

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026710.D
 Acq On : 11 Jul 2022 18:40
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5201

Quant Time: Jul 12 05:23:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	211155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	208137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	8047	0.444	ug/L	0.00
7) Chloroethane-d5	1.561	69	7902	0.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	17029	0.482	ug/L	0.00
20) 2-Butanone-d5	3.973	46	6170	2.136	ug/L	0.05
24) Chloroform-d	4.349	84	14001	0.436	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	5835	0.415	ug/L	0.00
32) Benzene-d6	5.053	84	24613	0.409	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7727	0.426	ug/L	0.00
41) Toluene-d8	7.320	98	20049	0.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	2416	0.412	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	7743	2.995	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.214	84	6020	0.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7225	0.452	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	13393	0.556	ug/L	96
3) Chloromethane	1.236	50	13944	0.559	ug/L	99
5) Vinyl chloride	1.304	62	12759	0.522	ug/L	93
6) Bromomethane	1.516	94	7829	0.540	ug/L	92
8) Chloroethane	1.577	64	8112	0.553	ug/L	94
9) Trichlorofluoromethane	1.744	101	17043	0.534	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	9542	0.527	ug/L	99
12) 1,1-Dichloroethene	2.108	96	9769	0.554	ug/L	93
13) Acetone	2.323	43	1125	0.442	ug/L	98
14) Carbon disulfide	2.285	76	26893	0.537	ug/L	99
15) Methyl Acetate	2.445	43	2406	0.482	ug/L #	71
16) Methylene chloride	2.500	84	15264	0.700	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	14551	0.470	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	8444	0.512	ug/L	95
19) 1,1-Dichloroethane	3.182	63	15413	0.511	ug/L	95
21) 2-Butanone	4.230	43	312	0.108	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	7378	0.454	ug/L	97
23) Bromochloromethane	4.252	128	3876	0.508	ug/L	95
25) Chloroform	4.371	83	16119	0.506	ug/L	94
27) 1,2-Dichloroethane	5.140	62	8758	0.511	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	13922	0.511	ug/L	97
30) Cyclohexane	4.674	56	9644	0.428	ug/L #	93
31) Carbon tetrachloride	4.821	117	12426	0.516	ug/L	97
33) Benzene	5.101	78	31448	0.475	ug/L	100
34) Trichloroethene	5.918	95	8201	0.502	ug/L	94
35) Methylcyclohexane	6.127	83	11640	0.459	ug/L	98
37) 1,2-Dichloropropane	6.178	63	8135	0.498	ug/L #	96
38) Bromodichloromethane	6.513	83	11087	0.518	ug/L	93
39) cis-1,3-Dichloropropene	7.034	75	9015	0.454	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	28023	3.770	ug/L	96
42) Toluene	7.391	91	28559	0.422	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	6539	0.398	ug/L	92

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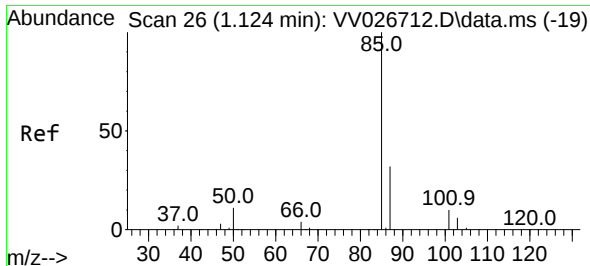
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5201

Quant Time: Jul 12 05:23:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	6035	0.508	ug/L	88
47) Tetrachloroethene	7.976	164	6357	0.495	ug/L	98
48) 2-Hexanone	8.149	43	20325	3.753	ug/L #	90
49) Dibromochloromethane	8.246	129	6466	0.478	ug/L	100
50) 1,2-Dibromoethane	8.358	107	4952	0.470	ug/L #	93
51) Chlorobenzene	8.882	112	20903	0.482	ug/L	94
52) Ethylbenzene	9.014	91	29201	0.427	ug/L	99
53) m,p-Xylene	9.140	106	10586	0.400	ug/L	90
54) o-Xylene	9.545	106	9109	0.369	ug/L	98
55) Styrene	9.564	104	15501	0.353	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	6887	0.486	ug/L	90
59) Bromoform	9.734	173	3292	0.547	ug/L #	97
60) Isopropylbenzene	9.931	105	25094	0.433	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4611	0.538	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	19745	0.427	ug/L	96
63) 1,2,4-Trimethylbenzene	10.914	105	18840	0.402	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	13276	0.469	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	13314	0.467	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	12681	0.476	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.422	75	950	0.522	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.644	180	9804	0.489	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	7226	0.471	ug/L	97
71) Naphthalene	13.503	128	11378	0.448	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	6109	0.431	ug/L	93

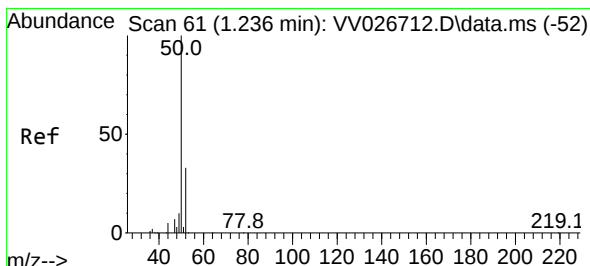
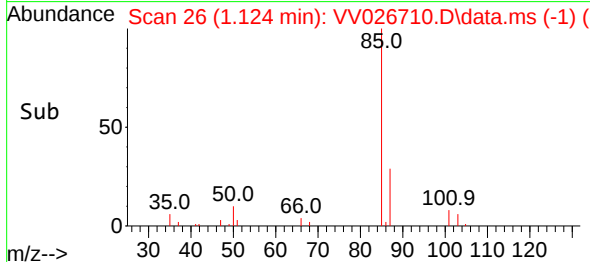
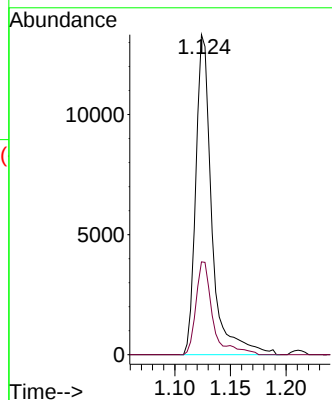
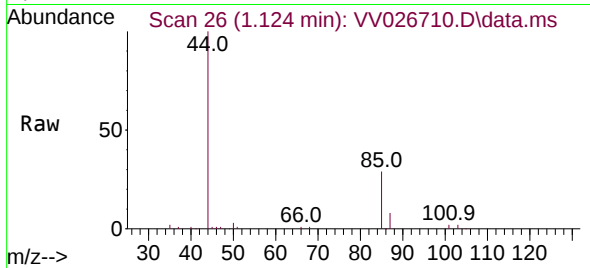
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.556 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV026710.D
 Acq: 11 Jul 2022 18:40

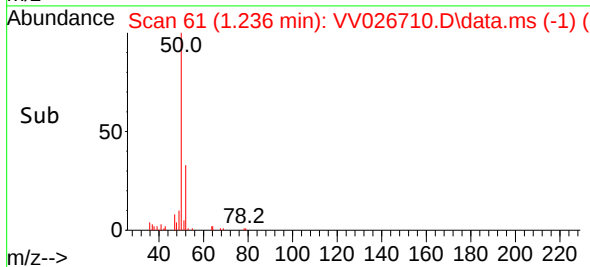
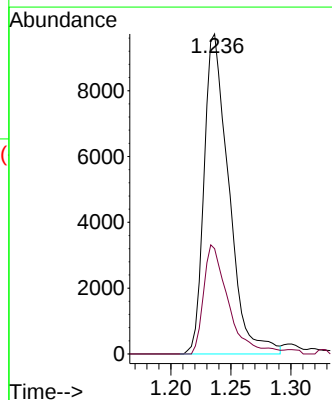
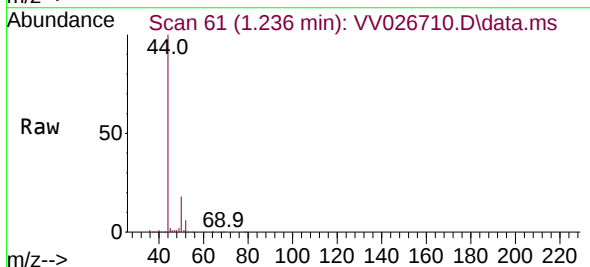
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5201

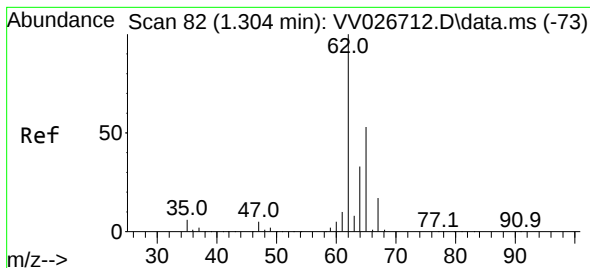
Tgt Ion: 85 Resp: 13393
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.8 38.8



#3
 Chloromethane
 Concen: 0.559 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026710.D
 Acq: 11 Jul 2022 18:40

Tgt Ion: 50 Resp: 13944
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4





#5

Vinyl chloride

Concen: 0.522 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

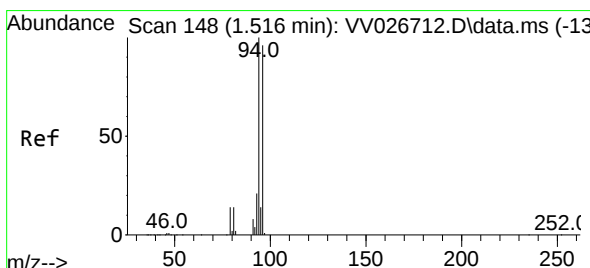
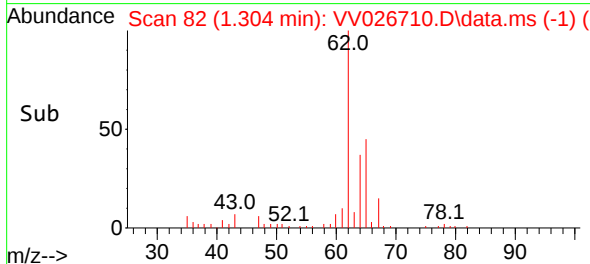
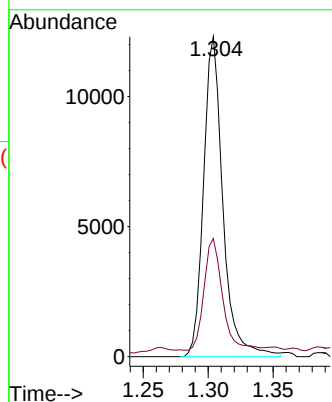
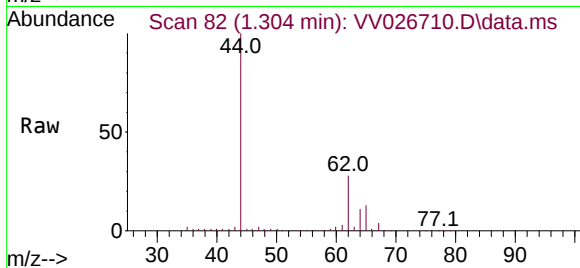
VSTD0.5201

Tgt Ion: 62 Resp: 12759

Ion Ratio Lower Upper

62 100

64 36.9 22.9 42.5



#6

Bromomethane

Concen: 0.540 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV026710.D

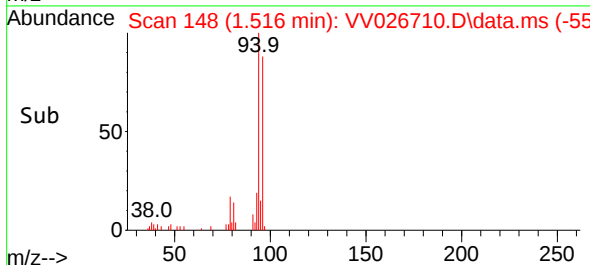
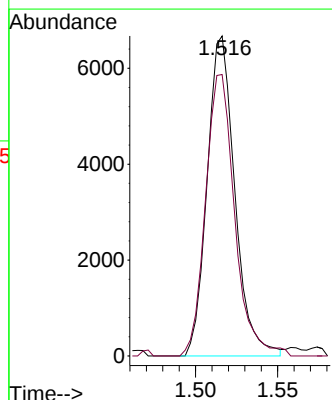
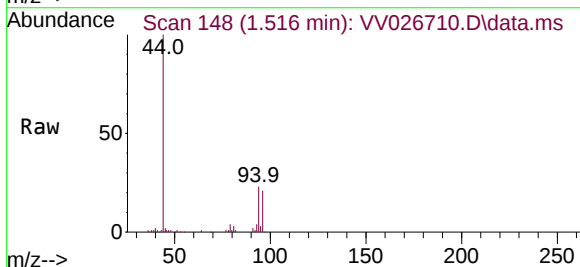
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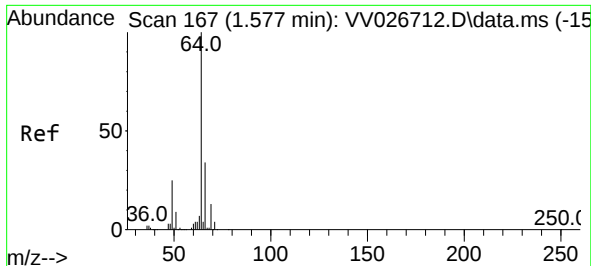
Tgt Ion: 94 Resp: 7829

Ion Ratio Lower Upper

94 100

96 88.0 67.1 124.7

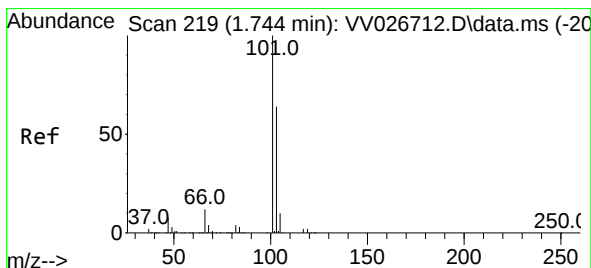
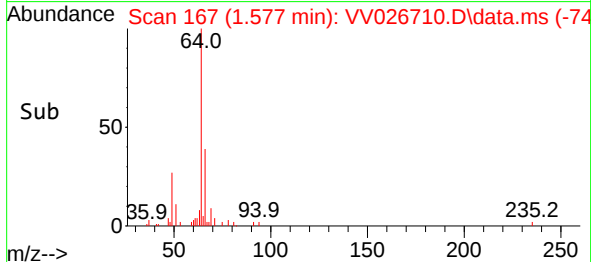
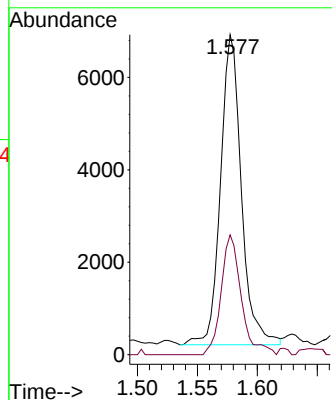
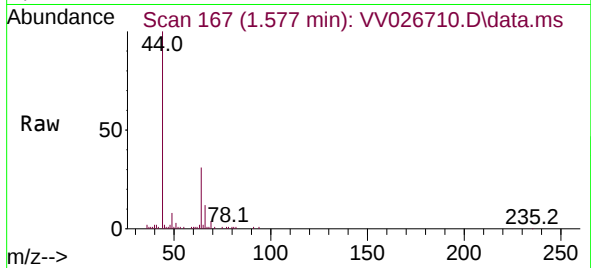




#8
Chloroethane
Concen: 0.553 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

