

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028688.D
 Acq On : 26 Oct 2022 11:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	192749	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.841	117	170142	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.239	152	72099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	82542	6.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.555	69	61506	5.426	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.095	63	125911	4.856	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.944	46	120883	39.547	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	4.323	84	89473	3.844	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.018	65	50089	4.241	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.024	84	229839	5.051	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.056	67	74045	5.141	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.297	98	187865	5.291	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.612	79	20340	4.545	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.101	63	80695	38.740	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	39091	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	46134	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	39482	4.857	ug/L	98
3) Chloromethane	1.230	50	82701	5.450	ug/L	99
5) Vinyl chloride	1.298	62	80502	5.339	ug/L	99
6) Bromomethane	1.510	94	38291	5.316	ug/L	99
8) Chloroethane	1.574	64	52926	5.162	ug/L	95
9) Trichlorofluoromethane	1.738	101	87700	4.365	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	73304	6.140	ug/L #	77
12) 1,1-Dichloroethene	2.101	96	46929	4.430	ug/L	93
13) Acetone	2.240	43	82502	45.473	ug/L	76
14) Carbon disulfide	2.275	76	117596	4.808	ug/L	99
15) Methyl Acetate	2.445	43	26754	4.860	ug/L	93
16) Methylene chloride	2.490	84	80160	5.487	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	160785	5.786	ug/L	98
18) trans-1,2-Dichloroethene	2.738	96	49348	4.629	ug/L	94
19) 1,1-Dichloroethane	3.169	63	121637	4.727	ug/L	99
21) 2-Butanone	4.034	43	174754	56.043	ug/L	100
22) cis-1,2-Dichloroethene	3.886	96	58747	4.596	ug/L #	91
23) Bromochloromethane	4.223	128	21920	4.588	ug/L	86
25) Chloroform	4.352	83	121686	4.861	ug/L	97

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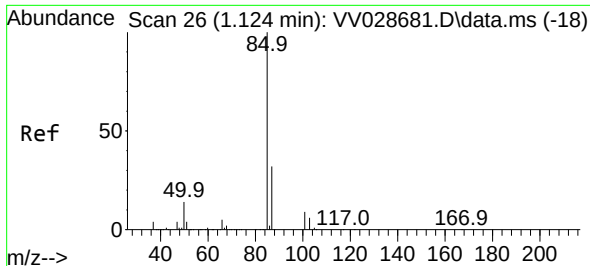
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

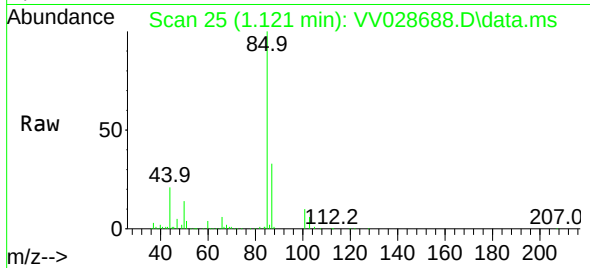
27) 1,2-Dichloroethane	5.117	62	73173	4.947	ug/L	100
29) 1,1,1-Trichloroethane	4.580	97	93882	4.588	ug/L	100
30) Cyclohexane	4.638	56	113877	5.370	ug/L #	82
31) Carbon tetrachloride	4.796	117	75262	4.579	ug/L	99
33) Benzene	5.072	78	279789	5.502	ug/L	100
34) Trichloroethene	5.889	95	64899	5.151	ug/L	98
35) Methylcyclohexane	6.101	83	102490	5.890	ug/L	98
37) 1,2-Dichloropropane	6.159	63	75112	5.781	ug/L	98
38) Bromodichloromethane	6.497	83	78625	5.061	ug/L	99
39) cis-1,3-Dichloropropene	7.014	75	91798	5.829	ug/L	97
40) 4-Methyl-2-pentanone	7.243	43	478168	62.160	ug/L	96
42) Toluene	7.371	91	270408	5.608	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	69830	5.501	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	41902	5.247	ug/L	97
47) Tetrachloroethene	7.956	164	37471	4.846	ug/L	98
48) 2-Hexanone	8.153	43	364644	66.994	ug/L #	89
49) Dibromochloromethane	8.236	129	39553	4.728	ug/L	93
50) 1,2-Dibromoethane	8.342	107	34785	5.004	ug/L	98
51) Chlorobenzene	8.870	112	160930	5.301	ug/L	94
52) Ethylbenzene	8.998	91	322984	6.028	ug/L	96
53) m,p-Xylene	9.127	106	111306	5.753	ug/L	95
54) o-Xylene	9.532	106	108495	5.574	ug/L	95
55) Styrene	9.551	104	187926	5.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	51324	5.125	ug/L	99
59) Bromoform	9.722	173	16397	4.632	ug/L	98
60) Isopropylbenzene	9.921	105	285019	6.282	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37134	5.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	78402	5.924	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	208706	5.694	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	107313	5.491	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	105390	5.405	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	96245	5.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	5296	4.155	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	78718	5.304	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	61285	5.424	ug/L	99
71) Naphthalene	13.493	128	103640	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	53851	5.378	ug/L	98

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

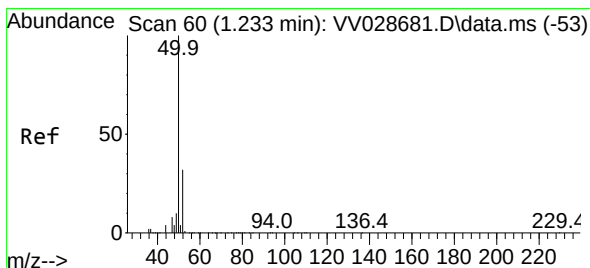
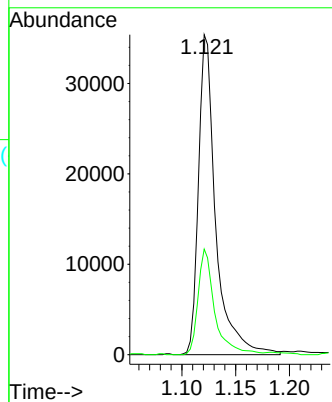
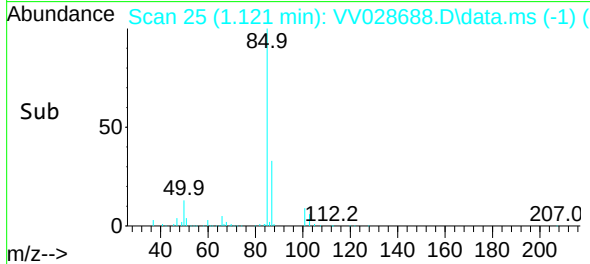


#2
 Dichlorodifluoromethane
 Concen: 4.857 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

Instrument :
 MSVOA_V
 ClientSampleId :

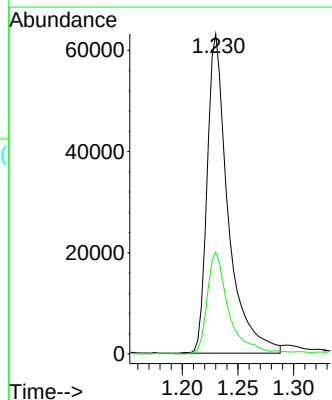
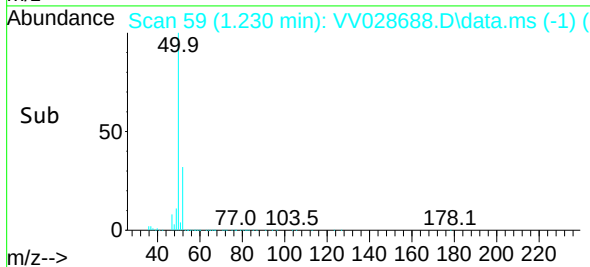
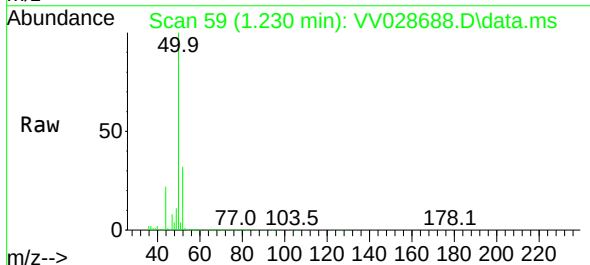


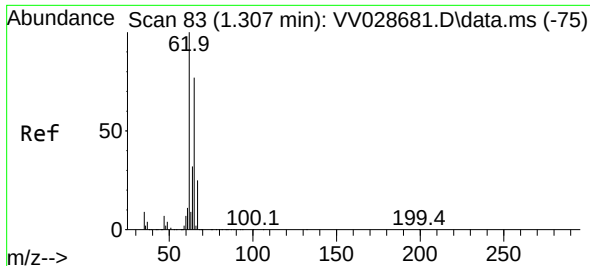
Tgt Ion: 85 Resp: 39482
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0



#3
 Chloromethane
 Concen: 5.450 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.003 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

Tgt Ion: 50 Resp: 82701
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.8 40.6

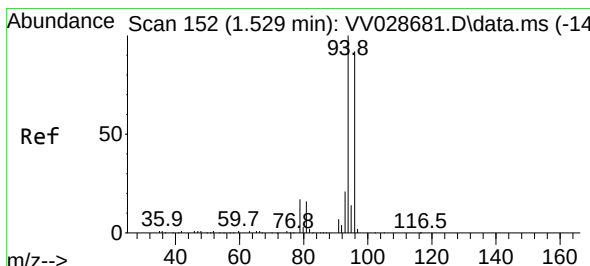
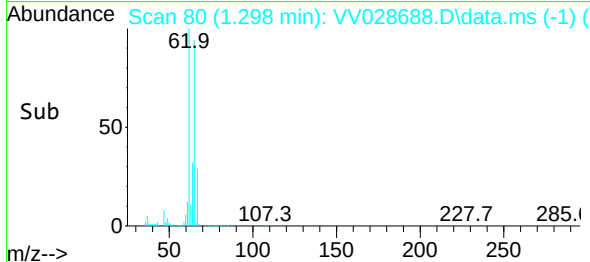
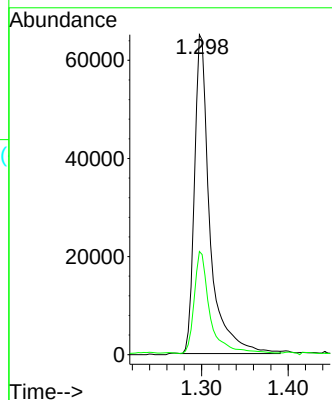
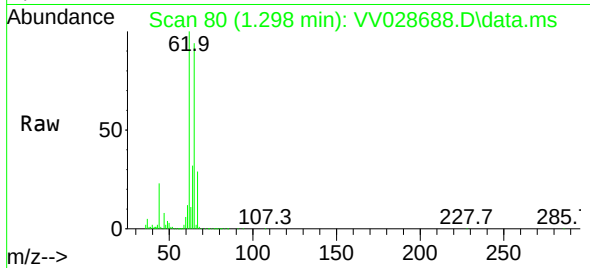




#5
 Vinyl chloride
 Concen: 5.339 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

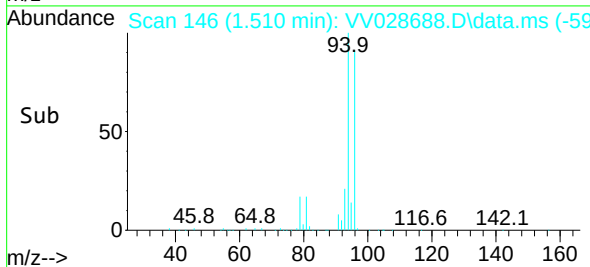
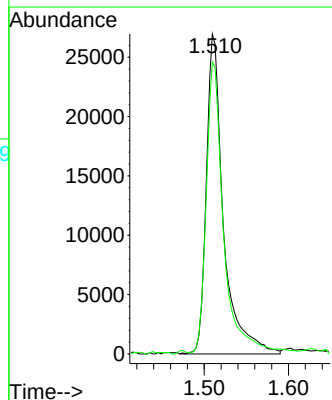
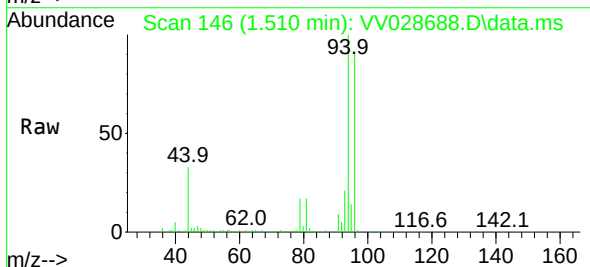
Instrument :
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 ClientSampleId :

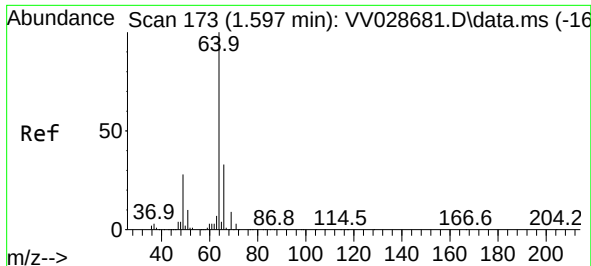
Tgt Ion: 62 Resp: 80502
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.0 41.0



#6
 Bromomethane
 Concen: 5.316 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.019 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

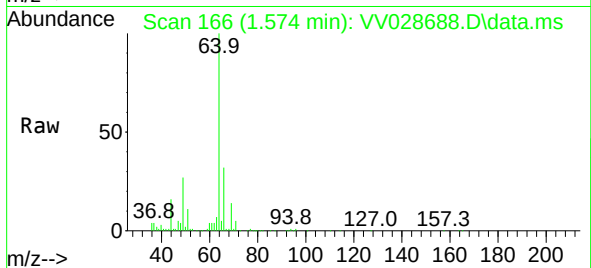
Tgt Ion: 94 Resp: 38291
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.3 119.3



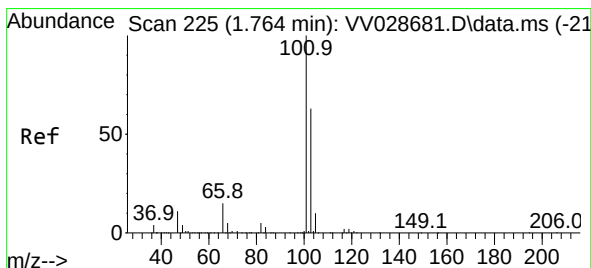
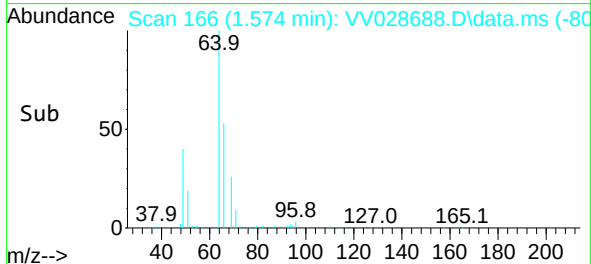
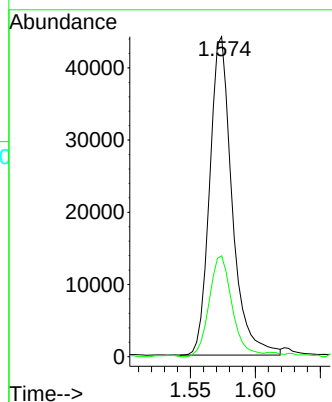


#8
Chloroethane
Concen: 5.162 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :

