

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027748.D
 Acq On : 06 Sep 2022 17:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

Quant Time: Sep 07 06:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:56:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	179587	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.857	117	142670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	56146	4.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.558	69	47764	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.098	63	124033	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.940	46	139075	53.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	4.346	84	112310	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.024	65	62293	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.030	84	209433	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.050	67	73677	6.080	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.600%
41) Toluene-d8	7.323	98	187368	5.384	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.635	79	20172	4.962	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.117	63	77331	51.173	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40704	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	62581	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	84660	4.802	ug/L	100
3) Chloromethane	1.230	50	73861	4.601	ug/L	95
5) Vinyl chloride	1.301	62	80407	4.973	ug/L	99
6) Bromomethane	1.513	94	40733	4.677	ug/L	94
8) Chloroethane	1.577	64	47288	5.093	ug/L	100
9) Trichlorofluoromethane	1.741	101	130839	4.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	64131	5.022	ug/L	99
12) 1,1-Dichloroethene	2.108	96	59155	4.970	ug/L	98
13) Acetone	2.220	43	98942	50.616	ug/L	93
14) Carbon disulfide	2.281	76	172207	4.873	ug/L	99
15) Methyl Acetate	2.449	43	26228	5.059	ug/L	96
16) Methylene chloride	2.497	84	62811	4.098	ug/L	93
17) Methyl tert-butyl Ether	2.780	73	150520	5.328	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	64866	5.161	ug/L	97
19) 1,1-Dichloroethane	3.182	63	125283	5.311	ug/L	99
21) 2-Butanone	4.030	43	150387	54.502	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	68622	5.009	ug/L	99
23) Bromochloromethane	4.243	128	27930	4.855	ug/L	95
25) Chloroform	4.371	83	125751	4.805	ug/L	97

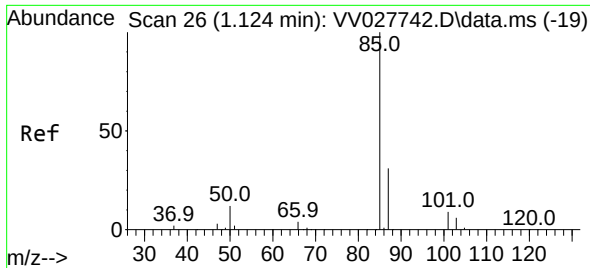
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027748.D
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005284

Quant Time: Sep 07 06:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	79179	4.990	ug/L	97
29) 1,1,1-Trichloroethane	4.593	97	115165	5.248	ug/L	97
30) Cyclohexane	4.651	56	93708	5.197	ug/L	97
31) Carbon tetrachloride	4.805	117	98685	5.293	ug/L	99
33) Benzene	5.079	78	241372	5.122	ug/L	100
34) Trichloroethene	5.879	95	67577	5.730	ug/L	97
35) Methylcyclohexane	6.088	83	126029	6.958	ug/L	92
37) 1,2-Dichloropropane	6.153	63	56320	5.037	ug/L	100
38) Bromodichloromethane	6.493	83	79806	5.383	ug/L	98
39) cis-1,3-Dichloropropene	7.040	75	72685	5.148	ug/L	98
40) 4-Methyl-2-pentanone	7.265	43	274365	54.137	ug/L	97
42) Toluene	7.394	91	250692	5.492	ug/L	100
44) trans-1,3-Dichloropropene	7.664	75	60642	5.118	ug/L	100
45) 1,1,2-Trichloroethane	7.850	97	39762	5.488	ug/L	97
47) Tetrachloroethene	7.979	164	49275	5.206	ug/L	95
48) 2-Hexanone	8.165	43	208040	56.464	ug/L	97
49) Dibromochloromethane	8.255	129	48029	5.222	ug/L	100
50) 1,2-Dibromoethane	8.361	107	35771	5.460	ug/L	96
51) Chlorobenzene	8.886	112	153116	5.170	ug/L	99
52) Ethylbenzene	9.014	91	239301	5.055	ug/L	97
53) m,p-Xylene	9.143	106	98622	5.297	ug/L	96
54) o-Xylene	9.545	106	91869	5.176	ug/L	95
55) Styrene	9.564	104	167672	5.463	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	43595	5.369	ug/L	99
59) Bromoform	9.734	173	23812	4.892	ug/L	96
60) Isopropylbenzene	9.934	105	246849	4.907	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32562	5.113	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	67183	4.742	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	191181	4.747	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	126221	4.955	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	126747	4.937	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	115456	4.991	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6270	4.587	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93626	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69542	4.557	ug/L	98
71) Naphthalene	13.500	128	99637	4.157	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	62469	4.595	ug/L	99

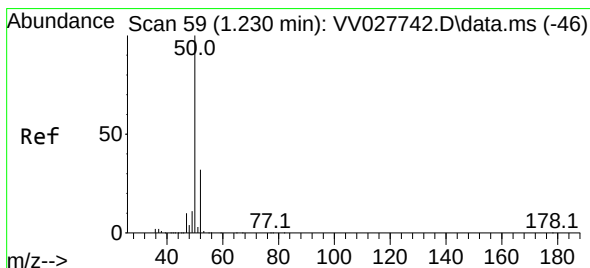
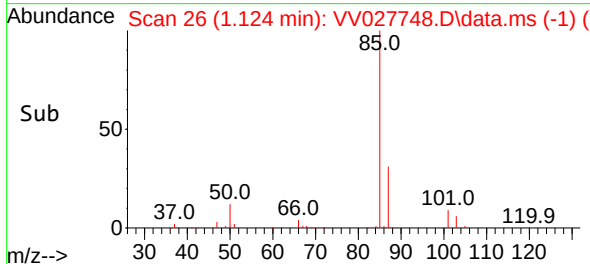
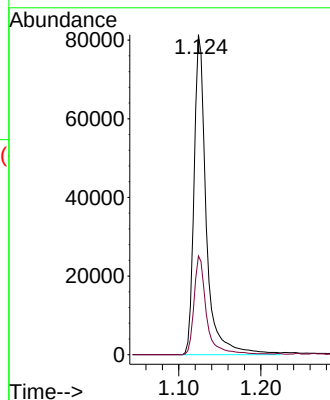
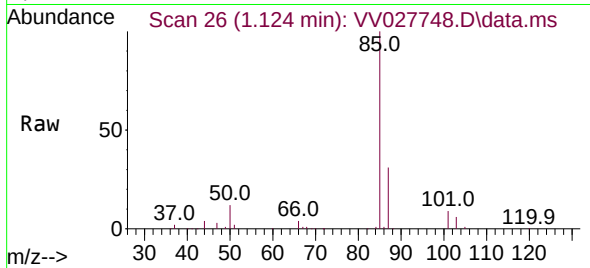
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.802 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

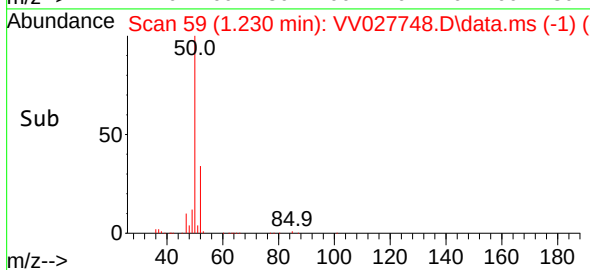
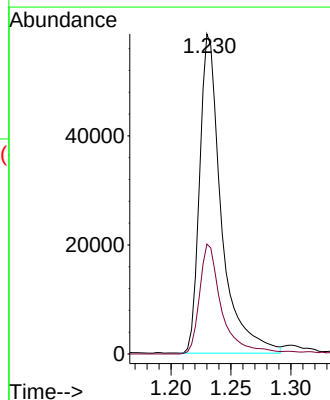
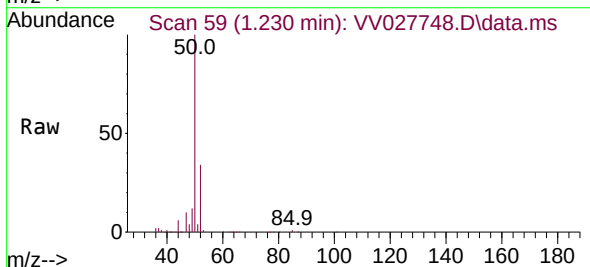
Instrument :
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 ClientSampleId :
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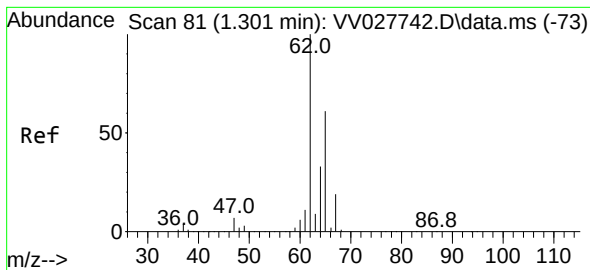
Tgt Ion: 85 Resp: 84660
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.4 38.0



#3
 Chloromethane
 Concen: 4.601 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

Tgt Ion: 50 Resp: 73861
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.1 41.1

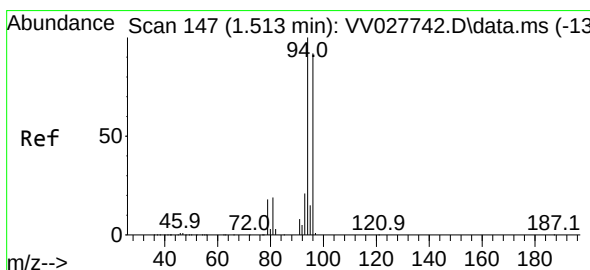
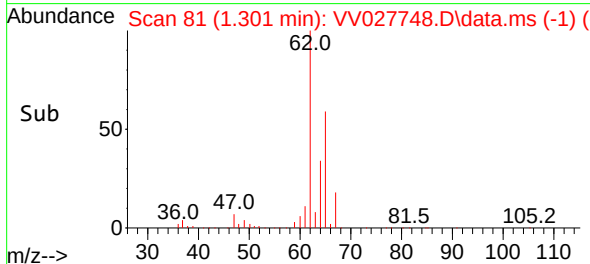
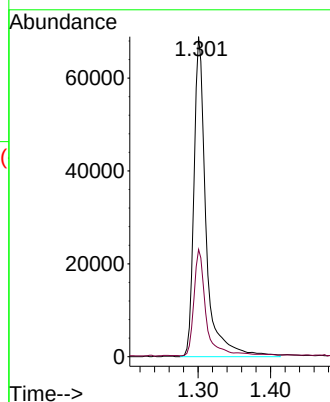
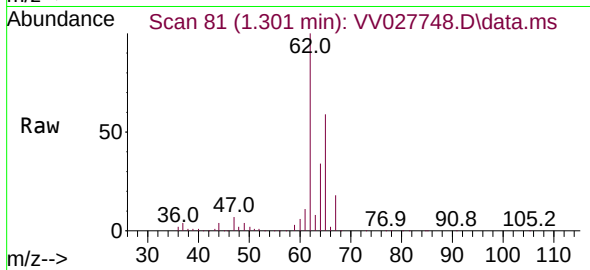




#5
 Vinyl chloride
 Concen: 4.973 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

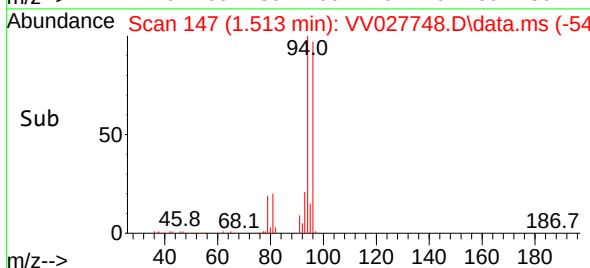
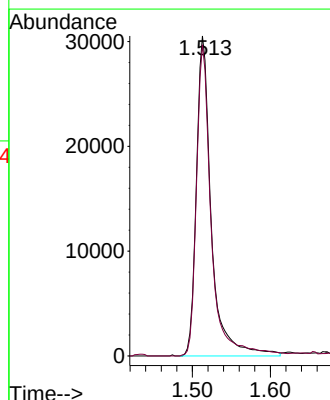
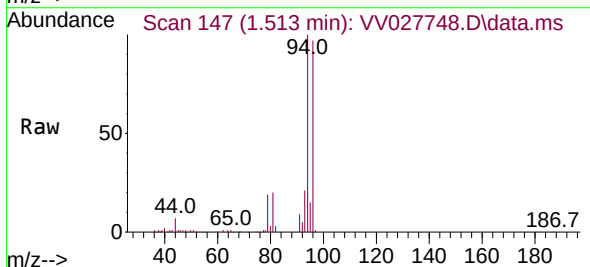
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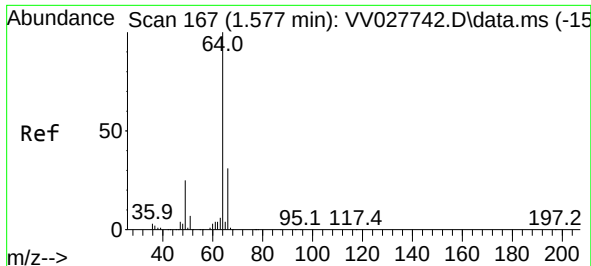
Tgt Ion: 62 Resp: 80407
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.677 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

Tgt Ion: 94 Resp: 40733
 Ion Ratio Lower Upper
 94 100
 96 97.3 64.2 119.2

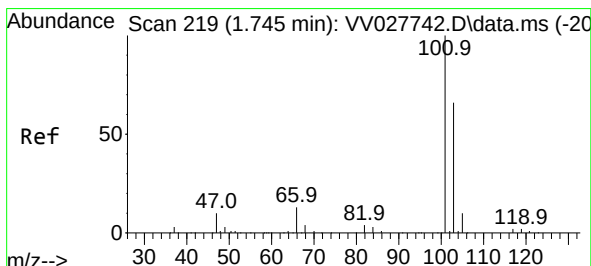
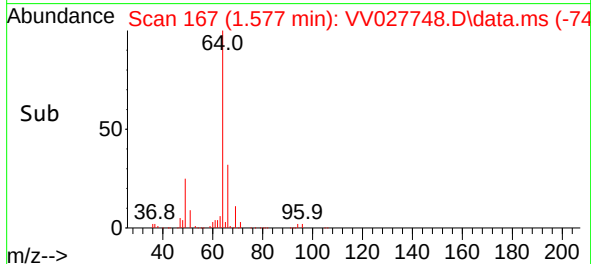
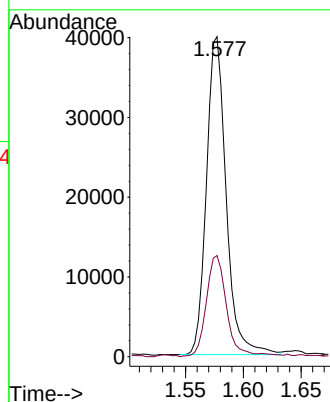
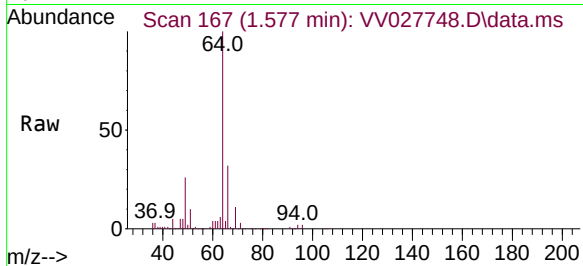




#8
Chloroethane
Concen: 5.093 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

