

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027629.D
 Acq On : 31 Aug 2022 19:58
 Operator : SY/MD
 Sample : VSTD00125
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 01:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13280	0.942	ug/L	0.00
7) Chloroethane-d5	1.561	69	11243	0.953	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	28760	1.042	ug/L	0.00
20) 2-Butanone-d5	3.937	46	21232	10.032	ug/L	0.04
24) Chloroform-d	4.346	84	27824	0.983	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12454	0.982	ug/L	0.00
32) Benzene-d6	5.050	84	47962	0.926	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	15160	0.946	ug/L	0.00
41) Toluene-d8	7.317	98	38801	0.865	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4287	0.869	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	13588	7.320	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10107	0.980	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	12467	0.984	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	19168	1.084	ug/L	97
3) Chloromethane	1.240	50	17996	1.063	ug/L	97
5) Vinyl chloride	1.307	62	16199	1.005	ug/L	100
6) Bromomethane	1.516	94	7361	0.971	ug/L	91
8) Chloroethane	1.577	64	9438	1.047	ug/L	93
9) Trichlorofluoromethane	1.748	101	23568	1.090	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12672	1.076	ug/L	97
12) 1,1-Dichloroethene	2.111	96	12025	1.110	ug/L	95
13) Acetone	2.446	43	2993	1.917	ug/L	66
14) Carbon disulfide	2.288	76	38442	1.123	ug/L	99
15) Methyl Acetate	2.446	43	3674	0.858	ug/L #	78
16) Methylene chloride	2.503	84	15405	1.127	ug/L	95
17) Methyl tert-butyl Ether	2.774	73	22522	0.973	ug/L #	94
18) trans-1,2-Dichloroethene	2.757	96	12858	1.047	ug/L	98
19) 1,1-Dichloroethane	3.188	63	26447	1.100	ug/L	96
21) 2-Butanone	4.150	43	484	0.258	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	12012	0.980	ug/L	84
23) Bromochloromethane	4.246	128	6034	1.111	ug/L	92
25) Chloroform	4.375	83	26675	1.057	ug/L	100
27) 1,2-Dichloroethane	5.137	62	14775	1.072	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	23301	1.066	ug/L	99
30) Cyclohexane	4.671	56	17139	0.929	ug/L	95
31) Carbon tetrachloride	4.825	117	19707	1.053	ug/L	100
33) Benzene	5.098	78	48002	0.973	ug/L	100
34) Trichloroethene	5.918	95	12421	1.024	ug/L	97
35) Methylcyclohexane	6.127	83	17622	0.937	ug/L	99
37) 1,2-Dichloropropane	6.172	63	12409	0.996	ug/L #	96
38) Bromodichloromethane	6.510	83	16706	1.061	ug/L #	98
39) cis-1,3-Dichloropropene	7.031	75	14412	0.948	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	47572	8.594	ug/L	96
42) Toluene	7.387	91	45692	0.928	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	11872	0.958	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027629.D
 Acq On : 31 Aug 2022 19:58
 Operator : SY/MD
 Sample : VSTD00125
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

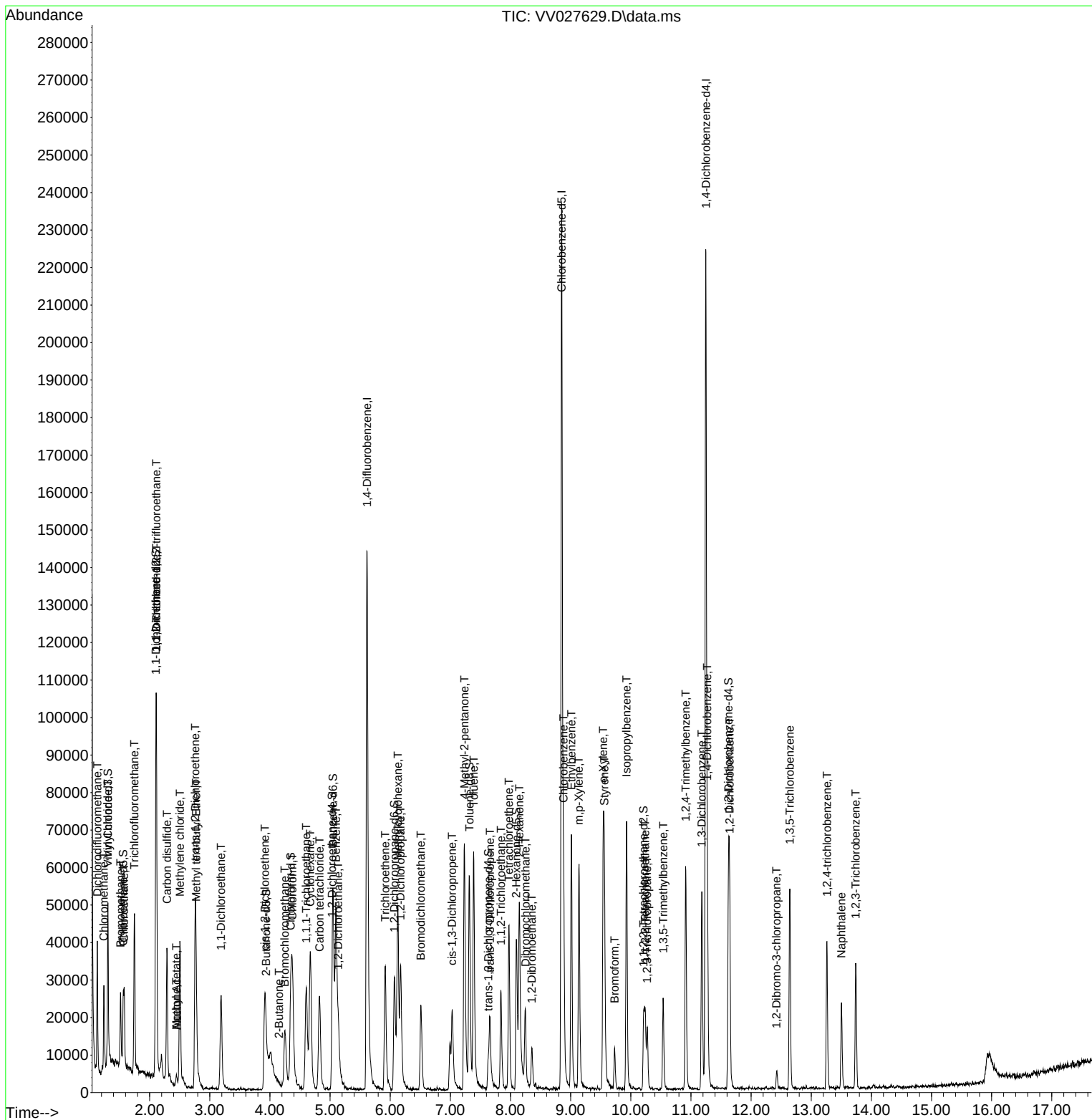
Instrument :
 MSVOA_V
 ClientSampleId :

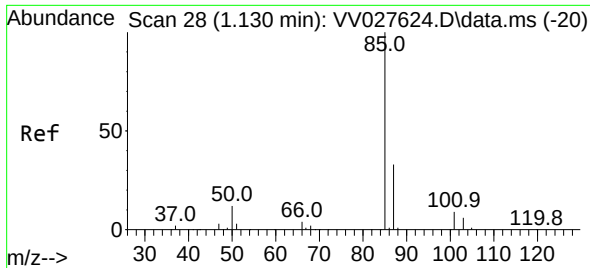
Quant Time: Sep 01 01:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	8176	1.018	ug/L	91
47) Tetrachloroethene	7.973	164	10044	1.022	ug/L	95
48) 2-Hexanone	8.146	43	33650	8.103	ug/L	96
49) Dibromochloromethane	8.249	129	9880	1.038	ug/L	99
50) 1,2-Dibromoethane	8.355	107	7540	1.048	ug/L	94
51) Chlorobenzene	8.883	112	31100	1.002	ug/L	98
52) Ethylbenzene	9.011	91	44830	0.898	ug/L	99
53) m,p-Xylene	9.137	106	17045	0.889	ug/L	94
54) o-Xylene	9.542	106	16309	0.891	ug/L	96
55) Styrene	9.561	104	25648	0.820	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	9155	1.031	ug/L	99
59) Bromoform	9.731	173	4590	1.141	ug/L #	92
60) Isopropylbenzene	9.931	105	42946	1.002	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	6574	1.148	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	12562	1.075	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	32045	0.953	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	21500	1.040	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	21422	1.042	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	19505	1.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	1248	1.094	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.645	180	16005	1.074	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	11225	1.022	ug/L	99
71) Naphthalene	13.503	128	16957	0.986	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	9658	0.976	ug/L	99

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

Quant Time: Sep 01 01:50:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 01:48:34 2022
Response via : Initial Calibration

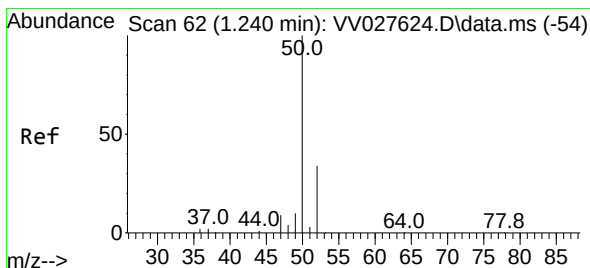
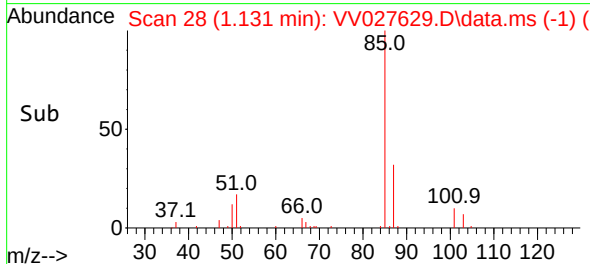
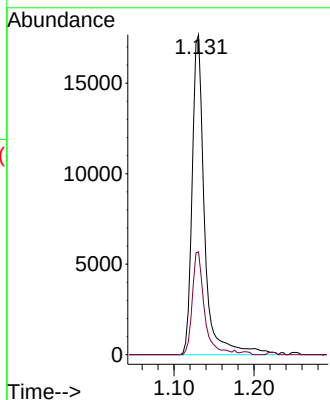
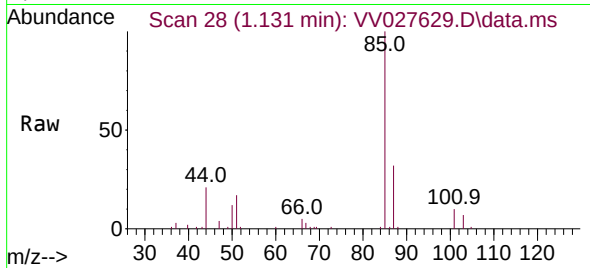




#2
 Dichlorodifluoromethane
 Concen: 1.084 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV027629.D
 Acq: 31 Aug 2022 19:58

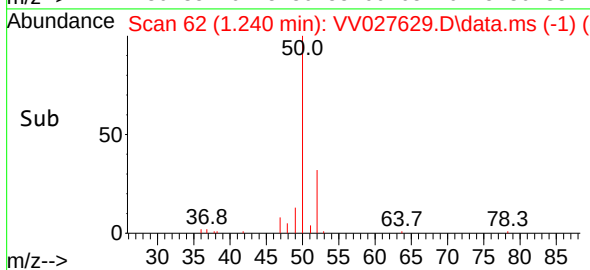
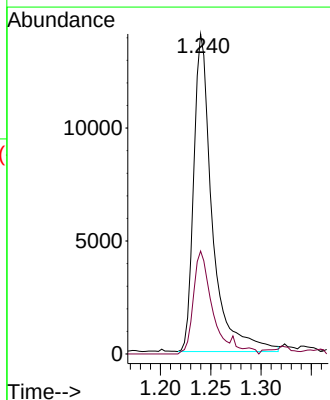
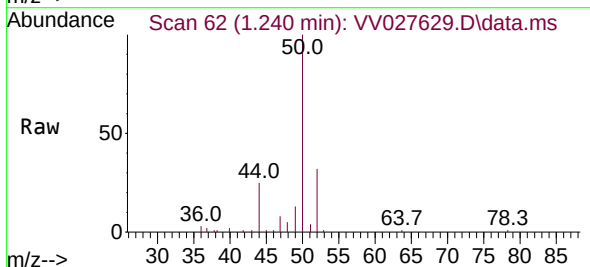
Instrument :
 MSVOA_V
 ClientSampleId :

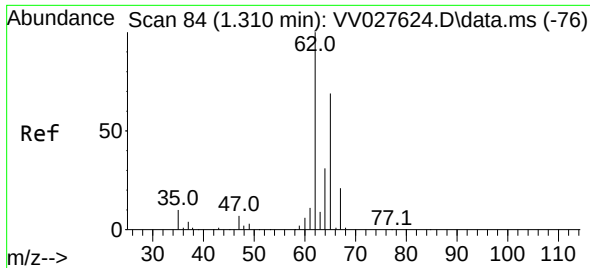
Tgt Ion: 85 Resp: 19168
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4



#3
 Chloromethane
 Concen: 1.063 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027629.D
 Acq: 31 Aug 2022 19:58

Tgt Ion: 50 Resp: 17996
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.5 43.7

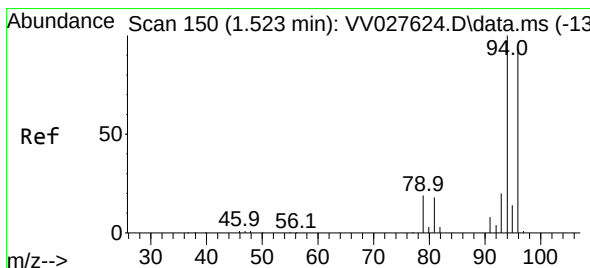
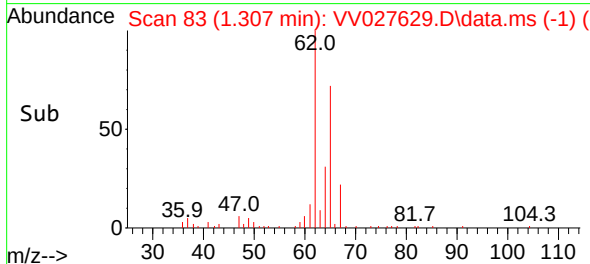
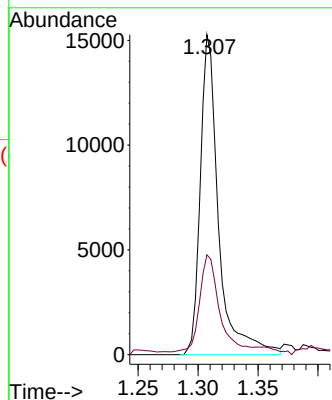
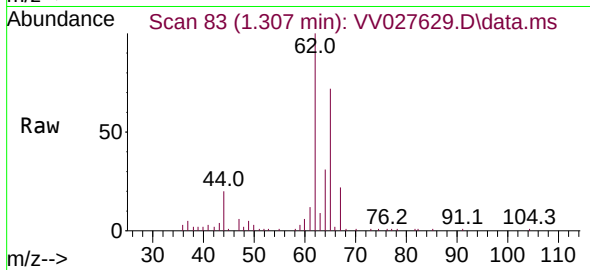




#5
 Vinyl chloride
 Concen: 1.005 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027629.D
 Acq: 31 Aug 2022 19:58

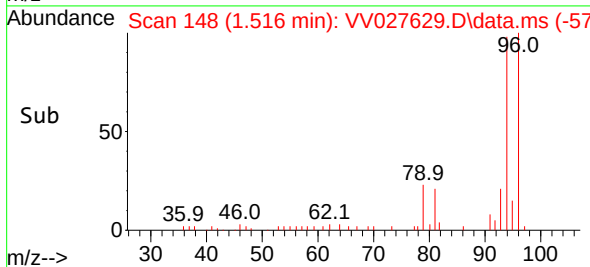
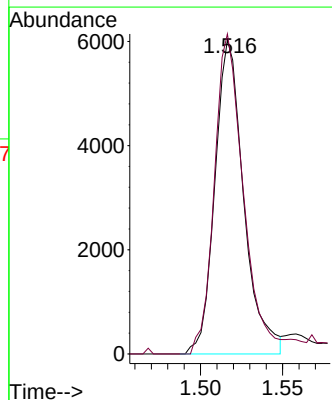
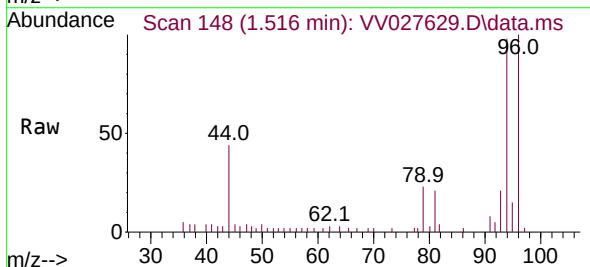
Instrument :
 MSVOA_V
 ClientSampleId :

