

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035604.D
 Acq On : 14 May 2024 11:24
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	254213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	262595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	306649	13.910	ug/L	0.00
7) Chloroethane-d5	1.532	69	276756	15.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	134569	14.218	ug/L	0.00
20) 2-Butanone-d5	3.799	46	867375	223.267	ug/L	-0.04
24) Chloroform-d	4.243	84	677120	18.703	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	315980	18.465	ug/L	0.00
32) Benzene-d6	4.953	84	1280863	18.076	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	401130	18.081	ug/L	0.00
41) Toluene-d8	7.239	98	1172630	18.469	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	156325	19.831	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	793199	238.140	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322190	18.745	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	460717	18.404	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	386337	16.728	ug/L	99
3) Chloromethane	1.214	50	419206	15.554	ug/L	98
5) Vinyl chloride	1.281	62	443922	16.705	ug/L	100
6) Bromomethane	1.487	94	288691	18.415	ug/L	98
8) Chloroethane	1.548	64	278262	16.944	ug/L	100
9) Trichlorofluoromethane	1.712	101	571384	17.934	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	361210	18.346	ug/L	99
12) 1,1-Dichloroethene	2.066	96	336313	17.849	ug/L	96
13) Acetone	2.143	43	588607	214.034	ug/L	99
14) Carbon disulfide	2.236	76	970908	16.612	ug/L	98
15) Methyl Acetate	2.381	43	139325	19.713	ug/L	97
16) Methylene chloride	2.442	84	392334	16.508	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	906101	21.043	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	368736	19.052	ug/L	98
19) 1,1-Dichloroethane	3.108	63	721206	18.588	ug/L	99
21) 2-Butanone	3.879	43	912423	209.325	ug/L	89
22) cis-1,2-Dichloroethene	3.809	96	427123	21.358	ug/L	98
23) Bromochloromethane	4.143	128	190424	20.659	ug/L	97
25) Chloroform	4.272	83	746451	19.473	ug/L	99
27) 1,2-Dichloroethane	5.037	62	431133	19.324	ug/L	100
29) 1,1,1-Trichloroethane	4.506	97	628264	19.390	ug/L	99
30) Cyclohexane	4.577	56	544719	18.612	ug/L	99
31) Carbon tetrachloride	4.731	117	543815	19.536	ug/L	100
33) Benzene	5.005	78	1544674	19.309	ug/L	100
34) Trichloroethene	5.828	95	422565	19.920	ug/L	99
35) Methylcyclohexane	6.047	83	632384	20.521	ug/L	97
37) 1,2-Dichloropropane	6.088	63	411935	19.532	ug/L	99
38) Bromodichloromethane	6.429	83	523616	20.098	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	630674	22.667	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	2143958	196.086	ug/L	98
42) Toluene	7.310	91	1674001	20.158	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	519180	22.714	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035604.D
 Acq On : 14 May 2024 11:24
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

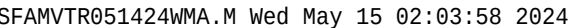
Instrument :
 MSVOA_V
 ClientSampleId :

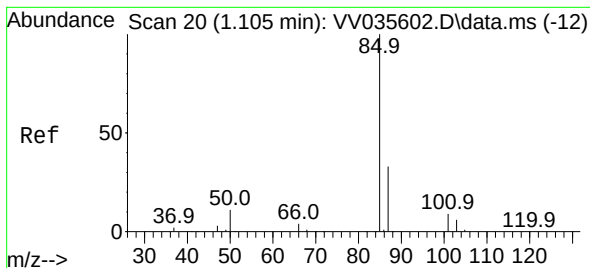
Quant Time: May 15 02:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	301988	20.127	ug/L	97
47) Tetrachloroethene	7.902	164	333568	19.768	ug/L	99
48) 2-Hexanone	8.072	43	1564896	193.272	ug/L	97
49) Dibromochloromethane	8.172	129	352572	22.338	ug/L	100
50) 1,2-Dibromoethane	8.278	107	286559	20.337	ug/L	97
51) Chlorobenzene	8.808	112	1089630	20.026	ug/L	99
52) Ethylbenzene	8.944	91	1864983	21.195	ug/L	99
53) m,p-Xylene	9.069	106	719231	21.964	ug/L	99
54) o-Xylene	9.474	106	705345	22.350	ug/L	99
55) Styrene	9.493	104	1238875	23.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	334608	18.680	ug/L	98
59) Bromoform	9.661	173	214178	23.888	ug/L	98
60) Isopropylbenzene	9.863	105	1904755	21.002	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	255025	17.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	1598119	22.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1601307	22.296	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	936052	20.127	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	937772	19.278	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	873120	20.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	60506	21.148	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	741318	21.188	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	641994	22.003	ug/L	100
71) Naphthalene	13.435	128	1018155	24.109	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	587193	22.537	ug/L	99

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

Quant Time: May 15 02:03:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 15 02:01:14 2024
Response via : Initial Calibration

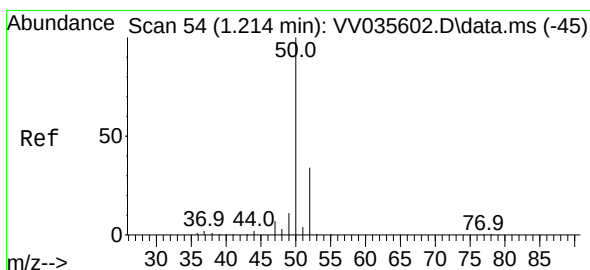
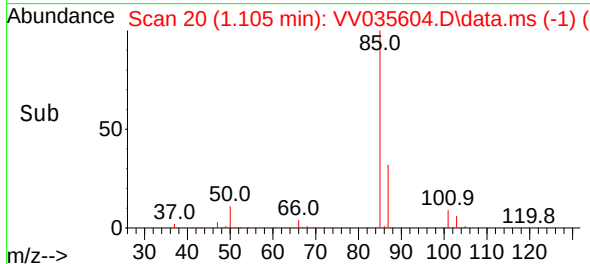
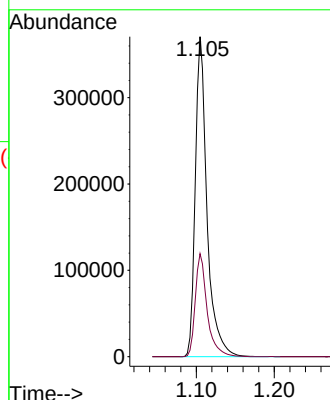
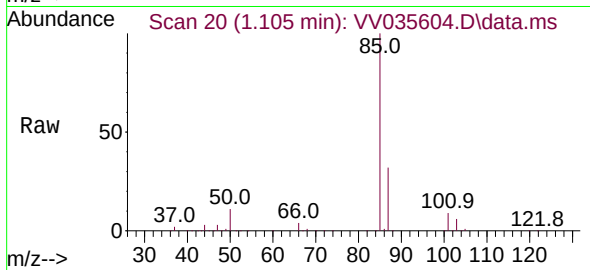




#2
 Dichlorodifluoromethane
 Concen: 16.728 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035604.D
 Acq: 14 May 2024 11:24

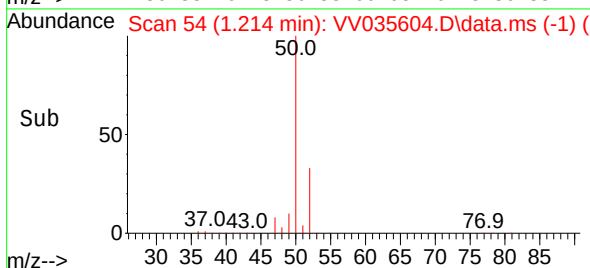
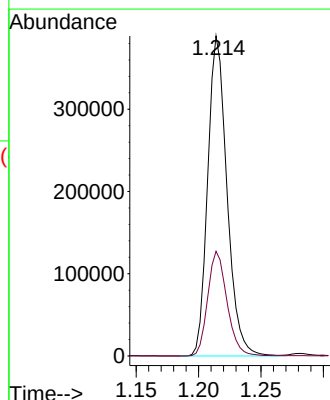
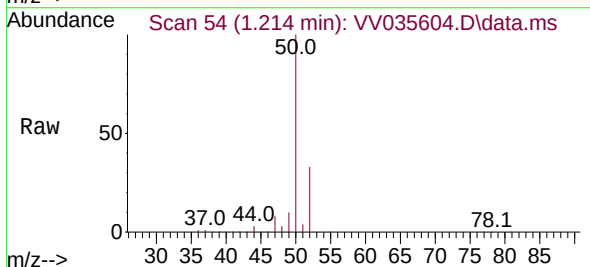
Instrument :
 MSVOA_V
 ClientSampleId :

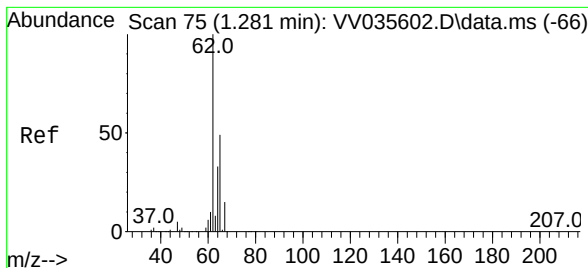
Tgt Ion: 85 Resp: 386337
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.4 39.6



#3
 Chloromethane
 Concen: 15.554 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035604.D
 Acq: 14 May 2024 11:24

Tgt Ion: 50 Resp: 419206
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9





#5

Vinyl chloride

Concen: 16.705 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

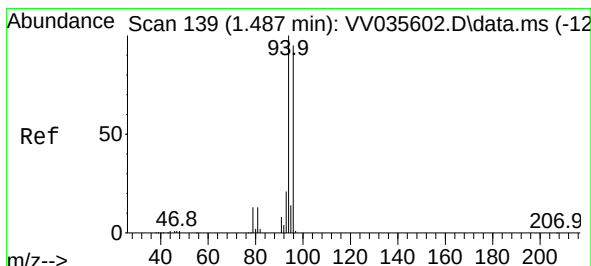
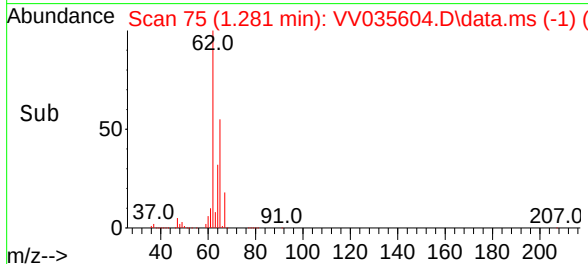
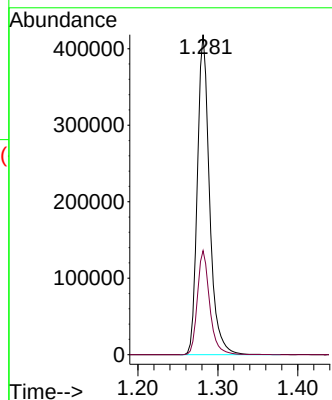
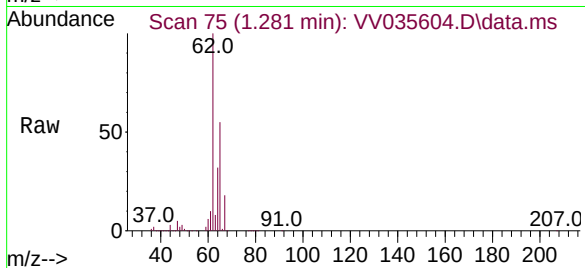
ClientSampleId :

Tgt Ion: 62 Resp: 443922

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#6

Bromomethane

Concen: 18.415 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035604.D

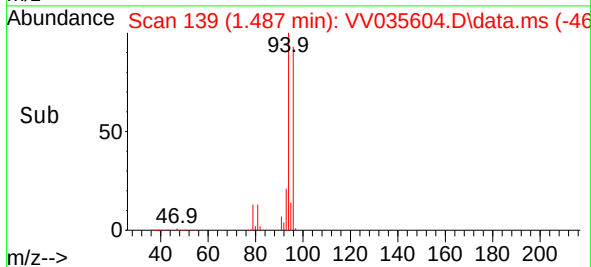
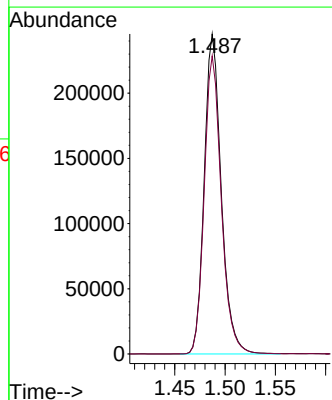
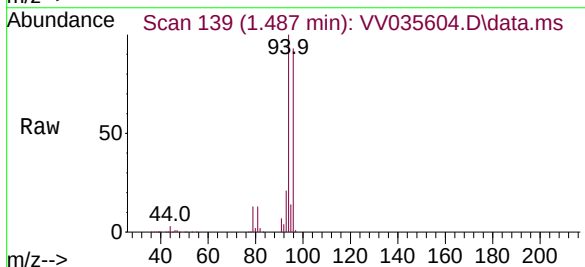
Acq: 14 May 2024 11:24

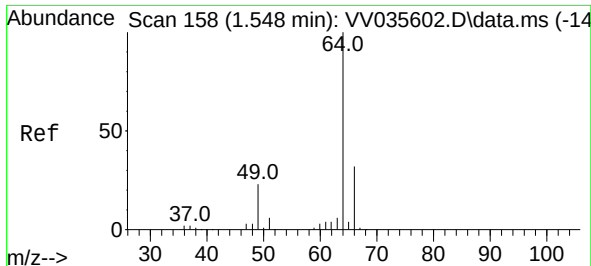
Tgt Ion: 94 Resp: 288691

Ion Ratio Lower Upper

94 100

96 93.1 66.4 123.4

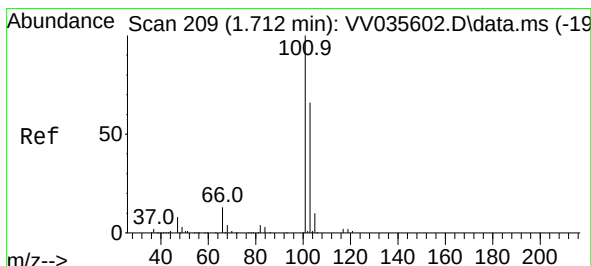
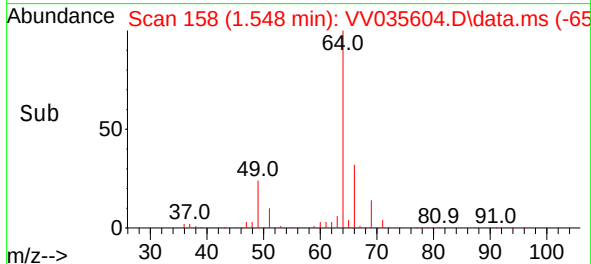
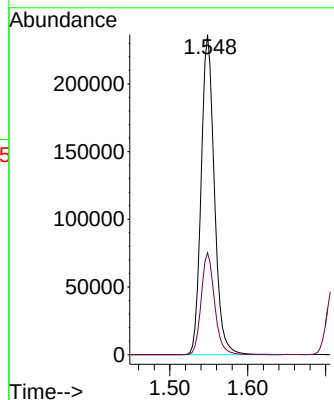
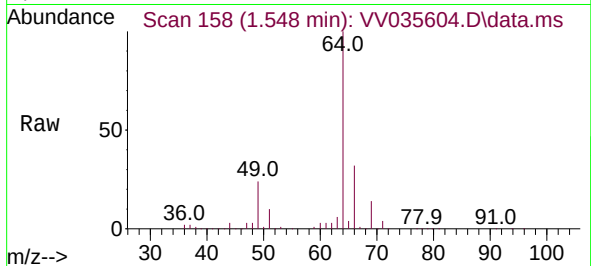




#8
Chloroethane
Concen: 16.944 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

