

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027291.D
 Acq On : 11 Aug 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 02:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.616	114	182680	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.850	117	184343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.249	152	98430	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.301	65	83956	5.290	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	=	105.800%	
7) Chloroethane-d5		1.561	69	56194	4.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2		2.101	63	145759	5.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	=	101.200%	
20) 2-Butanone-d5		3.886	46	122341	45.515	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	=	91.040%	
24) Chloroform-d		4.345	84	144154	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4		5.030	65	68146	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	98.200%	
32) Benzene-d6		5.046	84	276540	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6		6.066	67	84438	5.022	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	=	100.400%	
41) Toluene-d8		7.313	98	268656	5.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	108.000%	
43) trans-1,3-Dichloroprop...		7.622	79	27873	4.786	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	=	95.800%	
46) 2-Hexanone-d5		8.088	63	118783	52.701	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	=	105.400%	
56) 1,1,2,2-Tetrachloroeth...		10.217	84	59632	4.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4		11.625	152	84807	4.992	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	=	99.800%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.127	85	110556	5.093	ug/L	99
3) Chloromethane		1.236	50	103650	4.773	ug/L	100
5) Vinyl chloride		1.307	62	100880	4.981	ug/L	97
6) Bromomethane		1.516	94	46745	4.943	ug/L	97
8) Chloroethane		1.580	64	53500	4.751	ug/L	99
9) Trichlorofluoromethane		1.748	101	136379	5.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.111	101	63317	4.986	ug/L	98
12) 1,1-Dichloroethene		2.111	96	64234	4.883	ug/L	96
13) Acetone		2.166	43	62973	31.704	ug/L	93
14) Carbon disulfide		2.288	76	257905	4.896	ug/L	99
15) Methyl Acetate		2.432	43	22542	4.661	ug/L	92
16) Methylene chloride		2.500	84	85476	4.046	ug/L	99
17) Methyl tert-butyl Ether		2.767	73	145337	4.733	ug/L	100
18) trans-1,2-Dichloroethene		2.754	96	79003	4.883	ug/L	99
19) 1,1-Dichloroethane		3.185	63	147483	4.761	ug/L	98
21) 2-Butanone		3.969	43	115062	42.543	ug/L	99
22) cis-1,2-Dichloroethene		3.908	96	75594	4.751	ug/L	97
23) Bromochloromethane		4.243	128	35529	4.777	ug/L	97
25) Chloroform		4.371	83	153302	4.816	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027291.D
 Acq On : 11 Aug 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 02:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration

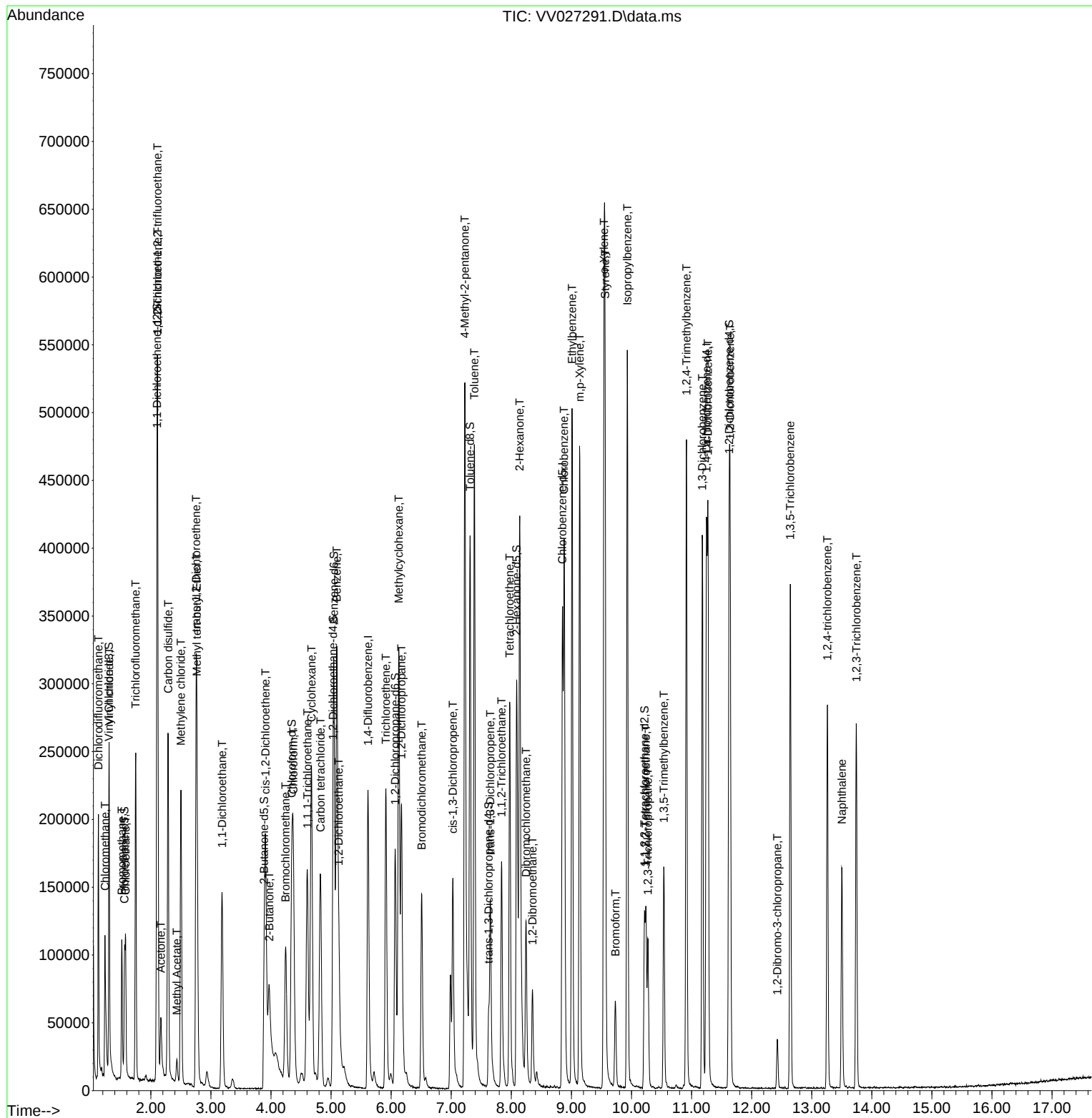
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81456	4.478	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	130638	5.036	ug/L	100
30) Cyclohexane	4.673	56	116797	5.557	ug/L	98
31) Carbon tetrachloride	4.825	117	115086	5.098	ug/L	99
33) Benzene	5.095	78	317521	5.039	ug/L	100
34) Trichloroethene	5.911	95	77243	4.925	ug/L	97
35) Methylcyclohexane	6.127	83	120699	5.590	ug/L	97
37) 1,2-Dichloropropane	6.172	63	81084	5.207	ug/L	99
38) Bromodichloromethane	6.509	83	96708	4.818	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	99435	5.224	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	415027	51.638	ug/L	100
42) Toluene	7.384	91	338720	5.388	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	83585	5.019	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	55467	4.996	ug/L	97
47) Tetrachloroethene	7.972	164	64814	5.262	ug/L	98
48) 2-Hexanone	8.140	43	304798	52.848	ug/L	99
49) Dibromochloromethane	8.246	129	63638	4.896	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48867	4.950	ug/L	98
51) Chlorobenzene	8.879	112	207199	5.060	ug/L	98
52) Ethylbenzene	9.011	91	334255	5.292	ug/L	99
53) m,p-Xylene	9.136	106	133823	5.555	ug/L	98
54) o-Xylene	9.541	106	123923	5.259	ug/L	100
55) Styrene	9.561	104	221399	5.464	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	60285	4.871	ug/L	95
59) Bromoform	9.731	173	30668	4.620	ug/L	99
60) Isopropylbenzene	9.930	105	330160	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	44583	4.703	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	85858	5.011	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	248376	5.056	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	160860	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	159327	5.111	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	145975	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	9408	4.751	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	110145	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	81894	4.906	ug/L	97
71) Naphthalene	13.503	128	126172	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	76345	4.906	ug/L	97

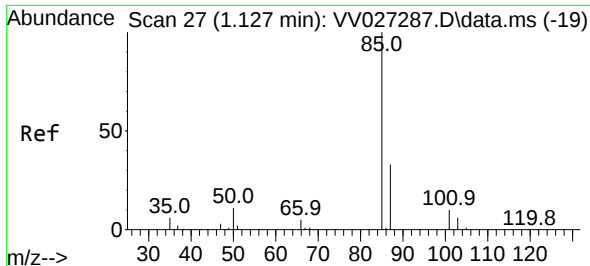
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027291.D
 Acq On : 11 Aug 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

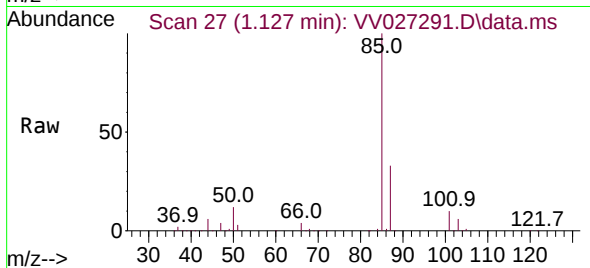
Quant Time: Aug 12 02:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration



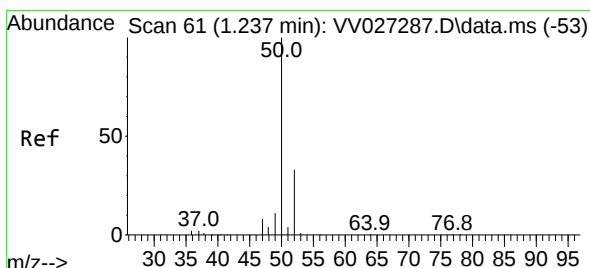
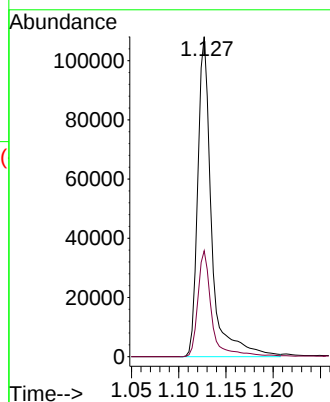
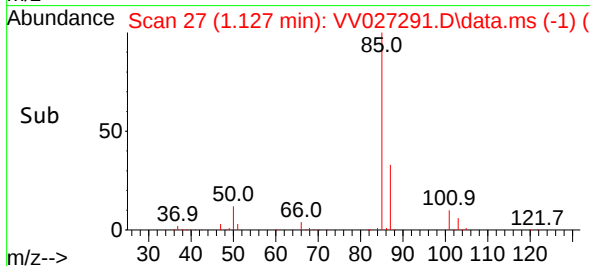


#2
 Dichlorodifluoromethane
 Concen: 5.093 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

Instrument :
 MSVOA_V
 ClientSampleId :

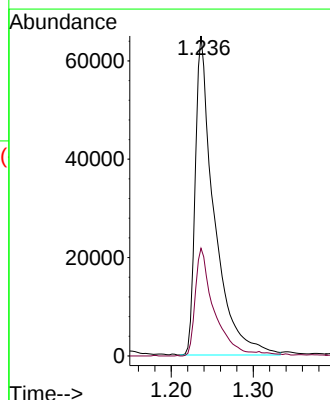
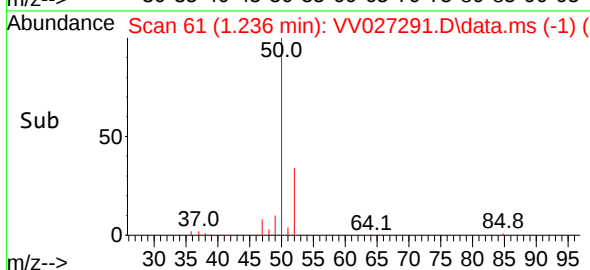
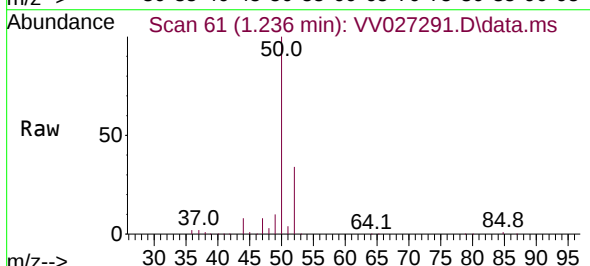


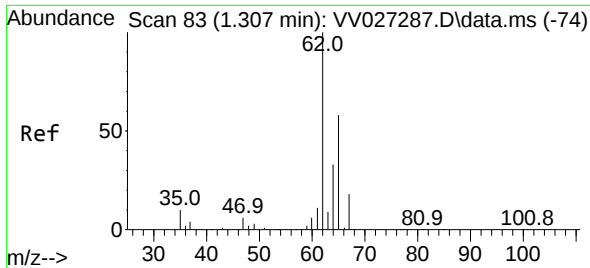
Tgt Ion: 85 Resp: 110556
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.773 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

Tgt Ion: 50 Resp: 103650
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.4

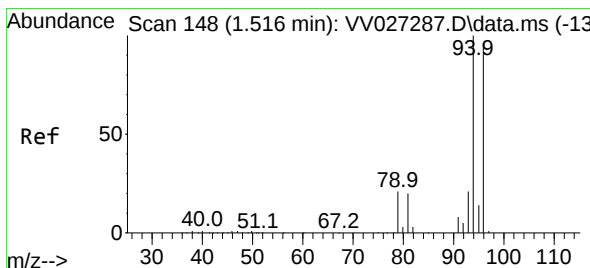
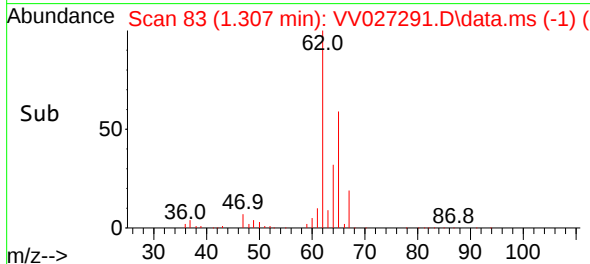
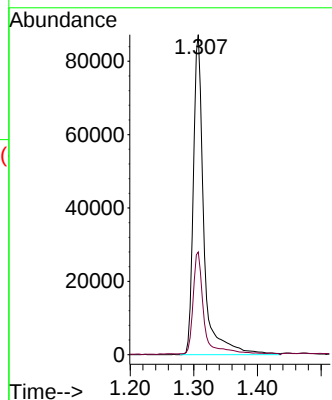
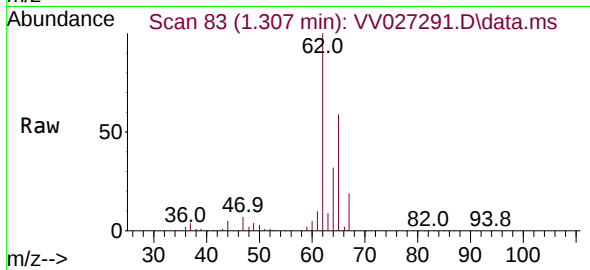




#5
 Vinyl chloride
 Concen: 4.981 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

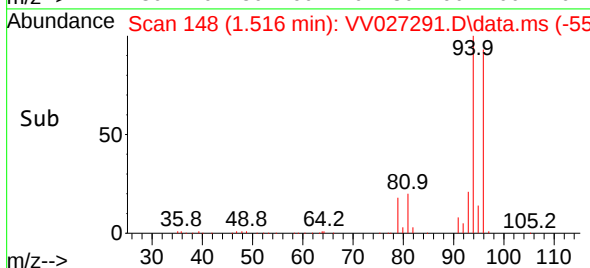
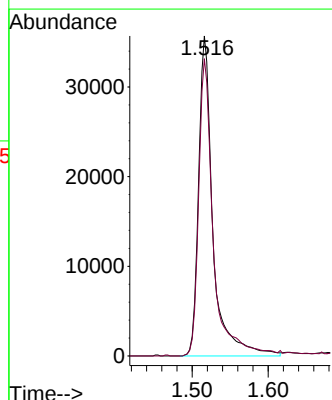
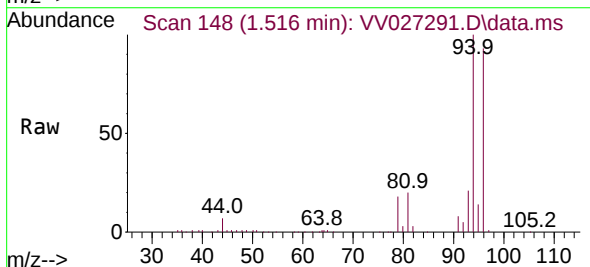
Instrument :
 MSVOA_V
 ClientSampleId :