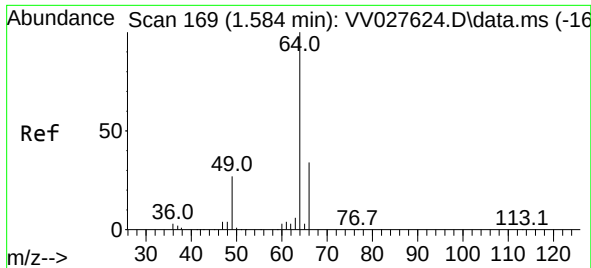
Tgt Ion: 62 Resp: 16199
 Ion Ratio Lower Upper
 62 100
 64 31.2 21.8 40.4



#6
 Bromomethane
 Concen: 0.971 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VV027629.D
 Acq: 31 Aug 2022 19:58

Tgt Ion: 94 Resp: 7361
 Ion Ratio Lower Upper
 94 100
 96 102.0 65.1 120.9

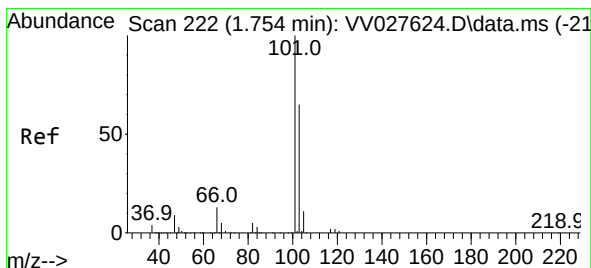
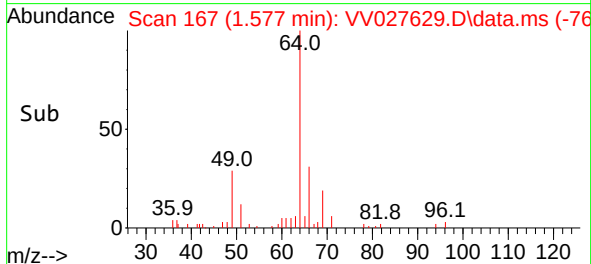
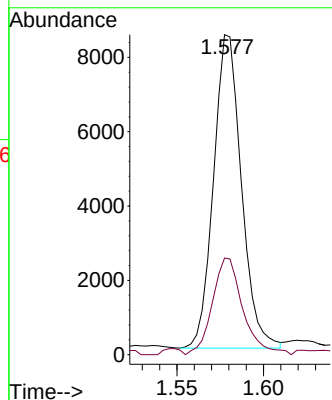
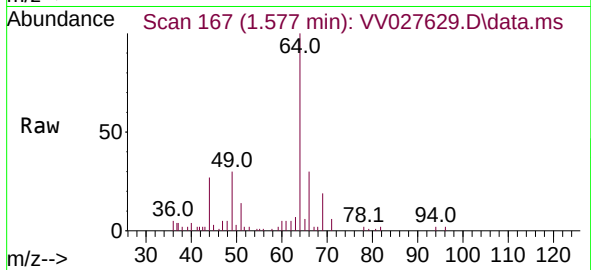




#8
Chloroethane
Concen: 1.047 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

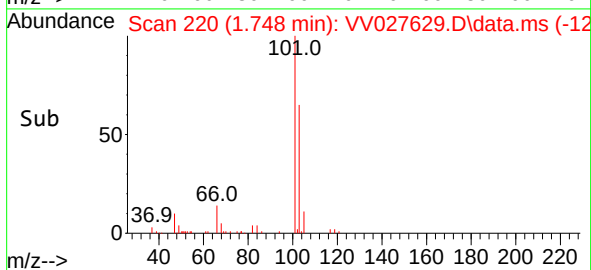
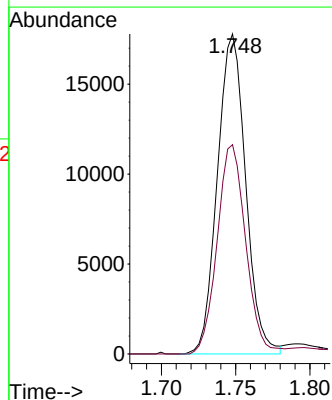
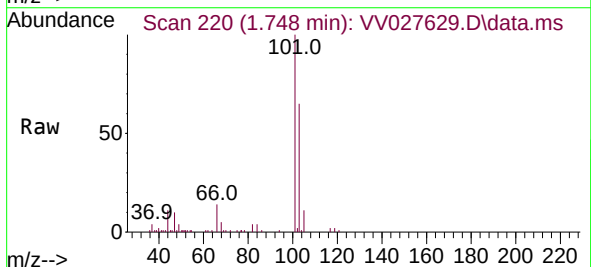
Instrument :
MSVOA_V
ClientSampleId :

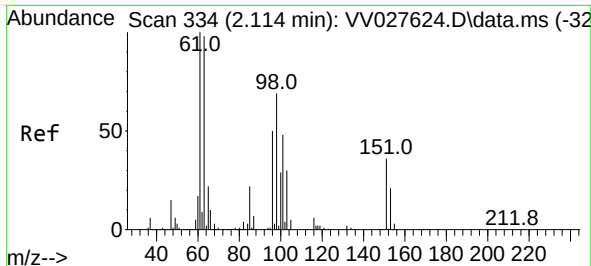
Tgt Ion: 64 Resp: 9438
Ion Ratio Lower Upper
64 100
66 30.2 24.0 44.6



#9
Trichlorofluoromethane
Concen: 1.090 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.006 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion:101 Resp: 23568
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4





#10

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

Concen: 1.076 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

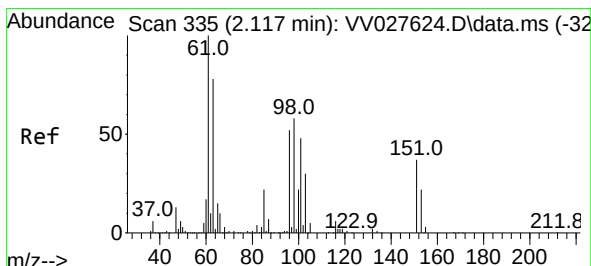
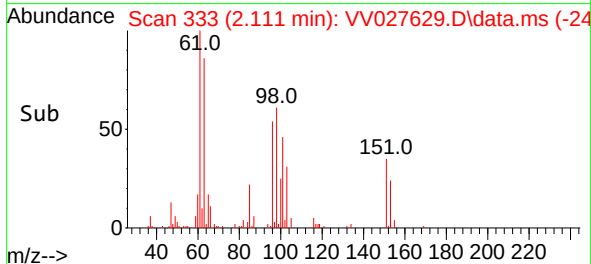
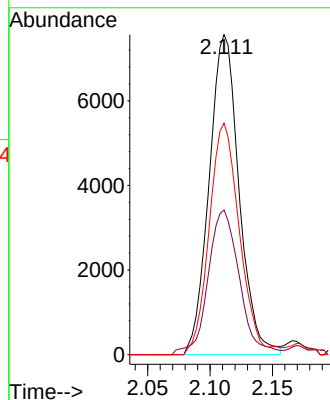
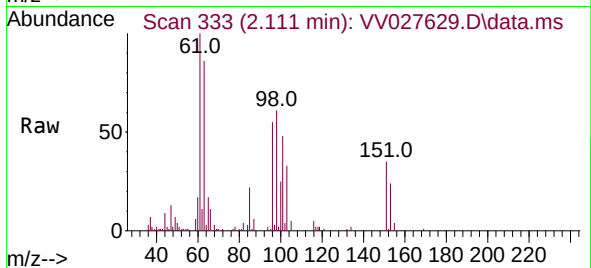
Tgt Ion:101 Resp: 12672

Ion Ratio Lower Upper

101 100

85 47.0 36.7 55.1

151 73.3 60.9 91.3



#12

1,1-Dichloroethene

Concen: 1.110 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

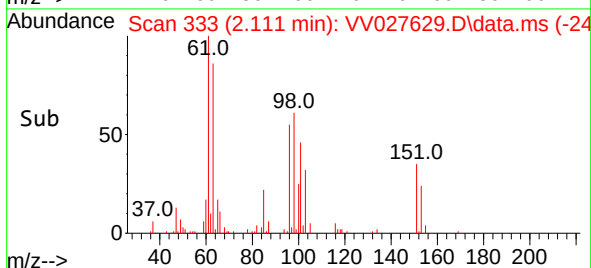
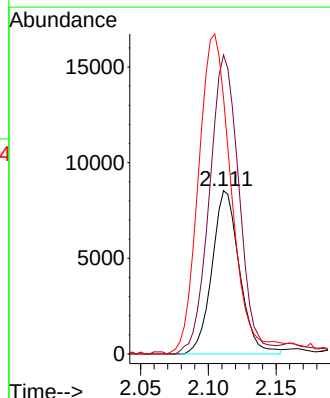
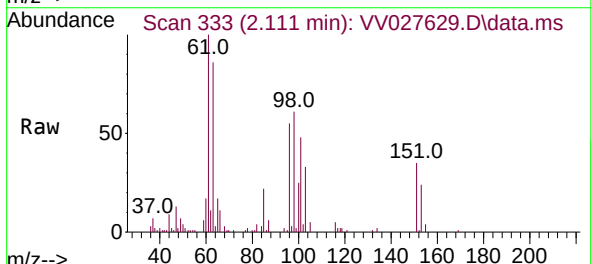
Tgt Ion: 96 Resp: 12025

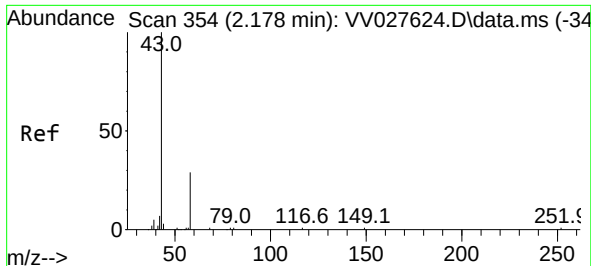
Ion Ratio Lower Upper

96 100

61 183.0 134.3 249.3

63 156.6 105.7 196.3





#13

Acetone

Concen: 1.917 ug/L

RT: 2.446 min Scan# 41

Delta R.T. 0.267 min

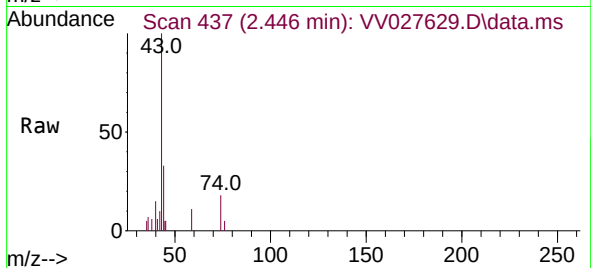
Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

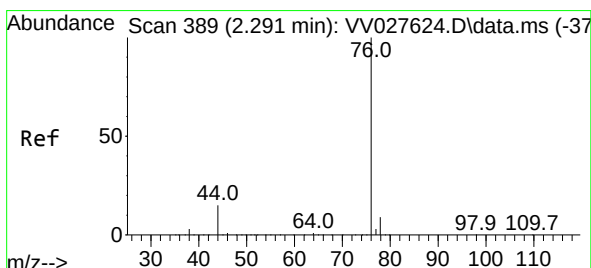
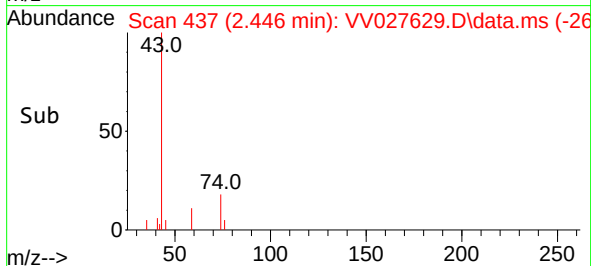
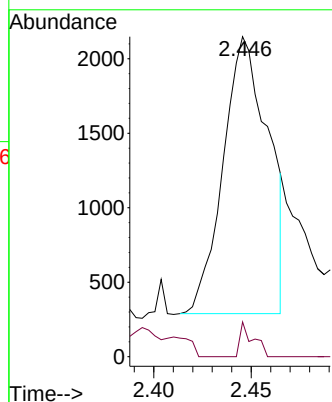


Tgt Ion: 43 Resp: 2993

Ion Ratio Lower Upper

43 100

58 3.6 0.0 38.4



#14

Carbon disulfide

Concen: 1.123 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV027629.D

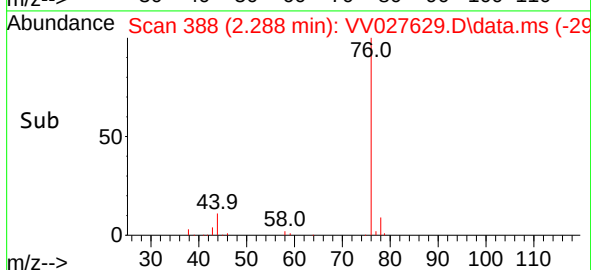
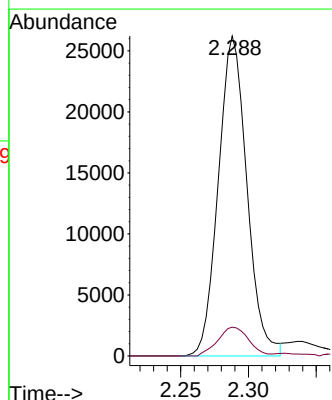
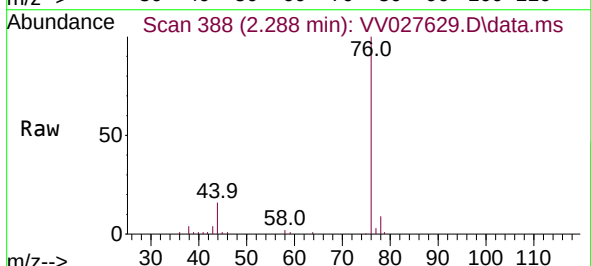
Acq: 31 Aug 2022 19:58

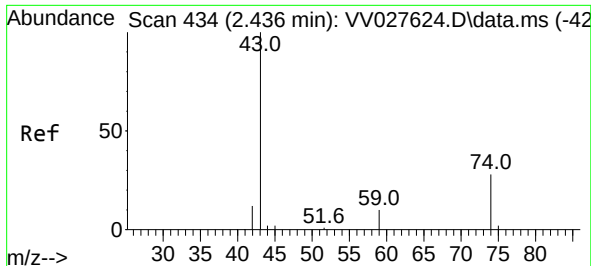
Tgt Ion: 76 Resp: 38442

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

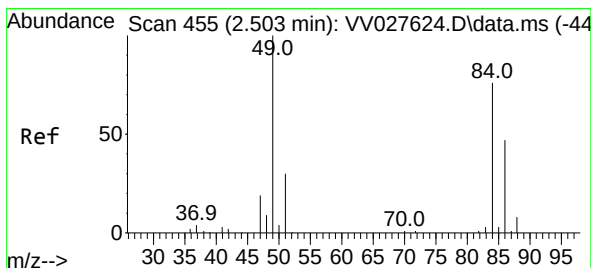
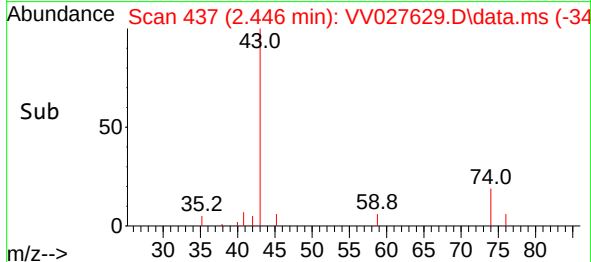
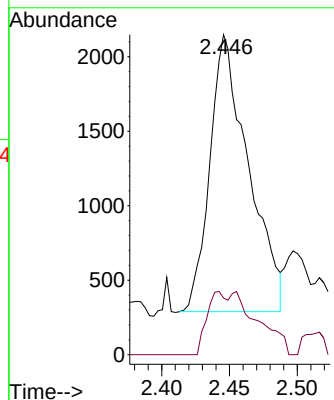
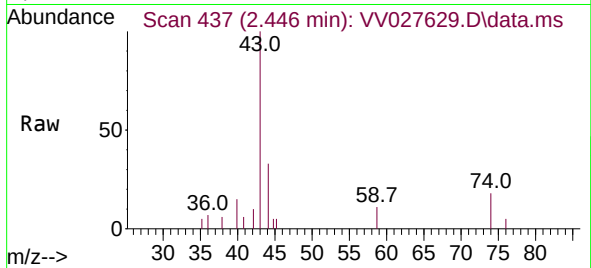




