

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035489.D
 Acq On : 01 May 2024 11:44
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	564522	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	561958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	321894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	871701	193.550	ug/L	0.00
7) Chloroethane-d5	1.529	69	542375	201.765	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	366186	196.817	ug/L	0.00
21) 2-Butanone-d5	3.793	46	1241496	501.018	ug/L	0.00
24) Chloroform-d	4.243	84	1591666	205.416	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	945751	209.382	ug/L	0.00
32) Benzene-d6	4.953	84	3209126	214.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	997523	214.321	ug/L	0.00
41) Toluene-d8	7.239	98	3014550	222.596	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	520874	238.225	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	1023541	664.778	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	1480409	219.639	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	1256497	216.454	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	749729	184.026	ug/L	100
3) Chloromethane	1.214	50	768774	184.093	ug/L	99
5) Vinyl chloride	1.281	62	848142	192.475	ug/L	99
6) Bromomethane	1.487	94	529040	201.328	ug/L	100
8) Chloroethane	1.545	64	364442	178.015	ug/L	99
9) Trichlorofluoromethane	1.703	101	1114760	187.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	716480	191.452	ug/L	99
12) 1,1-Dichloroethene	2.063	96	640253	192.338	ug/L	88
13) Acetone	2.130	43	943741	343.779	ug/L	100
14) Carbon disulfide	2.233	76	1672297	183.188	ug/L	99
15) Methyl Acetate	2.375	43	861197	201.363	ug/L	99
16) Methylene chloride	2.442	84	788036	186.799	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	699207	196.158	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	2574760	212.981	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1416685	191.217	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	859073	212.028	ug/L	99
22) 2-Butanone	3.873	43	1296071	418.143	ug/L	97
23) Bromochloromethane	4.140	128	442699	196.083	ug/L	99
25) Chloroform	4.268	83	1470005	191.717	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1081383	193.185	ug/L	100
29) Cyclohexane	4.577	56	1103424	216.828	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	1260866	197.438	ug/L	99
31) Carbon tetrachloride	4.728	117	1096668	196.571	ug/L	100
33) Benzene	5.005	78	2996267	199.110	ug/L	100
34) Trichloroethene	5.828	95	816489	201.594	ug/L	99
35) Methylcyclohexane	6.047	83	1253553	215.268	ug/L	99
37) 1,2-Dichloropropane	6.088	63	842630	200.999	ug/L	99
38) Bromodichloromethane	6.426	83	1142476	201.471	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1452707	230.496	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	2383887	465.927	ug/L	98
42) Toluene	7.310	91	3246037	206.681	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	1361383	227.194	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035489.D
 Acq On : 01 May 2024 11:44
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

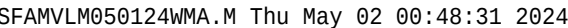
Instrument :
 MSVOA_V
 ClientSampleId :

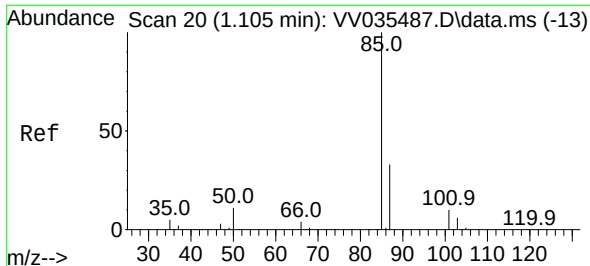
Quant Time: May 02 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	874824	198.487	ug/L	99
46) Tetrachloroethene	7.902	164	645562	202.816	ug/L	100
48) 2-Hexanone	8.079	43	1837229	425.189	ug/L	98
49) Dibromochloromethane	8.175	129	949923	210.421	ug/L	100
50) 1,2-Dibromoethane	8.278	107	937625	208.995	ug/L	100
51) Chlorobenzene	8.808	112	2218754	200.545	ug/L	100
52) Ethylbenzene	8.944	91	3708788	216.523	ug/L	99
53) m,p-Xylene	9.069	106	1417740	219.185	ug/L	96
54) o-Xylene	9.474	106	1427640	224.449	ug/L	99
55) Styrene	9.493	104	2511866	229.170	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	1475954	203.787	ug/L	99
59) Bromoform	9.664	173	835847	212.923	ug/L	99
60) Isopropylbenzene	9.863	105	3833055	206.810	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	1155176	188.059	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	3260055	219.235	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	3314503	227.231	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1922389	201.387	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	1940309	193.316	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1918953	195.852	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	341072	232.114	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	1486867	216.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1333497	239.912	ug/L	100
71) Naphthalene	13.435	128	3762534	292.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	1307459	238.873	ug/L	100

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

Quant Time: May 02 00:48:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 00:45:24 2024
Response via : Initial Calibration

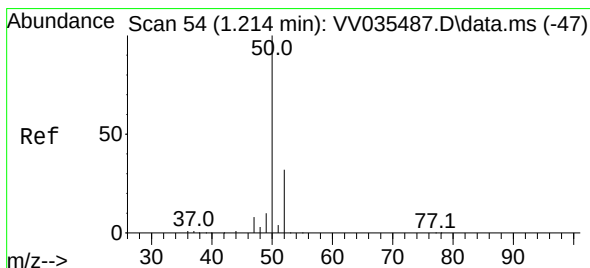
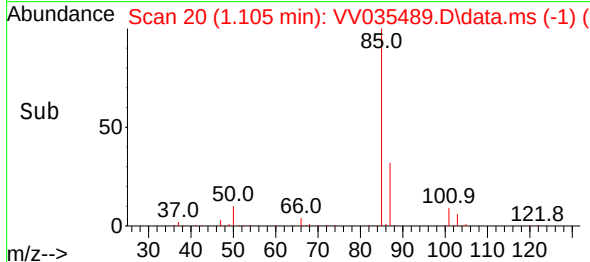
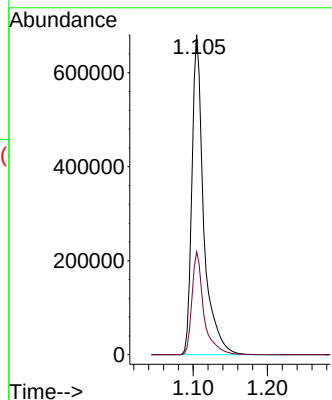
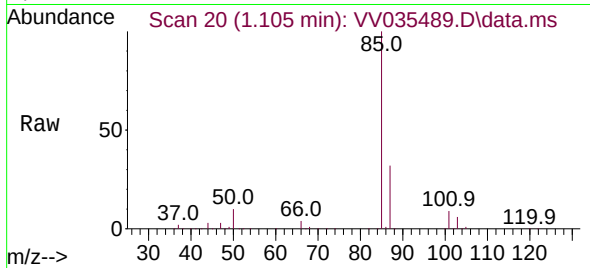




#2
 Dichlorodifluoromethane
 Concen: 184.026 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV035489.D
 Acq: 01 May 2024 11:44

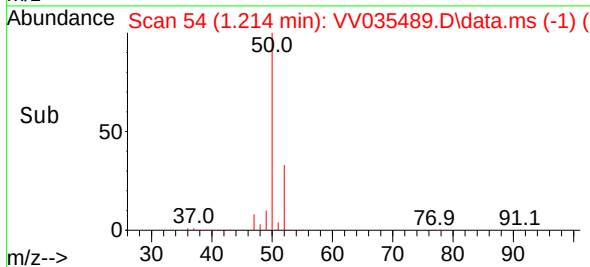
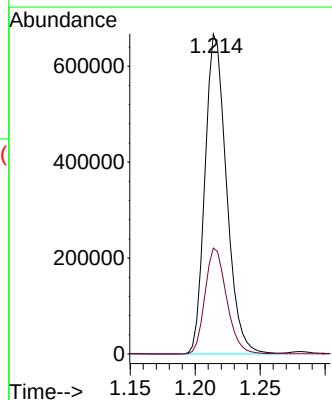
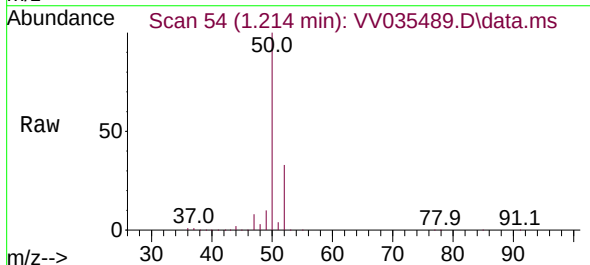
Instrument :
 MSVOA_V
 ClientSampleId :

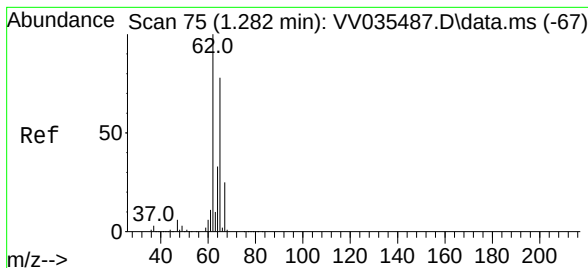
Tgt Ion: 85 Resp: 749729
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 184.093 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035489.D
 Acq: 01 May 2024 11:44

Tgt Ion: 50 Resp: 768774
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 192.475 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

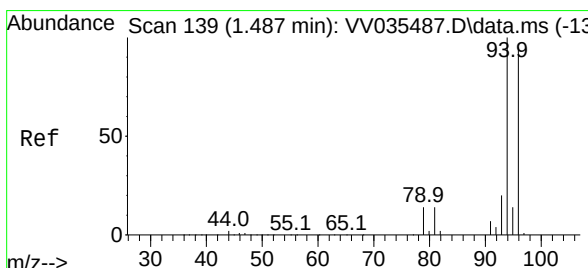
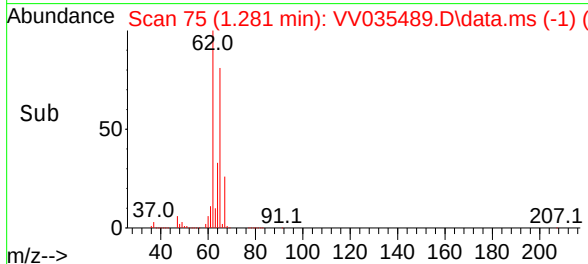
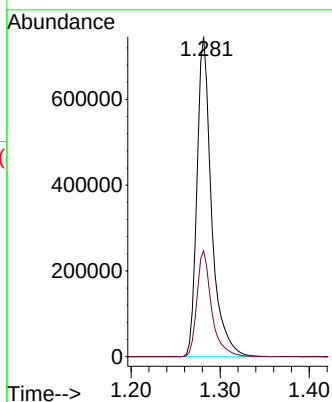
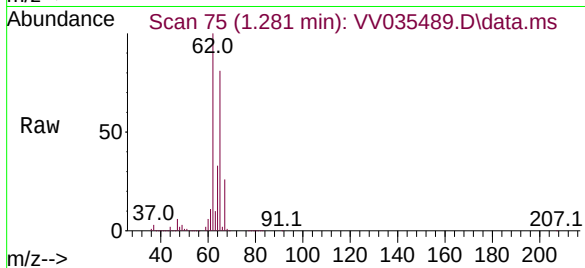
ClientSampleId :

Tgt Ion: 62 Resp: 848142

Ion Ratio Lower Upper

62 100

64 33.1 22.9 42.5



#6

Bromomethane

Concen: 201.328 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV035489.D

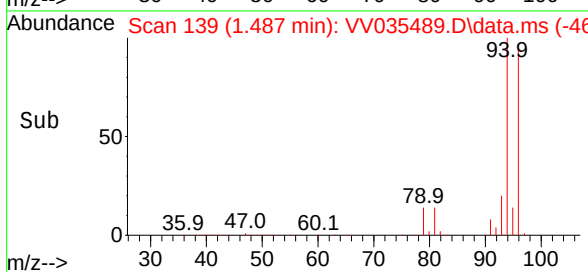
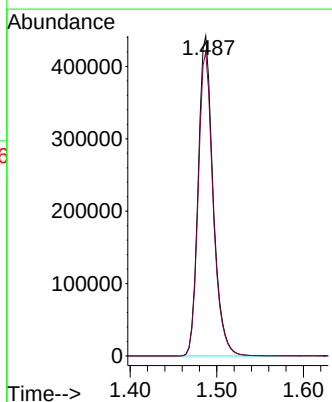
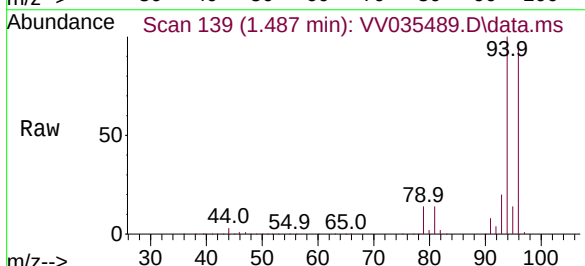
Acq: 01 May 2024 11:44

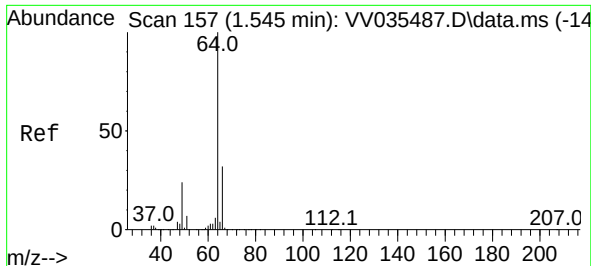
Tgt Ion: 94 Resp: 529040

Ion Ratio Lower Upper

94 100

96 95.0 66.2 123.0

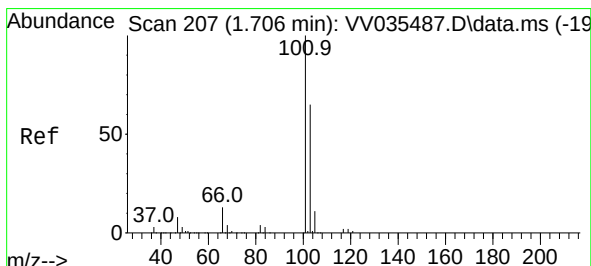
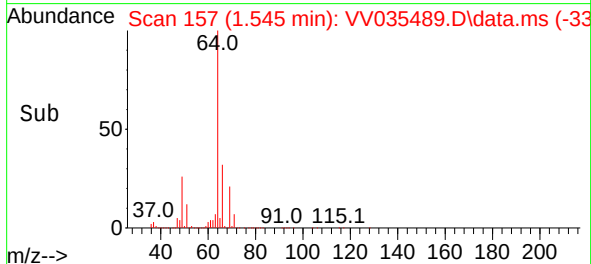
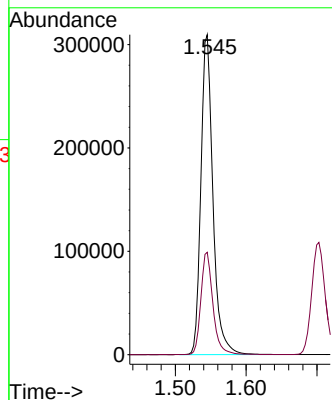
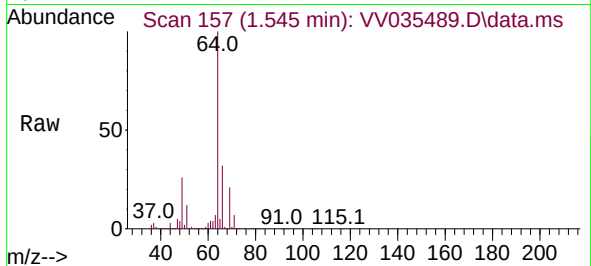




#8
Chloroethane
Concen: 178.015 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

