

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027047.D
 Acq On : 28 Jul 2022 19:10
 Operator : SY/MD
 Sample : VSTD00544
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

Quant Time: Jul 29 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	543350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	528169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	252557	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26829	5.190	ug/L	0.00
7) Chloroethane-d5	1.561	69	21693	5.297	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	46518	5.286	ug/L	0.00
21) 2-Butanone-d5	3.918	46	9518	3.075	ug/L	0.04
24) Chloroform-d	4.346	84	46835	5.031	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	26024	4.924	ug/L	0.00
32) Benzene-d6	5.050	84	90229	4.865	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	27953	4.924	ug/L	0.00
41) Toluene-d8	7.317	98	76197	4.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	10697	4.266	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	18195	7.456	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44310	5.177	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	29640	5.221	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32804	5.817	ug/L	100
3) Chloromethane	1.237	50	30589	5.932	ug/L	95
5) Vinyl chloride	1.307	62	32375	5.919	ug/L	100
6) Bromomethane	1.516	94	20385	6.069	ug/L	95
8) Chloroethane	1.581	64	19287	6.006	ug/L	99
9) Trichlorofluoromethane	1.748	101	41659	5.937	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	24588	6.070	ug/L	98
12) 1,1-Dichloroethene	2.111	96	23289	5.884	ug/L	91
13) Acetone	2.175	43	16439	8.098	ug/L	74
14) Carbon disulfide	2.288	76	75278	5.995	ug/L	98
15) Methyl Acetate	2.436	43	19525	5.382	ug/L	99
16) Methylene chloride	2.503	84	31932	6.330	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	25368	5.855	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	65069	5.467	ug/L	99
19) 1,1-Dichloroethane	3.185	63	43393	5.735	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	24813	5.538	ug/L	92
22) 2-Butanone	3.999	43	17860	6.444	ug/L	85
23) Bromochloromethane	4.249	128	12942	5.362	ug/L	95
25) Chloroform	4.378	83	47282	5.927	ug/L	94
27) 1,2-Dichloroethane	5.134	62	31311	5.704	ug/L	99
29) Cyclohexane	4.671	56	28802	5.075	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	39983	5.898	ug/L	99
31) Carbon tetrachloride	4.825	117	34324	5.816	ug/L	100
33) Benzene	5.098	78	94176	5.533	ug/L	100
34) Trichloroethene	5.915	95	25836	5.898	ug/L	98
35) Methylcyclohexane	6.130	83	31638	4.841	ug/L	94
37) 1,2-Dichloropropane	6.175	63	23620	5.545	ug/L #	95
38) Bromodichloromethane	6.513	83	31367	5.544	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	28203	4.615	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	54777	10.166	ug/L	95
42) Toluene	7.391	91	91676	5.224	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	29036	4.887	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027047.D
 Acq On : 28 Jul 2022 19:10
 Operator : SY/MD
 Sample : VSTD00544
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

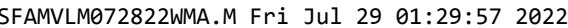
Quant Time: Jul 29 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

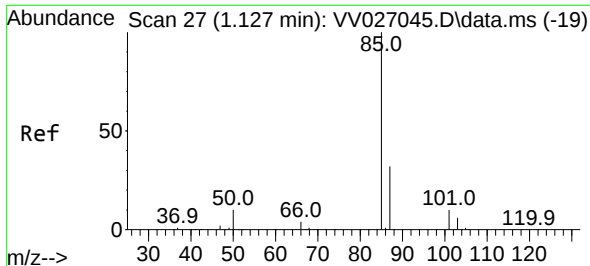
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	26037	5.709	ug/L	97
46) Tetrachloroethene	7.976	164	20517	5.988	ug/L	96
48) 2-Hexanone	8.146	43	40115	9.447	ug/L	96
49) Dibromochloromethane	8.246	129	25633	5.465	ug/L	96
50) 1,2-Dibromoethane	8.355	107	27052	5.656	ug/L #	99
51) Chlorobenzene	8.883	112	68935	5.824	ug/L	100
52) Ethylbenzene	9.014	91	89529	5.038	ug/L	98
53) m,p-Xylene	9.140	106	33653	4.815	ug/L	98
54) o-Xylene	9.545	106	31742	4.716	ug/L	97
55) Styrene	9.564	104	53608	4.551	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	42090	5.724	ug/L	98
59) Bromoform	9.731	173	16849	5.873	ug/L	100
60) Isopropylbenzene	9.931	105	84561	5.365	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	33475	6.320	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	35023	5.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	26422	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	43087	5.632	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	47713	5.918	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	46191	5.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7991	5.754	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	28779	5.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	23868	5.374	ug/L	99
71) Naphthalene	13.503	128	77921	5.042	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	25628	5.320	ug/L	99

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

Quant Time: Jul 29 01:29:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 29 01:24:47 2022
Response via : Initial Calibration

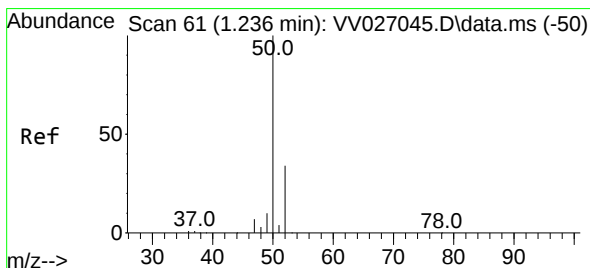
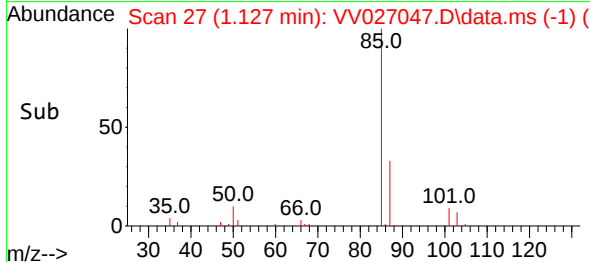
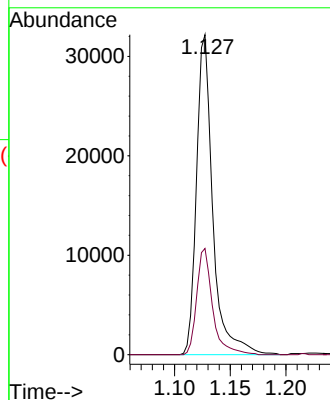
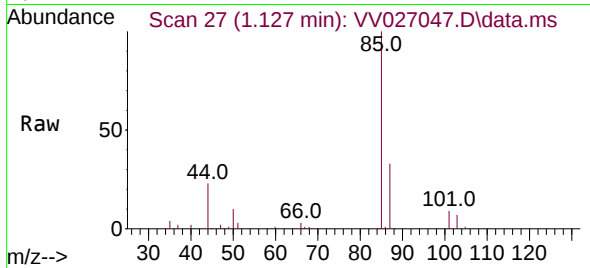




#2
 Dichlorodifluoromethane
 Concen: 5.817 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

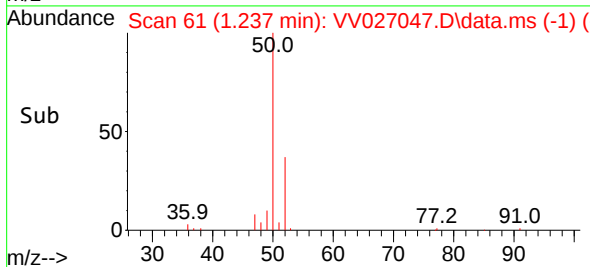
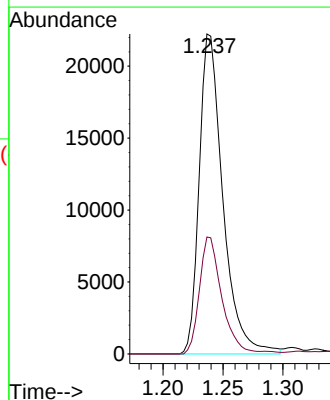
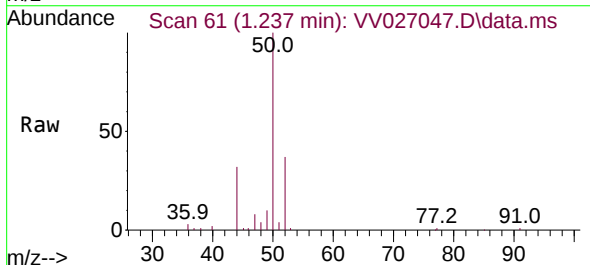
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

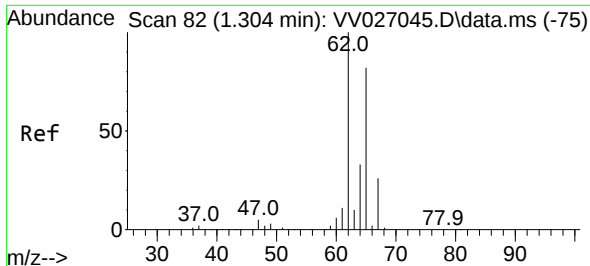
Tgt Ion: 85 Resp: 32804
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 5.932 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

Tgt Ion: 50 Resp: 30589
 Ion Ratio Lower Upper
 50 100
 52 36.6 23.5 43.7

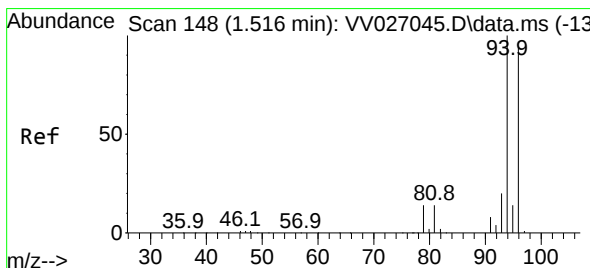
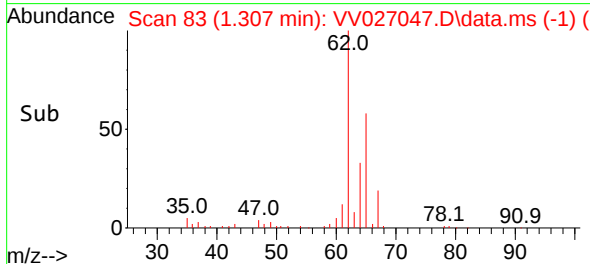
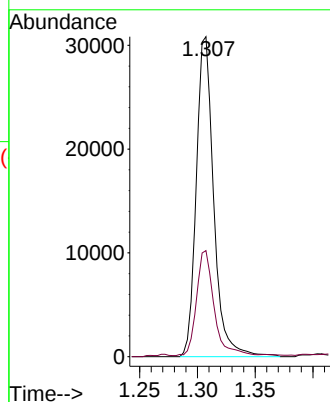
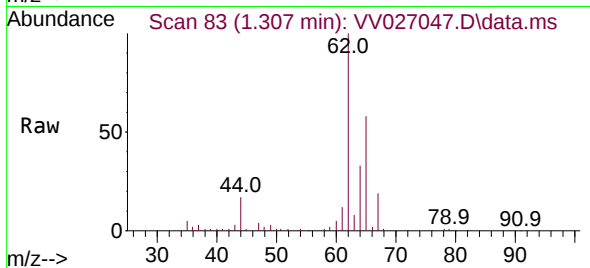




#5
 Vinyl chloride
 Concen: 5.919 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

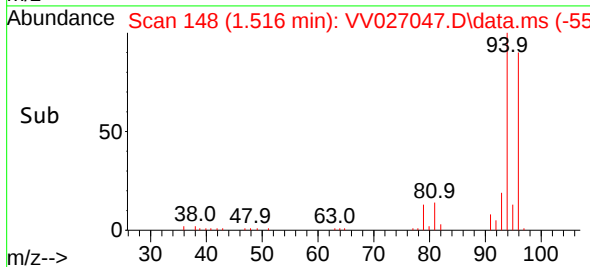
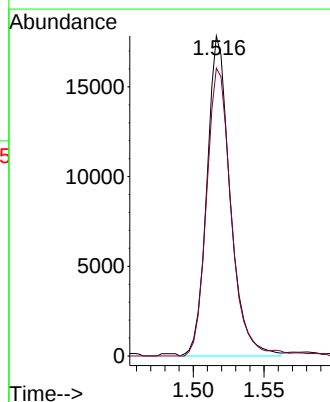
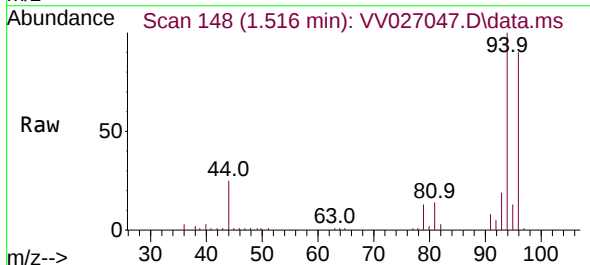
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

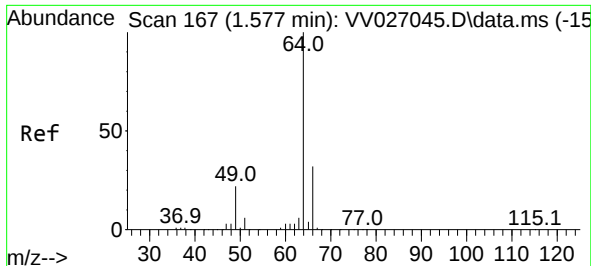
Tgt Ion: 62 Resp: 32375
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 6.069 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

Tgt Ion: 94 Resp: 20385
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.1 122.8

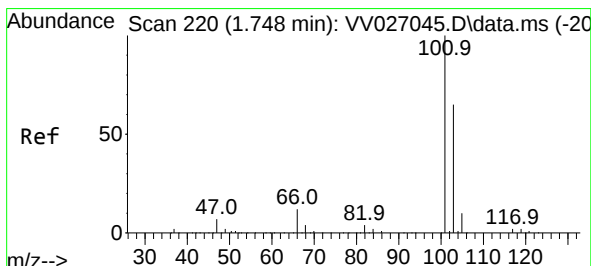
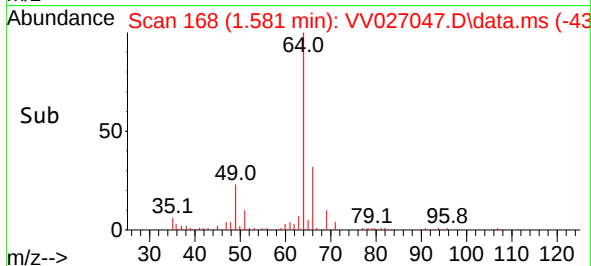
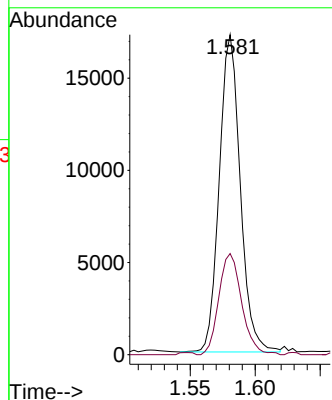
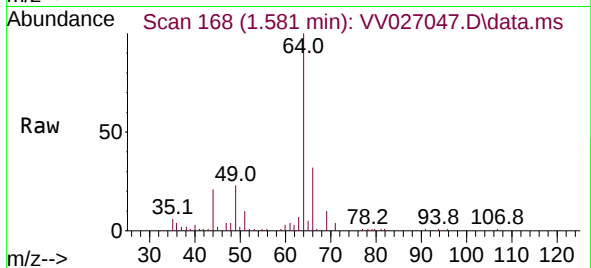




#8
Chloroethane
Concen: 6.006 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

