

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027289.D
 Acq On : 11 Aug 2022 19:12
 Operator : SY/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 01:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:29:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	311686	19.680	ug/L	0.00
7) Chloroethane-d5	1.558	69	197183	17.143	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	541332	18.847	ug/L	0.00
20) 2-Butanone-d5	3.873	46	683243	235.201	ug/L	0.00
24) Chloroform-d	4.342	84	566854	19.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	269197	19.454	ug/L	0.00
32) Benzene-d6	5.043	84	1103245	20.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	337292	19.227	ug/L	0.00
41) Toluene-d8	7.313	98	1036803	21.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	128285	22.451	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	559394	252.970	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	233625	19.576	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	341298	19.779	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	383109	17.685	ug/L	99
3) Chloromethane	1.236	50	391684	18.075	ug/L	99
5) Vinyl chloride	1.304	62	372954	18.453	ug/L	99
6) Bromomethane	1.513	94	173288	18.362	ug/L	97
8) Chloroethane	1.577	64	187278	16.666	ug/L	100
9) Trichlorofluoromethane	1.744	101	480078	17.791	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	228250	18.012	ug/L	97
12) 1,1-Dichloroethene	2.108	96	238155	18.141	ug/L	94
13) Acetone	2.166	43	409793	183.369	ug/L #	51
14) Carbon disulfide	2.285	76	954058	18.151	ug/L	100
15) Methyl Acetate	2.429	43	96219	19.938	ug/L	94
16) Methylene chloride	2.497	84	323715	15.356	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	640579	20.906	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	303678	18.808	ug/L	99
19) 1,1-Dichloroethane	3.182	63	586739	18.980	ug/L	100
21) 2-Butanone	3.957	43	708848	279.382	ug/L	90
22) cis-1,2-Dichloroethene	3.902	96	321952	20.277	ug/L	98
23) Bromochloromethane	4.240	128	140771	18.968	ug/L	99
25) Chloroform	4.368	83	578594	18.216	ug/L	99
27) 1,2-Dichloroethane	5.124	62	343391	18.917	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	493149	19.375	ug/L	99
30) Cyclohexane	4.670	56	453861	22.011	ug/L	99
31) Carbon tetrachloride	4.821	117	421793	19.043	ug/L	100
33) Benzene	5.092	78	1243263	20.112	ug/L	100
34) Trichloroethene	5.908	95	301315	19.583	ug/L	99
35) Methylcyclohexane	6.127	83	475634	22.452	ug/L	96
37) 1,2-Dichloropropane	6.169	63	319169	20.889	ug/L	98
38) Bromodichloromethane	6.503	83	388670	19.738	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	425554	22.786	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1758985	223.071	ug/L	99
42) Toluene	7.384	91	1319961	21.402	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	368057	22.526	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027289.D
 Acq On : 11 Aug 2022 19:12
 Operator : SY/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

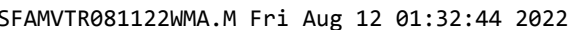
Quant Time: Aug 12 01:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:29:27 2022
 Response via : Initial Calibration

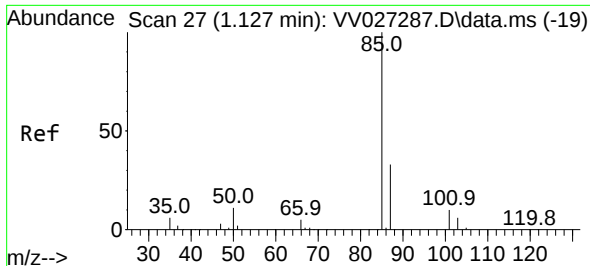
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	210366	19.311	ug/L	100
47) Tetrachloroethene	7.972	164	236017	19.532	ug/L	99
48) 2-Hexanone	8.136	43	1231548	221.790	ug/L	100
49) Dibromochloromethane	8.243	129	254532	19.961	ug/L	99
50) 1,2-Dibromoethane	8.349	107	193331	19.962	ug/L	99
51) Chlorobenzene	8.879	112	808484	20.125	ug/L	100
52) Ethylbenzene	9.011	91	1387496	22.390	ug/L	100
53) m,p-Xylene	9.136	106	541808	22.925	ug/L	100
54) o-Xylene	9.542	106	521016	22.538	ug/L	100
55) Styrene	9.558	104	911766	22.937	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	237725	19.578	ug/L	97
59) Bromoform	9.728	173	127823	18.960	ug/L	99
60) Isopropylbenzene	9.931	105	1355957	21.534	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	173466	18.015	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	375679	21.586	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1158472	23.219	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	628716	19.981	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	624981	19.739	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	581154	19.833	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	38218	19.000	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	463645	20.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	367833	21.694	ug/L	99
71) Naphthalene	13.500	128	626918	23.929	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	344091	21.771	ug/L	97

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

Quant Time: Aug 12 01:32:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 01:29:27 2022
Response via : Initial Calibration

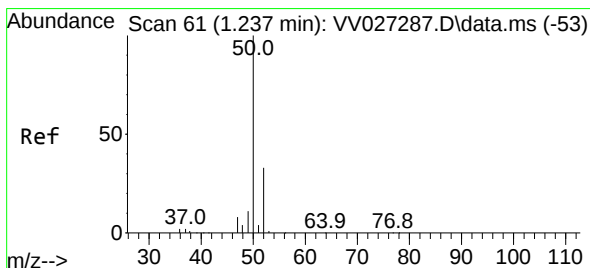
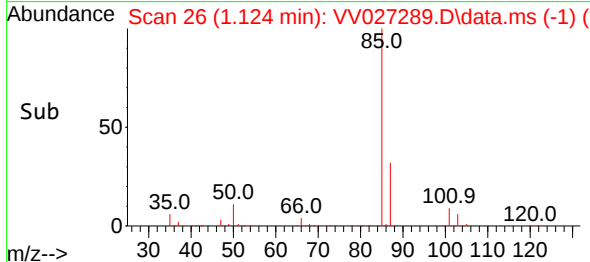
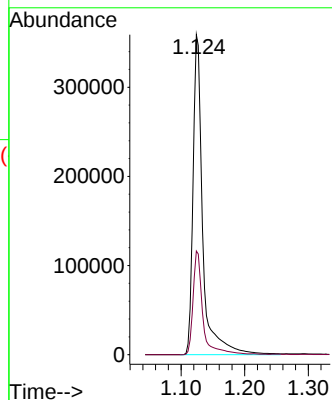
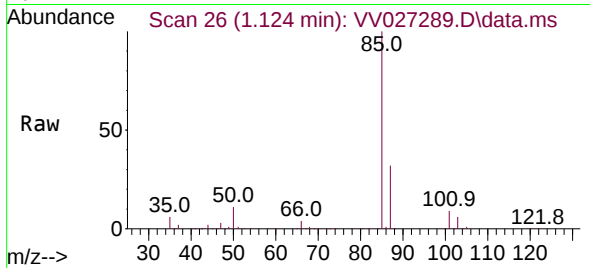




#2
 Dichlorodifluoromethane
 Concen: 17.685 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

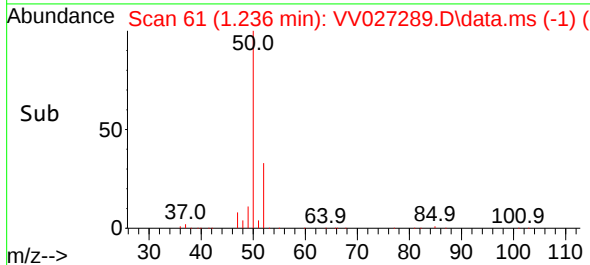
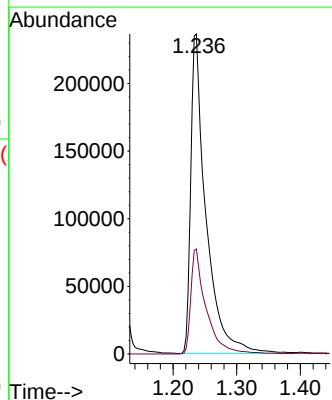
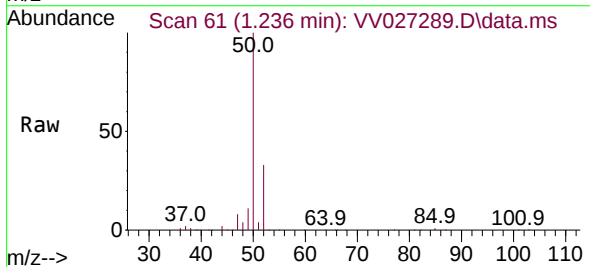
Instrument :
 MSVOA_V
 ClientSampleId :

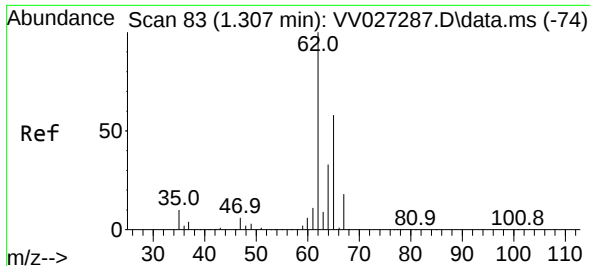
Tgt Ion: 85 Resp: 383109
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 18.075 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

Tgt Ion: 50 Resp: 391684
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

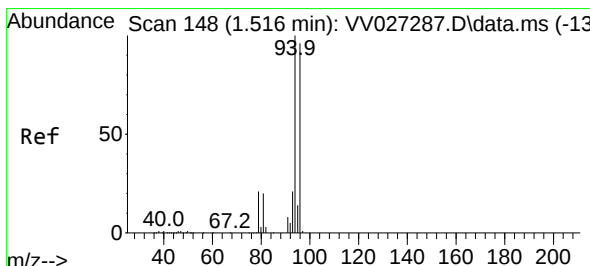
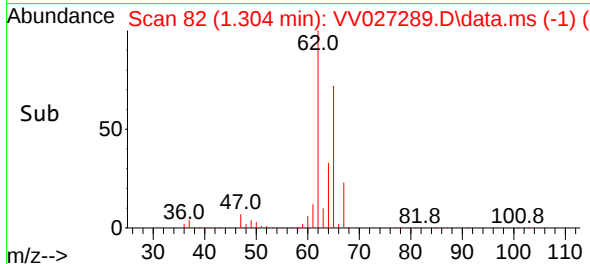
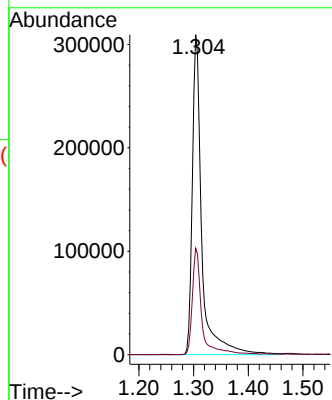
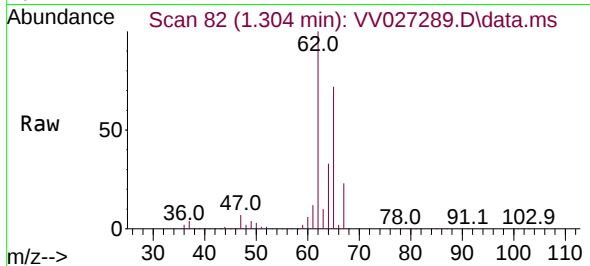




#5
 Vinyl chloride
 Concen: 18.453 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

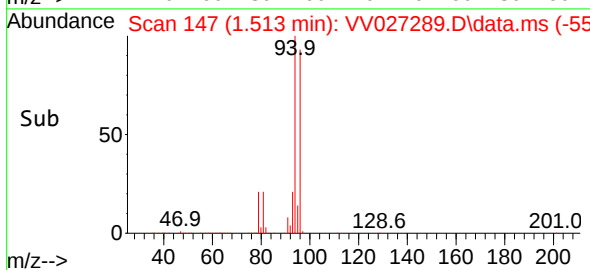
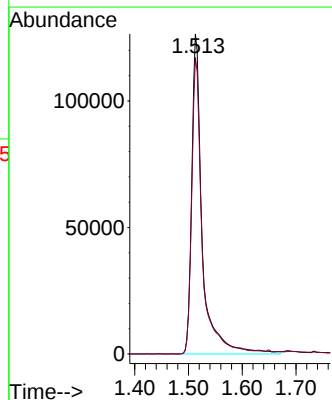
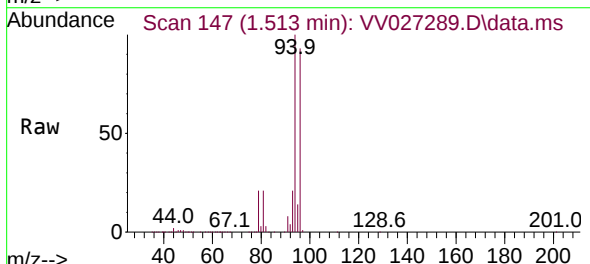
Instrument :
 MSVOA_V
 ClientSampleId :

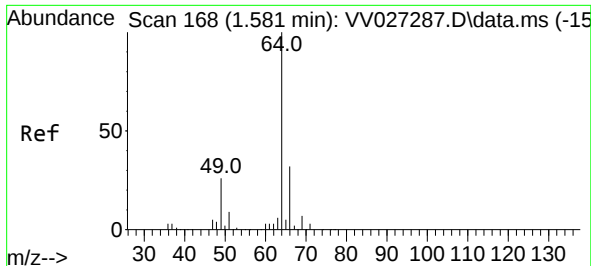
Tgt Ion: 62 Resp: 372954
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 44.1



#6
 Bromomethane
 Concen: 18.362 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

Tgt Ion: 94 Resp: 173288
 Ion Ratio Lower Upper
 94 100
 96 92.6 67.2 124.8

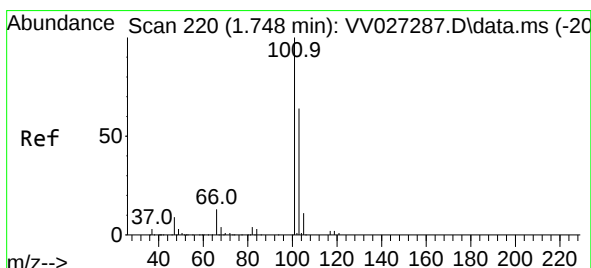
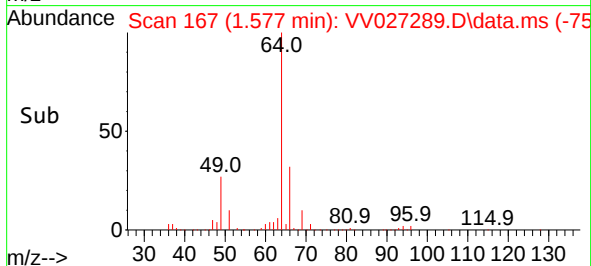
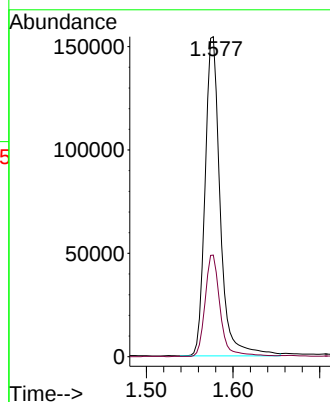
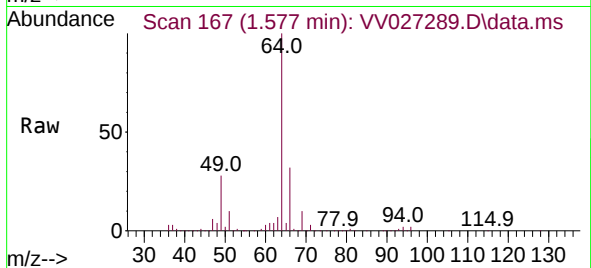




#8
Chloroethane
Concen: 16.666 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

