

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027900.D
 Acq On : 17 Sep 2022 14:41
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198151	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	196380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81136	5.130	ug/L	0.01
7) Chloroethane-d5	1.568	69	55435	4.958	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	122937	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.889	46	134194	53.499	ug/L	-0.05
24) Chloroform-d	4.346	84	150103	5.148	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	76616	5.240	ug/L	0.00
32) Benzene-d6	5.047	84	279552	5.162	ug/L	0.02
36) 1,2-Dichloropropane-d6	6.066	67	71884	5.080	ug/L	0.02
41) Toluene-d8	7.313	98	267351	5.333	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	32647	5.390	ug/L	-0.01
46) 2-Hexanone-d5	8.088	63	107956	53.743	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51143	5.225	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	97403	5.085	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85217	5.359	ug/L	98
3) Chloromethane	1.240	50	63346	5.038	ug/L	97
5) Vinyl chloride	1.310	62	75780	5.328	ug/L	100
6) Bromomethane	1.523	94	38893	5.075	ug/L	94
8) Chloroethane	1.584	64	38969	4.804	ug/L	96
9) Trichlorofluoromethane	1.751	101	128309	5.420	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	58428	5.136	ug/L	91
12) 1,1-Dichloroethene	2.117	96	53785	4.953	ug/L	91
13) Acetone	2.182	43	82530	49.273	ug/L	92
14) Carbon disulfide	2.291	76	141862	5.413	ug/L	99
15) Methyl Acetate	2.439	43	20070	5.287	ug/L #	86
16) Methylene chloride	2.503	84	73505	5.233	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	149960	5.363	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	64865	5.301	ug/L	89
19) 1,1-Dichloroethane	3.185	63	121913	5.322	ug/L	99
21) 2-Butanone	3.976	43	116643	51.652	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	71876	5.220	ug/L #	86
23) Bromochloromethane	4.243	128	32191	5.117	ug/L #	80
25) Chloroform	4.371	83	144749	5.268	ug/L	97
27) 1,2-Dichloroethane	5.127	62	84607	5.444	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	136051	5.300	ug/L	97
30) Cyclohexane	4.674	56	84649	5.376	ug/L	92
31) Carbon tetrachloride	4.825	117	122055	5.366	ug/L	99
33) Benzene	5.095	78	273707	5.347	ug/L	100
34) Trichloroethene	5.911	95	72755	5.261	ug/L	92
35) Methylcyclohexane	6.127	83	102207	5.337	ug/L	92
37) 1,2-Dichloropropane	6.172	63	62884	5.455	ug/L #	97
38) Bromodichloromethane	6.506	83	95700	5.320	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	91776	5.291	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	309415	55.239	ug/L #	93
42) Toluene	7.384	91	306503	5.453	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027900.D
 Acq On : 17 Sep 2022 14:41
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

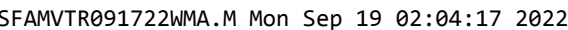
Instrument :
 MSVOA_V
 ClientSampleId :

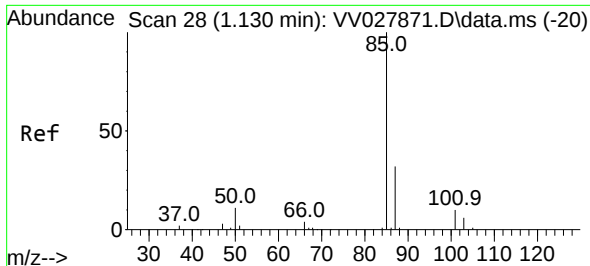
Quant Time: Sep 19 02:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.648	75	82397	5.376	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	47953	5.356	ug/L	97
47) Tetrachloroethene	7.972	164	62712	5.428	ug/L	97
48) 2-Hexanone	8.136	43	225901	56.200	ug/L #	93
49) Dibromochloromethane	8.243	129	62728	5.341	ug/L	99
50) 1,2-Dibromoethane	8.352	107	42807	5.332	ug/L	99
51) Chlorobenzene	8.879	112	200740	5.218	ug/L	98
52) Ethylbenzene	9.011	91	326669	5.340	ug/L	99
53) m,p-Xylene	9.136	106	130182	5.372	ug/L	97
54) o-Xylene	9.542	106	126345	5.366	ug/L	98
55) Styrene	9.558	104	222806	5.476	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	50038	5.445	ug/L #	97
59) Bromoform	9.728	173	33411	5.155	ug/L #	97
60) Isopropylbenzene	9.927	105	348013	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	39673	5.281	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	97965	5.238	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	277650	5.281	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	172544	5.321	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	173626	5.284	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	158907	5.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8591	5.361	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	137476	5.232	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	110432	5.338	ug/L	97
71) Naphthalene	13.500	128	141968	4.937	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	93055	5.284	ug/L	99

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

Quant Time: Sep 19 02:04:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 17 15:50:20 2022
Response via : Initial Calibration

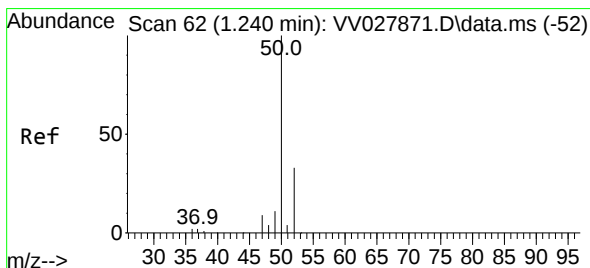
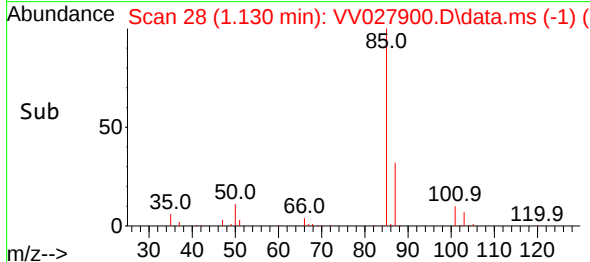
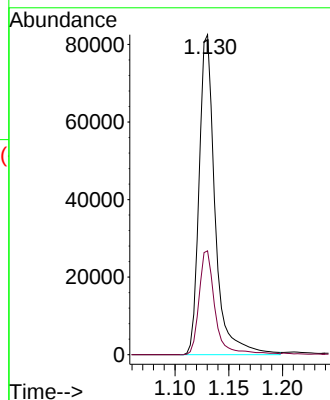
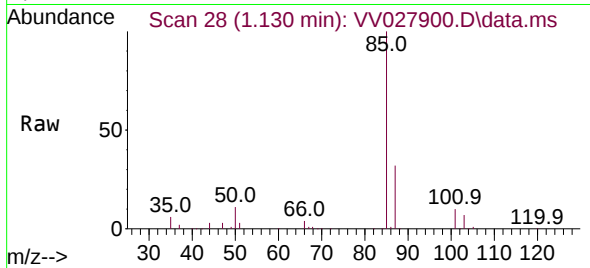




#2
 Dichlorodifluoromethane
 Concen: 5.359 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.006 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41

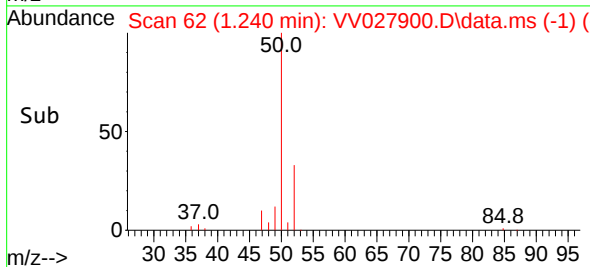
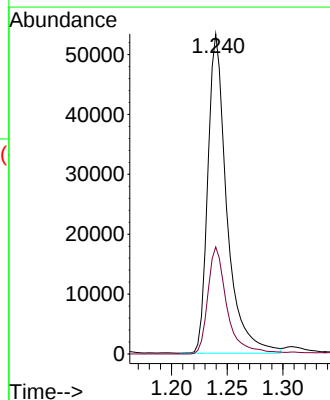
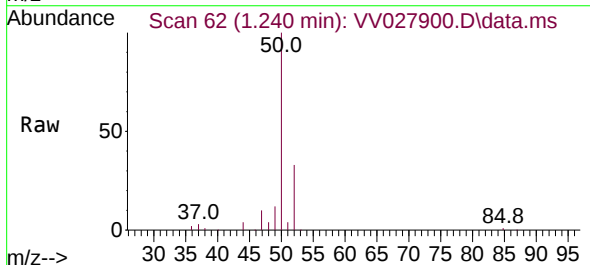
Instrument :
 MSVOA_V
 ClientSampleId :

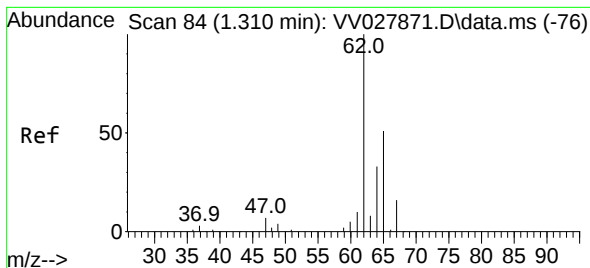
Tgt Ion: 85 Resp: 85217
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.0



#3
 Chloromethane
 Concen: 5.038 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41

Tgt Ion: 50 Resp: 63346
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.1 41.1





#5

Vinyl chloride

Concen: 5.328 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.010 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

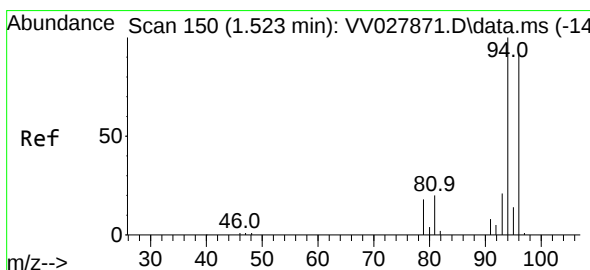
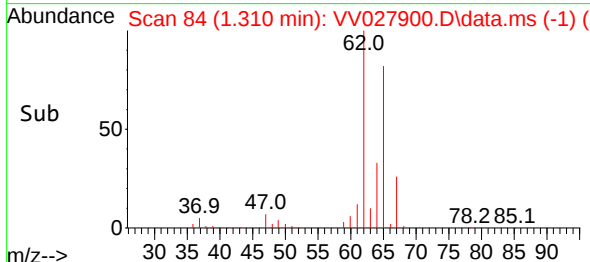
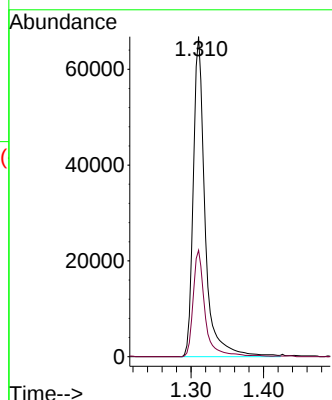
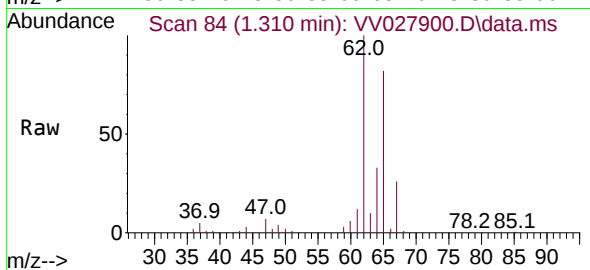
ClientSampleId :

Tgt Ion: 62 Resp: 75780

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 5.075 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.010 min

Lab File: VV027900.D

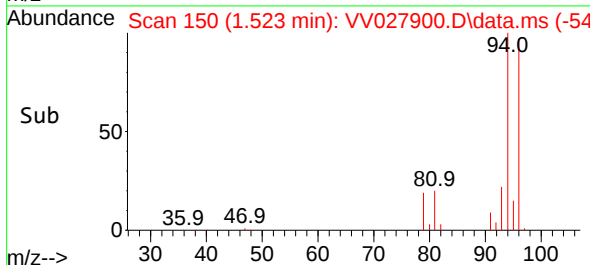
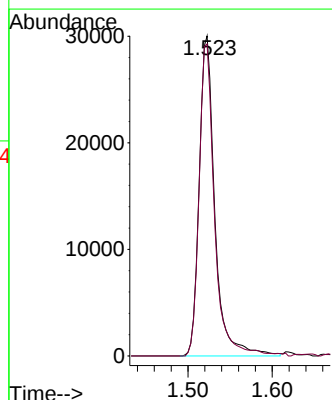
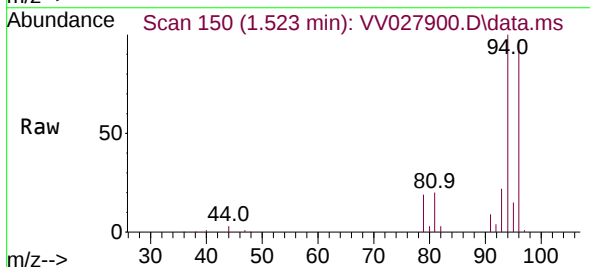
Acq: 17 Sep 2022 14:41

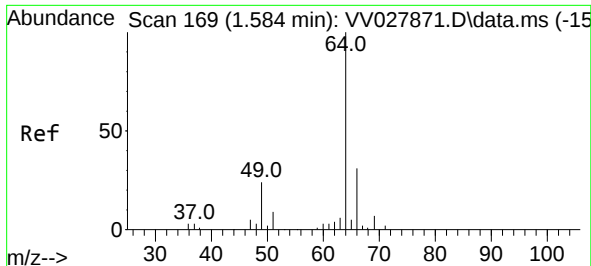
Tgt Ion: 94 Resp: 38893

Ion Ratio Lower Upper

94 100

96 97.5 64.2 119.2

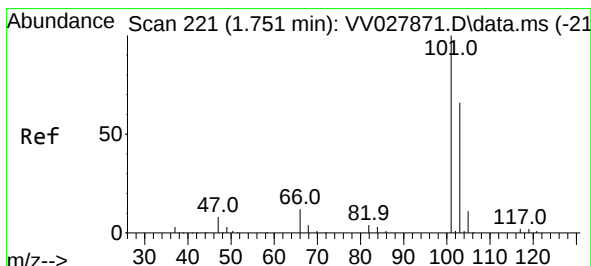
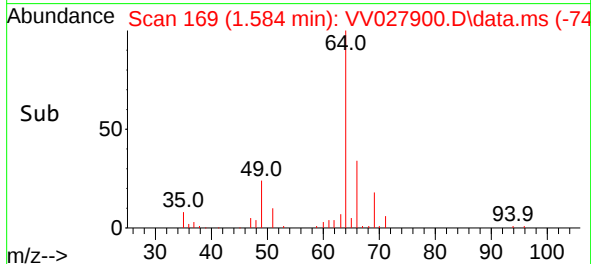
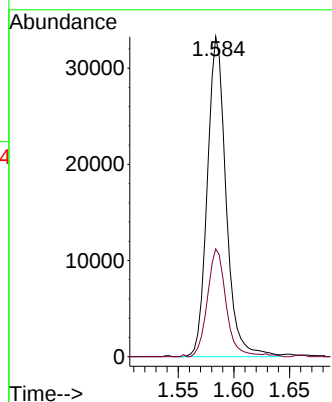
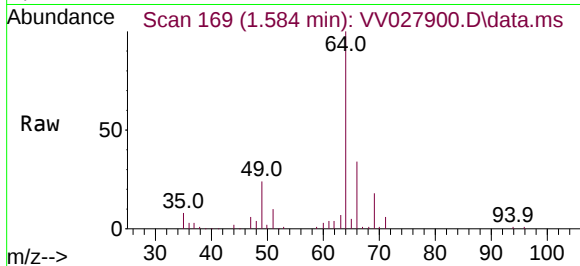




#8
Chloroethane
Concen: 4.804 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