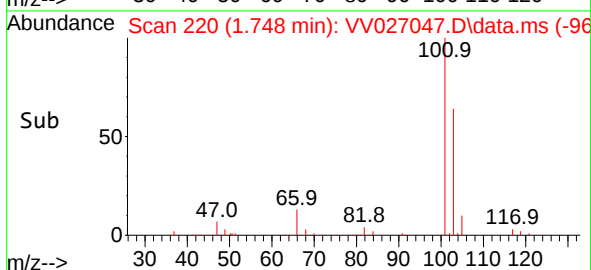
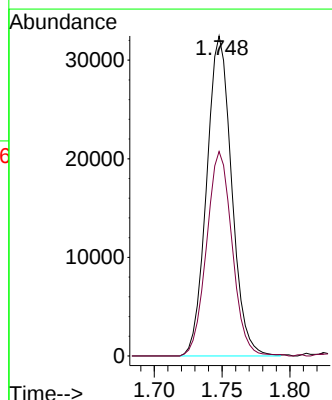
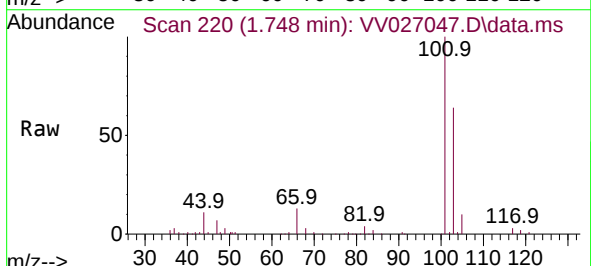
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

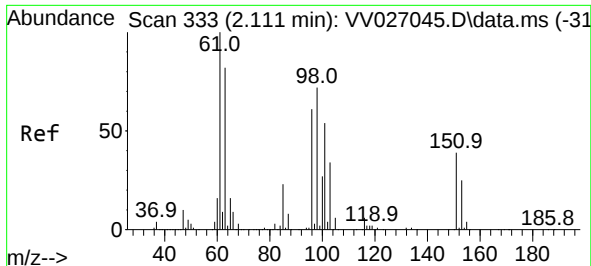
Tgt Ion: 64 Resp: 19287
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.937 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 101 Resp: 41659
Ion Ratio Lower Upper
101 100
103 65.1 52.4 78.6





#10

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

Concen: 6.070 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

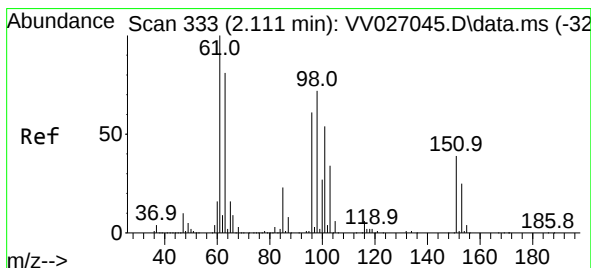
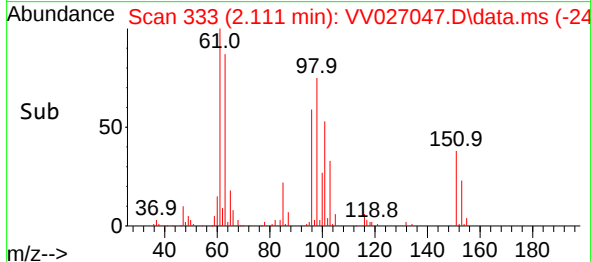
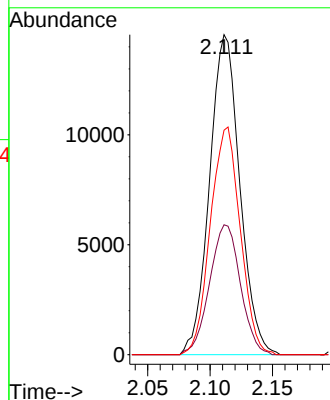
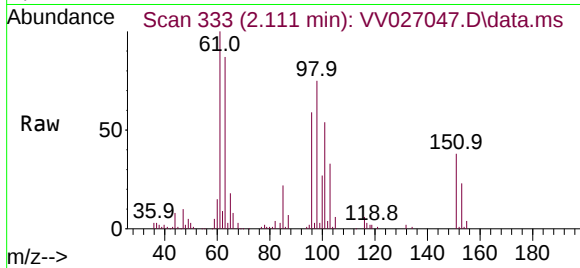
Tgt Ion:101 Resp: 24588

Ion Ratio Lower Upper

101 100

85 41.4 34.1 51.1

151 70.3 57.8 86.8



#12

1,1-Dichloroethene

Concen: 5.884 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

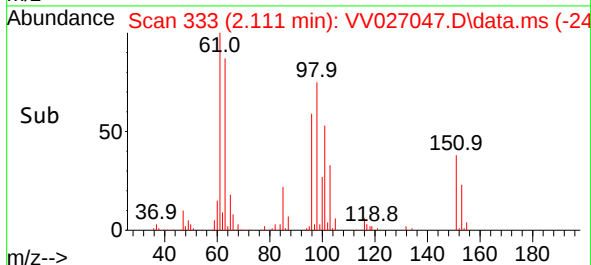
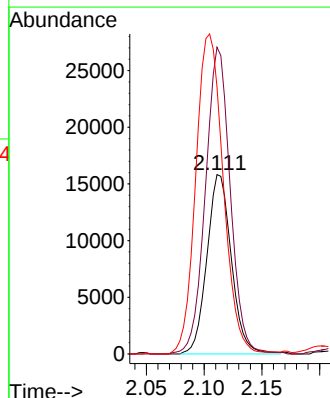
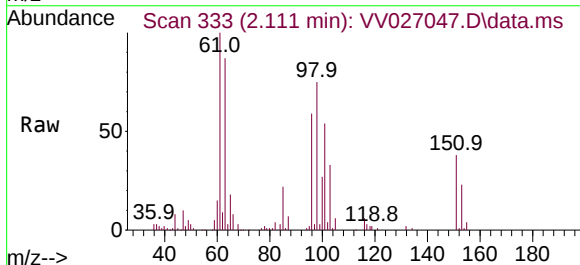
Tgt Ion: 96 Resp: 23289

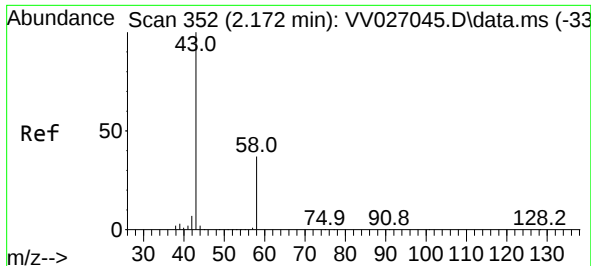
Ion Ratio Lower Upper

96 100

61 170.9 114.3 212.3

63 148.8 93.4 173.4





#13

Acetone

Concen: 8.098 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

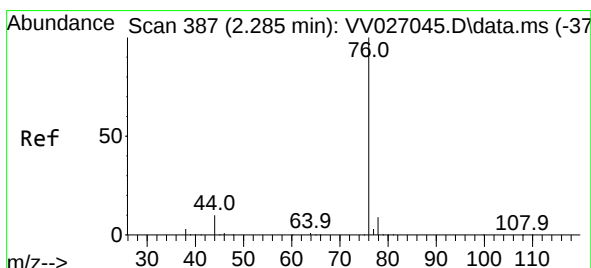
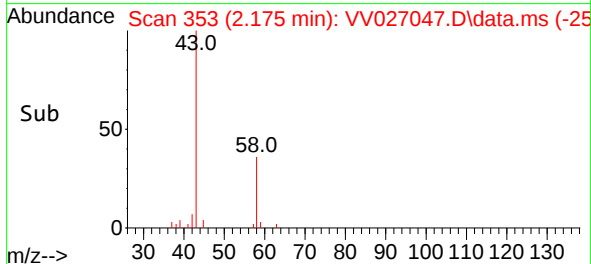
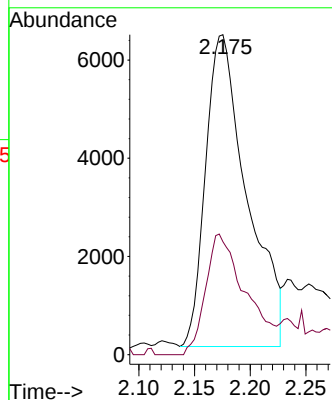
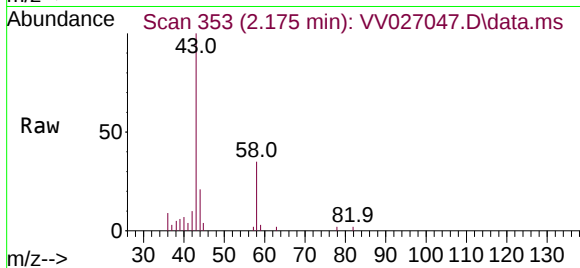
VSTD005244

Tgt Ion: 43 Resp: 16439

Ion Ratio Lower Upper

43 100

58 37.8 0.0 49.6



#14

Carbon disulfide

Concen: 5.995 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027047.D

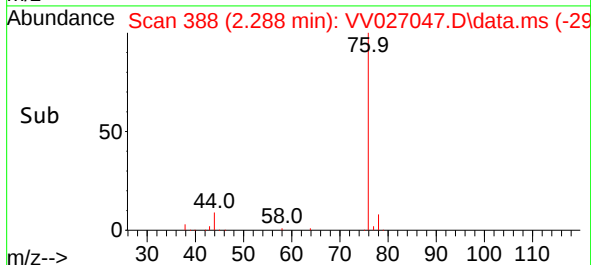
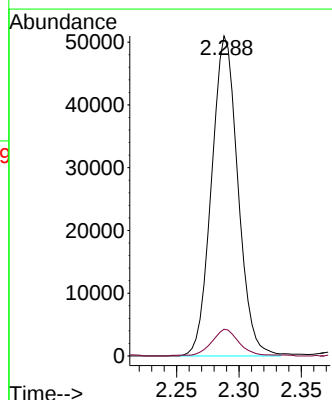
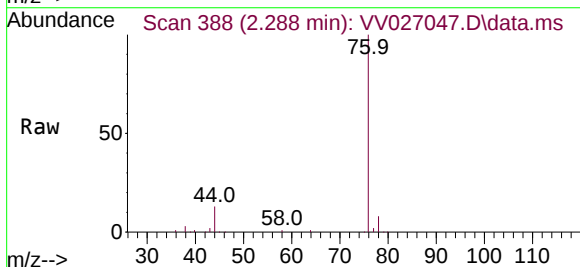
Acq: 28 Jul 2022 19:10

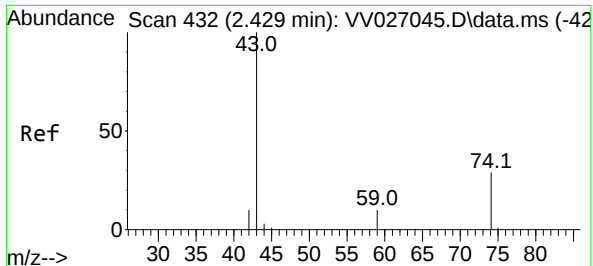
Tgt Ion: 76 Resp: 75278

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

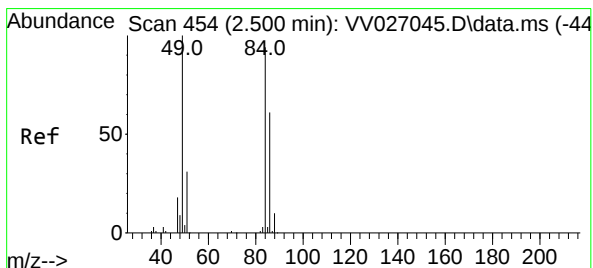
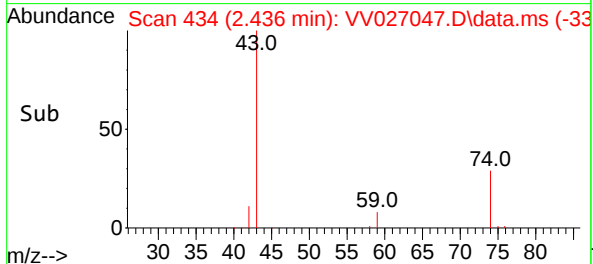
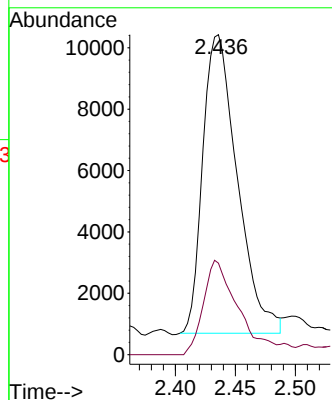
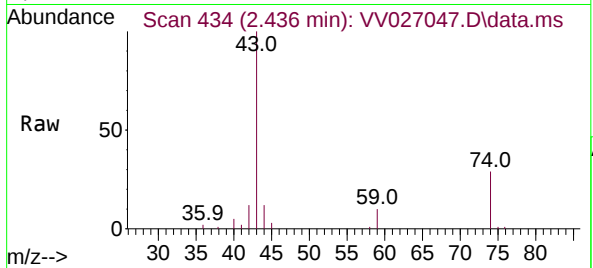




#15
Methyl Acetate
Concen: 5.382 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

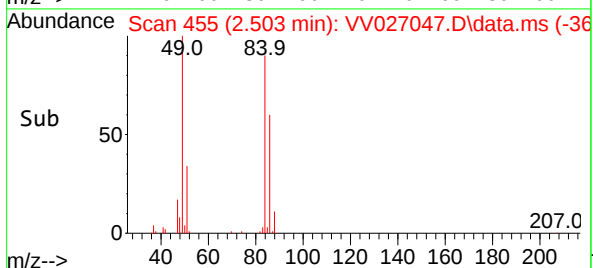
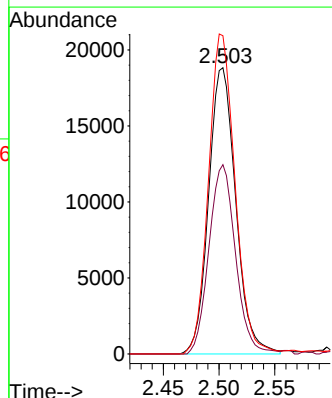
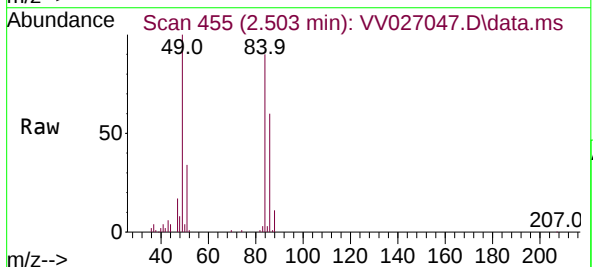
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

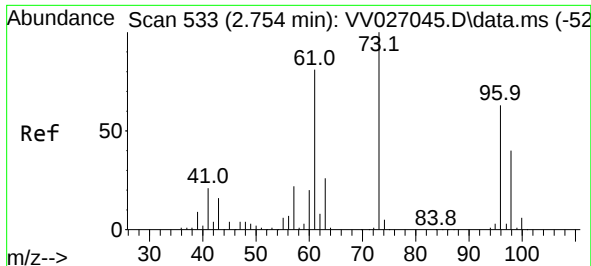
Tgt Ion: 43 Resp: 19525
Ion Ratio Lower Upper
43 100
74 31.4 25.5 38.3



#16
Methylene chloride
Concen: 6.330 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 84 Resp: 31932
Ion Ratio Lower Upper
84 100
86 66.1 45.0 83.6
49 111.1 74.1 137.7

