

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027434.D
 Acq On : 19 Aug 2022 09:50
 Operator : SY/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5213

Quant Time: Aug 20 05:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	127255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	4537	0.431	ug/L	0.00
7) Chloroethane-d5	1.561	69	3465	0.448	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	10971	0.543	ug/L	0.00
20) 2-Butanone-d5	4.143	46	227	0.132	ug/L	0.25
24) Chloroform-d	4.349	84	9075	0.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	4134	0.446	ug/L	0.00
32) Benzene-d6	5.053	84	16303	0.475	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	5270	0.503	ug/L	0.00
41) Toluene-d8	7.320	98	13182	0.420	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1543	0.424	ug/L	0.01
46) 2-Hexanone-d5	8.108	63	3196	2.351	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3348	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	4508	0.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	5714	0.386	ug/L	99
3) Chloromethane	1.237	50	5300	0.366	ug/L	99
5) Vinyl chloride	1.304	62	5135	0.375	ug/L	94
6) Bromomethane	1.519	94	2539	0.394	ug/L	96
8) Chloroethane	1.581	64	2966	0.386	ug/L	97
9) Trichlorofluoromethane	1.748	101	8449	0.449	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4482	0.483	ug/L	92
12) 1,1-Dichloroethene	2.111	96	4510	0.486	ug/L #	77
13) Acetone	2.179	43	3424	2.626	ug/L	92
14) Carbon disulfide	2.288	76	11664	0.335	ug/L #	93
15) Methyl Acetate	2.433	43	1223	0.351	ug/L #	89
16) Methylene chloride	2.503	84	10958	0.758	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	8117	0.380	ug/L #	93
18) trans-1,2-Dichloroethene	2.761	96	4183	0.376	ug/L	92
19) 1,1-Dichloroethane	3.185	63	8491	0.392	ug/L	97
21) 2-Butanone	4.008	43	1679	0.921	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	4149	0.377	ug/L	94
23) Bromochloromethane	4.249	128	1753	0.344	ug/L	94
25) Chloroform	4.375	83	9693	0.431	ug/L	90
27) 1,2-Dichloroethane	5.137	62	4394	0.345	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	8021	0.468	ug/L	96
30) Cyclohexane	4.667	56	5098	0.375	ug/L	95
31) Carbon tetrachloride	4.822	117	6572	0.442	ug/L	98
33) Benzene	5.105	78	14907	0.366	ug/L	100
34) Trichloroethene	5.915	95	4426	0.434	ug/L	96
35) Methylcyclohexane	6.130	83	5327	0.384	ug/L	98
37) 1,2-Dichloropropane	6.178	63	4149	0.411	ug/L #	95
38) Bromodichloromethane	6.510	83	5734	0.437	ug/L #	96
39) cis-1,3-Dichloropropene	7.037	75	4887	0.392	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	15705	3.073	ug/L #	90
42) Toluene	7.391	91	14250	0.350	ug/L	92
44) trans-1,3-Dichloropropene	7.664	75	3949	0.367	ug/L	97

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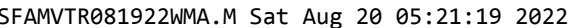
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5213

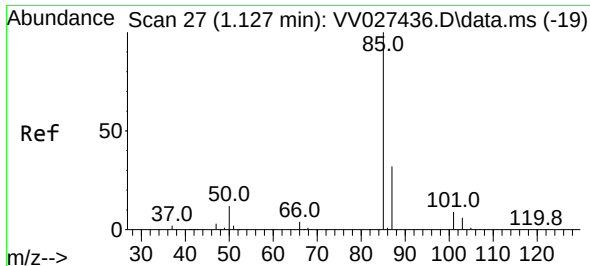
Quant Time: Aug 20 05:21:10 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	2804	0.395	ug/L	89
47) Tetrachloroethene	7.976	164	3221	0.402	ug/L	90
48) 2-Hexanone	8.153	43	8017	2.183	ug/L #	83
49) Dibromochloromethane	8.249	129	3303	0.392	ug/L	86
50) 1,2-Dibromoethane	8.358	107	2248	0.357	ug/L #	83
51) Chlorobenzene	8.883	112	10412	0.392	ug/L	92
52) Ethylbenzene	9.014	91	13986	0.343	ug/L	99
53) m,p-Xylene	9.140	106	5149	0.331	ug/L	89
54) o-Xylene	9.545	106	5380	0.352	ug/L	97
55) Styrene	9.564	104	8332	0.319	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.243	83	3241	0.408	ug/L #	97
59) Bromoform	9.731	173	1790	0.472	ug/L #	94
60) Isopropylbenzene	9.931	105	13222	0.370	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2087	0.388	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.542	105	4131	0.419	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	9878	0.351	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	7224	0.403	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	7189	0.403	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	6577	0.399	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.439	75	552	0.496	ug/L #	49
69) 1,3,5-Trichlorobenzene	12.644	180	5402	0.418	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3744	0.388	ug/L	94
71) Naphthalene	13.506	128	4998	0.343	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	2915	0.328	ug/L	86

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

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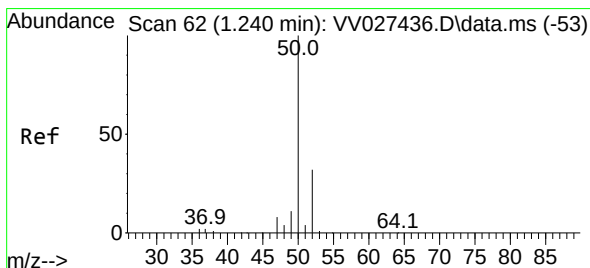
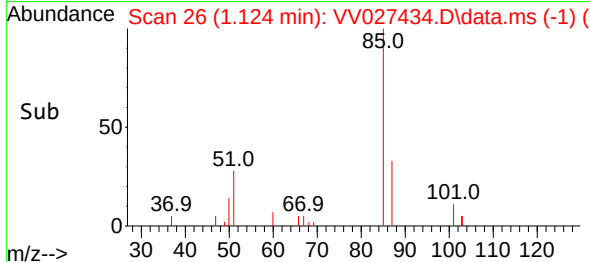
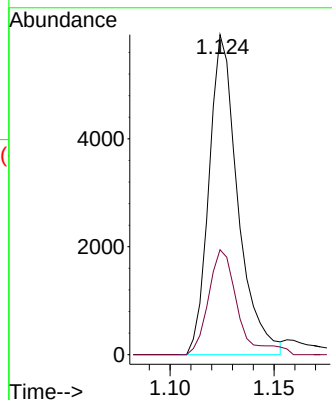
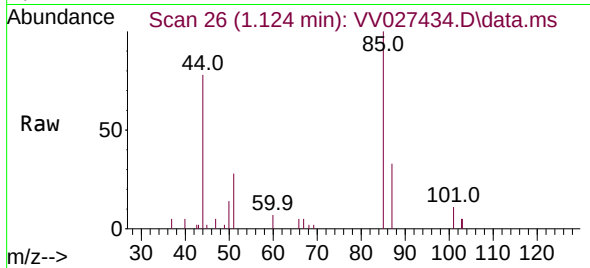




#2
 Dichlorodifluoromethane
 Concen: 0.386 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027434.D
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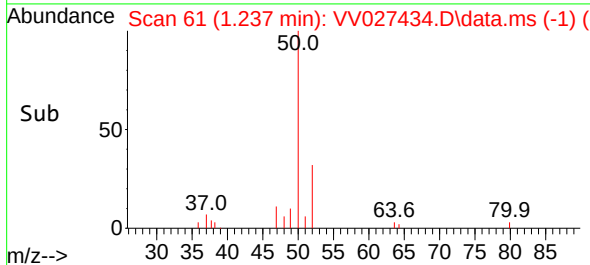
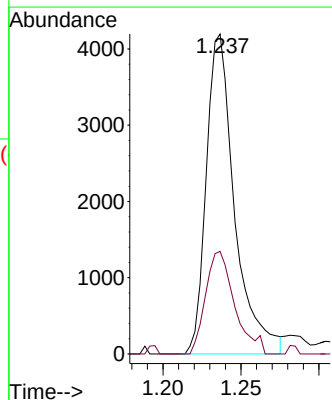
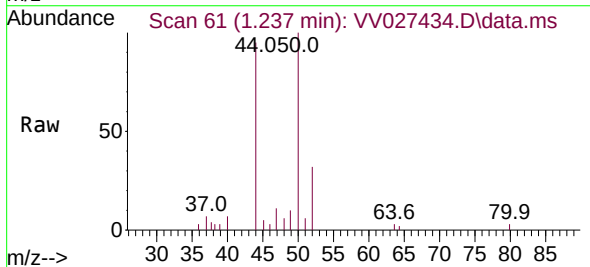
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5213

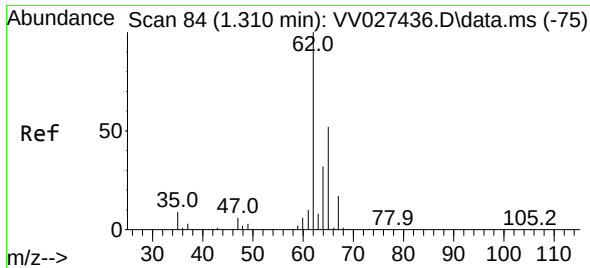
Tgt Ion: 85 Resp: 5714
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 0.366 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

Tgt Ion: 50 Resp: 5300
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.8 42.4

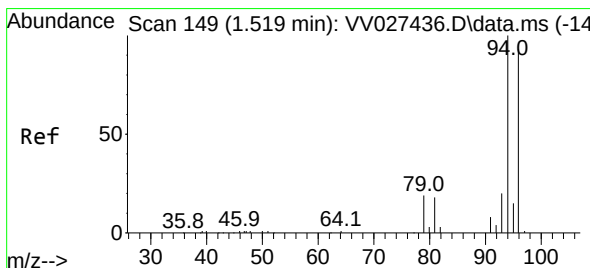
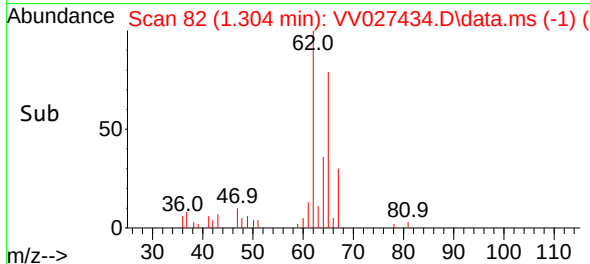
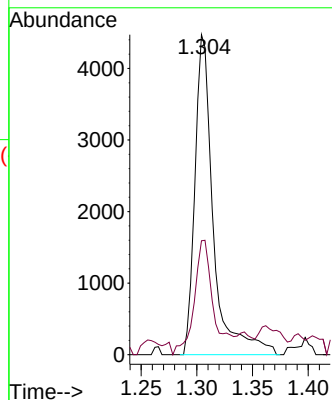
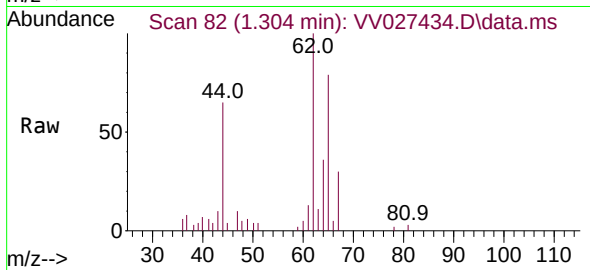




#5
 Vinyl chloride
 Concen: 0.375 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

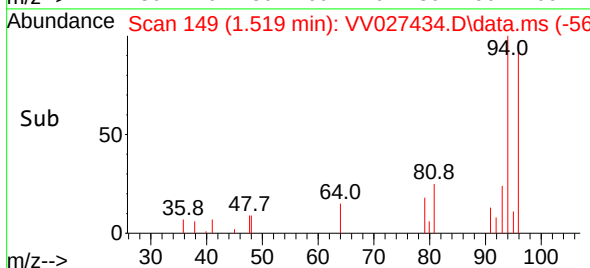
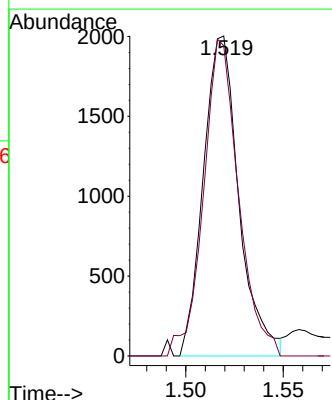
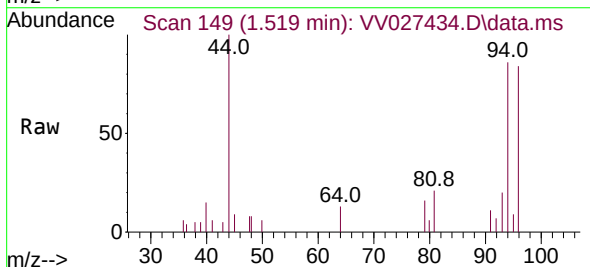
Instrument :
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 ClientSampleId :
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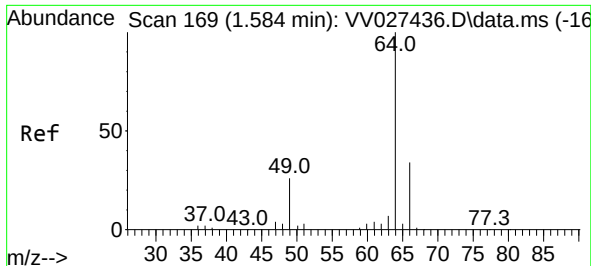
Tgt Ion: 62 Resp: 5135
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.6 42.0



#6
 Bromomethane
 Concen: 0.394 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

Tgt Ion: 94 Resp: 2539
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.2 121.0

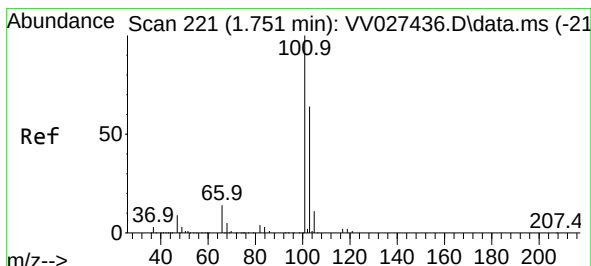
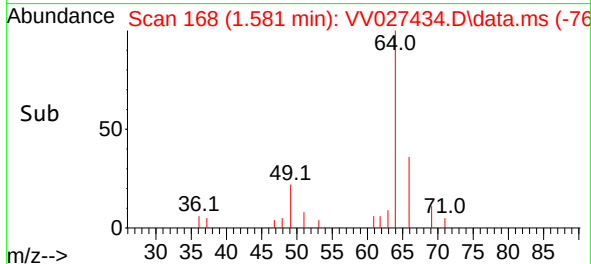
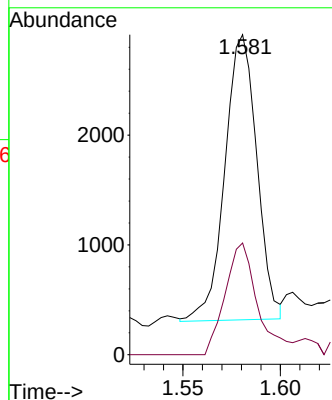
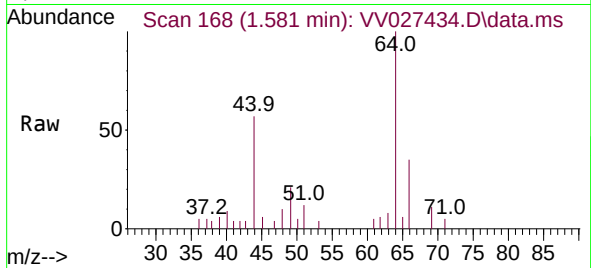




#8
Chloroethane
Concen: 0.386 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