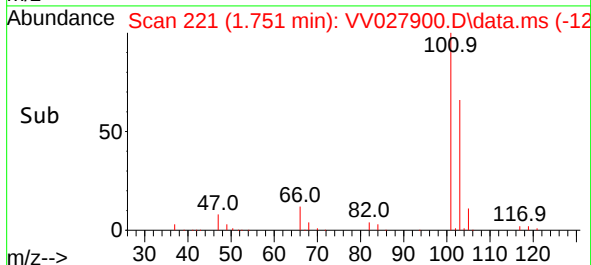
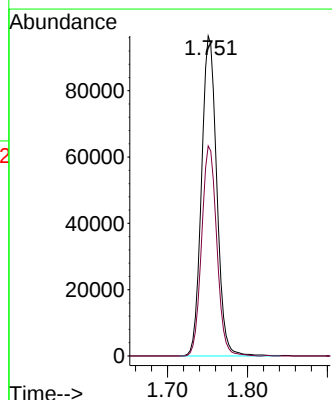
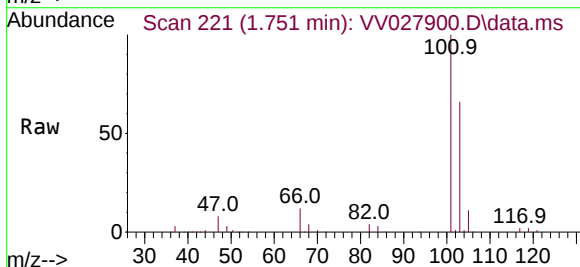
Instrument :
MSVOA_V
ClientSampleId :

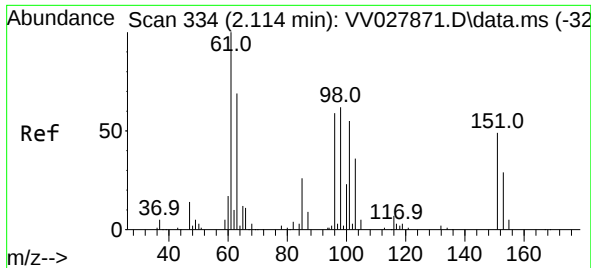
Tgt Ion: 64 Resp: 38969
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.420 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion:101 Resp: 128309
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

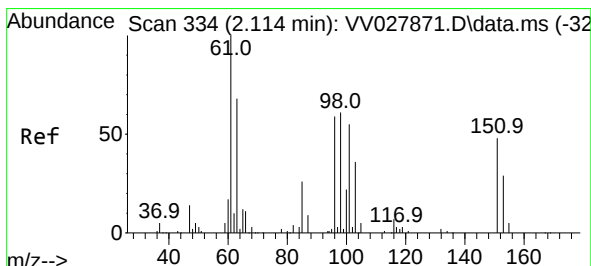
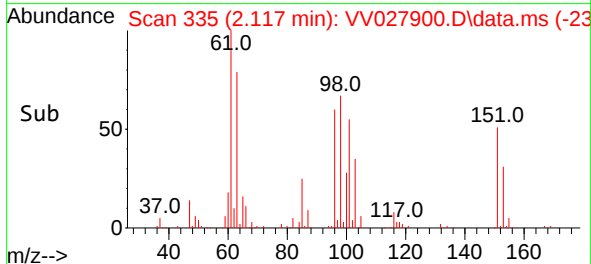
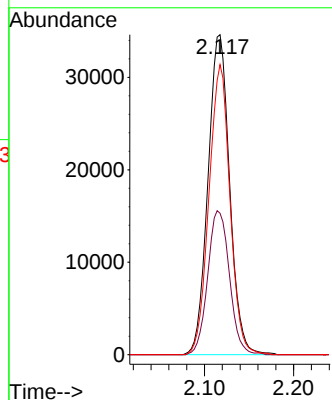
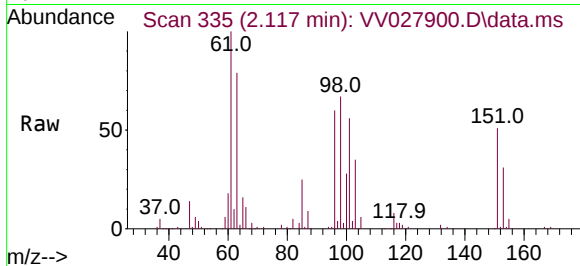




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.136 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.013 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

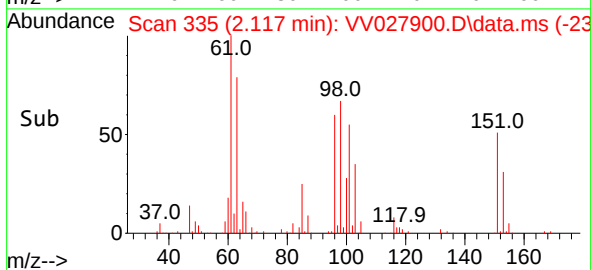
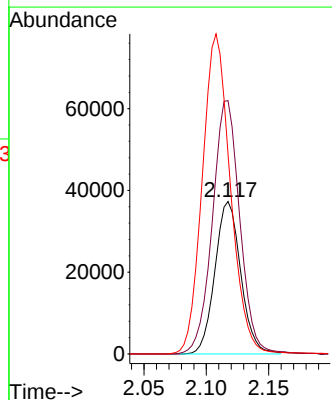
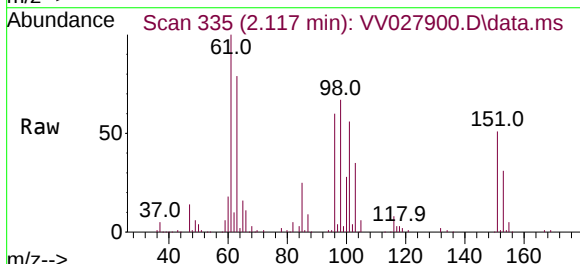
Instrument :
MSVOA_V
ClientSampleId :

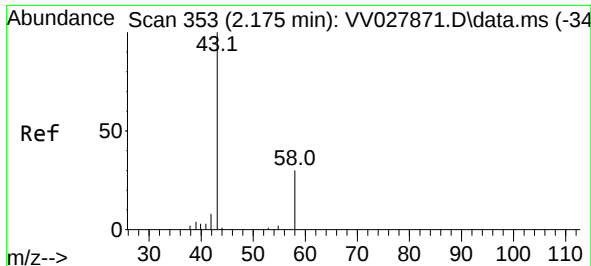
Tgt Ion:101 Resp: 58428
Ion Ratio Lower Upper
101 100
85 45.2 35.8 53.8
151 87.9 61.2 91.8



#12
1,1-Dichloroethene
Concen: 4.953 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.010 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 96 Resp: 53785
Ion Ratio Lower Upper
96 100
61 166.2 129.9 241.3
63 131.2 94.6 175.8

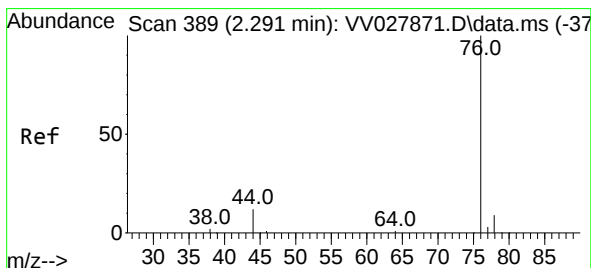
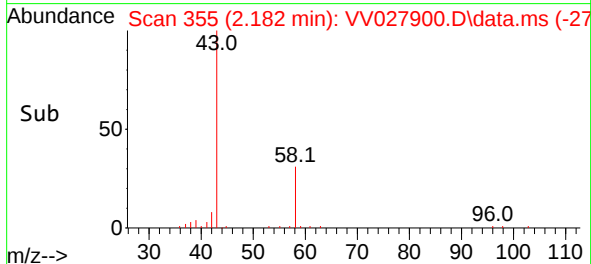
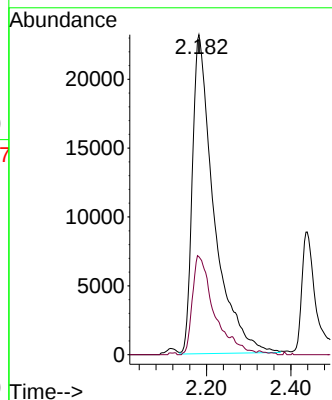
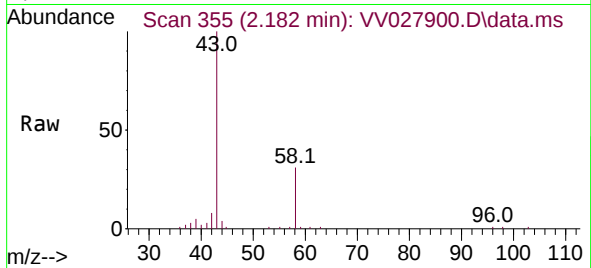




#13
Acetone
Concen: 49.273 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.039 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

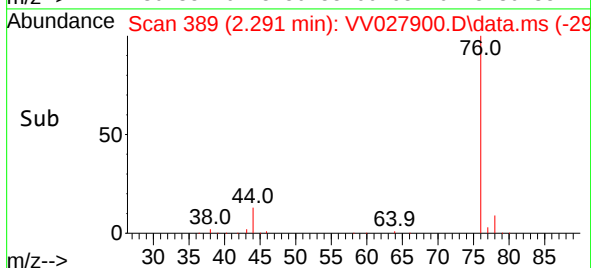
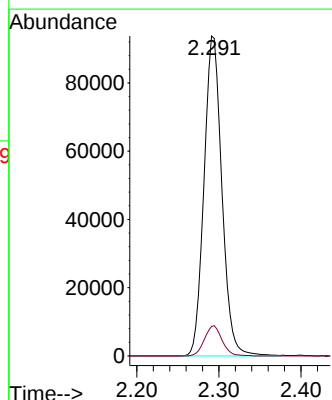
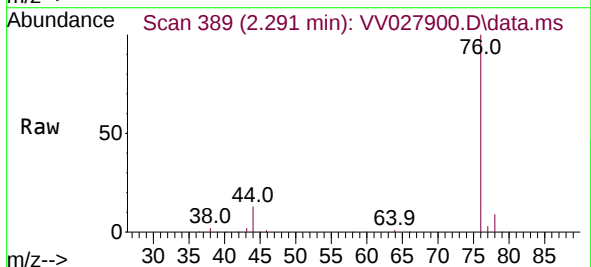
Instrument :
MSVOA_V
ClientSampleId :

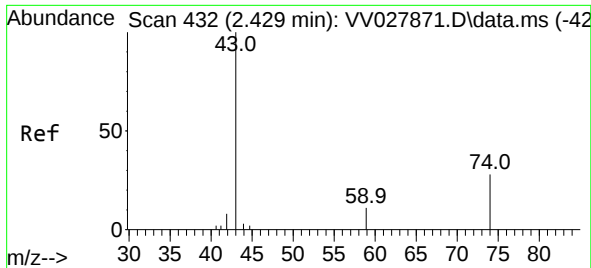
Tgt Ion: 43 Resp: 82530
Ion Ratio Lower Upper
43 100
58 28.6 0.0 49.4



#14
Carbon disulfide
Concen: 5.413 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.010 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 76 Resp: 141862
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

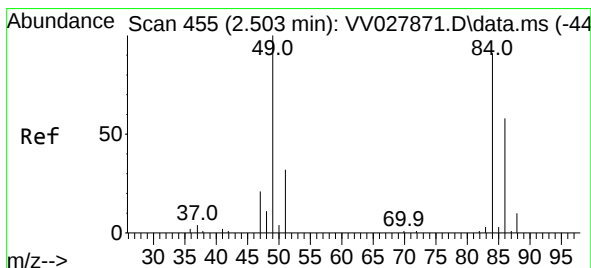
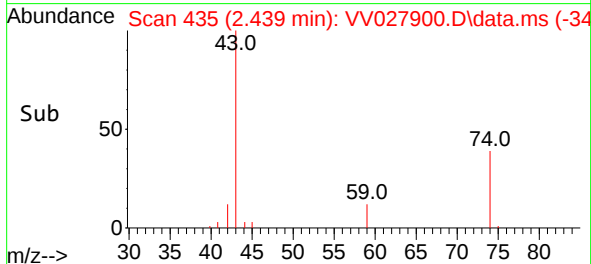
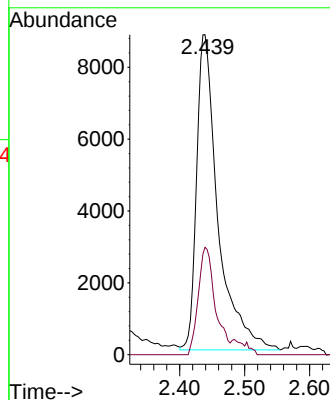
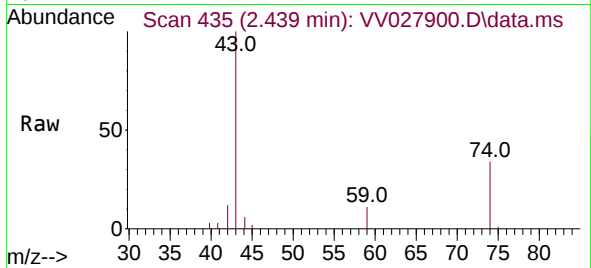




#15
Methyl Acetate
Concen: 5.287 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

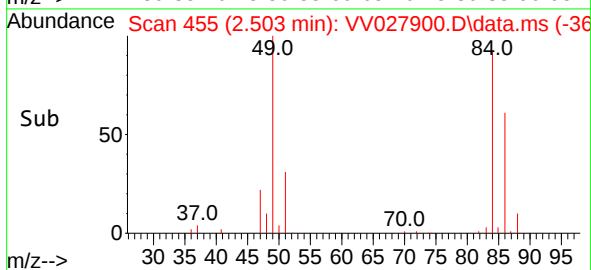
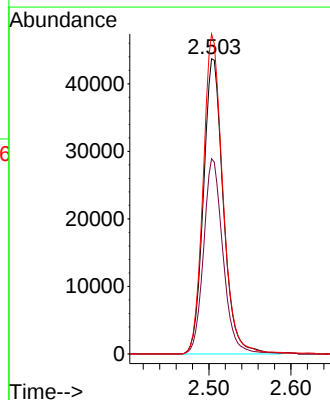
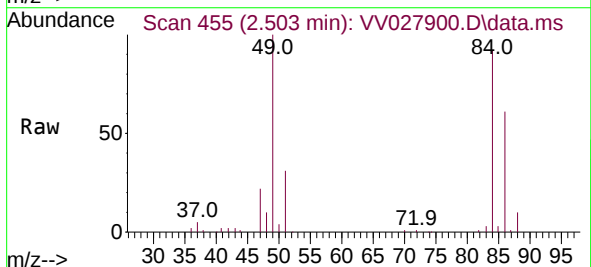
Instrument :
MSVOA_V
ClientSampleId :

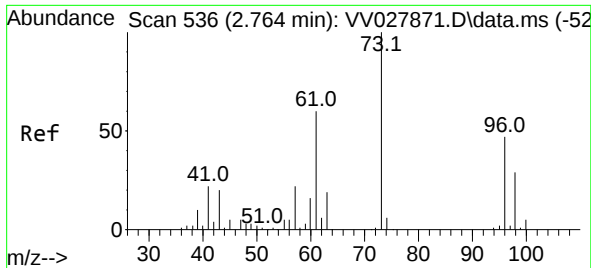
Tgt Ion: 43 Resp: 20070
Ion Ratio Lower Upper
43 100
74 27.1 16.6 25.0#



#16
Methylene chloride
Concen: 5.233 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 84 Resp: 73505
Ion Ratio Lower Upper
84 100
86 66.1 44.9 83.3
49 108.4 90.1 167.3