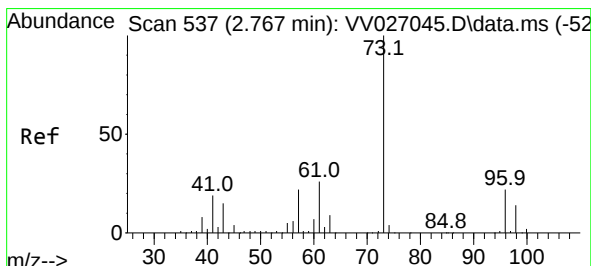
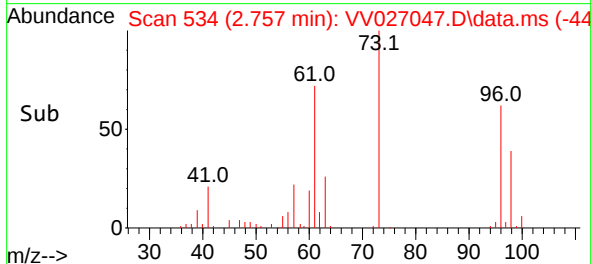
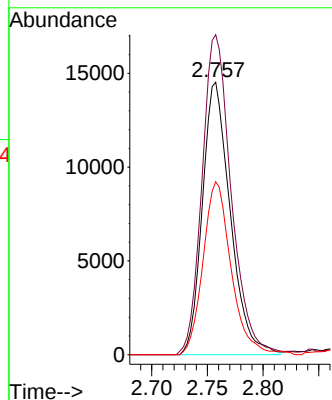
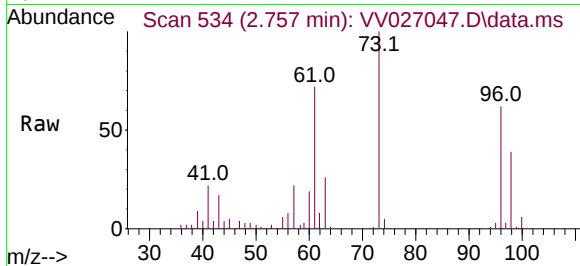




#17
trans-1,2-Dichloroethene
Concen: 5.855 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

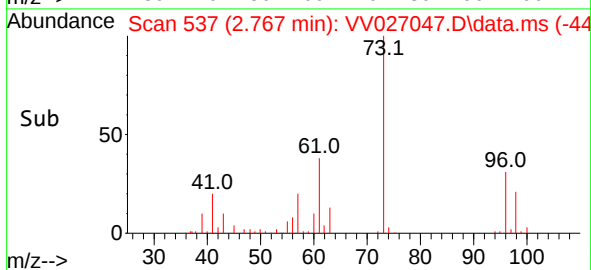
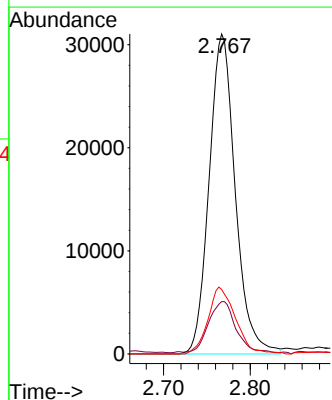
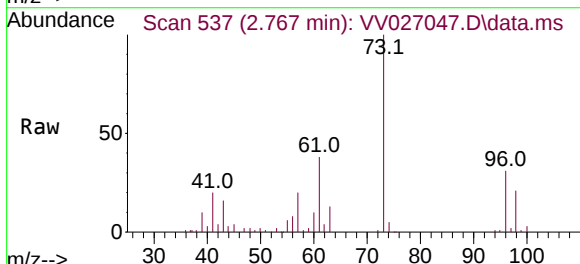
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

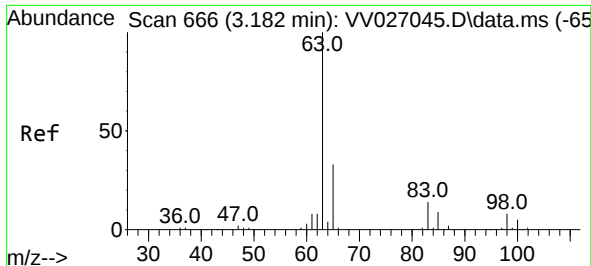
Tgt Ion: 96 Resp: 25368
Ion Ratio Lower Upper
96 100
61 117.5 89.2 165.6
98 63.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 5.467 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 73 Resp: 65069
Ion Ratio Lower Upper
73 100
43 16.6 12.6 18.8
57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 5.735 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

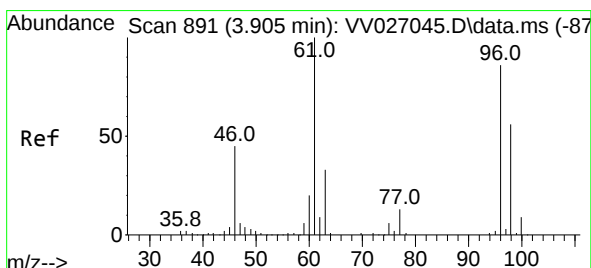
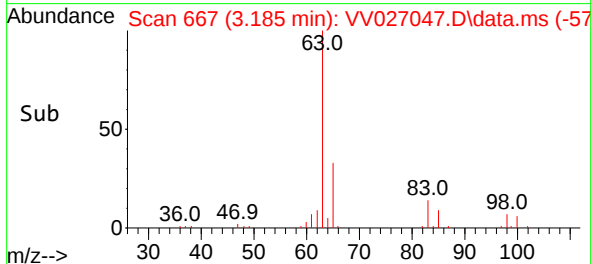
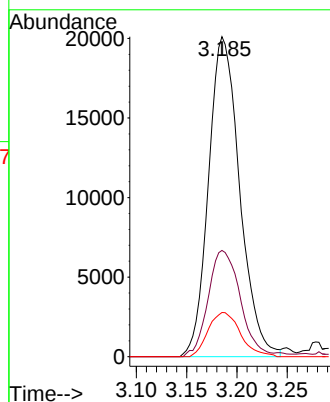
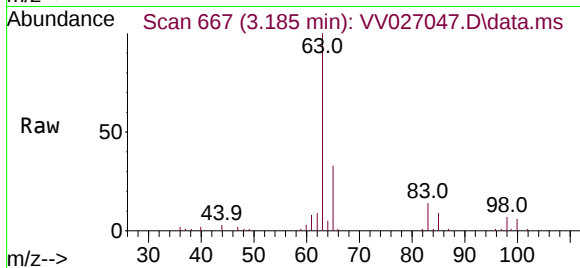
Tgt Ion: 63 Resp: 43393

Ion Ratio Lower Upper

63 100

65 33.2 22.7 42.3

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.538 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

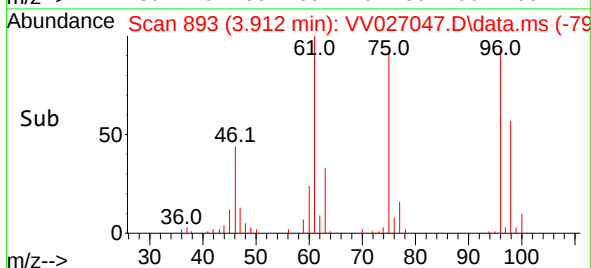
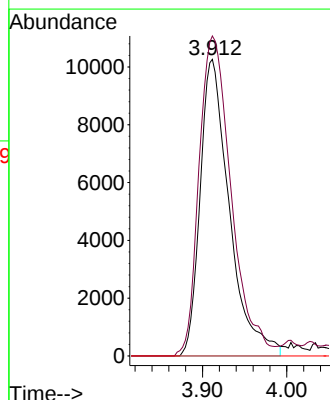
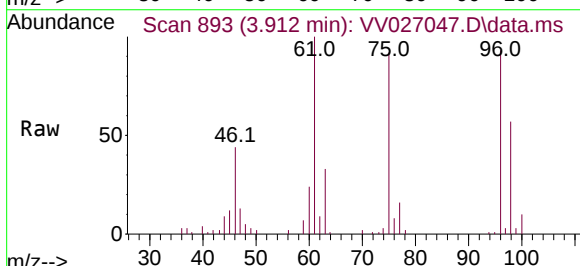
Tgt Ion: 96 Resp: 24813

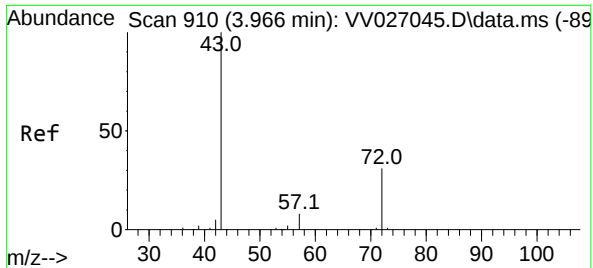
Ion Ratio Lower Upper

96 100

61 107.9 81.8 151.8

68 0.0 0.0 0.0

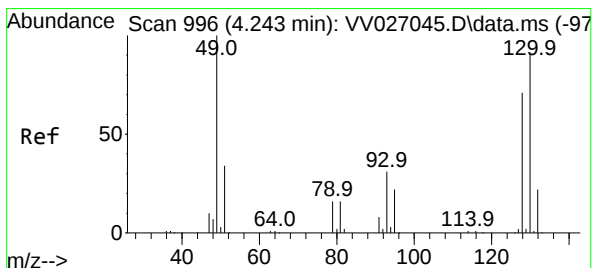
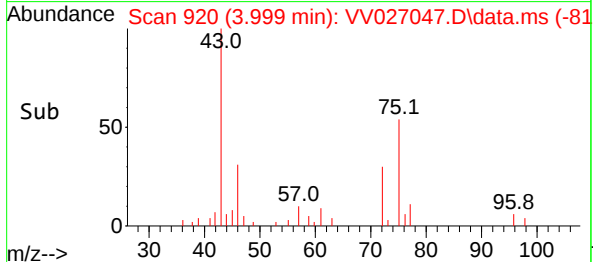
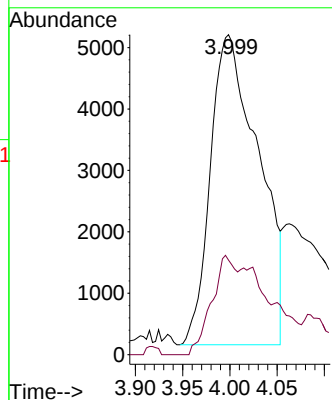
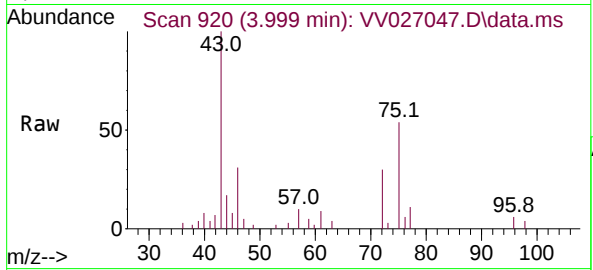




#22
2-Butanone
Concen: 6.444 ug/L
RT: 3.999 min Scan# 910
Delta R.T. 0.032 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

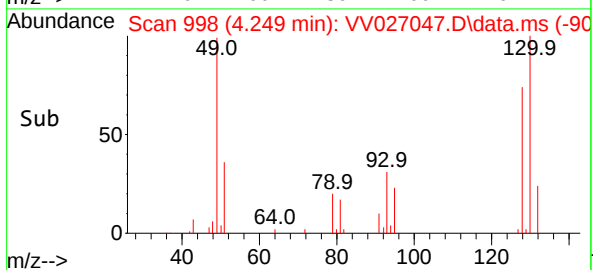
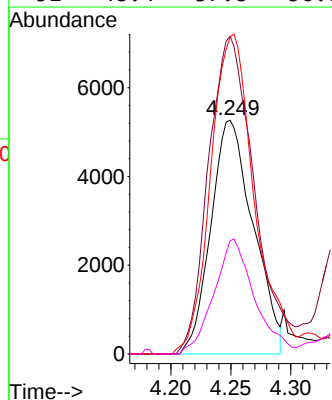
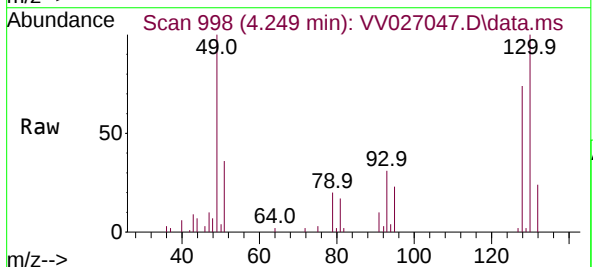
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

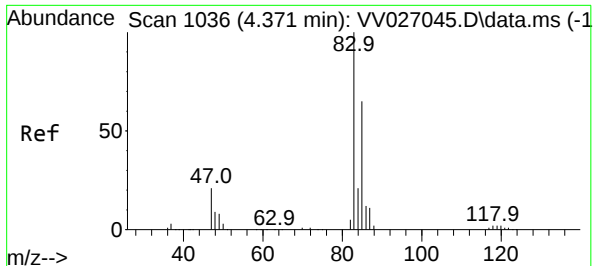
Tgt Ion: 43 Resp: 17860
Ion Ratio Lower Upper
43 100
72 16.2 11.9 35.7



#23
Bromochloromethane
Concen: 5.362 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion:128 Resp: 12942
Ion Ratio Lower Upper
128 100
49 135.9 98.7 183.3
130 135.6 89.5 166.1
51 48.4 37.8 56.8





#25

Chloroform

Concen: 5.927 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

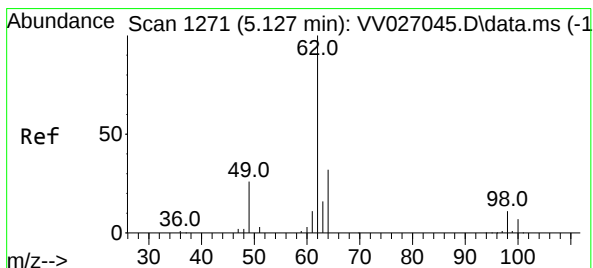
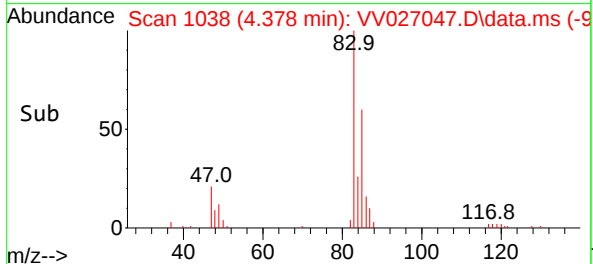
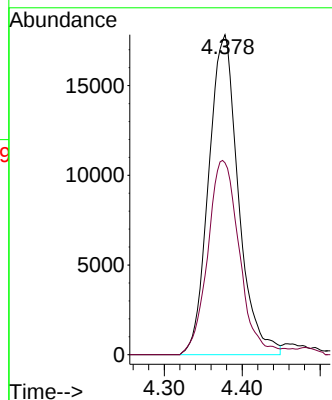
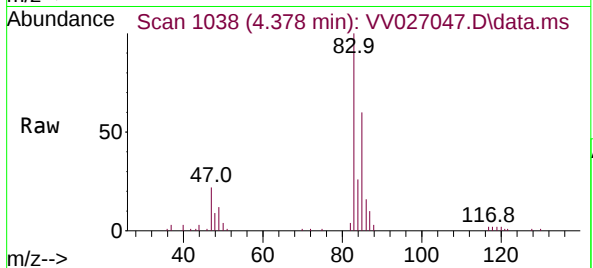
VSTD005244

Tgt Ion: 83 Resp: 47282

Ion Ratio Lower Upper

83 100

85 59.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.704 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV027047.D

