

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027217.D
 Acq On : 05 Aug 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:54:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	356095	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.847	117	362390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	200780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87472	36.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.558	69	68140	38.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.780%
11) 1,1-Dichloroethene-d2	2.101	63	182050	40.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.000%
21) 2-Butanone-d5	3.867	46	195907	90.655	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.650%
24) Chloroform-d	4.336	84	222284	44.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.021	65	133749	43.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
32) Benzene-d6	5.040	84	354496	40.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.580%
36) 1,2-Dichloropropane-d6	6.059	67	129893	42.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	7.310	98	302639	40.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	7.616	79	57367	42.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.160%
47) 2-Hexanone-d5	8.082	63	130684	87.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.770%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	225991	44.860	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	11.622	152	144745	41.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	160686	50.725	ug/L	98
3) Chloromethane	1.233	50	171900	47.501	ug/L	98
5) Vinyl chloride	1.304	62	172390	47.818	ug/L	100
6) Bromomethane	1.513	94	78385	46.122	ug/L	99
8) Chloroethane	1.574	64	98141	48.865	ug/L	100
9) Trichlorofluoromethane	1.744	101	233402	50.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	134701	52.515	ug/L	98
12) 1,1-Dichloroethene	2.108	96	119211	48.315	ug/L	84
13) Acetone	2.159	43	218628	131.203	ug/L	86
14) Carbon disulfide	2.285	76	411506	49.003	ug/L	99
15) Methyl Acetate	2.420	43	169637	44.759	ug/L	# 83
16) Methylene chloride	2.497	84	158036	47.950	ug/L	87
17) trans-1,2-Dichloroethene	2.751	96	134804	49.371	ug/L	90
18) Methyl tert-butyl Ether	2.761	73	402829	49.605	ug/L	# 94
19) 1,1-Dichloroethane	3.179	63	269334	49.137	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	141456	49.871	ug/L	87
22) 2-Butanone	3.950	43	258674	113.230	ug/L	99
23) Bromochloromethane	4.236	128	79259	50.039	ug/L	85
25) Chloroform	4.362	83	279533	50.463	ug/L	99

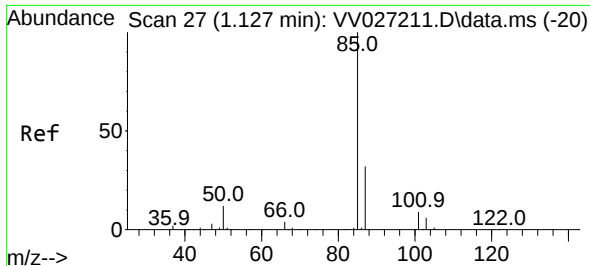
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
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 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	217859	50.498	ug/L	96
29) Cyclohexane	4.667	56	215250	51.575	ug/L	93
30) 1,1,1-Trichloroethane	4.596	97	239532	49.868	ug/L	96
31) Carbon tetrachloride	4.815	117	211587	50.738	ug/L	99
33) Benzene	5.088	78	589702	50.638	ug/L	100
34) Trichloroethene	5.905	95	144047	48.308	ug/L	94
35) Methylcyclohexane	6.124	83	230830	52.645	ug/L	91
37) 1,2-Dichloropropane	6.166	63	158071	48.451	ug/L	99
38) Bromodichloromethane	6.500	83	204329	47.799	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	208978	48.357	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	447457	96.139	ug/L #	91
42) Toluene	7.381	91	616463	52.064	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	214796	50.577	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	150878	47.982	ug/L	97
46) Tetrachloroethene	7.969	164	109948	50.378	ug/L	98
48) 2-Hexanone	8.133	43	379595	102.404	ug/L #	90
49) Dibromochloromethane	8.239	129	162477	48.881	ug/L	100
50) 1,2-Dibromoethane	8.346	107	154861	47.863	ug/L	99
51) Chlorobenzene	8.876	112	385601	48.552	ug/L	97
52) Ethylbenzene	9.008	91	625547	51.200	ug/L	99
53) m,p-Xylene	9.133	106	248953	53.916	ug/L	94
54) o-Xylene	9.538	106	232326	51.645	ug/L	94
55) Styrene	9.558	104	442440	55.832	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	249664	47.395	ug/L	100
59) Bromoform	9.728	173	105479	44.217	ug/L	99
60) Isopropylbenzene	9.927	105	611268	48.310	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	201697	43.757	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	511043	48.907	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	516972	50.503	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	298109	48.611	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	306586	47.504	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	300478	46.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	53220	41.154	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	199413	48.414	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	162240	47.425	ug/L	99
71) Naphthalene	13.500	128	510060	43.543	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	185244	48.854	ug/L	99

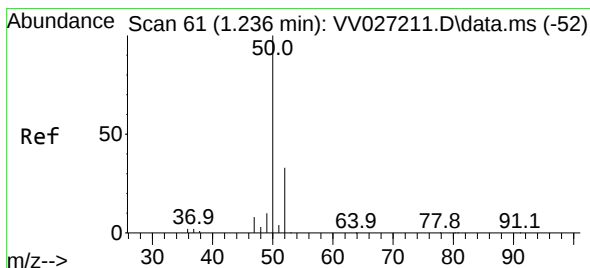
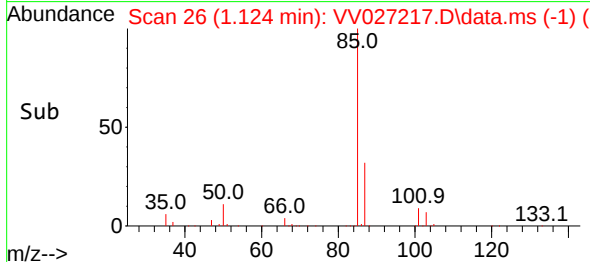
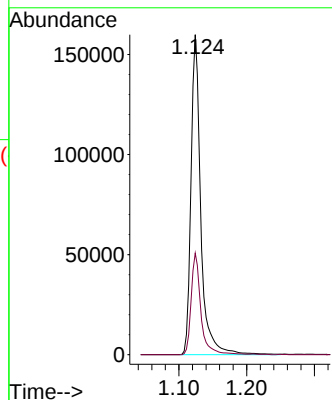
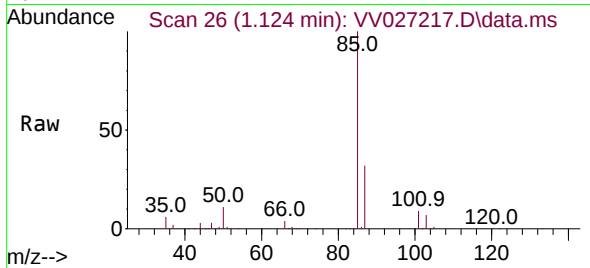
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 50.725 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

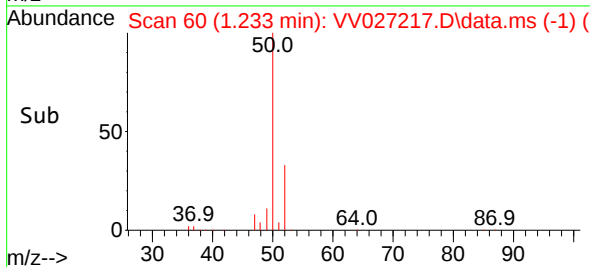
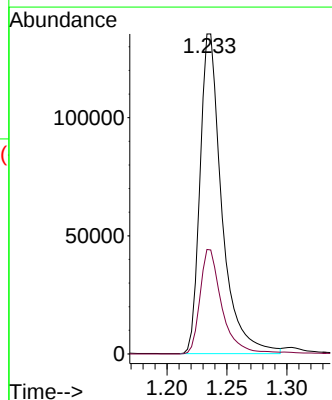
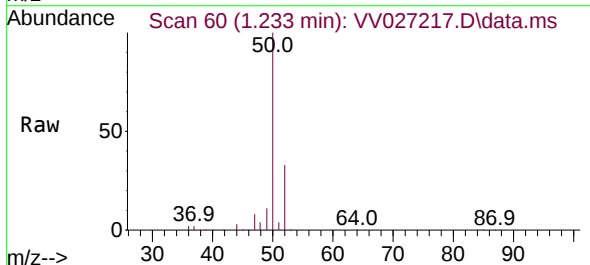
Instrument :
 MSVOA_V
 ClientSampleId :

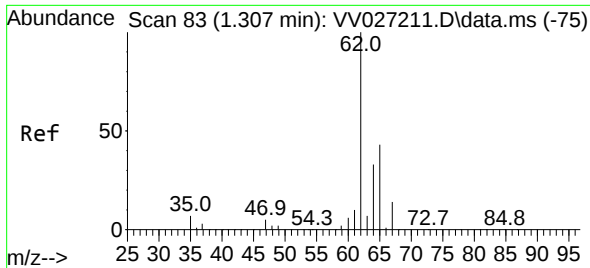
Tgt Ion: 85 Resp: 160686
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.1 39.1



#3
 Chloromethane
 Concen: 47.501 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

Tgt Ion: 50 Resp: 171900
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.5 43.7

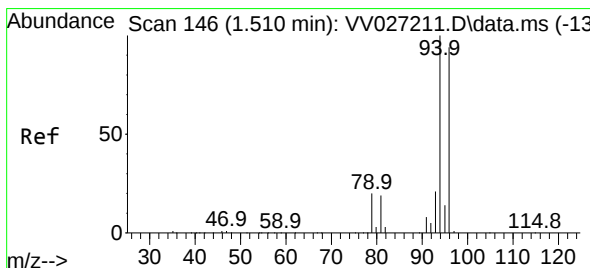
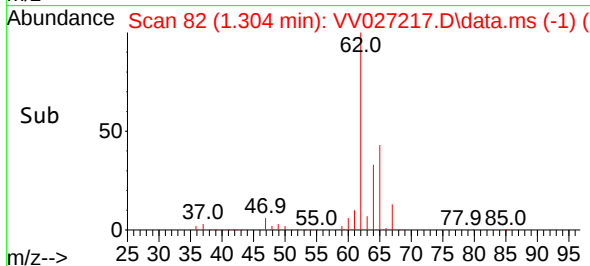
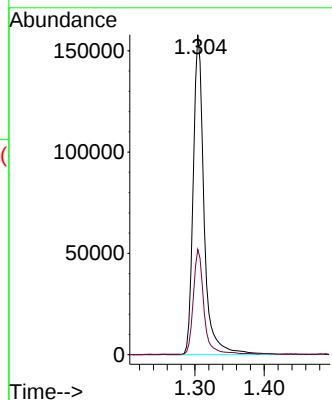
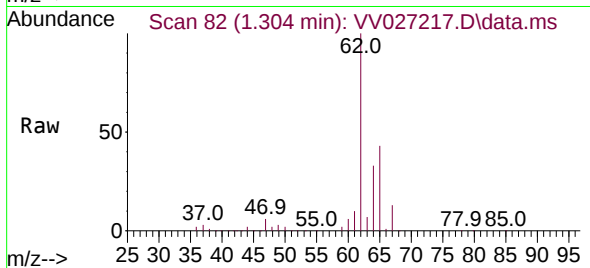




#5
 Vinyl chloride
 Concen: 47.818 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

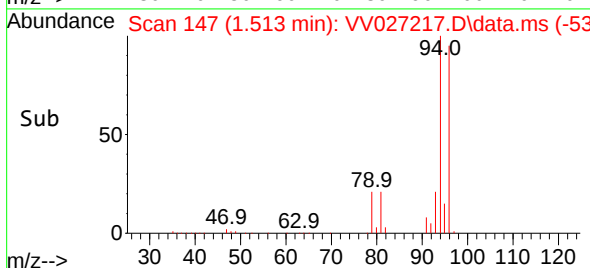
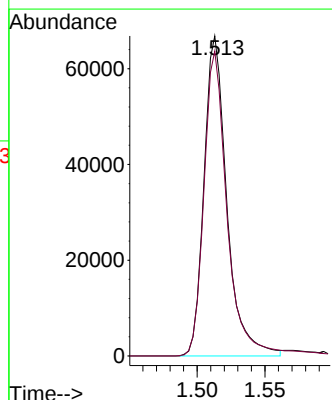
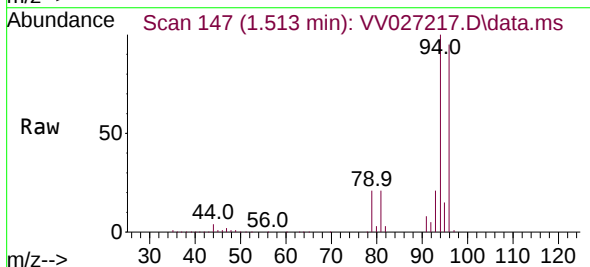
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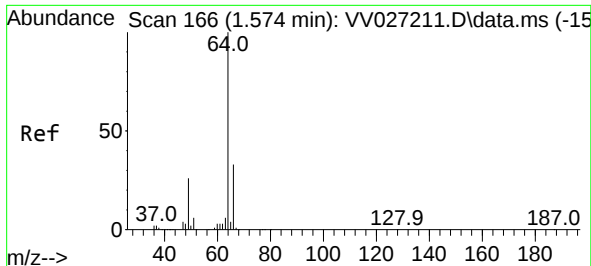
Tgt Ion: 62 Resp: 172390
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 46.122 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

Tgt Ion: 94 Resp: 78385
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.1 122.8

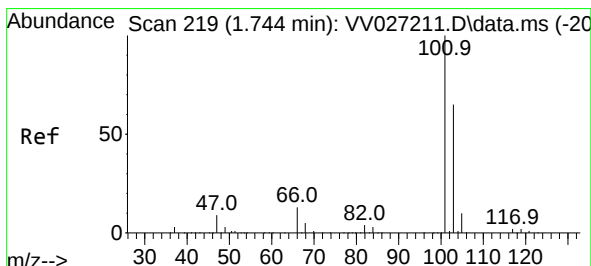
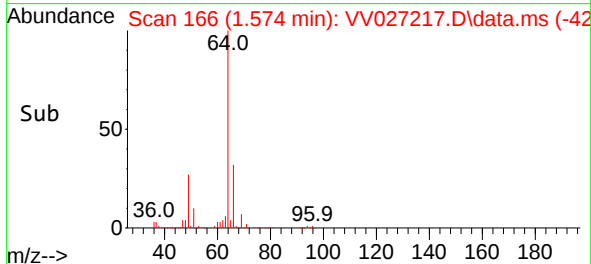
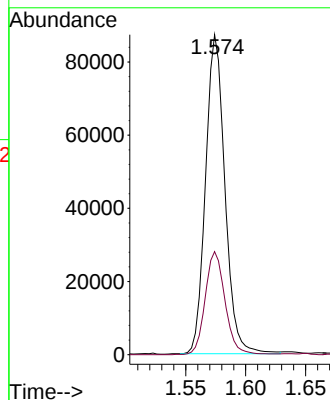
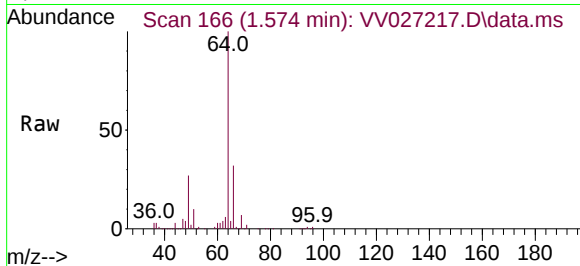




#8
Chloroethane
Concen: 48.865 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