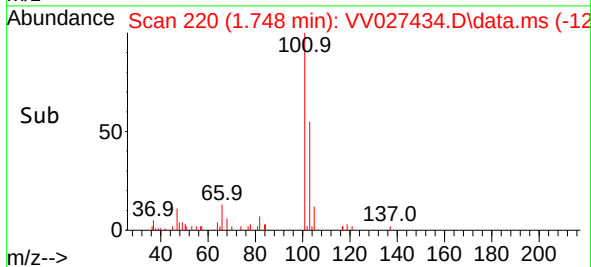
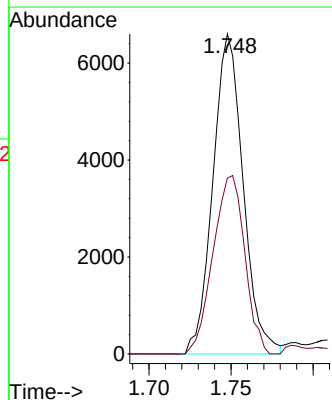
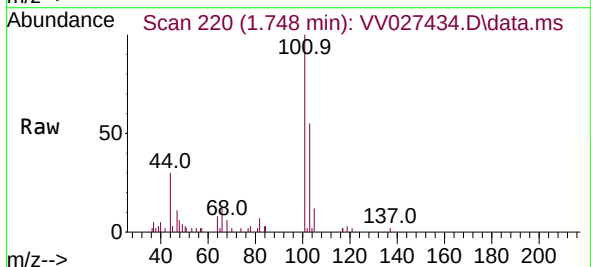
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

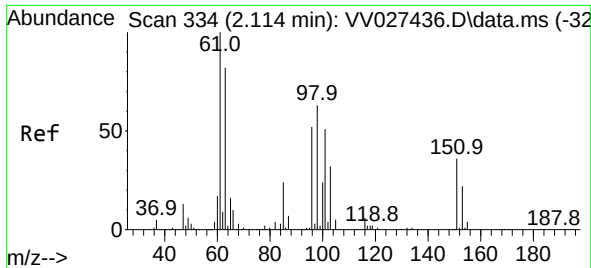
Tgt Ion: 64 Resp: 2966
Ion Ratio Lower Upper
64 100
66 34.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 0.449 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 101 Resp: 8449
Ion Ratio Lower Upper
101 100
103 58.4 51.5 77.3

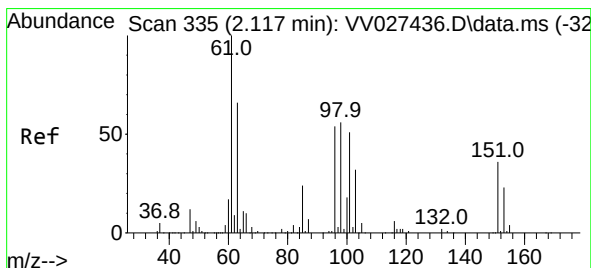
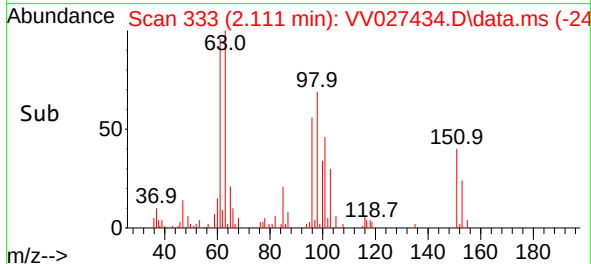
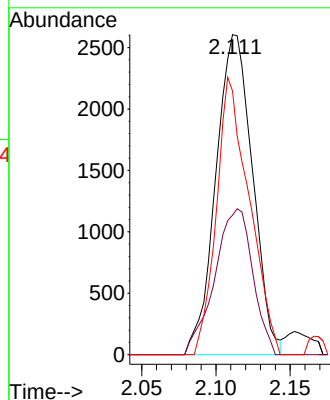
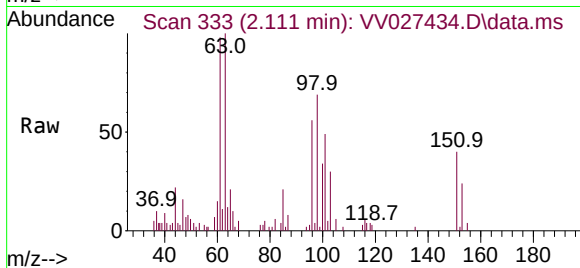




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.483 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

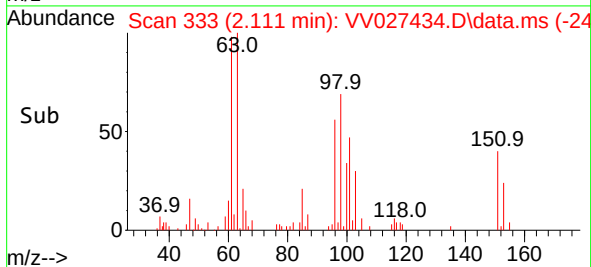
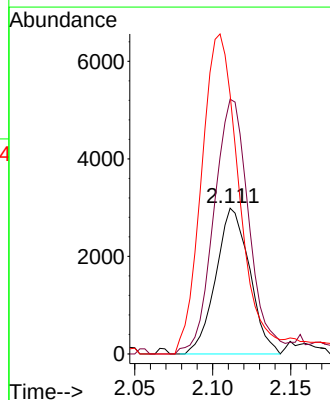
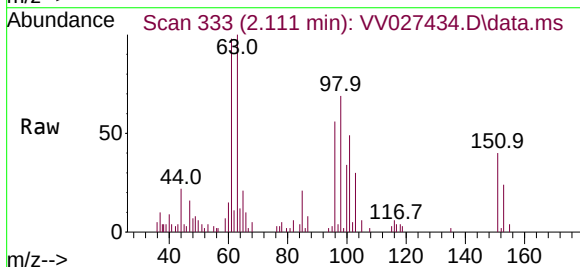
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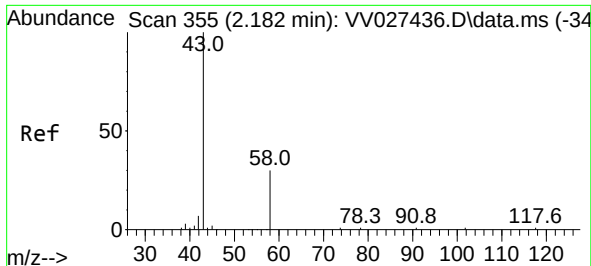
Tgt Ion:	101	Resp:	4482
Ion	Ratio	Lower	Upper
101	100		
85	47.2	35.3	52.9
151	77.4	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 0.486 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

Tgt Ion:	96	Resp:	4510
Ion	Ratio	Lower	Upper
96	100		
61	174.8	130.2	241.8
63	178.0	87.4	162.4





#13

Acetone

Concen: 2.626 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

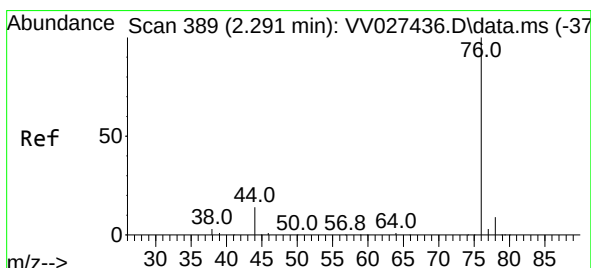
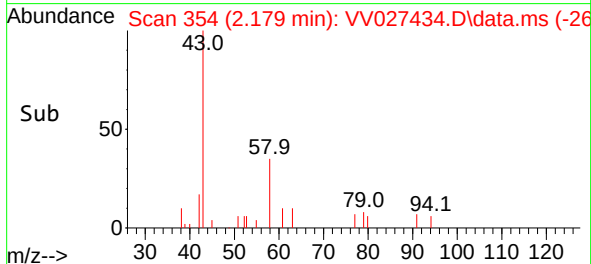
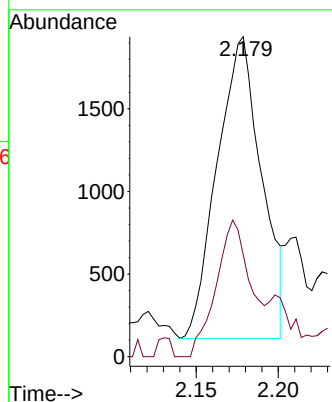
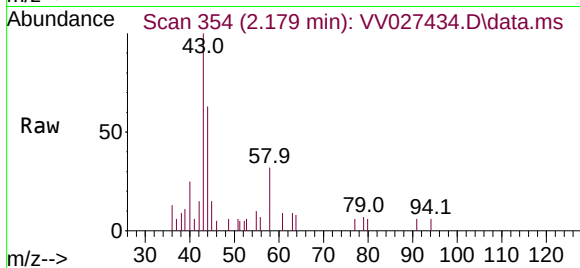
VSTD0.5213

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

43 100

58 35.4 0.0 62.2



#14

Carbon disulfide

Concen: 0.335 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV027434.D

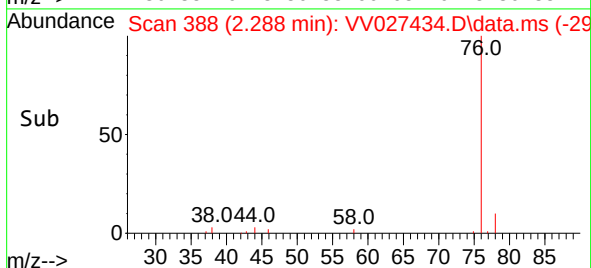
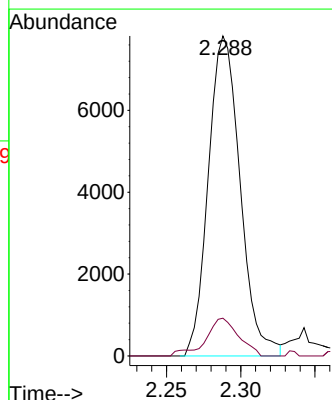
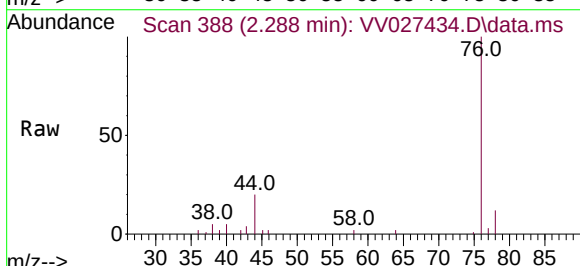
Acq: 19 Aug 2022 09:50

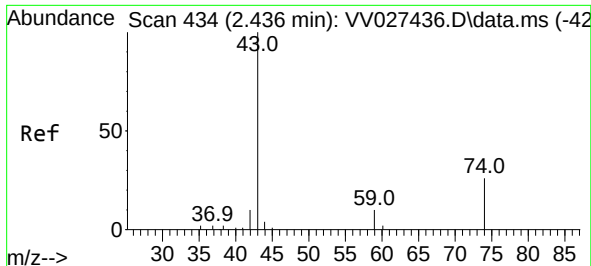
Tgt Ion: 76 Resp: 11664

Ion Ratio Lower Upper

76 100

78 11.8 7.3 10.9#

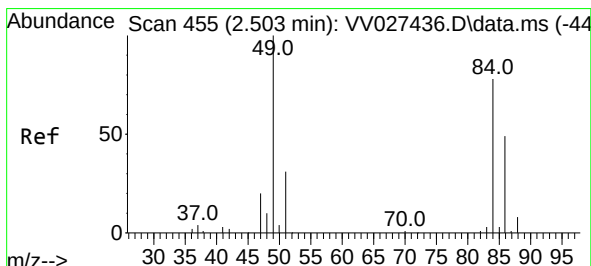
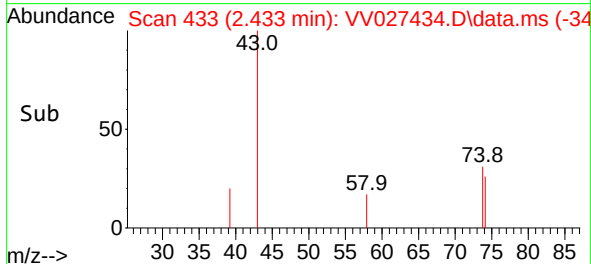
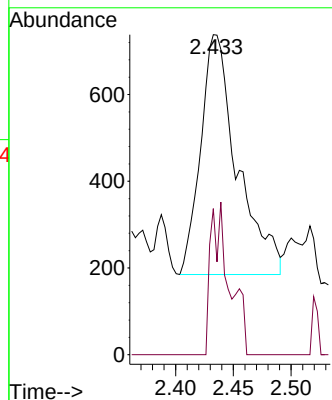
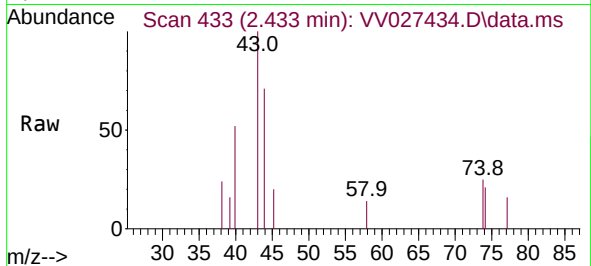




#15
Methyl Acetate
Concen: 0.351 ug/L
RT: 2.433 min Scan# 413
Delta R.T. -0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

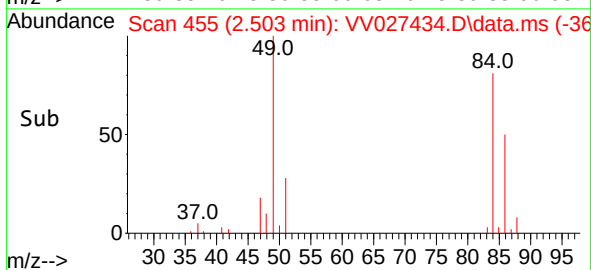
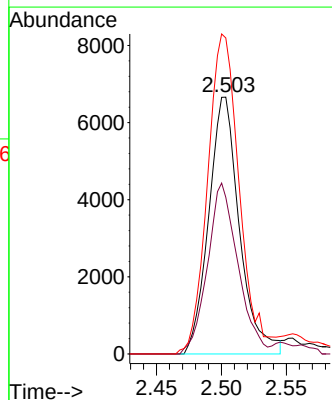
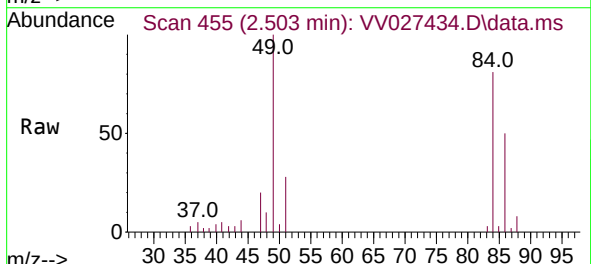
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

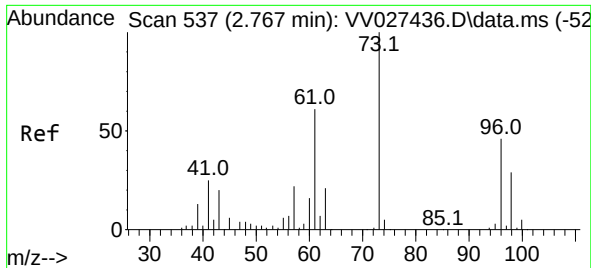
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
74 25.6 16.3 24.5#



#16
Methylene chloride
Concen: 0.758 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 84 Resp: 10958
Ion Ratio Lower Upper
84 100
86 61.0 44.0 81.6
49 123.1 89.4 166.0