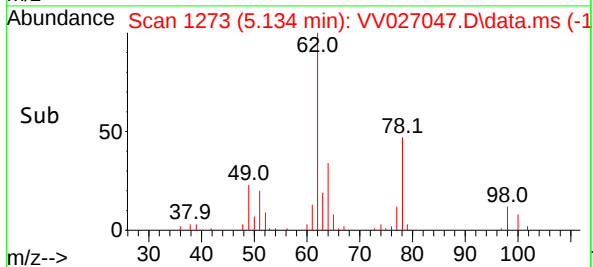
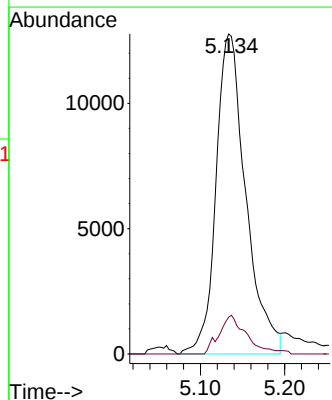
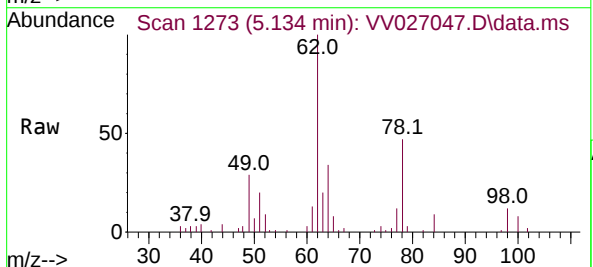
Acq: 28 Jul 2022 19:10

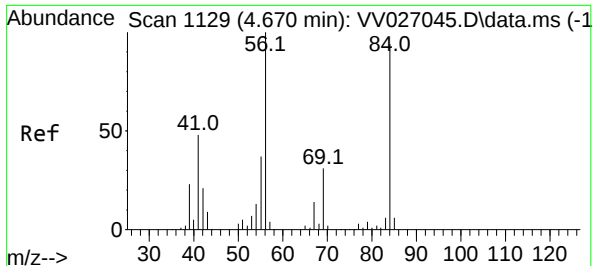
Tgt Ion: 62 Resp: 31311

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.6





#29

Cyclohexane

Concen: 5.075 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

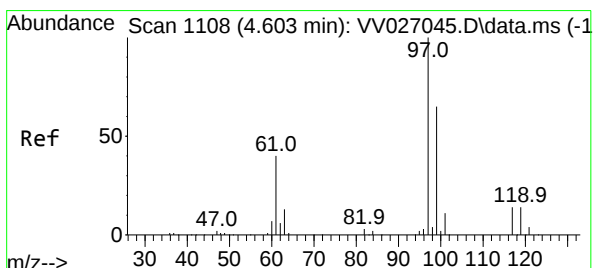
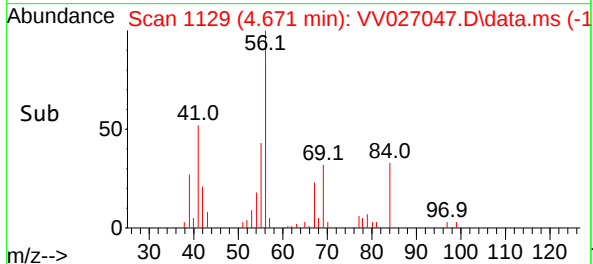
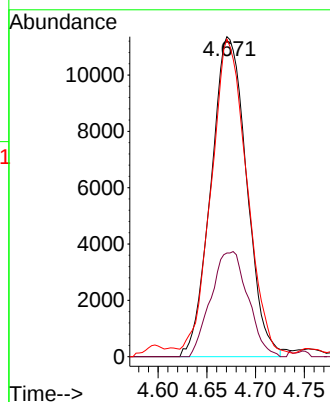
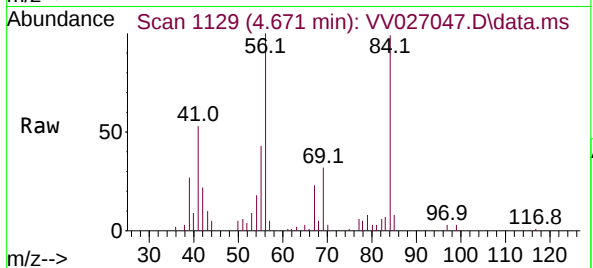
Tgt Ion: 56 Resp: 28802

Ion Ratio Lower Upper

56 100

69 34.1 25.9 38.9

84 97.9 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 5.898 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

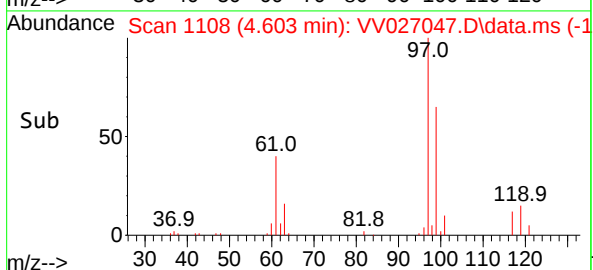
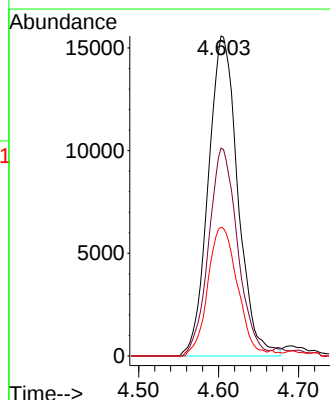
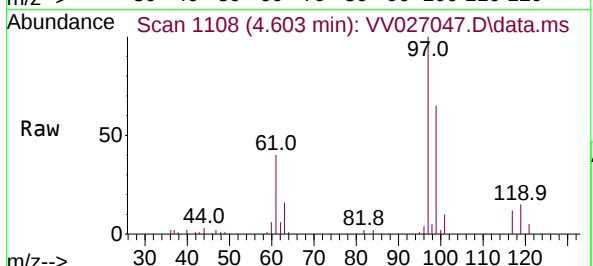
Tgt Ion: 97 Resp: 39983

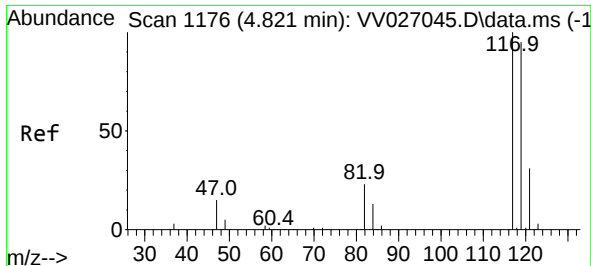
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 40.3 32.1 48.1

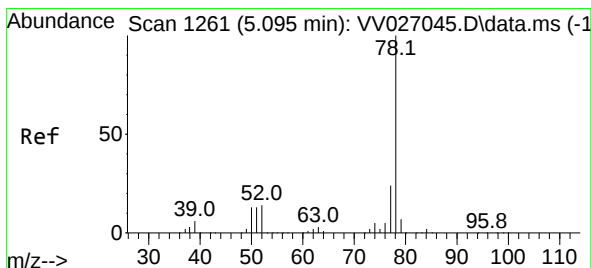
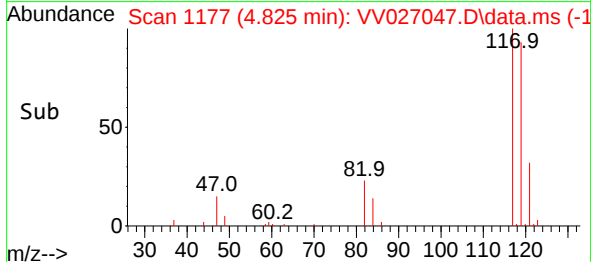
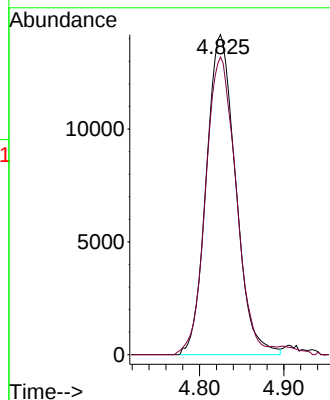
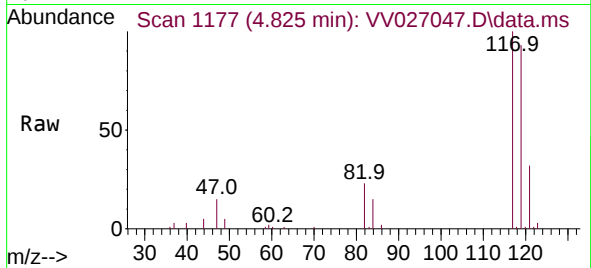




#31
Carbon tetrachloride
Concen: 5.816 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

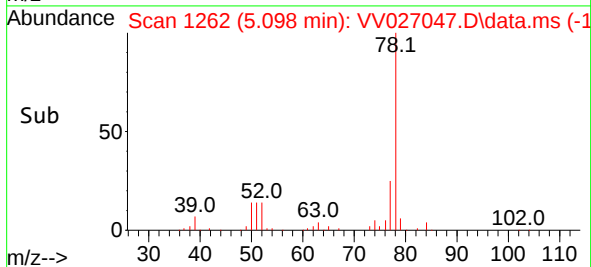
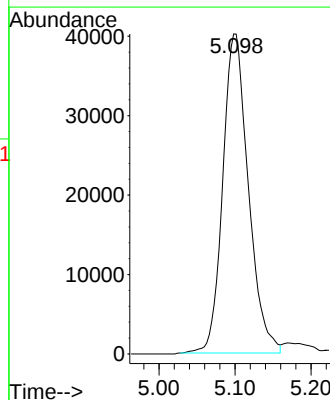
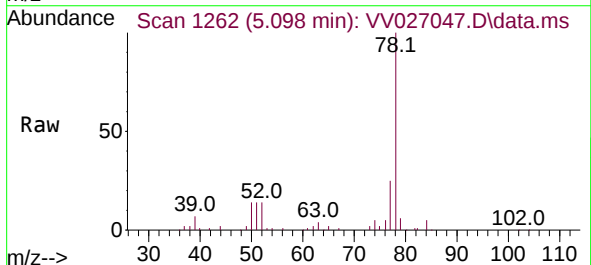
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

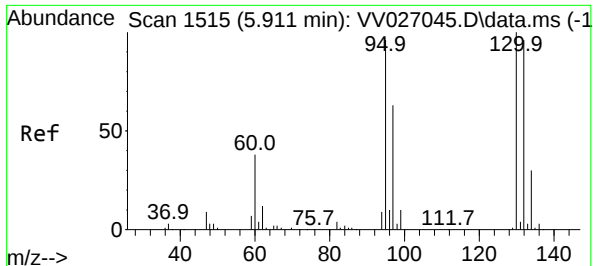
Tgt Ion:117 Resp: 34324
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 5.533 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 78 Resp: 94176

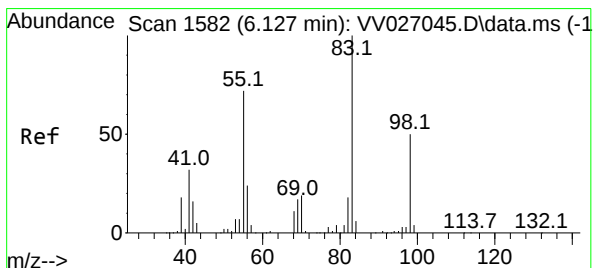
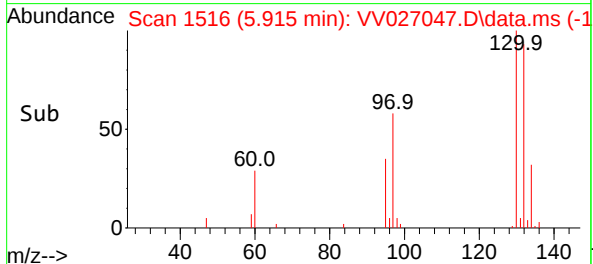
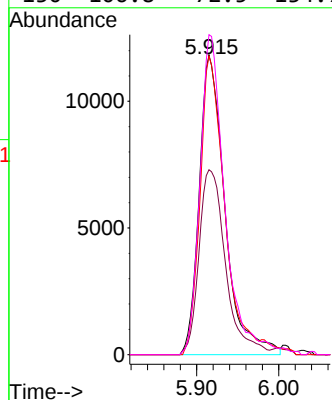
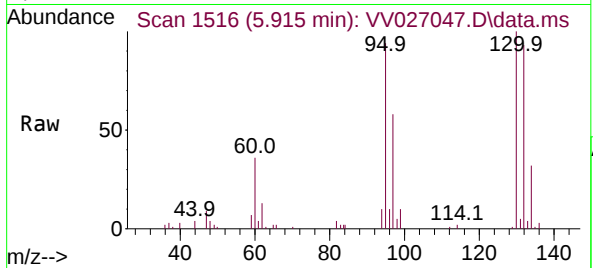




#34
Trichloroethene
Concen: 5.898 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

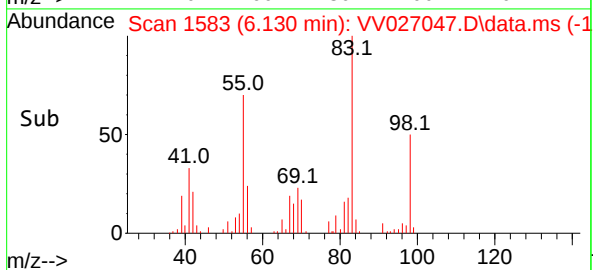
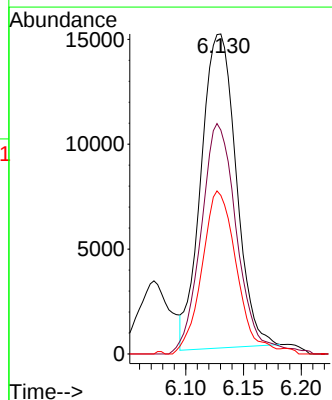
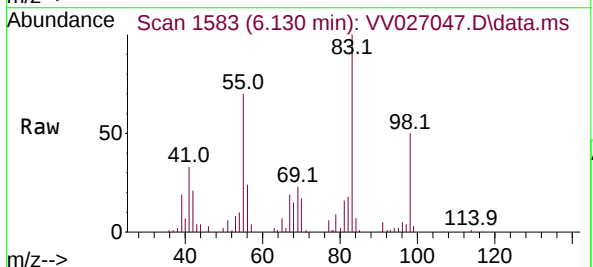
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

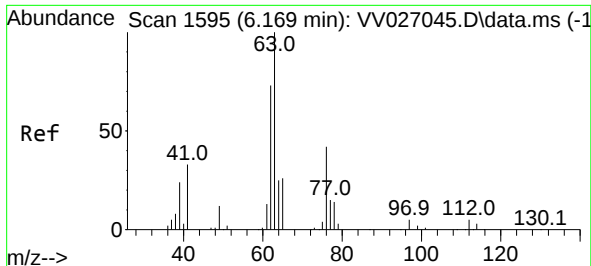
Tgt Ion: 95 Resp: 25836
Ion Ratio Lower Upper
95 100
97 61.8 45.9 85.3
132 99.6 69.8 129.6
130 106.8 72.5 134.7



#35
Methylcyclohexane
Concen: 4.841 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 83 Resp: 31638
Ion Ratio Lower Upper
83 100
55 75.5 55.5 83.3
98 51.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.545 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

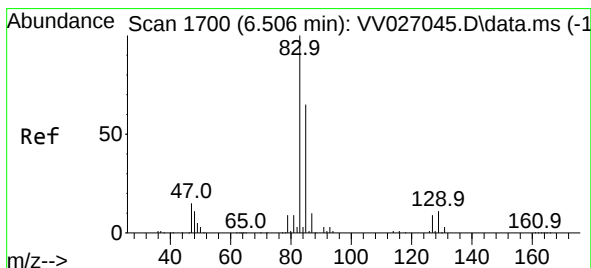
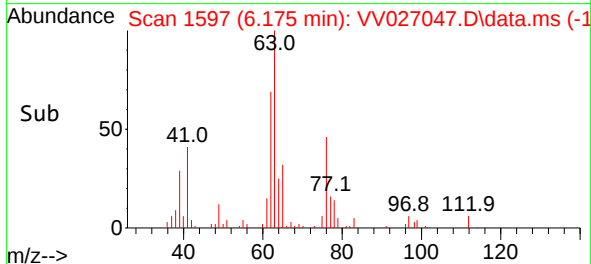
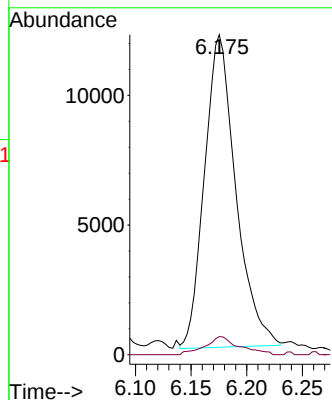
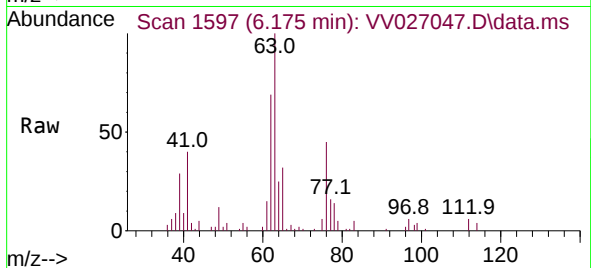
VSTD005244