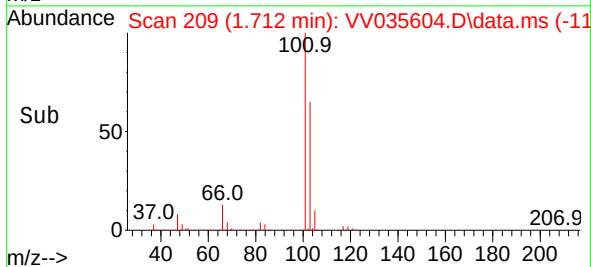
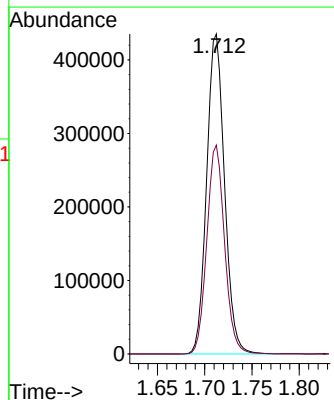
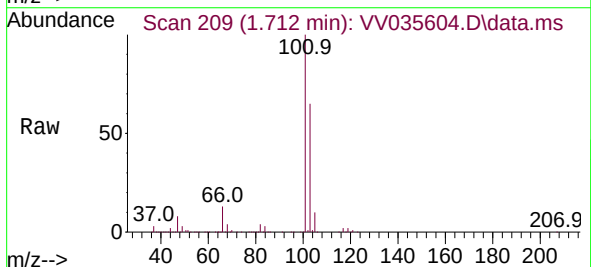
Instrument :
MSVOA_V
ClientSampleId :

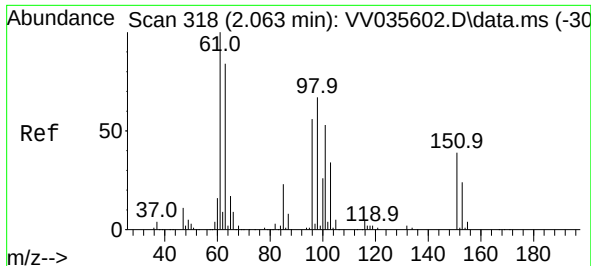
Tgt Ion: 64 Resp: 278262
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 17.934 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion:101 Resp: 571384
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2





#10

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

Concen: 18.346 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

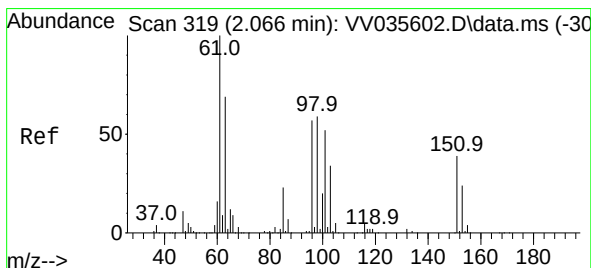
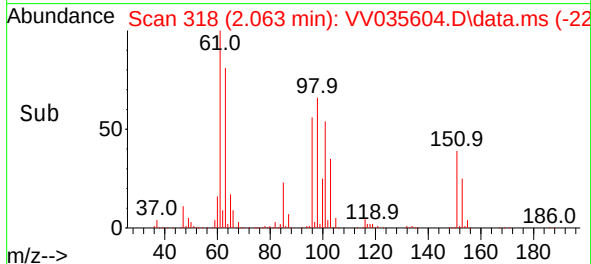
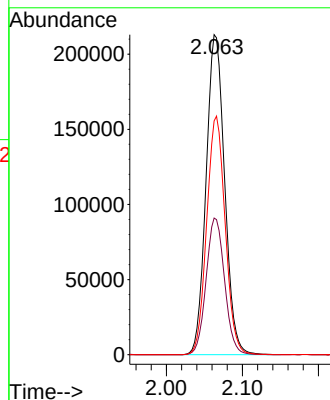
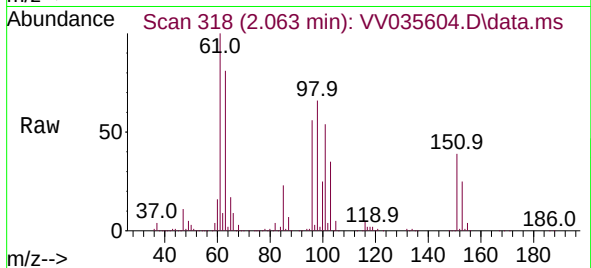
Tgt Ion:101 Resp: 361210

Ion Ratio Lower Upper

101 100

85 42.4 34.6 51.8

151 74.2 59.3 88.9



#12

1,1-Dichloroethene

Concen: 17.849 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

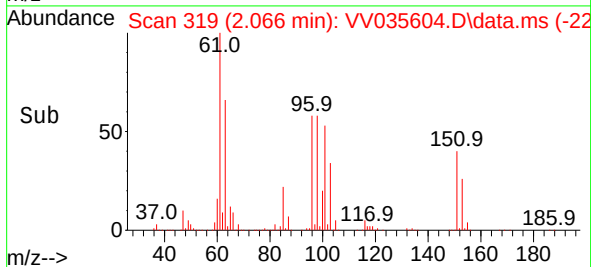
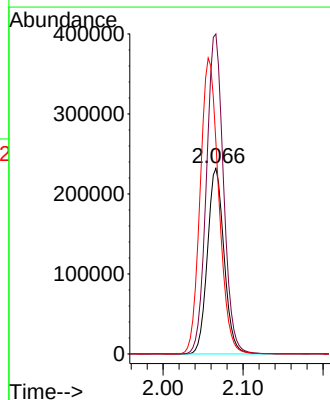
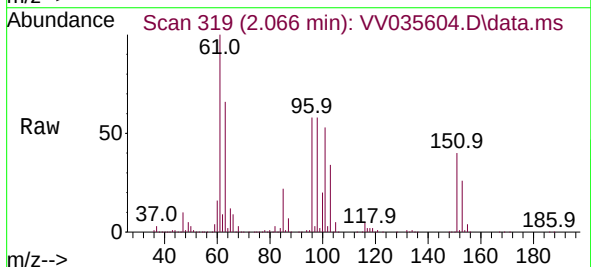
Tgt Ion: 96 Resp: 336313

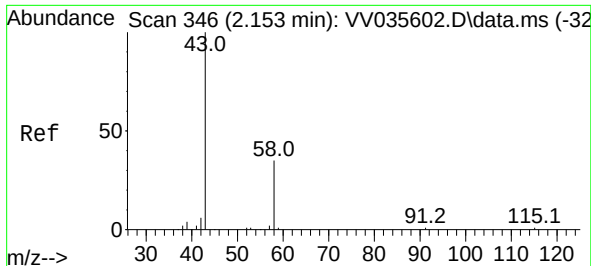
Ion Ratio Lower Upper

96 100

61 172.4 122.8 228.1

63 114.3 85.1 158.1





#13

Acetone

Concen: 214.034 ug/L

RT: 2.143 min Scan# 346

Delta R.T. -0.010 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

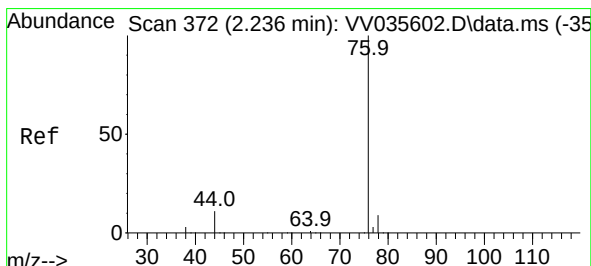
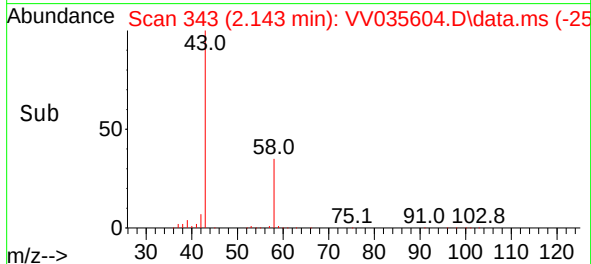
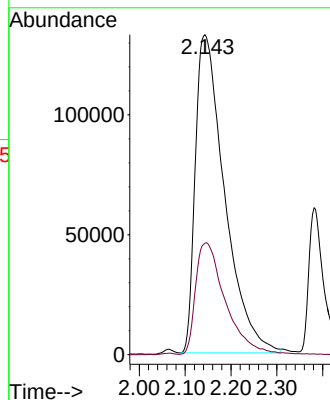
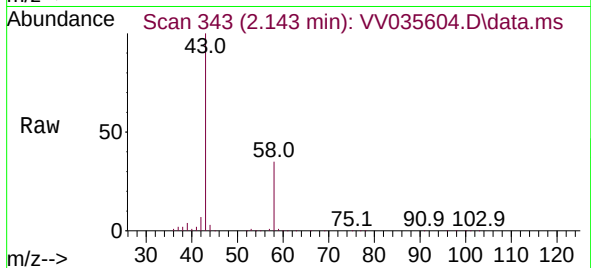
ClientSampleId :

Tgt Ion: 43 Resp: 588607

Ion Ratio Lower Upper

43 100

58 35.4 0.0 69.2



#14

Carbon disulfide

Concen: 16.612 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035604.D

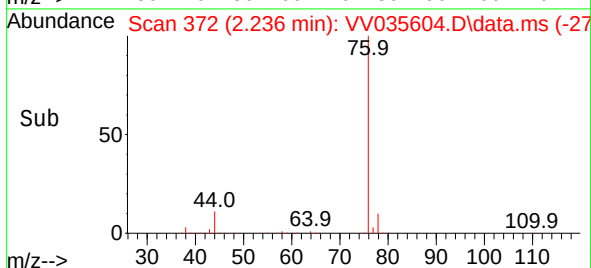
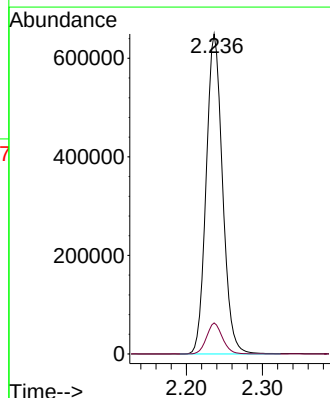
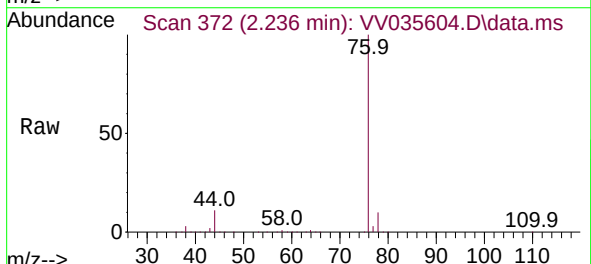
Acq: 14 May 2024 11:24

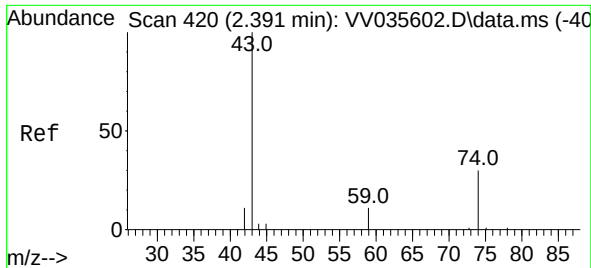
Tgt Ion: 76 Resp: 970908

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

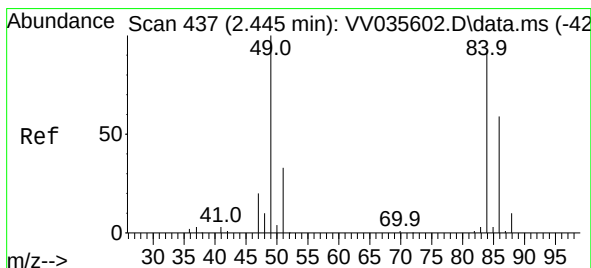
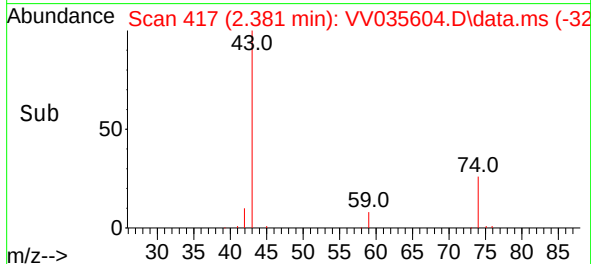
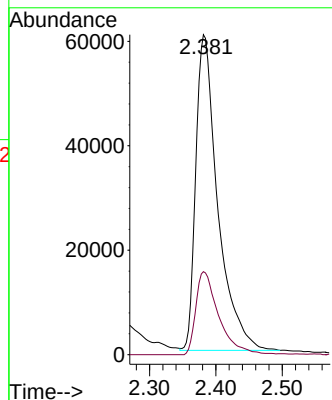
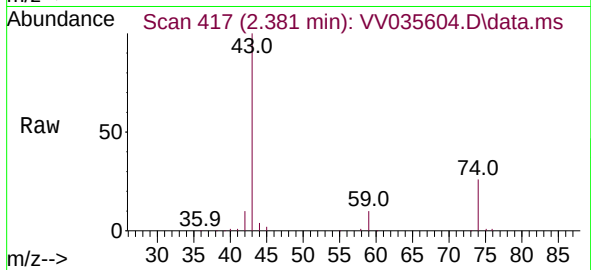




#15
Methyl Acetate
Concen: 19.713 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

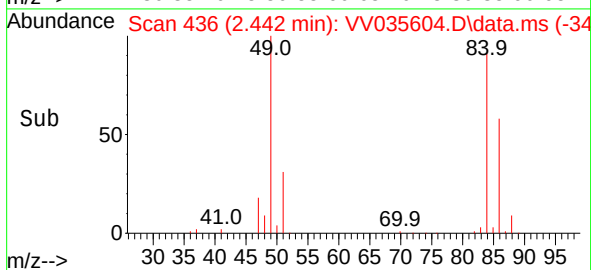
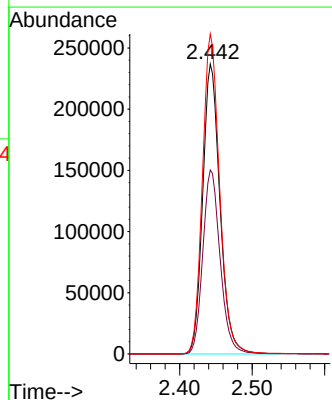
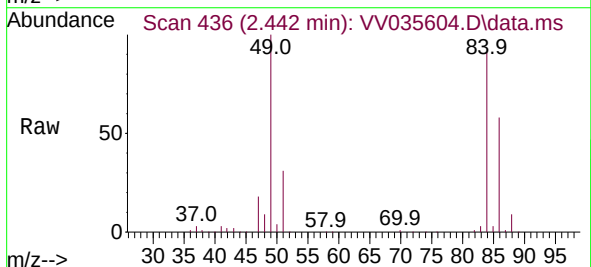
Instrument :
MSVOA_V
ClientSampleId :

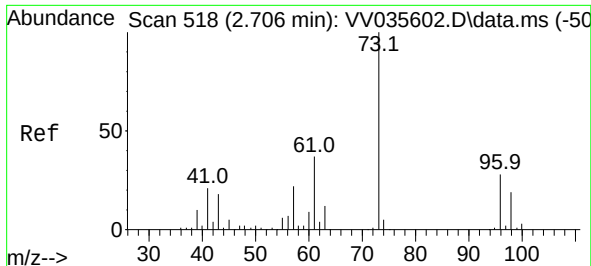
Tgt Ion: 43 Resp: 139325
Ion Ratio Lower Upper
43 100
74 27.5 23.2 34.8



#16
Methylene chloride
Concen: 16.508 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 84 Resp: 392334
Ion Ratio Lower Upper
84 100
86 63.5 44.9 83.5
49 110.4 75.8 140.8