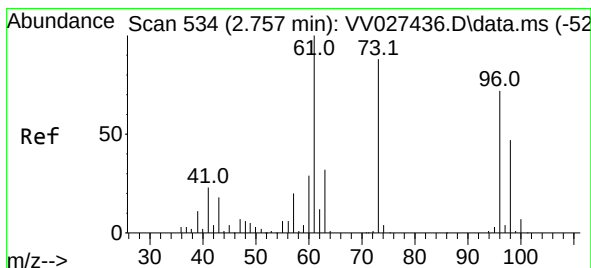
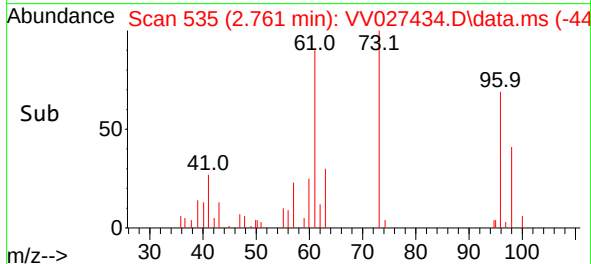
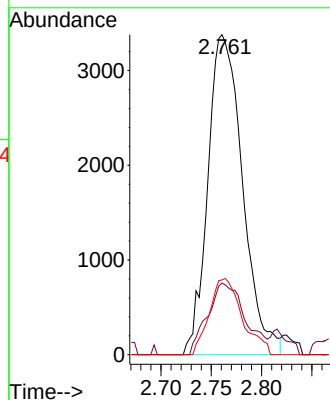
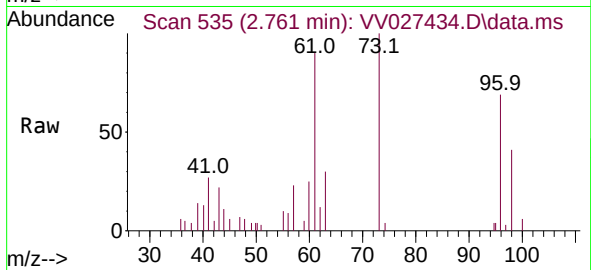




#17
Methyl tert-butyl Ether
Concen: 0.380 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

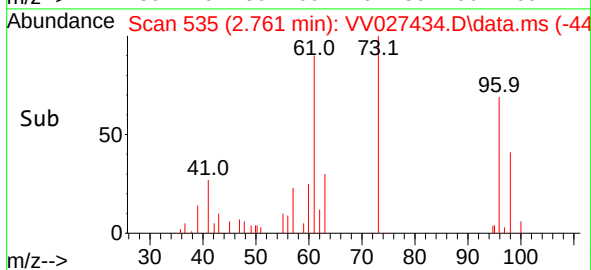
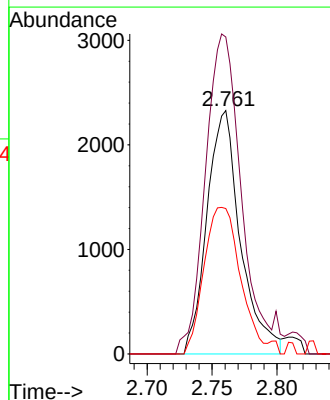
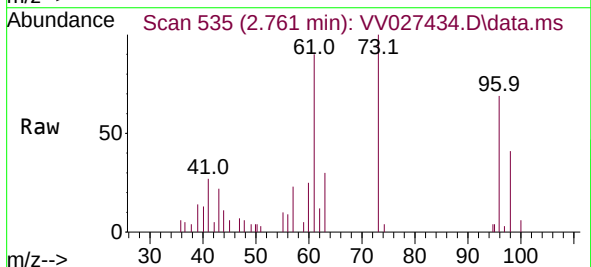
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

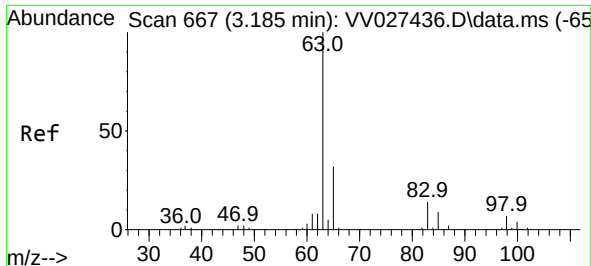
Tgt Ion: 73 Resp: 8117
Ion Ratio Lower Upper
73 100
43 24.4 15.6 23.4#
57 22.5 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.376 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 96 Resp: 4183
Ion Ratio Lower Upper
96 100
61 130.2 97.6 181.4
98 59.8 45.9 85.3





#19

1,1-Dichloroethane

Concen: 0.392 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5213

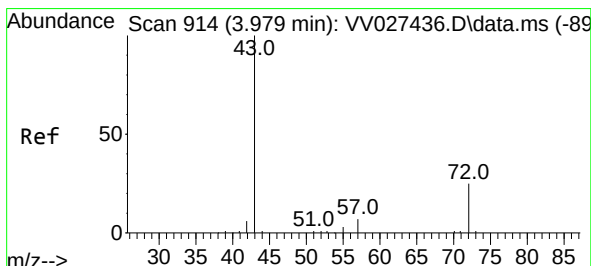
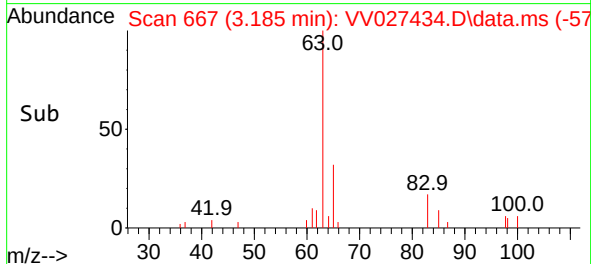
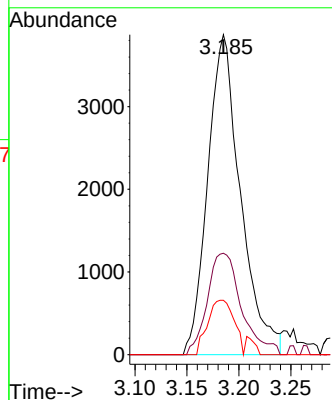
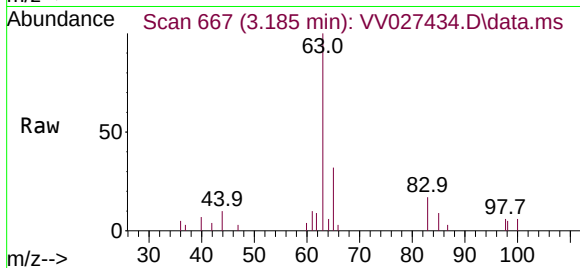
Tgt Ion: 63 Resp: 8491

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 17.0 9.6 17.8



#21

2-Butanone

Concen: 0.921 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.029 min

Lab File: VV027434.D

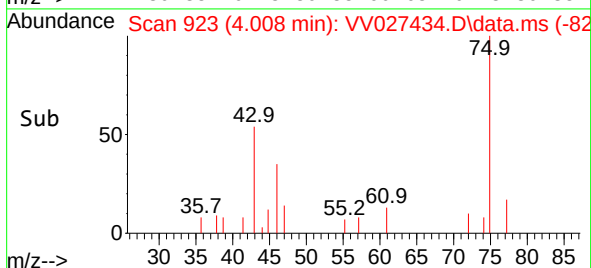
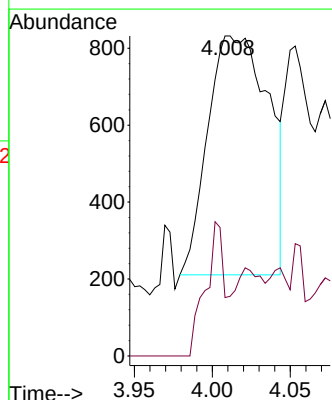
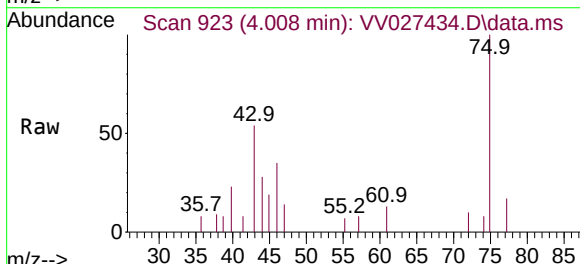
Acq: 19 Aug 2022 09:50

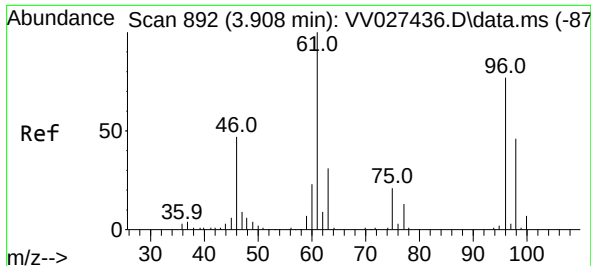
Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

72 18.3 12.0 36.1

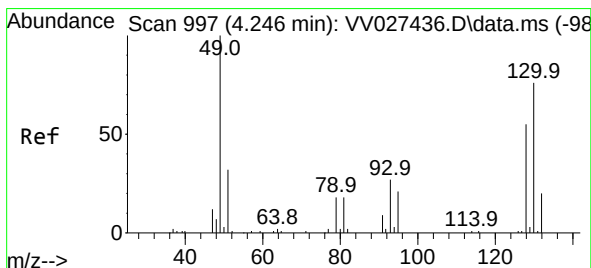
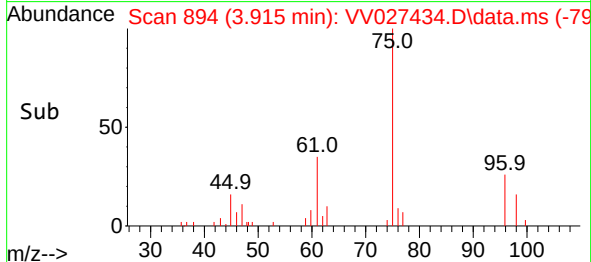
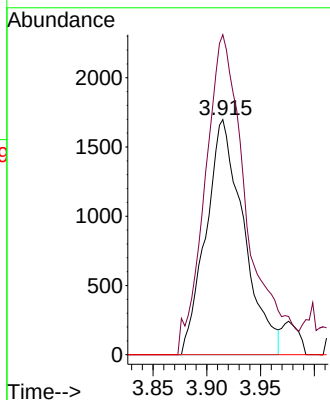
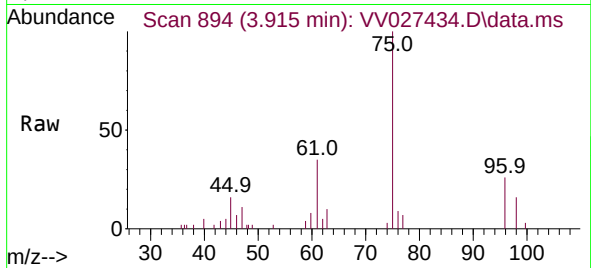




#22
 cis-1,2-Dichloroethene
 Concen: 0.377 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

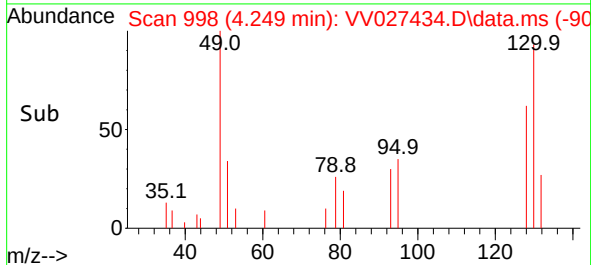
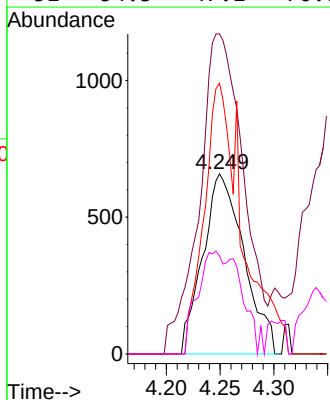
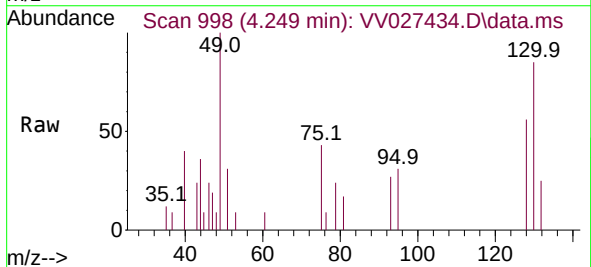
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5213

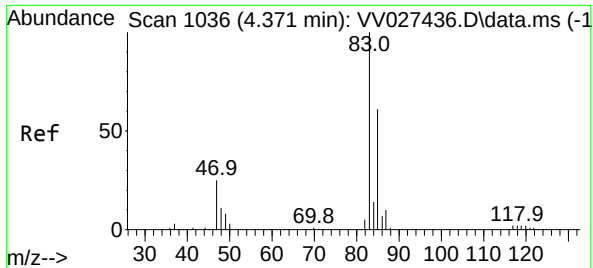
Tgt Ion: 96 Resp: 4149
 Ion Ratio Lower Upper
 96 100
 61 136.1 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.344 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV027434.D
 Acq: 19 Aug 2022 09:50

Tgt Ion: 128 Resp: 1753
 Ion Ratio Lower Upper
 128 100
 49 177.5 127.5 236.7
 130 150.2 97.0 180.2
 51 54.3 47.1 70.7

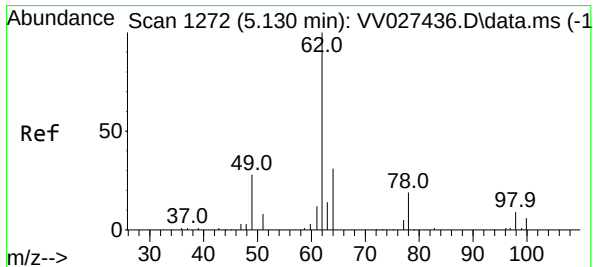
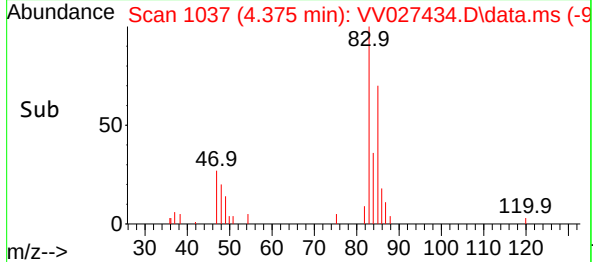
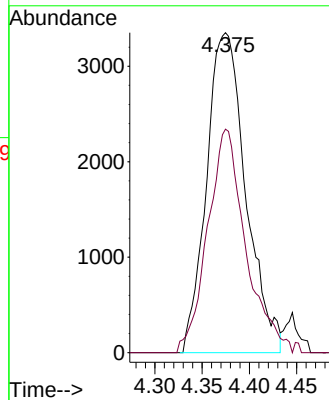
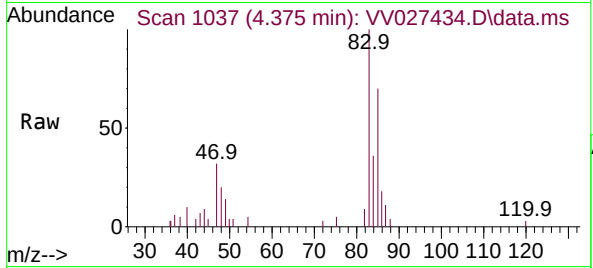




#25
Chloroform
Concen: 0.431 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

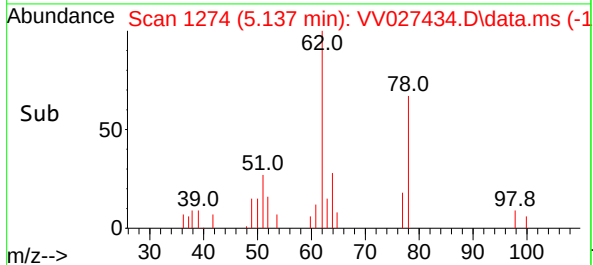
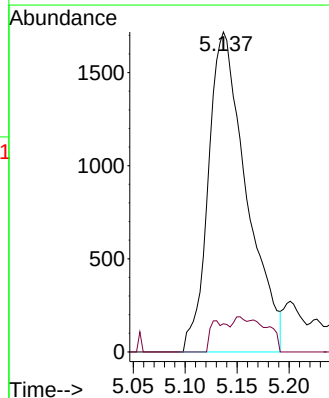
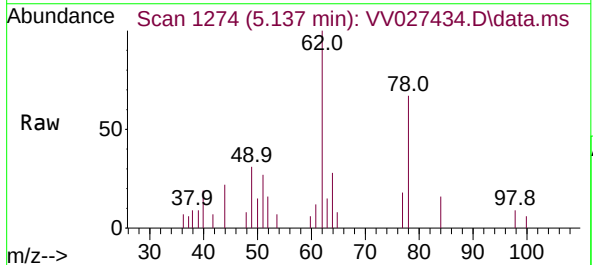
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