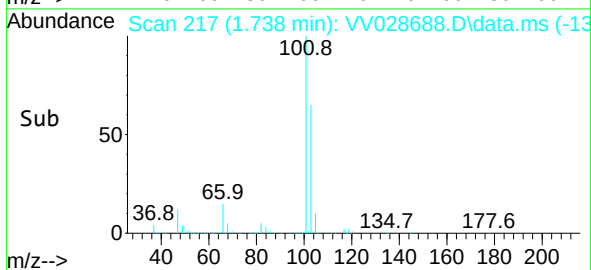
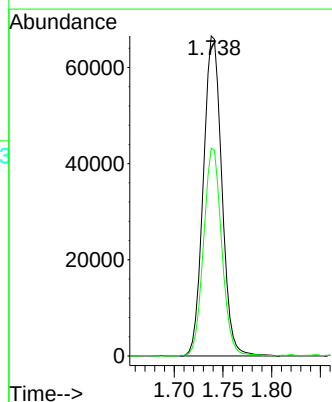
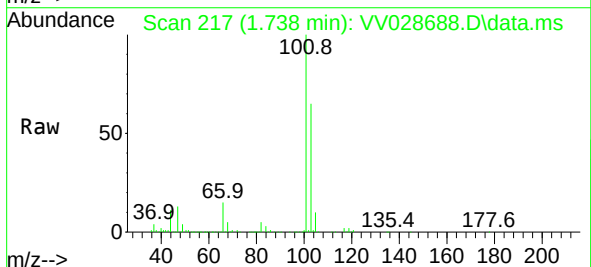


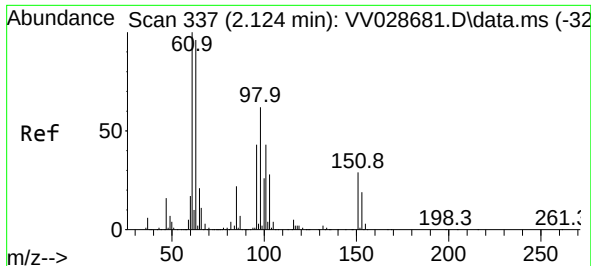
Tgt Ion: 64 Resp: 52926
Ion Ratio Lower Upper
64 100
66 31.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.365 ug/L
RT: 1.738 min Scan# 217
Delta R.T. -0.026 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion: 101 Resp: 87700
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6





#10

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

Concen: 6.140 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.023 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

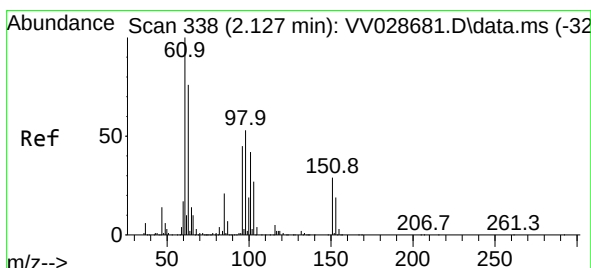
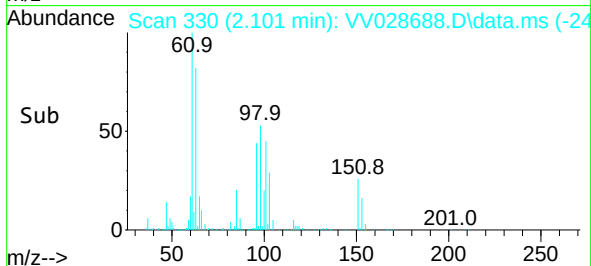
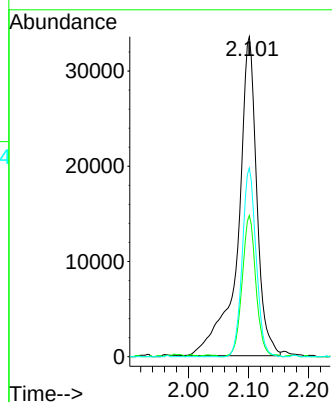
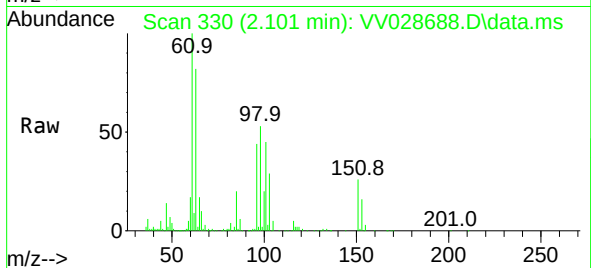
Tgt Ion:101 Resp: 73304

Ion Ratio Lower Upper

101 100

85 32.4 37.0 55.6#

151 43.6 50.2 75.2#



#12

1,1-Dichloroethene

Concen: 4.430 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.026 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

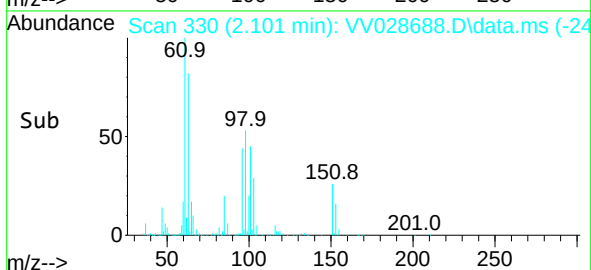
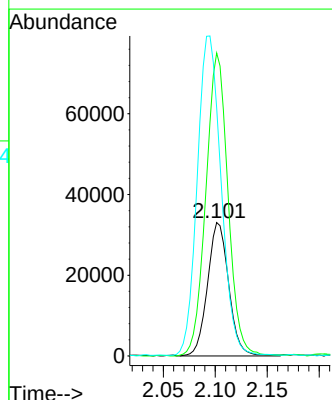
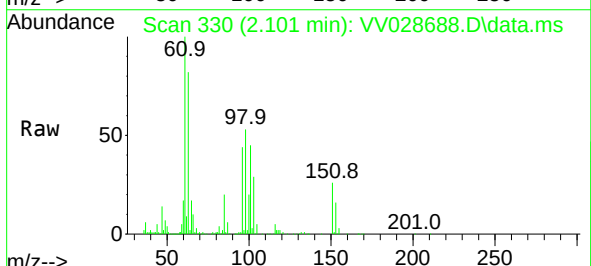
Tgt Ion: 96 Resp: 46929

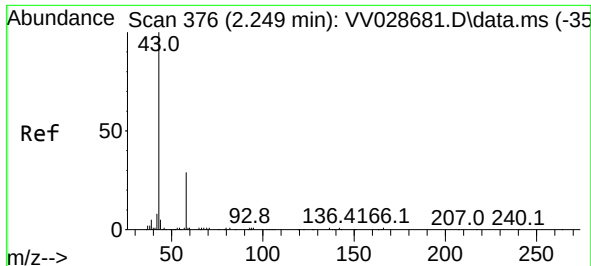
Ion Ratio Lower Upper

96 100

61 227.2 148.1 275.1

63 185.8 133.3 247.7

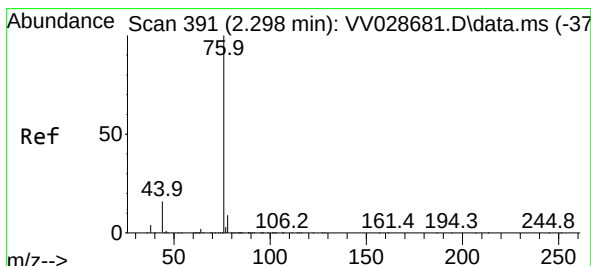
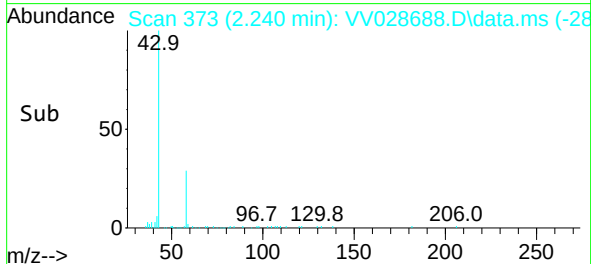
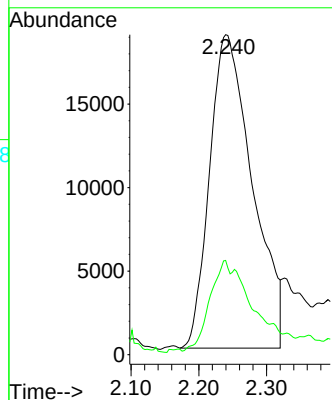
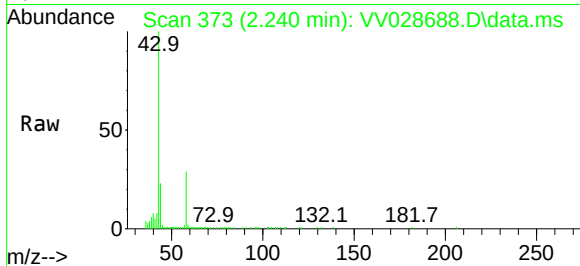




#13
Acetone
Concen: 45.473 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

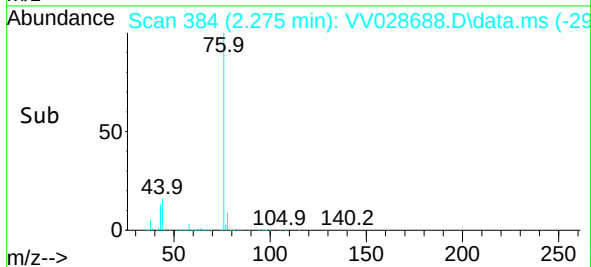
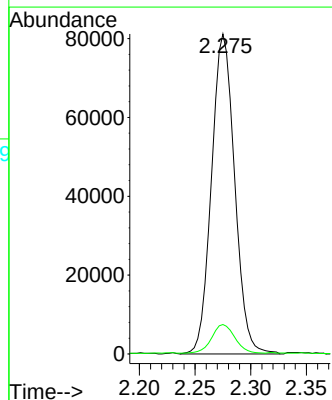
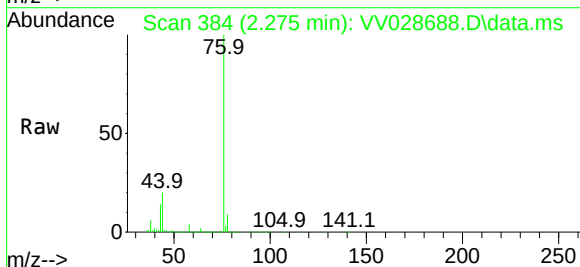
Instrument :
MSVOA_V
ClientSampleId :

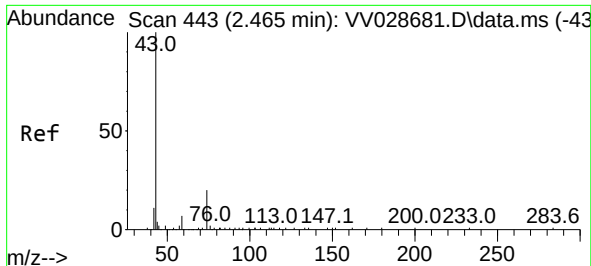
Tgt Ion: 43 Resp: 82502
Ion Ratio Lower Upper
43 100
58 13.3 0.0 50.2



#14
Carbon disulfide
Concen: 4.808 ug/L
RT: 2.275 min Scan# 384
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion: 76 Resp: 117596
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

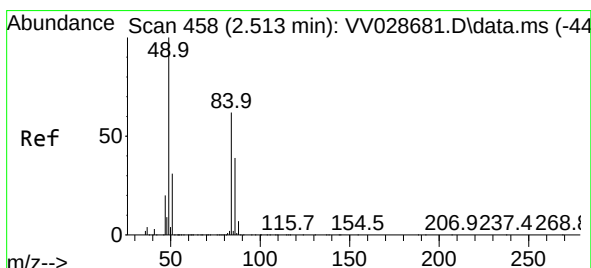
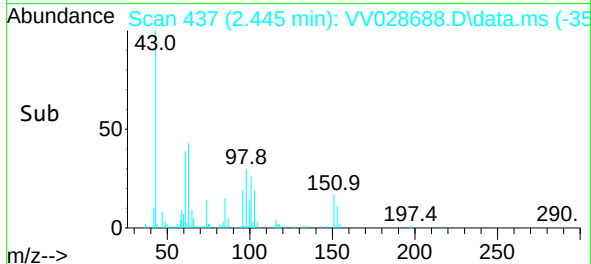
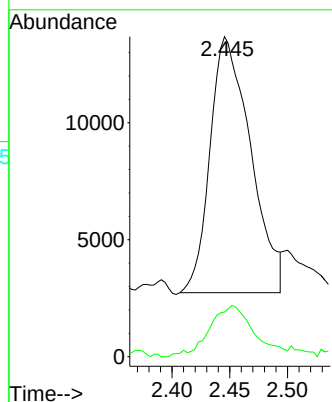
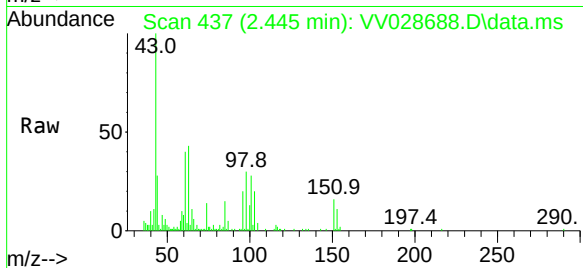




#15
Methyl Acetate
Concen: 4.860 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.019 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

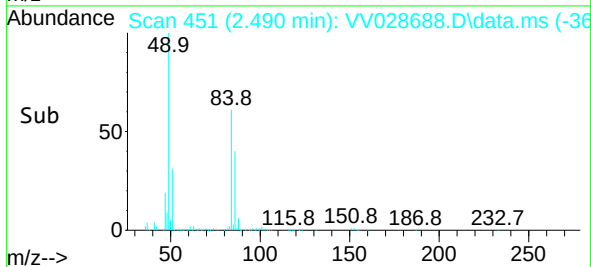
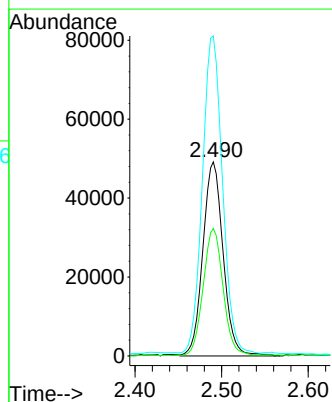
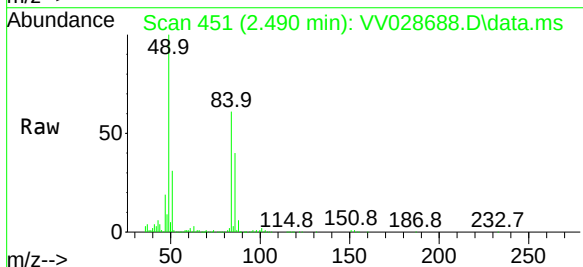
Instrument :
MSVOA_V
ClientSampleId :

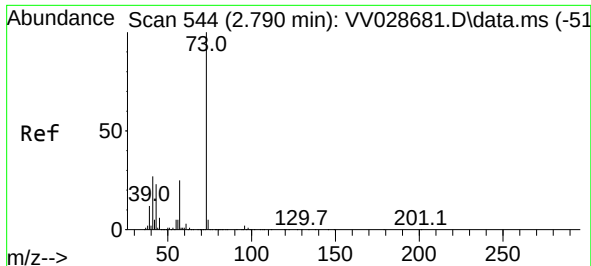
Tgt Ion: 43 Resp: 26754
Ion Ratio Lower Upper
43 100
74 21.8 14.9 22.3



#16
Methylene chloride
Concen: 5.487 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion: 84 Resp: 80160
Ion Ratio Lower Upper
84 100
86 65.7 44.4 82.4
49 164.8 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 5.786 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.026 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

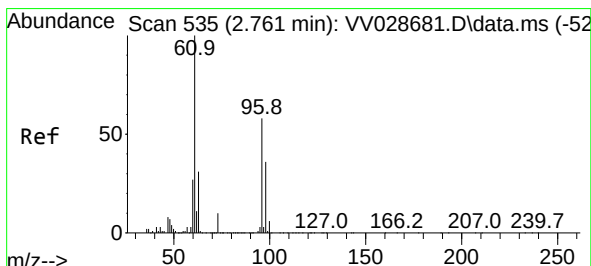
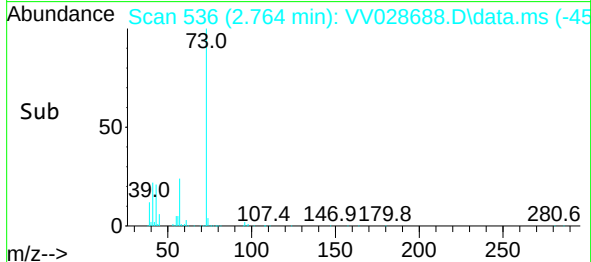
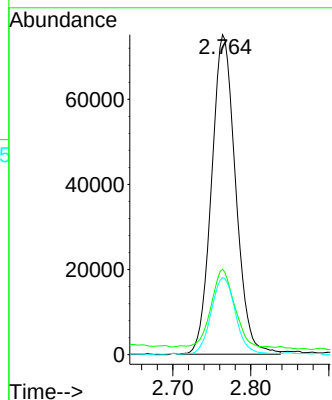
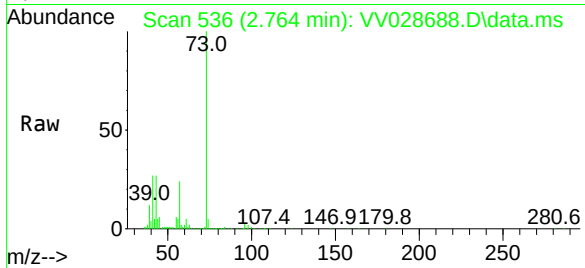
Tgt Ion: 73 Resp: 160785