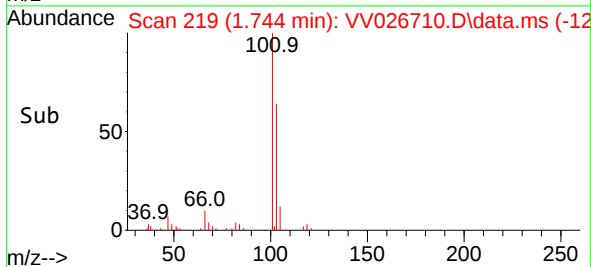
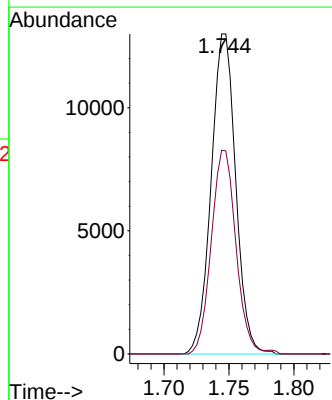
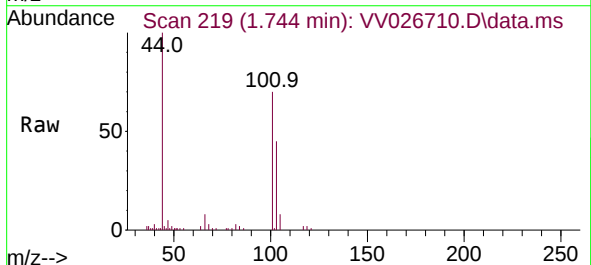
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

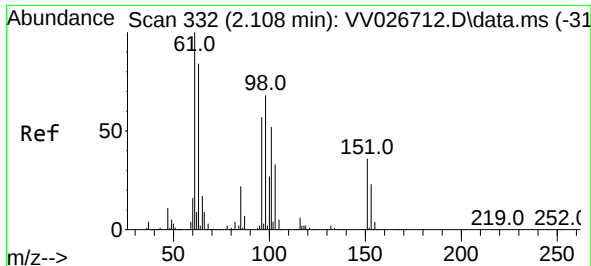
Tgt Ion: 64 Resp: 8112
Ion Ratio Lower Upper
64 100
66 37.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.534 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 101 Resp: 17043
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4





#10

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

Concen: 0.527 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5201

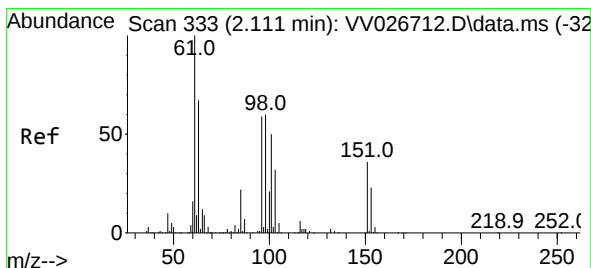
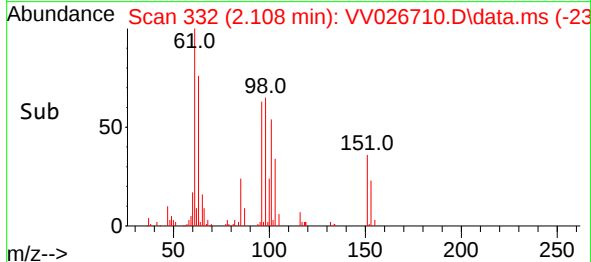
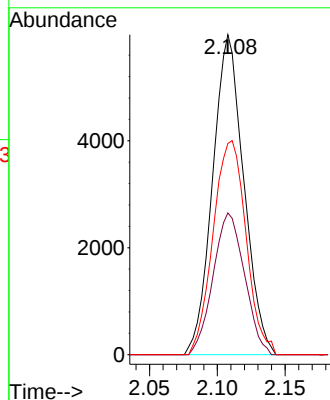
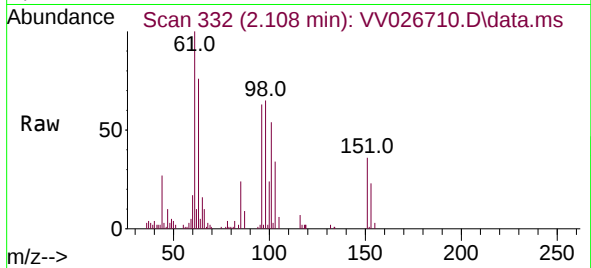
Tgt Ion:101 Resp: 9542

Ion Ratio Lower Upper

101 100

85 44.7 35.0 52.4

151 70.9 56.7 85.1



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

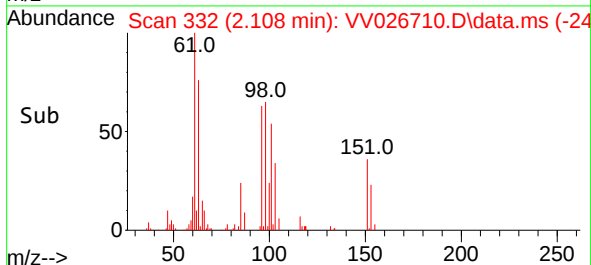
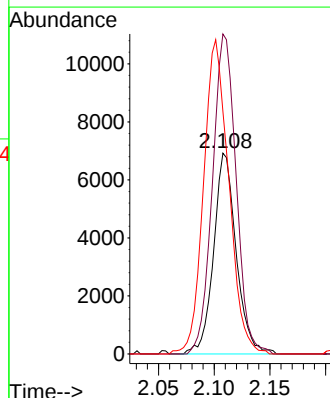
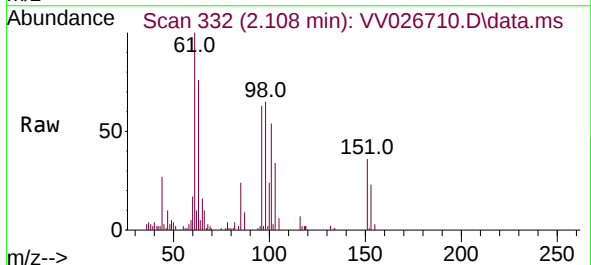
Tgt Ion: 96 Resp: 9769

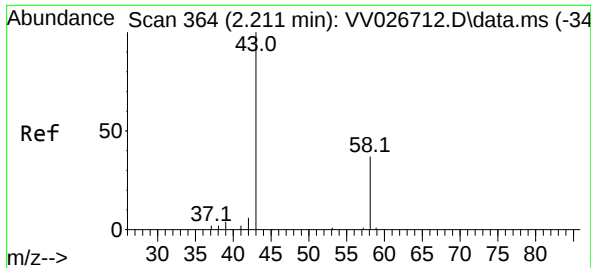
Ion Ratio Lower Upper

96 100

61 159.4 118.3 219.7

63 120.7 79.9 148.3





#13

Acetone

Concen: 0.442 ug/L

RT: 2.323 min Scan# 399

Delta R.T. 0.113 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

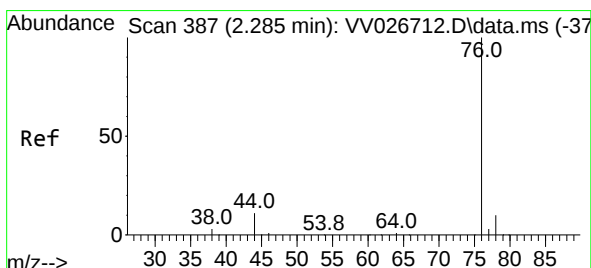
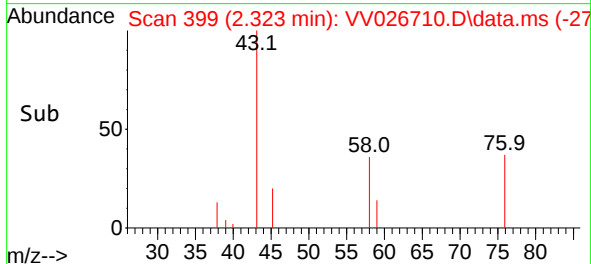
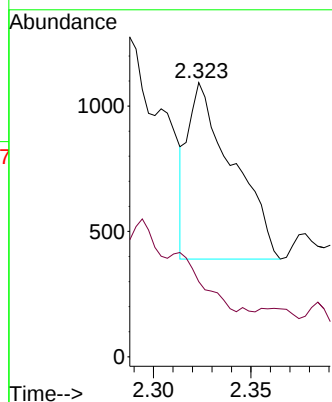
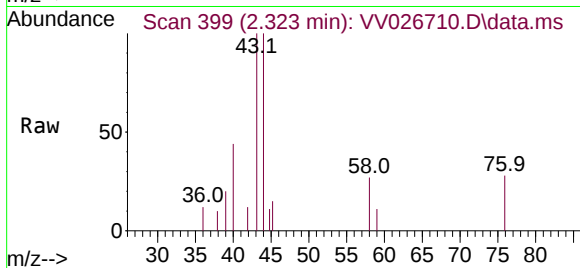
VSTD0.5201

Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

58 9.6 0.0 20.6



#14

Carbon disulfide

Concen: 0.537 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV026710.D

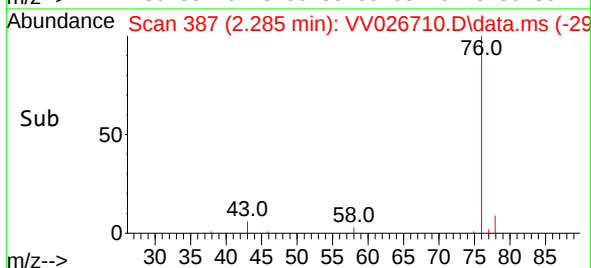
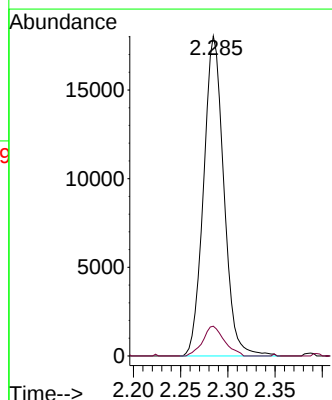
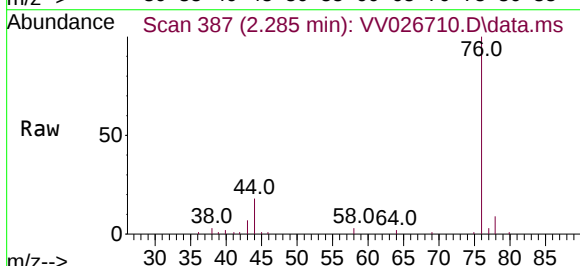
Acq: 11 Jul 2022 18:40

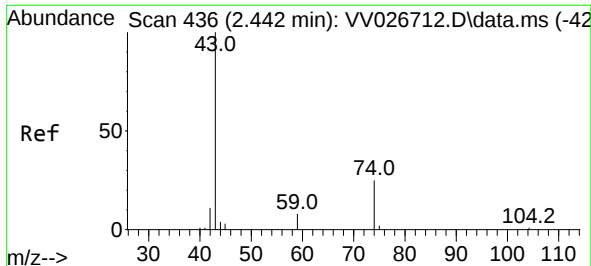
Tgt Ion: 76 Resp: 26893

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

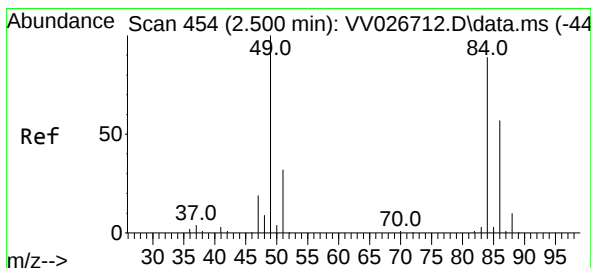
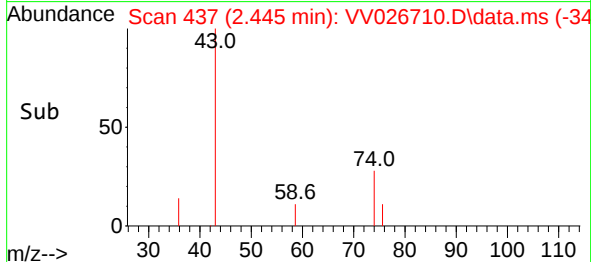
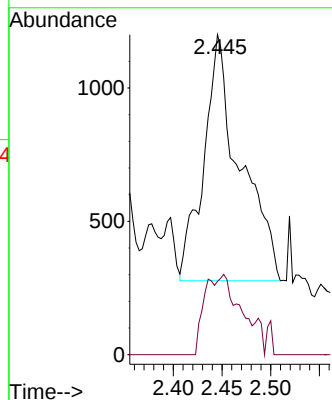
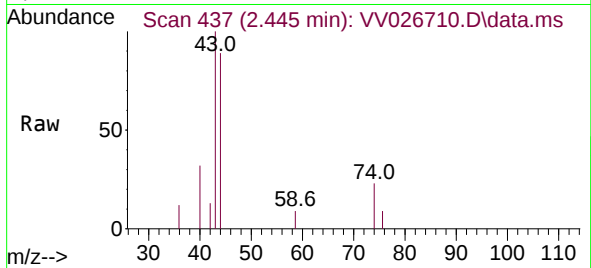




#15
Methyl Acetate
Concen: 0.482 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

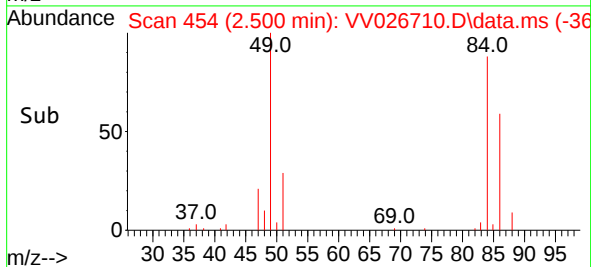
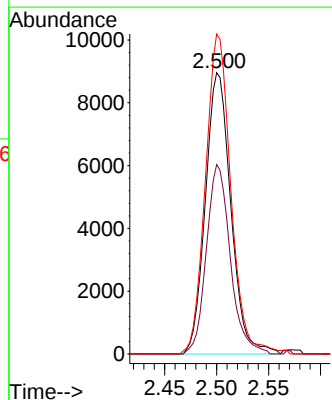
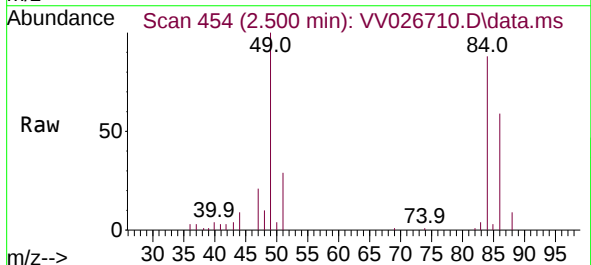
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

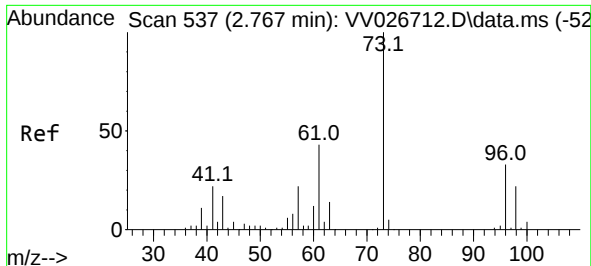
Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
74 10.7 20.1 30.1#



#16
Methylene chloride
Concen: 0.700 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 84 Resp: 15264
Ion Ratio Lower Upper
84 100
86 67.4 44.8 83.2
49 113.7 78.7 146.1