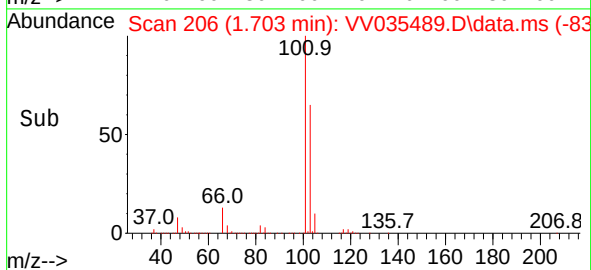
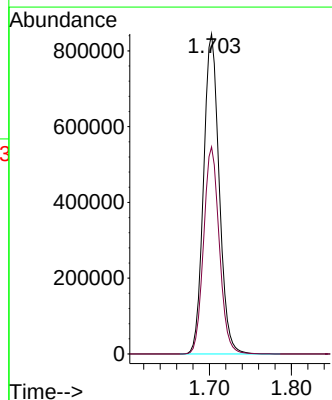
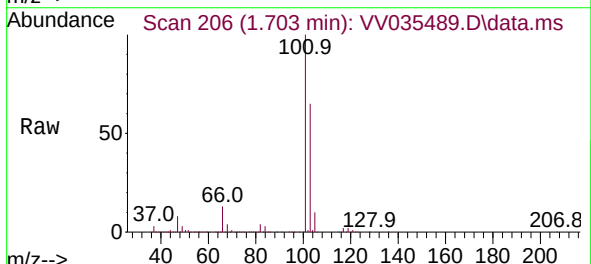
Instrument :
MSVOA_V
ClientSampleId :

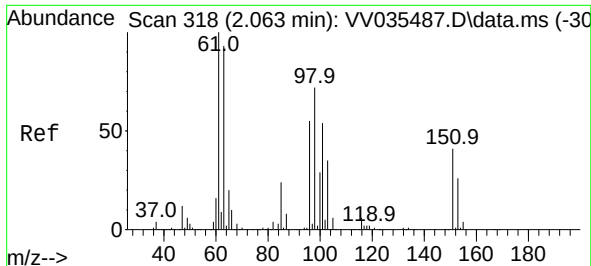
Tgt Ion: 64 Resp: 364442
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 187.129 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:101 Resp: 1114760
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0





#10

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

Concen: 191.452 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

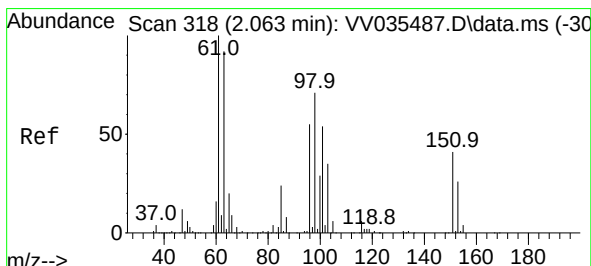
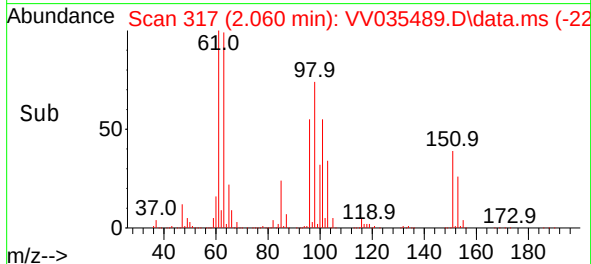
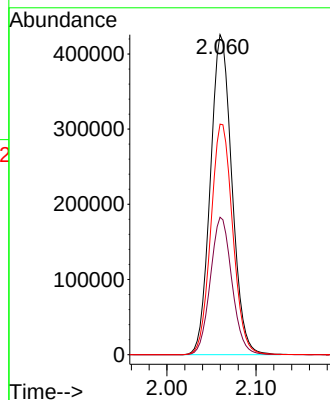
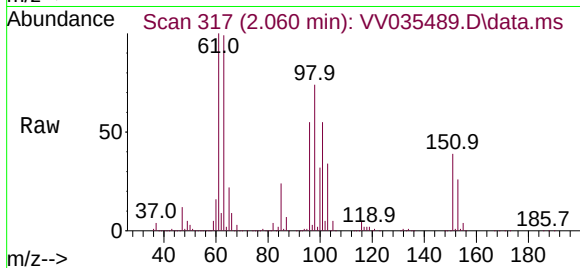
Tgt Ion:101 Resp: 716480

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

151 73.3 60.1 90.1



#12

1,1-Dichloroethene

Concen: 192.338 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

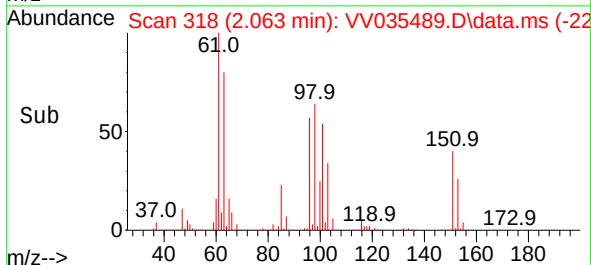
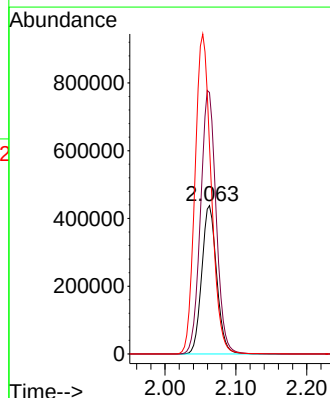
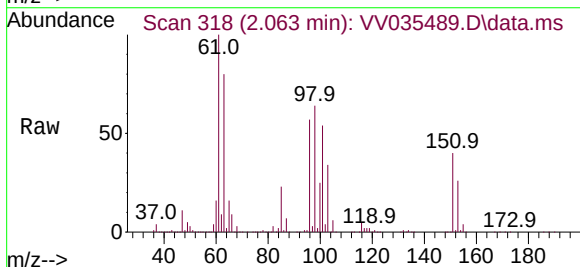
Tgt Ion: 96 Resp: 640253

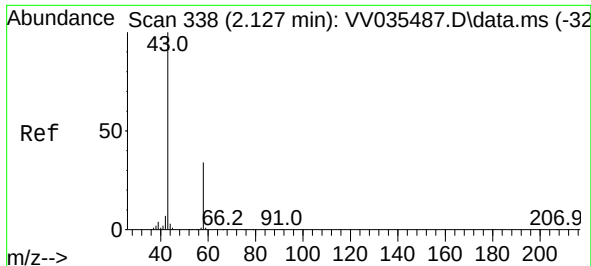
Ion Ratio Lower Upper

96 100

61 176.3 126.5 234.9

63 140.8 118.1 219.3





#13

Acetone

Concen: 343.779 ug/L

RT: 2.130 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

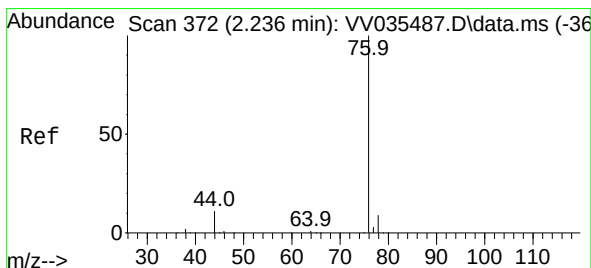
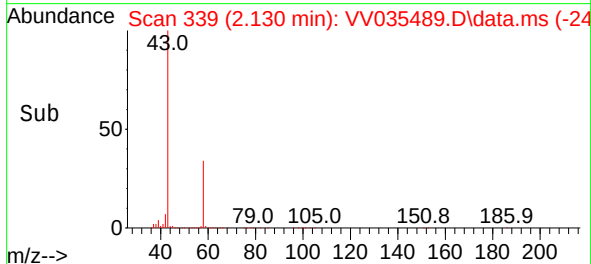
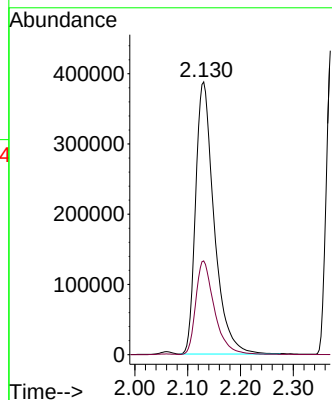
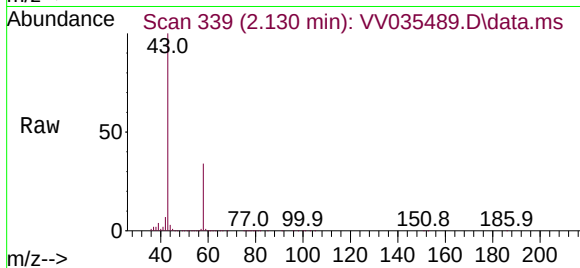
ClientSampleId :

Tgt Ion: 43 Resp: 943741

Ion Ratio Lower Upper

43 100

58 34.6 0.0 68.8



#14

Carbon disulfide

Concen: 183.188 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035489.D

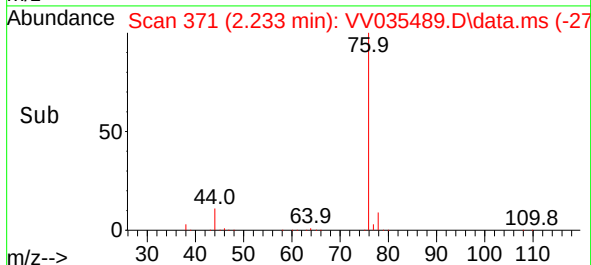
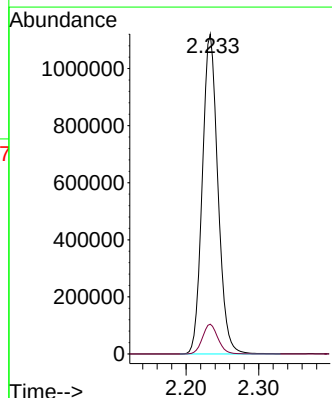
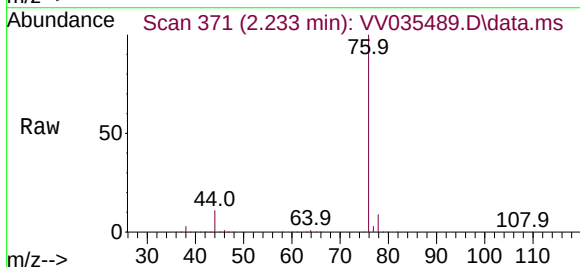
Acq: 01 May 2024 11:44

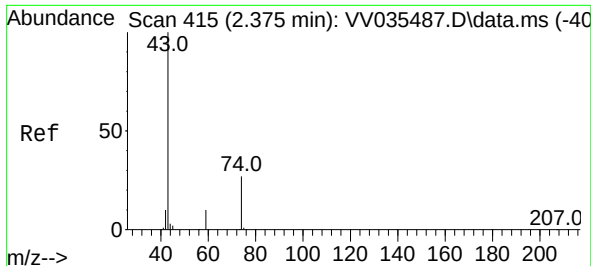
Tgt Ion: 76 Resp: 1672297

Ion Ratio Lower Upper

76 100

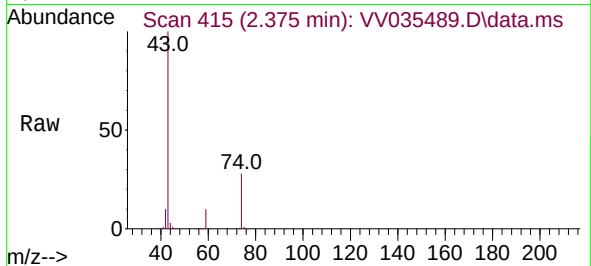
78 9.3 7.6 11.4



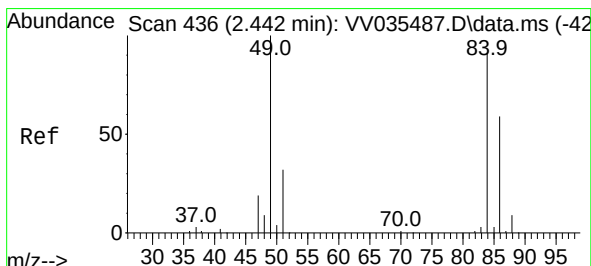
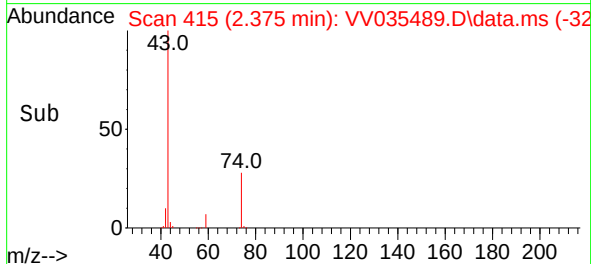
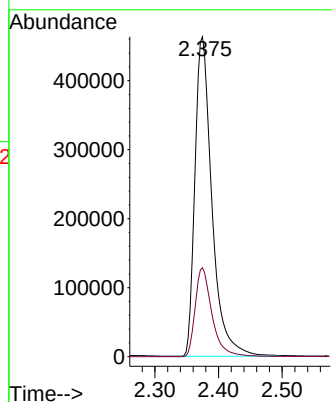


#15
Methyl Acetate
Concen: 201.363 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :

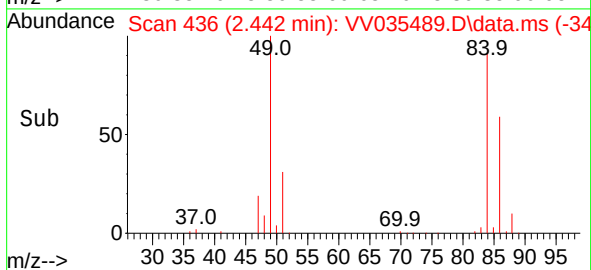
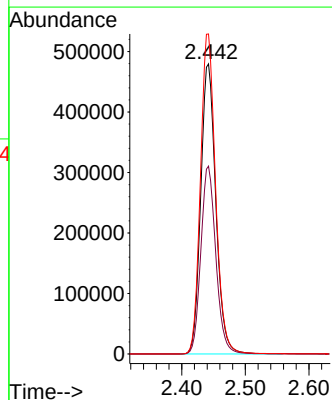
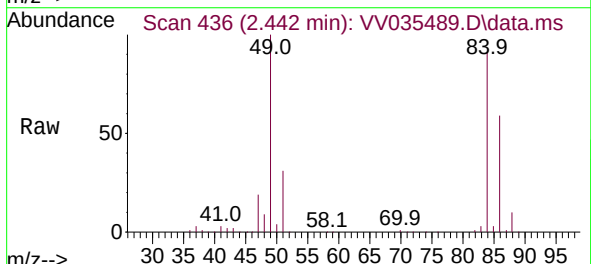


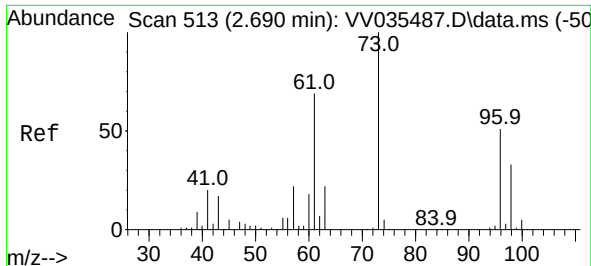
Tgt Ion: 43 Resp: 861197
Ion Ratio Lower Upper
43 100
74 27.6 21.6 32.4



#16
Methylene chloride
Concen: 186.799 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion: 84 Resp: 788036
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 110.3 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 196.158 ug/L