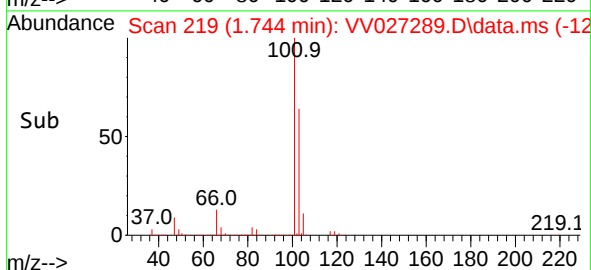
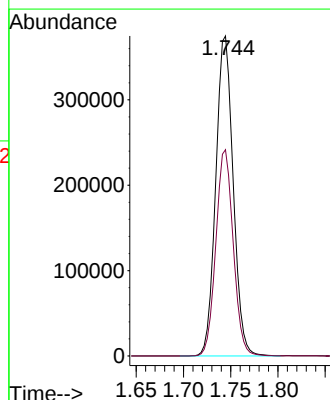
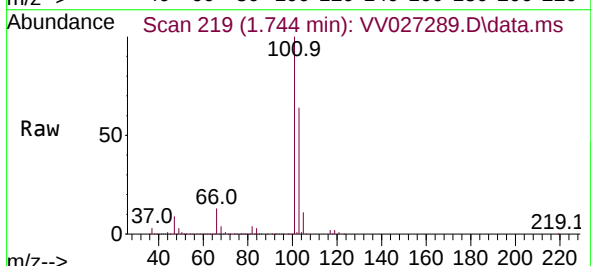
Instrument :
MSVOA_V
ClientSampleId :

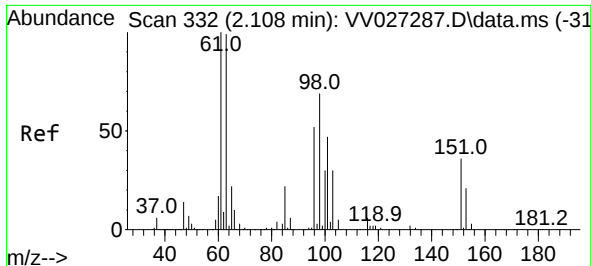
Tgt Ion: 64 Resp: 187278
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 17.791 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion:101 Resp: 480078
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

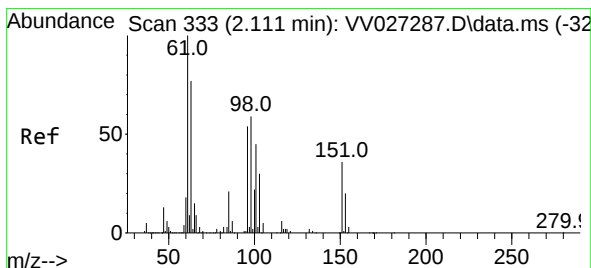
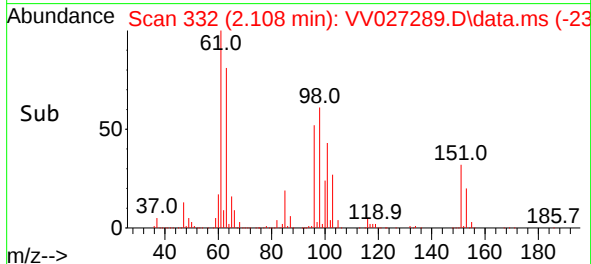
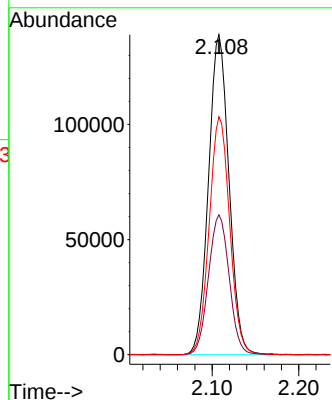
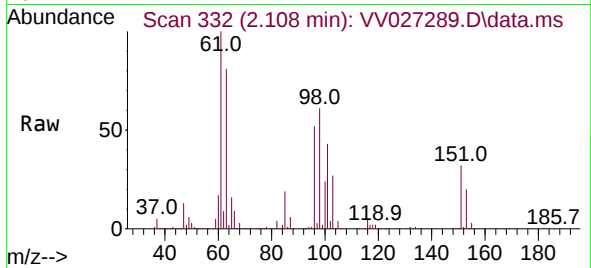




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.012 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

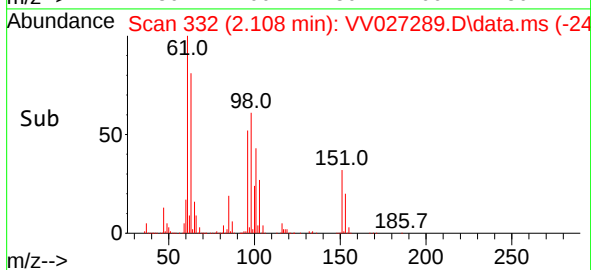
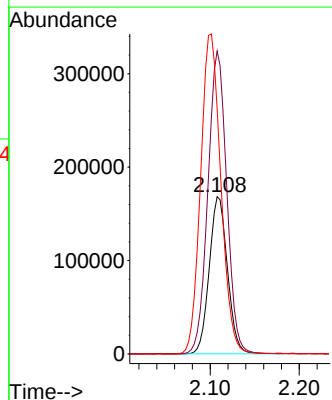
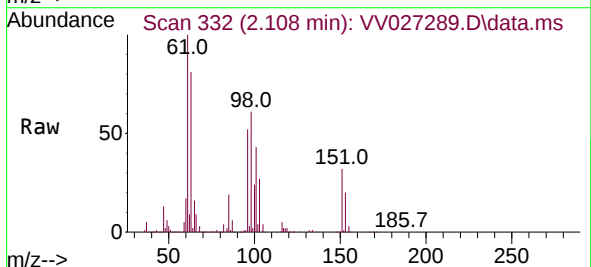
Instrument :
 MSVOA_V
 ClientSampleId :

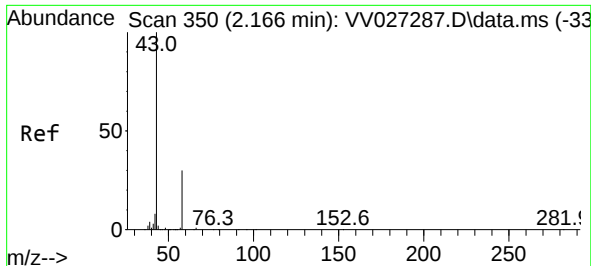
Tgt Ion:101 Resp: 228250
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.2 54.4
 151 74.7 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 18.141 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

Tgt Ion: 96 Resp: 238155
 Ion Ratio Lower Upper
 96 100
 61 192.8 130.7 242.7
 63 155.7 101.4 188.2





#13

Acetone

Concen: 183.369 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

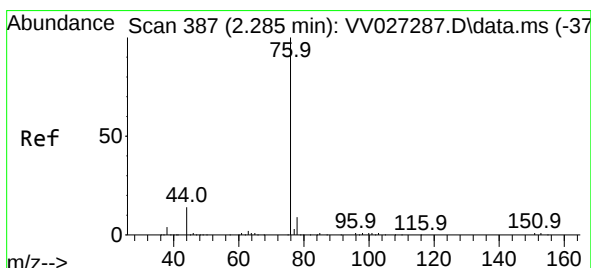
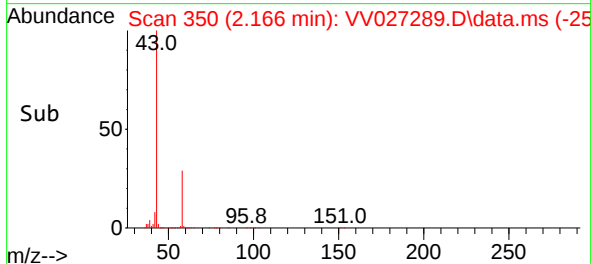
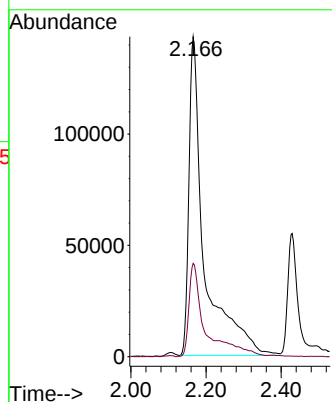
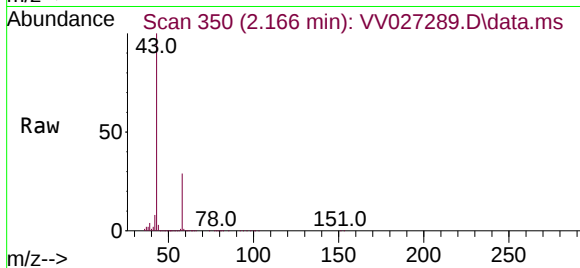
ClientSampleId :

Tgt Ion: 43 Resp: 409793

Ion Ratio Lower Upper

43 100

58 23.8 0.0 1.8#



#14

Carbon disulfide

Concen: 18.151 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027289.D

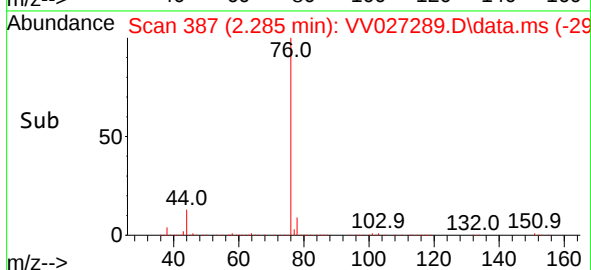
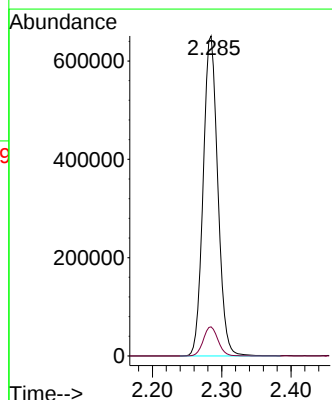
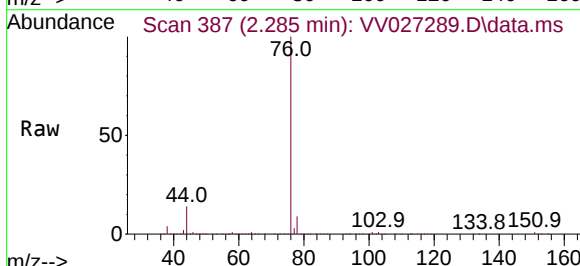
Acq: 11 Aug 2022 19:12

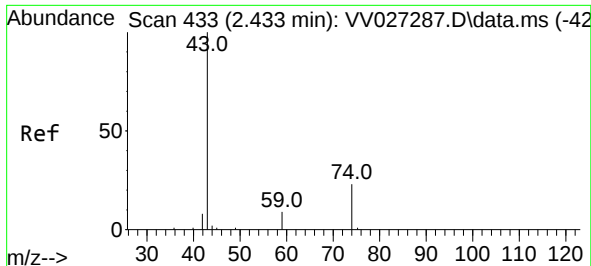
Tgt Ion: 76 Resp: 954058

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

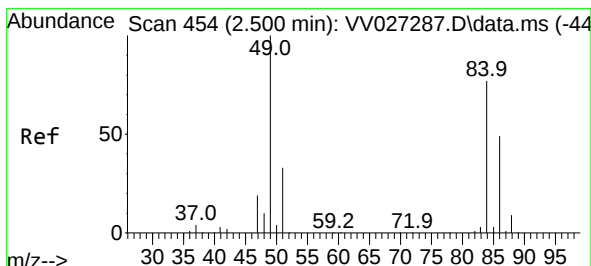
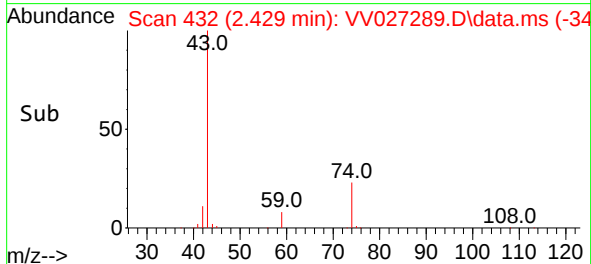
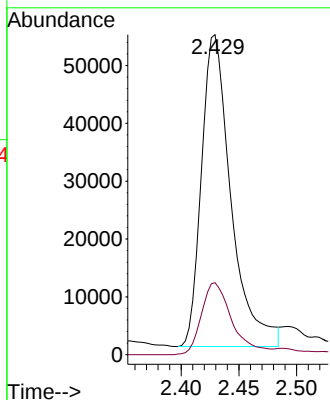
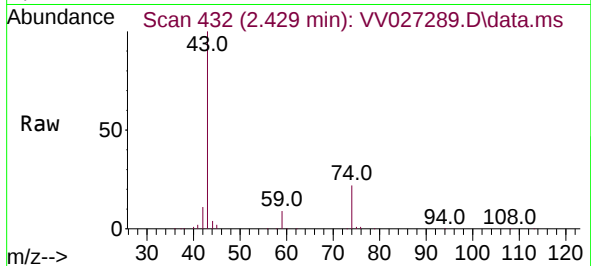




#15
Methyl Acetate
Concen: 19.938 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

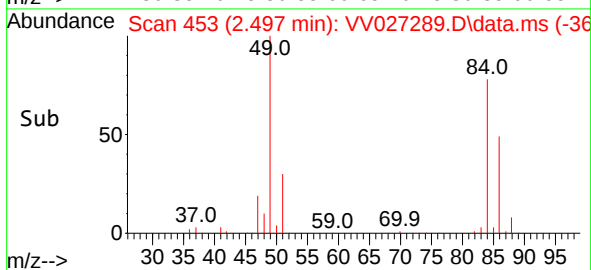
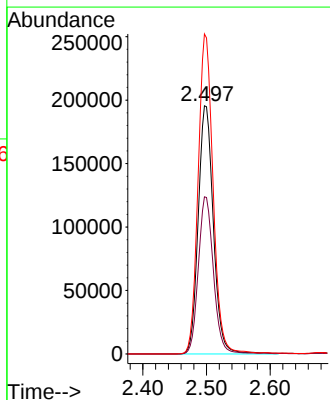
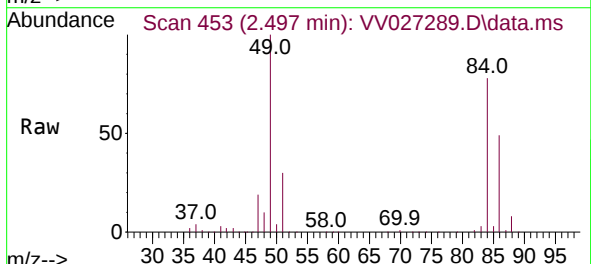
Instrument :
MSVOA_V
ClientSampleId :

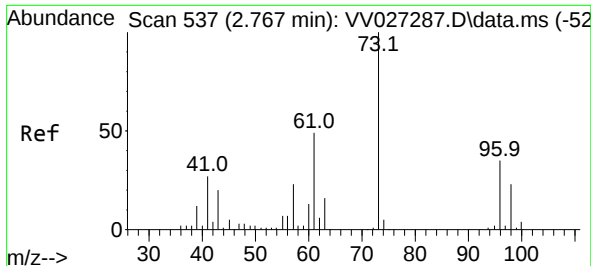
Tgt Ion: 43 Resp: 96219
Ion Ratio Lower Upper
43 100
74 24.0 21.8 32.8



#16
Methylene chloride
Concen: 15.356 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 84 Resp: 323715
Ion Ratio Lower Upper
84 100
86 63.3 45.1 83.9
49 128.9 91.2 169.4