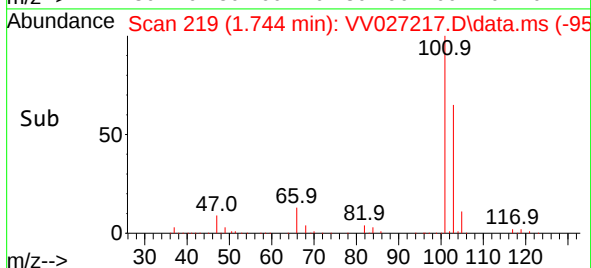
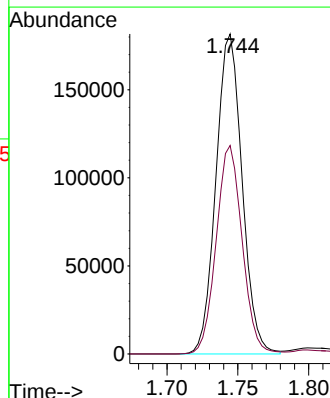
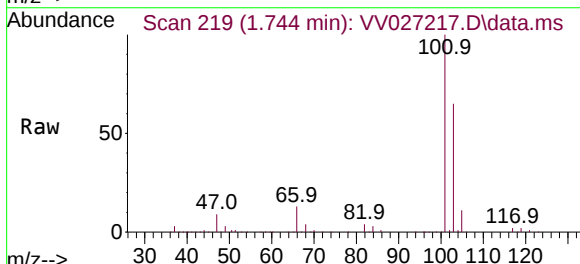
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ClientSampleId :

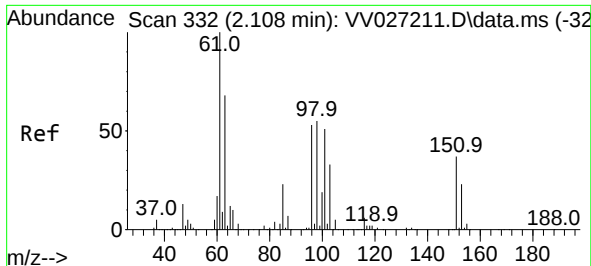
Tgt Ion: 64 Resp: 98141
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.458 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 101 Resp: 233402
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

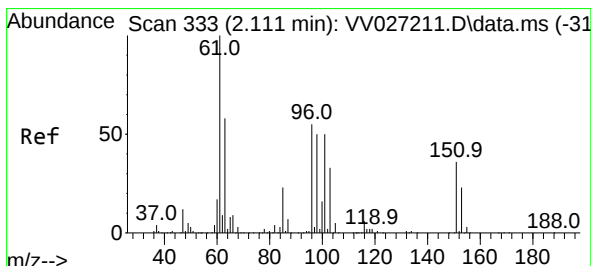
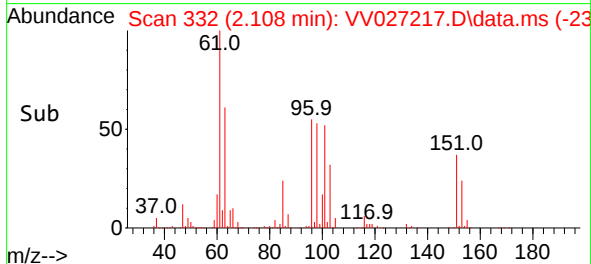
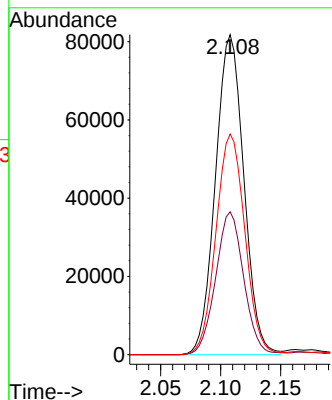
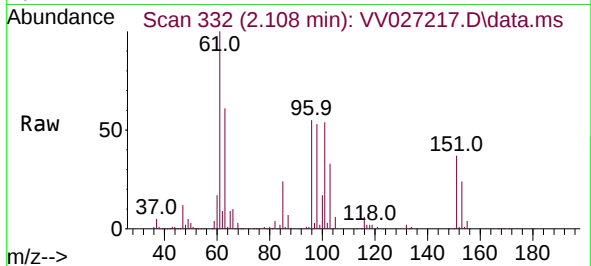




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.515 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

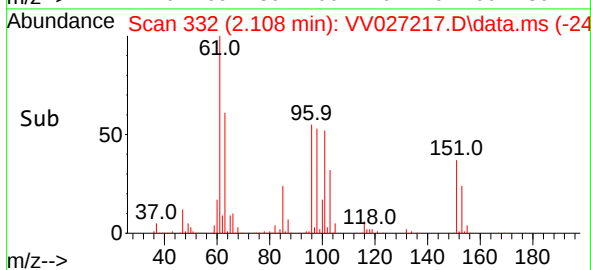
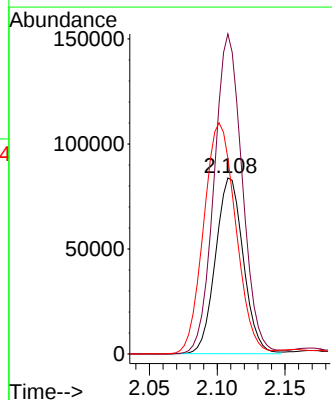
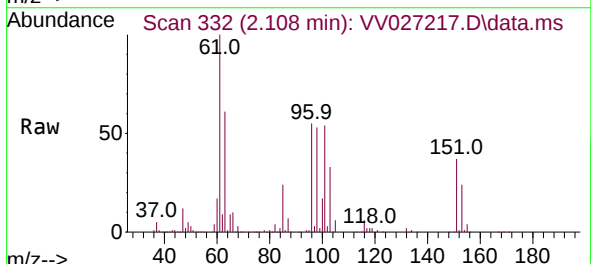
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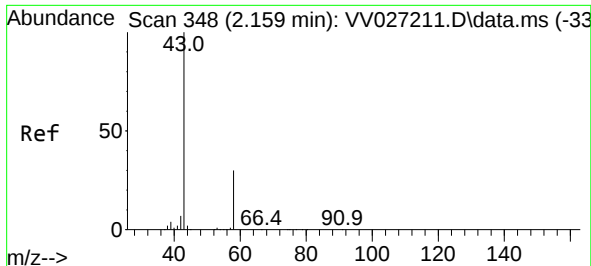
Tgt Ion:101 Resp: 134701
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.1 51.1
 151 70.3 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 48.315 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

Tgt Ion: 96 Resp: 119211
 Ion Ratio Lower Upper
 96 100
 61 181.9 114.3 212.3
 63 111.2 93.4 173.4





#13

Acetone

Concen: 131.203 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

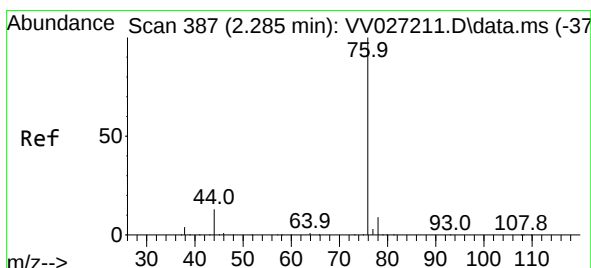
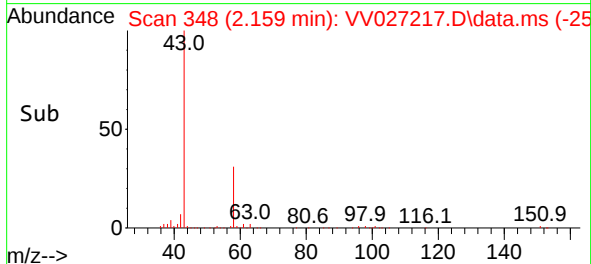
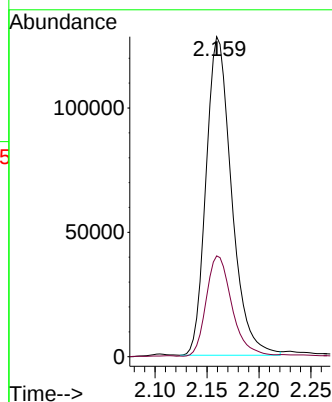
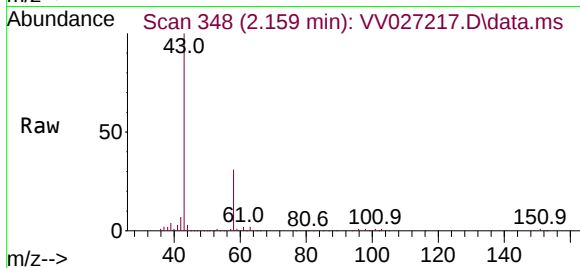
ClientSampleId :

Tgt Ion: 43 Resp: 218628

Ion Ratio Lower Upper

43 100

58 31.6 0.0 49.6



#14

Carbon disulfide

Concen: 49.003 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027217.D

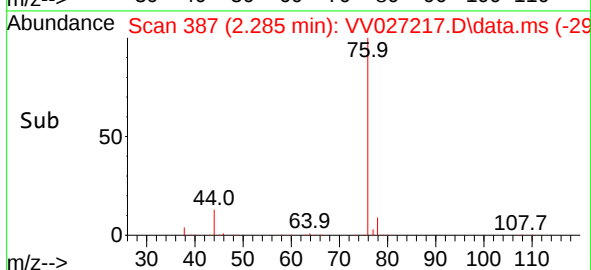
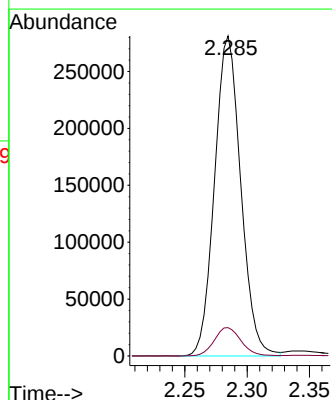
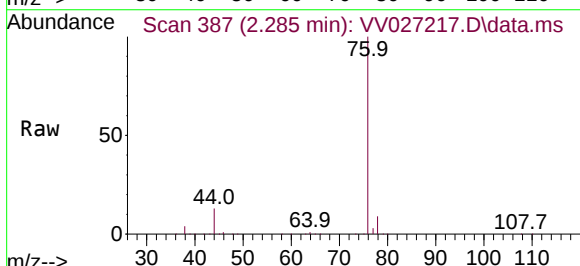
Acq: 05 Aug 2022 09:38

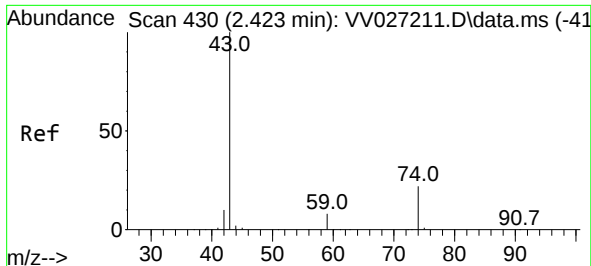
Tgt Ion: 76 Resp: 411506

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

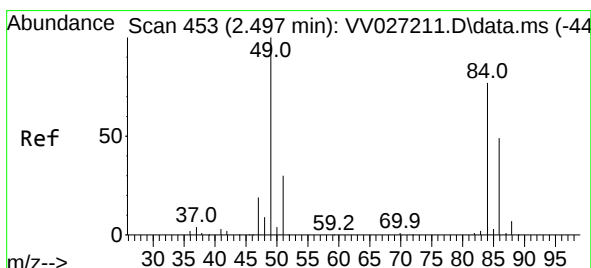
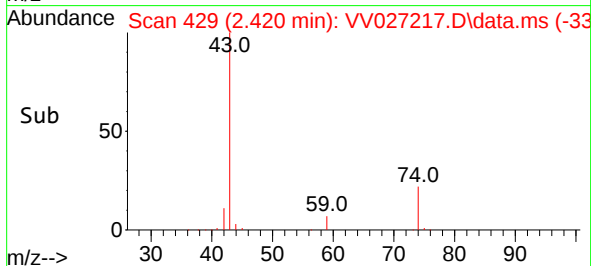
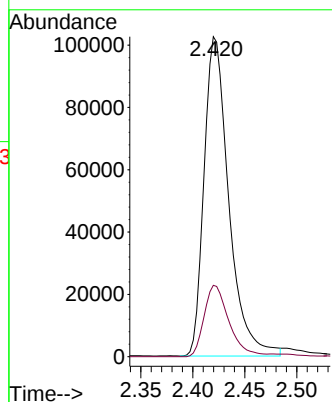
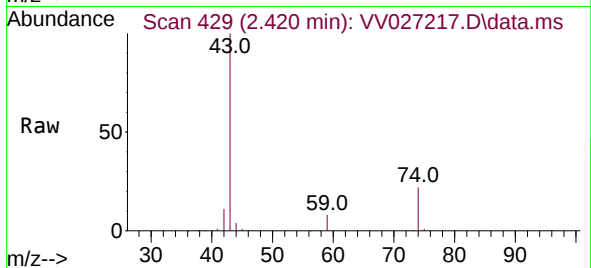




#15
Methyl Acetate
Concen: 44.759 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

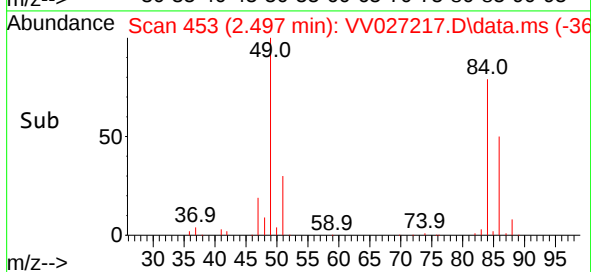
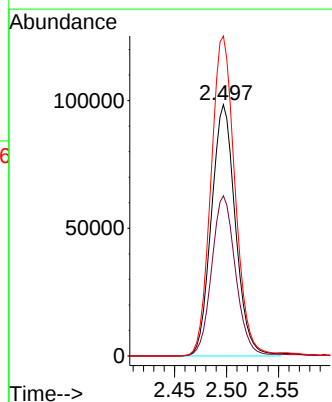
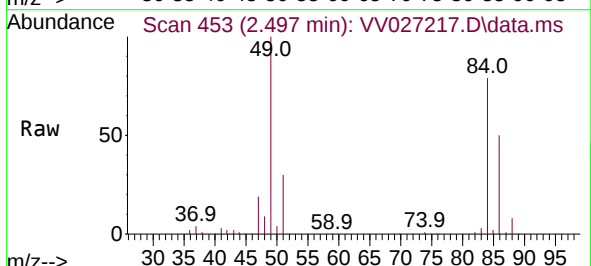
Instrument :
MSVOA_V
ClientSampleId :

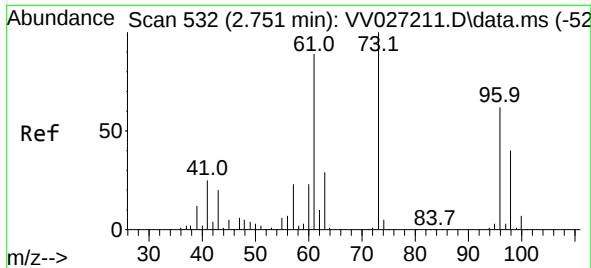
Tgt Ion: 43 Resp: 169637
Ion Ratio Lower Upper
43 100
74 22.4 25.5 38.3#



#16
Methylene chloride
Concen: 47.950 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 84 Resp: 158036
Ion Ratio Lower Upper
84 100
86 63.7 45.0 83.6
49 127.3 74.1 137.7