Tgt Ion: 63 Resp: 23620

Ion Ratio Lower Upper

63 100

112 6.3 3.7 5.5#



#38

Bromodichloromethane

Concen: 5.544 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

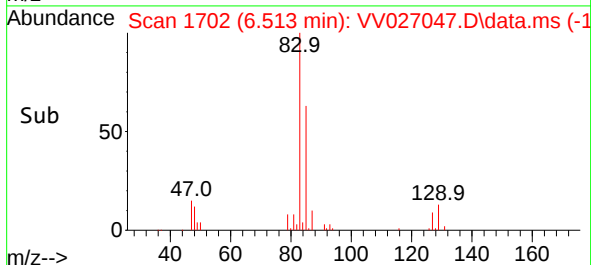
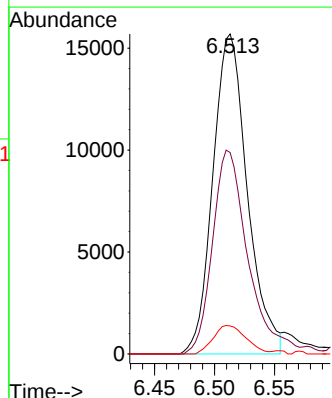
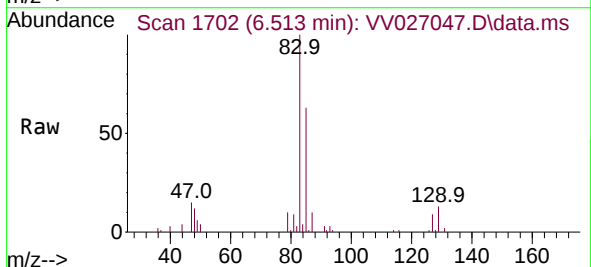
Tgt Ion: 83 Resp: 31367

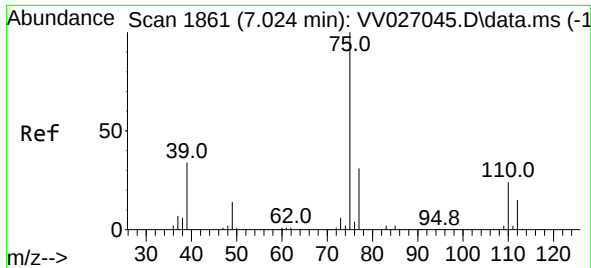
Ion Ratio Lower Upper

83 100

85 62.9 45.5 84.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.615 ug/L

RT: 7.034 min Scan# 1861

Delta R.T. 0.010 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

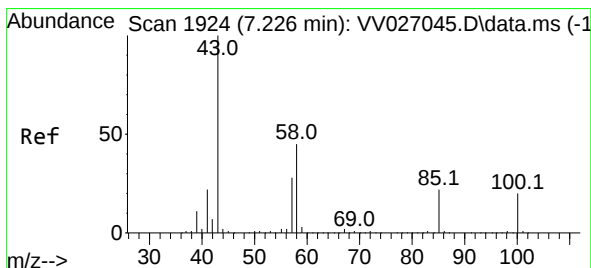
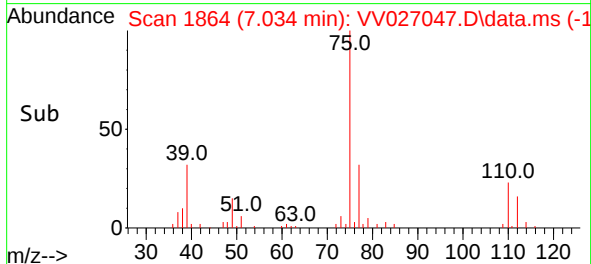
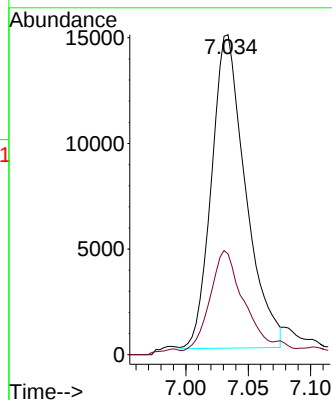
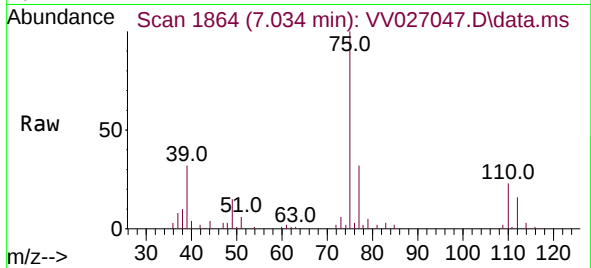
VSTD005244

Tgt Ion: 75 Resp: 28203

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 10.166 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

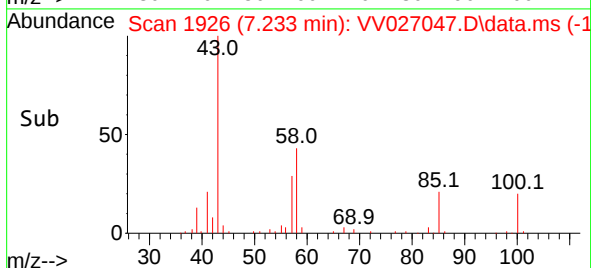
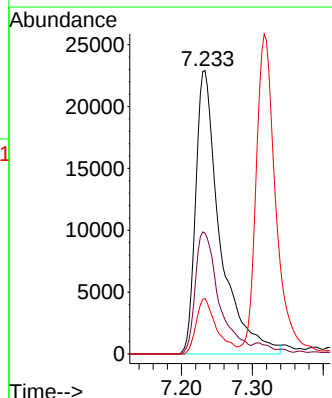
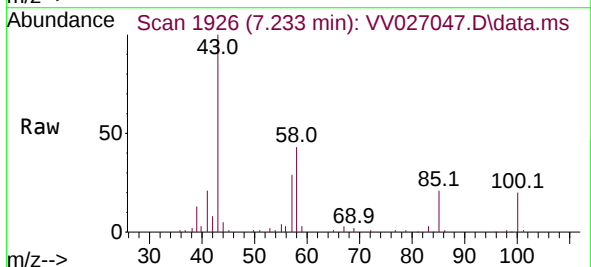
Tgt Ion: 43 Resp: 54777

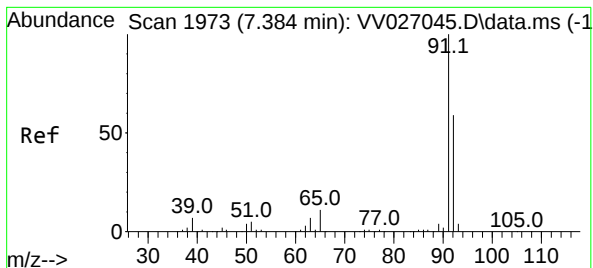
Ion Ratio Lower Upper

43 100

58 41.8 35.3 52.9

100 16.4 15.7 23.5





#42

Toluene

Concen: 5.224 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.007 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

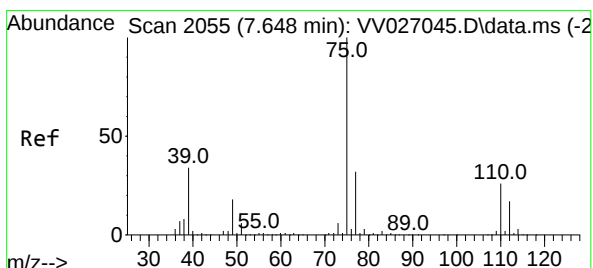
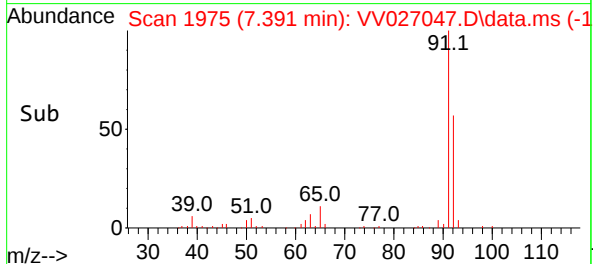
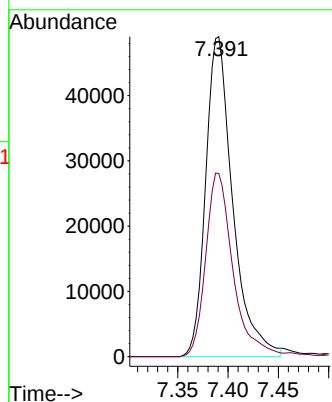
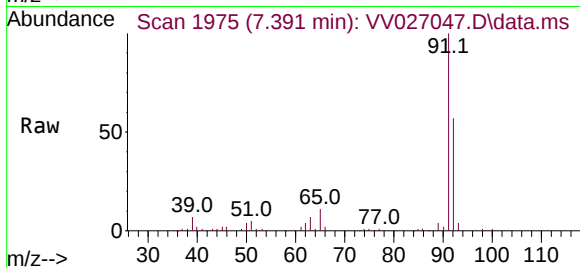
VSTD005244

Tgt Ion: 91 Resp: 91676

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 4.887 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV027047.D

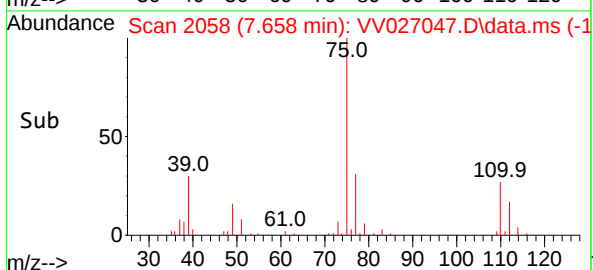
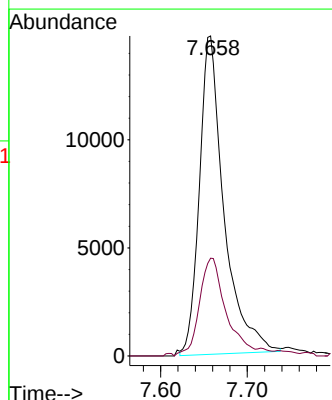
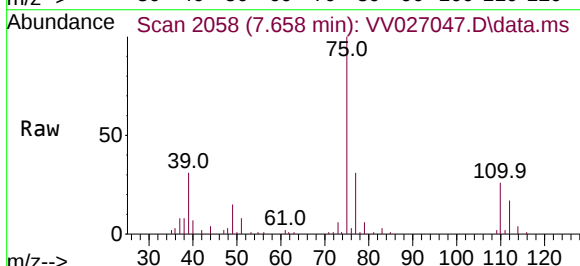
Acq: 28 Jul 2022 19:10

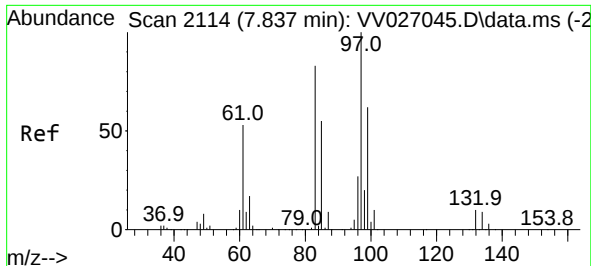
Tgt Ion: 75 Resp: 29036

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.709 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

Tgt Ion: 97 Resp: 26037

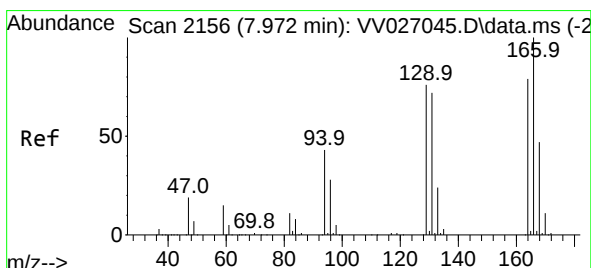
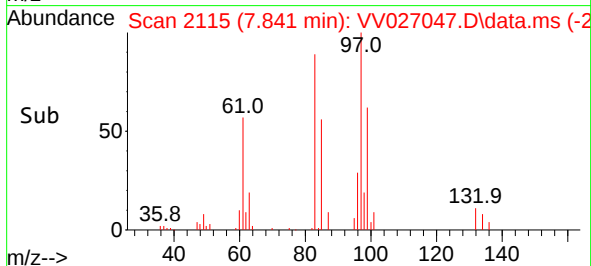
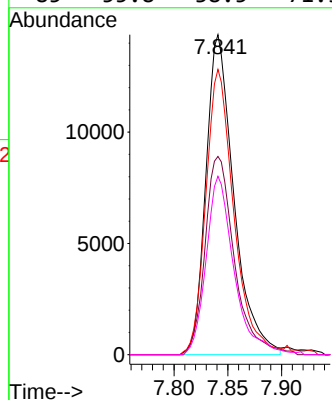
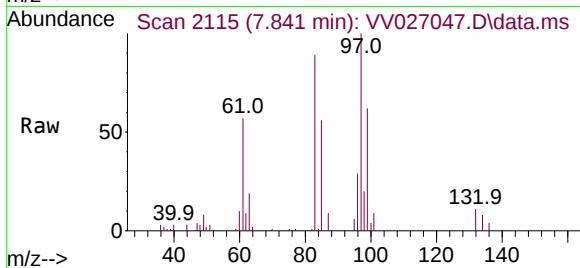
Ion Ratio Lower Upper

97 100

99 62.0 43.2 80.2

83 89.1 58.0 107.6

85 55.8 38.5 71.5



#46

Tetrachloroethene

Concen: 5.988 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Tgt Ion: 164 Resp: 20517

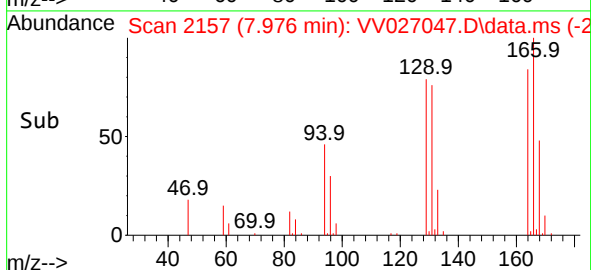
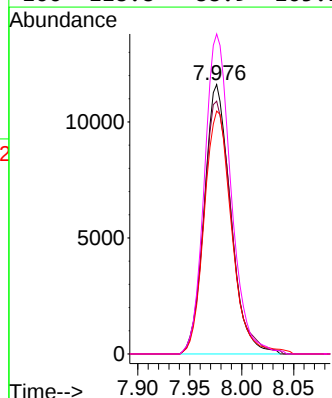
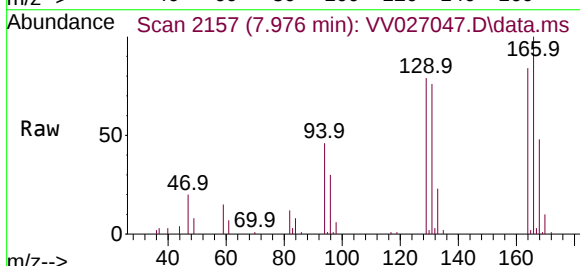
Ion Ratio Lower Upper

