

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029030.D
 Acq On : 16 Nov 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Nov 17 02:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	273948	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81170	4.860	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	62682	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.108	63	143592	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.892	46	97524	34.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.760%
24) Chloroform-d	4.342	84	172355	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.031	65	74124	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	357928	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.066	67	98591	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	349469	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.619	79	34377	4.957	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	148052	50.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76947	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	124551	5.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115731	5.068	ug/L	98
3) Chloromethane	1.240	50	88815	4.686	ug/L	98
5) Vinyl chloride	1.310	62	101733	4.706	ug/L	95
6) Bromomethane	1.523	94	55437	4.290	ug/L	100
8) Chloroethane	1.584	64	62888	4.950	ug/L	97
9) Trichlorofluoromethane	1.751	101	151896	5.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	86209	5.223	ug/L	94
12) 1,1-Dichloroethene	2.117	96	88955	5.364	ug/L	91
13) Acetone	2.182	43	48764	27.115	ug/L	89
14) Carbon disulfide	2.291	76	277432	4.711	ug/L	99
15) Methyl Acetate	2.436	43	19681	4.509	ug/L	96
16) Methylene chloride	2.503	84	102092	4.761	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	186224	5.238	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	101640	5.284	ug/L	96
19) 1,1-Dichloroethane	3.185	63	164223	5.223	ug/L	98
21) 2-Butanone	3.979	43	102073	36.660	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	107288	5.487	ug/L	94
23) Bromochloromethane	4.243	128	46691	5.646	ug/L	95
25) Chloroform	4.371	83	177854	5.396	ug/L	97

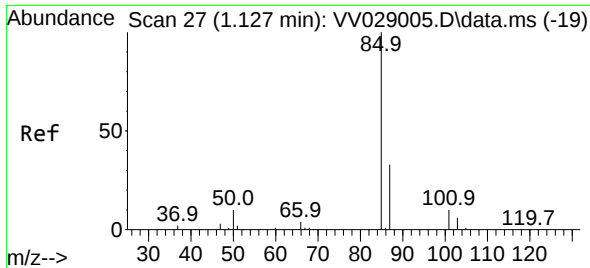
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	92238	5.433	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	153882	5.141	ug/L	98
30) Cyclohexane	4.674	56	148421	4.879	ug/L	97
31) Carbon tetrachloride	4.825	117	133440	5.177	ug/L	99
33) Benzene	5.095	78	403115	5.171	ug/L	100
34) Trichloroethene	5.912	95	101691	5.096	ug/L	95
35) Methylcyclohexane	6.127	83	171585	4.892	ug/L	98
37) 1,2-Dichloropropane	6.169	63	89283	4.967	ug/L	99
38) Bromodichloromethane	6.506	83	113192	4.972	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	121884	4.857	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	410723	53.106	ug/L	95
42) Toluene	7.381	91	446365	5.300	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	96689	4.963	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	67321	5.721	ug/L	94
47) Tetrachloroethene	7.969	164	90302	5.651	ug/L	97
48) 2-Hexanone	8.136	43	295304	54.509	ug/L	98
49) Dibromochloromethane	8.239	129	75992	5.341	ug/L	99
50) 1,2-Dibromoethane	8.345	107	62226	5.692	ug/L #	98
51) Chlorobenzene	8.876	112	287178	5.515	ug/L	99
52) Ethylbenzene	9.005	91	472129	5.385	ug/L	99
53) m,p-Xylene	9.133	106	190855	5.474	ug/L	95
54) o-Xylene	9.535	106	186403	5.624	ug/L	99
55) Styrene	9.554	104	311765	5.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	78434	5.719	ug/L	98
59) Bromoform	9.725	173	39502	5.547	ug/L	99
60) Isopropylbenzene	9.924	105	488766	5.764	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	53945	6.043	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	408857	5.692	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	392753	5.458	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	220502	5.535	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	218459	5.454	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	203073	5.673	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	8012	4.561	ug/L	84
69) 1,3,5-Trichlorobenzene	12.635	180	166517	5.418	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	124332	5.348	ug/L	98
71) Naphthalene	13.493	128	143939	4.798	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	108429	5.507	ug/L	99

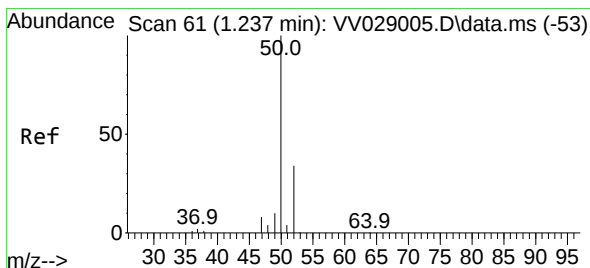
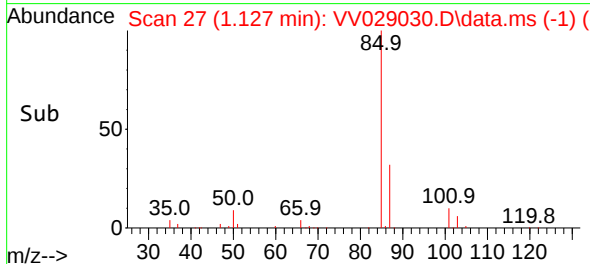
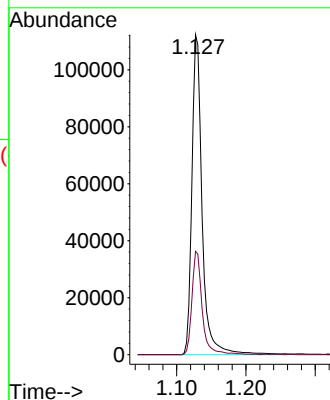
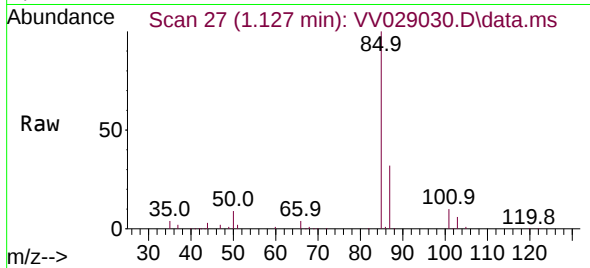
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.068 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

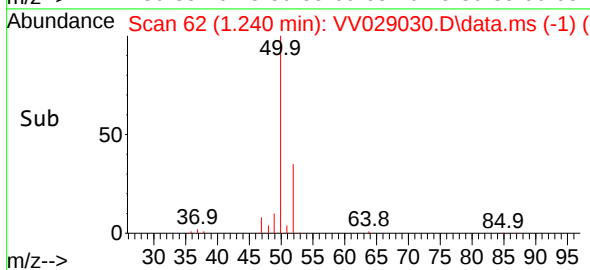
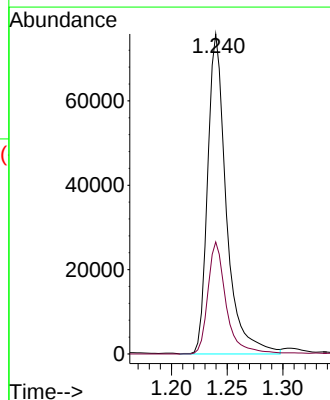
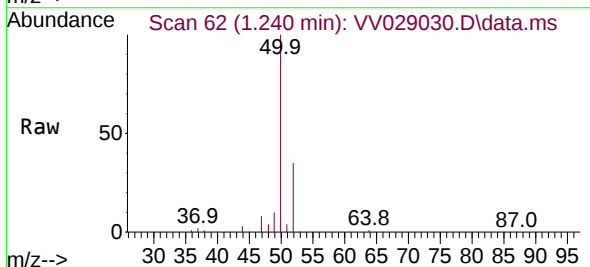
Instrument :
 MSVOA_V
 ClientSampleId :
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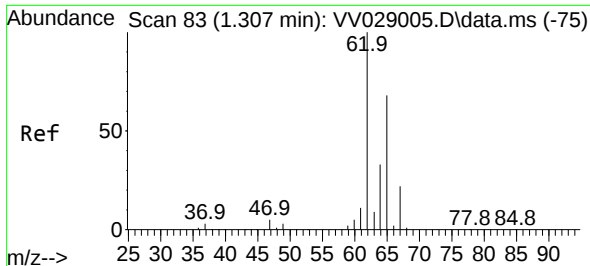
Tgt Ion: 85 Resp: 115731
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.686 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion: 50 Resp: 88815
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.7 43.9

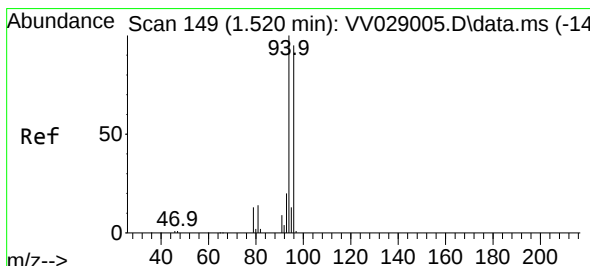
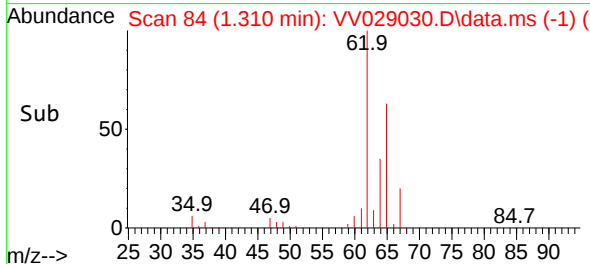
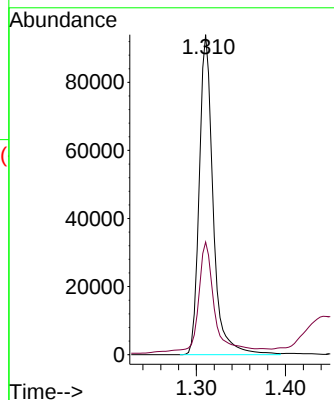
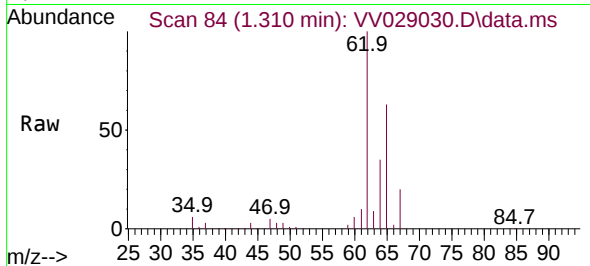




#5
 Vinyl chloride
 Concen: 4.706 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

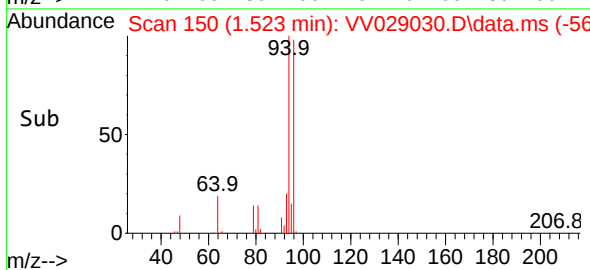
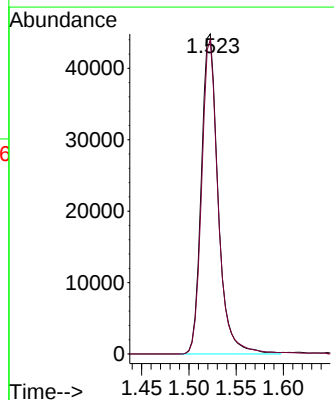
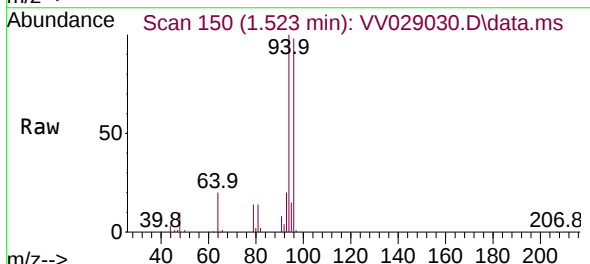
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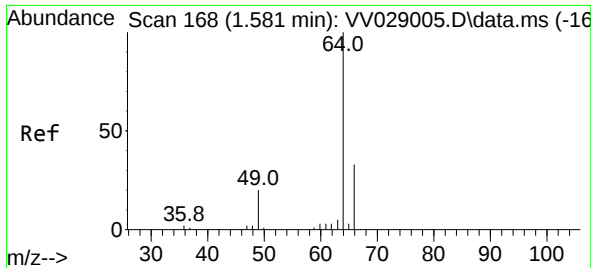
Tgt Ion: 62 Resp: 101733
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.290 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion: 94 Resp: 55437
 Ion Ratio Lower Upper
 94 100
 96 98.1 68.5 127.3