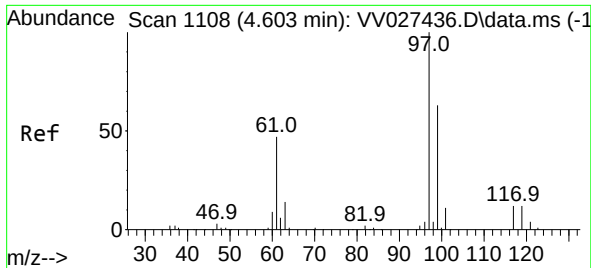
Tgt Ion: 83 Resp: 9693
Ion Ratio Lower Upper
83 100
85 69.9 43.3 80.5



#27
1,2-Dichloroethane
Concen: 0.345 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 62 Resp: 4394
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.2

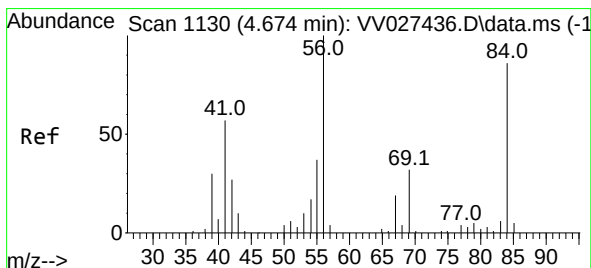
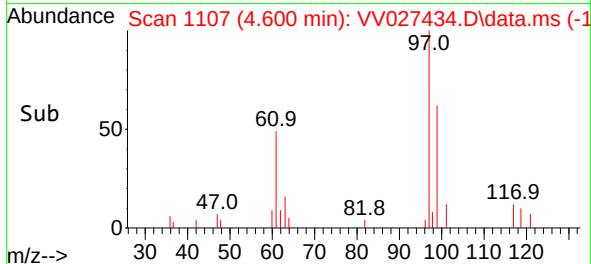
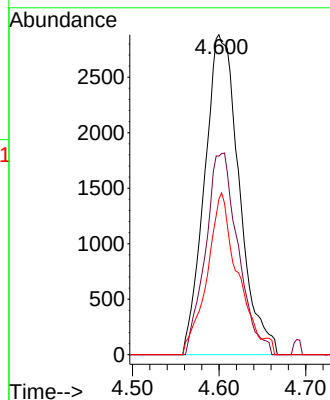
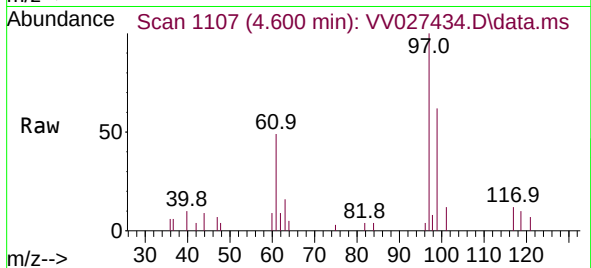




#29
1,1,1-Trichloroethane
Concen: 0.468 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

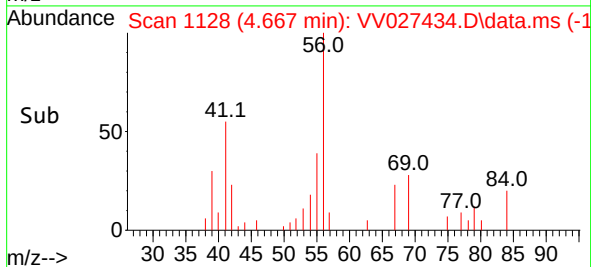
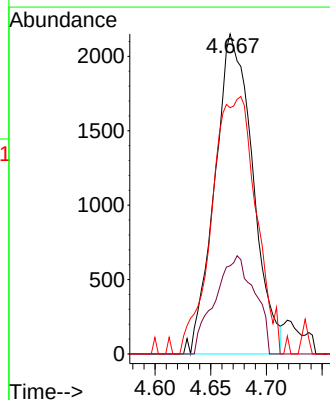
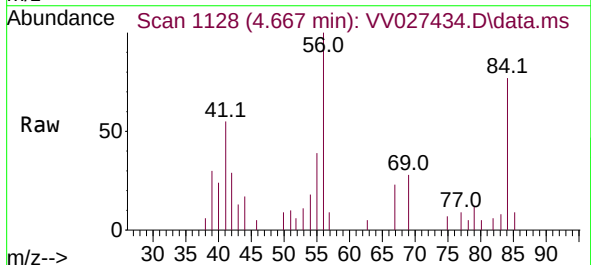
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

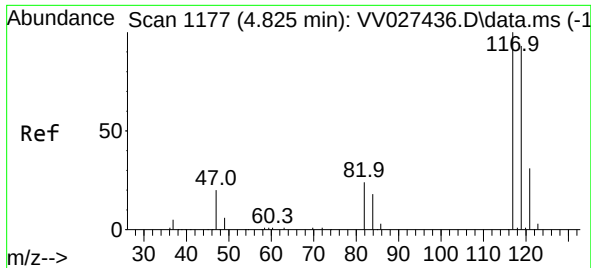
Tgt Ion: 97	Resp: 8021
Ion Ratio	Lower Upper
97 100	
99 59.2	51.1 76.7
61 44.2	35.9 53.9



#30
Cyclohexane
Concen: 0.375 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 56	Resp: 5098
Ion Ratio	Lower Upper
56 100	
69 31.9	25.4 38.0
84 93.7	69.7 104.5

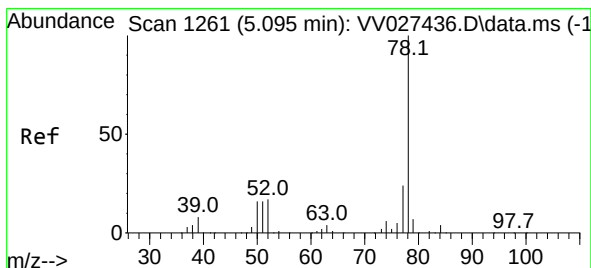
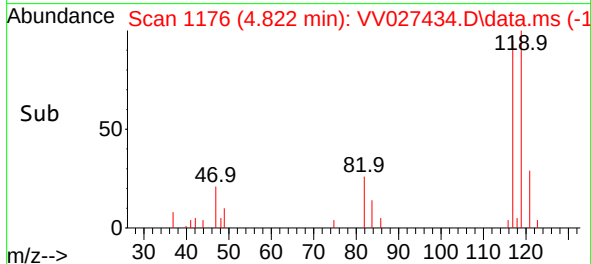
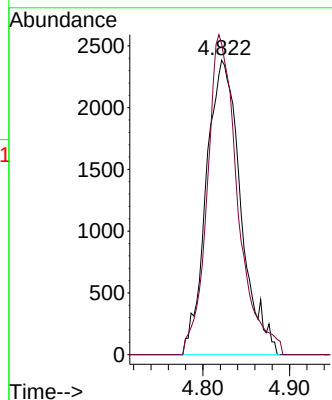
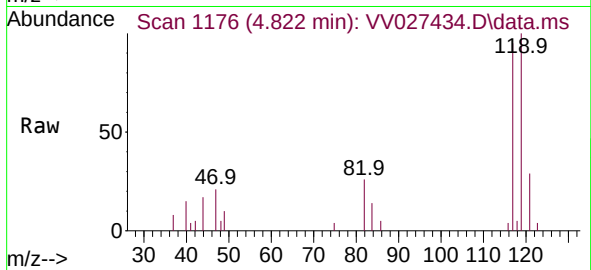




#31
Carbon tetrachloride
Concen: 0.442 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

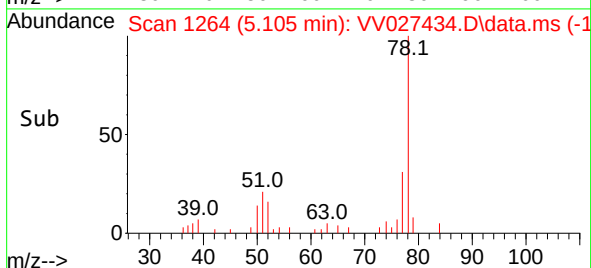
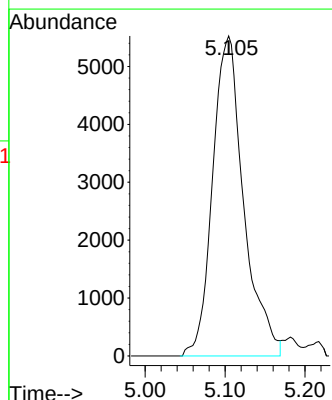
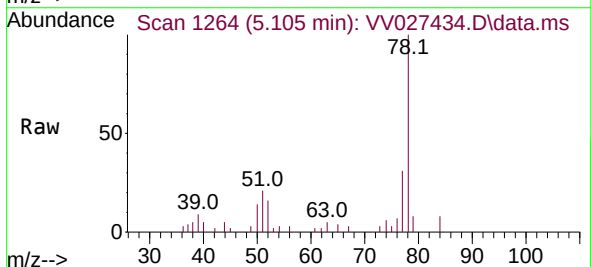
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

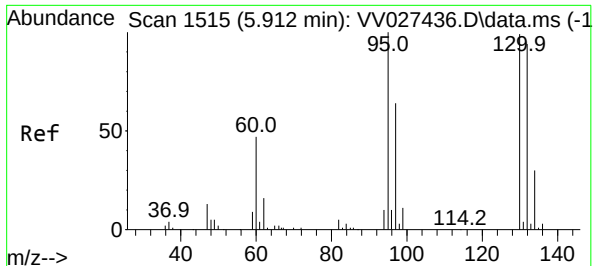
Tgt Ion:117 Resp: 6572
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1



#33
Benzene
Concen: 0.366 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 78 Resp: 14907



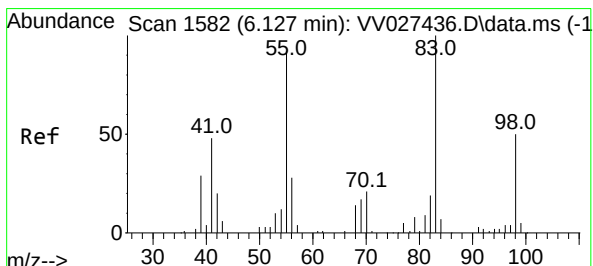
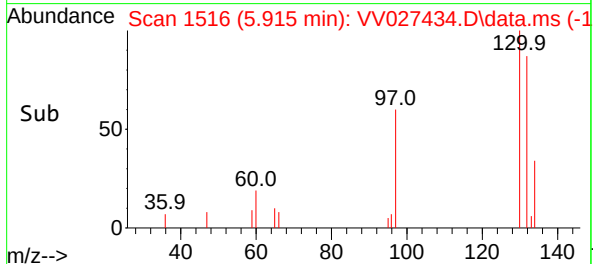
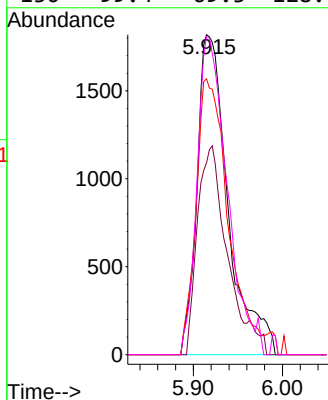
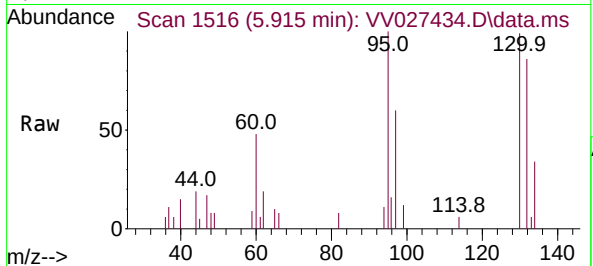


#34
Trichloroethene
Concen: 0.434 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

Tgt Ion: 95 Resp: 4426

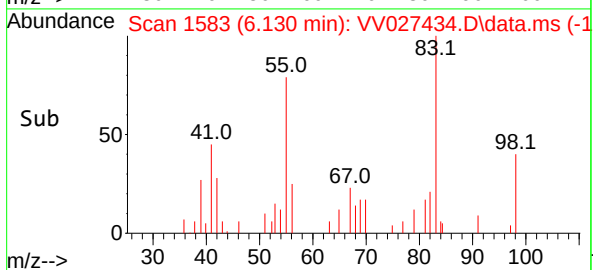
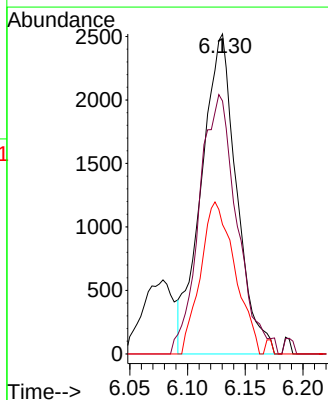
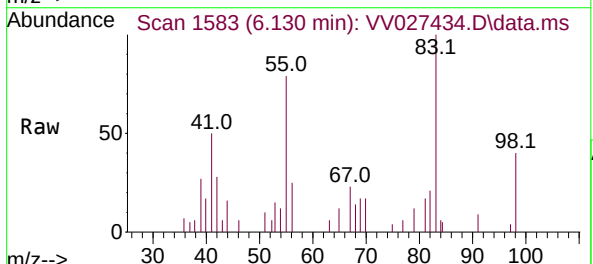
Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.0	83.6
132	86.2	65.7	121.9
130	99.4	69.3	128.7

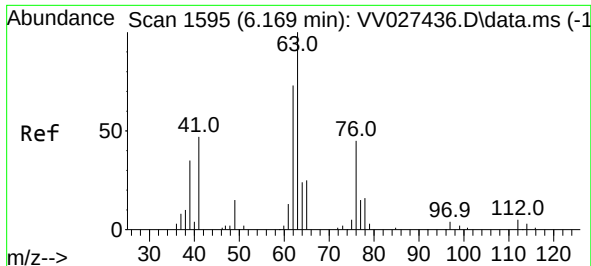


#35
Methylcyclohexane
Concen: 0.384 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 83 Resp: 5327

Ion	Ratio	Lower	Upper
83	100		
55	86.9	68.2	102.4
98	46.6	39.0	58.4





#37

1,2-Dichloropropane

Concen: 0.411 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

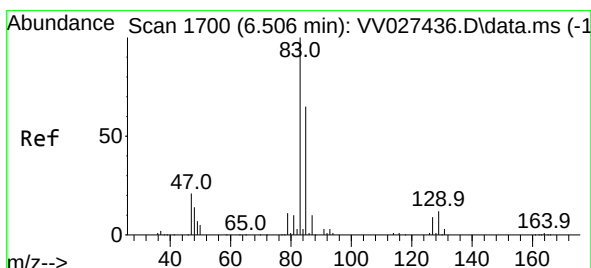
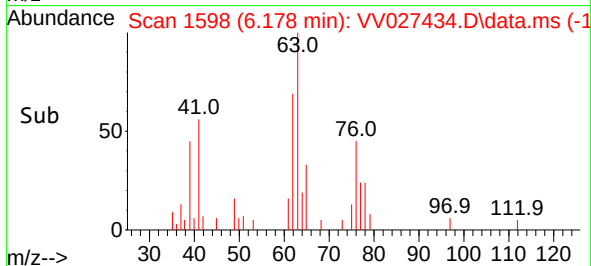
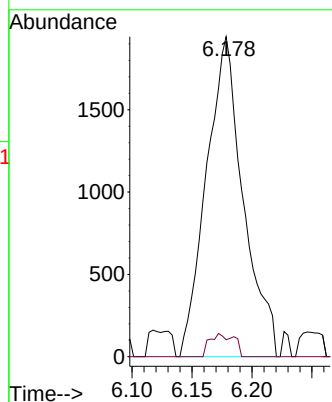
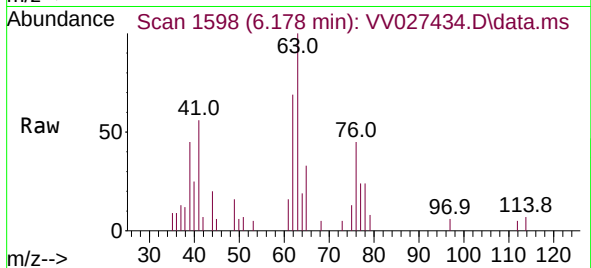
VSTD0.5213