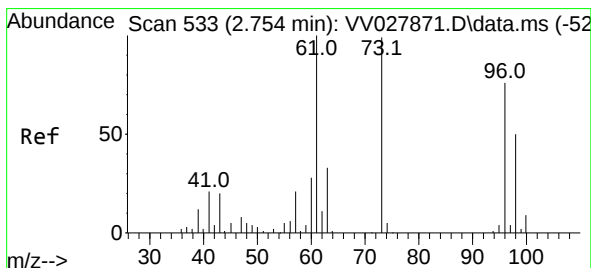
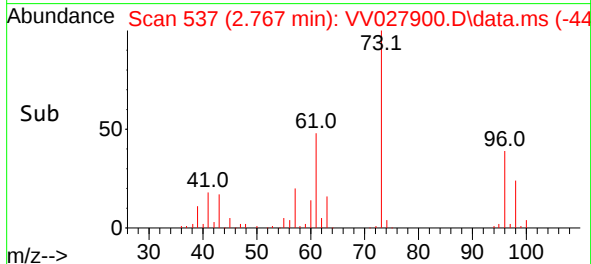
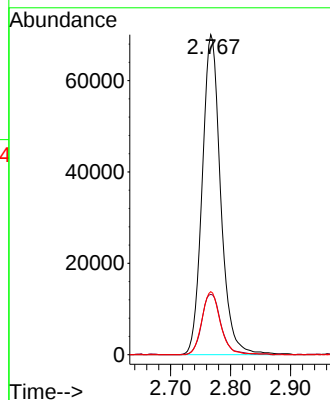
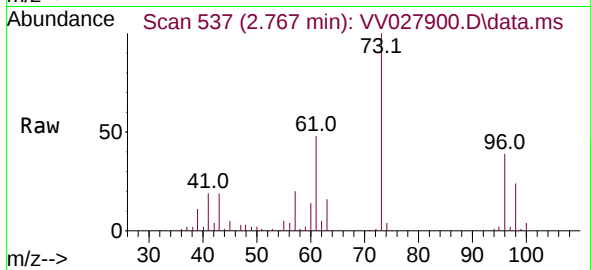




#17
Methyl tert-butyl Ether
Concen: 5.363 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

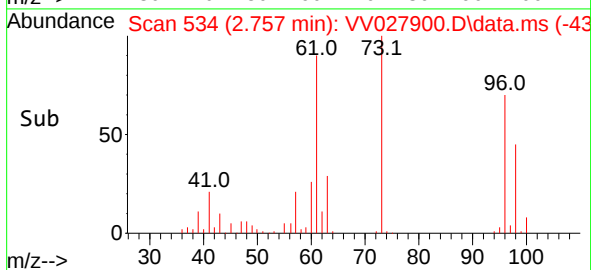
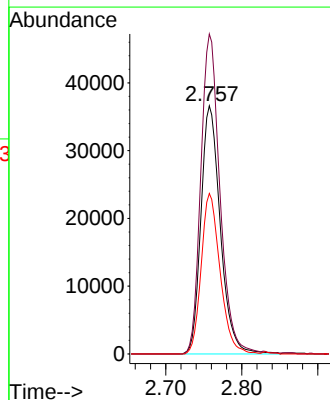
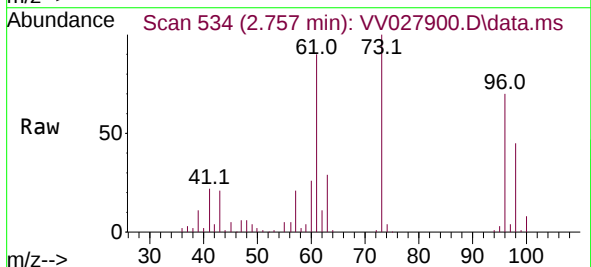
Instrument :
MSVOA_V
ClientSampleId :

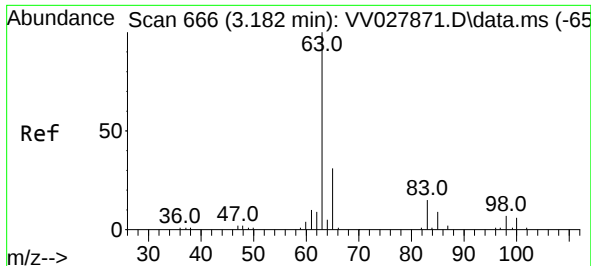
Tgt Ion: 73 Resp: 149960
Ion Ratio Lower Upper
73 100
43 19.8 17.5 26.3
57 19.6 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.301 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 96 Resp: 64865
Ion Ratio Lower Upper
96 100
61 128.9 102.6 190.5
98 64.7 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.322 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :

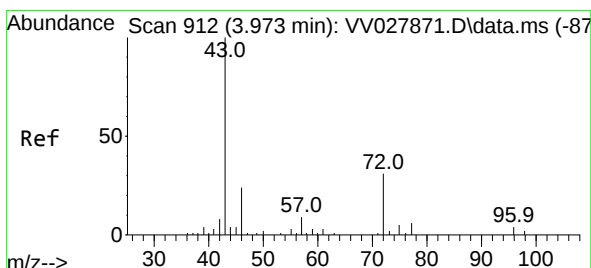
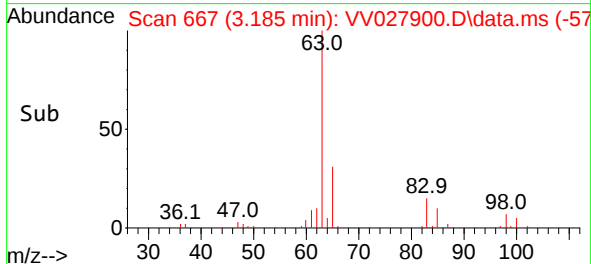
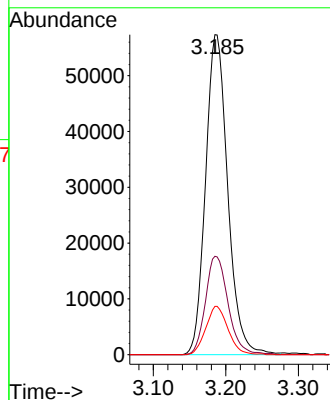
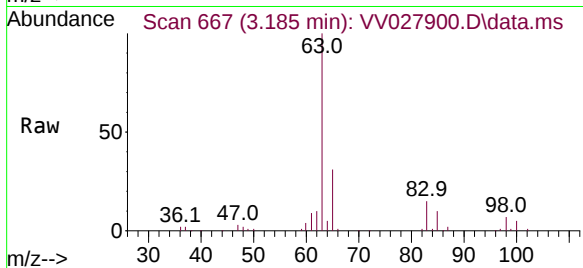
Tgt Ion: 63 Resp: 121913

Ion Ratio Lower Upper

63 100

65 30.7 22.0 41.0

83 15.1 10.1 18.9



#21

2-Butanone

Concen: 51.652 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.055 min

Lab File: VV027900.D

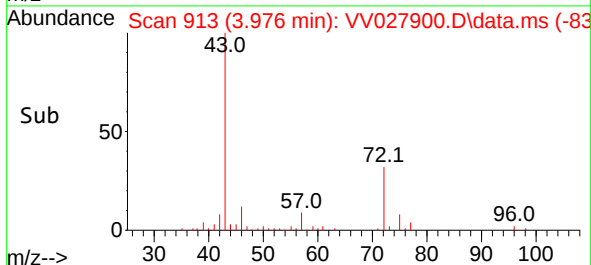
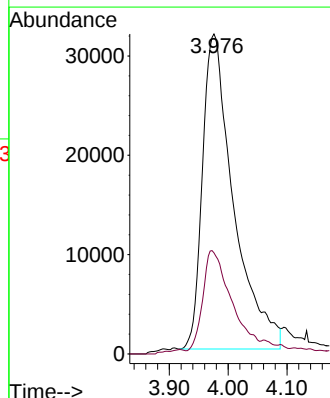
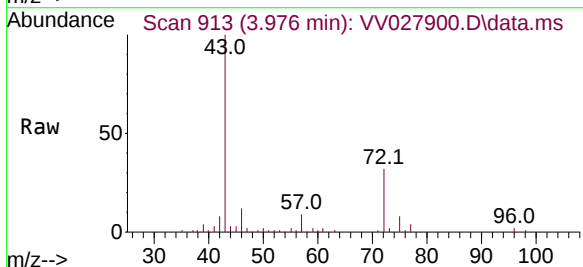
Acq: 17 Sep 2022 14:41

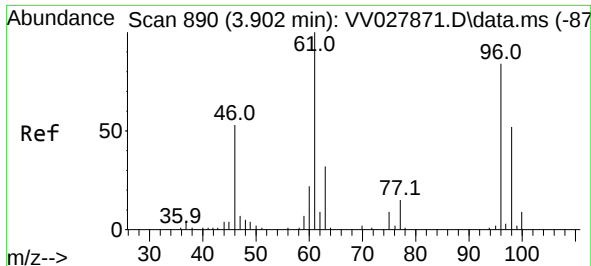
Tgt Ion: 43 Resp: 116643

Ion Ratio Lower Upper

43 100

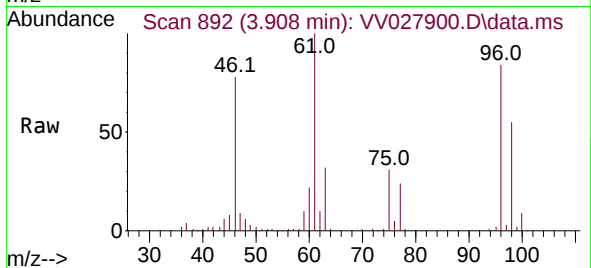
72 28.7 13.0 39.0



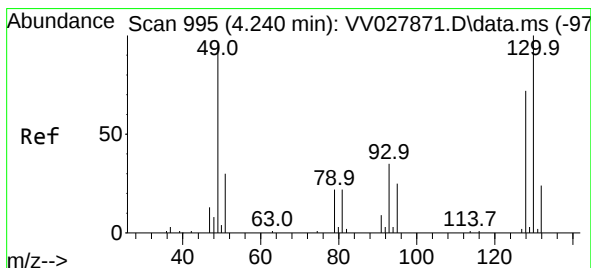
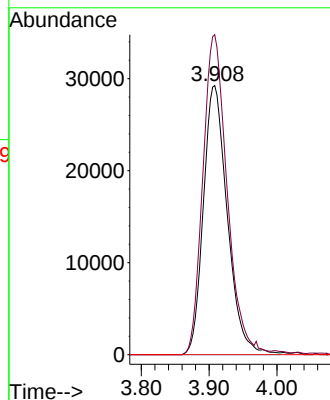
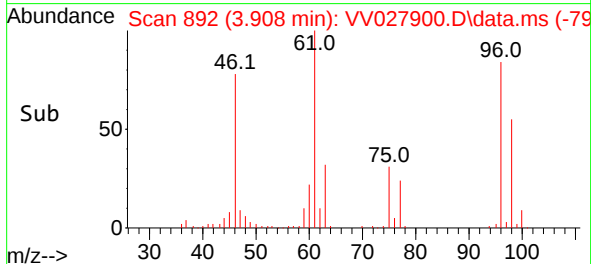


#22
 cis-1,2-Dichloroethene
 Concen: 5.220 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41

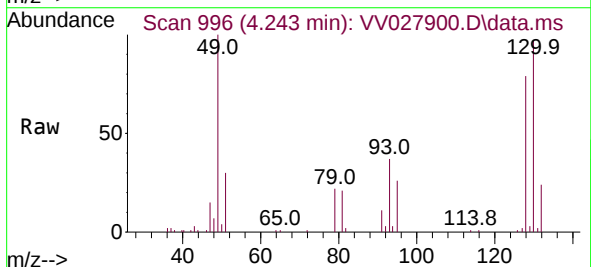
Instrument :
 MSVOA_V
 ClientSampleId :



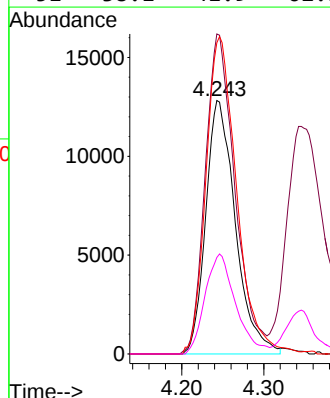
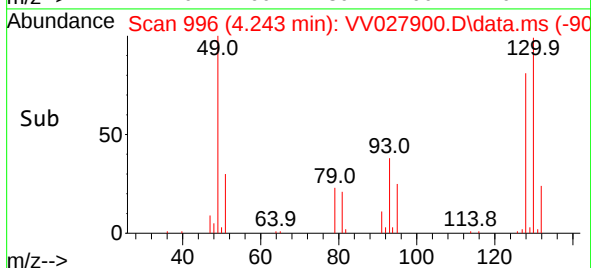
Tgt Ion: 96 Resp: 71876
 Ion Ratio Lower Upper
 96 100
 61 118.9 94.6 175.6
 68 0.0 0.3 0.5#

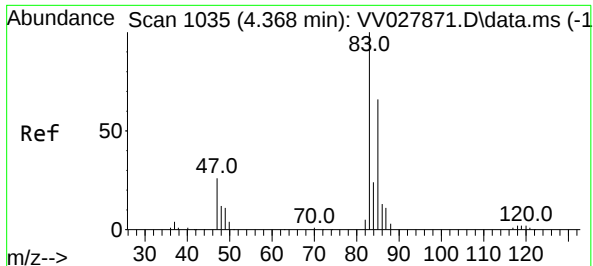


#23
 Bromochloromethane
 Concen: 5.117 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41



Tgt Ion: 128 Resp: 32191
 Ion Ratio Lower Upper
 128 100
 49 126.3 118.4 219.8
 130 122.8 89.2 165.6
 51 38.1 41.9 62.9#





#25

Chloroform

Concen: 5.268 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

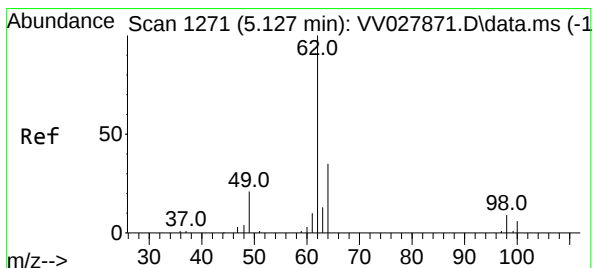
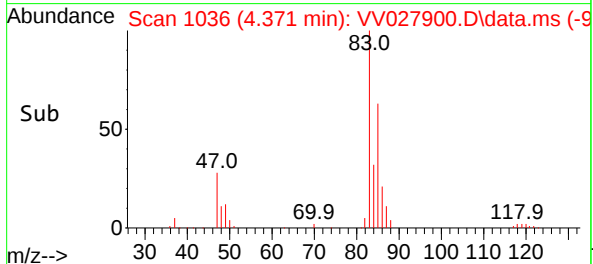
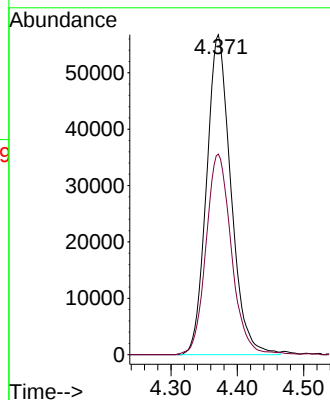
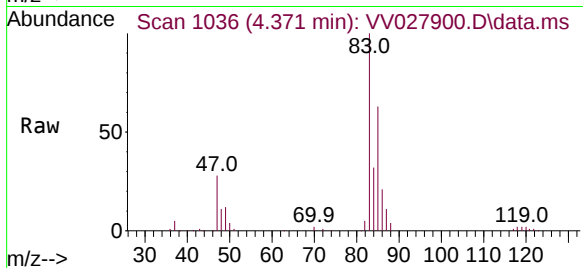
ClientSampleId :

Tgt Ion: 83 Resp: 144749

Ion Ratio Lower Upper

83 100

85 62.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.444 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV027900.D