RT: 2.687 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

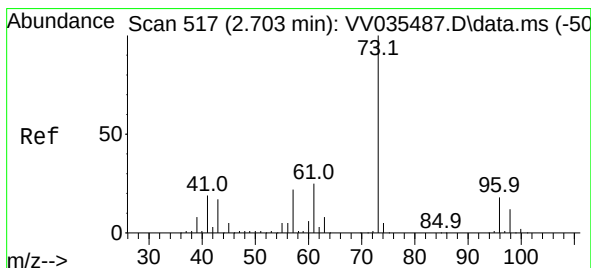
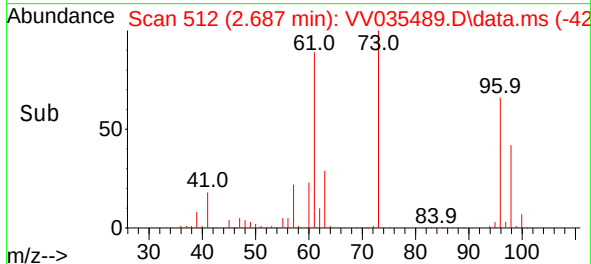
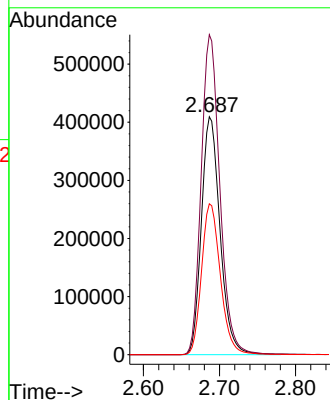
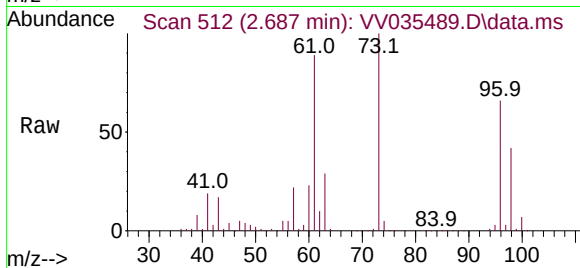
Tgt Ion: 96 Resp: 699207

Ion Ratio Lower Upper

96 100

61 134.5 95.5 177.3

98 63.4 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 212.981 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

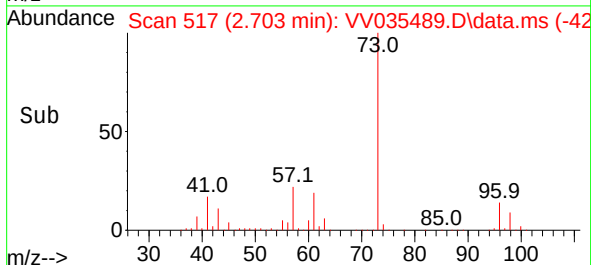
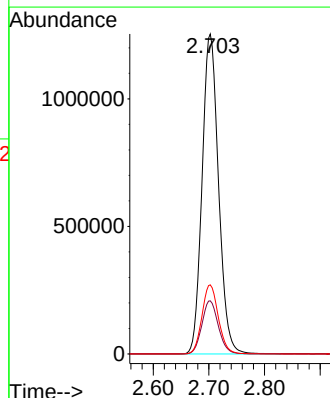
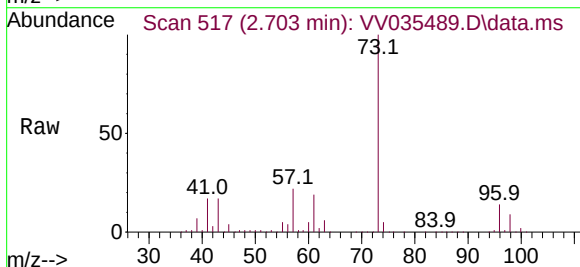
Tgt Ion: 73 Resp: 2574760

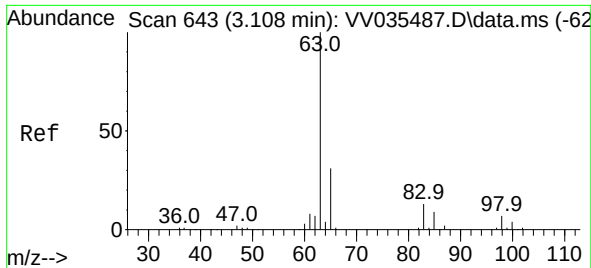
Ion Ratio Lower Upper

73 100

43 16.6 13.6 20.4

57 21.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 191.217 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

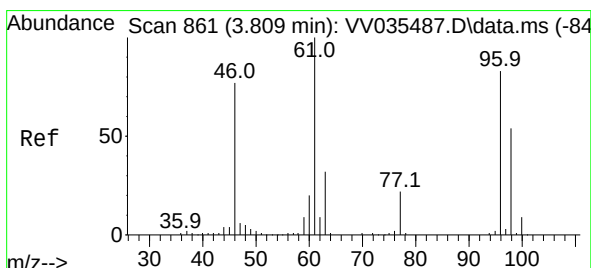
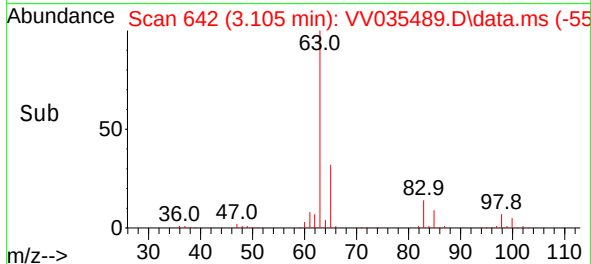
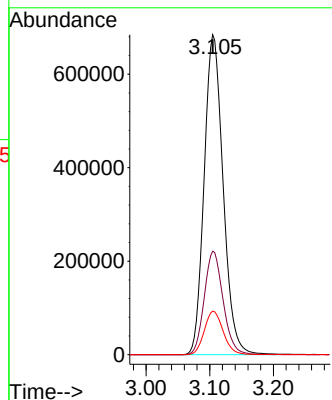
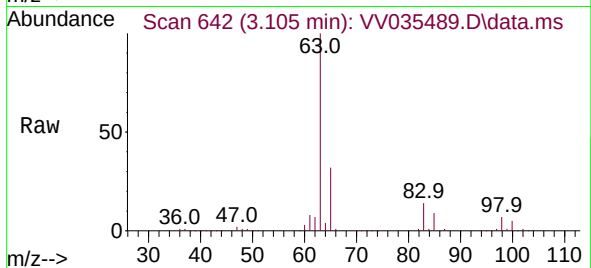
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1416685

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.8	40.4
83	13.6	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 212.028 ug/L

RT: 3.805 min Scan# 860

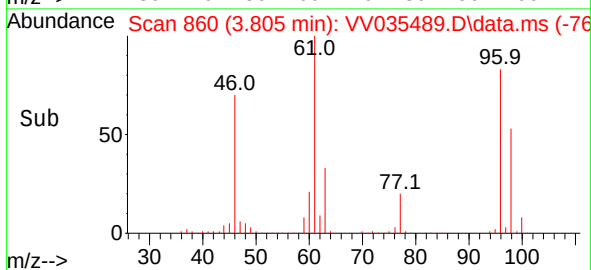
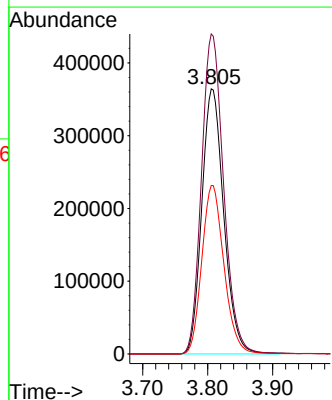
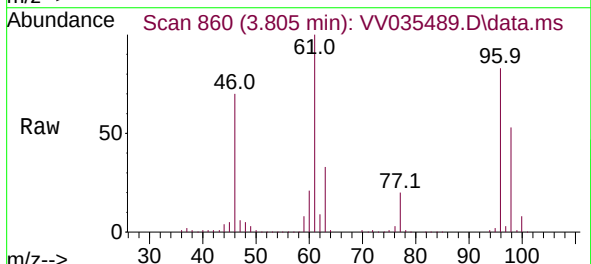
Delta R.T. -0.003 min

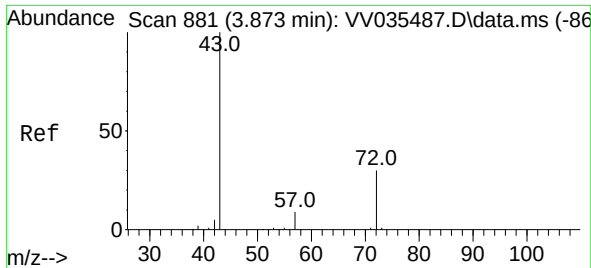
Lab File: VV035489.D

Acq: 01 May 2024 11:44

Tgt Ion: 96 Resp: 859073

Ion	Ratio	Lower	Upper
96	100		
61	120.7	84.0	156.0
98	63.6	44.9	83.5

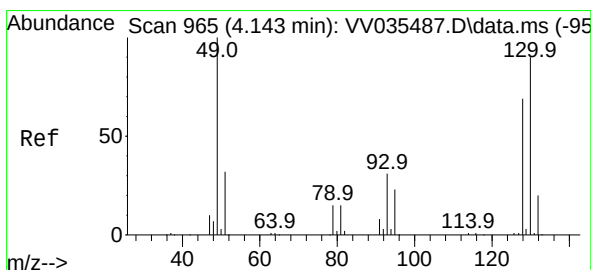
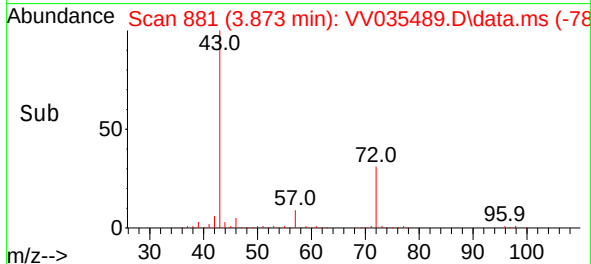
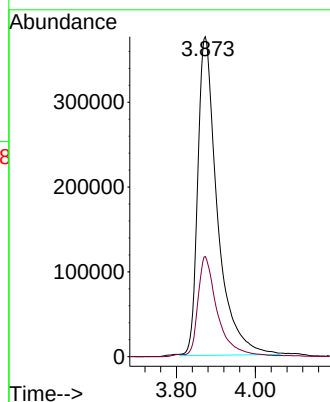
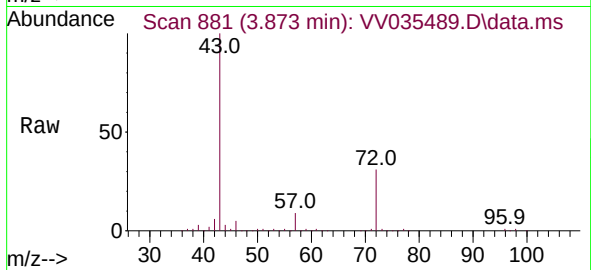




#22
2-Butanone
Concen: 418.143 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

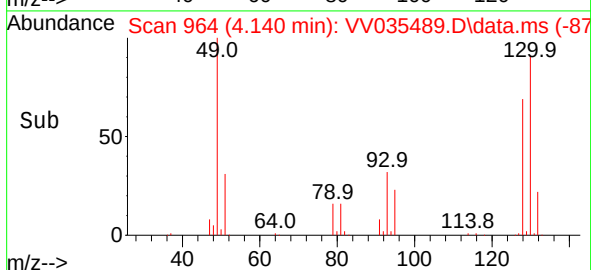
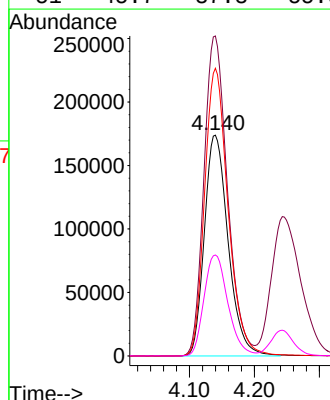
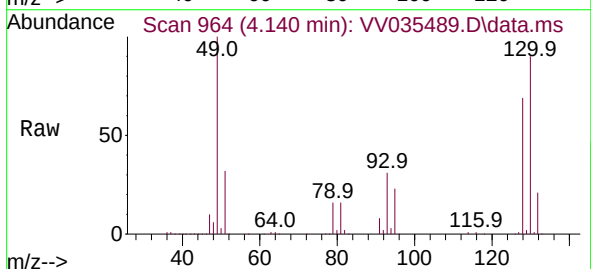
Instrument :
MSVOA_V
ClientSampleId :

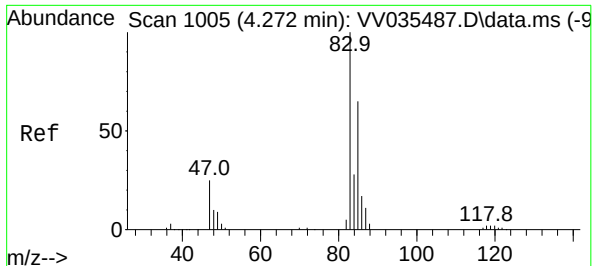
Tgt Ion: 43 Resp: 1296071
Ion Ratio Lower Upper
43 100
72 30.3 14.4 43.0



#23
Bromochloromethane
Concen: 196.083 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:128 Resp: 442699
Ion Ratio Lower Upper
128 100
49 144.9 102.0 189.4
130 130.3 91.5 169.9
51 45.7 37.3 55.9





#25

Chloroform

Concen: 191.717 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

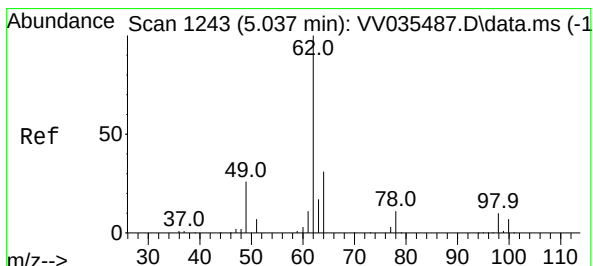
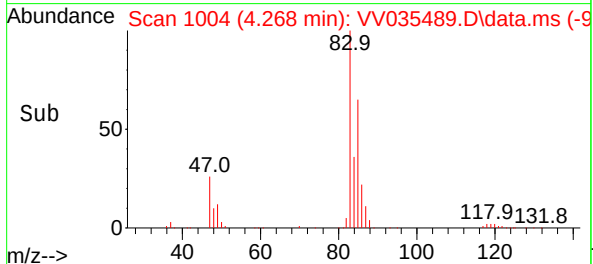
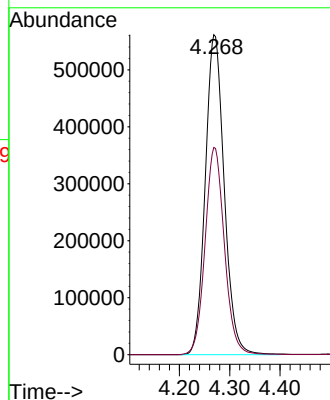
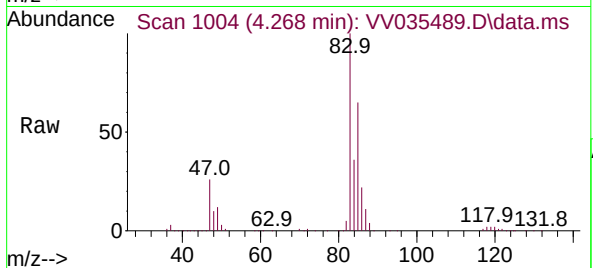
ClientSampleId :

Tgt Ion: 83 Resp: 1470005

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 193.185 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035489.D