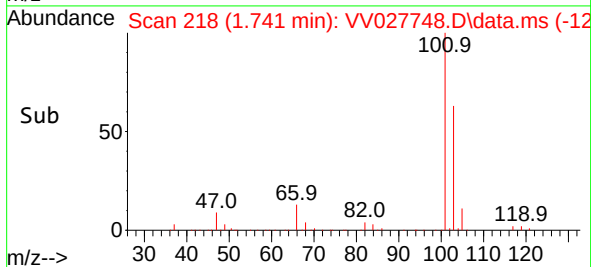
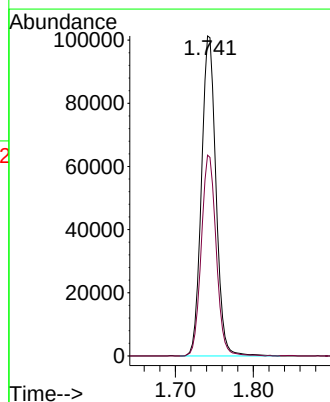
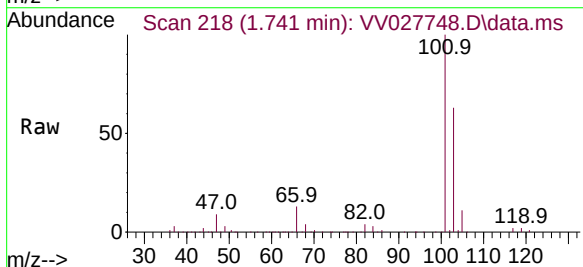
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ClientSampleId :
VSTD005284

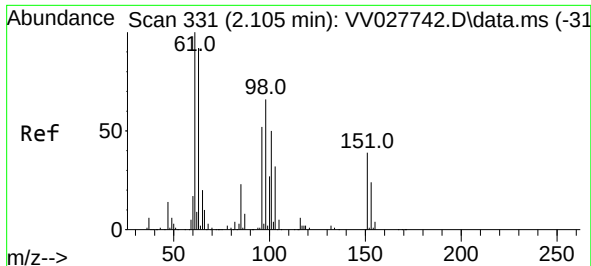
Tgt Ion: 64 Resp: 47288
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.994 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion:101 Resp: 130839
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

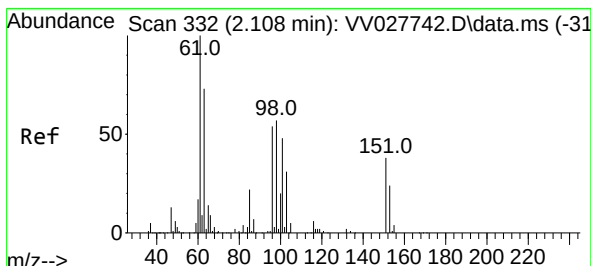
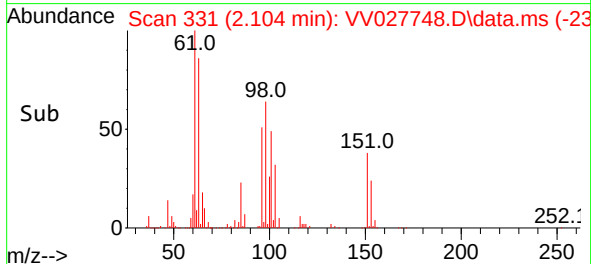
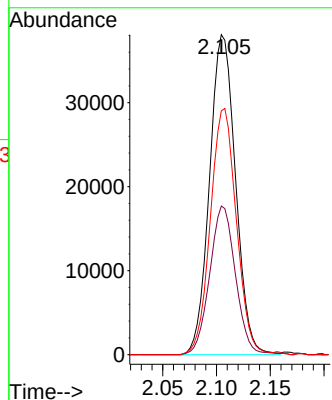
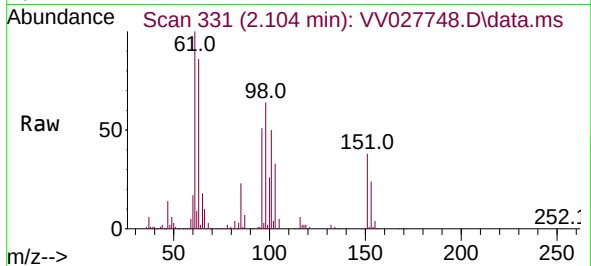




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.022 ug/L
RT: 2.104 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

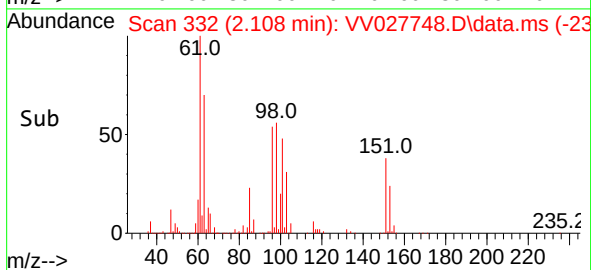
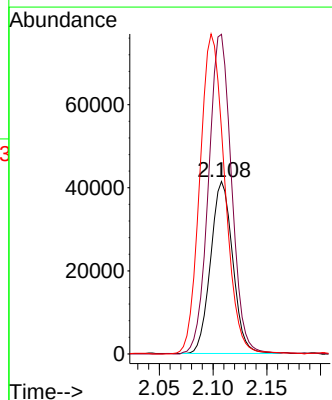
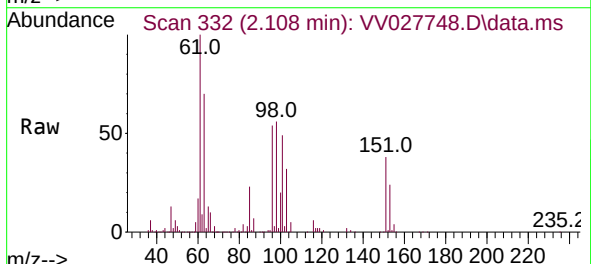
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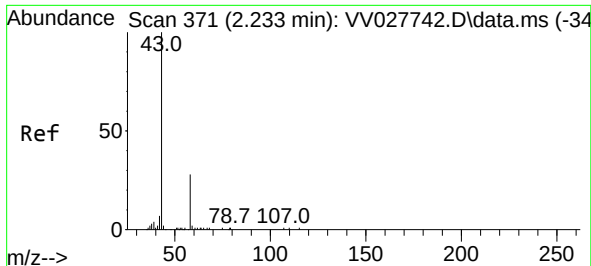
Tgt Ion:101 Resp: 64131
Ion Ratio Lower Upper
101 100
85 46.1 35.8 53.8
151 77.0 61.2 91.8



#12
1,1-Dichloroethene
Concen: 4.970 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 96 Resp: 59155
Ion Ratio Lower Upper
96 100
61 185.3 129.9 241.3
63 130.2 94.6 175.8

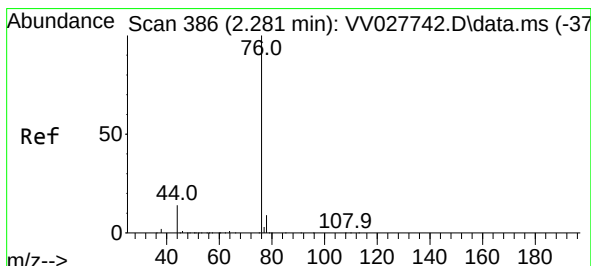
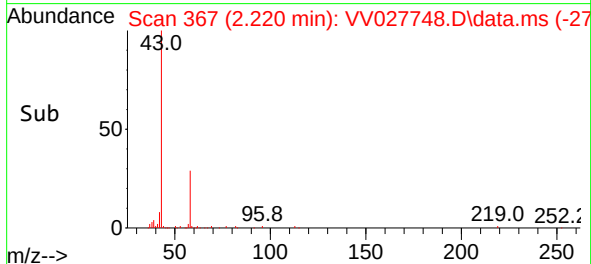
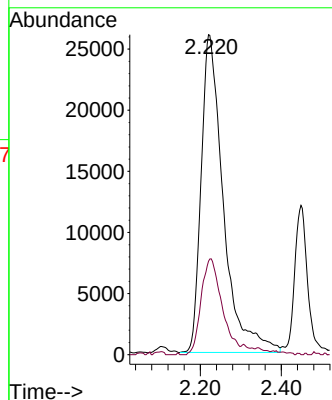
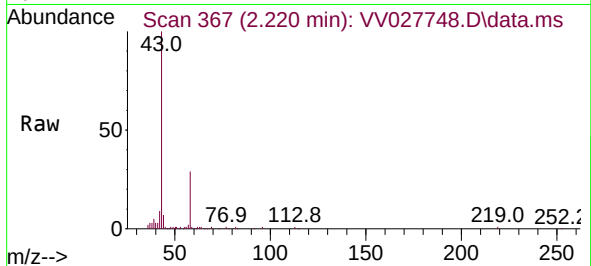




#13
Acetone
Concen: 50.616 ug/L
RT: 2.220 min Scan# 30
Delta R.T. -0.013 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

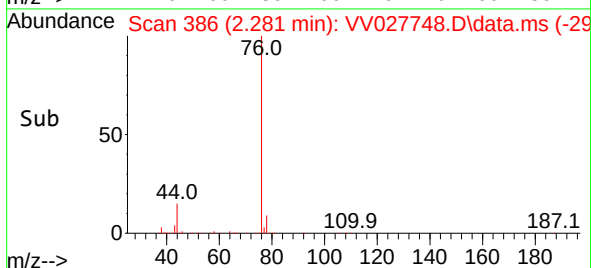
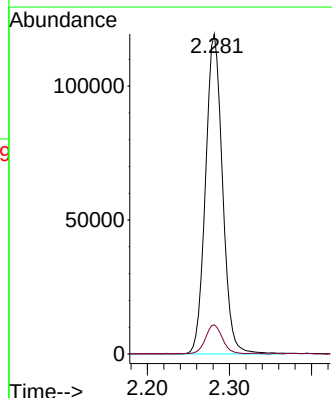
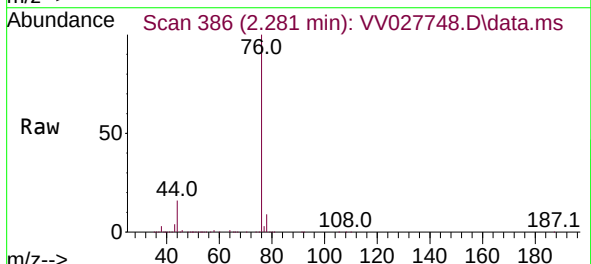
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

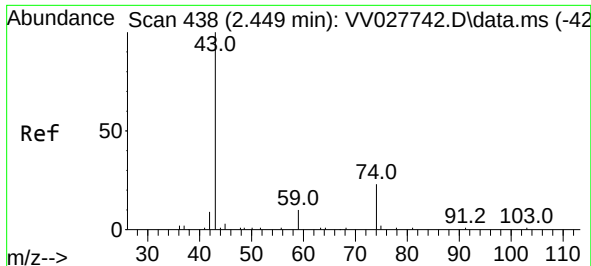
Tgt Ion: 43 Resp: 98942
Ion Ratio Lower Upper
43 100
58 28.3 0.0 49.4



#14
Carbon disulfide
Concen: 4.873 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 76 Resp: 172207
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

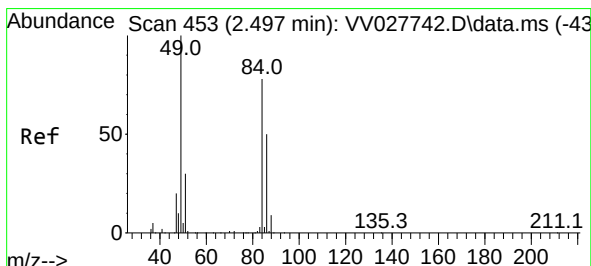
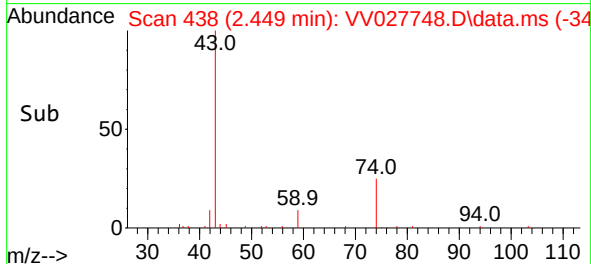
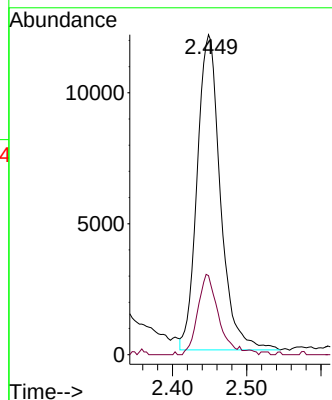
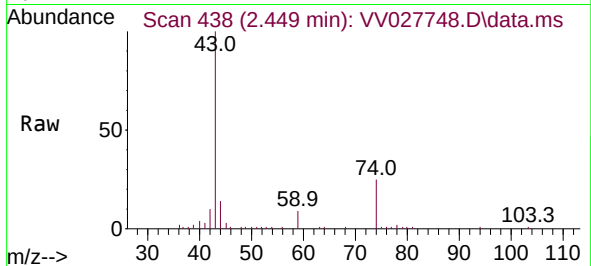




#15
Methyl Acetate
Concen: 5.059 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

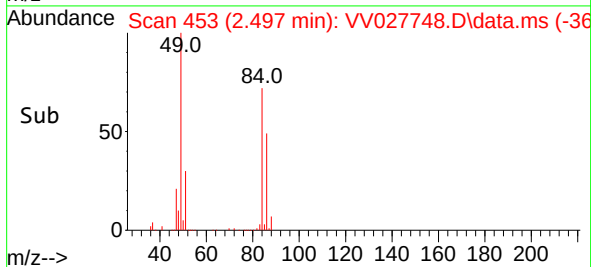
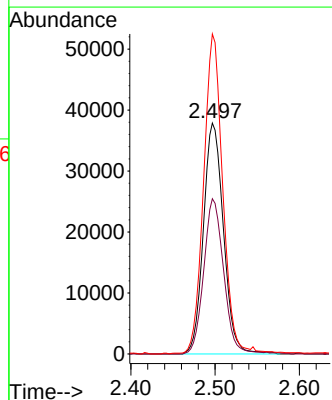
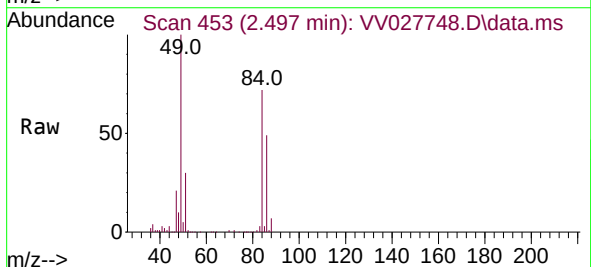
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

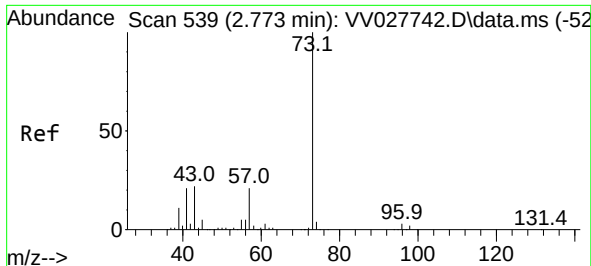
Tgt Ion: 43 Resp: 26228
Ion Ratio Lower Upper
43 100
74 22.6 16.6 25.0



#16
Methylene chloride
Concen: 4.098 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 84 Resp: 62811
Ion Ratio Lower Upper
84 100
86 67.3 44.9 83.3
49 138.6 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 5.328 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.006 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