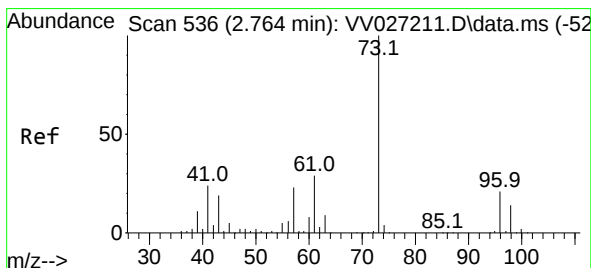
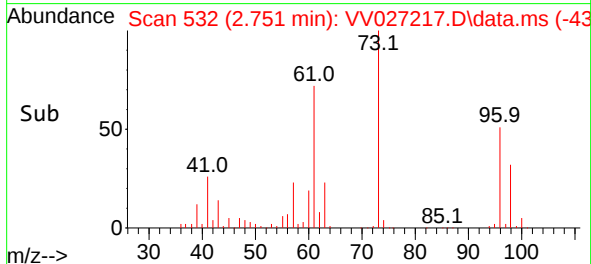
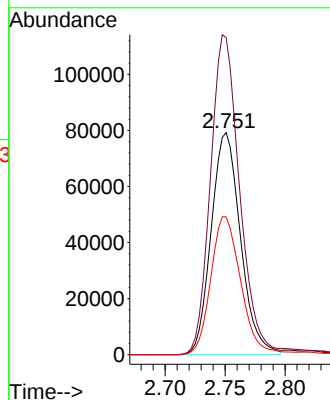
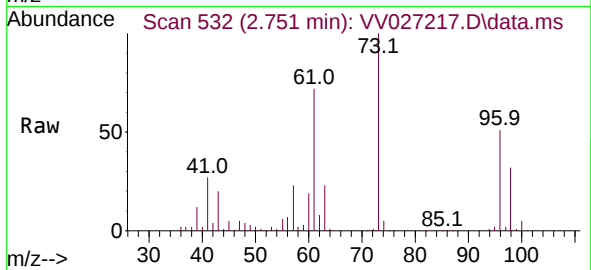




#17
trans-1,2-Dichloroethene
Concen: 49.371 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

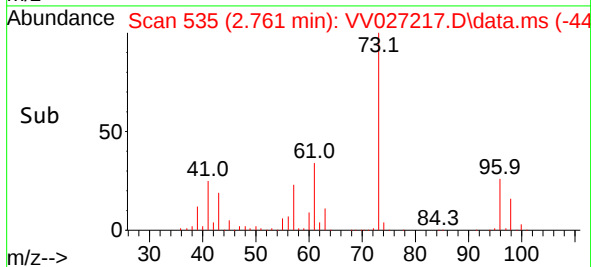
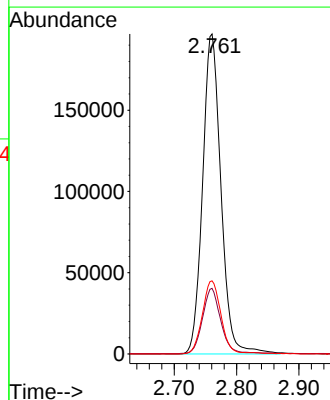
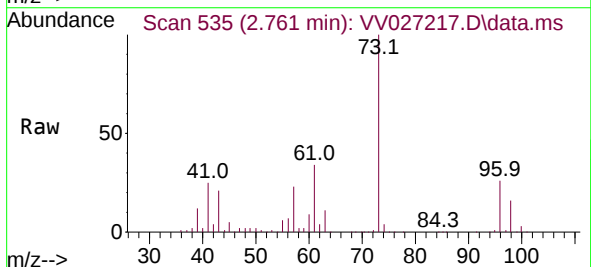
Instrument :
MSVOA_V
ClientSampleId :

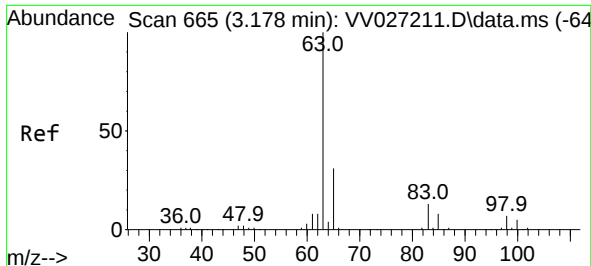
Tgt Ion: 96 Resp: 134804
Ion Ratio Lower Upper
96 100
61 142.9 89.2 165.6
98 62.1 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 49.605 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 73 Resp: 402829
Ion Ratio Lower Upper
73 100
43 20.3 12.6 18.8#
57 23.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.137 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

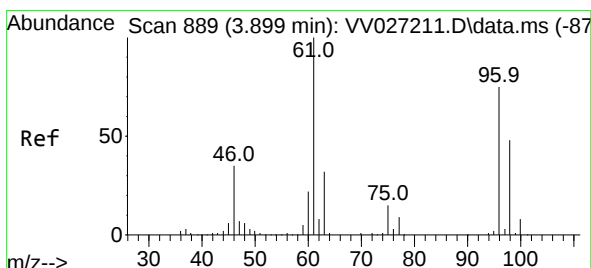
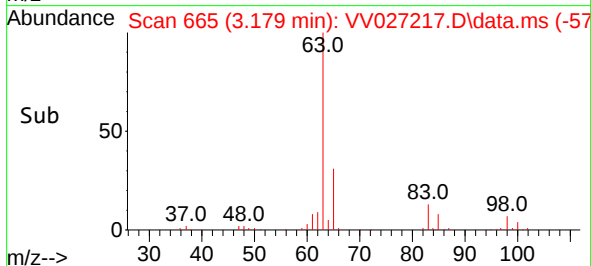
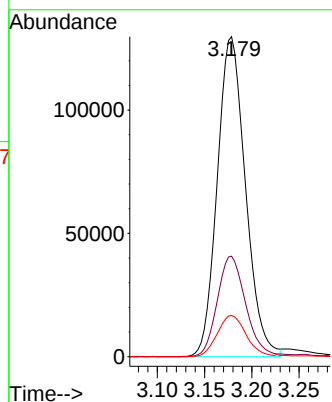
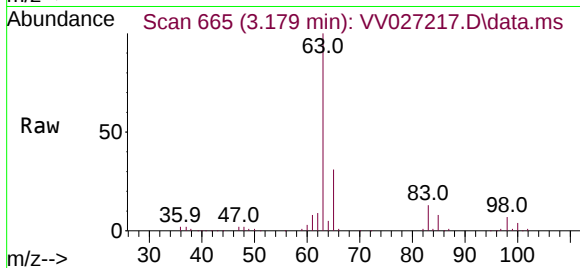
Tgt Ion: 63 Resp: 269334

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.3

83 12.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.871 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

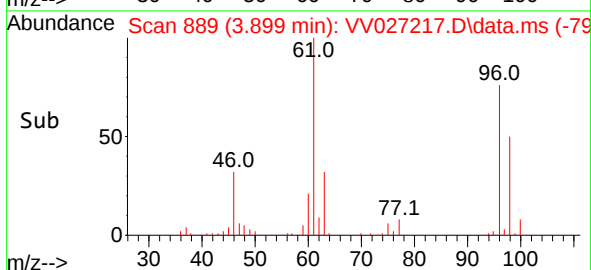
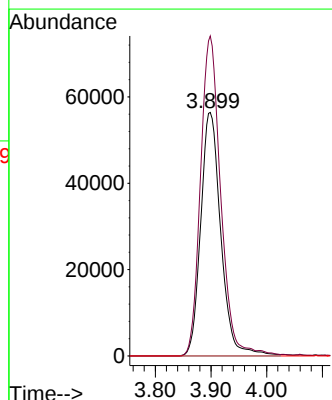
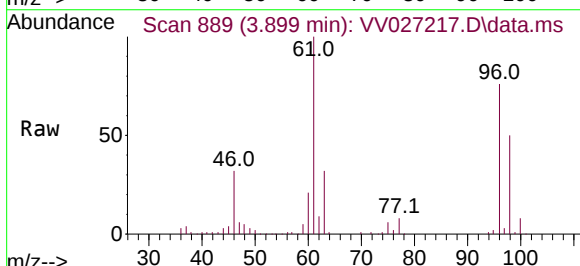
Tgt Ion: 96 Resp: 141456

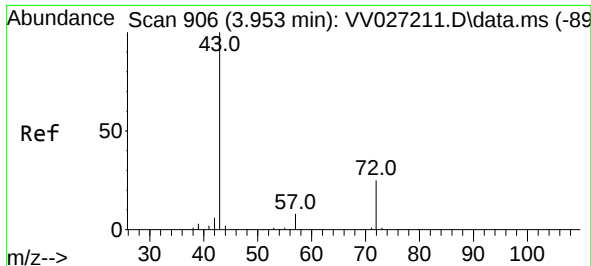
Ion Ratio Lower Upper

96 100

61 131.4 81.8 151.8

68 0.0 0.0 0.0

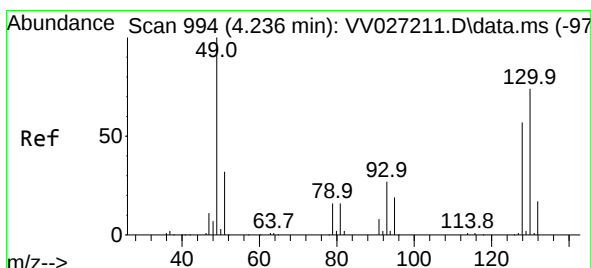
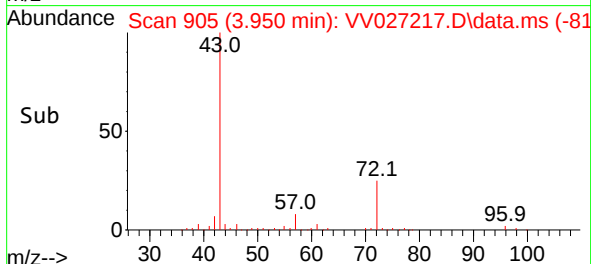
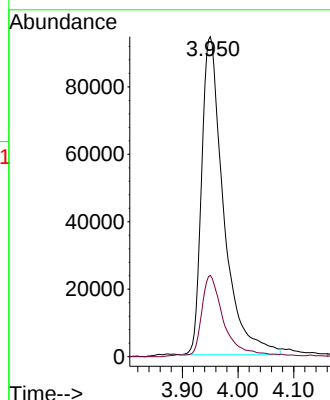
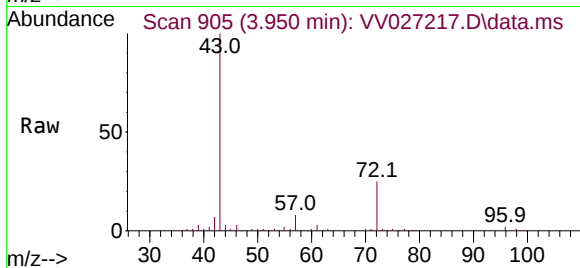




#22
2-Butanone
Concen: 113.230 ug/L
RT: 3.950 min Scan# 906
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

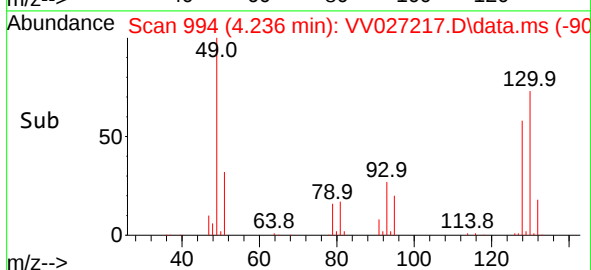
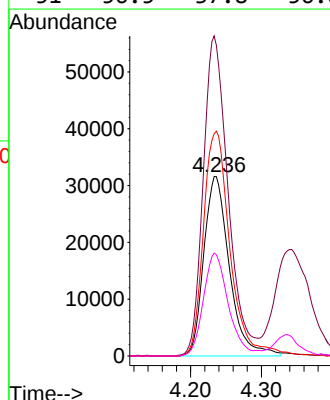
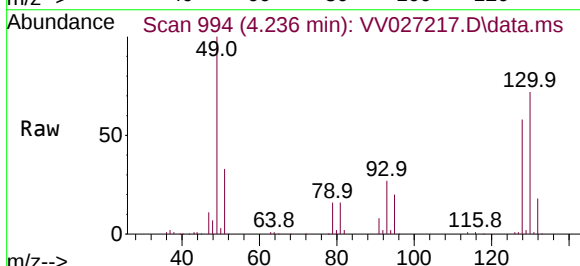
Instrument :
MSVOA_V
ClientSampleId :

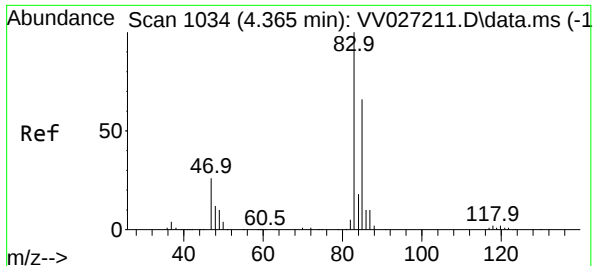
Tgt Ion: 43 Resp: 258674
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.7



#23
Bromochloromethane
Concen: 50.039 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 128 Resp: 79259
Ion Ratio Lower Upper
128 100
49 173.2 98.7 183.3
130 125.3 89.5 166.1
51 56.5 37.8 56.8





#25

Chloroform

Concen: 50.463 ug/L

RT: 4.362 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

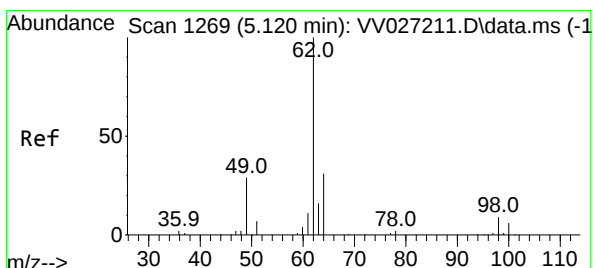
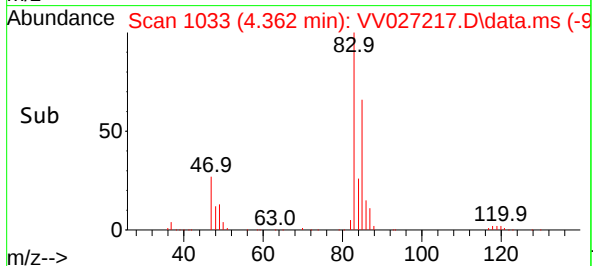
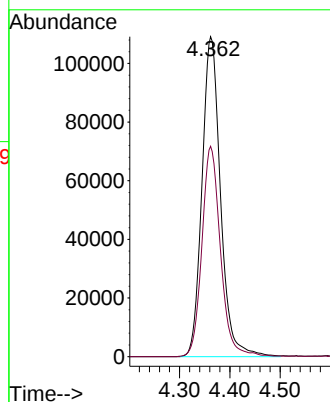
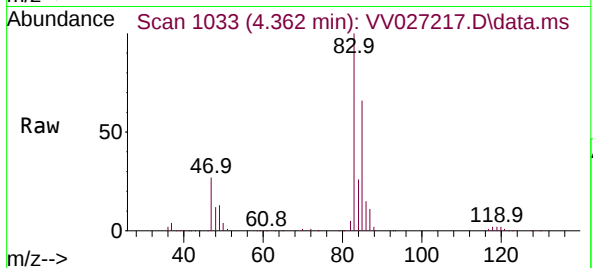
ClientSampleId :

Tgt Ion: 83 Resp: 279533

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 50.498 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. -0.003 min

Lab File: VV027217.D

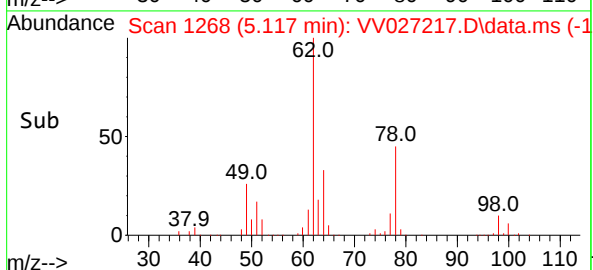
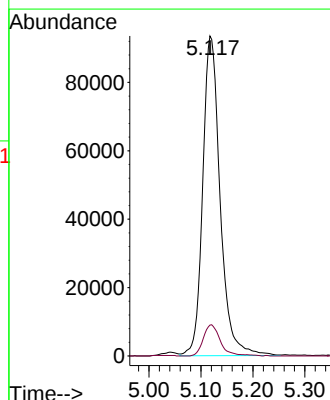
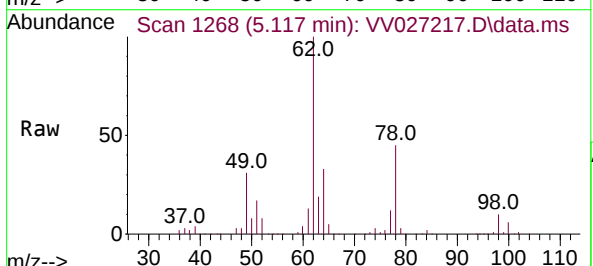
Acq: 05 Aug 2022 09:38