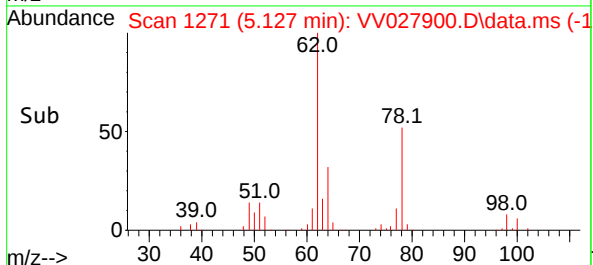
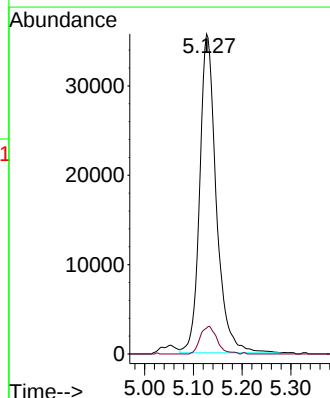
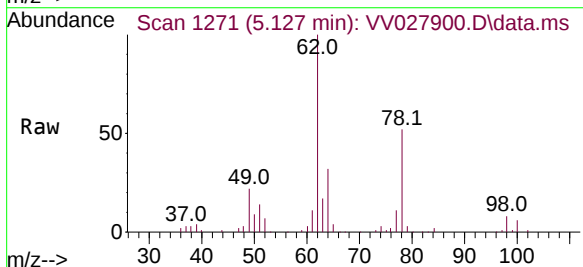
Acq: 17 Sep 2022 14:41

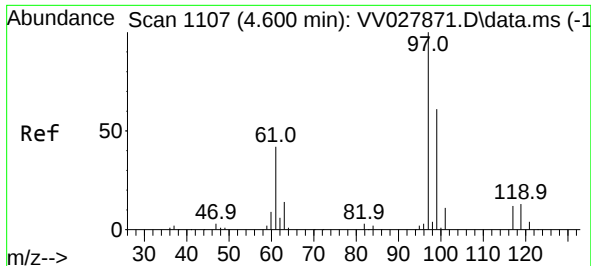
Tgt Ion: 62 Resp: 84607

Ion Ratio Lower Upper

62 100

98 8.1 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.300 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.013 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :

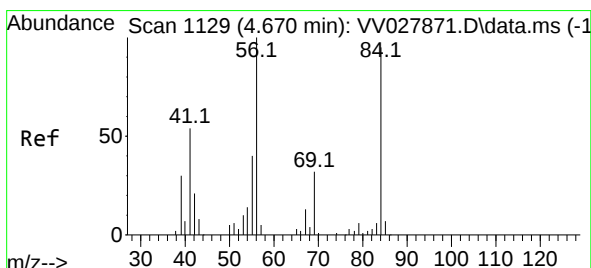
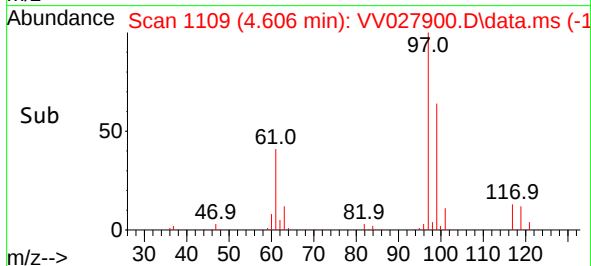
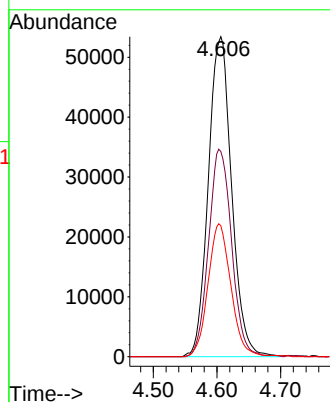
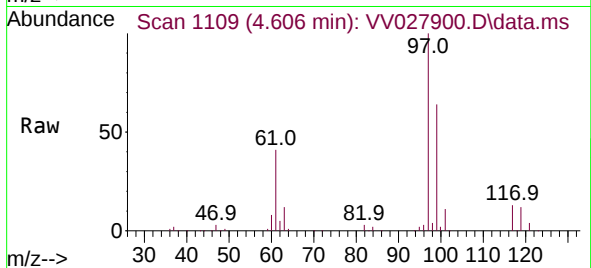
Tgt Ion: 97 Resp: 136051

Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 40.8 36.2 54.4



#30

Cyclohexane

Concen: 5.376 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.023 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

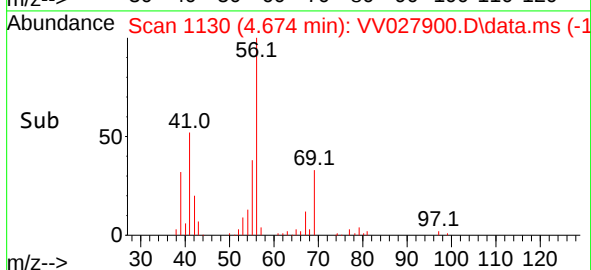
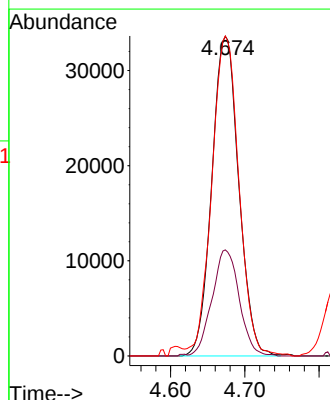
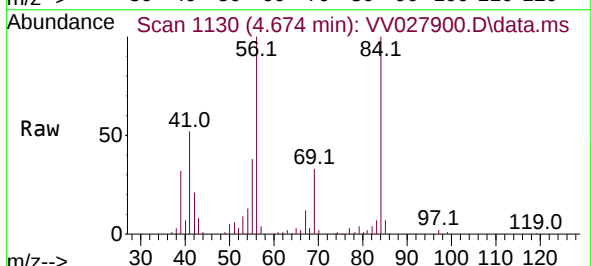
Tgt Ion: 56 Resp: 84649

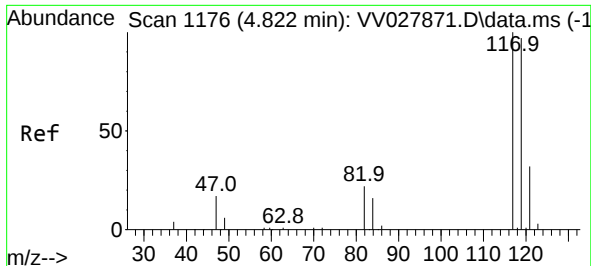
Ion Ratio Lower Upper

56 100

69 33.5 25.4 38.2

84 101.1 73.8 110.8

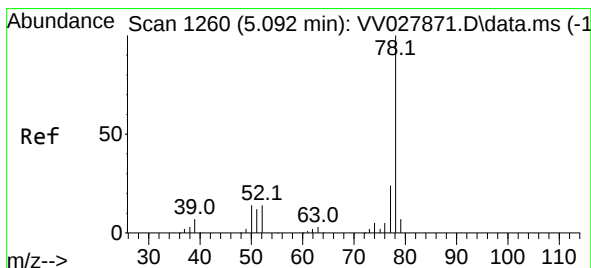
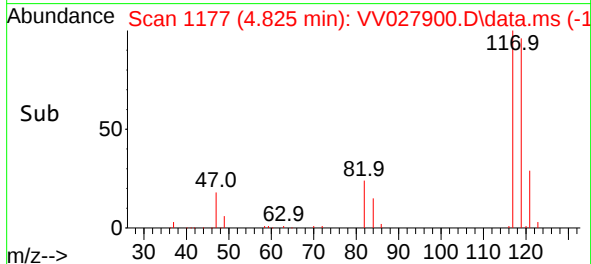
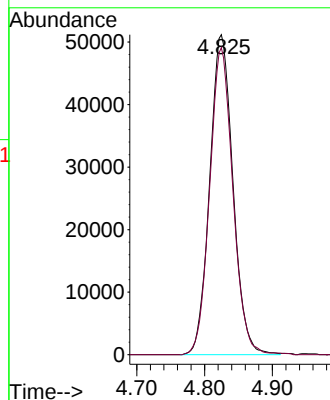
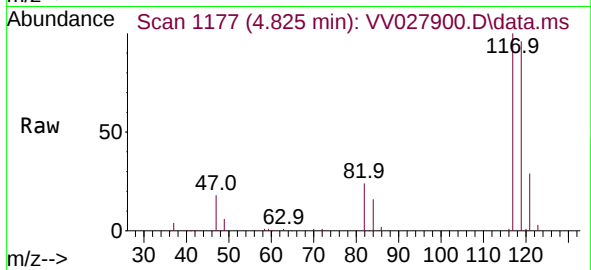




#31
Carbon tetrachloride
Concen: 5.366 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

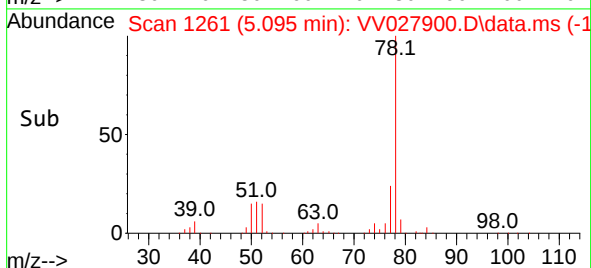
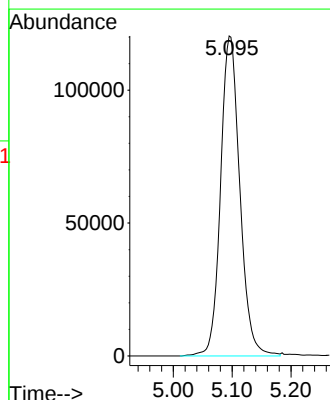
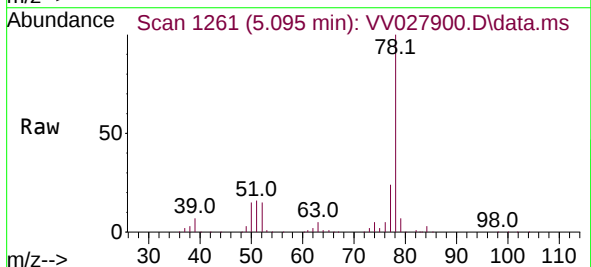
Instrument :
MSVOA_V
ClientSampleId :

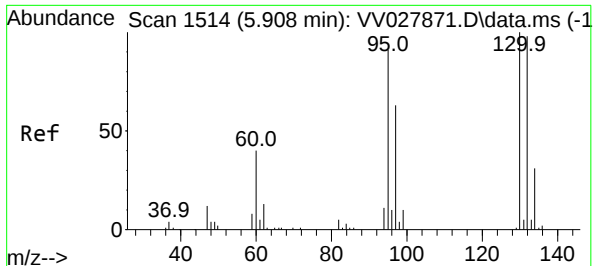
Tgt Ion:117 Resp: 122055
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8



#33
Benzene
Concen: 5.347 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.016 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 78 Resp: 273707

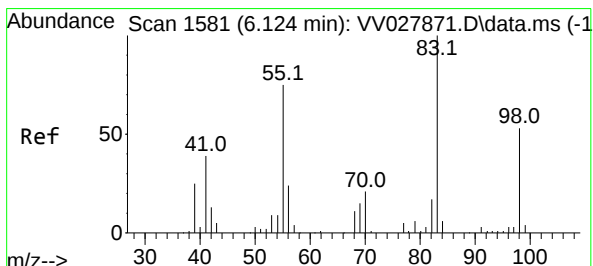
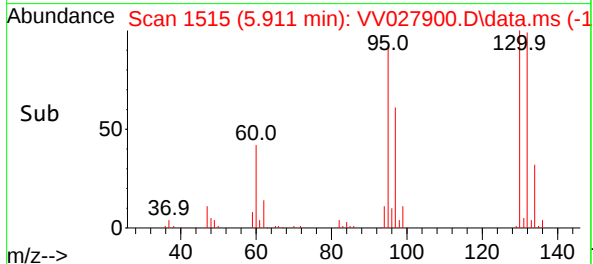
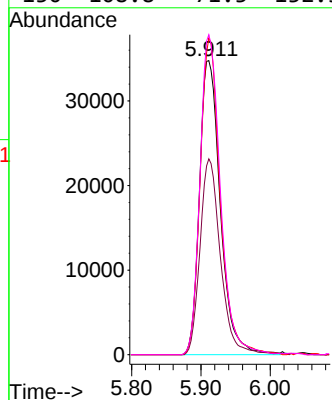
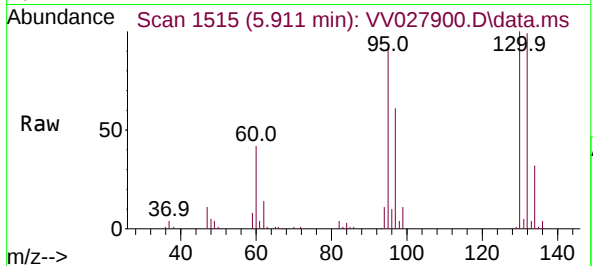




#34
Trichloroethene
Concen: 5.261 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

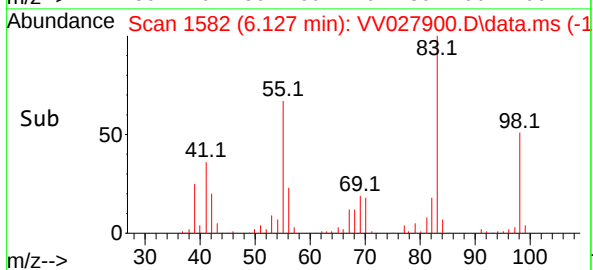
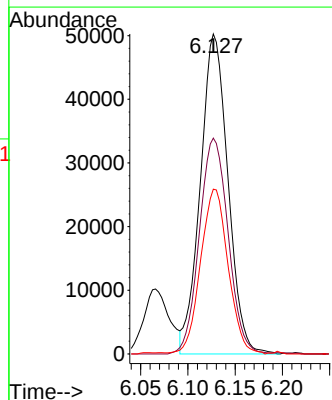
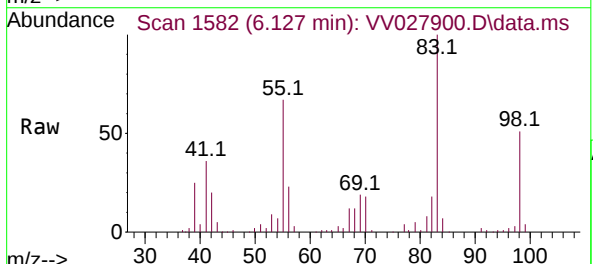
Instrument :
MSVOA_V
ClientSampleId :

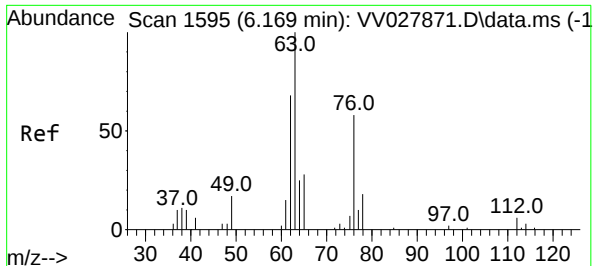
Tgt Ion: 95 Resp: 72755
Ion Ratio Lower Upper
95 100
97 66.6 42.9 79.7
132 107.6 67.9 126.1
130 108.8 71.3 132.3



#35
Methylcyclohexane
Concen: 5.337 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.039 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 83 Resp: 102207
Ion Ratio Lower Upper
83 100
55 70.4 61.9 92.9
98 51.4 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.455 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