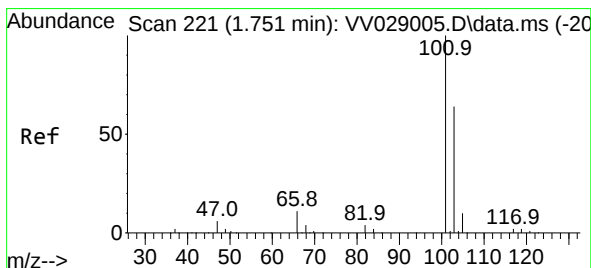
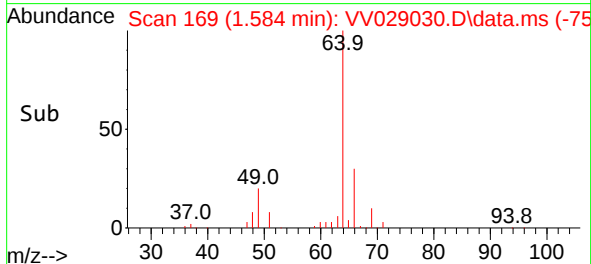
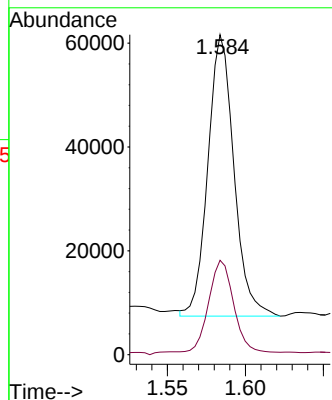
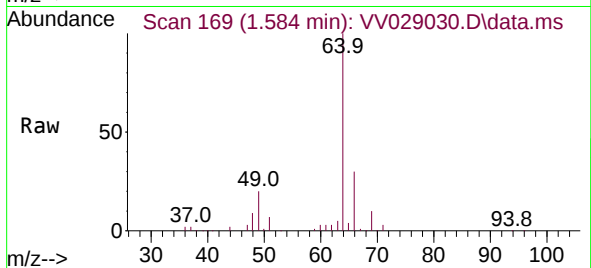




#8
Chloroethane
Concen: 4.950 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

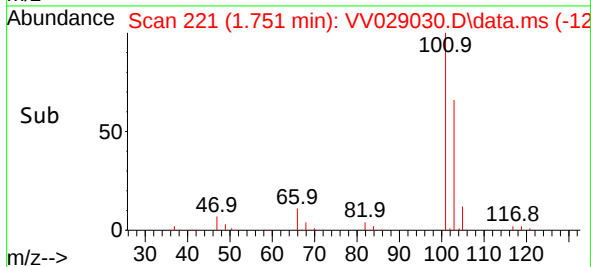
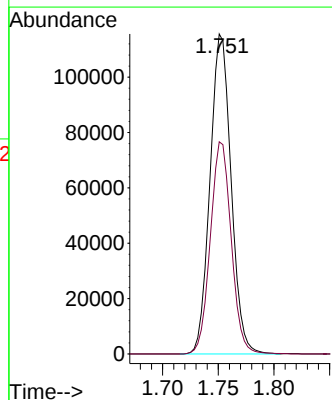
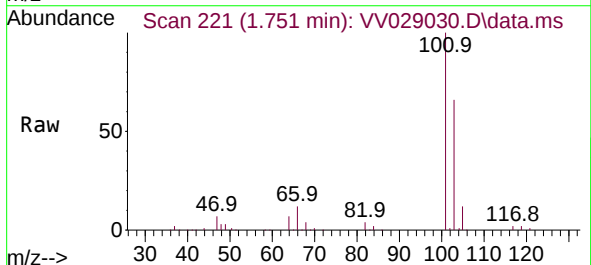
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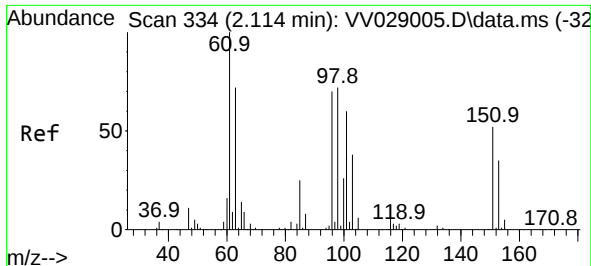
Tgt Ion: 64 Resp: 62888
Ion Ratio Lower Upper
64 100
66 29.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.211 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 101 Resp: 151896
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9

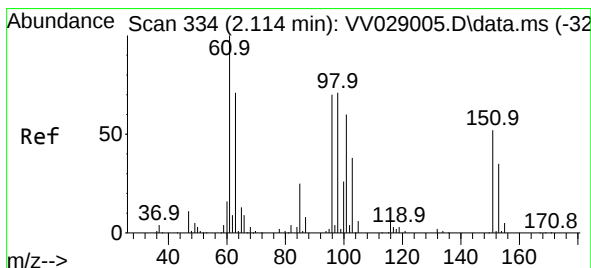
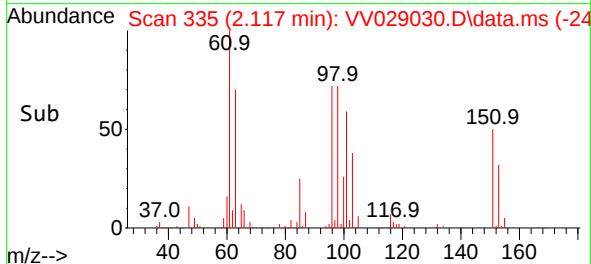
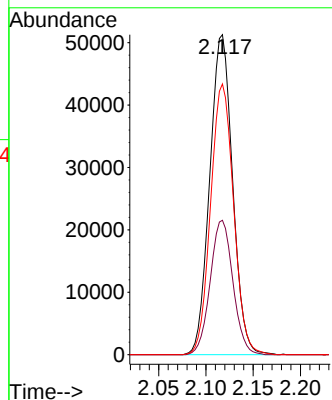
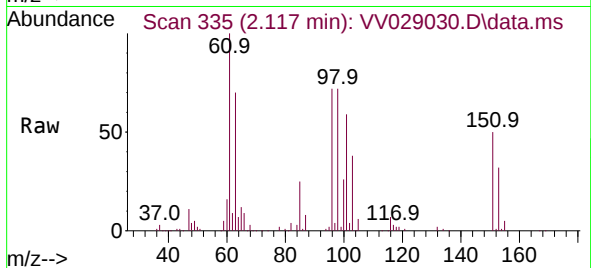




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.223 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

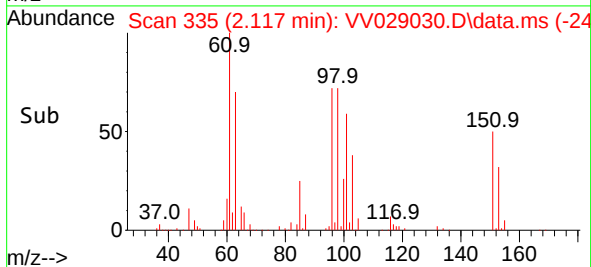
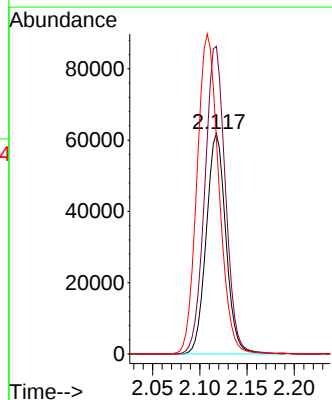
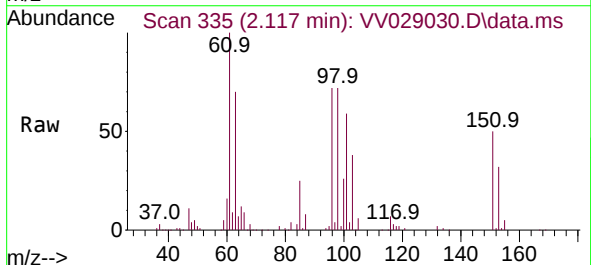
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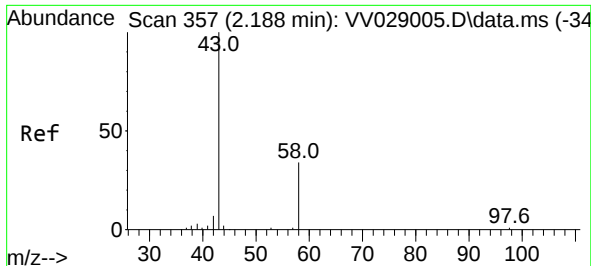
Tgt Ion:101 Resp: 86209
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.9 49.3
 151 85.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.364 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion: 96 Resp: 88955
 Ion Ratio Lower Upper
 96 100
 61 139.5 104.2 193.4
 63 97.7 75.9 140.9





#13

Acetone

Concen: 27.115 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

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MSVOA_V

ClientSampleId :

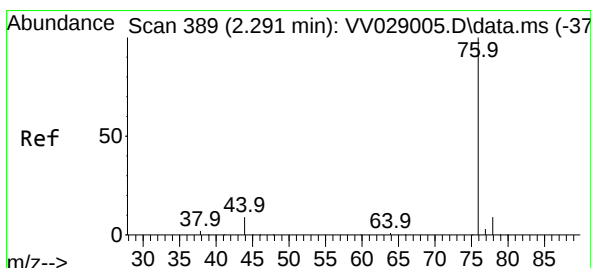
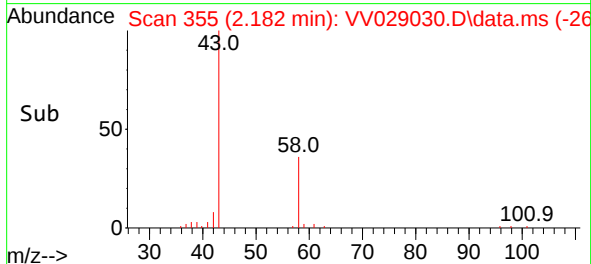
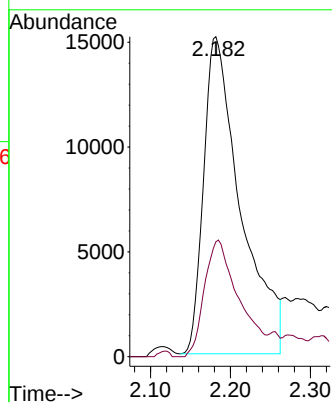
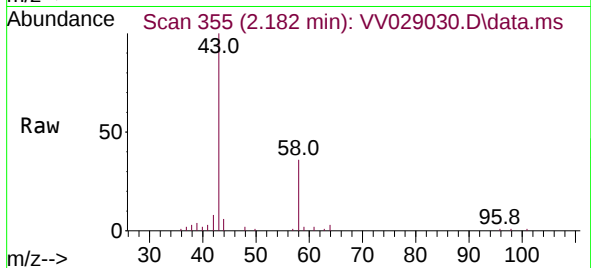
VSTD005350

Tgt Ion: 43 Resp: 48764

Ion Ratio Lower Upper

43 100

58 34.4 0.0 56.6



#14

Carbon disulfide

Concen: 4.711 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029030.D

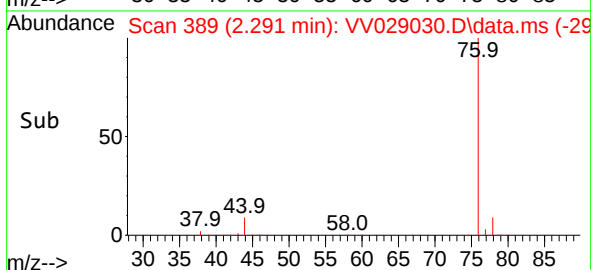
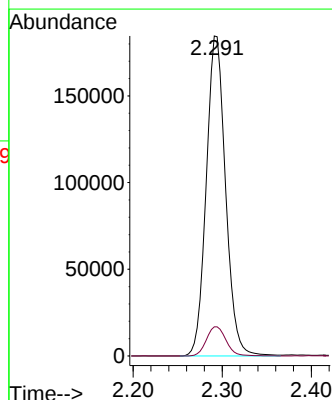
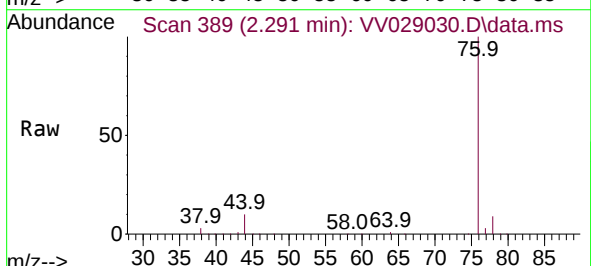
Acq: 16 Nov 2022 20:31