Tgt Ion: 63 Resp: 4149

Ion Ratio Lower Upper

63 100

112 3.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.437 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

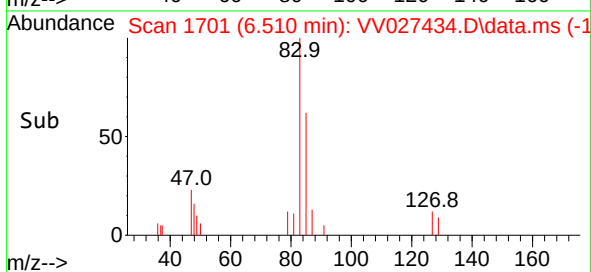
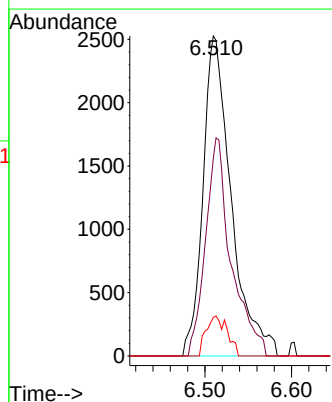
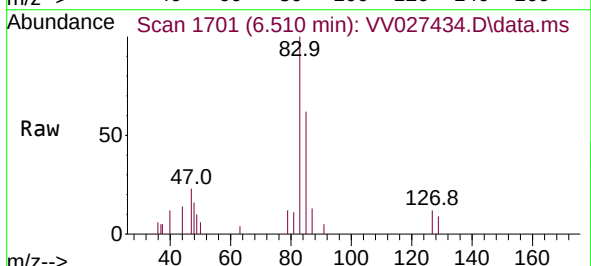
Tgt Ion: 83 Resp: 5734

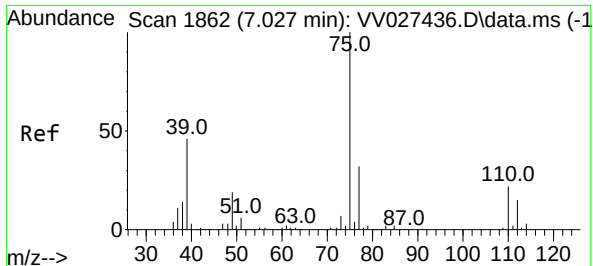
Ion Ratio Lower Upper

83 100

85 61.8 45.3 84.1

127 12.1 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

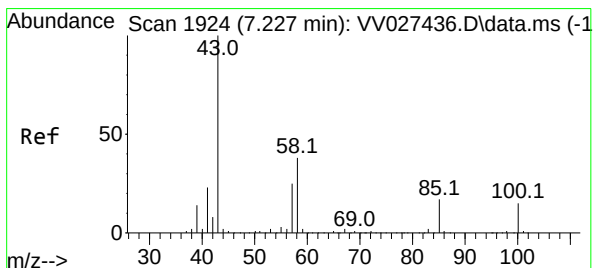
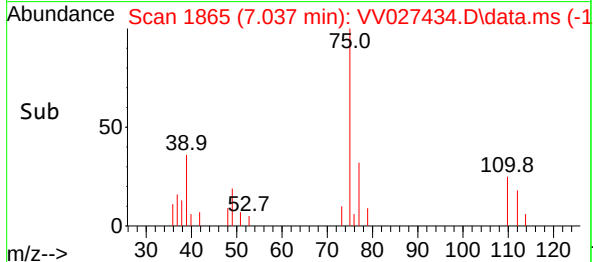
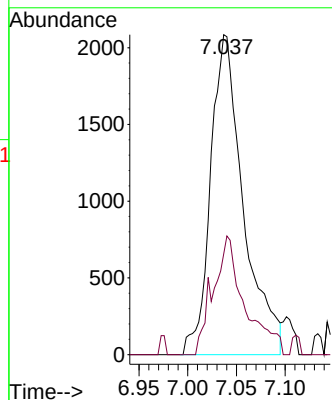
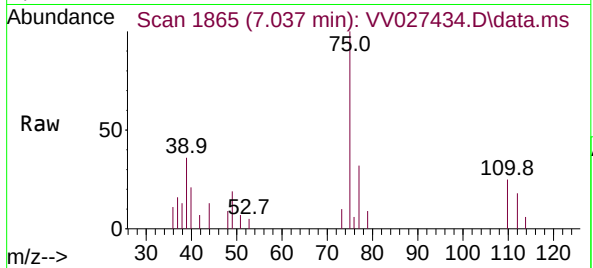
VSTD0.5213

Tgt Ion: 75 Resp: 4887

Ion Ratio Lower Upper

75 100

77 31.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 3.073 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

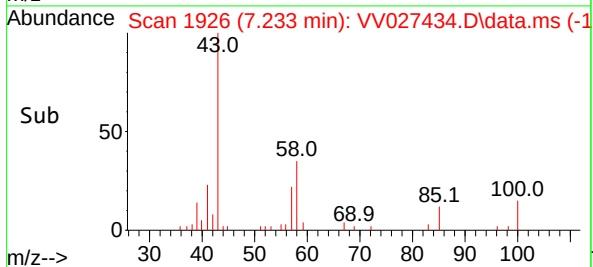
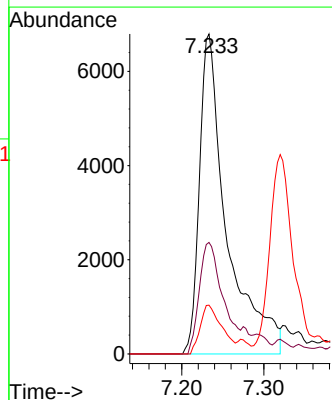
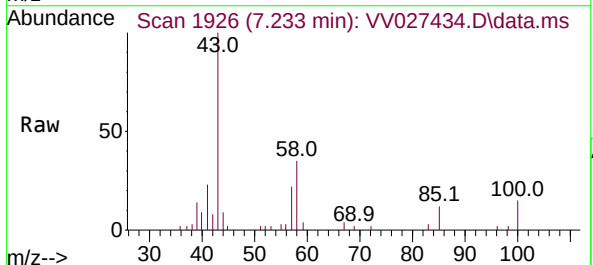
Tgt Ion: 43 Resp: 15705

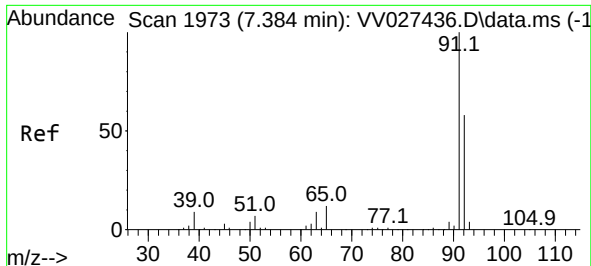
Ion Ratio Lower Upper

43 100

58 30.5 30.6 45.8

100 12.2 11.0 16.4





#42

Toluene

Concen: 0.350 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

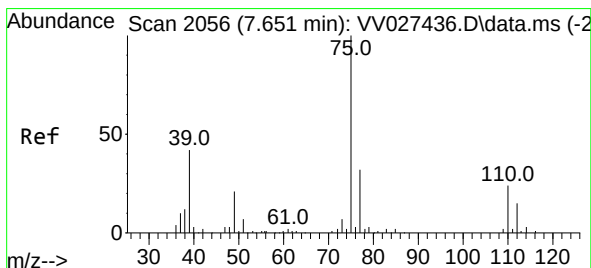
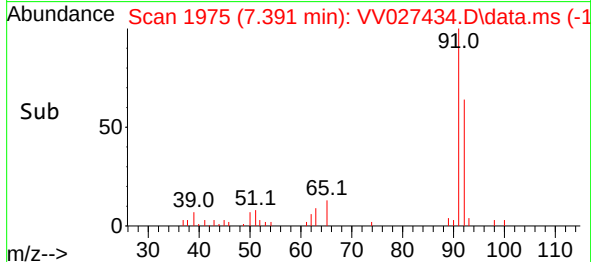
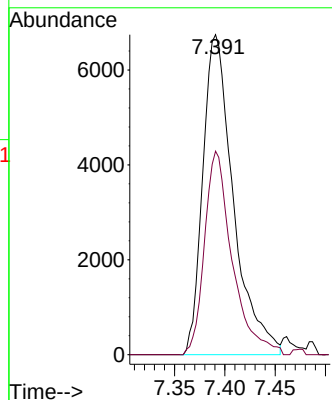
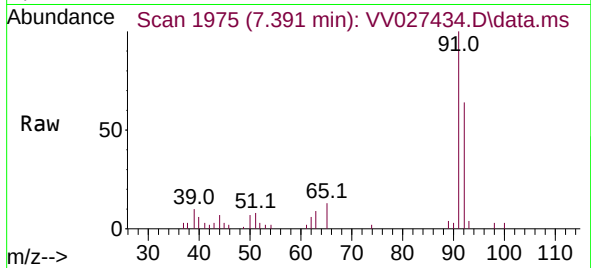
VSTD0.5213

Tgt Ion: 91 Resp: 14250

Ion Ratio Lower Upper

91 100

92 63.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.367 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VV027434.D

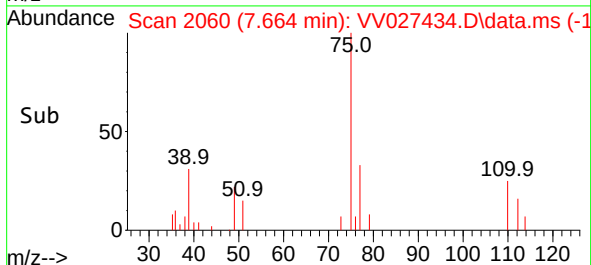
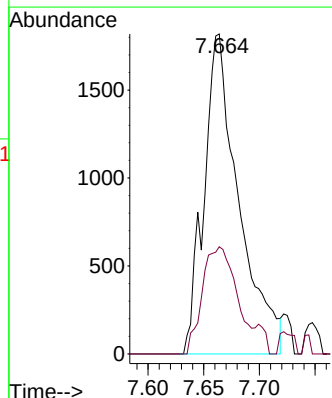
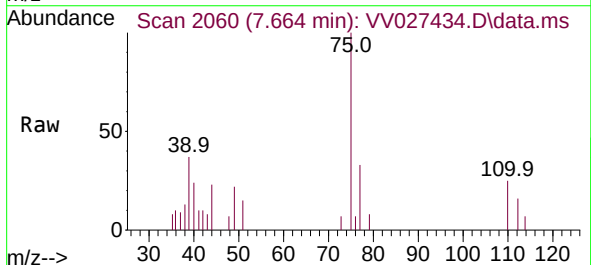
Acq: 19 Aug 2022 09:50

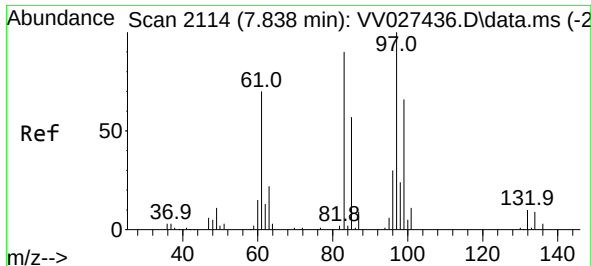
Tgt Ion: 75 Resp: 3949

Ion Ratio Lower Upper

75 100

77 33.5 22.3 41.5



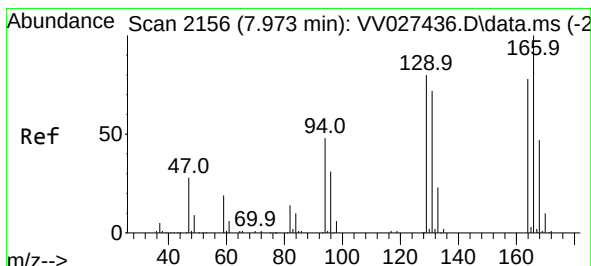
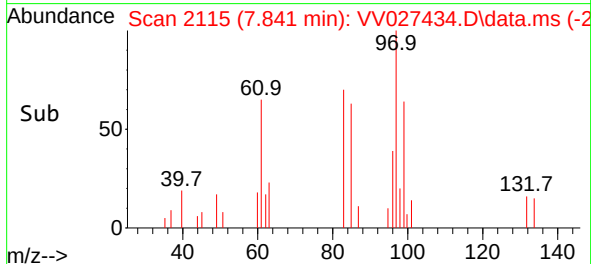
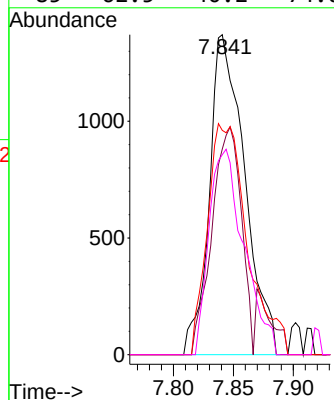
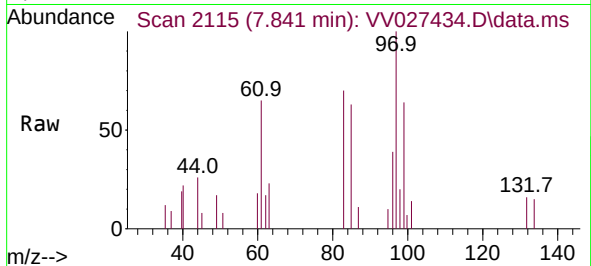


#45
1,1,2-Trichloroethane
Concen: 0.395 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

Tgt Ion: 97 Resp: 2804

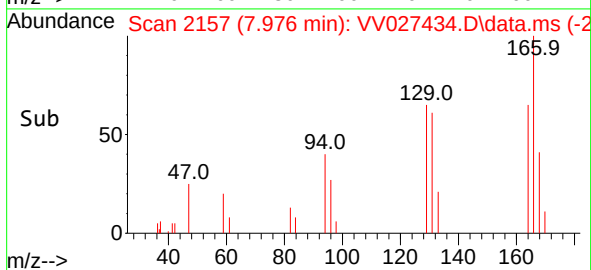
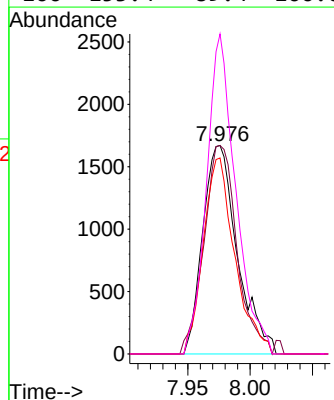
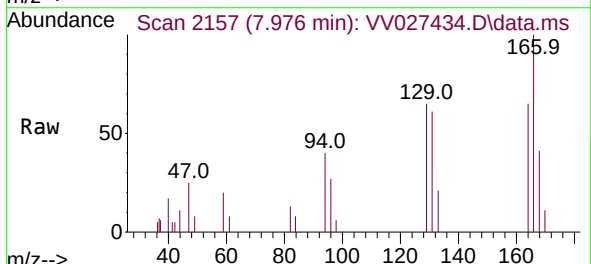
Ion	Ratio	Lower	Upper
97	100		
99	64.3	46.1	85.7
83	70.1	63.0	117.0
85	62.5	40.2	74.6