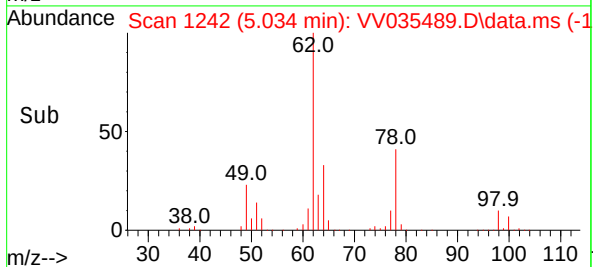
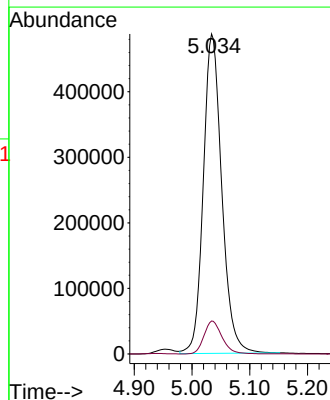
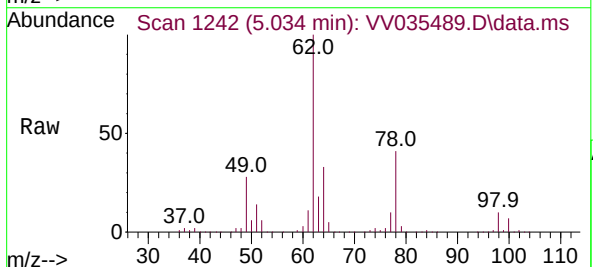
Acq: 01 May 2024 11:44

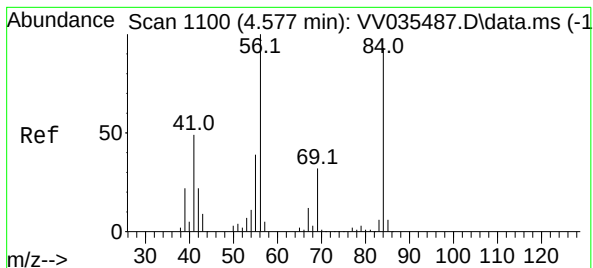
Tgt Ion: 62 Resp: 1081383

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 216.828 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

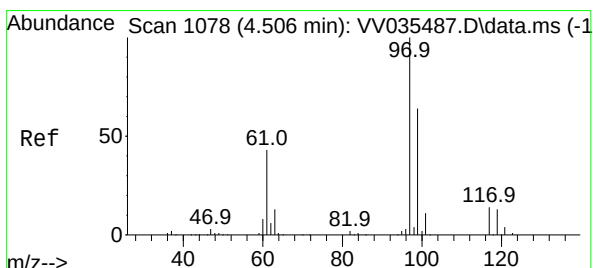
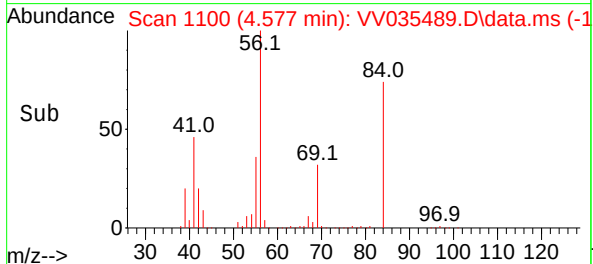
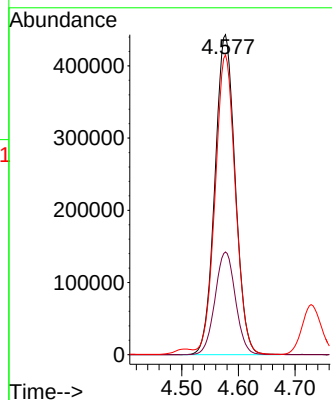
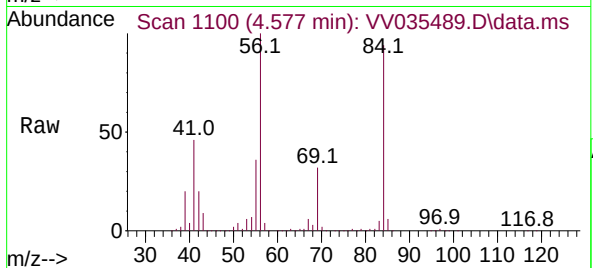
Tgt Ion: 56 Resp: 1103424

Ion Ratio Lower Upper

56 100

69 32.3 25.5 38.3

84 93.4 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 197.438 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

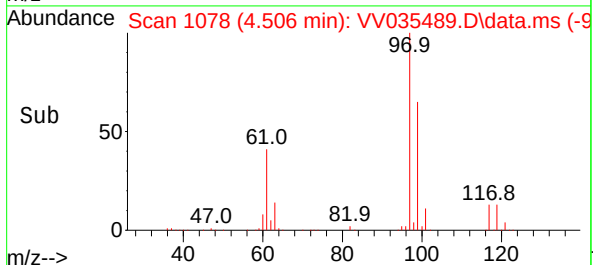
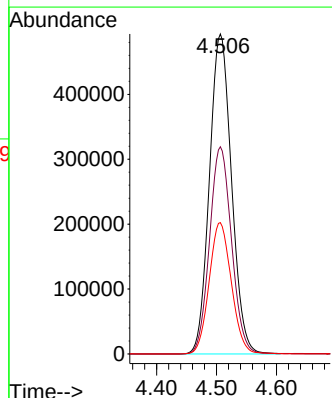
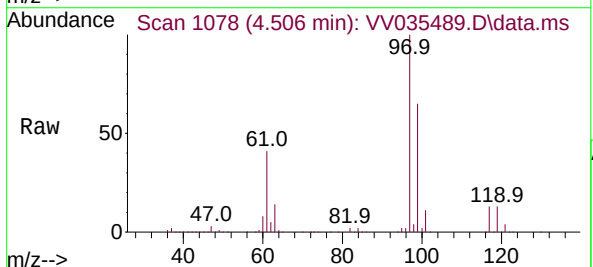
Tgt Ion: 97 Resp: 1260866

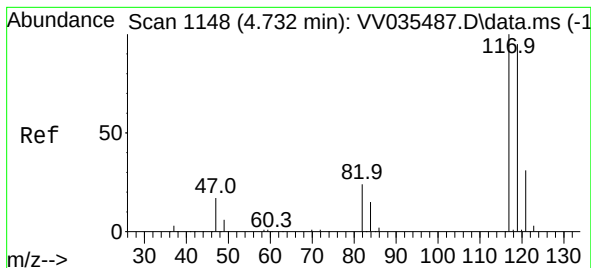
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 41.3 34.1 51.1





#31

Carbon tetrachloride

Concen: 196.571 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

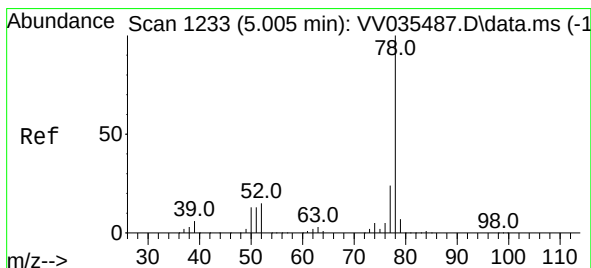
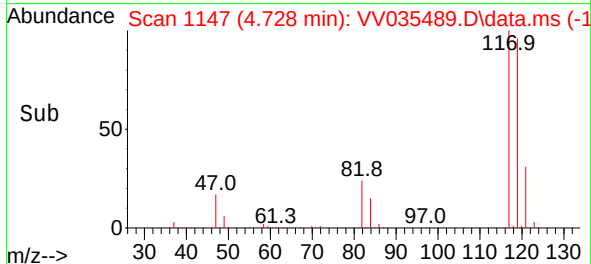
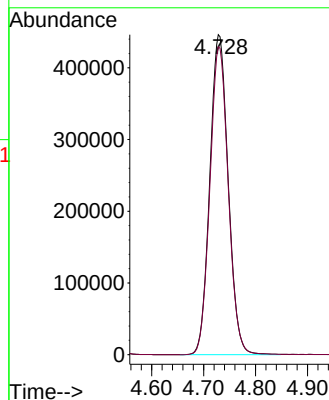
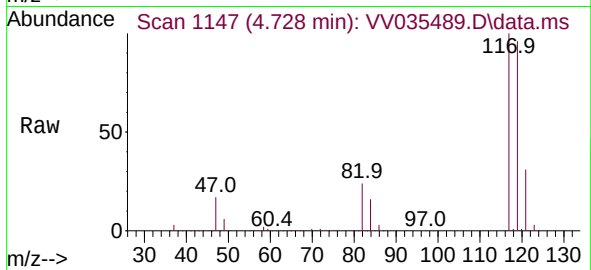
ClientSampleId :

Tgt Ion:117 Resp: 1096668

Ion Ratio Lower Upper

117 100

119 96.0 76.5 114.7



#33

Benzene

Concen: 199.110 ug/L

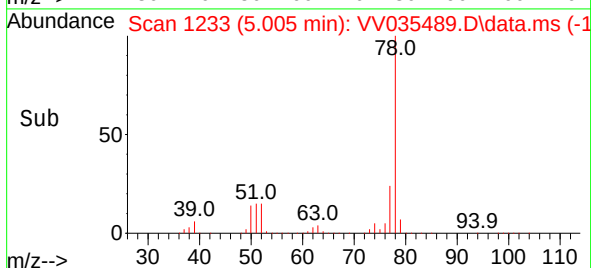
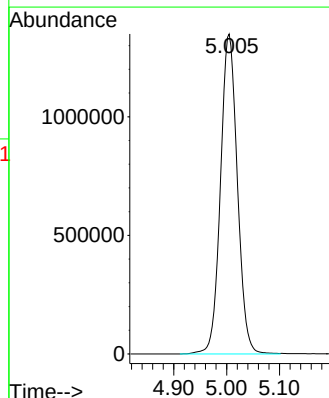
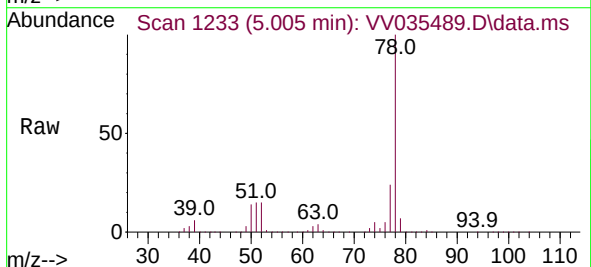
RT: 5.005 min Scan# 1233

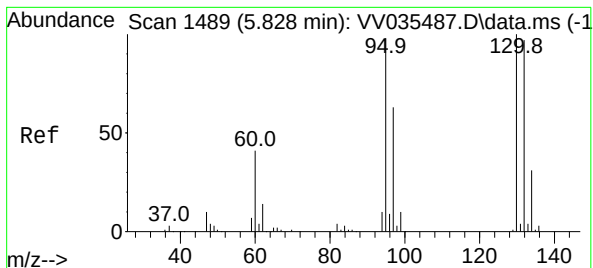
Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Tgt Ion: 78 Resp: 2996267





#34

Trichloroethene

Concen: 201.594 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

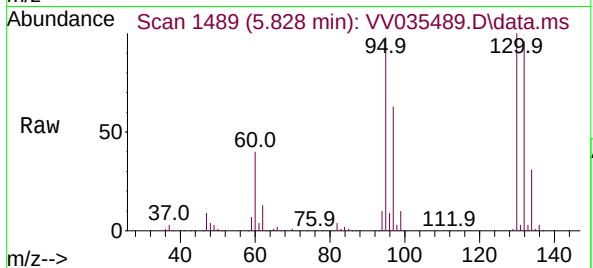
Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 816489

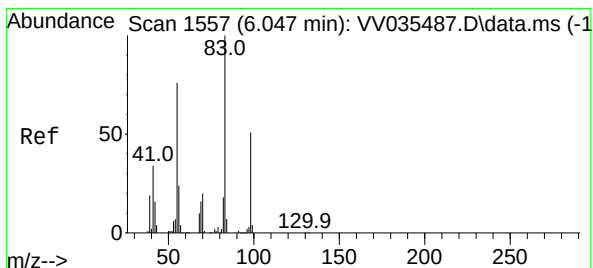
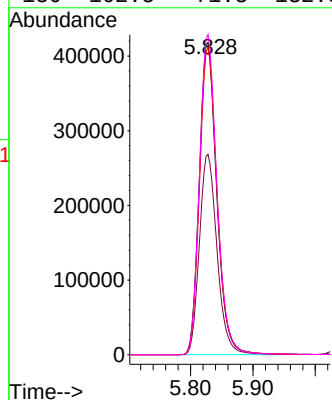
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.9

132 98.5 69.4 128.8

130 102.5 71.3 132.3



#35

Methylcyclohexane

Concen: 215.268 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

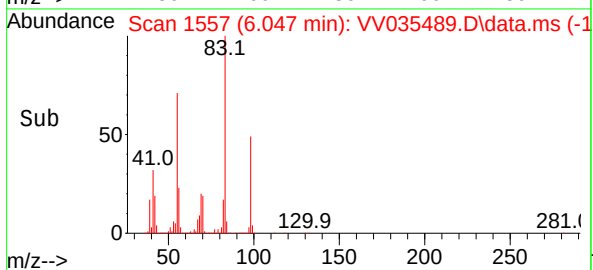
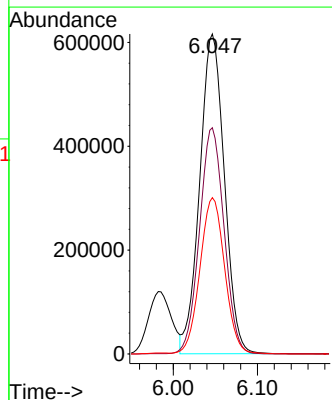
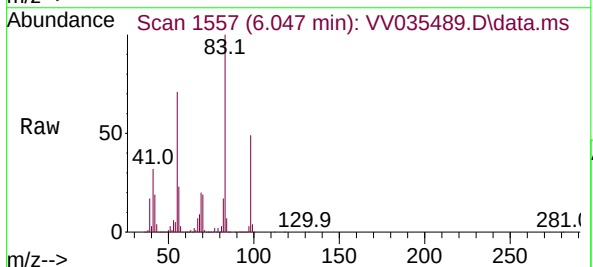
Tgt Ion: 83 Resp: 1253553

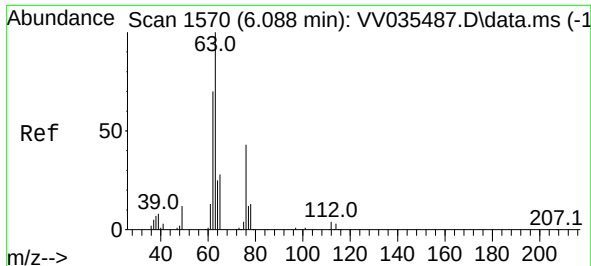
Ion Ratio Lower Upper

83 100

55 70.5 57.5 86.3

98 49.2 38.9 58.3

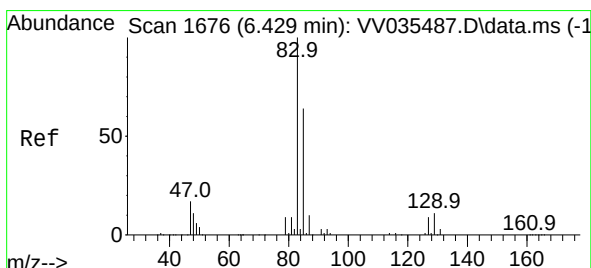
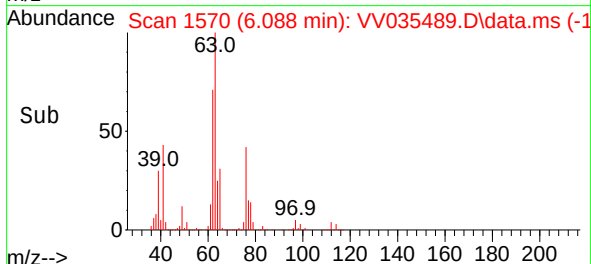
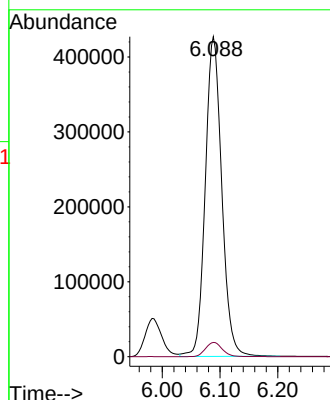
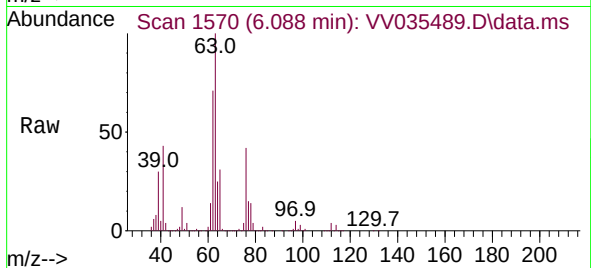