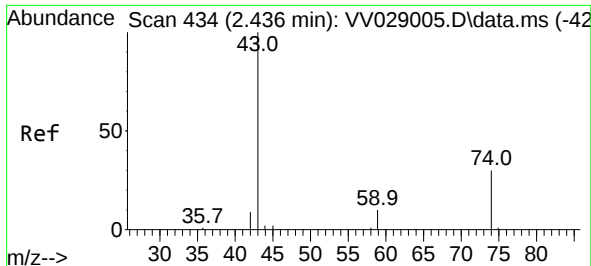
Tgt Ion: 76 Resp: 277432

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

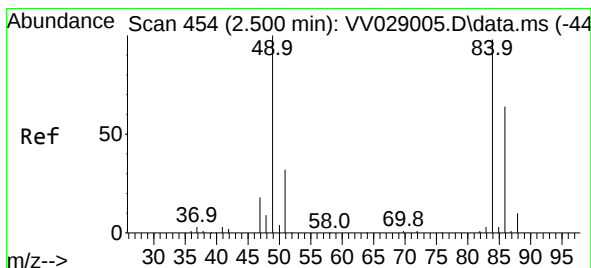
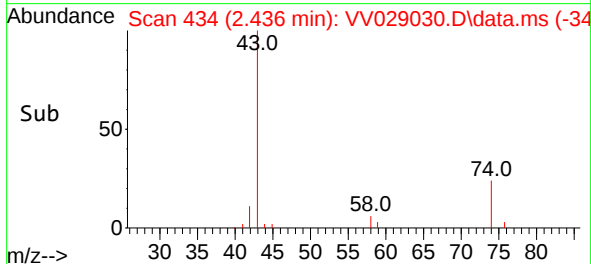
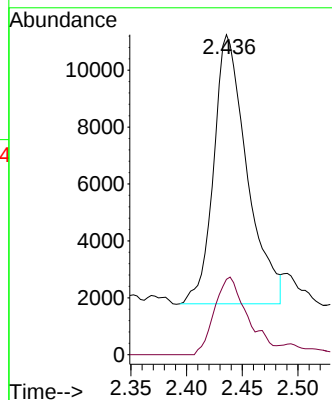
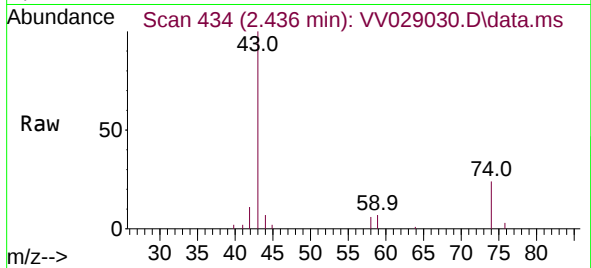




#15
Methyl Acetate
Concen: 4.509 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

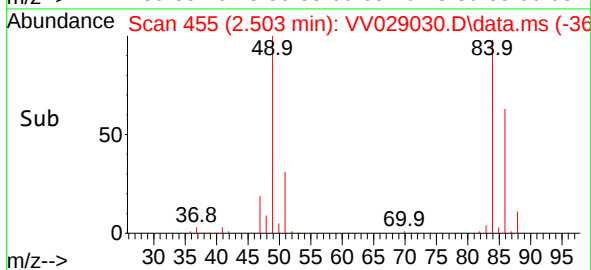
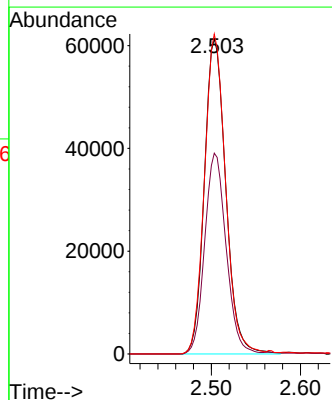
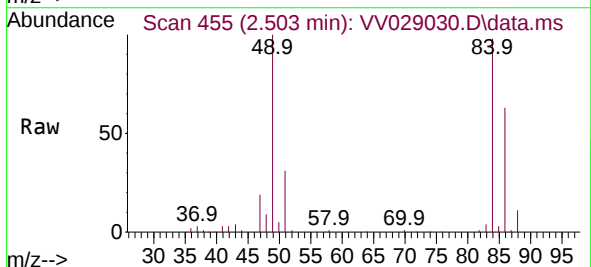
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

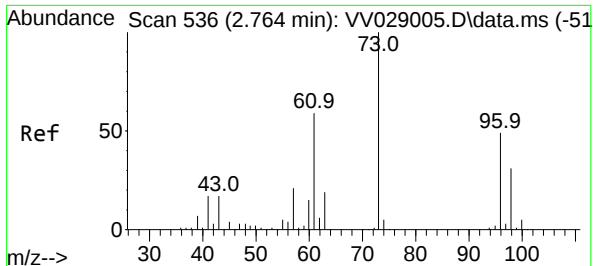
Tgt Ion: 43 Resp: 19681
Ion Ratio Lower Upper
43 100
74 28.9 24.6 37.0



#16
Methylene chloride
Concen: 4.761 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 84 Resp: 102092
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.0
49 101.6 75.5 140.1

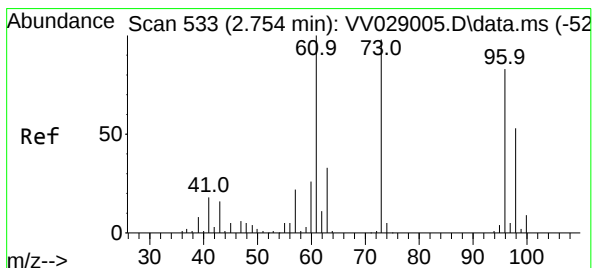
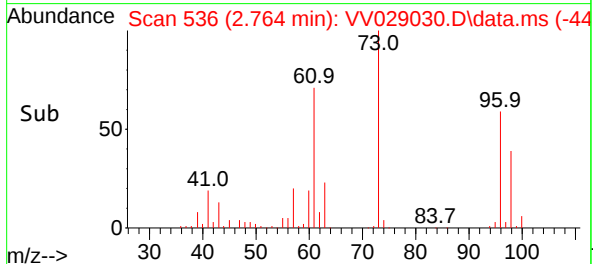
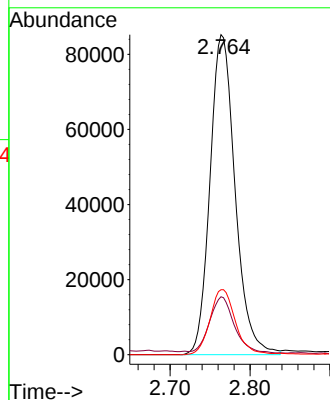
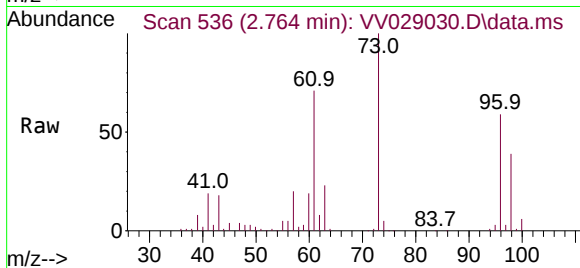




#17
Methyl tert-butyl Ether
Concen: 5.238 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

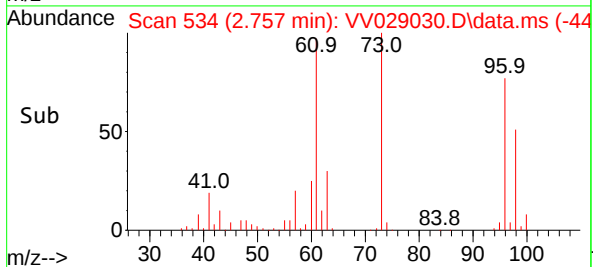
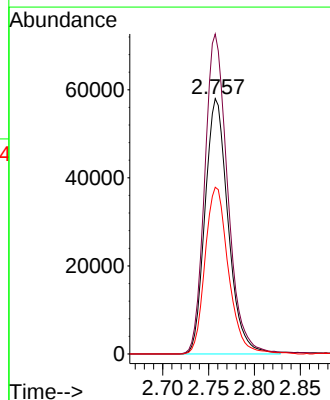
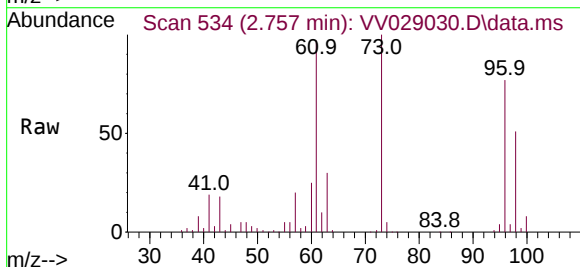
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

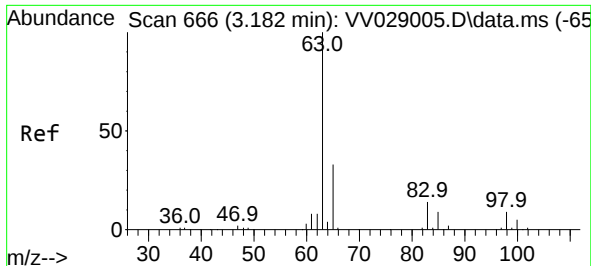
Tgt Ion: 73 Resp: 186224
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 20.5 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.284 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 96 Resp: 101640
Ion Ratio Lower Upper
96 100
61 125.3 91.8 170.6
98 65.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.223 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

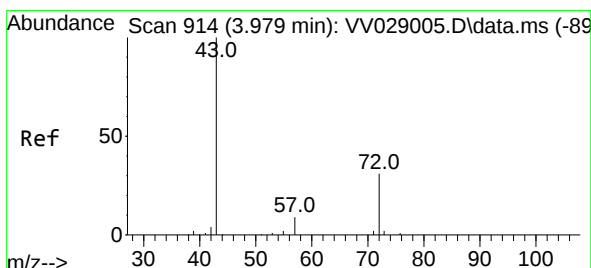
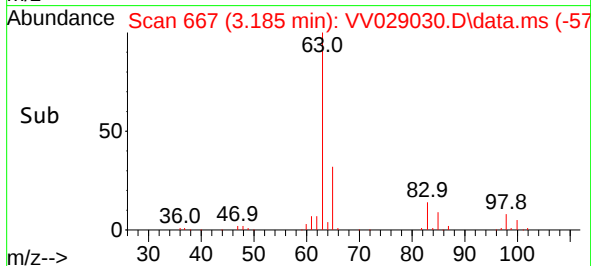
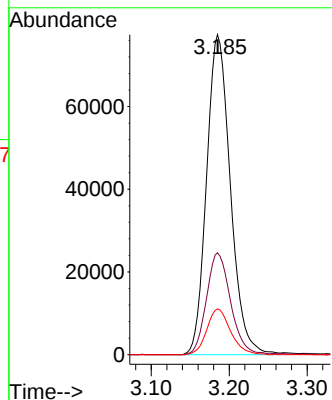
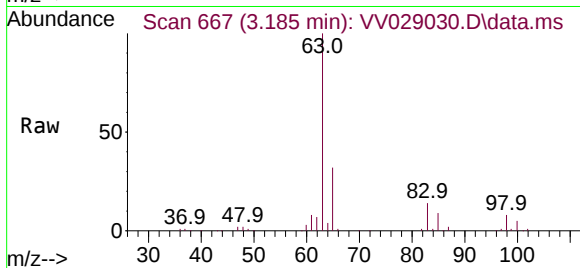
Tgt Ion: 63 Resp: 164223

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.6

83 14.3 9.4 17.6



#21

2-Butanone

Concen: 36.660 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV029030.D

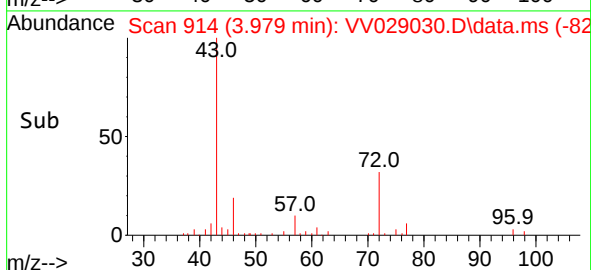
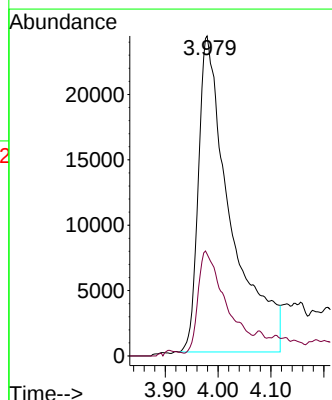
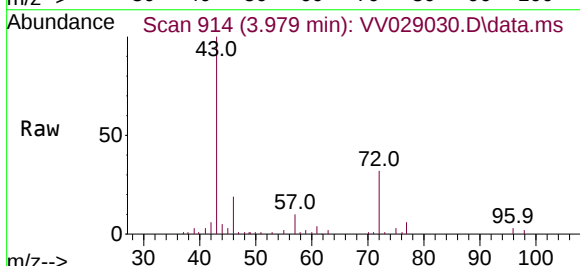
Acq: 16 Nov 2022 20:31

