) 1,2-Dichloropropane-d6	5.986	67	164698	34.482	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	137.920%#		
41) Toluene-d8	7.243	98	307446	22.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	7.555	79	45762	23.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.480%		
47) 2-Hexanone-d5	8.034	63	35253	54.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.960%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	88689	24.849	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	38529	18.461	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.840%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.102	85	76149	10.814	ug/L	99
3) Chloromethane	1.211	50	80145	9.917	ug/L	99
5) Vinyl chloride	1.278	62	92467	10.869	ug/L	99
6) Bromomethane	1.481	94	47728	9.043	ug/L	100
8) Chloroethane	1.545	64	66109	12.501	ug/L	99
9) Trichlorofluoromethane	1.706	101	121218	11.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	68319	10.189	ug/L	98
12) 1,1-Dichloroethene	2.063	96	71407	11.418	ug/L	85
13) Acetone	2.388	43	29620	11.543	ug/L	70
14) Carbon disulfide	2.233	76	95175	4.382	ug/L	100
15) Methyl Acetate	2.388	43	32759	10.270	ug/L #	87
16) Methylene chloride	2.442	84	140327	15.879	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	69675	10.488	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	235612	15.798	ug/L	97
19) 1,1-Dichloroethane	3.105	63	186460	14.738	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	85260	12.772	ug/L	99
22) 2-Butanone	3.921	43	37329	17.144	ug/L #	72
23) Bromochloromethane	4.146	128	44878	13.403	ug/L	97
25) Chloroform	4.272	83	187983	14.445	ug/L	99

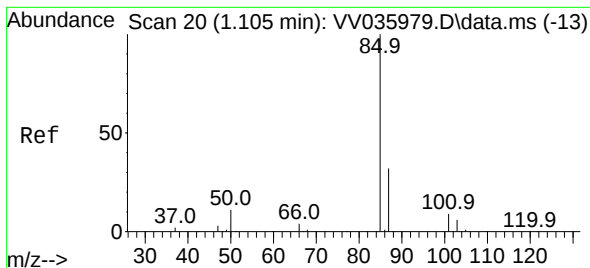
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	108285	13.328	ug/L	99
29) Cyclohexane	4.577	56	45235	7.446	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	136078	19.508	ug/L	100
31) Carbon tetrachloride	4.728	117	95973	15.683	ug/L	99
33) Benzene	5.008	78	322270	19.312	ug/L	100
34) Trichloroethene	5.831	95	73408	14.353	ug/L	99
35) Methylcyclohexane	6.047	83	34686	4.904	ug/L	94
37) 1,2-Dichloropropane	6.092	63	97314	22.208	ug/L	99
38) Bromodichloromethane	6.433	83	117897	20.328	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	93749	14.304	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	110491	46.411	ug/L	97
42) Toluene	7.313	91	260956	15.303	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	89157	15.749	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	72765	20.069	ug/L	98
46) Tetrachloroethene	7.902	164	35814	9.574	ug/L	99
48) 2-Hexanone	8.082	43	77297	41.531	ug/L	93
49) Dibromochloromethane	8.175	129	69961	17.631	ug/L	98
50) 1,2-Dibromoethane	8.285	107	59260	17.034	ug/L	99
51) Chlorobenzene	8.815	112	139498	12.007	ug/L	99
52) Ethylbenzene	8.947	91	187638	10.285	ug/L	100
53) m,p-Xylene	9.072	106	63853	9.315	ug/L	99
54) o-Xylene	9.477	106	62601	9.684	ug/L	100
55) Styrene	9.497	104	100492	8.815	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	55199	17.003	ug/L	99
59) Bromoform	9.667	173	35338	32.924	ug/L	99
60) Isopropylbenzene	9.866	105	135909	18.613	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	53821	39.984	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	77528	14.643	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	73331	12.854	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	48735	12.709	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	48122	12.158	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	45290	12.551	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8092	26.884	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	17022	5.934	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	11088	4.910	ug/L	96
71) Naphthalene	13.442	128	24422	6.626	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	8435	4.093	ug/L	96

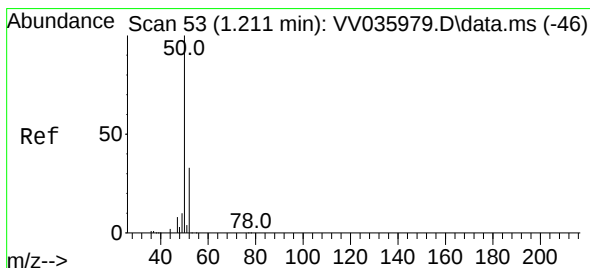
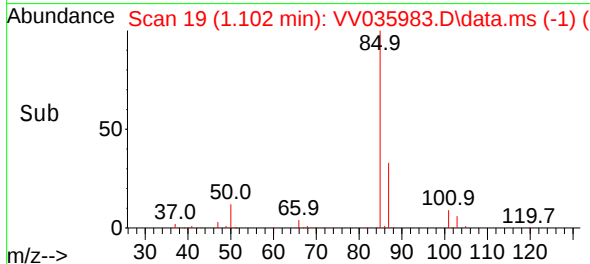
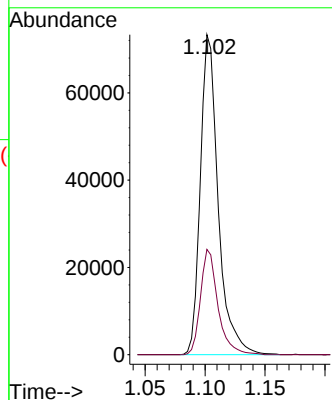
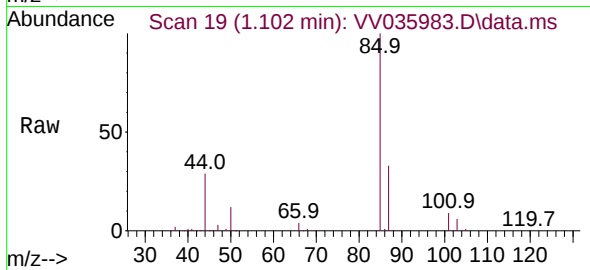
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#2
Dichlorodifluoromethane
Concen: 10.814 ug/L
RT: 1.102 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

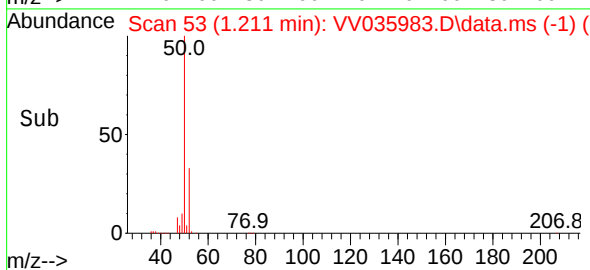
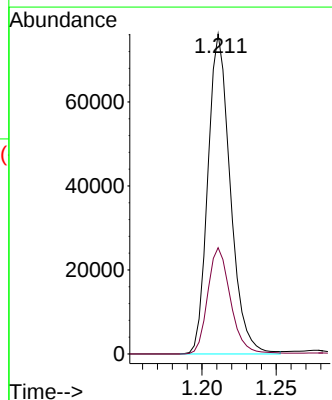
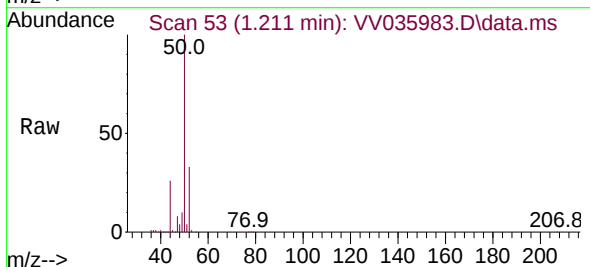
Instrument :
MSVOA_V
ClientSampleId :

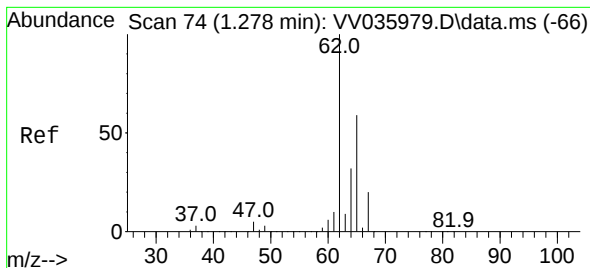
Tgt Ion: 85 Resp: 76149
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 9.917 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion: 50 Resp: 80145
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4





#5

Vinyl chloride

Concen: 10.869 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

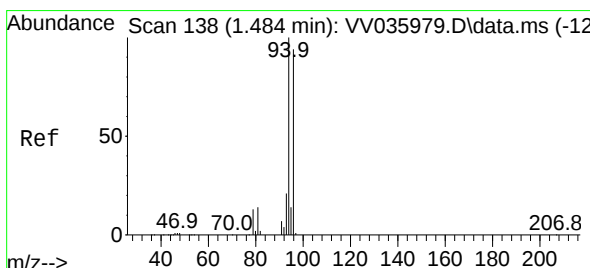
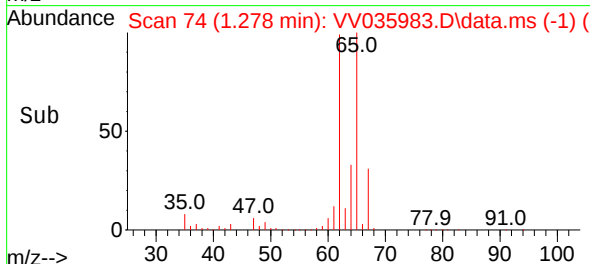
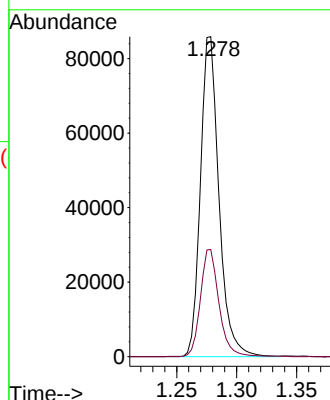
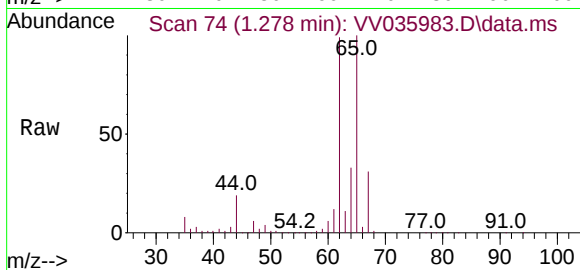
ClientSampleId :

Tgt Ion: 62 Resp: 92467

Ion Ratio Lower Upper

62 100

64 33.5 22.9 42.5



#6

Bromomethane

Concen: 9.043 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV035983.D

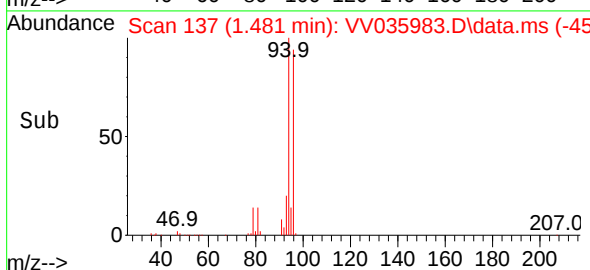
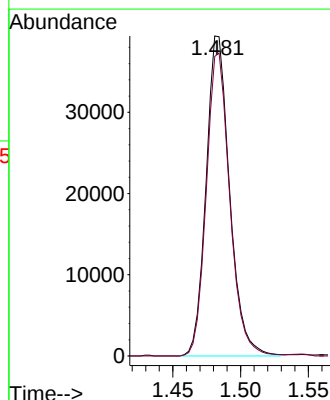
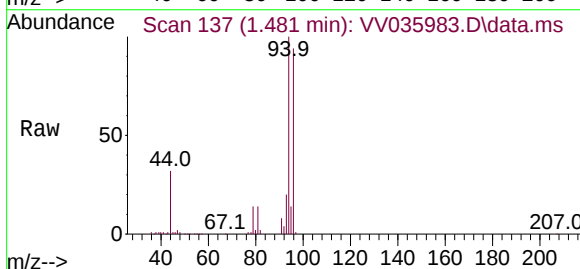
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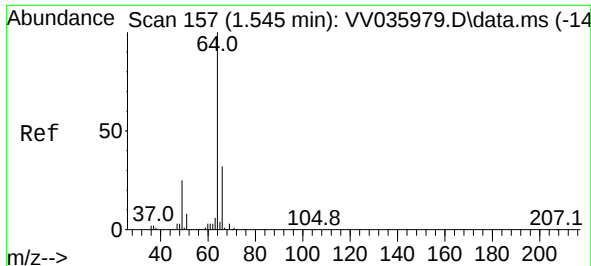
Tgt Ion: 94 Resp: 47728

Ion Ratio Lower Upper

94 100

96 93.6 65.7 122.1

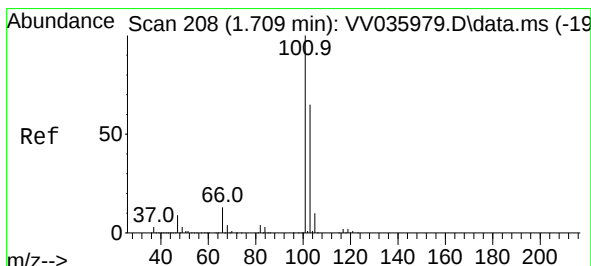
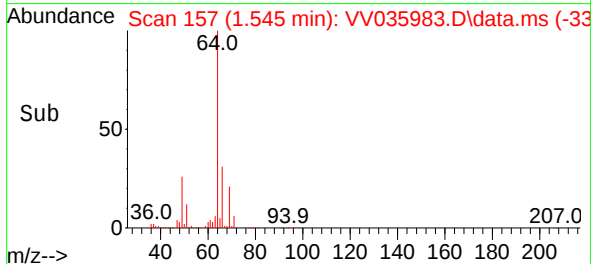
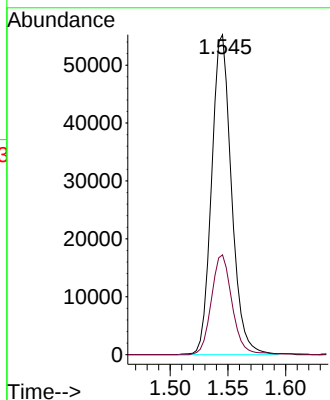
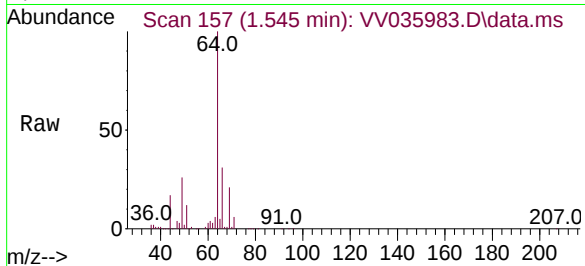




#8
Chloroethane
Concen: 12.501 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

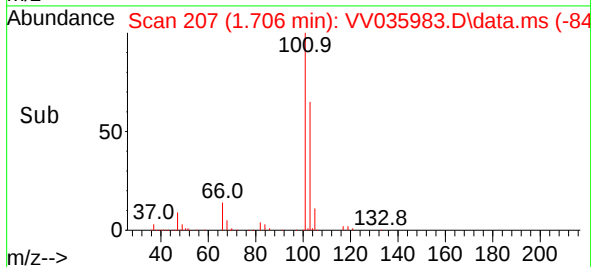
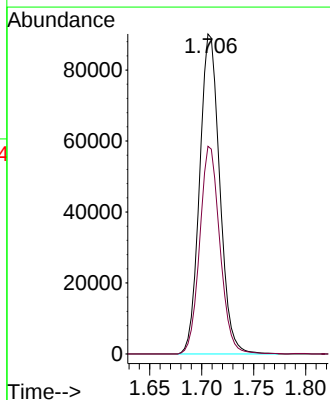
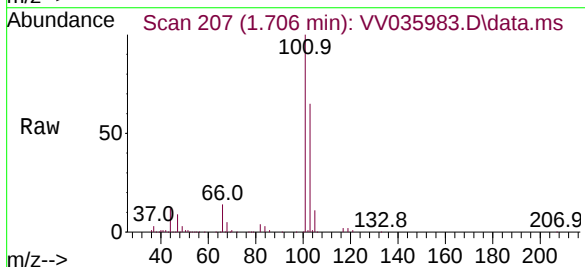
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ClientSampleId :