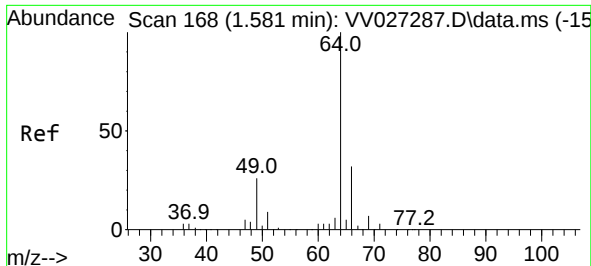
Tgt Ion: 62 Resp: 100880
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 44.1



#6
 Bromomethane
 Concen: 4.943 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

Tgt Ion: 94 Resp: 46745
 Ion Ratio Lower Upper
 94 100
 96 92.9 67.2 124.8

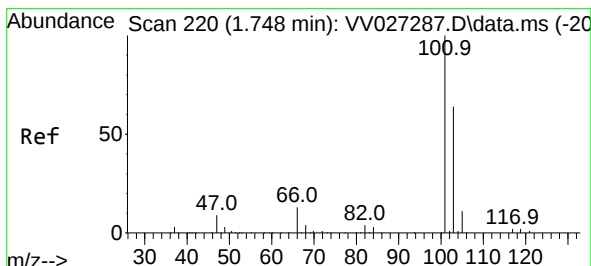
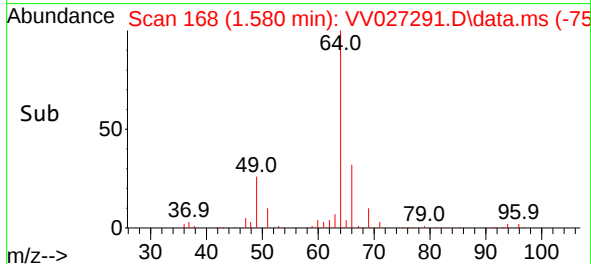
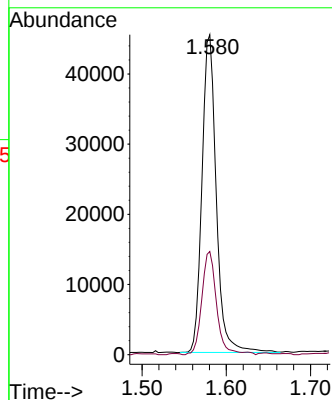
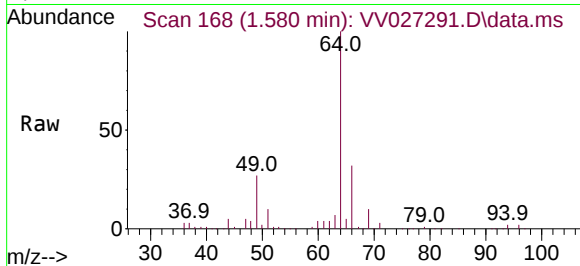




#8
Chloroethane
Concen: 4.751 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

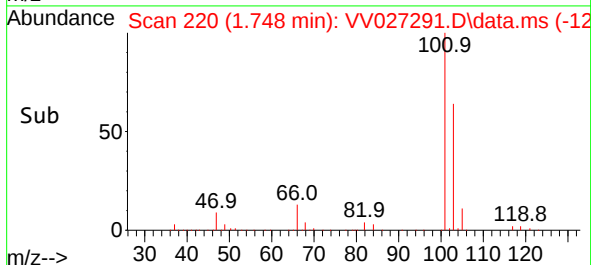
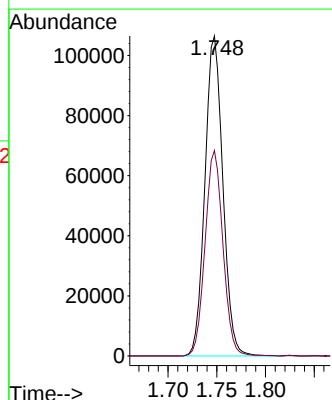
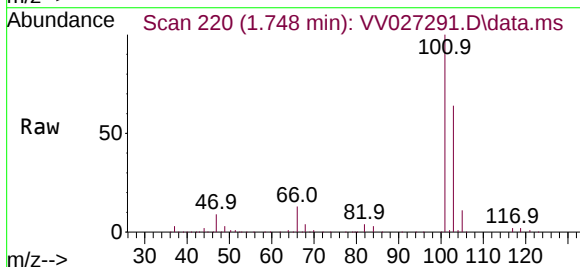
Instrument :
MSVOA_V
ClientSampleId :

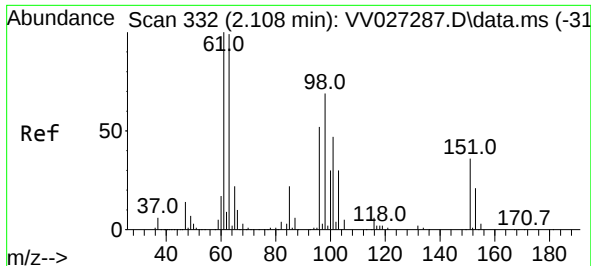
Tgt Ion: 64 Resp: 53500
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.043 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion:101 Resp: 136379
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

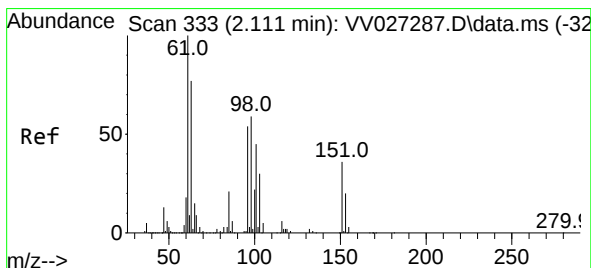
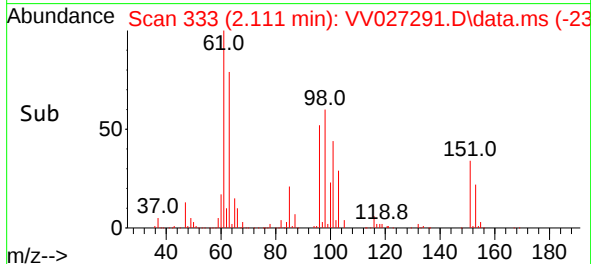
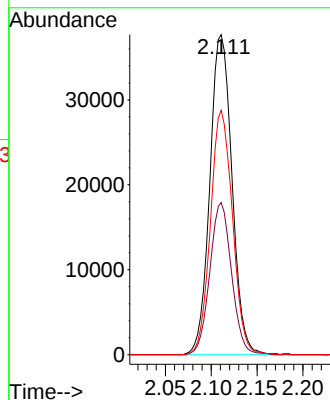
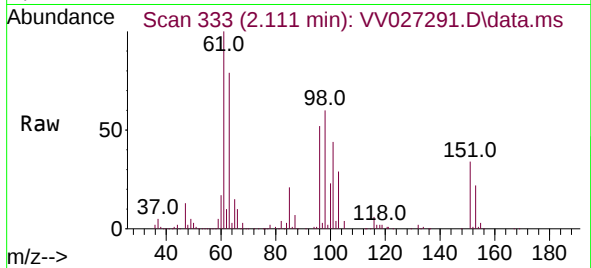




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.986 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

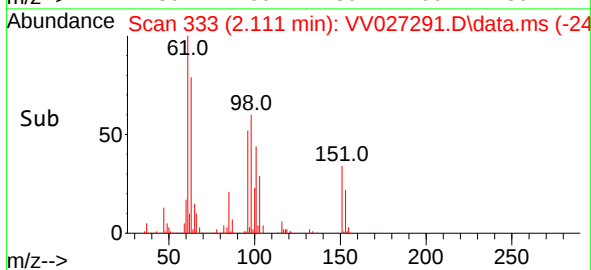
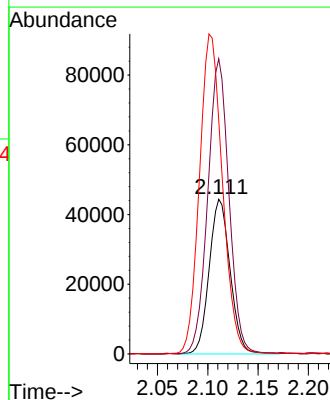
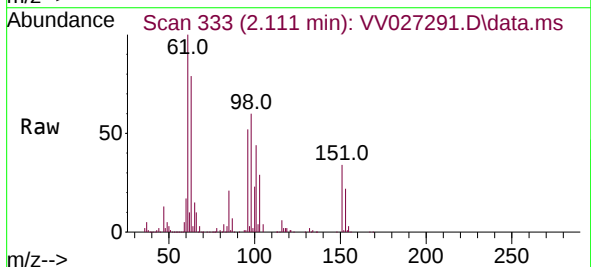
Instrument :
 MSVOA_V
 ClientSampleId :

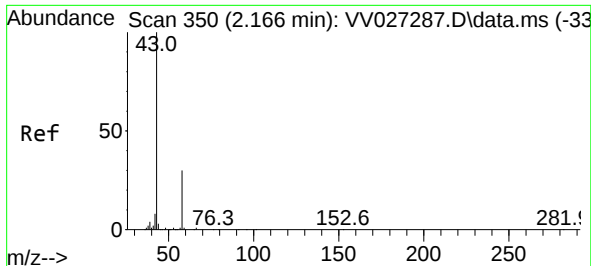
Tgt Ion:101 Resp: 63317
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.2 54.4
 151 76.0 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.883 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027291.D
 Acq: 11 Aug 2022 20:27

Tgt Ion: 96 Resp: 64234
 Ion Ratio Lower Upper
 96 100
 61 190.8 130.7 242.7
 63 150.9 101.4 188.2

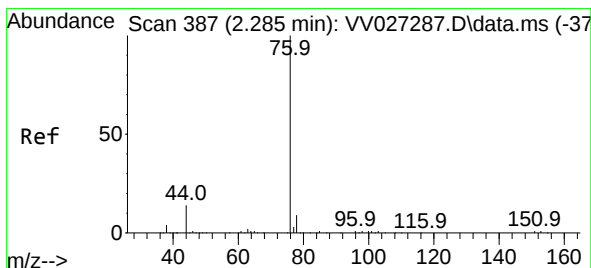
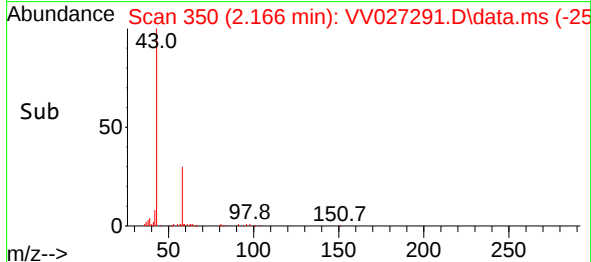
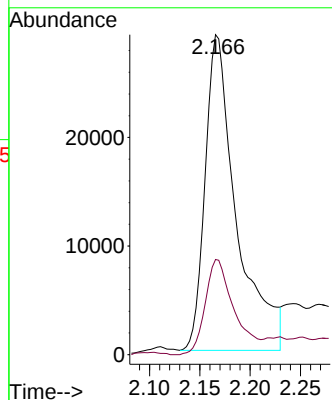
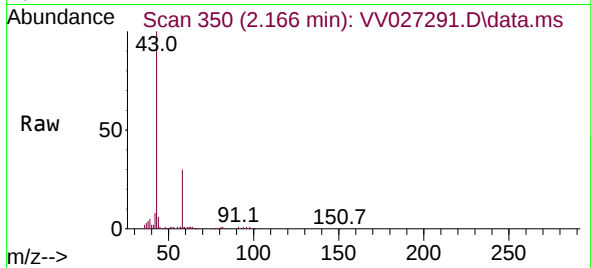




#13
Acetone
Concen: 31.704 ug/L
RT: 2.166 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

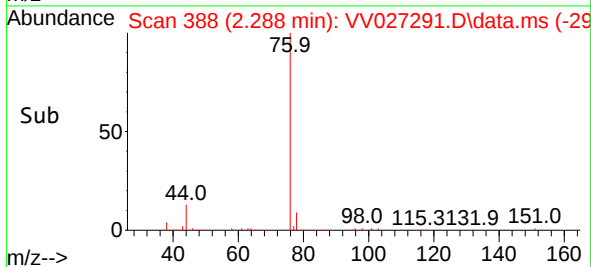
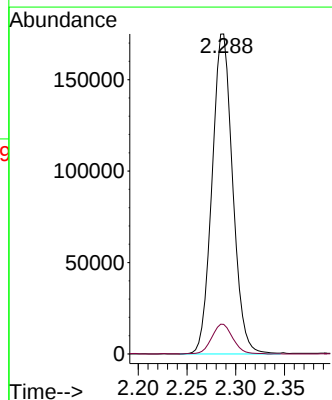
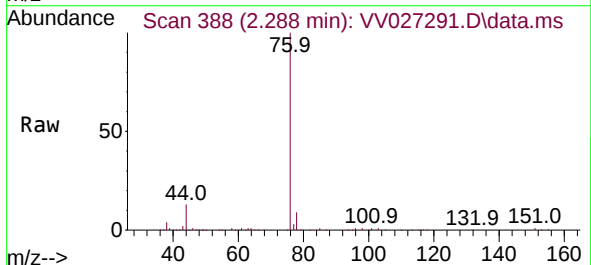
Instrument :
MSVOA_V
ClientSampleId :

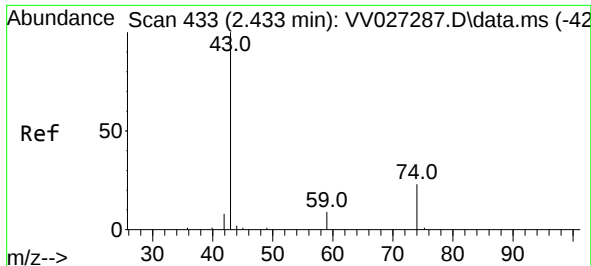
Tgt Ion: 43 Resp: 62973
Ion Ratio Lower Upper
43 100
58 27.9 0.0 63.2



#14
Carbon disulfide
Concen: 4.896 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 76 Resp: 257905
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

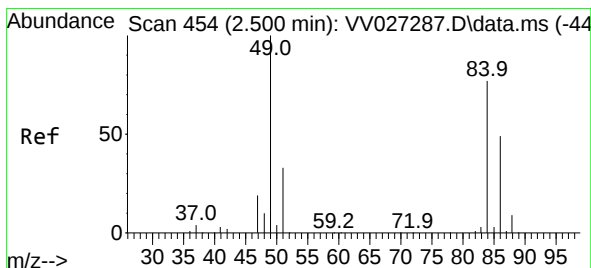
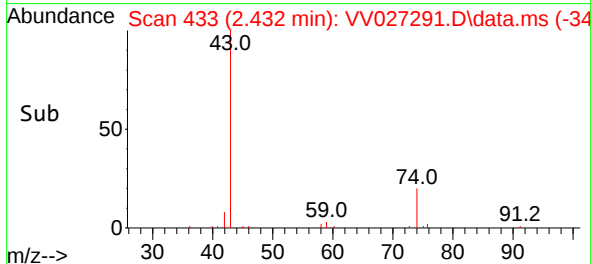
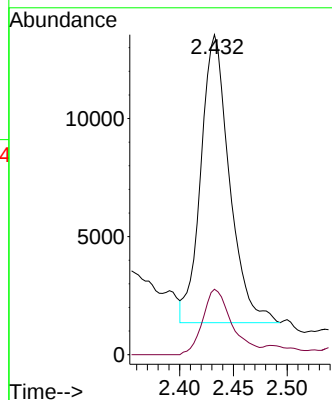
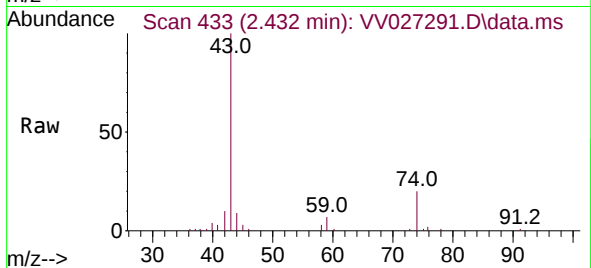