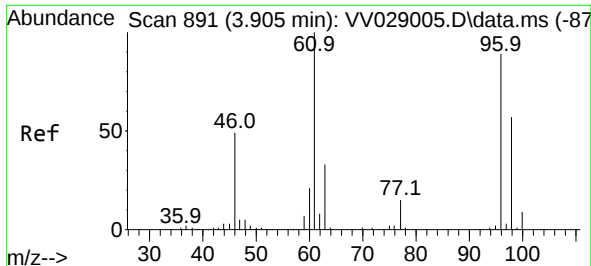
Tgt Ion: 43 Resp: 102073

Ion Ratio Lower Upper

43 100

72 27.9 11.9 35.9

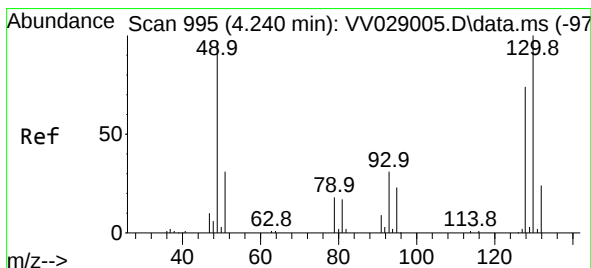
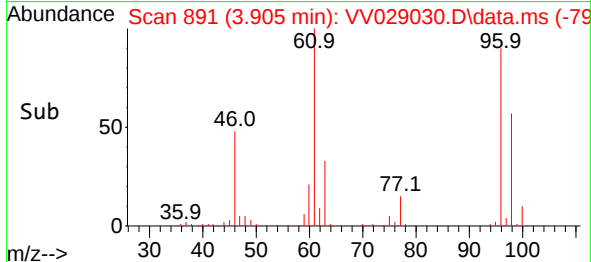
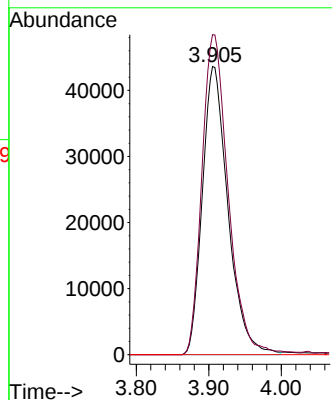
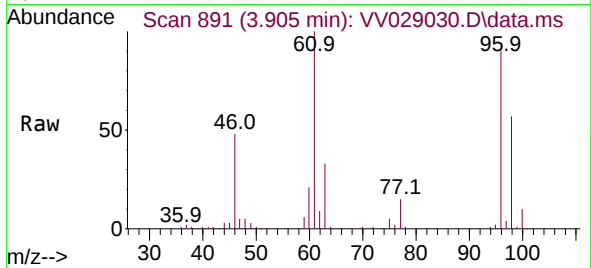




#22
 cis-1,2-Dichloroethene
 Concen: 5.487 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

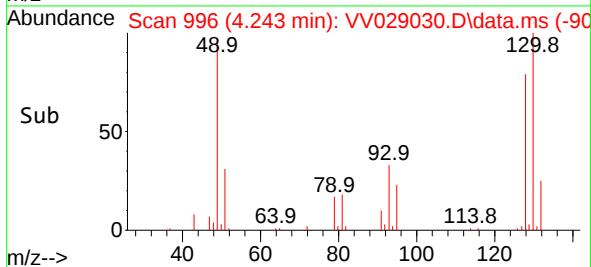
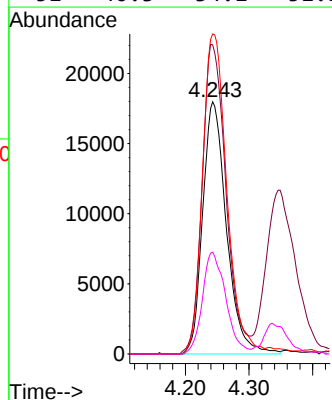
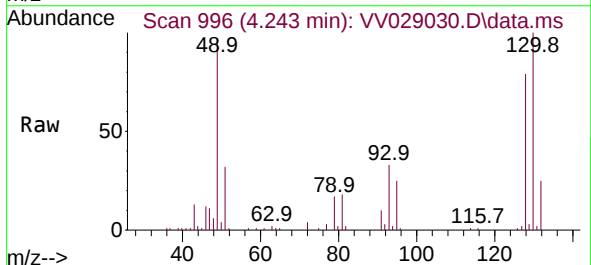
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

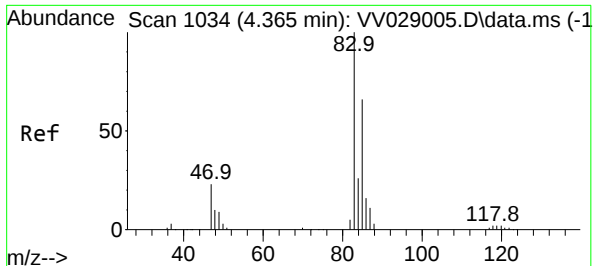
Tgt Ion: 96 Resp: 107288
 Ion Ratio Lower Upper
 96 100
 61 111.1 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.646 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion: 128 Resp: 46691
 Ion Ratio Lower Upper
 128 100
 49 122.6 89.5 166.1
 130 126.9 84.4 156.8
 51 40.3 34.1 51.1





#25

Chloroform

Concen: 5.396 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

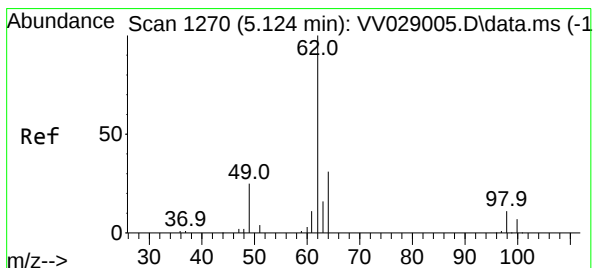
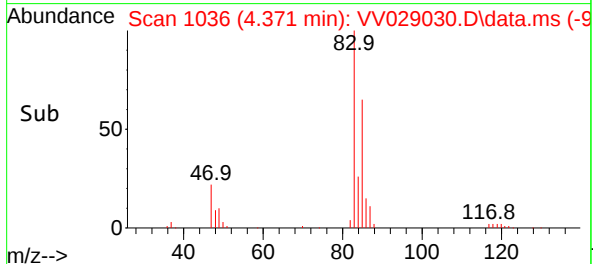
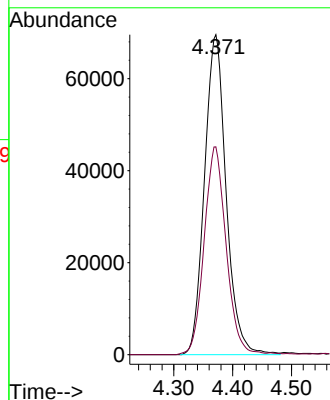
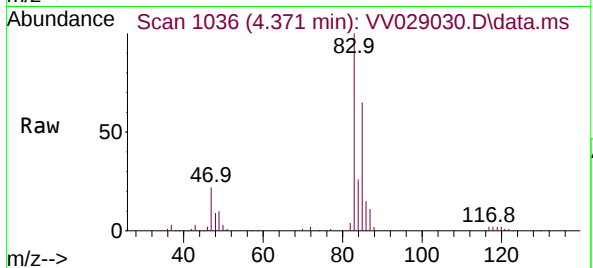
VSTD005350

Tgt Ion: 83 Resp: 177854

Ion Ratio Lower Upper

83 100

85 64.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.433 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV029030.D

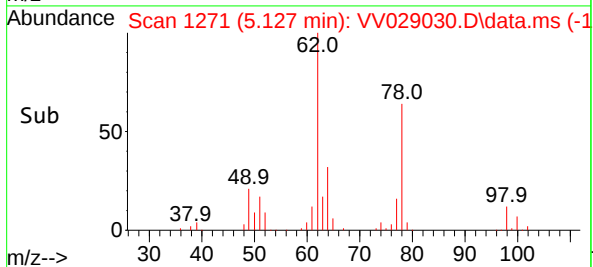
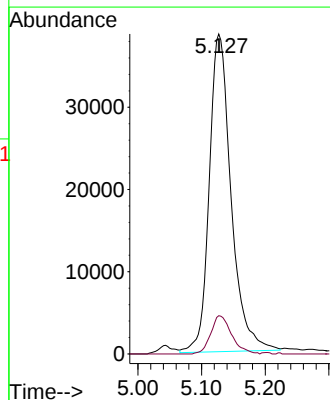
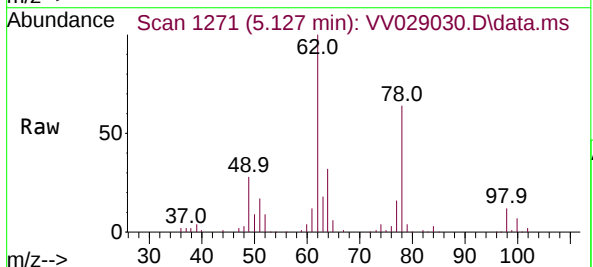
Acq: 16 Nov 2022 20:31

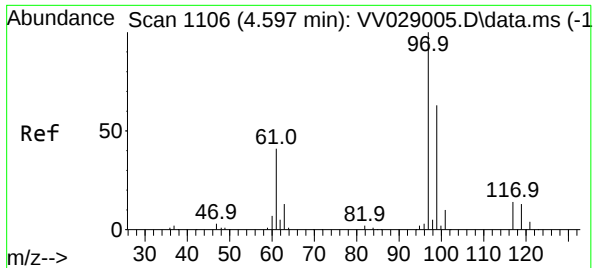
Tgt Ion: 62 Resp: 92238

Ion Ratio Lower Upper

62 100

98 12.0 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.141 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

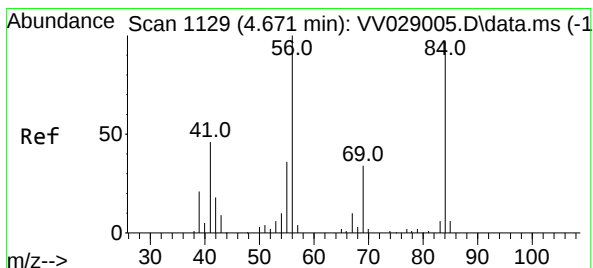
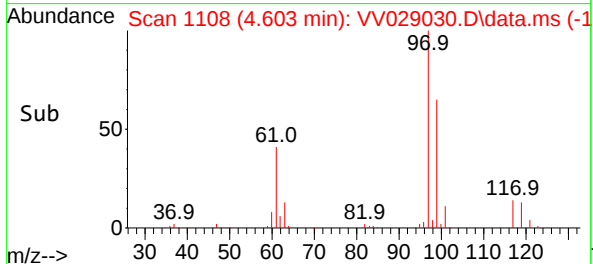
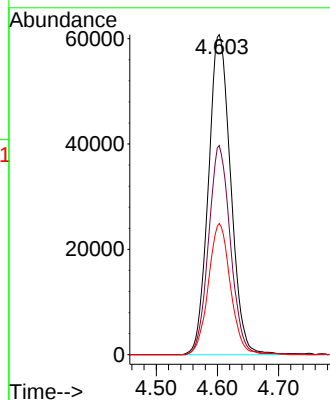
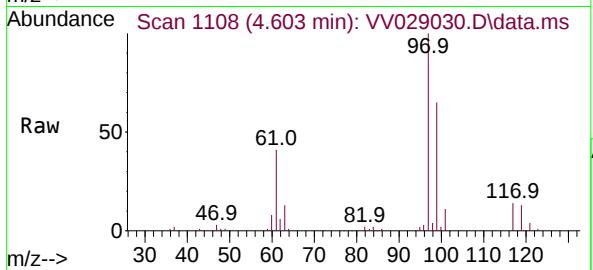
Tgt Ion: 97 Resp: 153882

Ion Ratio Lower Upper

97 100

99 64.2 52.7 79.1

61 40.4 33.8 50.6



#30

Cyclohexane

Concen: 4.879 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

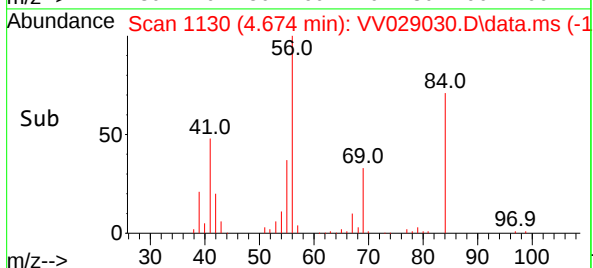
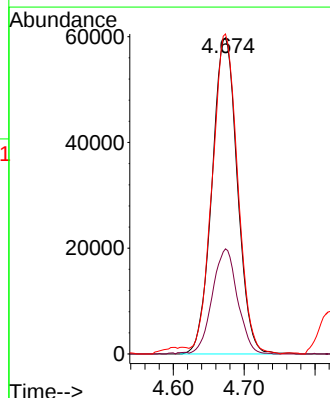
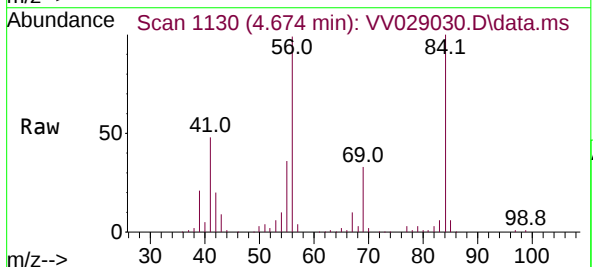
Tgt Ion: 56 Resp: 148421