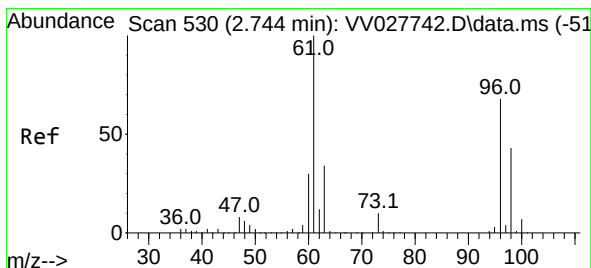
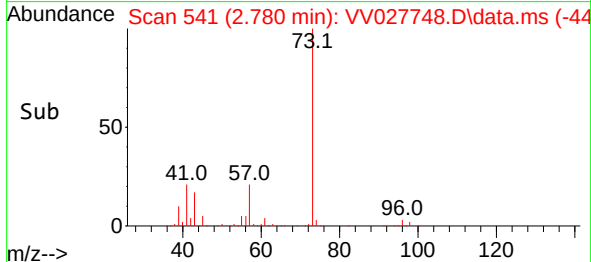
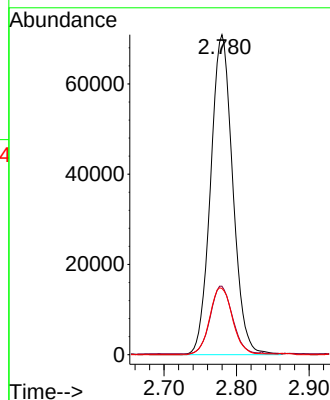
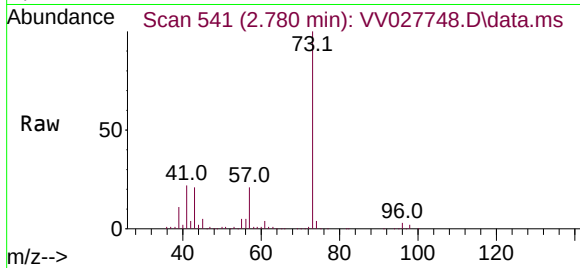
Tgt Ion: 73 Resp: 150520

Ion Ratio Lower Upper

73 100

43 21.2 17.5 26.3

57 21.7 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 5.161 ug/L

RT: 2.751 min Scan# 532

Delta R.T. 0.006 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

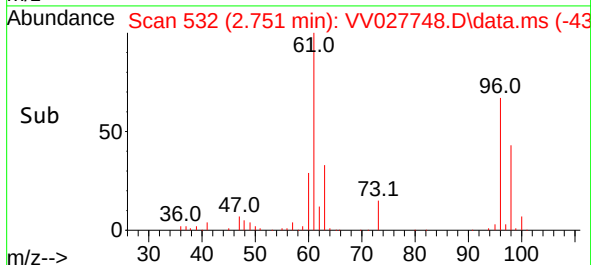
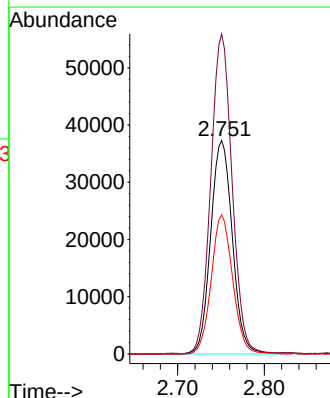
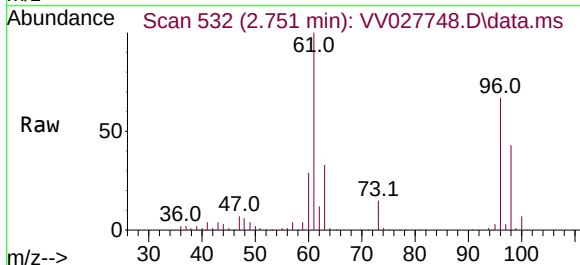
Tgt Ion: 96 Resp: 64866

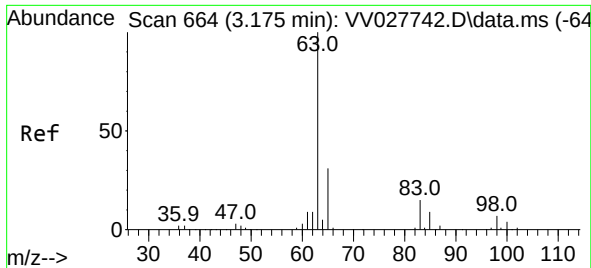
Ion Ratio Lower Upper

96 100

61 149.9 102.6 190.5

98 65.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.311 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

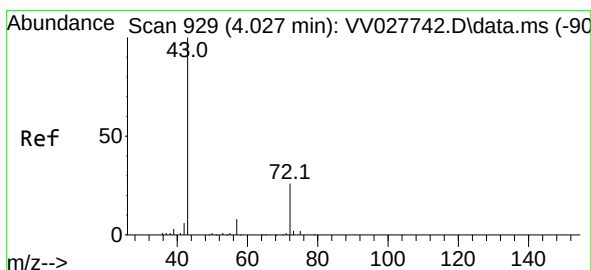
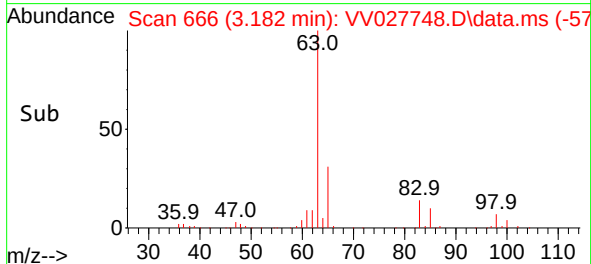
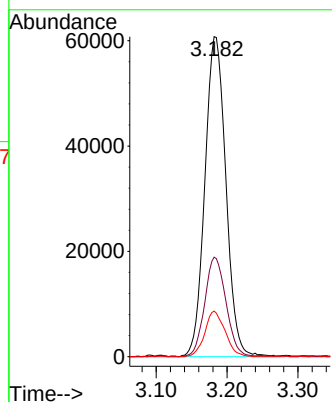
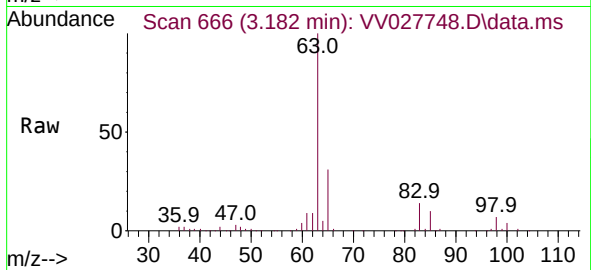
Tgt Ion: 63 Resp: 125283

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 54.502 ug/L

RT: 4.030 min Scan# 930

Delta R.T. 0.003 min

Lab File: VV027748.D

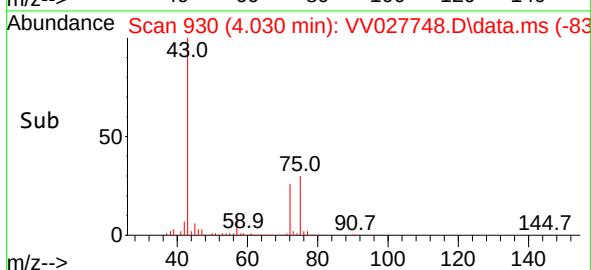
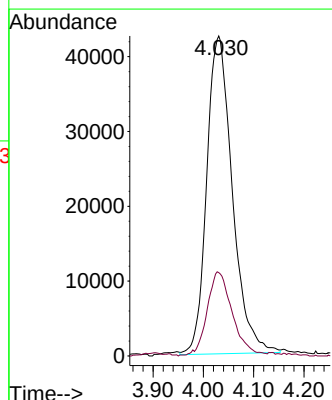
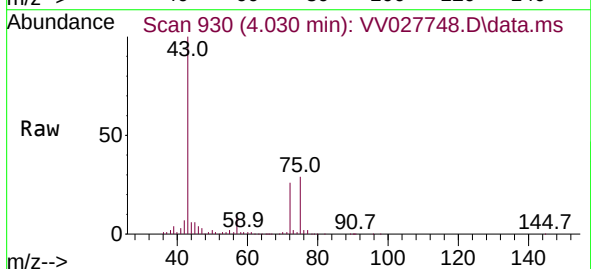
Acq: 06 Sep 2022 17:38

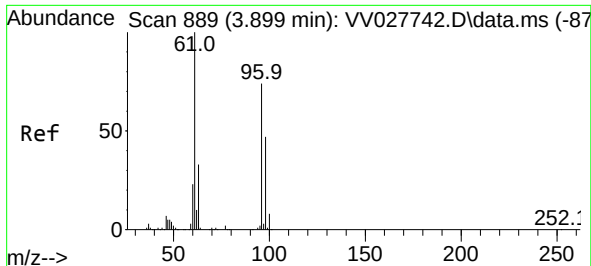
Tgt Ion: 43 Resp: 150387

Ion Ratio Lower Upper

43 100

72 25.2 13.0 39.0

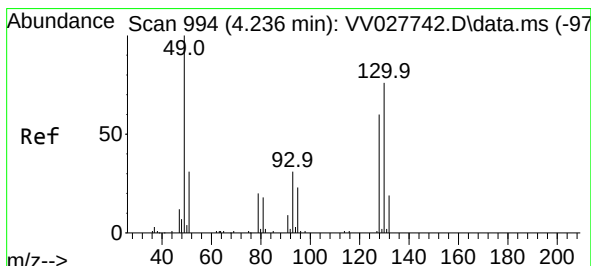
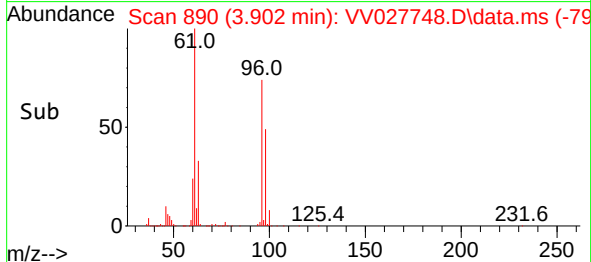
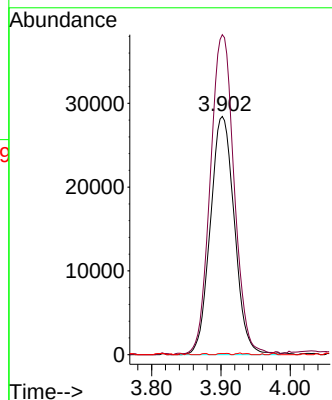
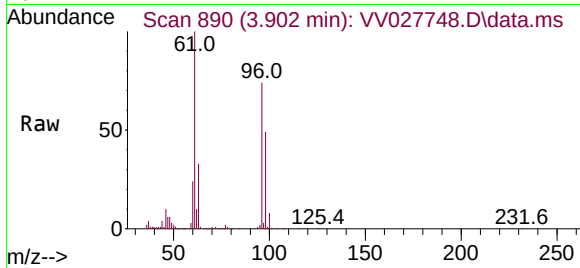




#22
 cis-1,2-Dichloroethene
 Concen: 5.009 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

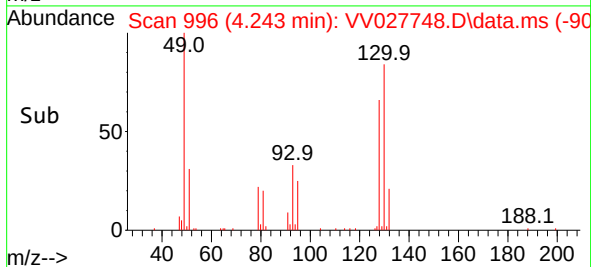
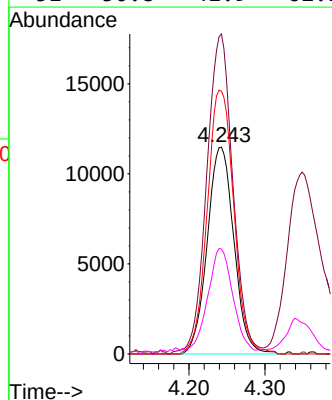
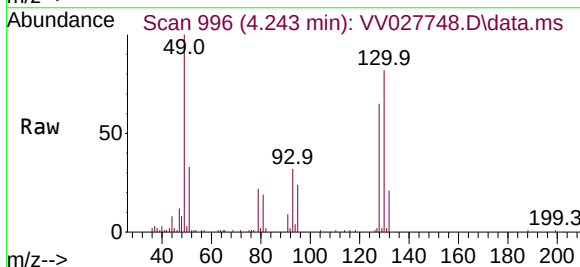
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

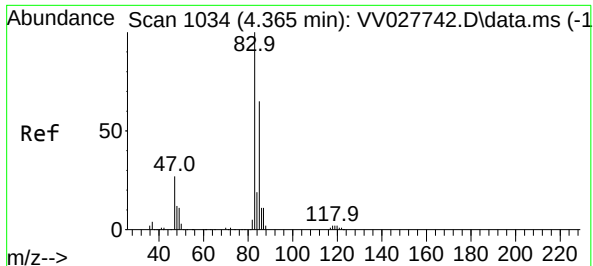
Tgt Ion: 96 Resp: 68622
 Ion Ratio Lower Upper
 96 100
 61 134.3 94.6 175.6
 68 0.5 0.3 0.5



#23
 Bromochloromethane
 Concen: 4.855 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VV027748.D
 Acq: 06 Sep 2022 17:38

Tgt Ion: 128 Resp: 27930
 Ion Ratio Lower Upper
 128 100
 49 154.8 118.4 219.8
 130 127.1 89.2 165.6
 51 50.8 41.9 62.9





#25

Chloroform

Concen: 4.805 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

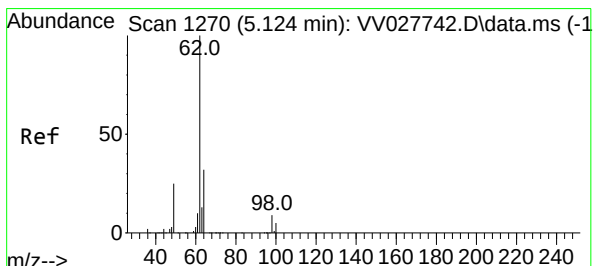
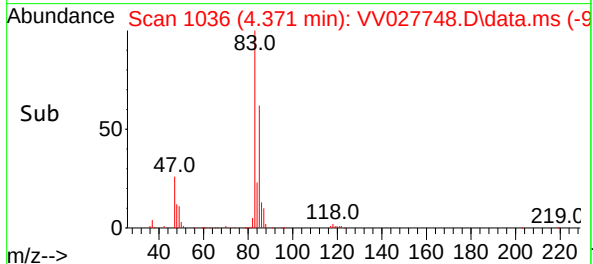
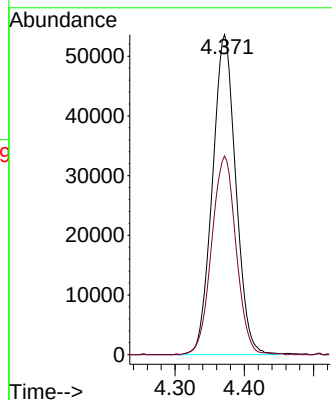
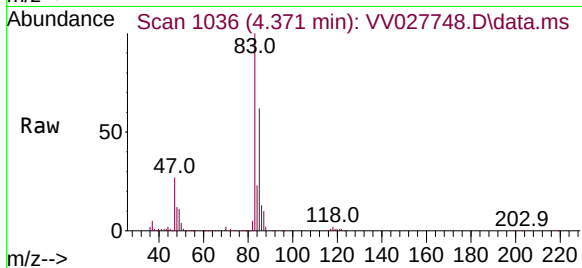
VSTD005284

Tgt Ion: 83 Resp: 125751

Ion Ratio Lower Upper

83 100

85 62.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.990 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV027748.D

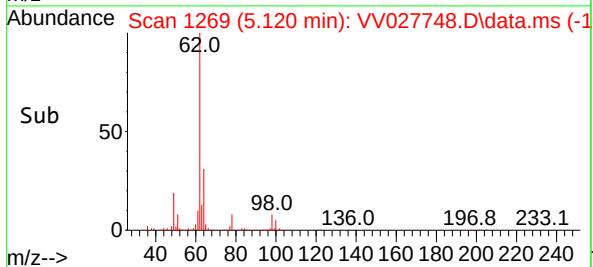
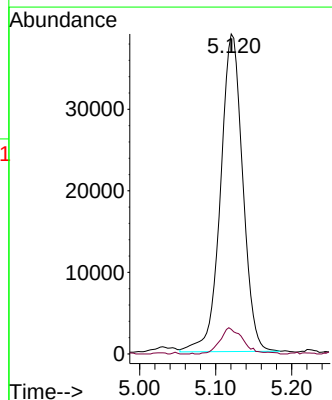
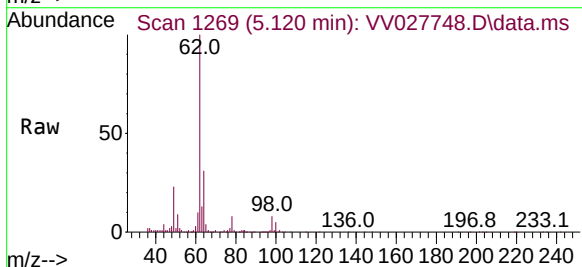
Acq: 06 Sep 2022 17:38