#15
Methyl Acetate
Concen: 0.858 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

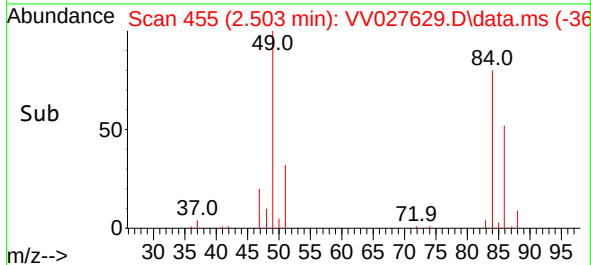
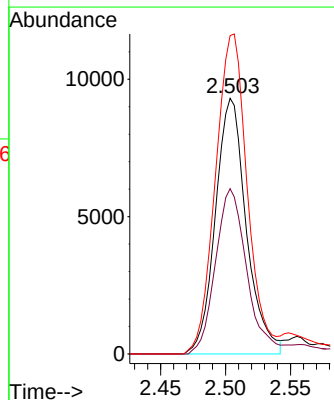
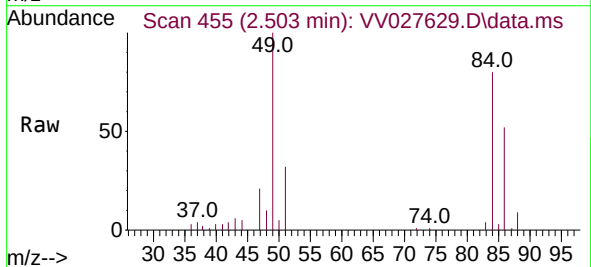
Instrument :
MSVOA_V
ClientSampleId :

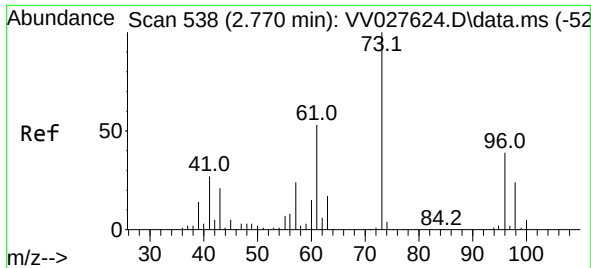
Tgt Ion: 43 Resp: 3674
Ion Ratio Lower Upper
43 100
74 12.2 18.2 27.4#



#16
Methylene chloride
Concen: 1.127 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

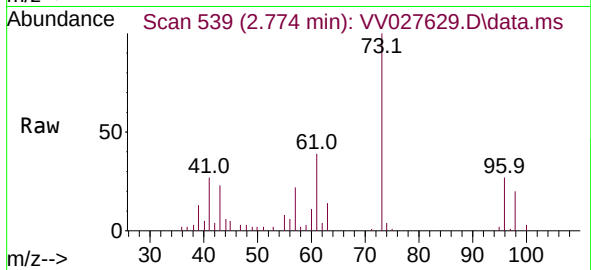
Tgt Ion: 84 Resp: 15405
Ion Ratio Lower Upper
84 100
86 64.6 43.9 81.5
49 124.5 92.5 171.7



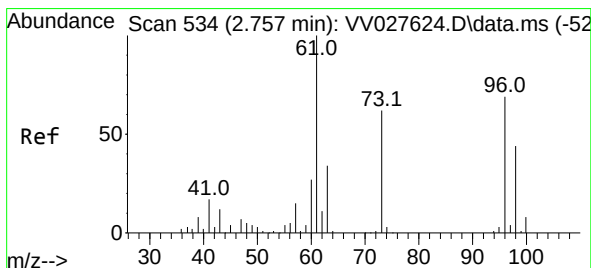
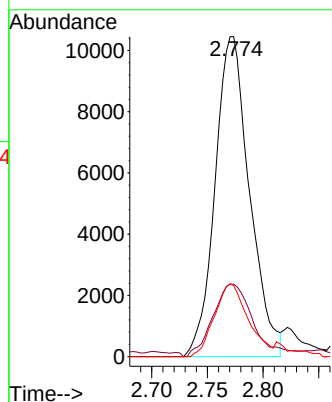
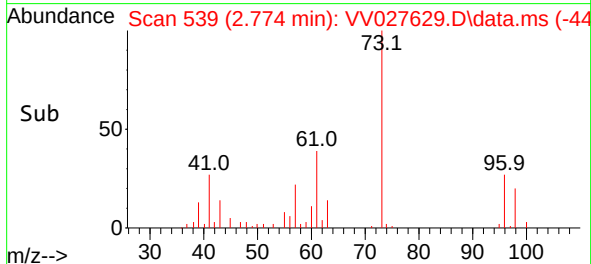


#17
Methyl tert-butyl Ether
Concen: 0.973 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Instrument :
MSVOA_V
ClientSampleId :

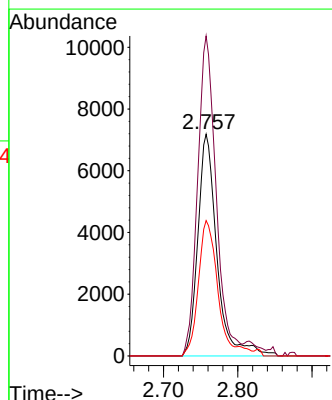
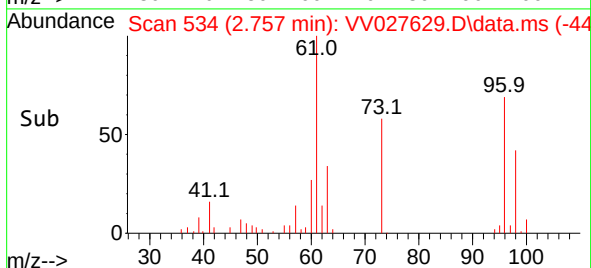
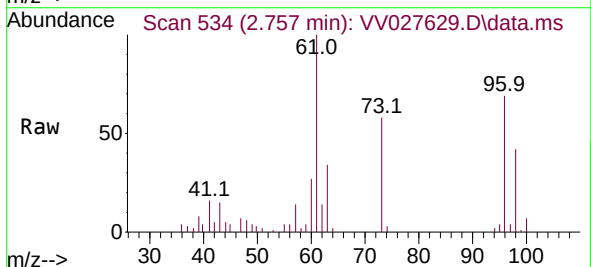


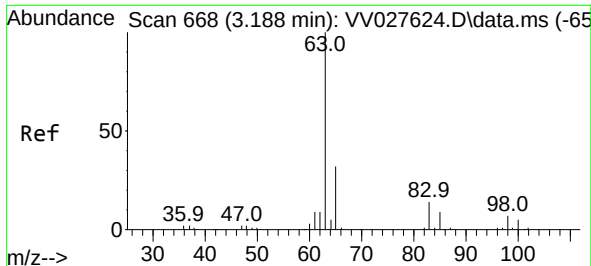
Tgt Ion: 73 Resp: 22522
Ion Ratio Lower Upper
73 100
43 26.3 16.5 24.7#
57 22.3 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 1.047 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 96 Resp: 12858
Ion Ratio Lower Upper
96 100
61 144.3 101.8 189.0
98 61.1 44.9 83.3





#19

1,1-Dichloroethane

Concen: 1.100 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

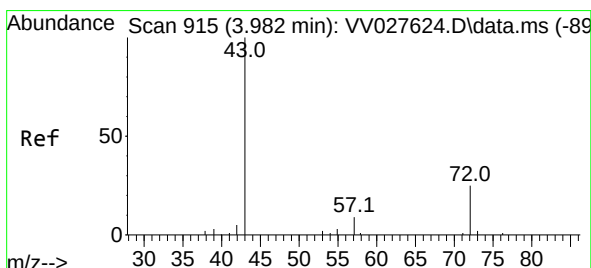
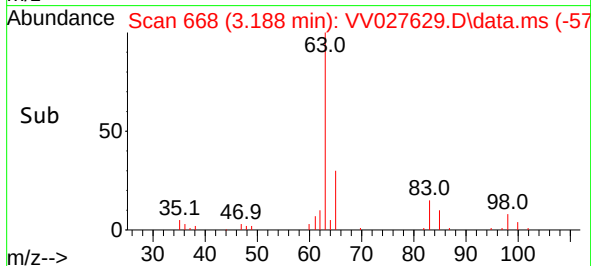
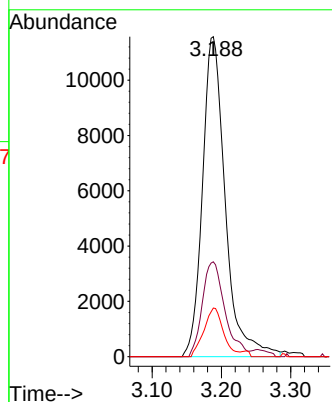
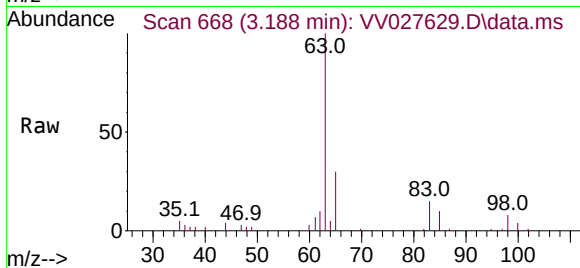
Tgt Ion: 63 Resp: 26447

Ion Ratio Lower Upper

63 100

65 29.6 22.7 42.1

83 15.2 9.7 18.1



#21

2-Butanone

Concen: 0.258 ug/L

RT: 4.150 min Scan# 967

Delta R.T. 0.167 min

Lab File: VV027629.D

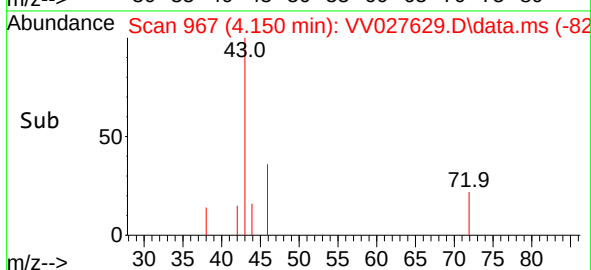
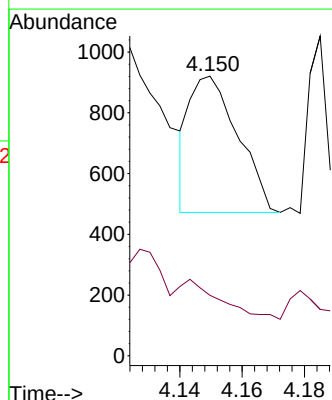
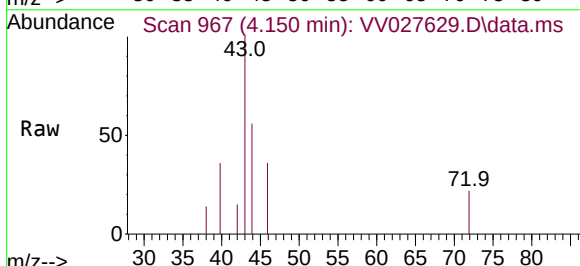
Acq: 31 Aug 2022 19:58

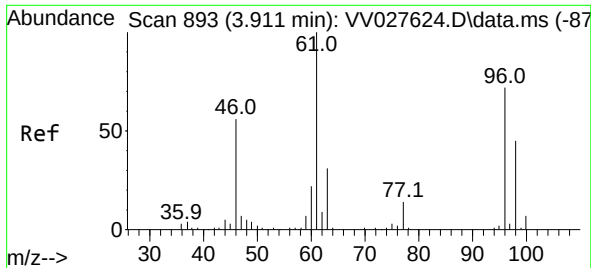
Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

72 22.1 8.3 24.9





#22

cis-1,2-Dichloroethene

Concen: 0.980 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

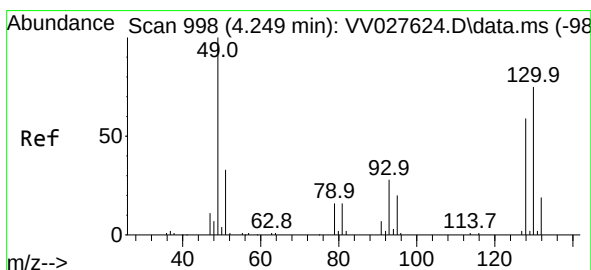
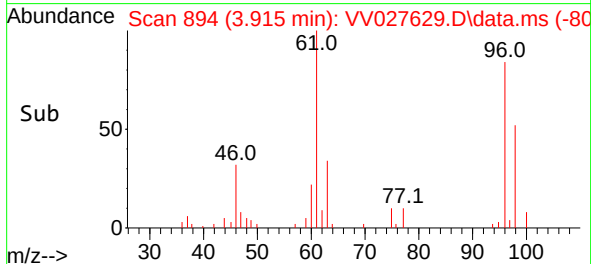
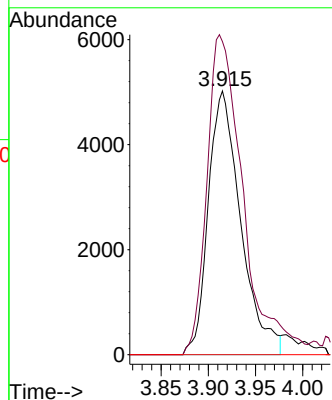
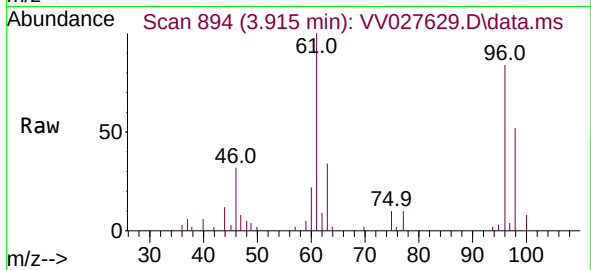
Tgt Ion: 96 Resp: 12012

Ion Ratio Lower Upper

96 100

61 118.7 96.9 180.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 1.111 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Tgt Ion: 128 Resp: 6034

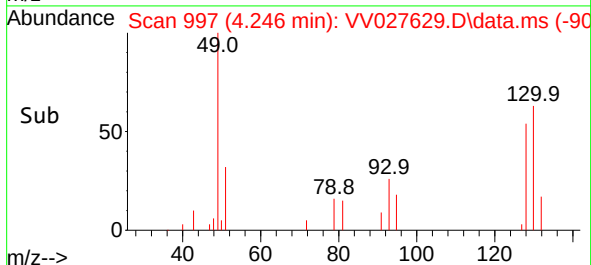
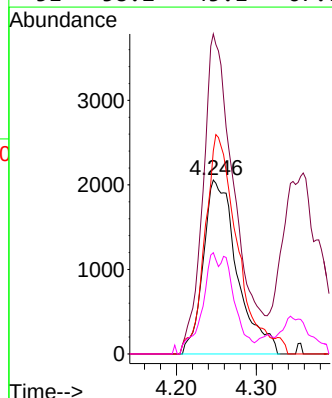
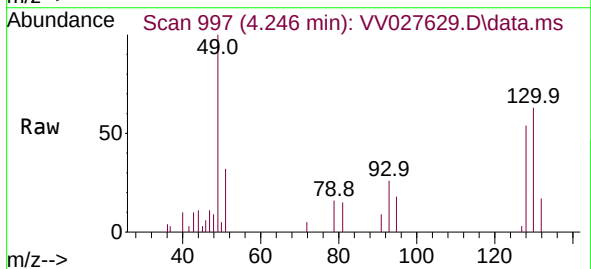
Ion Ratio Lower Upper