#15
Methyl Acetate
Concen: 4.661 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

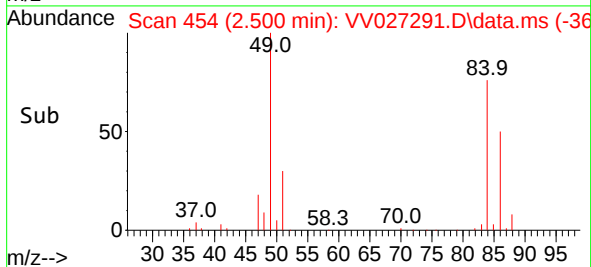
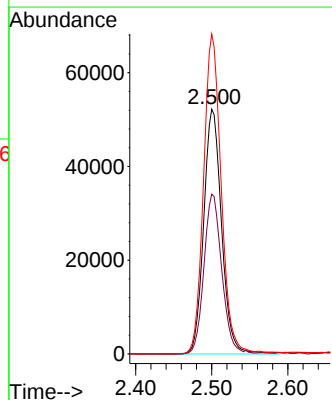
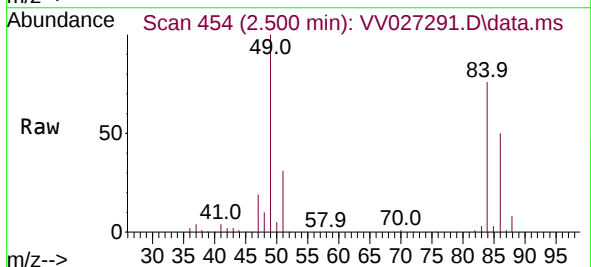
Instrument :
MSVOA_V
ClientSampleId :

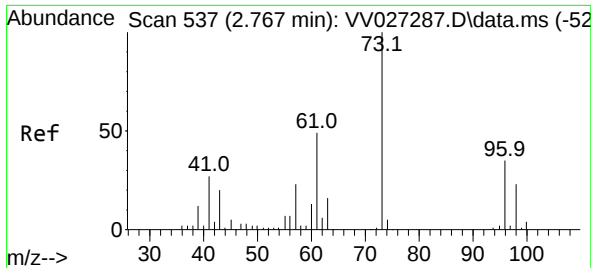
Tgt Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
74 23.2 21.8 32.8



#16
Methylene chloride
Concen: 4.046 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 84 Resp: 85476
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.9
49 130.7 91.2 169.4

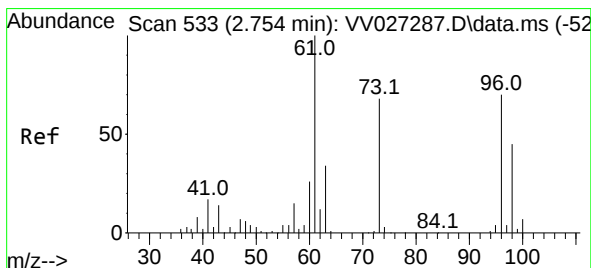
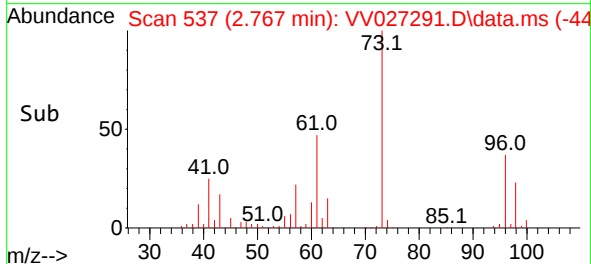
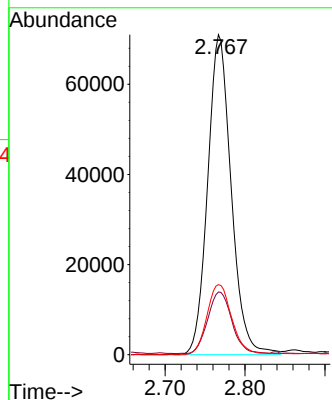
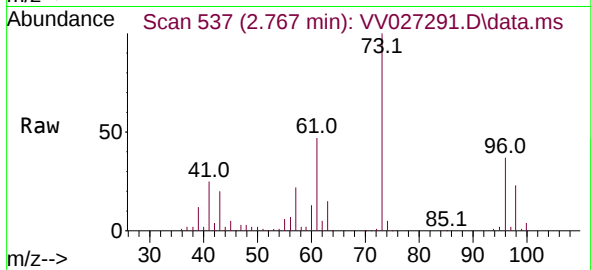




#17
Methyl tert-butyl Ether
Concen: 4.733 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

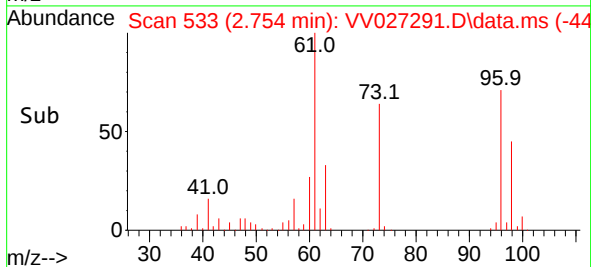
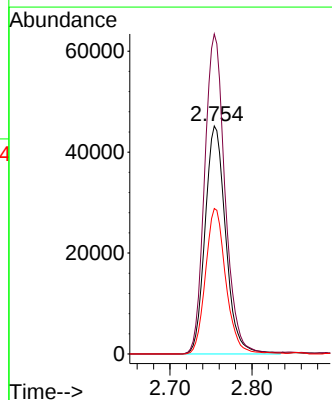
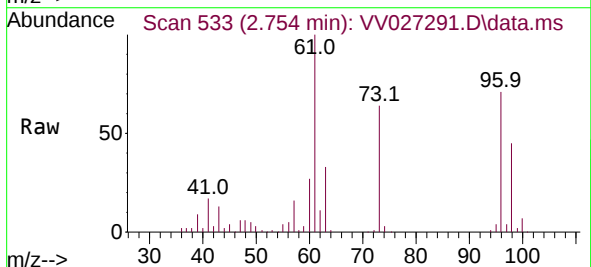
Instrument :
MSVOA_V
ClientSampleId :

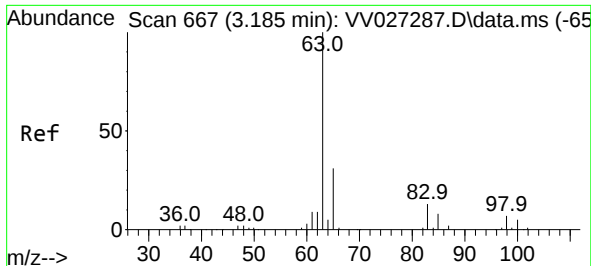
Tgt Ion: 73 Resp: 145337
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.8
57 23.0 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.883 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 96 Resp: 79003
Ion Ratio Lower Upper
96 100
61 140.3 99.6 185.0
98 63.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.761 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

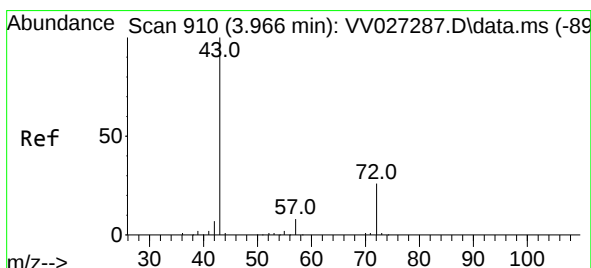
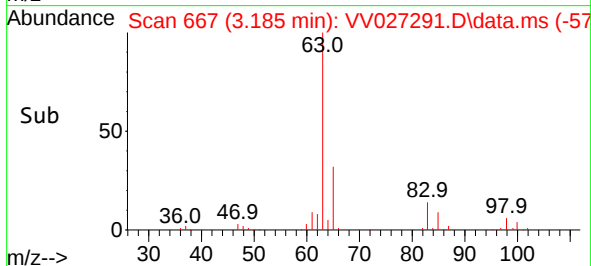
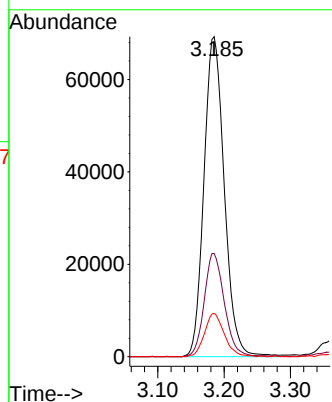
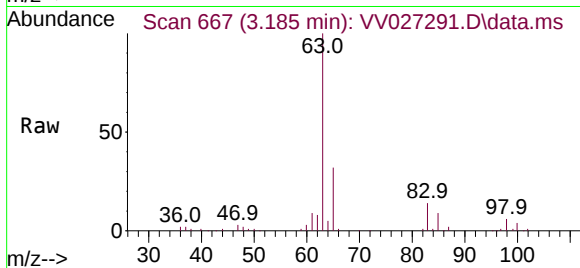
Tgt Ion: 63 Resp: 147483

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.2

83 13.6 9.3 17.3



#21

2-Butanone

Concen: 42.543 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV027291.D

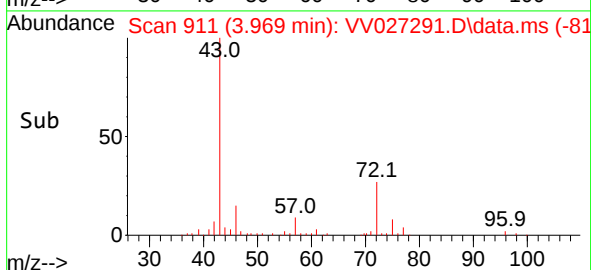
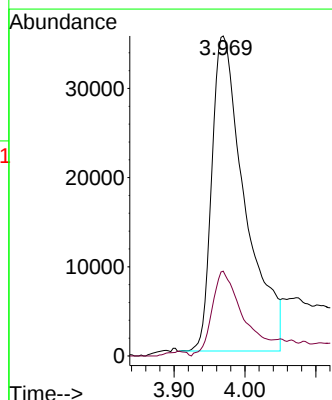
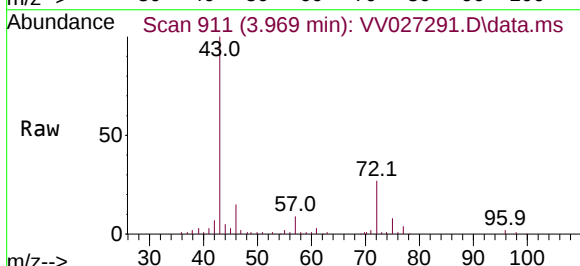
Acq: 11 Aug 2022 20:27

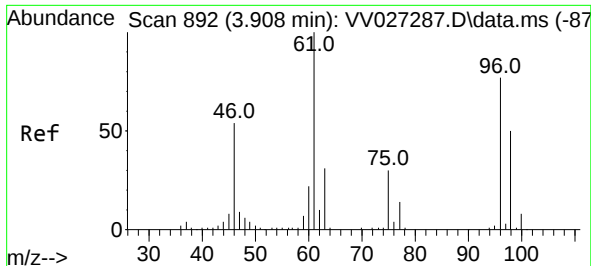
Tgt Ion: 43 Resp: 115062

Ion Ratio Lower Upper

43 100

72 25.1 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.751 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

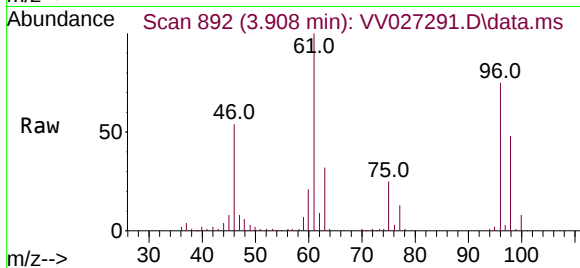
Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :



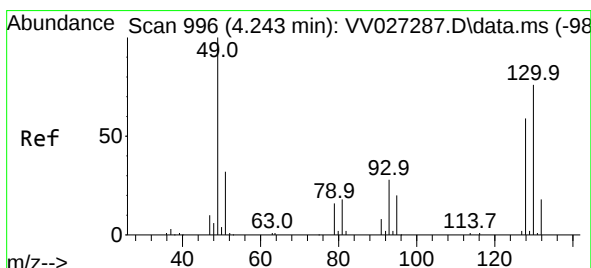
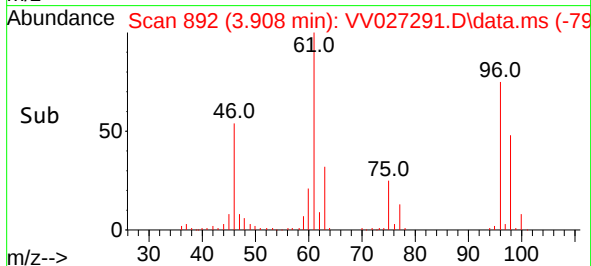
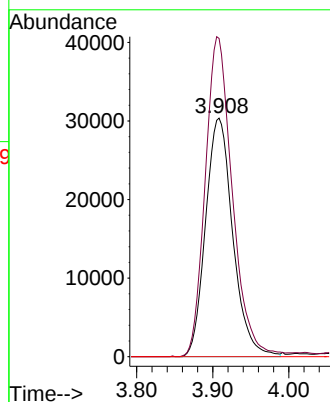
Tgt Ion: 96 Resp: 75594

Ion Ratio Lower Upper

96 100

61 133.4 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.777 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Tgt Ion: 128 Resp: 35529

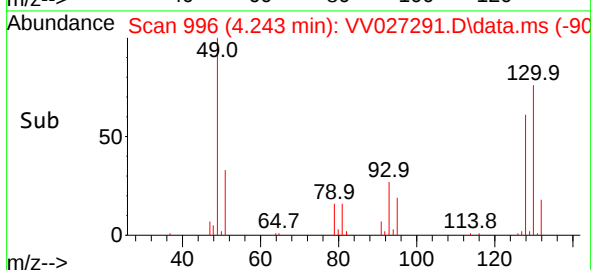
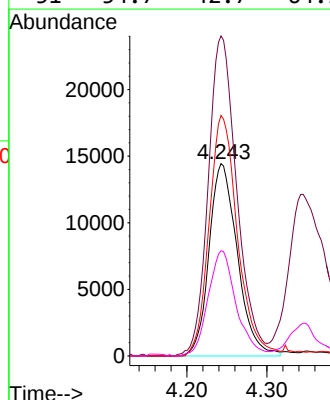
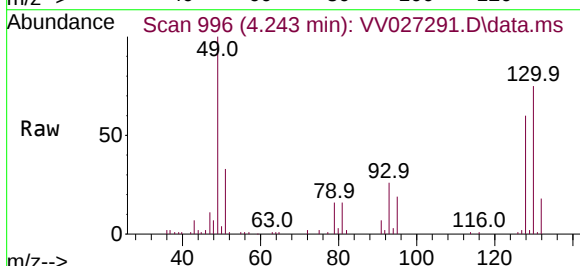
Ion Ratio Lower Upper