#17

Methyl tert-butyl Ether

Concen: 21.043 ug/L

RT: 2.703 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

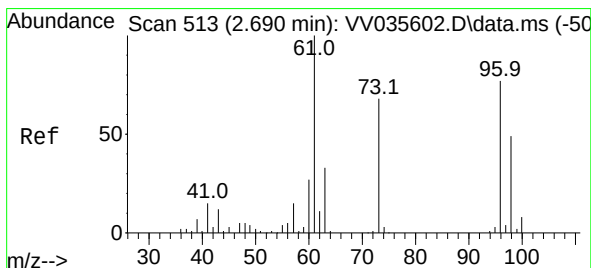
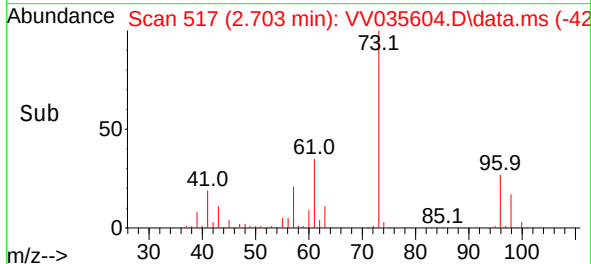
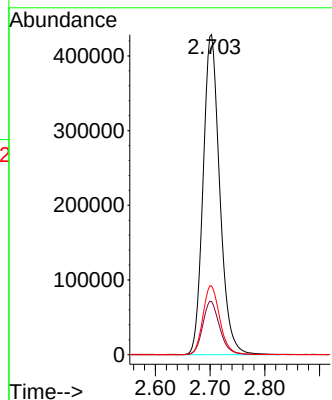
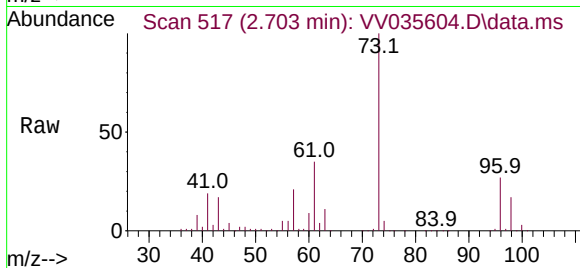
Tgt Ion: 73 Resp: 906101

Ion Ratio Lower Upper

73 100

43 16.8 13.8 20.8

57 21.9 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 19.052 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

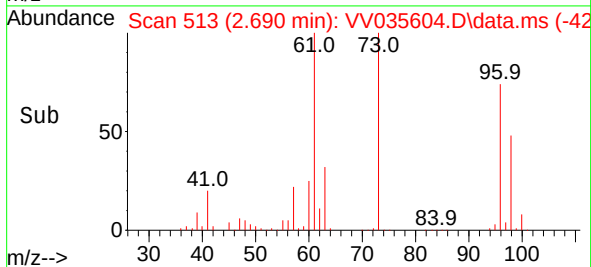
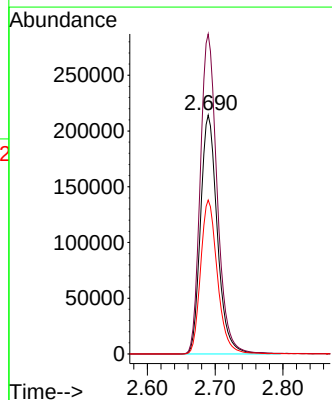
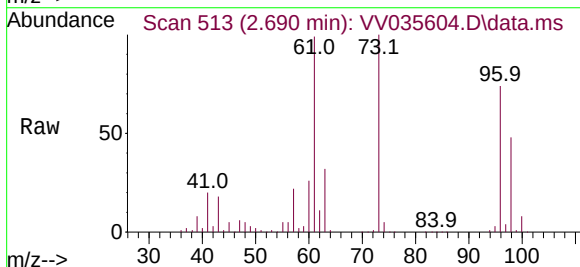
Tgt Ion: 96 Resp: 368736

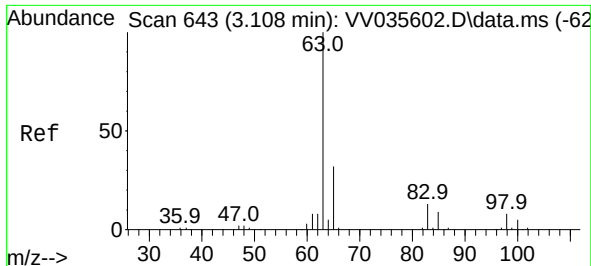
Ion Ratio Lower Upper

96 100

61 133.9 91.1 169.3

98 64.4 44.7 83.1

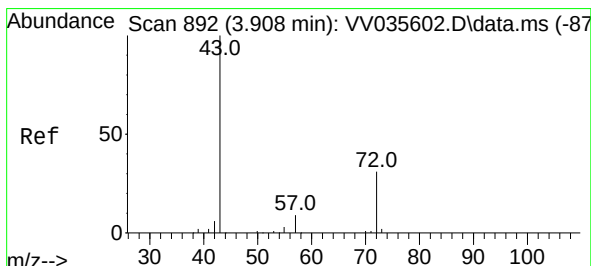
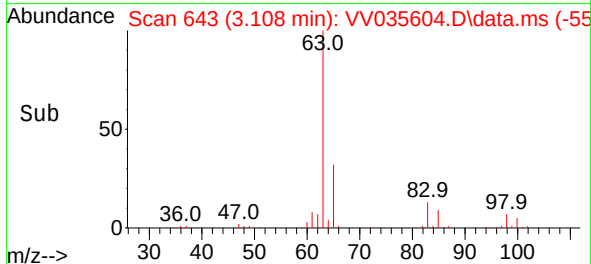
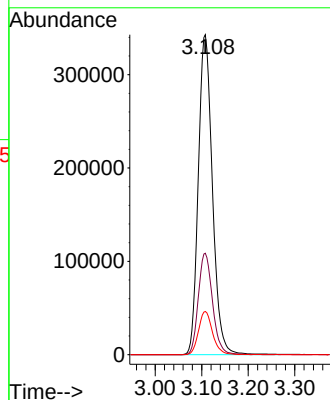
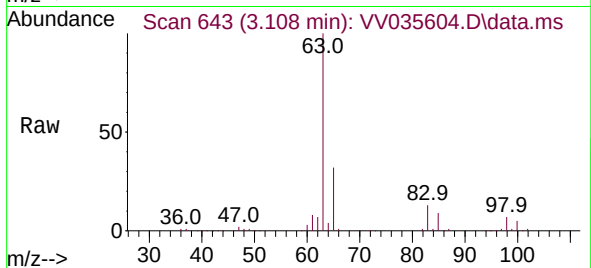




#19
1,1-Dichloroethane
Concen: 18.588 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

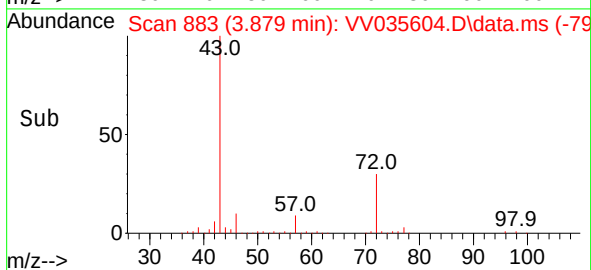
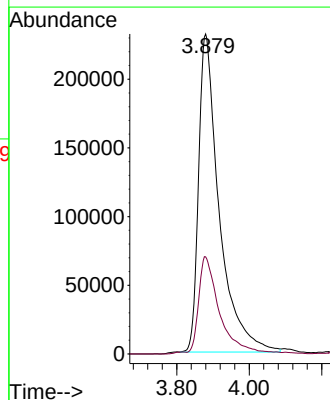
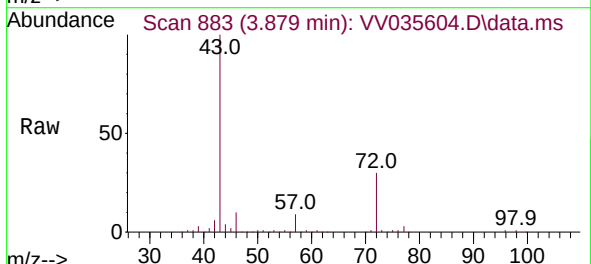
Instrument :
MSVOA_V
ClientSampleId :

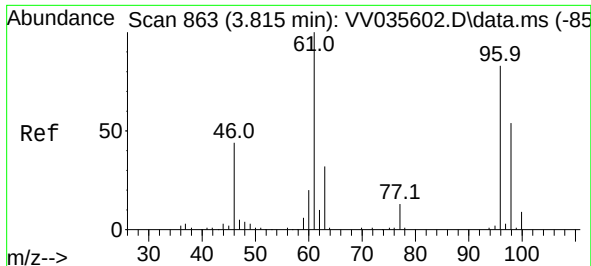
Tgt Ion: 63 Resp: 721206
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 13.5 9.2 17.0



#21
2-Butanone
Concen: 209.325 ug/L
RT: 3.879 min Scan# 883
Delta R.T. -0.029 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 43 Resp: 912423
Ion Ratio Lower Upper
43 100
72 29.7 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 21.358 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.006 min

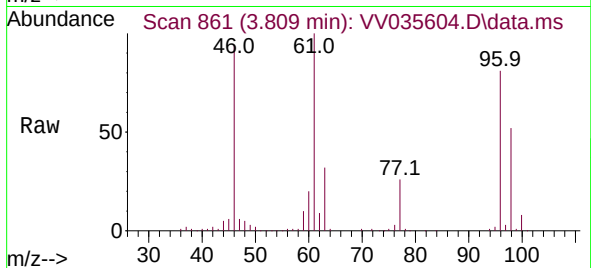
Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :



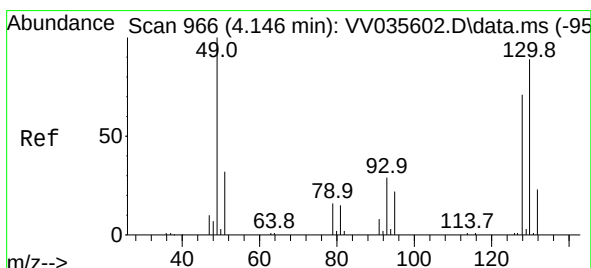
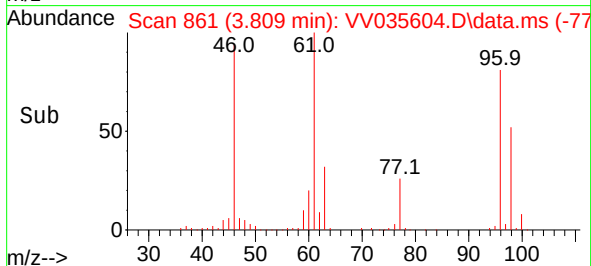
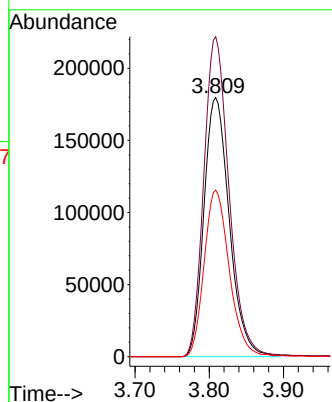
Tgt Ion: 96 Resp: 427123

Ion Ratio Lower Upper

96 100

61 123.4 84.3 156.5

98 64.2 45.6 84.6



#23

Bromochloromethane

Concen: 20.659 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Tgt Ion:128 Resp: 190424

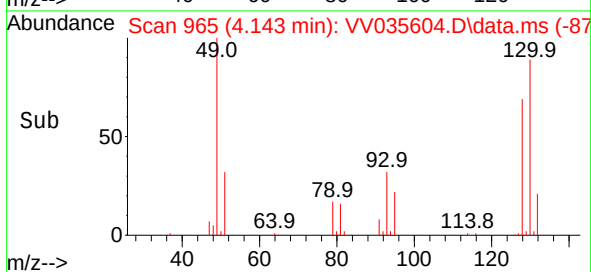
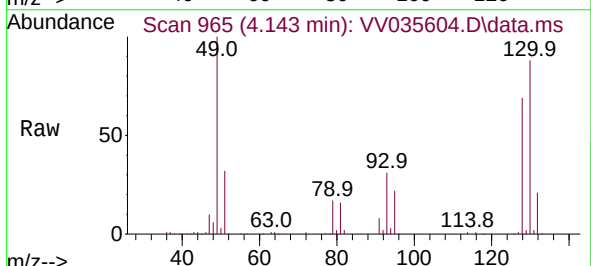
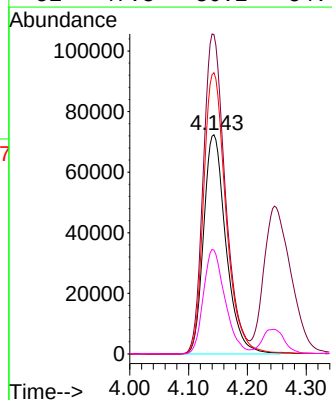
Ion Ratio Lower Upper

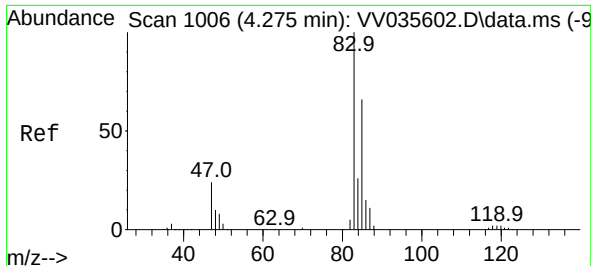
128 100

49 145.7 98.6 183.0

130 128.4 87.6 162.8

51 47.3 36.2 54.4





#25

Chloroform

Concen: 19.473 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

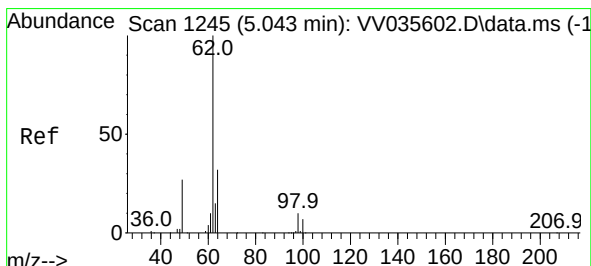
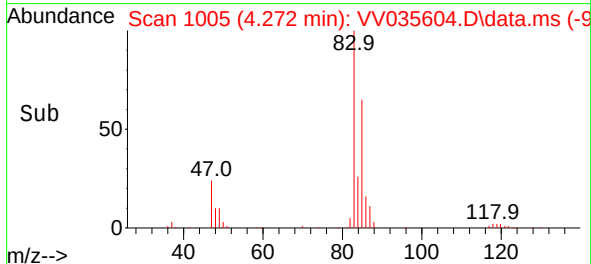
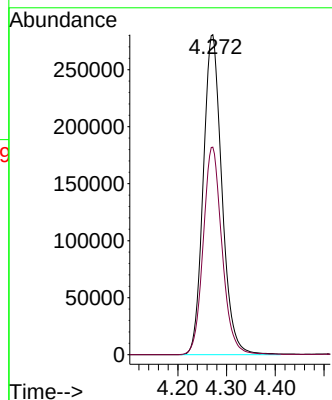
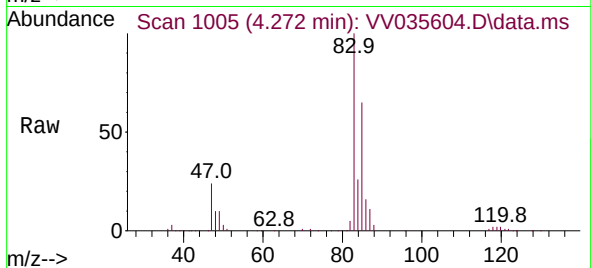
ClientSampleId :