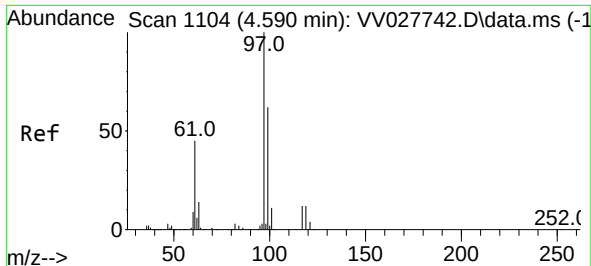
Tgt Ion: 62 Resp: 79179

Ion Ratio Lower Upper

62 100

98 7.7 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.248 ug/L

RT: 4.593 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

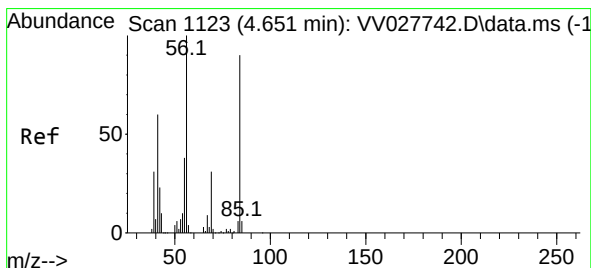
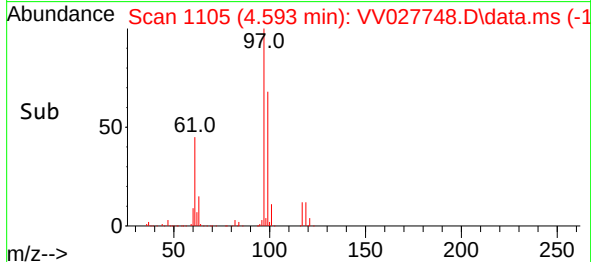
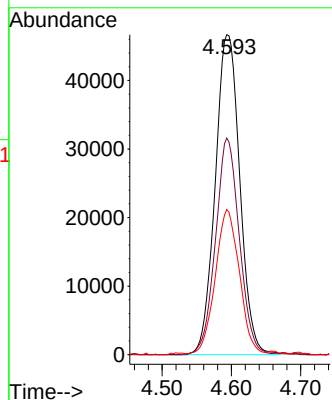
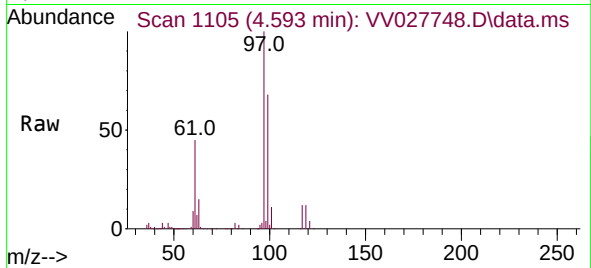
Tgt Ion: 97 Resp: 115165

Ion Ratio Lower Upper

97 100

99 65.6 50.8 76.2

61 43.9 36.2 54.4



#30

Cyclohexane

Concen: 5.197 ug/L

RT: 4.651 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

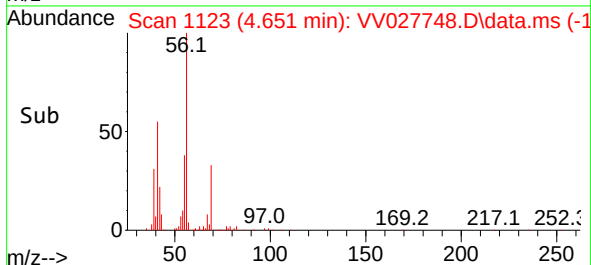
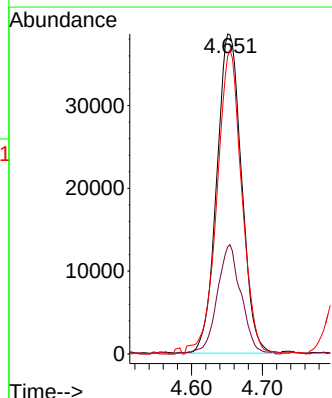
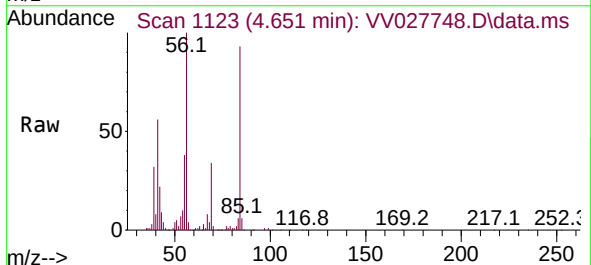
Tgt Ion: 56 Resp: 93708

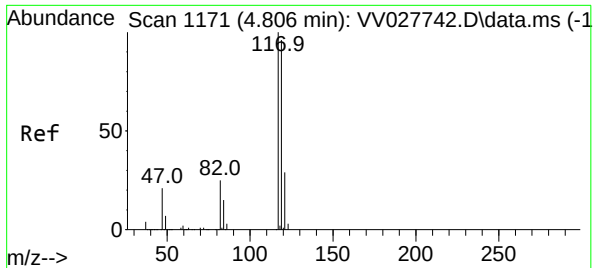
Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 95.2 73.8 110.8

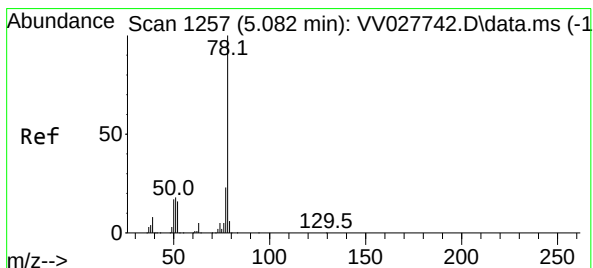
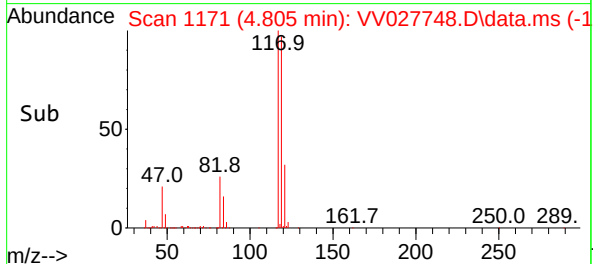
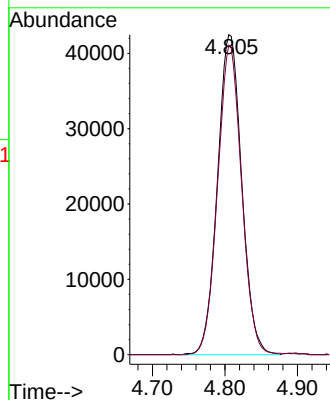
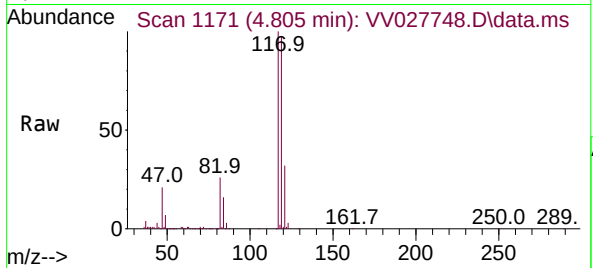




#31
Carbon tetrachloride
Concen: 5.293 ug/L
RT: 4.805 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

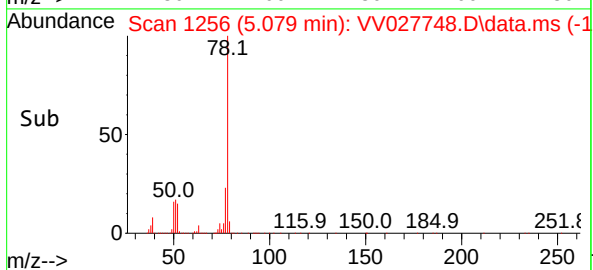
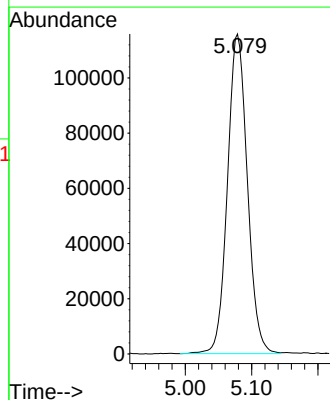
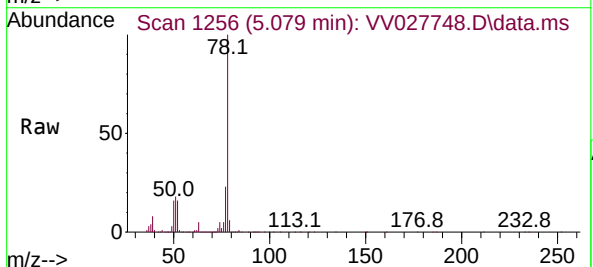
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

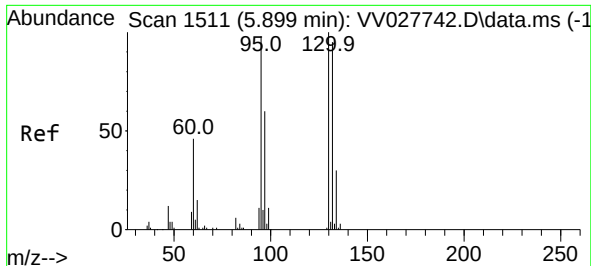
Tgt Ion:117 Resp: 98685
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8



#33
Benzene
Concen: 5.122 ug/L
RT: 5.079 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 78 Resp: 241372





#34

Trichloroethene

Concen: 5.730 ug/L

RT: 5.879 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

Tgt Ion: 95 Resp: 67577

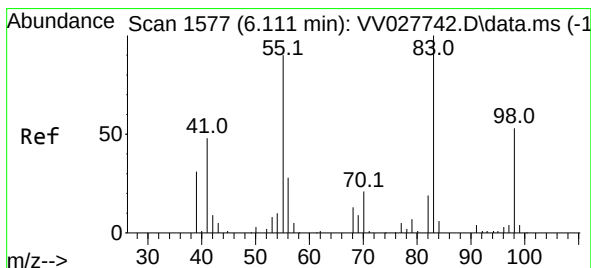
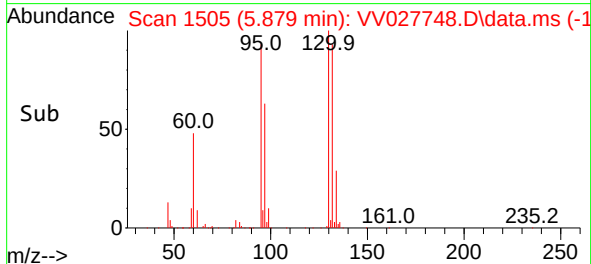
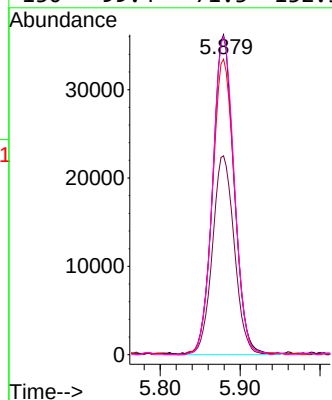
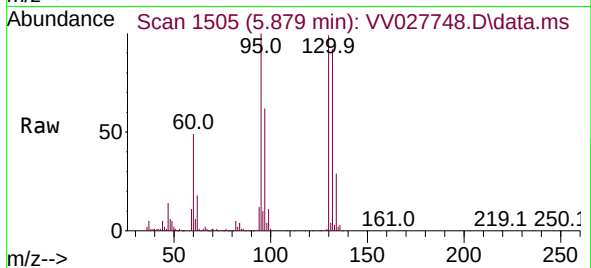
Ion Ratio Lower Upper

95 100

97 62.1 42.9 79.7

132 92.3 67.9 126.1

130 99.4 71.3 132.3



#35

Methylcyclohexane

Concen: 6.958 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

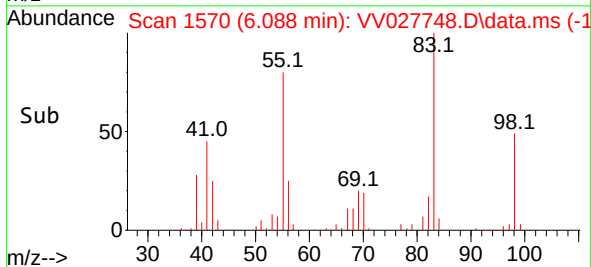
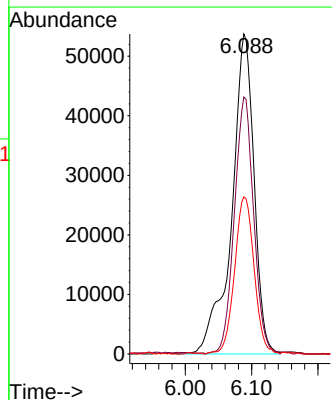
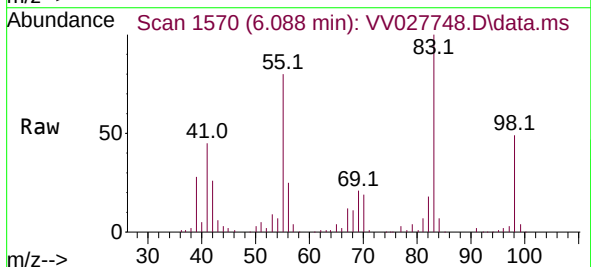
Tgt Ion: 83 Resp: 126029

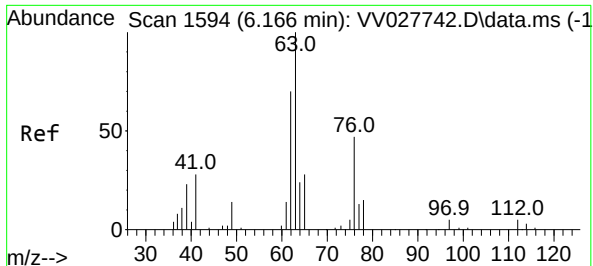
Ion Ratio Lower Upper

83 100

55 69.6 61.9 92.9

98 42.8 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.037 ug/L

RT: 6.153 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

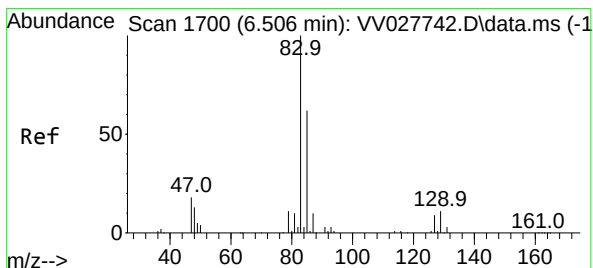
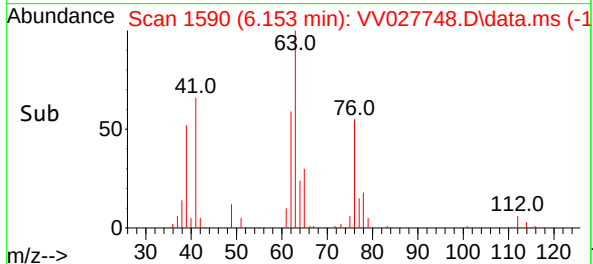
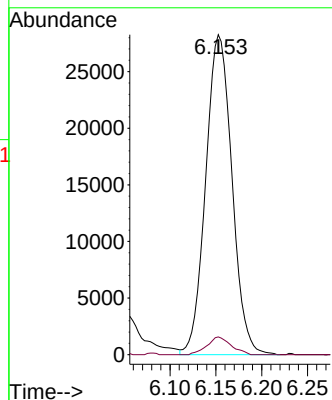
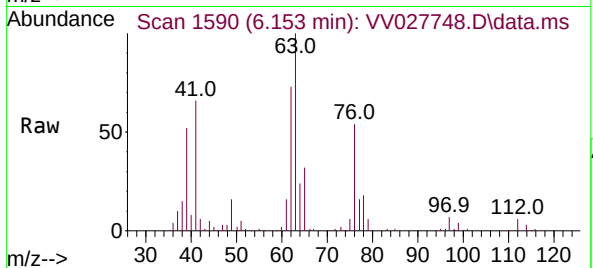
VSTD005284