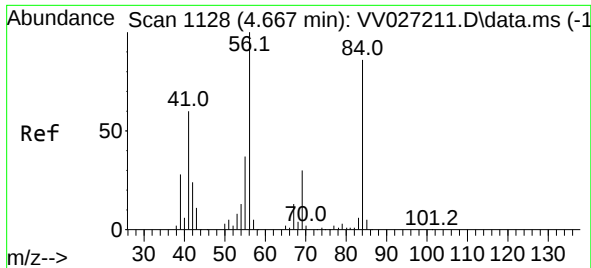
Tgt Ion: 62 Resp: 217859

Ion Ratio Lower Upper

62 100

98 9.7 9.0 13.6

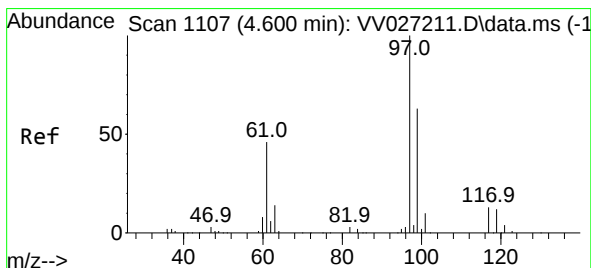
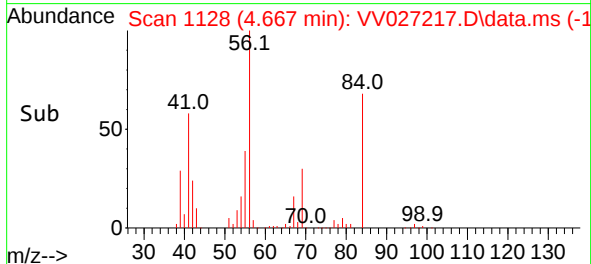
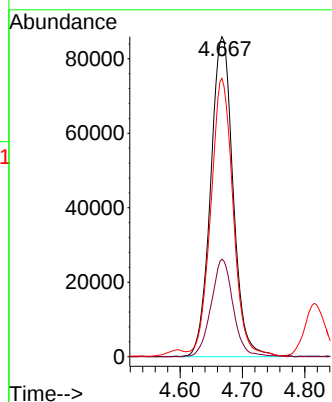
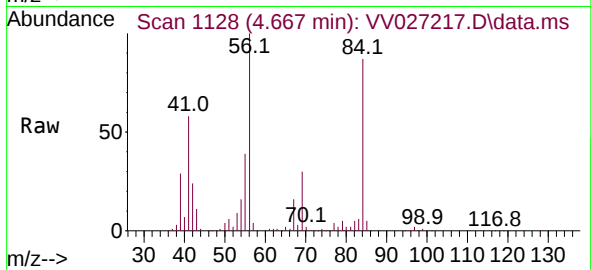




#29
Cyclohexane
Concen: 51.575 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

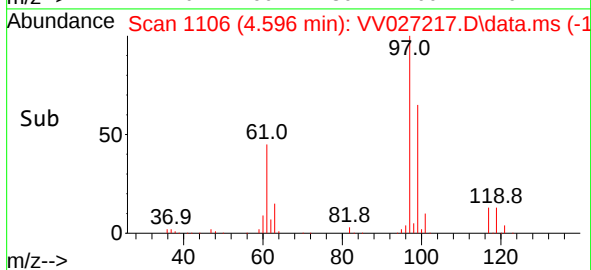
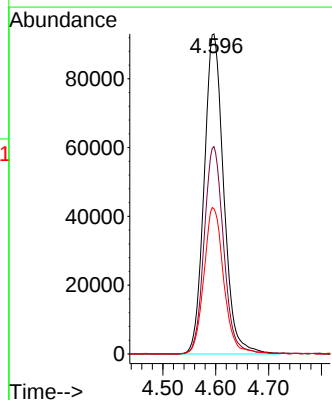
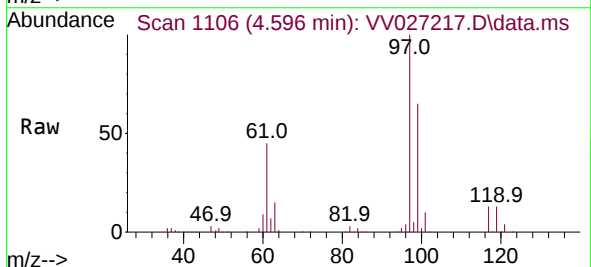
Instrument :
MSVOA_V
ClientSampleId :

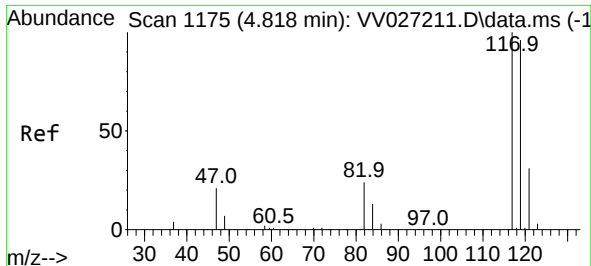
Tgt Ion: 56 Resp: 215250
Ion Ratio Lower Upper
56 100
69 29.9 25.9 38.9
84 86.6 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 49.868 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 97 Resp: 239532
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 46.3 32.1 48.1

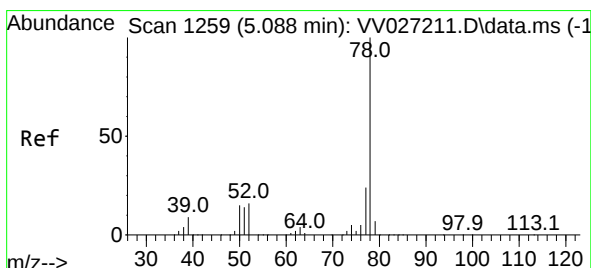
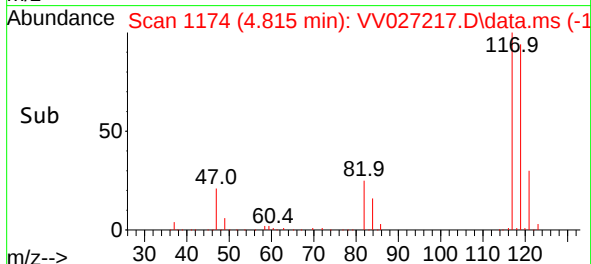
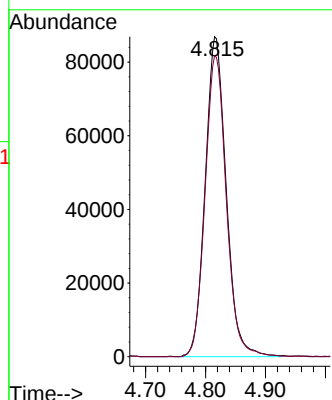
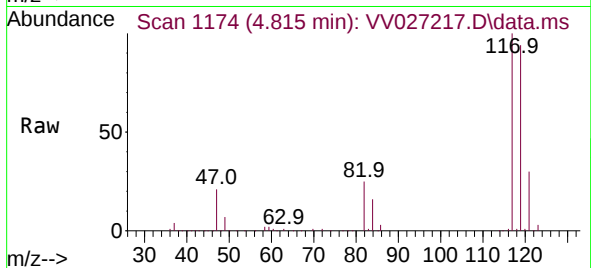




#31
Carbon tetrachloride
Concen: 50.738 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

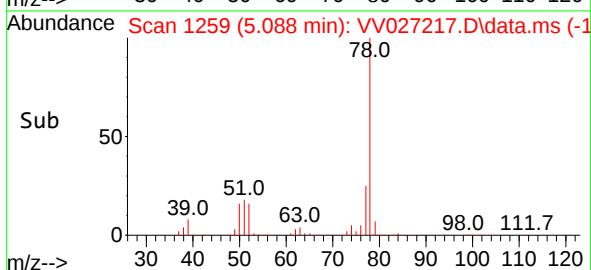
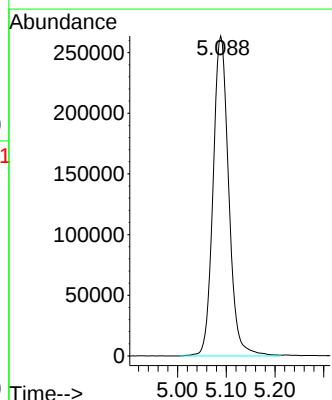
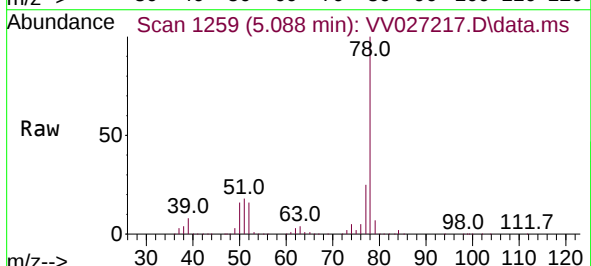
Instrument :
MSVOA_V
ClientSampleId :

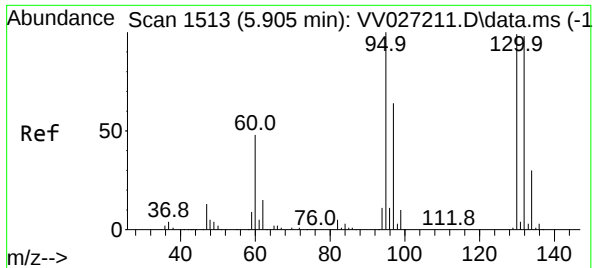
Tgt Ion:117 Resp: 211587
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.6



#33
Benzene
Concen: 50.638 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 78 Resp: 589702

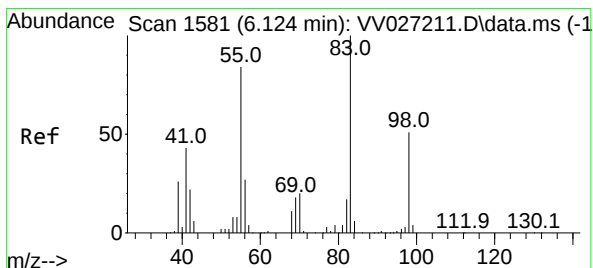
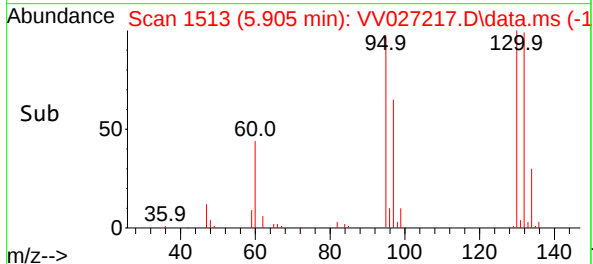
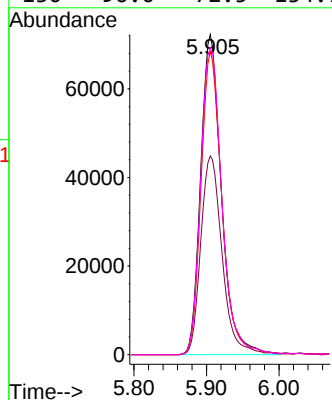
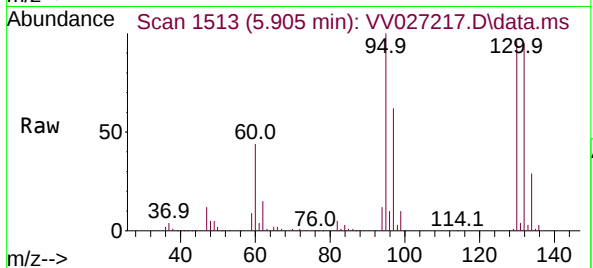




#34
Trichloroethene
Concen: 48.308 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

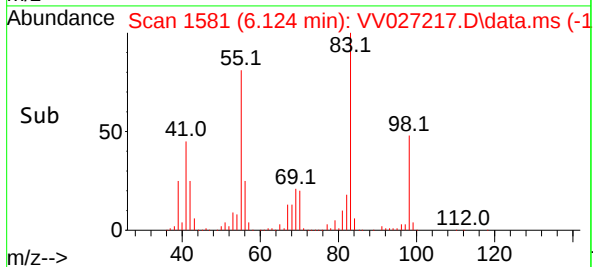
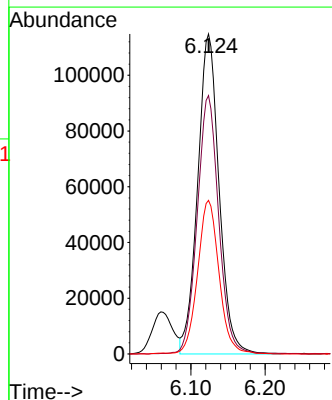
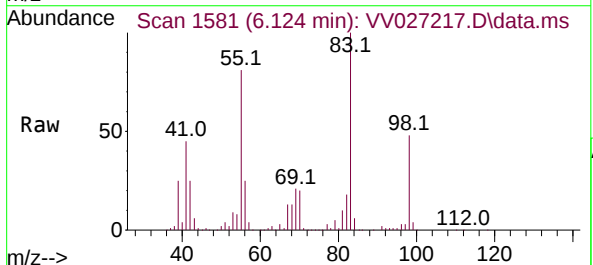
Instrument :
MSVOA_V
ClientSampleId :

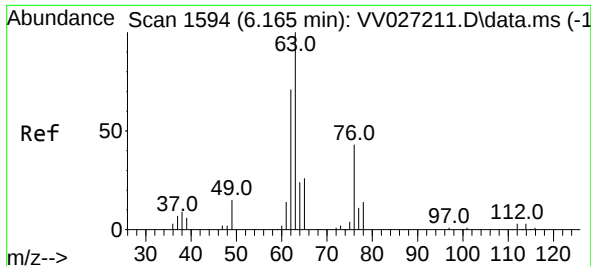
Tgt Ion: 95 Resp: 144047
Ion Ratio Lower Upper
95 100
97 62.1 45.9 85.3
132 94.7 69.8 129.6
130 96.0 72.5 134.7



#35
Methylcyclohexane
Concen: 52.645 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 83 Resp: 230830
Ion Ratio Lower Upper
83 100
55 80.8 55.5 83.3
98 47.9 39.0 58.4





#37

1,2-Dichloropropane

Concen: 48.451 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

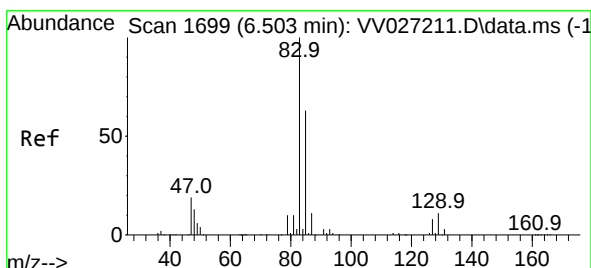
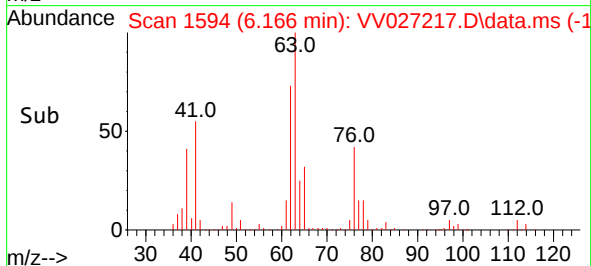
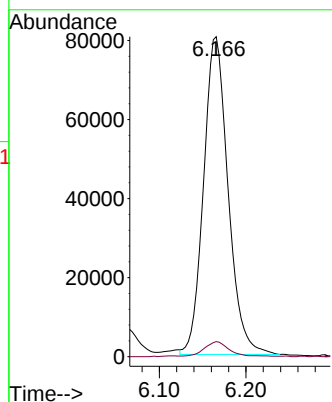
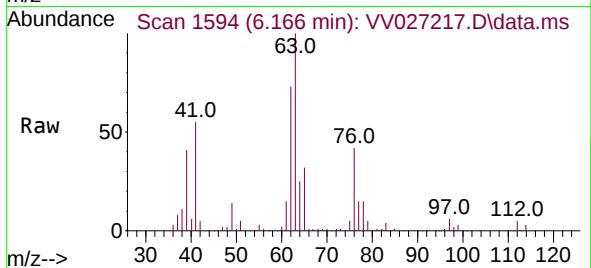
ClientSampleId :