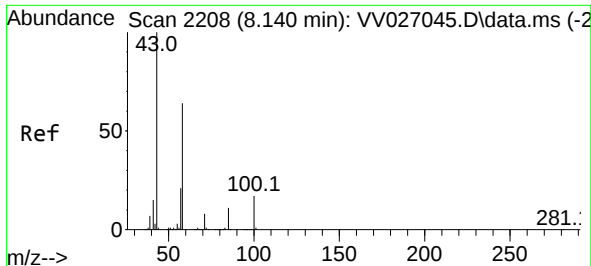
164 100

129 93.8 67.5 125.4

131 90.1 64.3 119.3

166 118.8 88.9 165.1

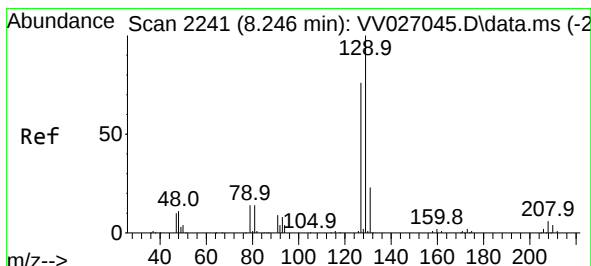
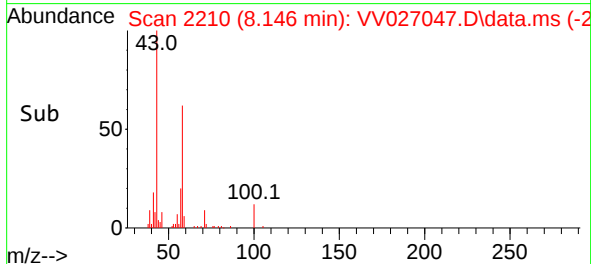
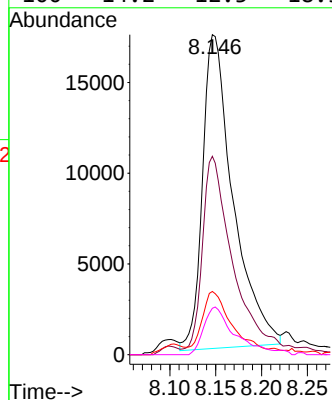
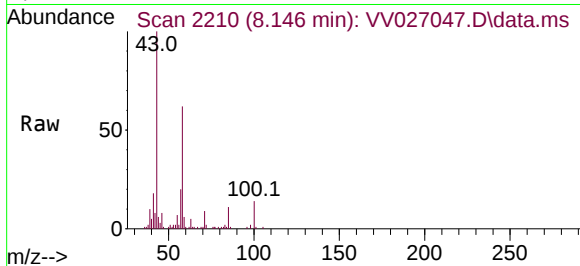




#48
2-Hexanone
Concen: 9.447 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.007 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

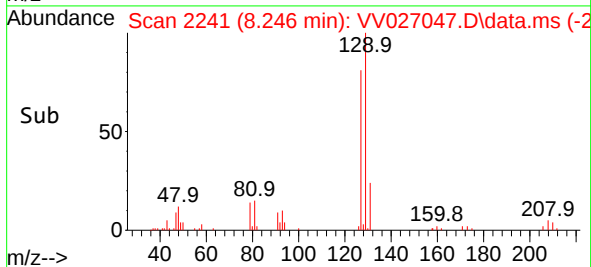
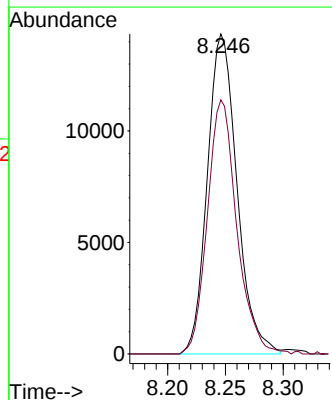
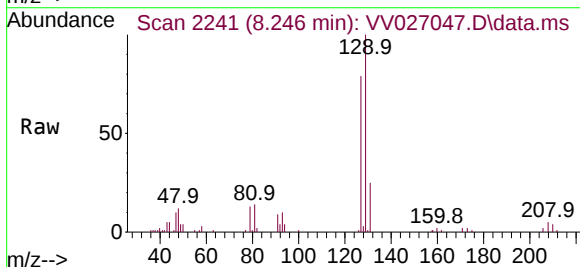
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

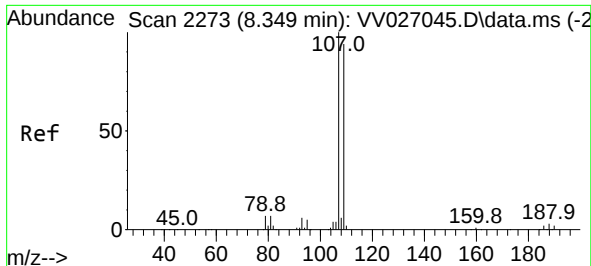
Tgt Ion:	43	Resp:	40115
Ion	Ratio	Lower	Upper
43	100		
58	60.1	50.8	76.2
57	20.0	17.1	25.7
100	14.2	12.3	18.5



#49
Dibromochloromethane
Concen: 5.465 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion:	129	Resp:	25633
Ion	Ratio	Lower	Upper
129	100		
127	79.4	53.3	98.9

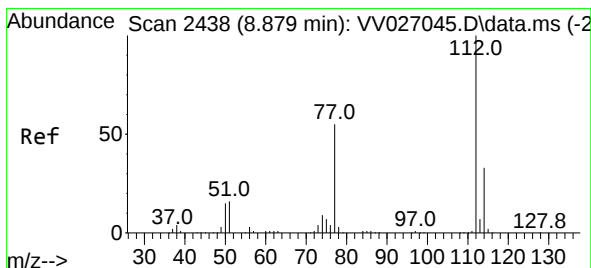
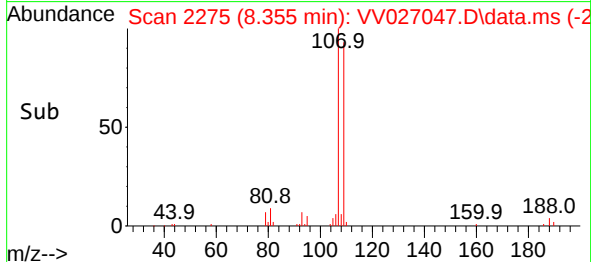
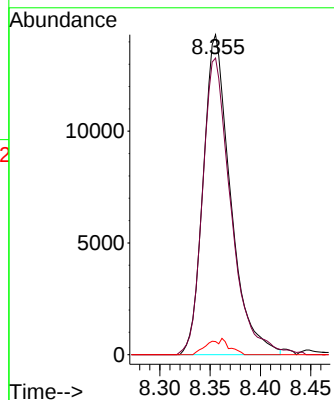
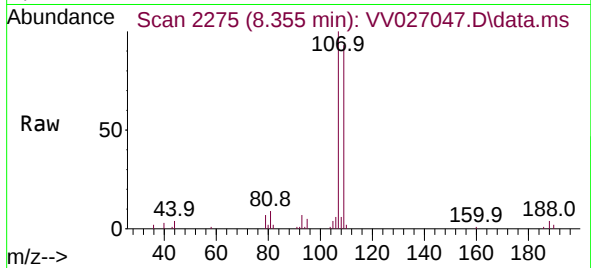




#50
1,2-Dibromoethane
Concen: 5.656 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

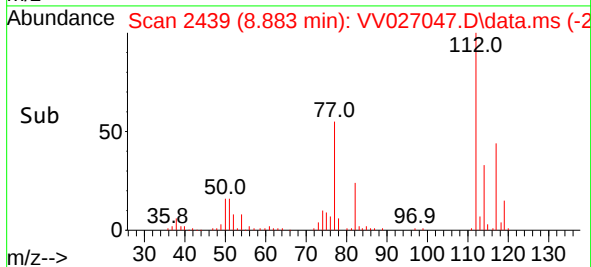
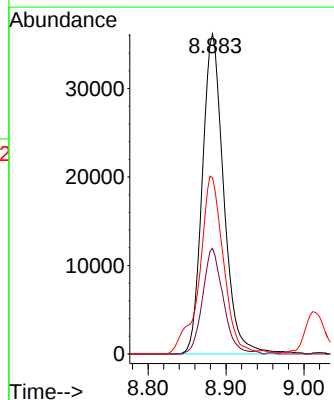
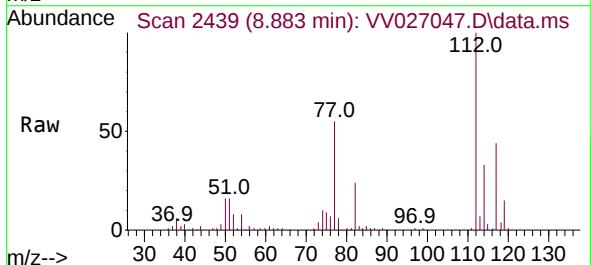
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

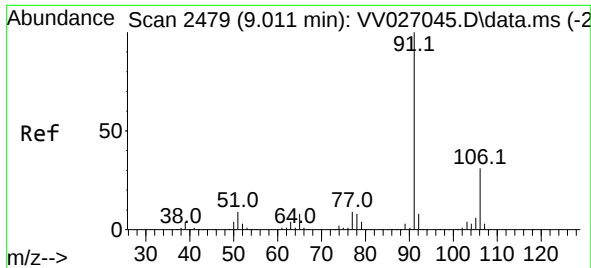
Tgt Ion:107 Resp: 27052
Ion Ratio Lower Upper
107 100
109 92.7 65.7 121.9
188 4.1 2.7 4.1#



#51
Chlorobenzene
Concen: 5.824 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion:112 Resp: 68935
Ion Ratio Lower Upper
112 100
114 33.0 22.8 42.4
77 55.1 44.2 66.2

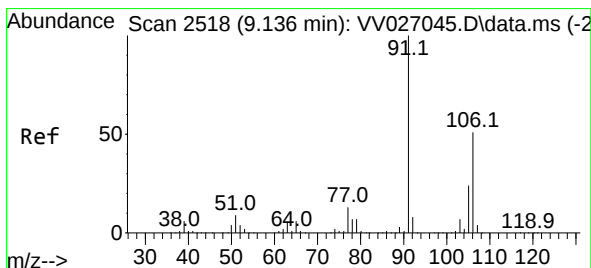
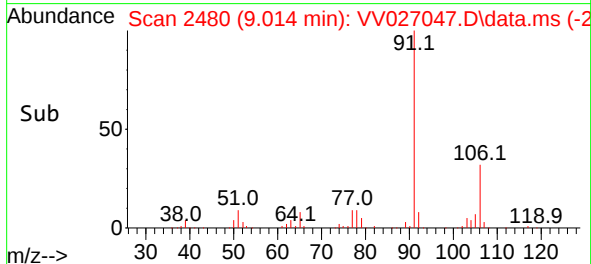
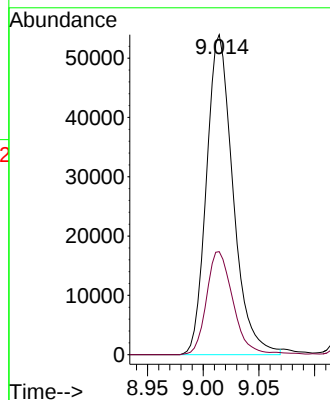
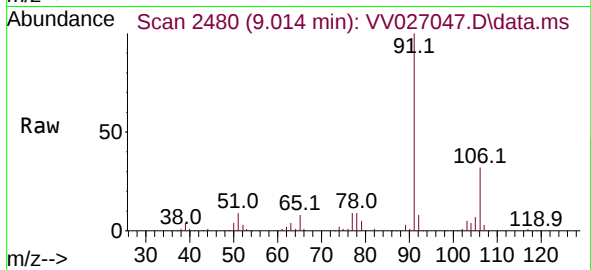




#52
Ethylbenzene
Concen: 5.038 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

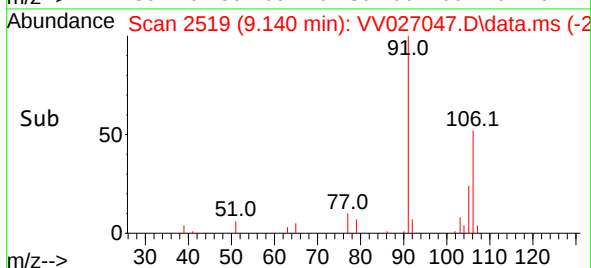
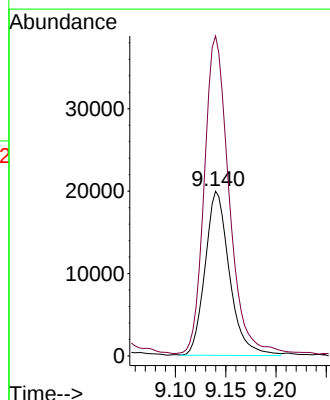
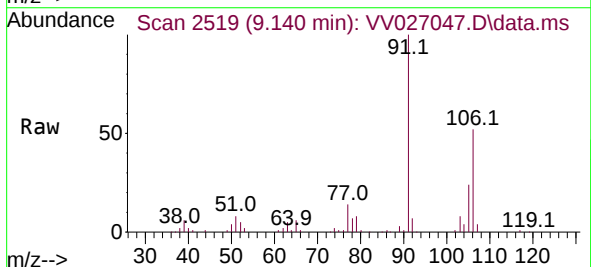
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

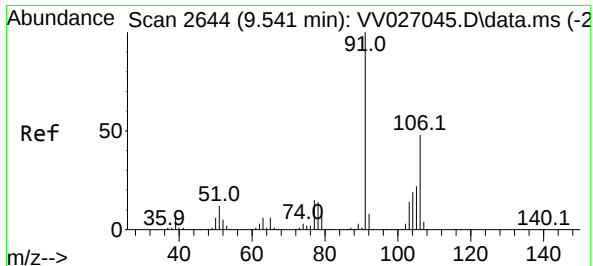
Tgt Ion: 91 Resp: 89529
Ion Ratio Lower Upper
91 100
106 32.2 21.8 40.6



#53
m,p-Xylene
Concen: 4.815 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 106 Resp: 33653
Ion Ratio Lower Upper
106 100
91 194.1 137.5 255.3





#54

o-Xylene

Concen: 4.716 ug/L

RT: 9.545 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

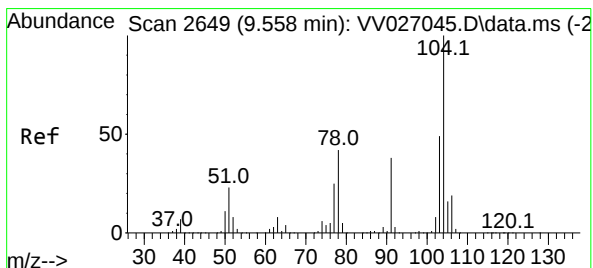
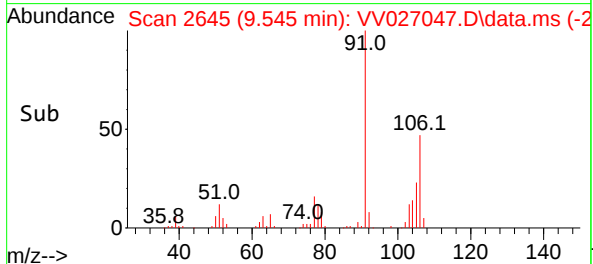
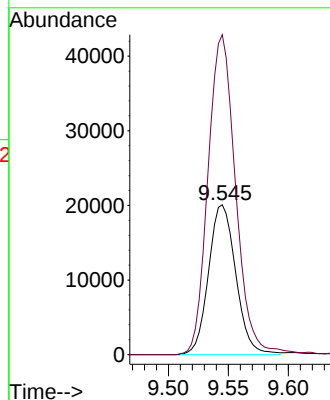
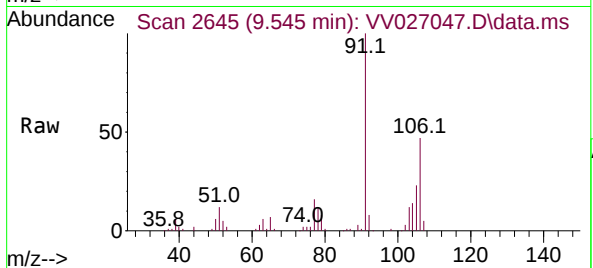
VSTD005244