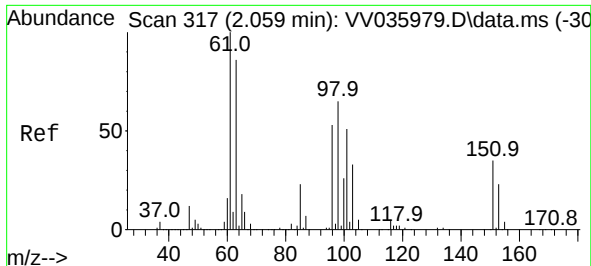
Tgt Ion: 64 Resp: 66109
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 11.473 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion:101 Resp: 121218
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

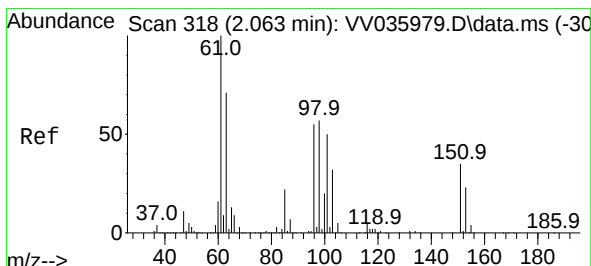
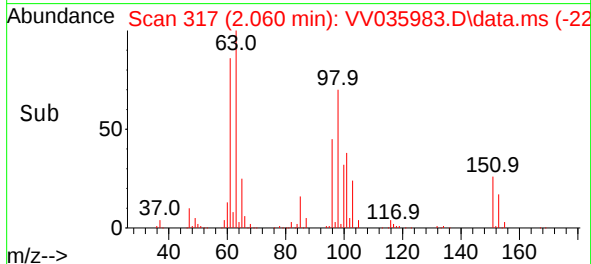
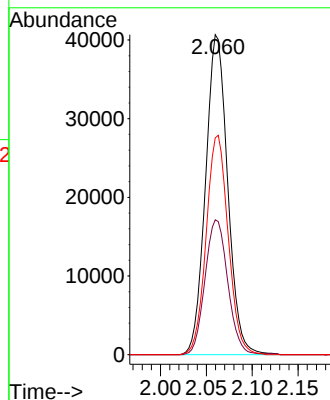
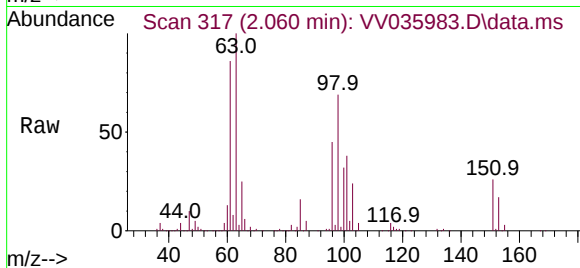




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.189 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV035983.D
 Acq: 06 Jun 2024 13:33

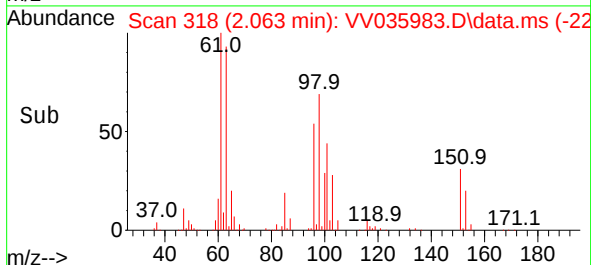
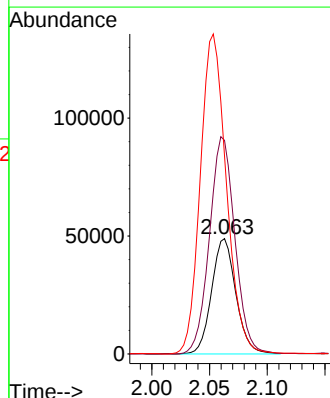
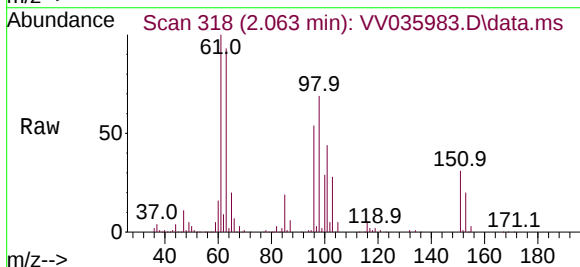
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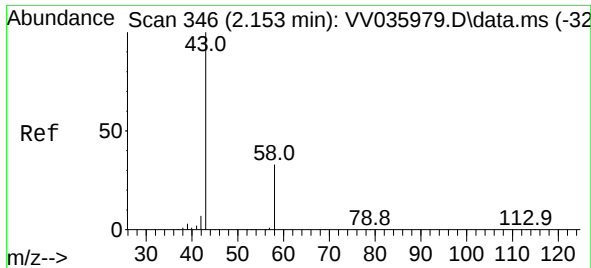
Tgt Ion:101 Resp: 68319
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.5 51.7
 151 68.3 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 11.418 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035983.D
 Acq: 06 Jun 2024 13:33

Tgt Ion: 96 Resp: 71407
 Ion Ratio Lower Upper
 96 100
 61 185.2 127.3 236.3
 63 171.8 93.7 173.9





#13

Acetone

Concen: 11.543 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.235 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

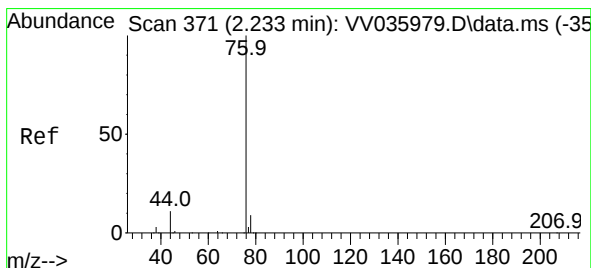
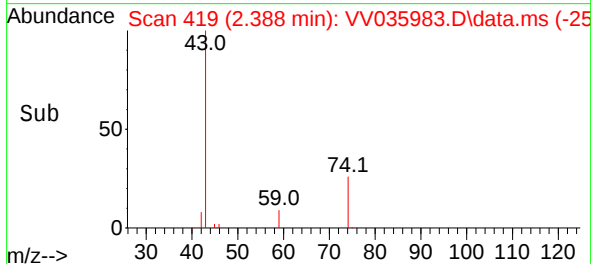
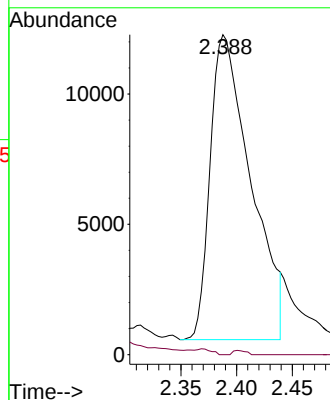
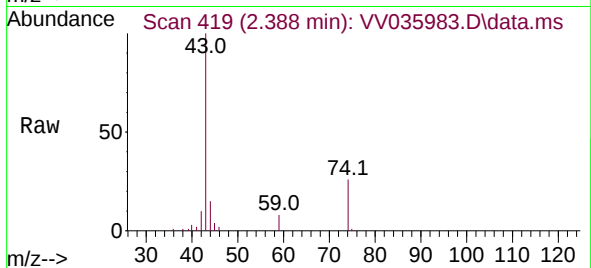
ClientSampleId :

Tgt Ion: 43 Resp: 29620

Ion Ratio Lower Upper

43 100

58 0.4 0.0 24.2



#14

Carbon disulfide

Concen: 4.382 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035983.D

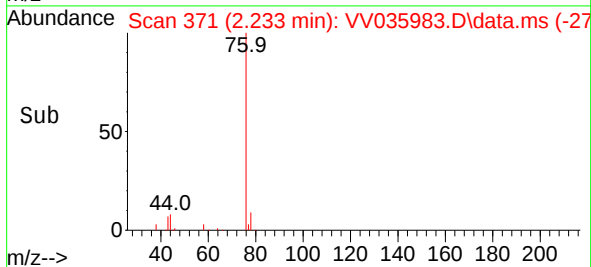
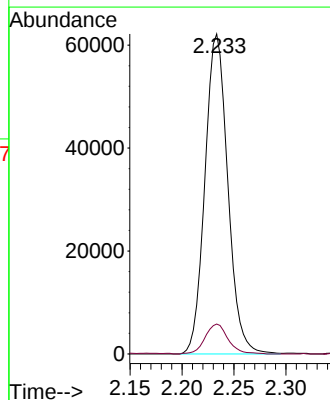
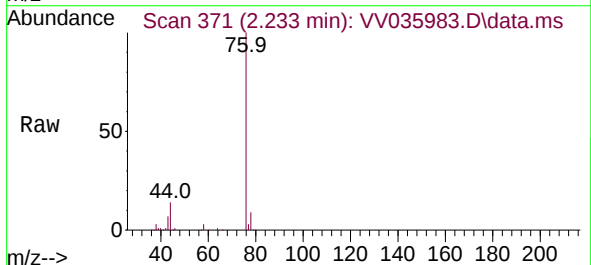
Acq: 06 Jun 2024 13:33

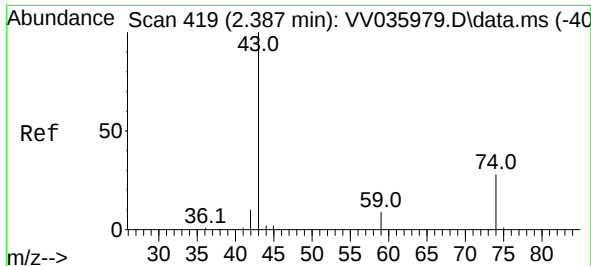
Tgt Ion: 76 Resp: 95175

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 10.270 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

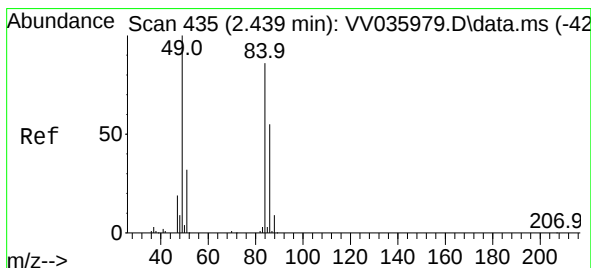
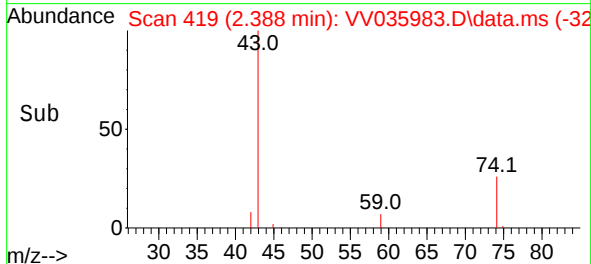
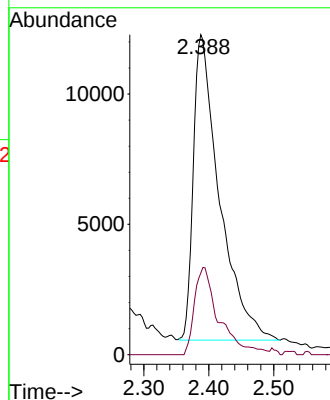
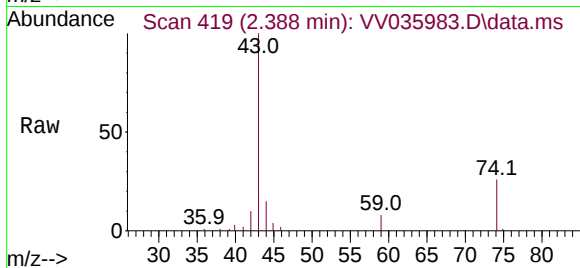
ClientSampleId :

Tgt Ion: 43 Resp: 32759

Ion Ratio Lower Upper

43 100

74 20.2 21.4 32.2#



#16

Methylene chloride

Concen: 15.879 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

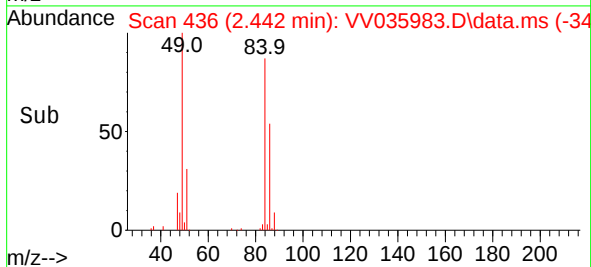
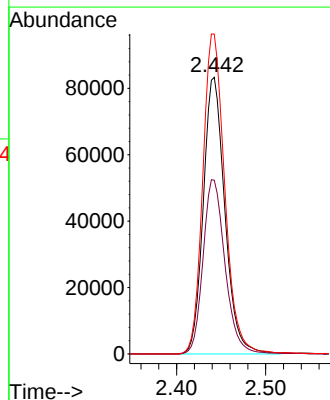
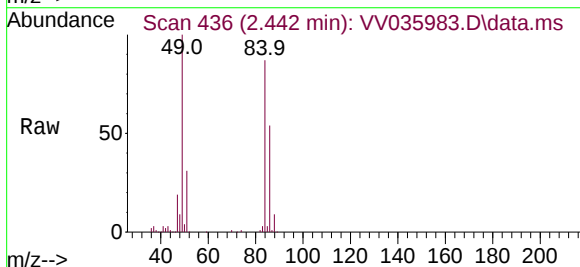
Tgt Ion: 84 Resp: 140327

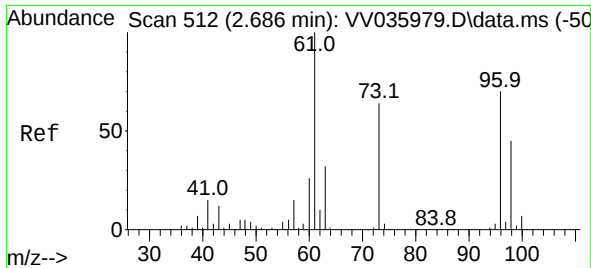
Ion Ratio Lower Upper

84 100

86 62.8 44.6 82.8

49 115.6 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 10.488 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