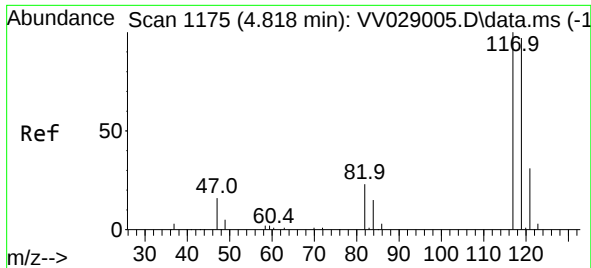
Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 101.4 77.9 116.9

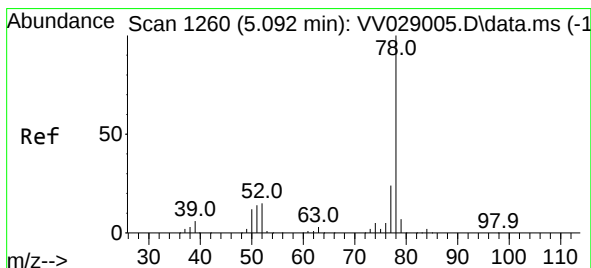
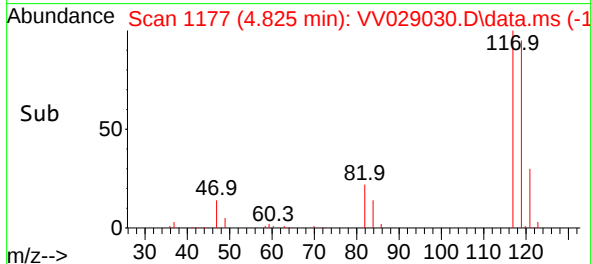
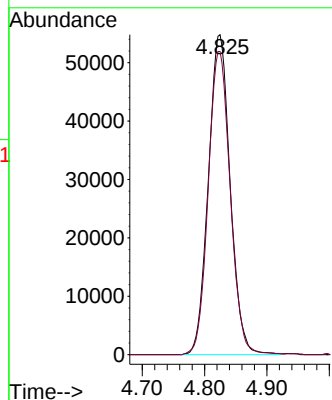
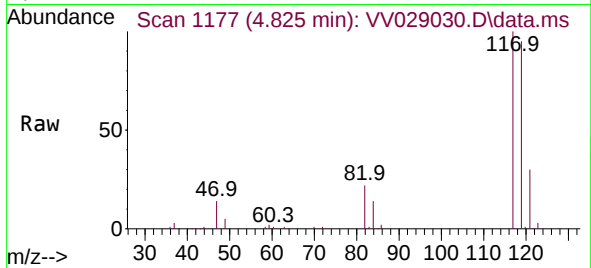




#31
Carbon tetrachloride
Concen: 5.177 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

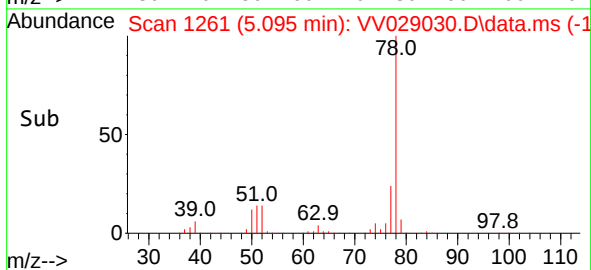
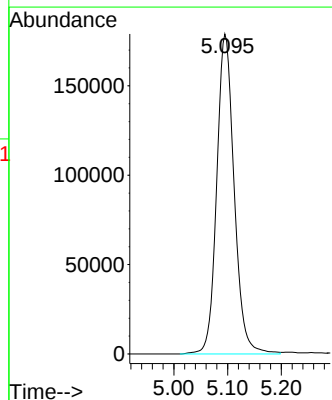
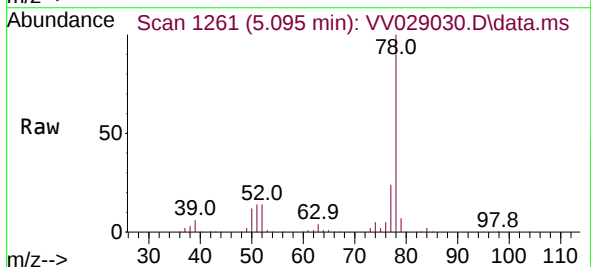
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

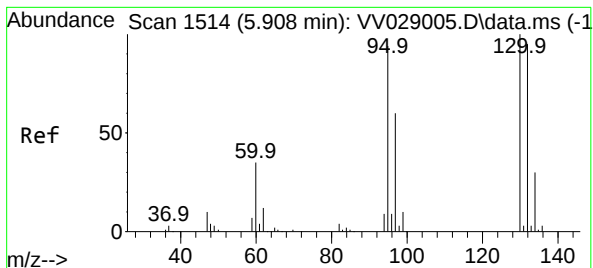
Tgt Ion:117 Resp: 133440
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#33
Benzene
Concen: 5.171 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 78 Resp: 403115





#34

Trichloroethene

Concen: 5.096 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

Tgt Ion: 95 Resp: 101691

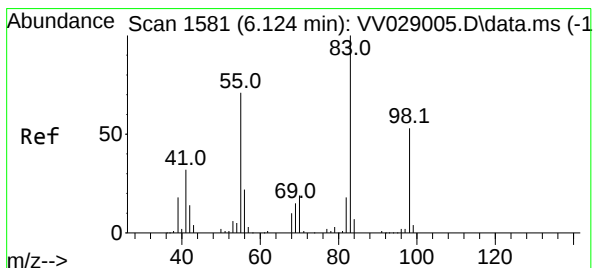
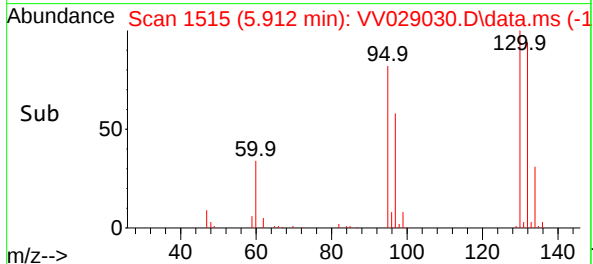
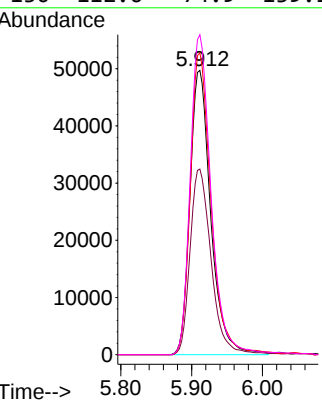
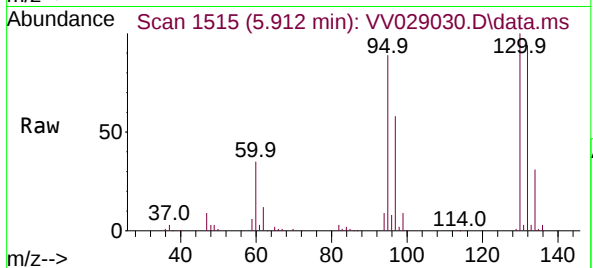
Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.8

132 106.2 69.1 128.3

130 112.6 74.9 139.1



#35

Methylcyclohexane

Concen: 4.892 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

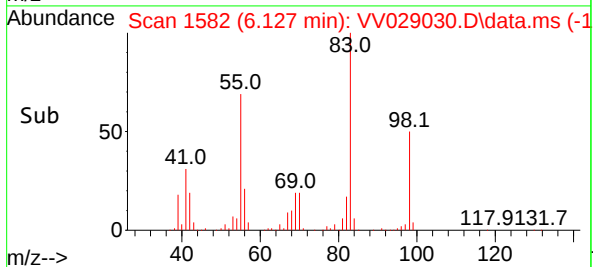
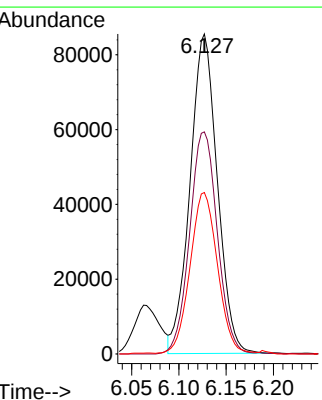
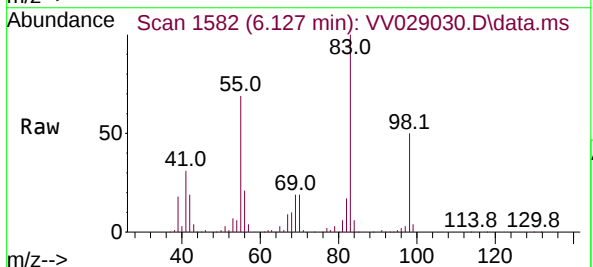
Tgt Ion: 83 Resp: 171585

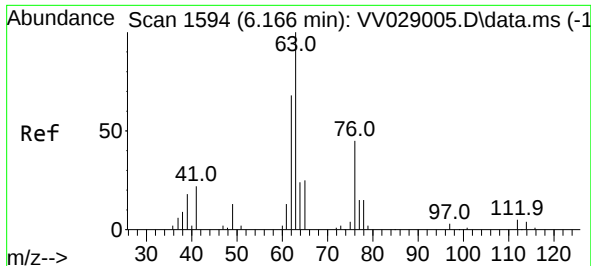
Ion Ratio Lower Upper

83 100

55 70.7 55.8 83.6

98 50.4 38.2 57.2

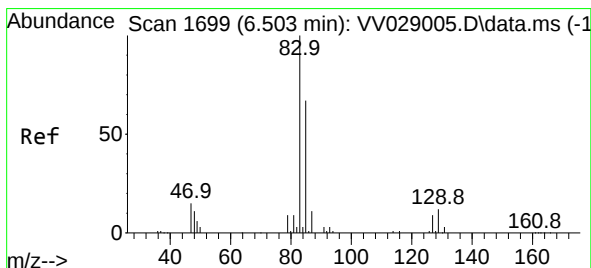
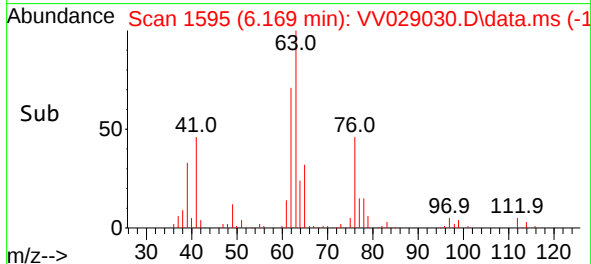
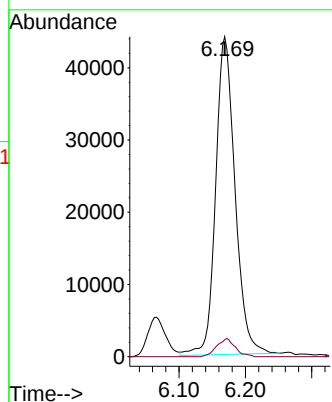
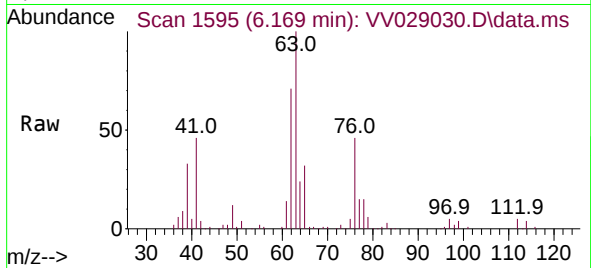




#37
1,2-Dichloropropane
Concen: 4.967 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

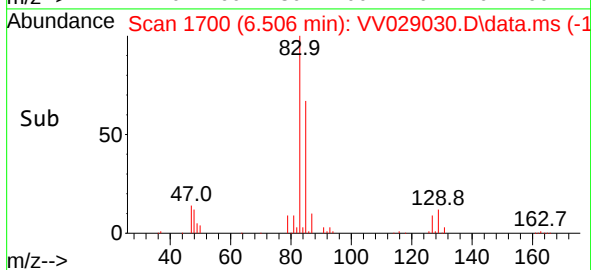
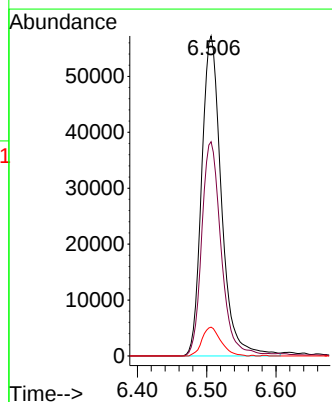
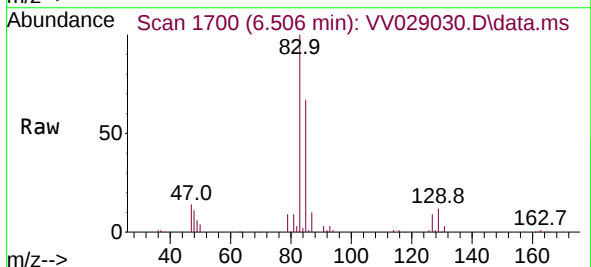
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