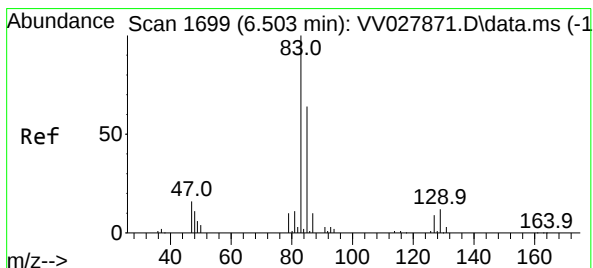
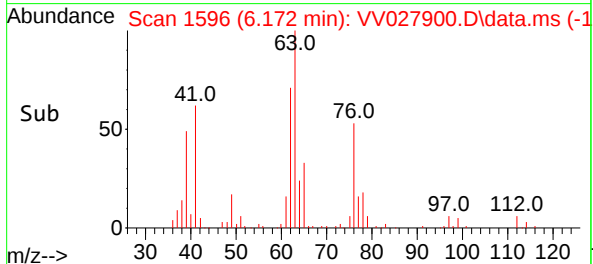
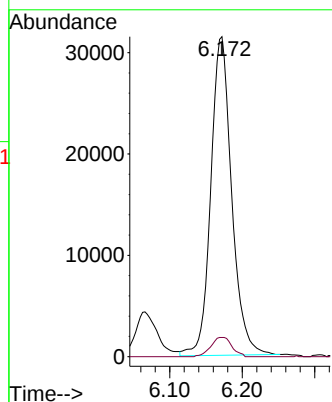
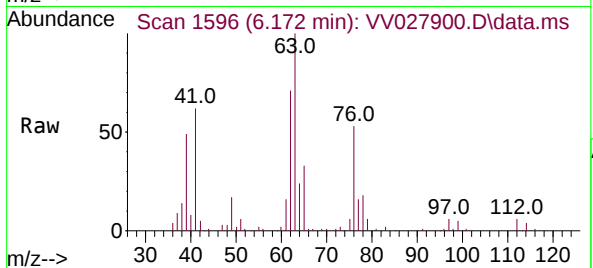
ClientSampleId :

Tgt Ion: 63 Resp: 62884

Ion Ratio Lower Upper

63 100

112 6.1 4.0 6.0#



#38

Bromodichloromethane

Concen: 5.320 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.013 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

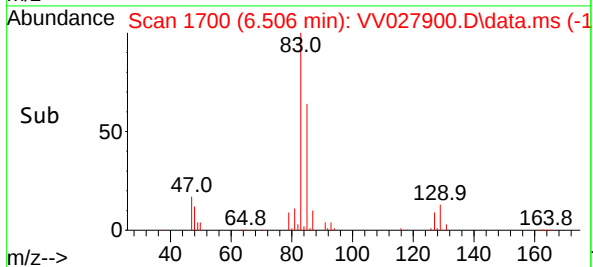
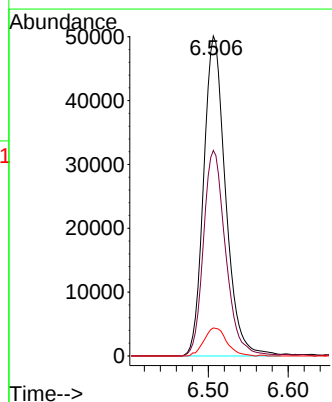
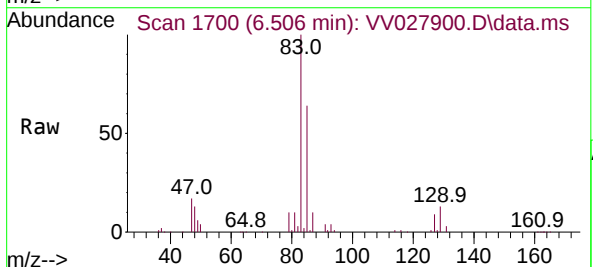
Tgt Ion: 83 Resp: 95700

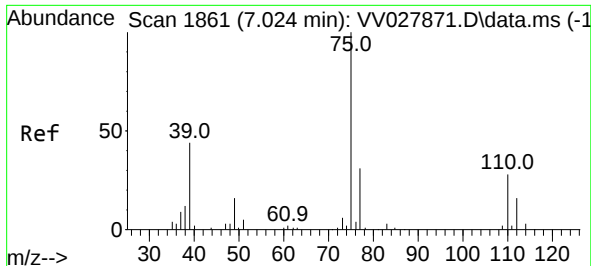
Ion Ratio Lower Upper

83 100

85 64.2 43.3 80.3

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.291 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.016 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

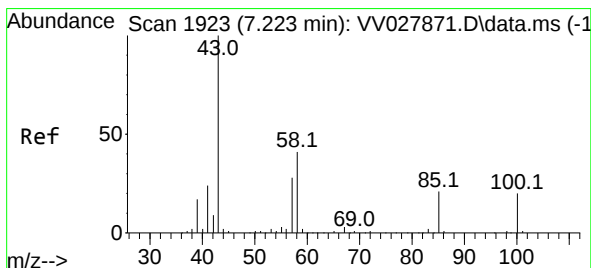
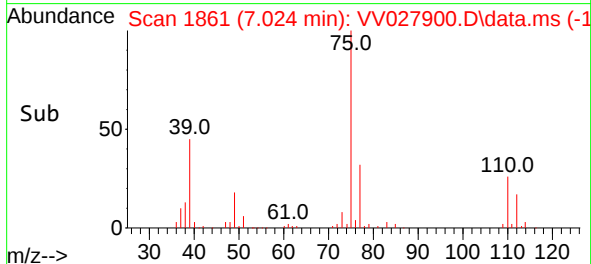
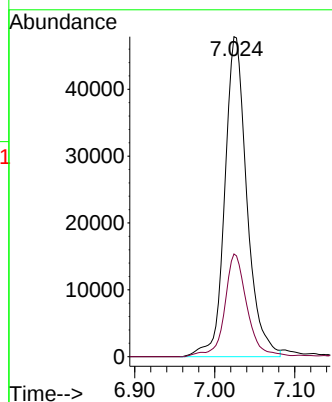
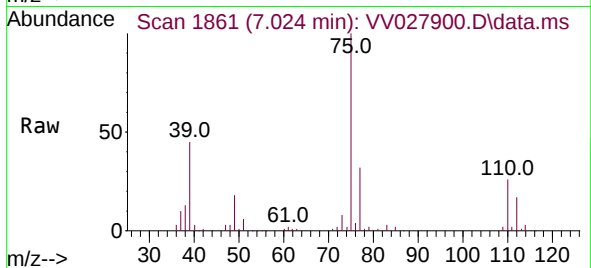
ClientSampleId :

Tgt Ion: 75 Resp: 91776

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.239 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.042 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

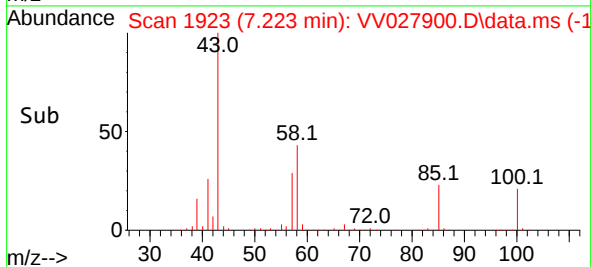
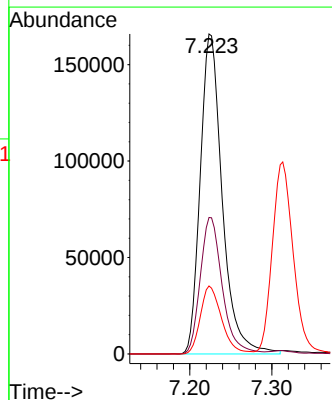
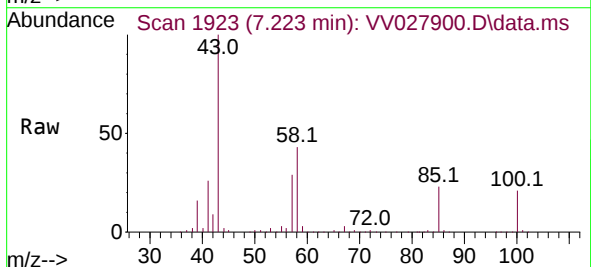
Tgt Ion: 43 Resp: 309415

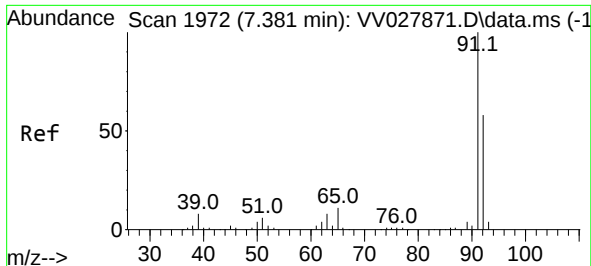
Ion Ratio Lower Upper

43 100

58 42.6 30.9 46.3

100 20.5 13.4 20.0





#42

Toluene

Concen: 5.453 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. -0.010 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

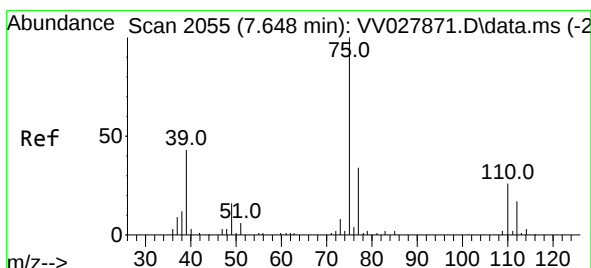
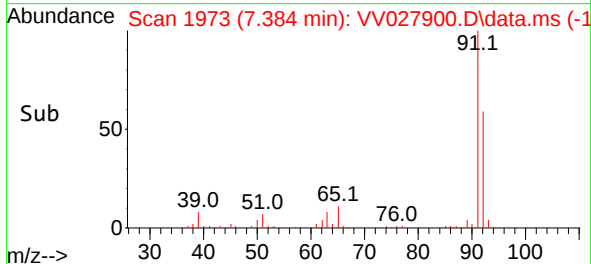
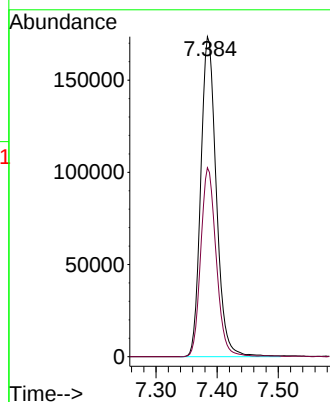
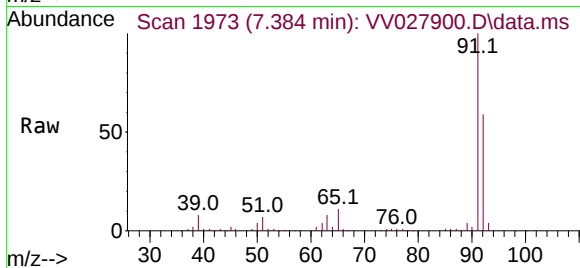
ClientSampleId :

Tgt Ion: 91 Resp: 306503

Ion Ratio Lower Upper

91 100

92 59.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.376 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.016 min

Lab File: VV027900.D

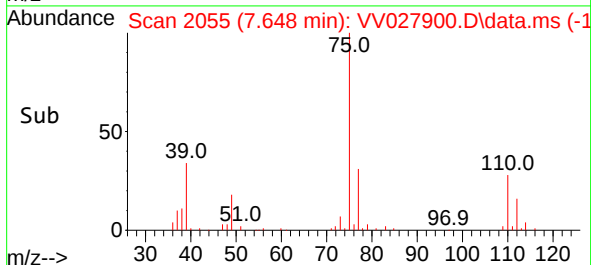
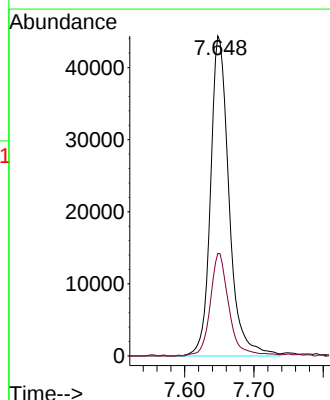
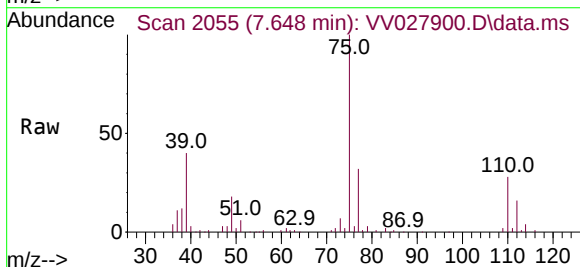
Acq: 17 Sep 2022 14:41

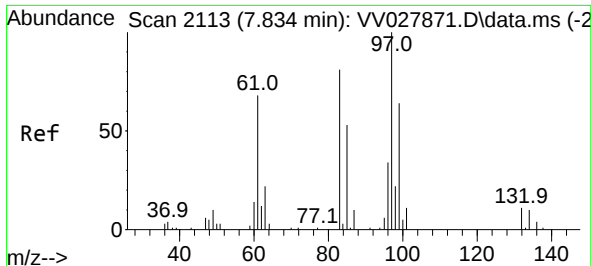
Tgt Ion: 75 Resp: 82397

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.356 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.013 min

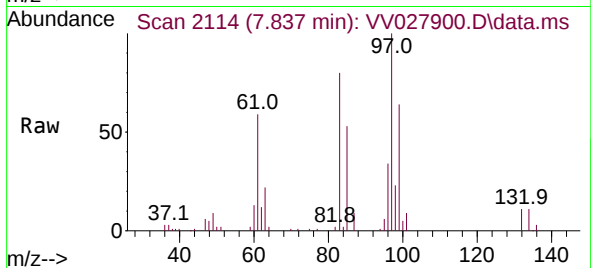
Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 47953

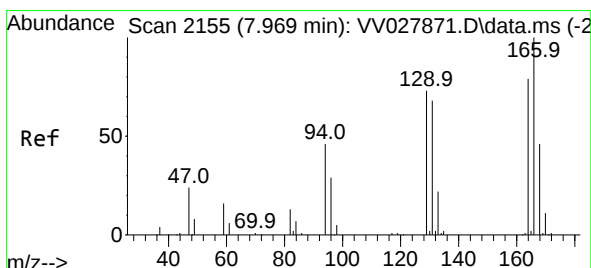
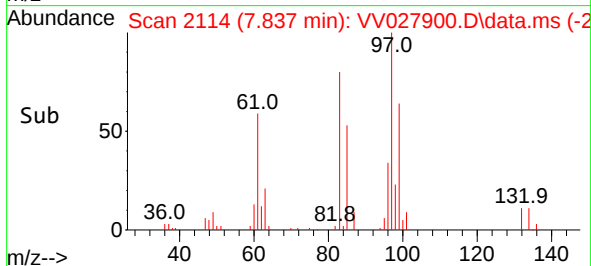
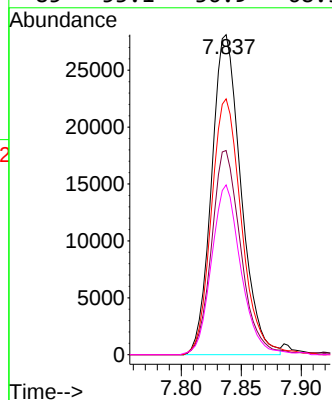
Ion Ratio Lower Upper

97 100

99 63.8 44.2 82.0

83 79.9 60.3 112.1

85 53.1 36.9 68.5



#47

Tetrachloroethene

Concen: 5.428 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Tgt Ion:164 Resp: 62712

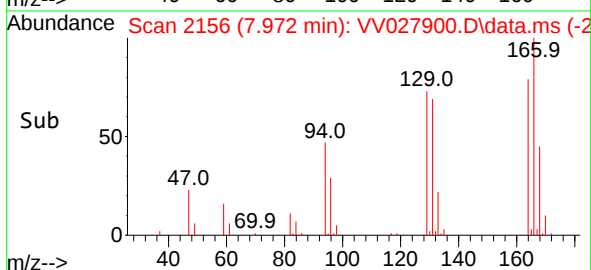
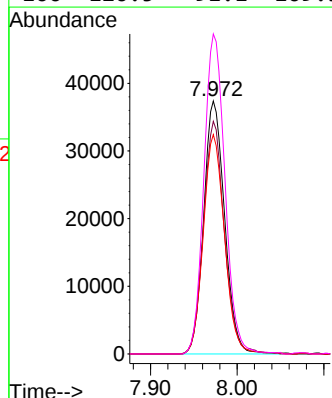
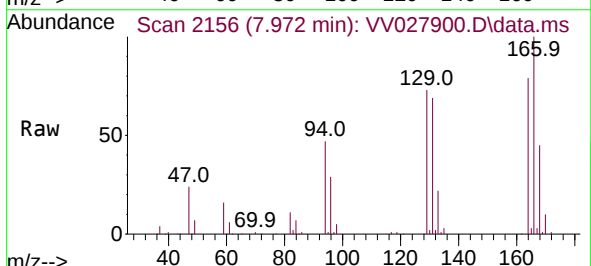
Ion Ratio Lower Upper