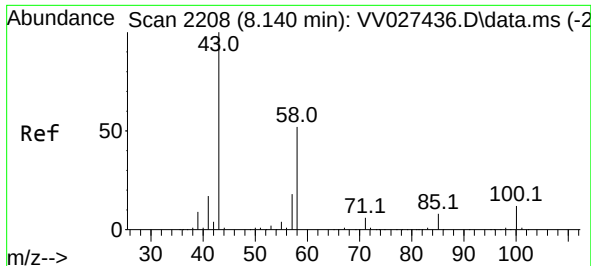


#47
Tetrachloroethene
Concen: 0.402 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 164 Resp: 3221

Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.1	132.1
131	94.0	64.5	119.9
166	153.4	89.4	166.0

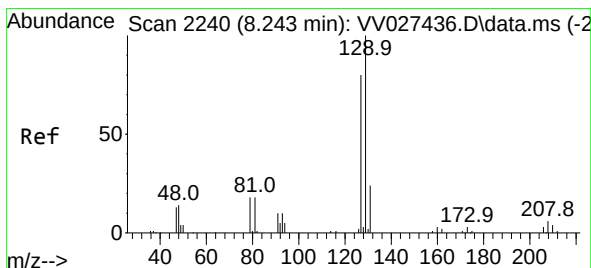
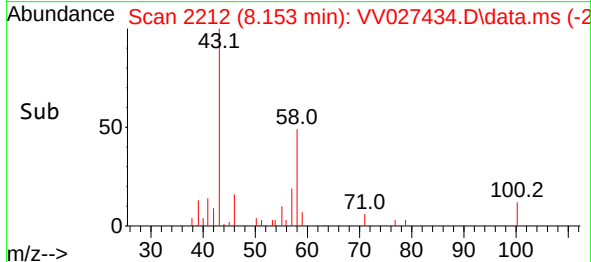
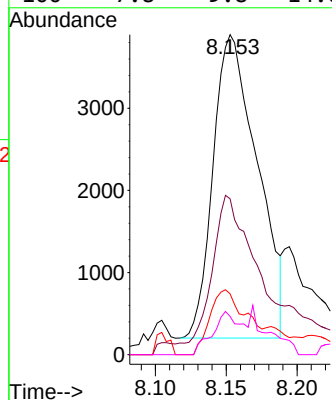
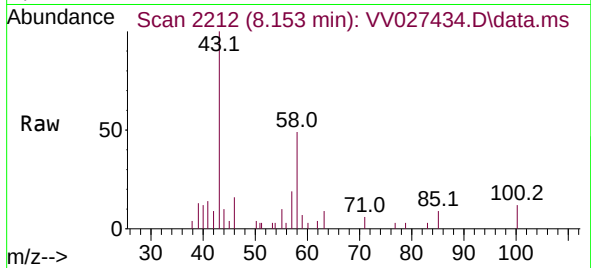




#48
2-Hexanone
Concen: 2.183 ug/L
RT: 8.153 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

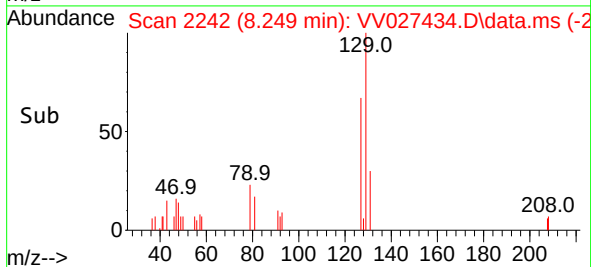
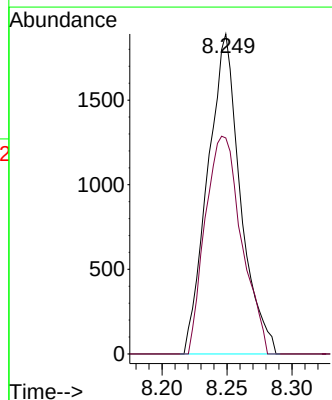
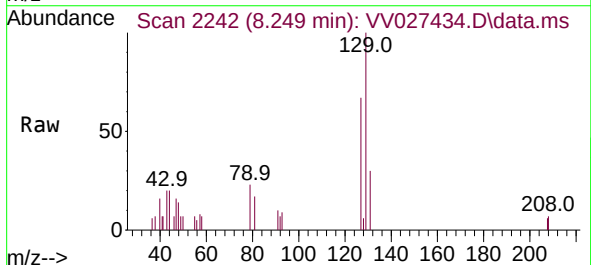
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

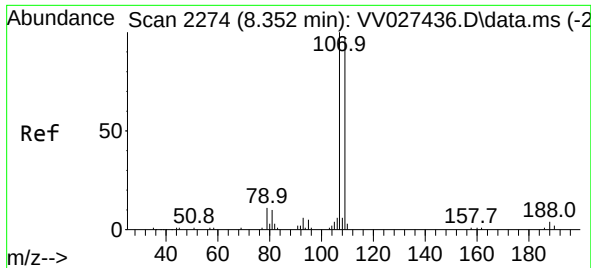
Tgt Ion: 43	Resp: 8017
Ion Ratio	Lower Upper
43	100
58	68.2 41.3 61.9#
57	17.9 14.9 22.3
100	7.8 9.8 14.6#



#49
Dibromochloromethane
Concen: 0.392 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 129	Resp: 3303
Ion Ratio	Lower Upper
129	100
127	67.5 55.9 103.7

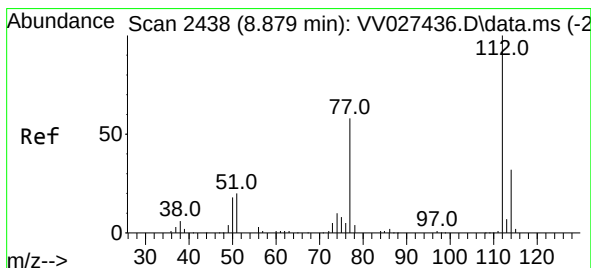
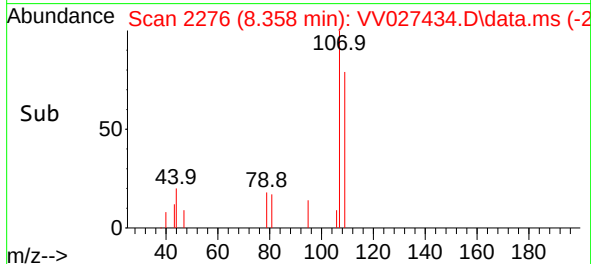
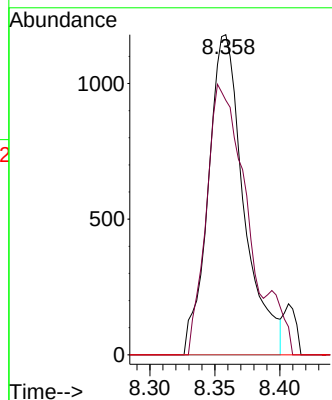
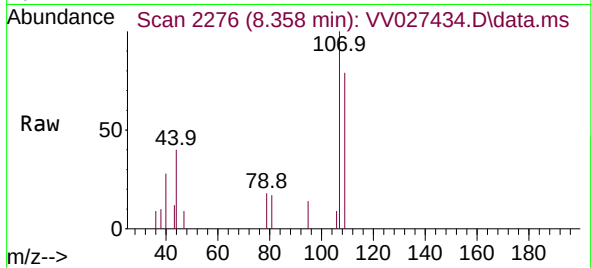




#50
1,2-Dibromoethane
Concen: 0.357 ug/L
RT: 8.358 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

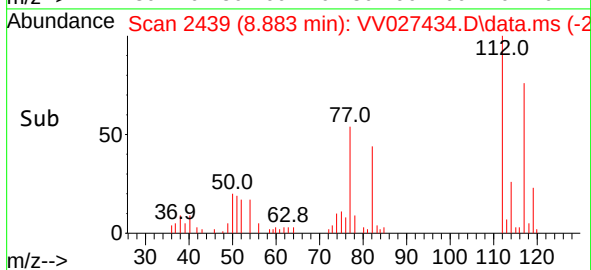
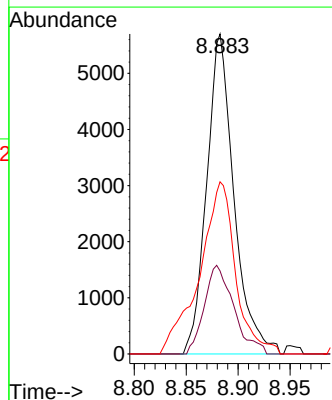
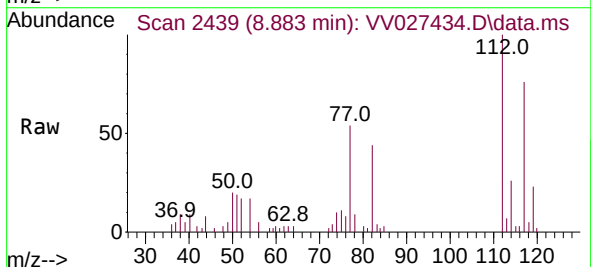
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

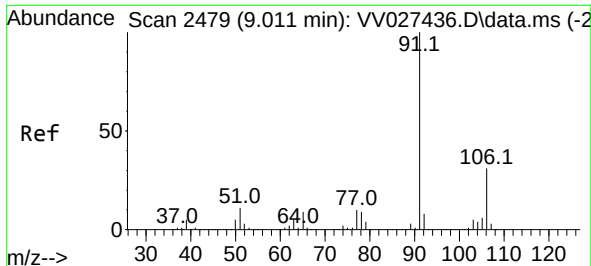
Tgt Ion:107 Resp: 2248
Ion Ratio Lower Upper
107 100
109 79.5 67.8 125.8
188 0.0 3.5 5.3#



#51
Chlorobenzene
Concen: 0.392 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion:112 Resp: 10412
Ion Ratio Lower Upper
112 100
114 26.0 22.7 42.1
77 53.8 46.2 69.4





#52

Ethylbenzene

Concen: 0.343 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

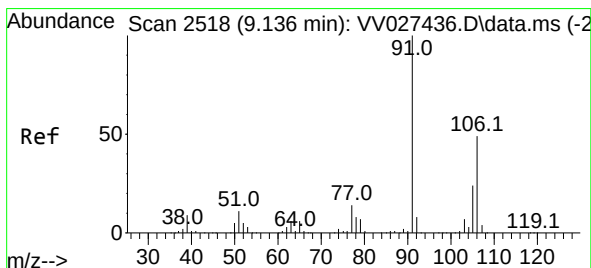
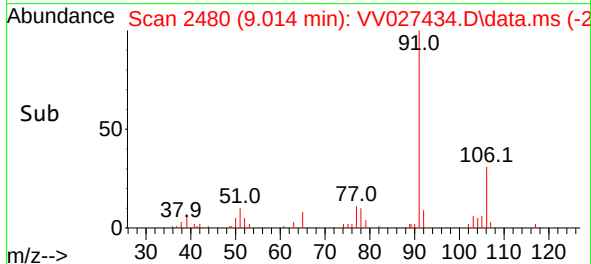
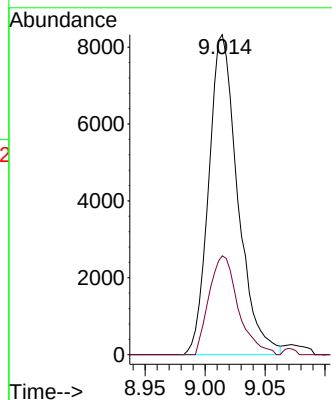
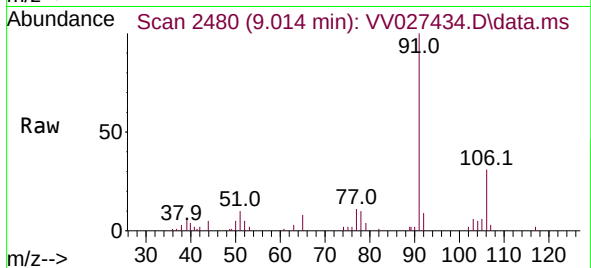
VSTD0.5213

Tgt Ion: 91 Resp: 13986

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 0.331 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027434.D

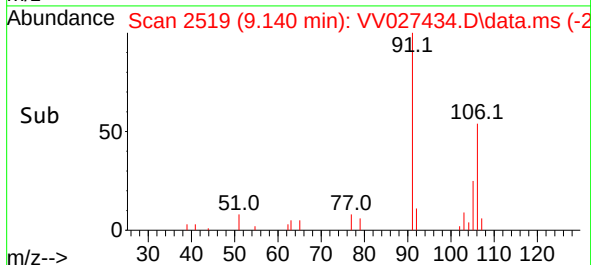
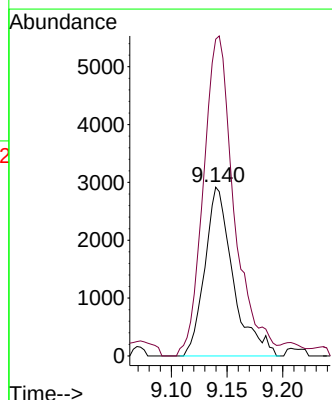
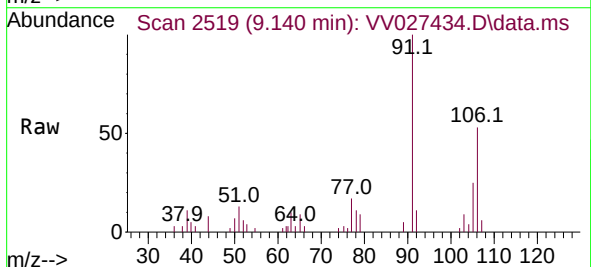
Acq: 19 Aug 2022 09:50

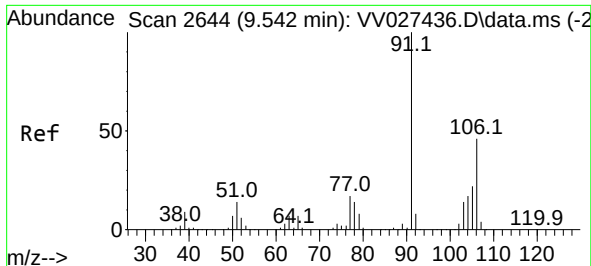
Tgt Ion: 106 Resp: 5149

Ion Ratio Lower Upper

106 100

91 187.7 143.8 267.0

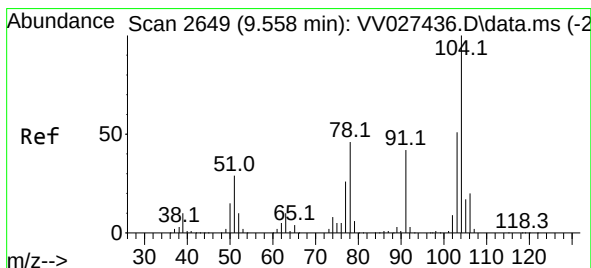
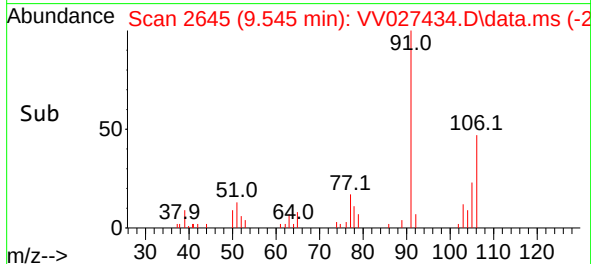
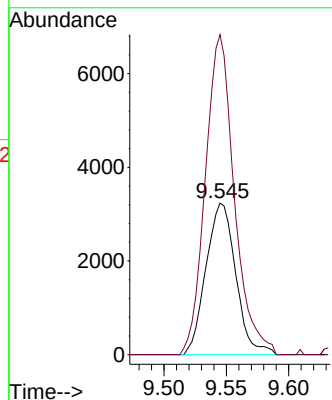
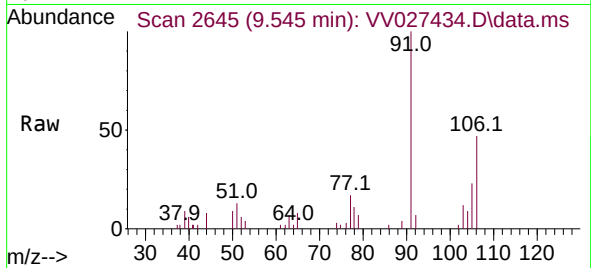