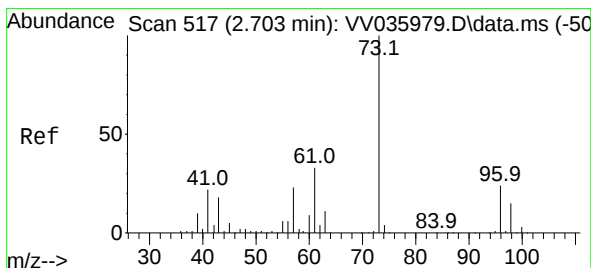
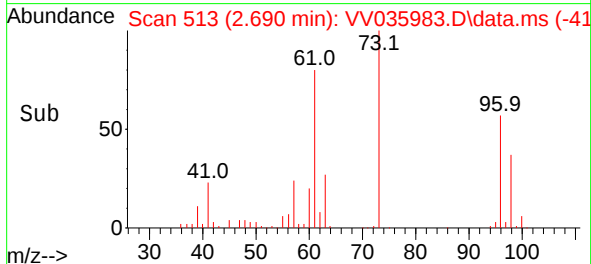
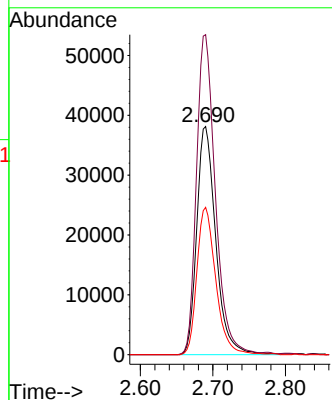
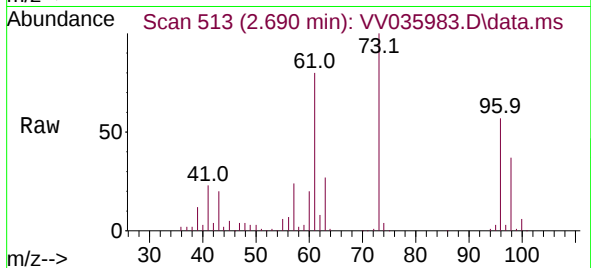
Tgt Ion: 96 Resp: 69675

Ion Ratio Lower Upper

96 100

61 140.2 99.4 184.6

98 64.6 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 15.798 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

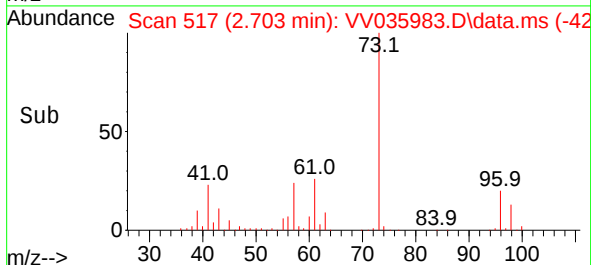
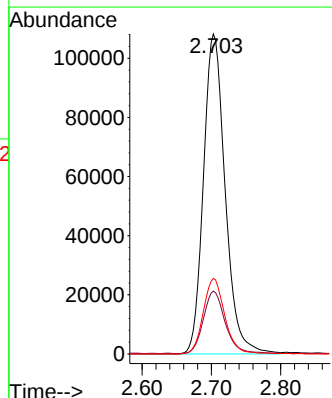
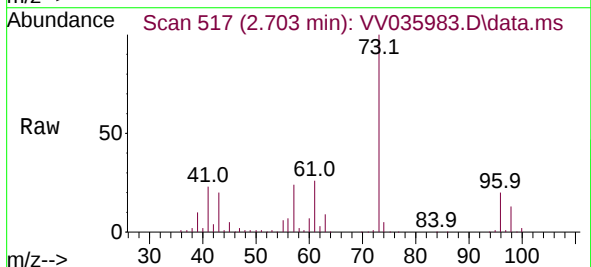
Tgt Ion: 73 Resp: 235612

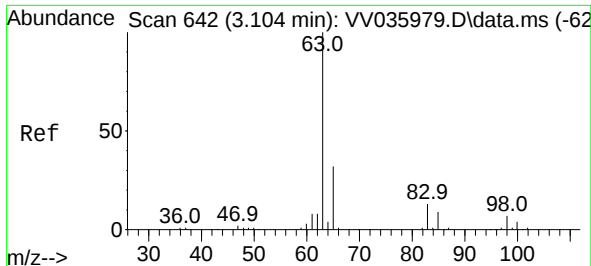
Ion Ratio Lower Upper

73 100

43 19.6 14.3 21.5

57 23.2 17.8 26.6

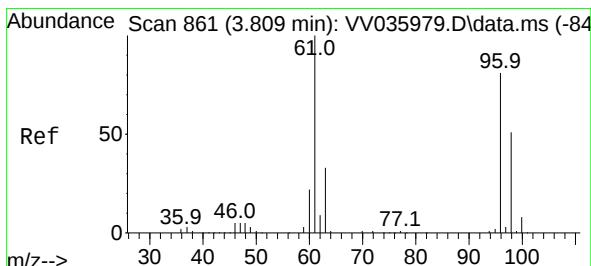
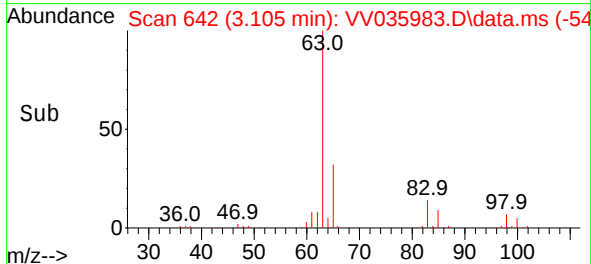
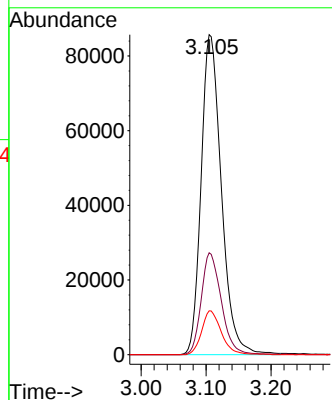
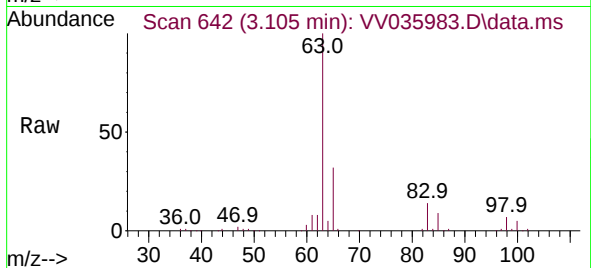




#19
1,1-Dichloroethane
Concen: 14.738 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

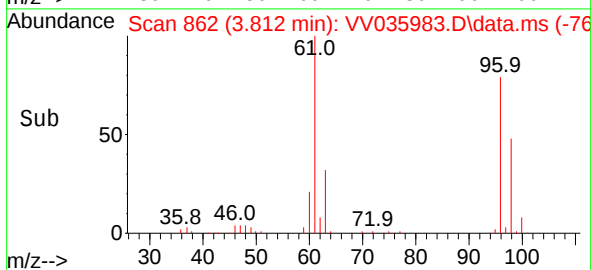
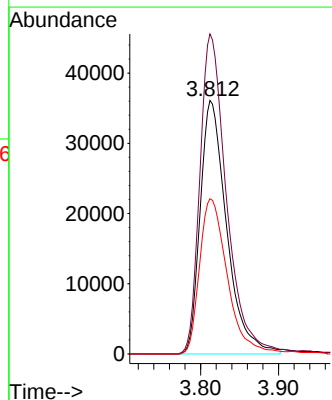
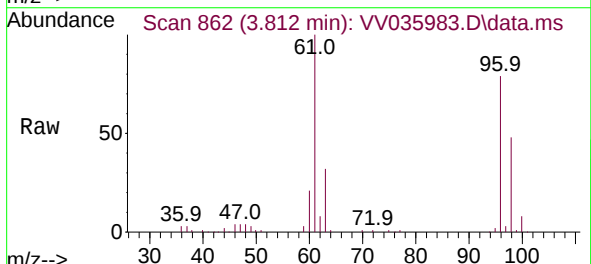
Instrument :
MSVOA_V
ClientSampleId :

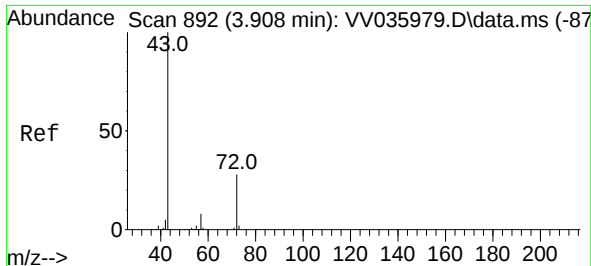
Tgt Ion: 63 Resp: 186460
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 13.7 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 12.772 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion: 96 Resp: 85260
Ion Ratio Lower Upper
96 100
61 126.2 87.9 163.3
98 61.2 44.4 82.5





#22

2-Butanone

Concen: 17.144 ug/L

RT: 3.921 min Scan# 892

Delta R.T. 0.013 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

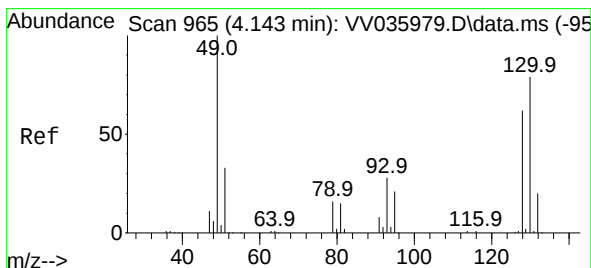
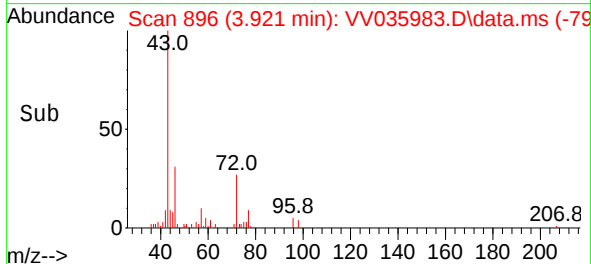
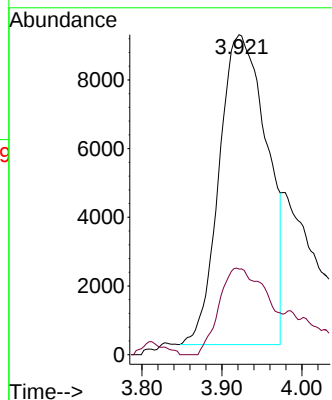
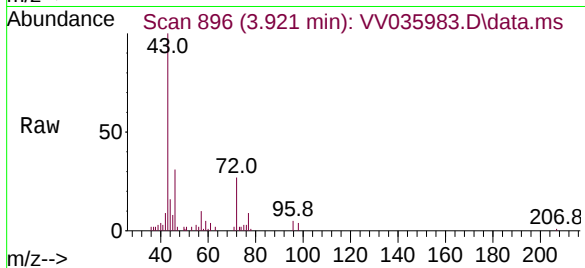
ClientSampleId :

Tgt Ion: 43 Resp: 37329

Ion Ratio Lower Upper

43 100

72 28.4 8.2 24.4#



#23

Bromochloromethane

Concen: 13.403 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Tgt Ion:128 Resp: 44878

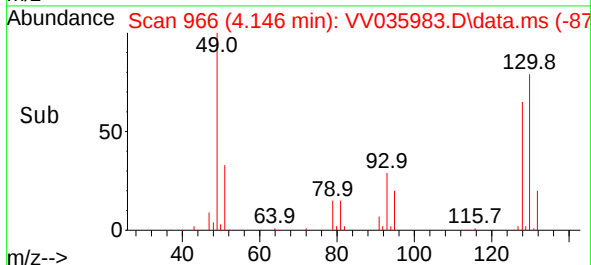
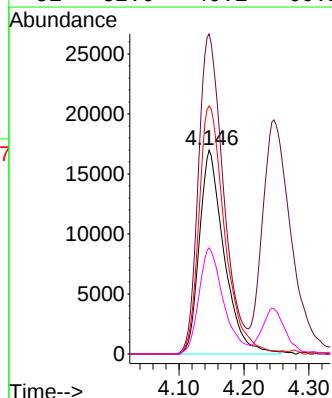
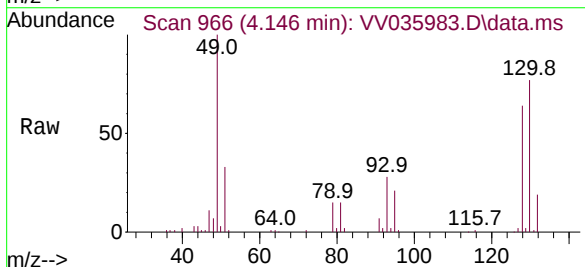
Ion Ratio Lower Upper

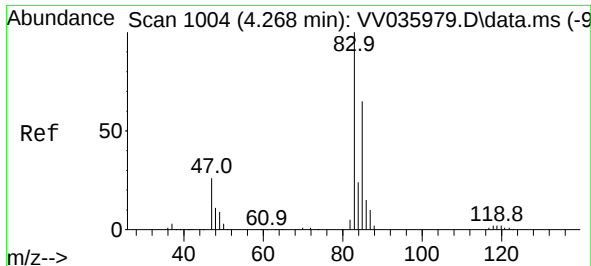
128 100

49 156.9 110.2 204.6

130 121.6 90.2 167.4

51 52.0 40.2 60.2





#25

Chloroform

Concen: 14.445 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

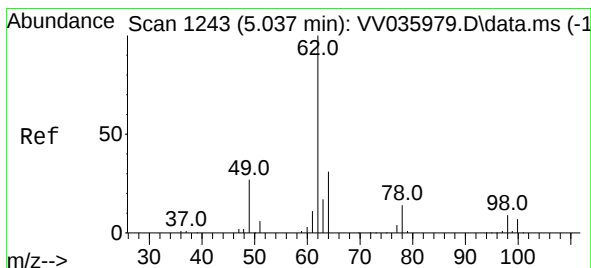
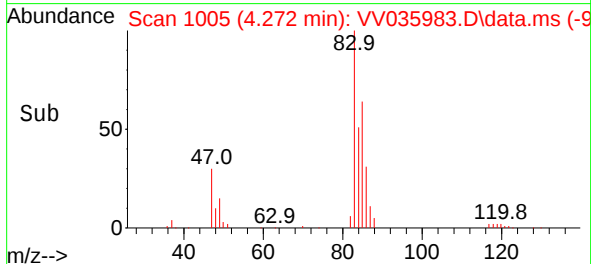
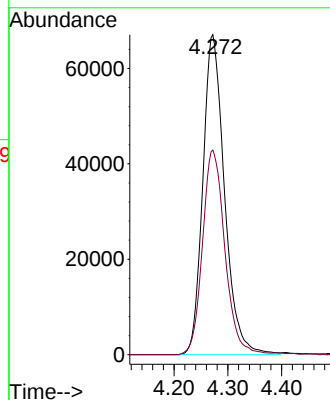
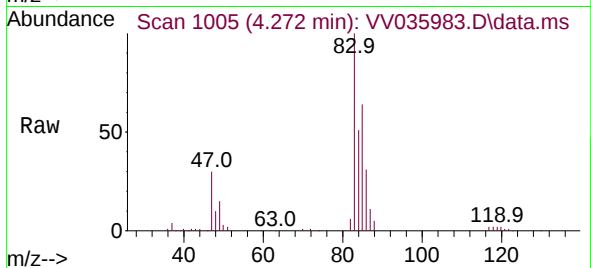
ClientSampleId :

Tgt Ion: 83 Resp: 187983

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 13.328 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035983.D

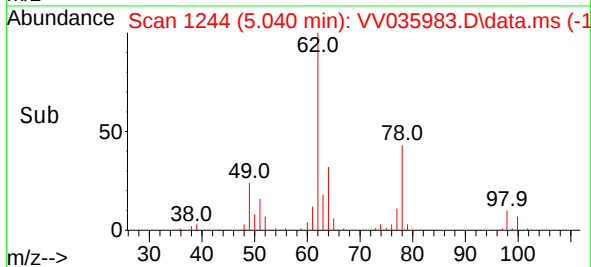
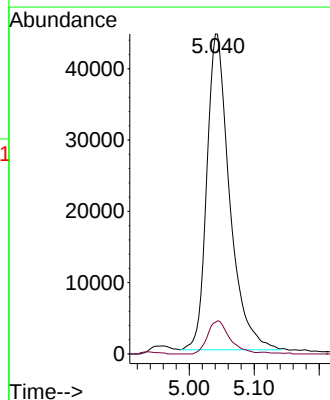
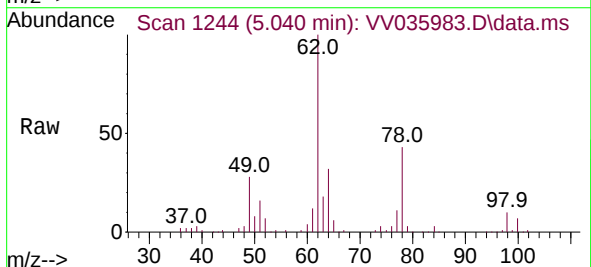
Acq: 06 Jun 2024 13:33