Tgt Ion: 63 Resp: 56320

Ion Ratio Lower Upper

63 100

112 5.1 4.0 6.0



#38

Bromodichloromethane

Concen: 5.383 ug/L

RT: 6.493 min Scan# 1696

Delta R.T. -0.013 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

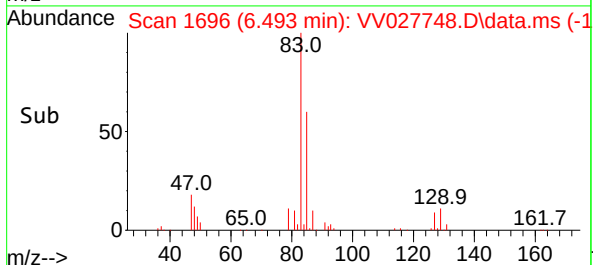
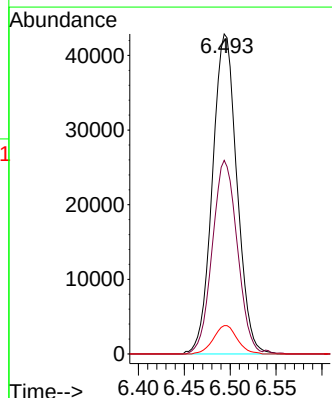
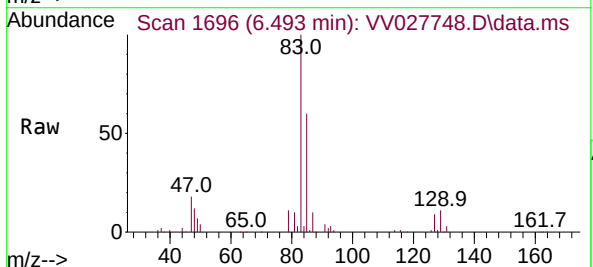
Tgt Ion: 83 Resp: 79806

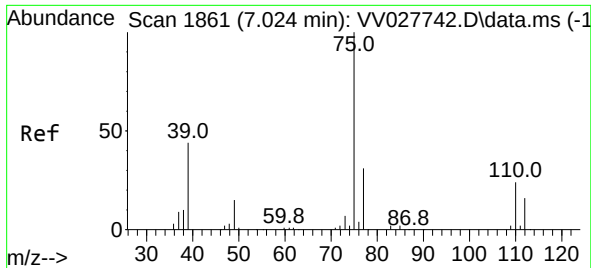
Ion Ratio Lower Upper

83 100

85 60.5 43.3 80.3

127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.148 ug/L

RT: 7.040 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

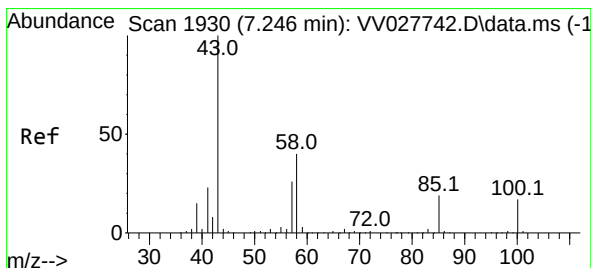
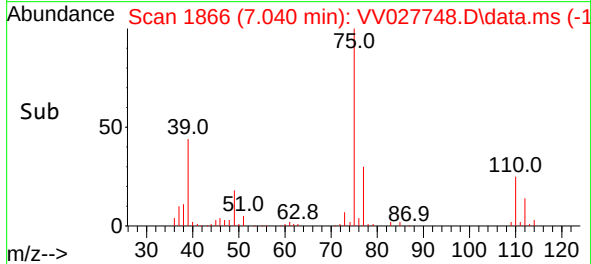
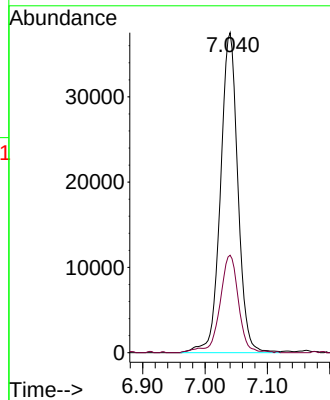
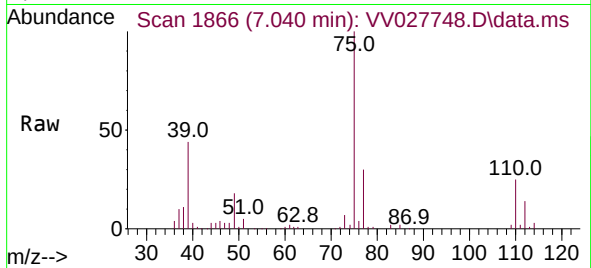
VSTD005284

Tgt Ion: 75 Resp: 72685

Ion Ratio Lower Upper

75 100

77 30.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.137 ug/L

RT: 7.265 min Scan# 1936

Delta R.T. 0.019 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

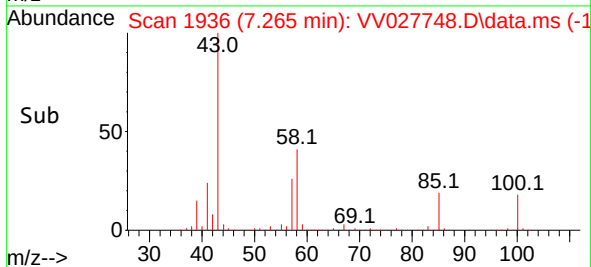
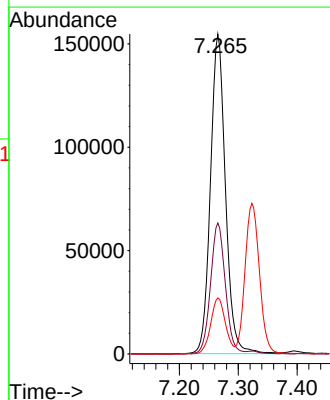
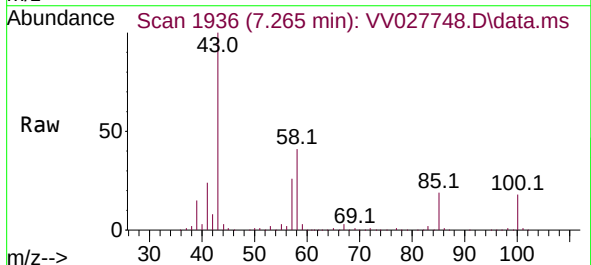
Tgt Ion: 43 Resp: 274365

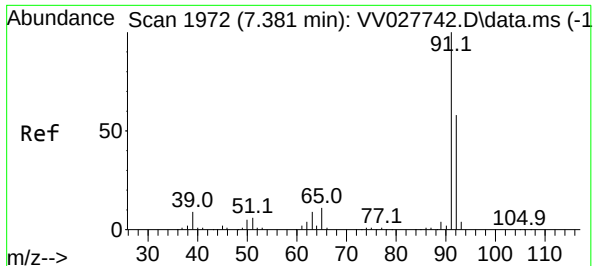
Ion Ratio Lower Upper

43 100

58 40.4 30.9 46.3

100 17.3 13.4 20.0





#42

Toluene

Concen: 5.492 ug/L

RT: 7.394 min Scan# 1972

Delta R.T. 0.013 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

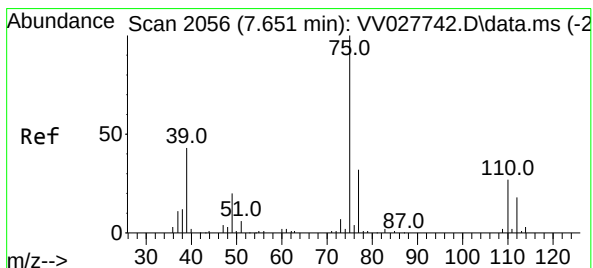
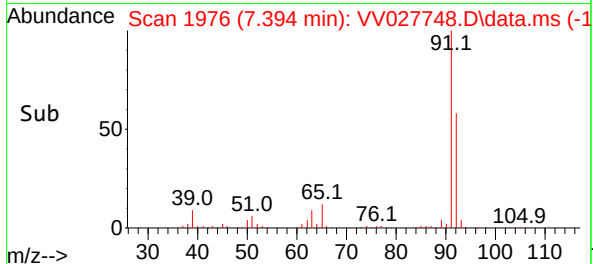
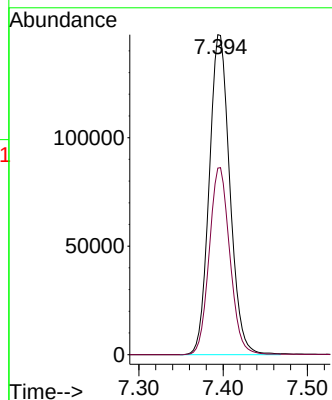
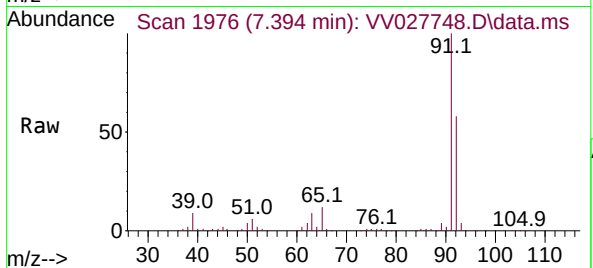
VSTD005284

Tgt Ion: 91 Resp: 250692

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.118 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VV027748.D

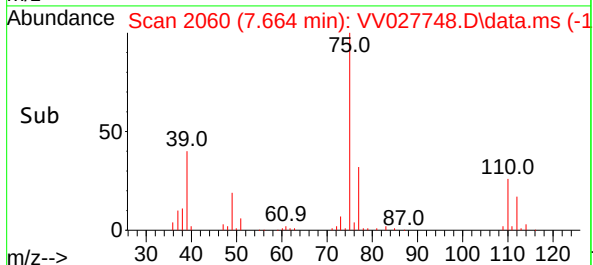
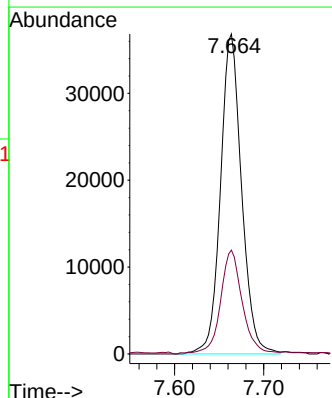
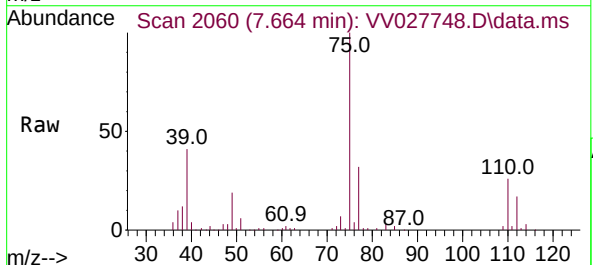
Acq: 06 Sep 2022 17:38

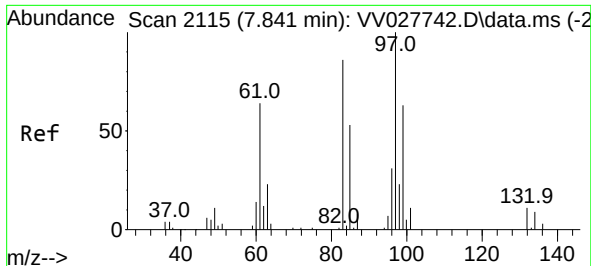
Tgt Ion: 75 Resp: 60642

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.488 ug/L

RT: 7.850 min Scan# 2115

Delta R.T. 0.010 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

Tgt Ion: 97 Resp: 39762

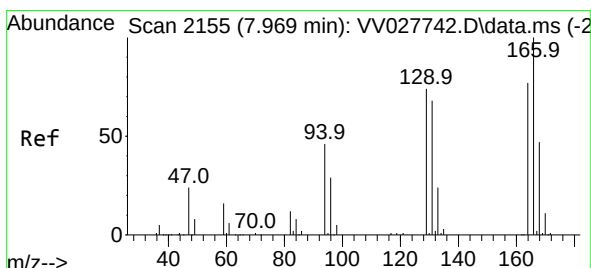
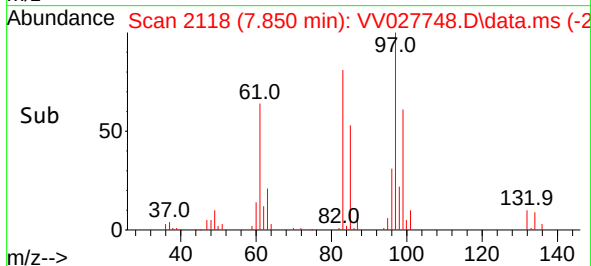
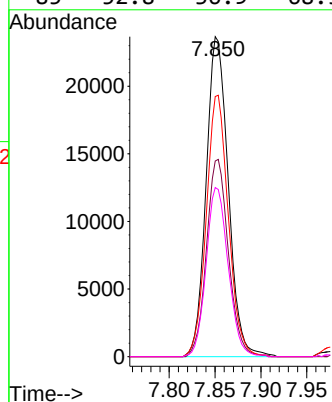
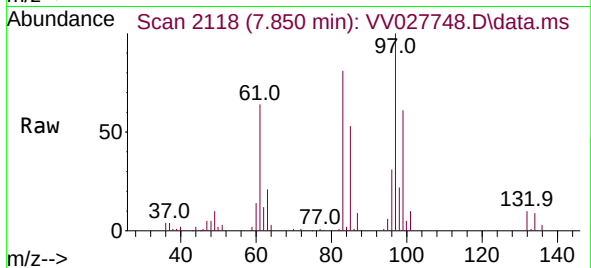
Ion Ratio Lower Upper

97 100

99 61.1 44.2 82.0

83 81.3 60.3 112.1

85 52.8 36.9 68.5



#47

Tetrachloroethene

Concen: 5.206 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Tgt Ion:164 Resp: 49275

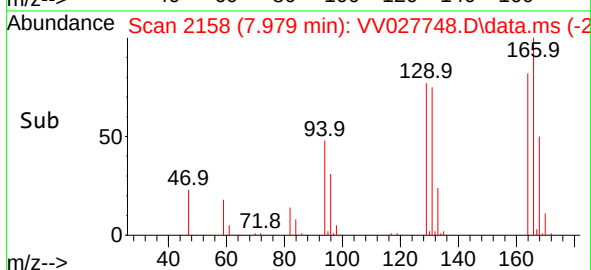
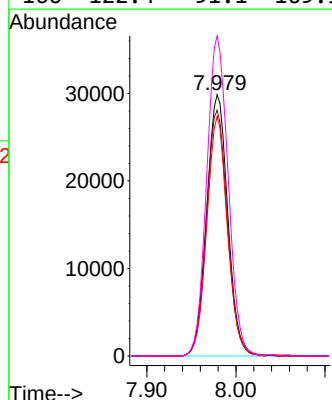
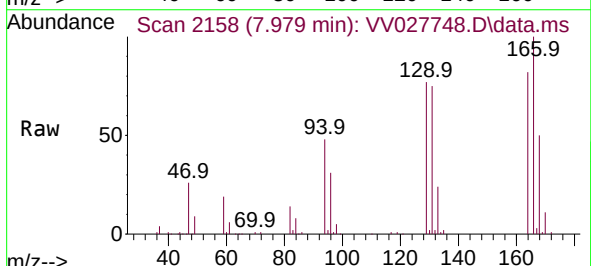
Ion Ratio Lower Upper