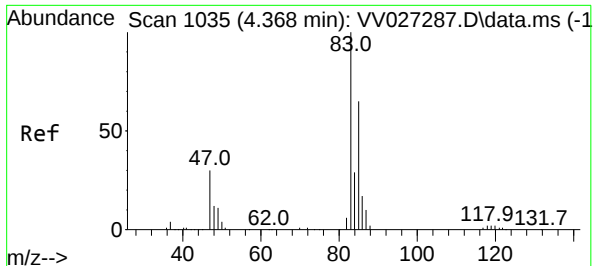
128 100

49 166.4 118.5 220.1

130 125.1 90.3 167.7

51 54.7 42.7 64.1





#25

Chloroform

Concen: 4.816 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

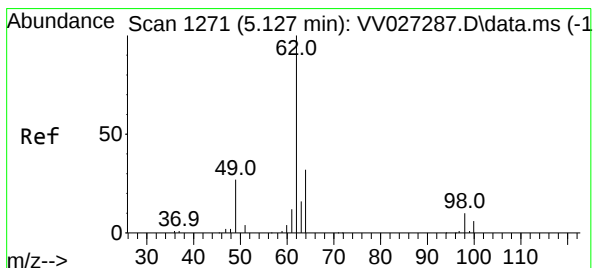
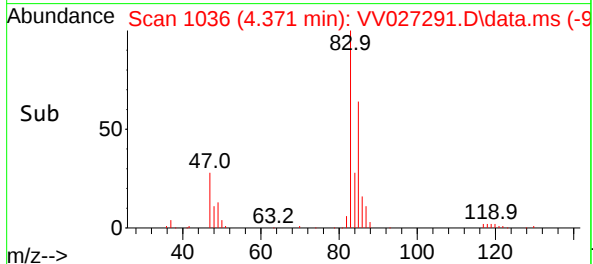
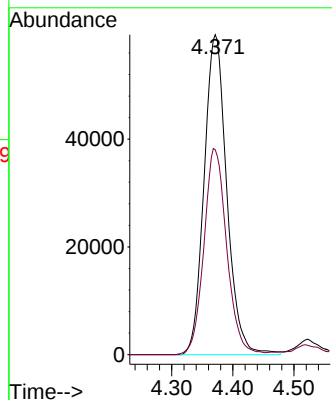
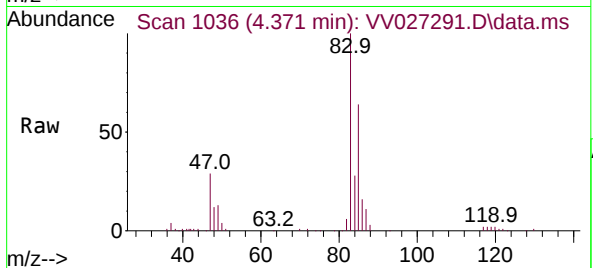
ClientSampleId :

Tgt Ion: 83 Resp: 153302

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.478 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027291.D

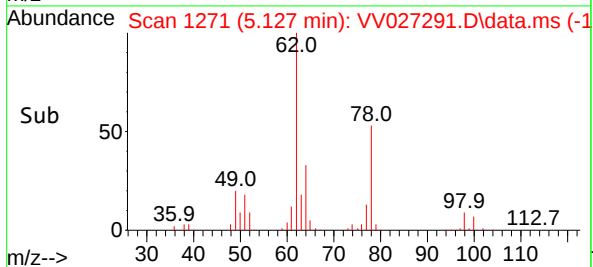
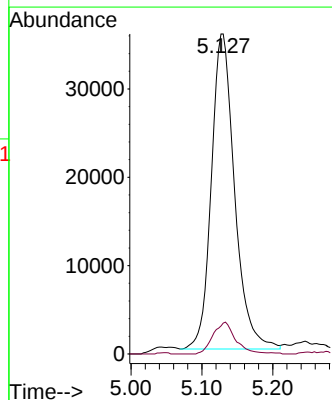
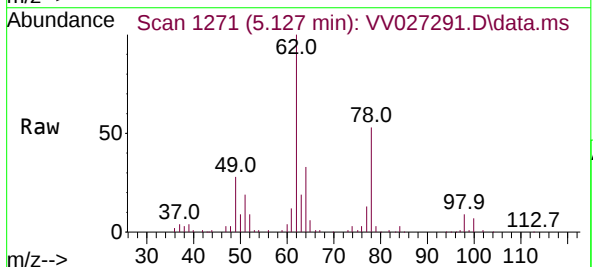
Acq: 11 Aug 2022 20:27

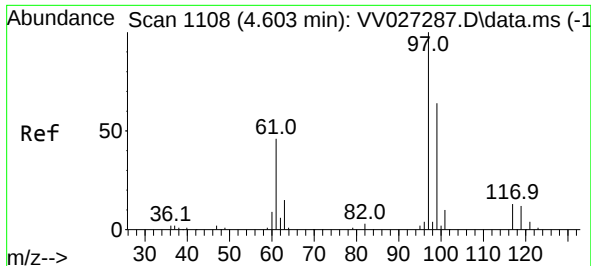
Tgt Ion: 62 Resp: 81456

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.036 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

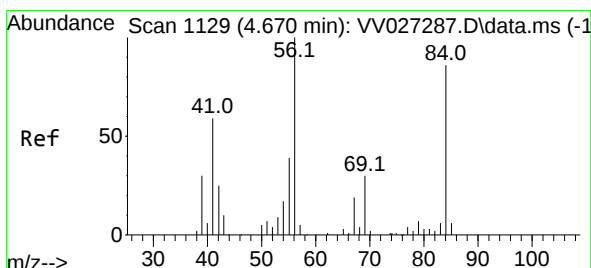
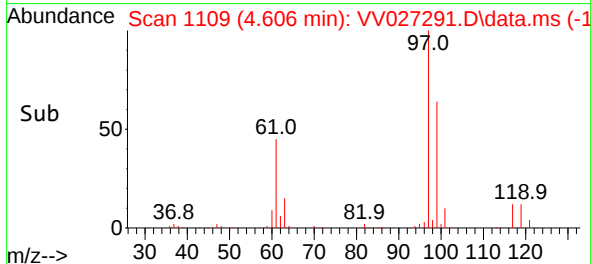
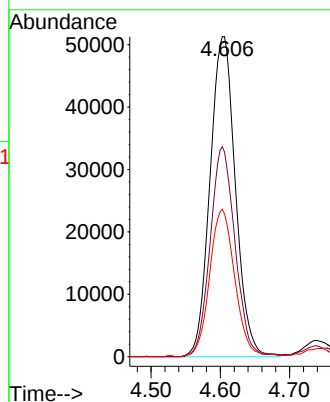
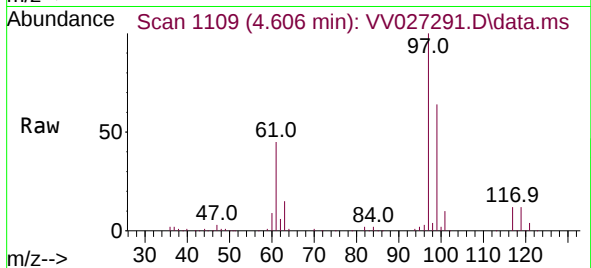
Tgt Ion: 97 Resp: 130638

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 45.4 36.5 54.7



#30

Cyclohexane

Concen: 5.557 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

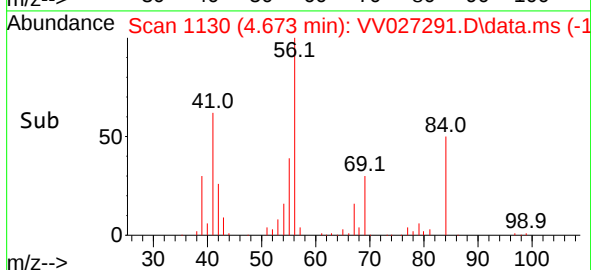
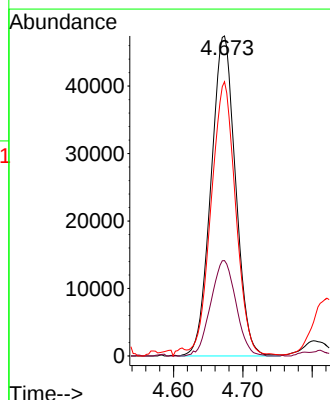
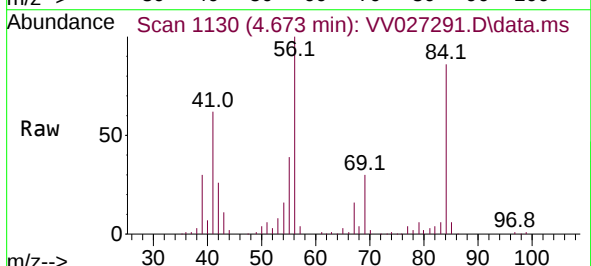
Tgt Ion: 56 Resp: 116797

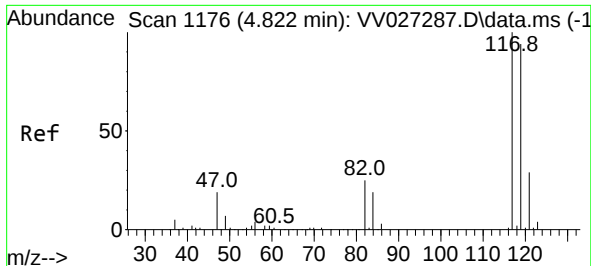
Ion Ratio Lower Upper

56 100

69 30.5 24.0 36.0

84 84.8 69.1 103.7

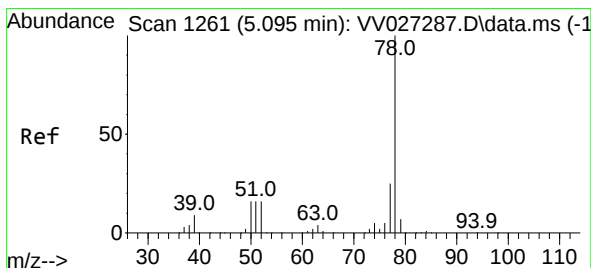
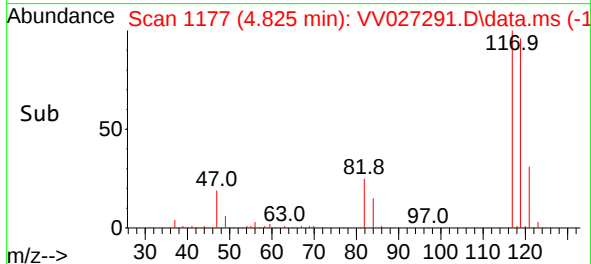
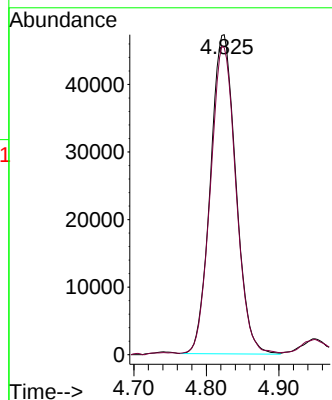
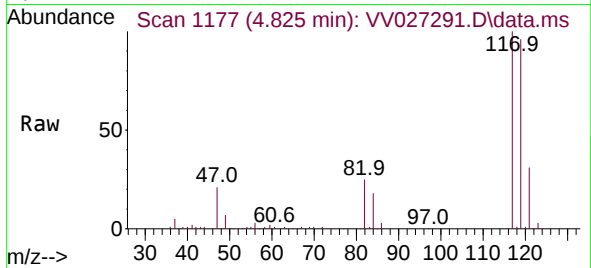




#31
Carbon tetrachloride
Concen: 5.098 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

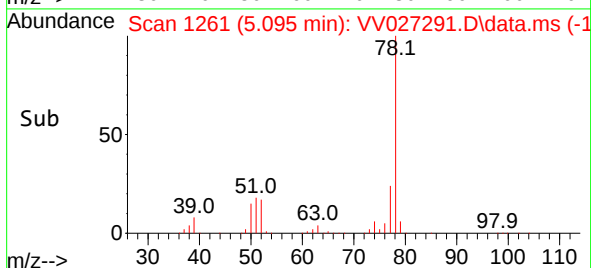
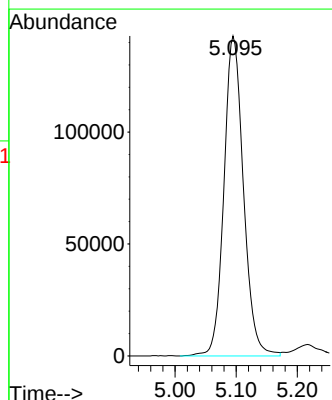
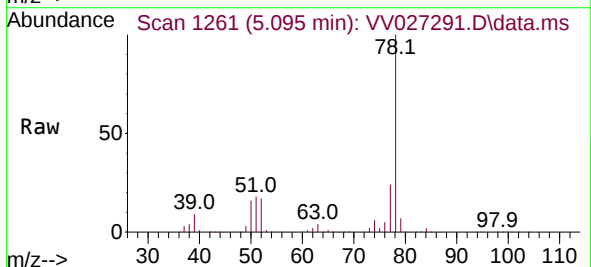
Instrument :
MSVOA_V
ClientSampleId :

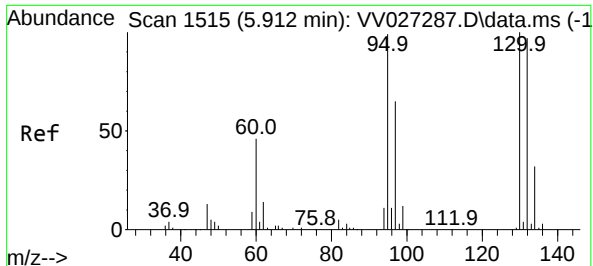
Tgt Ion:117 Resp: 115086
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0



#33
Benzene
Concen: 5.039 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 78 Resp: 317521



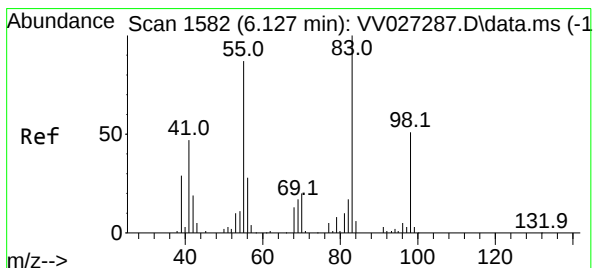
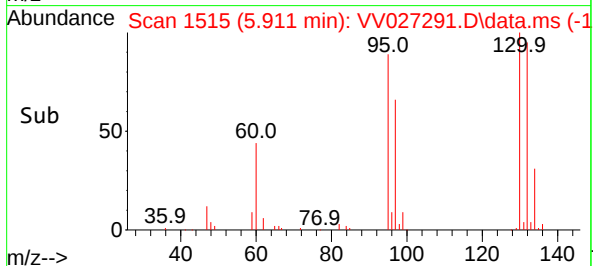
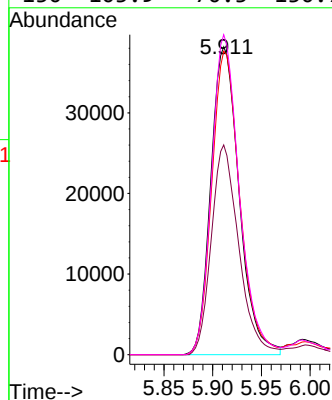
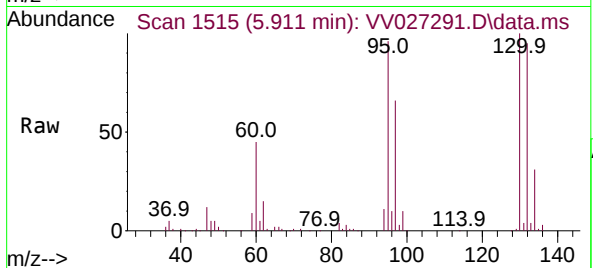


#34
Trichloroethene
Concen: 4.925 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 77243

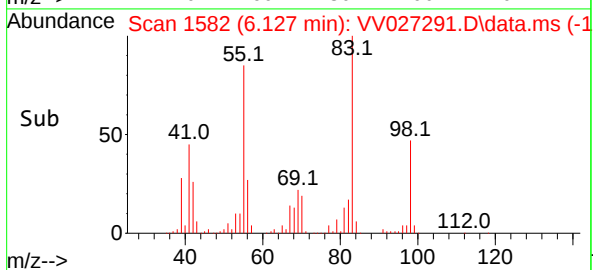
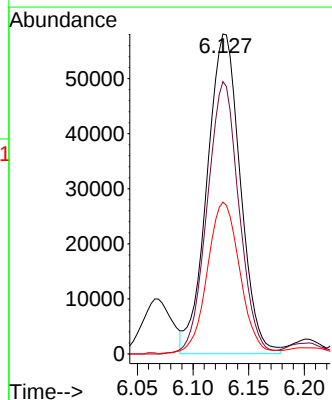
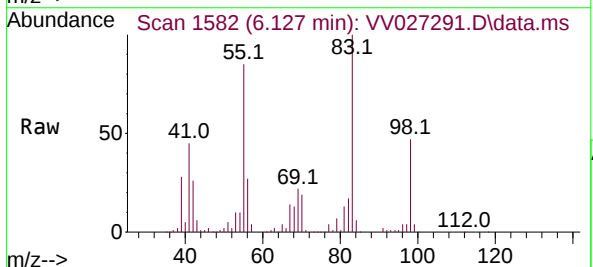
Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.5	84.5
132	98.6	68.2	126.6
130	103.9	70.3	130.7