#54
o-Xylene
Concen: 0.352 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

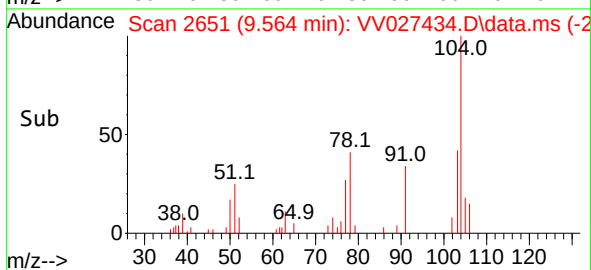
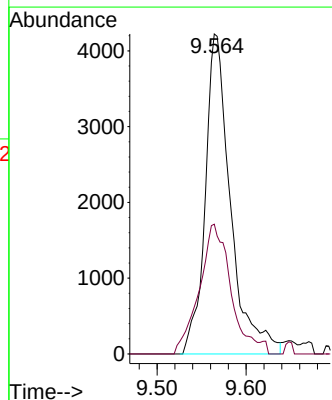
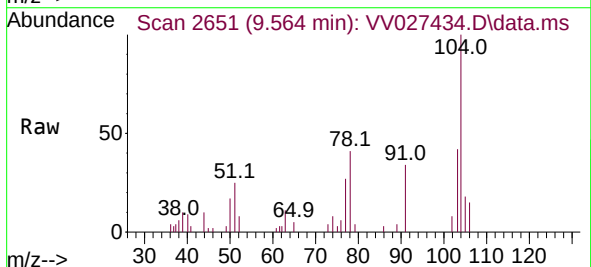
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

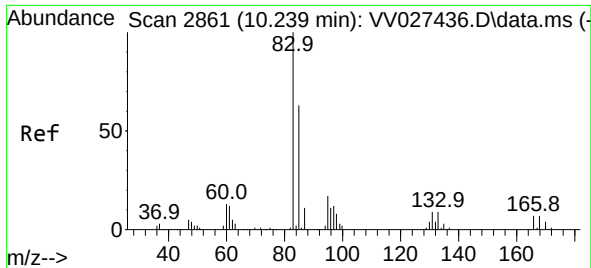
Tgt Ion:106 Resp: 5380
Ion Ratio Lower Upper
106 100
91 211.2 151.6 281.6



#55
Styrene
Concen: 0.319 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.007 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion:104 Resp: 8332
Ion Ratio Lower Upper
104 100
78 40.5 32.0 59.4

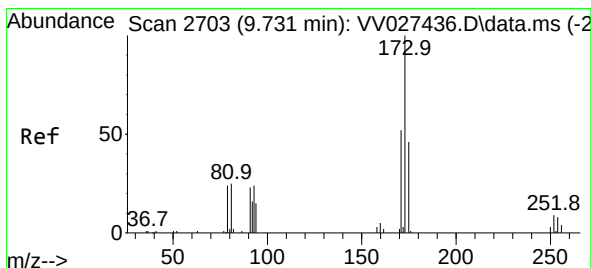
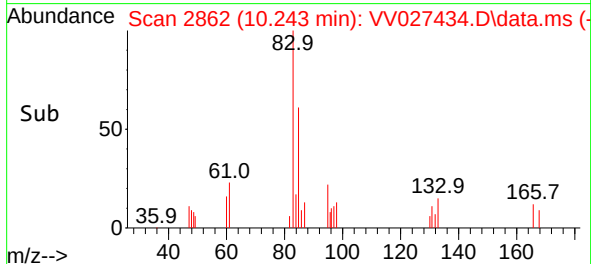
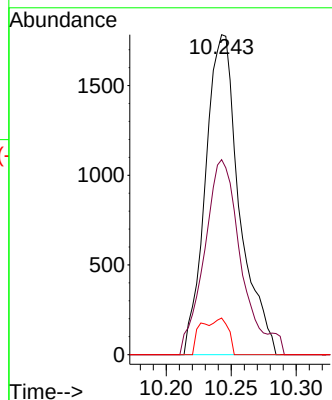
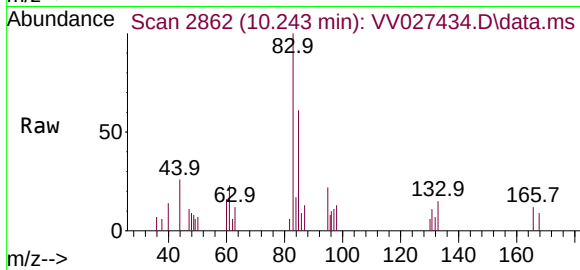




#57
1,1,2,2-Tetrachloroethane
Concen: 0.408 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

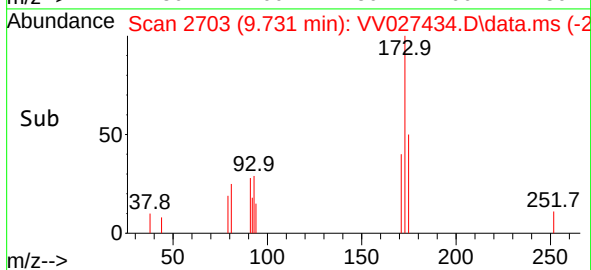
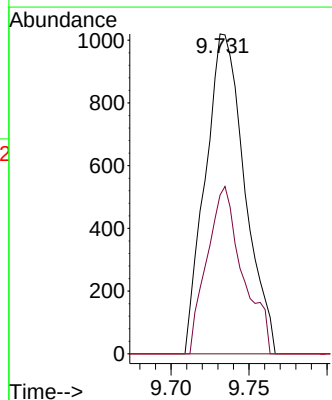
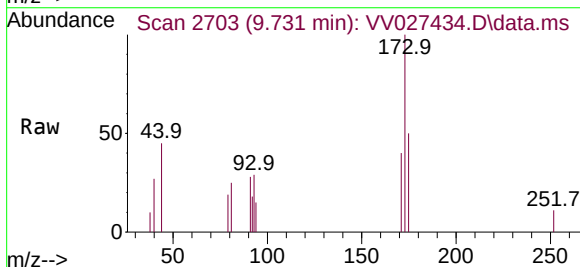
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

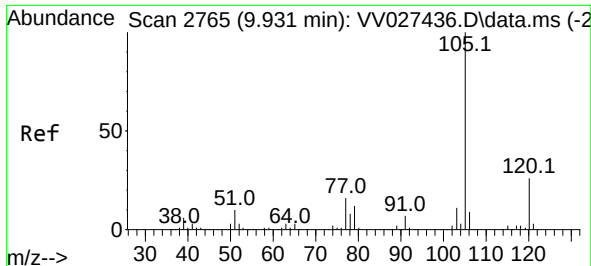
Tgt Ion: 83 Resp: 3241
Ion Ratio Lower Upper
83 100
85 60.9 44.1 81.9
131 11.4 7.3 10.9#



#59
Bromoform
Concen: 0.472 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 173 Resp: 1790
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.6
254 0.0 7.1 10.7#

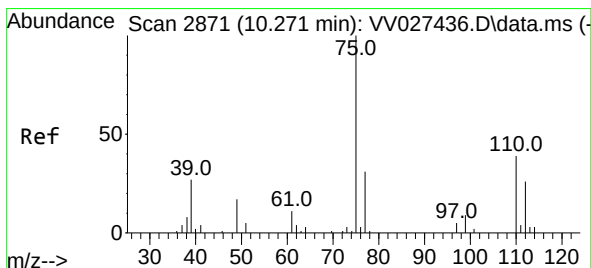
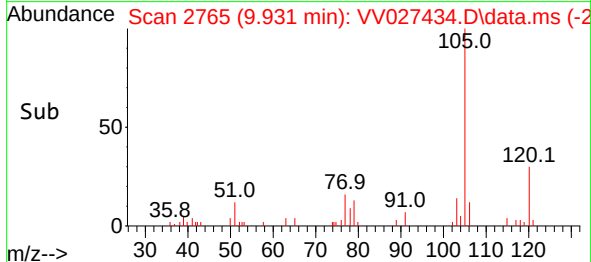
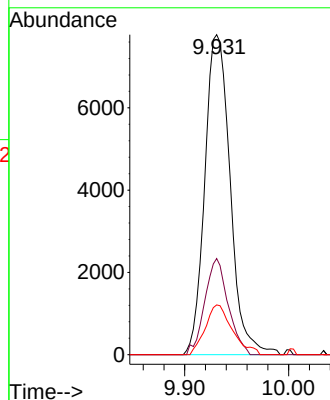
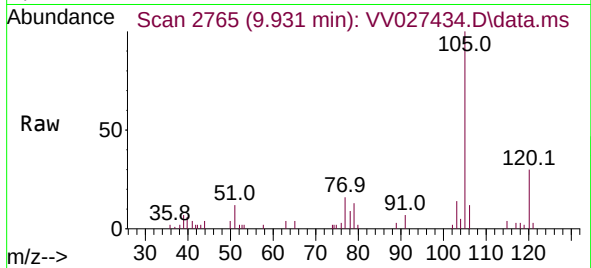




#60
Isopropylbenzene
Concen: 0.370 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

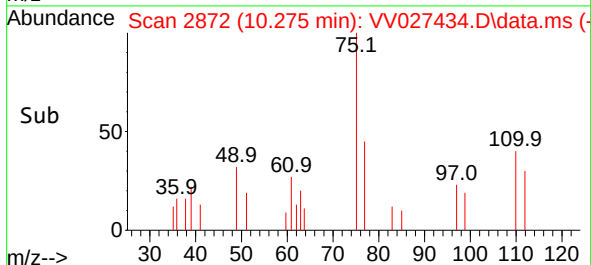
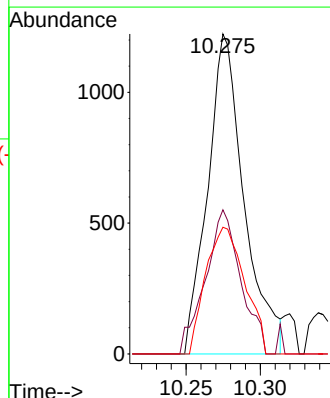
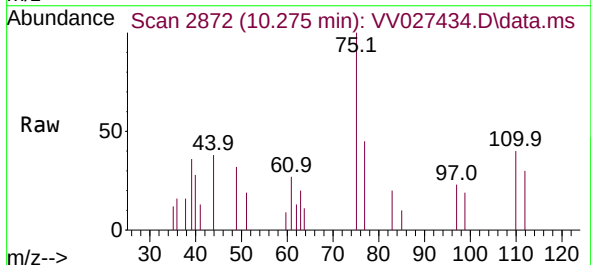
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

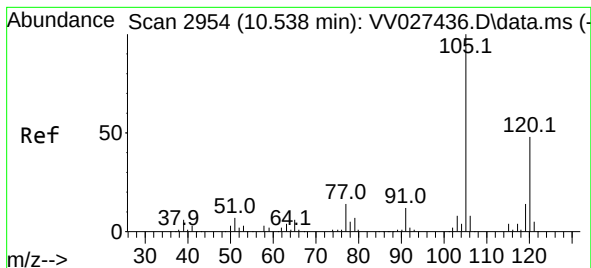
Tgt Ion:105 Resp: 13222
Ion Ratio Lower Upper
105 100
120 27.6 20.9 31.3
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.388 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
77 43.7 26.2 39.2#
110 42.4 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 0.419 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

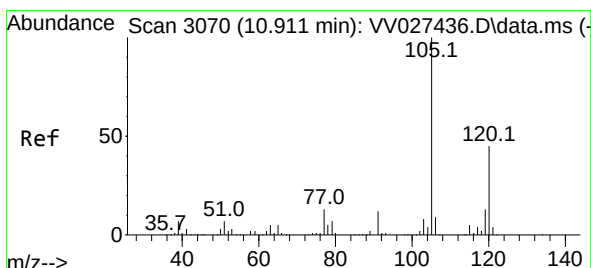
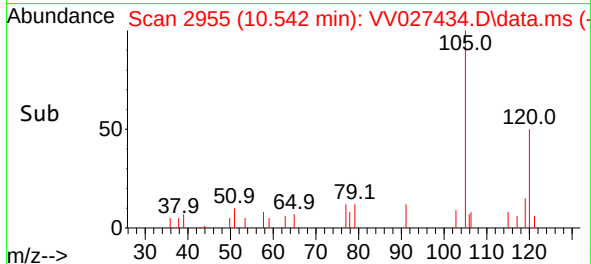
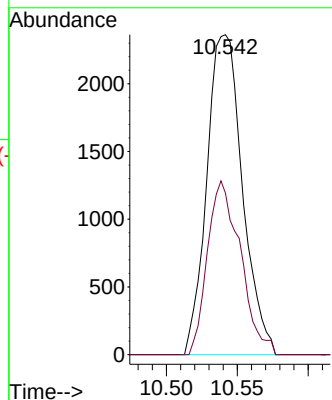
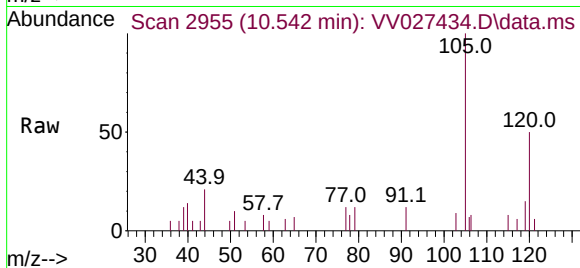
VSTD0.5213

Tgt Ion:105 Resp: 4131

Ion Ratio Lower Upper

105 100

120 50.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.351 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027434.D

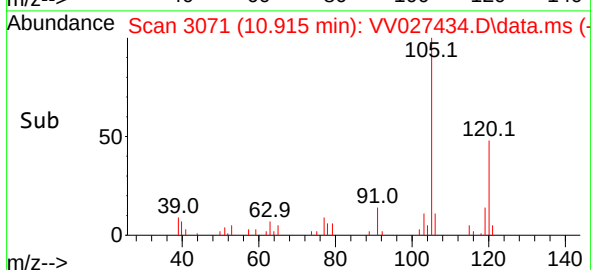
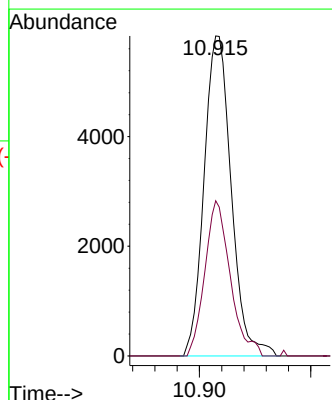
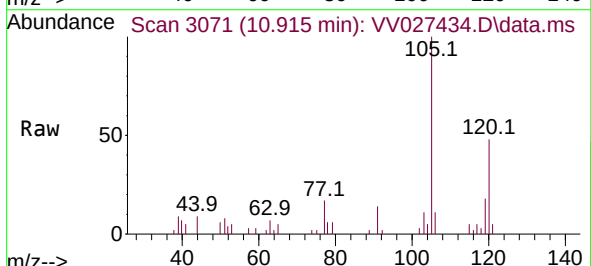
Acq: 19 Aug 2022 09:50