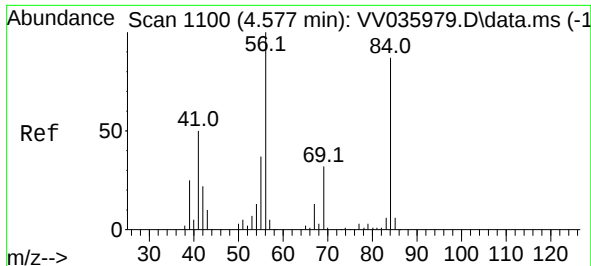
Tgt Ion: 62 Resp: 108285

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 7.446 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

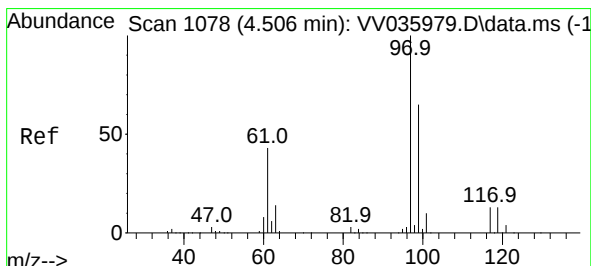
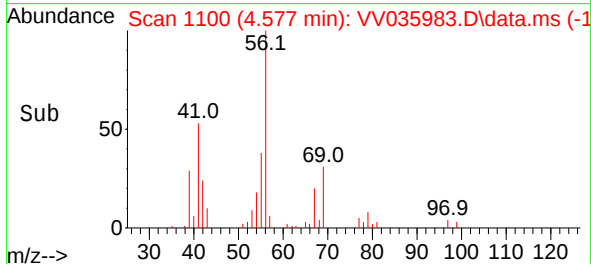
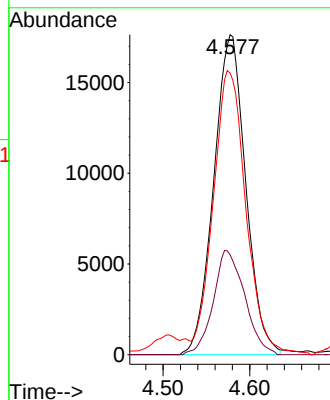
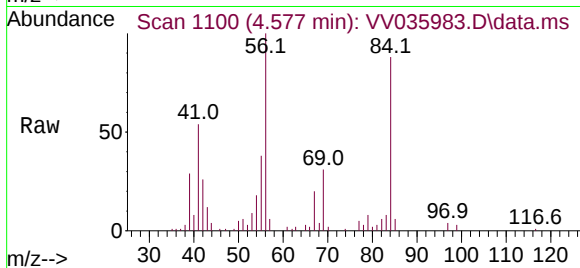
Tgt Ion: 56 Resp: 45235

Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 86.9 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 19.508 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

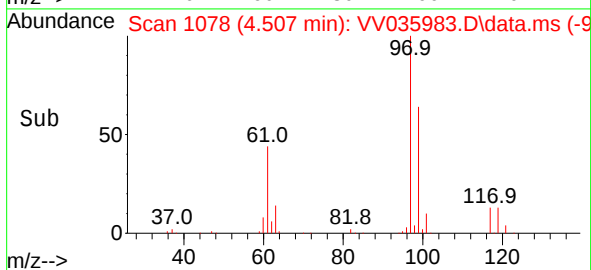
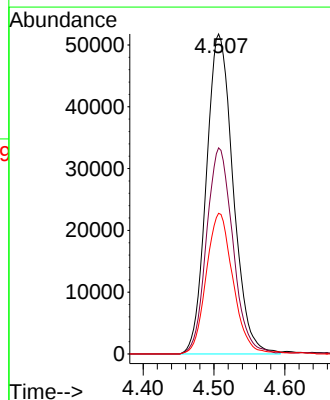
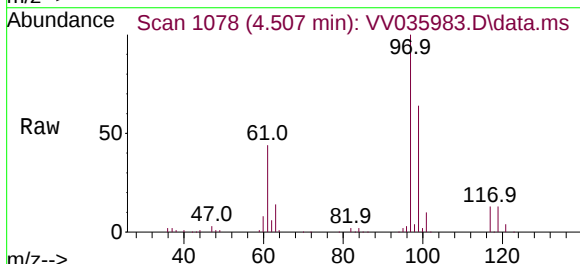
Tgt Ion: 97 Resp: 136078

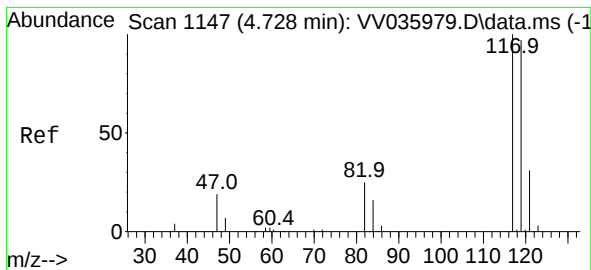
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 43.7 35.0 52.6





#31

Carbon tetrachloride

Concen: 15.683 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

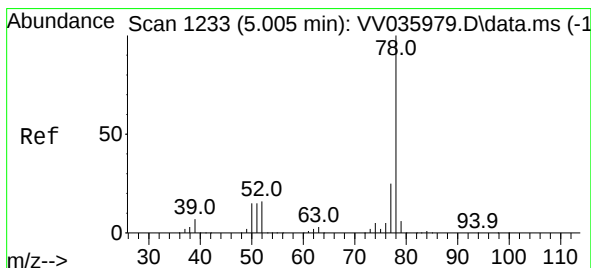
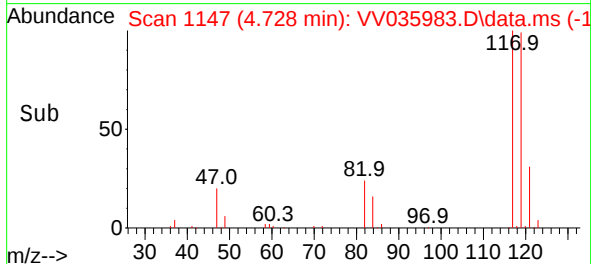
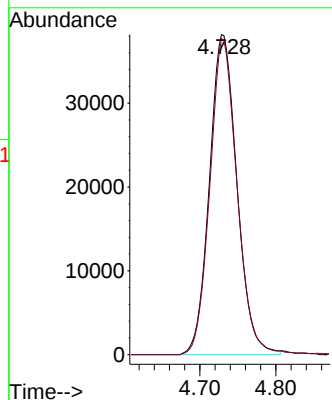
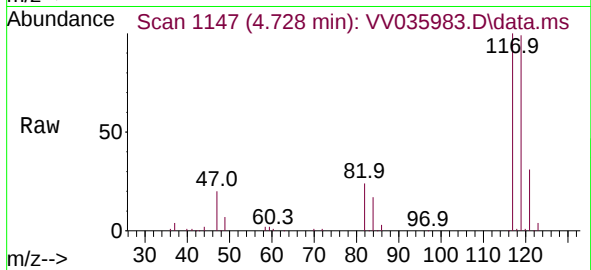
ClientSampleId :

Tgt Ion:117 Resp: 95973

Ion Ratio Lower Upper

117 100

119 96.7 76.8 115.2



#33

Benzene

Concen: 19.312 ug/L

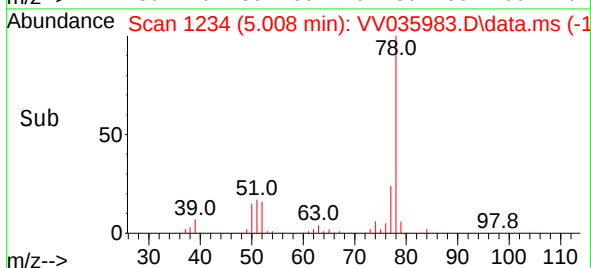
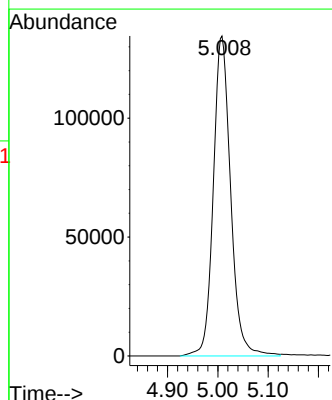
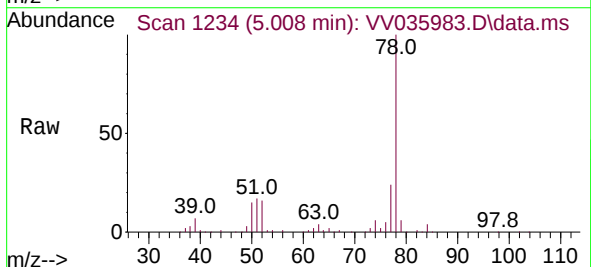
RT: 5.008 min Scan# 1234

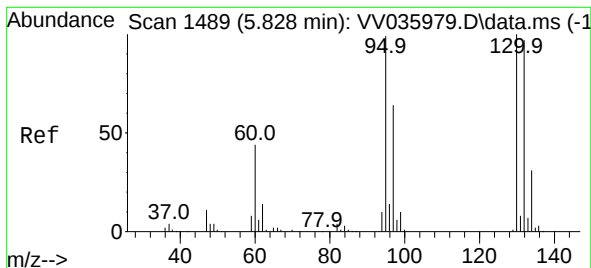
Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Tgt Ion: 78 Resp: 322270





#34

Trichloroethene

Concen: 14.353 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 73408

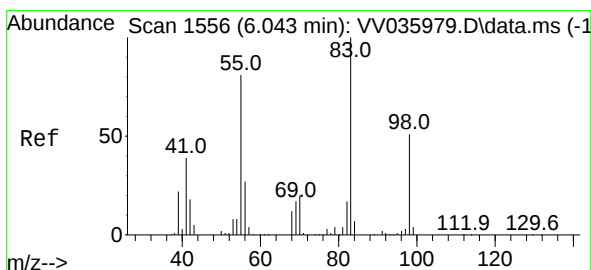
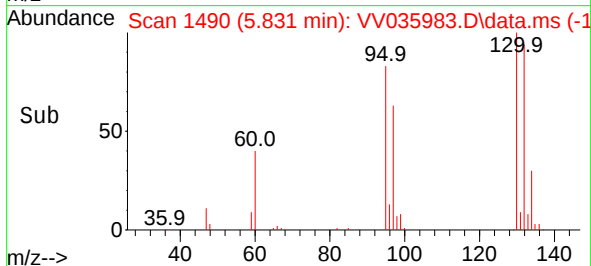
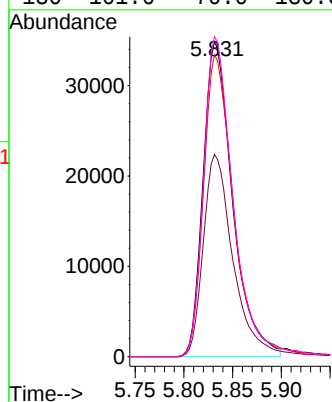
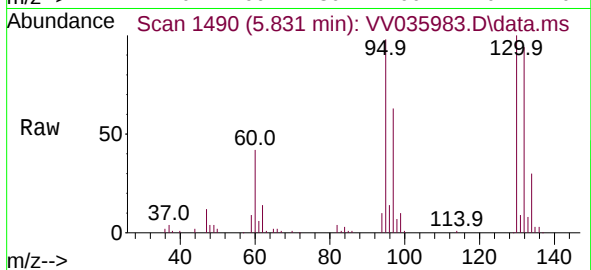
Ion Ratio Lower Upper

95 100

97 64.2 44.8 83.2

132 95.8 66.8 124.2

130 101.6 70.0 130.0



#35

Methylcyclohexane

Concen: 4.904 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

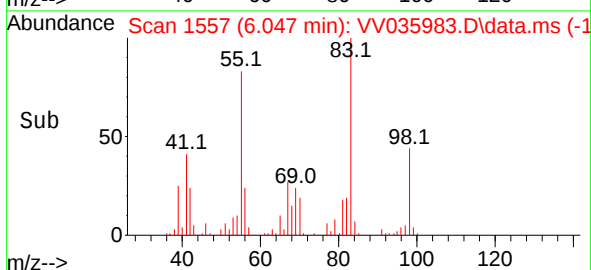
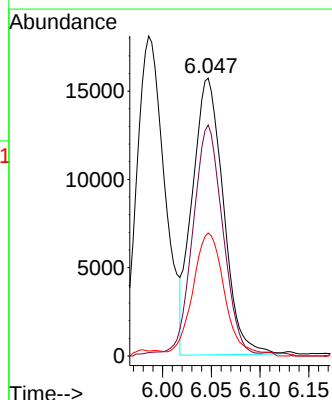
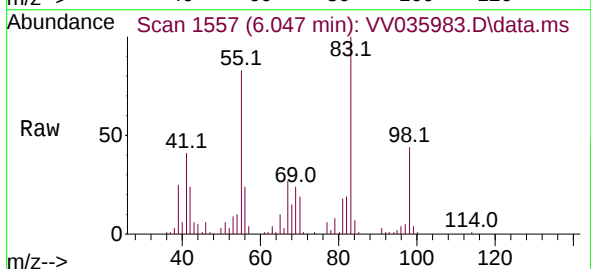
Tgt Ion: 83 Resp: 34686

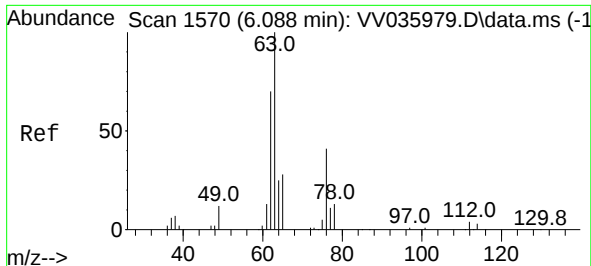
Ion Ratio Lower Upper

83 100

55 79.2 60.7 91.1

98 41.7 38.7 58.1

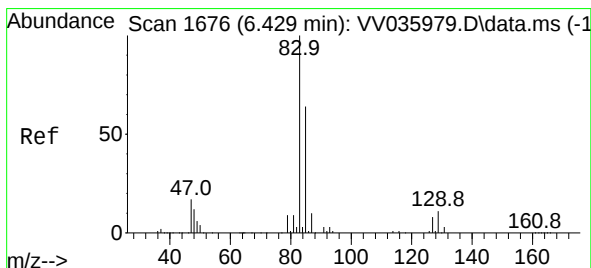
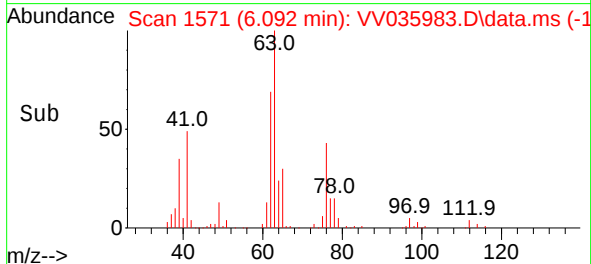
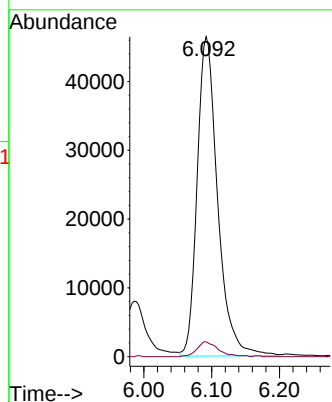
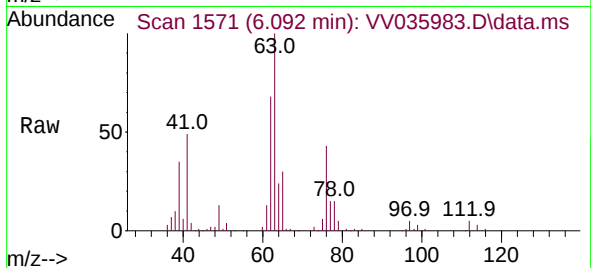