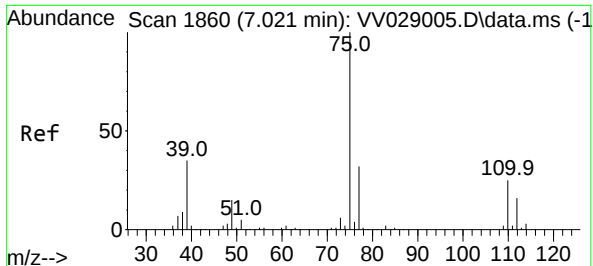
Tgt Ion: 63 Resp: 89283
Ion Ratio Lower Upper
63 100
112 5.5 4.0 6.0



#38
Bromodichloromethane
Concen: 4.972 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 83 Resp: 113192
Ion Ratio Lower Upper
83 100
85 67.0 46.1 85.5
127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.857 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

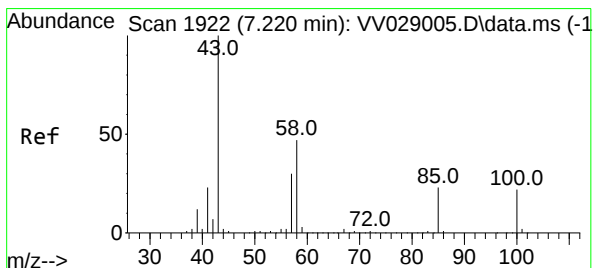
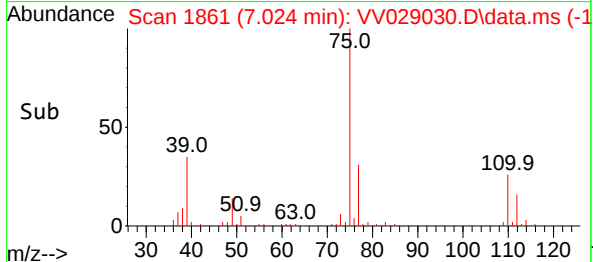
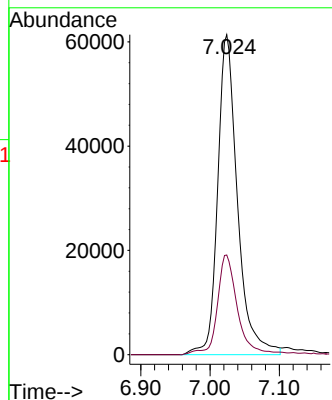
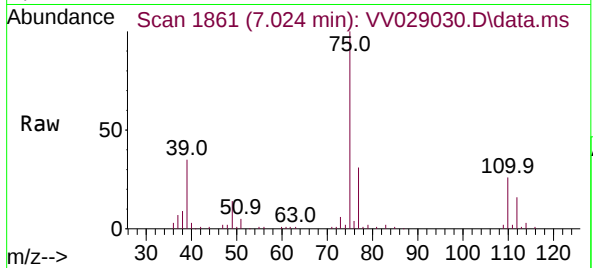
VSTD005350

Tgt Ion: 75 Resp: 121884

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.106 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

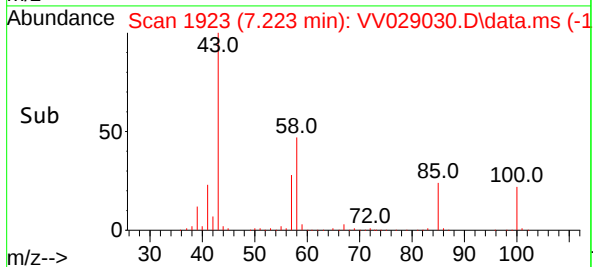
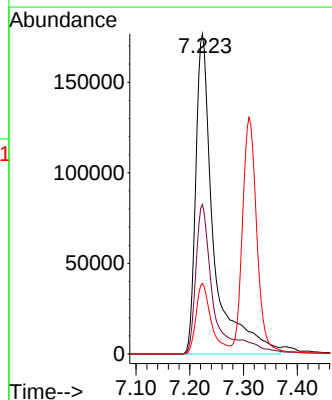
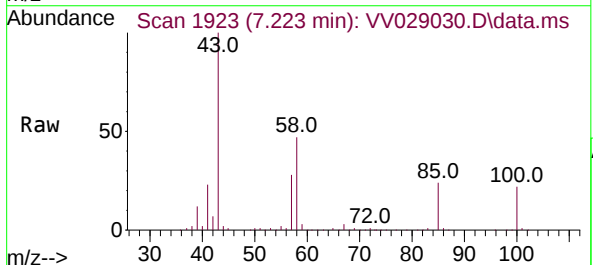
Tgt Ion: 43 Resp: 410723

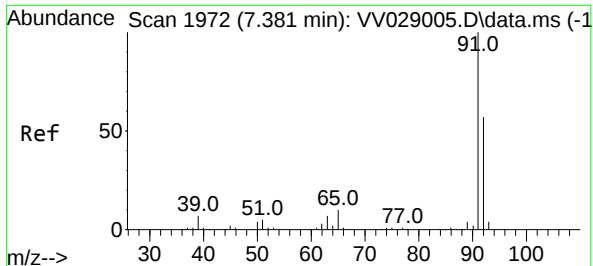
Ion Ratio Lower Upper

43 100

58 41.8 36.6 55.0

100 18.6 14.5 21.7

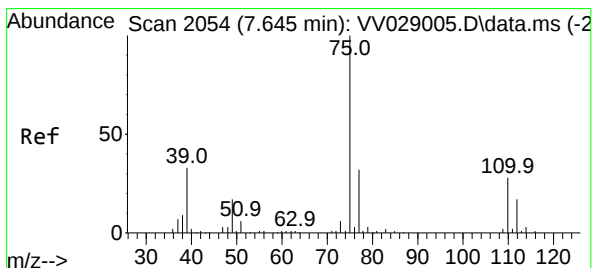
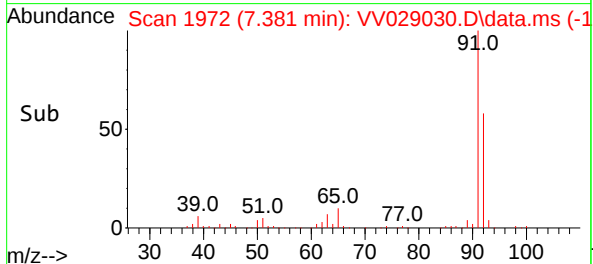
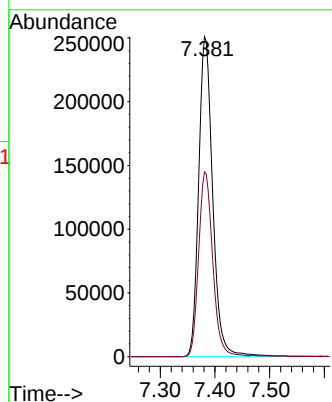
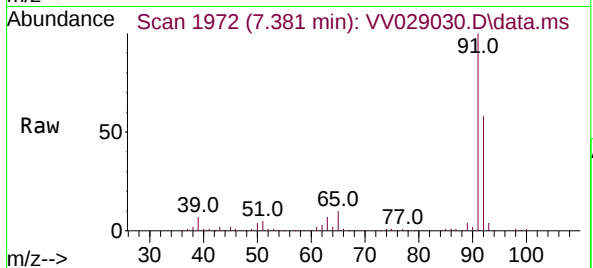




#42
Toluene
Concen: 5.300 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

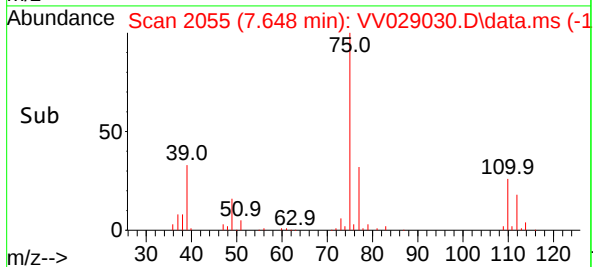
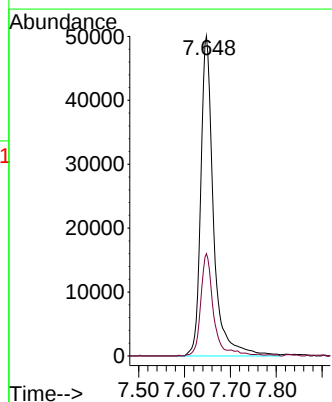
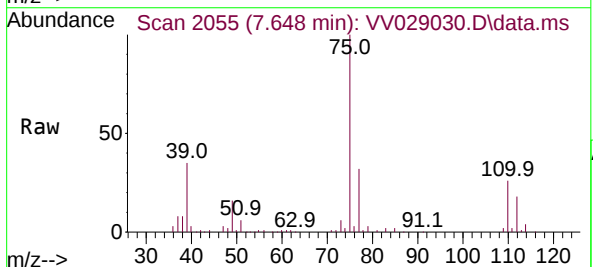
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

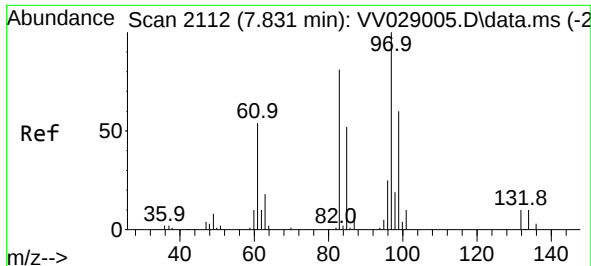
Tgt Ion: 91 Resp: 446365
Ion Ratio Lower Upper
91 100
92 57.8 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.963 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 75 Resp: 96689
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2

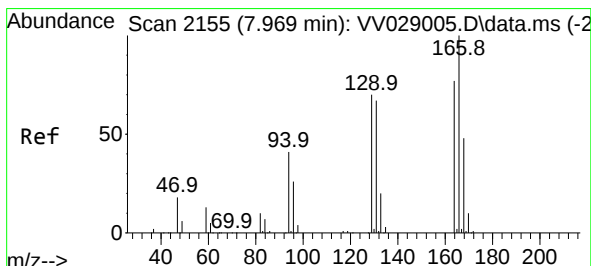
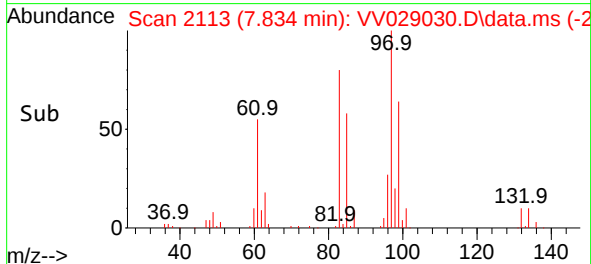
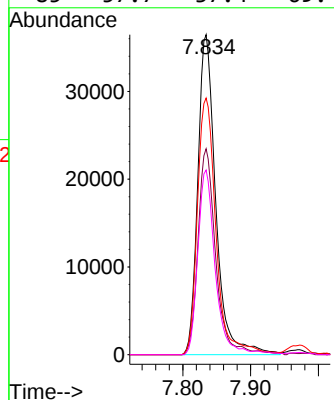
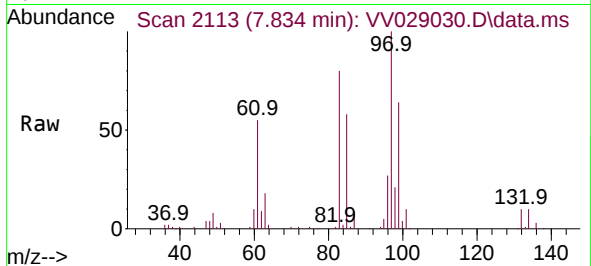




#45
1,1,2-Trichloroethane
Concen: 5.721 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

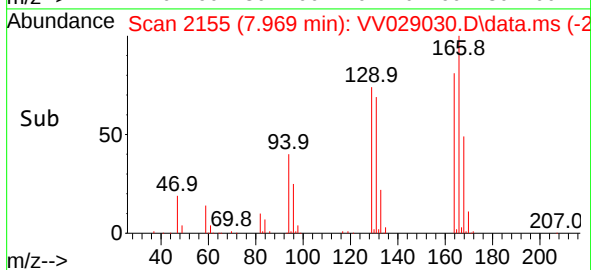
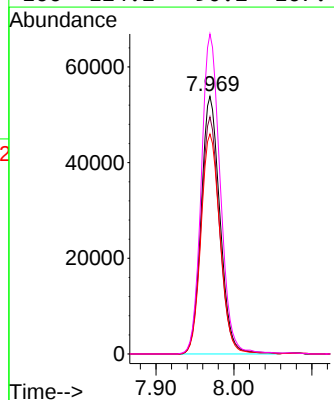
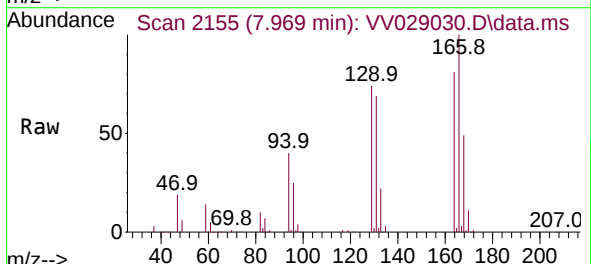
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