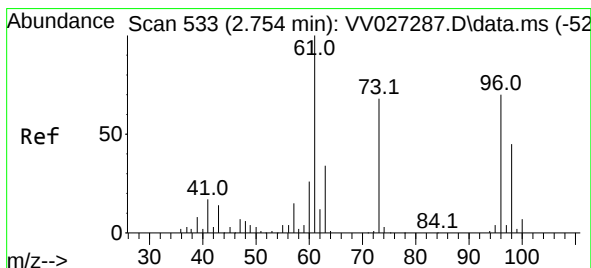
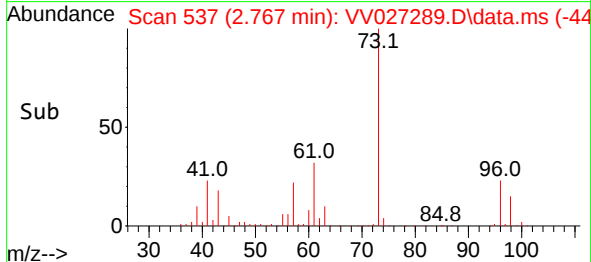
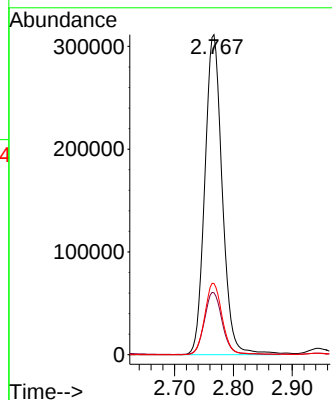
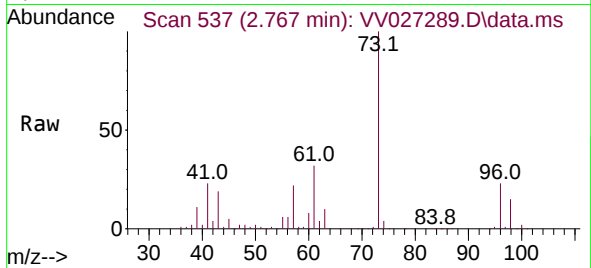




#17
Methyl tert-butyl Ether
Concen: 20.906 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

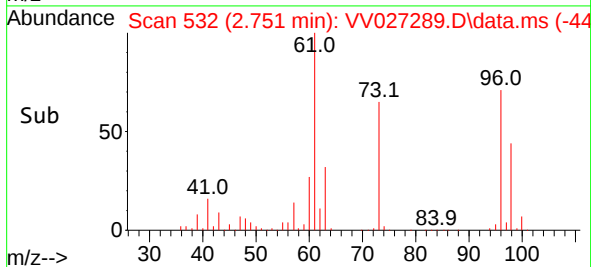
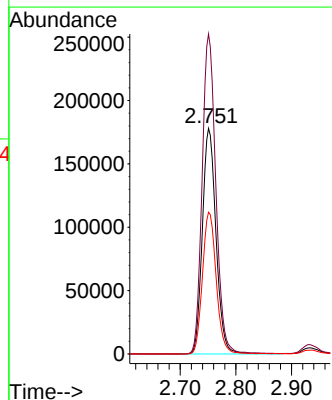
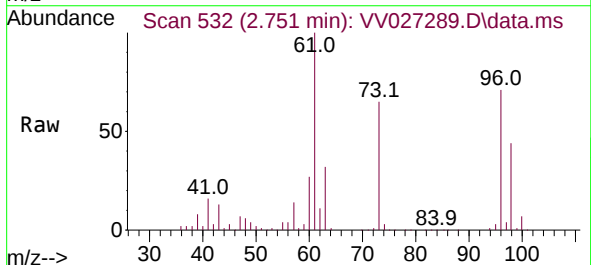
Instrument :
MSVOA_V
ClientSampleId :

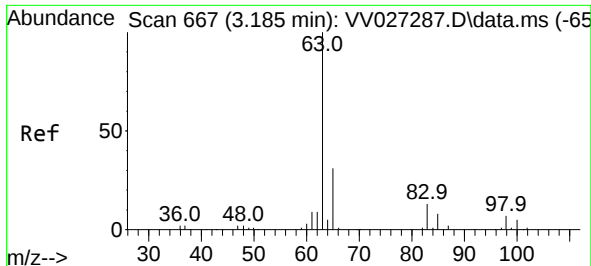
Tgt Ion: 73 Resp: 640579
Ion Ratio Lower Upper
73 100
43 19.6 15.8 23.8
57 22.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 18.808 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 96 Resp: 303678
Ion Ratio Lower Upper
96 100
61 141.8 99.6 185.0
98 62.9 45.1 83.7

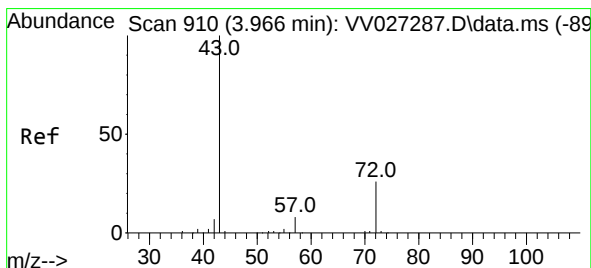
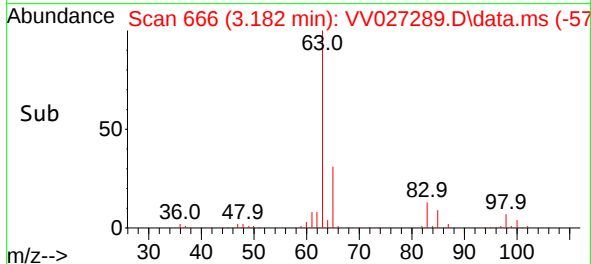
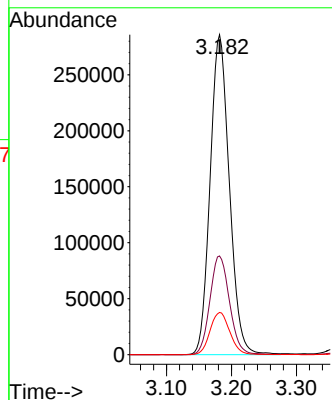
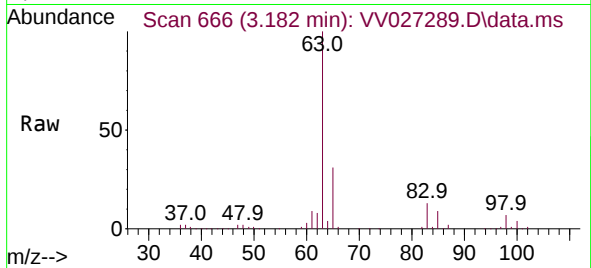




#19
1,1-Dichloroethane
Concen: 18.980 ug/L
RT: 3.182 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

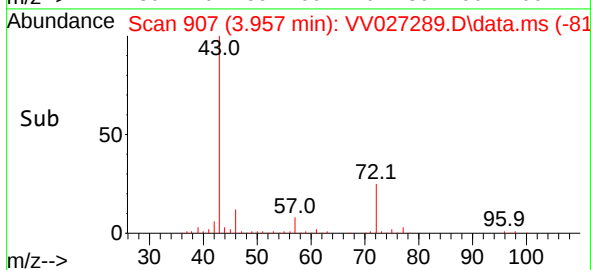
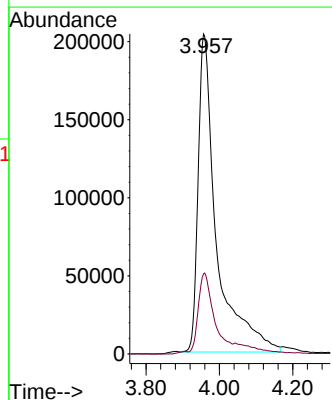
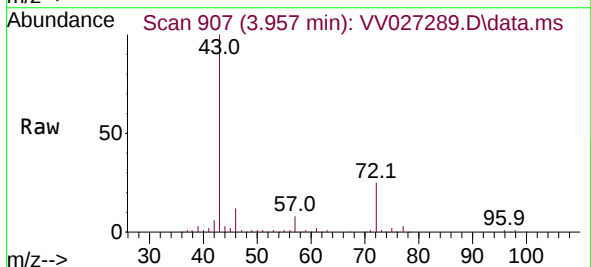
Instrument :
MSVOA_V
ClientSampleId :

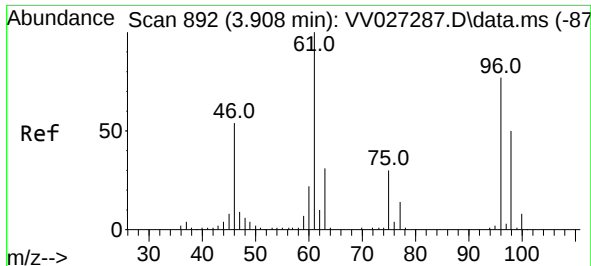
Tgt Ion: 63 Resp: 586739
Ion Ratio Lower Upper
63 100
65 30.8 21.6 40.2
83 13.2 9.3 17.3



#21
2-Butanone
Concen: 279.382 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.010 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 43 Resp: 708848
Ion Ratio Lower Upper
43 100
72 20.6 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 20.277 ug/L

RT: 3.902 min Scan# 892

Delta R.T. -0.007 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

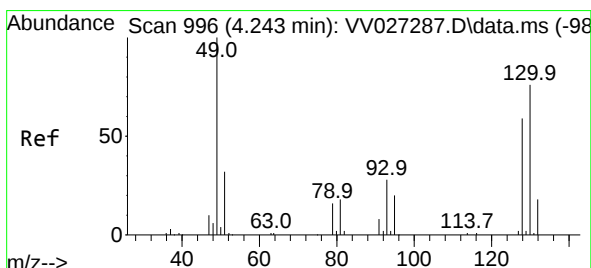
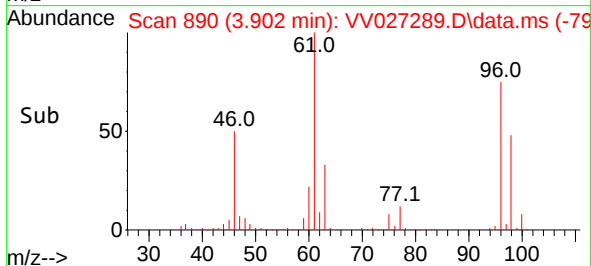
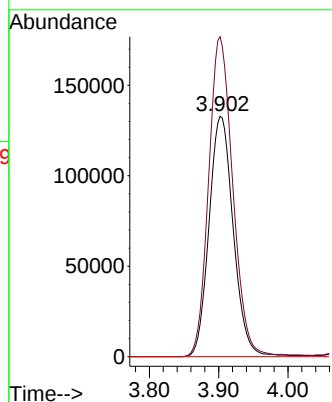
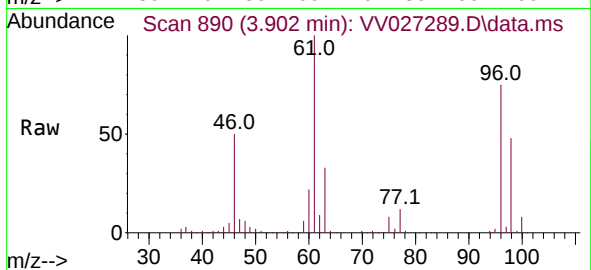
Tgt Ion: 96 Resp: 321952

Ion Ratio Lower Upper

96 100

61 133.1 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 18.968 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Tgt Ion:128 Resp: 140771

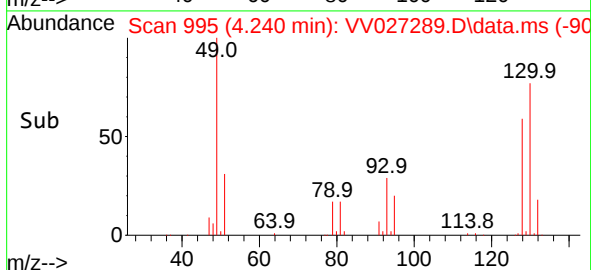
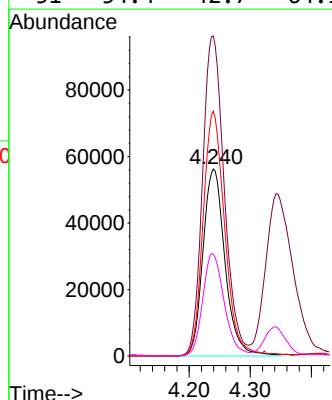
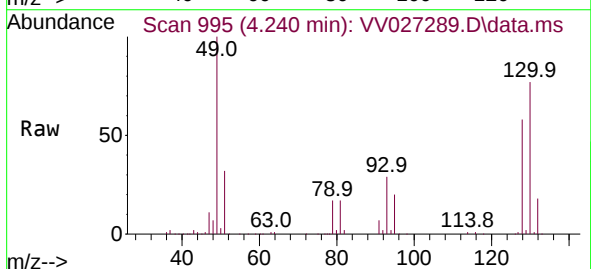
Ion Ratio Lower Upper

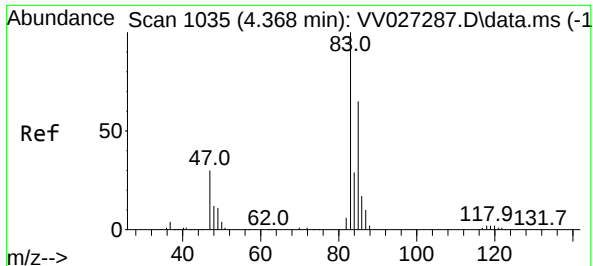
128 100

49 171.0 118.5 220.1

130 130.8 90.3 167.7

51 54.4 42.7 64.1





#25

Chloroform

Concen: 18.216 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

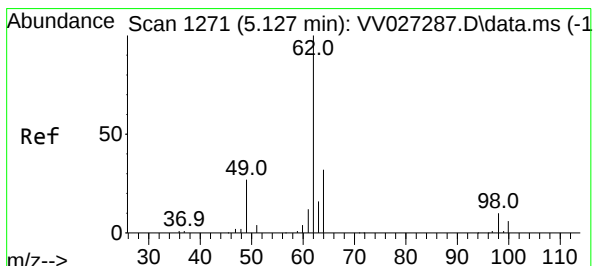
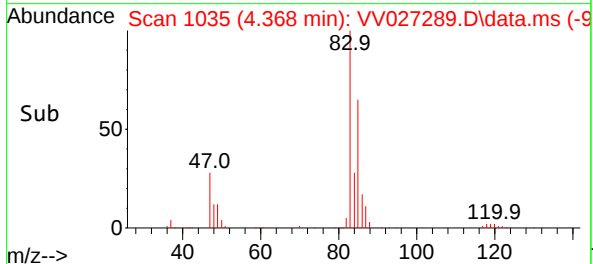
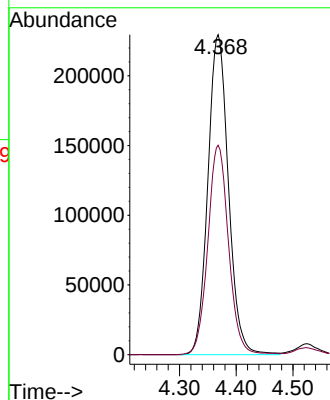
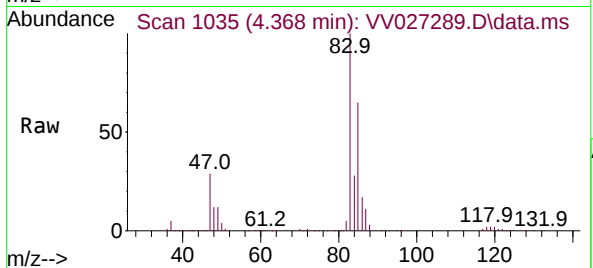
ClientSampleId :

Tgt Ion: 83 Resp: 578594

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 18.917 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV027289.D