Tgt Ion: 83 Resp: 746451

Ion Ratio Lower Upper

83 100

85 64.9 45.9 85.3



#27

1,2-Dichloroethane

Concen: 19.324 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VV035604.D

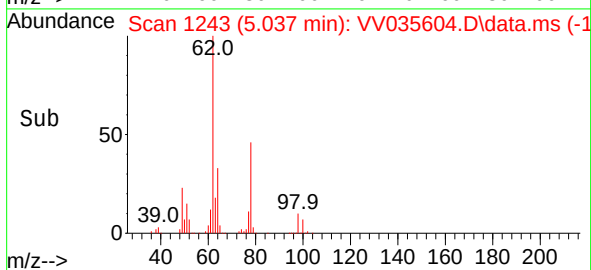
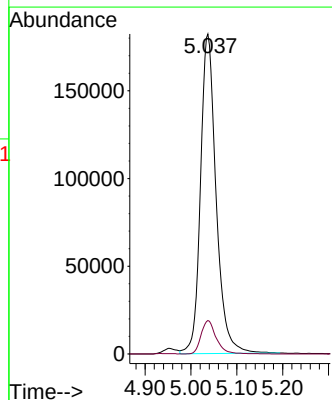
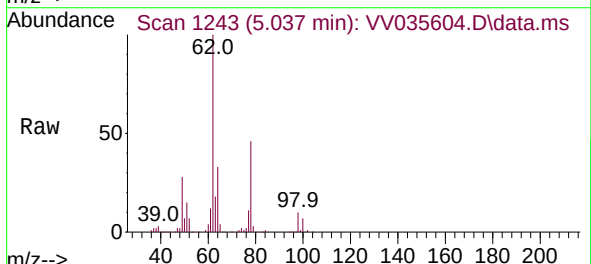
Acq: 14 May 2024 11:24

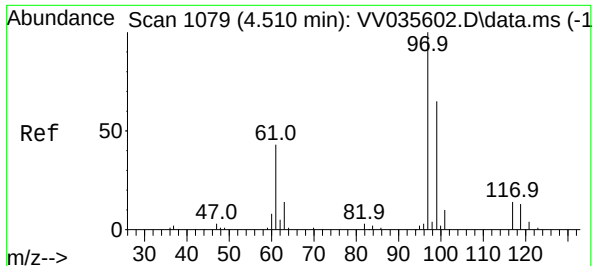
Tgt Ion: 62 Resp: 431133

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4

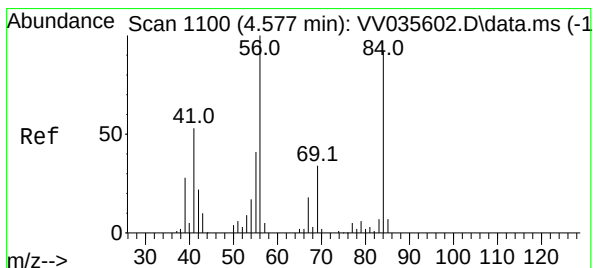
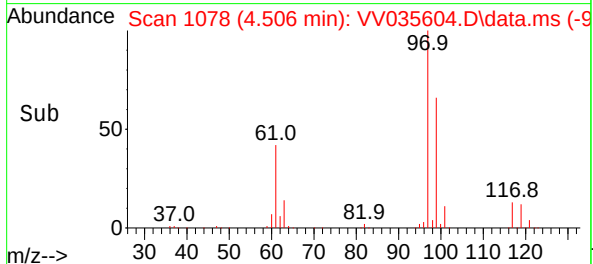
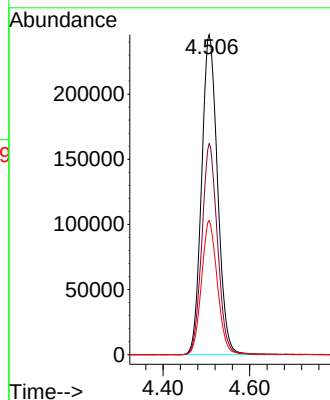
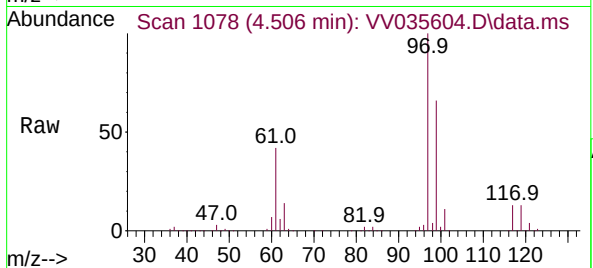




#29
1,1,1-Trichloroethane
Concen: 19.390 ug/L
RT: 4.506 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

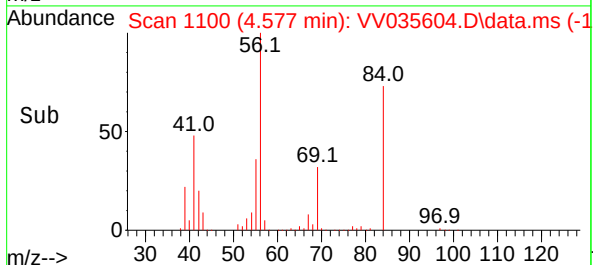
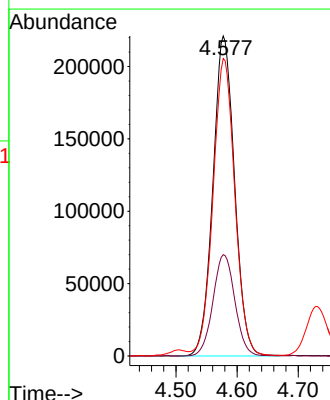
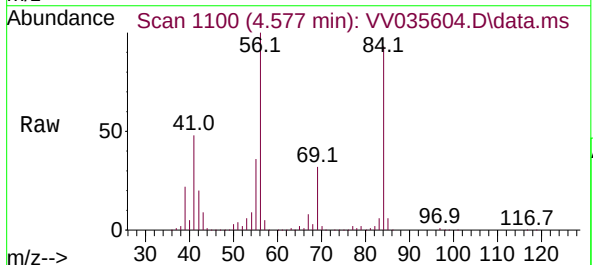
Instrument :
MSVOA_V
ClientSampleId :

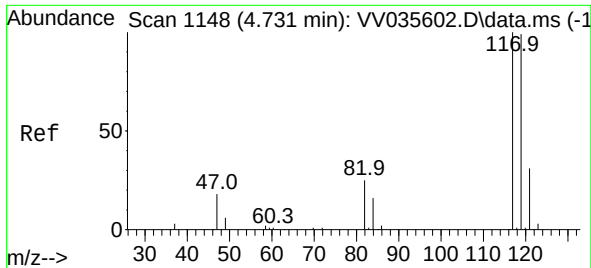
Tgt Ion: 97 Resp: 628264
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 41.7 33.9 50.9



#30
Cyclohexane
Concen: 18.612 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 56 Resp: 544719
Ion Ratio Lower Upper
56 100
69 32.1 26.4 39.6
84 93.7 75.0 112.6

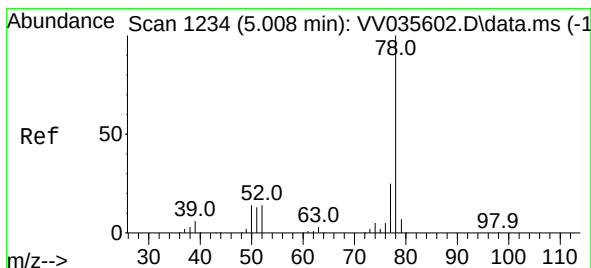
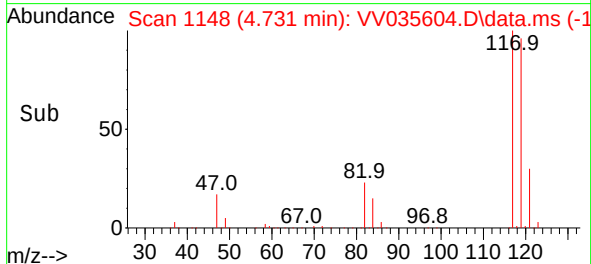
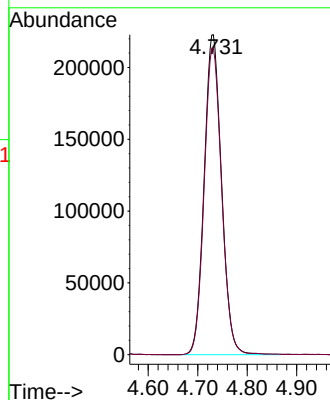
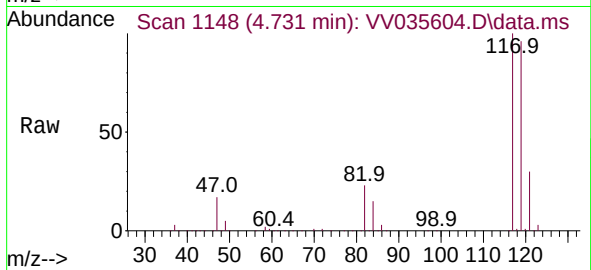




#31
Carbon tetrachloride
Concen: 19.536 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

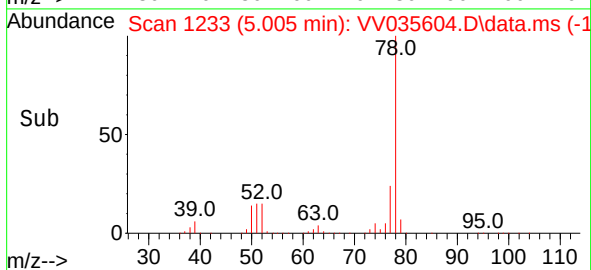
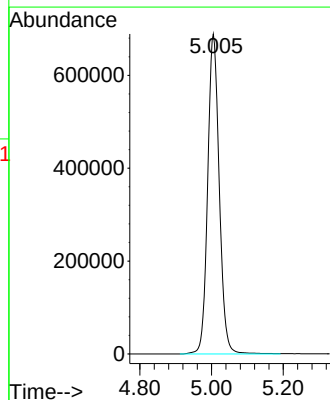
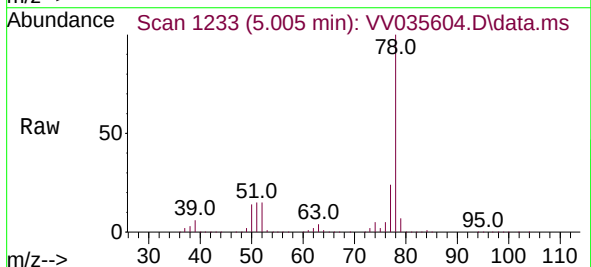
Instrument :
MSVOA_V
ClientSampleId :

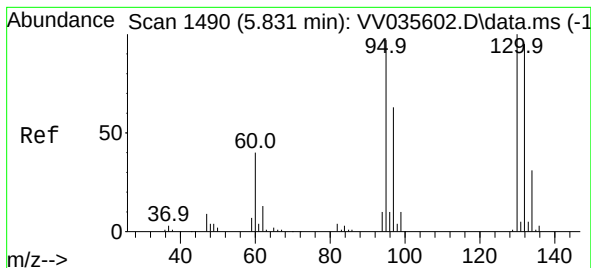
Tgt Ion:117 Resp: 543815
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8



#33
Benzene
Concen: 19.309 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 78 Resp: 1544674





#34

Trichloroethene

Concen: 19.920 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 422565

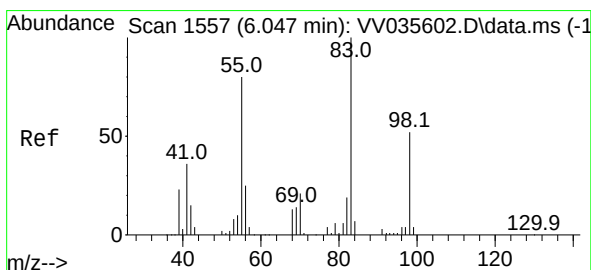
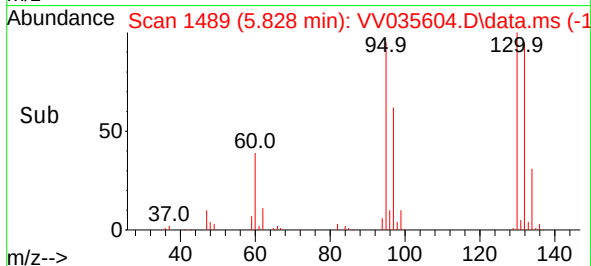
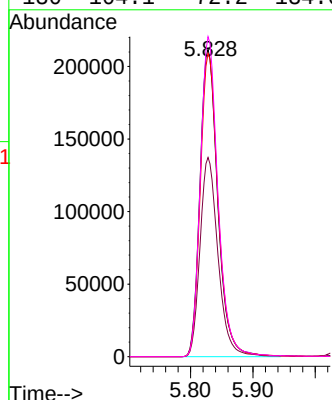
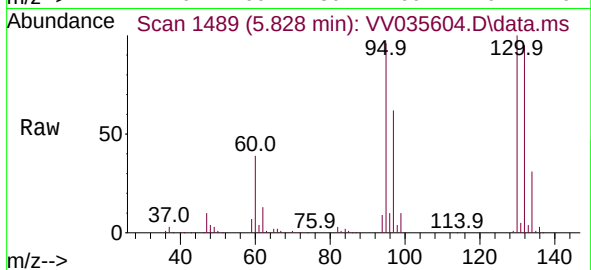
Ion Ratio Lower Upper

95 100

97 64.8 45.2 84.0

132 98.7 68.7 127.7

130 104.1 72.2 134.0



#35

Methylcyclohexane

Concen: 20.521 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

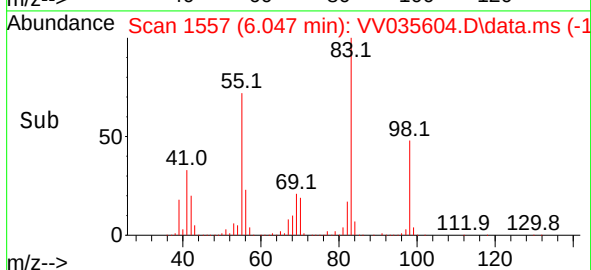
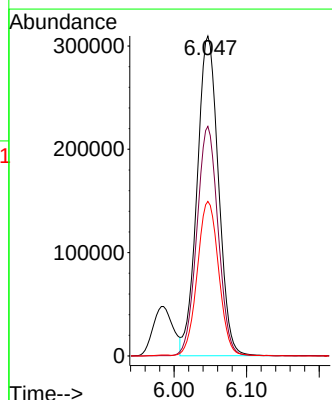
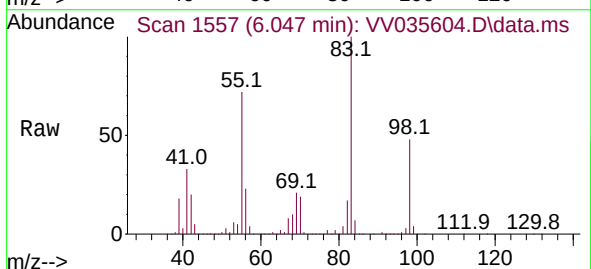
Tgt Ion: 83 Resp: 632384

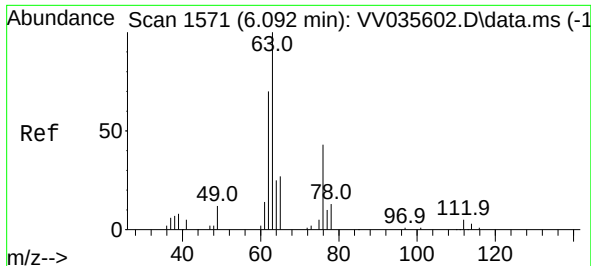
Ion Ratio Lower Upper

83 100

55 71.4 60.7 91.1

98 48.3 38.4 57.6

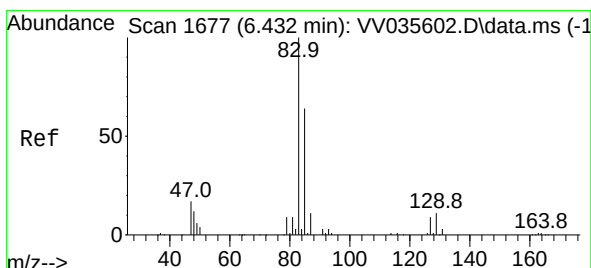
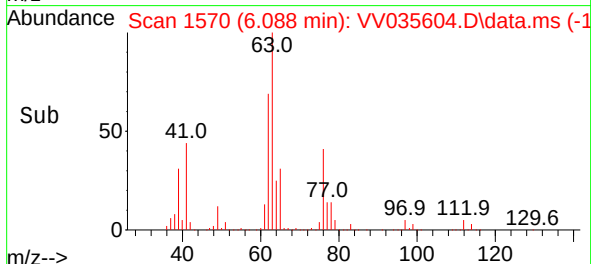
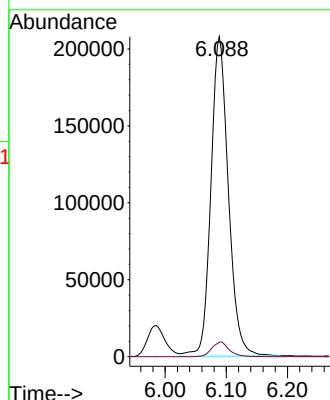
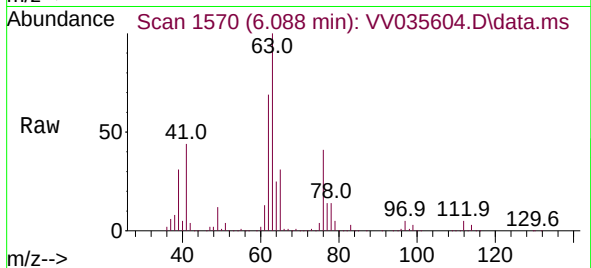