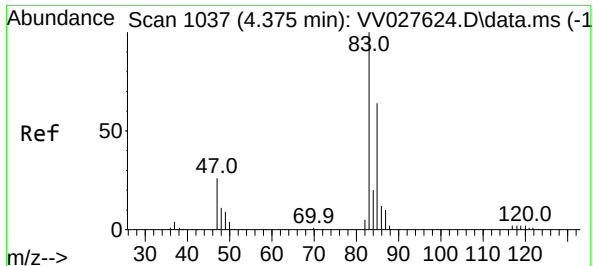
128 100

49 184.1 120.1 223.1

130 116.9 89.0 165.4

51 58.2 45.1 67.7





#25

Chloroform

Concen: 1.057 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

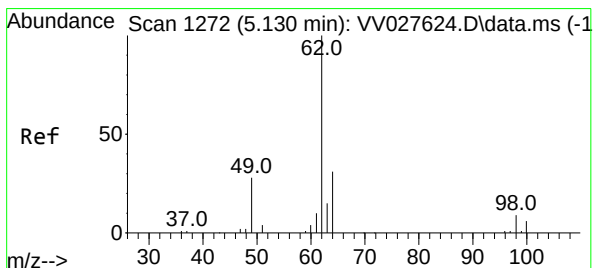
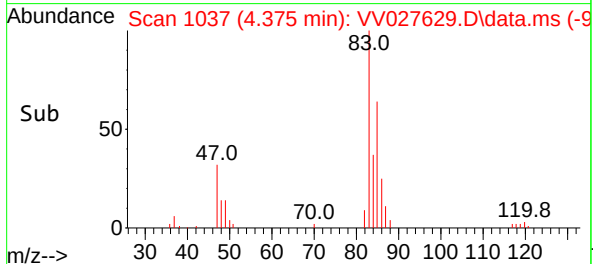
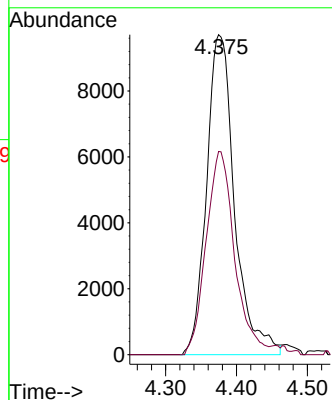
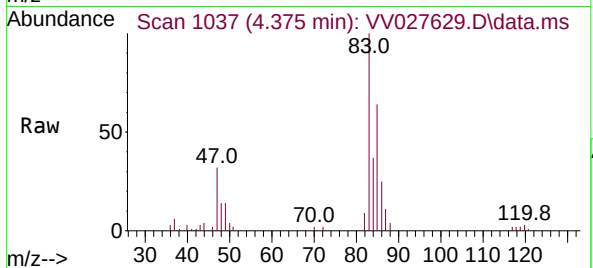
ClientSampleId :

Tgt Ion: 83 Resp: 26675

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.072 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.007 min

Lab File: VV027629.D

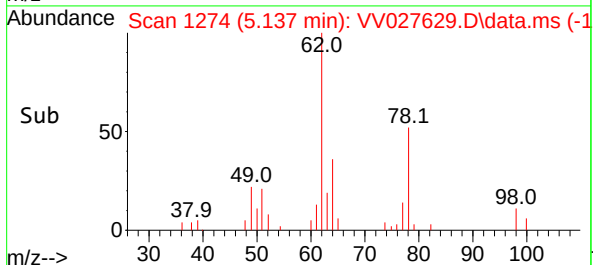
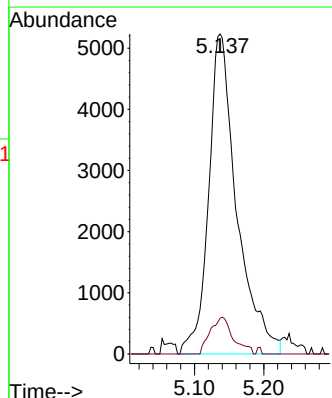
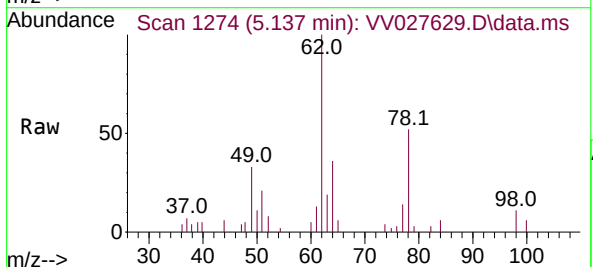
Acq: 31 Aug 2022 19:58

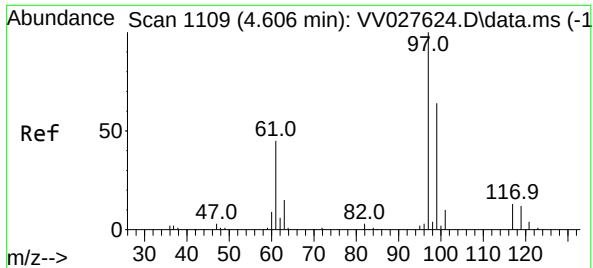
Tgt Ion: 62 Resp: 14775

Ion Ratio Lower Upper

62 100

98 11.1 7.0 10.6#

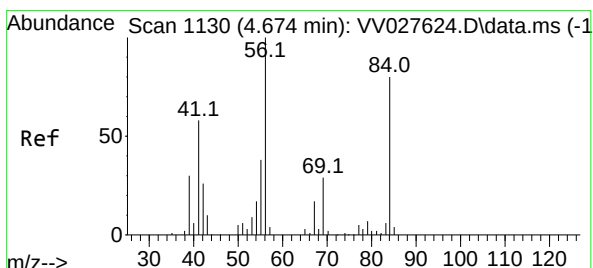
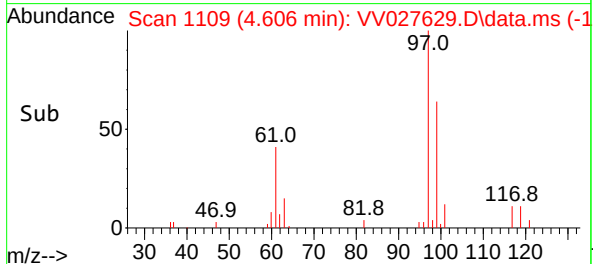
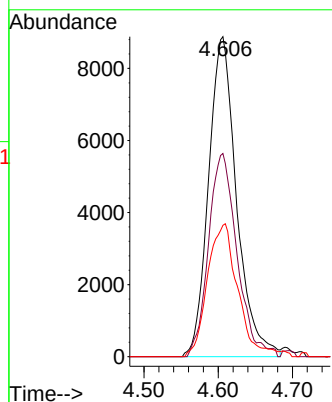
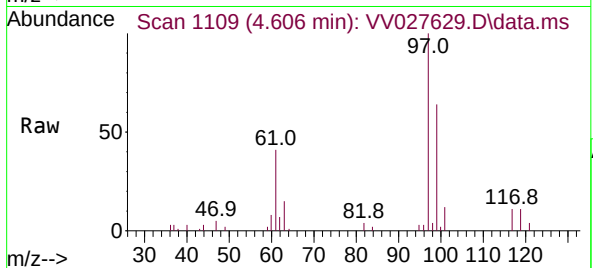




#29
1,1,1-Trichloroethane
Concen: 1.066 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

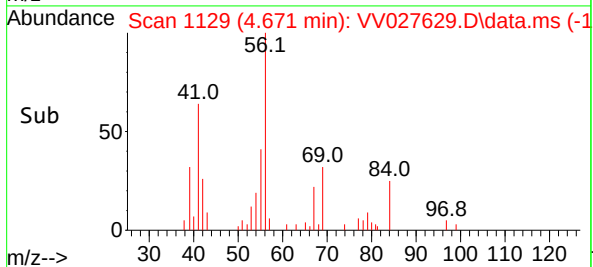
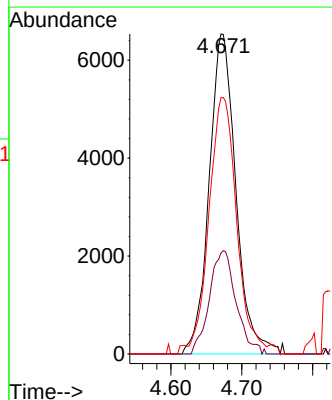
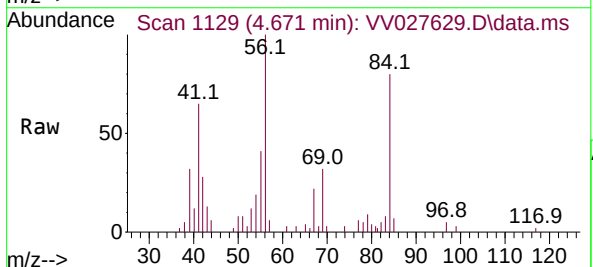
Instrument :
MSVOA_V
ClientSampleId :

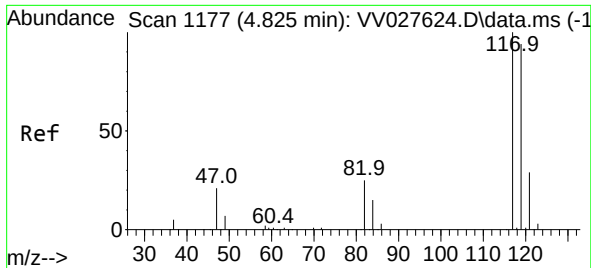
Tgt Ion: 97	Resp: 23301
Ion Ratio	Lower Upper
97 100	
99 64.6	50.6 75.8
61 44.9	36.1 54.1



#30
Cyclohexane
Concen: 0.929 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 56	Resp: 17139
Ion Ratio	Lower Upper
56 100	
69 32.2	24.1 36.1
84 79.0	66.9 100.3

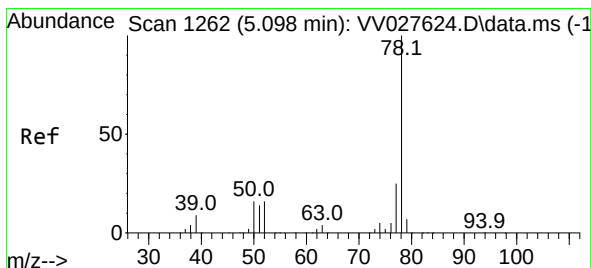
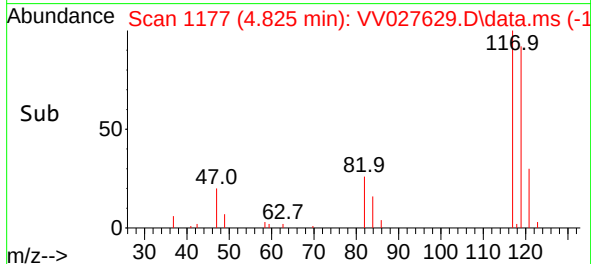
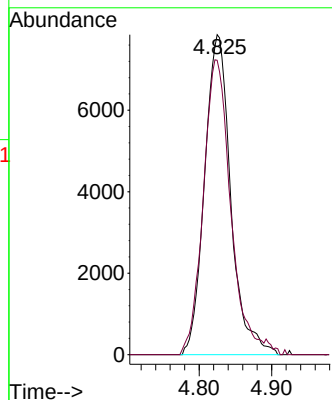
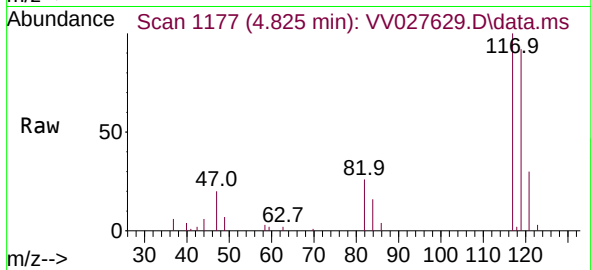




#31
Carbon tetrachloride
Concen: 1.053 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

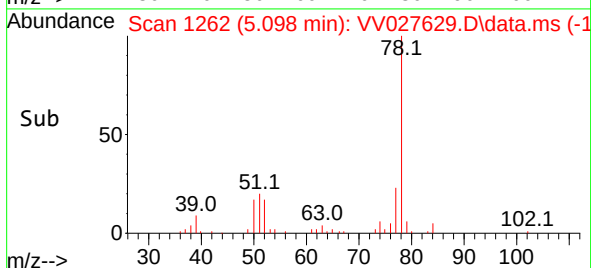
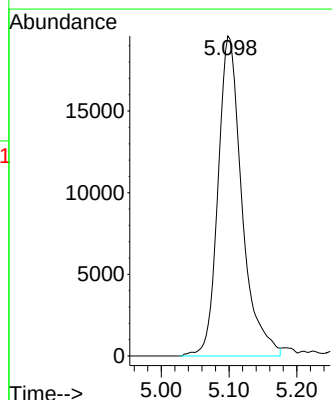
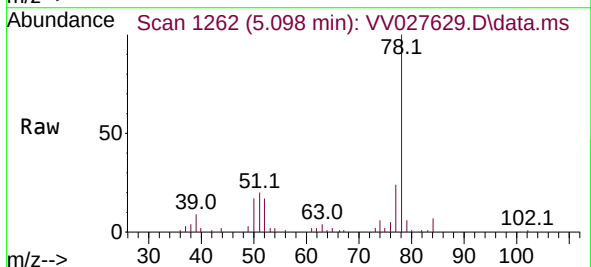
Instrument :
MSVOA_V
ClientSampleId :

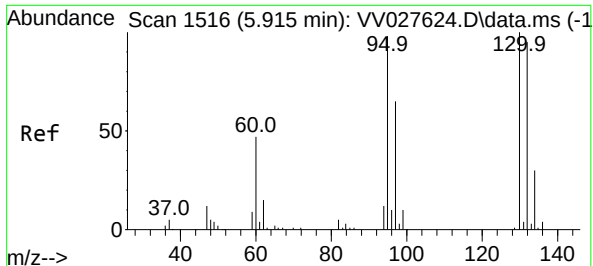
Tgt Ion:117 Resp: 19707
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 0.973 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 78 Resp: 48002

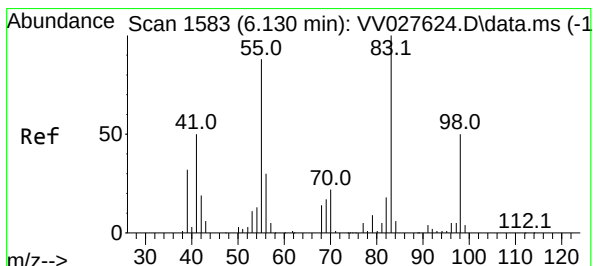
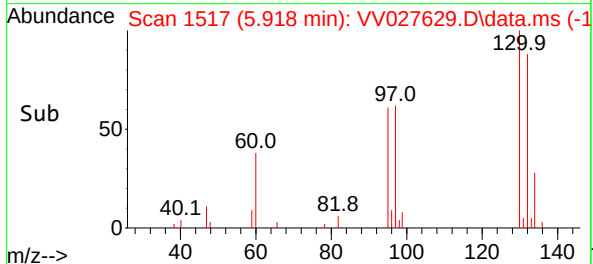
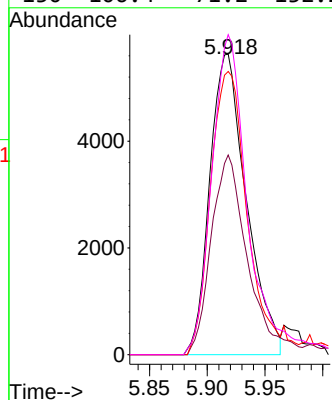
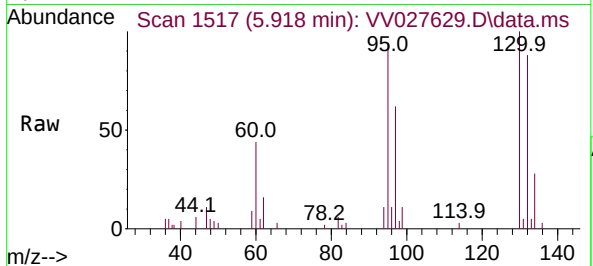




#34
Trichloroethene
Concen: 1.024 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

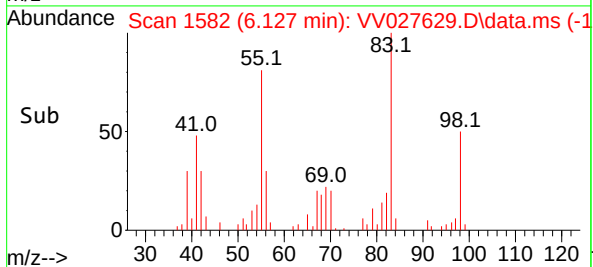
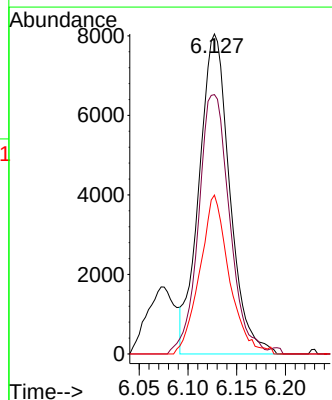
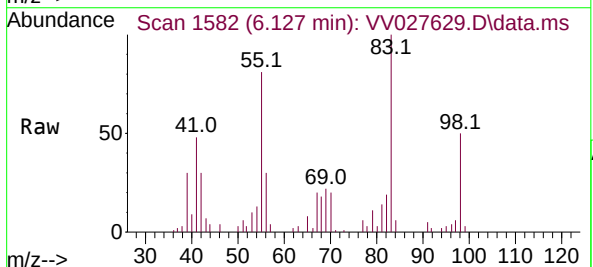
Instrument :
MSVOA_V
ClientSampleId :