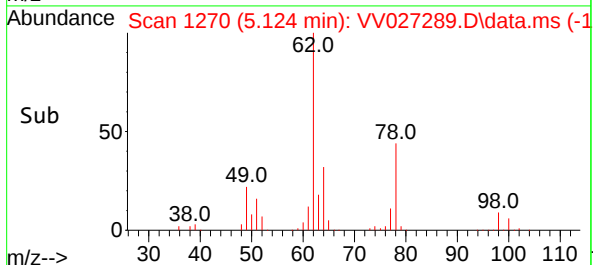
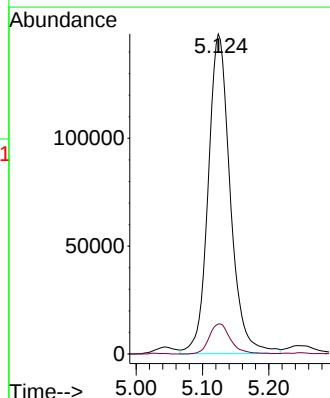
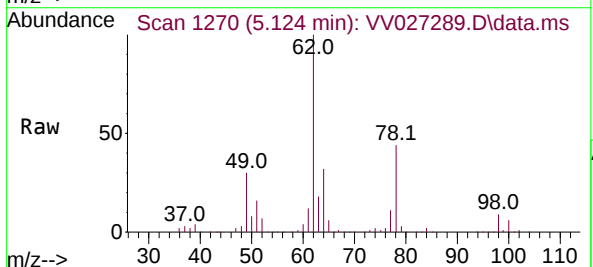
Acq: 11 Aug 2022 19:12

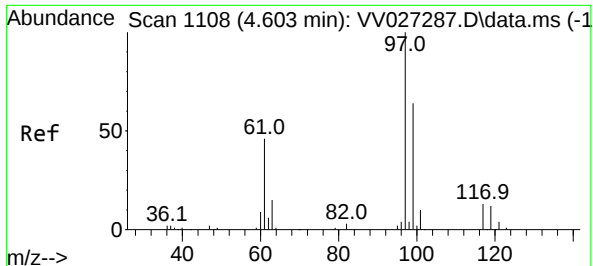
Tgt Ion: 62 Resp: 343391

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 19.375 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

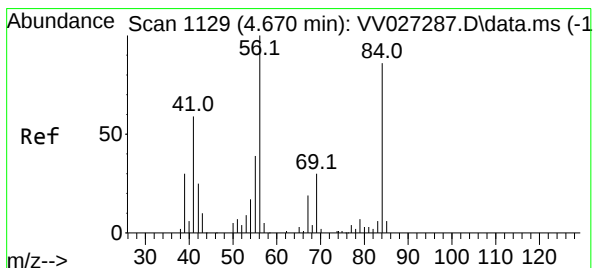
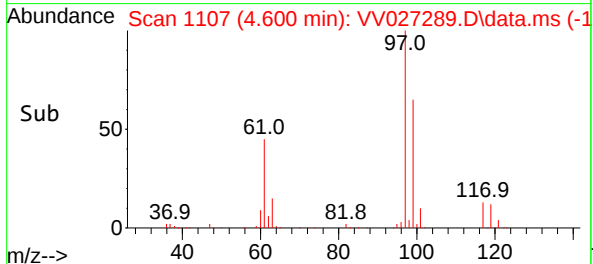
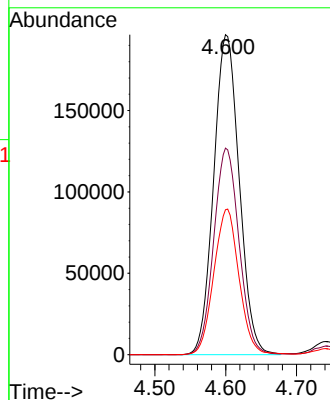
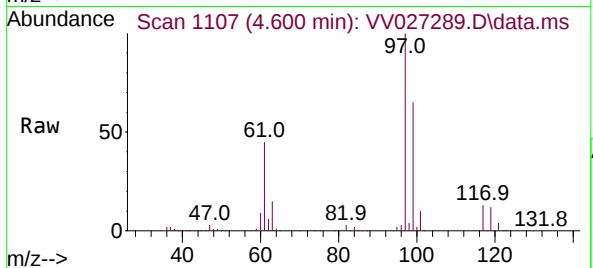
Tgt Ion: 97 Resp: 493149

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 45.0 36.5 54.7



#30

Cyclohexane

Concen: 22.011 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

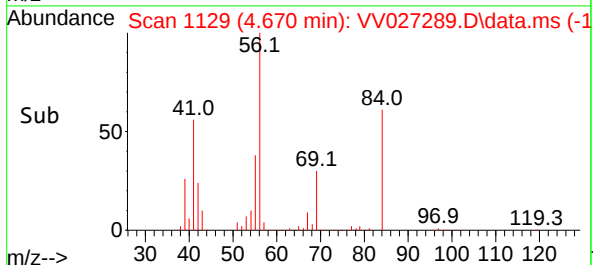
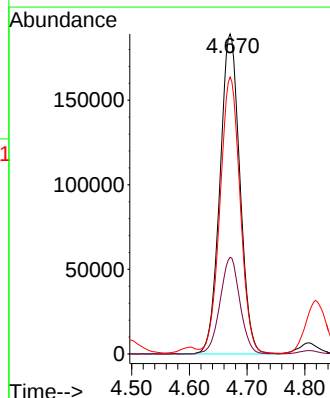
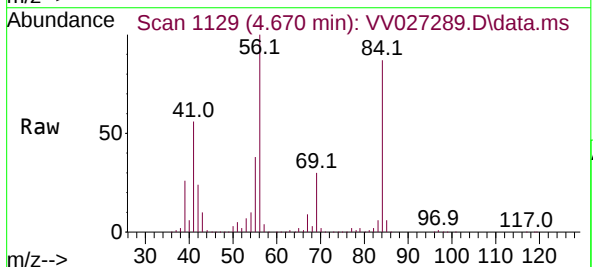
Tgt Ion: 56 Resp: 453861

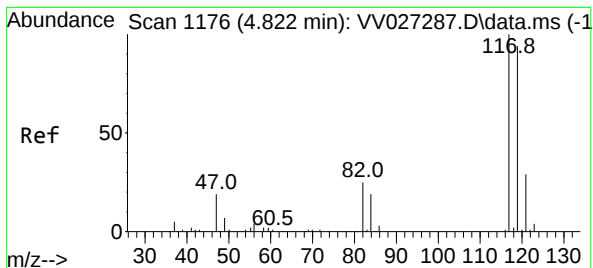
Ion Ratio Lower Upper

56 100

69 30.1 24.0 36.0

84 87.2 69.1 103.7





#31

Carbon tetrachloride

Concen: 19.043 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

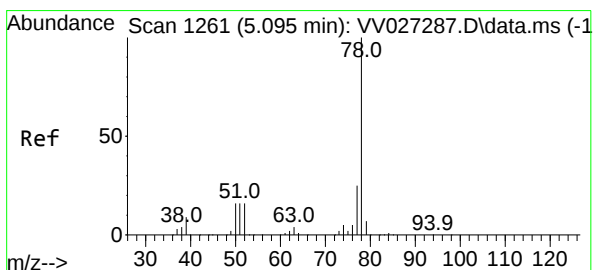
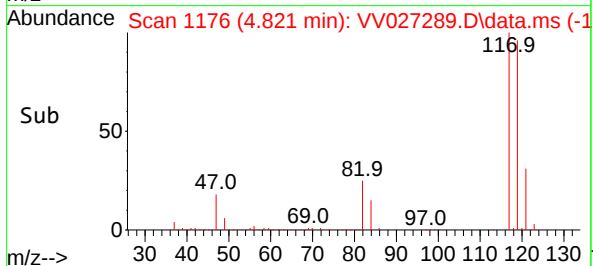
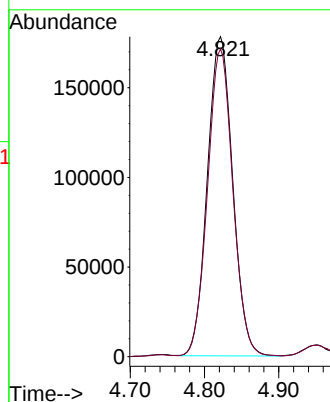
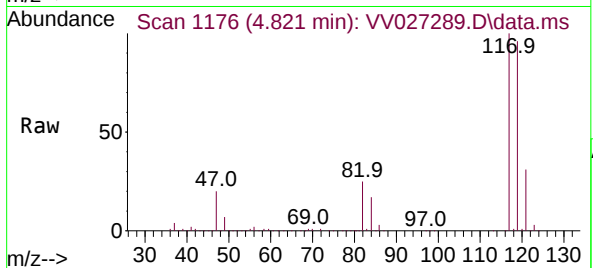
ClientSampleId :

Tgt Ion:117 Resp: 421793

Ion Ratio Lower Upper

117 100

119 96.1 76.6 115.0



#33

Benzene

Concen: 20.112 ug/L

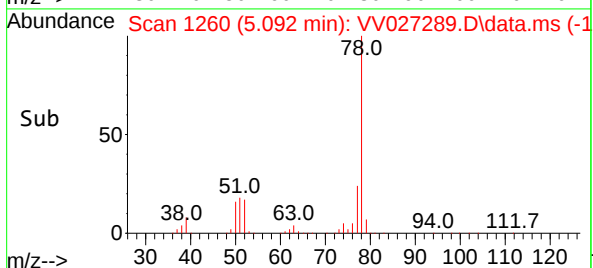
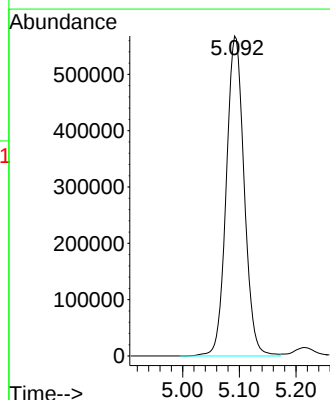
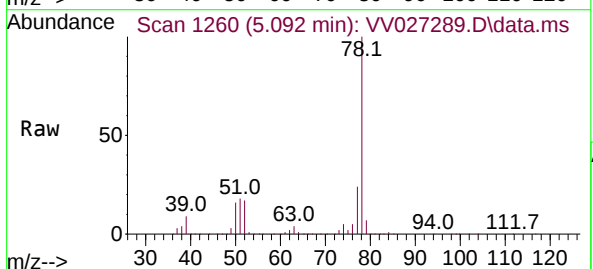
RT: 5.092 min Scan# 1260

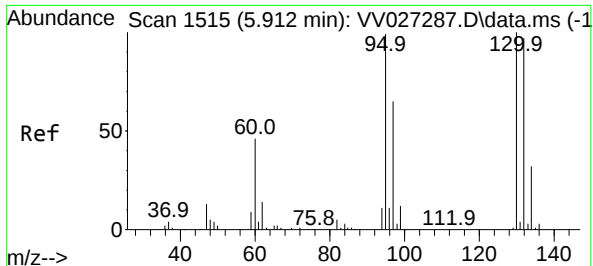
Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Tgt Ion: 78 Resp: 1243263





#34

Trichloroethene

Concen: 19.583 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 301315

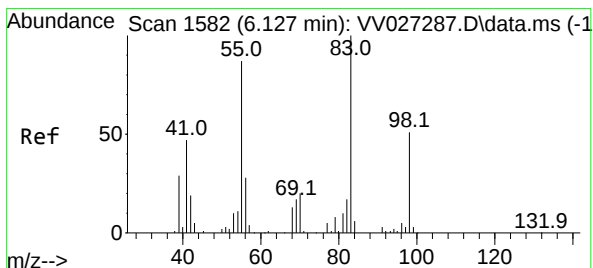
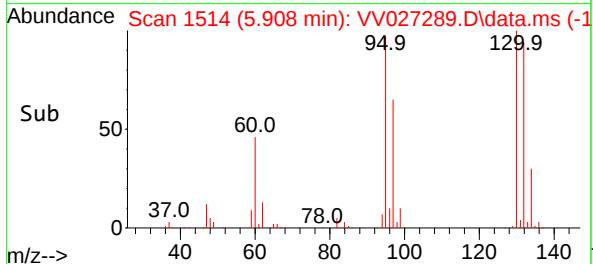
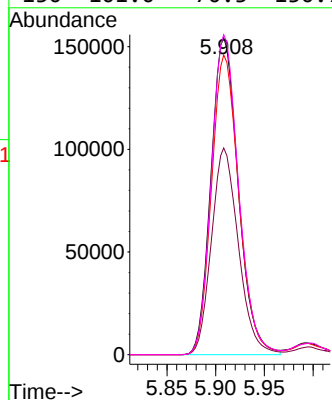
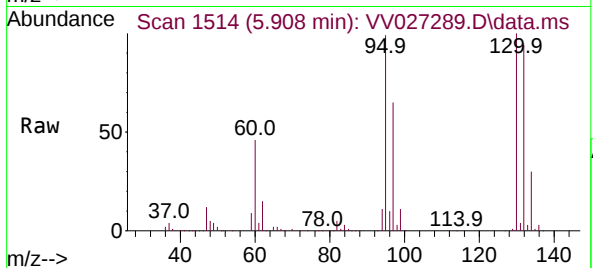
Ion Ratio Lower Upper

95 100

97 65.2 45.5 84.5

132 94.6 68.2 126.6

130 101.0 70.3 130.7



#35

Methylcyclohexane

Concen: 22.452 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

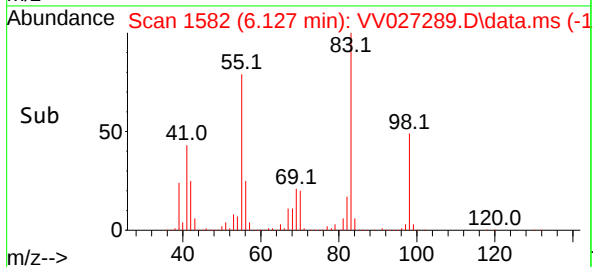
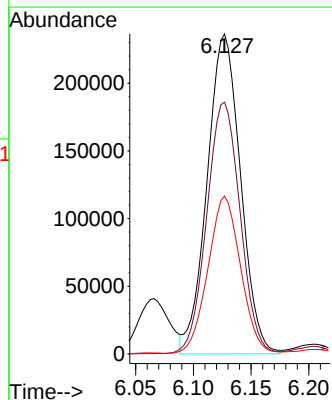
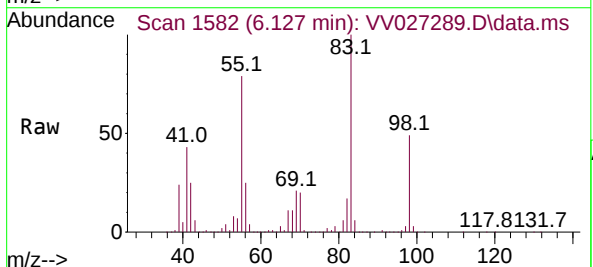
Tgt Ion: 83 Resp: 475634

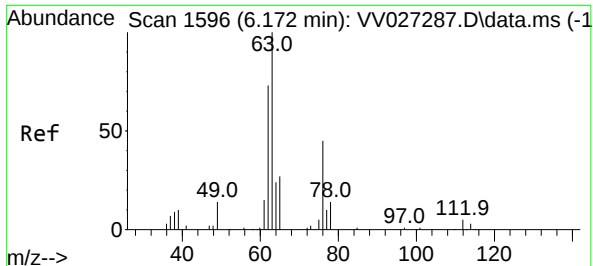
Ion Ratio Lower Upper

83 100

55 78.9 67.0 100.6

98 47.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 20.889 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