#37
1,2-Dichloropropane
Concen: 19.532 ug/L
RT: 6.088 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

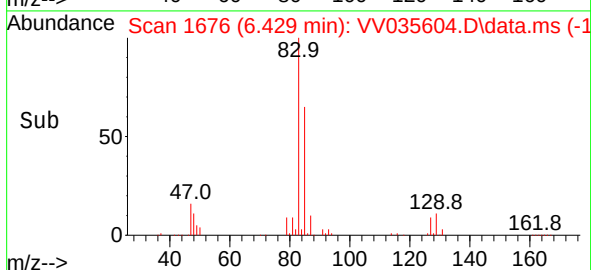
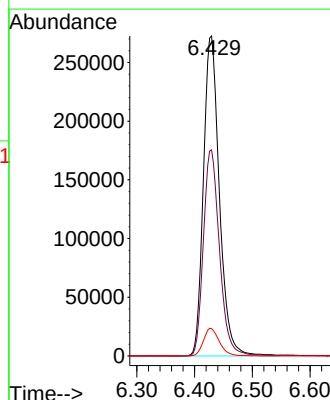
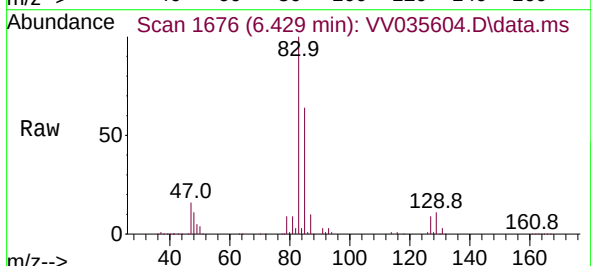
Instrument :
MSVOA_V
ClientSampleId :

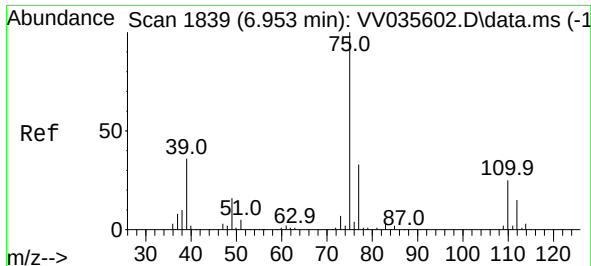
Tgt Ion: 63 Resp: 411935
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 20.098 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 83 Resp: 523616
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
127 8.6 7.2 10.8

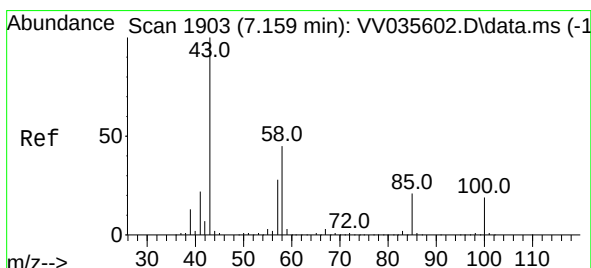
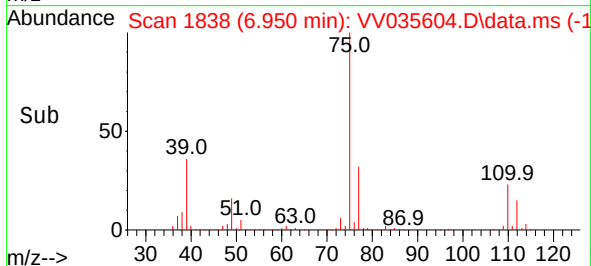
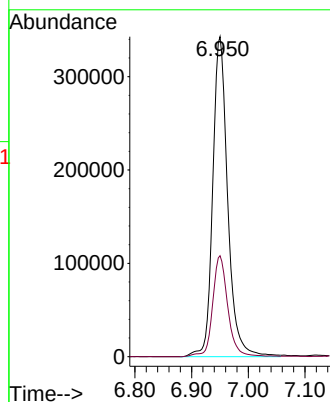
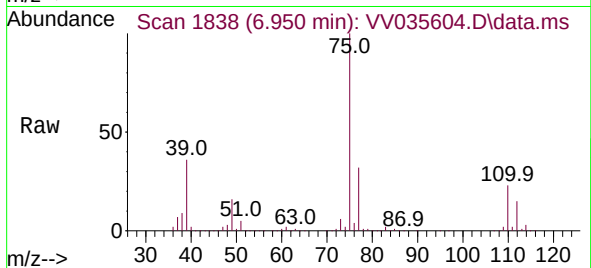




#39
cis-1,3-Dichloropropene
Concen: 22.667 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

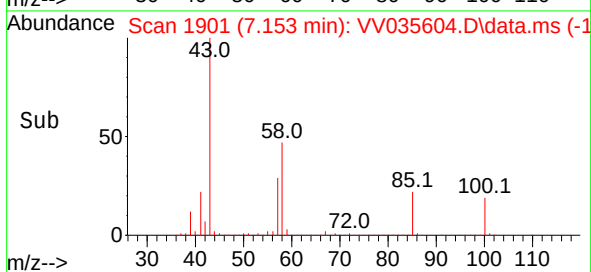
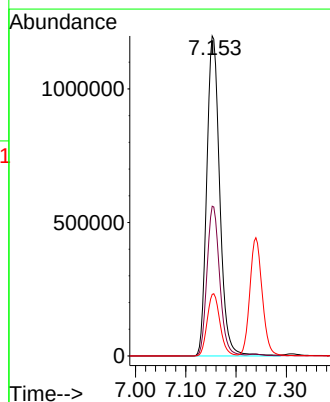
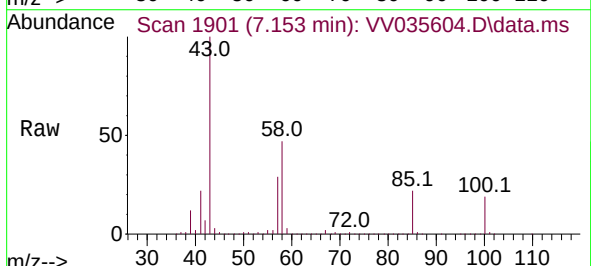
Instrument :
MSVOA_V
ClientSampleId :

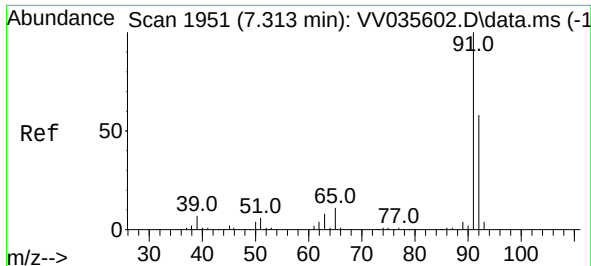
Tgt Ion: 75 Resp: 630674
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 196.086 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 43 Resp: 2143958
Ion Ratio Lower Upper
43 100
58 45.9 35.8 53.6
100 19.2 14.1 21.1





#42

Toluene

Concen: 20.158 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

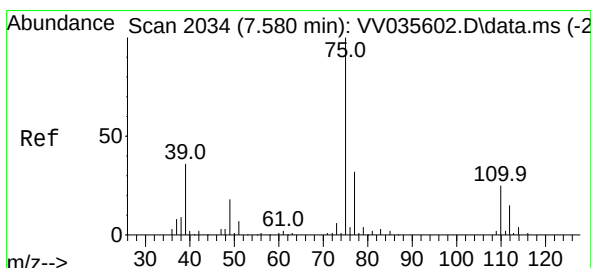
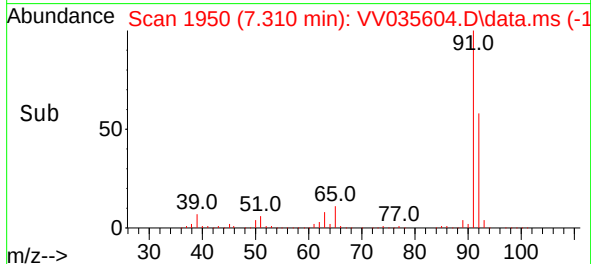
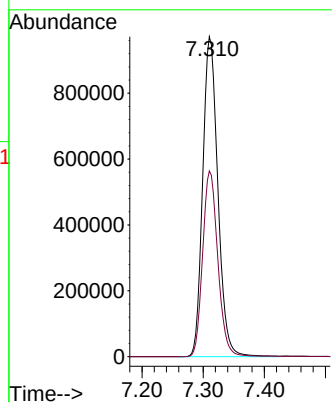
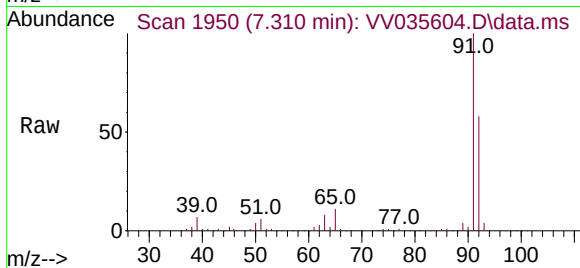
ClientSampleId :

Tgt Ion: 91 Resp: 1674001

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 22.714 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035604.D

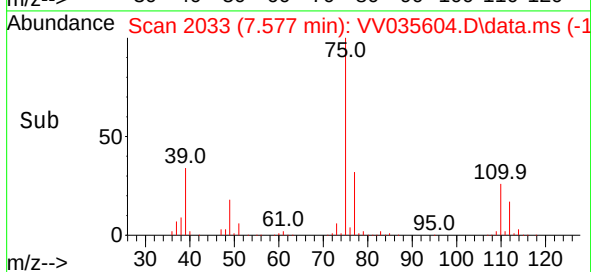
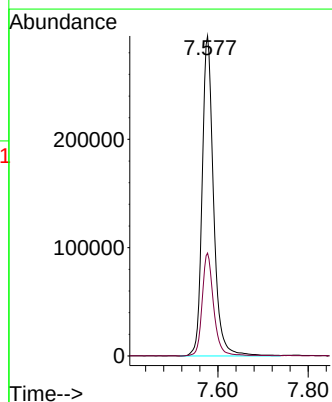
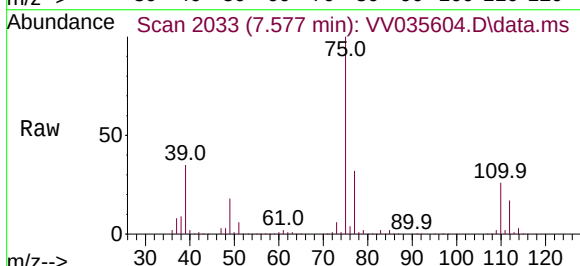
Acq: 14 May 2024 11:24

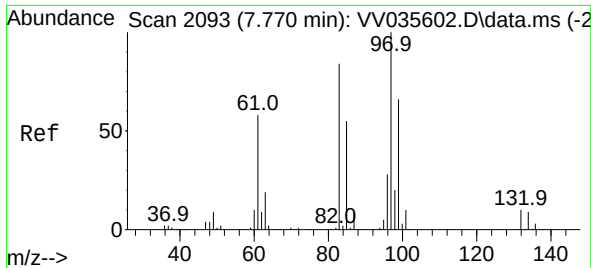
Tgt Ion: 75 Resp: 519180

Ion Ratio Lower Upper

75 100

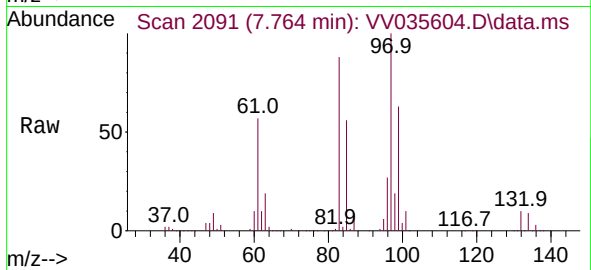
77 32.1 22.4 41.6



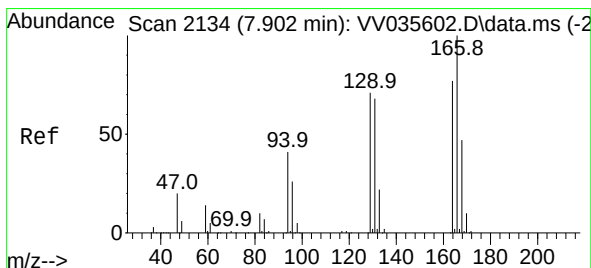
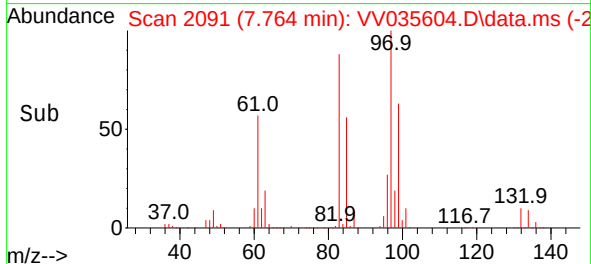
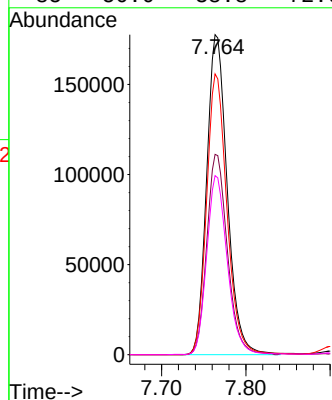


#45
1,1,2-Trichloroethane
Concen: 20.127 ug/L
RT: 7.764 min Scan# 2093
Delta R.T. -0.006 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Instrument :
MSVOA_V
ClientSampleId :

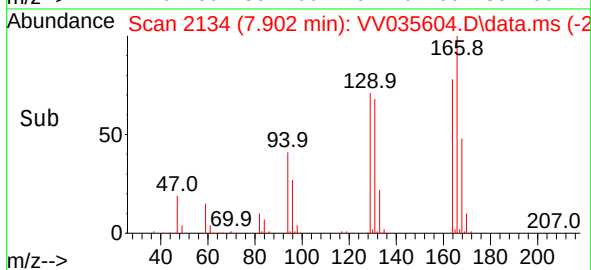
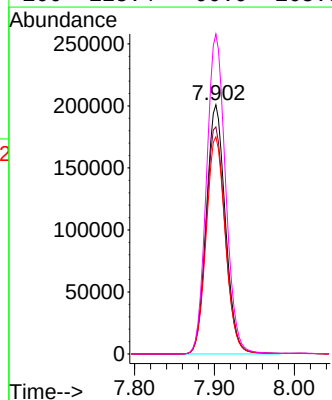
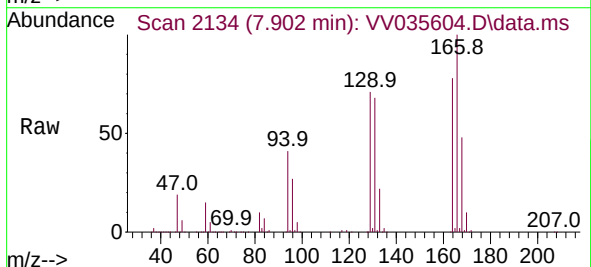