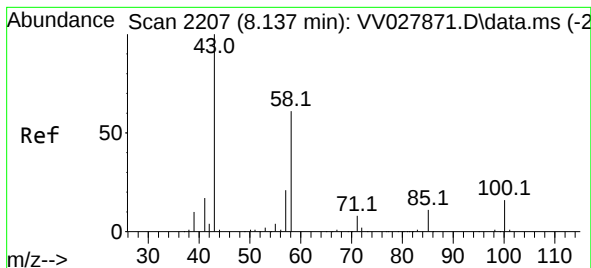
164 100

129 91.9 67.2 124.8

131 86.7 61.5 114.3

166 126.5 91.1 169.3





#48

2-Hexanone

Concen: 56.200 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.029 min

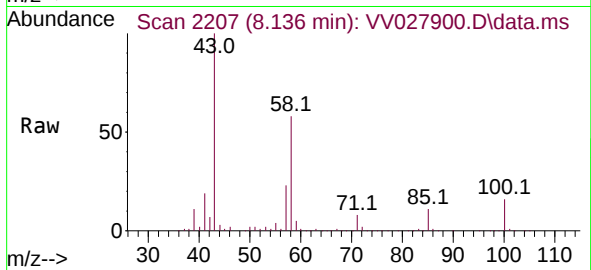
Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 225901

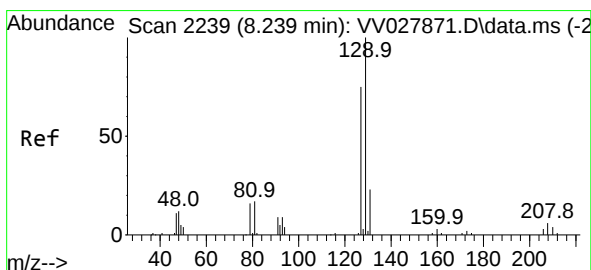
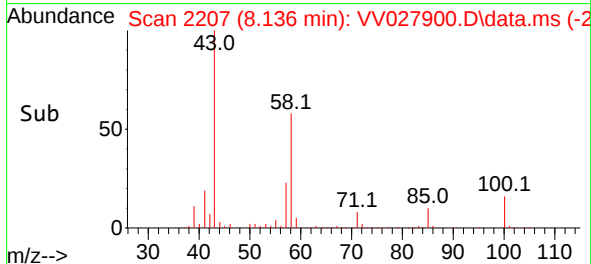
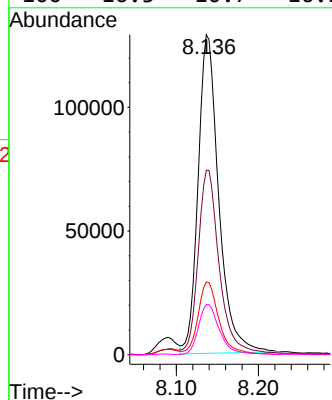
Ion Ratio Lower Upper

43 100

58 58.9 43.2 64.8

57 22.9 15.6 23.4

100 16.3 10.7 16.1#



#49

Dibromochloromethane

Concen: 5.341 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.013 min

Lab File: VV027900.D

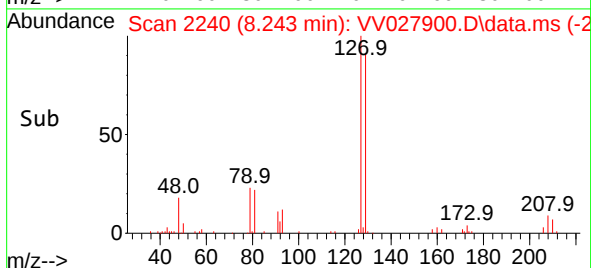
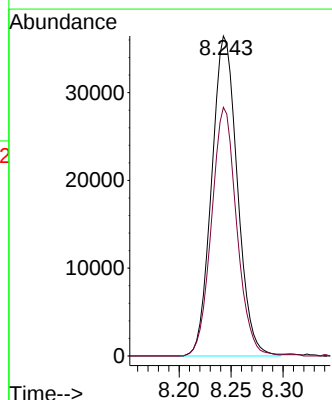
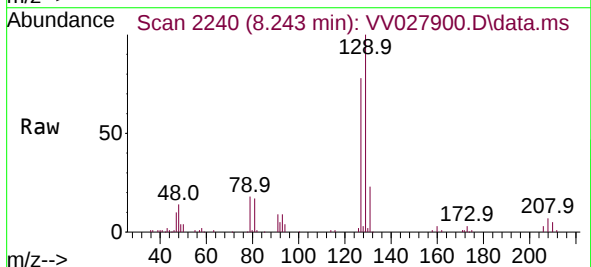
Acq: 17 Sep 2022 14:41

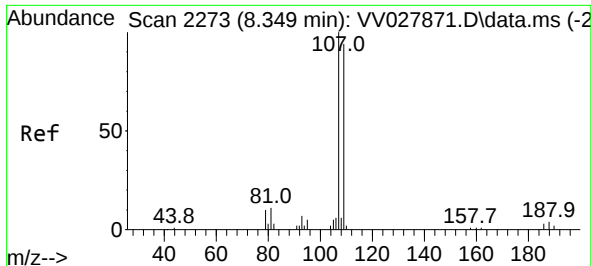
Tgt Ion:129 Resp: 62728

Ion Ratio Lower Upper

129 100

127 77.7 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.332 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV027900.D

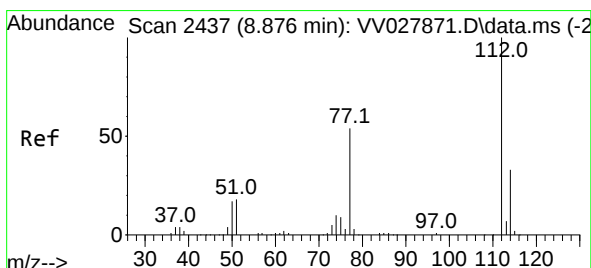
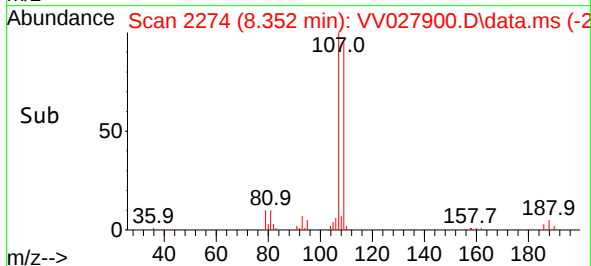
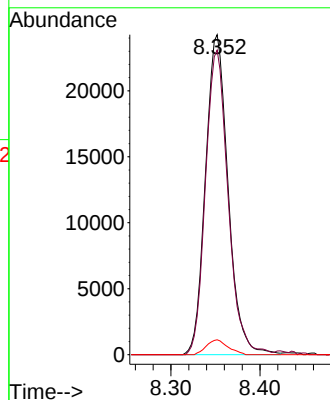
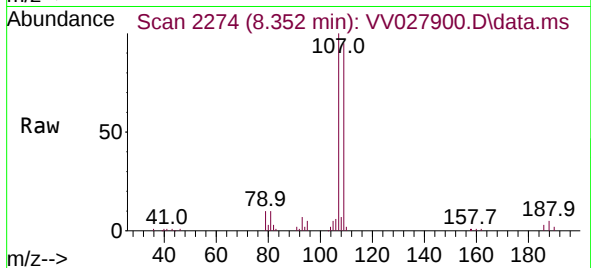
Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	42807
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.9	122.5
188	4.7	3.1	4.7



#51

Chlorobenzene

Concen: 5.218 ug/L

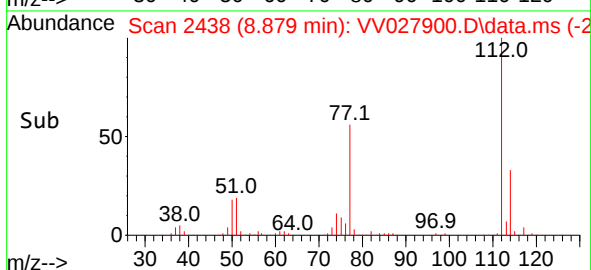
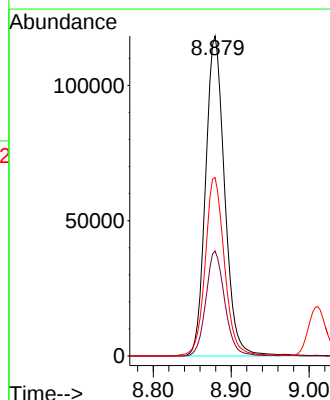
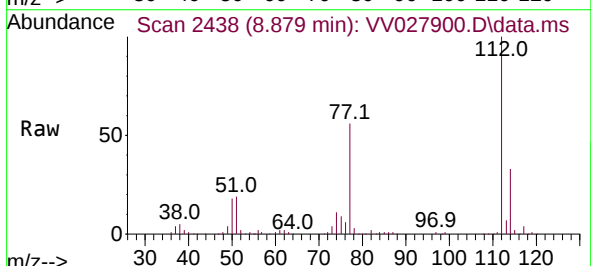
RT: 8.879 min Scan# 2438

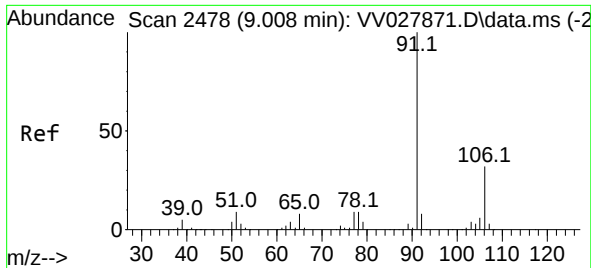
Delta R.T. -0.006 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Tgt Ion:	112	Resp:	200740
Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.7	40.3
77	55.7	45.3	67.9

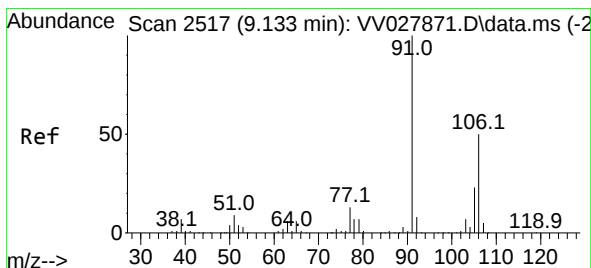
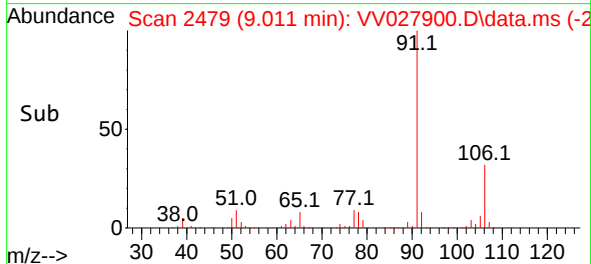
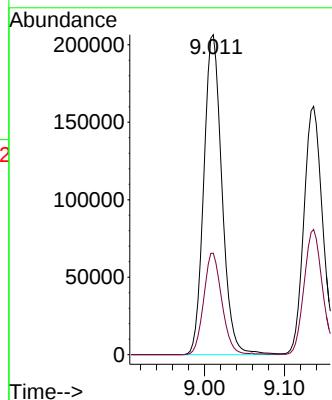
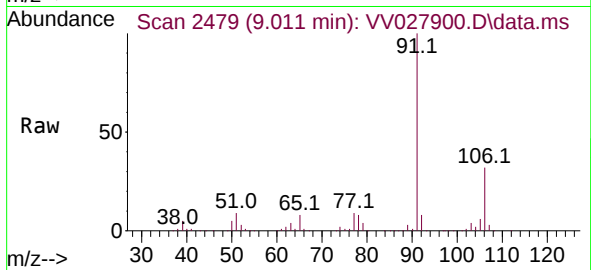




#52
Ethylbenzene
Concen: 5.340 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

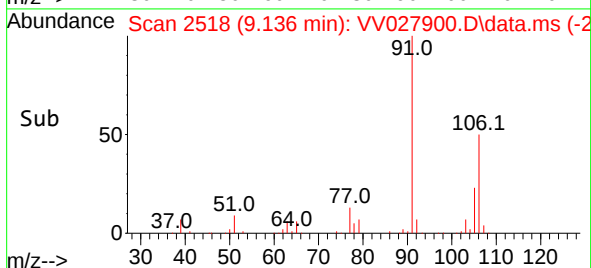
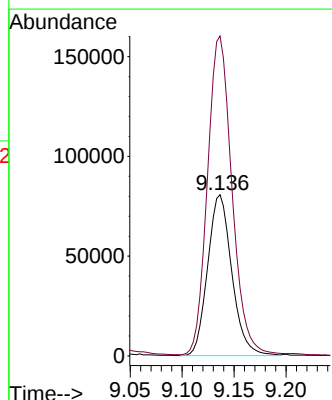
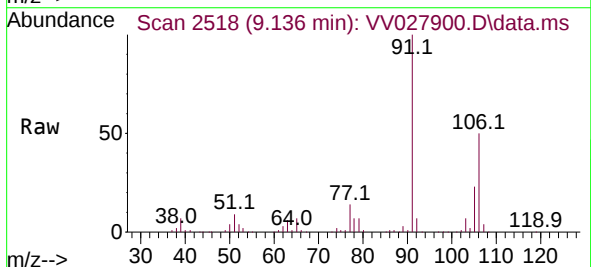
Instrument :
MSVOA_V
ClientSampleId :

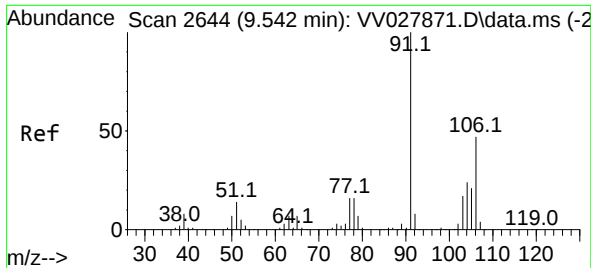
Tgt Ion: 91 Resp: 326669
Ion Ratio Lower Upper
91 100
106 31.7 22.0 40.8



#53
m,p-Xylene
Concen: 5.372 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion:106 Resp: 130182
Ion Ratio Lower Upper
106 100
91 198.3 142.4 264.4

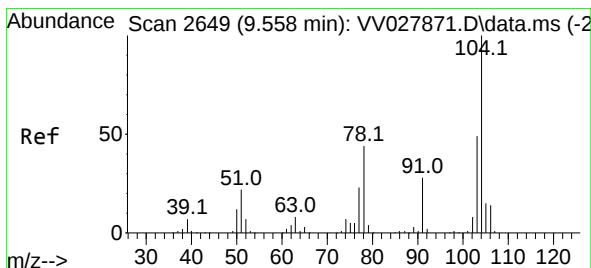
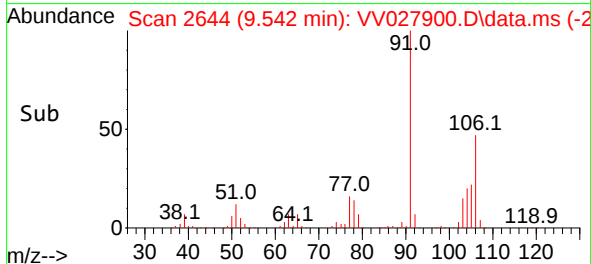
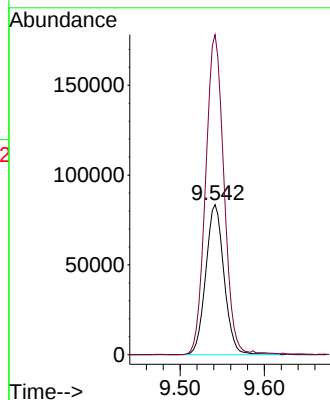
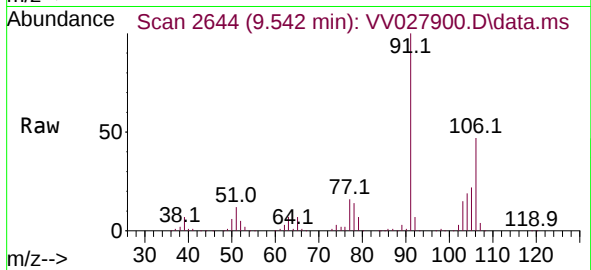