#37
1,2-Dichloropropane
Concen: 22.208 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

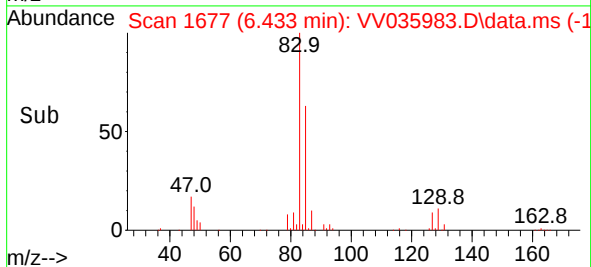
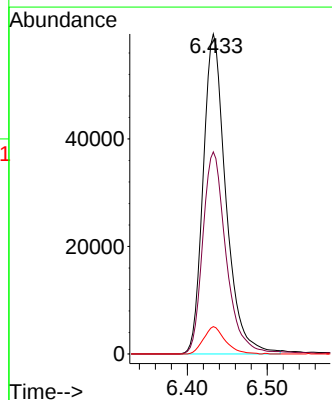
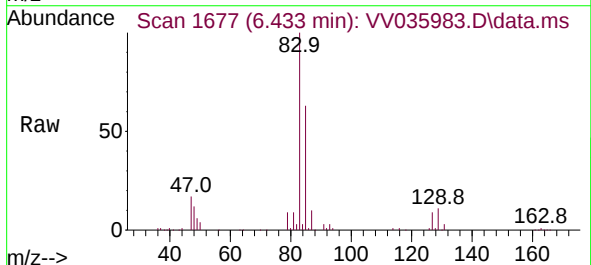
Instrument :
MSVOA_V
ClientSampleId :

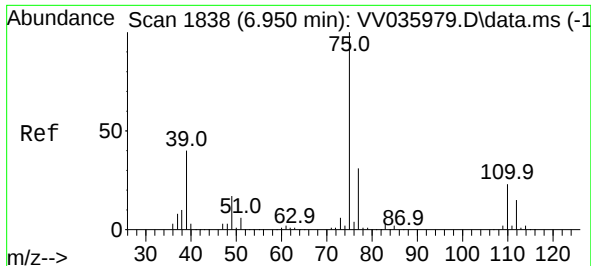
Tgt Ion: 63 Resp: 97314
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 20.328 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion: 83 Resp: 117897
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 14.304 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

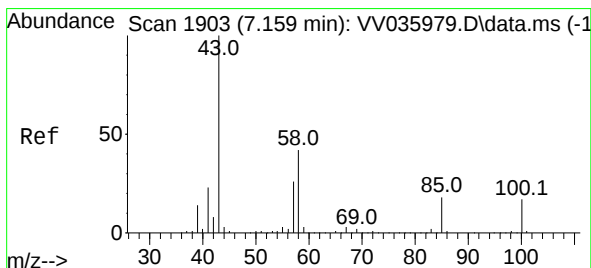
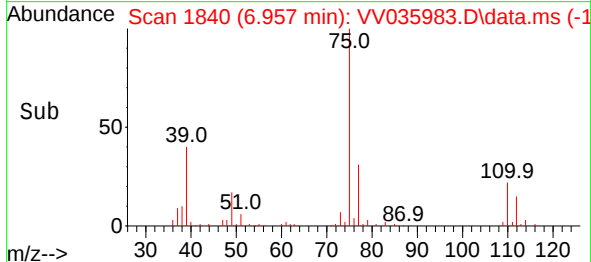
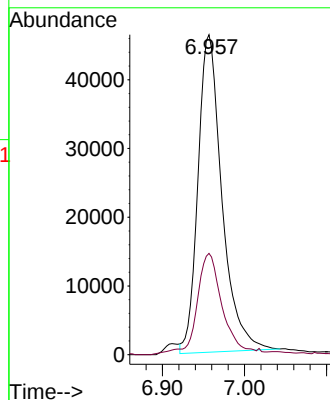
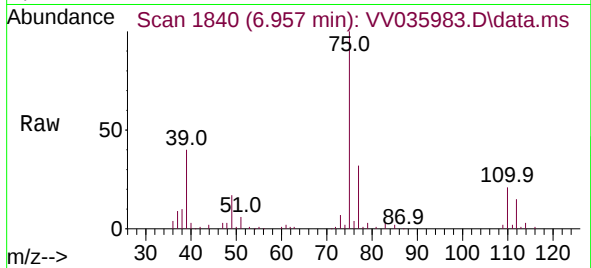
ClientSampleId :

Tgt Ion: 75 Resp: 93749

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.411 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

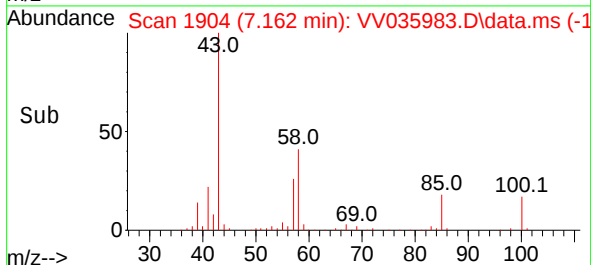
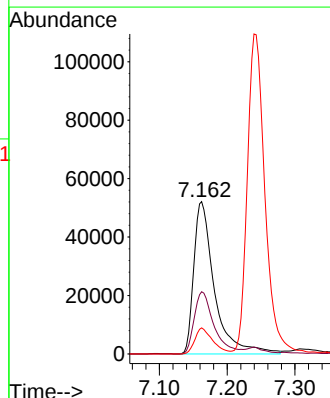
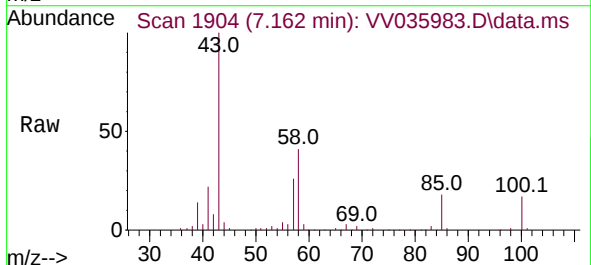
Tgt Ion: 43 Resp: 110491

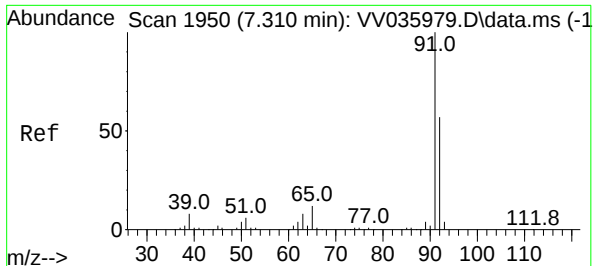
Ion Ratio Lower Upper

43 100

58 38.7 32.5 48.7

100 14.9 12.5 18.7





#42

Toluene

Concen: 15.303 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

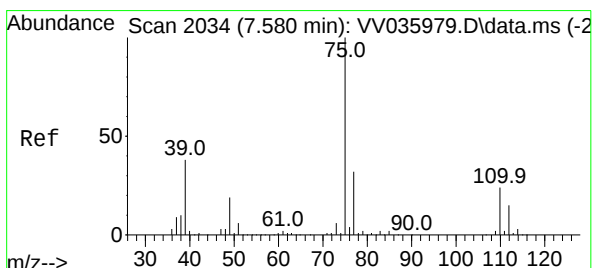
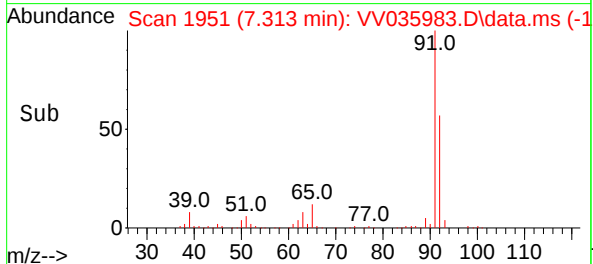
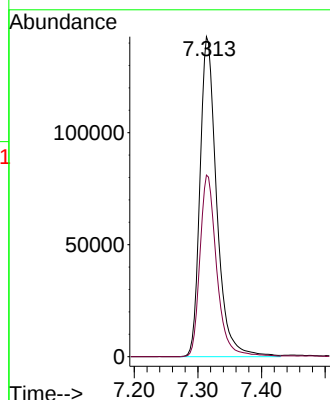
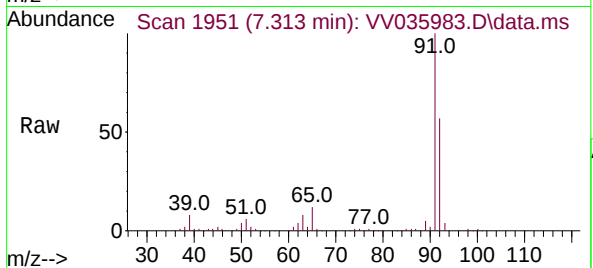
ClientSampleId :

Tgt Ion: 91 Resp: 260956

Ion Ratio Lower Upper

91 100

92 56.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 15.749 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV035983.D

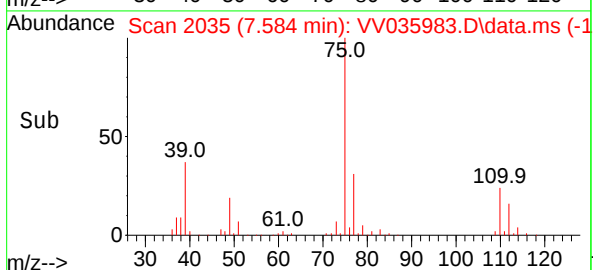
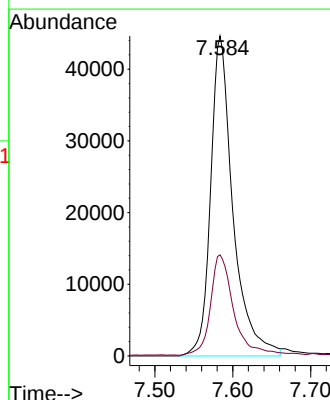
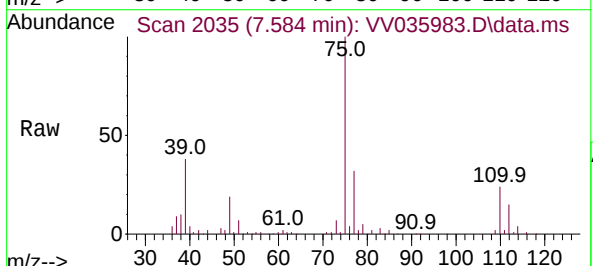
Acq: 06 Jun 2024 13:33

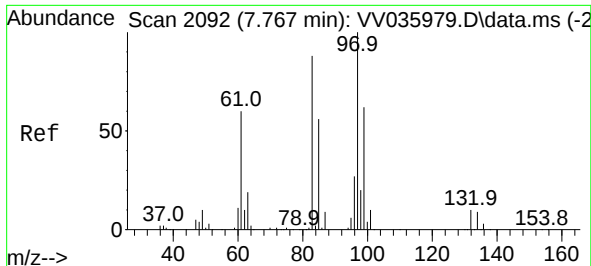
Tgt Ion: 75 Resp: 89157

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

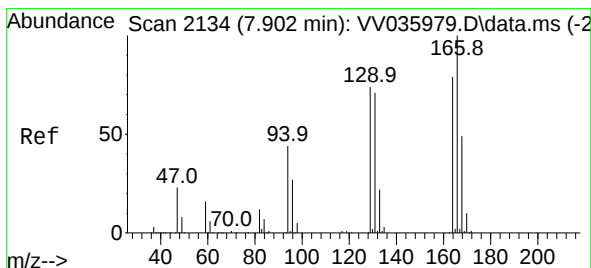
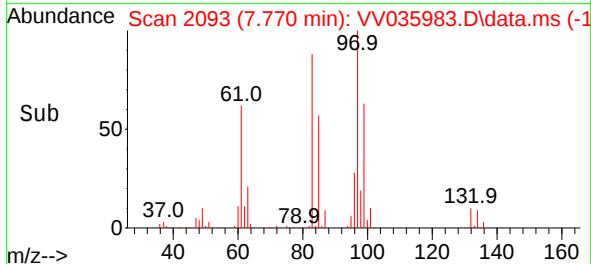
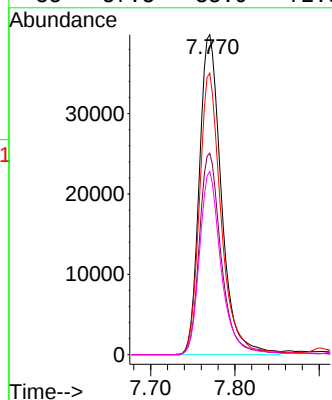
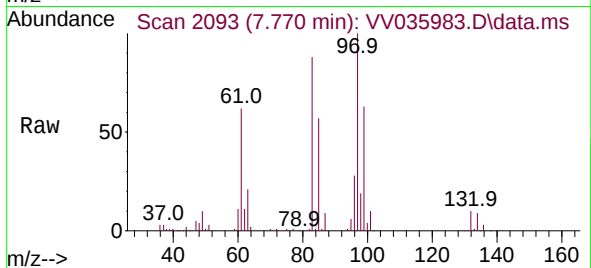




#45
1,1,2-Trichloroethane
Concen: 20.069 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

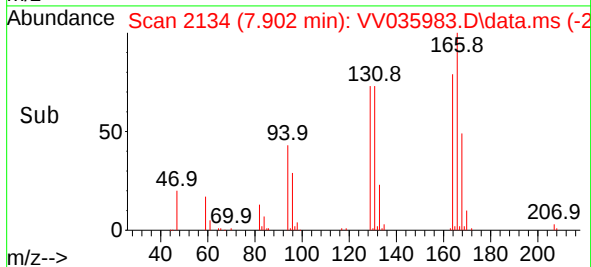
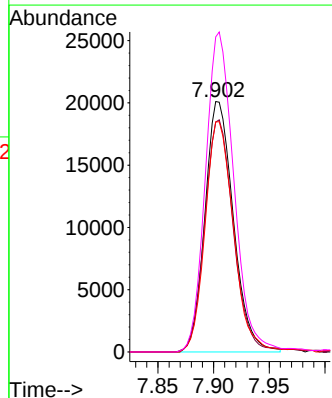
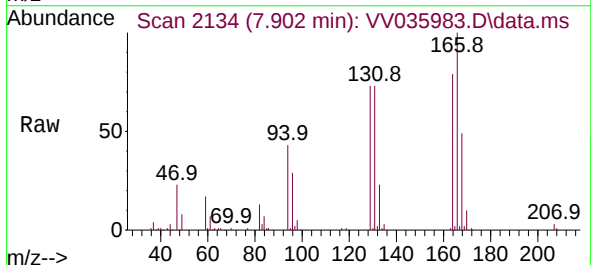
Instrument :
MSVOA_V
ClientSampleId :