Ion Ratio Lower Upper

73 100

43 23.1 18.0 27.0

57 24.1 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 4.629 ug/L

RT: 2.738 min Scan# 528

Delta R.T. -0.023 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

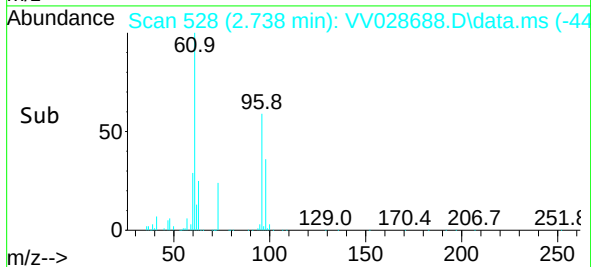
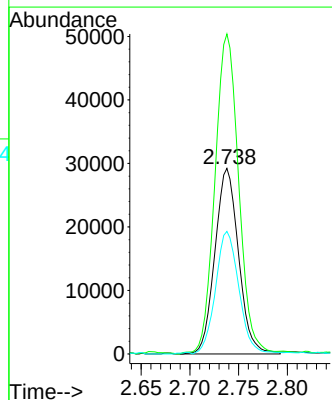
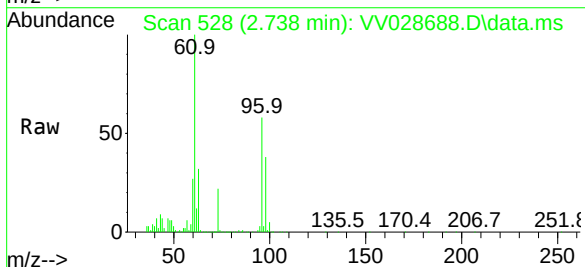
Tgt Ion: 96 Resp: 49348

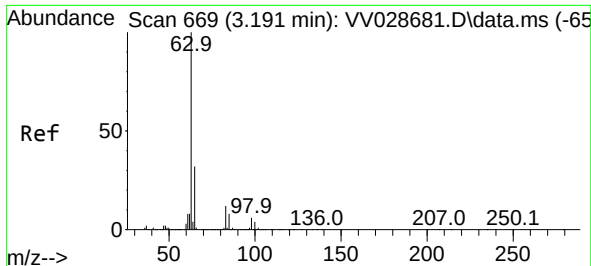
Ion Ratio Lower Upper

96 100

61 172.5 114.3 212.3

98 66.1 45.0 83.6

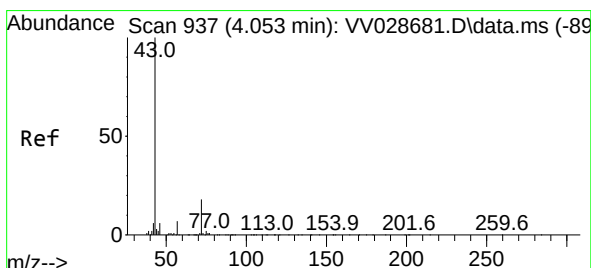
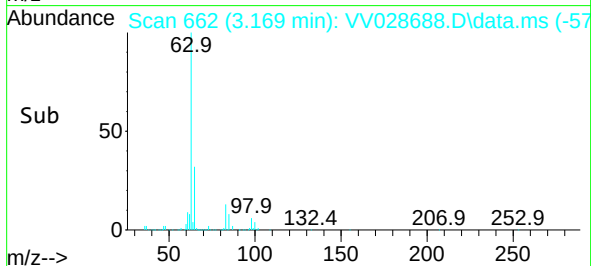
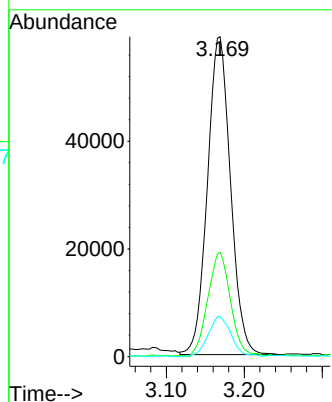
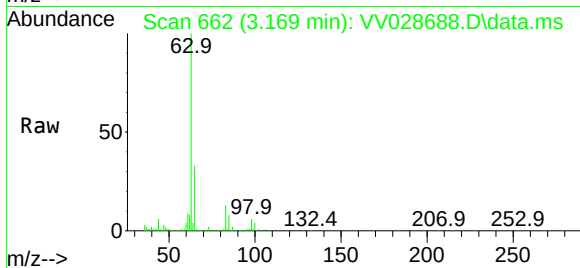




#19
1,1-Dichloroethane
Concen: 4.727 ug/L
RT: 3.169 min Scan# 60
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

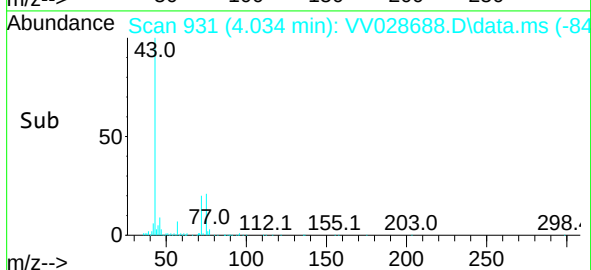
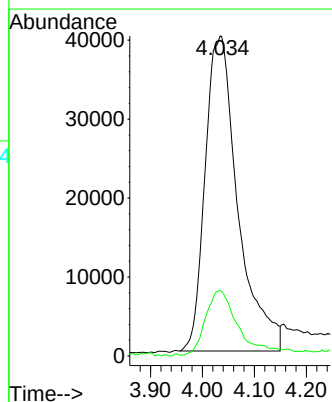
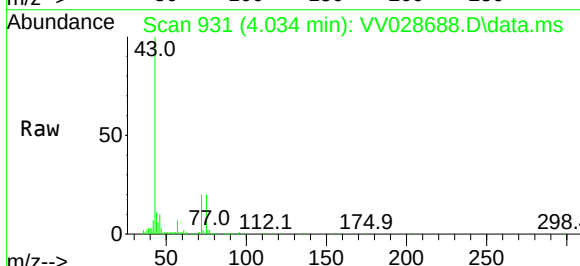
Instrument :
MSVOA_V
ClientSampleId :

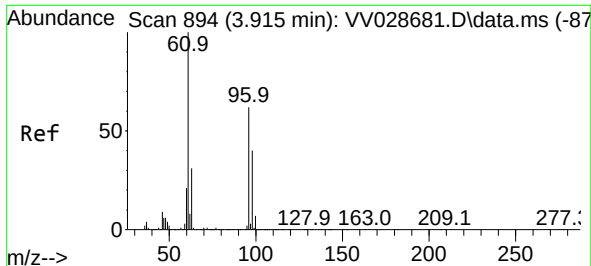
Tgt Ion: 63 Resp: 121637
Ion Ratio Lower Upper
63 100
65 32.6 23.1 42.9
83 12.5 7.9 14.7



#21
2-Butanone
Concen: 56.043 ug/L
RT: 4.034 min Scan# 931
Delta R.T. -0.019 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

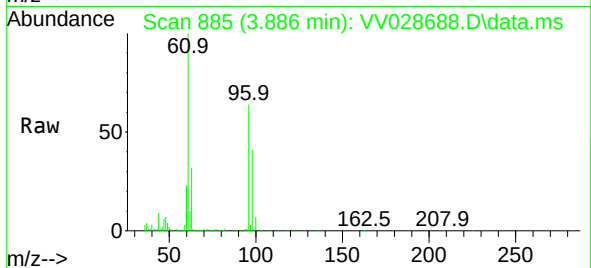
Tgt Ion: 43 Resp: 174754
Ion Ratio Lower Upper
43 100
72 20.3 10.2 30.4



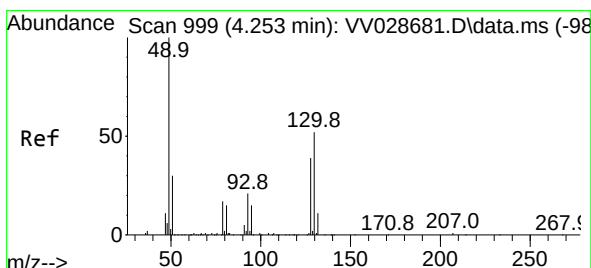
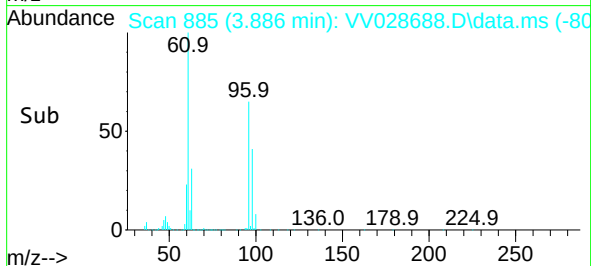
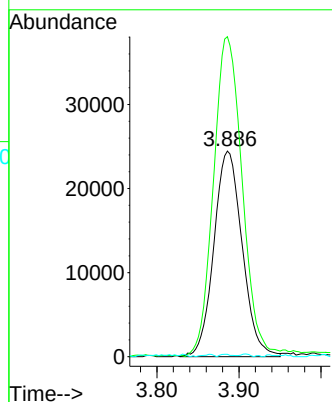


#22
 cis-1,2-Dichloroethene
 Concen: 4.596 ug/L
 RT: 3.886 min Scan# 894
 Delta R.T. -0.029 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

Instrument :
 MSVOA_V
 ClientSampleId :

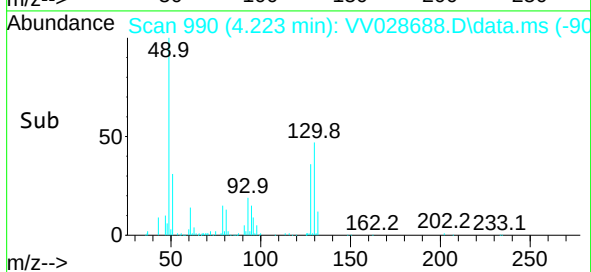
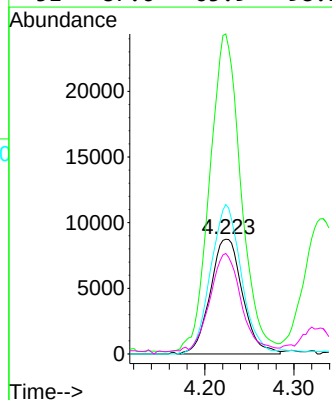
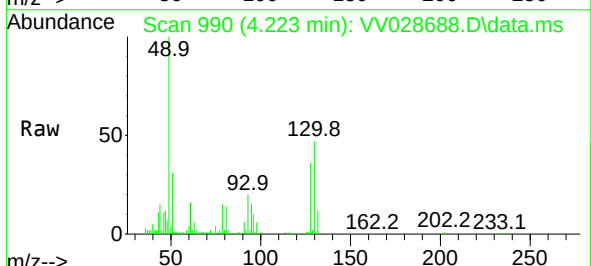


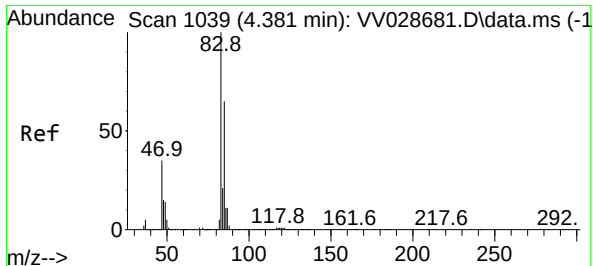
Tgt Ion: 96 Resp: 58747
 Ion Ratio Lower Upper
 96 100
 61 155.7 101.4 188.2
 68 1.2 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.588 ug/L
 RT: 4.223 min Scan# 990
 Delta R.T. -0.029 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

Tgt Ion: 128 Resp: 21920
 Ion Ratio Lower Upper
 128 100
 49 279.1 171.1 317.7
 130 130.3 86.4 160.4
 51 87.6 65.9 98.9





#25

Chloroform

Concen: 4.861 ug/L

RT: 4.352 min Scan# 1030

Delta R.T. -0.029 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

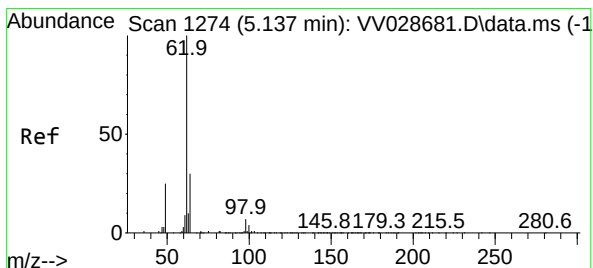
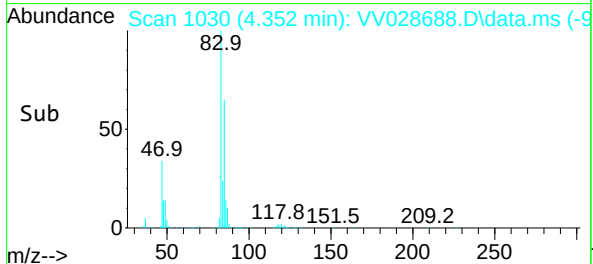
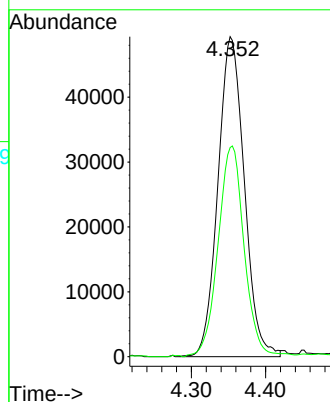
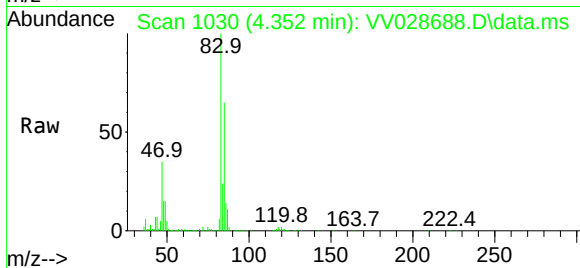
ClientSampleId :

Tgt Ion: 83 Resp: 121686

Ion Ratio Lower Upper

83 100

85 65.4 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.947 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. -0.020 min

Lab File: VV028688.D

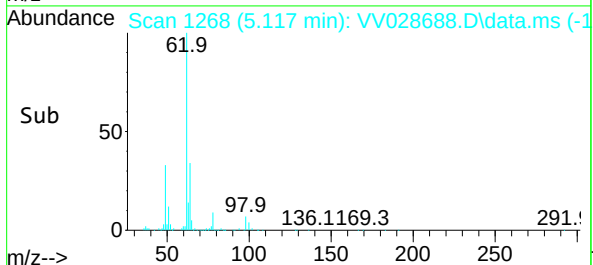
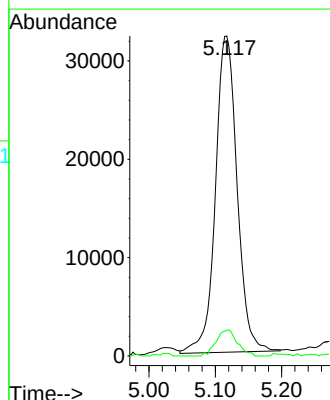
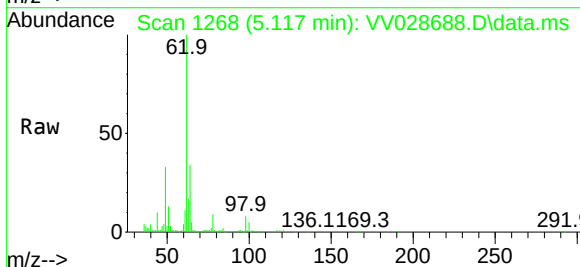
Acq: 26 Oct 2022 11:43