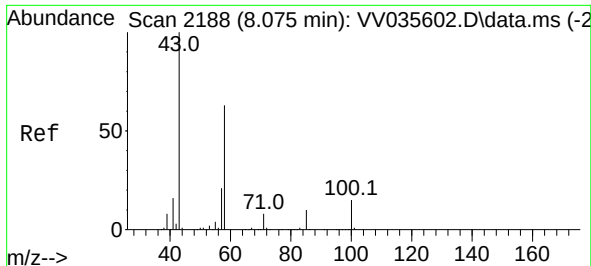
Tgt Ion:	97	Resp:	301988
Ion	Ratio	Lower	Upper
97	100		
99	62.6	46.1	85.5
83	87.8	59.0	109.6
85	56.0	38.8	72.0



#47
Tetrachloroethene
Concen: 19.768 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion:	164	Resp:	333568
Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.9	120.5
131	87.1	61.8	114.8
166	128.4	90.9	168.9





#48

2-Hexanone

Concen: 193.272 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

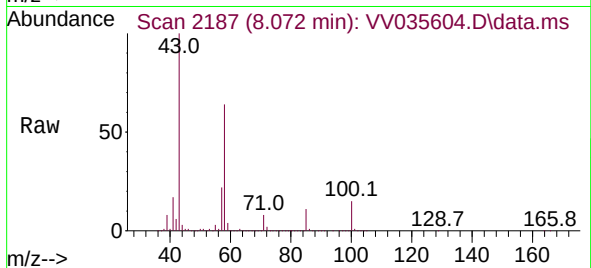
Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 1564896

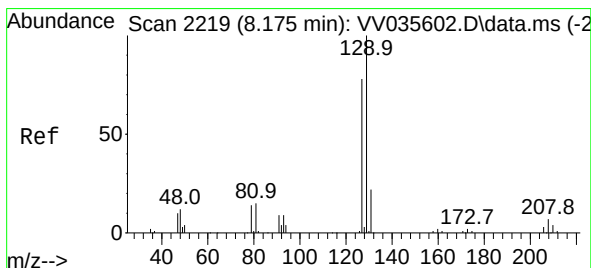
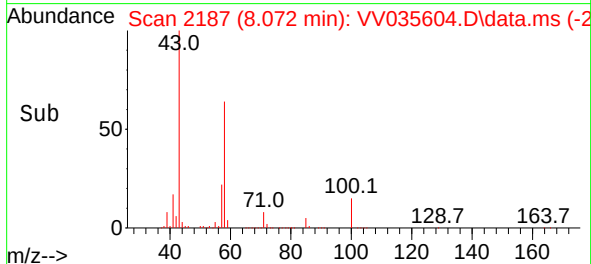
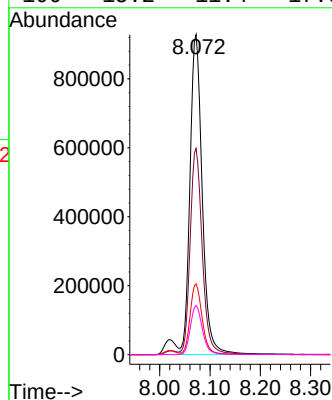
Ion Ratio Lower Upper

43 100

58 63.7 49.1 73.7

57 21.9 16.8 25.2

100 15.2 11.4 17.0



#49

Dibromochloromethane

Concen: 22.338 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.003 min

Lab File: VV035604.D

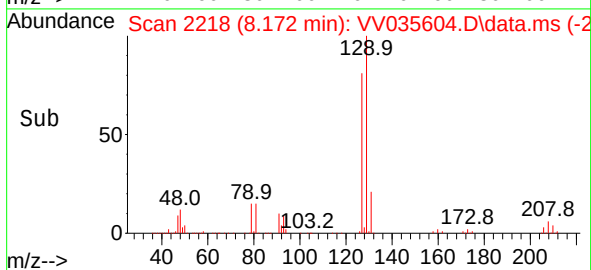
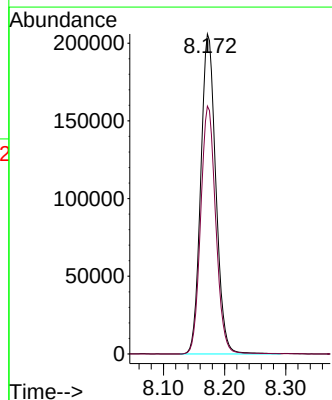
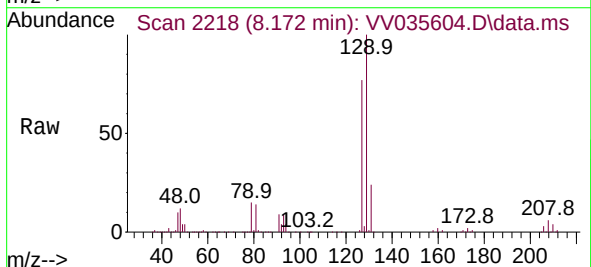
Acq: 14 May 2024 11:24

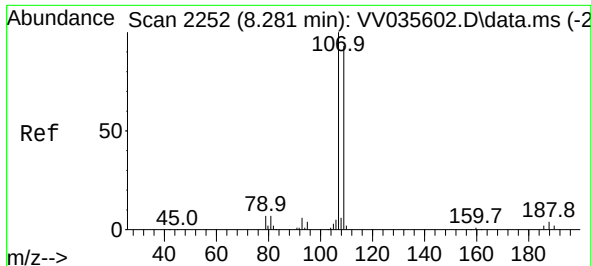
Tgt Ion:129 Resp: 352572

Ion Ratio Lower Upper

129 100

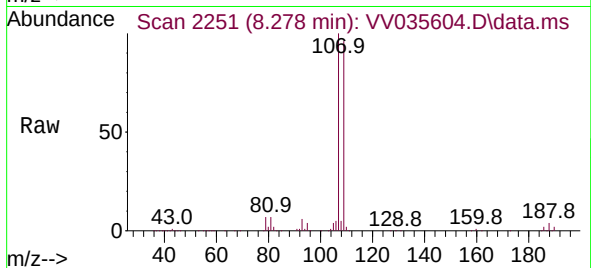
127 77.5 54.3 100.8



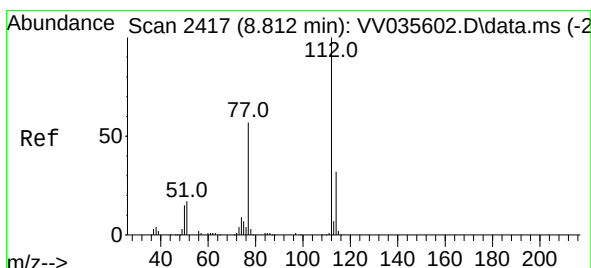
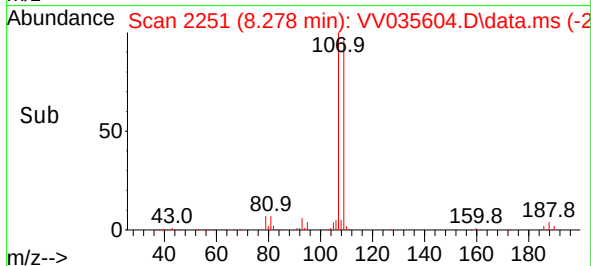
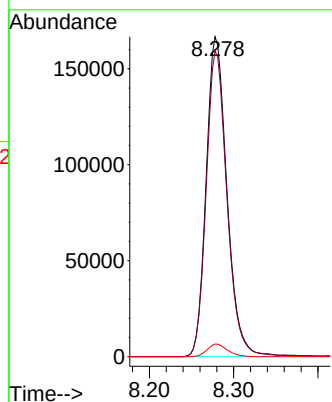


#50
1,2-Dibromoethane
Concen: 20.337 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Instrument :
MSVOA_V
ClientSampleId :

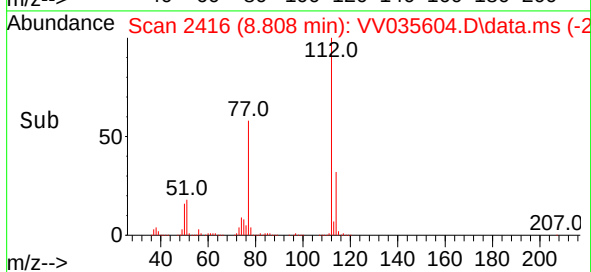
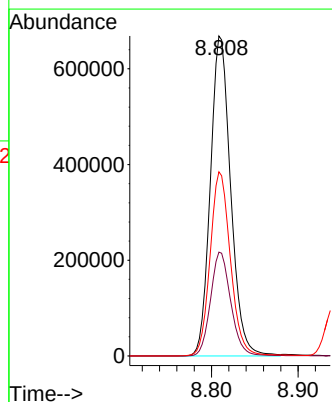
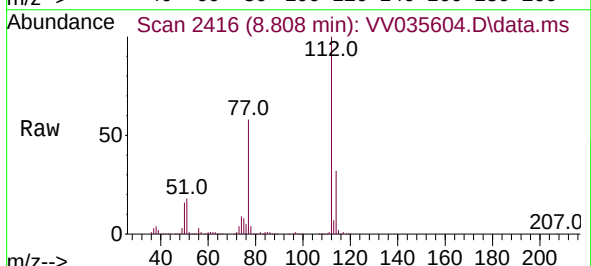


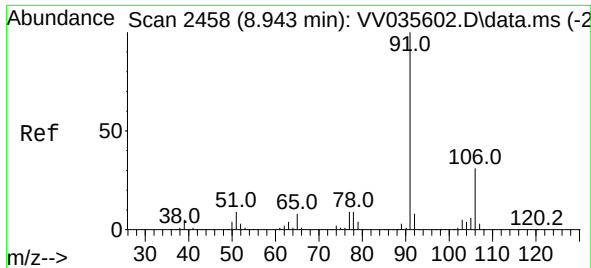
Tgt Ion:107 Resp: 286559
Ion Ratio Lower Upper
107 100
109 95.6 65.2 121.0
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 20.026 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion:112 Resp: 1089630
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 57.5 45.6 68.4





#52

Ethylbenzene

Concen: 21.195 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

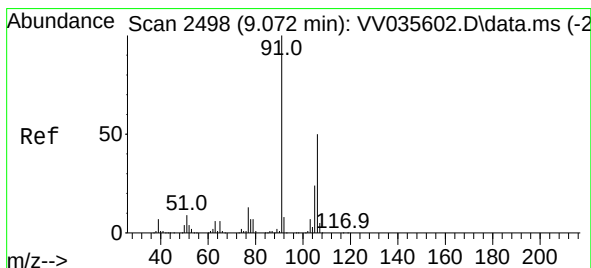
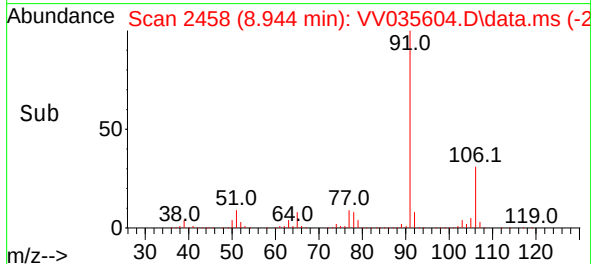
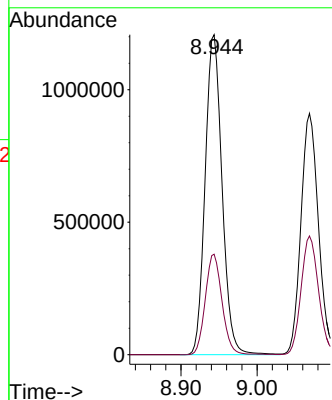
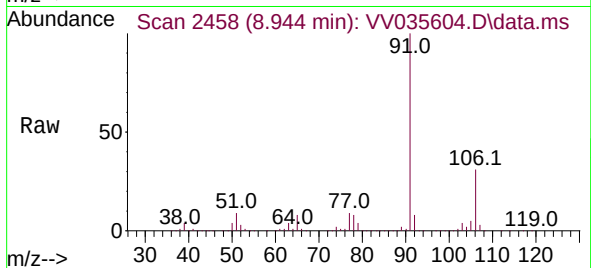
ClientSampleId :

Tgt Ion: 91 Resp: 1864983

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



#53

m,p-Xylene

Concen: 21.964 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035604.D

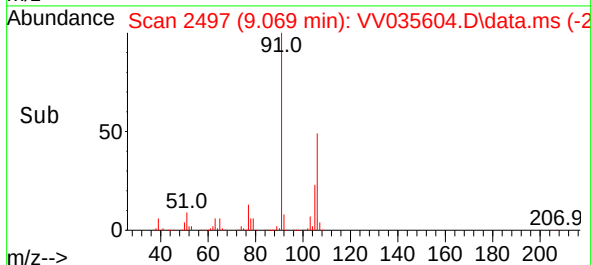
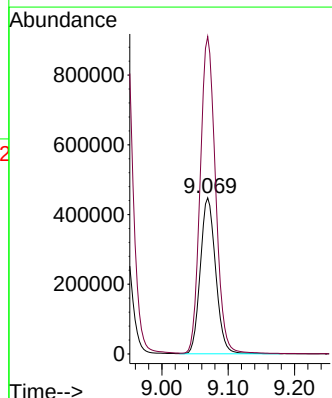
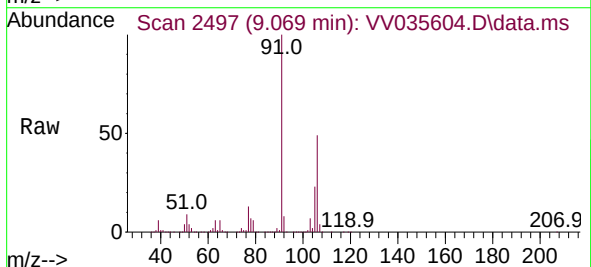
Acq: 14 May 2024 11:24

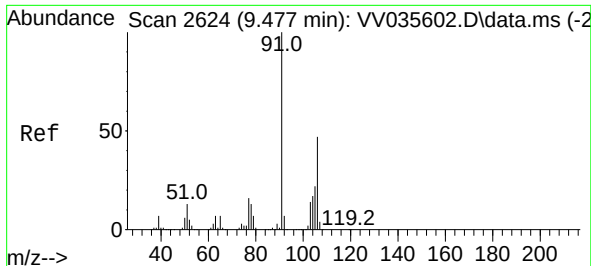
Tgt Ion:106 Resp: 719231

Ion Ratio Lower Upper

106 100

91 203.2 141.3 262.3





#54

o-Xylene

Concen: 22.350 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

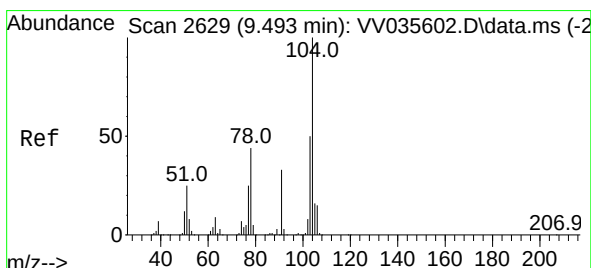
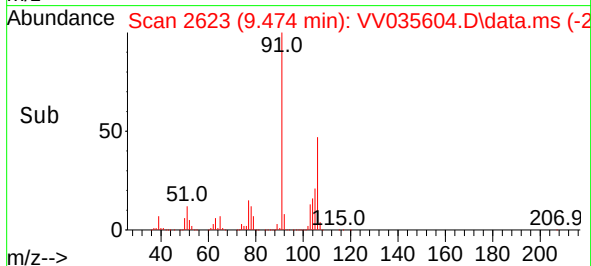
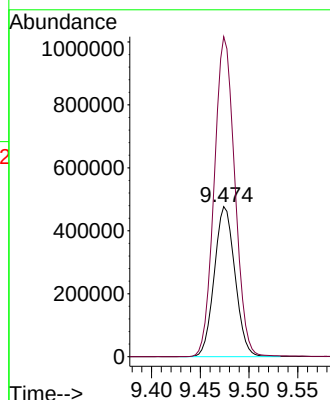
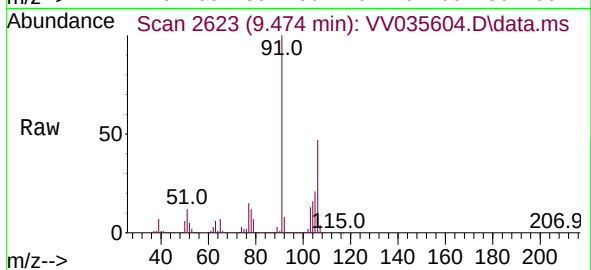
ClientSampleId :