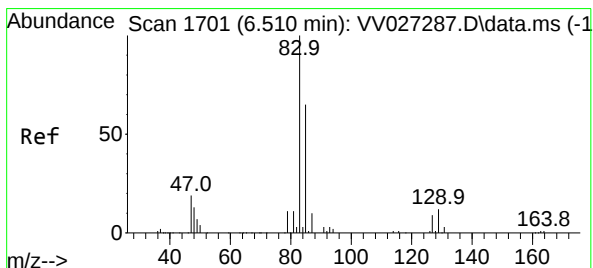
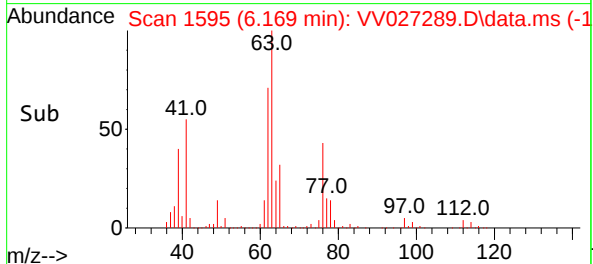
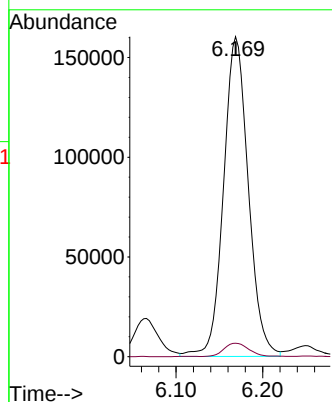
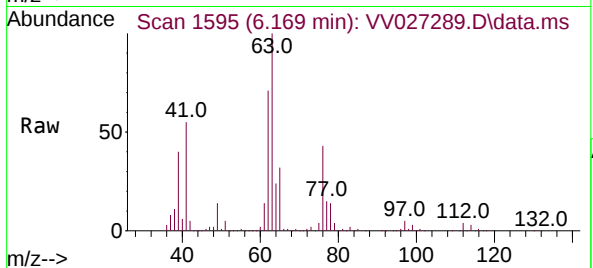
ClientSampleId :

Tgt Ion: 63 Resp: 319169

Ion Ratio Lower Upper

63 100

112 4.2 4.0 6.0



#38

Bromodichloromethane

Concen: 19.738 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.007 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

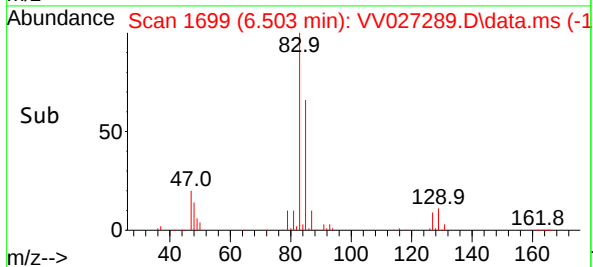
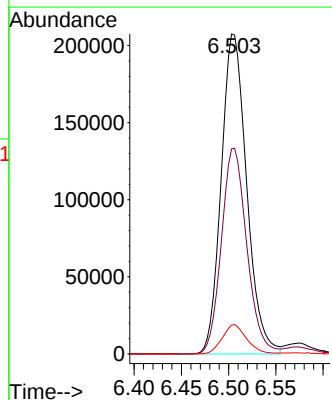
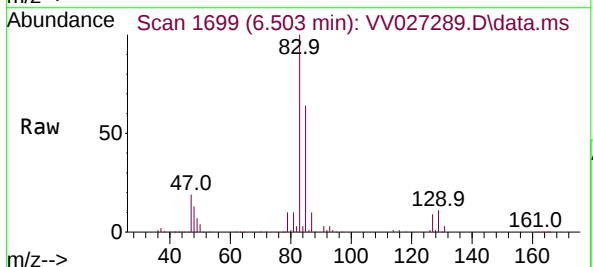
Tgt Ion: 83 Resp: 388670

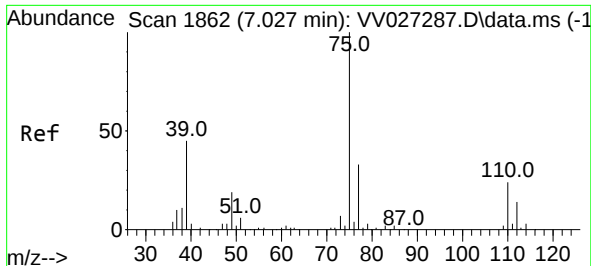
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 22.786 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

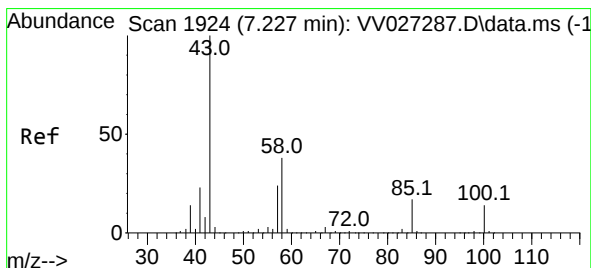
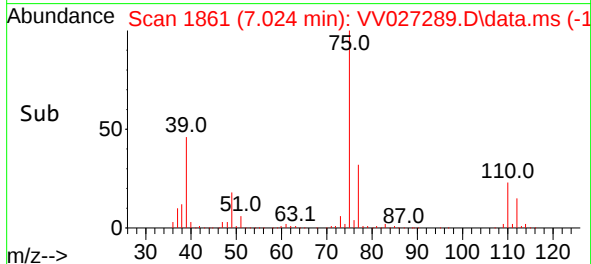
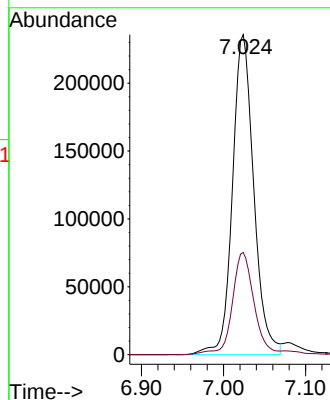
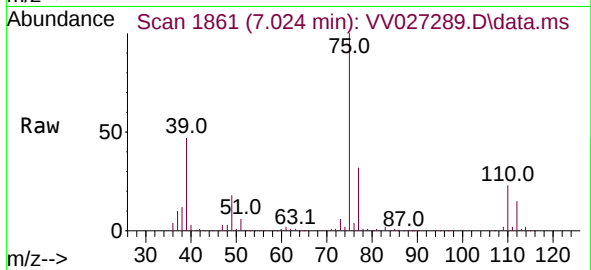
ClientSampleId :

Tgt Ion: 75 Resp: 425554

Ion Ratio Lower Upper

75 100

77 32.0 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 223.071 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

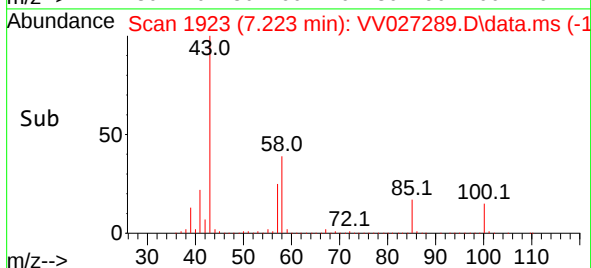
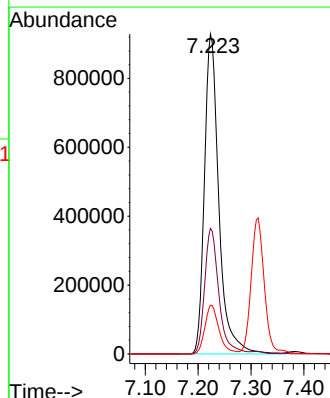
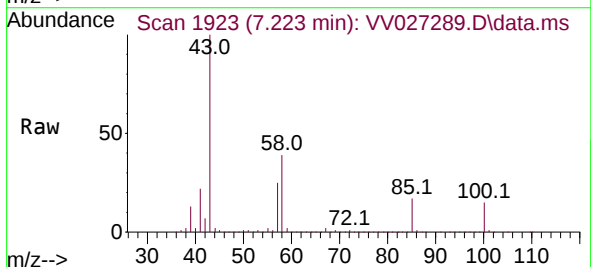
Tgt Ion: 43 Resp: 1758985

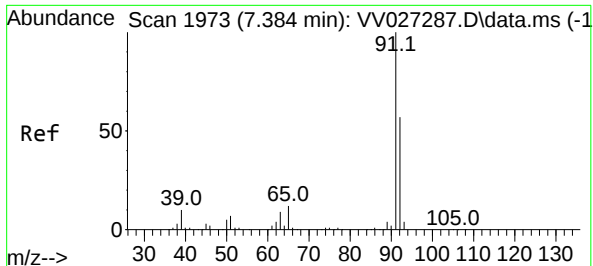
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 15.0 10.9 16.3

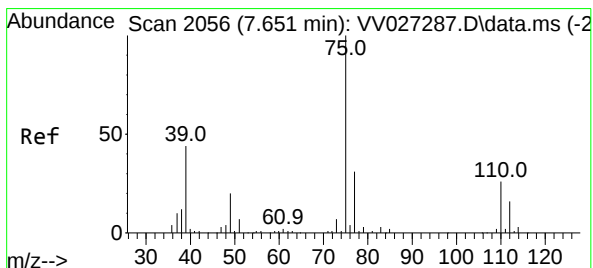
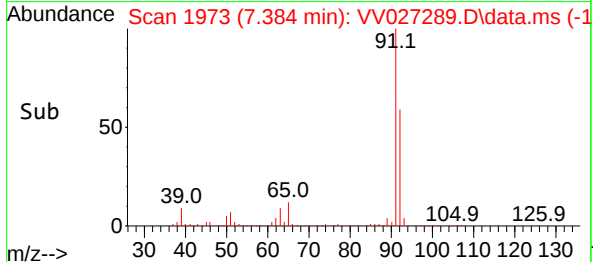
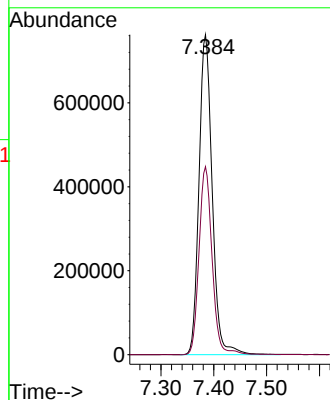
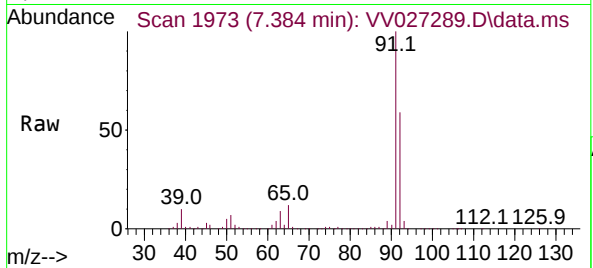




#42
Toluene
Concen: 21.402 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

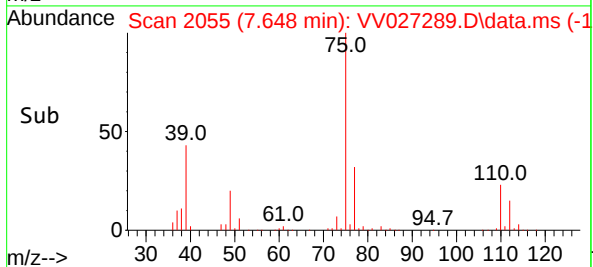
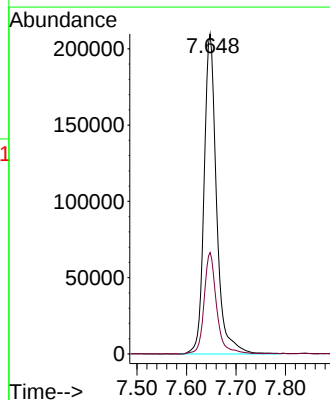
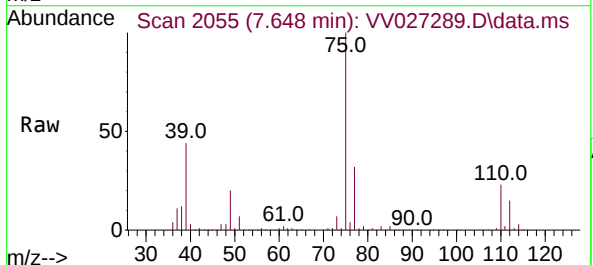
Instrument :
MSVOA_V
ClientSampleId :

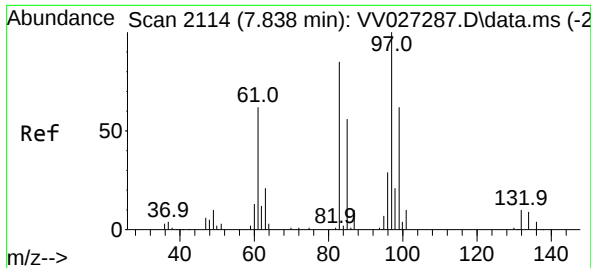
Tgt Ion: 91 Resp: 1319961
Ion Ratio Lower Upper
91 100
92 58.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 22.526 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 75 Resp: 368057
Ion Ratio Lower Upper
75 100
77 31.7 21.9 40.7



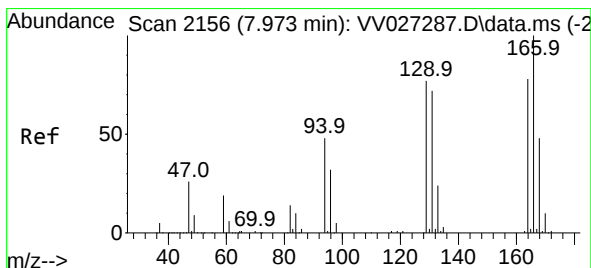
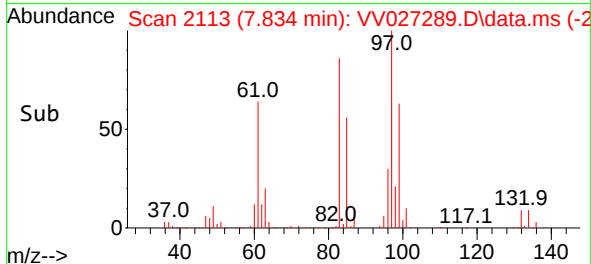
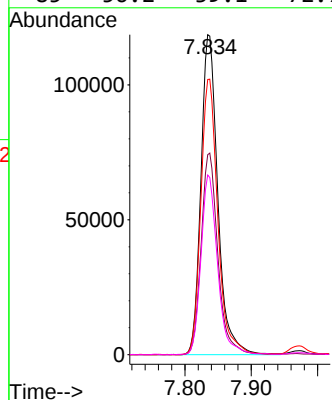
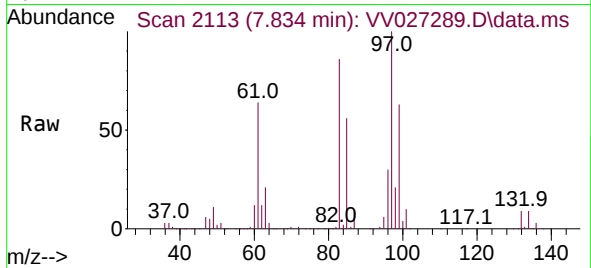


#45
1,1,2-Trichloroethane
Concen: 19.311 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 210366

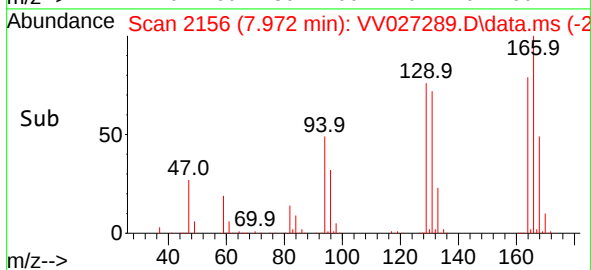
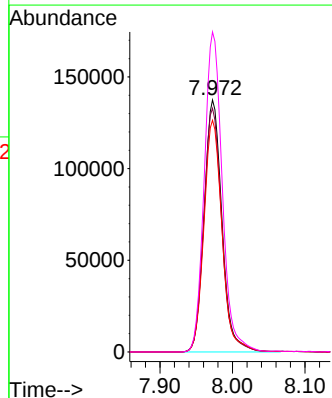
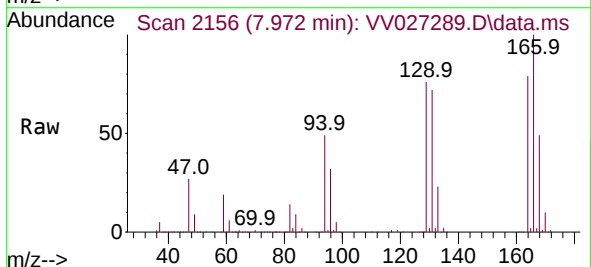
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	86.0	59.8	111.0
85	56.2	39.1	72.7