#37
1,2-Dichloropropane
Concen: 200.999 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

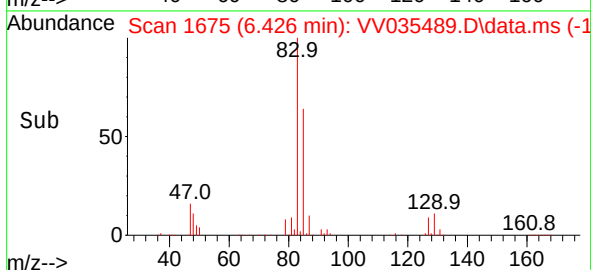
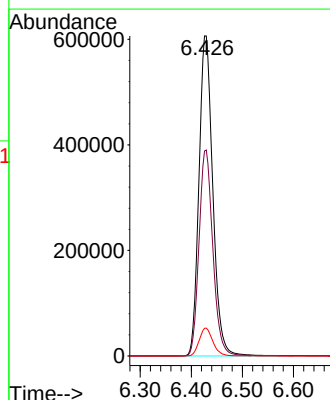
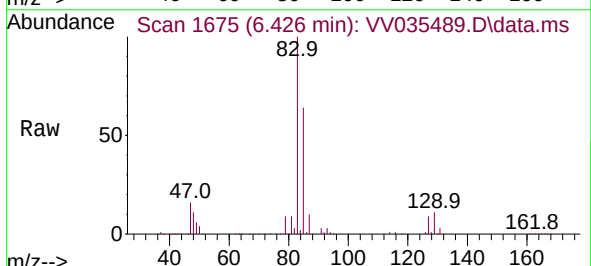
Instrument :
MSVOA_V
ClientSampleId :

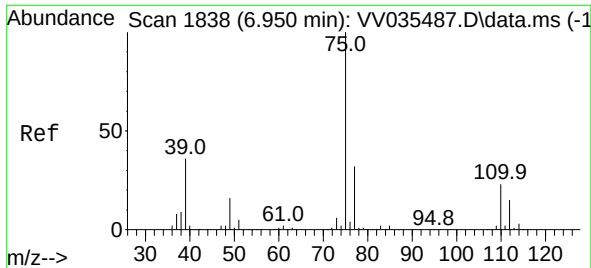
Tgt Ion: 63 Resp: 842630
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 201.471 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion: 83 Resp: 1142476
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
127 8.7 6.9 10.3

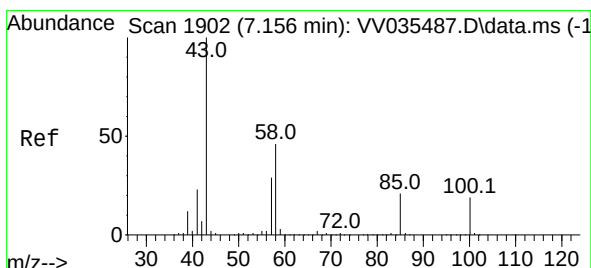
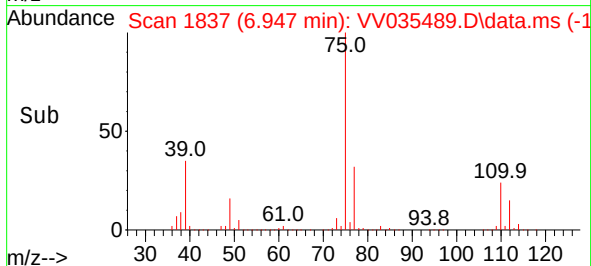
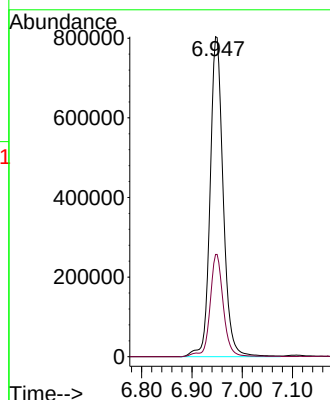
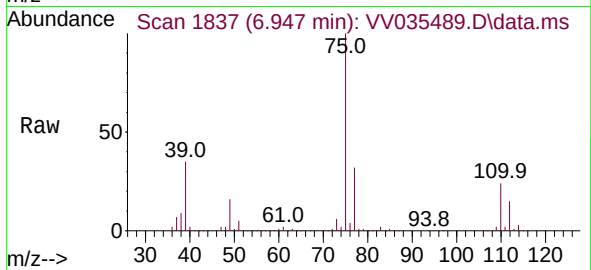




#39
cis-1,3-Dichloropropene
Concen: 230.496 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

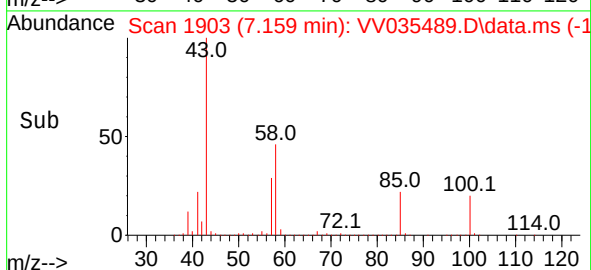
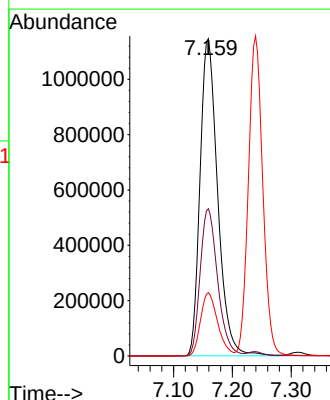
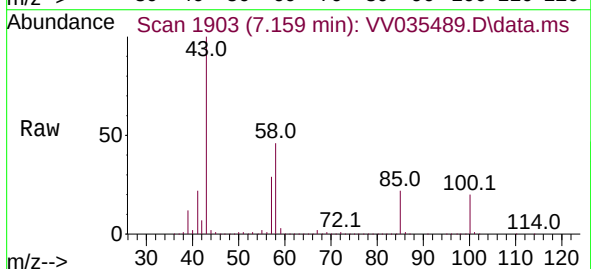
Instrument :
MSVOA_V
ClientSampleId :

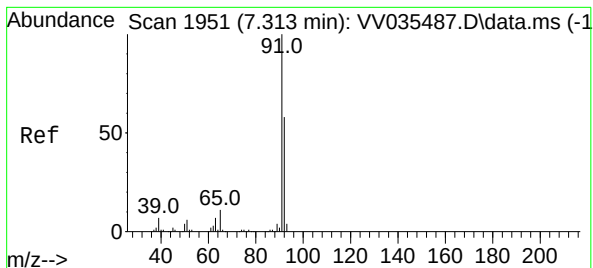
Tgt Ion: 75 Resp: 1452707
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 465.927 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion: 43 Resp: 2383887
Ion Ratio Lower Upper
43 100
58 46.0 36.1 54.1
100 19.5 15.0 22.4





#42

Toluene

Concen: 206.681 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

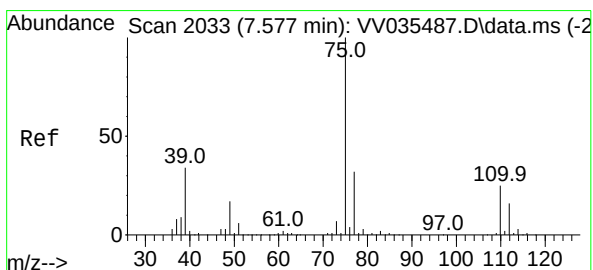
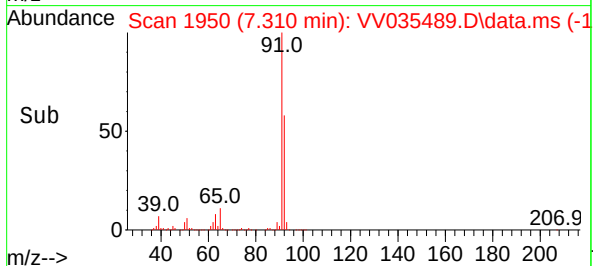
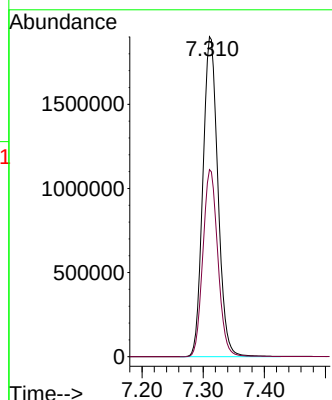
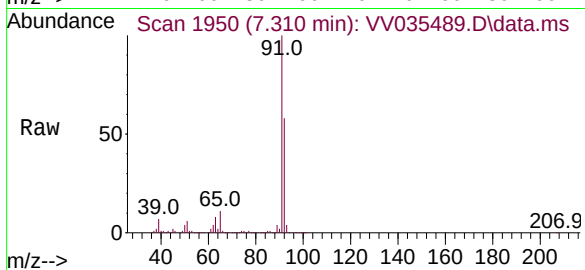
ClientSampleId :

Tgt Ion: 91 Resp: 3246037

Ion Ratio Lower Upper

91 100

92 58.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 227.194 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035489.D

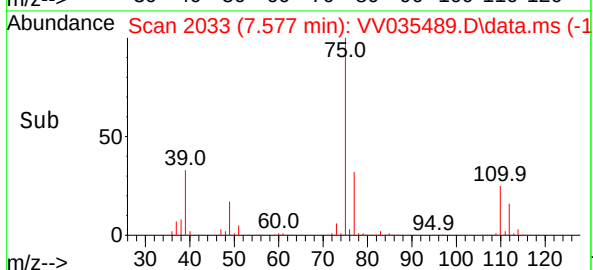
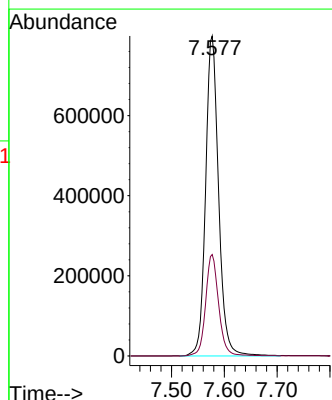
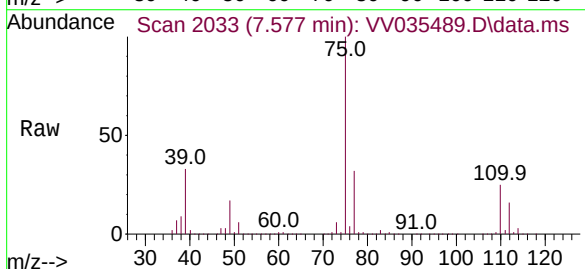
Acq: 01 May 2024 11:44

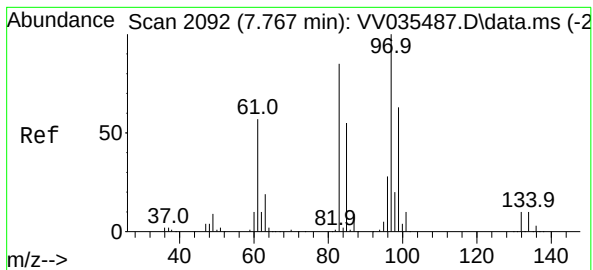
Tgt Ion: 75 Resp: 1361383

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 198.487 ug/L

RT: 7.763 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 874824

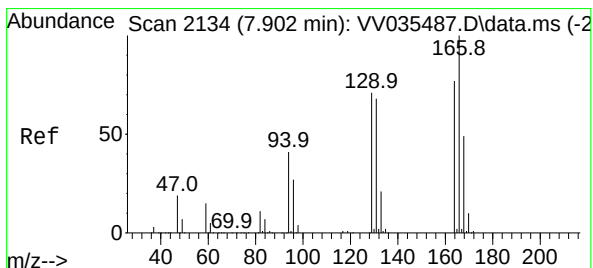
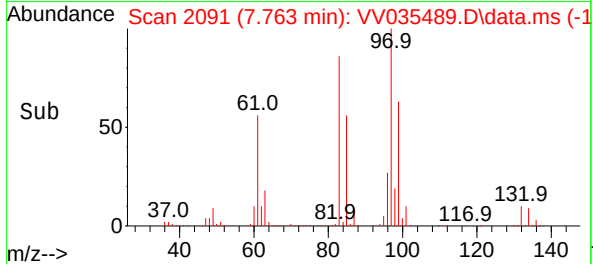
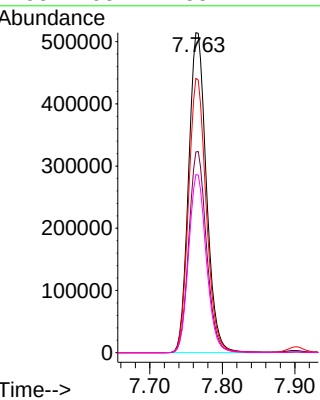
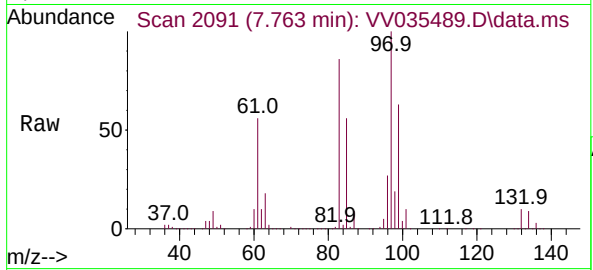
Ion Ratio Lower Upper

97 100

99 62.8 44.2 82.2

83 85.7 59.3 110.1

85 55.7 38.4 71.2



#46

Tetrachloroethene

Concen: 202.816 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Tgt Ion: 164 Resp: 645562

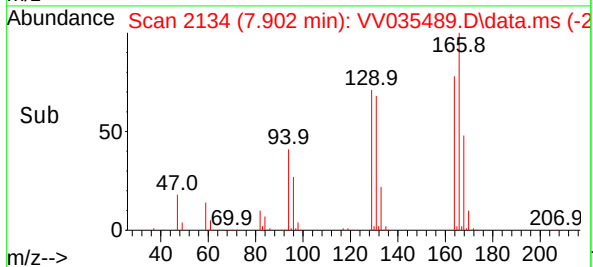
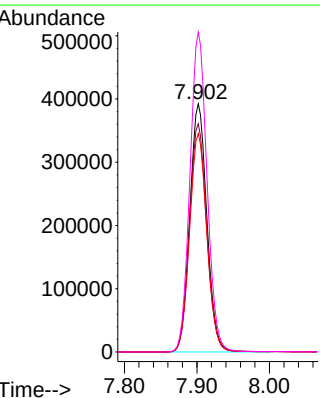
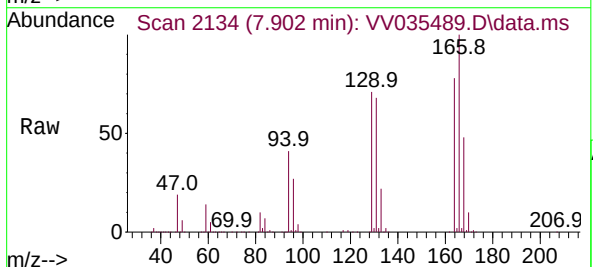
Ion Ratio Lower Upper