#54
o-Xylene
Concen: 5.366 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

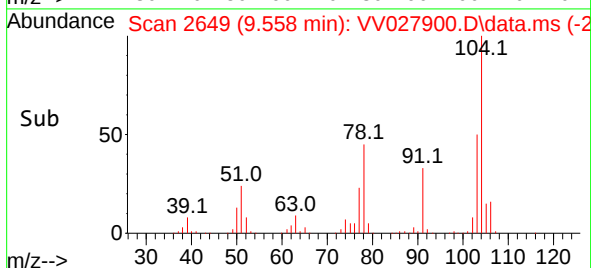
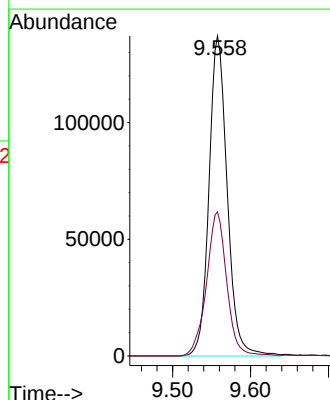
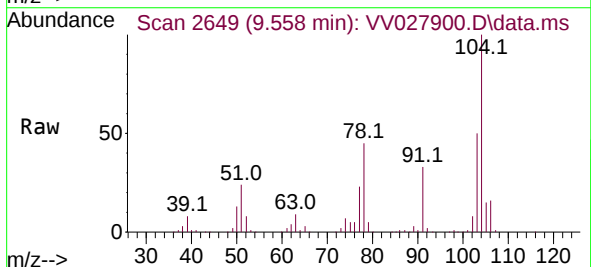
Instrument :
MSVOA_V
ClientSampleId :

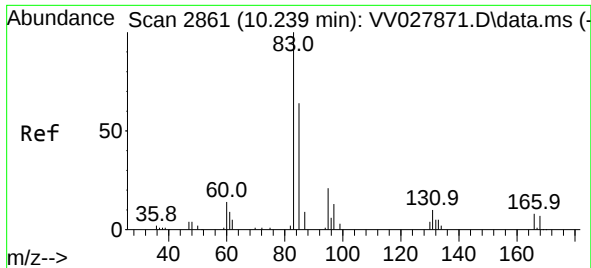
Tgt Ion:106 Resp: 126345
Ion Ratio Lower Upper
106 100
91 213.1 147.5 273.9



#55
Styrene
Concen: 5.476 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion:104 Resp: 222806
Ion Ratio Lower Upper
104 100
78 45.0 31.7 58.9

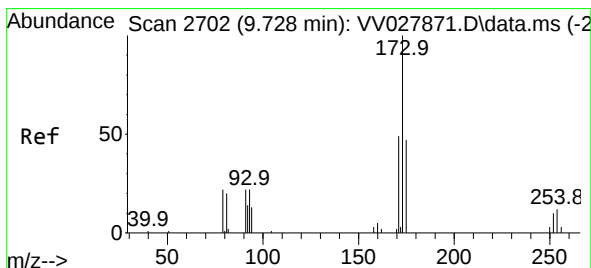
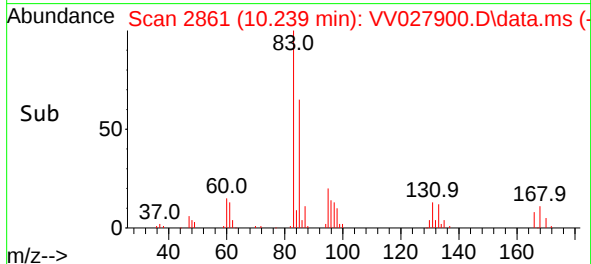
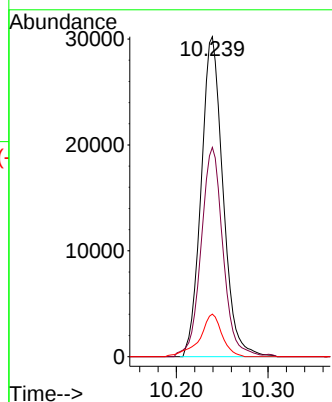
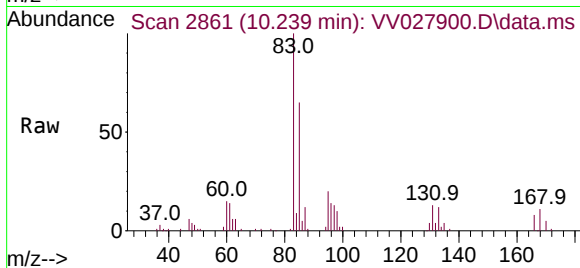




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.445 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.007 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41

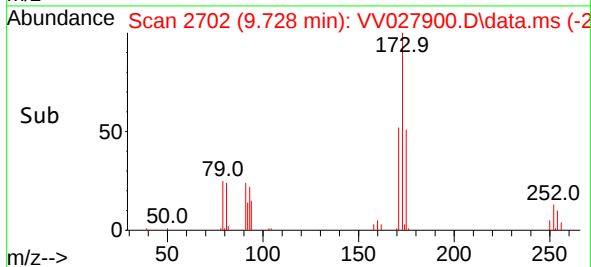
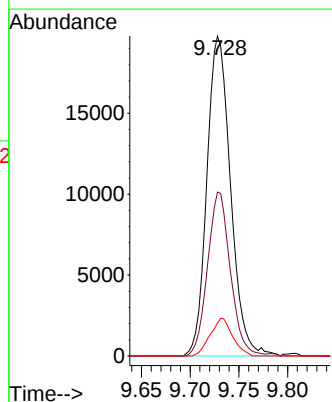
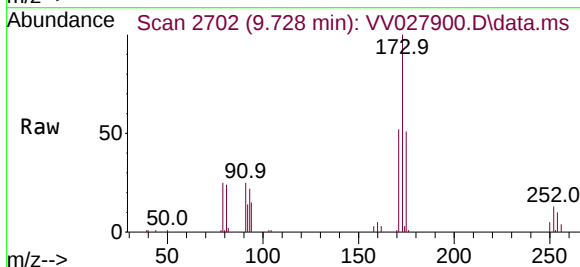
Instrument : MSVOA_V
 ClientSampleId :

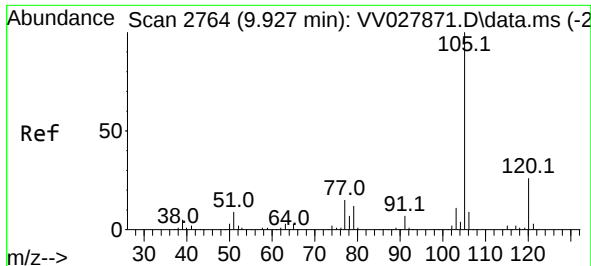
Tgt Ion: 83 Resp: 50038
 Ion Ratio Lower Upper
 83 100
 85 65.4 44.7 83.1
 131 13.3 8.5 12.7#



#59
 Bromoform
 Concen: 5.155 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.006 min
 Lab File: VV027900.D
 Acq: 17 Sep 2022 14:41

Tgt Ion: 173 Resp: 33411
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.4 57.6
 254 11.1 6.8 10.2#

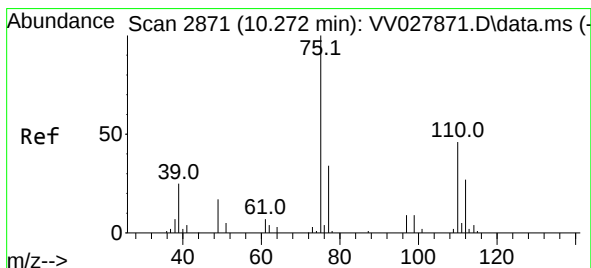
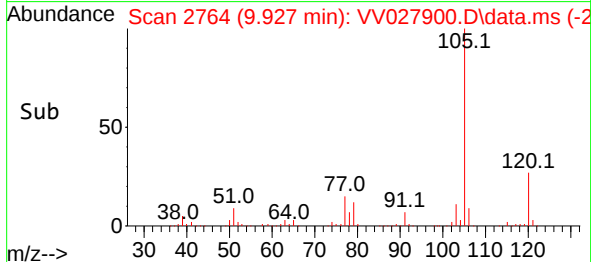
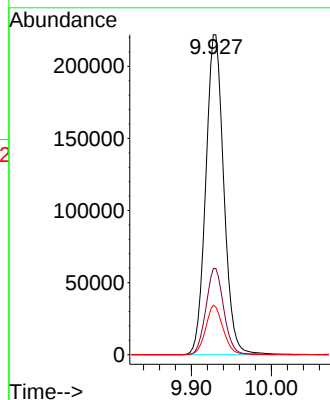
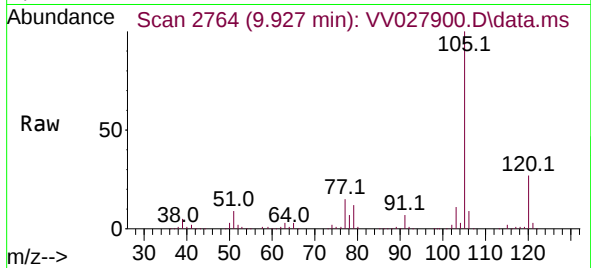




#60
Isopropylbenzene
Concen: 5.449 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.006 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

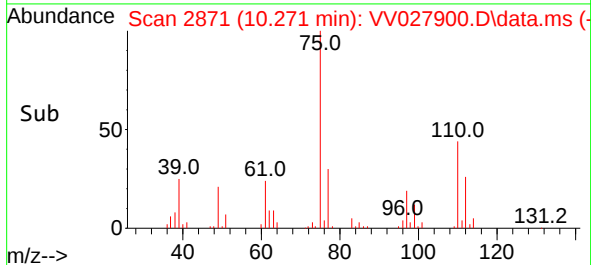
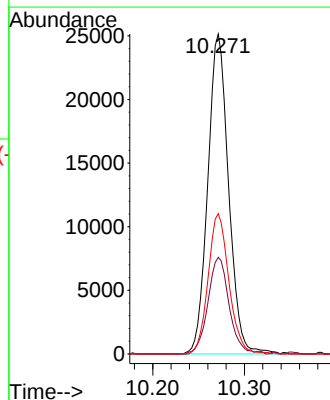
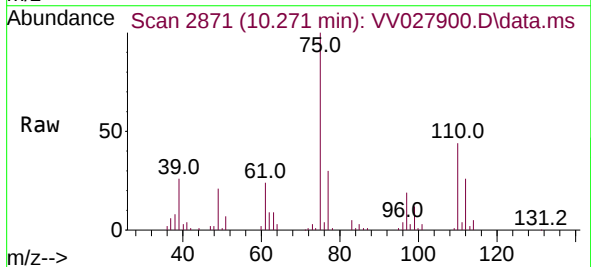
Instrument :
MSVOA_V
ClientSampleId :

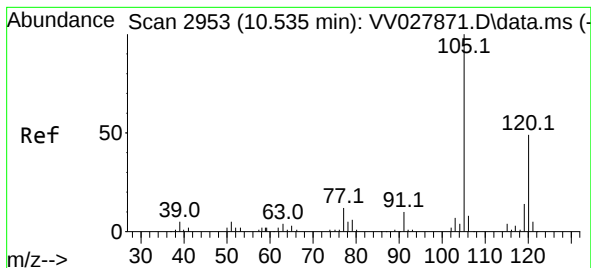
Tgt Ion:105 Resp: 348013
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.281 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion: 75 Resp: 39673
Ion Ratio Lower Upper
75 100
77 30.8 27.6 41.4
110 43.8 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.238 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

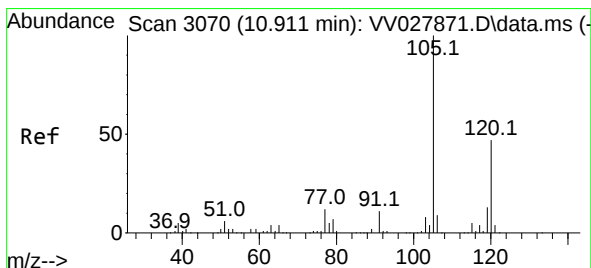
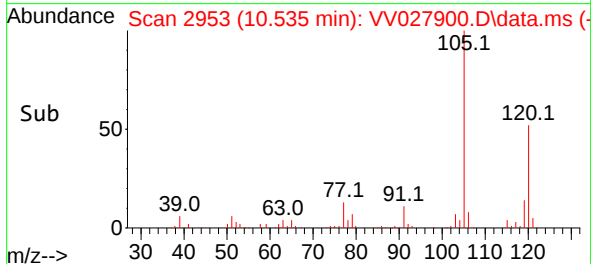
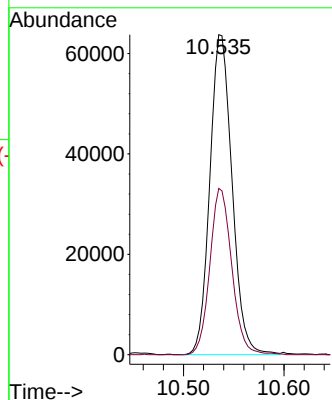
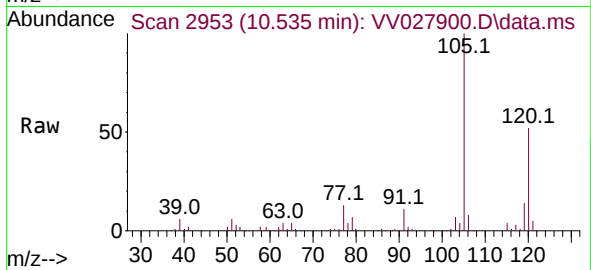
ClientSampleId :

Tgt Ion:105 Resp: 97965

Ion Ratio Lower Upper

105 100

120 51.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.281 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027900.D

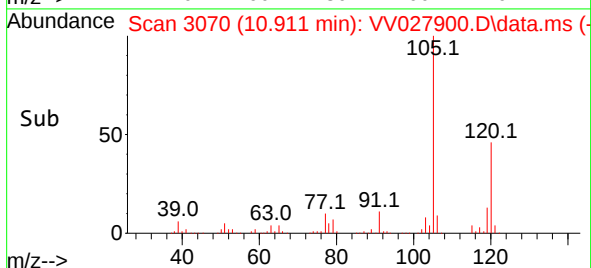
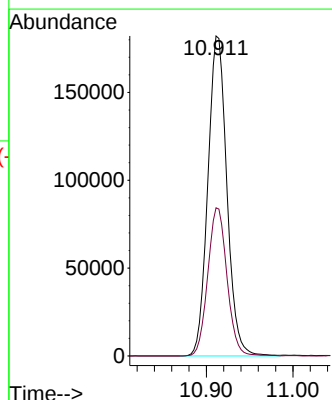
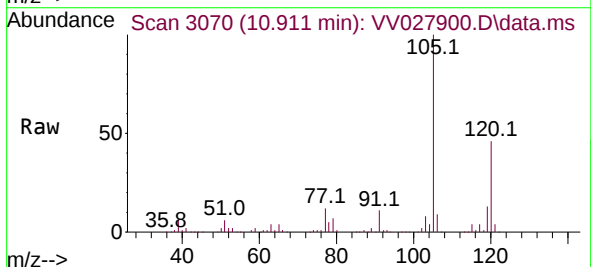
Acq: 17 Sep 2022 14:41