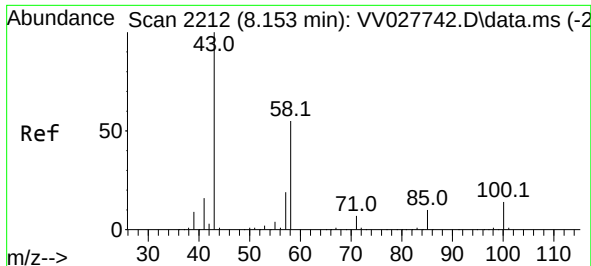
164 100

129 94.1 67.2 124.8

131 91.7 61.5 114.3

166 122.4 91.1 169.3



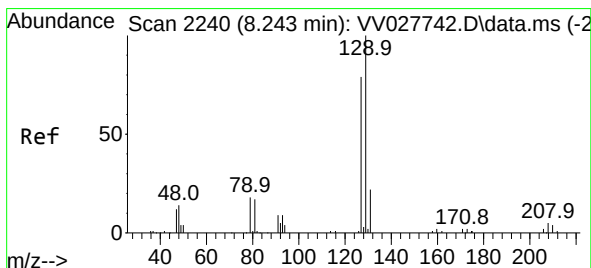
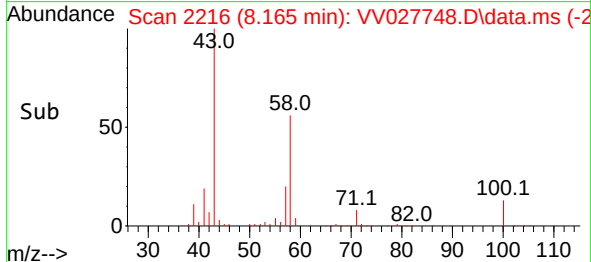
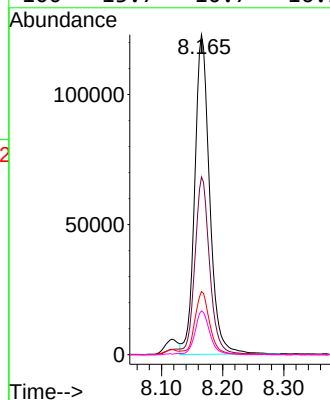
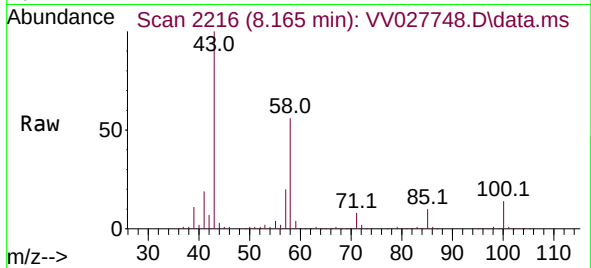


#48
2-Hexanone
Concen: 56.464 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.013 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

Tgt Ion: 43 Resp: 208040

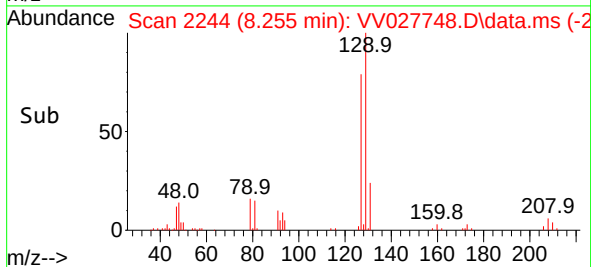
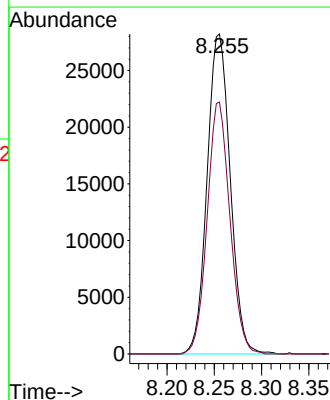
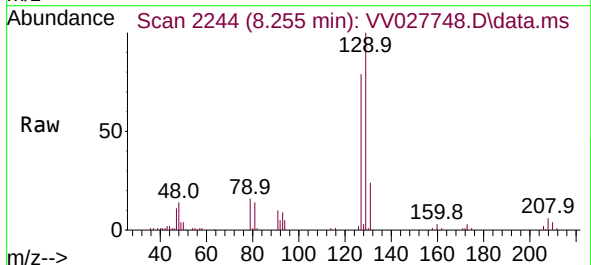
Ion	Ratio	Lower	Upper
43	100		
58	56.9	43.2	64.8
57	19.5	15.6	23.4
100	13.7	10.7	16.1

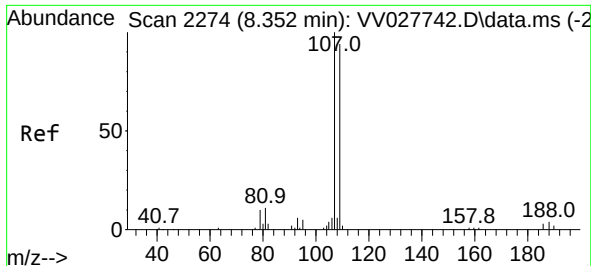


#49
Dibromochloromethane
Concen: 5.222 ug/L
RT: 8.255 min Scan# 2244
Delta R.T. 0.013 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 129 Resp: 48029

Ion	Ratio	Lower	Upper
129	100		
127	78.7	55.2	102.6





#50

1,2-Dibromoethane

Concen: 5.460 ug/L

RT: 8.361 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

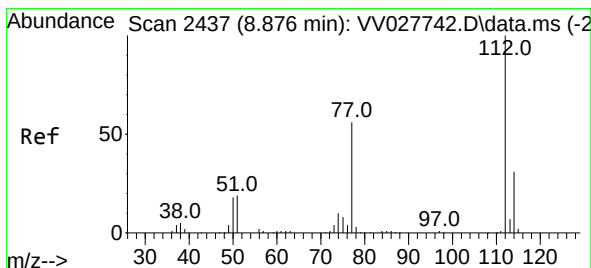
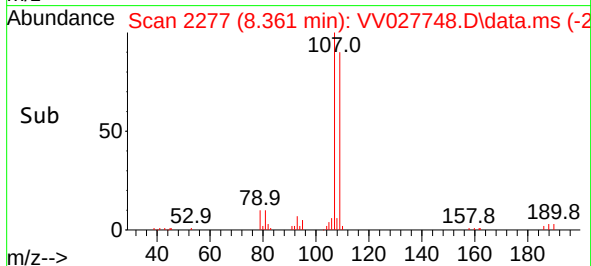
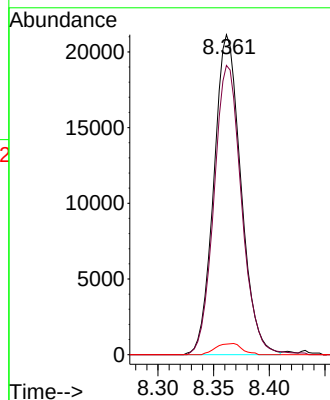
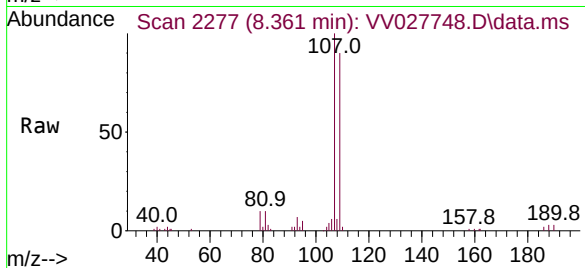
Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

Tgt Ion:	107	Resp:	35771
Ion	Ratio	Lower	Upper
107	100		
109	90.4	65.9	122.5
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 5.170 ug/L

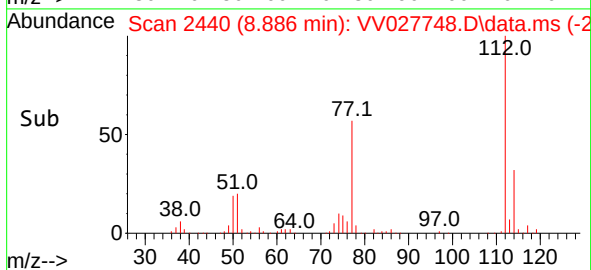
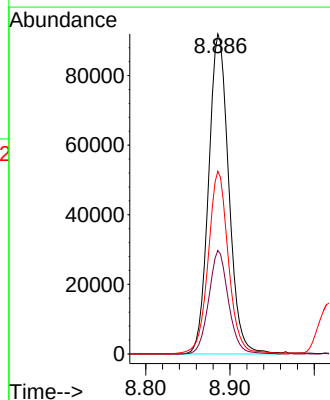
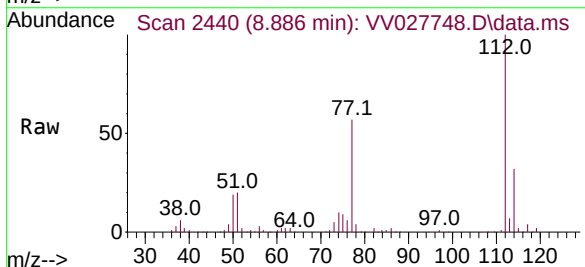
RT: 8.886 min Scan# 2440

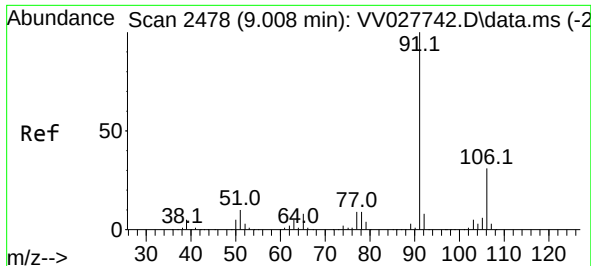
Delta R.T. 0.010 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Tgt Ion:	112	Resp:	153116
Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.7	40.3
77	57.1	45.3	67.9





#52

Ethylbenzene

Concen: 5.055 ug/L

RT: 9.014 min Scan# 24

Delta R.T. 0.006 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

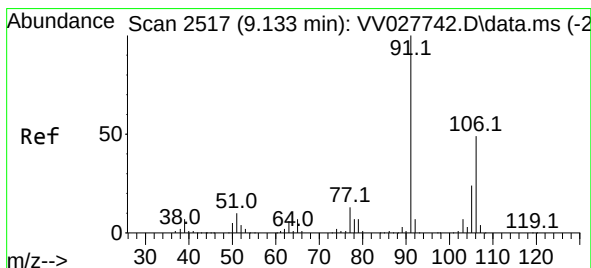
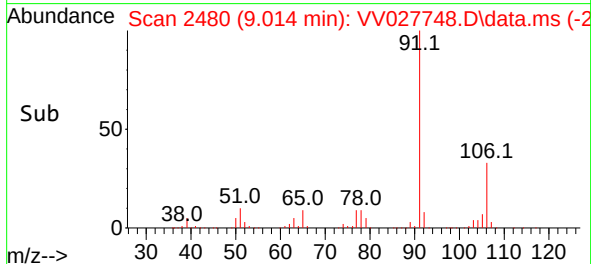
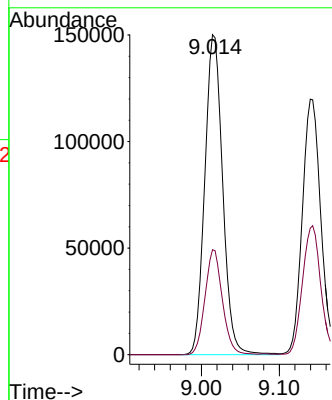
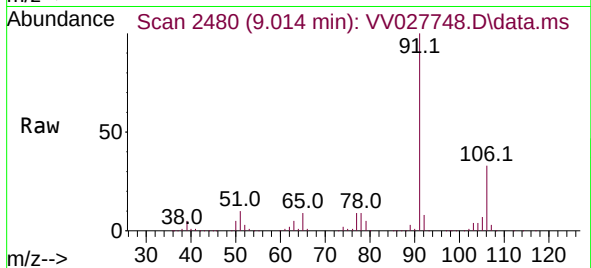
VSTD005284

Tgt Ion: 91 Resp: 239301

Ion Ratio Lower Upper

91 100

106 32.8 22.0 40.8



#53

m,p-Xylene

Concen: 5.297 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.009 min

Lab File: VV027748.D

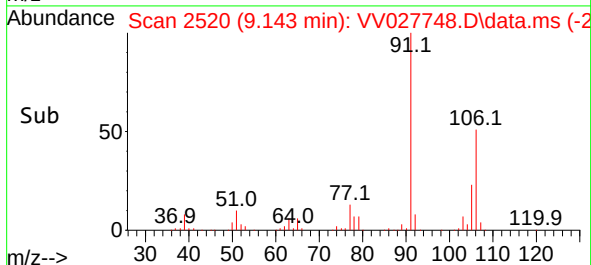
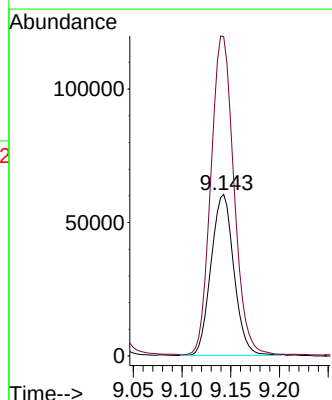
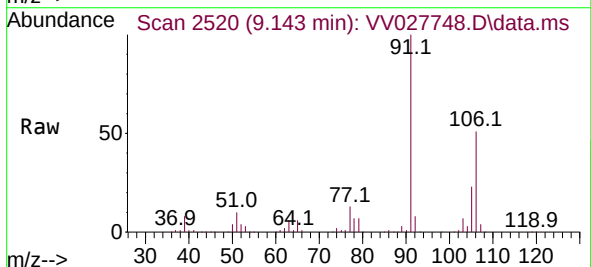
Acq: 06 Sep 2022 17:38

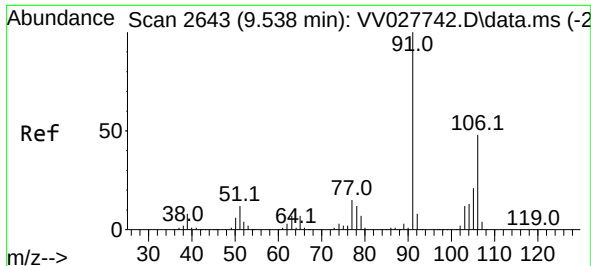
Tgt Ion: 106 Resp: 98622

Ion Ratio Lower Upper

106 100

91 197.6 142.4 264.4

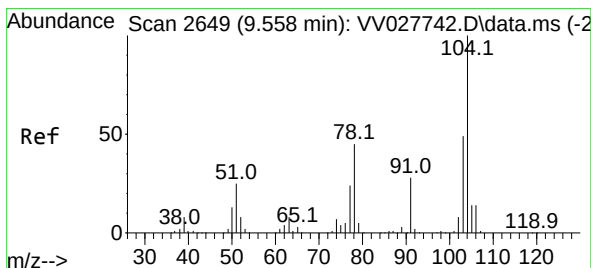
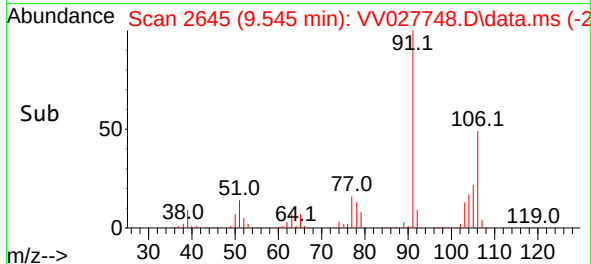
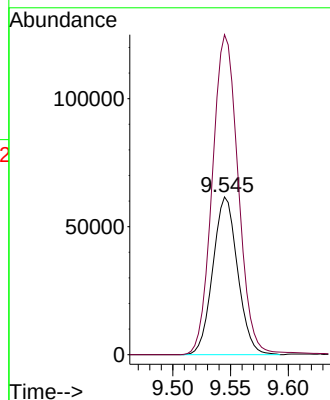
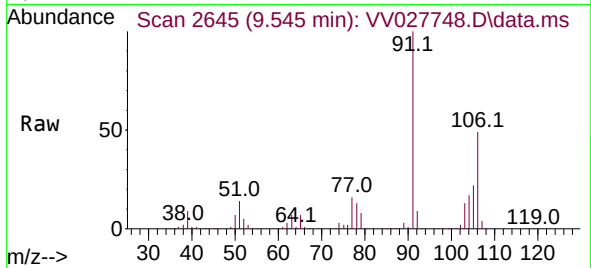