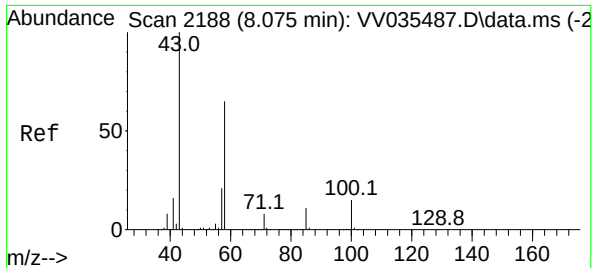
164 100

129 91.9 64.7 120.1

131 88.0 61.5 114.1

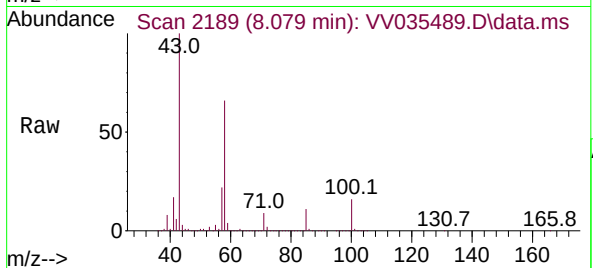
166 128.9 90.6 168.3





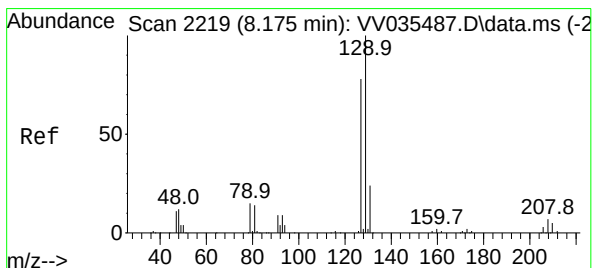
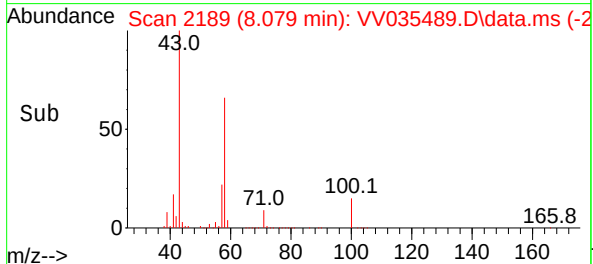
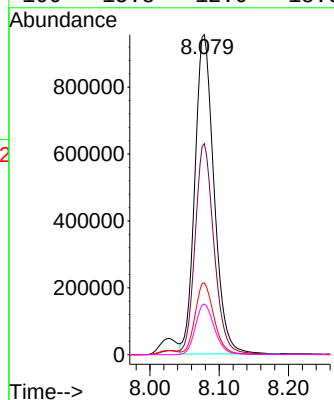
#48
2-Hexanone
Concen: 425.189 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1837229

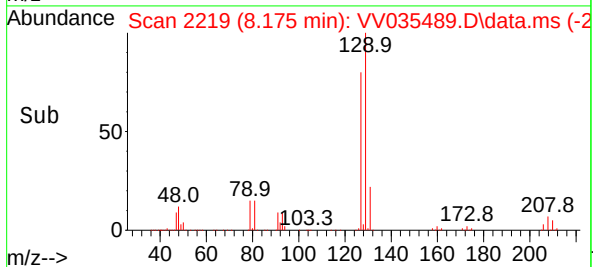
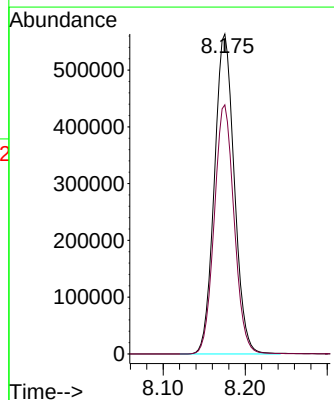
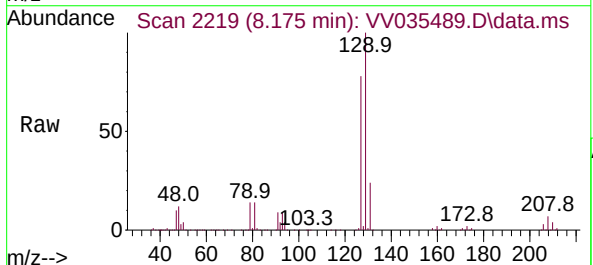
Ion	Ratio	Lower	Upper
43	100		
58	65.2	50.8	76.2
57	22.3	17.6	26.4
100	15.8	12.0	18.0

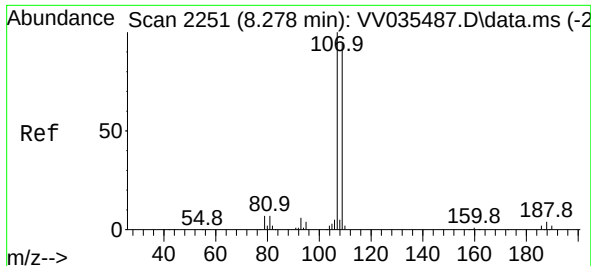


#49
Dibromochloromethane
Concen: 210.421 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:129 Resp: 949923

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.3	100.8

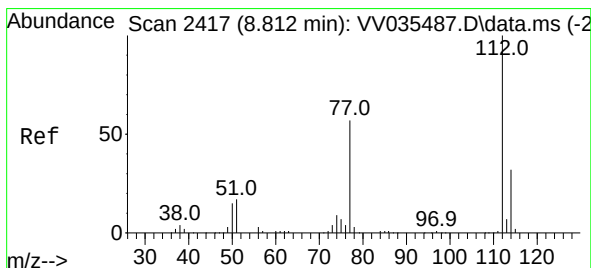
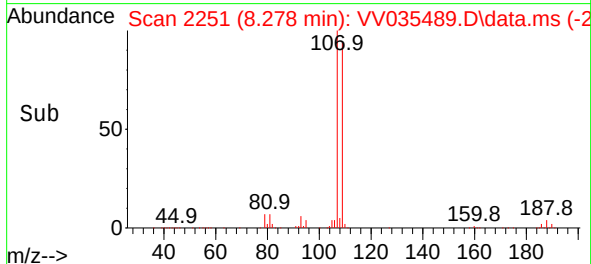
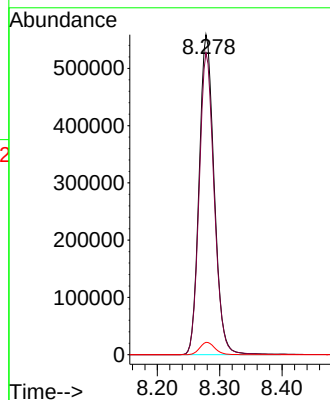
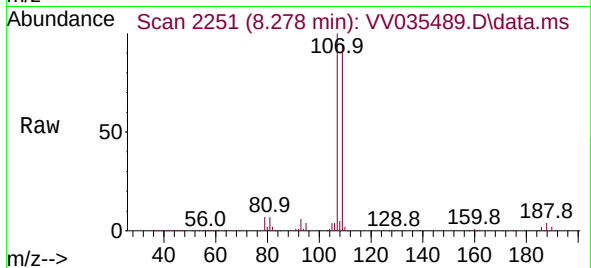




#50
1,2-Dibromoethane
Concen: 208.995 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

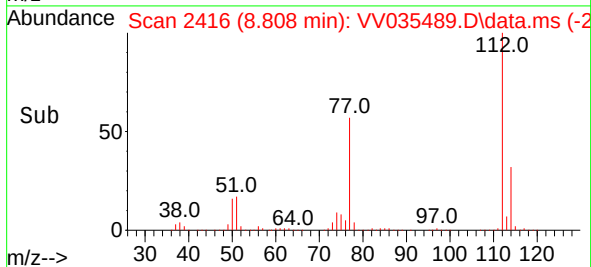
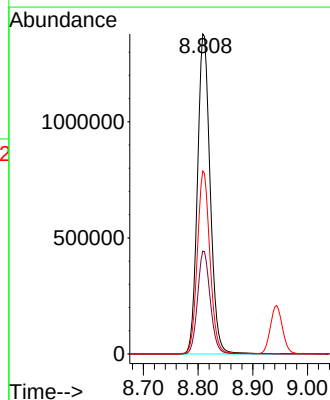
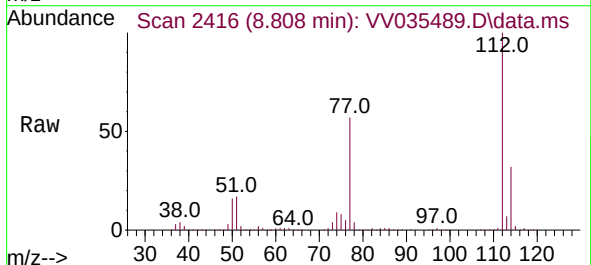
Instrument :
MSVOA_V
ClientSampleId :

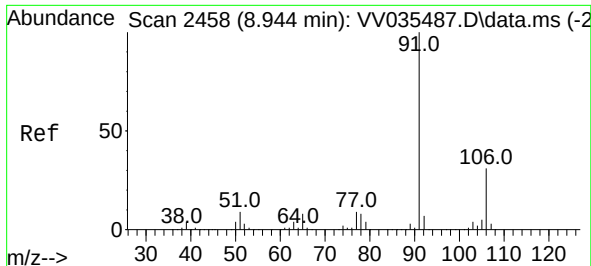
Tgt Ion:107 Resp: 937625
Ion Ratio Lower Upper
107 100
109 94.3 65.7 122.1
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 200.545 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:112 Resp: 2218754
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 57.2 45.9 68.9

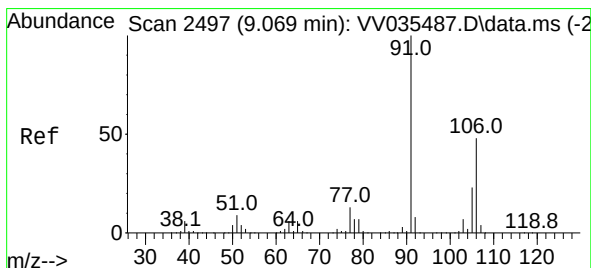
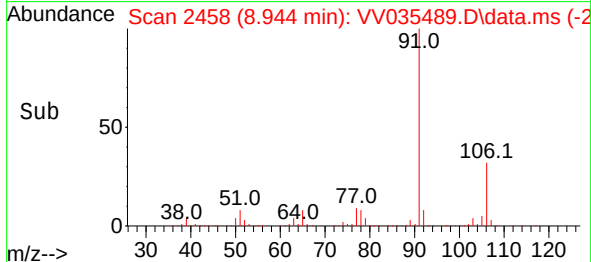
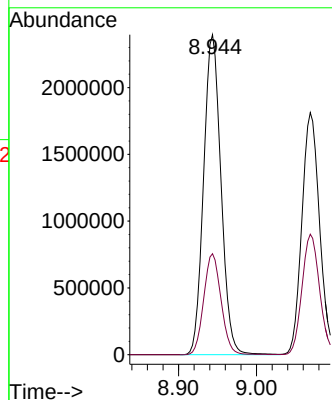
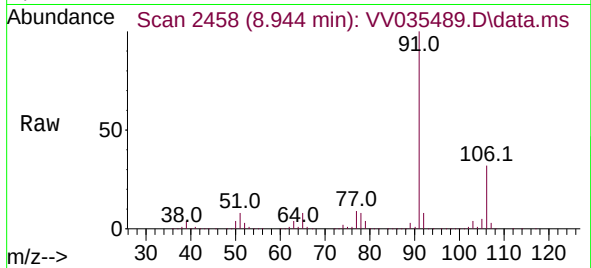




#52
Ethylbenzene
Concen: 216.523 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

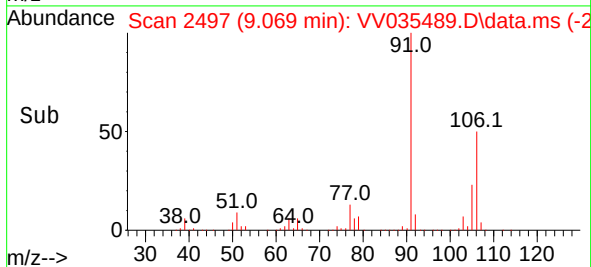
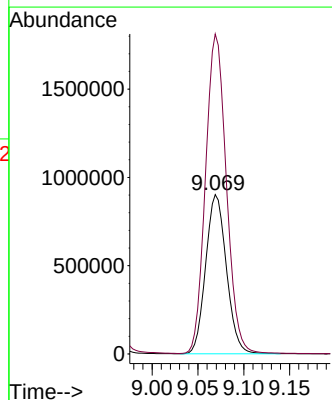
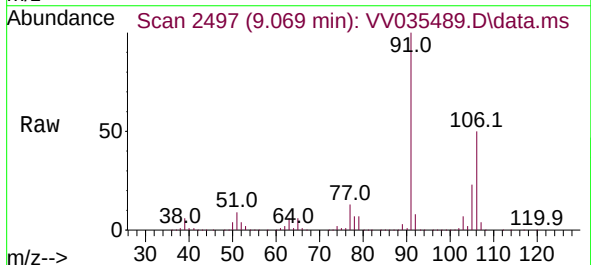
Instrument :
MSVOA_V
ClientSampleId :

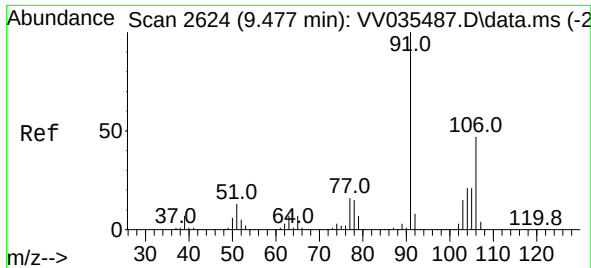
Tgt Ion: 91 Resp: 3708788
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.0



#53
m,p-Xylene
Concen: 219.185 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:106 Resp: 1417740
Ion Ratio Lower Upper
106 100
91 200.8 144.8 268.8

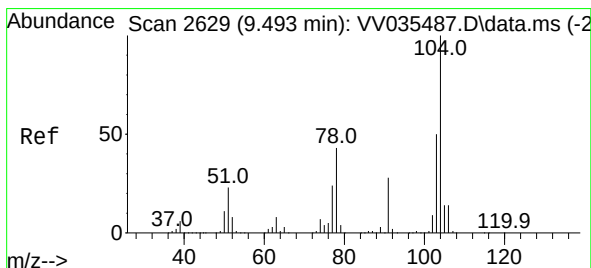
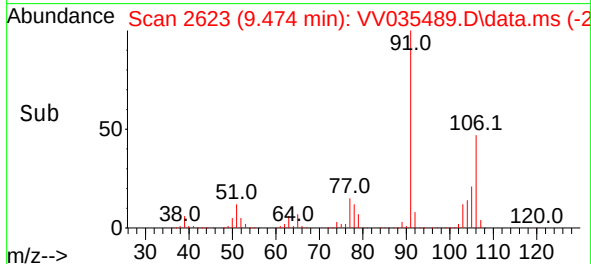
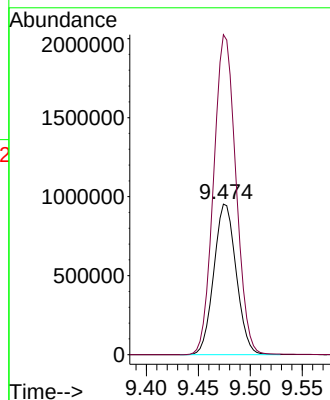
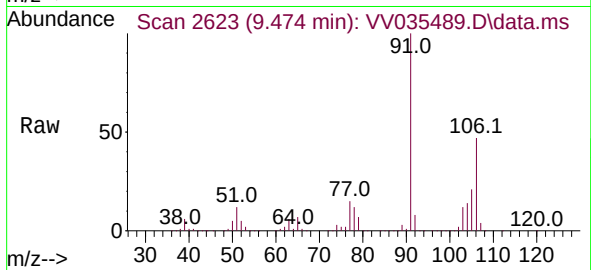