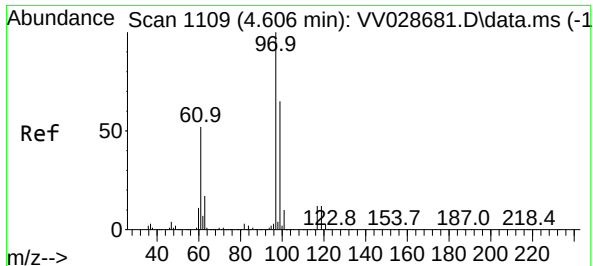
Tgt Ion: 62 Resp: 73173

Ion Ratio Lower Upper

62 100

98 8.0 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.588 ug/L

RT: 4.580 min Scan# 1110

Delta R.T. -0.026 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

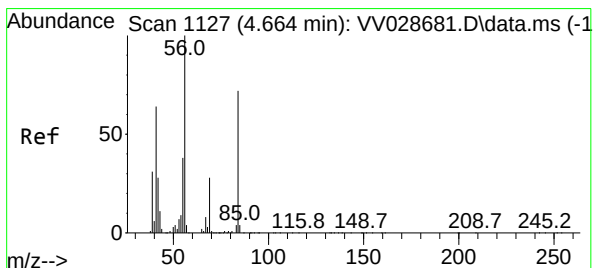
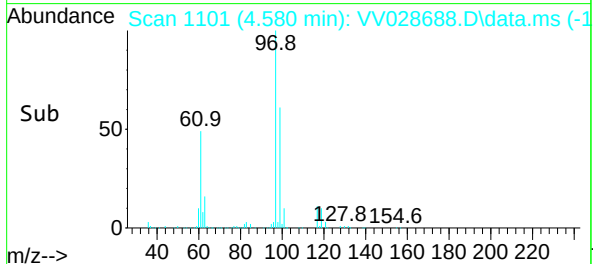
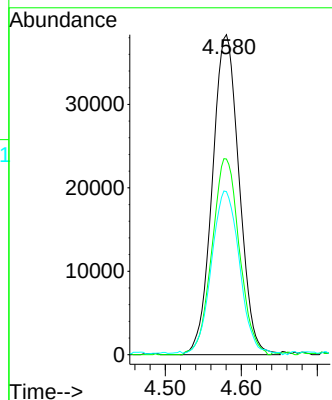
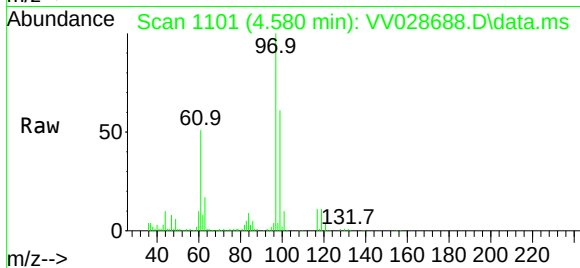
Tgt Ion: 97 Resp: 93882

Ion Ratio Lower Upper

97 100

99 62.5 50.5 75.7

61 54.0 43.1 64.7



#30

Cyclohexane

Concen: 5.370 ug/L

RT: 4.638 min Scan# 1119

Delta R.T. -0.026 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

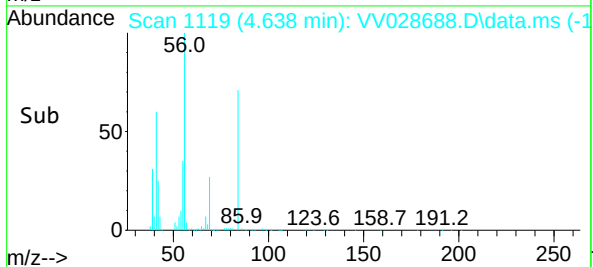
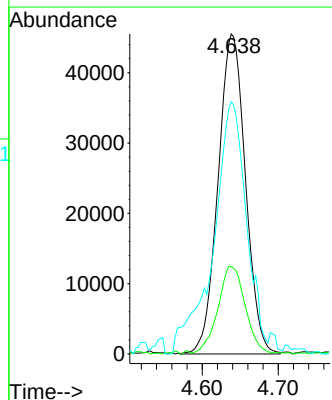
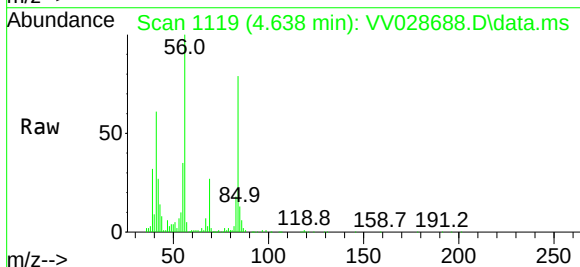
Tgt Ion: 56 Resp: 113877

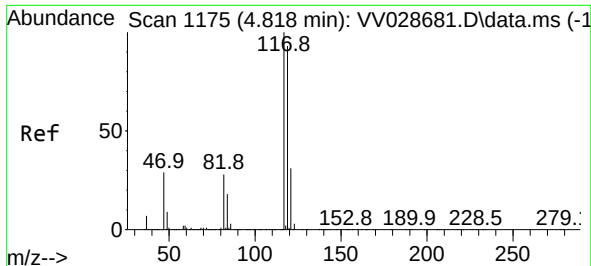
Ion Ratio Lower Upper

56 100

69 26.6 22.6 34.0

84 95.0 60.4 90.6#

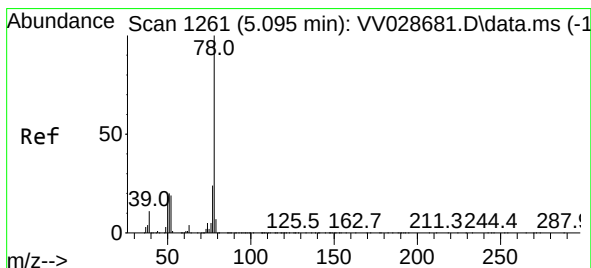
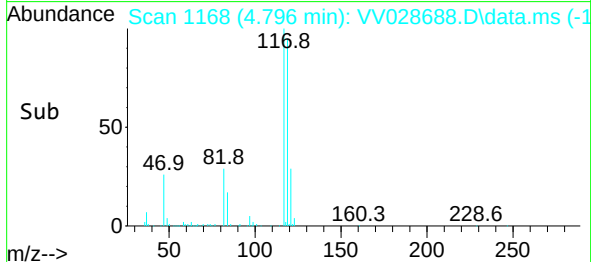
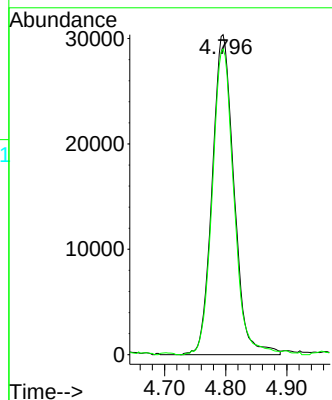
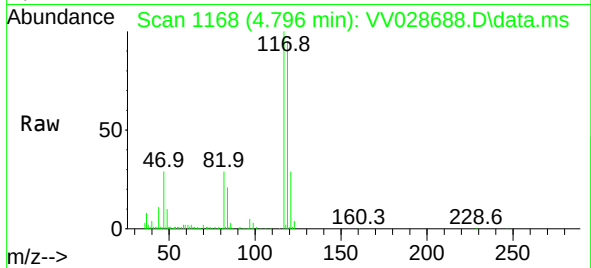




#31
Carbon tetrachloride
Concen: 4.579 ug/L
RT: 4.796 min Scan# 1175
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

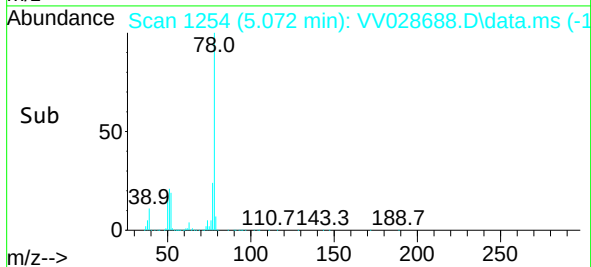
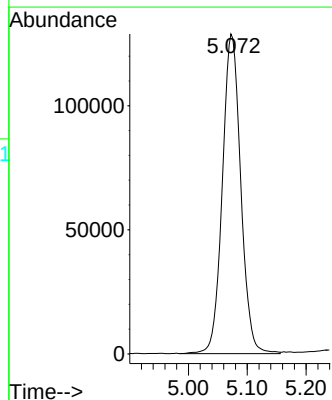
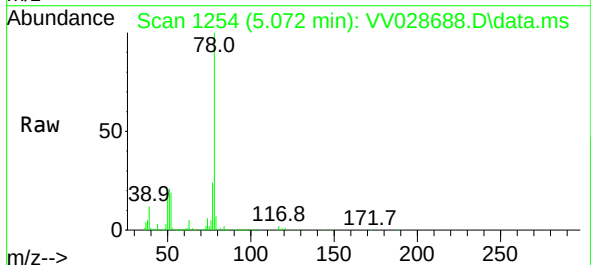
Instrument : MSVOA_V
ClientSampleId :

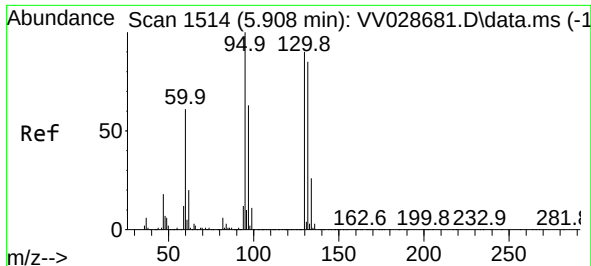
Tgt Ion:117 Resp: 75262
Ion Ratio Lower Upper
117 100
119 94.6 76.1 114.1



#33
Benzene
Concen: 5.502 ug/L
RT: 5.072 min Scan# 1254
Delta R.T. -0.023 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion: 78 Resp: 279789





#34

Trichloroethene

Concen: 5.151 ug/L

RT: 5.889 min Scan# 1

Delta R.T. -0.019 min

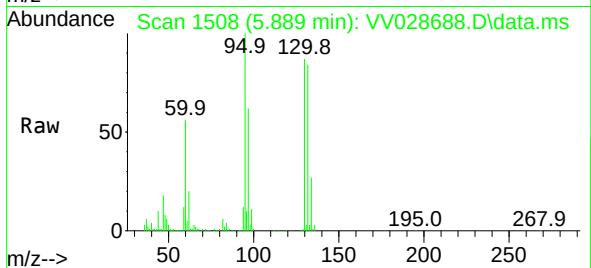
Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 64899

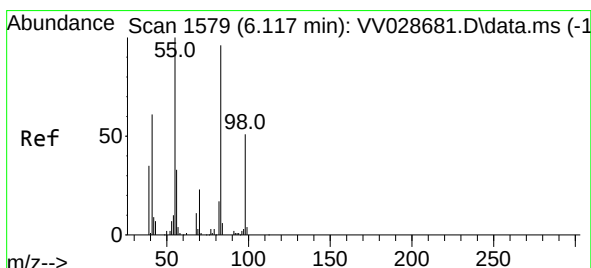
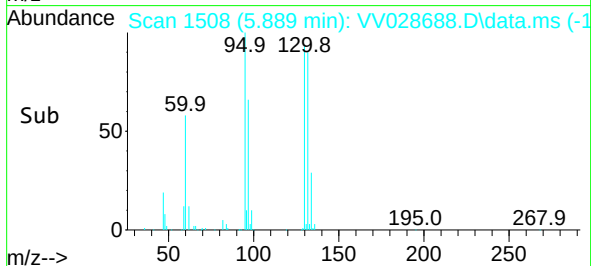
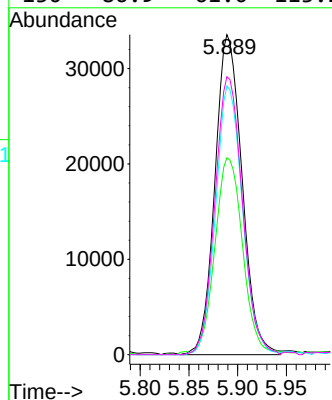
Ion Ratio Lower Upper

95 100

97 61.6 43.5 80.9

132 83.9 56.5 104.9

130 86.9 61.0 113.2



#35

Methylcyclohexane

Concen: 5.890 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. -0.016 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

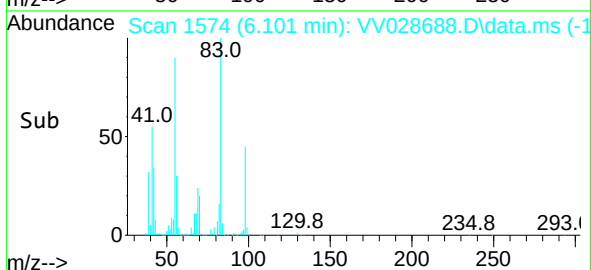
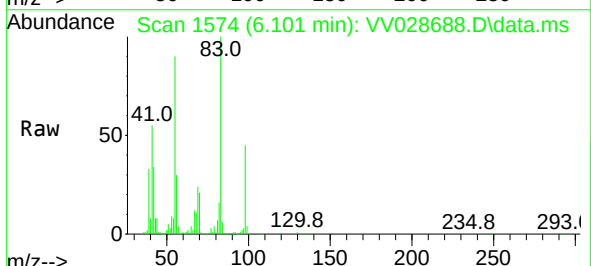
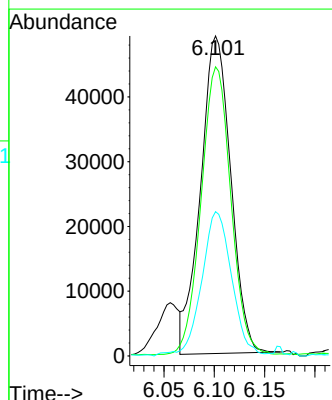
Tgt Ion: 83 Resp: 102490

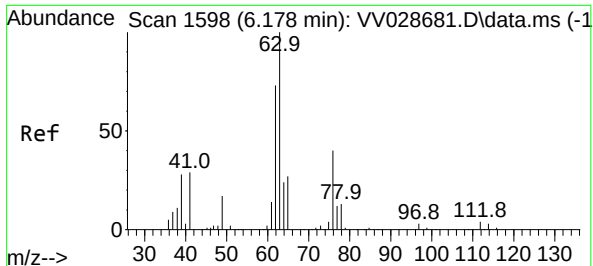
Ion Ratio Lower Upper

83 100

55 89.4 70.0 105.0

98 45.2 35.6 53.4





#37

1,2-Dichloropropane

Concen: 5.781 ug/L

RT: 6.159 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

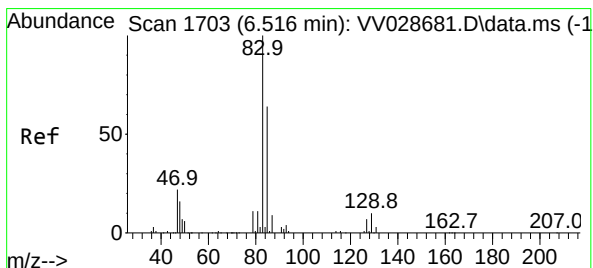
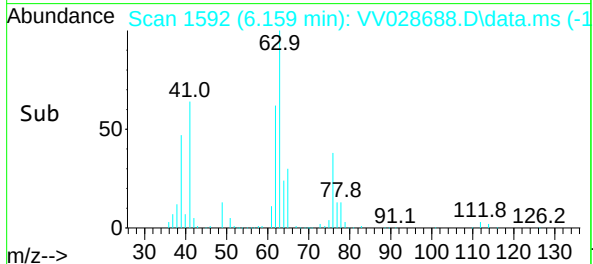
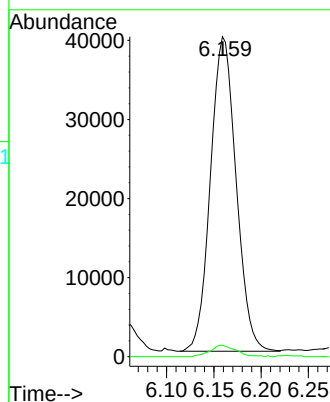
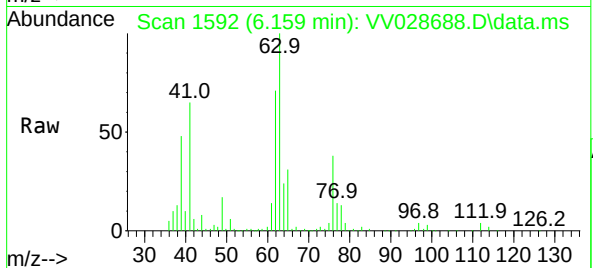
ClientSampleId :