Tgt Ion:106 Resp: 31742

Ion Ratio Lower Upper

106 100

91 213.4 146.6 272.2



#55

Styrene

Concen: 4.551 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.007 min

Lab File: VV027047.D

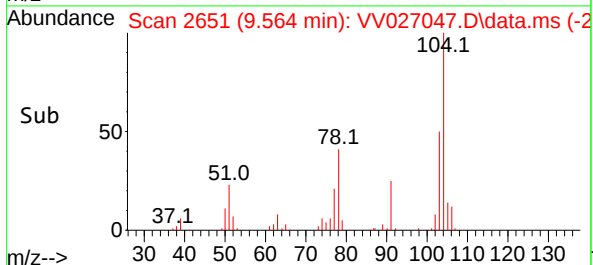
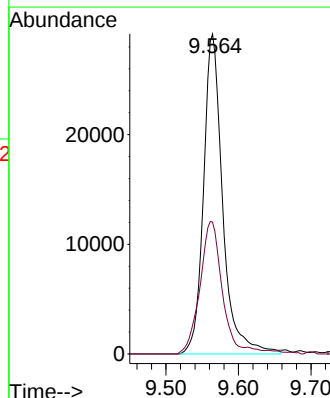
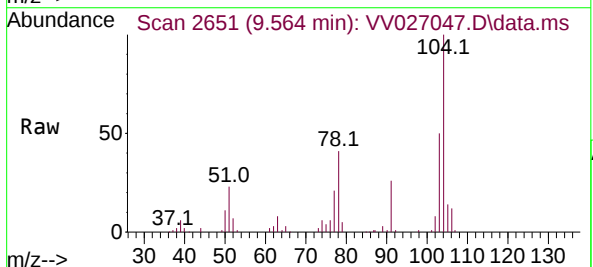
Acq: 28 Jul 2022 19:10

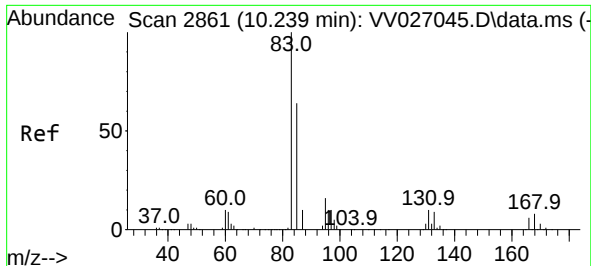
Tgt Ion:104 Resp: 53608

Ion Ratio Lower Upper

104 100

78 41.2 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.724 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

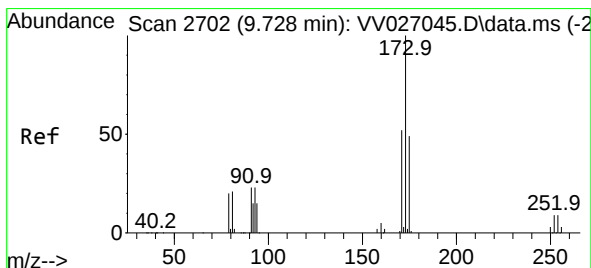
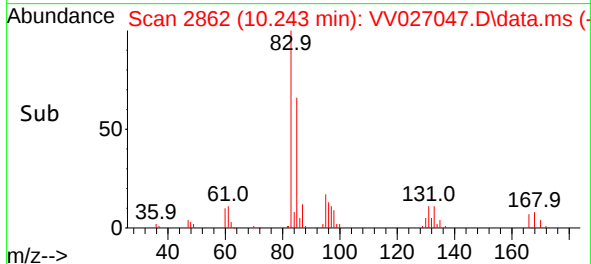
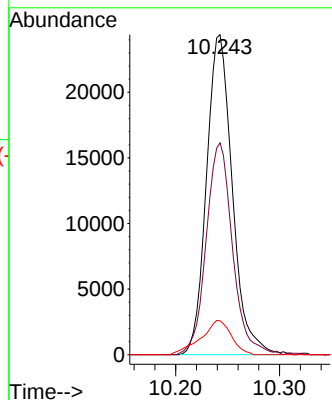
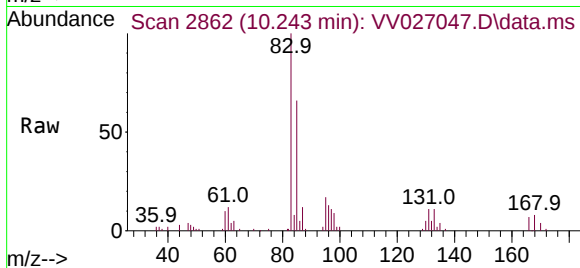
Tgt Ion: 83 Resp: 42090

Ion Ratio Lower Upper

83 100

85 66.2 45.2 84.0

131 10.6 8.1 12.1



#59

Bromoform

Concen: 5.873 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

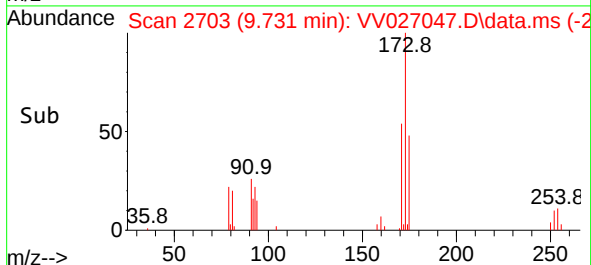
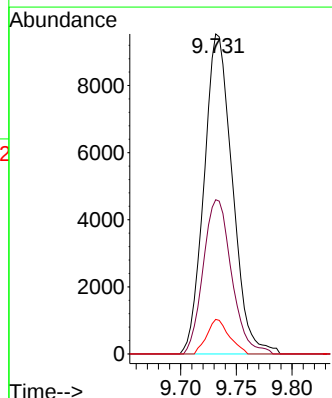
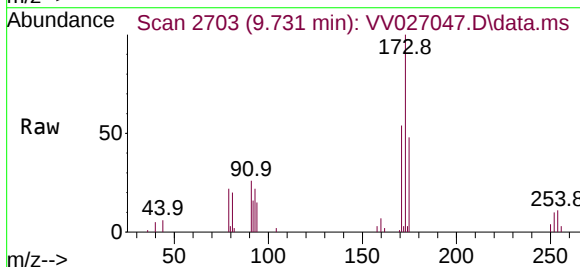
Tgt Ion: 173 Resp: 16849

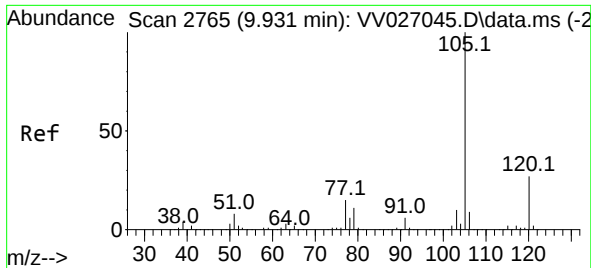
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 8.5 6.9 10.3

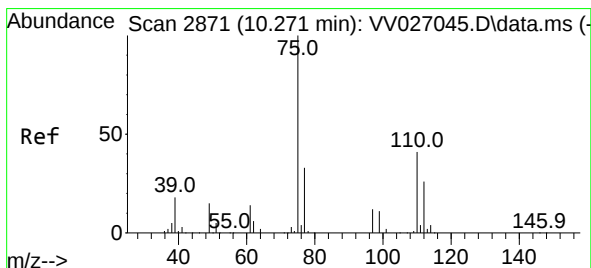
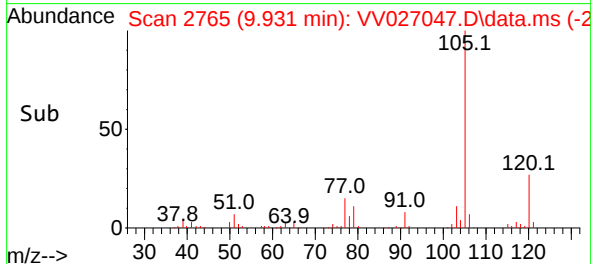
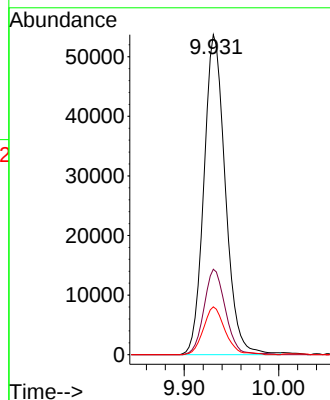
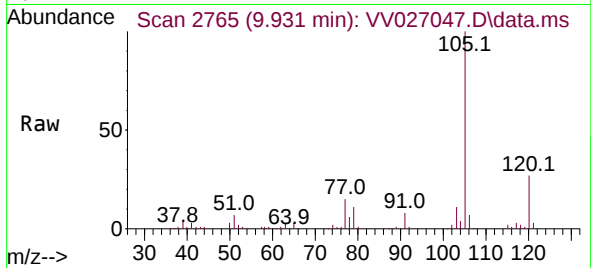




#60
Isopropylbenzene
Concen: 5.365 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

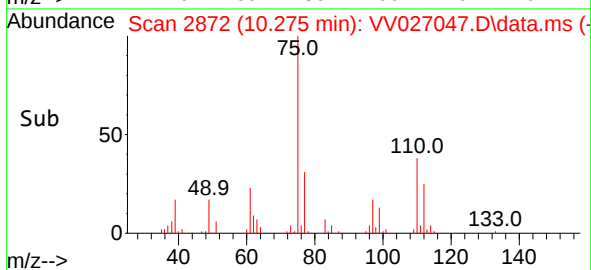
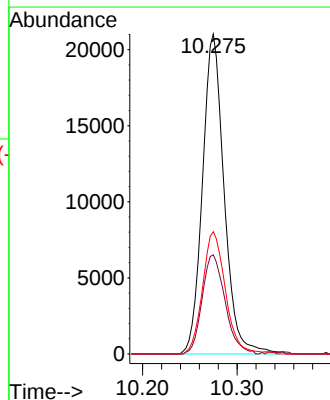
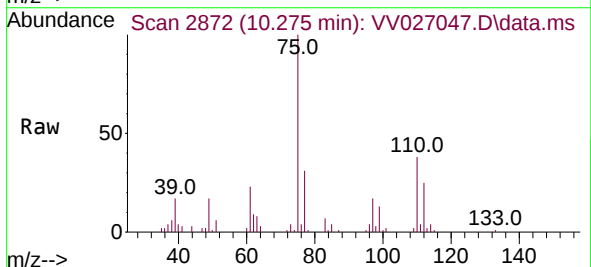
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

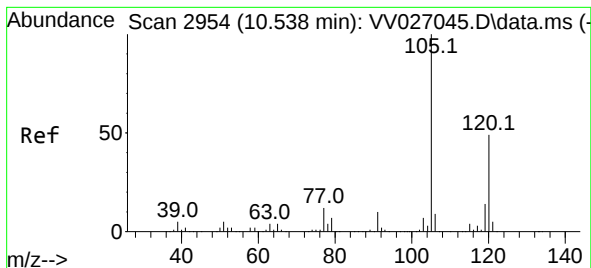
Tgt Ion:105 Resp: 84561
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 6.320 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 75 Resp: 33475
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 40.2 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 5.192 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

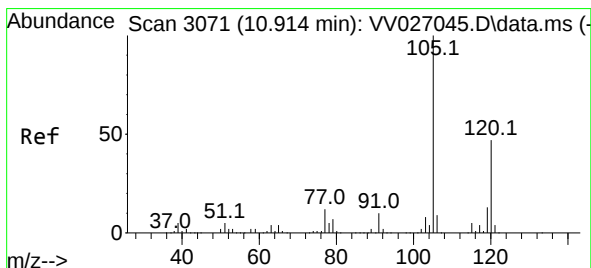
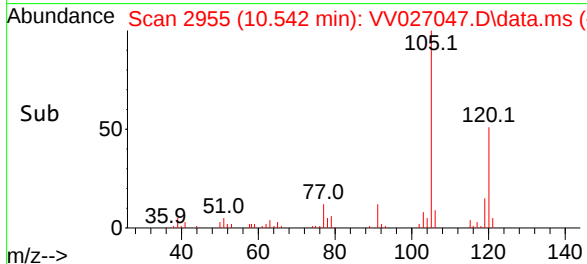
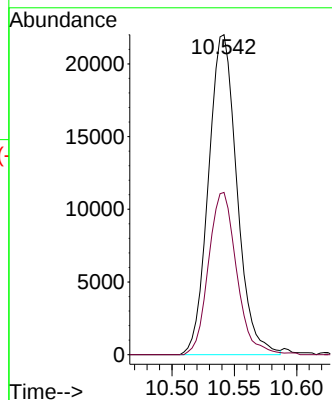
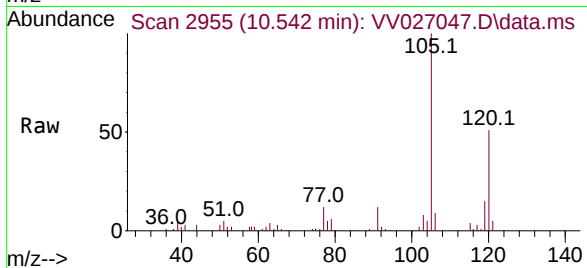
VSTD005244

Tgt Ion:105 Resp: 35023

Ion Ratio Lower Upper

105 100

120 50.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 4.908 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027047.D

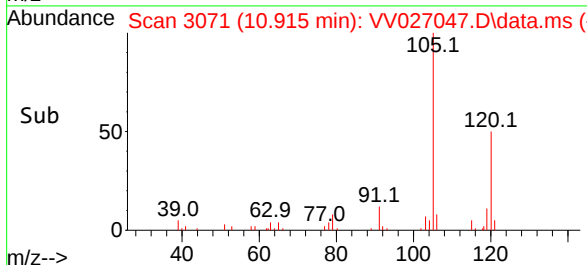
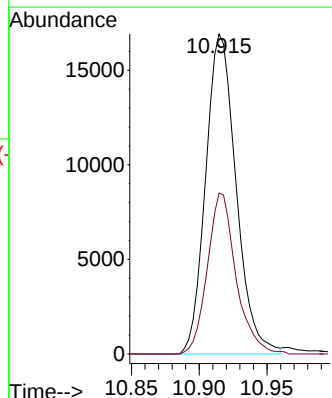
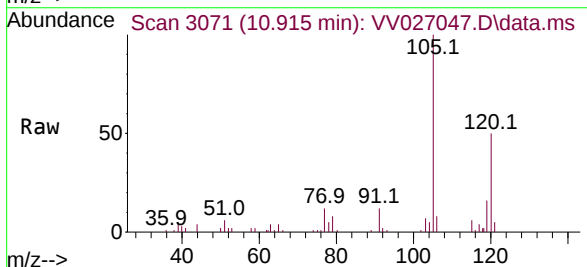
Acq: 28 Jul 2022 19:10