#54
o-Xylene
Concen: 5.176 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

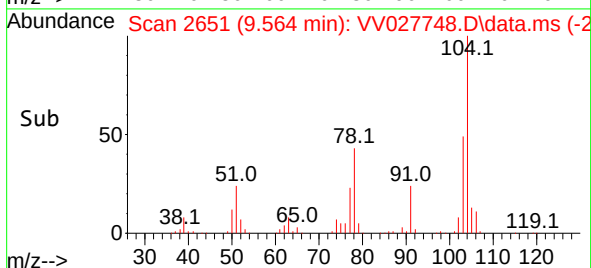
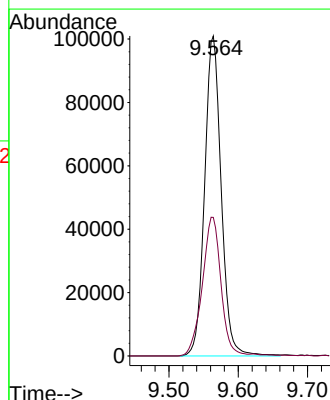
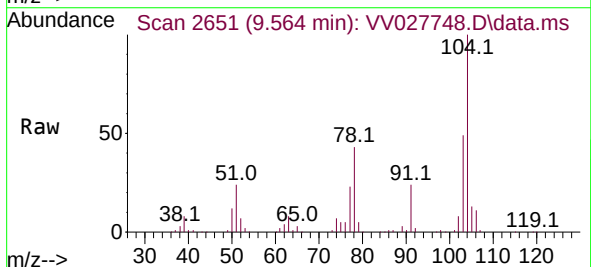
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

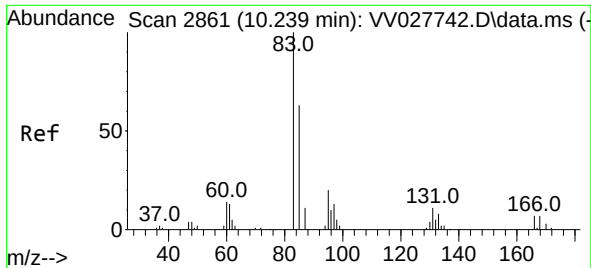
Tgt Ion:106 Resp: 91869
Ion Ratio Lower Upper
106 100
91 202.8 147.5 273.9



#55
Styrene
Concen: 5.463 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion:104 Resp: 167672
Ion Ratio Lower Upper
104 100
78 43.3 31.7 58.9

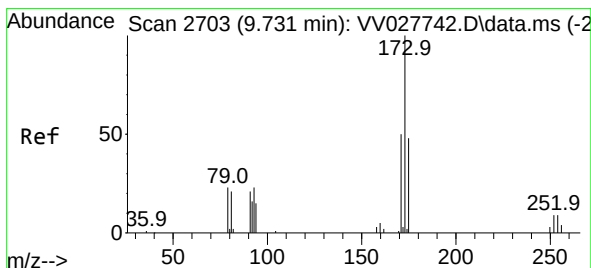
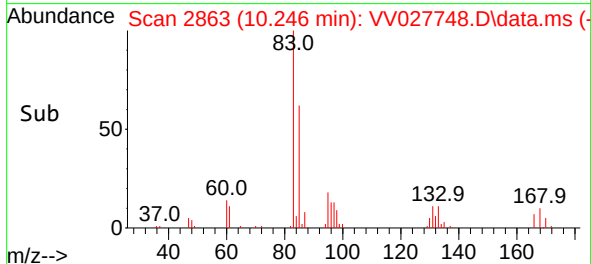
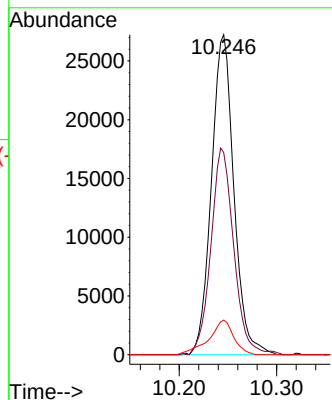
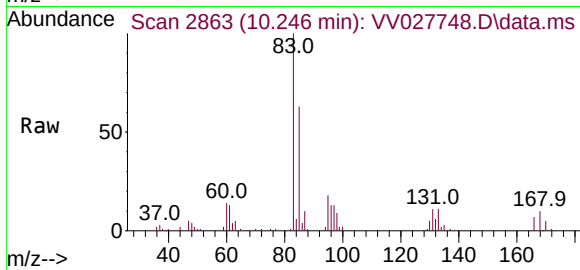




#57
1,1,2,2-Tetrachloroethane
Concen: 5.369 ug/L
RT: 10.246 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

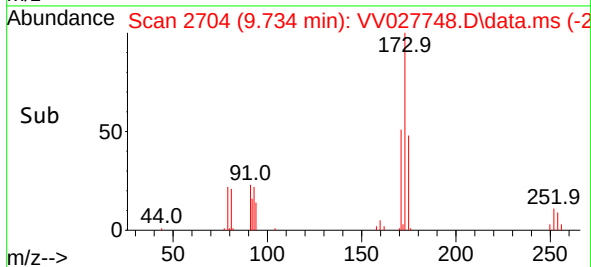
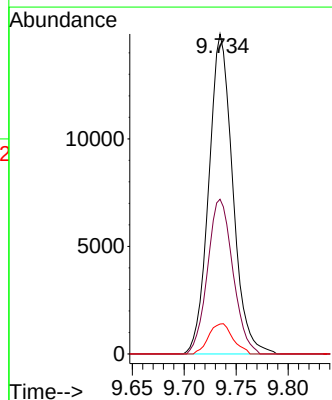
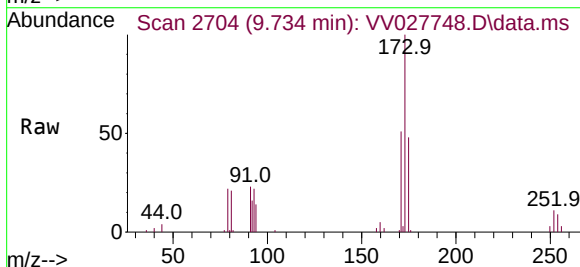
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

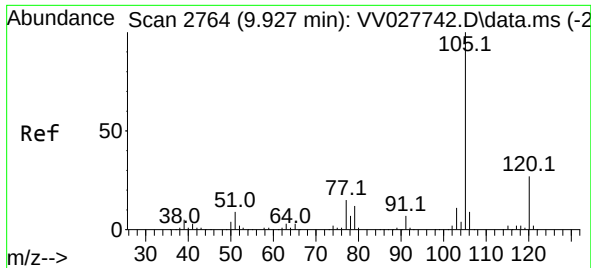
Tgt Ion: 83 Resp: 43595
Ion Ratio Lower Upper
83 100
85 63.1 44.7 83.1
131 10.8 8.5 12.7



#59
Bromoform
Concen: 4.892 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 173 Resp: 23812
Ion Ratio Lower Upper
173 100
175 51.2 38.4 57.6
254 9.5 6.8 10.2

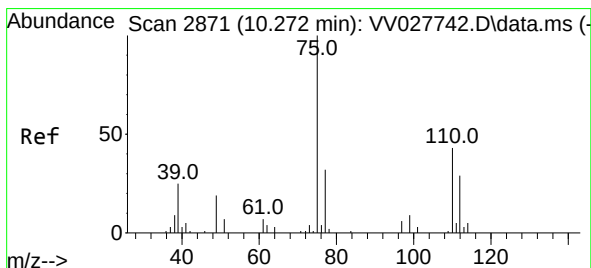
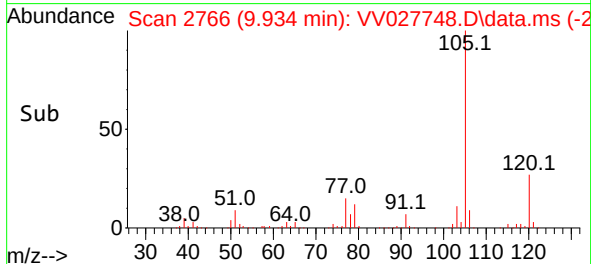
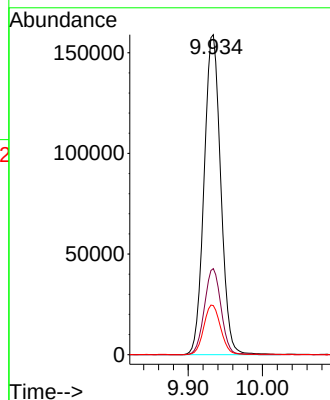
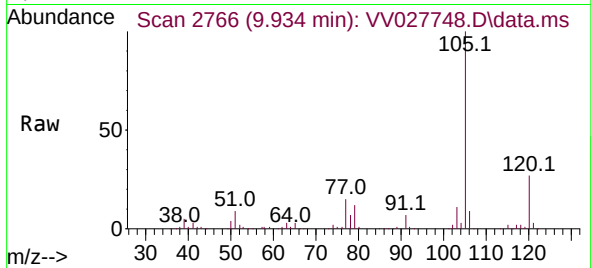




#60
Isopropylbenzene
Concen: 4.907 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

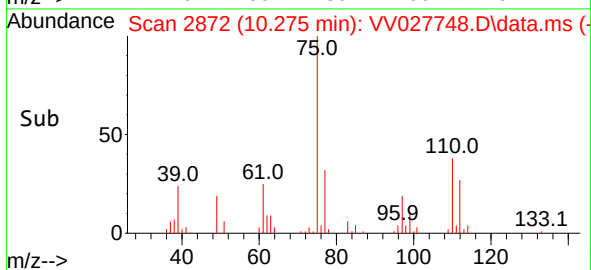
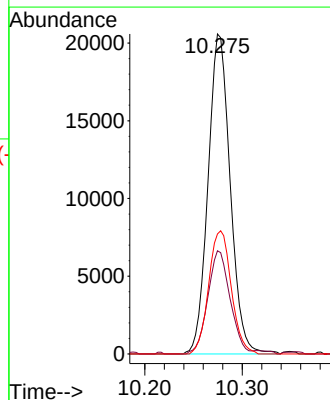
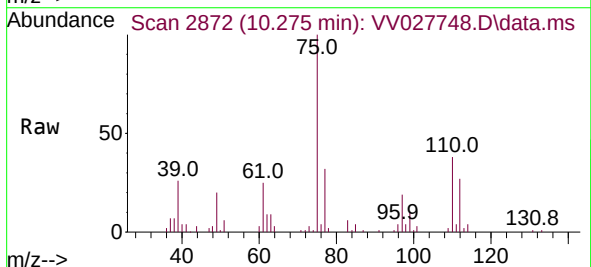
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

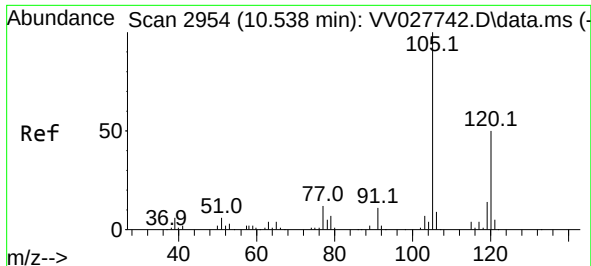
Tgt Ion:105 Resp: 246849
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.113 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion: 75 Resp: 32562
Ion Ratio Lower Upper
75 100
77 32.4 27.6 41.4
110 39.3 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 4.742 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

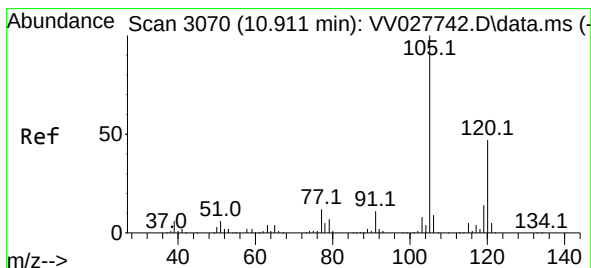
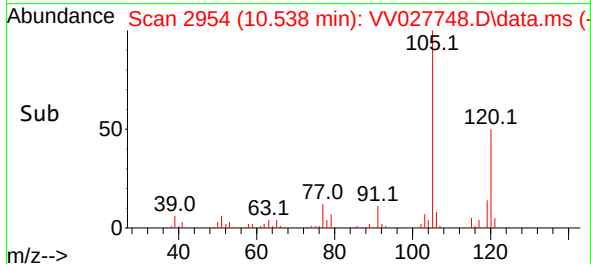
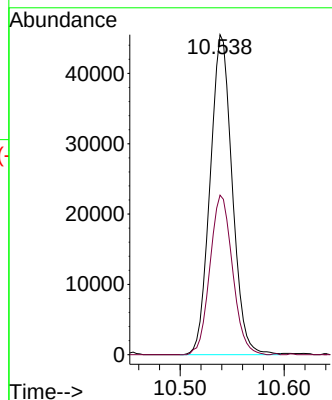
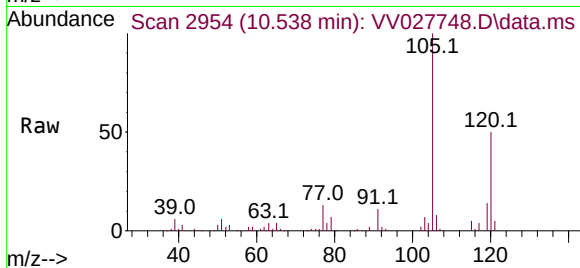
VSTD005284

Tgt Ion:105 Resp: 67183

Ion Ratio Lower Upper

105 100

120 50.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.747 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027748.D

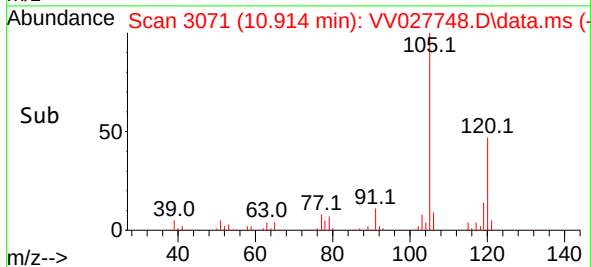
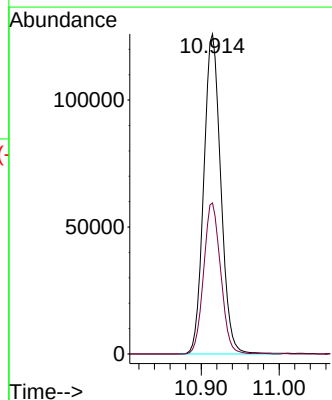
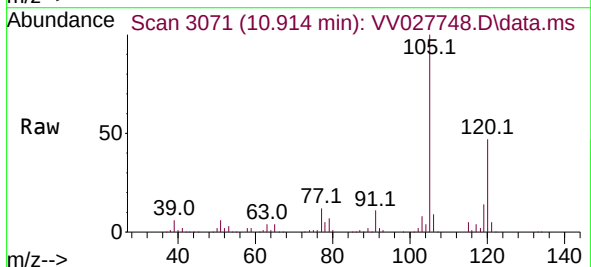
Acq: 06 Sep 2022 17:38