Tgt Ion: 63 Resp: 158071

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 47.799 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

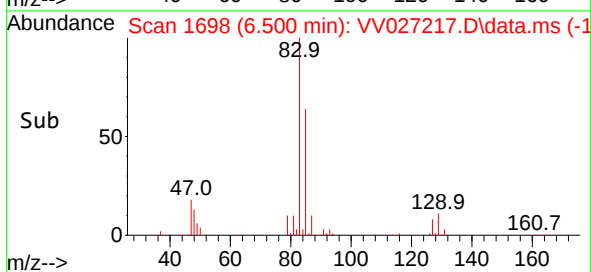
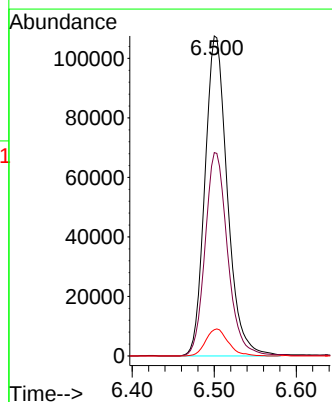
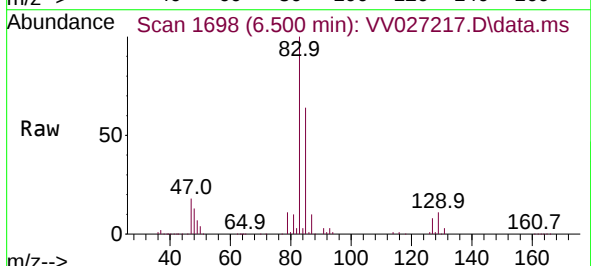
Tgt Ion: 83 Resp: 204329

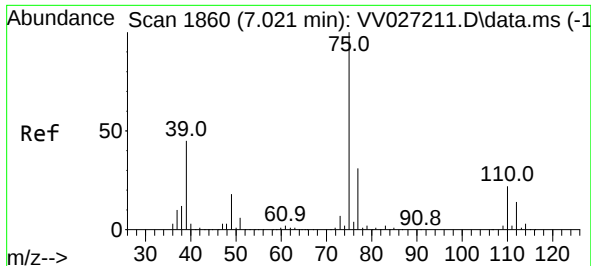
Ion Ratio Lower Upper

83 100

85 63.5 45.5 84.5

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 48.357 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

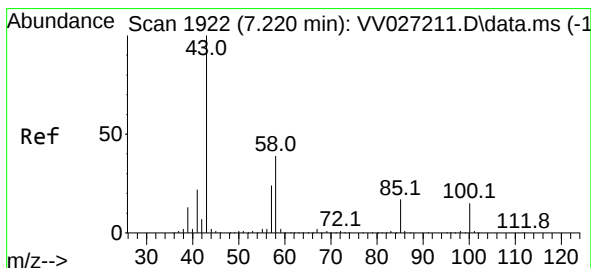
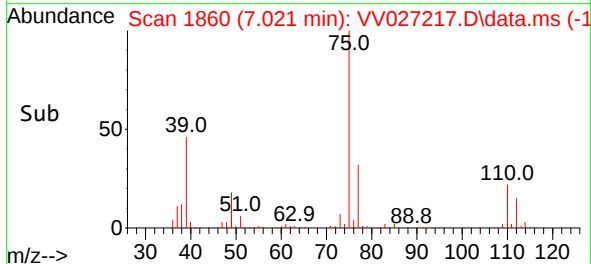
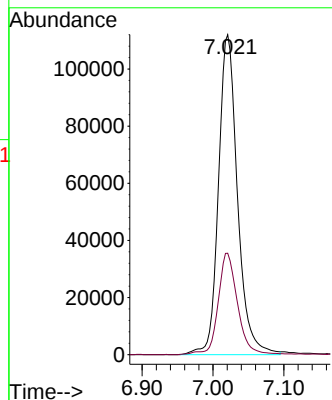
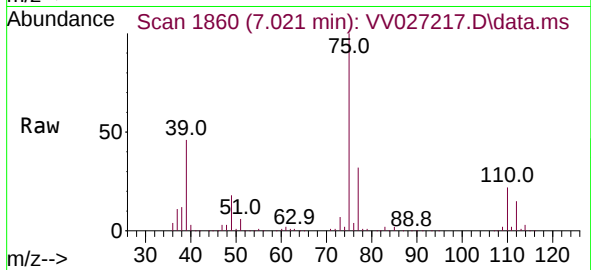
ClientSampleId :

Tgt Ion: 75 Resp: 208978

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 96.139 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

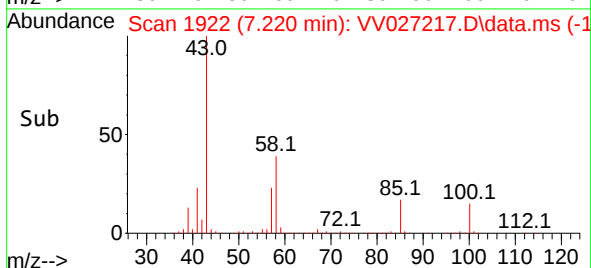
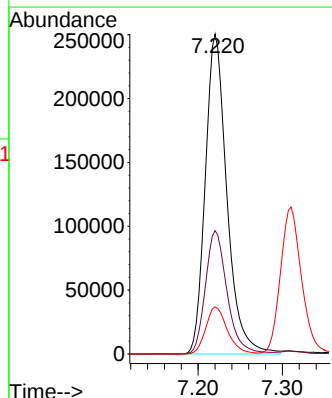
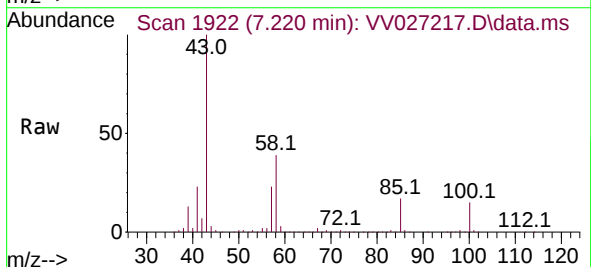
Tgt Ion: 43 Resp: 447457

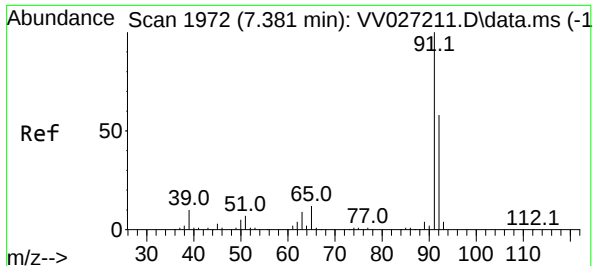
Ion Ratio Lower Upper

43 100

58 38.7 35.3 52.9

100 14.7 15.7 23.5





#42

Toluene

Concen: 52.064 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

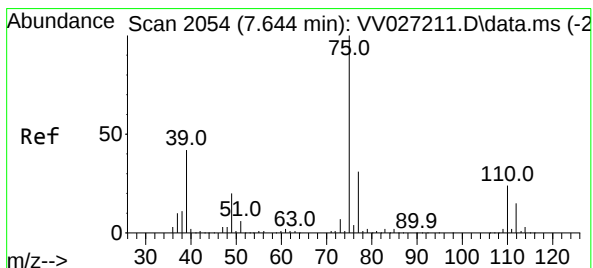
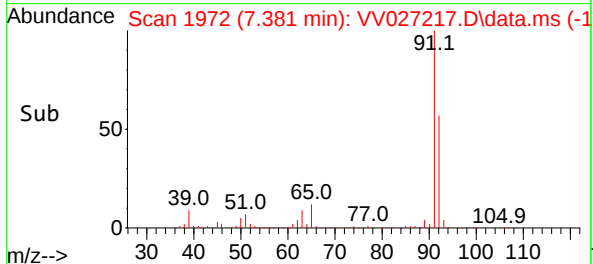
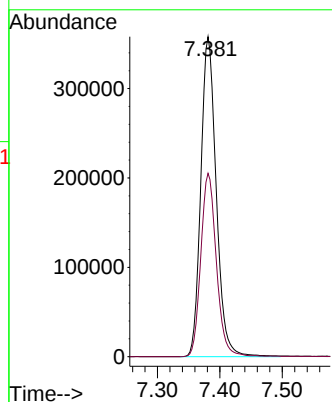
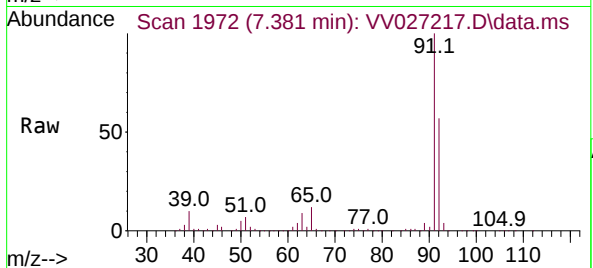
ClientSampleId :

Tgt Ion: 91 Resp: 616463

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 50.577 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV027217.D

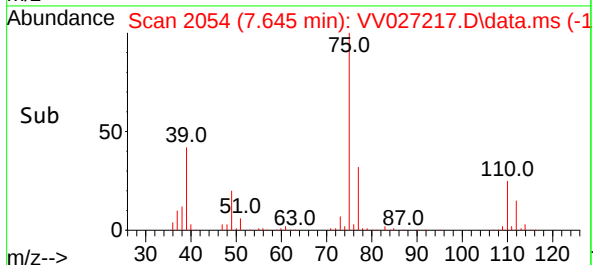
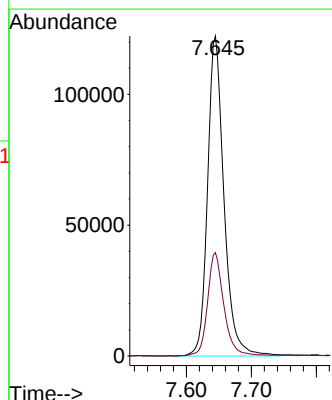
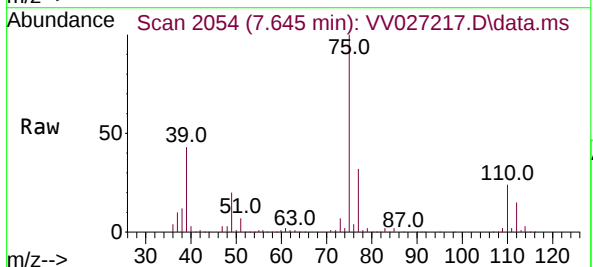
Acq: 05 Aug 2022 09:38

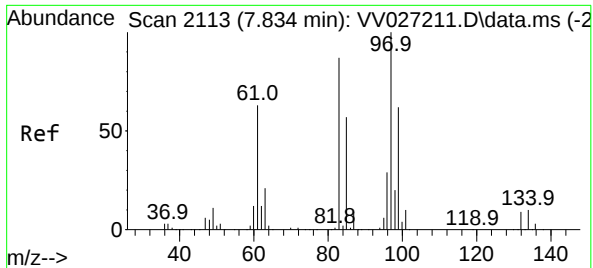
Tgt Ion: 75 Resp: 214796

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



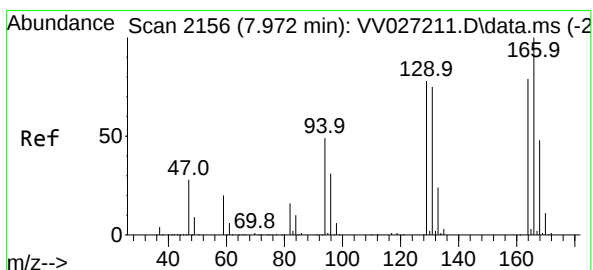
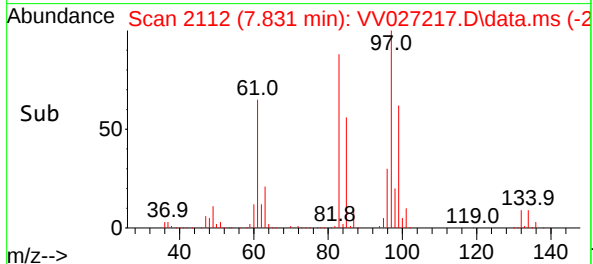
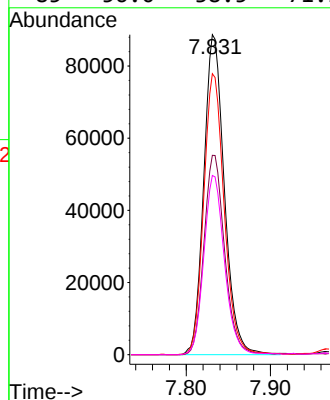
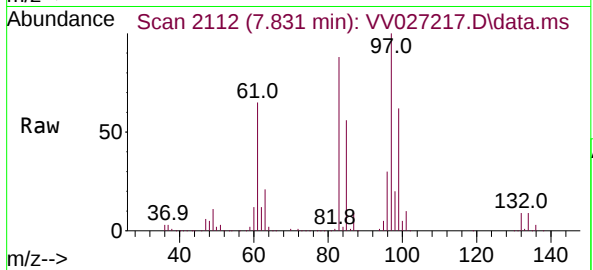


#45
1,1,2-Trichloroethane
Concen: 47.982 ug/L
RT: 7.831 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 150878

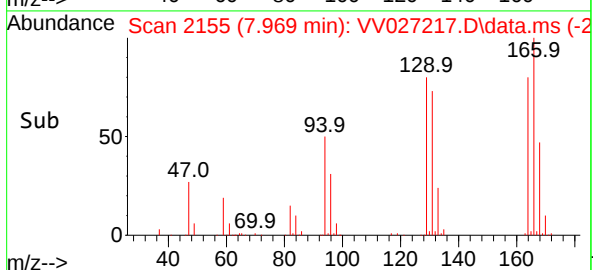
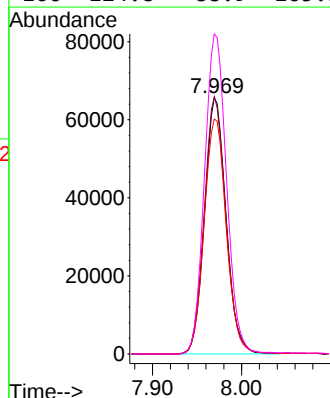
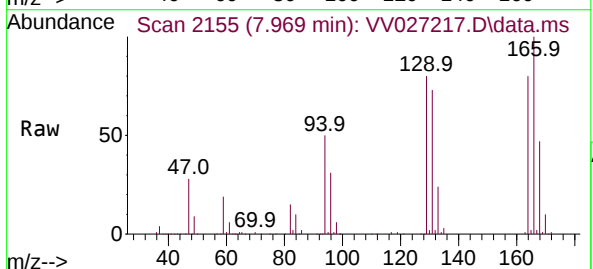
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.2	80.2
83	87.8	58.0	107.6
85	56.0	38.5	71.5

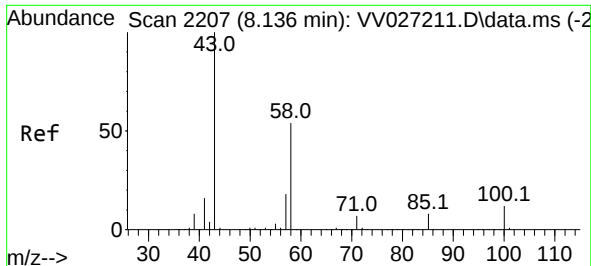


#46
Tetrachloroethene
Concen: 50.378 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 164 Resp: 109948