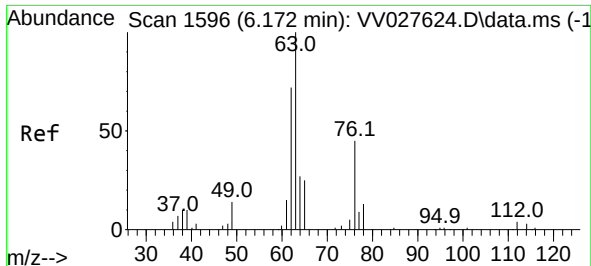
Tgt Ion: 95 Resp: 12421
Ion Ratio Lower Upper
95 100
97 66.4 46.1 85.5
132 94.2 67.3 125.1
130 106.4 71.2 132.2



#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 83 Resp: 17622
Ion Ratio Lower Upper
83 100
55 81.9 66.0 99.0
98 47.7 36.9 55.3





#37

1,2-Dichloropropane

Concen: 0.996 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

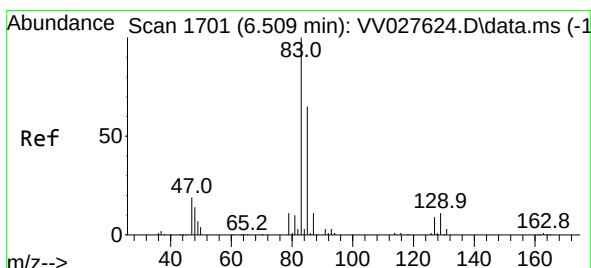
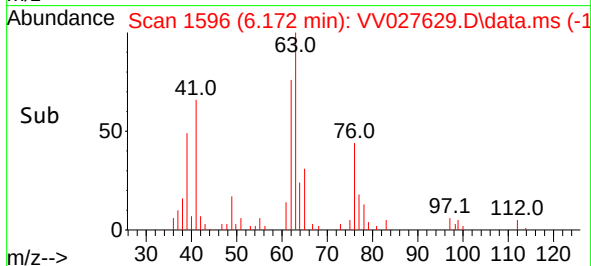
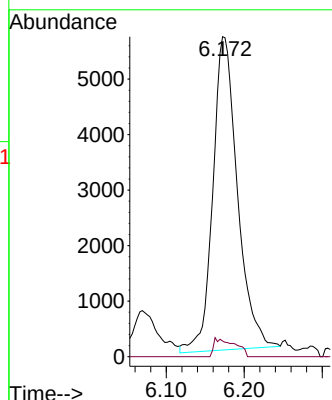
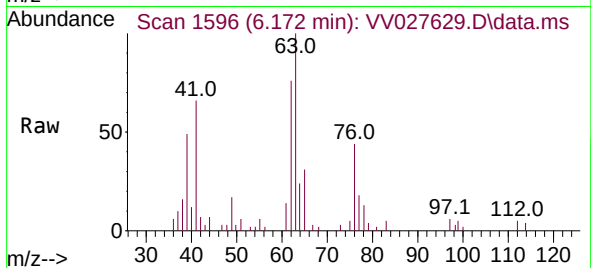
ClientSampleId :

Tgt Ion: 63 Resp: 12409

Ion Ratio Lower Upper

63 100

112 5.0 2.9 4.3#



#38

Bromodichloromethane

Concen: 1.061 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

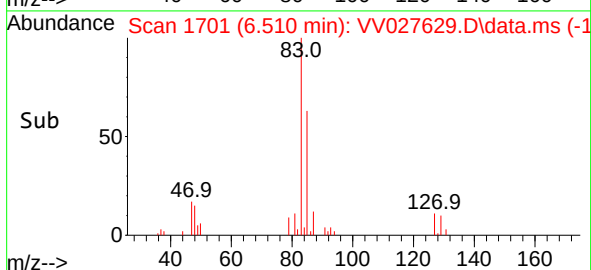
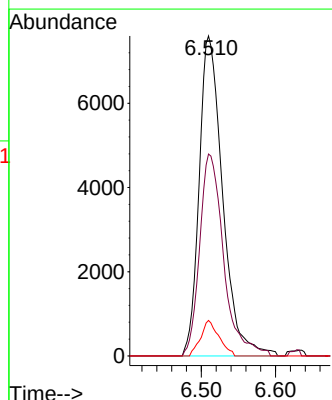
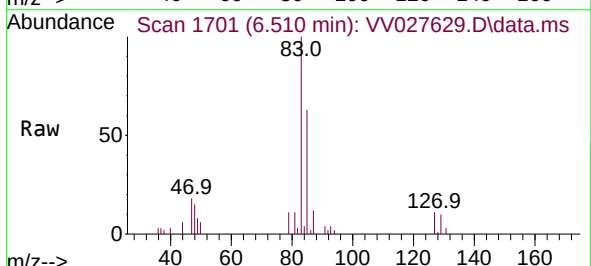
Tgt Ion: 83 Resp: 16706

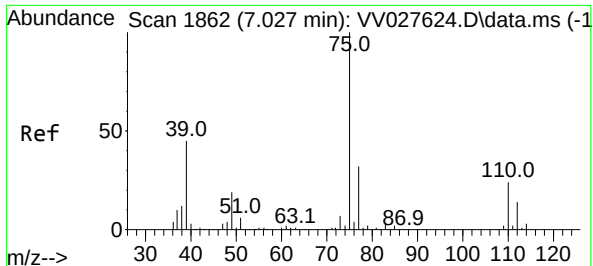
Ion Ratio Lower Upper

83 100

85 63.1 45.2 84.0

127 11.1 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 0.948 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

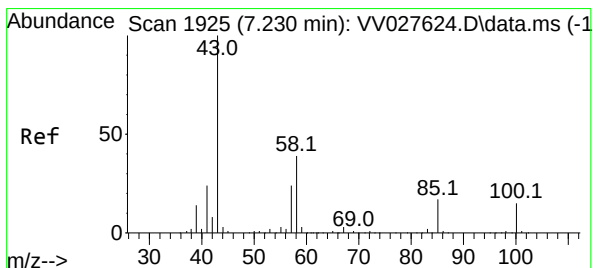
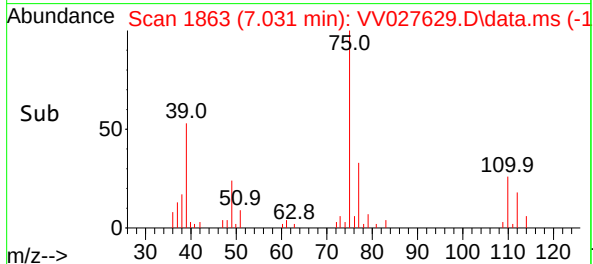
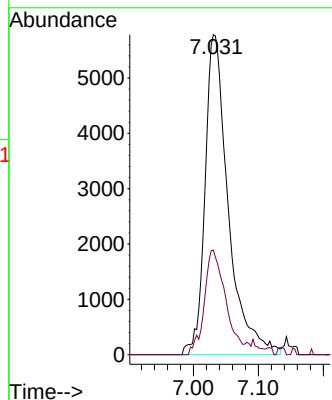
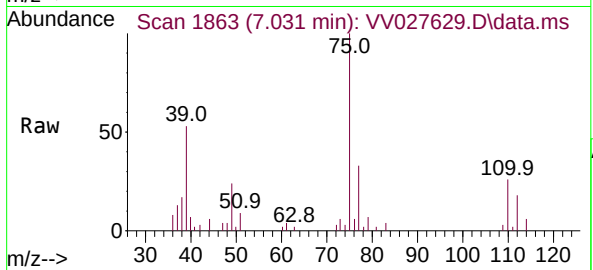
ClientSampleId :

Tgt Ion: 75 Resp: 14412

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 8.594 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

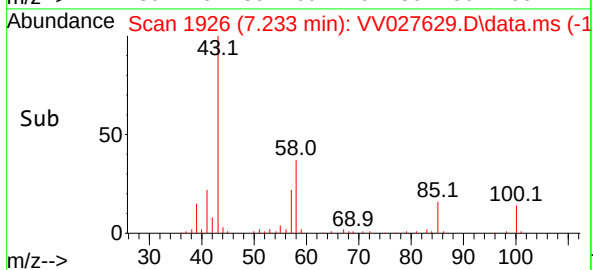
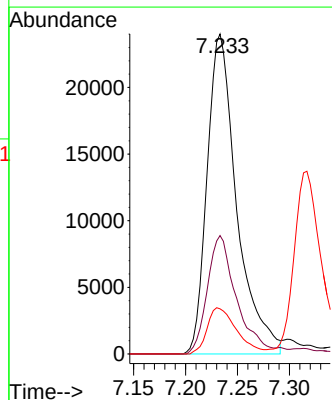
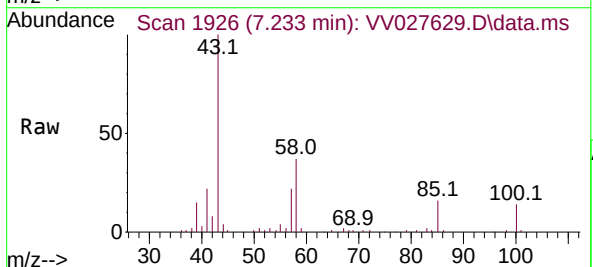
Tgt Ion: 43 Resp: 47572

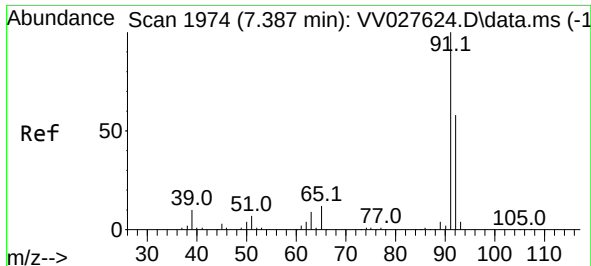
Ion Ratio Lower Upper

43 100

58 37.0 31.4 47.0

100 14.5 10.5 15.7





#42

Toluene

Concen: 0.928 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

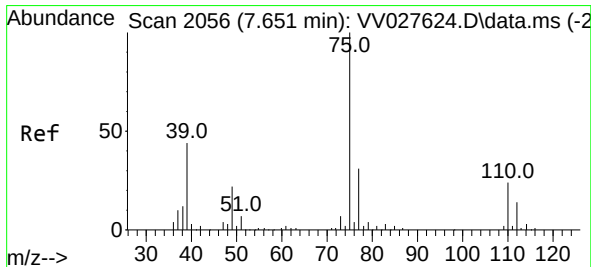
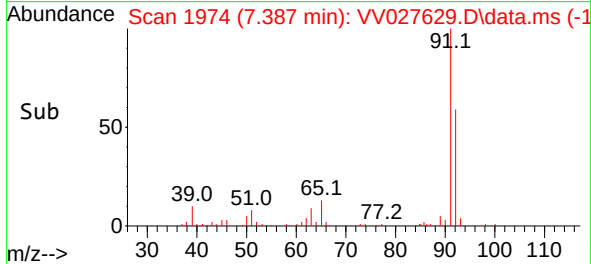
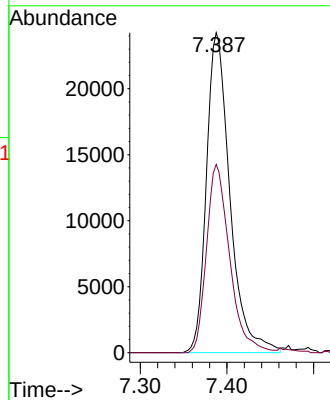
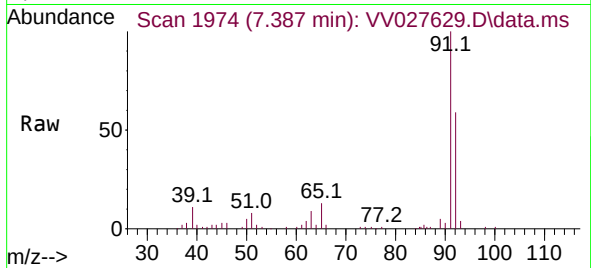
ClientSampleId :

Tgt Ion: 91 Resp: 45692

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VV027629.D

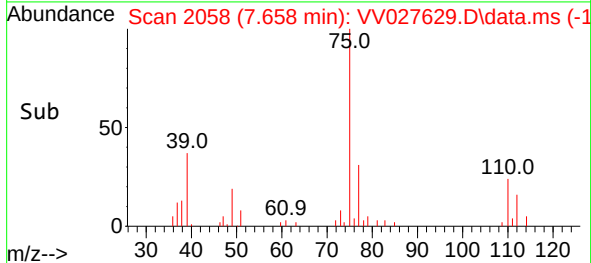
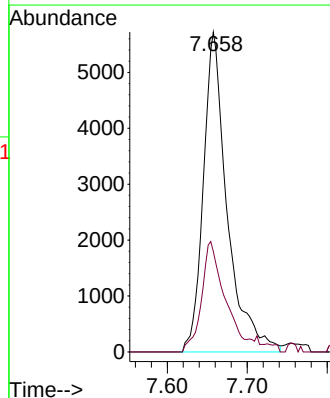
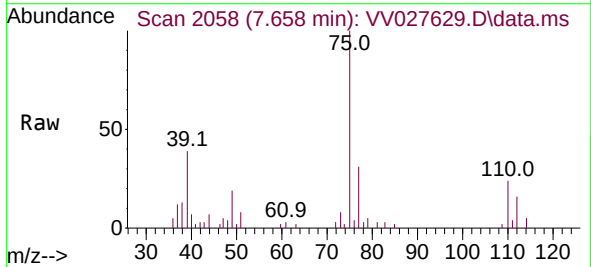
Acq: 31 Aug 2022 19:58

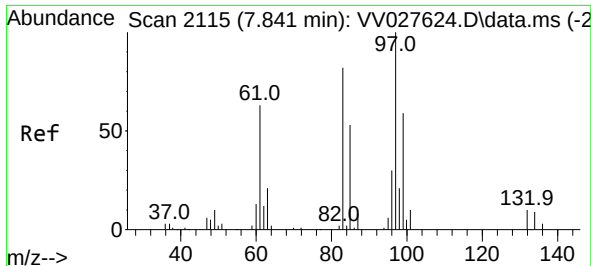
Tgt Ion: 75 Resp: 11872

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

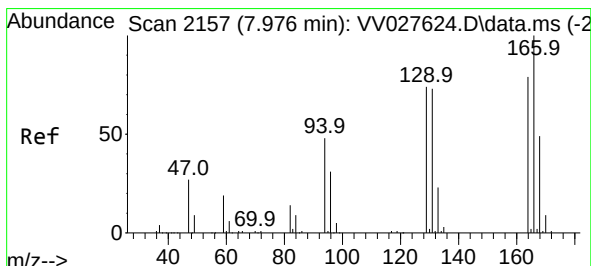
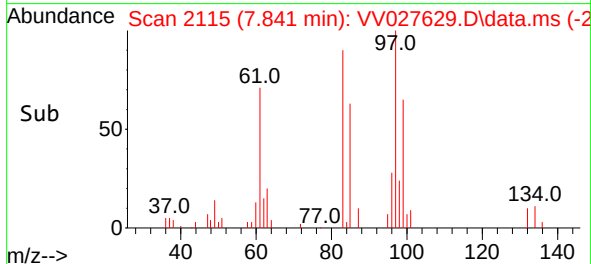
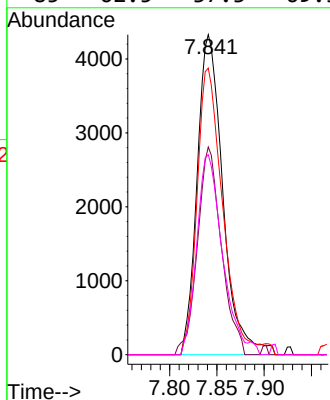
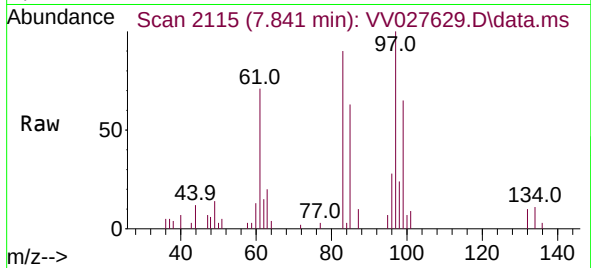




#45
1,1,2-Trichloroethane
Concen: 1.018 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