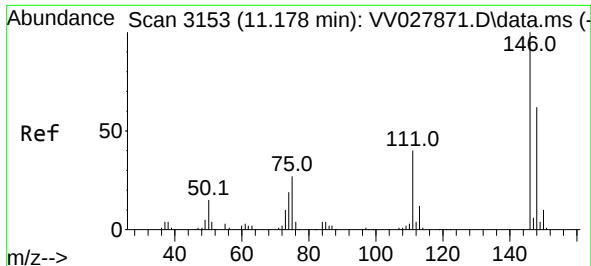
Tgt Ion:105 Resp: 277650

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.0

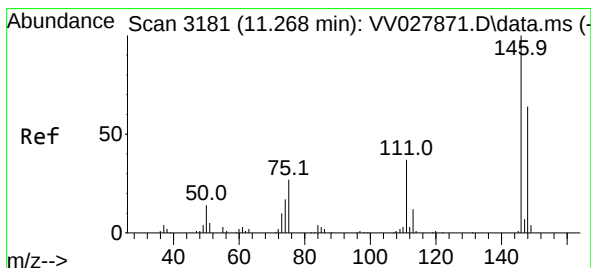
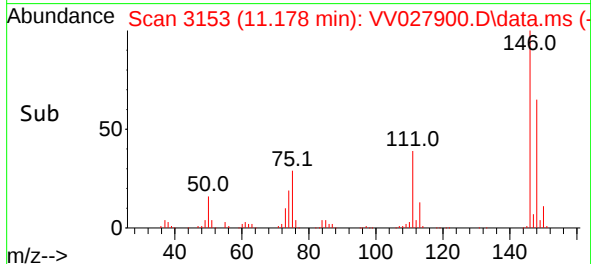
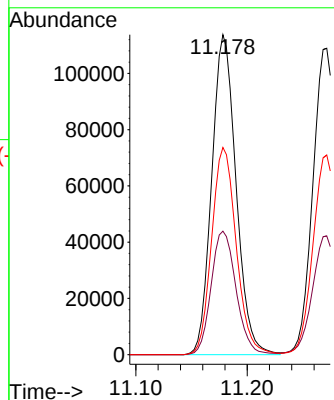
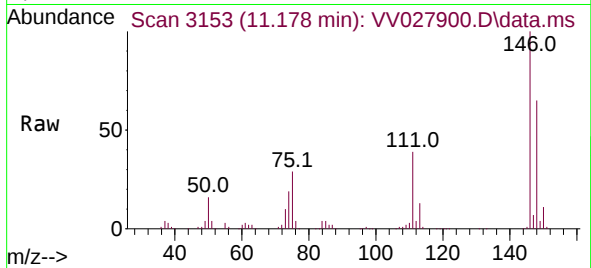




#64
1,3-Dichlorobenzene
Concen: 5.321 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

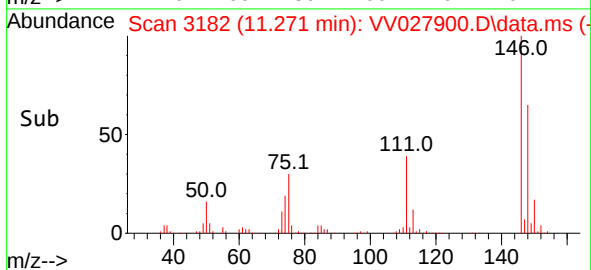
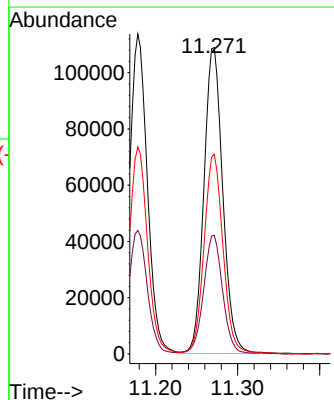
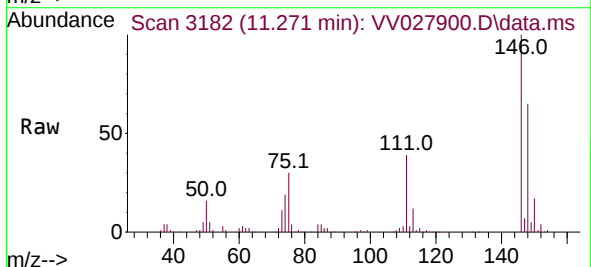
Instrument :
MSVOA_V
ClientSampleId :

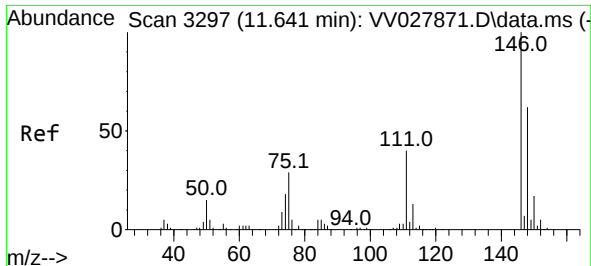
Tgt Ion:146 Resp: 172544
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.9
148 64.8 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.284 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027900.D
Acq: 17 Sep 2022 14:41

Tgt Ion:146 Resp: 173626
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 65.1 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 5.323 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :

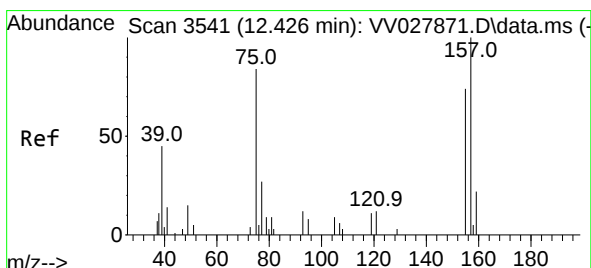
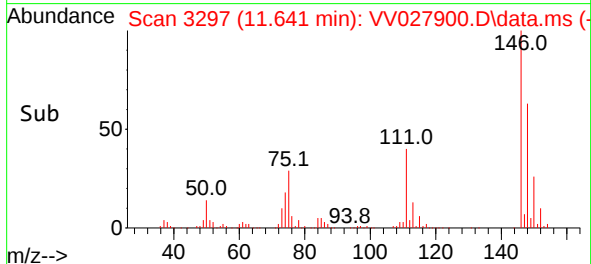
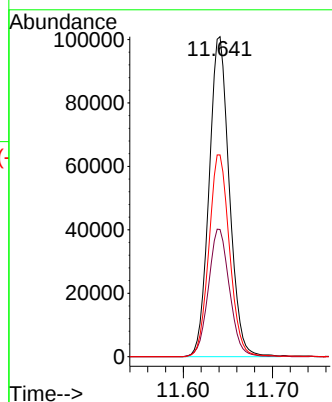
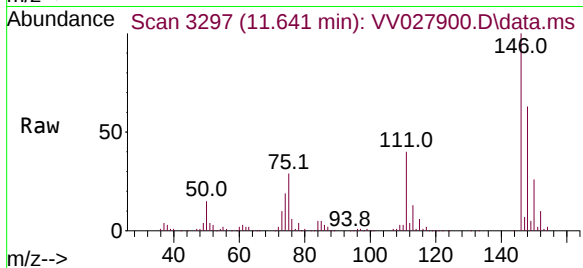
Tgt Ion:146 Resp: 158907

Ion Ratio Lower Upper

146 100

111 39.8 33.1 49.7

148 63.1 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.361 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

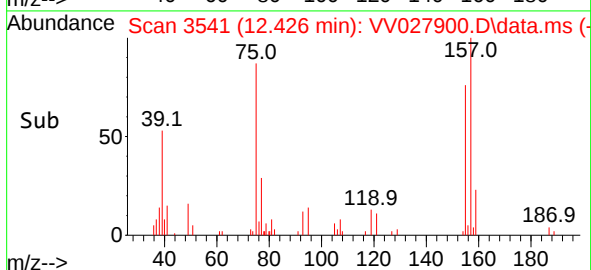
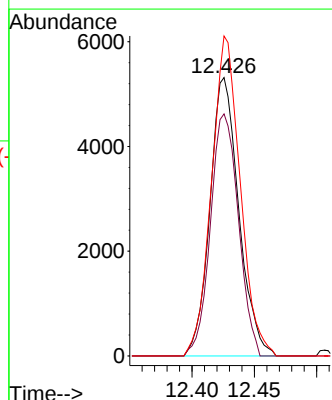
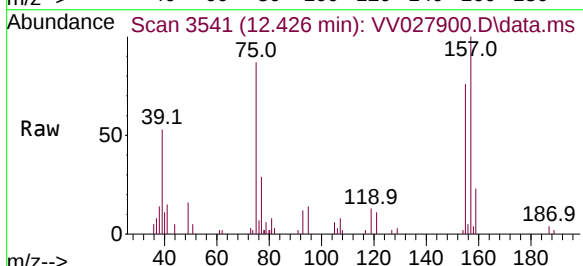
Tgt Ion: 75 Resp: 8591

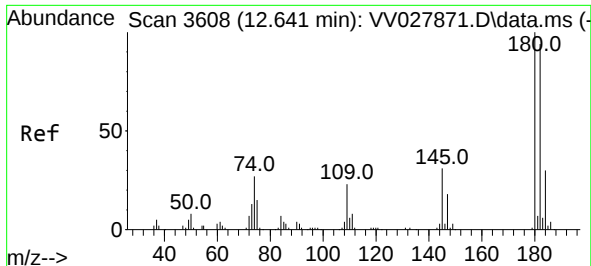
Ion Ratio Lower Upper

75 100

155 87.0 71.9 107.9

157 115.0 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 5.232 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.003 min

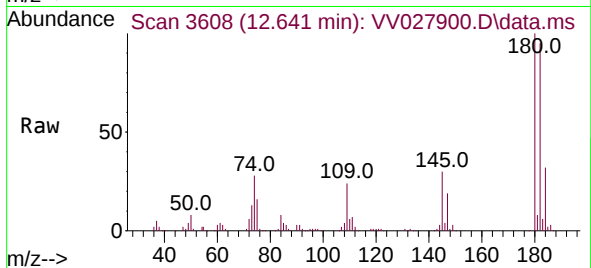
Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 137476

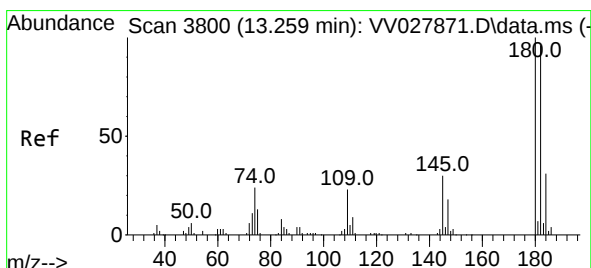
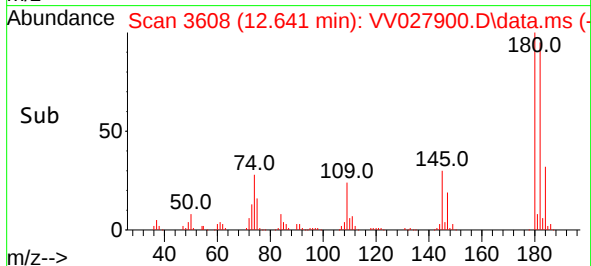
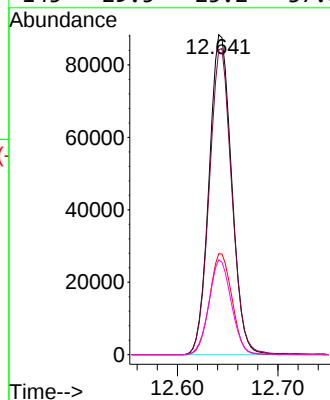
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

184 31.4 23.8 35.6

145 29.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.338 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

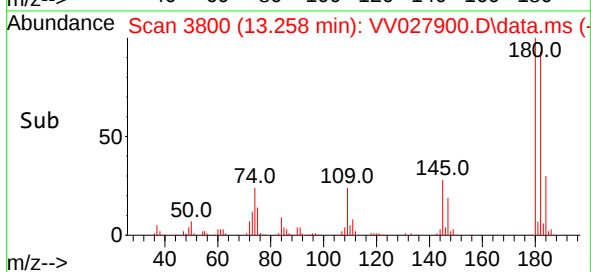
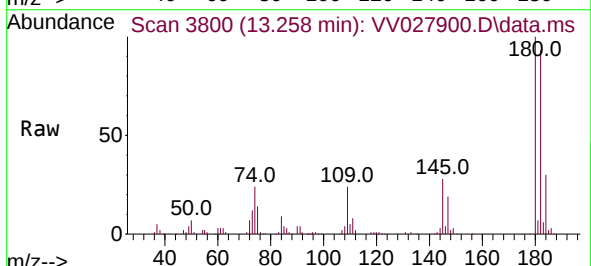
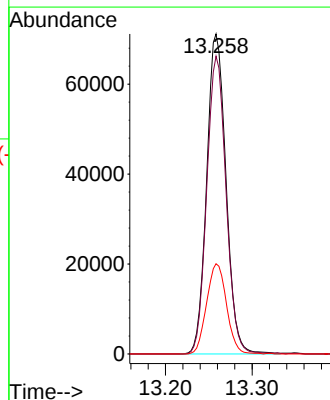
Tgt Ion:180 Resp: 110432

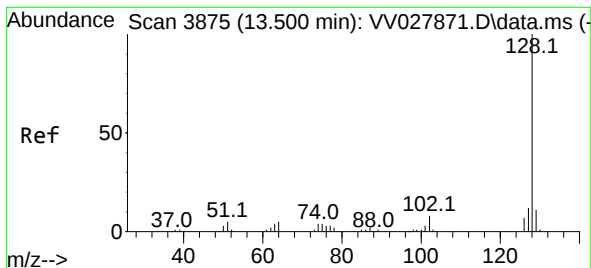
Ion Ratio Lower Upper

180 100

182 92.7 76.6 114.8

145 29.0 24.6 37.0





#71

Naphthalene

Concen: 4.937 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Instrument :

MSVOA_V

ClientSampleId :

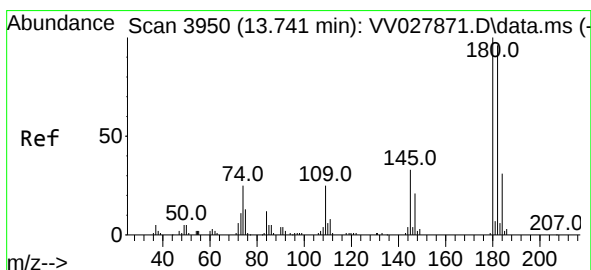
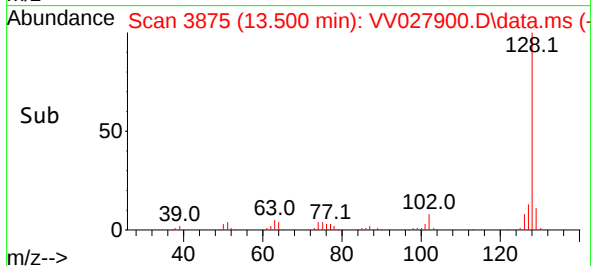
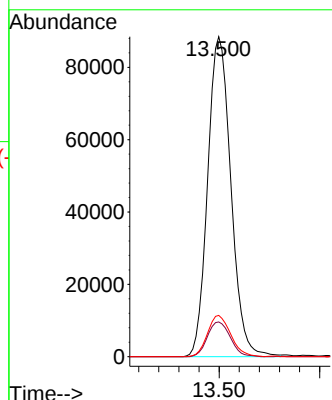
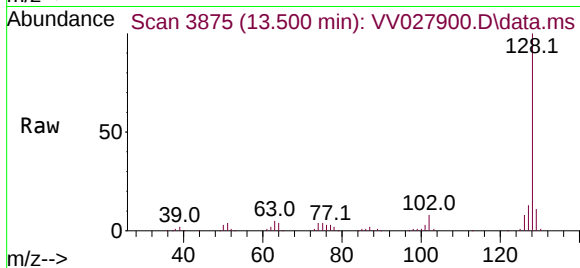
Tgt Ion:128 Resp: 141968

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

127 12.9 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.284 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027900.D

Acq: 17 Sep 2022 14:41

Tgt Ion:180 Resp: 93055

Ion Ratio Lower Upper

180 100

182 96.4 76.5 114.7

145 31.8 26.5 39.7