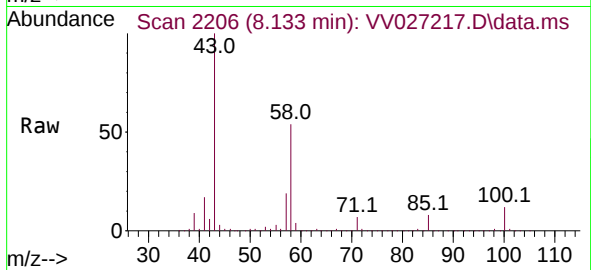
Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.5	125.4
131	91.6	64.3	119.3
166	124.8	88.9	165.1



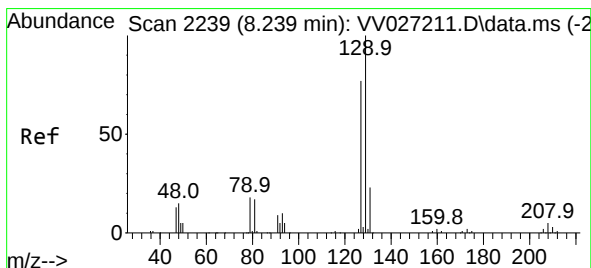
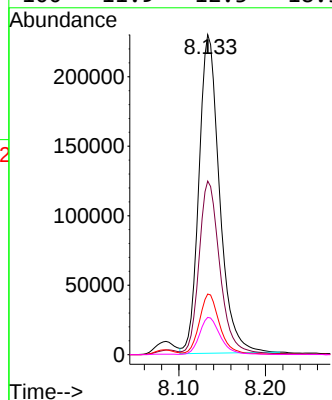
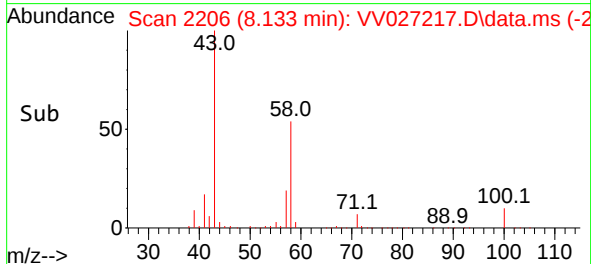


#48
2-Hexanone
Concen: 102.404 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :

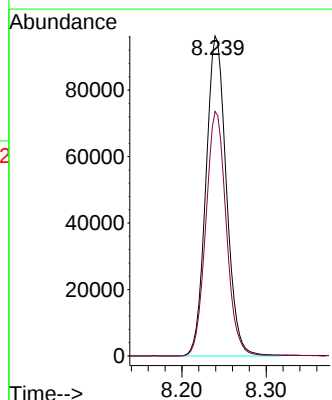
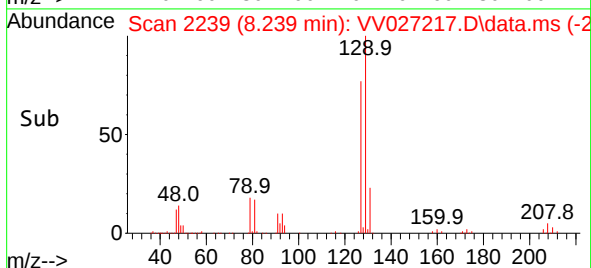
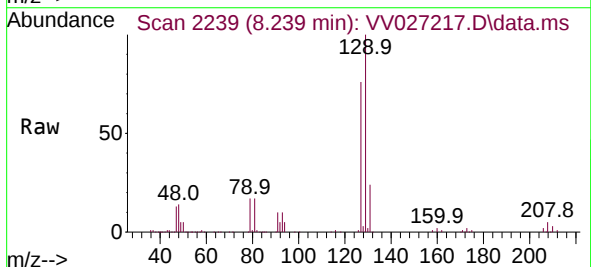


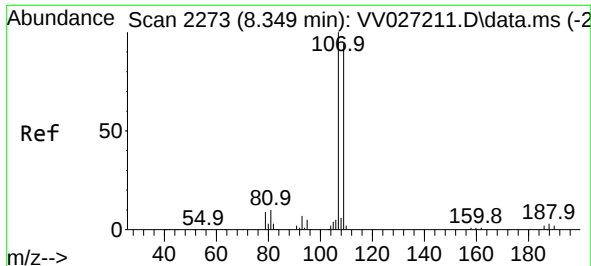
Tgt Ion: 43 Resp: 379595
Ion Ratio Lower Upper
43 100
58 54.9 50.8 76.2
57 18.6 17.1 25.7
100 11.9 12.3 18.5#



#49
Dibromochloromethane
Concen: 48.881 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 129 Resp: 162477
Ion Ratio Lower Upper
129 100
127 76.4 53.3 98.9





#50

1,2-Dibromoethane

Concen: 47.863 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

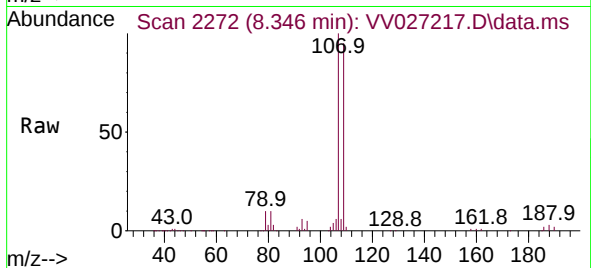
Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :



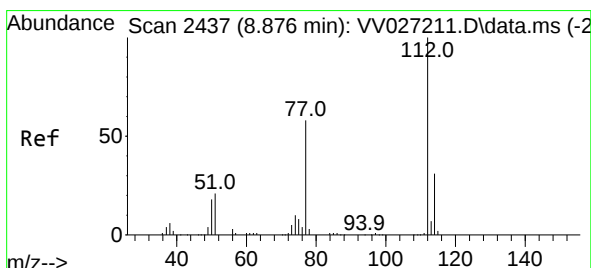
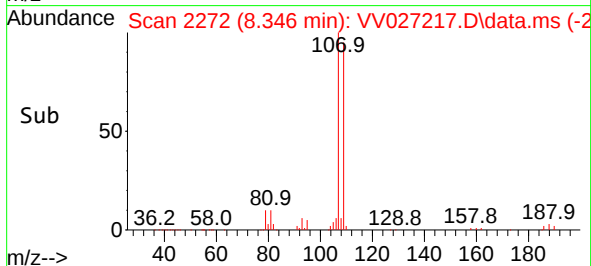
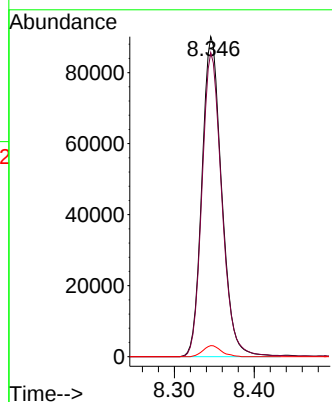
Tgt Ion:107 Resp: 154861

Ion Ratio Lower Upper

107 100

109 95.0 65.7 121.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 48.552 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

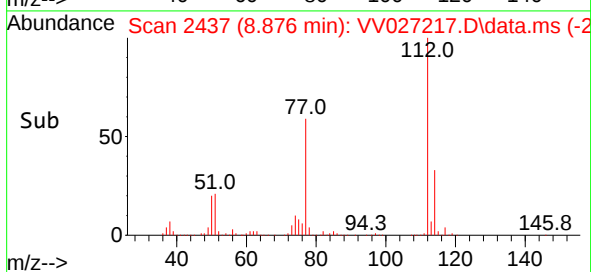
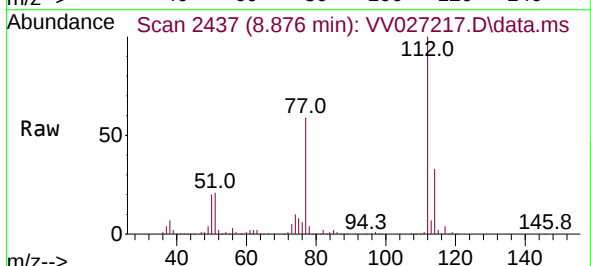
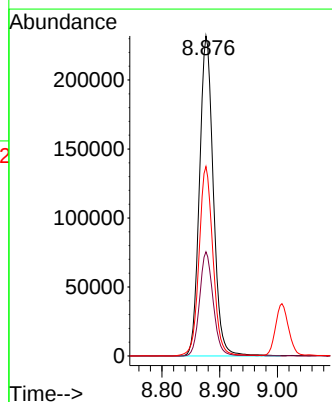
Tgt Ion:112 Resp: 385601

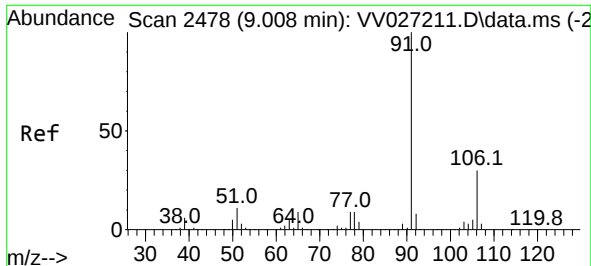
Ion Ratio Lower Upper

112 100

114 32.6 22.8 42.4

77 59.2 44.2 66.2

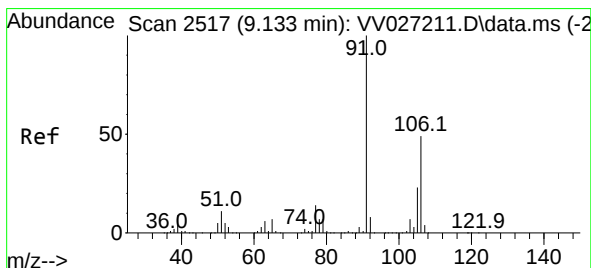
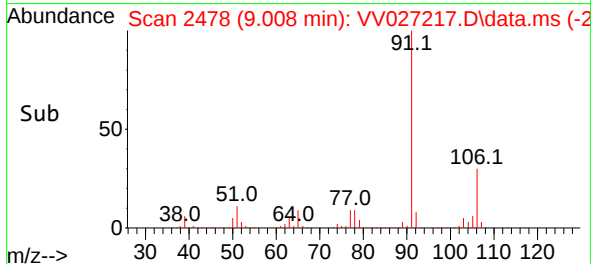
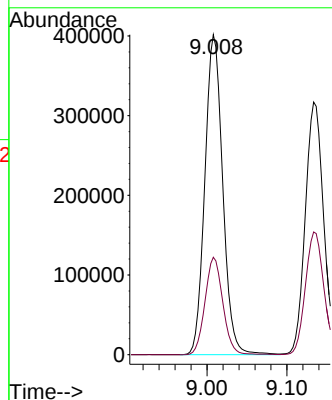
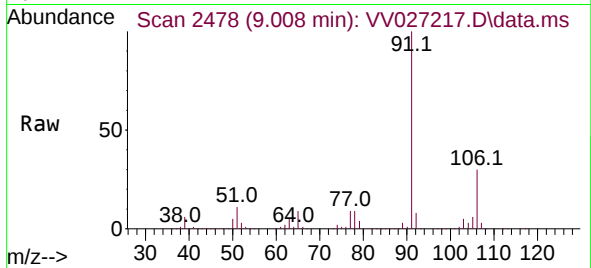




#52
Ethylbenzene
Concen: 51.200 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

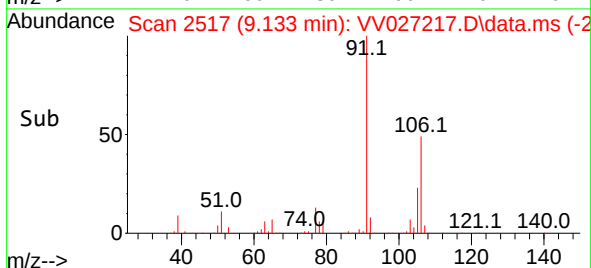
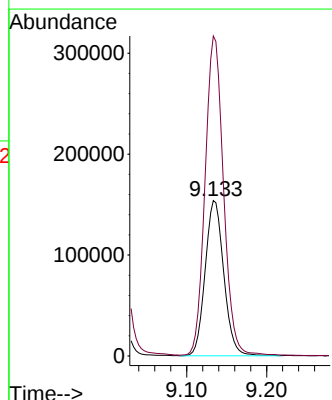
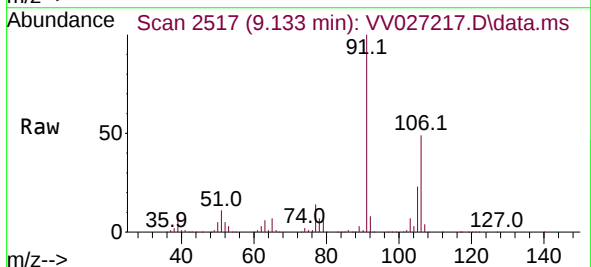
Instrument :
MSVOA_V
ClientSampleId :

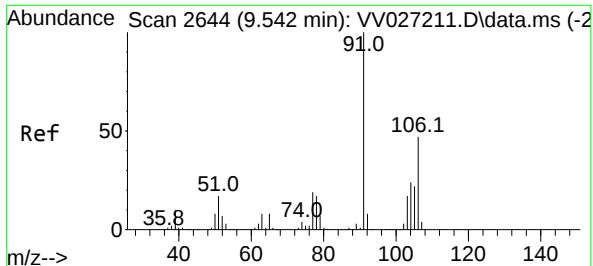
Tgt Ion: 91 Resp: 625547
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.6



#53
m,p-Xylene
Concen: 53.916 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion: 106 Resp: 248953
Ion Ratio Lower Upper
106 100
91 205.9 137.5 255.3





#54

o-Xylene

Concen: 51.645 ug/L

RT: 9.538 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

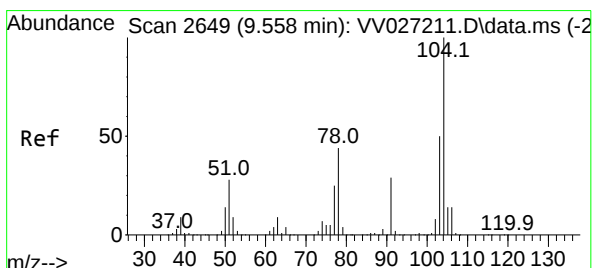
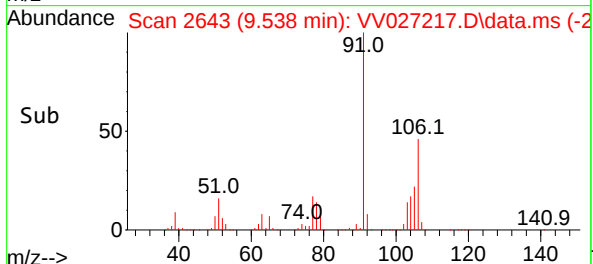
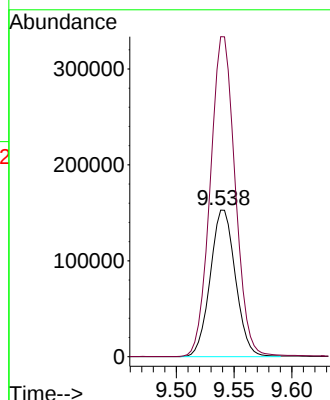
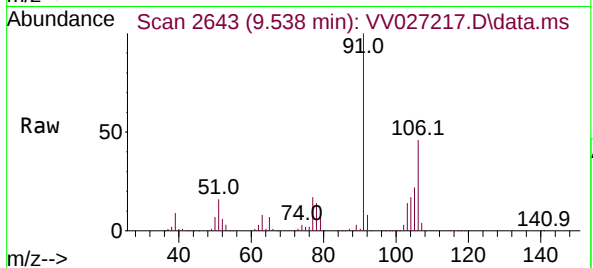
ClientSampleId :