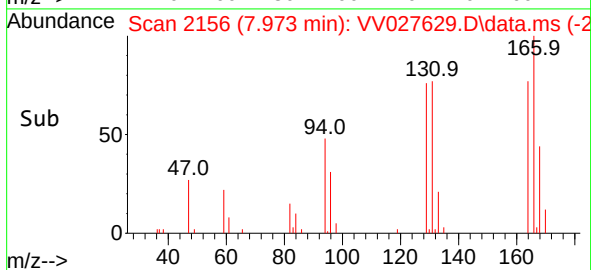
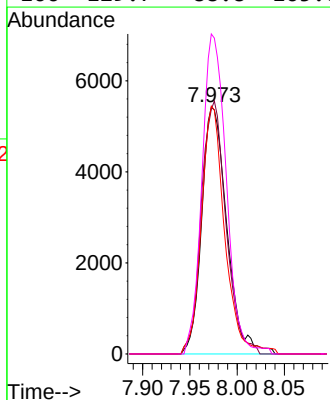
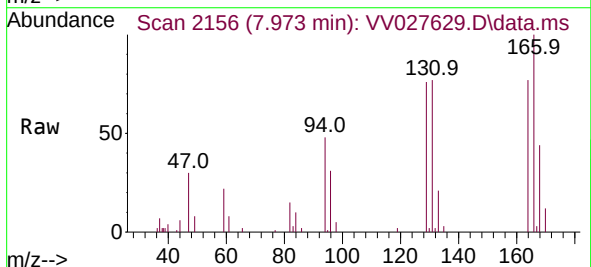
Instrument :
MSVOA_V
ClientSampleId :

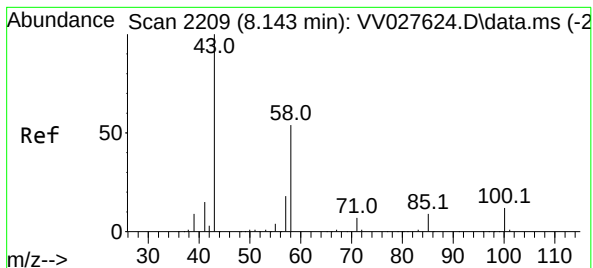
Tgt Ion:	97	Resp:	8176
Ion	Ratio	Lower	Upper
97	100		
99	64.9	41.3	76.7
83	89.6	57.5	106.9
85	62.5	37.3	69.3



#47
Tetrachloroethene
Concen: 1.022 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion:	164	Resp:	10044
Ion	Ratio	Lower	Upper
164	100		
129	99.1	65.9	122.3
131	100.4	64.5	119.7
166	129.7	88.8	165.0





#48

2-Hexanone

Concen: 8.103 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 33650

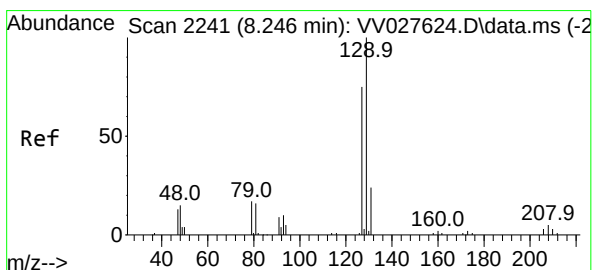
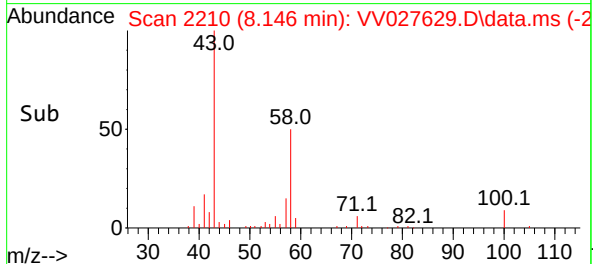
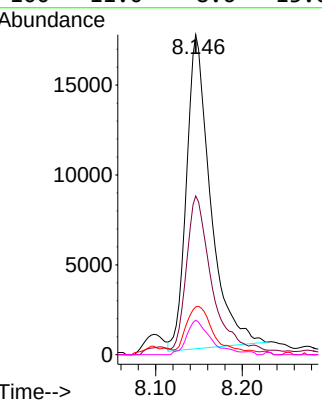
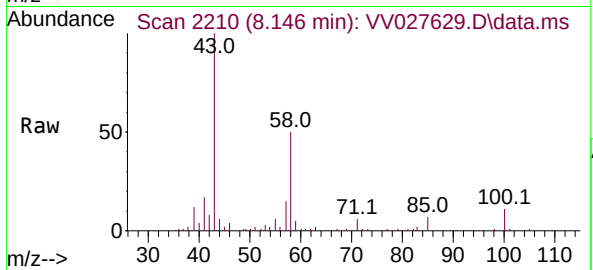
Ion Ratio Lower Upper

43 100

58 49.7 42.1 63.1

57 15.3 14.5 21.7

100 11.0 8.6 13.0



#49

Dibromochloromethane

Concen: 1.038 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV027629.D

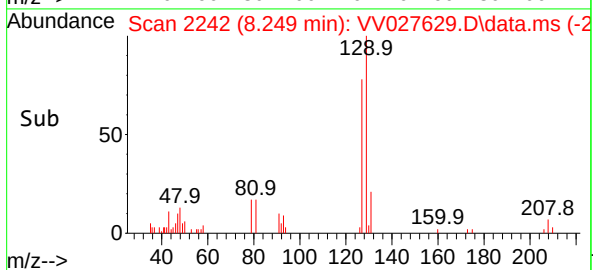
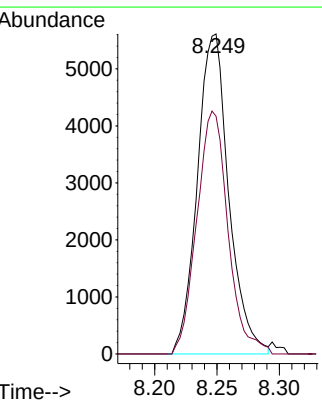
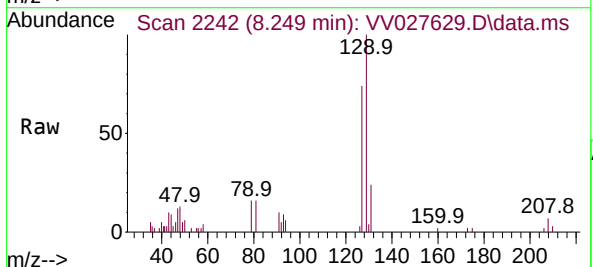
Acq: 31 Aug 2022 19:58

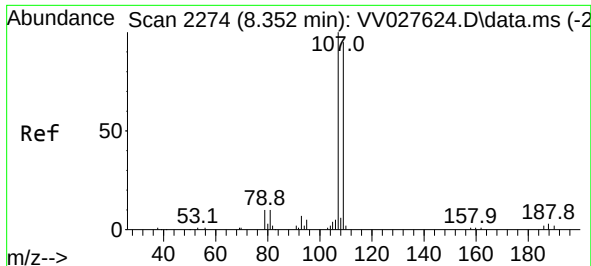
Tgt Ion:129 Resp: 9880

Ion Ratio Lower Upper

129 100

127 74.3 52.4 97.4





#50

1,2-Dibromoethane

Concen: 1.048 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027629.D

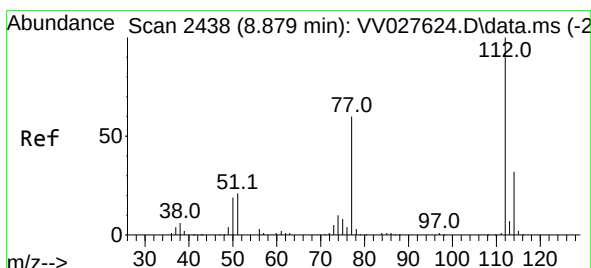
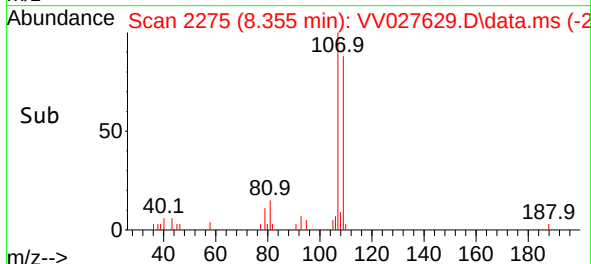
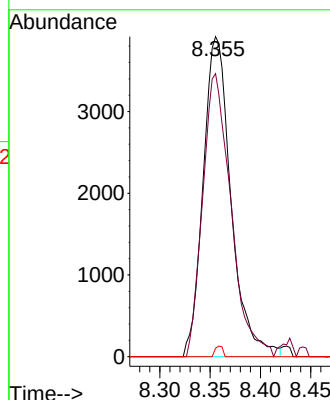
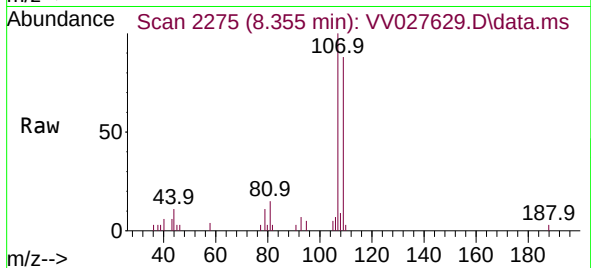
Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	7540
Ion	Ratio	Lower Upper
107	100	
109	88.4	66.2 123.0
188	2.7	2.6 3.8



#51

Chlorobenzene

Concen: 1.002 ug/L

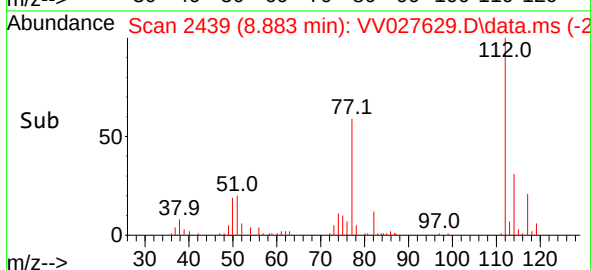
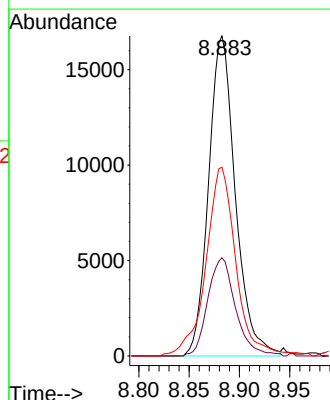
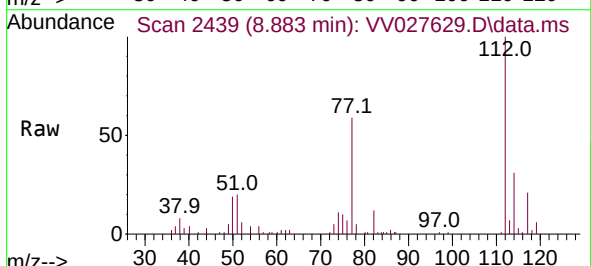
RT: 8.883 min Scan# 2439

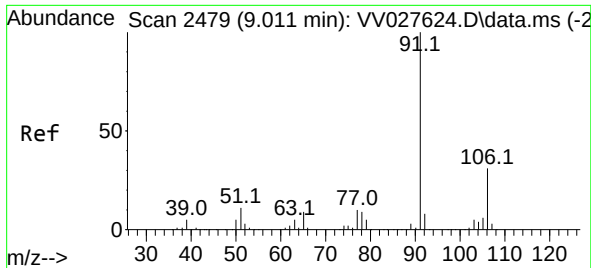
Delta R.T. 0.003 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Tgt Ion:112	Resp:	31100
Ion	Ratio	Lower Upper
112	100	
114	30.7	22.3 41.3
77	59.0	48.5 72.7





#52

Ethylbenzene

Concen: 0.898 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

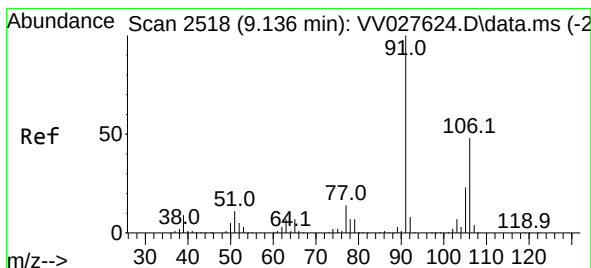
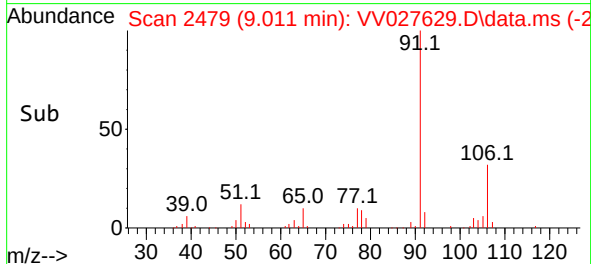
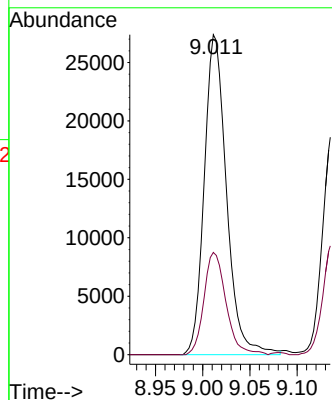
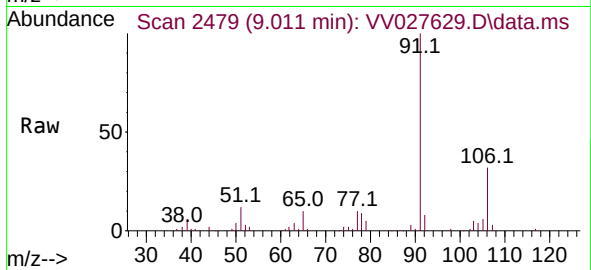
ClientSampleId :

Tgt Ion: 91 Resp: 44830

Ion Ratio Lower Upper

91 100

106 31.9 21.9 40.7



#53

m,p-Xylene

Concen: 0.889 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027629.D

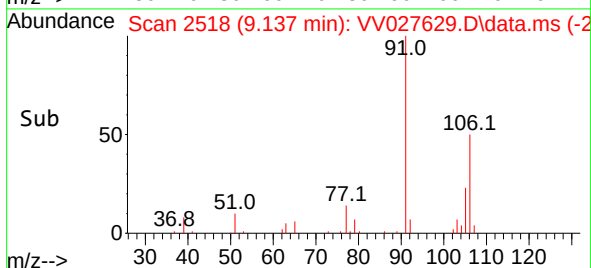
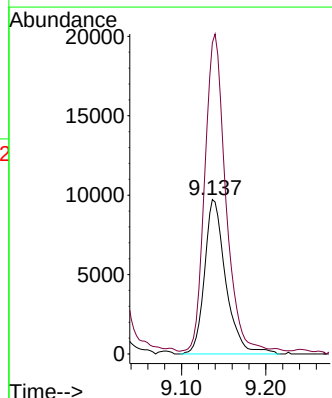
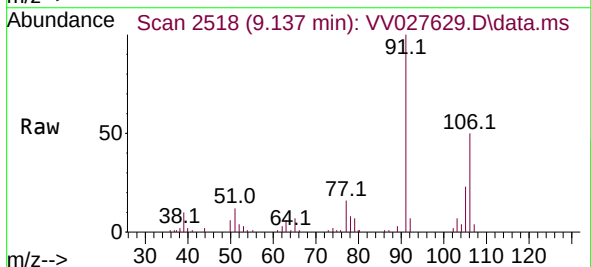
Acq: 31 Aug 2022 19:58