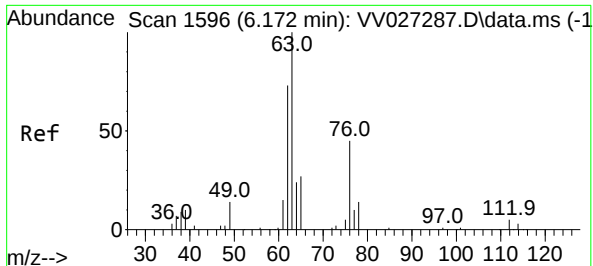


#35
Methylcyclohexane
Concen: 5.590 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 83 Resp: 120699

Ion	Ratio	Lower	Upper
83	100		
55	81.5	67.0	100.6
98	46.6	38.7	58.1





#37

1,2-Dichloropropane

Concen: 5.207 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

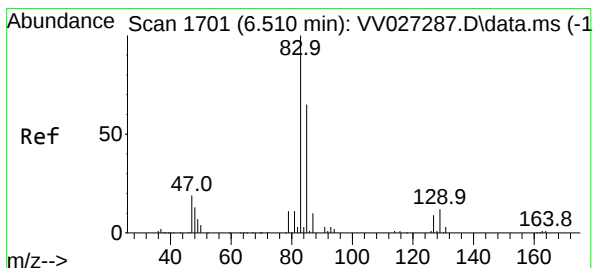
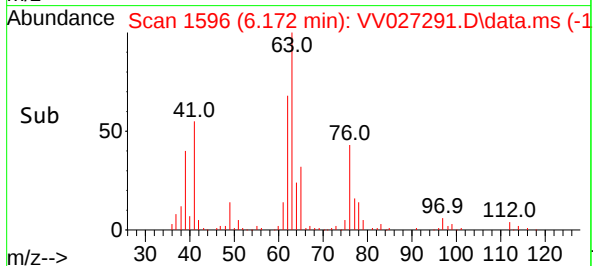
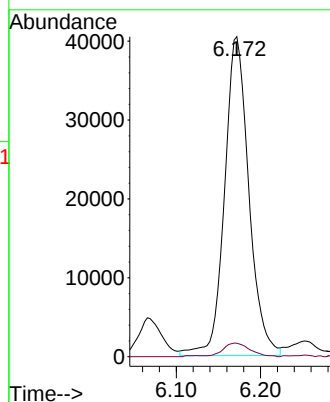
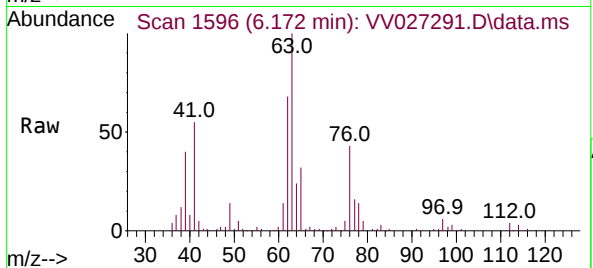
ClientSampleId :

Tgt Ion: 63 Resp: 81084

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 4.818 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

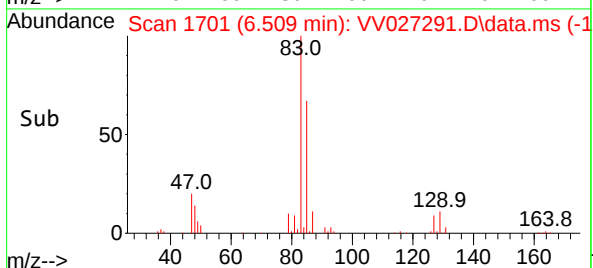
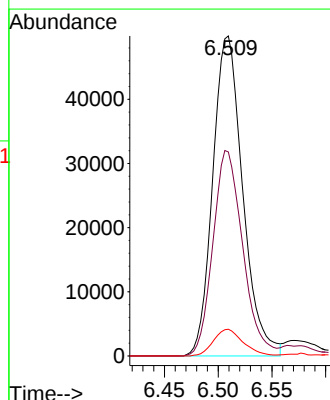
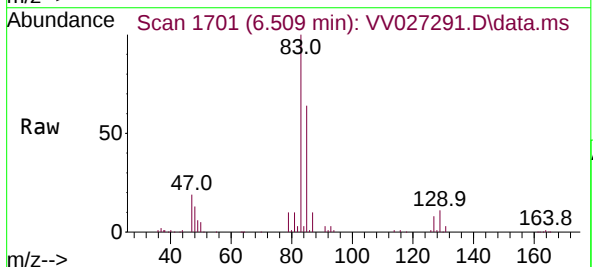
Tgt Ion: 83 Resp: 96708

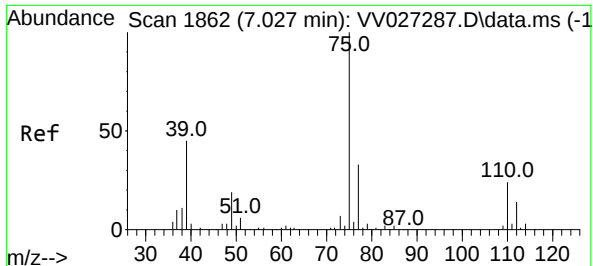
Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.224 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

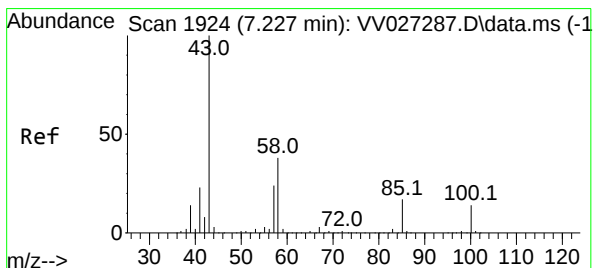
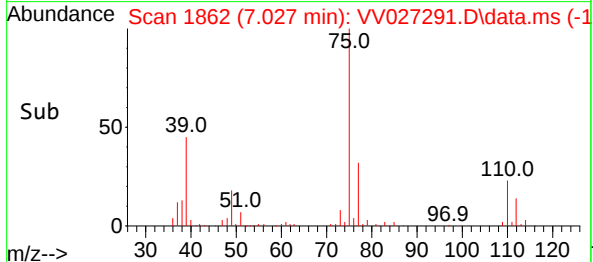
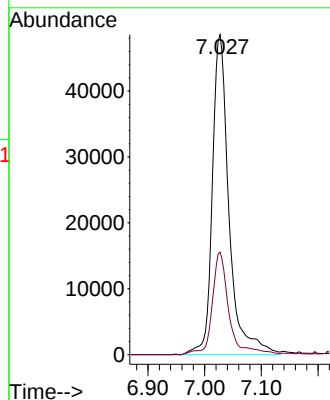
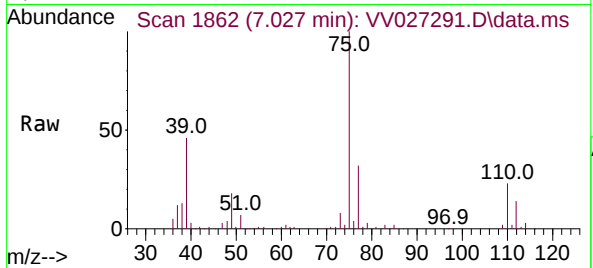
ClientSampleId :

Tgt Ion: 75 Resp: 99435

Ion Ratio Lower Upper

75 100

77 32.0 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 51.638 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

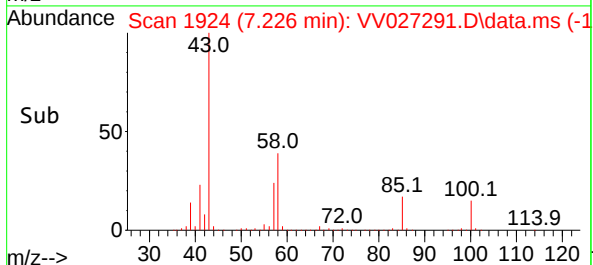
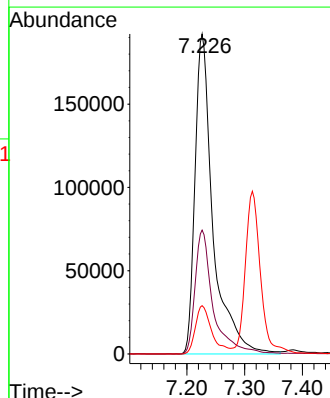
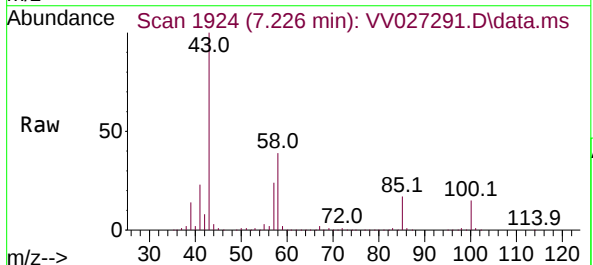
Tgt Ion: 43 Resp: 415027

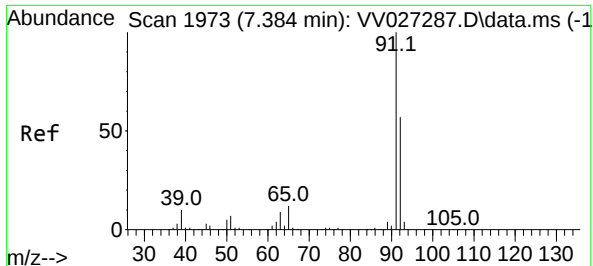
Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4

100 13.8 10.9 16.3





#42

Toluene

Concen: 5.388 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

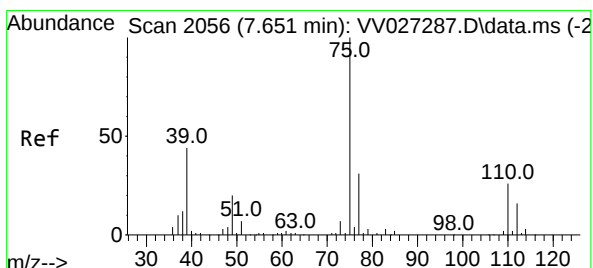
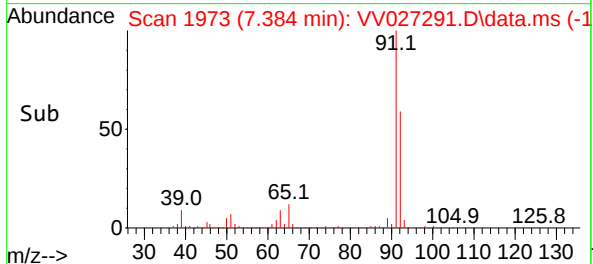
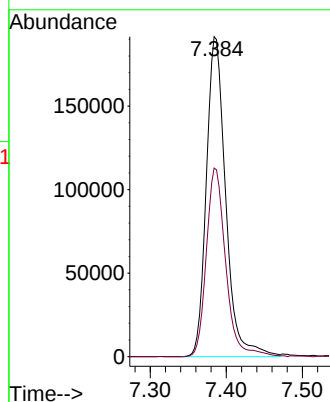
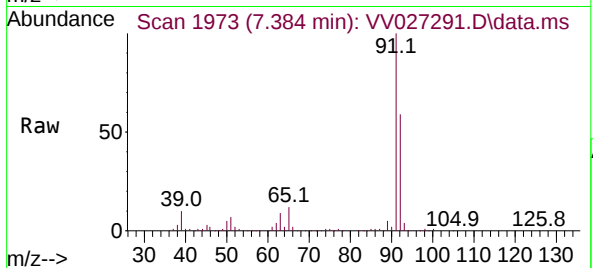
ClientSampleId :

Tgt Ion: 91 Resp: 338720

Ion Ratio Lower Upper

91 100

92 59.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV027291.D

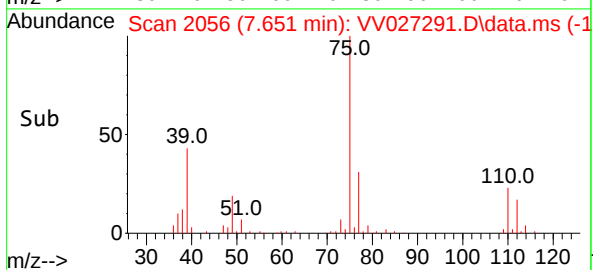
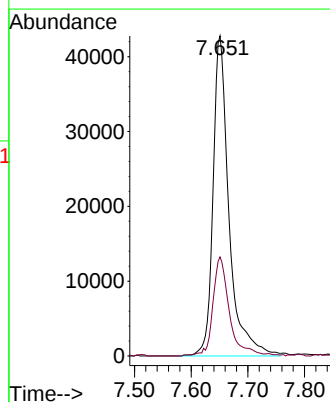
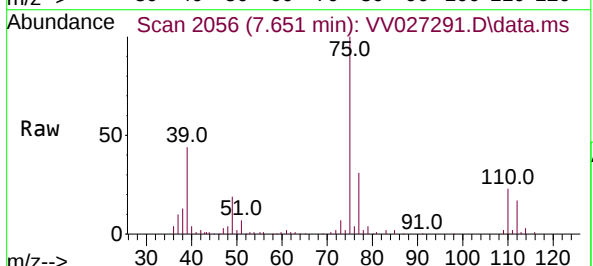
Acq: 11 Aug 2022 20:27

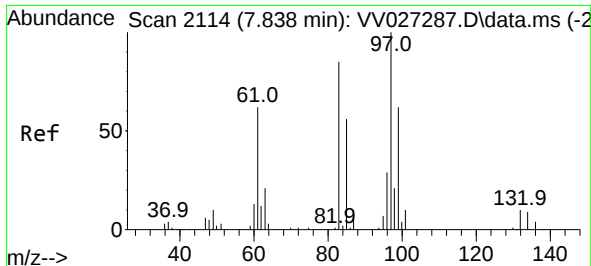
Tgt Ion: 75 Resp: 83585

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 4.996 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

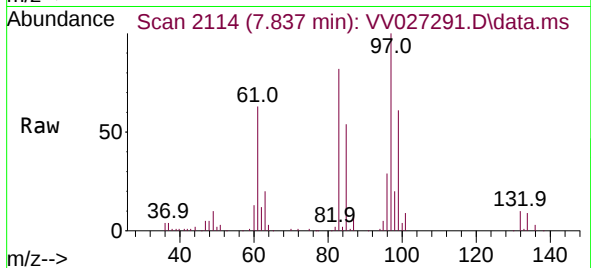
Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 55467

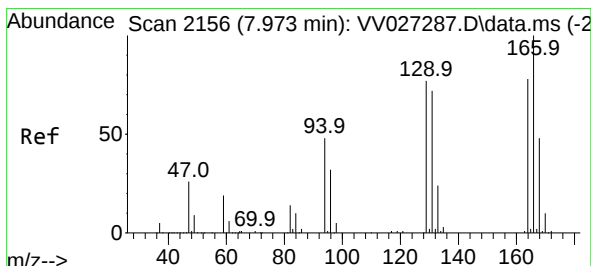
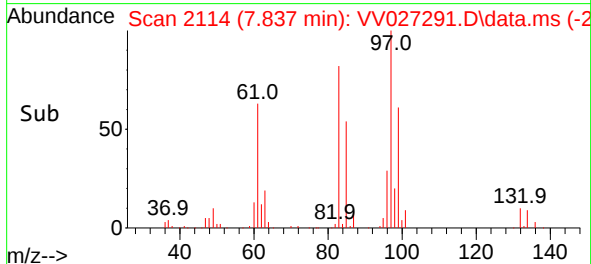
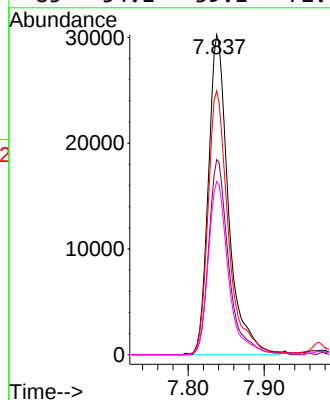
Ion Ratio Lower Upper

97 100

99 60.9 43.7 81.1

83 82.5 59.8 111.0

85 54.1 39.1 72.7



#47

Tetrachloroethene

Concen: 5.262 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Tgt Ion: 164 Resp: 64814