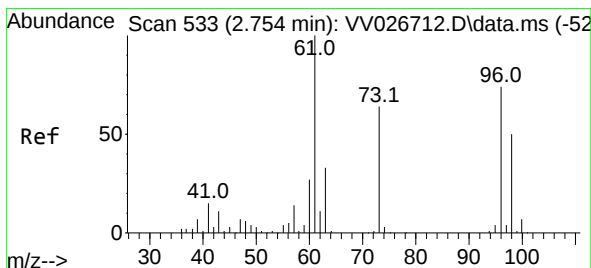
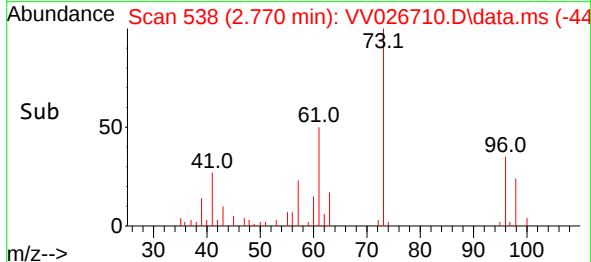
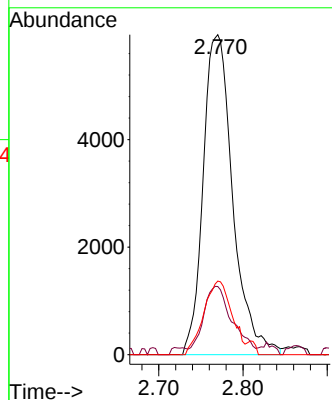
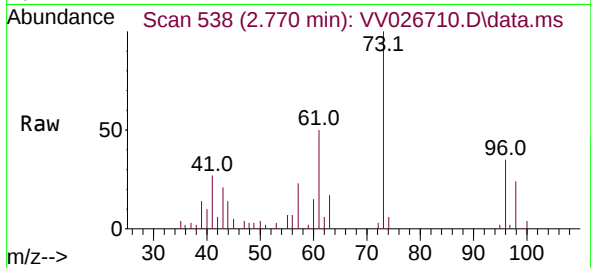




#17
Methyl tert-butyl Ether
Concen: 0.470 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

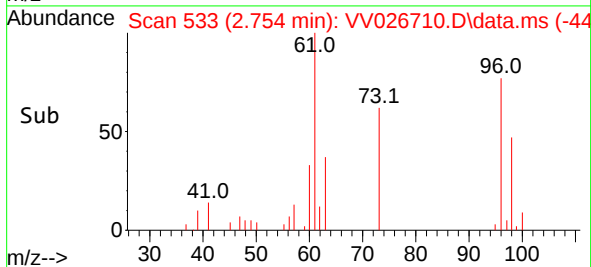
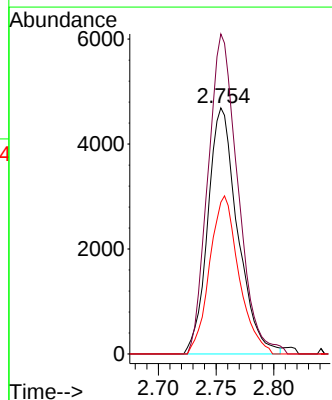
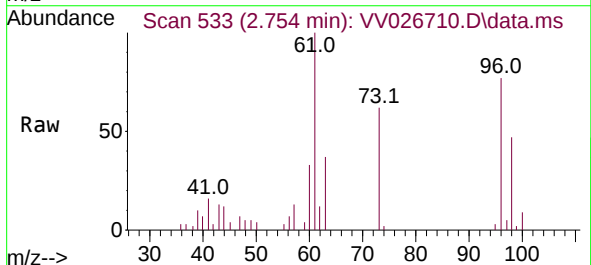
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

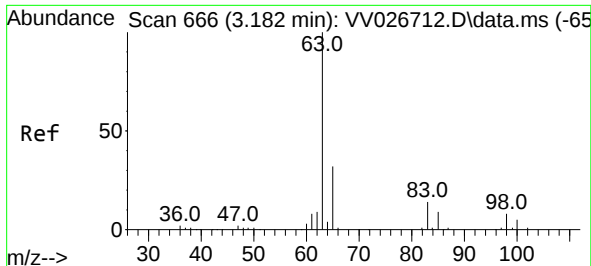
Tgt Ion: 73 Resp: 14551
Ion Ratio Lower Upper
73 100
43 18.1 14.0 21.0
57 21.7 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.512 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 96 Resp: 8444
Ion Ratio Lower Upper
96 100
61 130.1 94.7 175.9
98 61.6 47.4 88.0

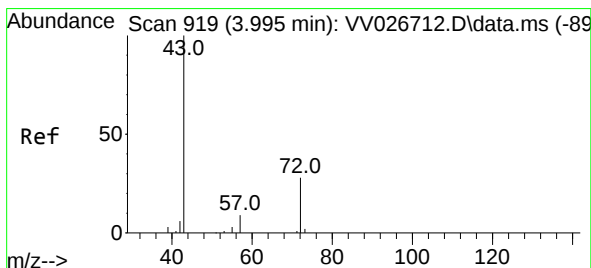
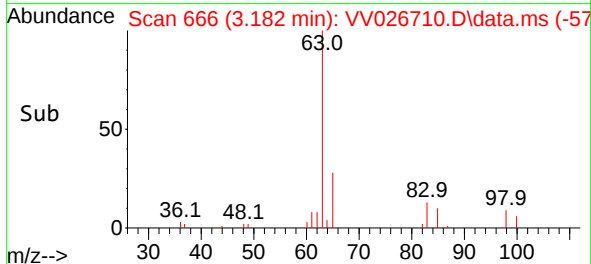
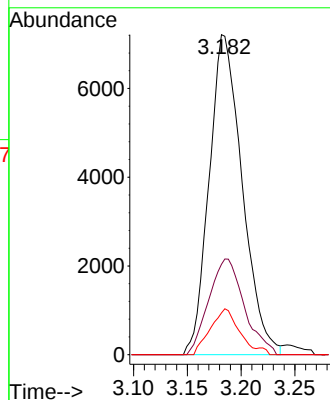
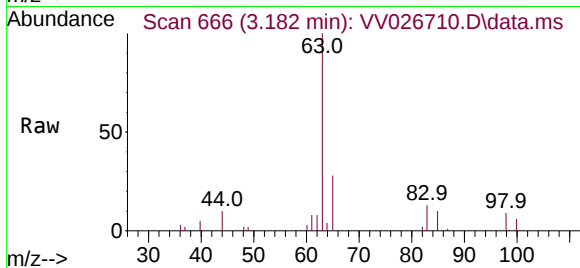




#19
1,1-Dichloroethane
Concen: 0.511 ug/L
RT: 3.182 min Scan# 609
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

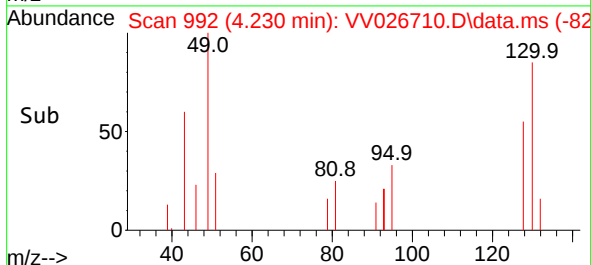
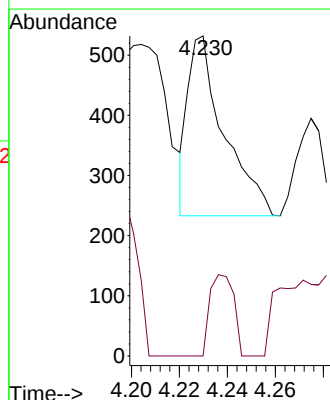
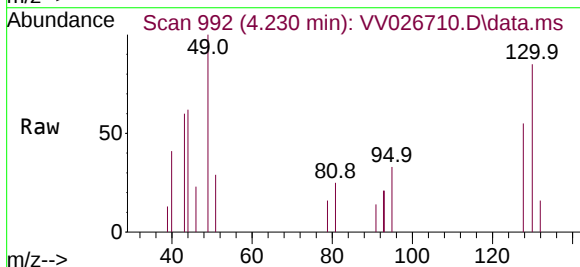
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

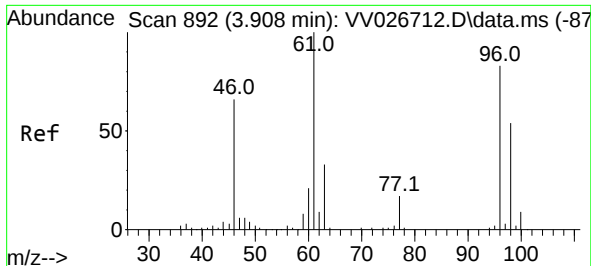
Tgt Ion:	63	Resp:	15413
Ion	Ratio	Lower	Upper
63	100		
65	28.2	22.3	41.3
83	13.0	9.9	18.5



#21
2-Butanone
Concen: 0.108 ug/L
RT: 4.230 min Scan# 992
Delta R.T. 0.235 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:	43	Resp:	312
Ion	Ratio	Lower	Upper
43	100		
72	29.8	13.9	41.7

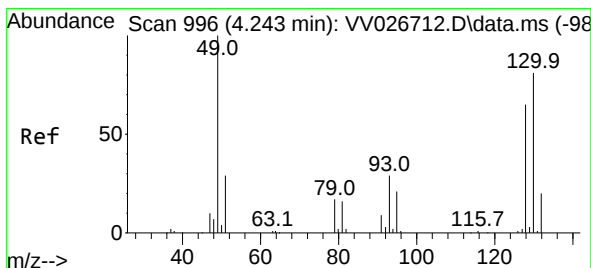
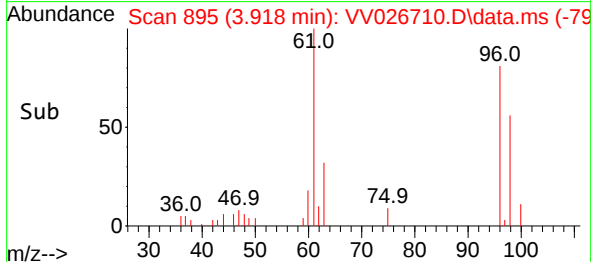
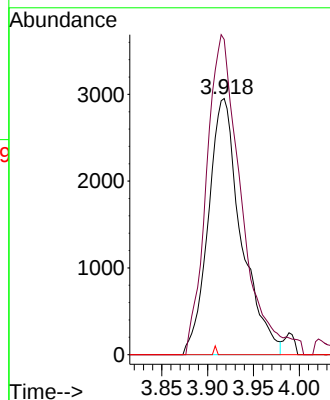
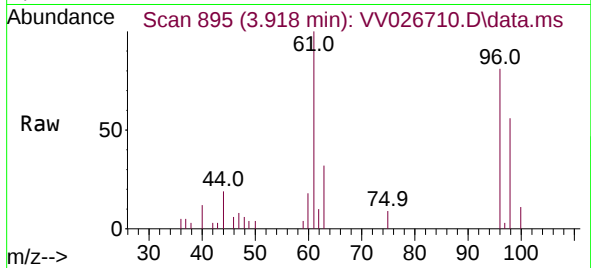




#22
 cis-1,2-Dichloroethene
 Concen: 0.454 ug/L
 RT: 3.918 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV026710.D
 Acq: 11 Jul 2022 18:40

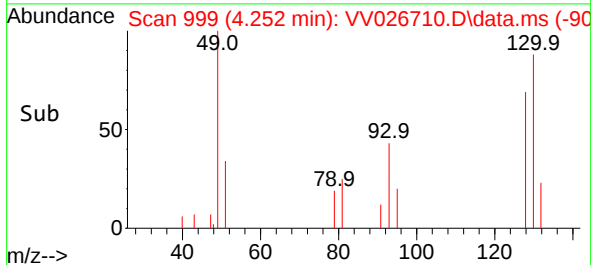
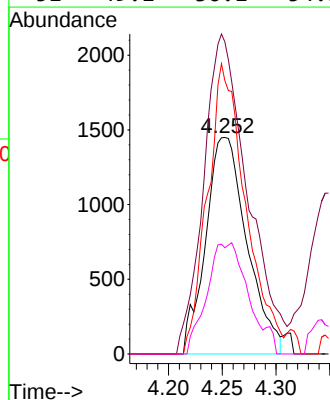
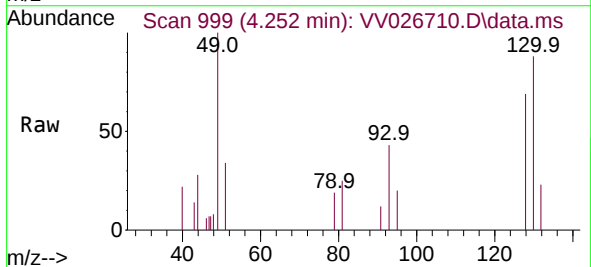
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5201

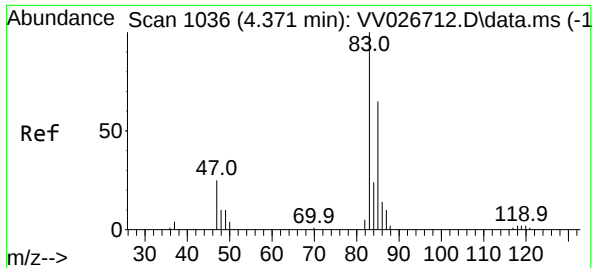
Tgt Ion: 96 Resp: 7378
 Ion Ratio Lower Upper
 96 100
 61 123.1 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.508 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV026710.D
 Acq: 11 Jul 2022 18:40

Tgt Ion: 128 Resp: 3876
 Ion Ratio Lower Upper
 128 100
 49 144.2 107.2 199.2
 130 126.3 87.1 161.7
 51 49.1 36.1 54.1

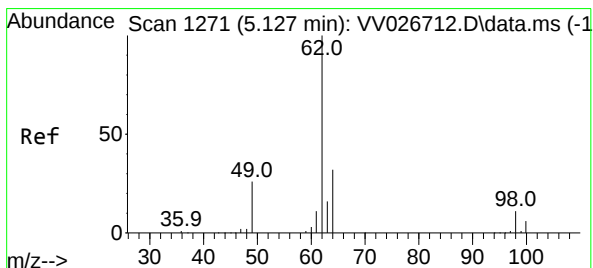
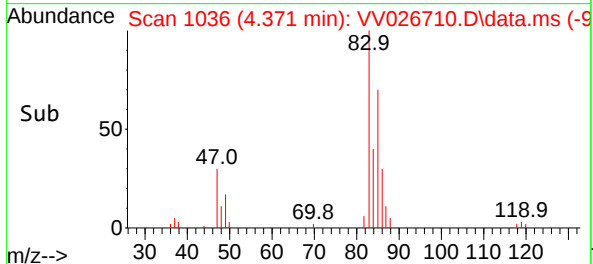
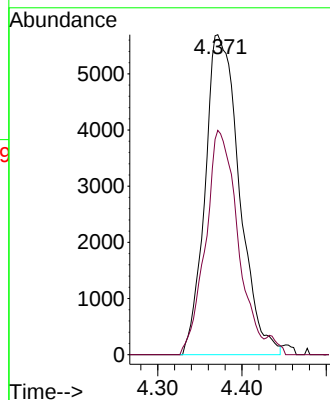
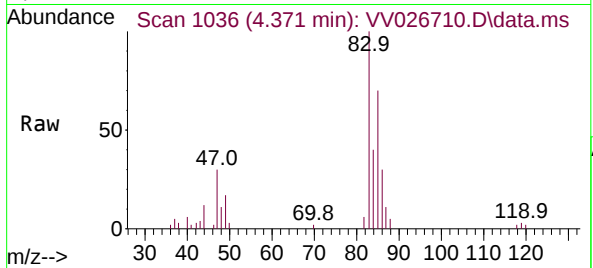




#25
Chloroform
Concen: 0.506 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

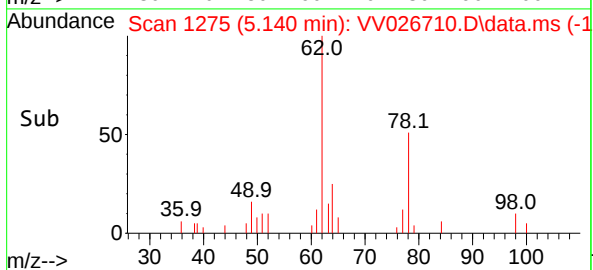
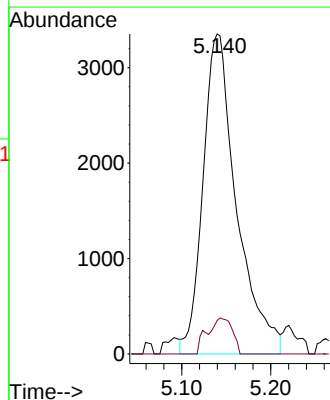
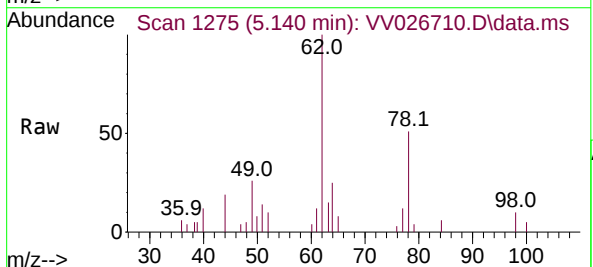
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