Tgt Ion:106 Resp: 232326

Ion Ratio Lower Upper

106 100

91 218.3 146.6 272.2



#55

Styrene

Concen: 55.832 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.000 min

Lab File: VV027217.D

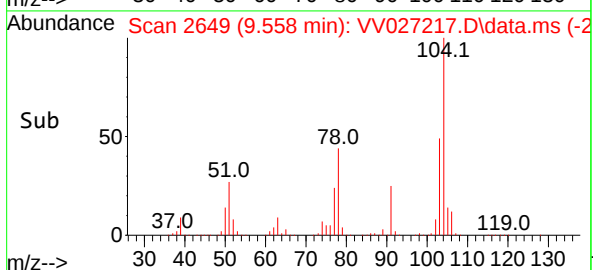
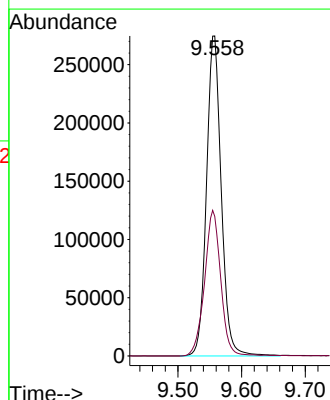
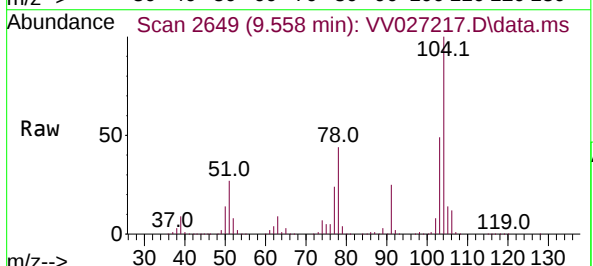
Acq: 05 Aug 2022 09:38

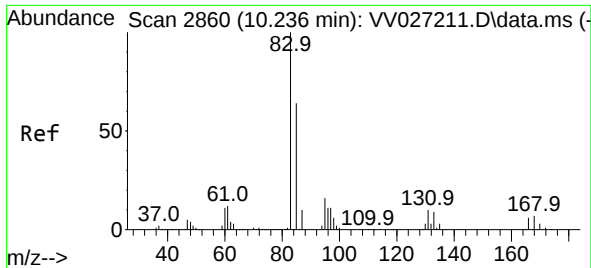
Tgt Ion:104 Resp: 442440

Ion Ratio Lower Upper

104 100

78 43.6 29.6 55.0

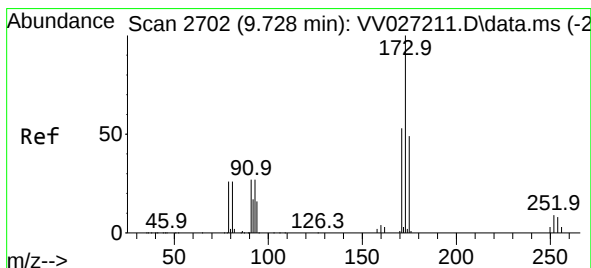
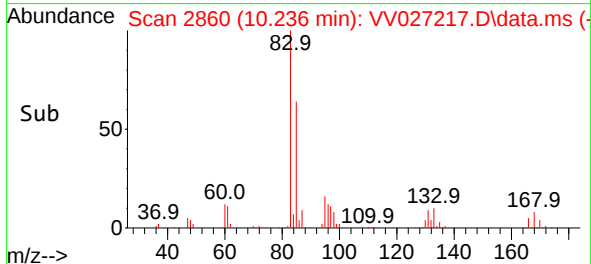
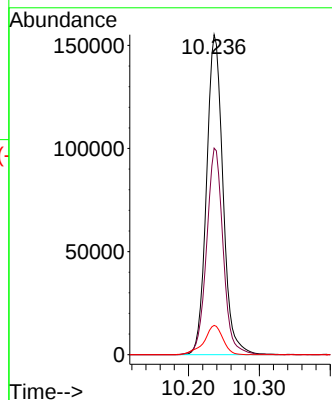
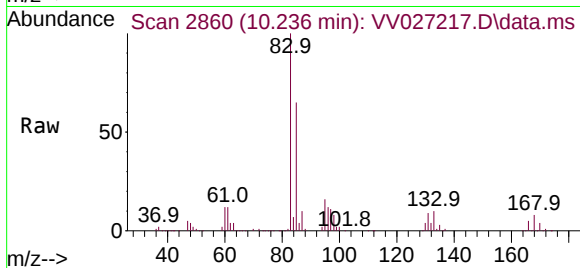




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.395 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. 0.000 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

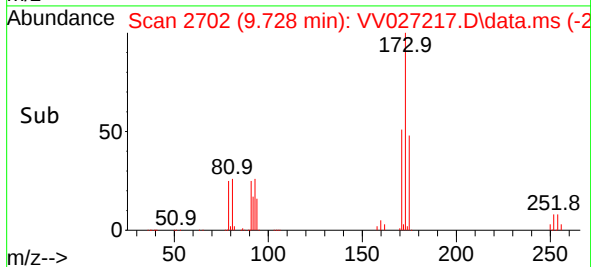
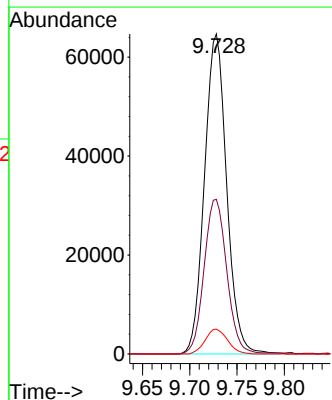
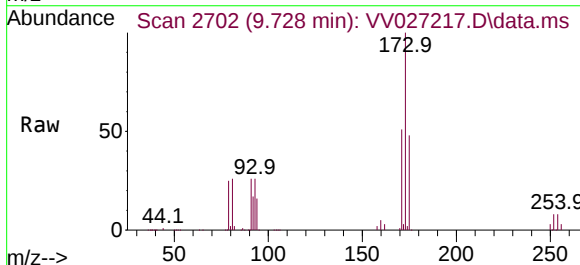
Instrument :
 MSVOA_V
 ClientSampleId :

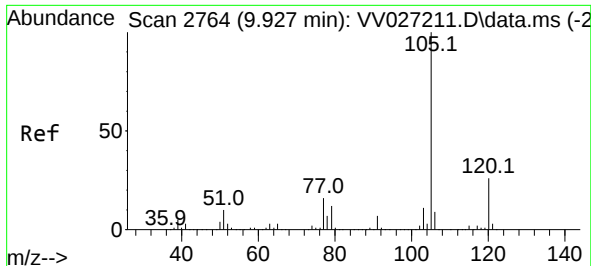
Tgt Ion: 83 Resp: 249664
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.2 84.0
 131 9.1 8.1 12.1



#59
 Bromoform
 Concen: 44.217 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

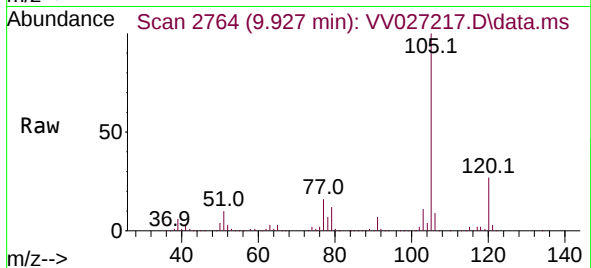
Tgt Ion: 173 Resp: 105479
 Ion Ratio Lower Upper
 173 100
 175 49.4 39.0 58.4
 254 7.8 6.9 10.3



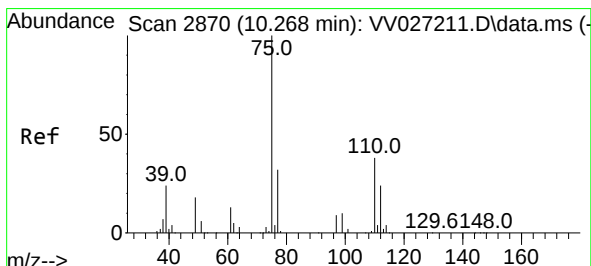
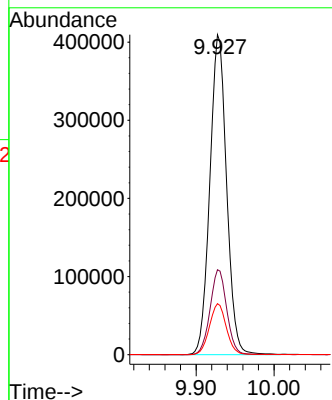
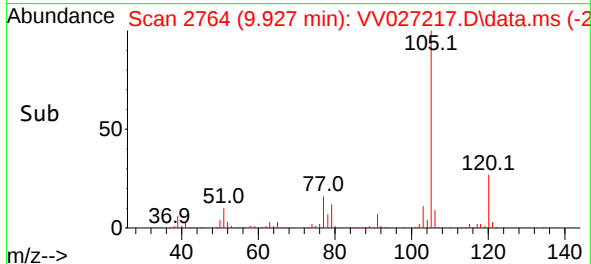


#60
Isopropylbenzene
Concen: 48.310 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

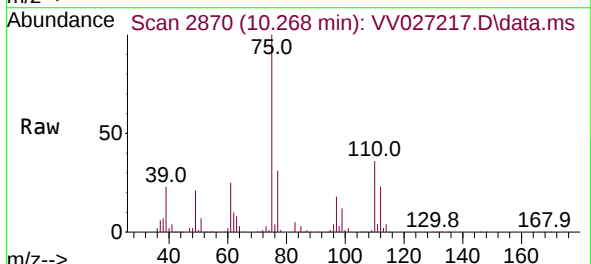
Instrument :
MSVOA_V
ClientSampleId :



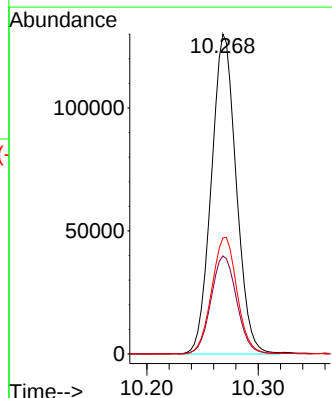
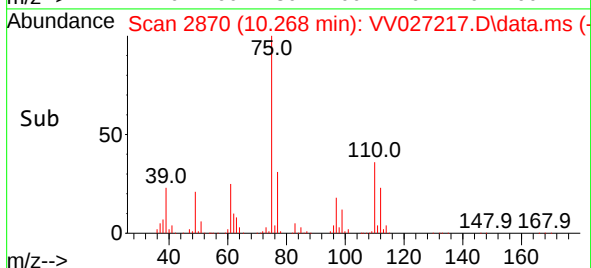
Tgt Ion:105 Resp: 611268
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 16.1 11.8 17.6

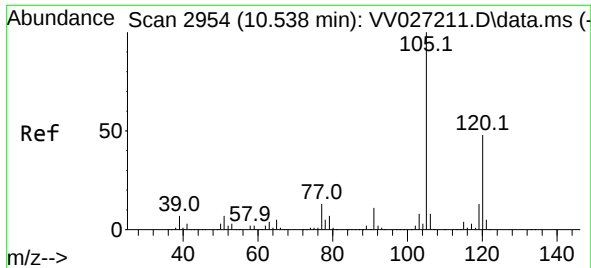


#61
1,2,3-Trichloropropane
Concen: 43.757 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38



Tgt Ion: 75 Resp: 201697
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
110 37.2 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 48.907 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

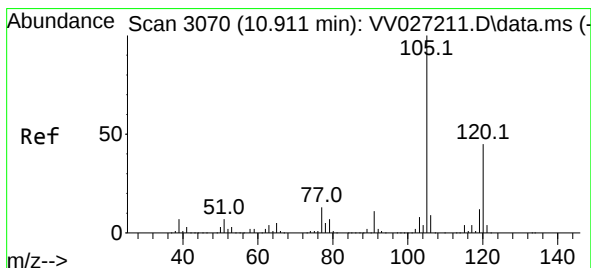
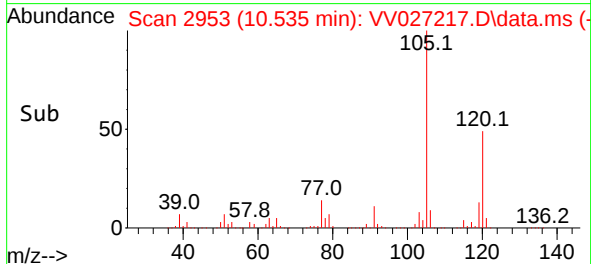
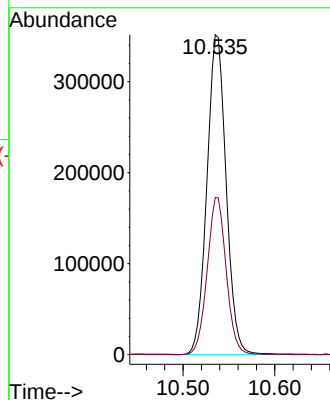
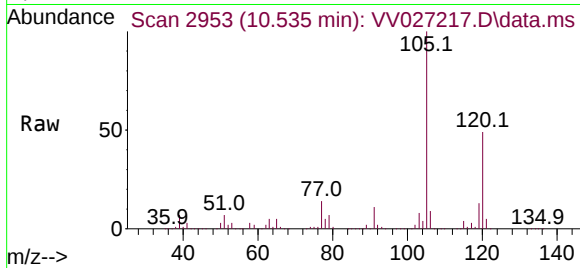
ClientSampleId :

Tgt Ion:105 Resp: 511043

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.503 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027217.D

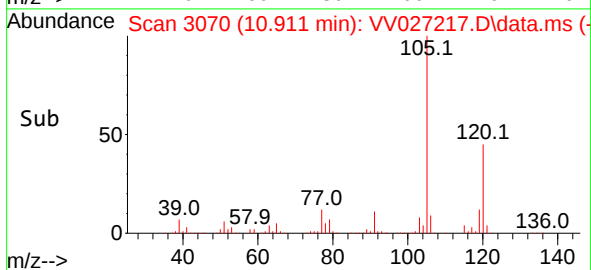
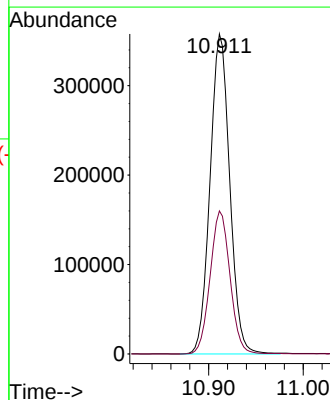
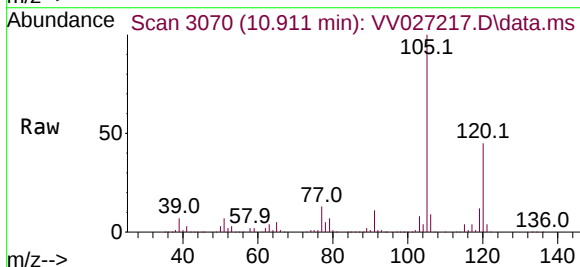
Acq: 05 Aug 2022 09:38