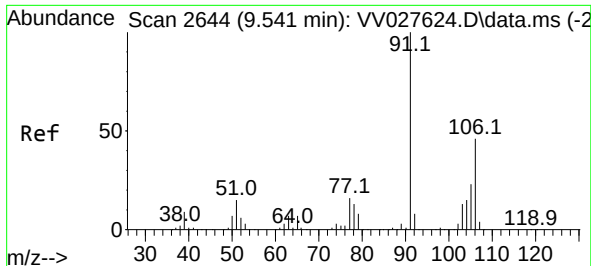
Tgt Ion: 106 Resp: 17045

Ion Ratio Lower Upper

106 100

91 201.6 147.3 273.5

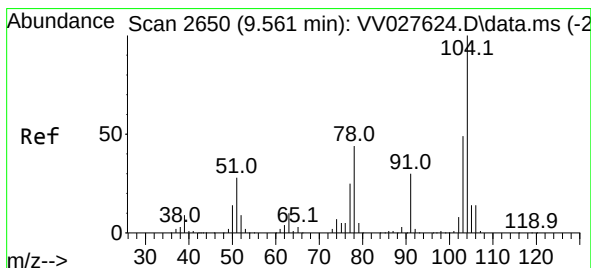
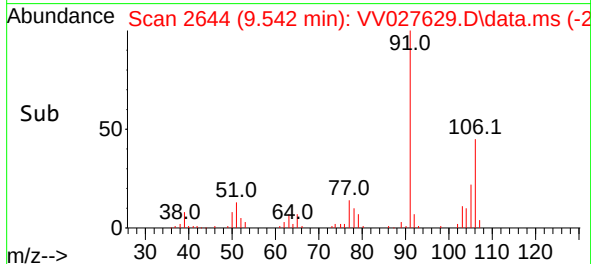
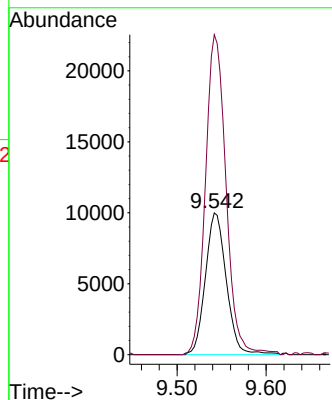
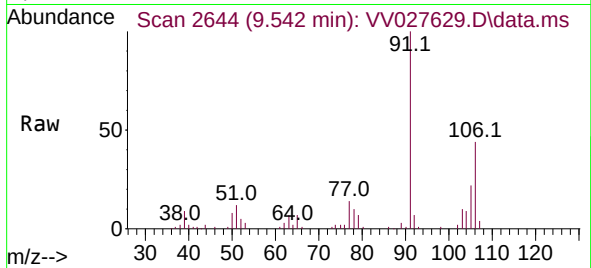




#54
o-Xylene
Concen: 0.891 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

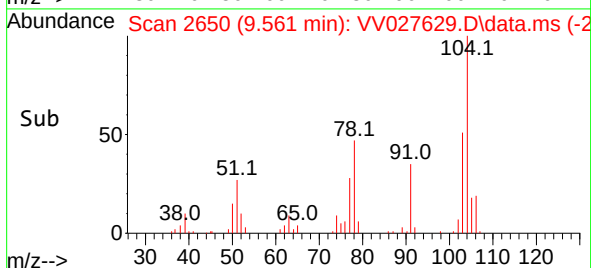
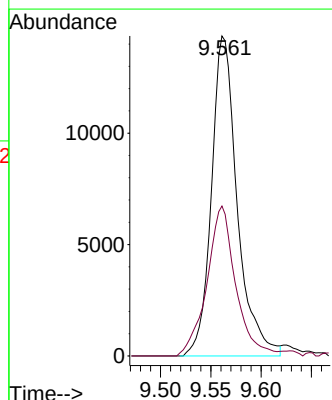
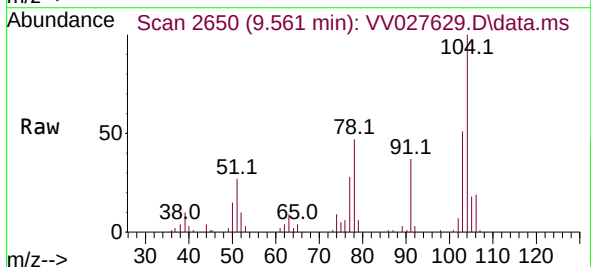
Instrument :
MSVOA_V
ClientSampleId :

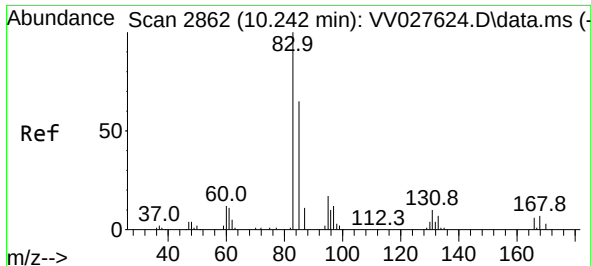
Tgt Ion:106 Resp: 16309
Ion Ratio Lower Upper
106 100
91 225.6 152.9 284.1



#55
Styrene
Concen: 0.820 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion:104 Resp: 25648
Ion Ratio Lower Upper
104 100
78 46.9 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.031 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV027629.D

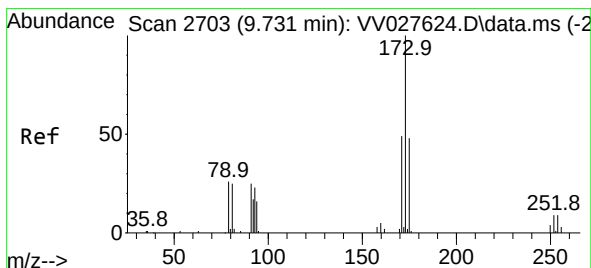
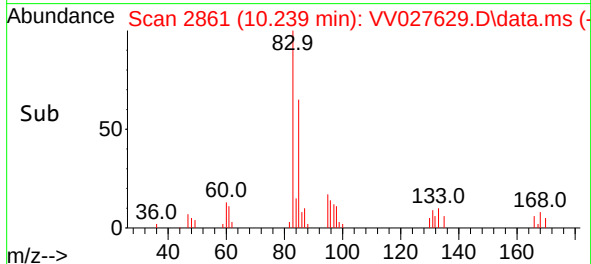
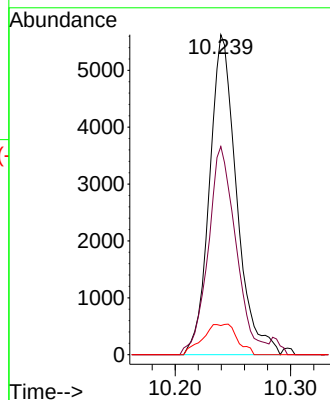
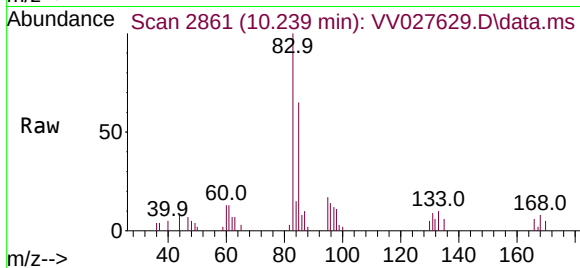
Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	9155
Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.6	84.8
131	9.1	8.0	12.0



#59

Bromoform

Concen: 1.141 ug/L

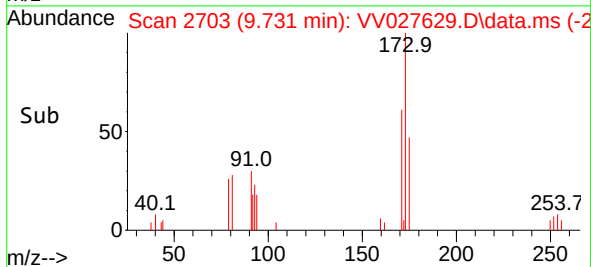
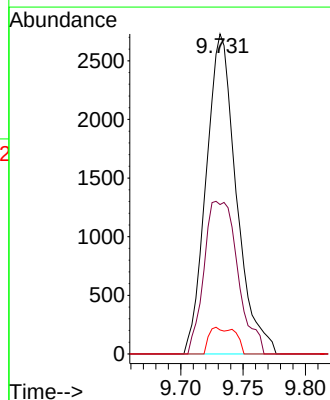
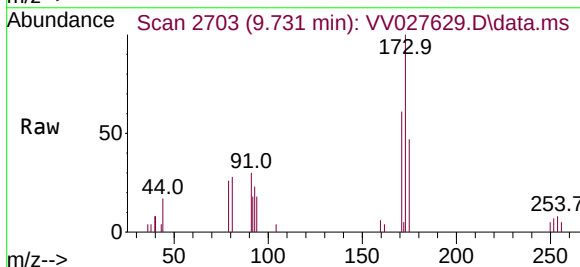
RT: 9.731 min Scan# 2703

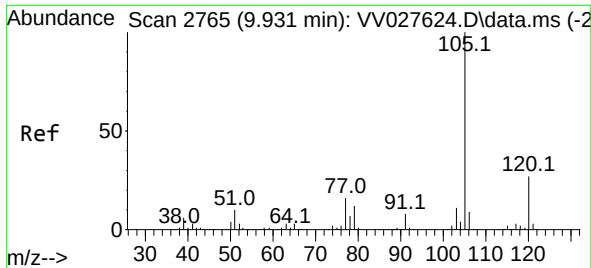
Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Tgt Ion:	173	Resp:	4590
Ion	Ratio	Lower	Upper
173	100		
175	53.4	39.0	58.4
254	4.2	7.0	10.4

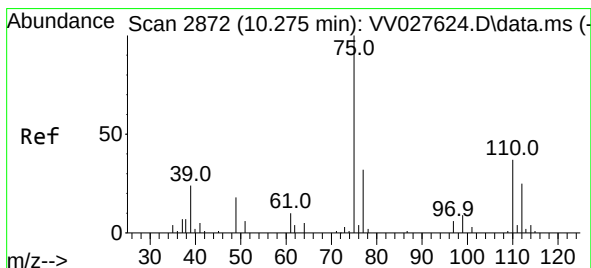
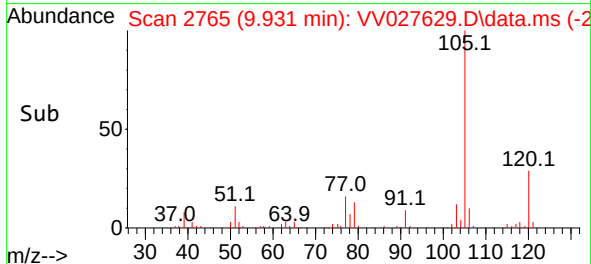
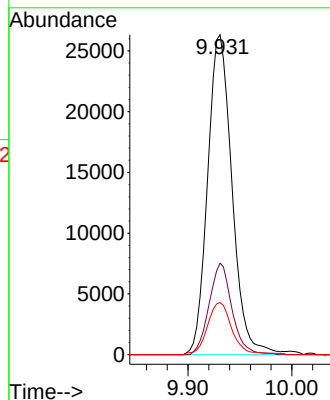
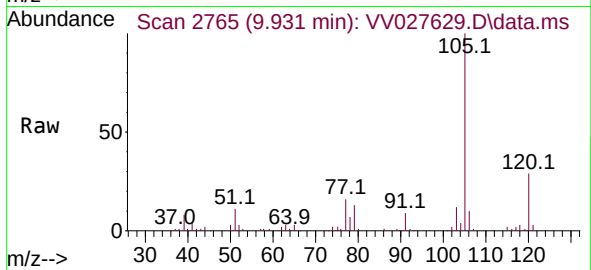




#60
Isopropylbenzene
Concen: 1.002 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

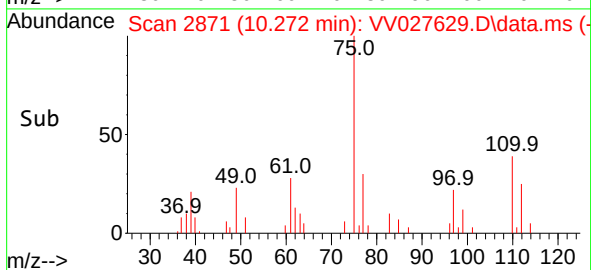
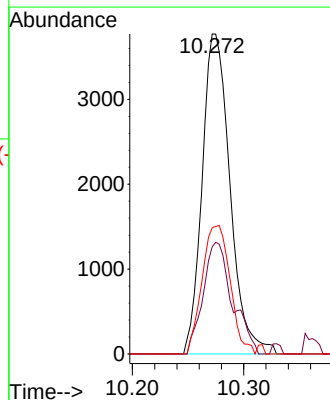
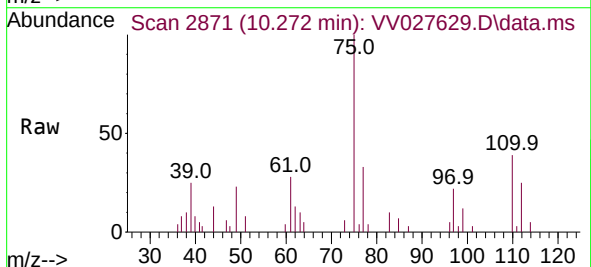
Instrument :
MSVOA_V
ClientSampleId :

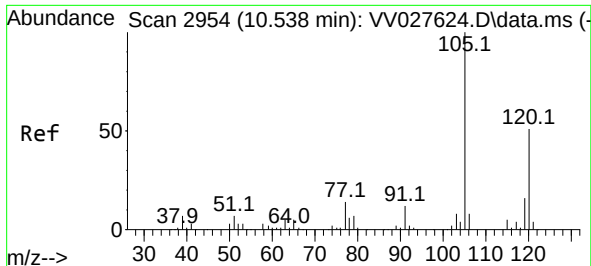
Tgt Ion:105 Resp: 42946
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.4
77 16.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 75 Resp: 6574
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.6
110 40.3 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 1.075 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

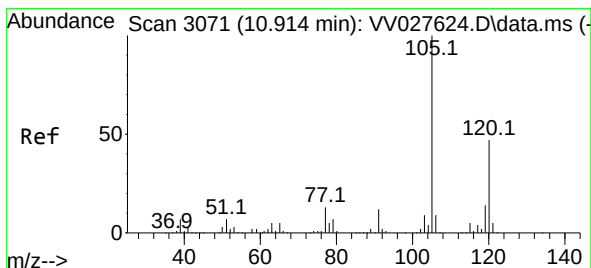
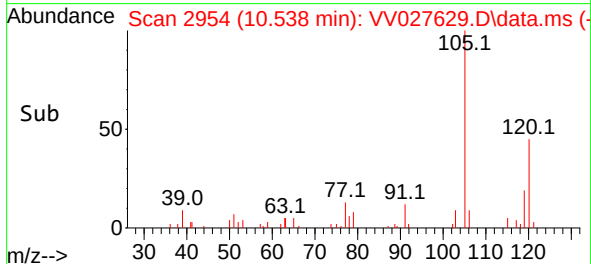
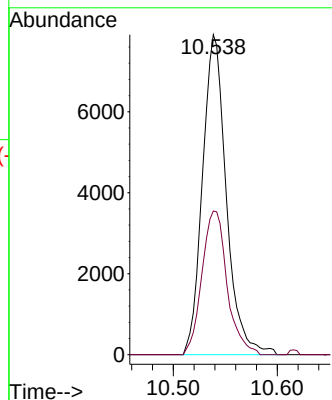
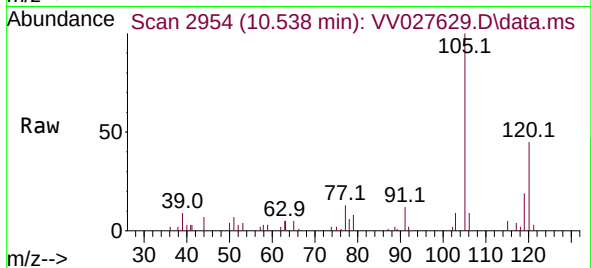
ClientSampleId :

Tgt Ion:105 Resp: 12562

Ion Ratio Lower Upper

105 100

120 47.4 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 0.953 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027629.D

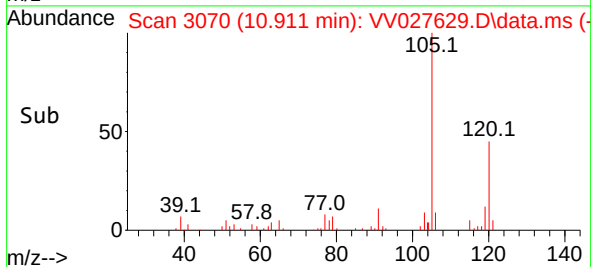
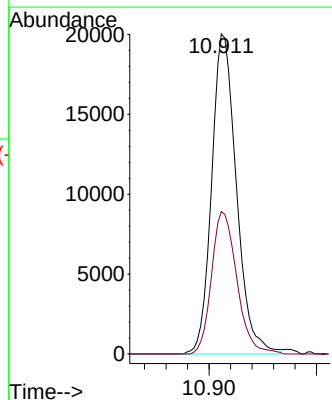
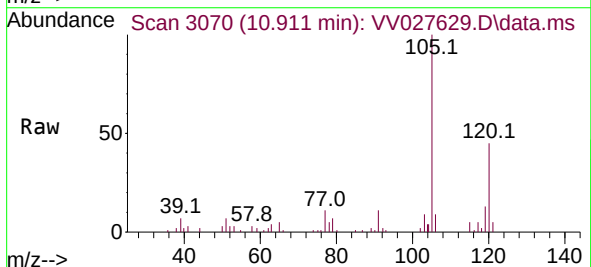
Acq: 31 Aug 2022 19:58