#54
o-Xylene
Concen: 224.449 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

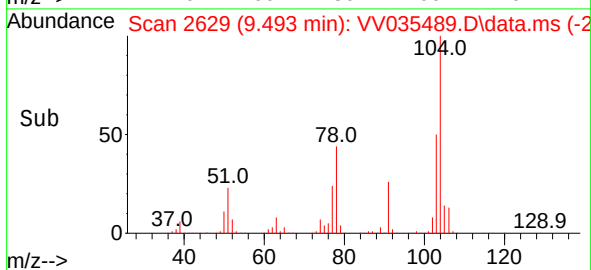
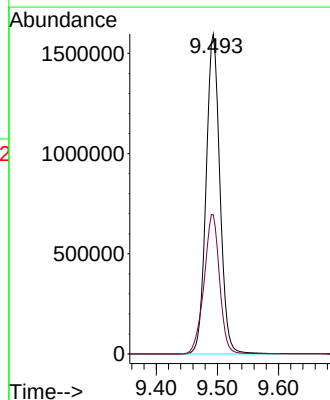
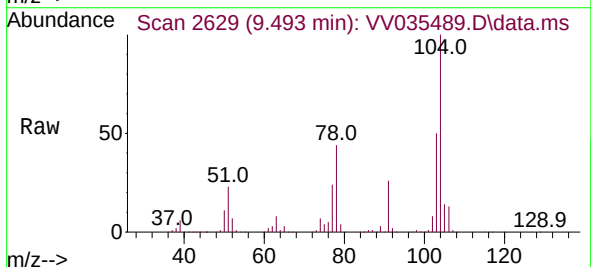
Instrument :
MSVOA_V
ClientSampleId :

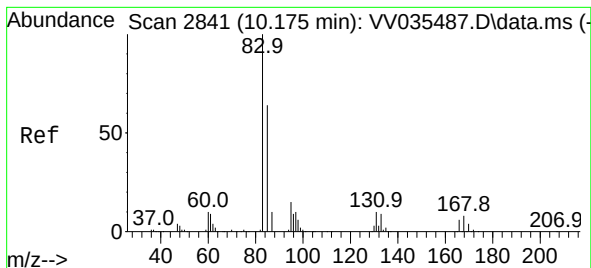
Tgt Ion:106 Resp: 1427640
Ion Ratio Lower Upper
106 100
91 212.5 149.9 278.3



#55
Styrene
Concen: 229.170 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

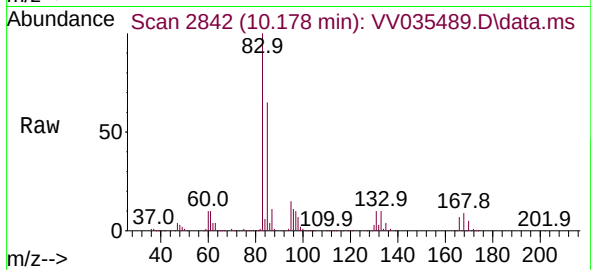
Tgt Ion:104 Resp: 2511866
Ion Ratio Lower Upper
104 100
78 43.5 29.9 55.5



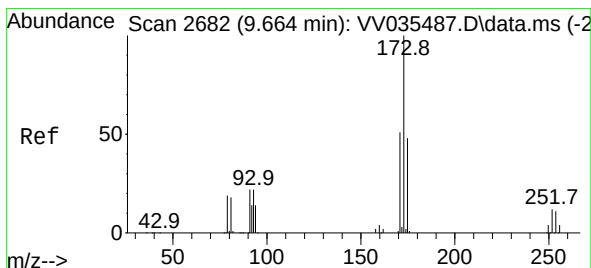
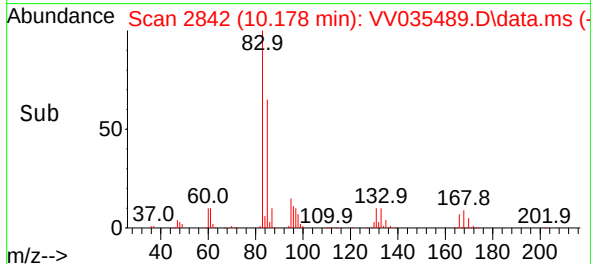
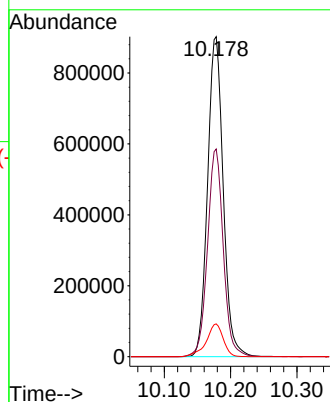


#57
1,1,2,2-Tetrachloroethane
Concen: 203.787 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :

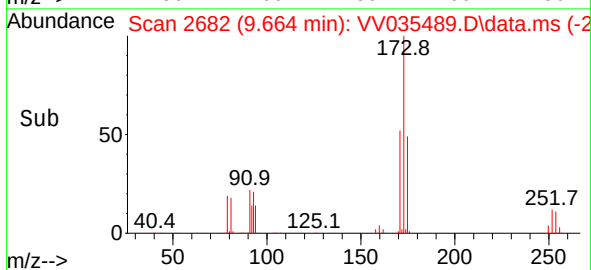
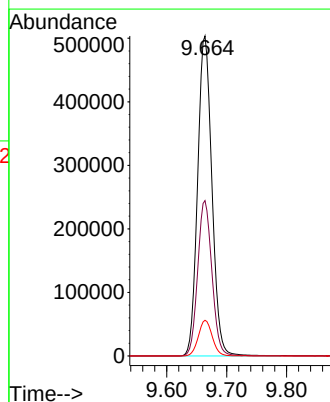
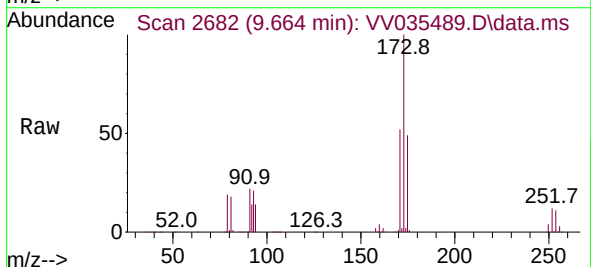


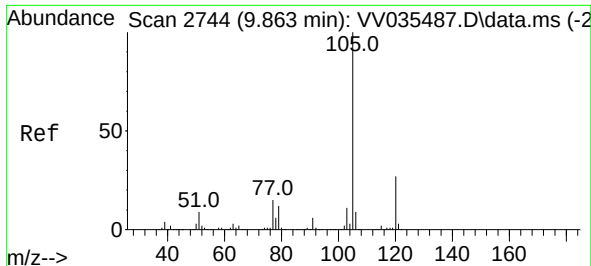
Tgt Ion: 83 Resp: 1475954
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.5
131 10.2 8.1 12.1



#59
Bromoform
Concen: 212.923 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

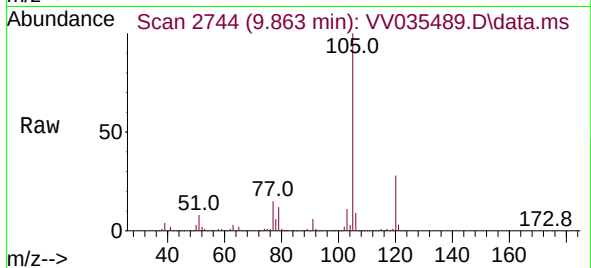
Tgt Ion: 173 Resp: 835847
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 10.9 8.5 12.7



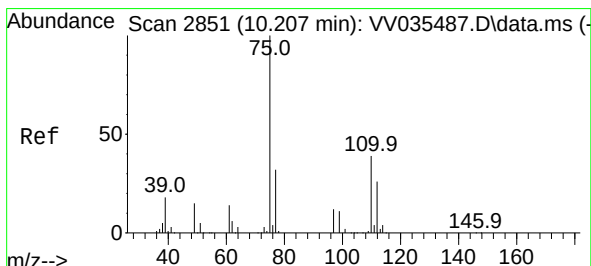
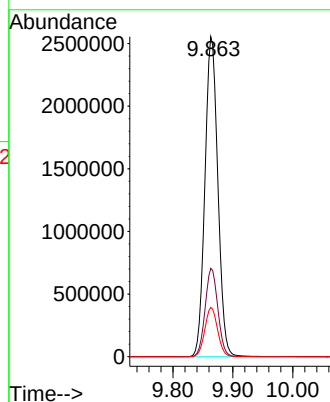
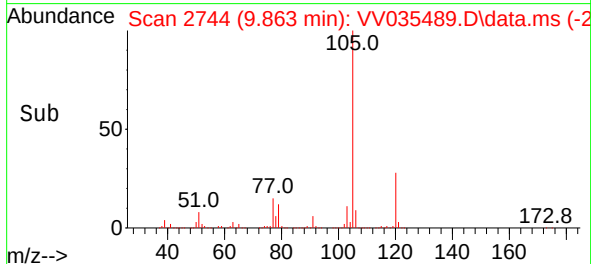


#60
Isopropylbenzene
Concen: 206.810 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

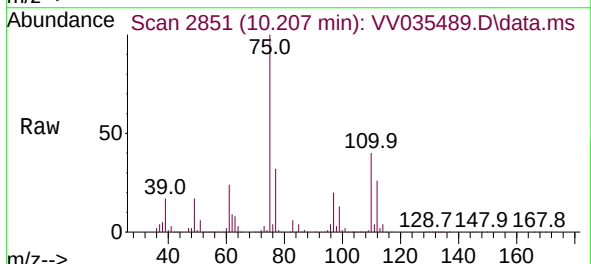
Instrument :
MSVOA_V
ClientSampleId :



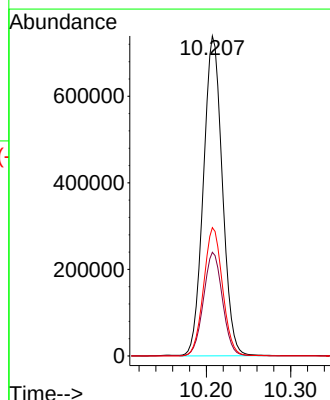
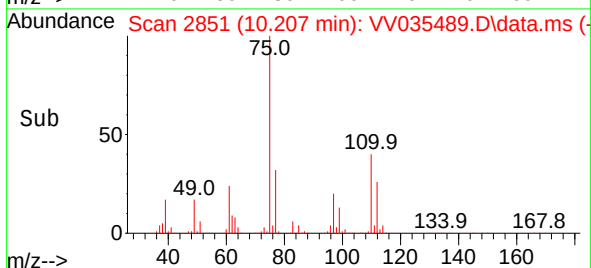
Tgt Ion:105 Resp: 3833055
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 15.2 12.3 18.5

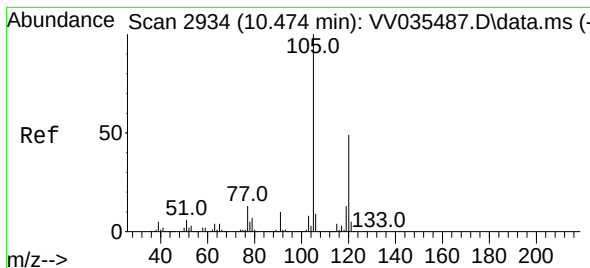


#61
1,2,3-Trichloropropane
Concen: 188.059 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44



Tgt Ion: 75 Resp: 1155176
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 40.2 31.6 47.4

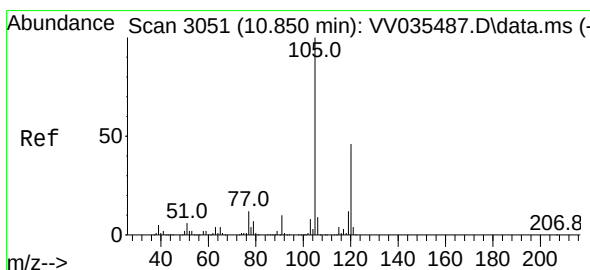
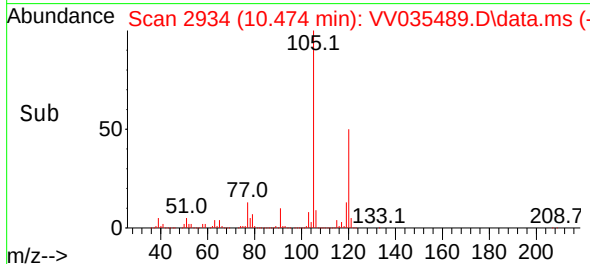
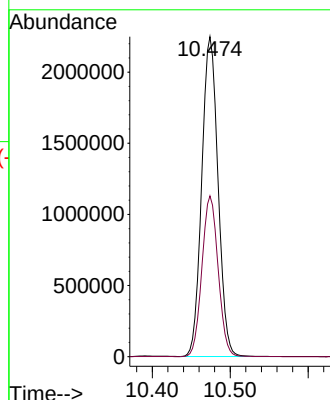
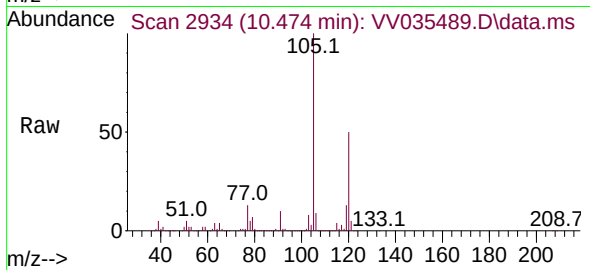




#62
1,3,5-Trimethylbenzene
Concen: 219.235 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

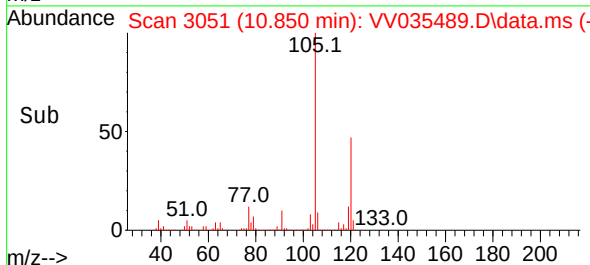
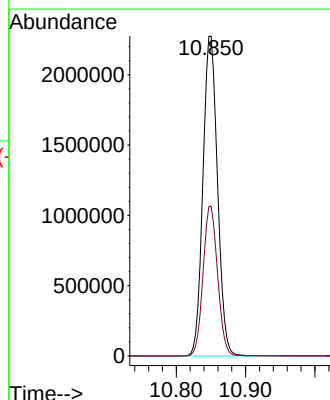
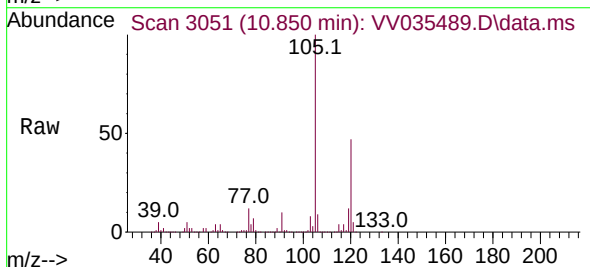
Instrument :
MSVOA_V
ClientSampleId :

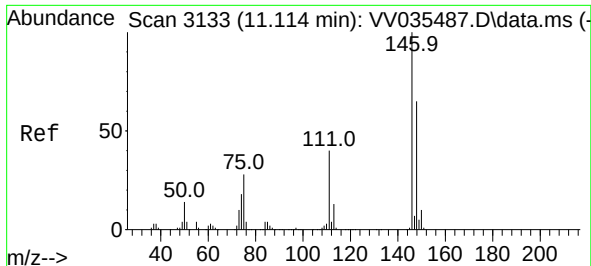
Tgt Ion:105 Resp: 3260055
Ion Ratio Lower Upper
105 100
120 50.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 227.231 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035489.D
Acq: 01 May 2024 11:44