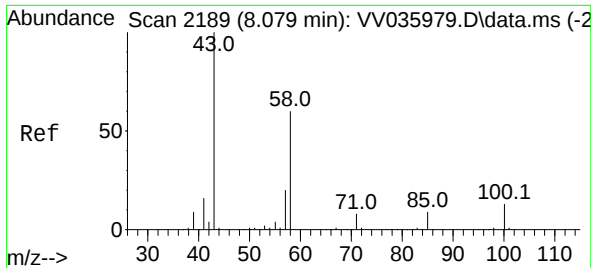
Tgt Ion:	97	Resp:	72765
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.5
83	88.0	60.1	111.7
85	57.3	38.9	72.3



#46
Tetrachloroethene
Concen: 9.574 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion:	164	Resp:	35814
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.6	120.0
131	91.9	63.2	117.4
166	125.9	89.5	166.3



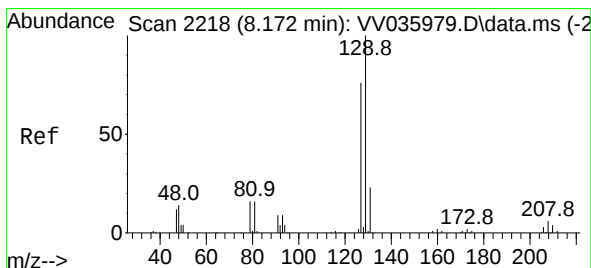
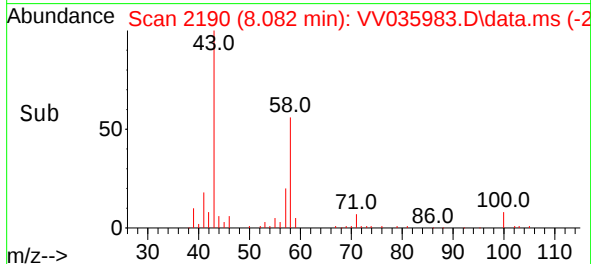
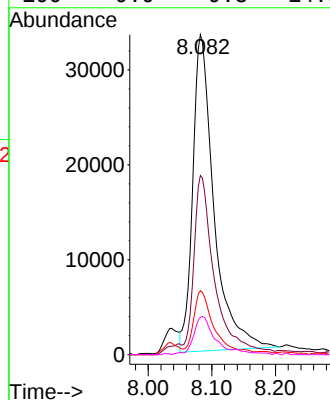
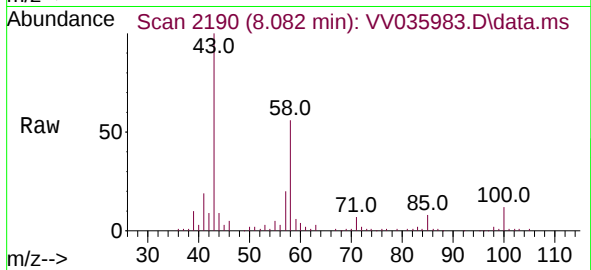


#48
2-Hexanone
Concen: 41.531 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 77297

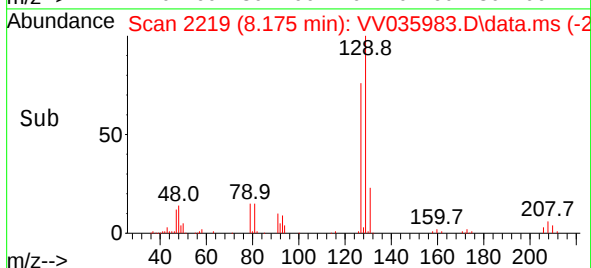
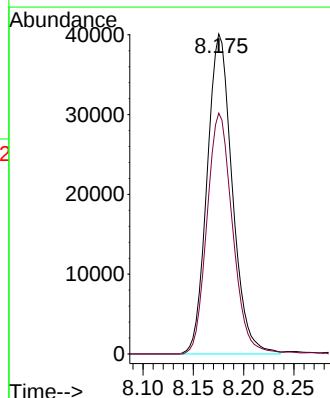
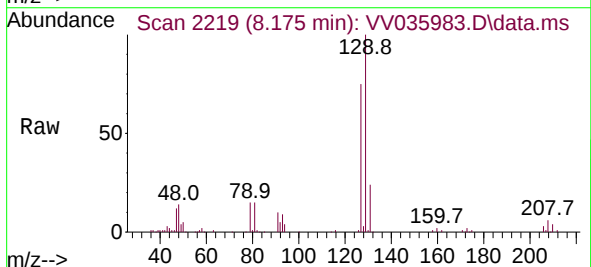
Ion	Ratio	Lower	Upper
43	100		
58	51.6	45.4	68.0
57	16.7	15.8	23.8
100	9.9	9.8	14.8

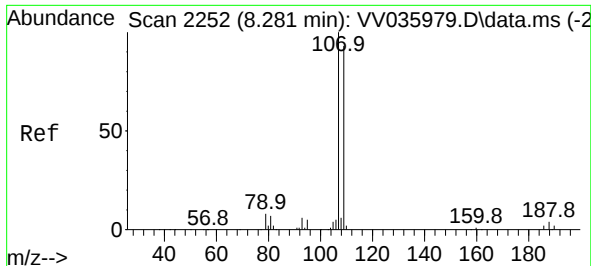


#49
Dibromochloromethane
Concen: 17.631 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion: 129 Resp: 69961

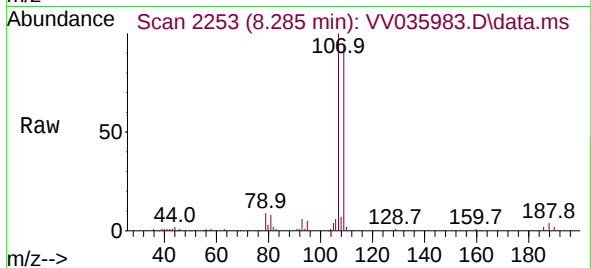
Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.9	100.1



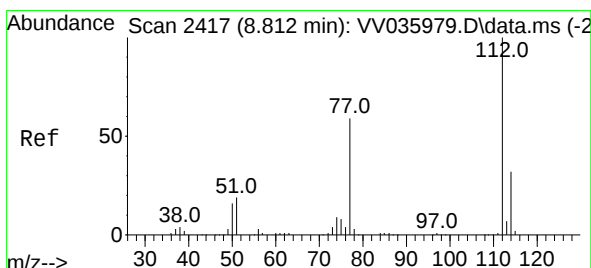
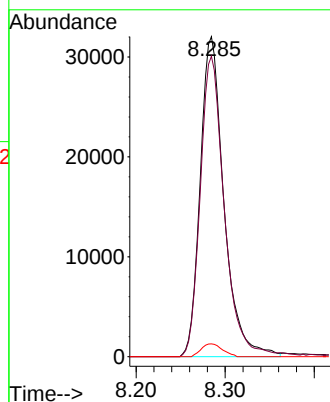
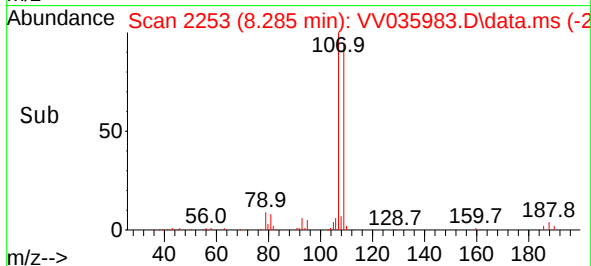


#50
1,2-Dibromoethane
Concen: 17.034 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Instrument :
MSVOA_V
ClientSampleId :

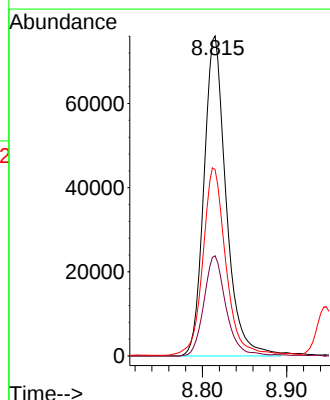
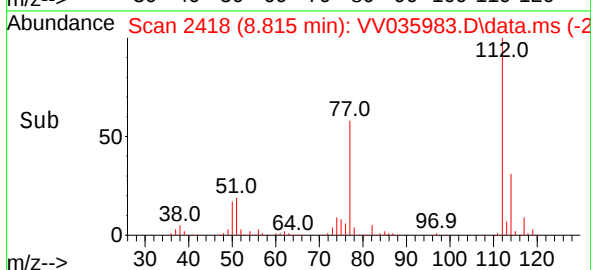
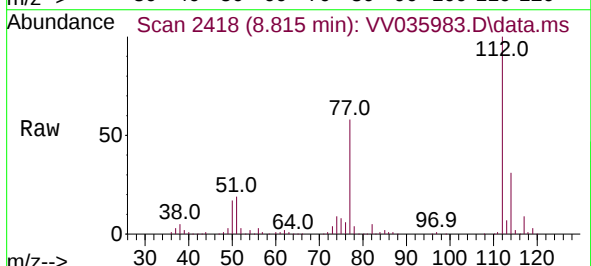


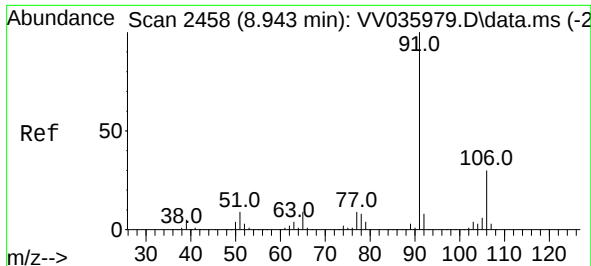
Tgt Ion:107 Resp: 59260
Ion Ratio Lower Upper
107 100
109 93.9 66.1 122.7
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 12.007 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion:112 Resp: 139498
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 58.2 47.3 70.9





#52

Ethylbenzene

Concen: 10.285 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

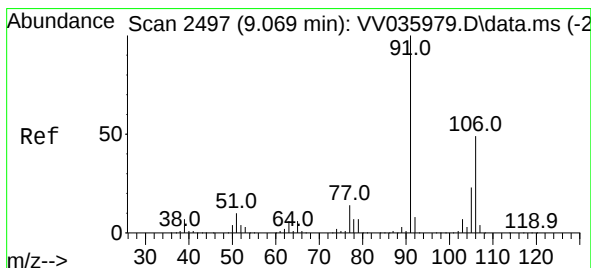
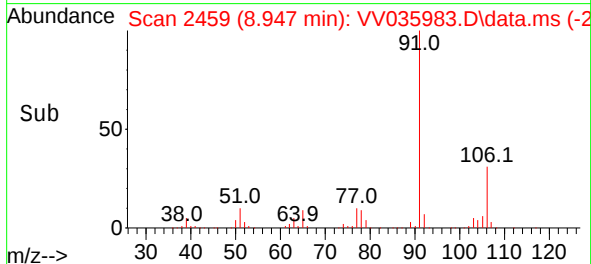
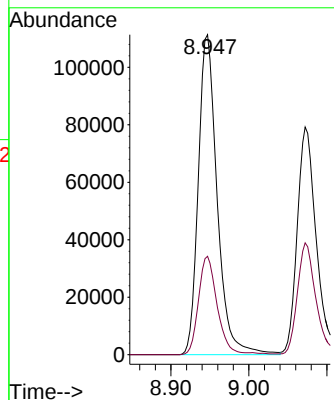
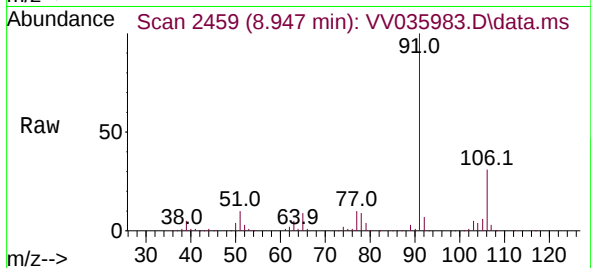
ClientSampleId :

Tgt Ion: 91 Resp: 187638

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.0



#53

m,p-Xylene

Concen: 9.315 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035983.D

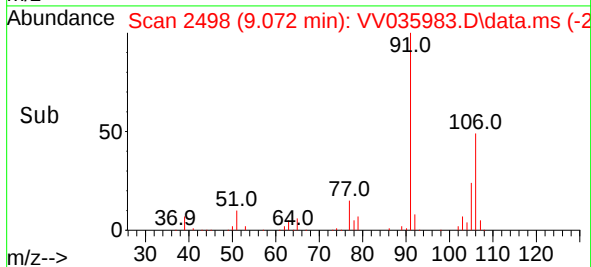
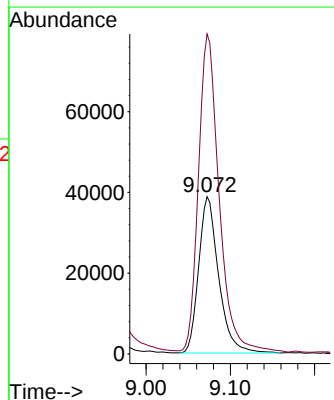
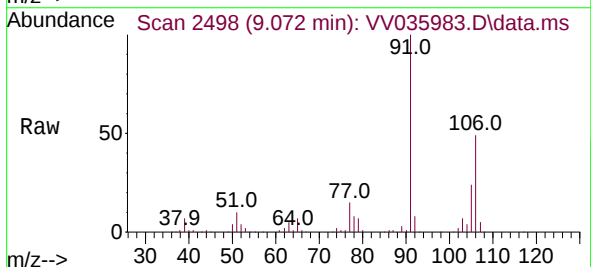
Acq: 06 Jun 2024 13:33

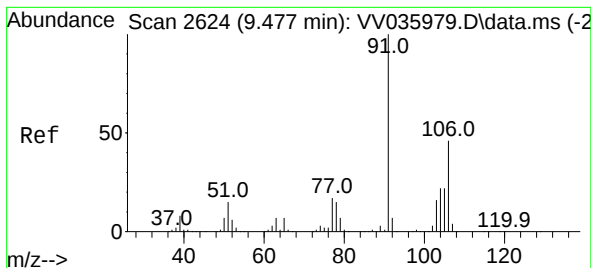
Tgt Ion:106 Resp: 63853

Ion Ratio Lower Upper

106 100

91 203.4 143.1 265.9





#54

o-Xylene

Concen: 9.684 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

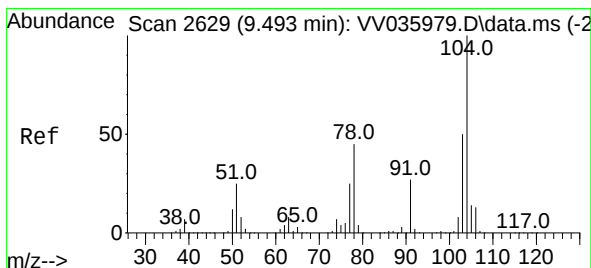
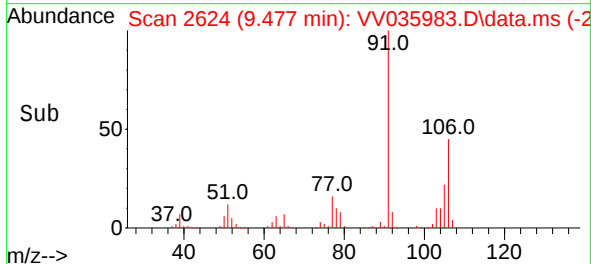
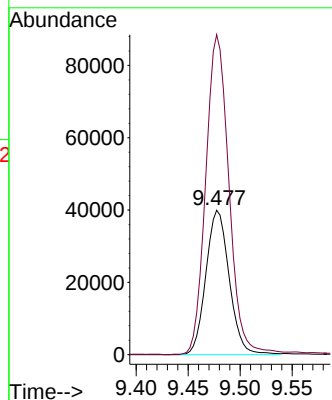
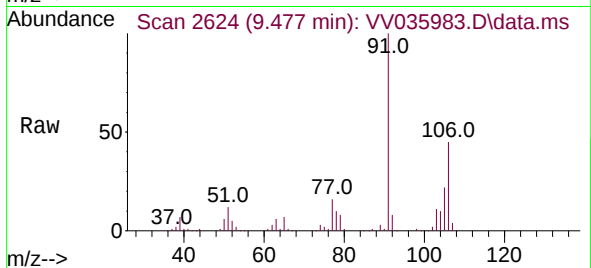
ClientSampleId :