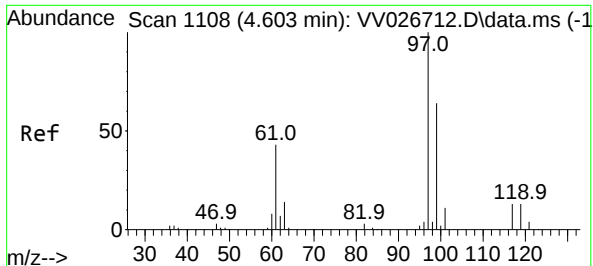
Tgt Ion: 83 Resp: 16119
Ion Ratio Lower Upper
83 100
85 70.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.511 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.013 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 62 Resp: 8758
Ion Ratio Lower Upper
62 100
98 10.5 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 0.511 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5201

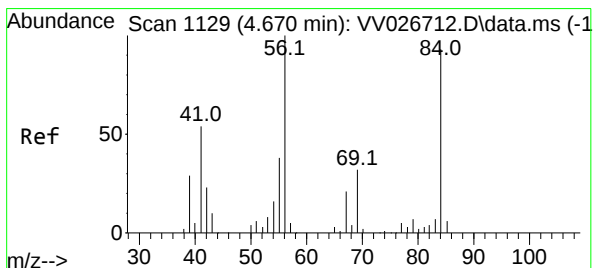
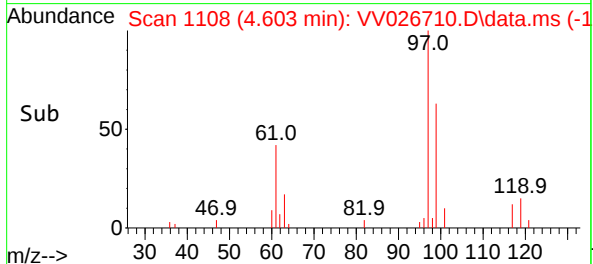
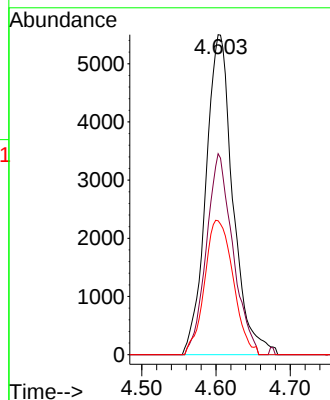
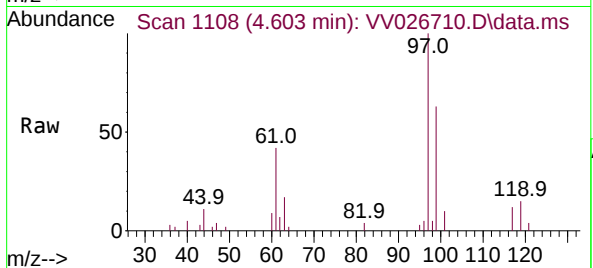
Tgt Ion: 97 Resp: 13922

Ion Ratio Lower Upper

97 100

99 61.2 51.3 76.9

61 44.4 35.1 52.7



#30

Cyclohexane

Concen: 0.428 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

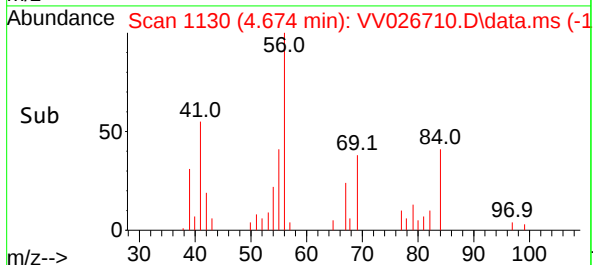
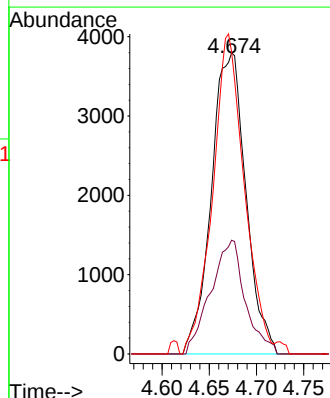
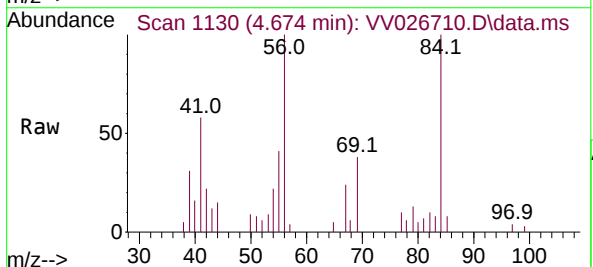
Tgt Ion: 56 Resp: 9644

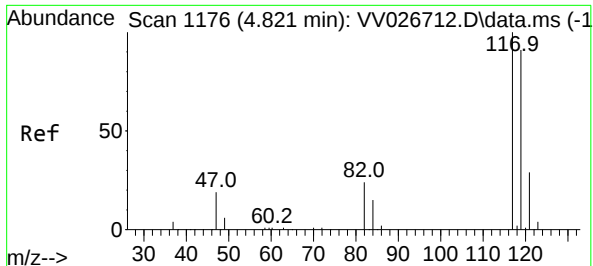
Ion Ratio Lower Upper

56 100

69 37.7 25.1 37.7#

84 97.5 74.0 111.0

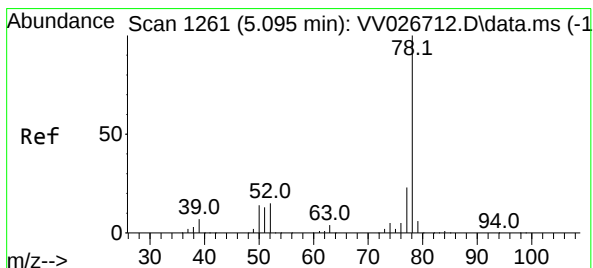
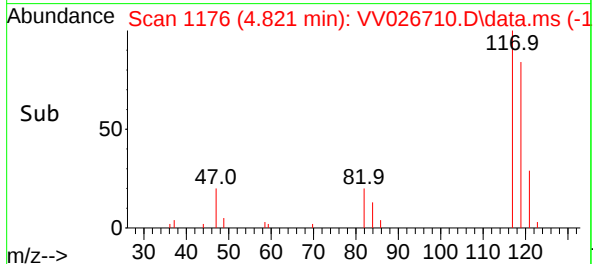
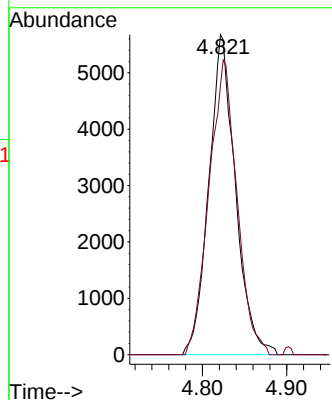
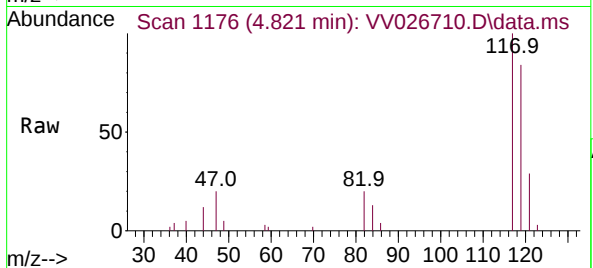




#31
Carbon tetrachloride
Concen: 0.516 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

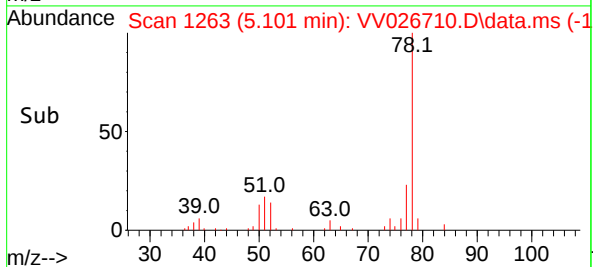
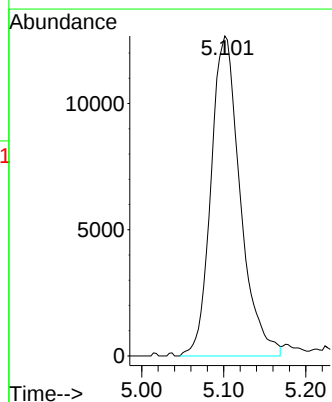
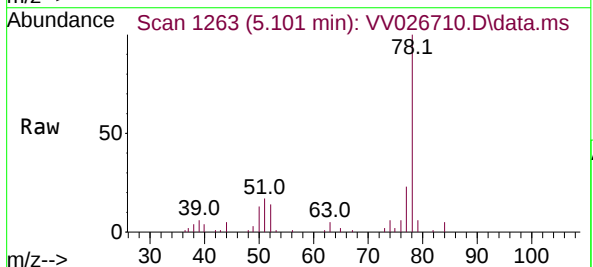
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

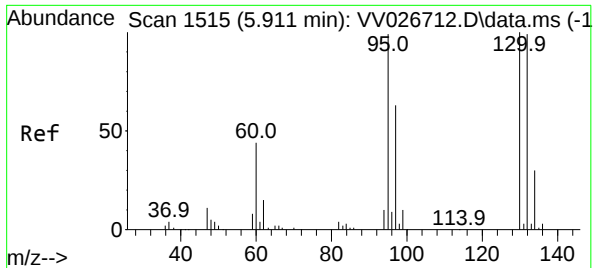
Tgt Ion:117 Resp: 12426
Ion Ratio Lower Upper
117 100
119 97.1 75.1 112.7



#33
Benzene
Concen: 0.475 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 78 Resp: 31448

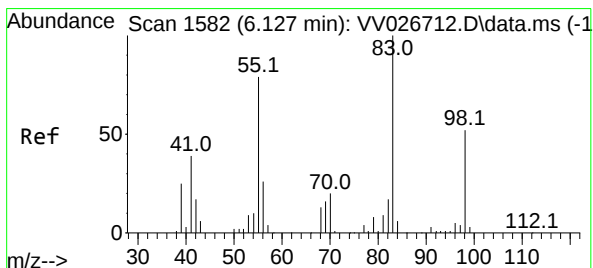
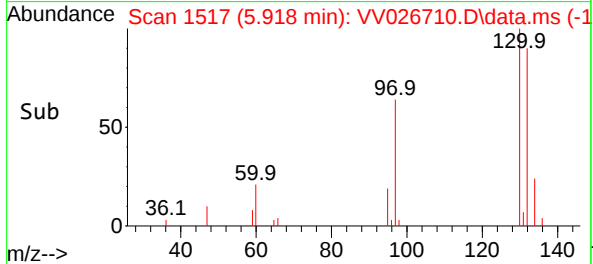
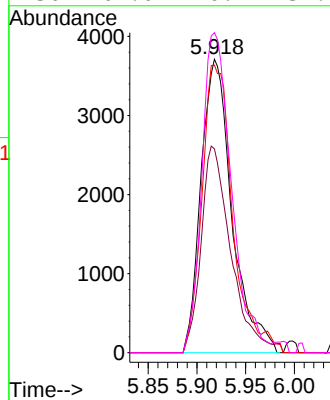
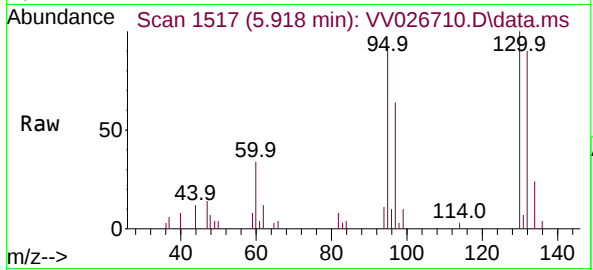




#34
Trichloroethene
Concen: 0.502 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

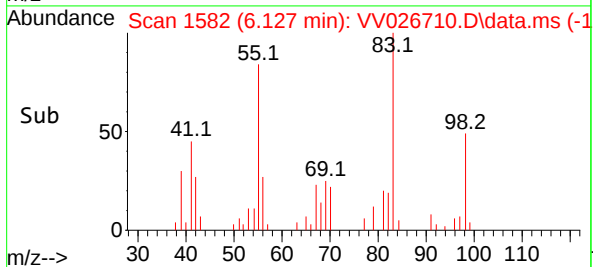
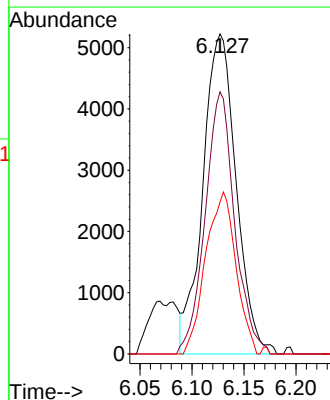
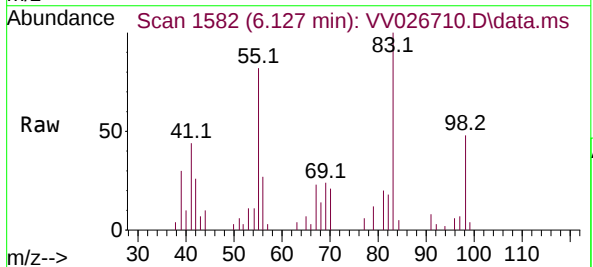
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

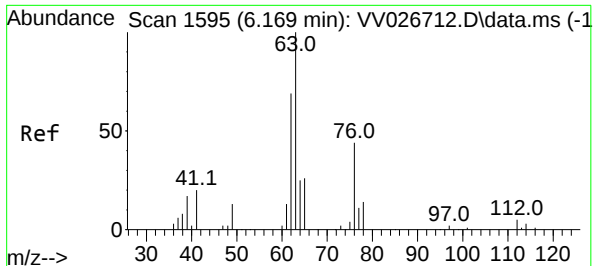
Tgt Ion: 95	Resp: 8201
Ion Ratio	Lower Upper
95 100	
97 69.5	44.6 82.8
132 98.0	70.2 130.4
130 109.0	70.9 131.7



#35
Methylcyclohexane
Concen: 0.459 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 83	Resp: 11640
Ion Ratio	Lower Upper
83 100	
55 72.8	59.5 89.3
98 46.0	38.3 57.5





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

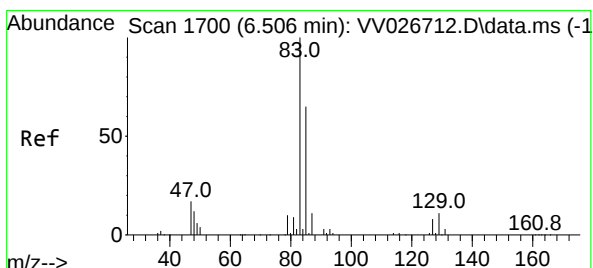
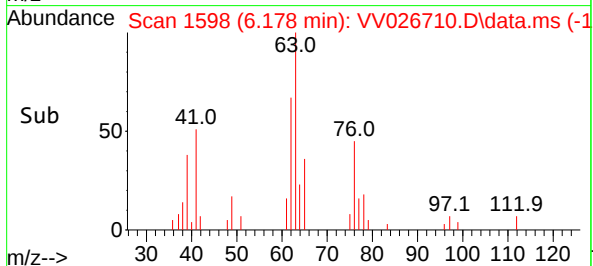
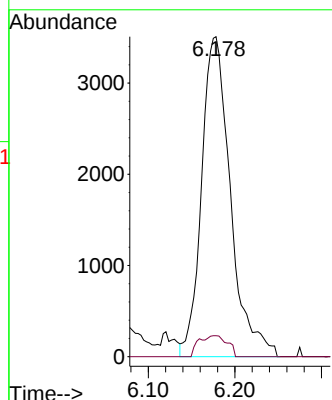
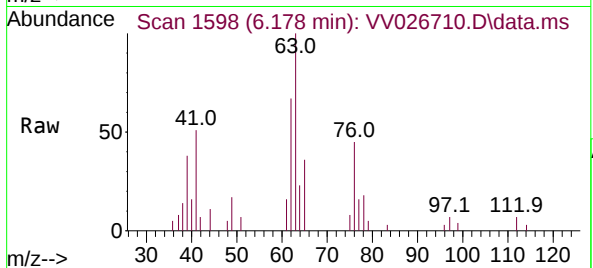
VSTD0.5201