Tgt Ion:106 Resp: 705345

Ion Ratio Lower Upper

106 100

91 213.2 148.6 276.0



#55

Styrene

Concen: 23.222 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035604.D

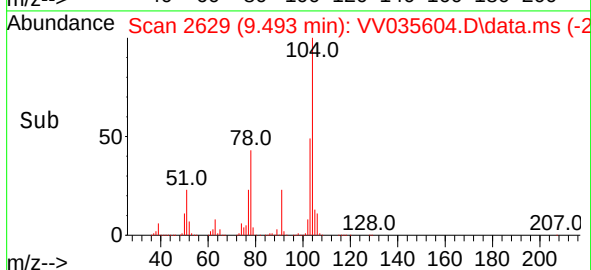
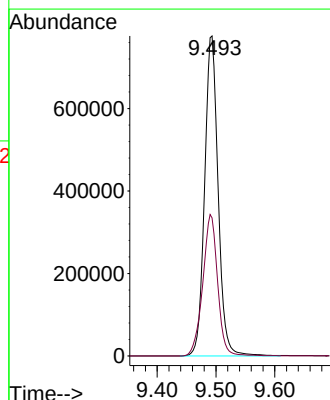
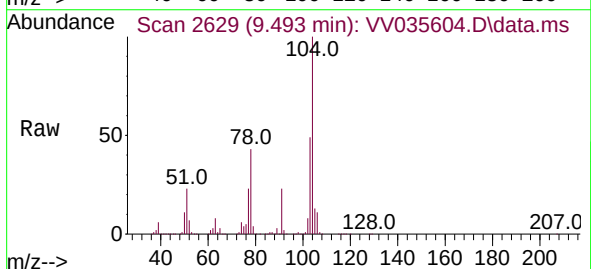
Acq: 14 May 2024 11:24

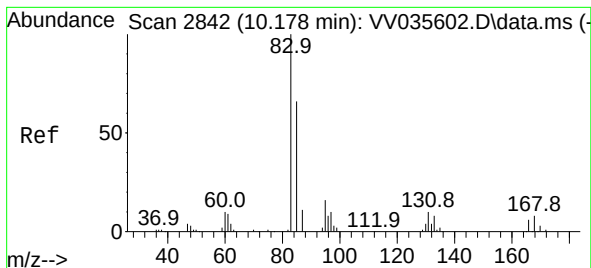
Tgt Ion:104 Resp: 1238875

Ion Ratio Lower Upper

104 100

78 43.2 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 18.680 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

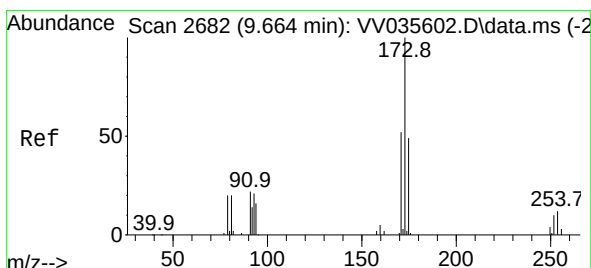
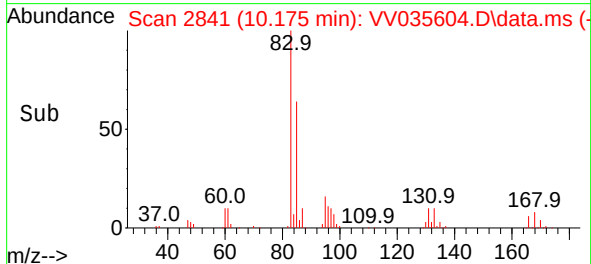
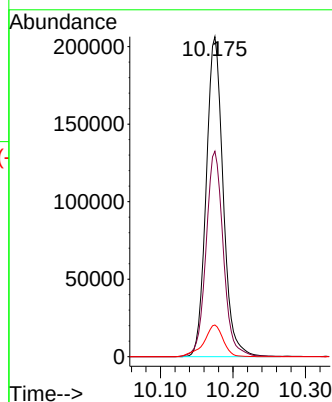
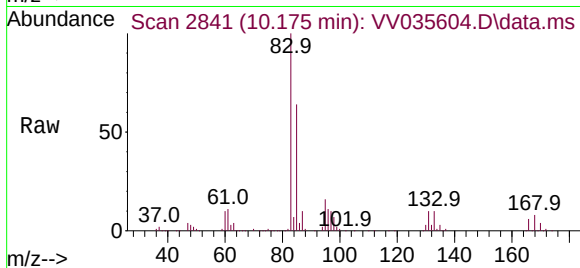
Tgt Ion: 83 Resp: 334608

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.7

131 9.9 8.2 12.2



#59

Bromoform

Concen: 23.888 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

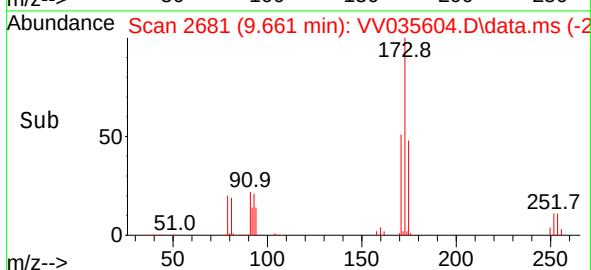
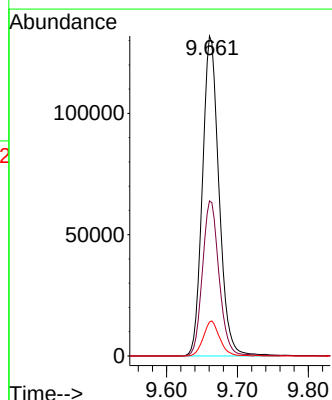
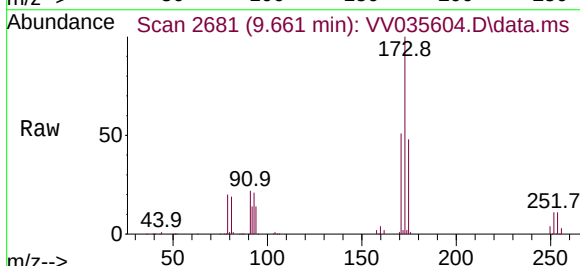
Tgt Ion: 173 Resp: 214178

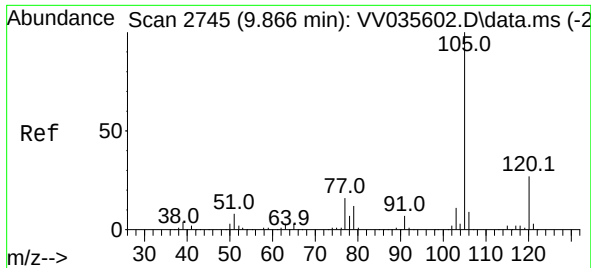
Ion Ratio Lower Upper

173 100

175 48.8 38.0 57.0

254 10.8 8.6 13.0

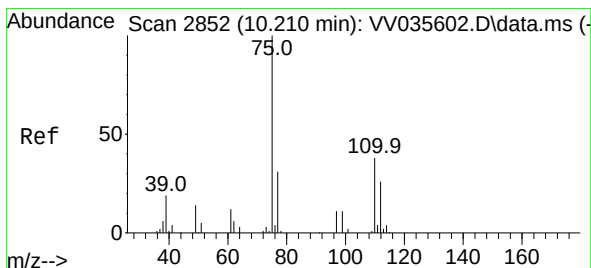
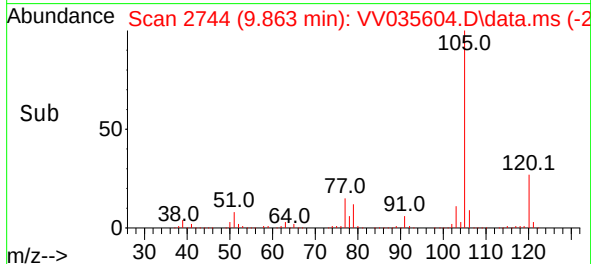
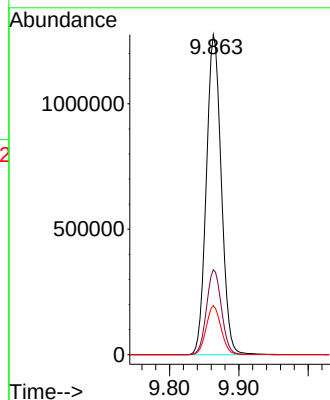
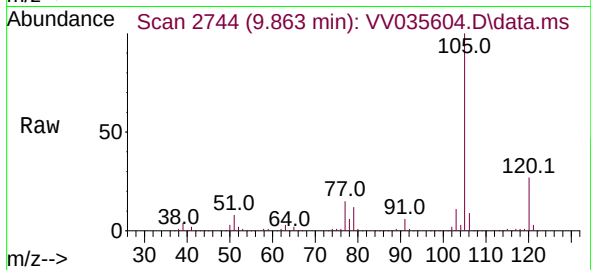




#60
Isopropylbenzene
Concen: 21.002 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

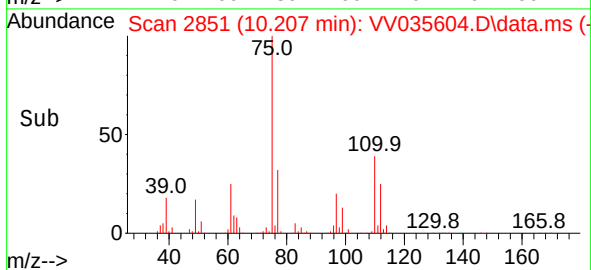
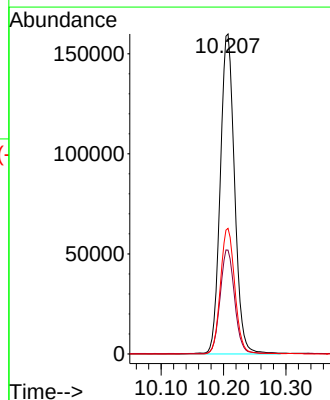
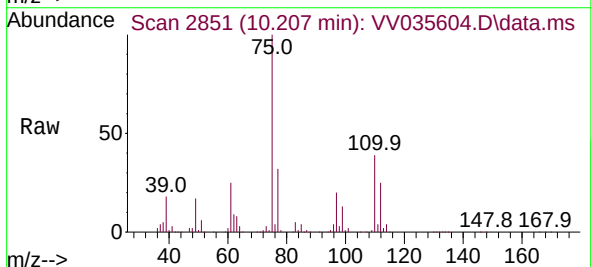
Instrument :
MSVOA_V
ClientSampleId :

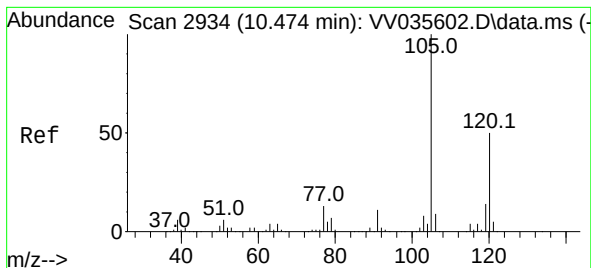
Tgt Ion:105 Resp: 1904755
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 17.735 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 75 Resp: 255025
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.2
110 39.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 22.022 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

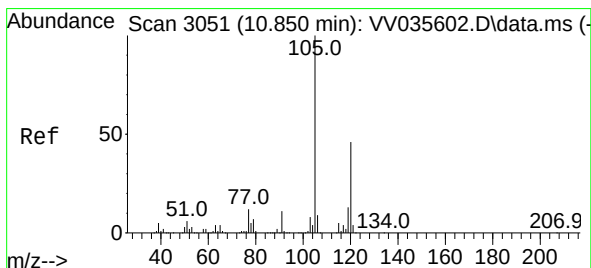
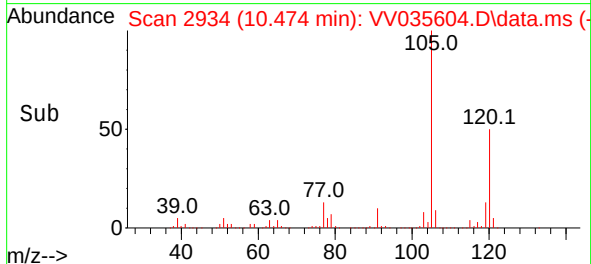
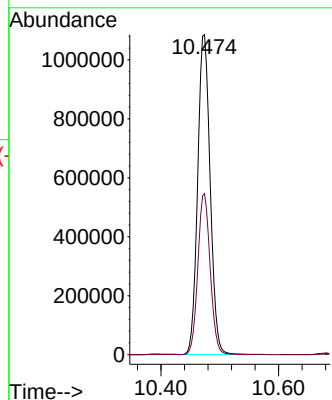
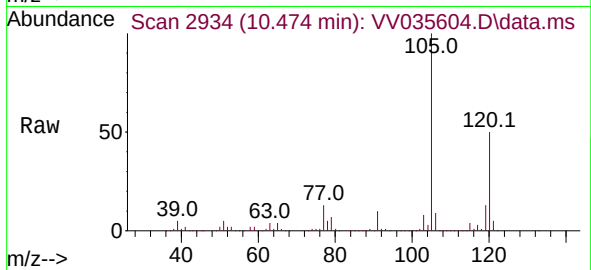
ClientSampleId :

Tgt Ion:105 Resp: 1598119

Ion Ratio Lower Upper

105 100

120 49.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 22.296 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035604.D

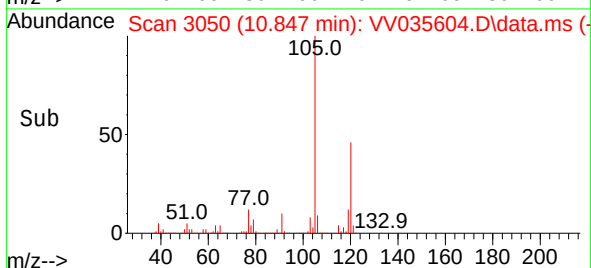
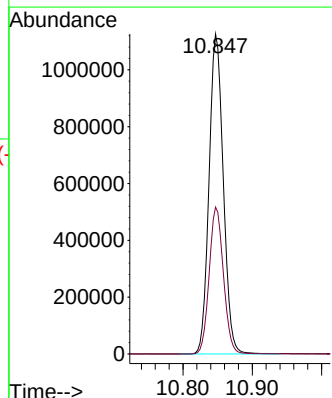
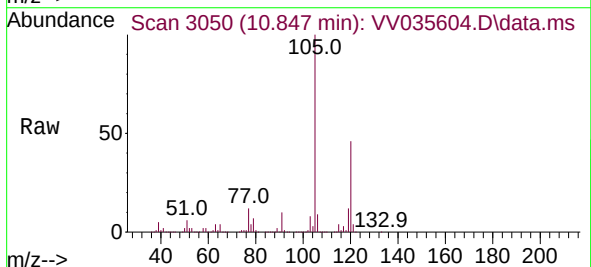
Acq: 14 May 2024 11:24