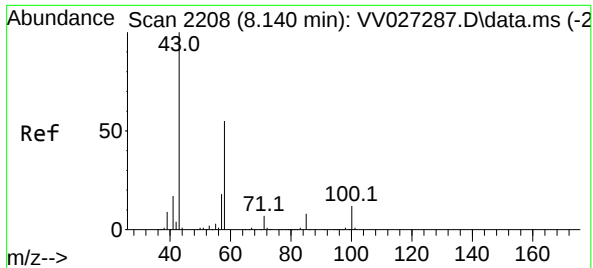


#47
Tetrachloroethene
Concen: 19.532 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 164 Resp: 236017

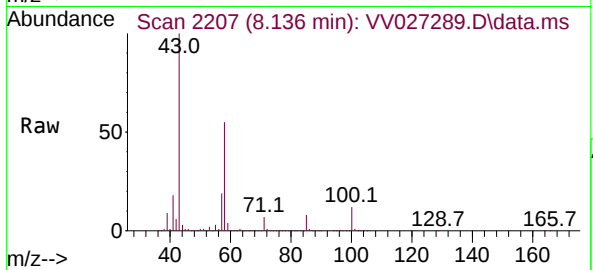
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.0	128.1
131	92.0	64.7	120.1
166	127.0	89.4	166.0





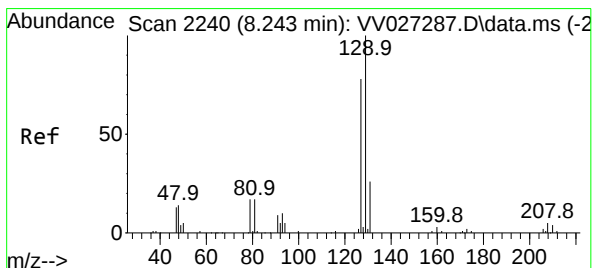
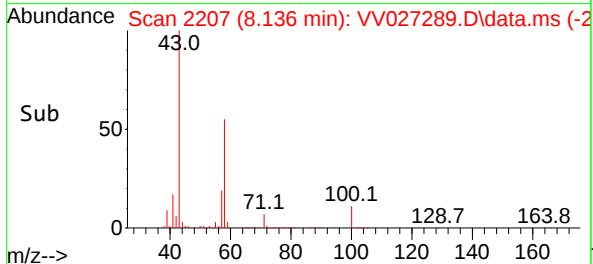
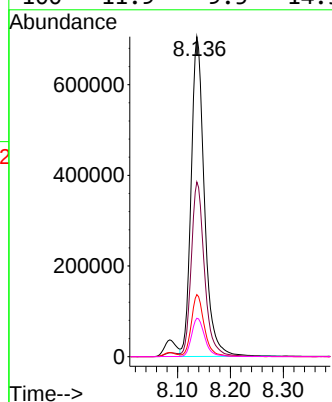
#48
2-Hexanone
Concen: 221.790 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1231548

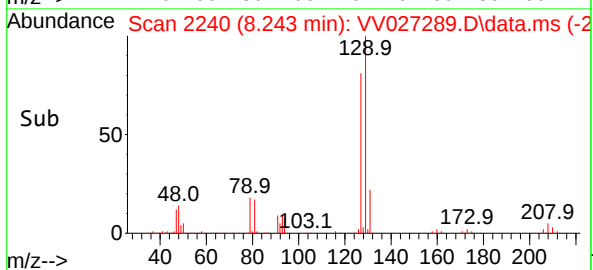
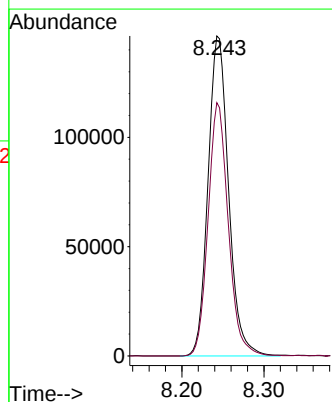
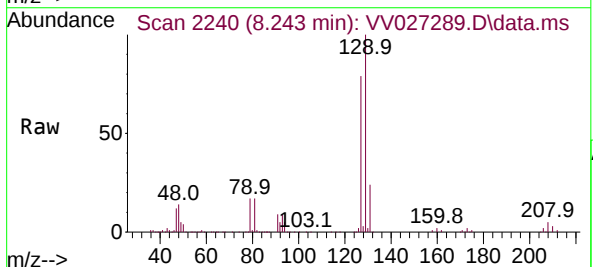
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.8	64.2
57	18.9	15.2	22.8
100	11.9	9.5	14.3

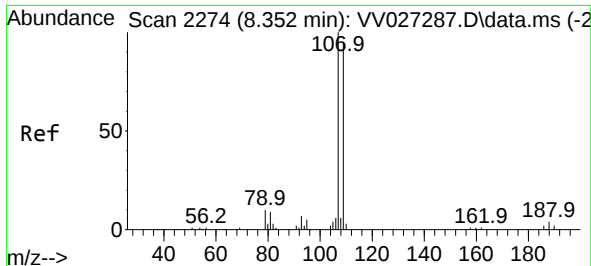


#49
Dibromochloromethane
Concen: 19.961 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 129 Resp: 254532

Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.5	101.3





#50

1,2-Dibromoethane

Concen: 19.962 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

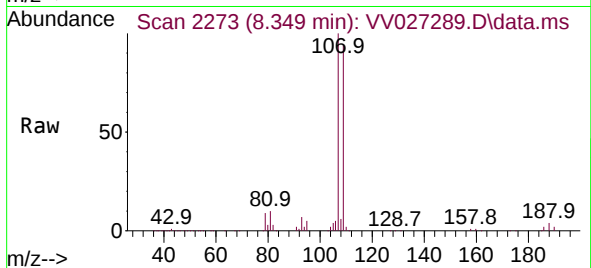
Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :



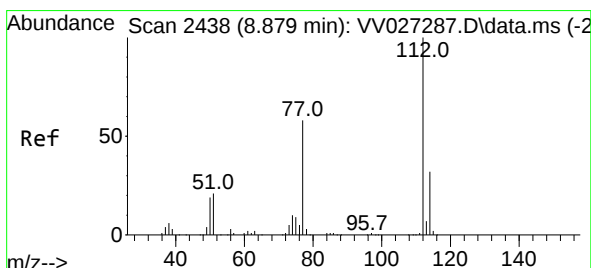
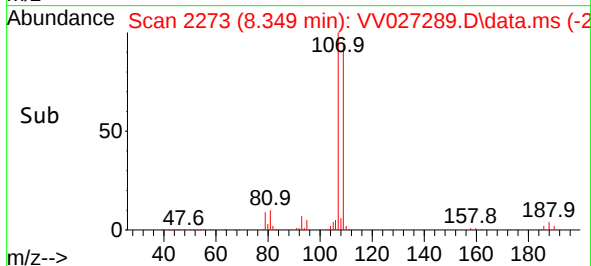
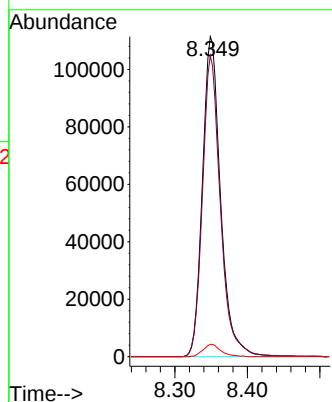
Tgt Ion:107 Resp: 193331

Ion Ratio Lower Upper

107 100

109 94.0 66.1 122.8

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 20.125 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

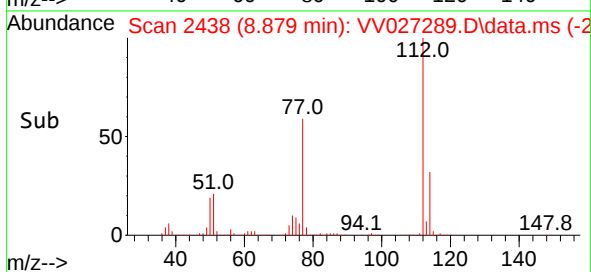
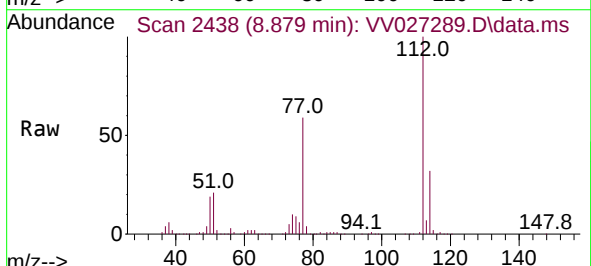
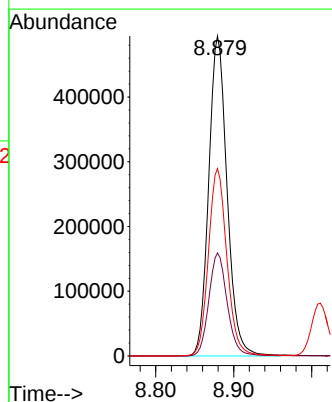
Tgt Ion:112 Resp: 808484

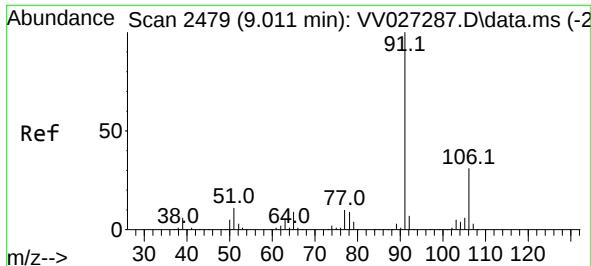
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.9

77 58.6 46.4 69.6





#52

Ethylbenzene

Concen: 22.390 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

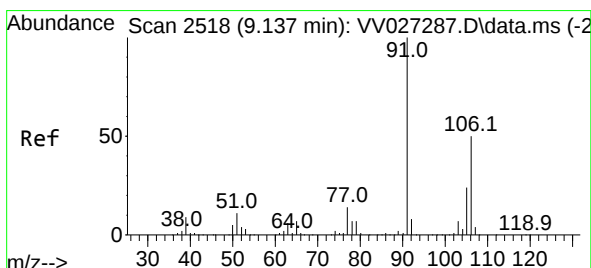
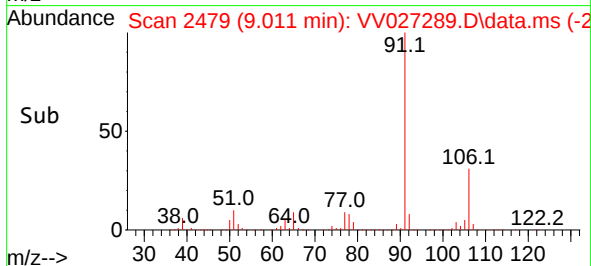
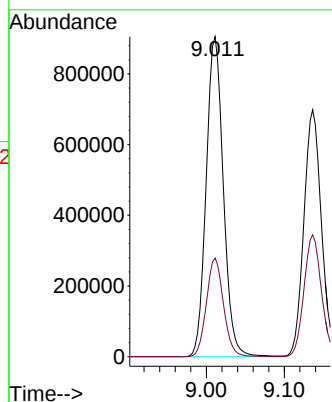
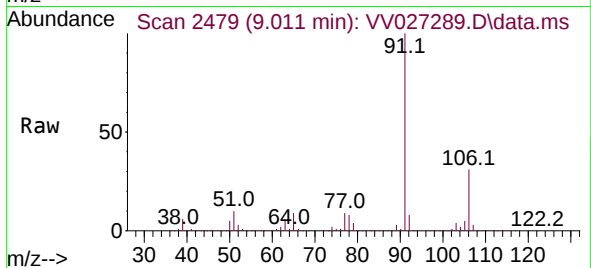
ClientSampleId :

Tgt Ion: 91 Resp: 1387496

Ion Ratio Lower Upper

91 100

106 30.8 21.5 39.9



#53

m,p-Xylene

Concen: 22.925 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027289.D

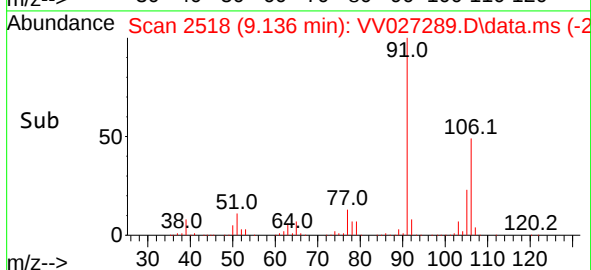
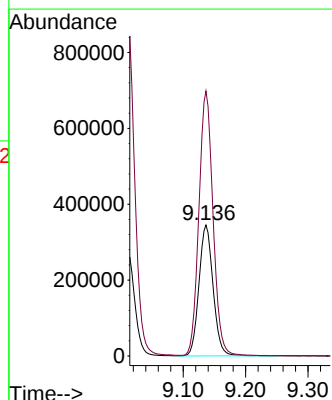
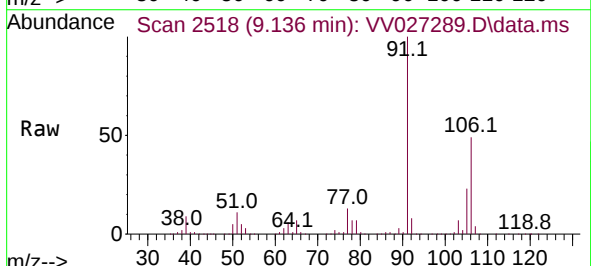
Acq: 11 Aug 2022 19:12

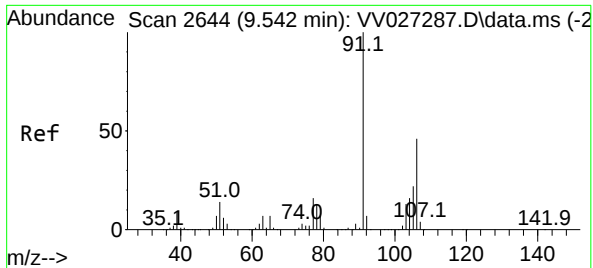
Tgt Ion: 106 Resp: 541808

Ion Ratio Lower Upper

106 100

91 202.5 141.5 262.9

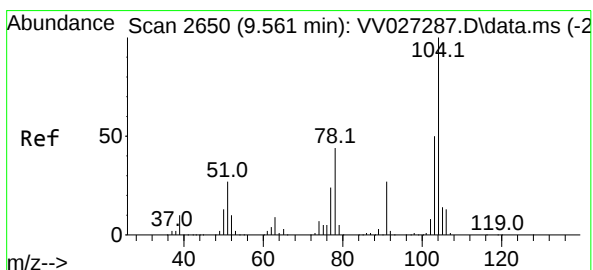
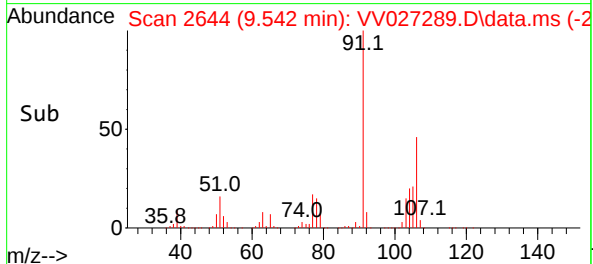
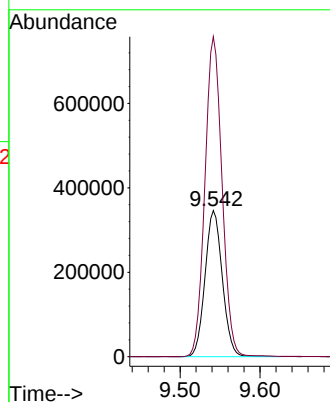
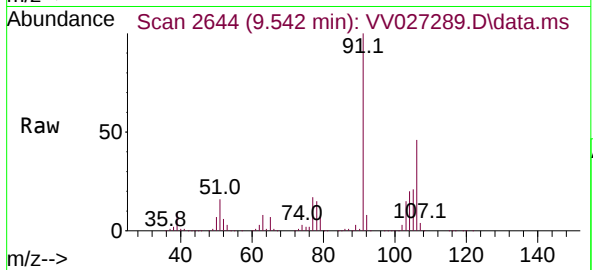