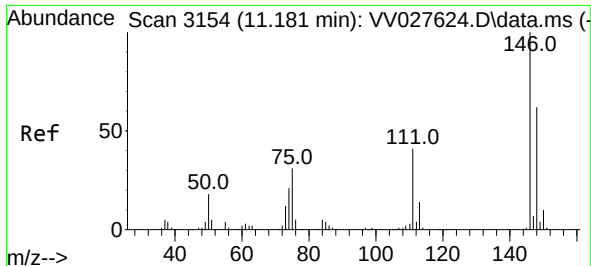
Tgt Ion:105 Resp: 32045

Ion Ratio Lower Upper

105 100

120 45.4 36.1 54.1

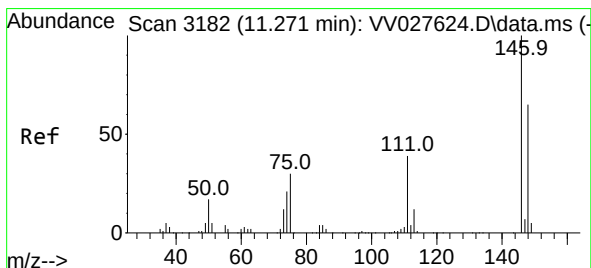
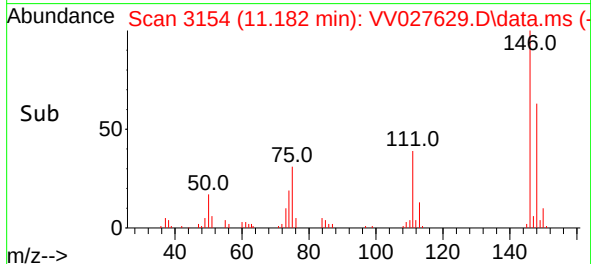
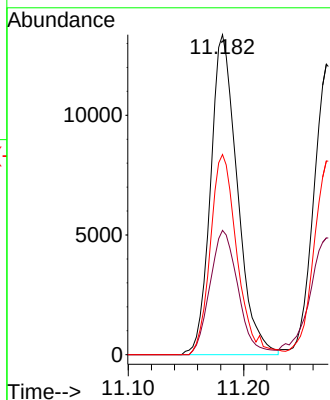
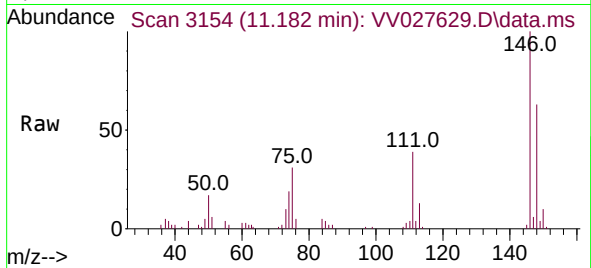




#64
1,3-Dichlorobenzene
Concen: 1.040 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

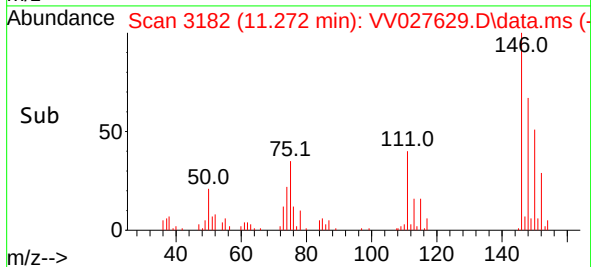
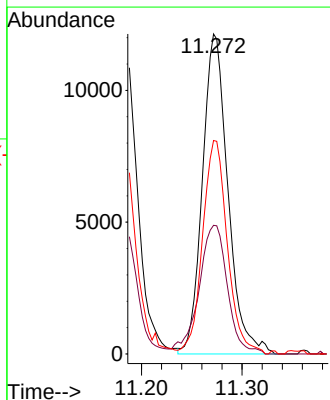
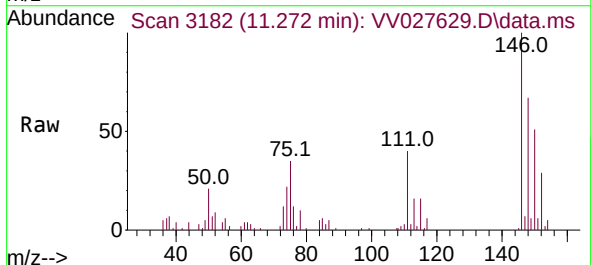
Instrument :
MSVOA_V
ClientSampleId :

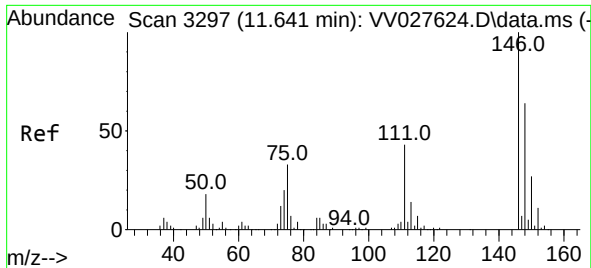
Tgt Ion:146 Resp: 21500
Ion Ratio Lower Upper
146 100
111 38.9 29.0 53.8
148 62.5 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 1.042 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion:146 Resp: 21422
Ion Ratio Lower Upper
146 100
111 40.2 27.5 51.1
148 66.7 45.4 84.4

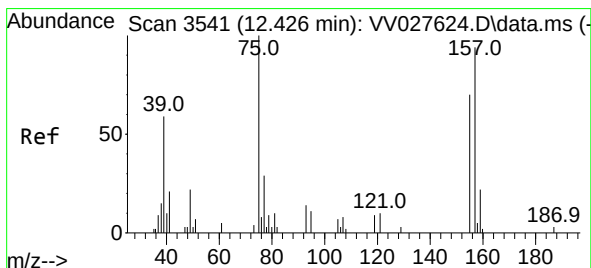
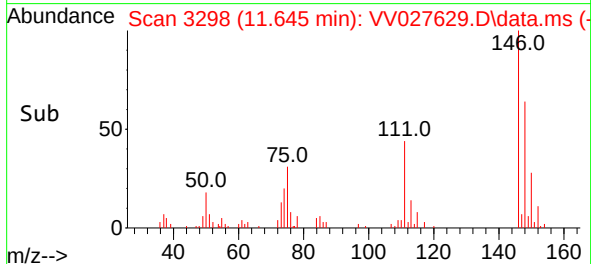
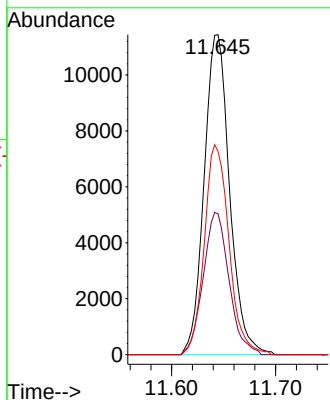
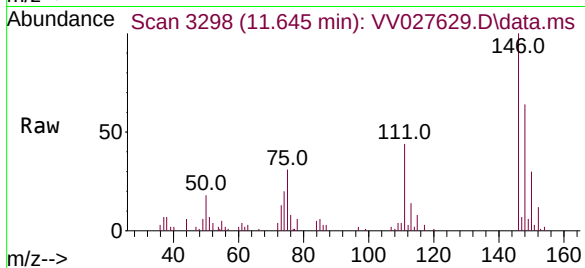




#67
1,2-Dichlorobenzene
Concen: 1.052 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

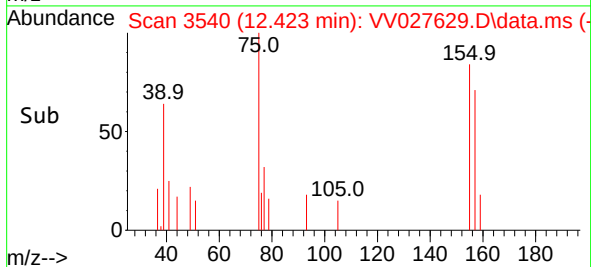
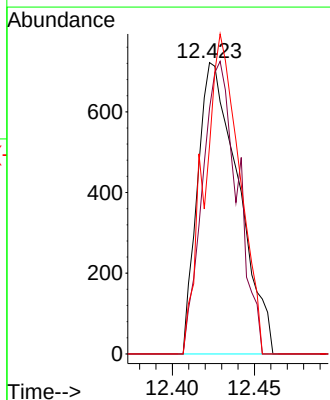
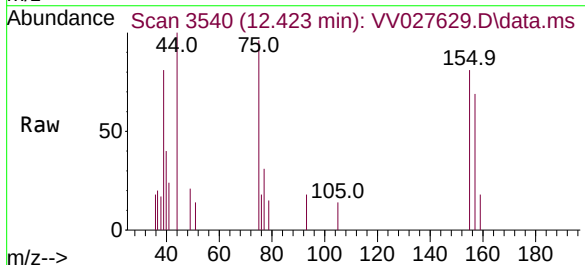
Instrument :
MSVOA_V
ClientSampleId :

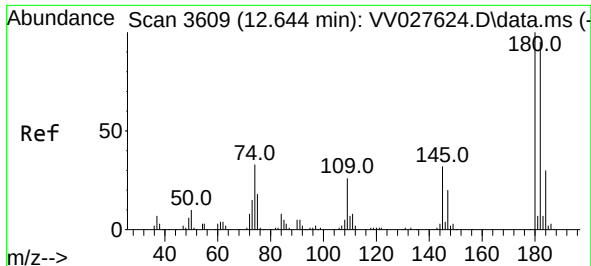
Tgt Ion:146 Resp: 19505
Ion Ratio Lower Upper
146 100
111 44.0 34.2 51.2
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 1.094 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion: 75 Resp: 1248
Ion Ratio Lower Upper
75 100
155 84.3 56.4 84.6
157 71.5 74.9 112.3#





#69

1,3,5-Trichlorobenzene

Concen: 1.074 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

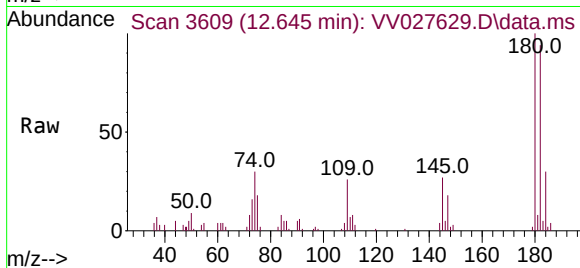
Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 16005

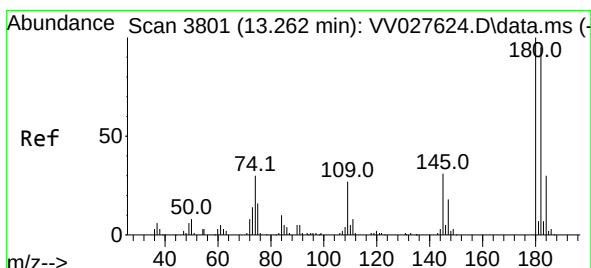
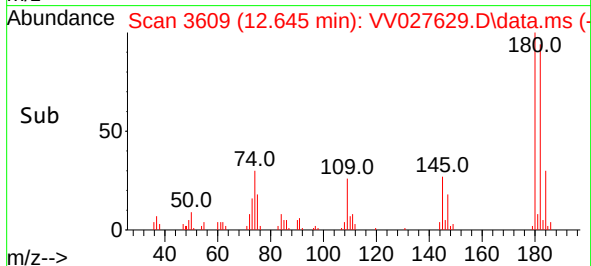
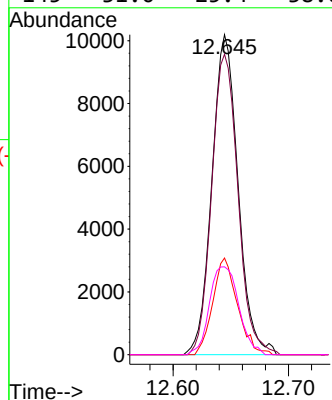
Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

184 28.6 23.5 35.3

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 1.022 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV027629.D

Acq: 31 Aug 2022 19:58

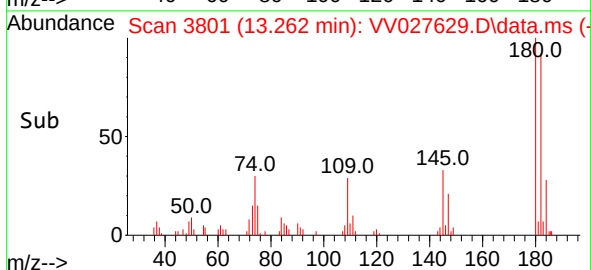
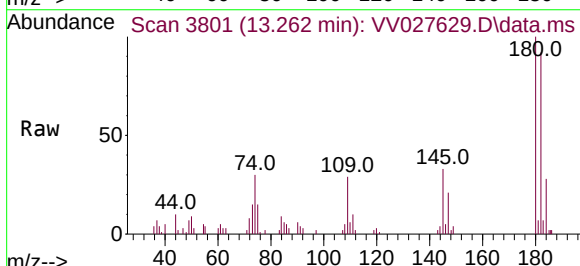
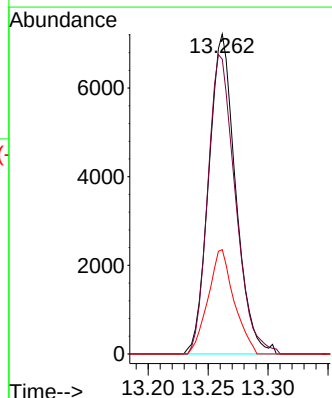
Tgt Ion:180 Resp: 11225

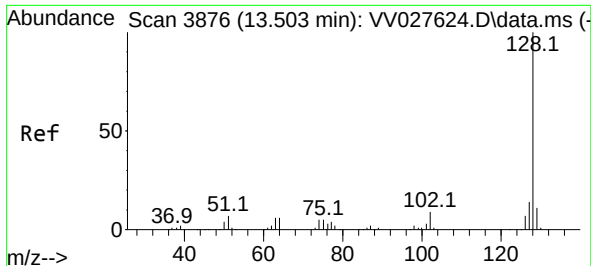
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

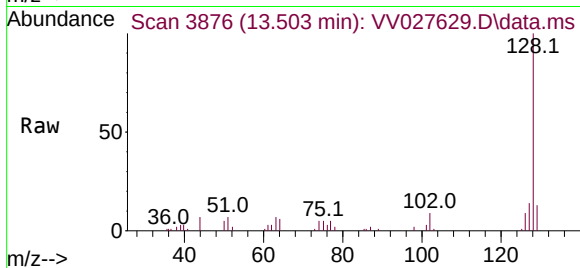
145 31.5 24.6 37.0



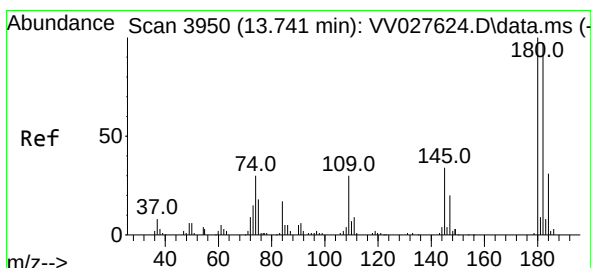
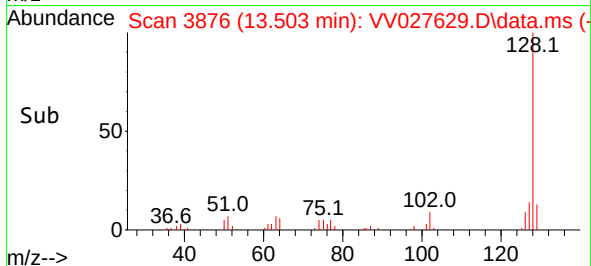
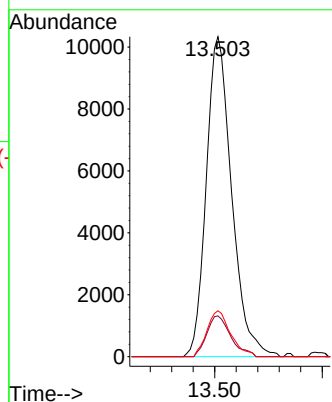


#71
Naphthalene
Concen: 0.986 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	16957
Ion Ratio	Lower	Upper	
128	100		
129	12.0	8.9	13.3
127	13.3	10.9	16.3



#72
1,2,3-Trichlorobenzene
Concen: 0.976 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027629.D
Acq: 31 Aug 2022 19:58

Tgt Ion:	180	Resp:	9658
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.1	115.7
145	33.7	27.4	41.0