Tgt Ion:105 Resp: 3314503
Ion Ratio Lower Upper
105 100
120 46.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 201.387 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

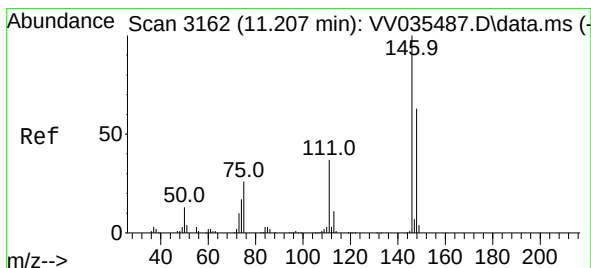
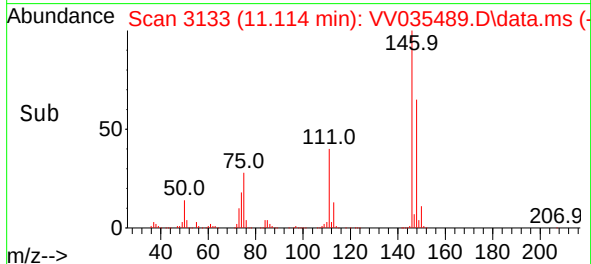
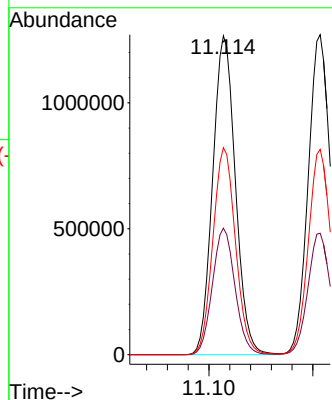
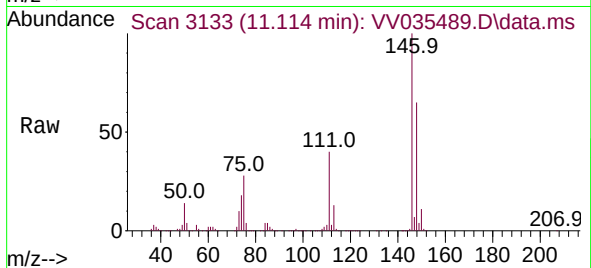
Tgt Ion:146 Resp: 1922389

Ion Ratio Lower Upper

146 100

111 39.7 27.9 51.7

148 64.9 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 193.316 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

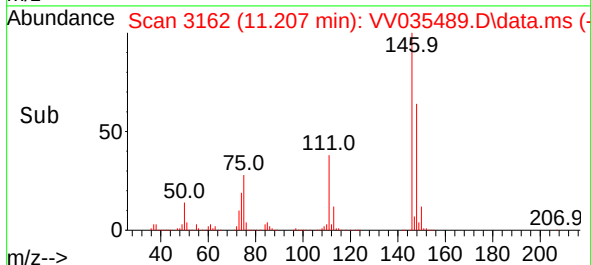
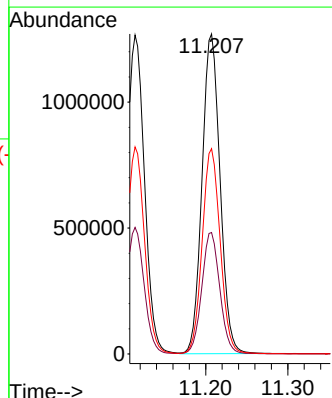
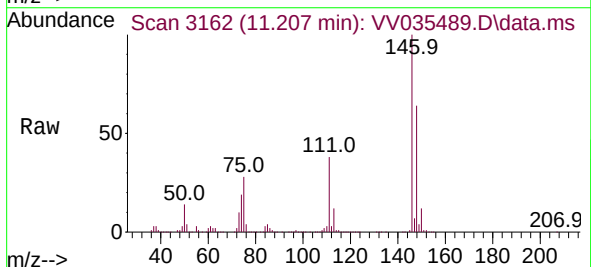
Tgt Ion:146 Resp: 1940309

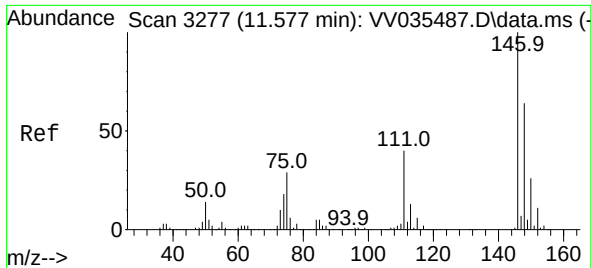
Ion Ratio Lower Upper

146 100

111 37.9 26.4 49.0

148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 195.852 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

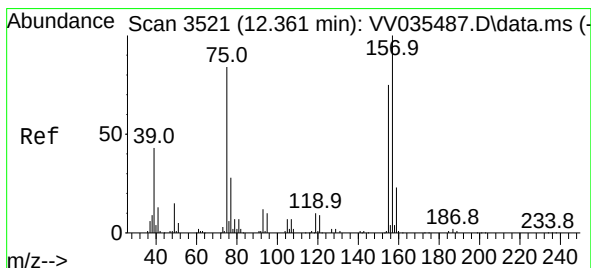
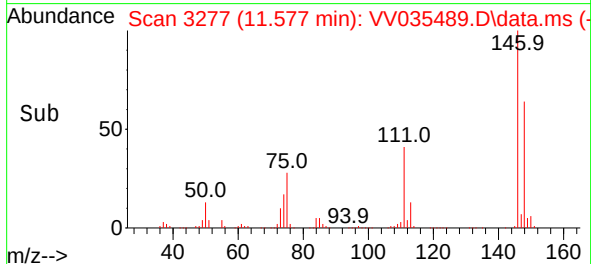
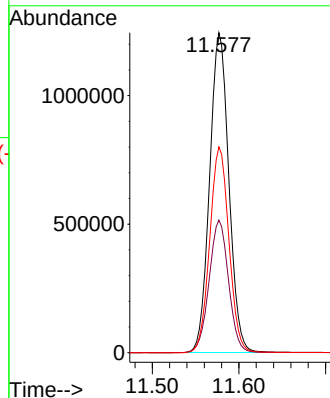
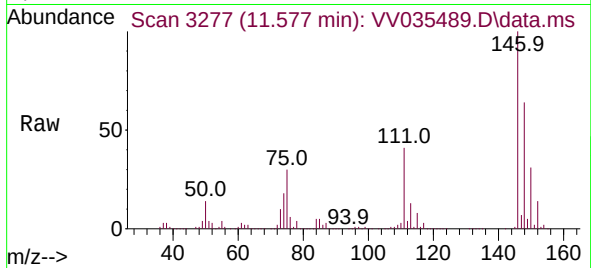
Tgt Ion:146 Resp: 1918953

Ion Ratio Lower Upper

146 100

111 41.4 32.1 48.1

148 64.3 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 232.114 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

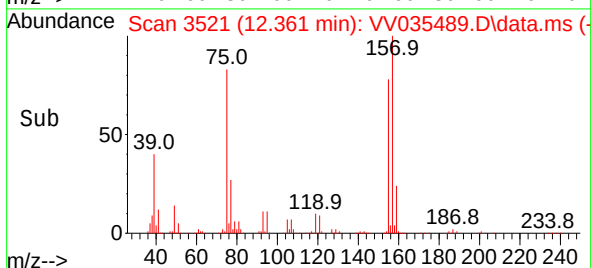
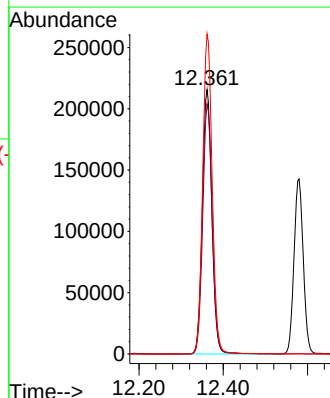
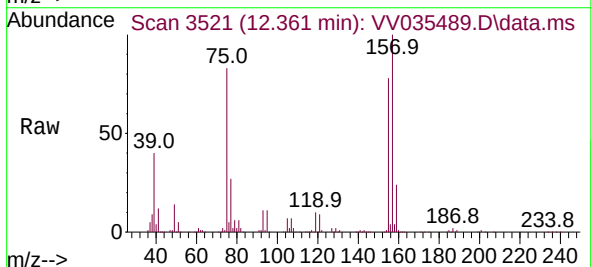
Tgt Ion: 75 Resp: 341072

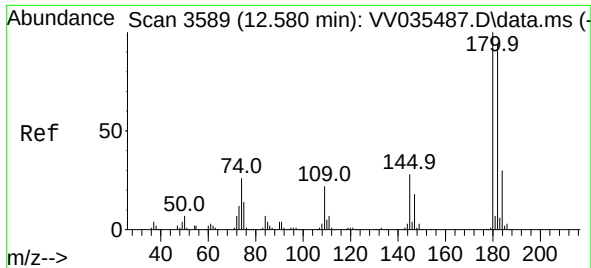
Ion Ratio Lower Upper

75 100

155 94.7 71.4 107.2

157 121.1 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 216.189 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

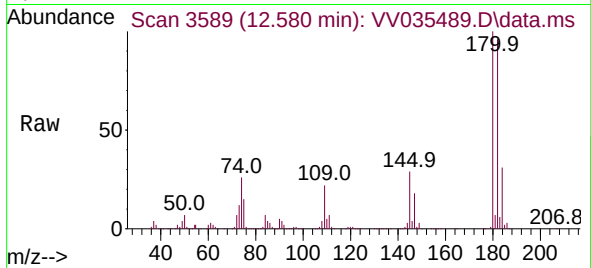
Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1486867

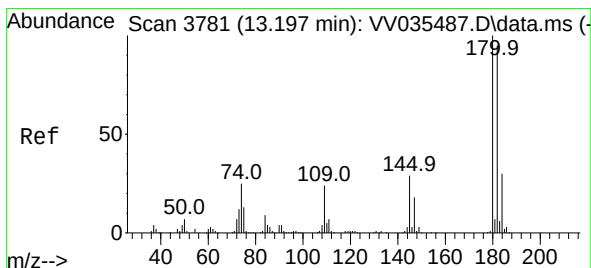
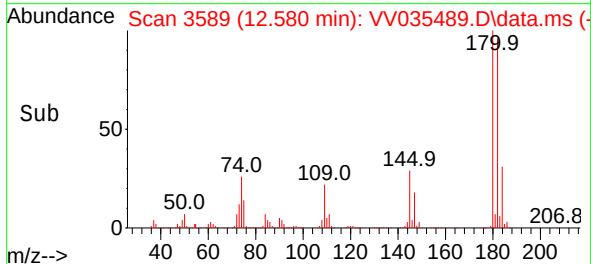
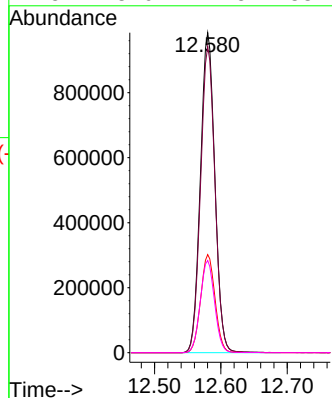
Ion Ratio Lower Upper

180 100

182 95.5 75.7 113.5

184 30.7 24.1 36.1

145 28.6 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 239.912 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

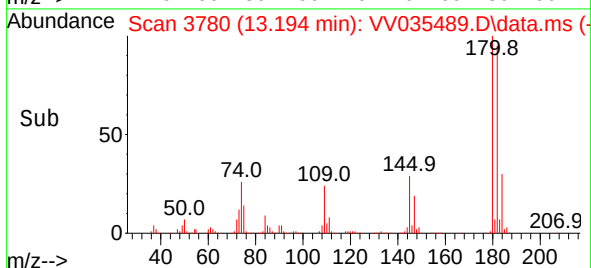
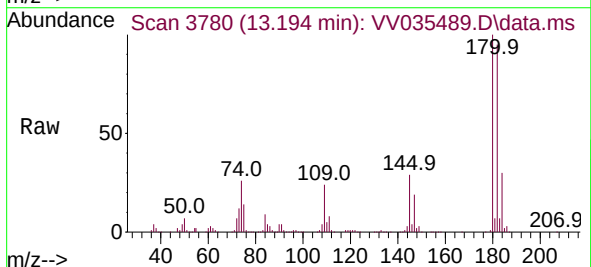
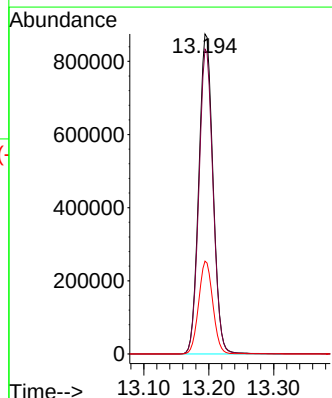
Tgt Ion:180 Resp: 1333497

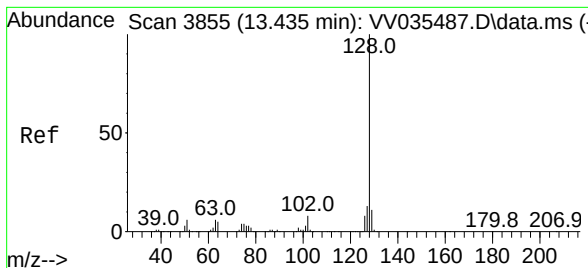
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 29.0 23.0 34.4





#71

Naphthalene

Concen: 292.266 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :

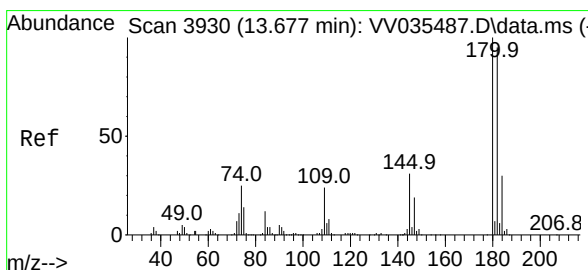
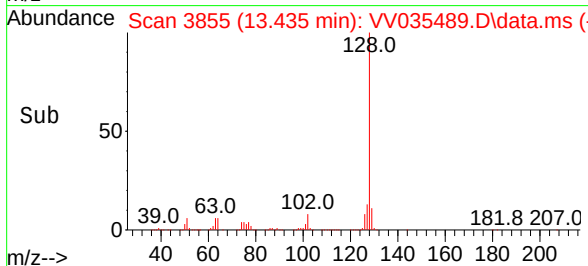
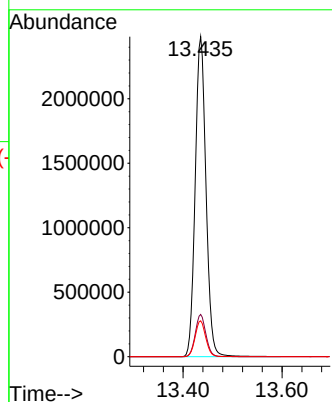
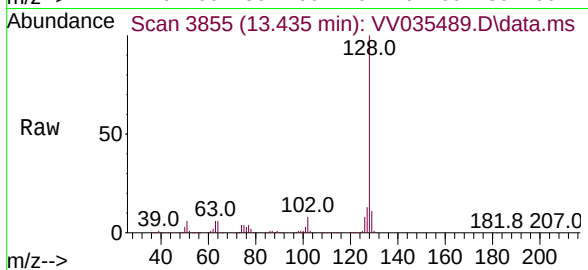
Tgt Ion:128 Resp: 3762534

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 238.873 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035489.D

Acq: 01 May 2024 11:44

Tgt Ion:180 Resp: 1307459

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 30.9 24.9 37.3