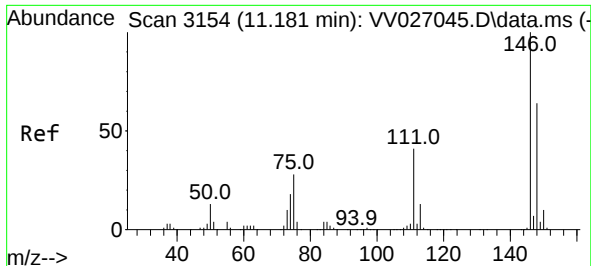
Tgt Ion:105 Resp: 26422

Ion Ratio Lower Upper

105 100

120 47.2 37.0 55.6

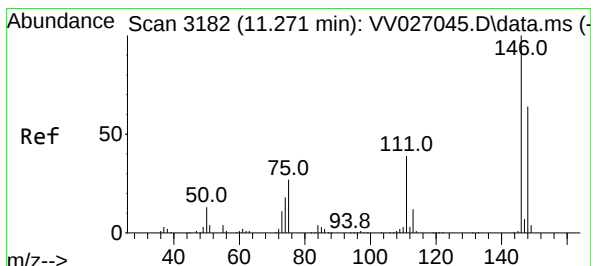
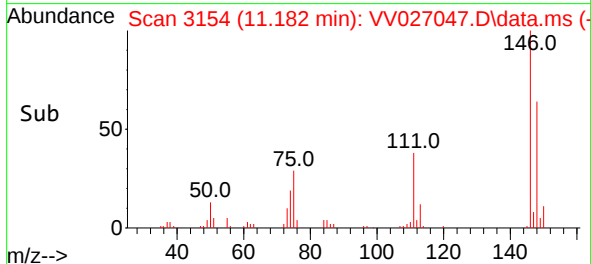
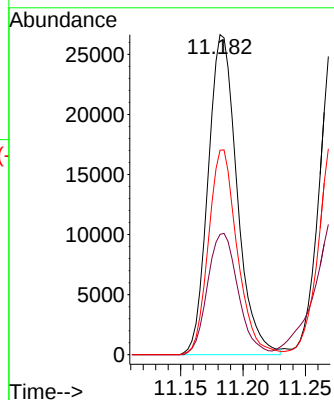
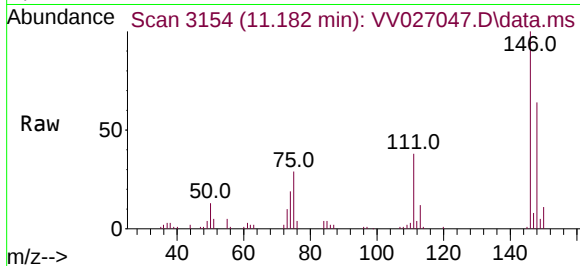




#64
 1,3-Dichlorobenzene
 Concen: 5.632 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

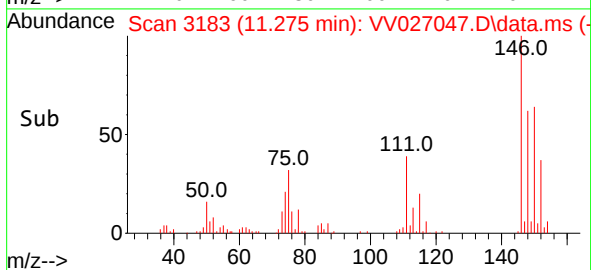
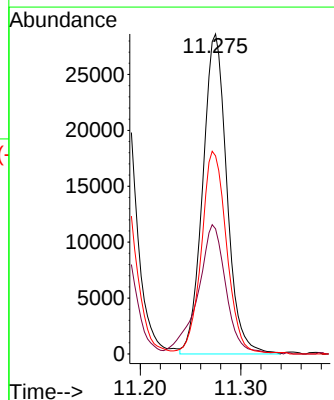
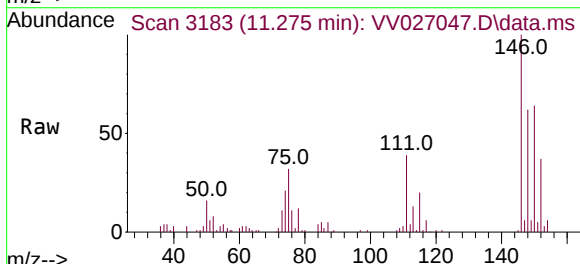
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

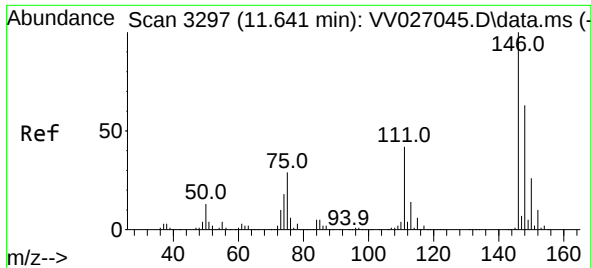
Tgt Ion:146 Resp: 43087
 Ion Ratio Lower Upper
 146 100
 111 37.6 28.4 52.8
 148 63.9 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 5.918 ug/L
 RT: 11.275 min Scan# 3183
 Delta R.T. 0.003 min
 Lab File: VV027047.D
 Acq: 28 Jul 2022 19:10

Tgt Ion:146 Resp: 47713
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.4 51.0
 148 61.9 44.6 82.8

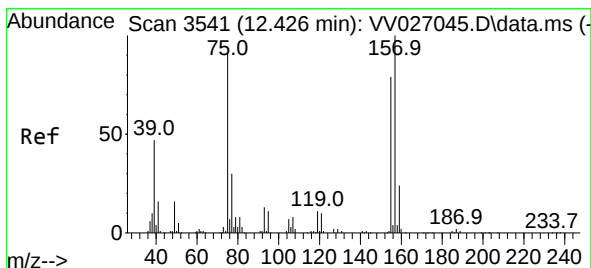
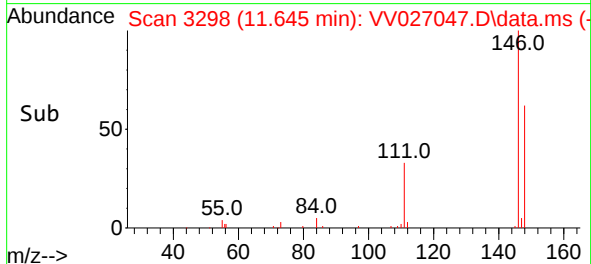
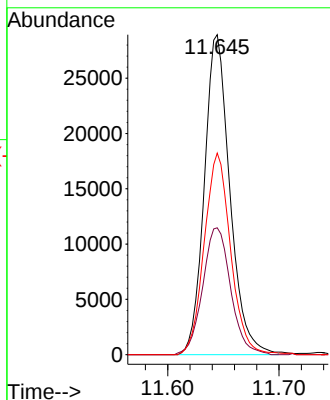
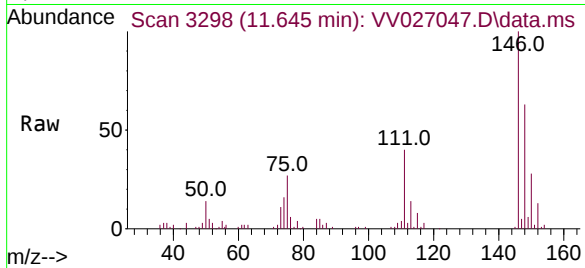




#67
1,2-Dichlorobenzene
Concen: 5.781 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

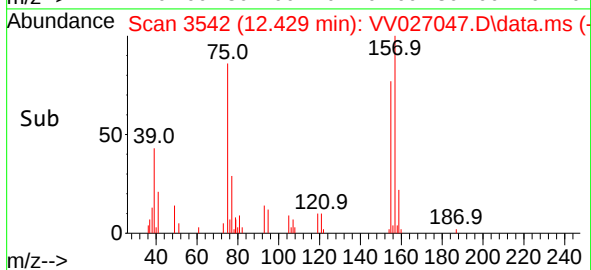
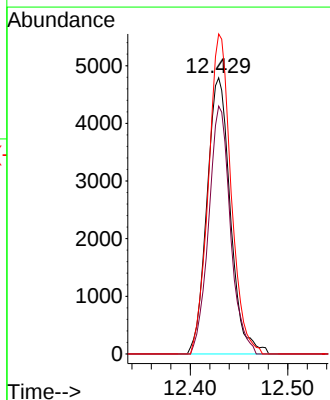
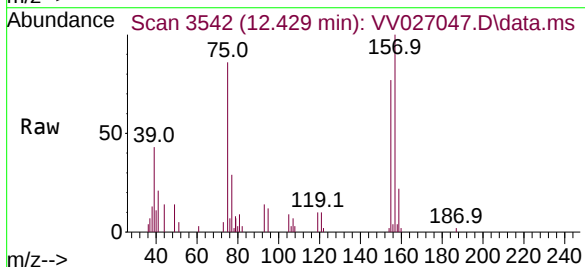
Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

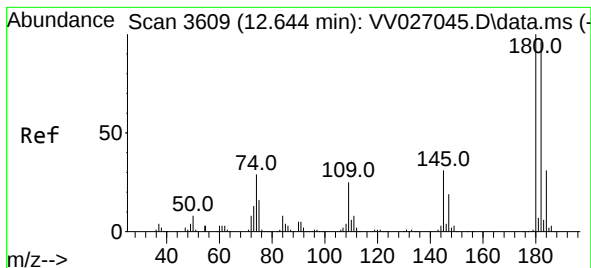
Tgt Ion:146 Resp: 46191
Ion Ratio Lower Upper
146 100
111 39.7 34.0 51.0
148 63.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.754 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 75 Resp: 7991
Ion Ratio Lower Upper
75 100
155 89.7 69.1 103.7
157 115.9 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 5.546 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005244

Tgt Ion:180 Resp: 28779

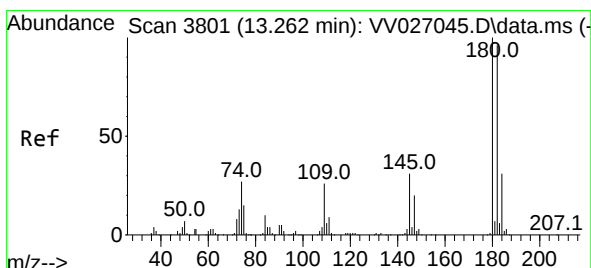
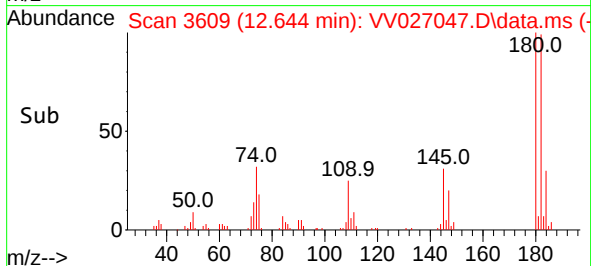
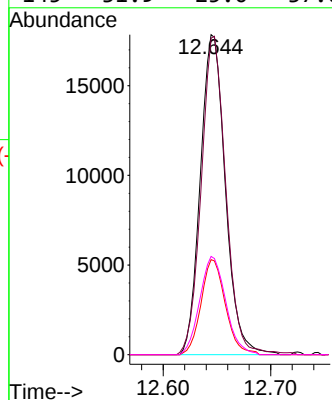
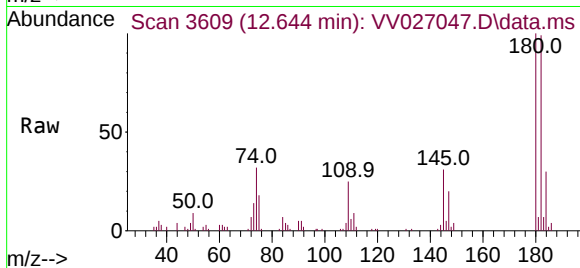
Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

184 29.0 24.8 37.2

145 31.9 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.374 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV027047.D

Acq: 28 Jul 2022 19:10

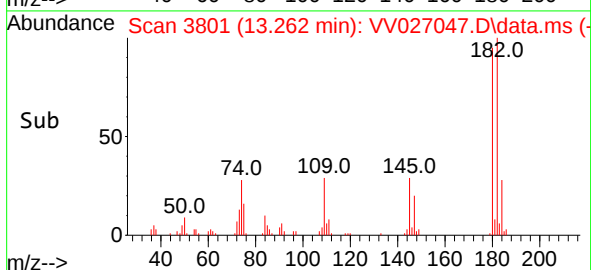
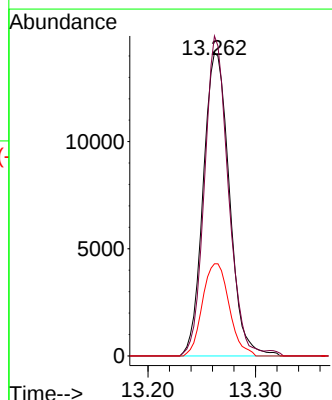
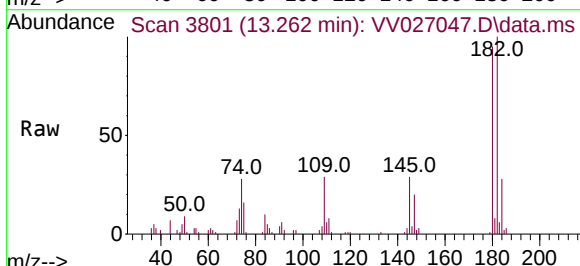
Tgt Ion:180 Resp: 23868

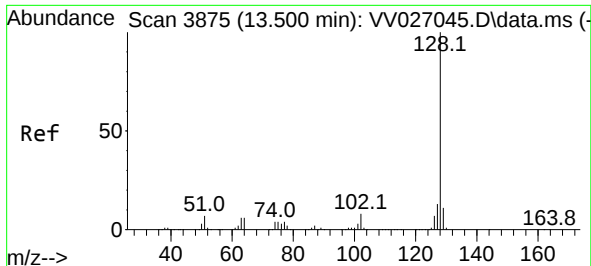
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 31.0 24.7 37.1

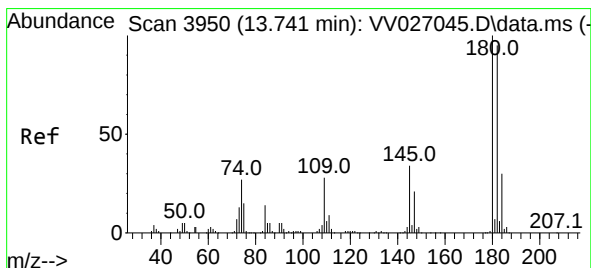
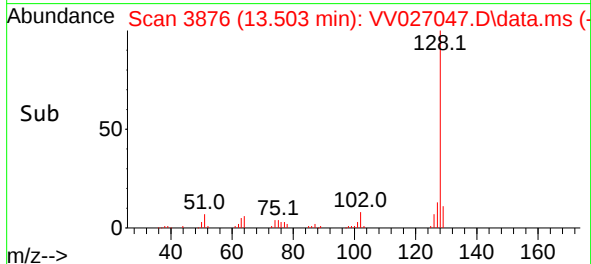
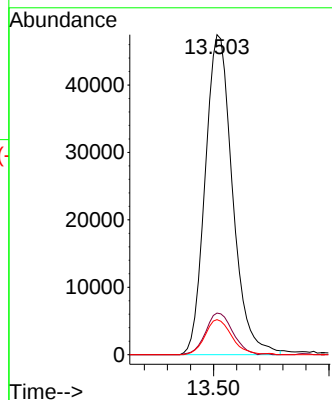
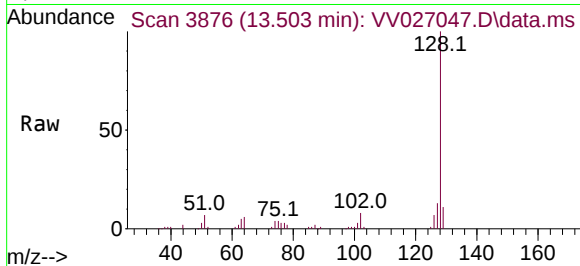




#71
Naphthalene
Concen: 5.042 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005244

Tgt Ion:	128	Resp:	77921
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 5.320 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027047.D
Acq: 28 Jul 2022 19:10

Tgt Ion:	180	Resp:	25628
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.3	114.5
145	33.0	27.4	41.0