Tgt Ion: 63 Resp: 8135

Ion Ratio Lower Upper

63 100

112 6.5 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.518 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

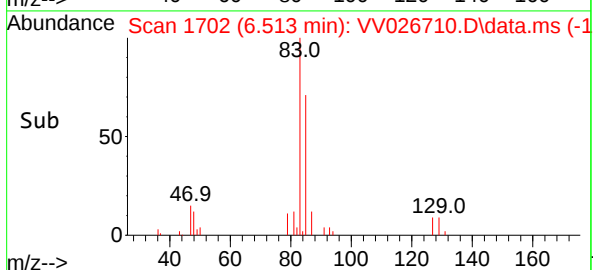
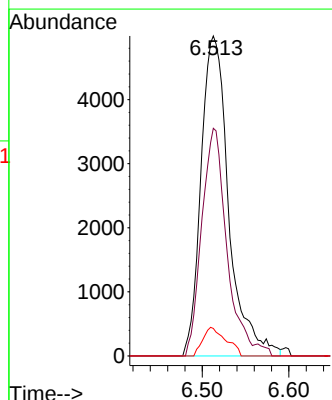
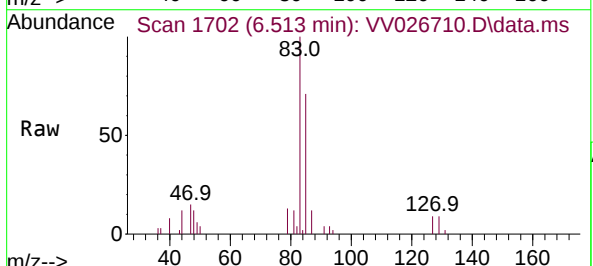
Tgt Ion: 83 Resp: 11087

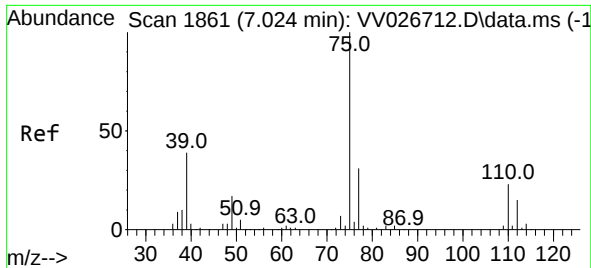
Ion Ratio Lower Upper

83 100

85 71.1 45.4 84.4

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 7.034 min Scan# 1861

Delta R.T. 0.010 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

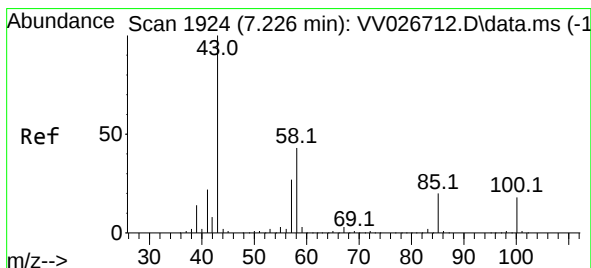
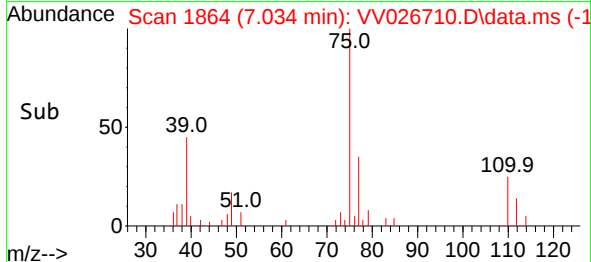
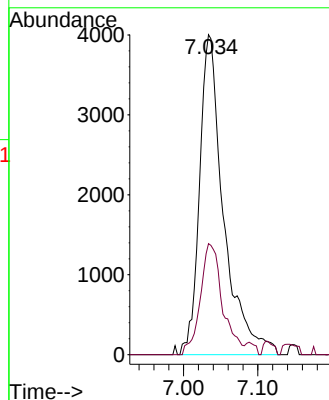
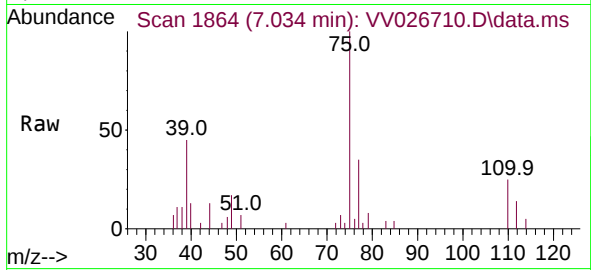
VSTD0.5201

Tgt Ion: 75 Resp: 9015

Ion Ratio Lower Upper

75 100

77 34.7 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 3.770 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

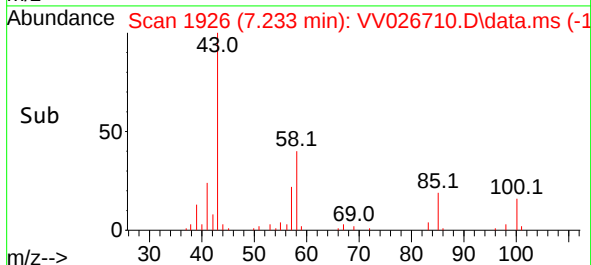
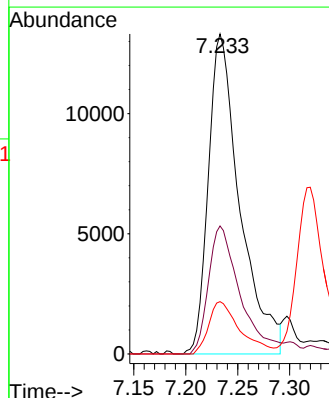
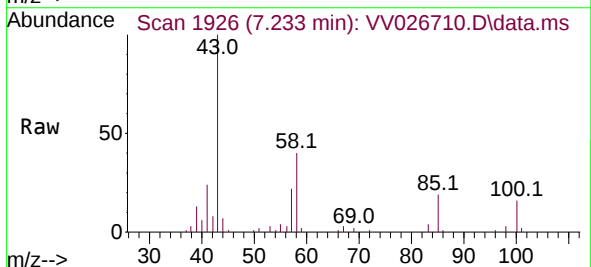
Tgt Ion: 43 Resp: 28023

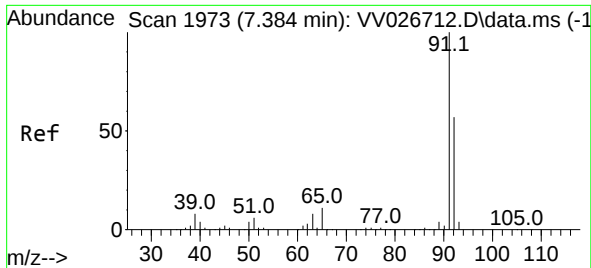
Ion Ratio Lower Upper

43 100

58 40.3 34.6 51.8

100 16.3 13.6 20.4





#42

Toluene

Concen: 0.422 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

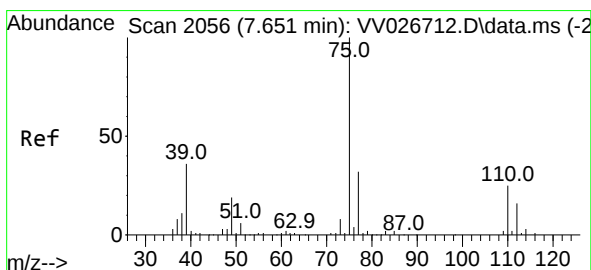
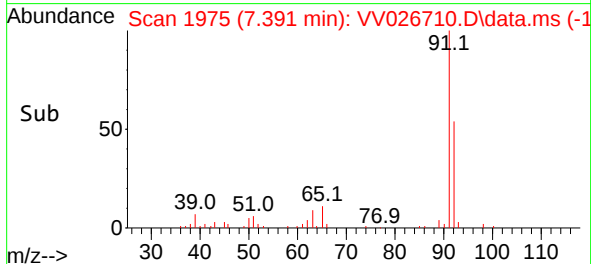
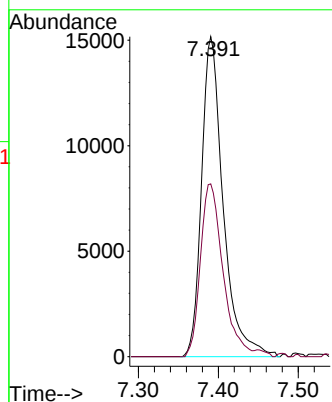
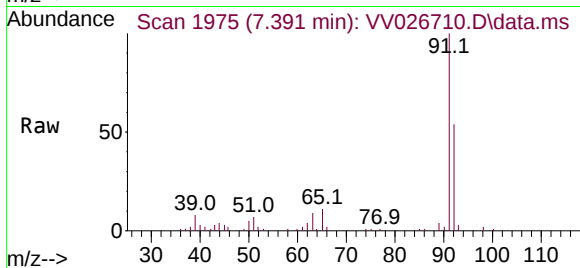
VSTD0.5201

Tgt Ion: 91 Resp: 28559

Ion Ratio Lower Upper

91 100

92 54.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026710.D

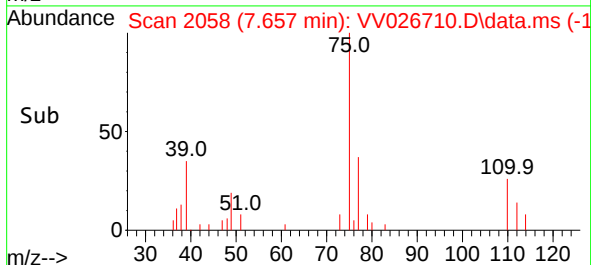
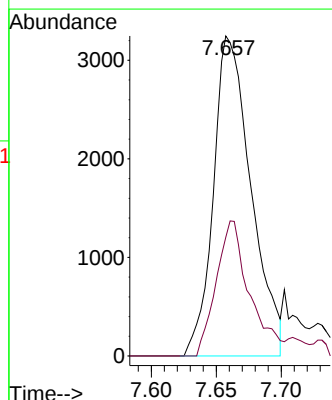
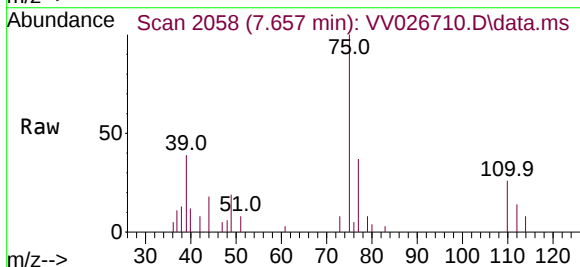
Acq: 11 Jul 2022 18:40

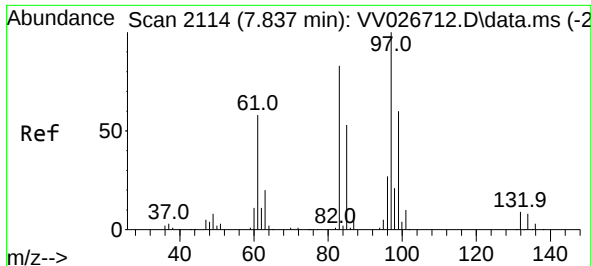
Tgt Ion: 75 Resp: 6539

Ion Ratio Lower Upper

75 100

77 37.1 22.7 42.3

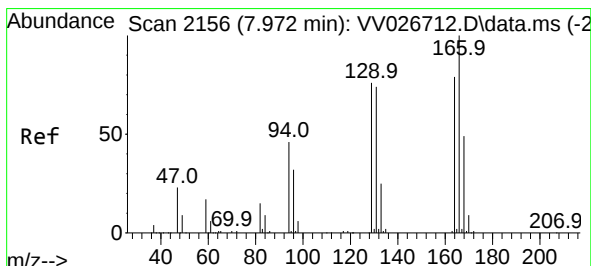
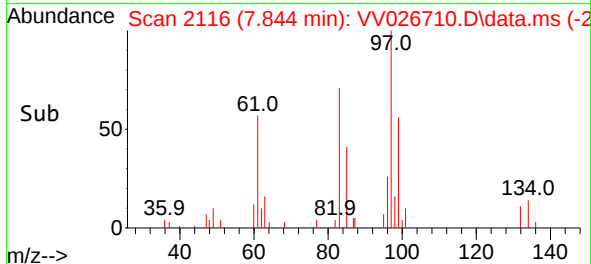
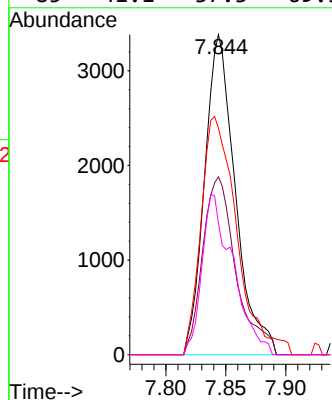
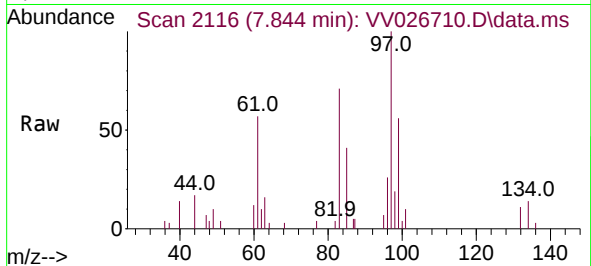




#45
1,1,2-Trichloroethane
Concen: 0.508 ug/L
RT: 7.844 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

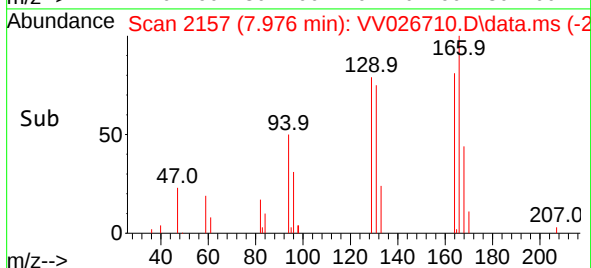
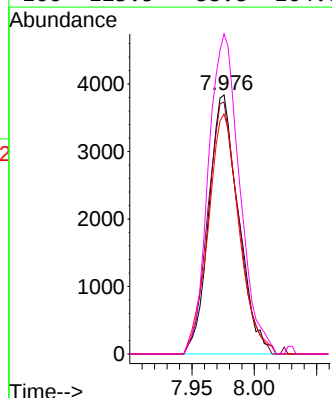
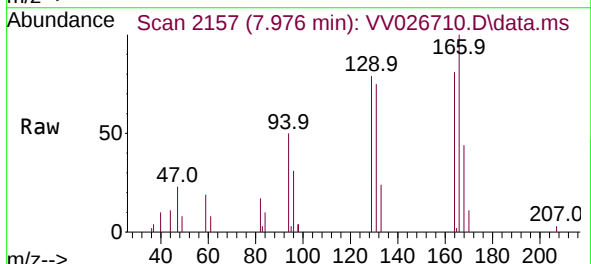
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