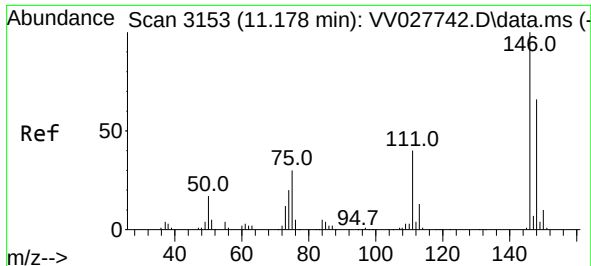
Tgt Ion:105 Resp: 191181

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.0

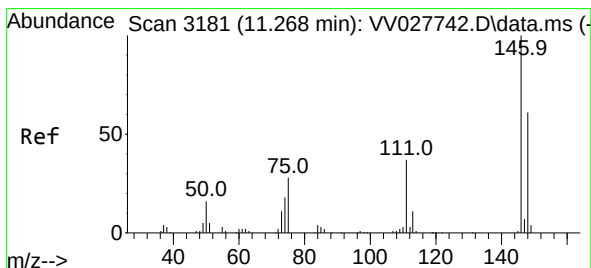
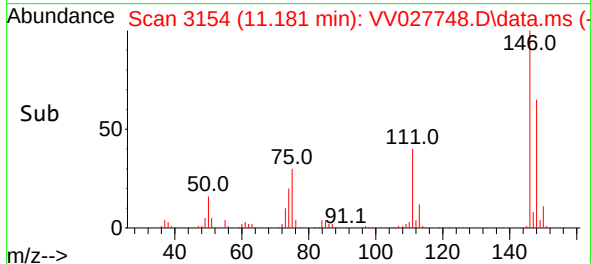
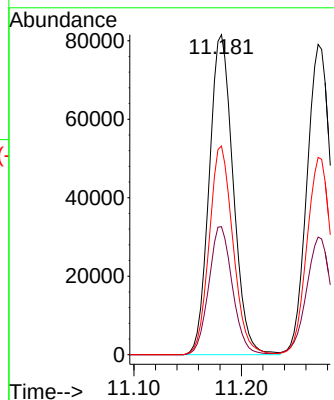
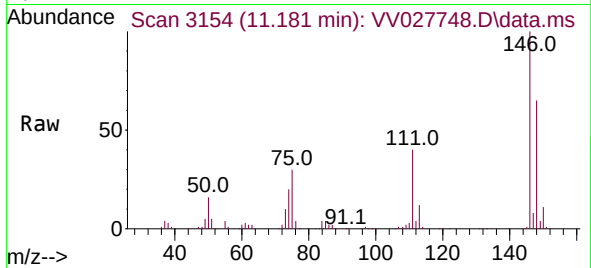




#64
1,3-Dichlorobenzene
Concen: 4.955 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

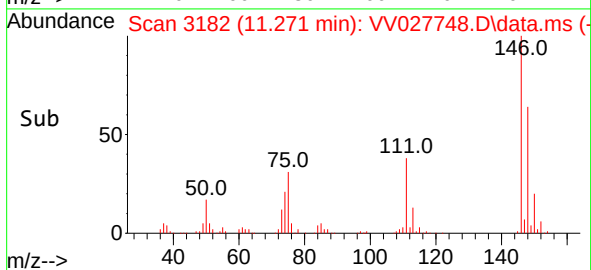
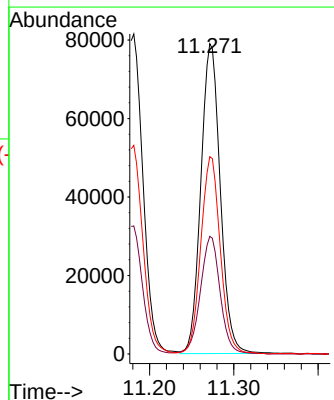
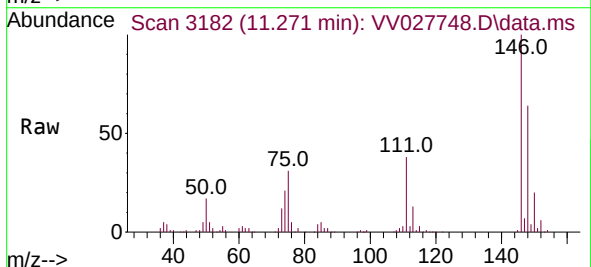
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

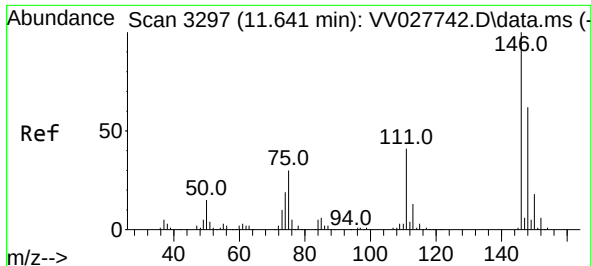
Tgt Ion:146 Resp: 126221
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.9
148 65.2 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 4.937 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion:146 Resp: 126747
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.6 42.8 79.4

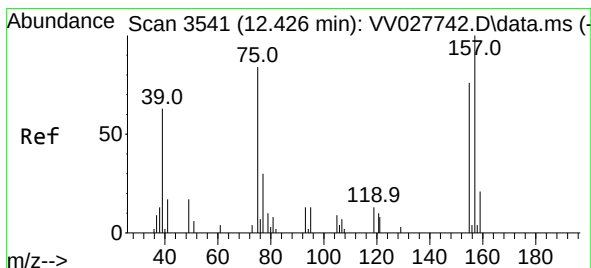
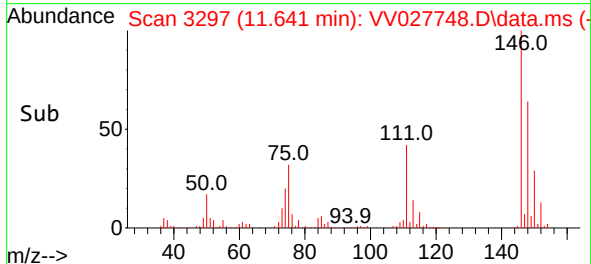
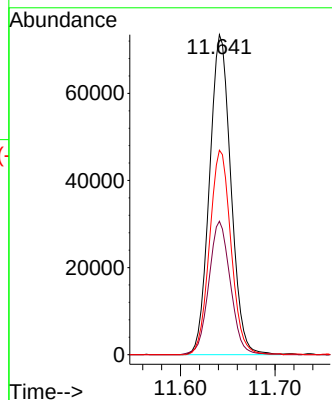
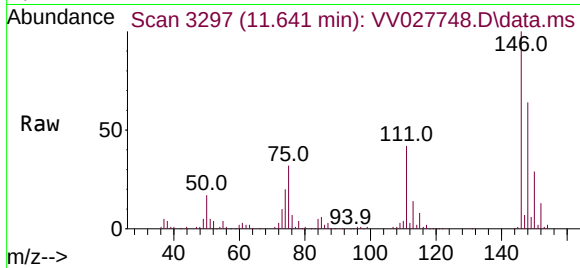




#67
1,2-Dichlorobenzene
Concen: 4.991 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

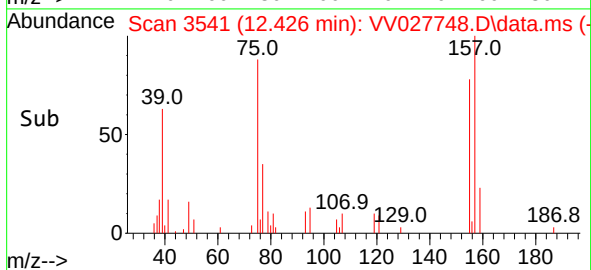
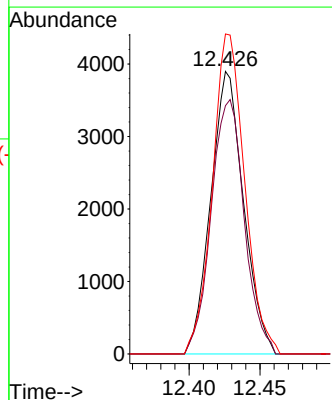
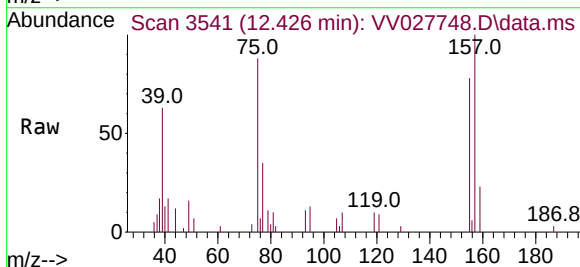
Instrument :
MSVOA_V
ClientSampleId :
VSTD005284

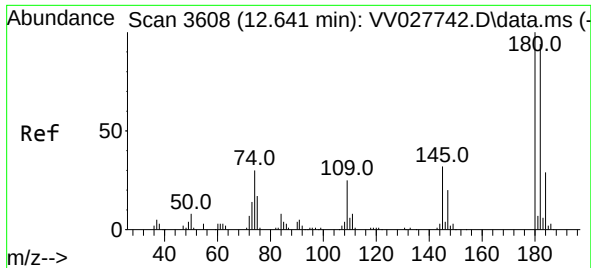
Tgt Ion:	146	Resp:	115456
Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.1	49.7
148	63.9	49.8	74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.587 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027748.D
Acq: 06 Sep 2022 17:38

Tgt Ion:	75	Resp:	6270
Ion	Ratio	Lower	Upper
75	100		
155	87.9	71.9	107.9
157	113.2	95.1	142.7





#69

1,3,5-Trichlorobenzene

Concen: 4.851 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

Tgt Ion:180 Resp: 93626

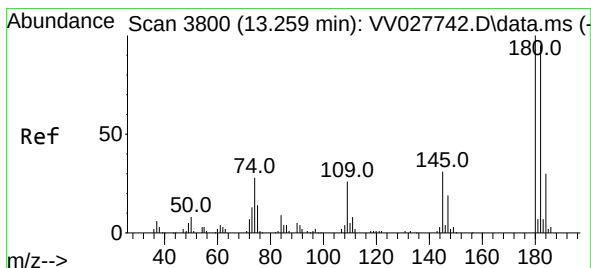
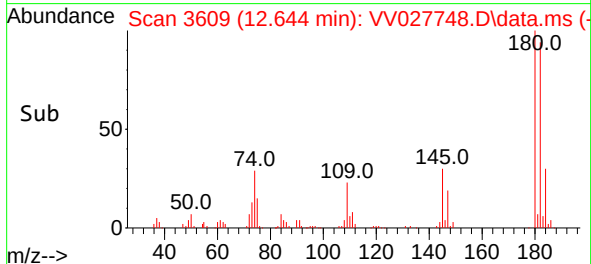
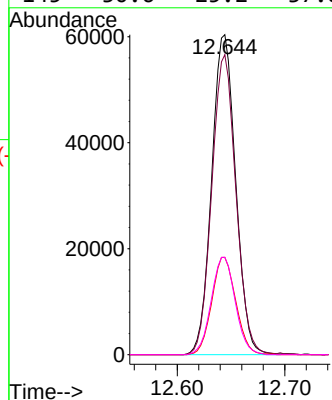
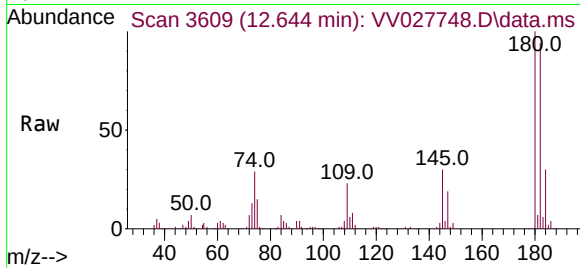
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

184 30.4 23.8 35.6

145 30.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.557 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

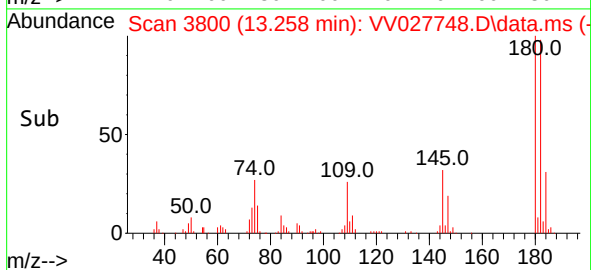
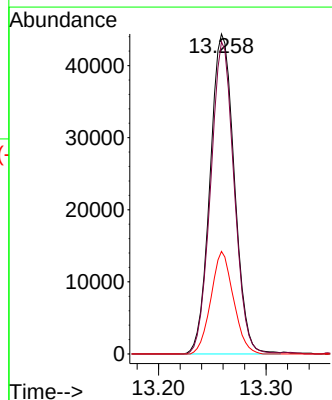
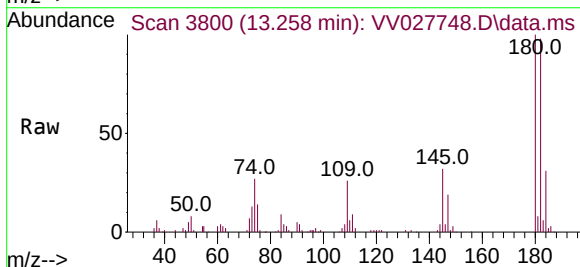
Tgt Ion:180 Resp: 69542

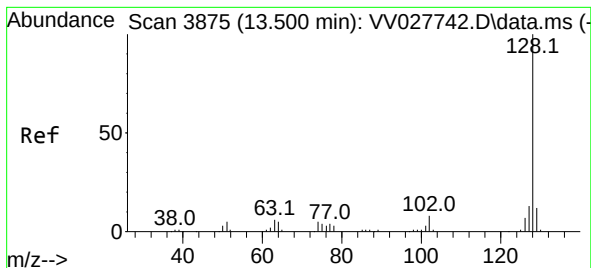
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

145 29.7 24.6 37.0





#71

Naphthalene

Concen: 4.157 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005284

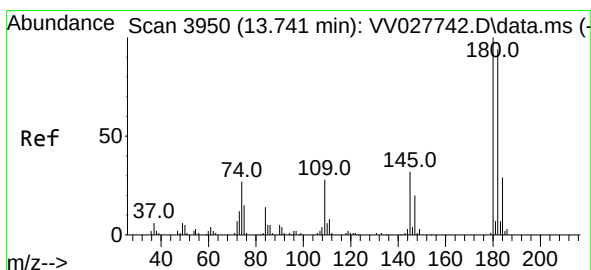
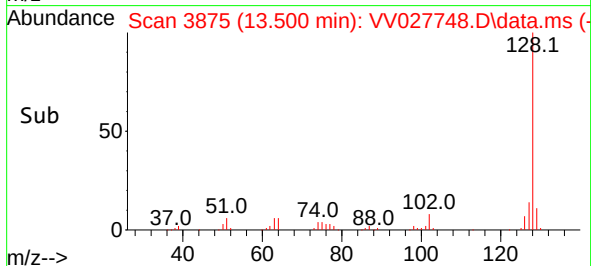
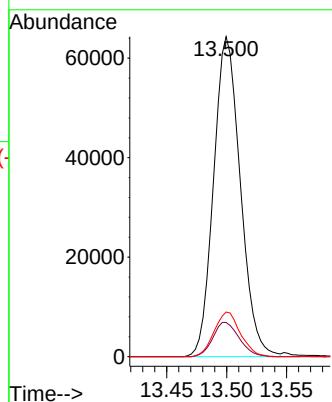
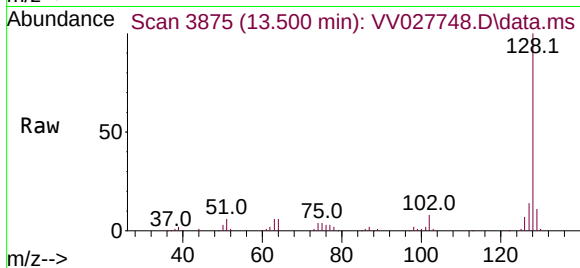
Tgt Ion:128 Resp: 99637

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

127 13.7 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.595 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027748.D

Acq: 06 Sep 2022 17:38

Tgt Ion:180 Resp: 62469

Ion Ratio Lower Upper

180 100

182 94.6 76.5 114.7

145 32.6 26.5 39.7