Tgt Ion: 63 Resp: 75112

Ion Ratio Lower Upper

63 100

112 3.7 3.4 5.2



#38

Bromodichloromethane

Concen: 5.061 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.019 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

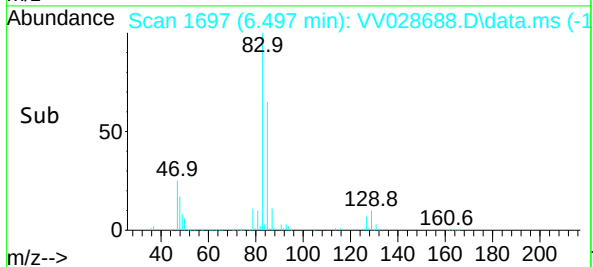
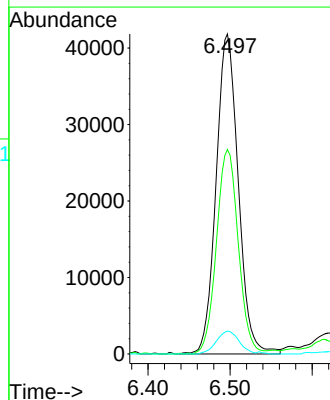
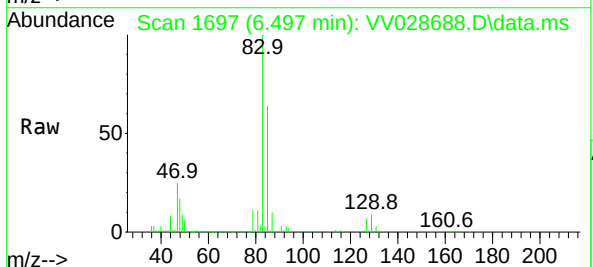
Tgt Ion: 83 Resp: 78625

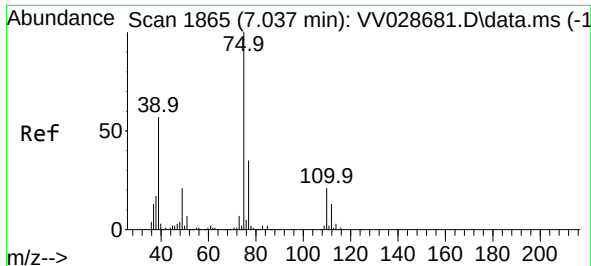
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

127 7.1 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 5.829 ug/L

RT: 7.014 min Scan# 11

Delta R.T. -0.023 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

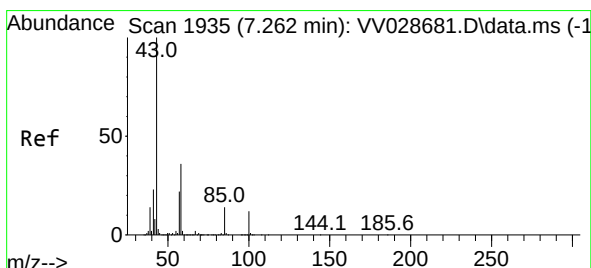
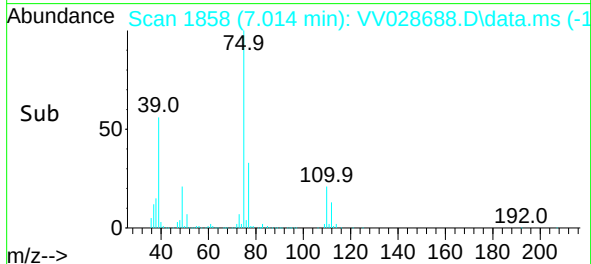
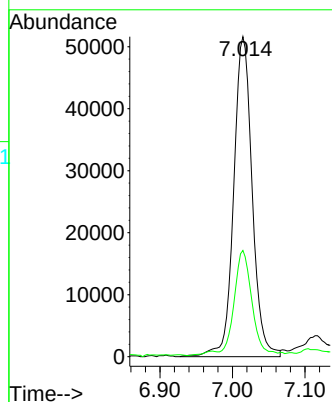
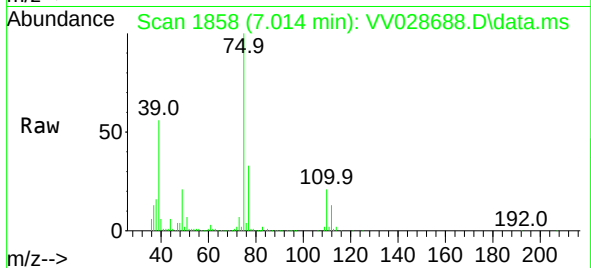
ClientSampleId :

Tgt Ion: 75 Resp: 91798

Ion Ratio Lower Upper

75 100

77 33.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 62.160 ug/L

RT: 7.243 min Scan# 1929

Delta R.T. -0.019 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

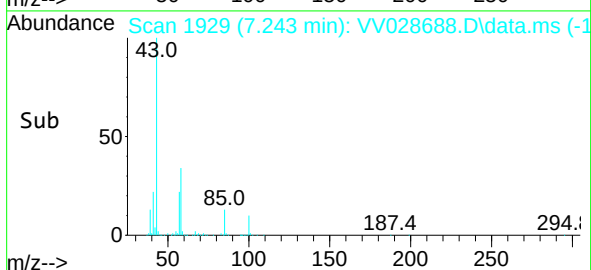
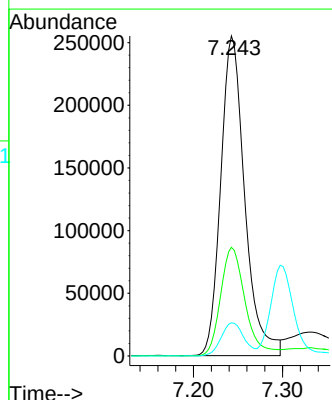
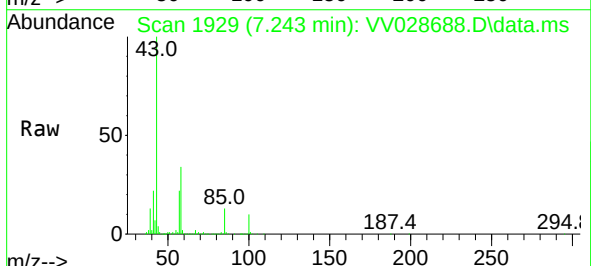
Tgt Ion: 43 Resp: 478168

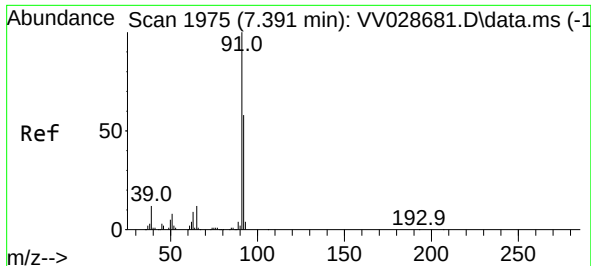
Ion Ratio Lower Upper

43 100

58 34.9 29.6 44.4

100 9.9 9.4 14.0





#42

Toluene

Concen: 5.608 ug/L

RT: 7.371 min Scan# 1975

Delta R.T. -0.019 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

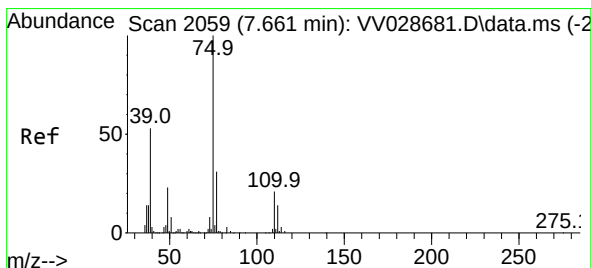
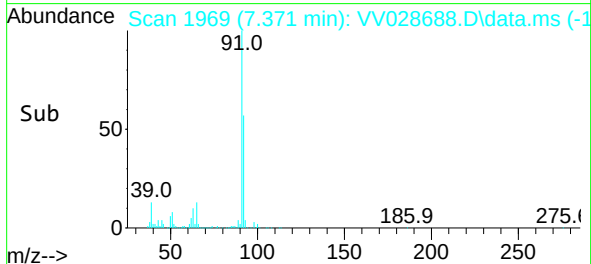
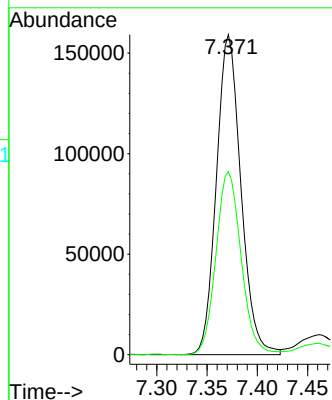
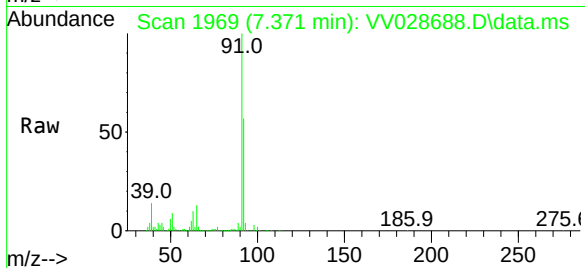
ClientSampleId :

Tgt Ion: 91 Resp: 270408

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.501 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.020 min

Lab File: VV028688.D

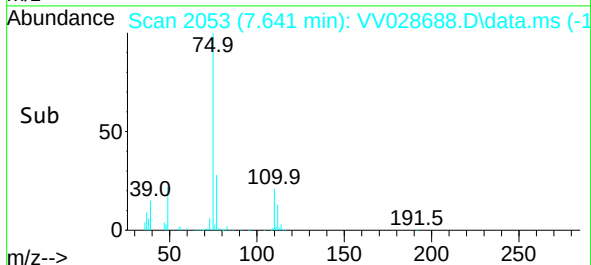
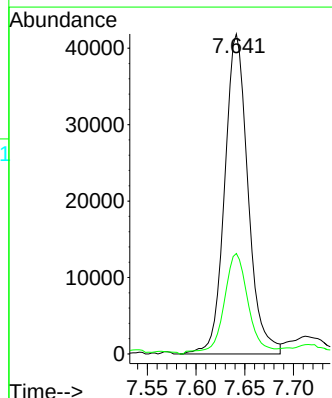
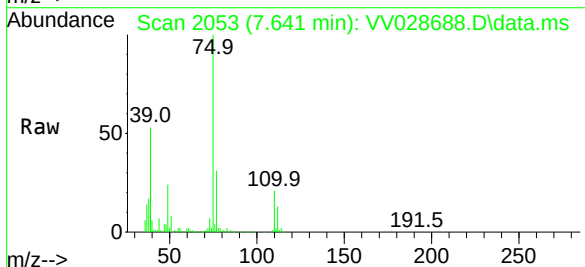
Acq: 26 Oct 2022 11:43

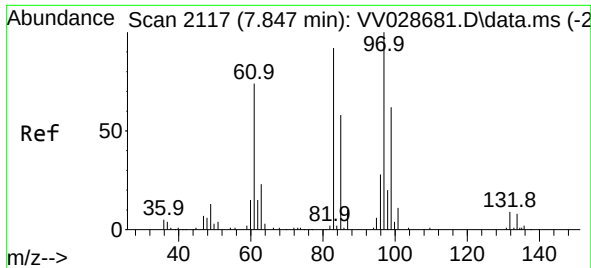
Tgt Ion: 75 Resp: 69830

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0

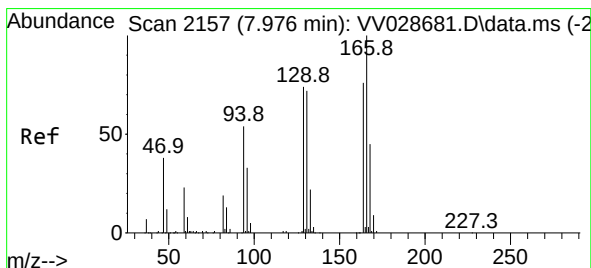
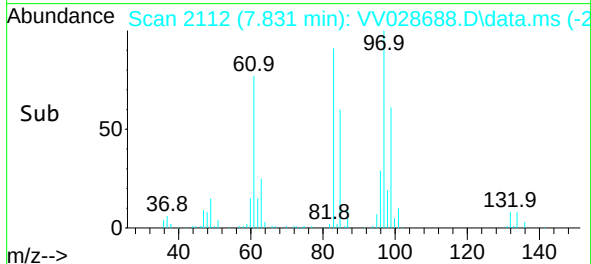
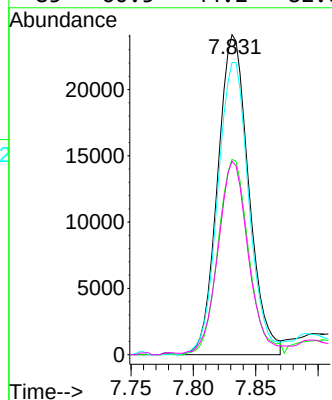
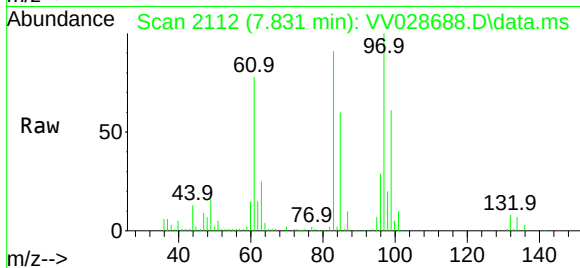




#45
1,1,2-Trichloroethane
Concen: 5.247 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.016 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

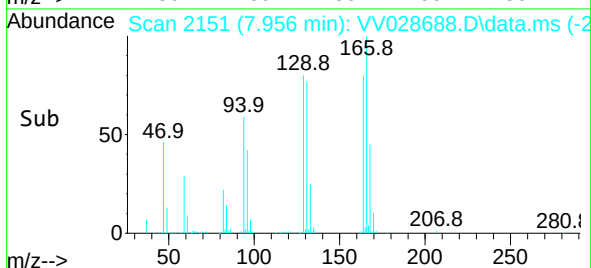
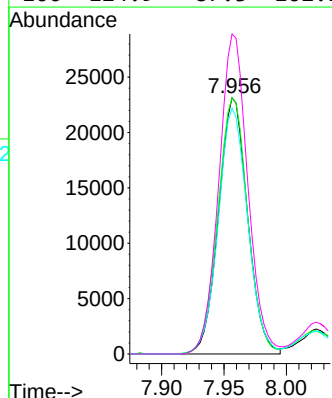
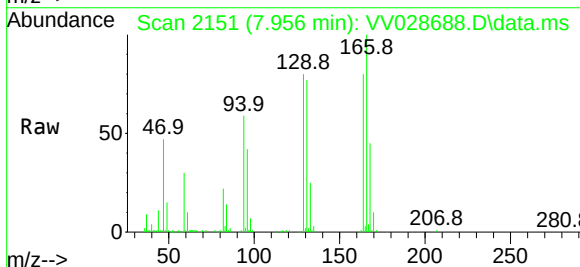
Instrument :
MSVOA_V
ClientSampleId :