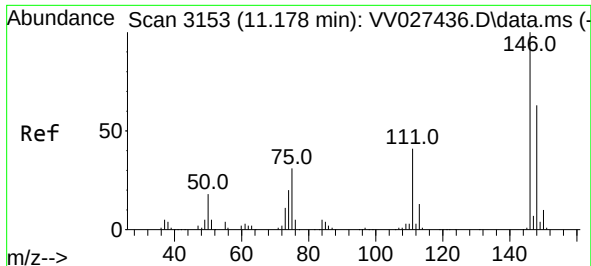
Tgt Ion:105 Resp: 9878

Ion Ratio Lower Upper

105 100

120 45.4 35.8 53.6

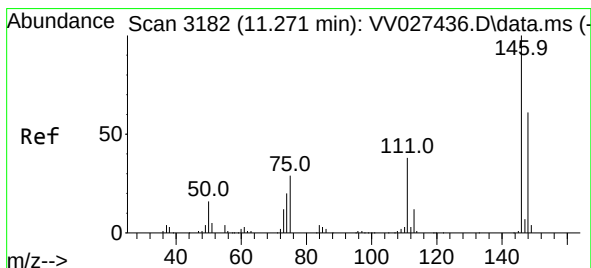
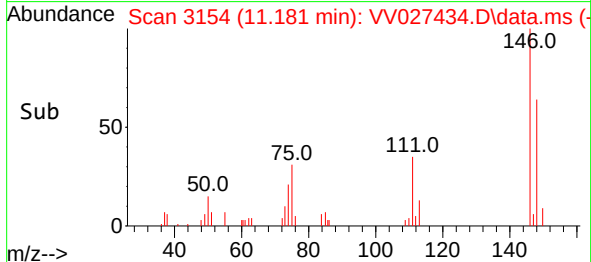
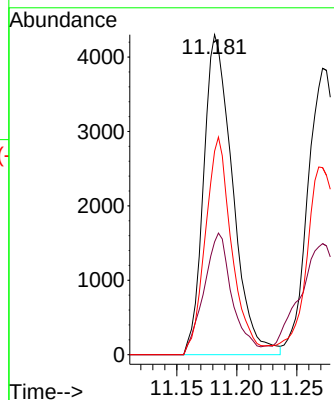
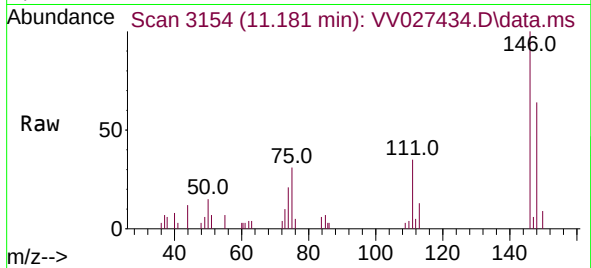




#64
1,3-Dichlorobenzene
Concen: 0.403 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

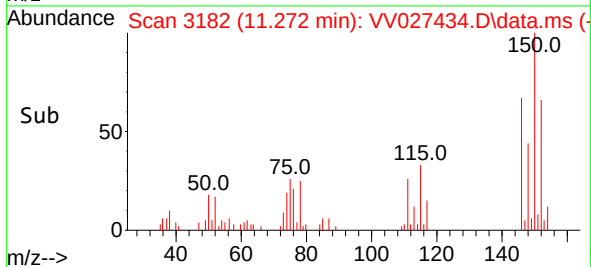
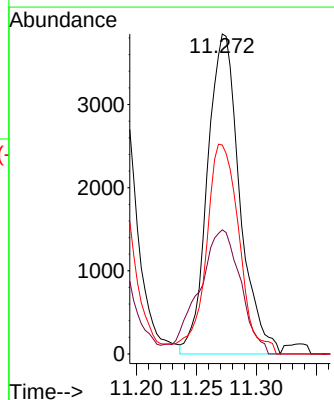
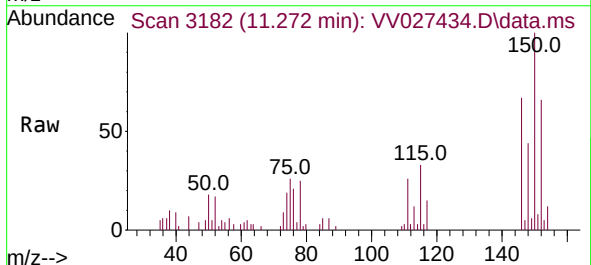
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5213

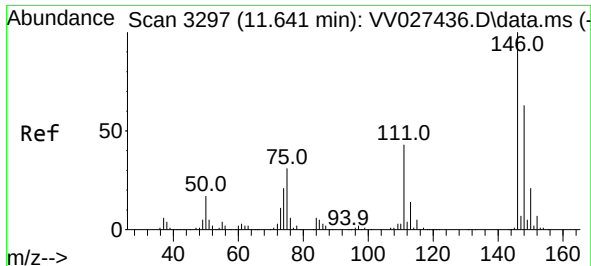
Tgt Ion:146 Resp: 7224
Ion Ratio Lower Upper
146 100
111 35.3 28.8 53.4
148 63.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 0.403 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027434.D
Acq: 19 Aug 2022 09:50

Tgt Ion:146 Resp: 7189
Ion Ratio Lower Upper
146 100
111 38.8 26.6 49.4
148 65.3 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 0.399 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5213

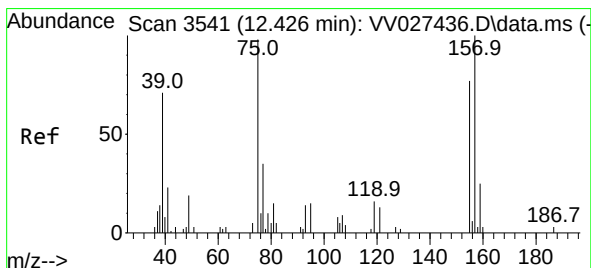
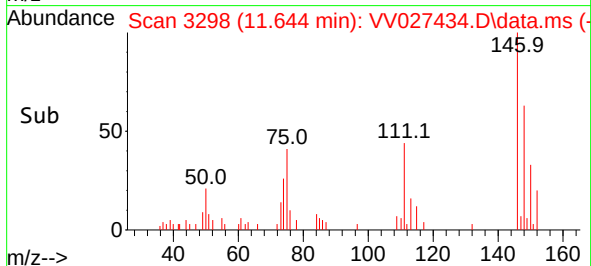
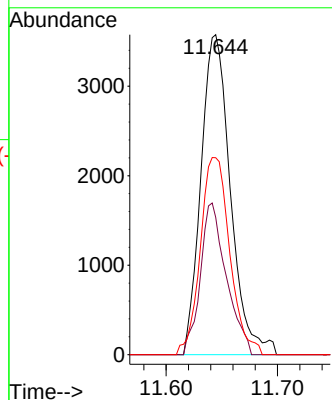
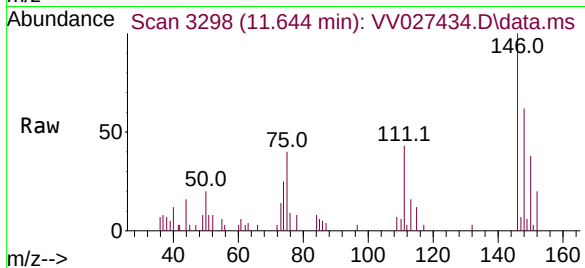
Tgt Ion:146 Resp: 6577

Ion Ratio Lower Upper

146 100

111 42.9 34.5 51.7

148 61.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.496 ug/L

RT: 12.439 min Scan# 3545

Delta R.T. 0.013 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

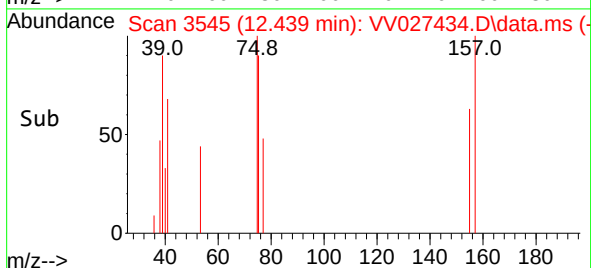
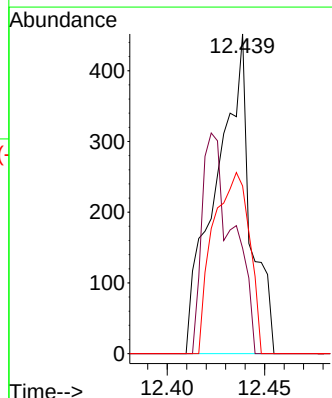
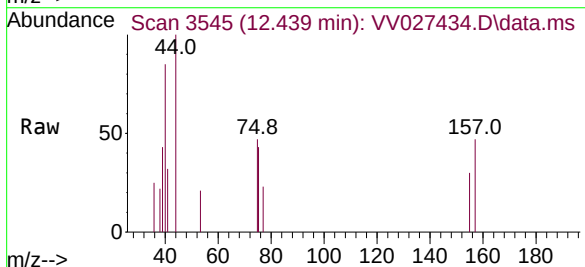
Tgt Ion: 75 Resp: 552

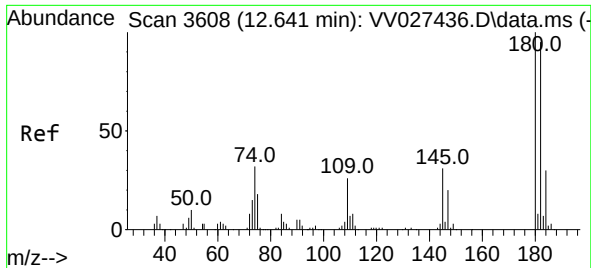
Ion Ratio Lower Upper

75 100

155 33.0 63.1 94.7#

157 52.4 81.8 122.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.418 ug/L

RT: 12.644 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5213

Tgt Ion:180 Resp: 5402

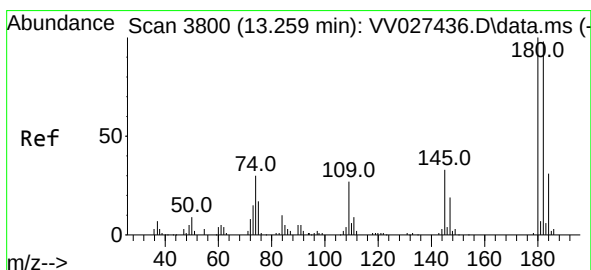
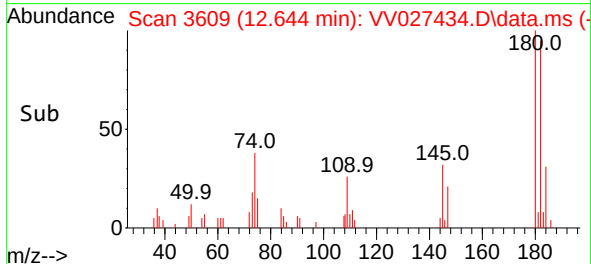
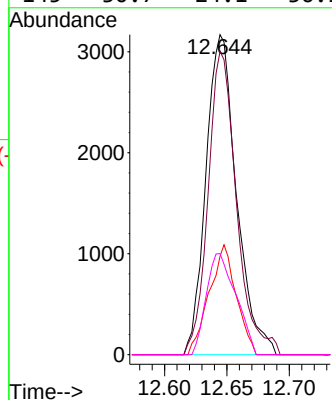
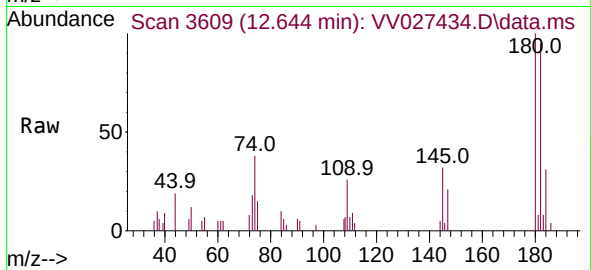
Ion Ratio Lower Upper

180 100

182 88.3 74.1 111.1

184 30.4 23.2 34.8

145 30.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.388 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.007 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

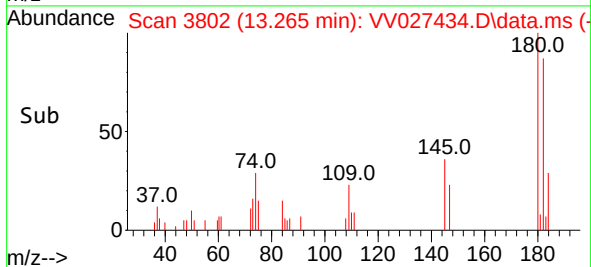
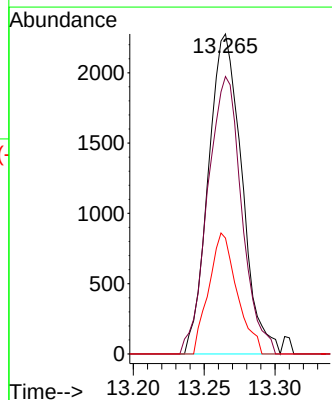
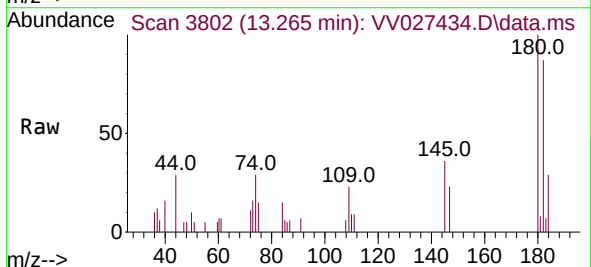
Tgt Ion:180 Resp: 3744

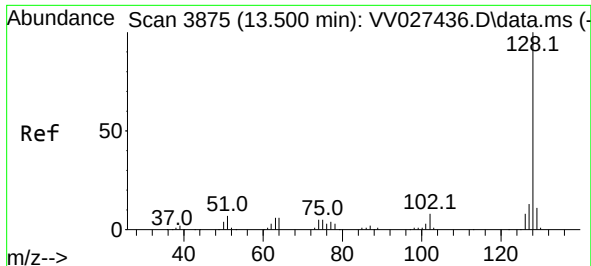
Ion Ratio Lower Upper

180 100

182 88.0 76.0 114.0

145 31.9 24.9 37.3





#71
Naphthalene

Concen: 0.343 ug/L

RT: 13.506 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5213

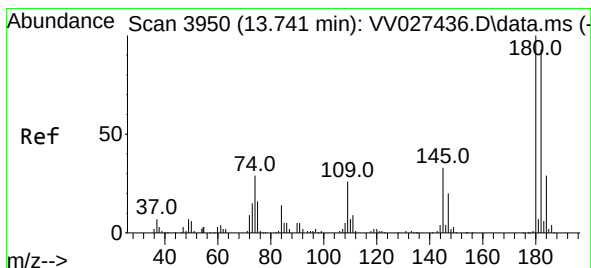
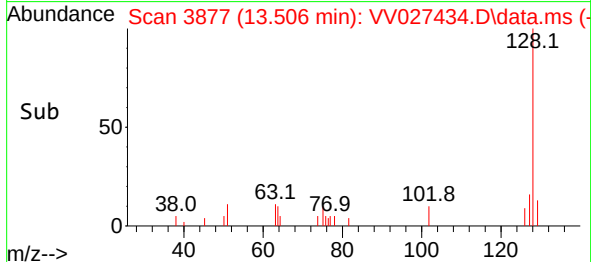
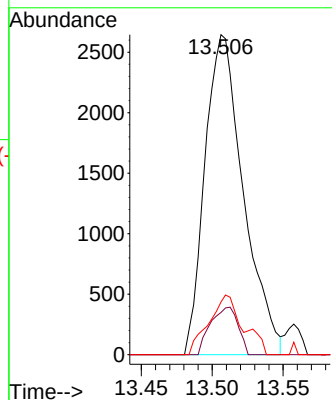
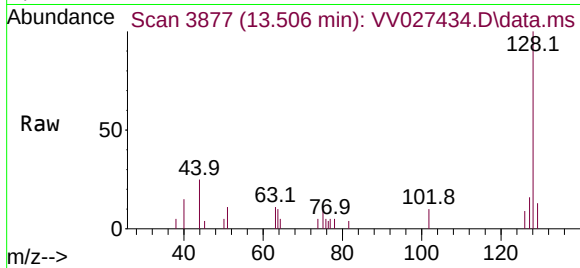
Tgt Ion:128 Resp: 4998

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 16.5 10.4 15.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.328 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV027434.D

Acq: 19 Aug 2022 09:50

Tgt Ion:180 Resp: 2915

Ion Ratio Lower Upper

180 100

182 111.0 75.3 112.9

145 36.0 26.6 39.8