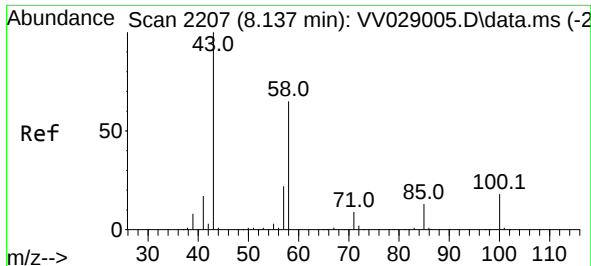
Tgt Ion:	97	Resp:	67321
Ion	Ratio	Lower	Upper
97	100		
99	64.3	41.5	77.1
83	80.2	60.0	111.4
85	57.7	37.4	69.4



#47
Tetrachloroethene
Concen: 5.651 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion:	164	Resp:	90302
Ion	Ratio	Lower	Upper
164	100		
129	92.0	63.9	118.7
131	85.4	61.8	114.8
166	124.2	90.2	167.4

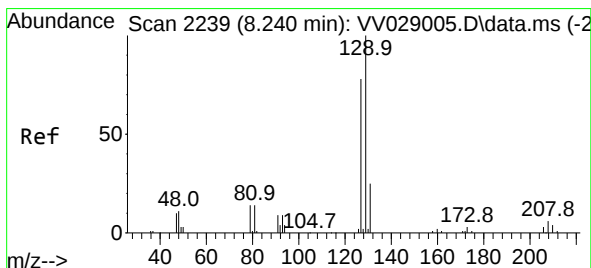
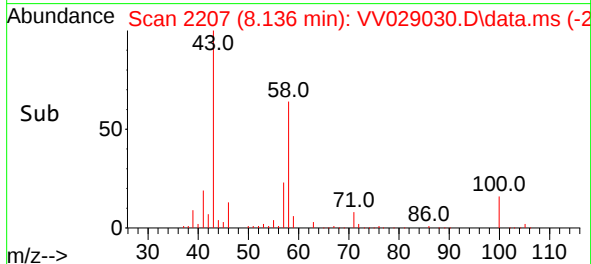
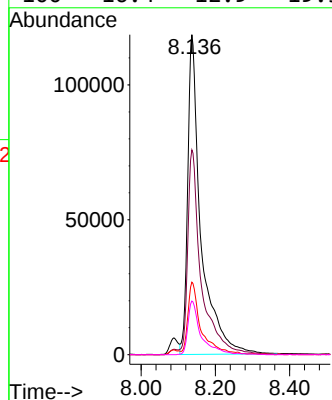
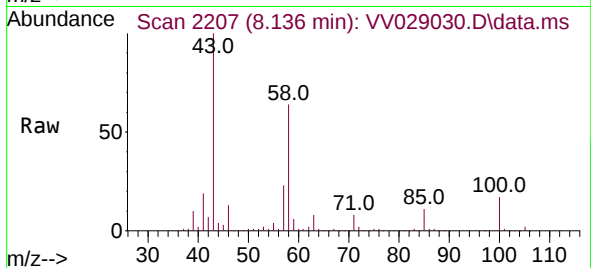




#48
2-Hexanone
Concen: 54.509 ug/L
RT: 8.136 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

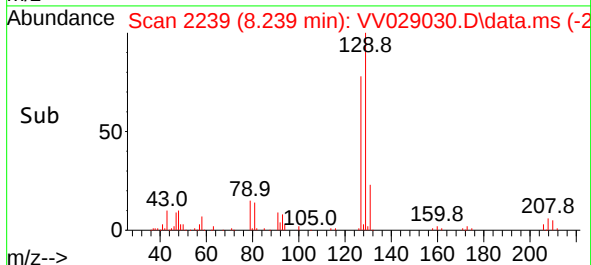
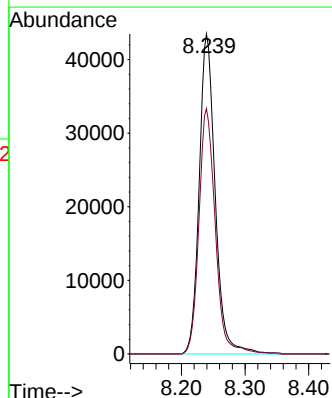
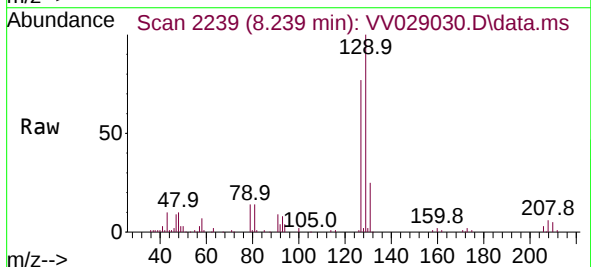
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

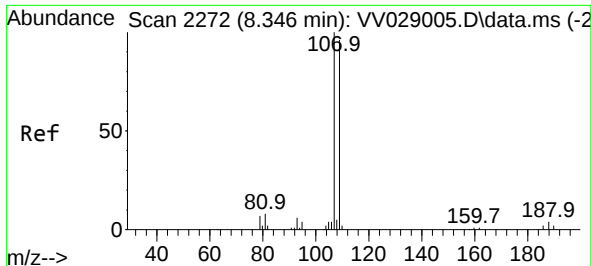
Tgt Ion:	43	Resp:	295304
Ion	Ratio	Lower	Upper
43	100		
58	64.0	50.2	75.4
57	20.7	17.8	26.8
100	16.4	12.9	19.3



#49
Dibromochloromethane
Concen: 5.341 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion:	129	Resp:	75992
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.692 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

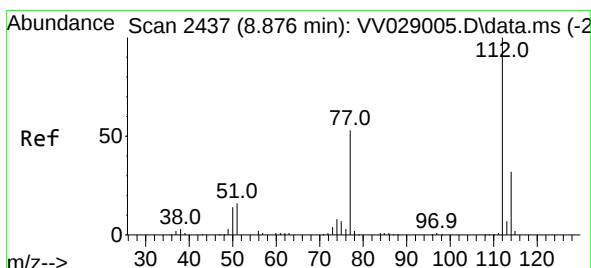
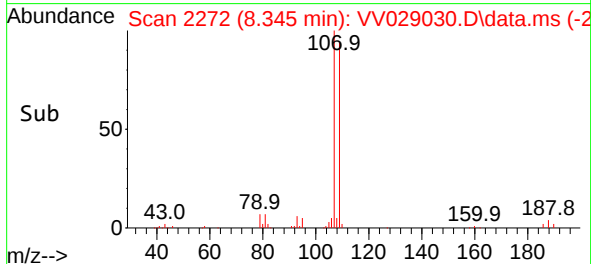
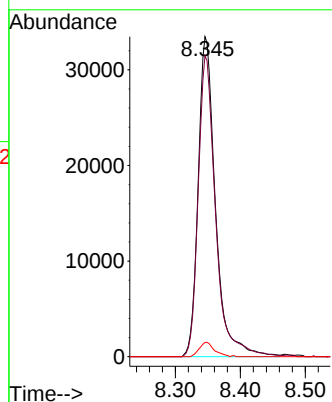
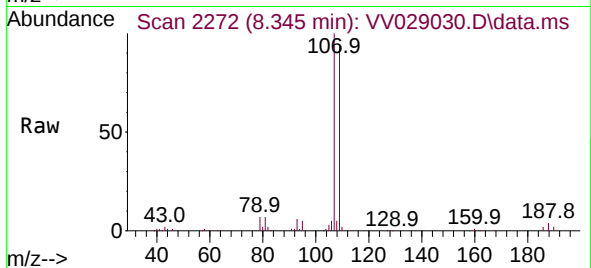
Tgt Ion:107 Resp: 62226

Ion Ratio Lower Upper

107 100

109 94.1 64.4 119.6

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 5.515 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

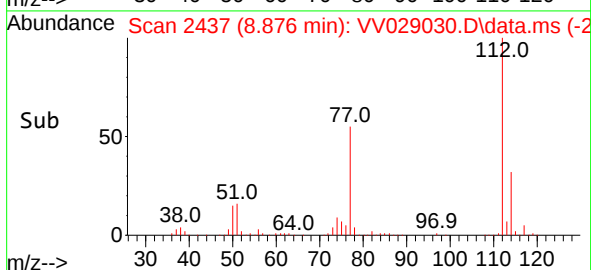
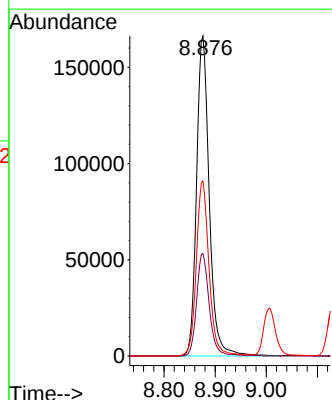
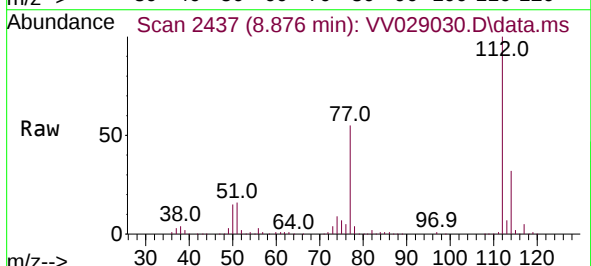
Tgt Ion:112 Resp: 287178

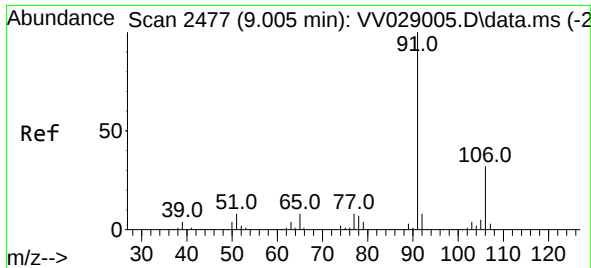
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 54.7 44.4 66.6





#52

Ethylbenzene

Concen: 5.385 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

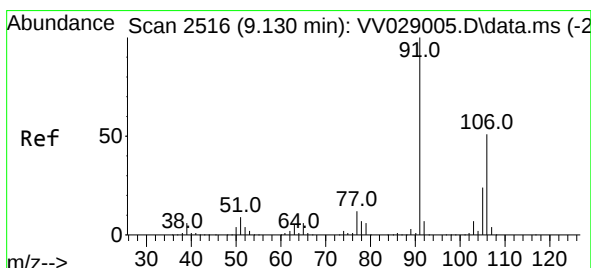
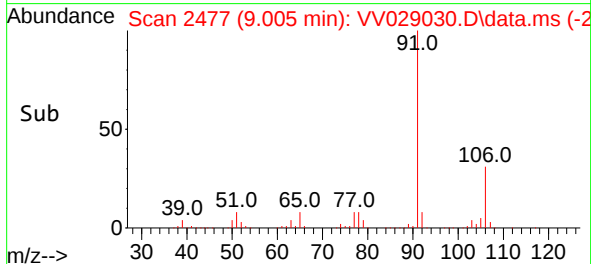
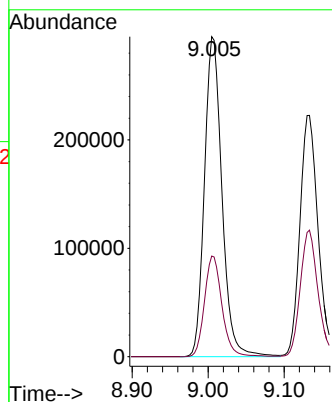
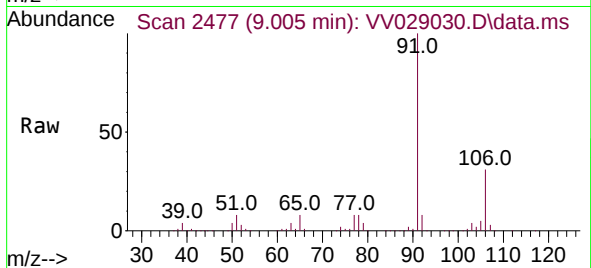
VSTD005350