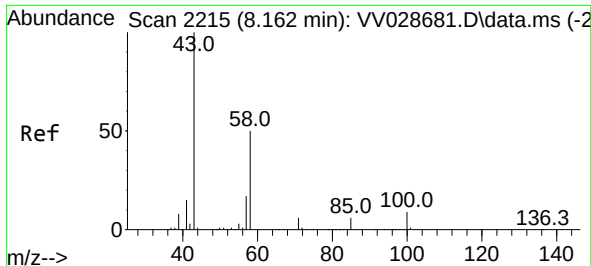
Tgt Ion:	97	Resp:	41902
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.0	81.6
83	91.3	66.2	123.0
85	60.5	44.2	82.0



#47
Tetrachloroethene
Concen: 4.846 ug/L
RT: 7.956 min Scan# 2151
Delta R.T. -0.019 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

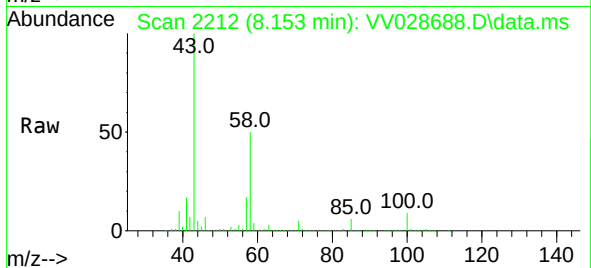
Tgt Ion:	164	Resp:	37471
Ion	Ratio	Lower	Upper
164	100		
129	99.9	69.2	128.6
131	95.9	64.2	119.2
166	124.9	87.3	162.1



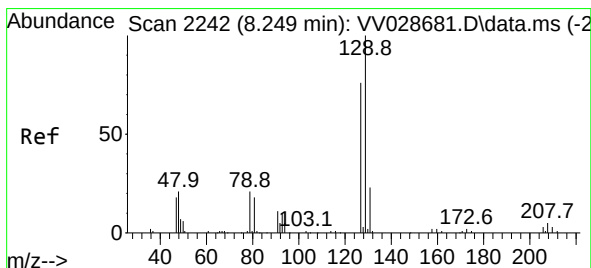
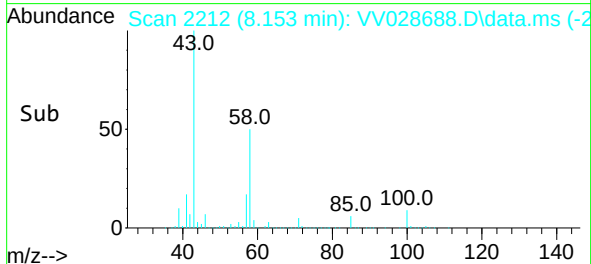
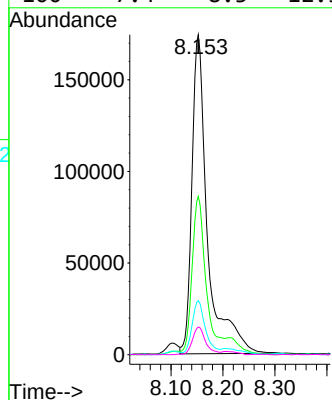


#48
2-Hexanone
Concen: 66.994 ug/L
RT: 8.153 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :

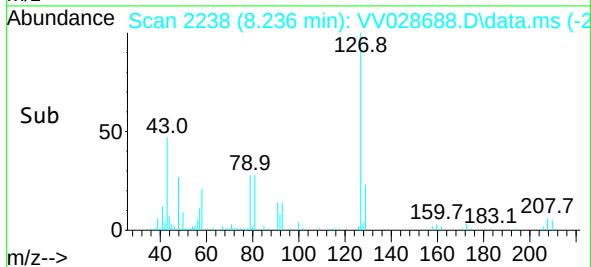
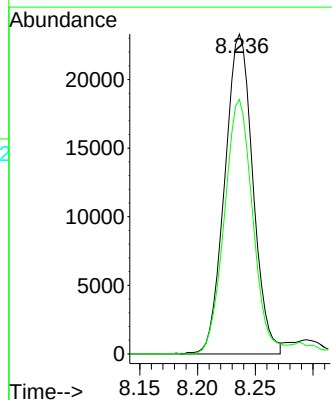
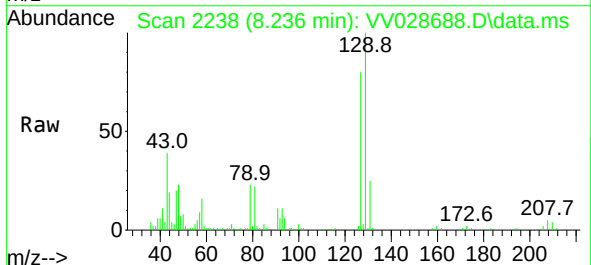


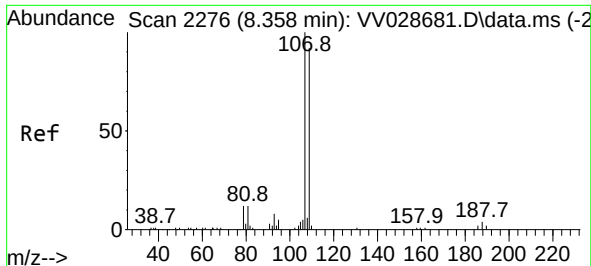
Tgt Ion: 43 Resp: 364644
Ion Ratio Lower Upper
43 100
58 41.7 40.6 60.8
57 14.5 13.8 20.8
100 7.4 8.3 12.5#



#49
Dibromochloromethane
Concen: 4.728 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.013 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion: 129 Resp: 39553
Ion Ratio Lower Upper
129 100
127 79.6 51.6 95.8

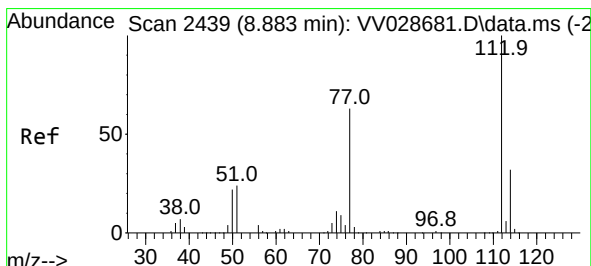
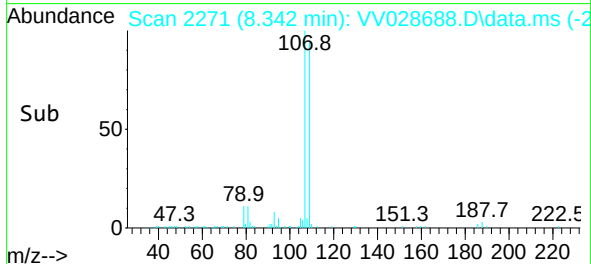
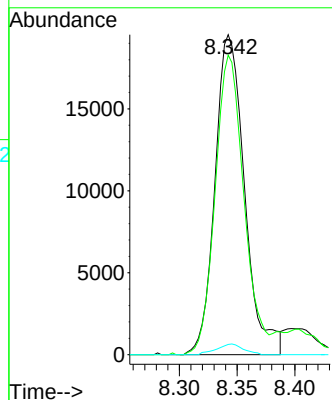
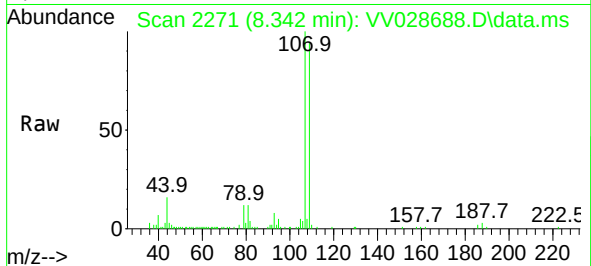




#50
1,2-Dibromoethane
Concen: 5.004 ug/L
RT: 8.342 min Scan# 21
Delta R.T. -0.016 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

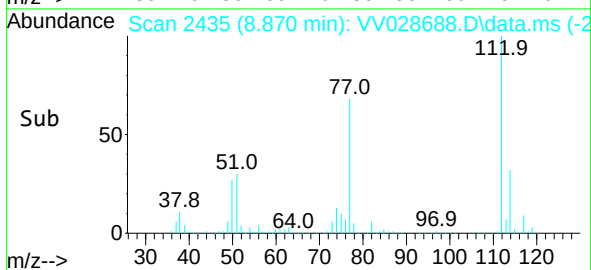
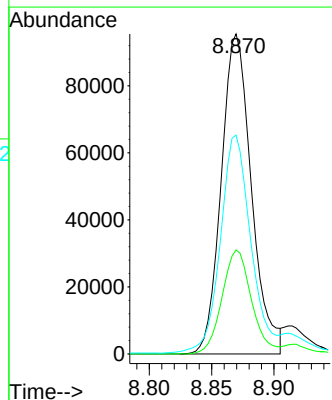
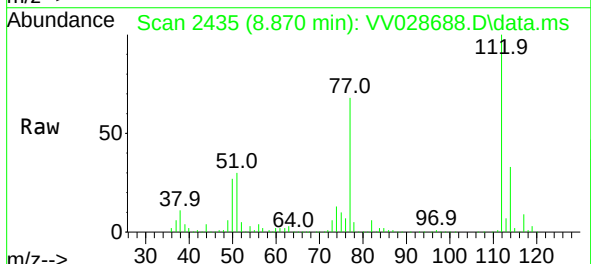
Instrument :
MSVOA_V
ClientSampleId :

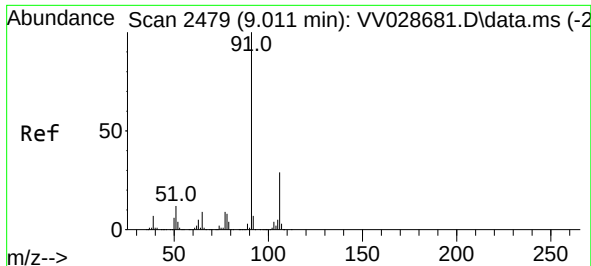
Tgt Ion:107 Resp: 34785
Ion Ratio Lower Upper
107 100
109 93.6 64.0 118.8
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 5.301 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.013 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion:112 Resp: 160930
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 68.4 50.0 75.0





#52

Ethylbenzene

Concen: 6.028 ug/L

RT: 8.998 min Scan# 2479

Delta R.T. -0.013 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

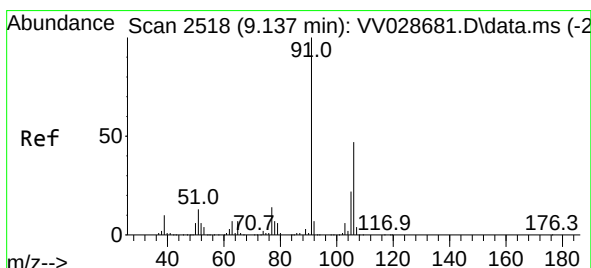
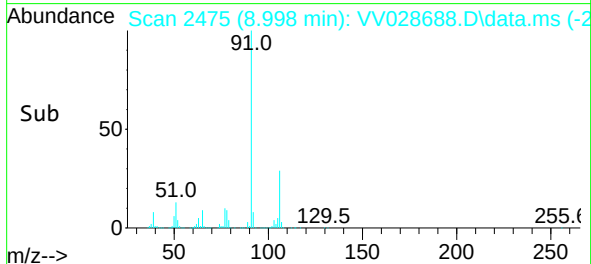
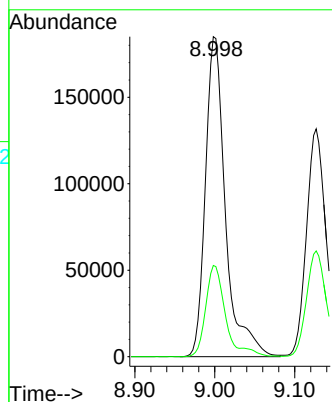
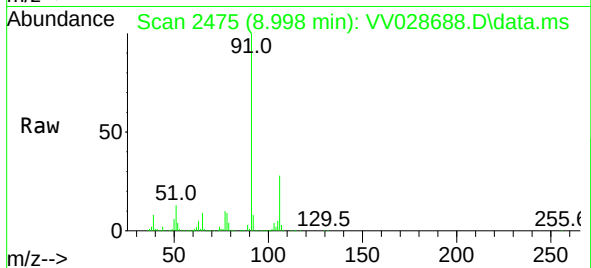
ClientSampleId :

Tgt Ion: 91 Resp: 322984

Ion Ratio Lower Upper

91 100

106 28.5 21.3 39.6



#53

m,p-Xylene

Concen: 5.753 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.010 min

Lab File: VV028688.D

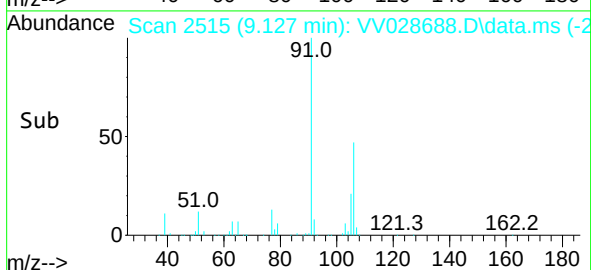
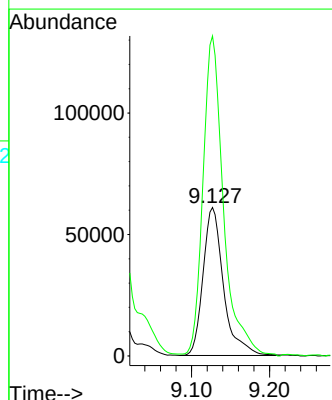
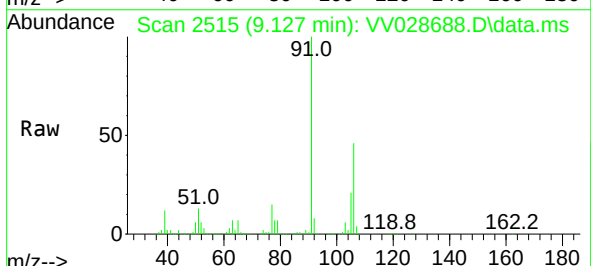
Acq: 26 Oct 2022 11:43

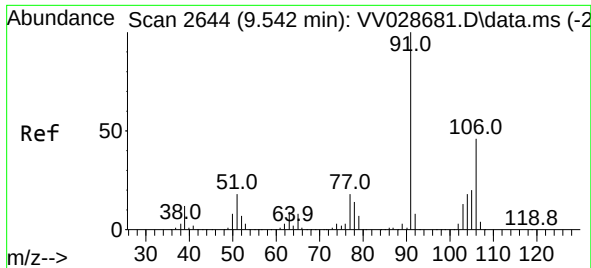
Tgt Ion: 106 Resp: 111306

Ion Ratio Lower Upper

106 100

91 215.5 145.5 270.1

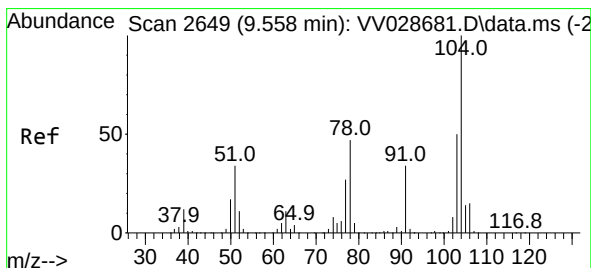
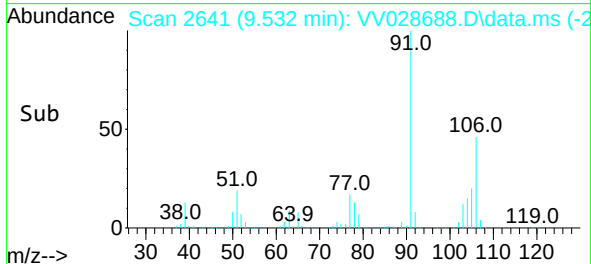
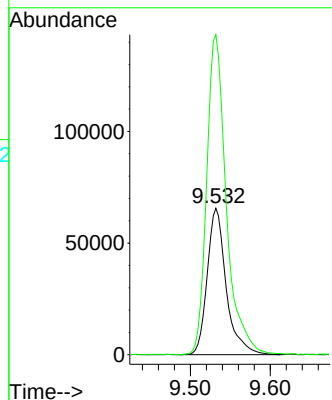
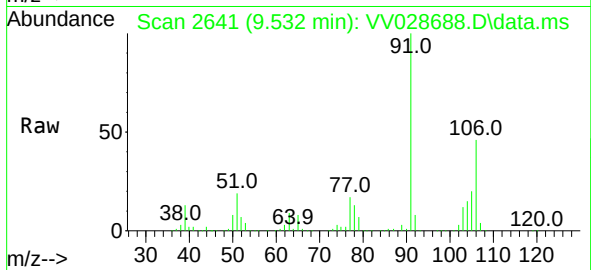