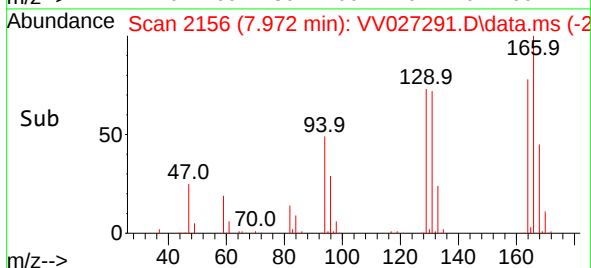
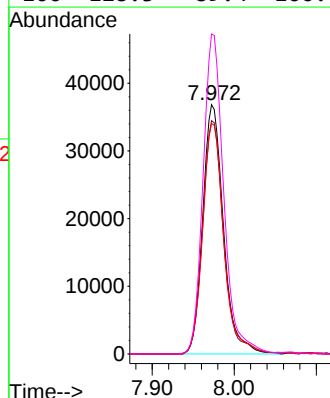
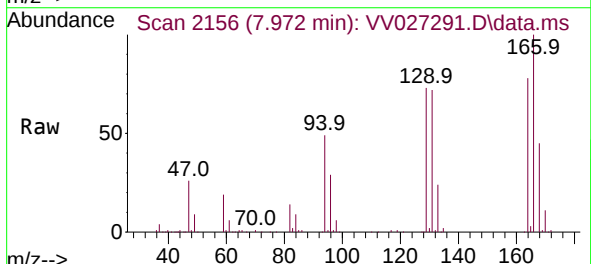
Ion Ratio Lower Upper

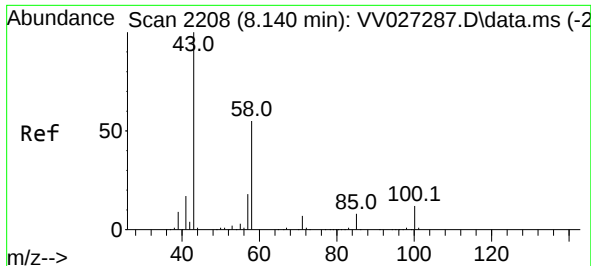
164 100

129 93.6 69.0 128.1

131 92.5 64.7 120.1

166 128.3 89.4 166.0



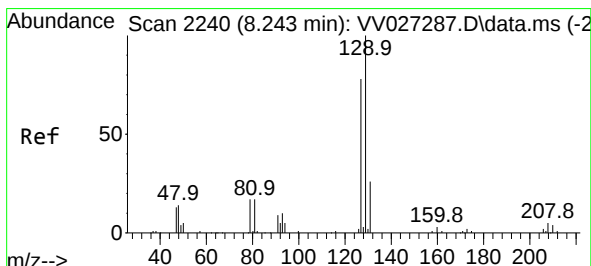
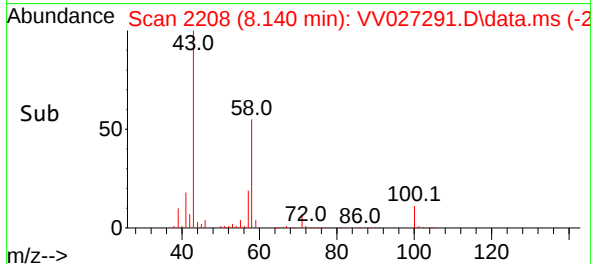
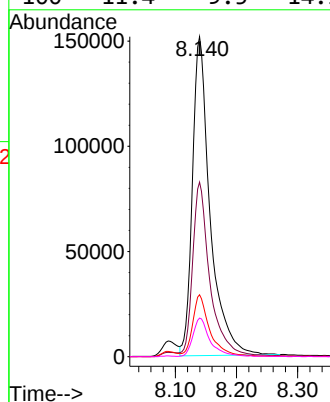
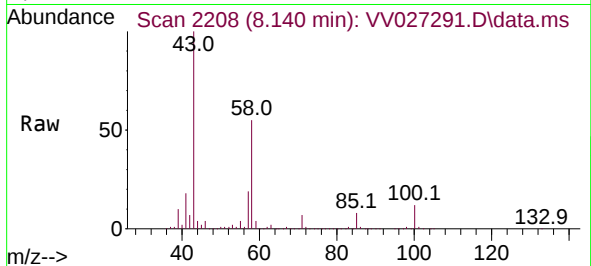


#48
2-Hexanone
Concen: 52.848 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 304798

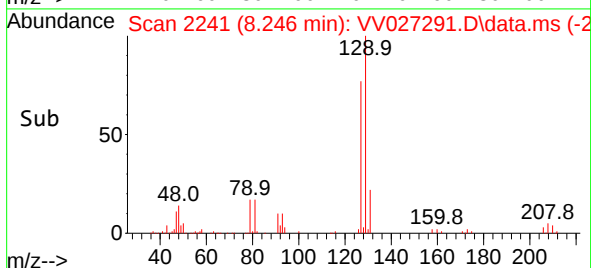
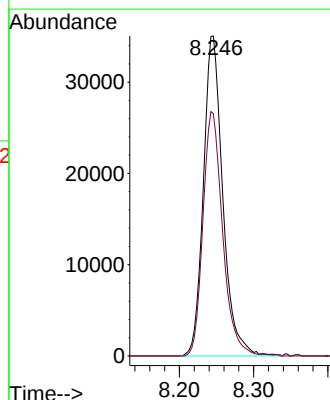
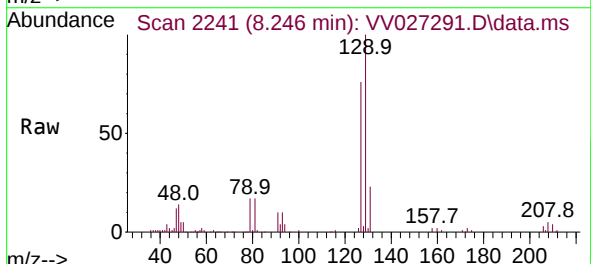
Ion	Ratio	Lower	Upper
43	100		
58	53.0	42.8	64.2
57	18.7	15.2	22.8
100	11.4	9.5	14.3

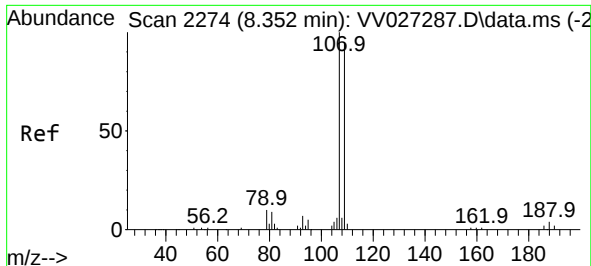


#49
Dibromochloromethane
Concen: 4.896 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 129 Resp: 63638

Ion	Ratio	Lower	Upper
129	100		
127	75.8	54.5	101.3





#50

1,2-Dibromoethane

Concen: 4.950 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

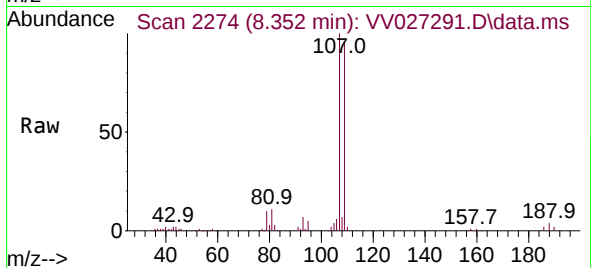
Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

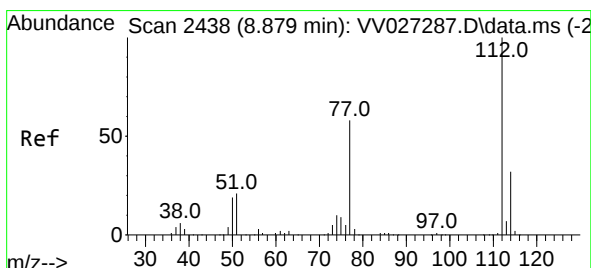
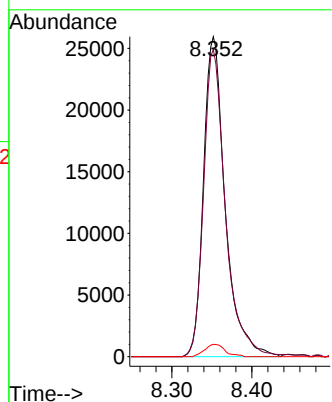
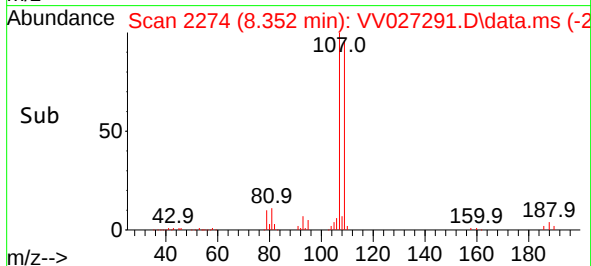
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	48867
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.1	122.8
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 5.060 ug/L

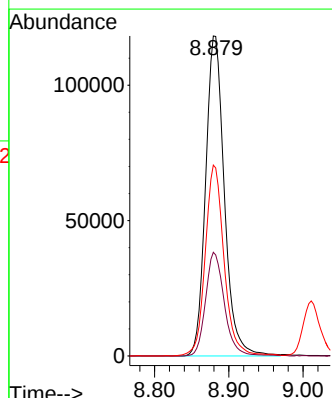
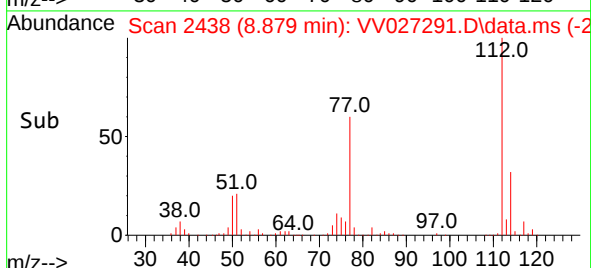
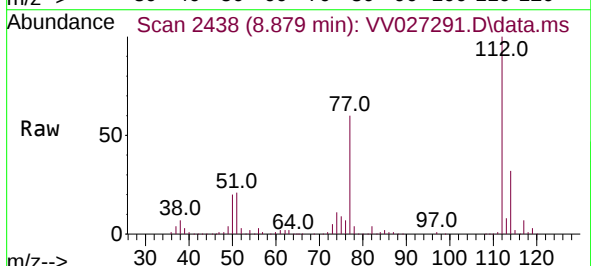
RT: 8.879 min Scan# 2438

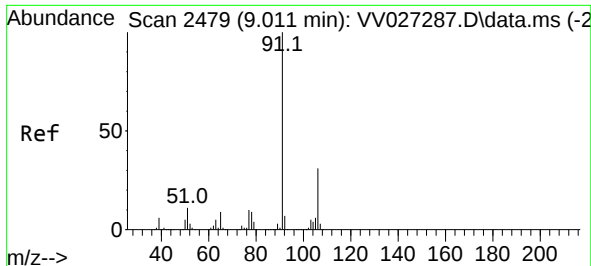
Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Tgt Ion:	112	Resp:	207199
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.5	41.9
77	59.6	46.4	69.6

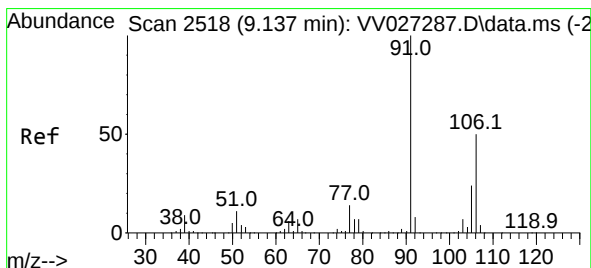
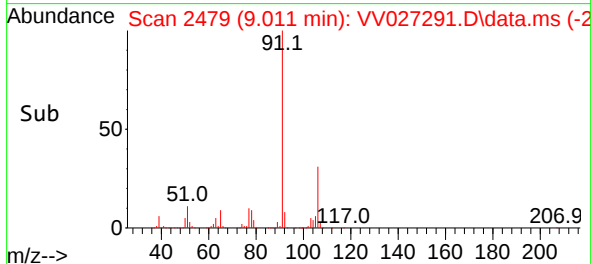
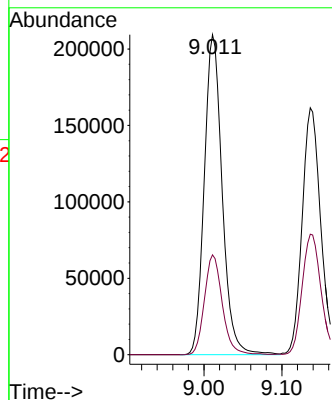
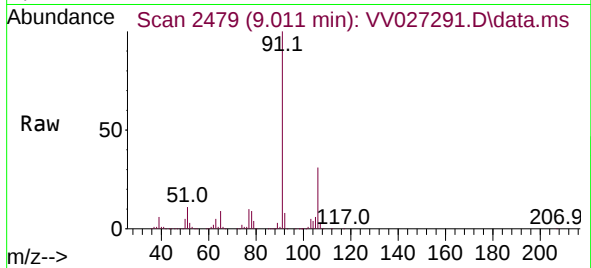




#52
Ethylbenzene
Concen: 5.292 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

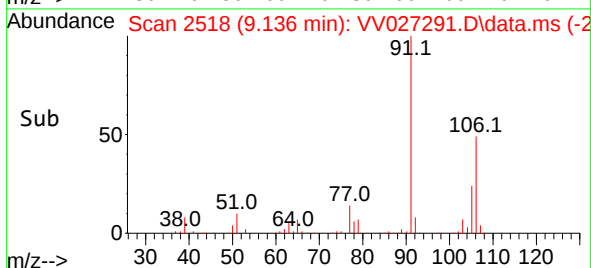
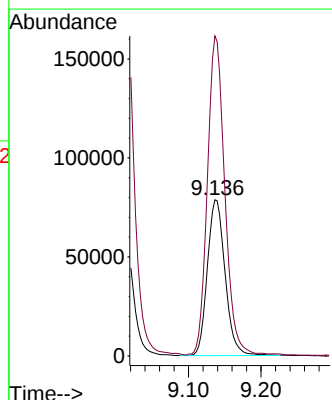
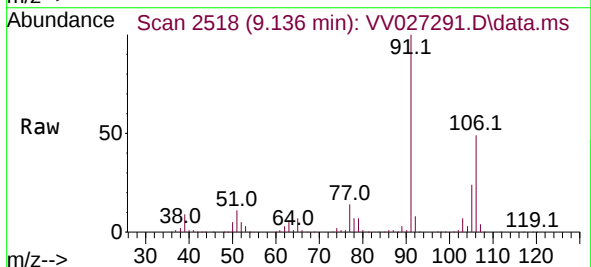
Instrument :
MSVOA_V
ClientSampleId :

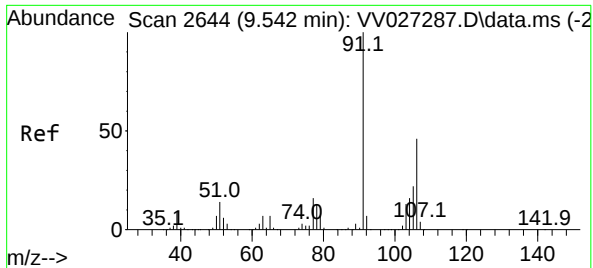
Tgt Ion: 91 Resp: 334255
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.555 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 106 Resp: 133823
Ion Ratio Lower Upper
106 100
91 204.8 141.5 262.9