#54
o-Xylene
Concen: 22.538 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

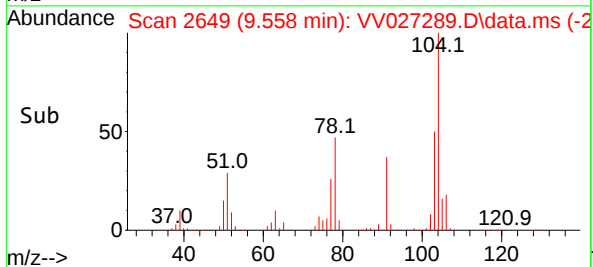
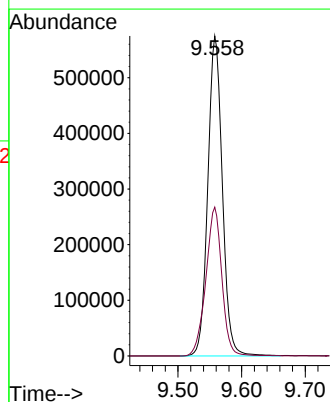
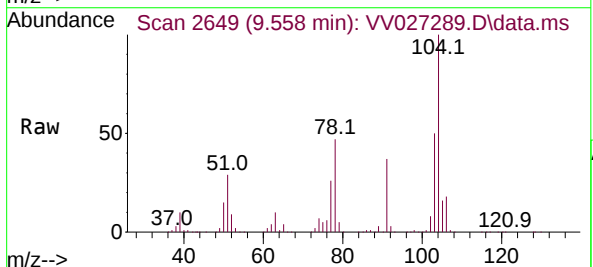
Instrument :
MSVOA_V
ClientSampleId :

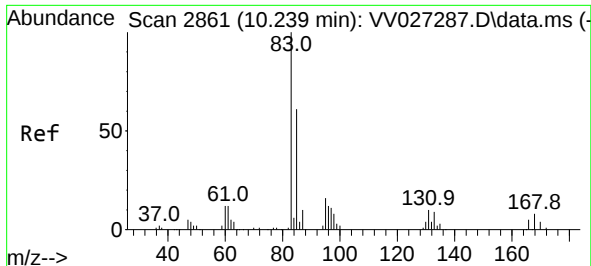
Tgt Ion:106 Resp: 521016
Ion Ratio Lower Upper
106 100
91 219.1 153.2 284.4



#55
Styrene
Concen: 22.937 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion:104 Resp: 911766
Ion Ratio Lower Upper
104 100
78 46.5 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 19.578 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

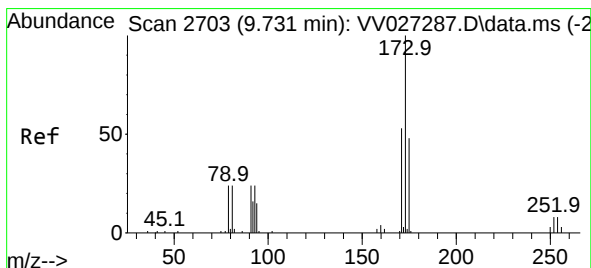
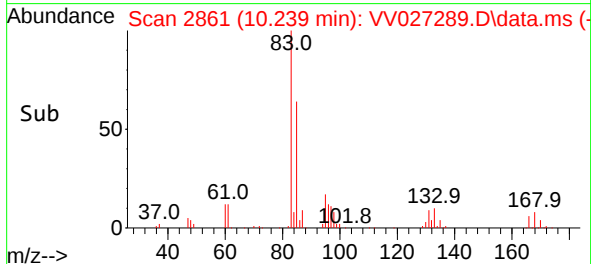
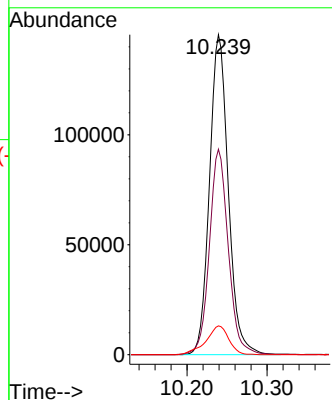
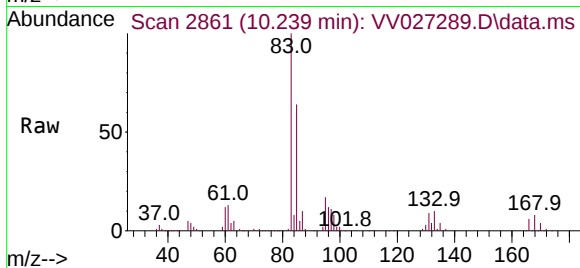
Tgt Ion: 83 Resp: 237725

Ion Ratio Lower Upper

83 100

85 64.2 43.3 80.3

131 9.0 7.7 11.5



#59

Bromoform

Concen: 18.960 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

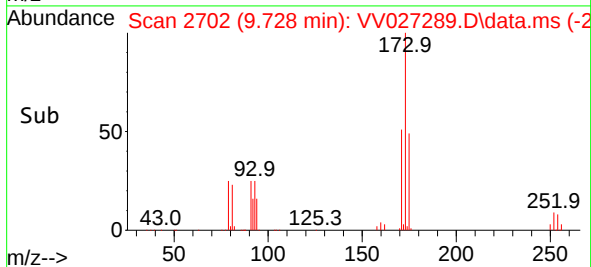
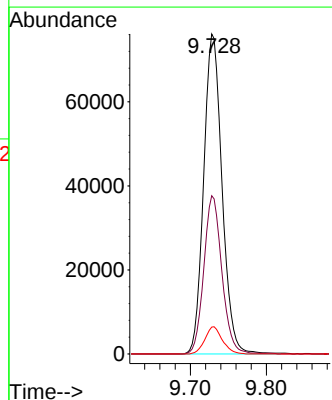
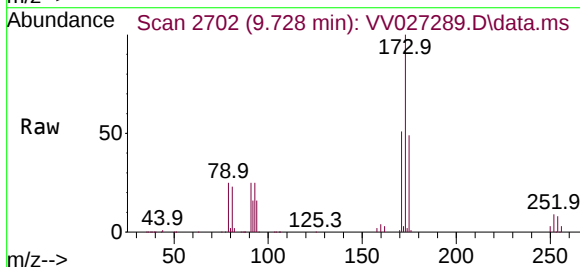
Tgt Ion: 173 Resp: 127823

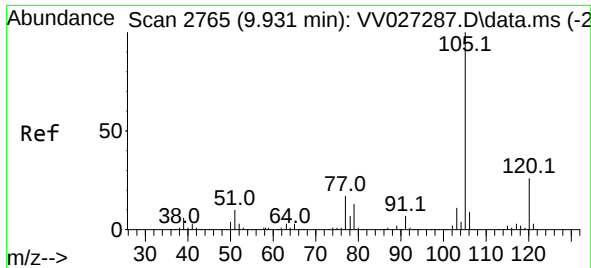
Ion Ratio Lower Upper

173 100

175 48.5 38.2 57.2

254 8.1 6.5 9.7

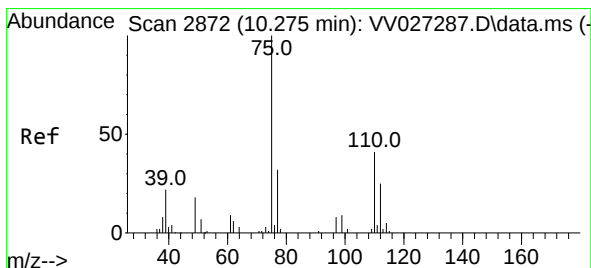
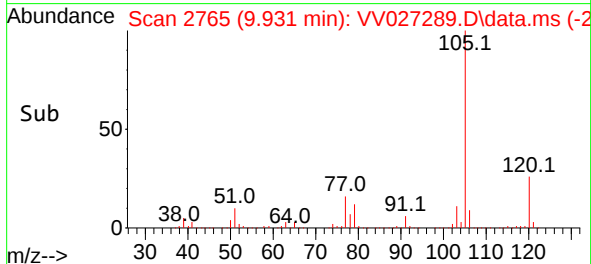
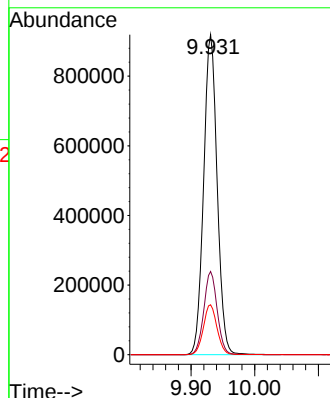
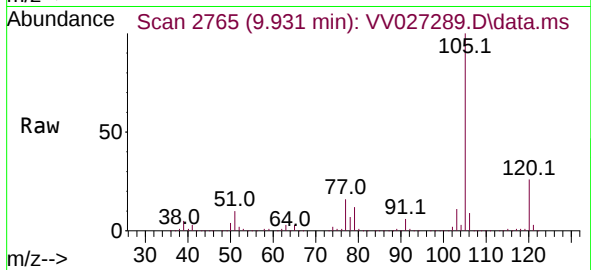




#60
Isopropylbenzene
Concen: 21.534 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

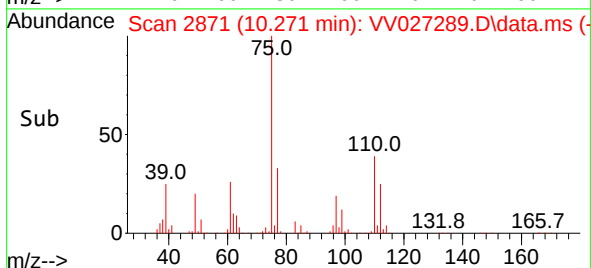
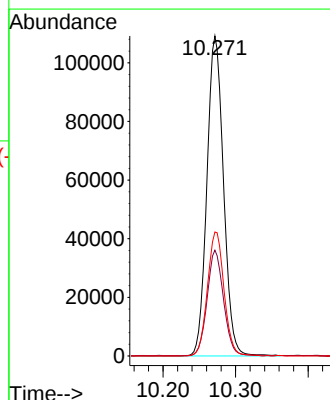
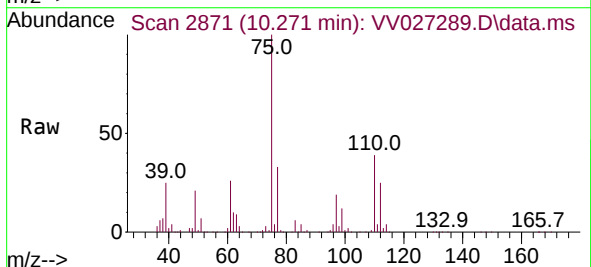
Instrument :
MSVOA_V
ClientSampleId :

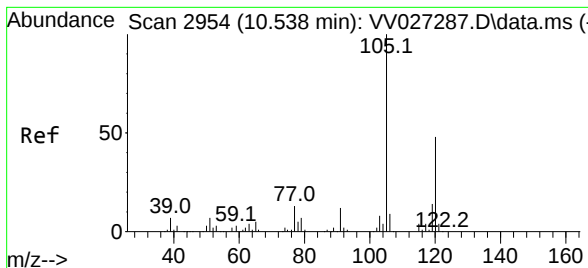
Tgt Ion:105 Resp: 1355957
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 18.015 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 75 Resp: 173466
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 38.8 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 21.586 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

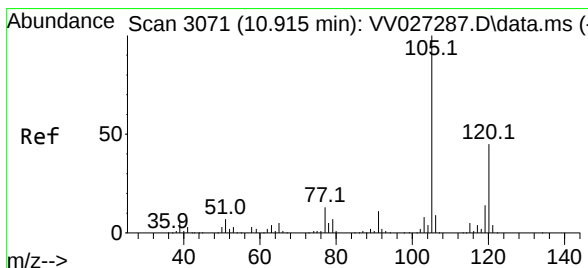
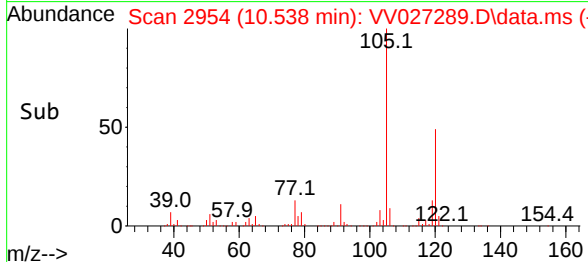
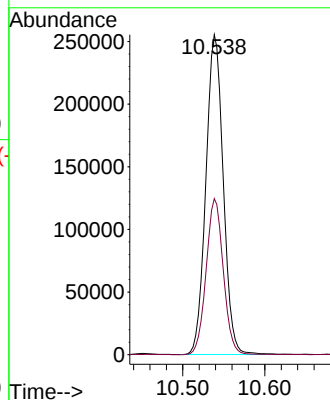
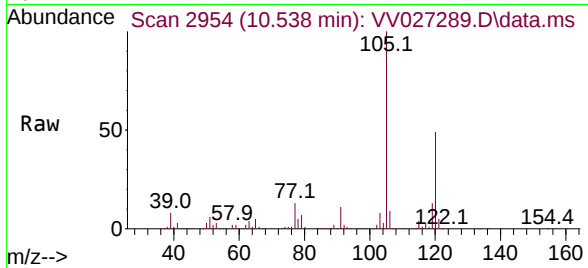
ClientSampleId :

Tgt Ion:105 Resp: 375679

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 23.219 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV027289.D

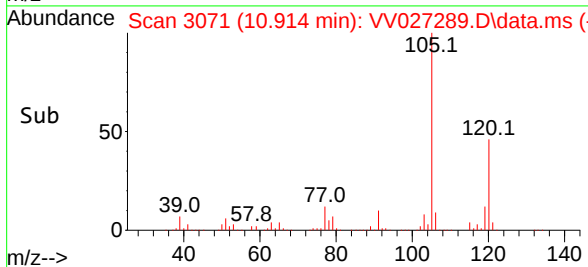
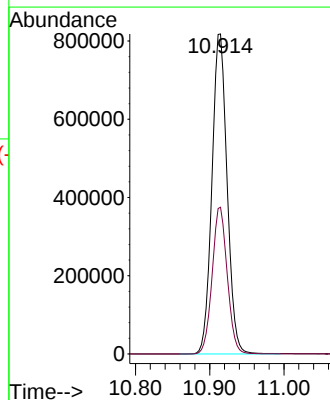
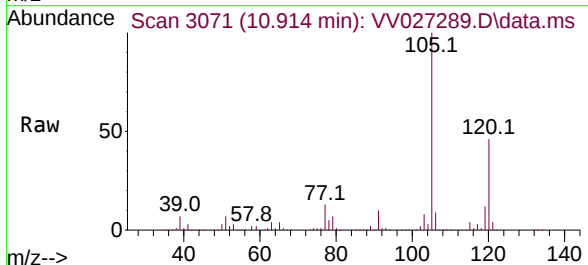
Acq: 11 Aug 2022 19:12

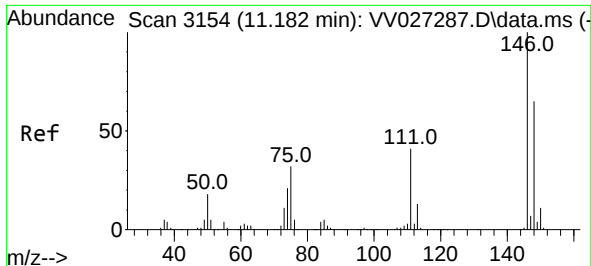
Tgt Ion:105 Resp: 1158472

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 19.981 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