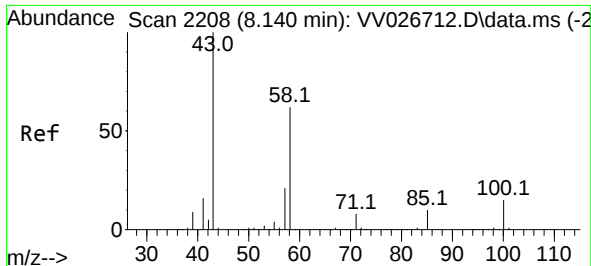
Tgt Ion: 97	Resp: 6035
Ion Ratio	Lower Upper
97 100	
99 55.6	41.9 77.9
83 70.8	58.1 107.9
85 41.1	37.3 69.3



#47
Tetrachloroethene
Concen: 0.495 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt	Ion:164	Resp:	6357
Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.8	125.8
131	92.6	65.9	122.5
166	123.5	88.8	164.8

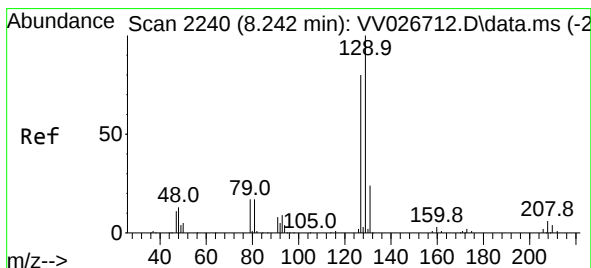
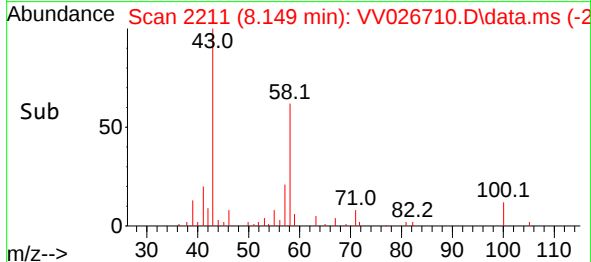
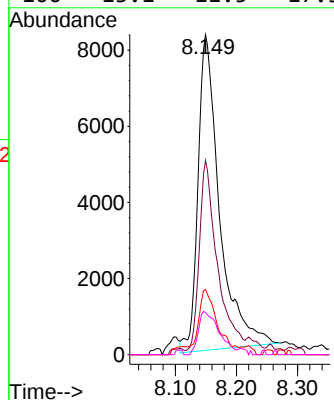
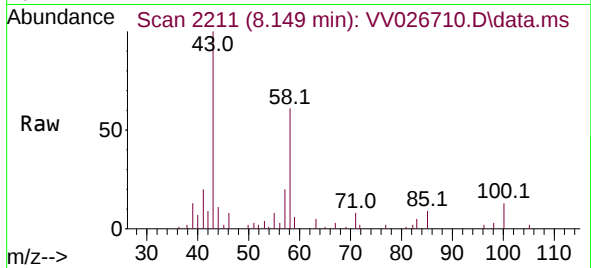




#48
2-Hexanone
Concen: 3.753 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

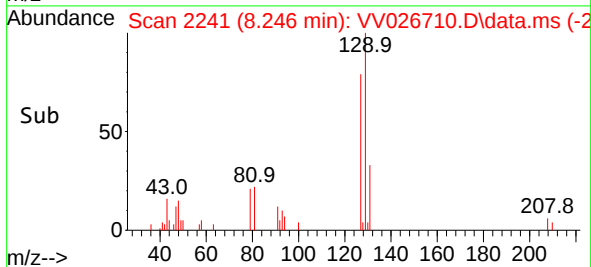
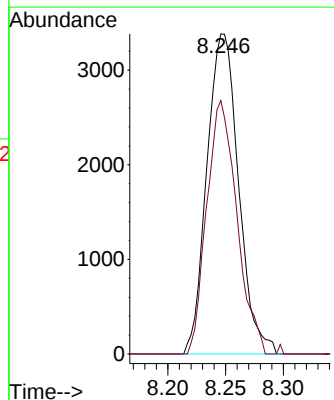
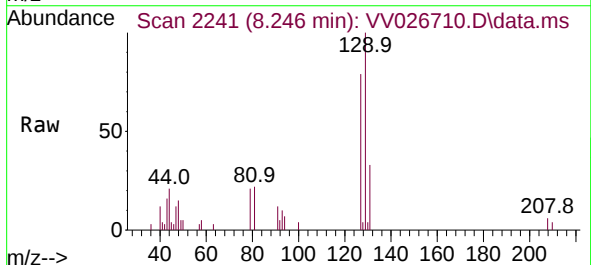
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

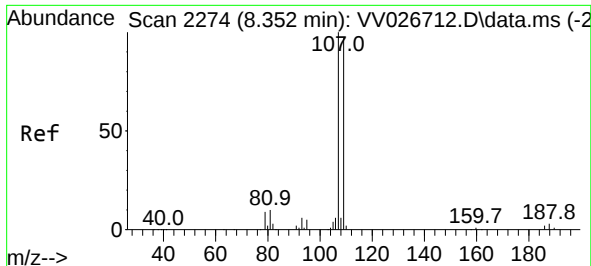
Tgt Ion: 43	Resp: 20325
Ion Ratio	Lower Upper
43 100	
58 50.8	47.9 71.9
57 15.4	16.3 24.5#
100 13.1	11.5 17.3



#49
Dibromochloromethane
Concen: 0.478 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:129	Resp: 6466
Ion Ratio	Lower Upper
129 100	
127 79.2	55.7 103.5

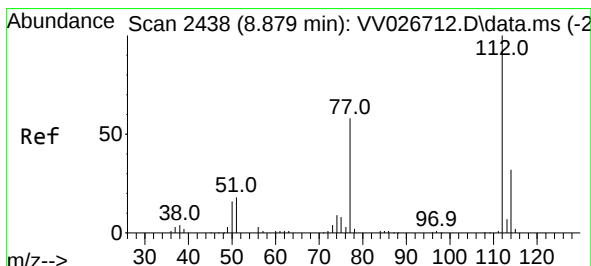
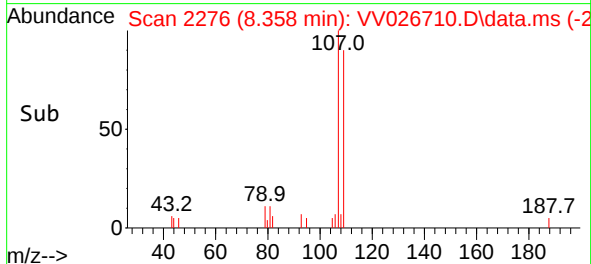
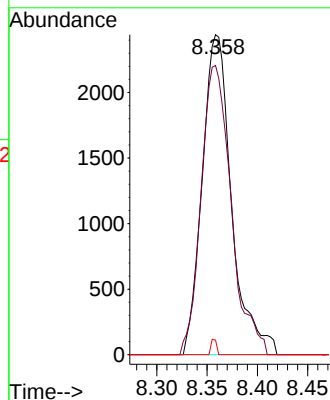
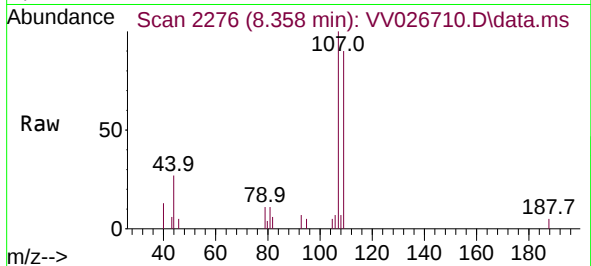




#50
1,2-Dibromoethane
Concen: 0.470 ug/L
RT: 8.358 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

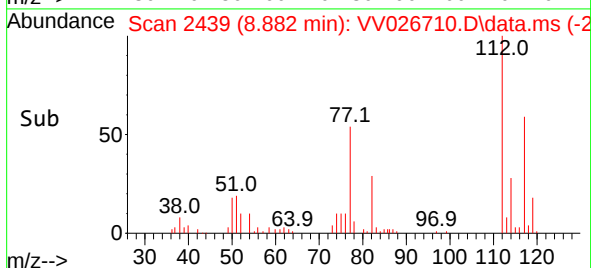
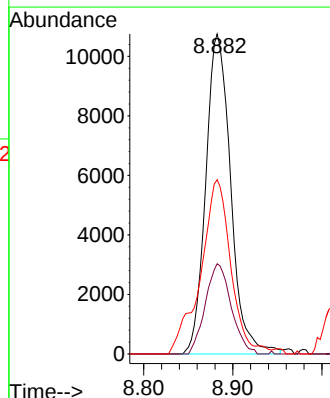
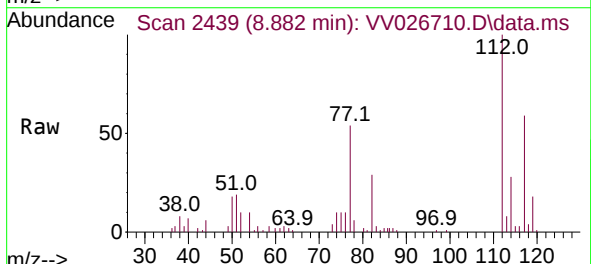
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

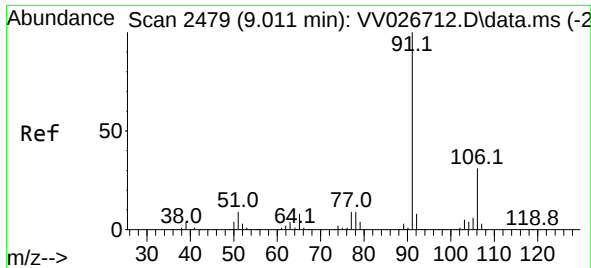
Tgt Ion:107 Resp: 4952
Ion Ratio Lower Upper
107 100
109 90.4 68.0 126.4
188 4.5 2.8 4.2#



#51
Chlorobenzene
Concen: 0.482 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:112 Resp: 20903
Ion Ratio Lower Upper
112 100
114 28.2 22.7 42.1
77 54.5 46.6 70.0

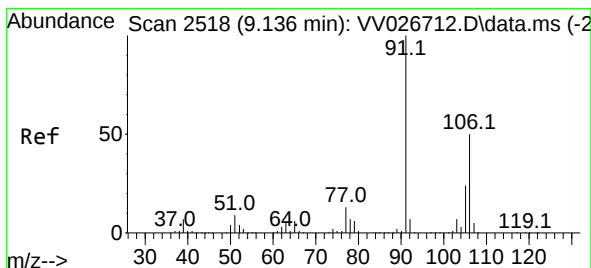
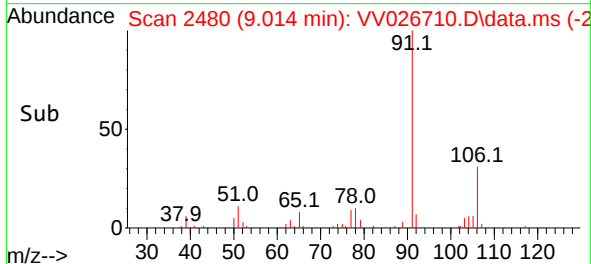
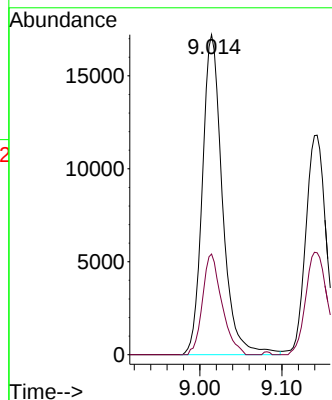
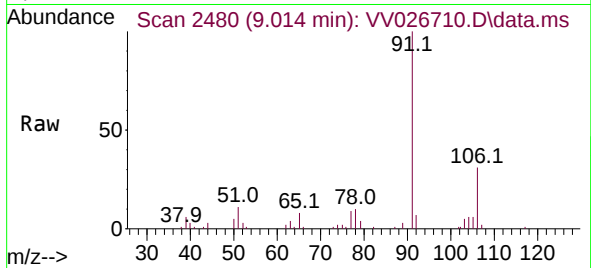




#52
Ethylbenzene
Concen: 0.427 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

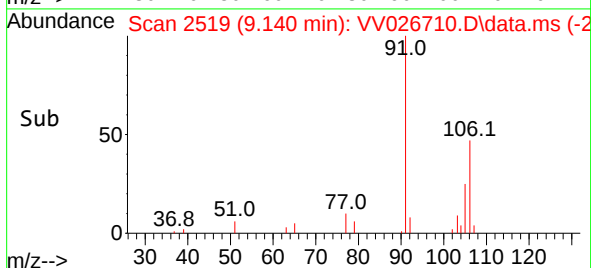
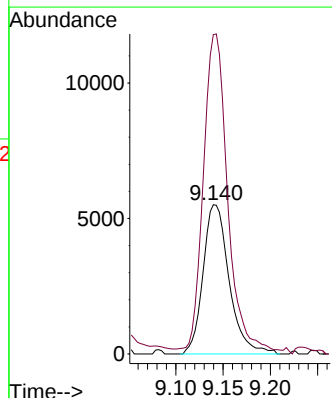
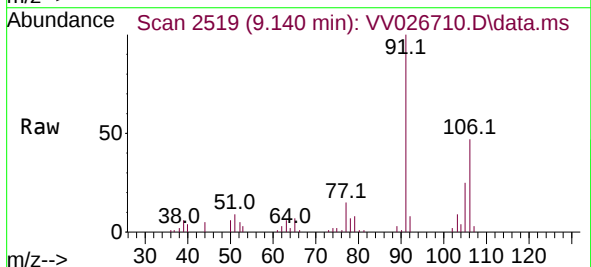
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

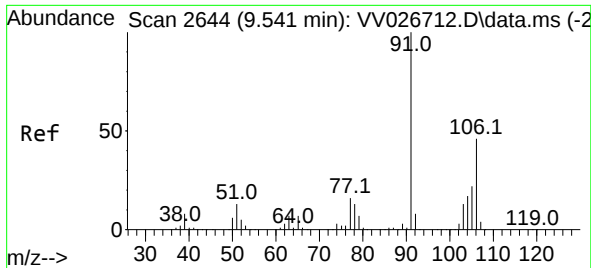
Tgt Ion: 91 Resp: 29201
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-Xylene
Concen: 0.400 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 106 Resp: 10586
Ion Ratio Lower Upper
106 100
91 214.0 139.3 258.7

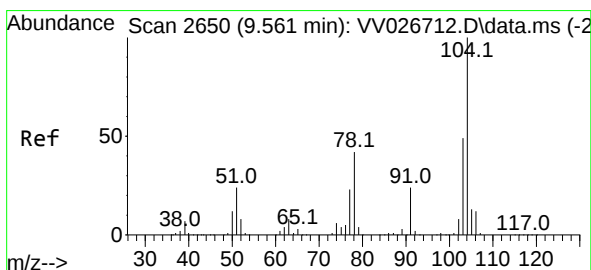
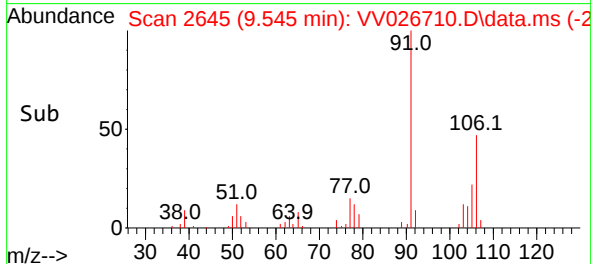
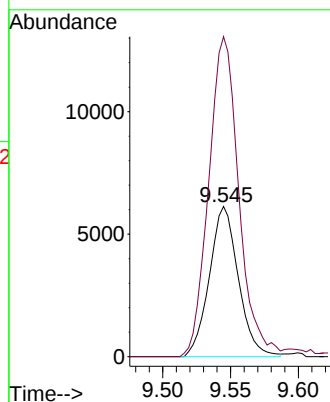
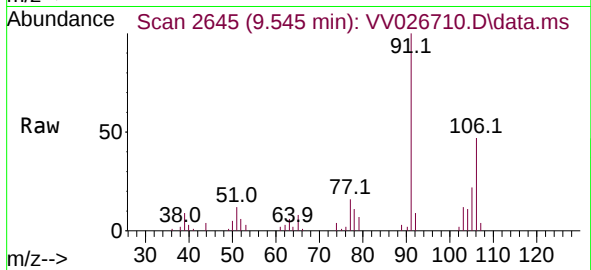