Tgt Ion:106 Resp: 62601

Ion Ratio Lower Upper

106 100

91 221.5 154.5 286.9



#55

Styrene

Concen: 8.815 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV035983.D

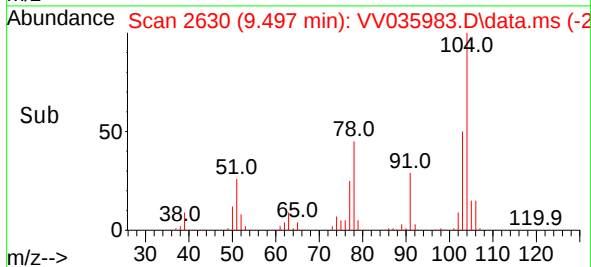
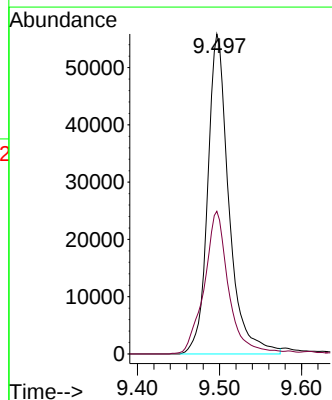
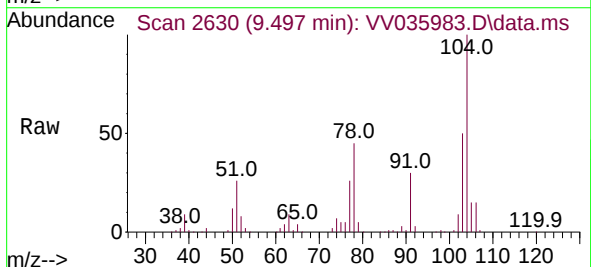
Acq: 06 Jun 2024 13:33

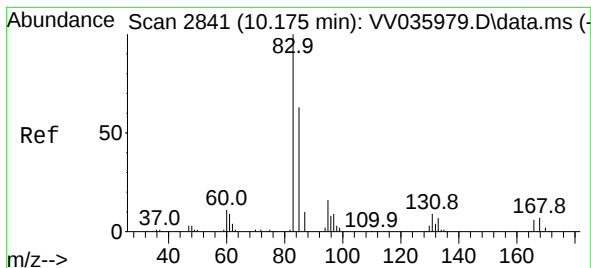
Tgt Ion:104 Resp: 100492

Ion Ratio Lower Upper

104 100

78 44.6 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 17.003 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

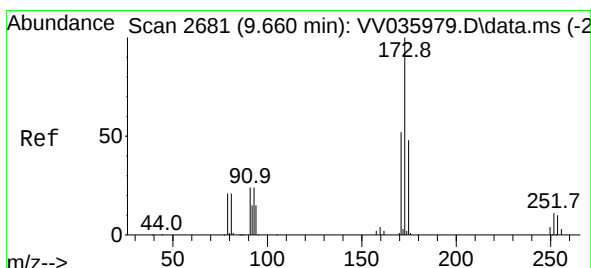
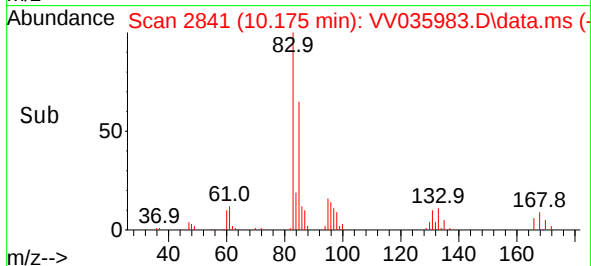
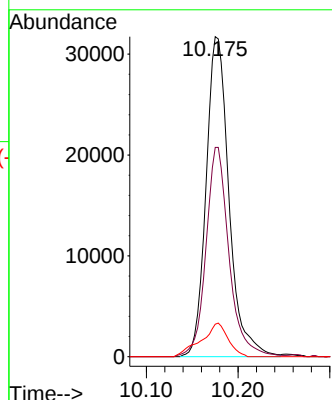
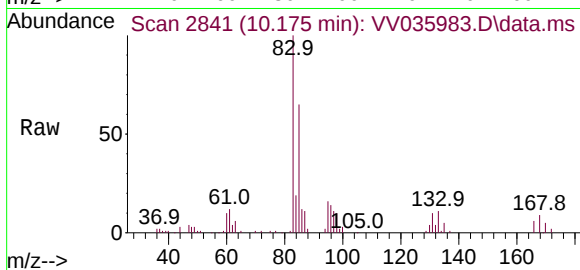
Tgt Ion: 83 Resp: 55199

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

131 10.2 7.6 11.4



#59

Bromoform

Concen: 32.924 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.007 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

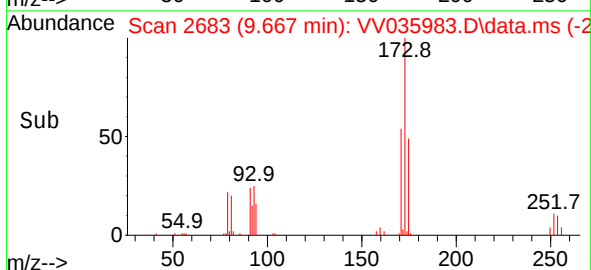
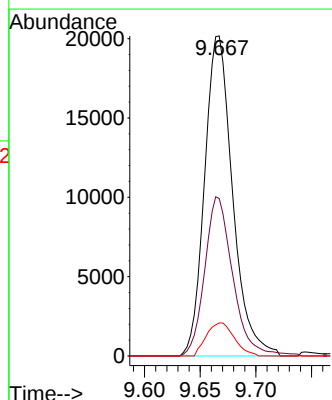
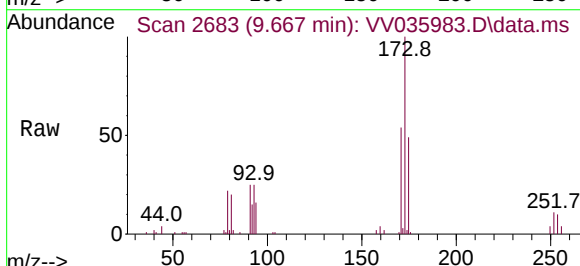
Tgt Ion:173 Resp: 35338

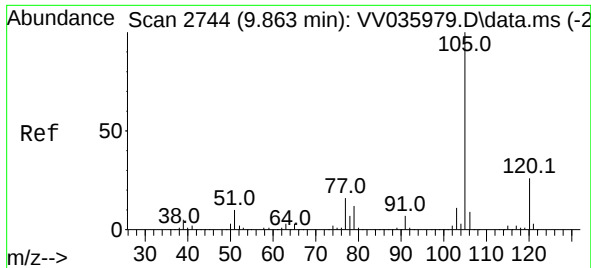
Ion Ratio Lower Upper

173 100

175 49.7 39.0 58.6

254 10.3 8.6 13.0

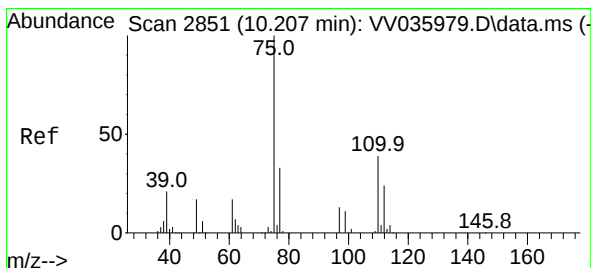
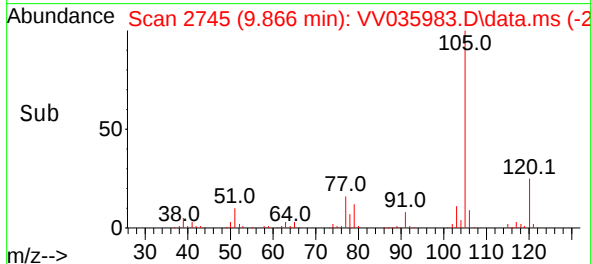
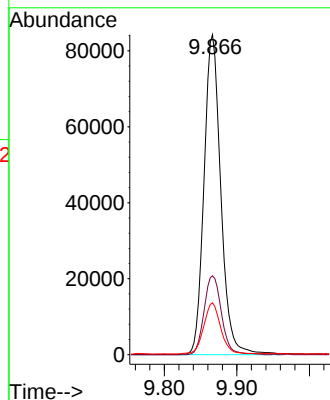
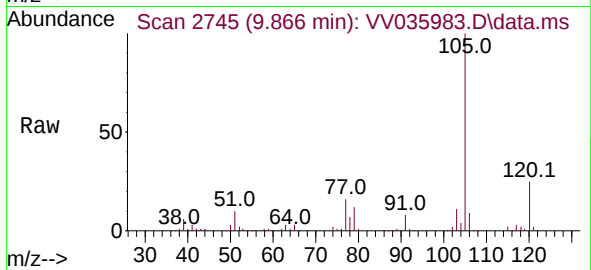




#60
Isopropylbenzene
Concen: 18.613 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

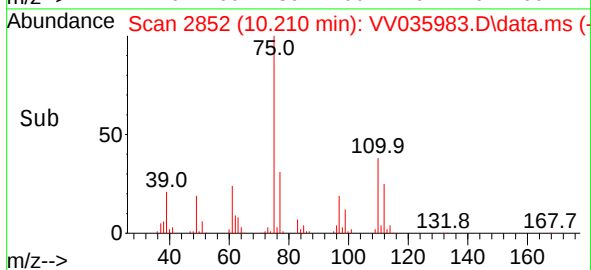
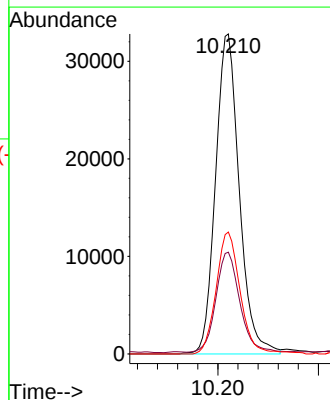
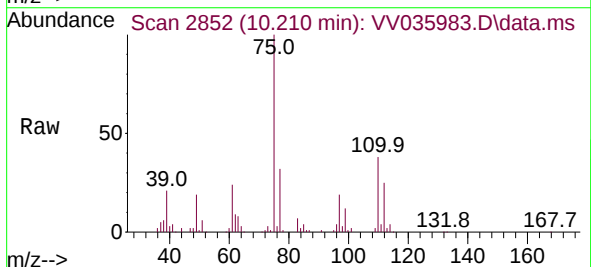
Instrument :
MSVOA_V
ClientSampleId :

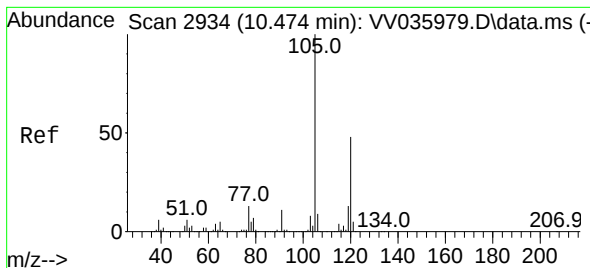
Tgt Ion:105 Resp: 135909
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.6
77 16.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 39.984 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion: 75 Resp: 53821
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
110 38.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 14.643 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

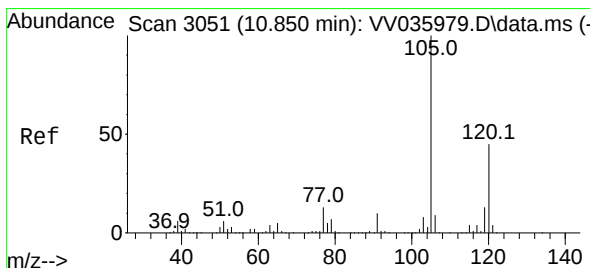
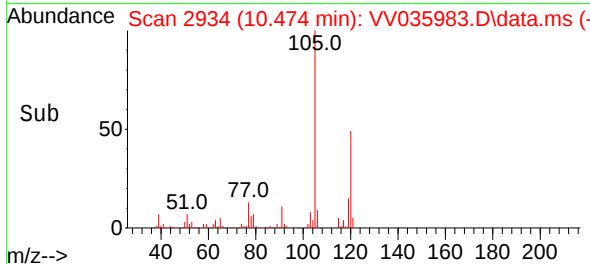
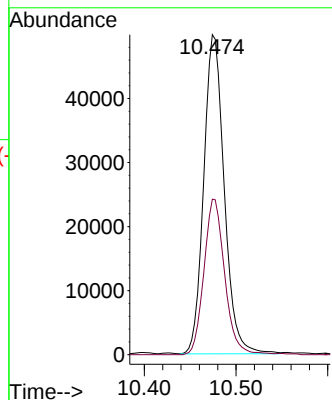
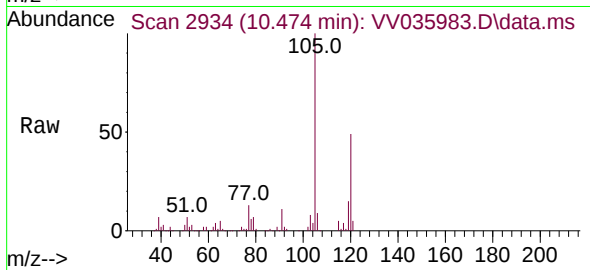
ClientSampleId :

Tgt Ion:105 Resp: 77528

Ion Ratio Lower Upper

105 100

120 48.7 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 12.854 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035983.D

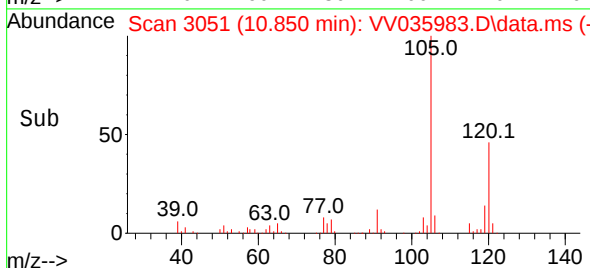
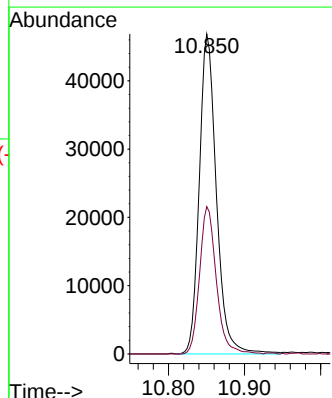
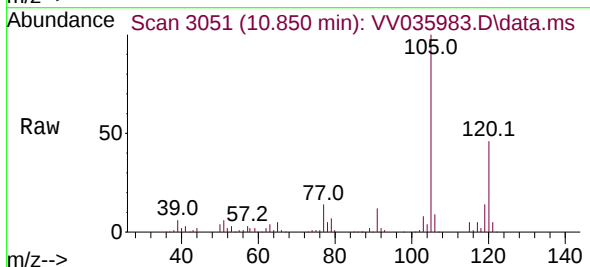
Acq: 06 Jun 2024 13:33