#54
o-Xylene
Concen: 5.574 ug/L
RT: 9.532 min Scan# 20
Delta R.T. -0.010 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

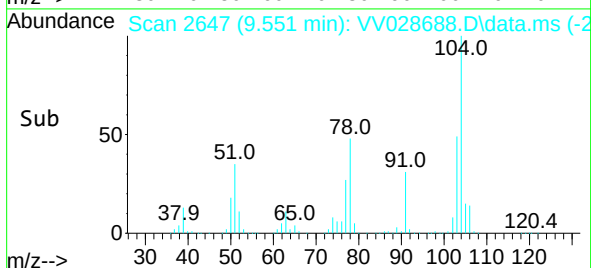
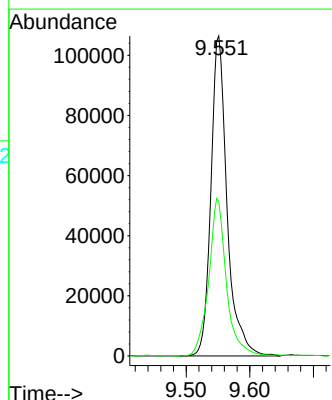
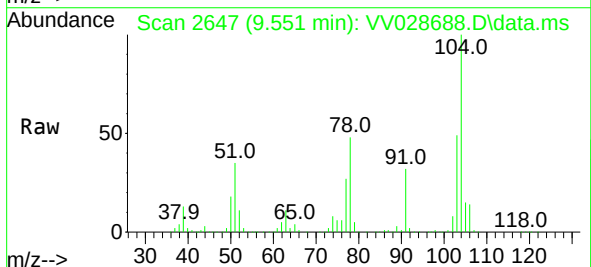
Instrument :
MSVOA_V
ClientSampleId :

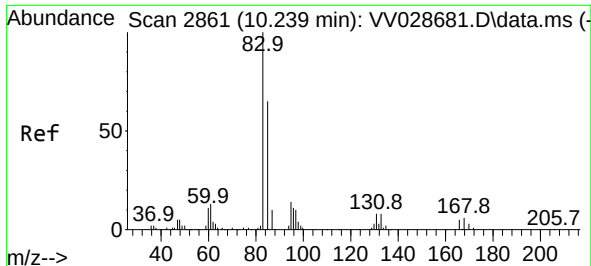
Tgt Ion:106 Resp: 108495
Ion Ratio Lower Upper
106 100
91 218.5 159.0 295.4



#55
Styrene
Concen: 5.726 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.007 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion:104 Resp: 187926
Ion Ratio Lower Upper
104 100
78 48.2 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.125 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

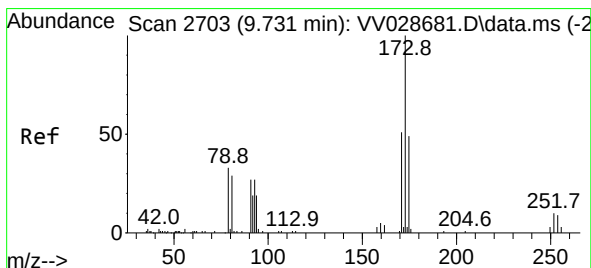
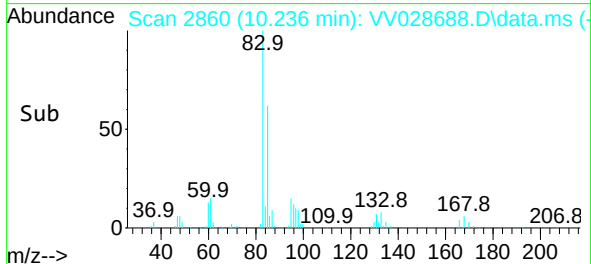
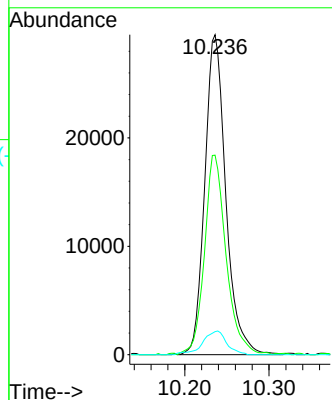
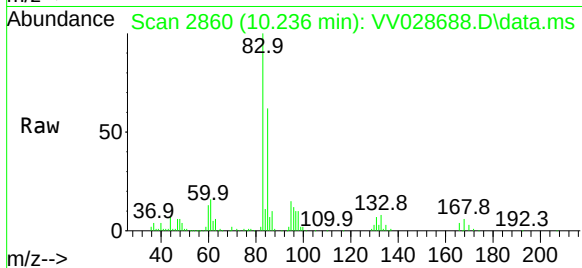
Tgt Ion: 83 Resp: 51324

Ion Ratio Lower Upper

83 100

85 62.3 43.0 80.0

131 7.2 6.5 9.7



#59

Bromoform

Concen: 4.632 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.010 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

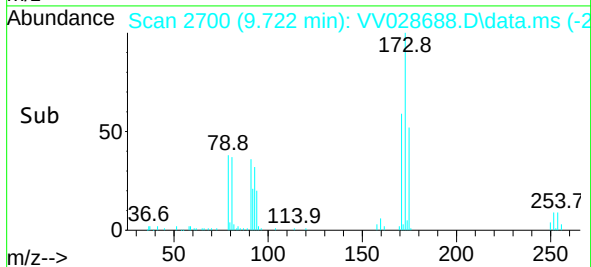
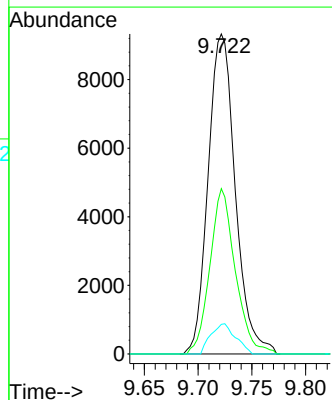
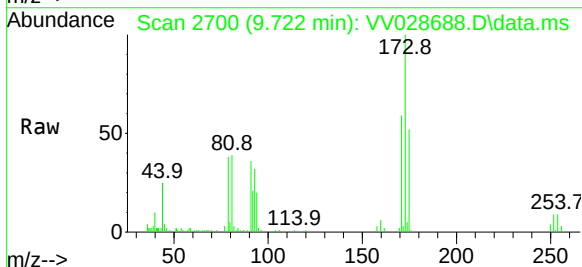
Tgt Ion: 173 Resp: 16397

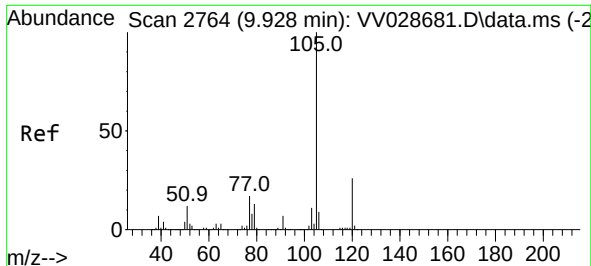
Ion Ratio Lower Upper

173 100

175 48.4 39.8 59.8

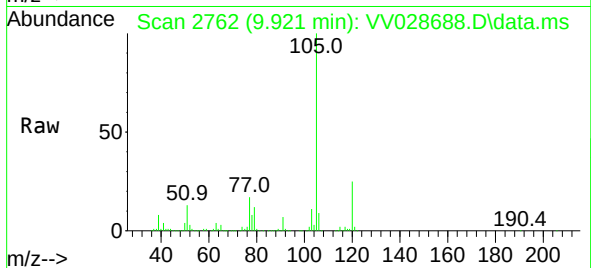
254 8.6 7.3 10.9



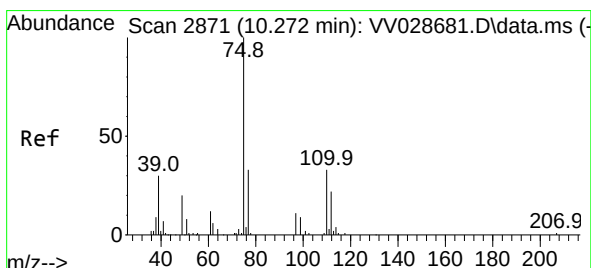
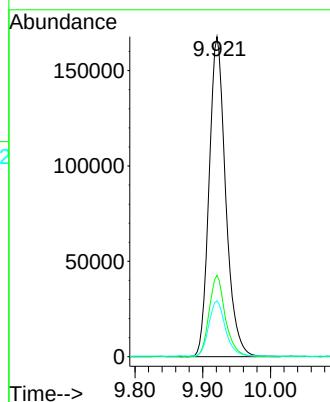
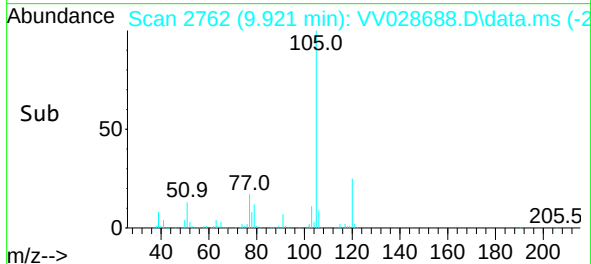


#60
Isopropylbenzene
Concen: 6.282 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

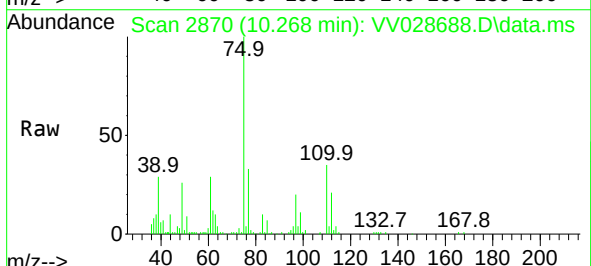
Instrument :
MSVOA_V
ClientSampleId :



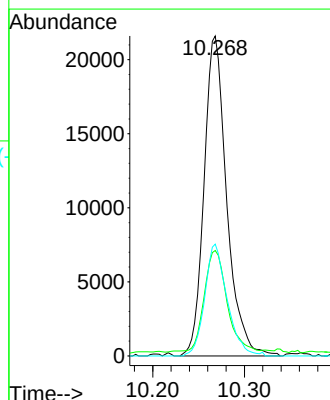
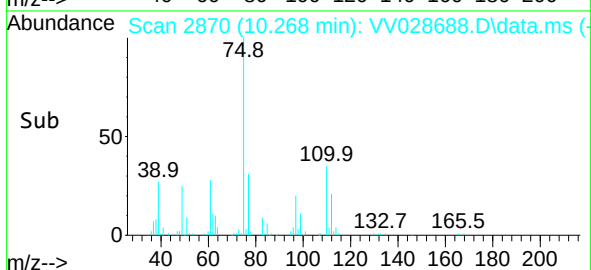
Tgt Ion:105 Resp: 285019
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 17.1 13.4 20.0

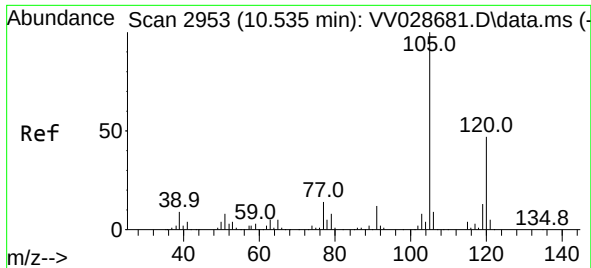


#61
1,2,3-Trichloropropane
Concen: 5.999 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43



Tgt Ion: 75 Resp: 37134
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
110 34.6 27.9 41.9

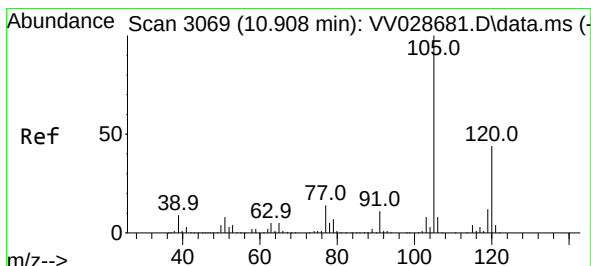
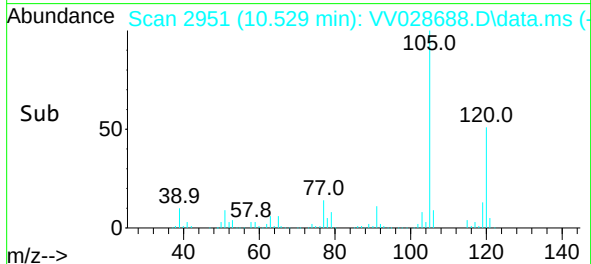
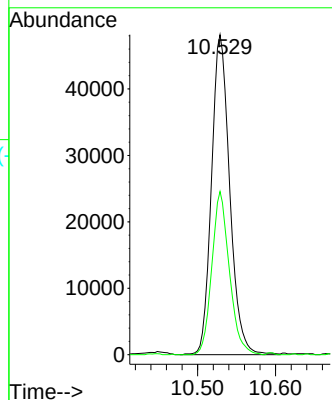
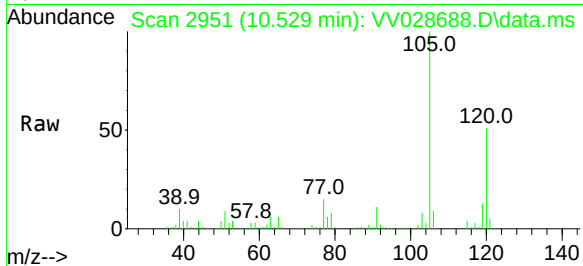




#62
1,3,5-Trimethylbenzene
Concen: 5.924 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.007 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

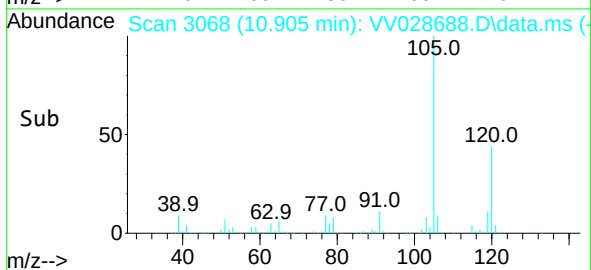
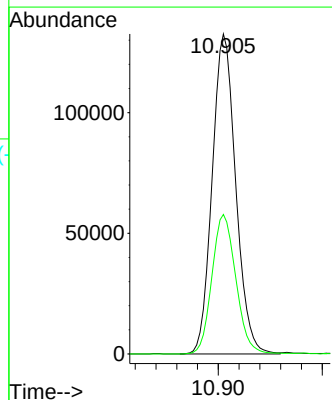
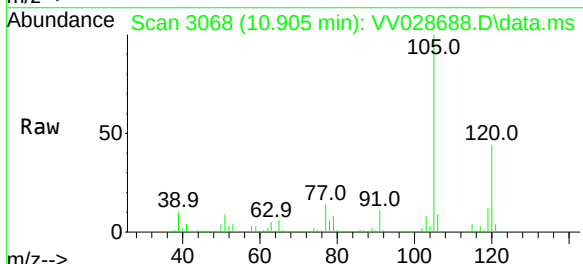
Instrument :
MSVOA_V
ClientSampleId :

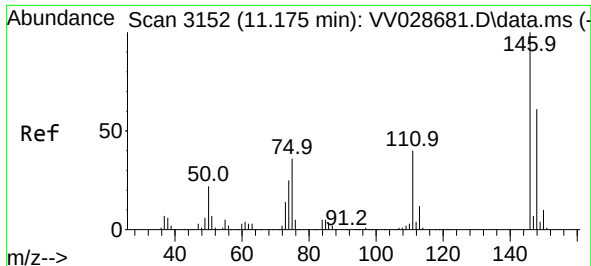
Tgt Ion:105 Resp: 78402
Ion Ratio Lower Upper
105 100
120 49.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.694 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.003 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