#54
o-Xylene
Concen: 0.369 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

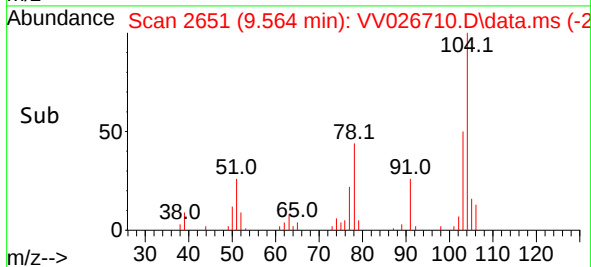
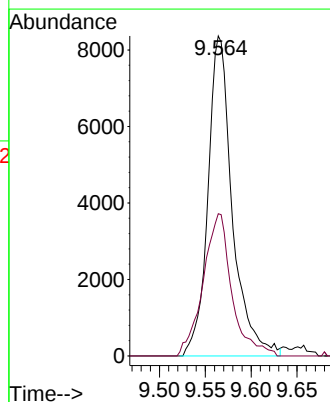
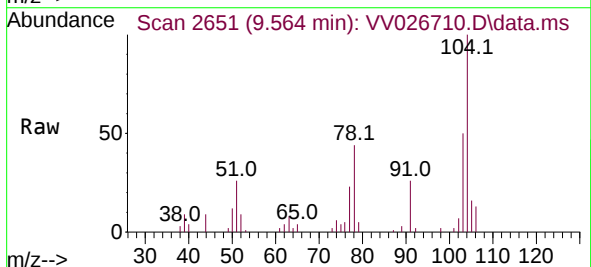
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

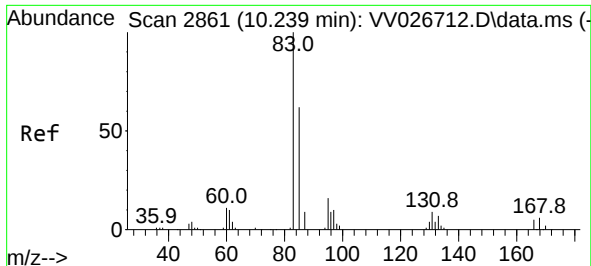
Tgt Ion:106 Resp: 9109
Ion Ratio Lower Upper
106 100
91 213.0 151.1 280.7



#55
Styrene
Concen: 0.353 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:104 Resp: 15501
Ion Ratio Lower Upper
104 100
78 44.5 29.5 54.9

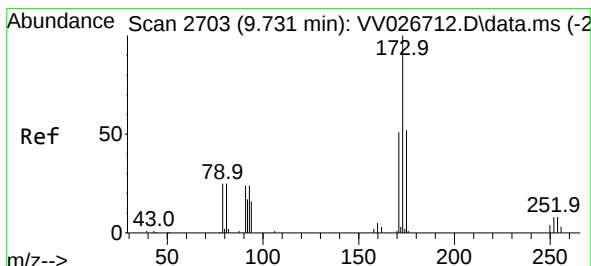
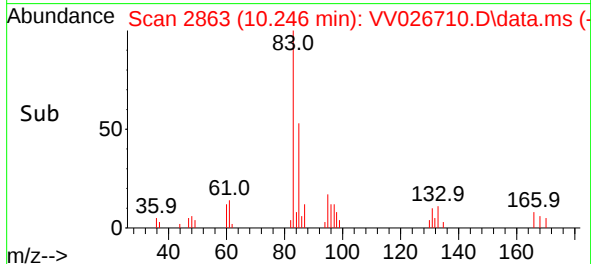
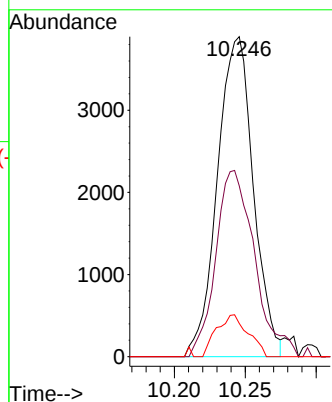
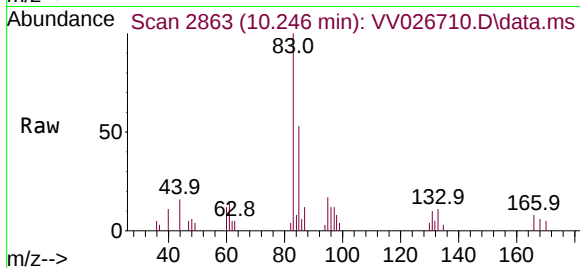




#57
1,1,2,2-Tetrachloroethane
Concen: 0.486 ug/L
RT: 10.246 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

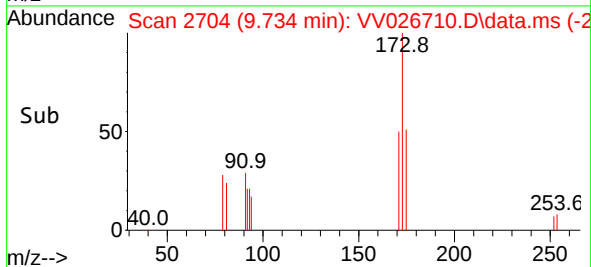
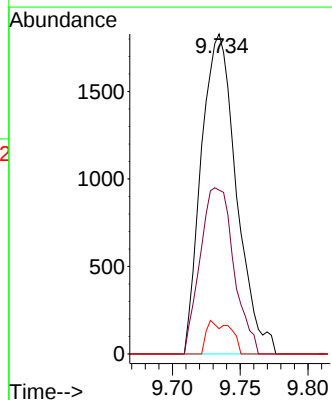
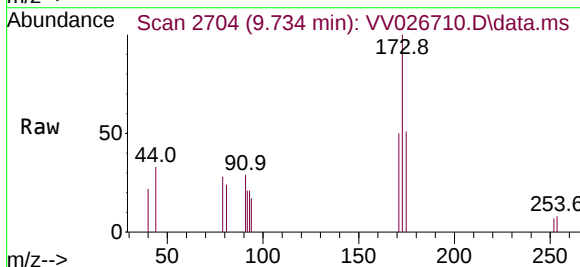
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

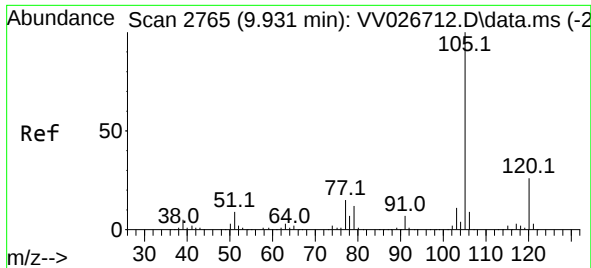
Tgt Ion: 83 Resp: 6887
Ion Ratio Lower Upper
83 100
85 53.4 43.6 81.0
131 10.4 7.4 11.2



#59
Bromoform
Concen: 0.547 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 173 Resp: 3292
Ion Ratio Lower Upper
173 100
175 49.8 40.7 61.1
254 3.7 6.5 9.7#

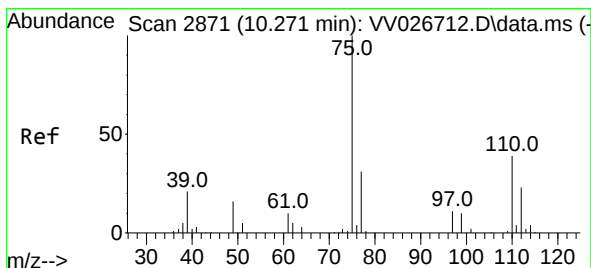
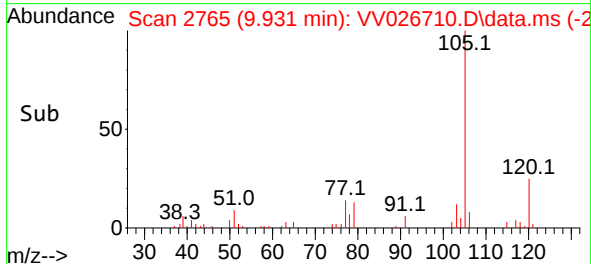
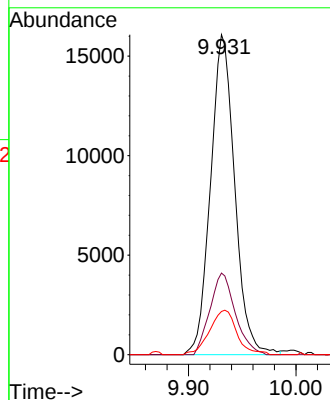
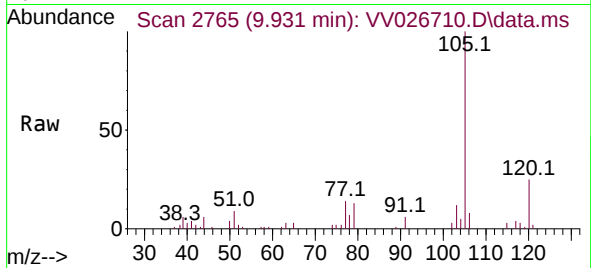




#60
Isopropylbenzene
Concen: 0.433 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

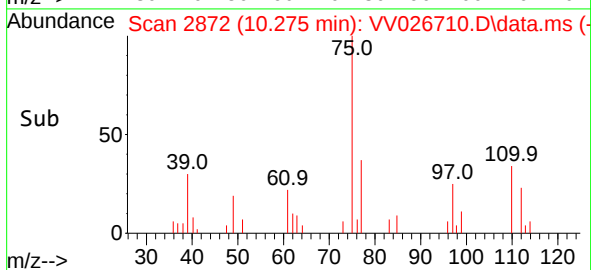
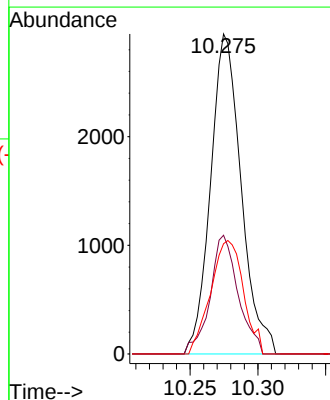
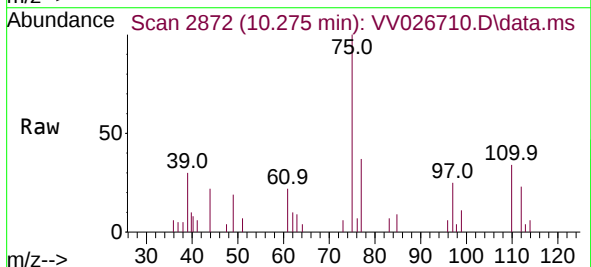
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

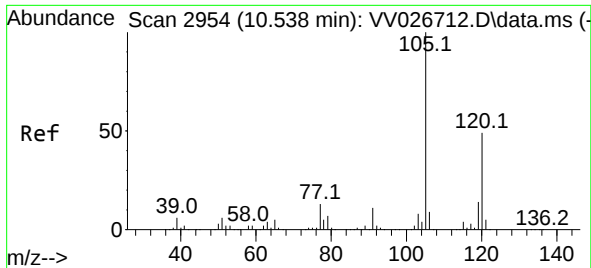
Tgt Ion:105 Resp: 25094
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 15.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 0.538 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 75 Resp: 4611
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.0
110 38.1 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 0.427 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026710.D

Acq: 11 Jul 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

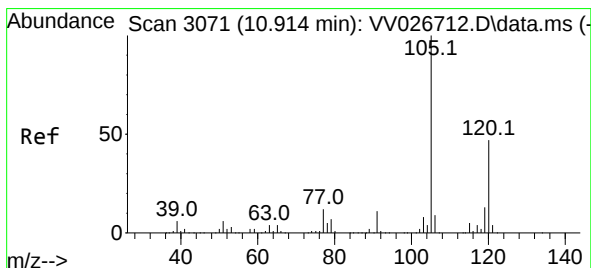
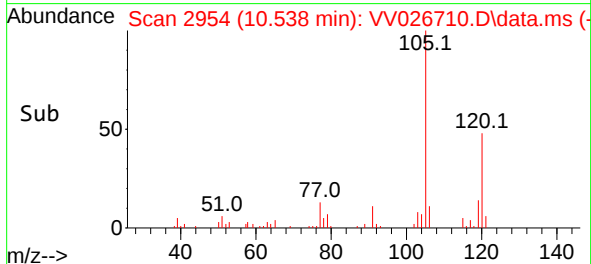
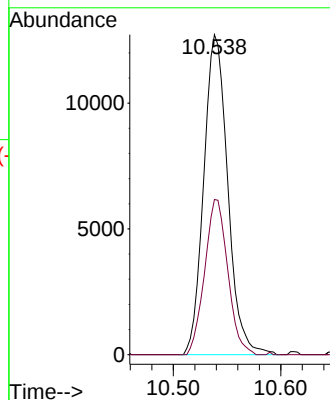
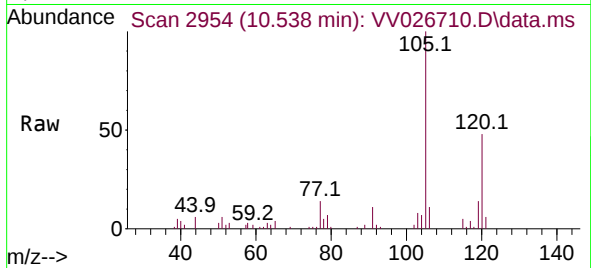
VSTD0.5201

Tgt Ion:105 Resp: 19745

Ion Ratio Lower Upper

105 100

120 46.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.402 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026710.D

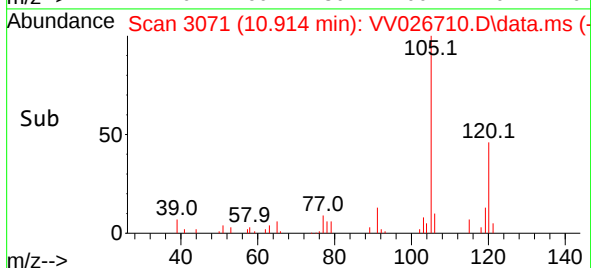
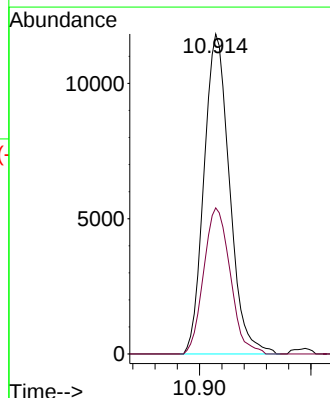
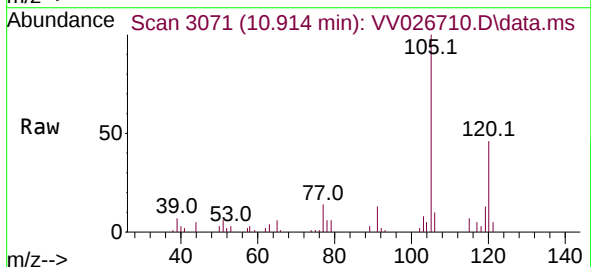
Acq: 11 Jul 2022 18:40