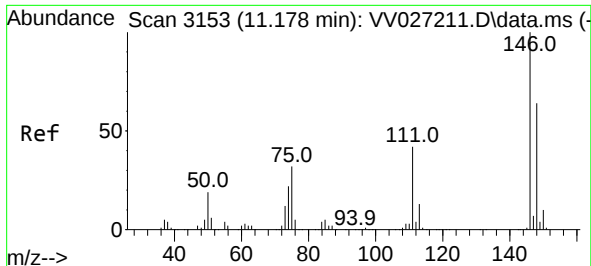
Tgt Ion:105 Resp: 516972

Ion Ratio Lower Upper

105 100

120 45.3 37.0 55.6

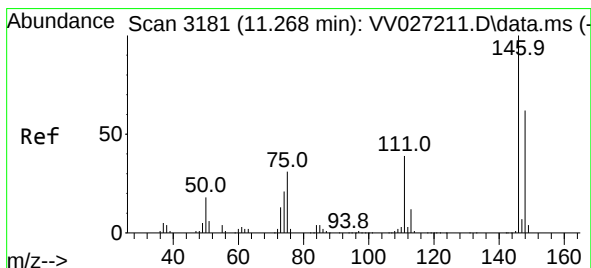
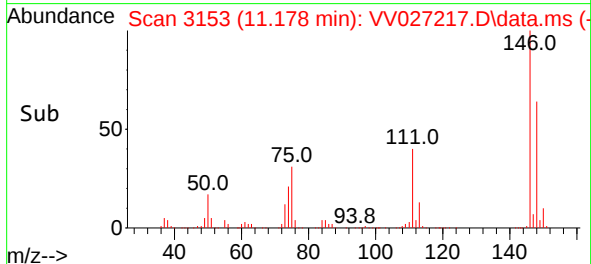
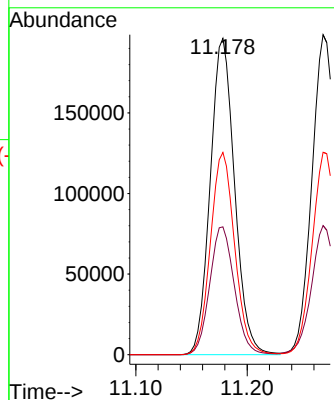
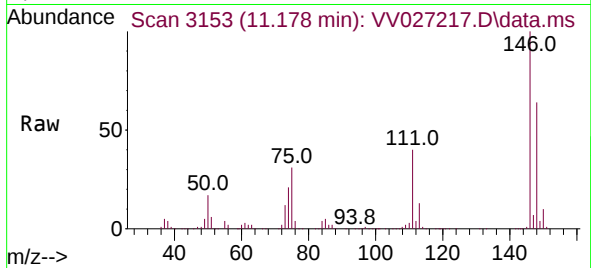




#64
1,3-Dichlorobenzene
Concen: 48.611 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

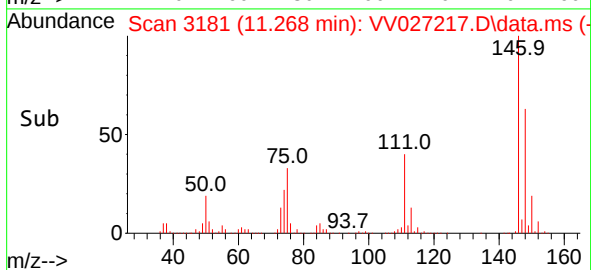
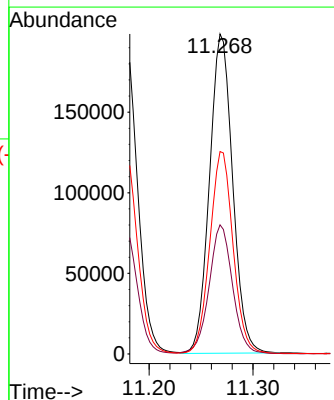
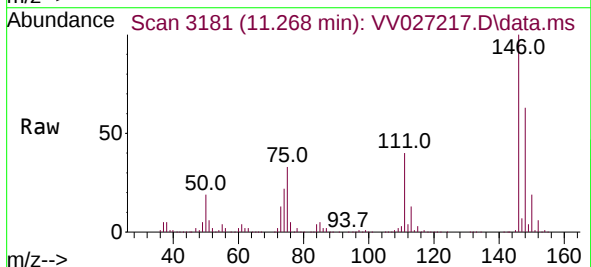
Instrument :
MSVOA_V
ClientSampleId :

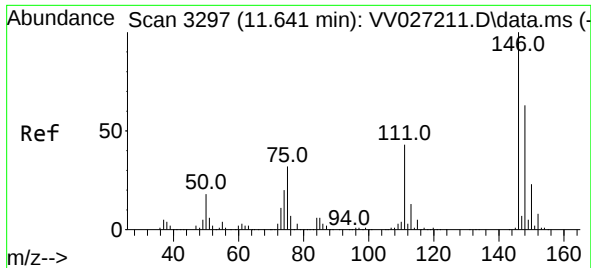
Tgt Ion:146 Resp: 298109
Ion Ratio Lower Upper
146 100
111 40.4 28.4 52.8
148 64.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 47.504 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV027217.D
Acq: 05 Aug 2022 09:38

Tgt Ion:146 Resp: 306586
Ion Ratio Lower Upper
146 100
111 40.3 27.4 51.0
148 63.3 44.6 82.8

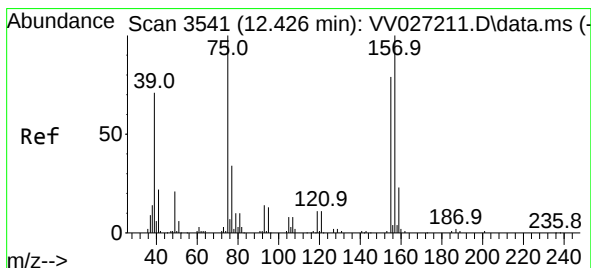
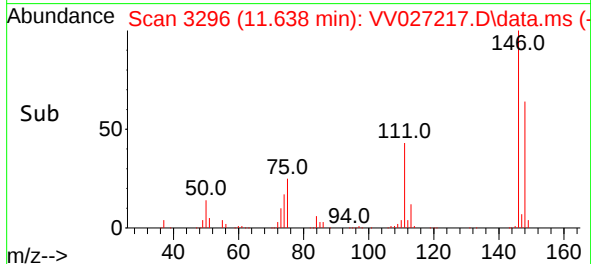
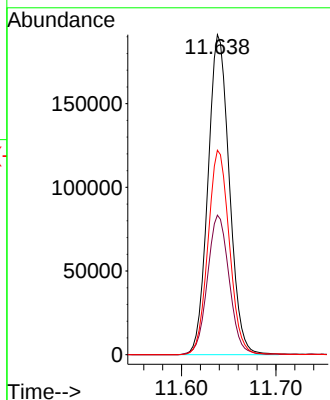
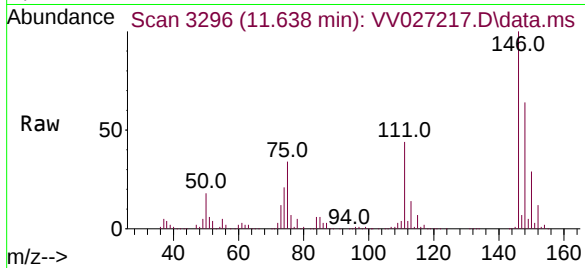




#67
 1,2-Dichlorobenzene
 Concen: 46.764 ug/L
 RT: 11.638 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

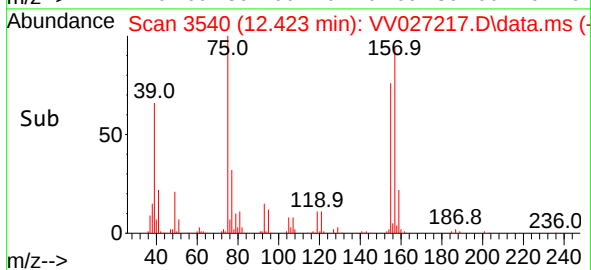
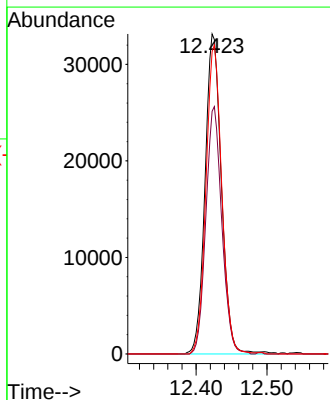
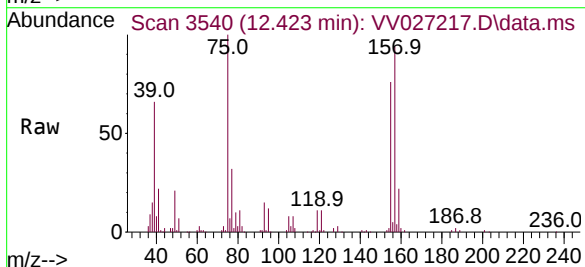
Instrument :
 MSVOA_V
 ClientSampleId :

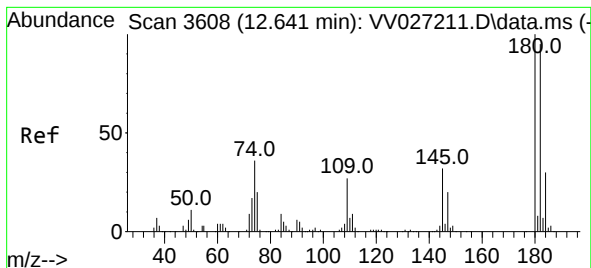
Tgt Ion:146 Resp: 300478
 Ion Ratio Lower Upper
 146 100
 111 43.6 34.0 51.0
 148 63.9 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 41.154 ug/L
 RT: 12.423 min Scan# 3540
 Delta R.T. -0.003 min
 Lab File: VV027217.D
 Acq: 05 Aug 2022 09:38

Tgt Ion: 75 Resp: 53220
 Ion Ratio Lower Upper
 75 100
 155 75.9 69.1 103.7
 157 94.5 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 48.414 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

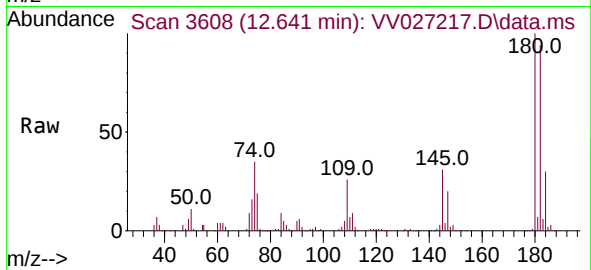
Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 199413

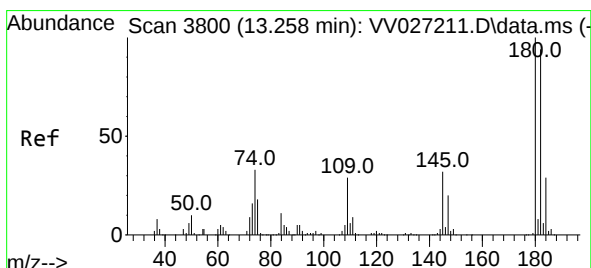
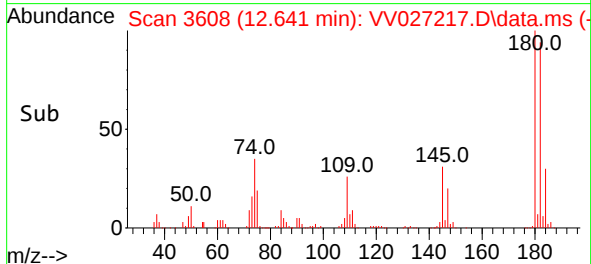
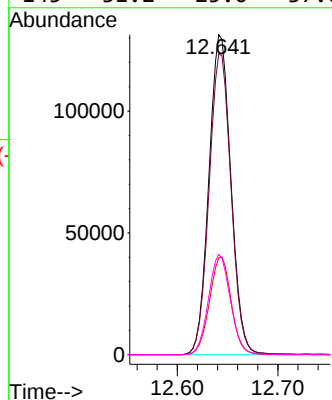
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

184 30.1 24.8 37.2

145 31.2 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 47.425 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

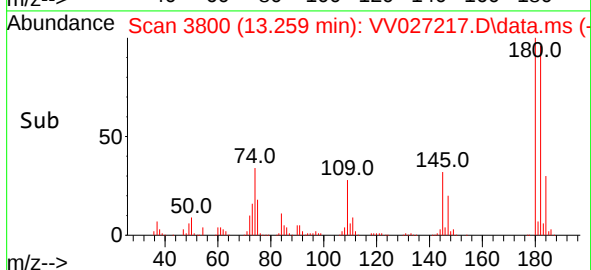
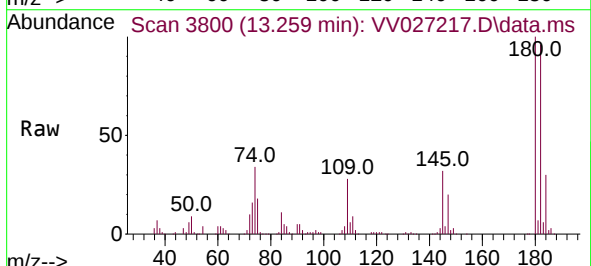
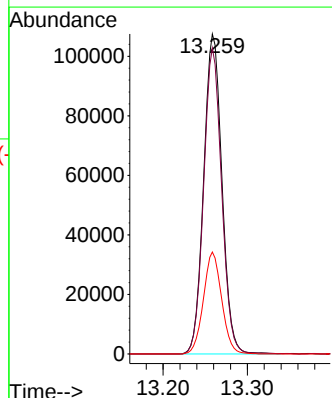
Tgt Ion:180 Resp: 162240

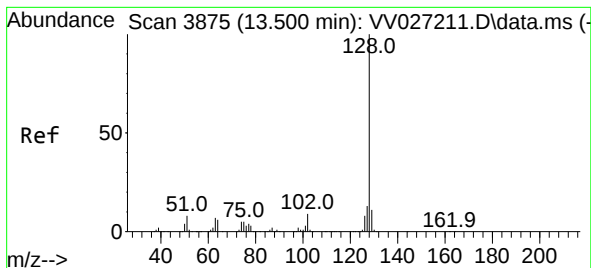
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 31.8 24.7 37.1





#71

Naphthalene

Concen: 43.543 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

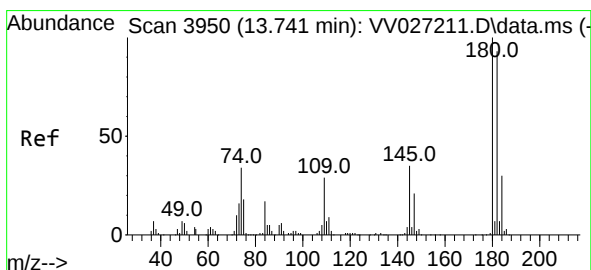
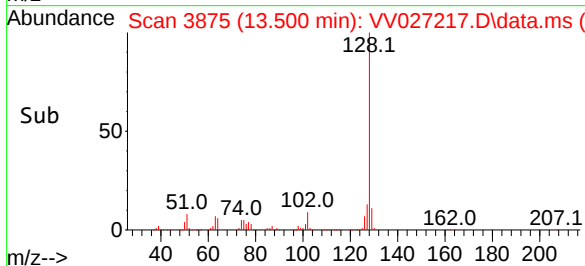
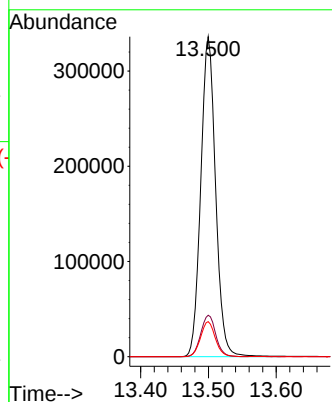
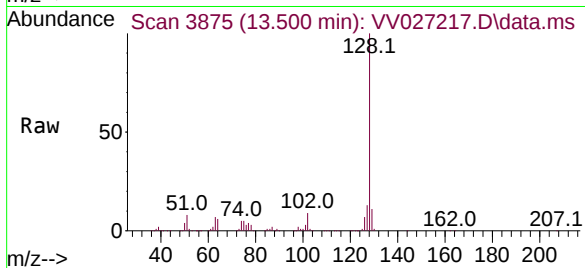
Tgt Ion:128 Resp: 510060

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.854 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027217.D

Acq: 05 Aug 2022 09:38

Tgt Ion:180 Resp: 185244

Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 34.5 27.4 41.0