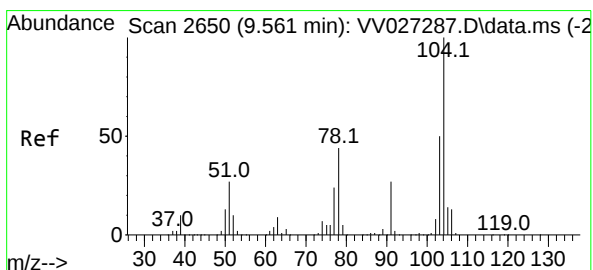
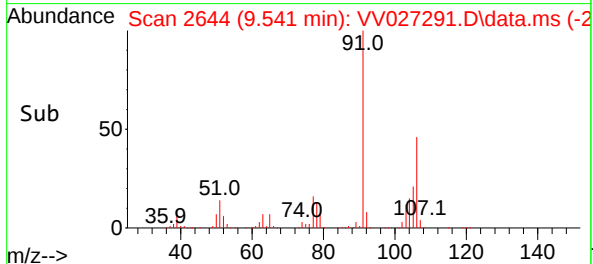
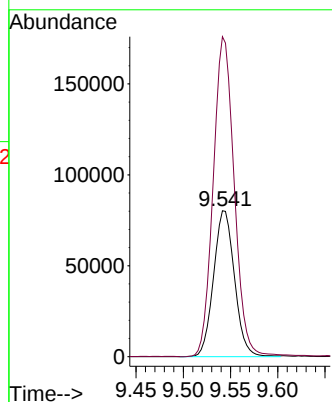
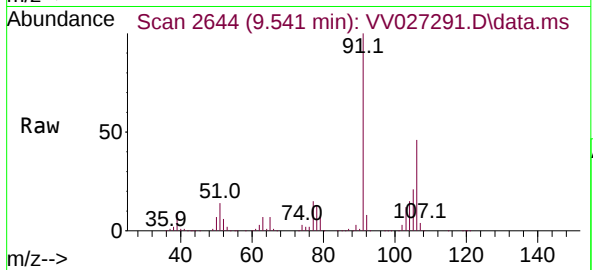




#54
o-Xylene
Concen: 5.259 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

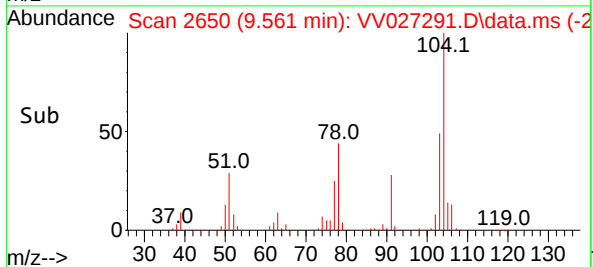
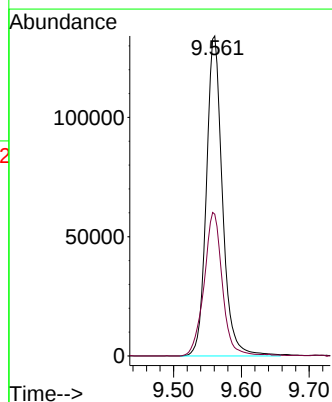
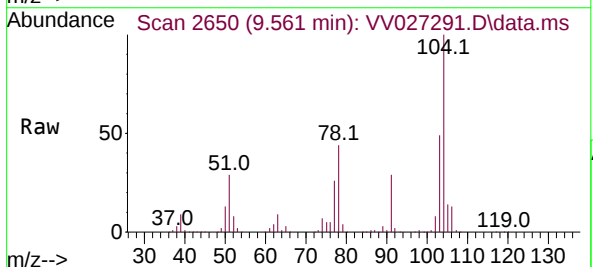
Instrument :
MSVOA_V
ClientSampleId :

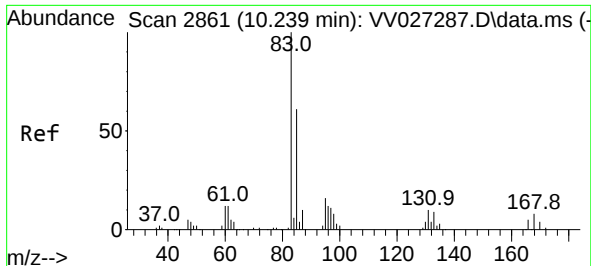
Tgt Ion:106 Resp: 123923
Ion Ratio Lower Upper
106 100
91 219.3 153.2 284.4



#55
Styrene
Concen: 5.464 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion:104 Resp: 221399
Ion Ratio Lower Upper
104 100
78 44.3 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.871 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV027291.D

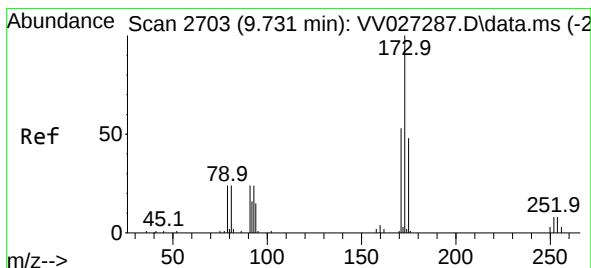
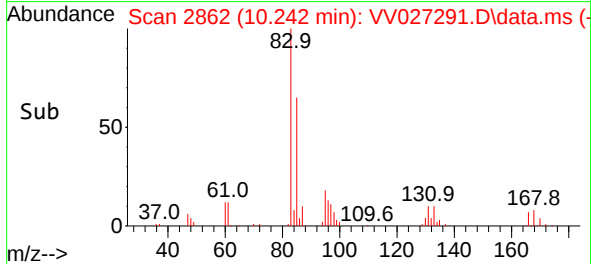
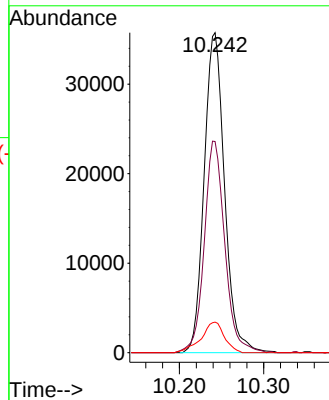
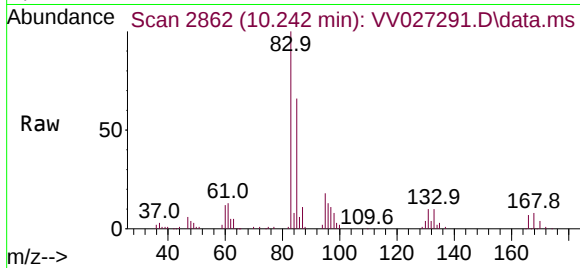
Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 60285
Ion Ratio	Lower Upper
83 100	
85 66.0	43.3 80.3
131 9.6	7.7 11.5



#59

Bromoform

Concen: 4.620 ug/L

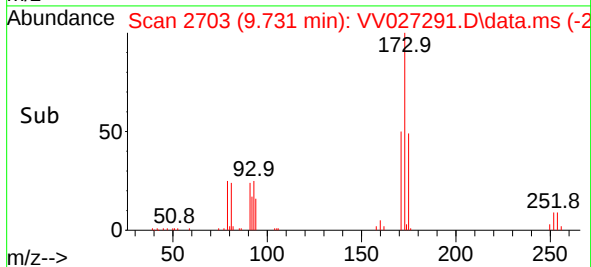
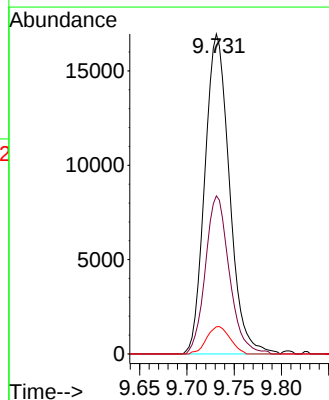
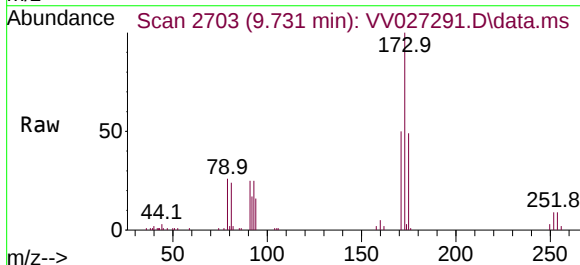
RT: 9.731 min Scan# 2703

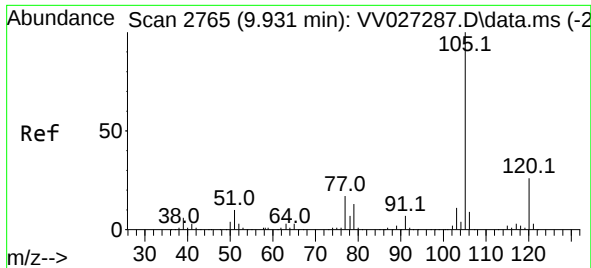
Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Tgt Ion: 173	Resp: 30668
Ion Ratio	Lower Upper
173 100	
175 48.2	38.2 57.2
254 8.1	6.5 9.7

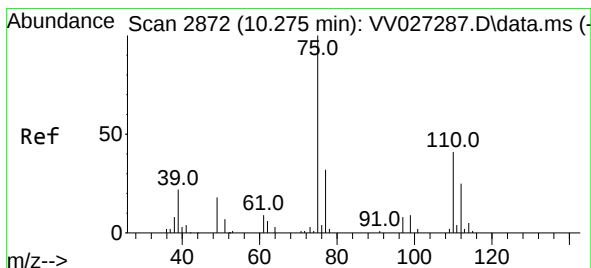
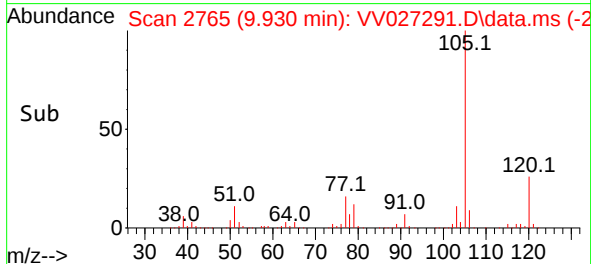
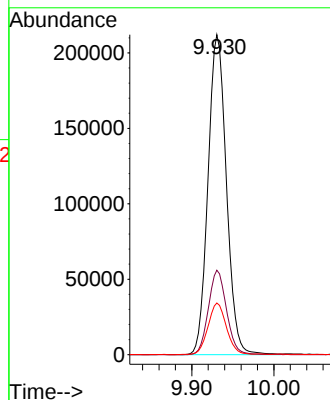
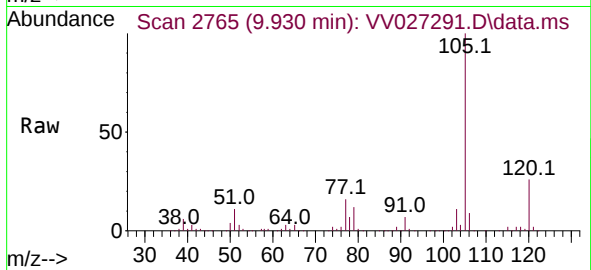




#60
Isopropylbenzene
Concen: 5.326 ug/L
RT: 9.930 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

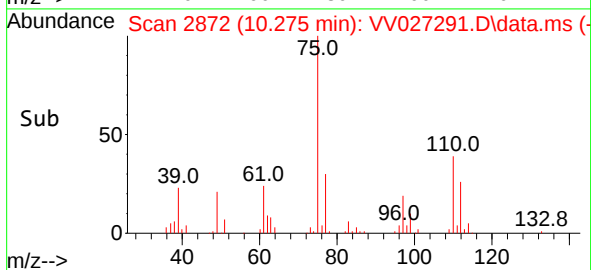
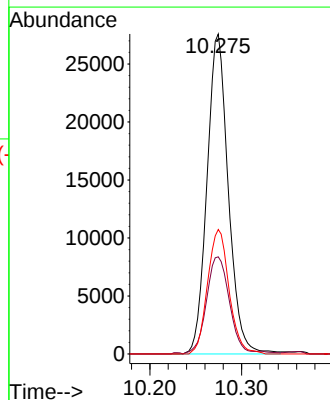
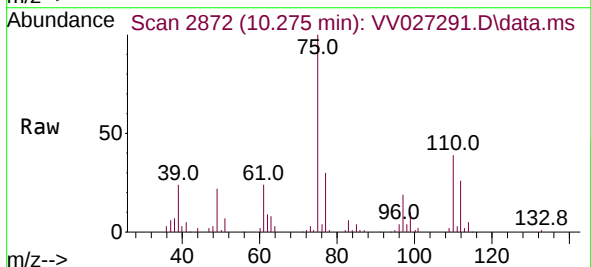
Instrument :
MSVOA_V
ClientSampleId :

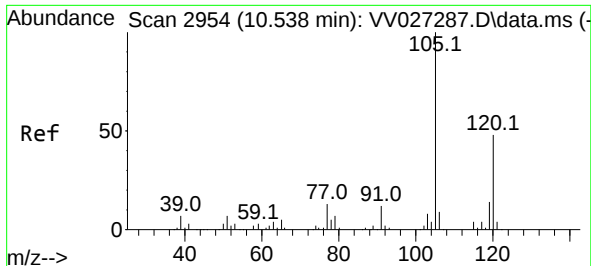
Tgt Ion:105 Resp: 330160
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.703 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 75 Resp: 44583
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 39.2 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 5.011 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

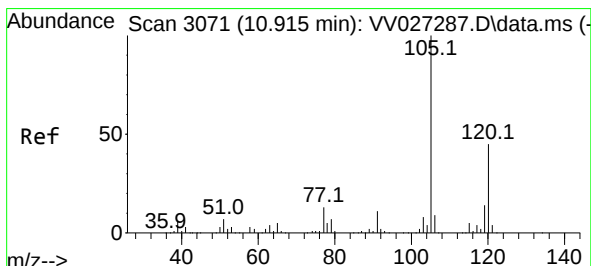
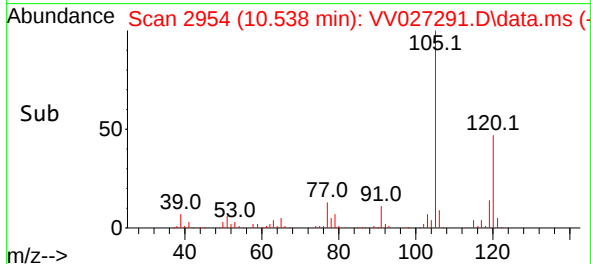
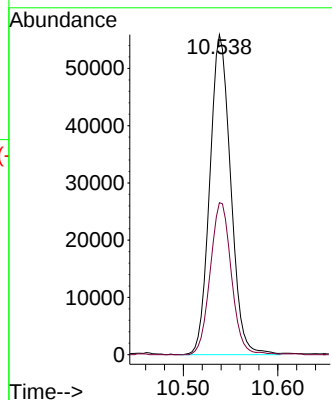
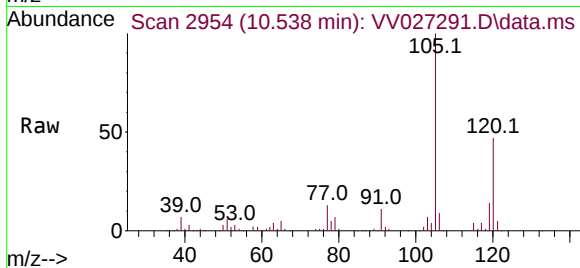
ClientSampleId :

Tgt Ion:105 Resp: 85858

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.056 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV027291.D

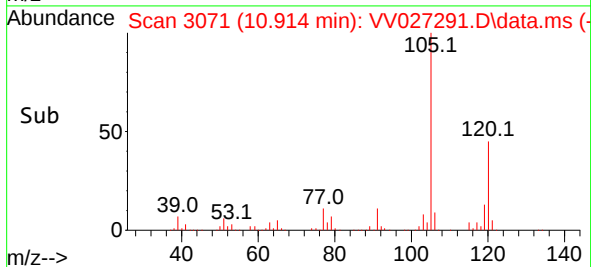
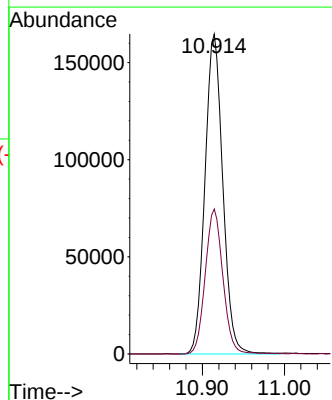
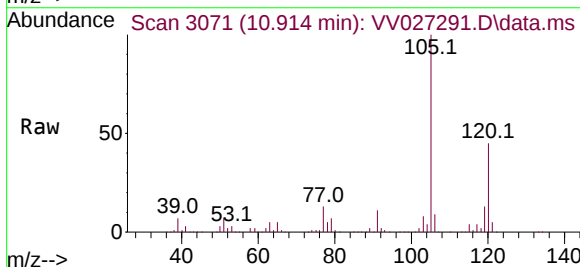
Acq: 11 Aug 2022 20:27