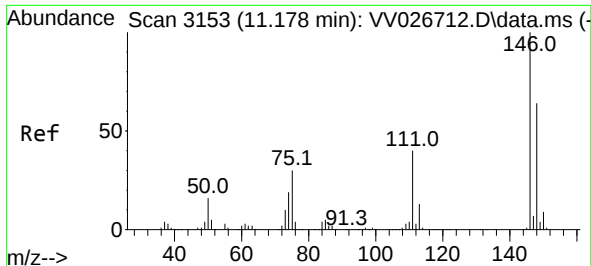
Tgt Ion:105 Resp: 18840

Ion Ratio Lower Upper

105 100

120 47.4 36.8 55.2

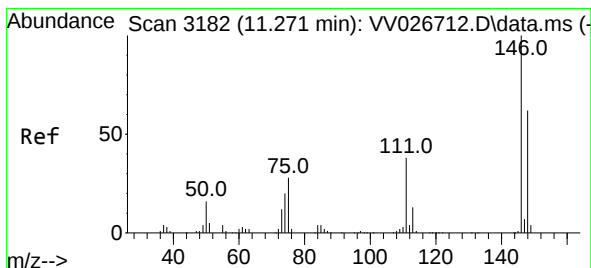
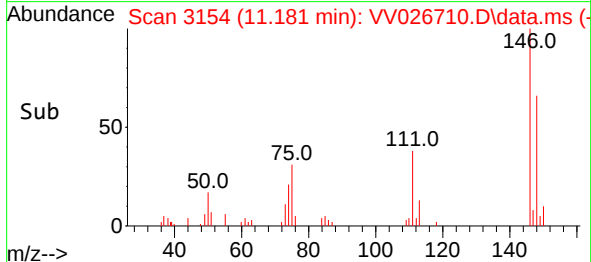
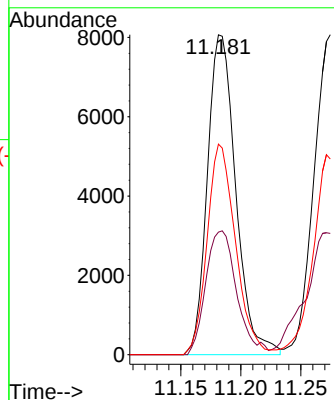
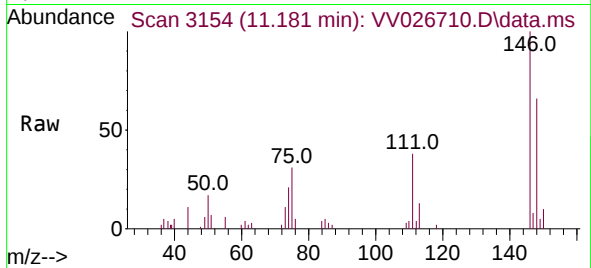




#64
1,3-Dichlorobenzene
Concen: 0.469 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

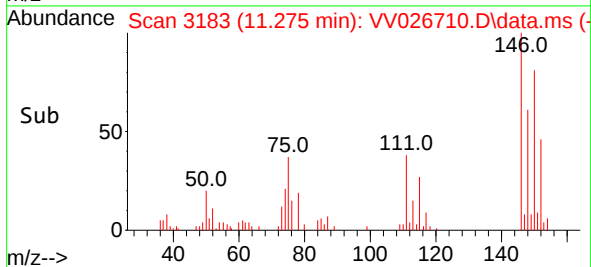
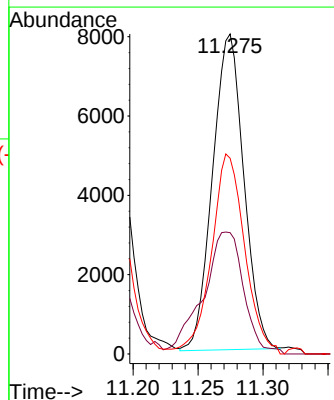
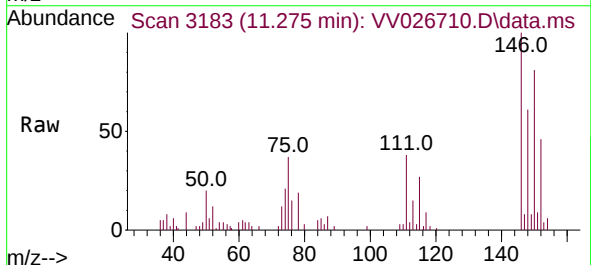
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

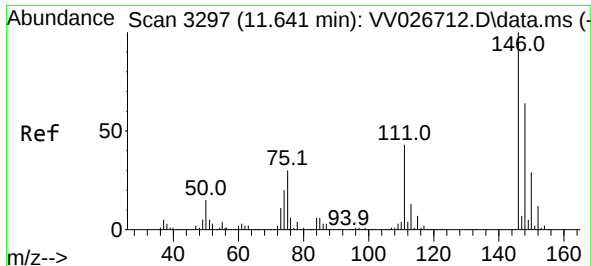
Tgt Ion:146 Resp: 13276
Ion Ratio Lower Upper
146 100
111 38.3 27.9 51.7
148 65.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 0.467 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:146 Resp: 13314
Ion Ratio Lower Upper
146 100
111 37.9 26.8 49.8
148 61.2 43.3 80.5

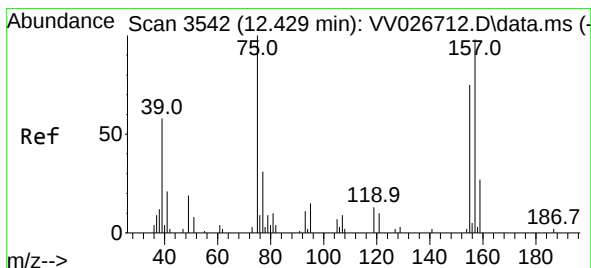
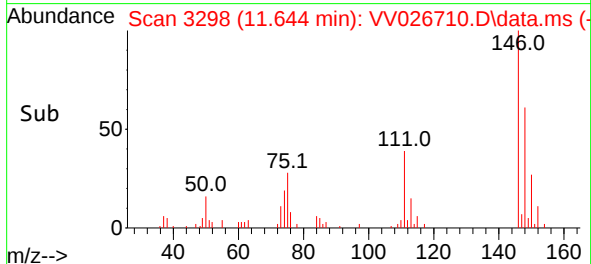
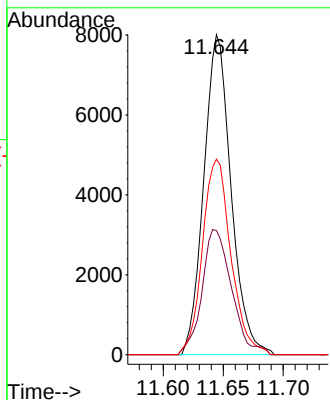
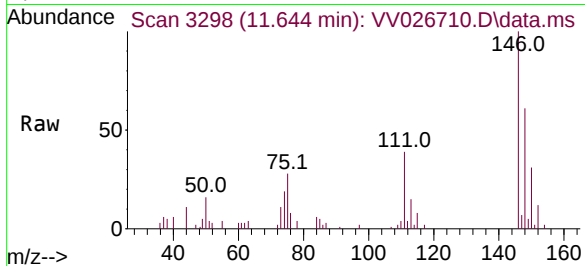




#67
1,2-Dichlorobenzene
Concen: 0.476 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

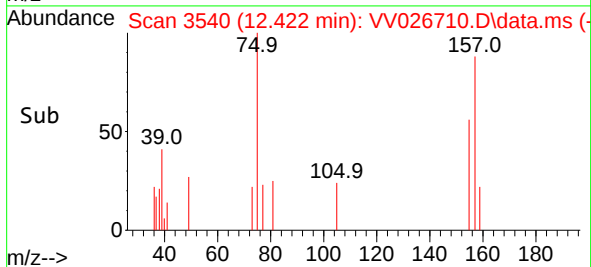
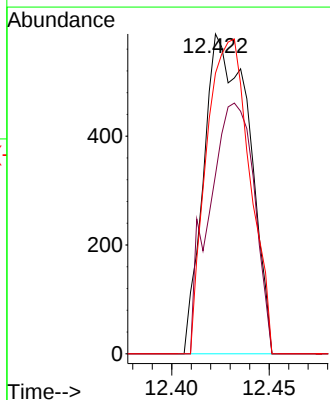
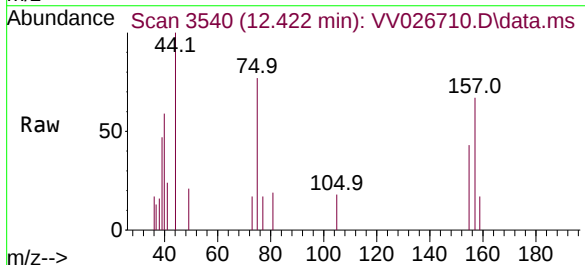
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

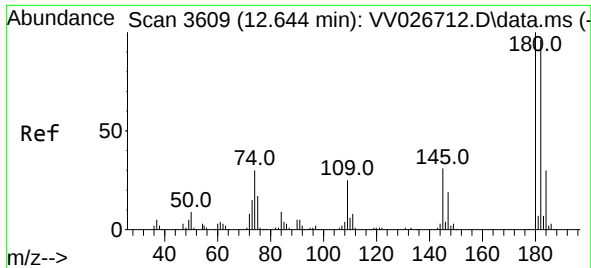
Tgt Ion:146 Resp: 12681
Ion Ratio Lower Upper
146 100
111 38.8 34.6 52.0
148 61.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.522 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
155 56.0 60.3 90.5#
157 87.8 78.2 117.4

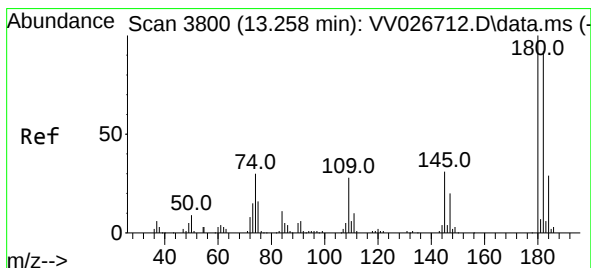
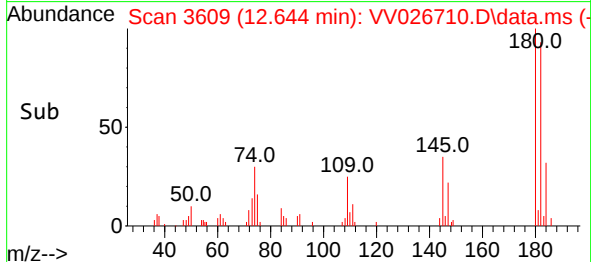
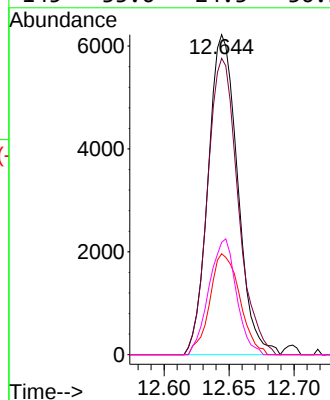
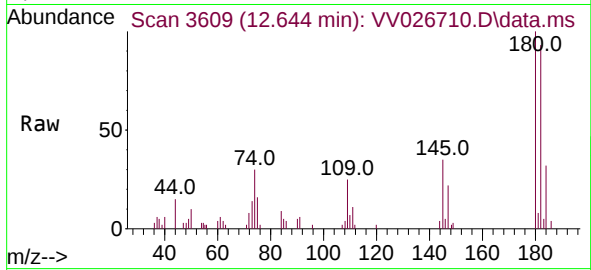




#69
1,3,5-Trichlorobenzene
Concen: 0.489 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

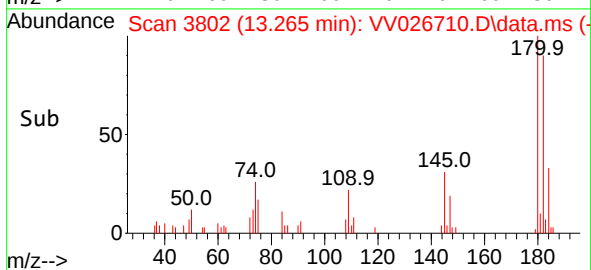
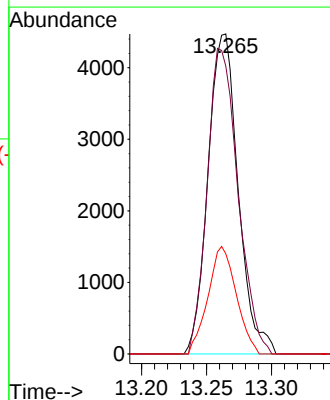
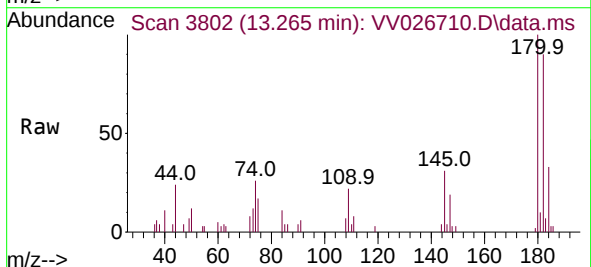
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

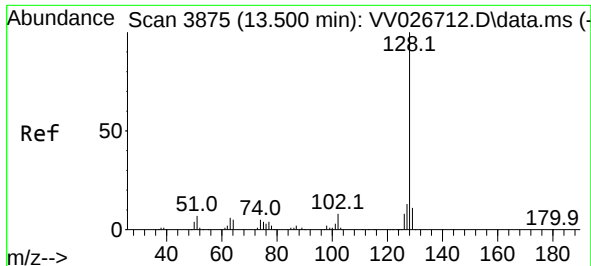
Tgt Ion:180	Resp:	9804
Ion	Ratio	Lower Upper
180	100	
182	95.5	74.0 111.0
184	32.1	23.1 34.7
145	33.6	24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 0.471 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:180	Resp:	7226
Ion	Ratio	Lower Upper
180	100	
182	97.2	74.7 112.1
145	31.5	24.7 37.1

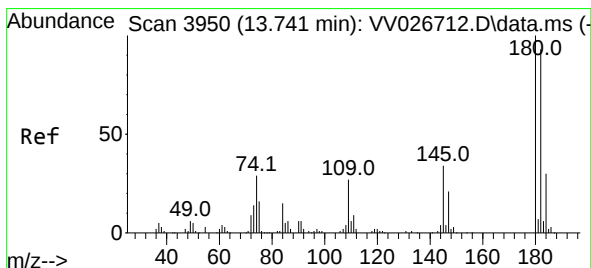
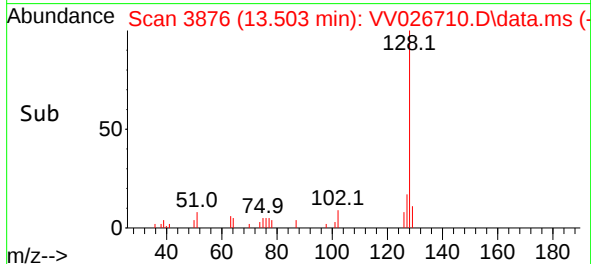
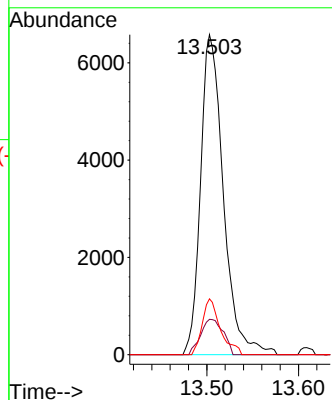
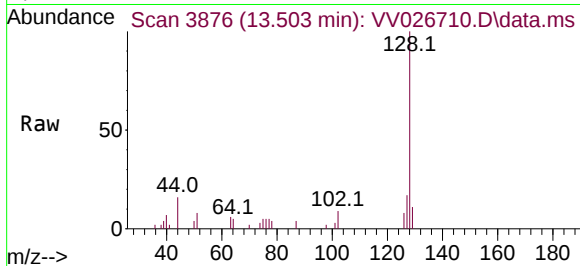




#71
Naphthalene
Concen: 0.448 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5201

Tgt Ion:128 Resp: 11378
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.8 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.431 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026710.D
Acq: 11 Jul 2022 18:40

Tgt Ion:180 Resp: 6109
Ion Ratio Lower Upper
180 100
182 100.5 75.0 112.4
145 35.9 26.0 39.0