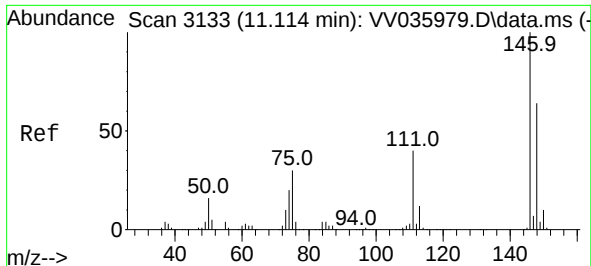
Tgt Ion:105 Resp: 73331

Ion Ratio Lower Upper

105 100

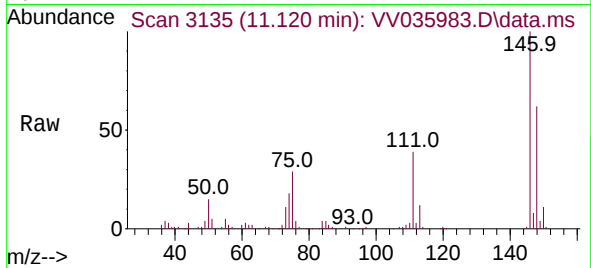
120 45.1 36.2 54.4



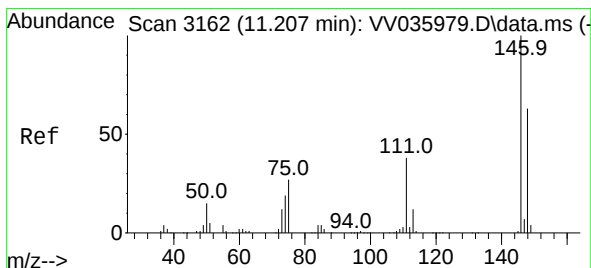
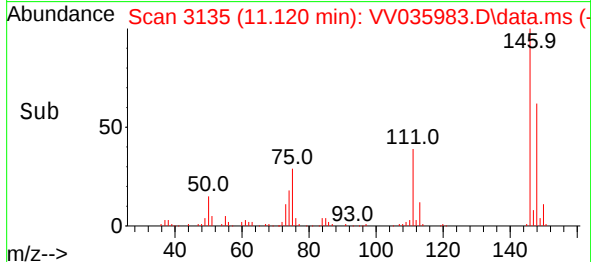
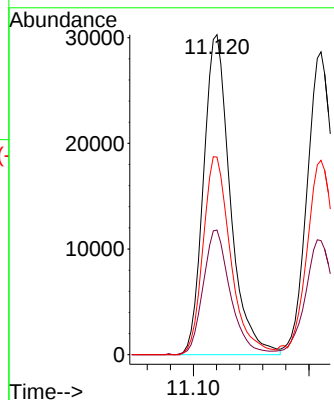


#64
1,3-Dichlorobenzene
Concen: 12.709 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.007 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Instrument :
MSVOA_V
ClientSampleId :

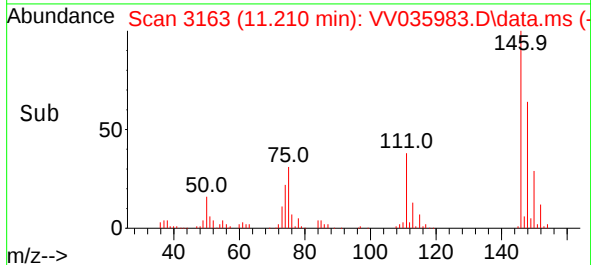
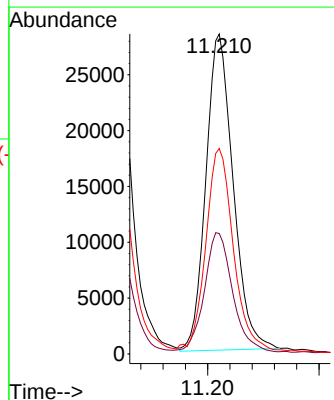
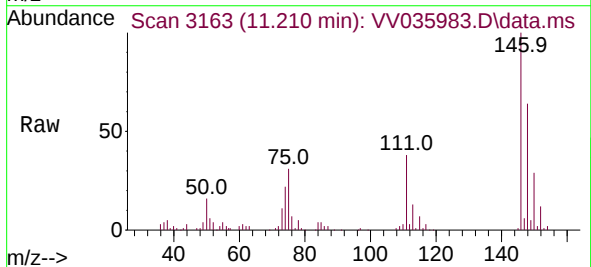


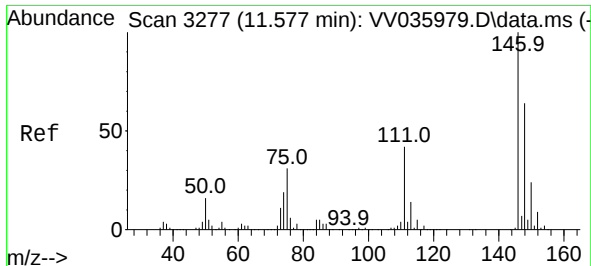
Tgt Ion:146 Resp: 48735
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 61.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 12.158 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion:146 Resp: 48122
Ion Ratio Lower Upper
146 100
111 37.7 26.9 50.1
148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 12.551 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

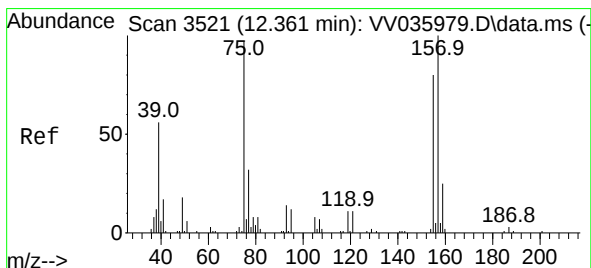
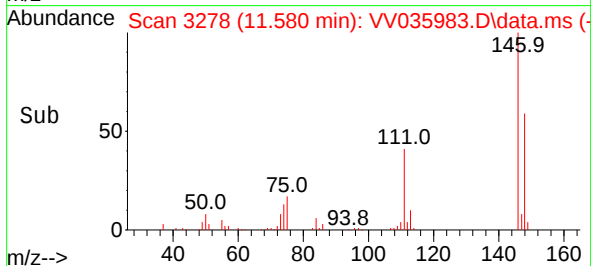
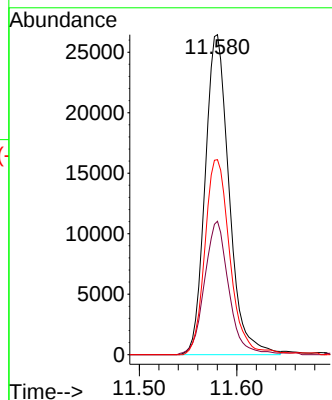
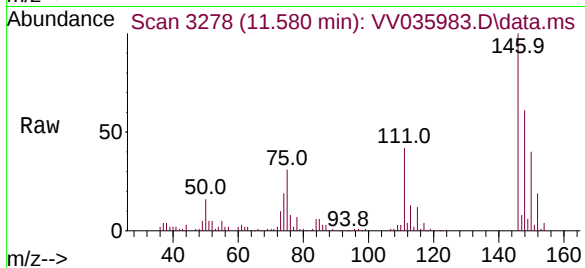
Tgt Ion:146 Resp: 45290

Ion Ratio Lower Upper

146 100

111 41.7 33.5 50.3

148 60.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 26.884 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

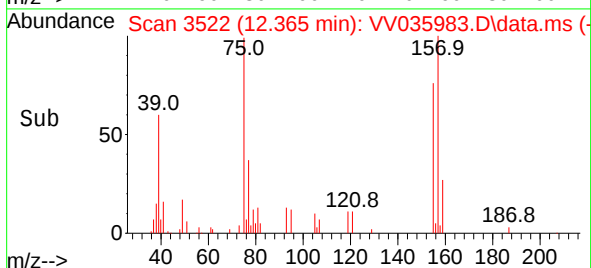
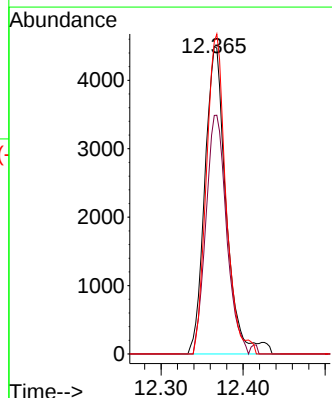
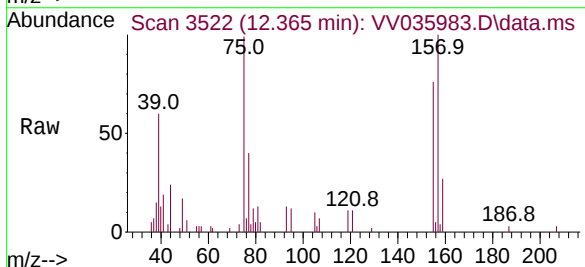
Tgt Ion: 75 Resp: 8092

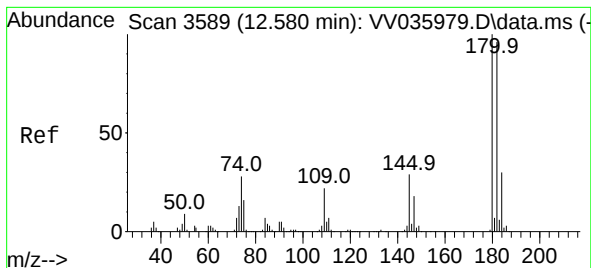
Ion Ratio Lower Upper

75 100

155 77.6 63.3 94.9

157 101.4 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 5.934 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 17022

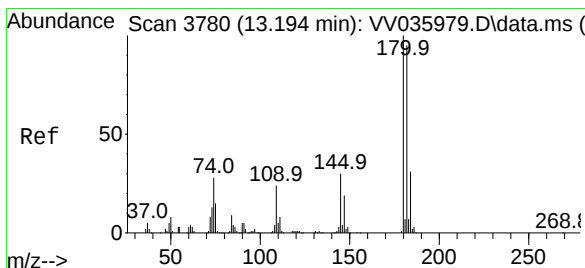
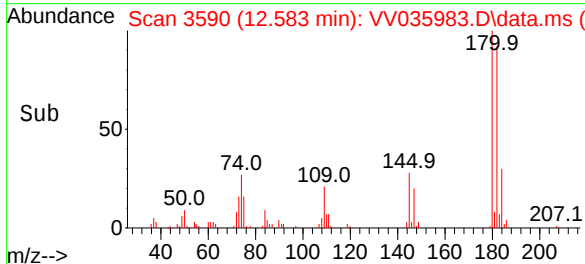
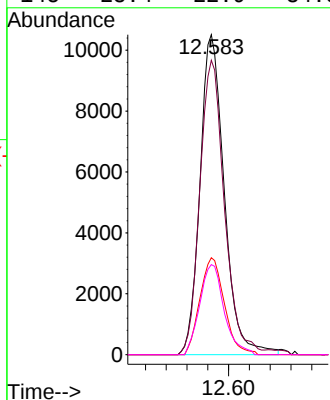
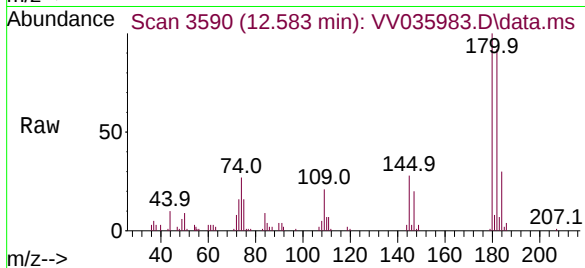
Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.4

184 30.6 24.2 36.2

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.910 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035983.D

Acq: 06 Jun 2024 13:33

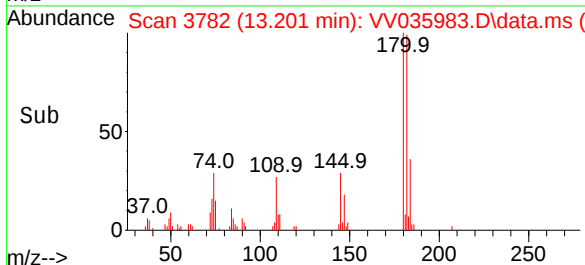
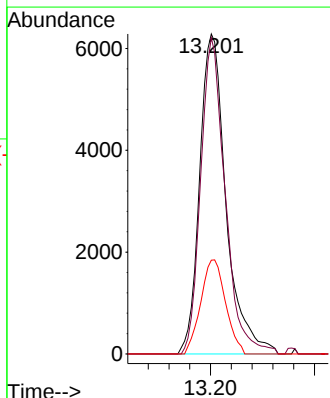
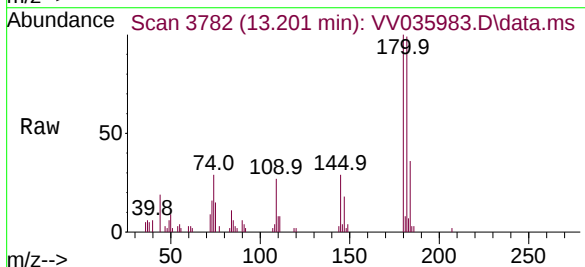
Tgt Ion:180 Resp: 11088

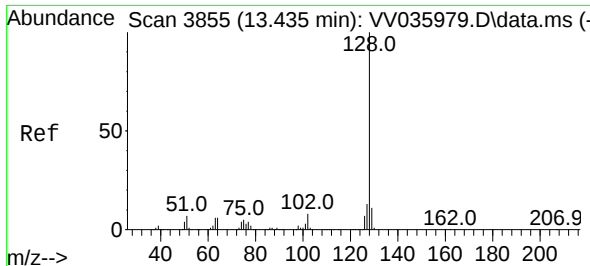
Ion Ratio Lower Upper

180 100

182 91.2 76.1 114.1

145 27.5 23.5 35.3

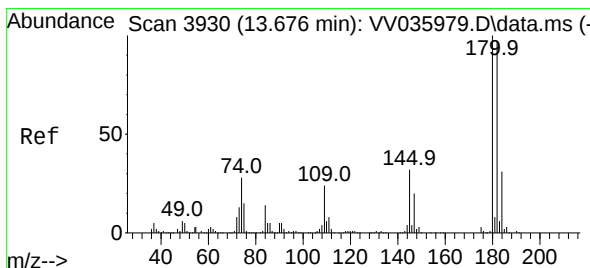
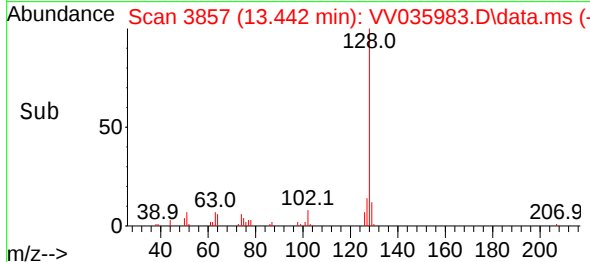
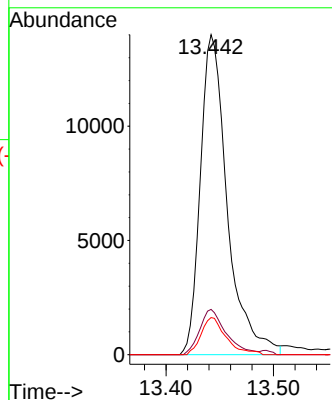
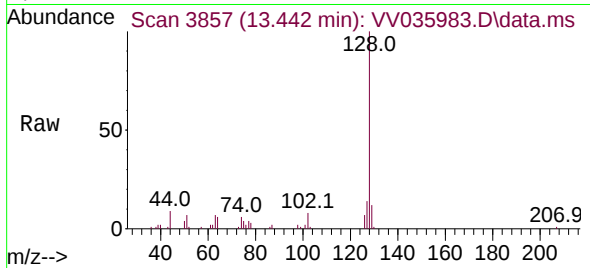




#71
Naphthalene
Concen: 6.626 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.007 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 24422
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.093 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.007 min
Lab File: VV035983.D
Acq: 06 Jun 2024 13:33

Tgt Ion:180 Resp: 8435
Ion Ratio Lower Upper
180 100
182 89.8 75.1 112.7
145 30.5 25.2 37.8