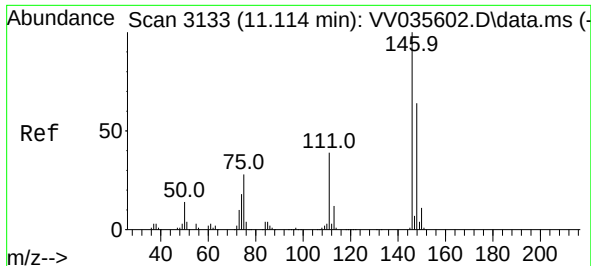
Tgt Ion:105 Resp: 1601307

Ion Ratio Lower Upper

105 100

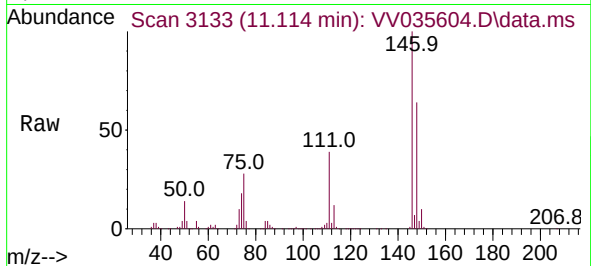
120 46.0 36.8 55.2



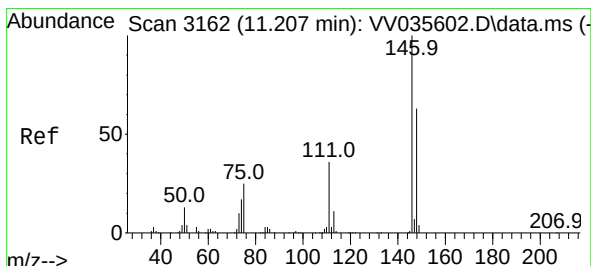
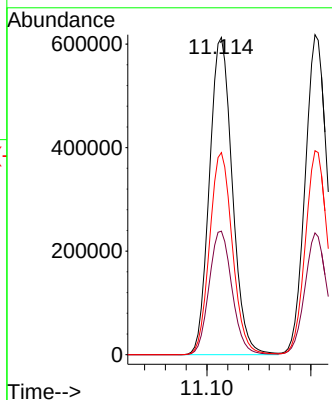
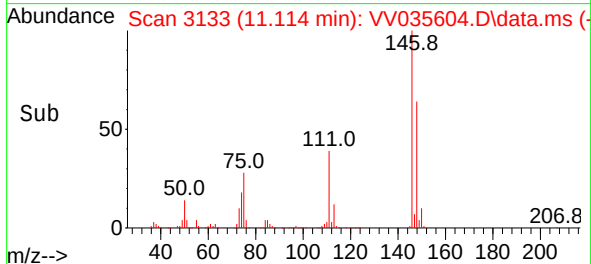


#64
1,3-Dichlorobenzene
Concen: 20.127 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

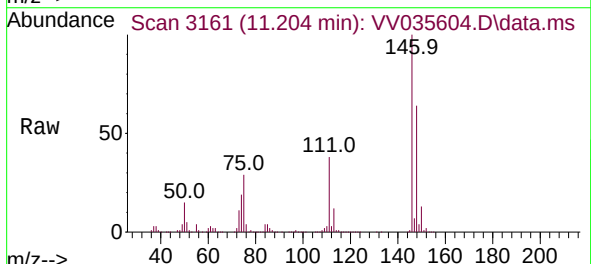
Instrument :
MSVOA_V
ClientSampleId :



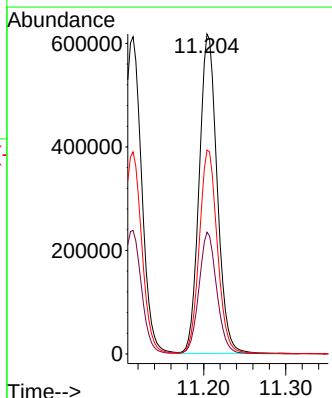
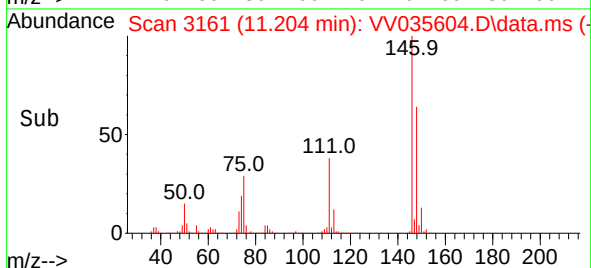
Tgt Ion:146 Resp: 936052
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.2
148 63.7 44.7 83.1

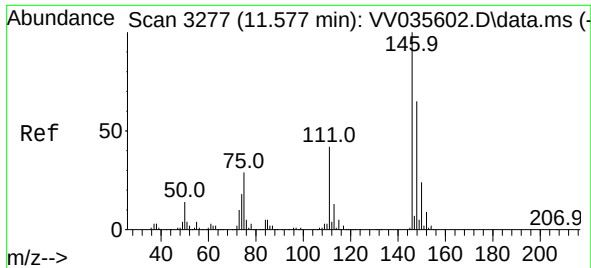


#65
1,4-Dichlorobenzene
Concen: 19.278 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24



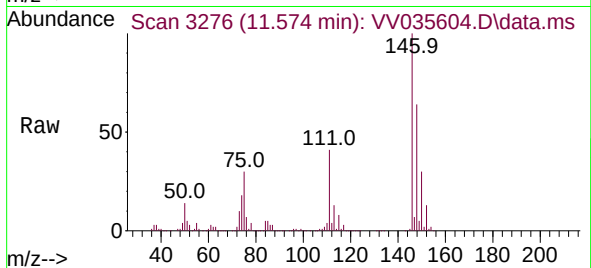
Tgt Ion:146 Resp: 937772
Ion Ratio Lower Upper
146 100
111 38.0 25.8 47.8
148 63.7 44.0 81.6



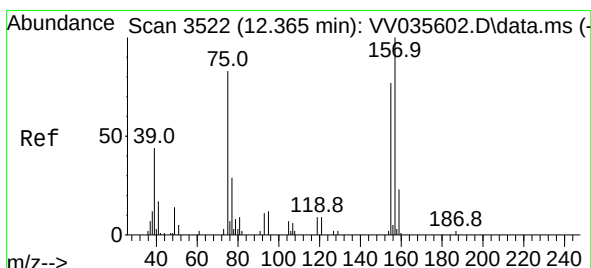
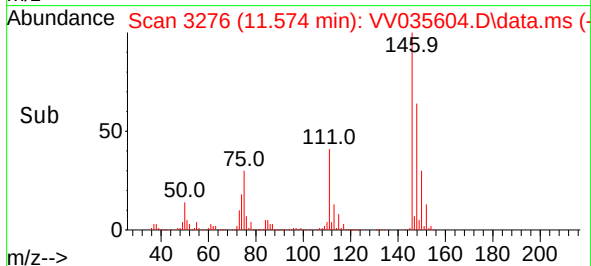
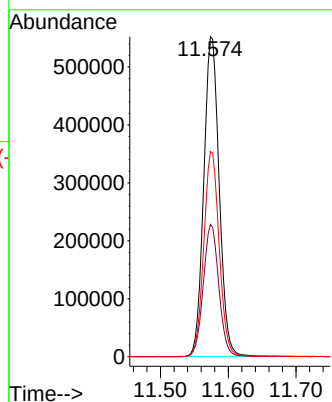


#67
1,2-Dichlorobenzene
Concen: 20.181 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Instrument :
MSVOA_V
ClientSampleId :

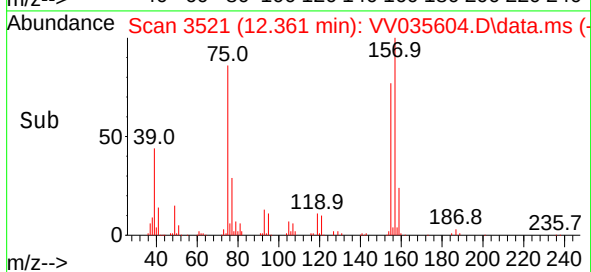
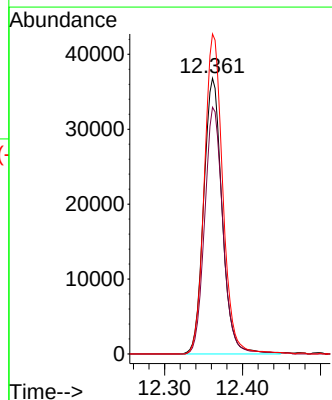
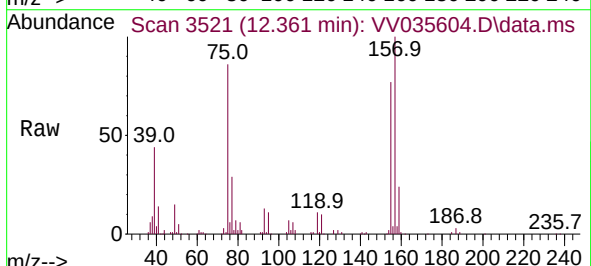


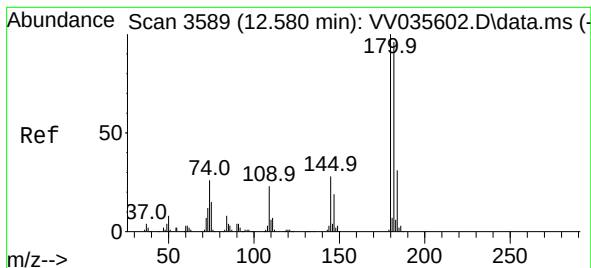
Tgt Ion:146 Resp: 873120
Ion Ratio Lower Upper
146 100
111 41.4 33.5 50.3
148 64.2 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 21.148 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion: 75 Resp: 60506
Ion Ratio Lower Upper
75 100
155 89.5 73.4 110.0
157 116.1 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 21.188 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 741318

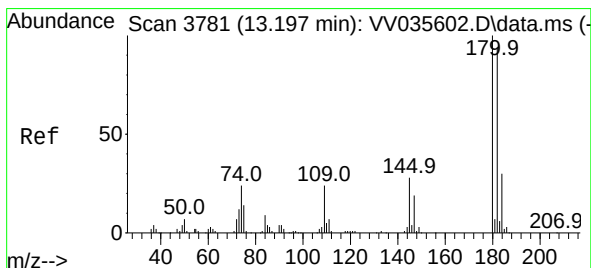
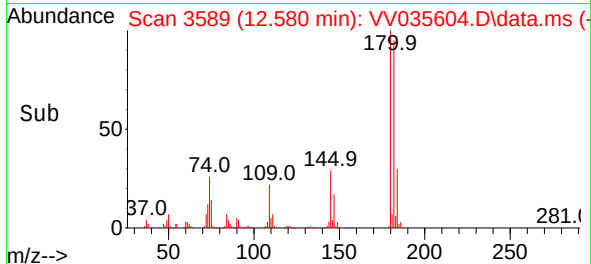
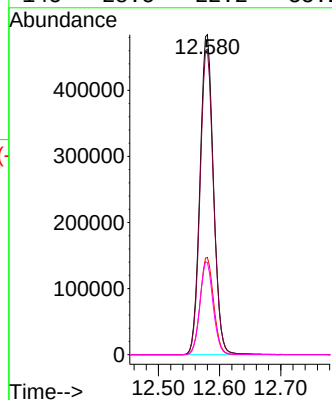
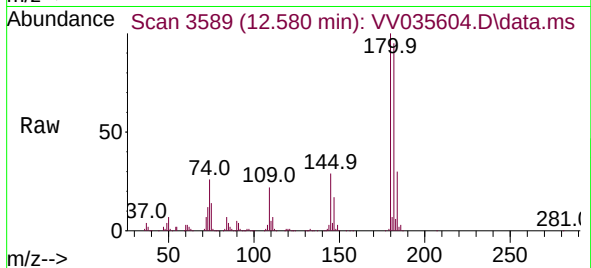
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

184 30.4 24.0 36.0

145 28.5 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 22.003 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035604.D

Acq: 14 May 2024 11:24

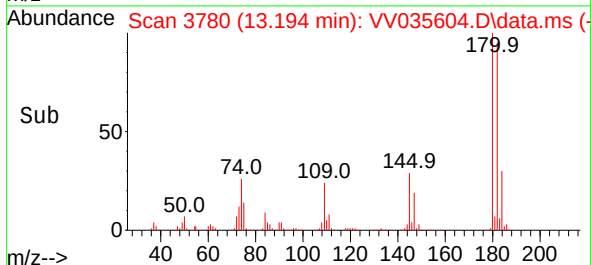
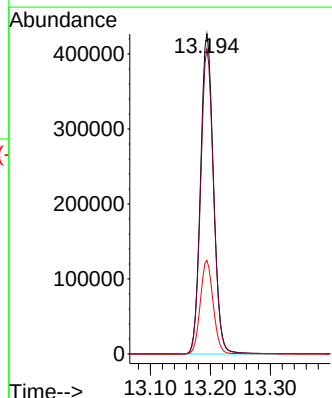
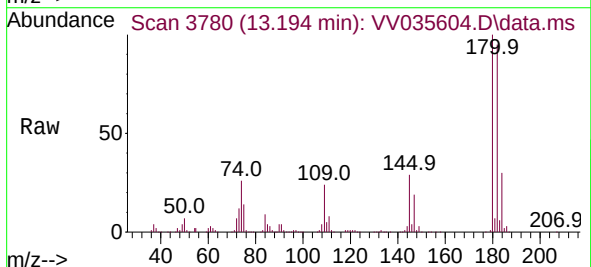
Tgt Ion:180 Resp: 641994

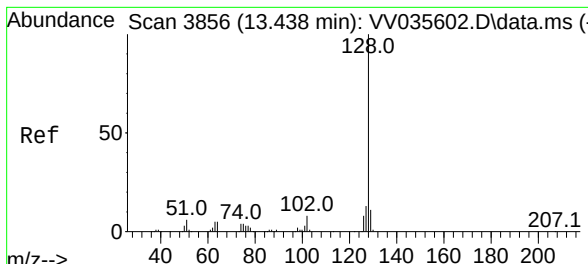
Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

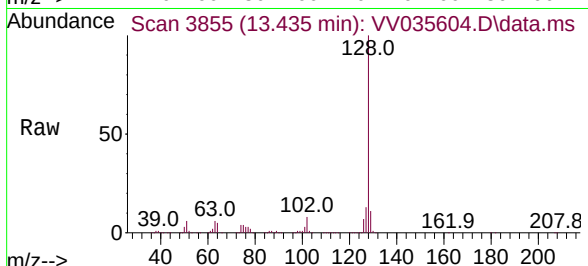
145 29.2 22.9 34.3



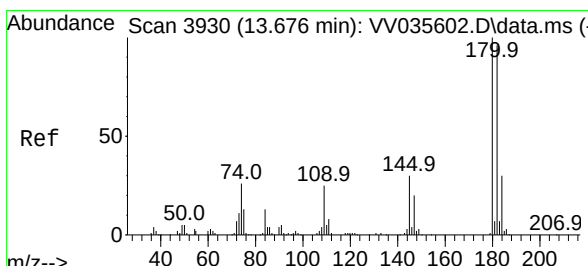
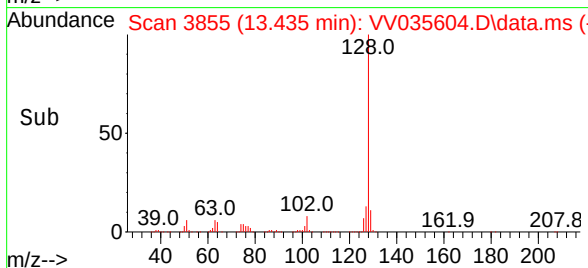
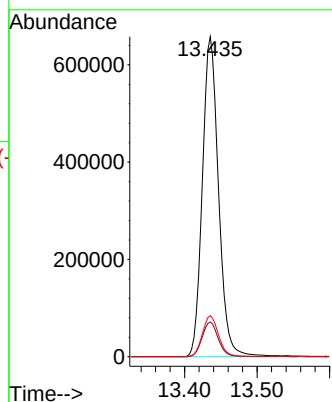


#71
Naphthalene
Concen: 24.109 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1018155
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 22.537 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035604.D
Acq: 14 May 2024 11:24

Tgt Ion:180 Resp: 587193
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 31.0 25.1 37.7