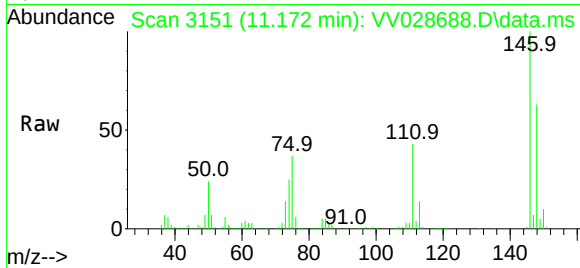
Tgt Ion:105 Resp: 208706
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.2



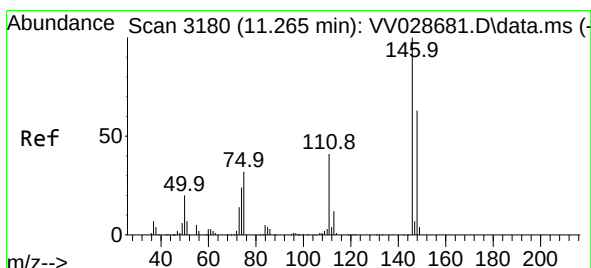
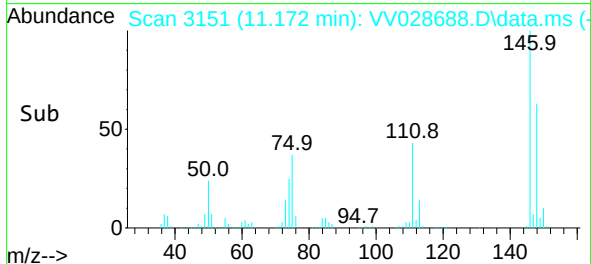
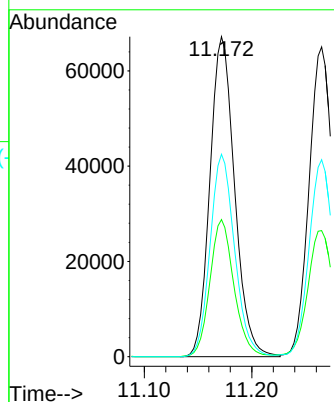


#64
1,3-Dichlorobenzene
Concen: 5.491 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :

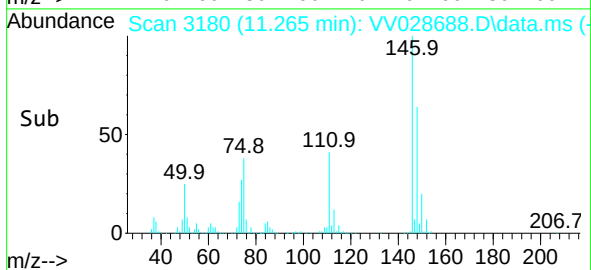
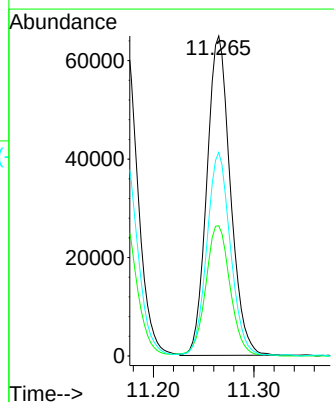
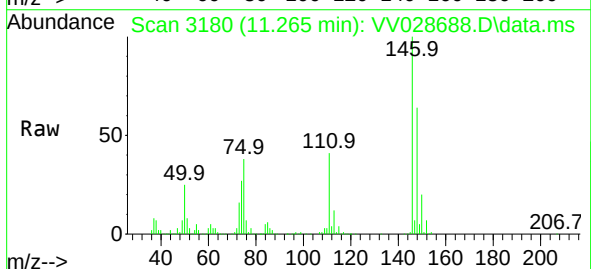


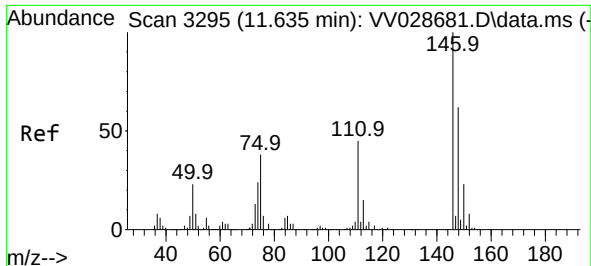
Tgt Ion:146 Resp: 107313
Ion Ratio Lower Upper
146 100
111 42.8 29.0 53.9
148 63.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.405 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion:146 Resp: 105390
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 63.6 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.386 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

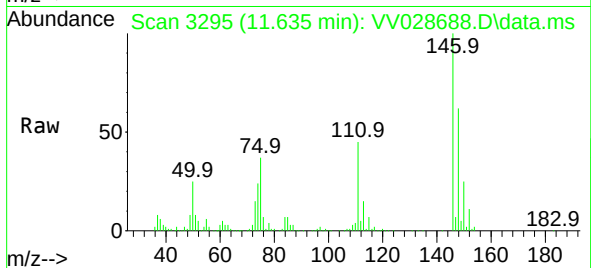
Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

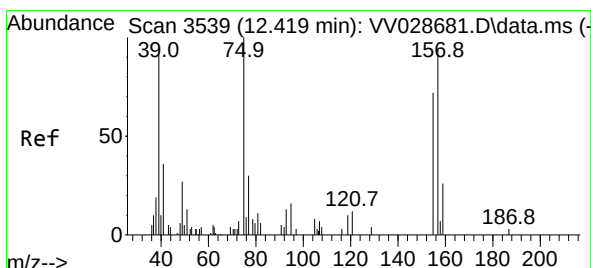
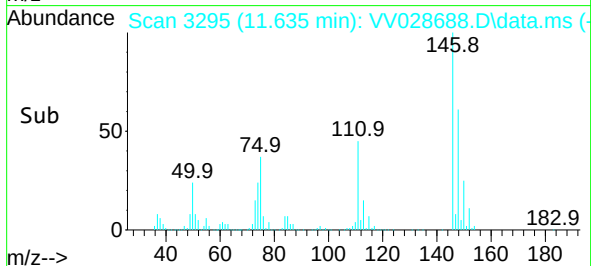
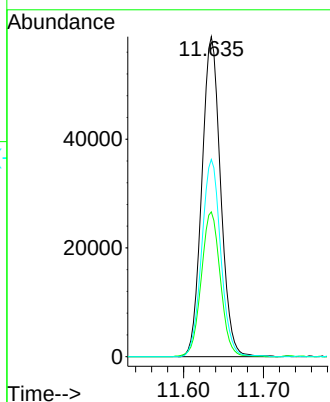
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	96245
Ion Ratio	Lower	Upper	
146	100		
111	45.3	36.2	54.4
148	61.6	50.6	75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.155 ug/L

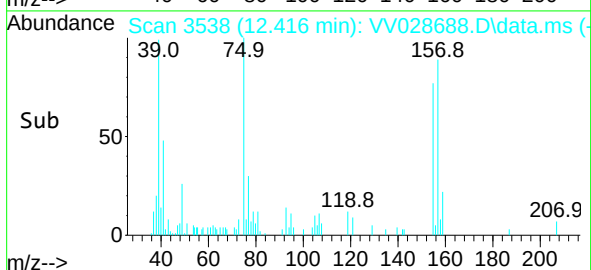
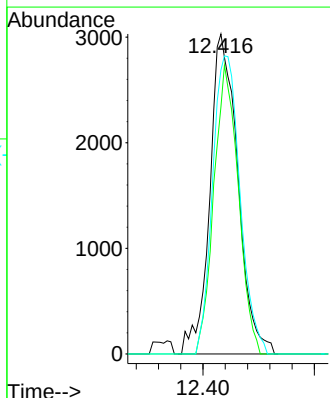
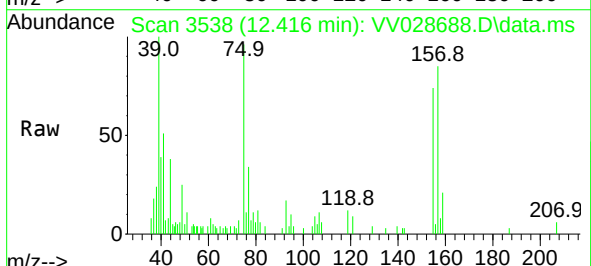
RT: 12.416 min Scan# 3538

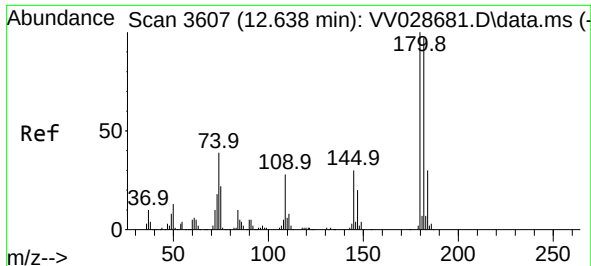
Delta R.T. -0.003 min

Lab File: VV028688.D

Acq: 26 Oct 2022 11:43

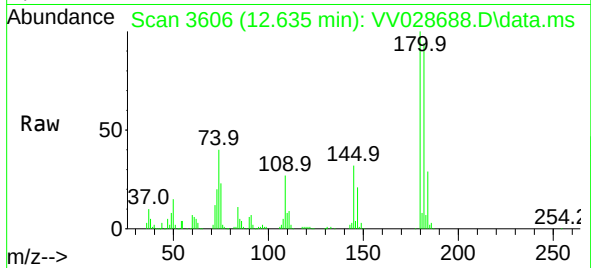
Tgt Ion:	75	Resp:	5296
Ion Ratio	Lower	Upper	
75	100		
155	77.1	58.2	87.2
157	88.7	71.5	107.3



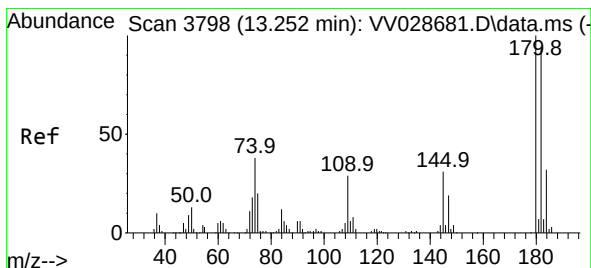
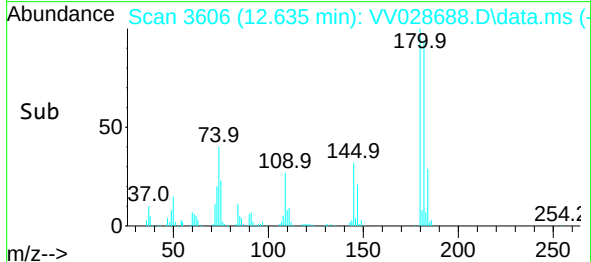
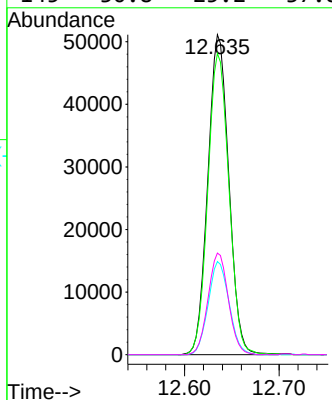


#69
 1,3,5-Trichlorobenzene
 Concen: 5.304 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

Instrument :
 MSVOA_V
 ClientSampleId :

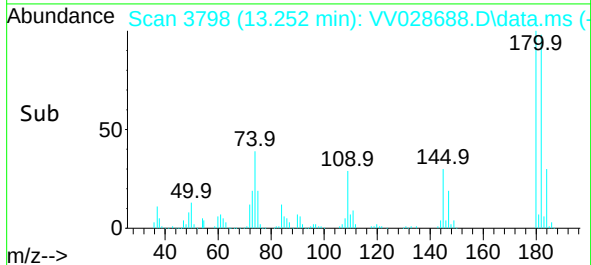
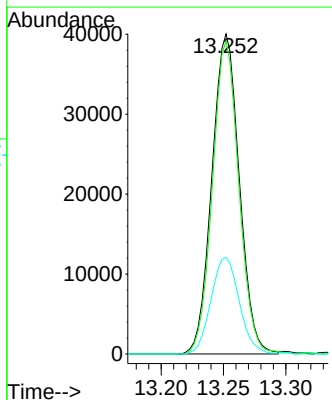
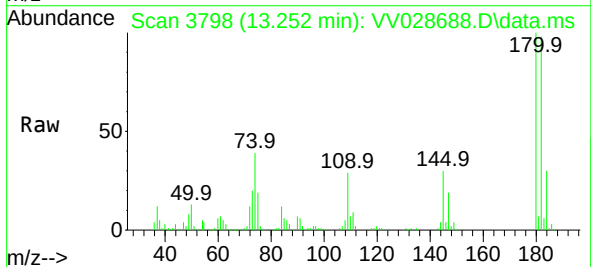


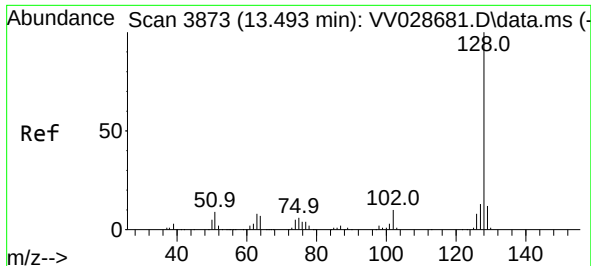
Tgt Ion:180 Resp: 78718
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 184 29.0 24.3 36.5
 145 30.8 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.424 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV028688.D
 Acq: 26 Oct 2022 11:43

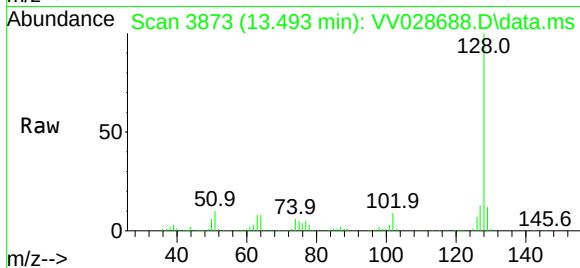
Tgt Ion:180 Resp: 61285
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.7 112.1
 145 31.1 25.5 38.3



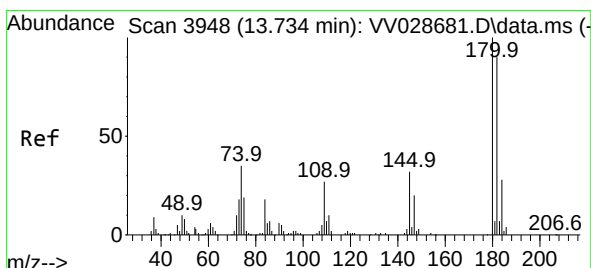
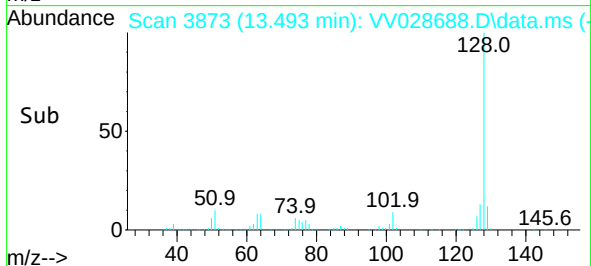
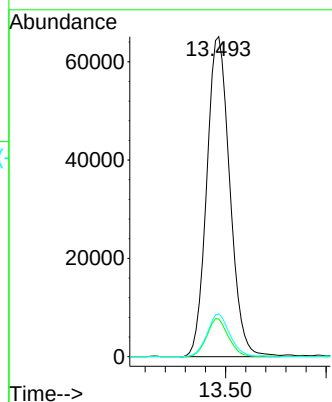


#71
Naphthalene
Concen: 5.353 ug/L
RT: 13.493 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128	Resp:	103640
Ion	Ratio	Lower Upper
128	100	
129	11.1	8.9 13.3
127	13.2	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.378 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028688.D
Acq: 26 Oct 2022 11:43

Tgt Ion:180	Resp:	53851
Ion	Ratio	Lower Upper
180	100	
182	94.0	73.4 110.0
145	34.3	26.3 39.5