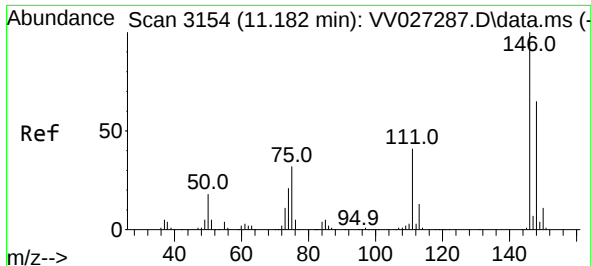
Tgt Ion:105 Resp: 248376

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2

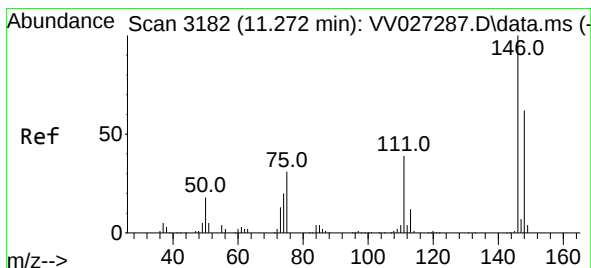
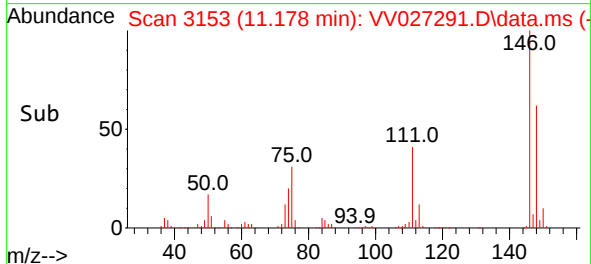
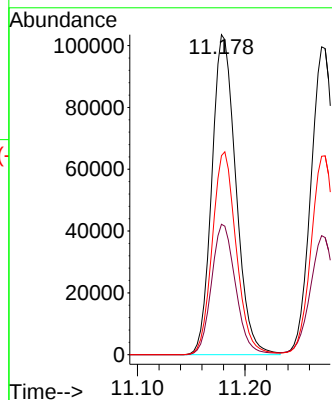
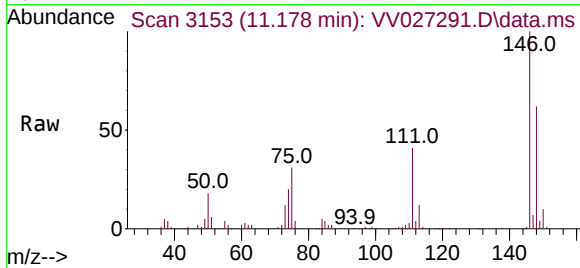




#64
1,3-Dichlorobenzene
Concen: 5.193 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

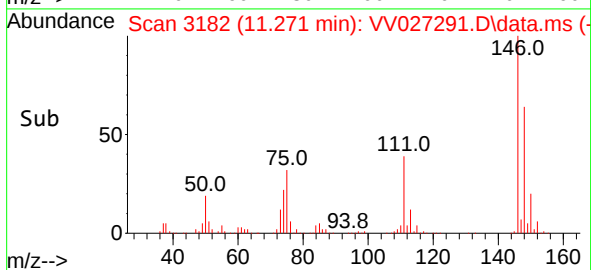
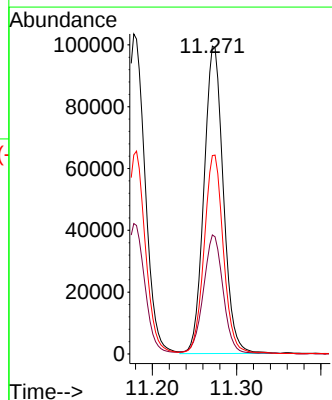
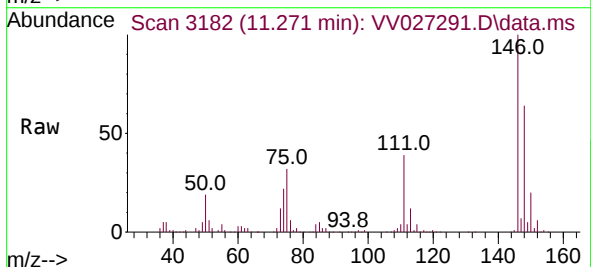
Instrument :
MSVOA_V
ClientSampleId :

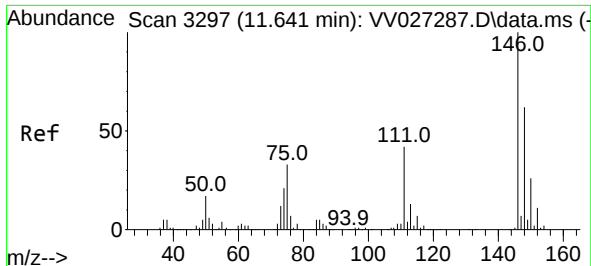
Tgt Ion:146 Resp: 160860
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 62.2 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.111 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion:146 Resp: 159327
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 64.5 43.3 80.5

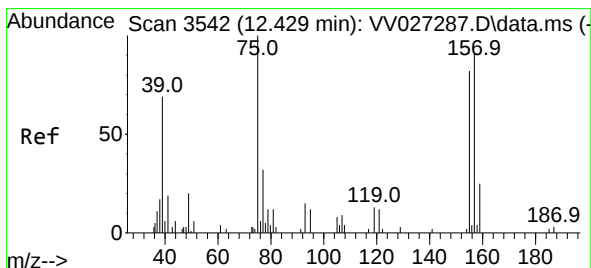
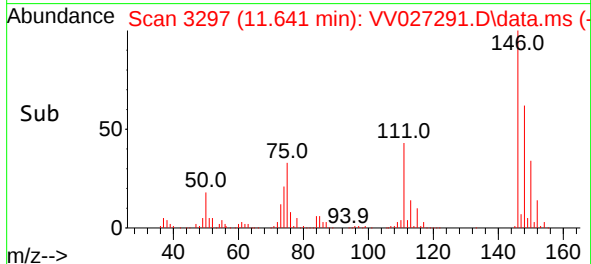
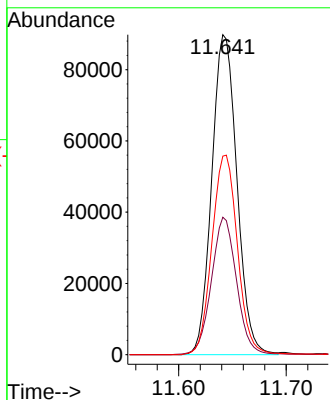
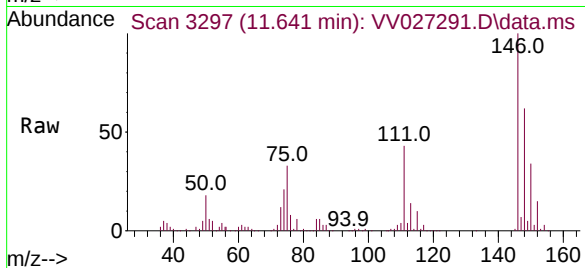




#67
1,2-Dichlorobenzene
Concen: 5.060 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

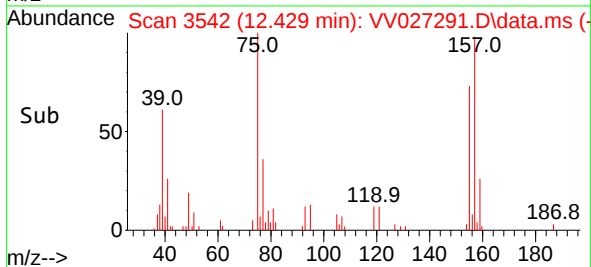
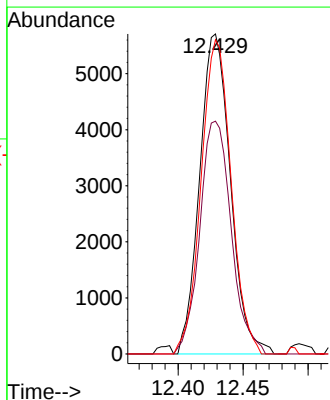
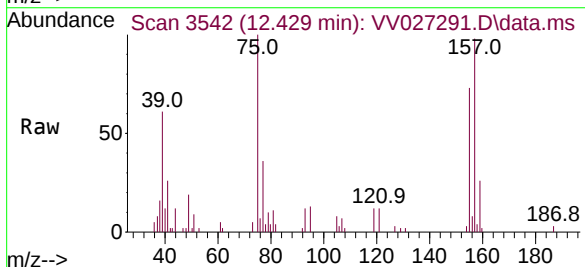
Instrument :
MSVOA_V
ClientSampleId :

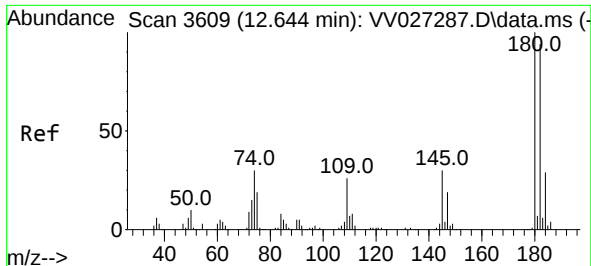
Tgt Ion:146 Resp: 145975
Ion Ratio Lower Upper
146 100
111 43.0 33.2 49.8
148 62.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.751 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion: 75 Resp: 9408
Ion Ratio Lower Upper
75 100
155 72.8 65.8 98.6
157 98.2 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.931 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

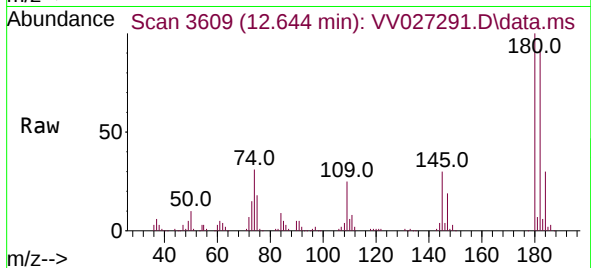
Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 110145

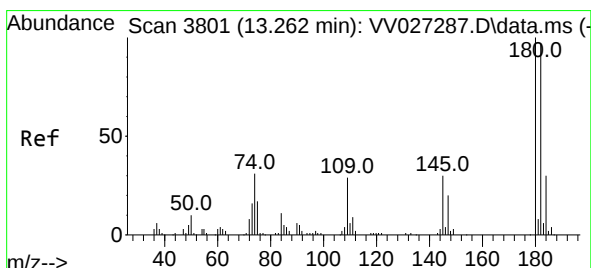
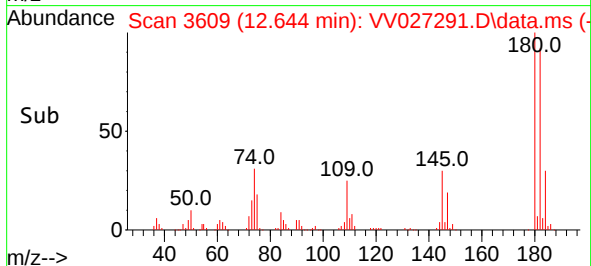
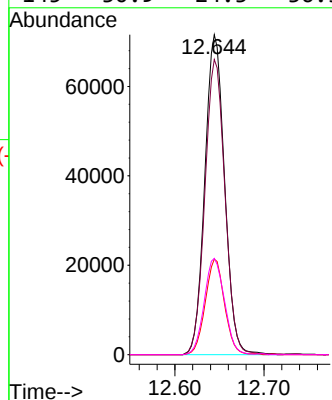
Ion Ratio Lower Upper

180 100

182 93.7 74.7 112.1

184 29.0 23.3 34.9

145 30.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.906 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV027291.D

Acq: 11 Aug 2022 20:27

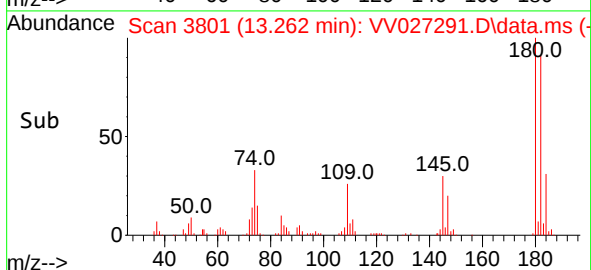
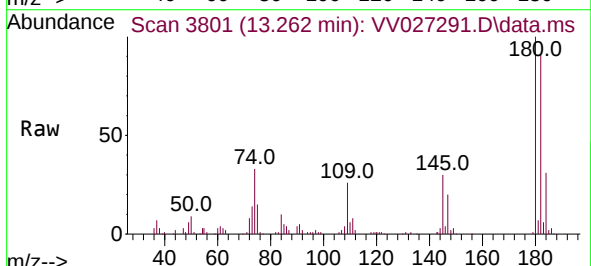
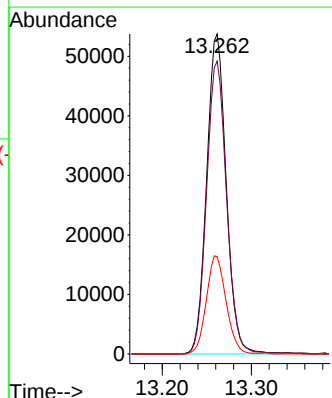
Tgt Ion:180 Resp: 81894

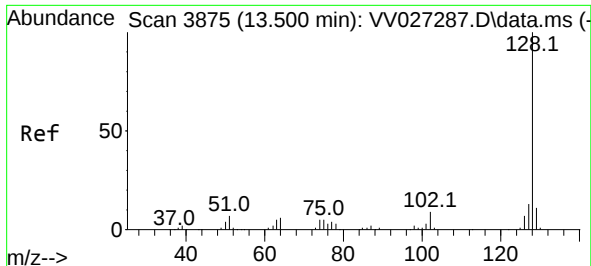
Ion Ratio Lower Upper

180 100

182 93.3 77.4 116.0

145 31.0 24.9 37.3

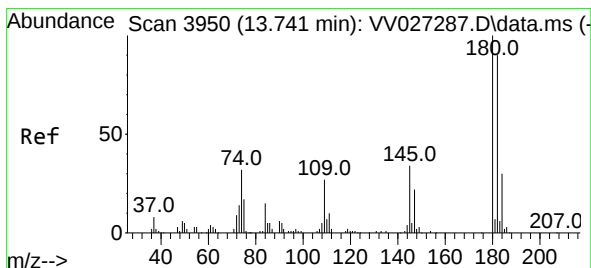
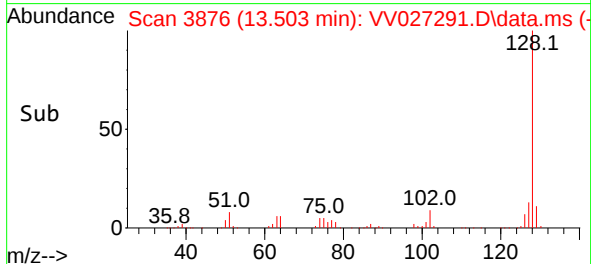
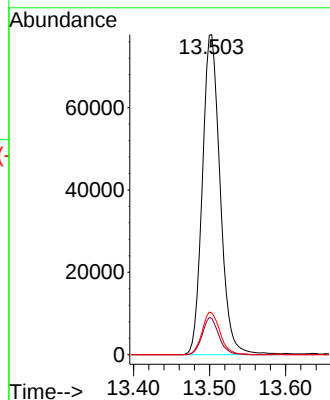
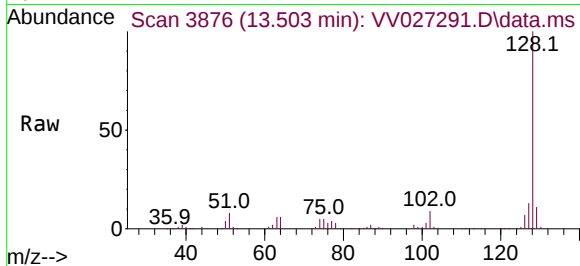




#71
Naphthalene
Concen: 4.892 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 126172
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.906 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027291.D
Acq: 11 Aug 2022 20:27

Tgt Ion:180 Resp: 76345
Ion Ratio Lower Upper
180 100
182 96.2 73.8 110.6
145 34.4 27.0 40.4