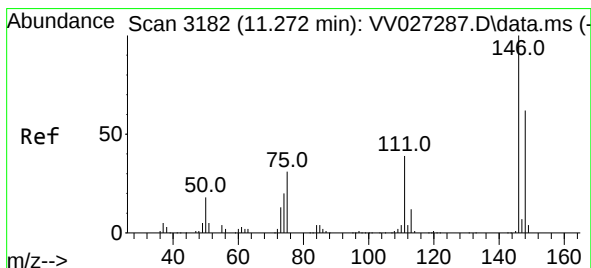
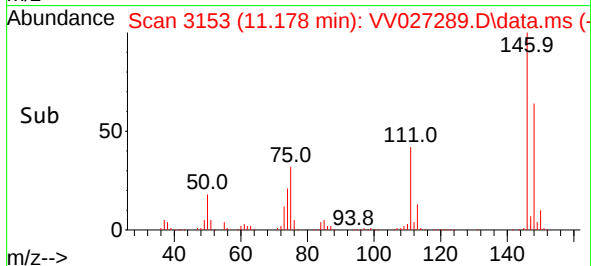
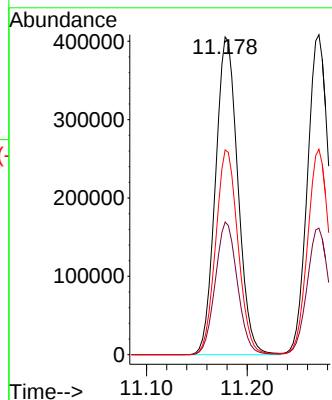
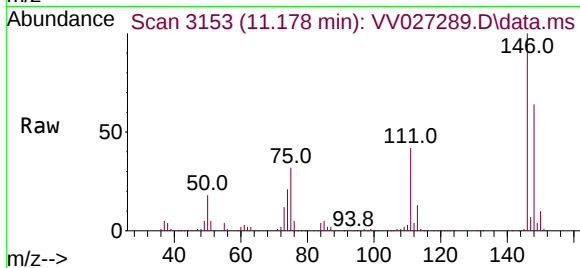
Tgt Ion:146 Resp: 628716

Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.4

148 64.5 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 19.739 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

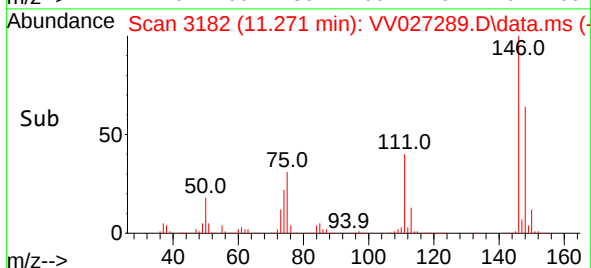
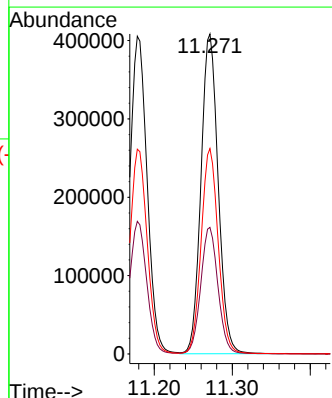
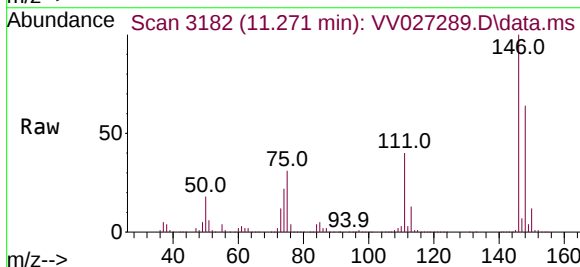
Tgt Ion:146 Resp: 624981

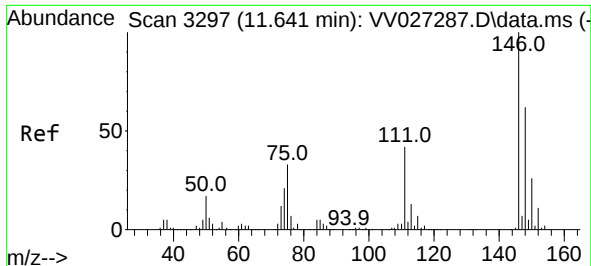
Ion Ratio Lower Upper

146 100

111 39.6 27.4 51.0

148 64.2 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 19.833 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

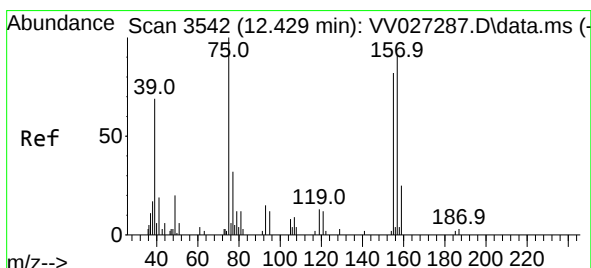
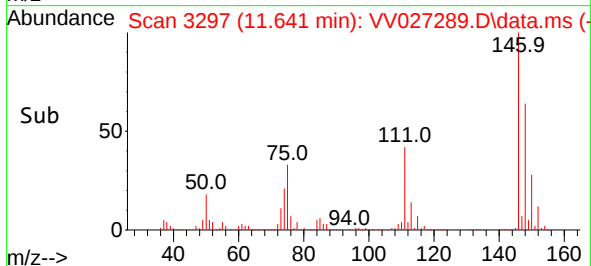
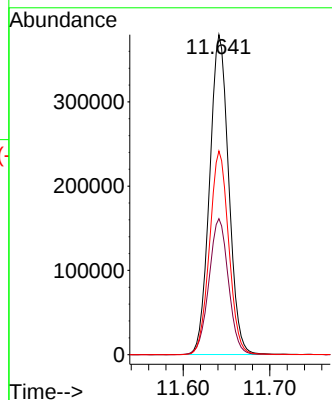
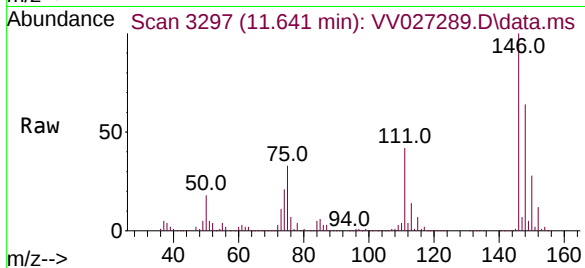
Tgt Ion:146 Resp: 581154

Ion Ratio Lower Upper

146 100

111 42.5 33.2 49.8

148 63.7 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 19.000 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV027289.D

Acq: 11 Aug 2022 19:12

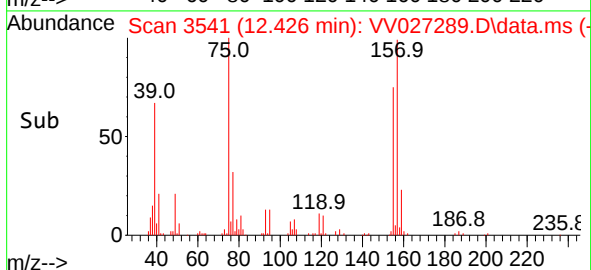
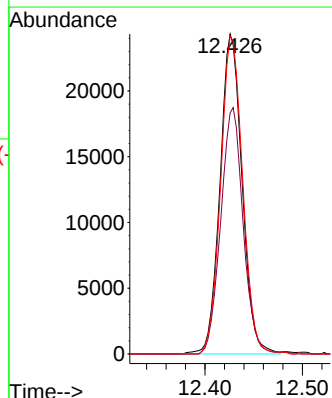
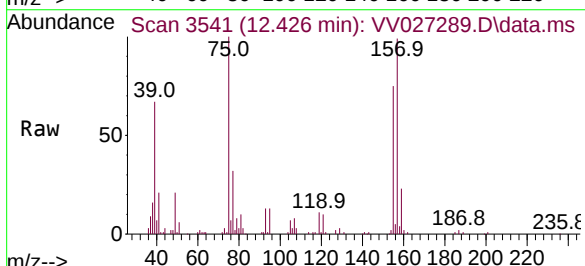
Tgt Ion: 75 Resp: 38218

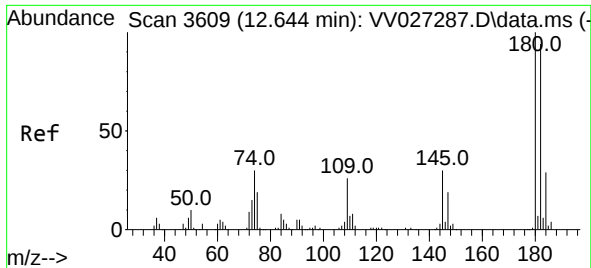
Ion Ratio Lower Upper

75 100

155 75.3 65.8 98.6

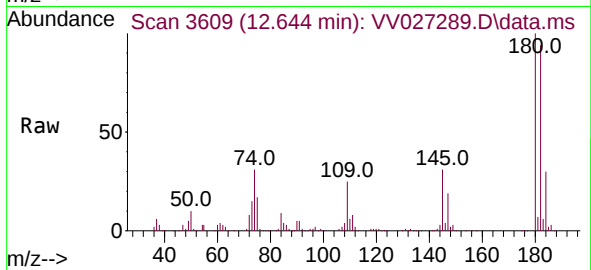
157 99.4 73.0 109.4



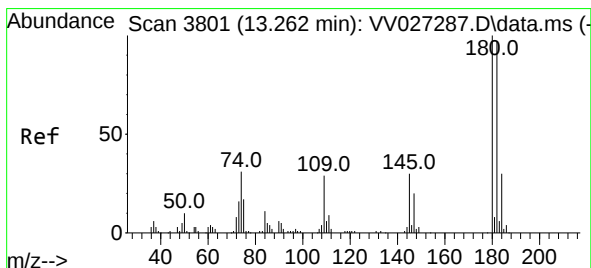
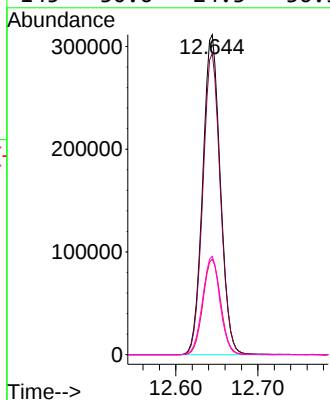
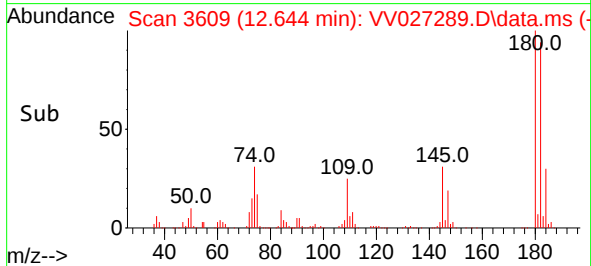


#69
 1,3,5-Trichlorobenzene
 Concen: 20.434 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

Instrument :
 MSVOA_V
 ClientSampleId :

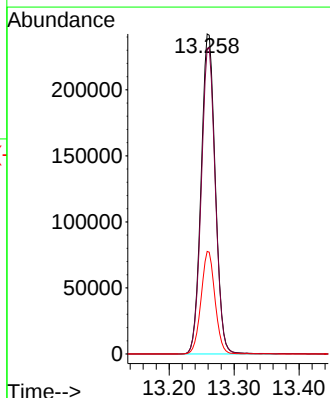
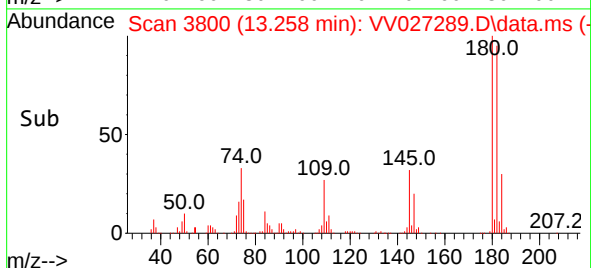
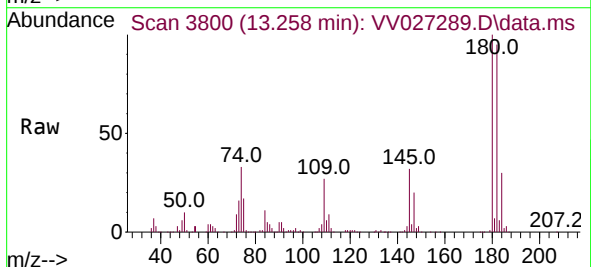


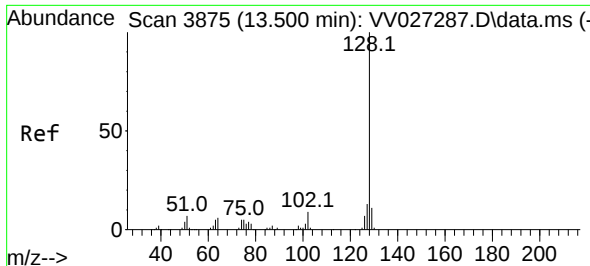
Tgt	Ion:180	Resp:	463645
Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.7	112.1
184	30.1	23.3	34.9
145	30.6	24.3	36.5



#70
 1,2,4-trichlorobenzene
 Concen: 21.694 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027289.D
 Acq: 11 Aug 2022 19:12

Tgt Ion:180	Resp:	367833	
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.0
145	31.5	24.9	37.3

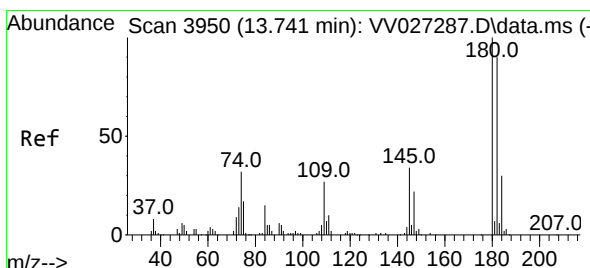
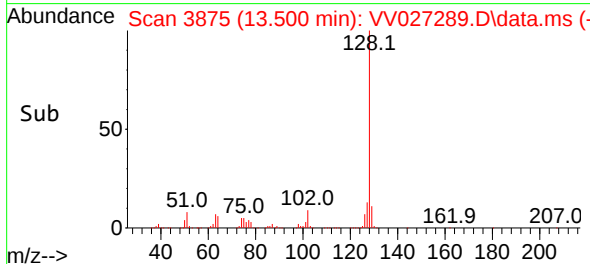
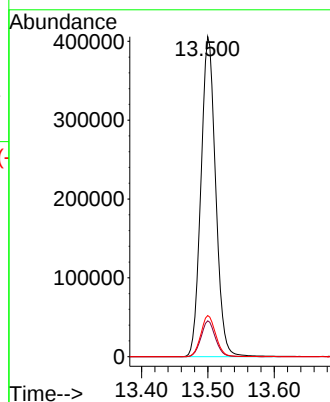
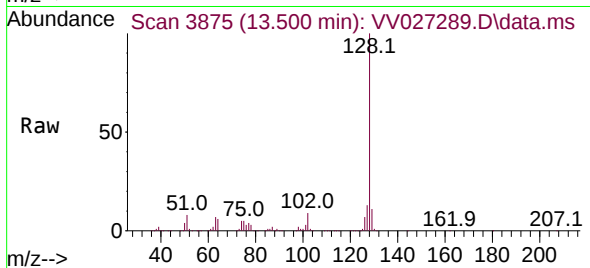




#71
Naphthalene
Concen: 23.929 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 626918
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 21.771 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027289.D
Acq: 11 Aug 2022 19:12

Tgt Ion:180 Resp: 344091
Ion Ratio Lower Upper
180 100
182 96.1 73.8 110.6
145 33.7 27.0 40.4