Tgt Ion: 91 Resp: 472129

Ion Ratio Lower Upper

91 100

106 31.4 21.6 40.2



#53

m,p-Xylene

Concen: 5.474 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029030.D

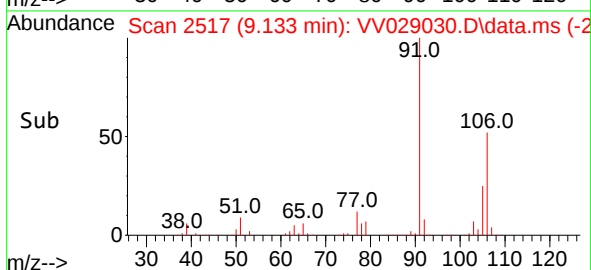
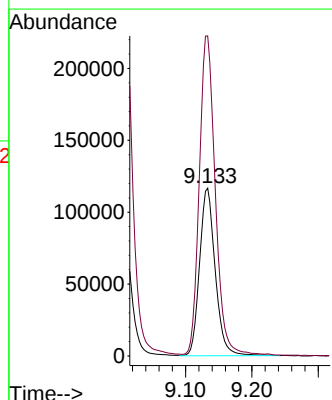
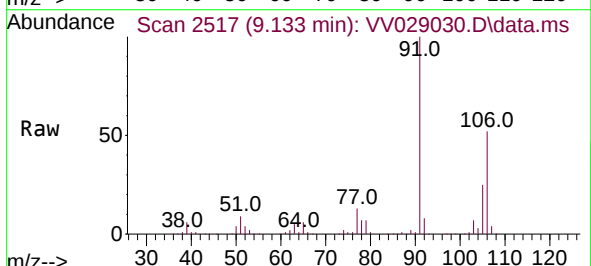
Acq: 16 Nov 2022 20:31

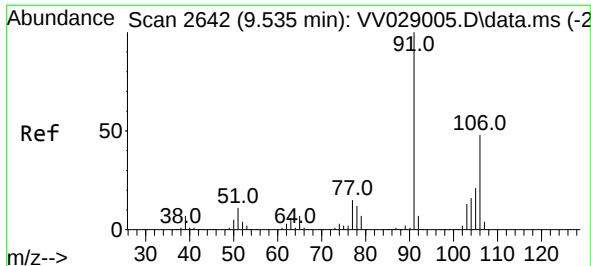
Tgt Ion: 106 Resp: 190855

Ion Ratio Lower Upper

106 100

91 190.7 139.1 258.3

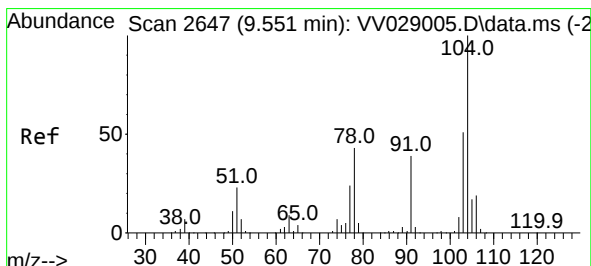
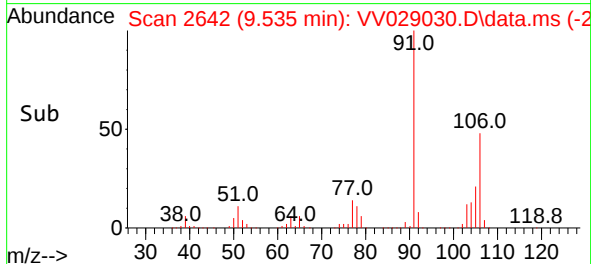
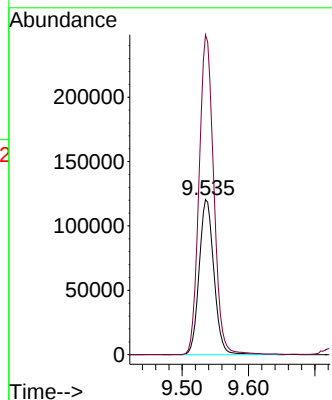
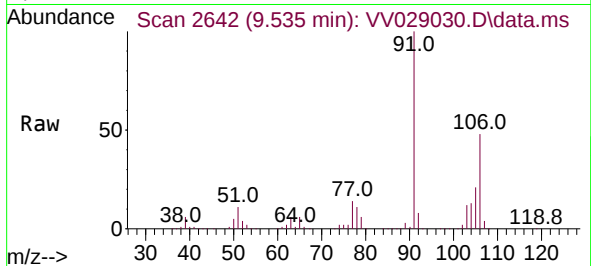




#54
o-Xylene
Concen: 5.624 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

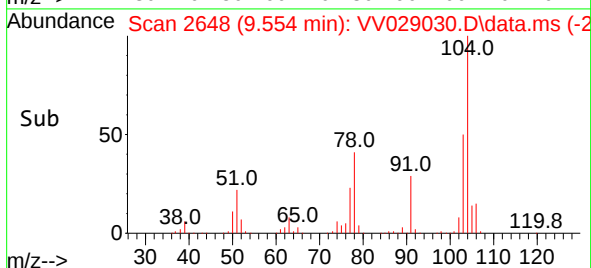
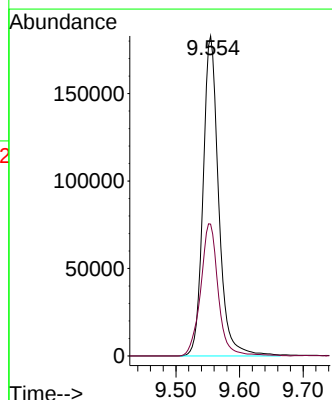
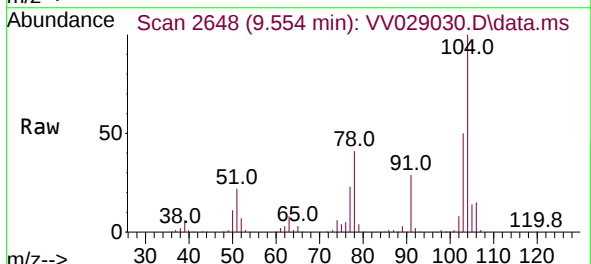
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

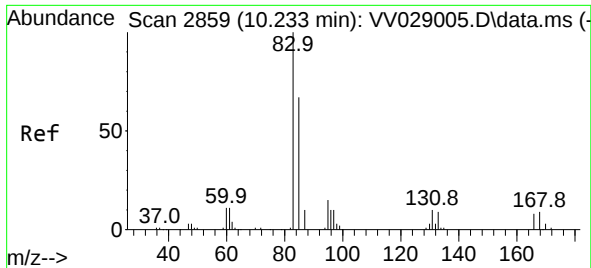
Tgt Ion:106 Resp: 186403
Ion Ratio Lower Upper
106 100
91 206.3 145.7 270.7



#55
Styrene
Concen: 5.608 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion:104 Resp: 311765
Ion Ratio Lower Upper
104 100
78 41.2 30.1 55.9

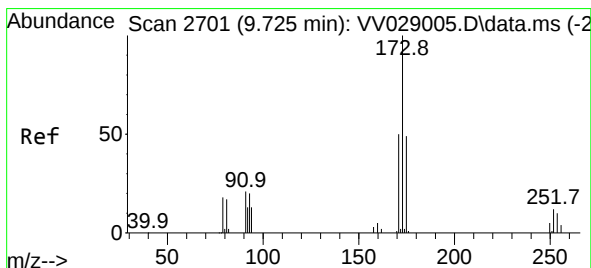
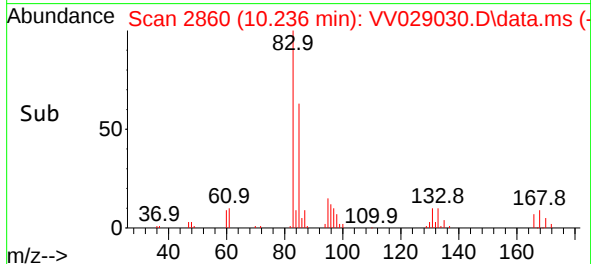
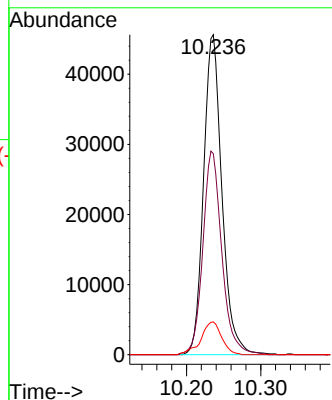
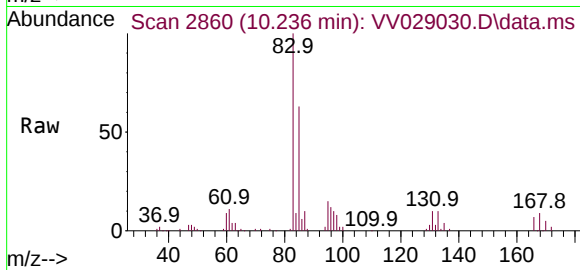




#57
1,1,2,2-Tetrachloroethane
Concen: 5.719 ug/L
RT: 10.236 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

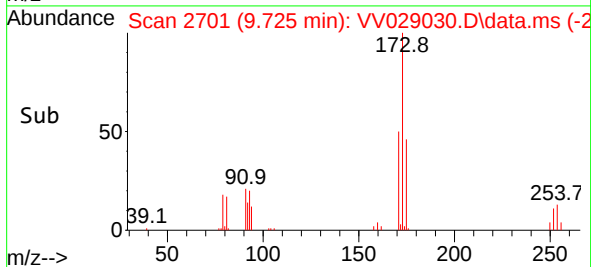
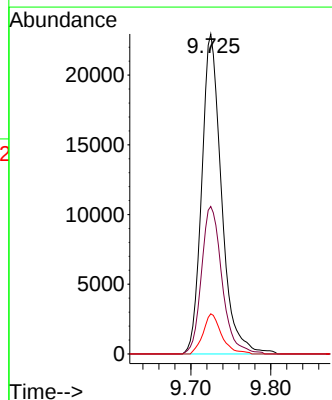
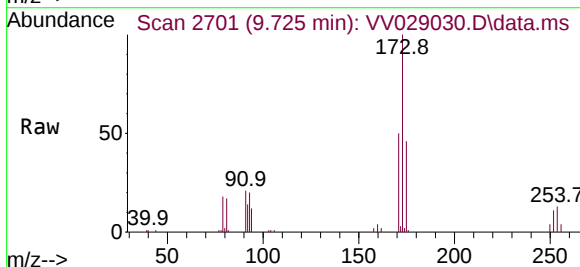
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

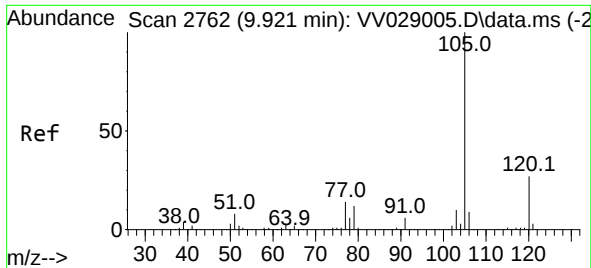
Tgt Ion: 83 Resp: 78434
Ion Ratio Lower Upper
83 100
85 62.8 45.2 84.0
131 10.3 7.5 11.3



#59
Bromoform
Concen: 5.547 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 173 Resp: 39502
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.4
254 11.8 8.5 12.7

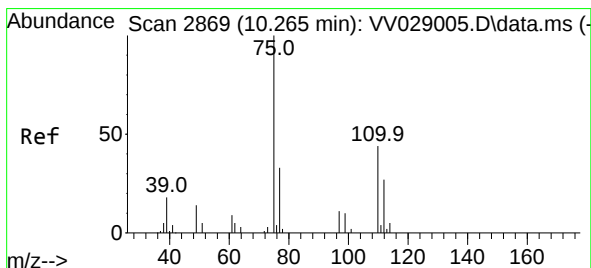
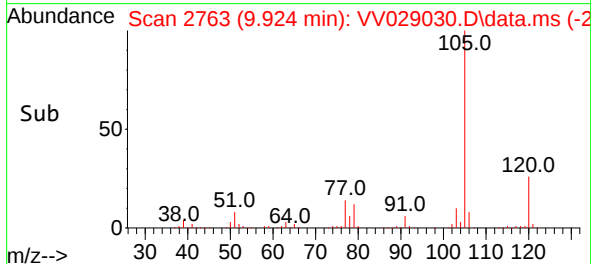
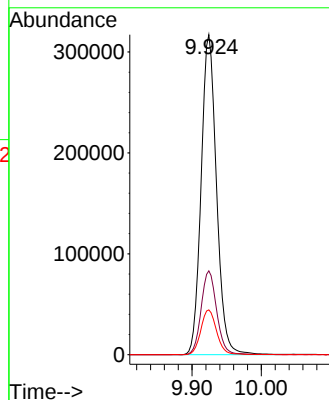
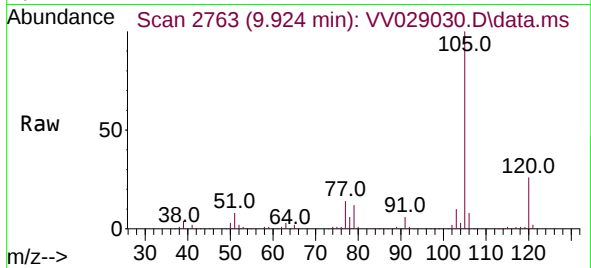




#60
Isopropylbenzene
Concen: 5.764 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

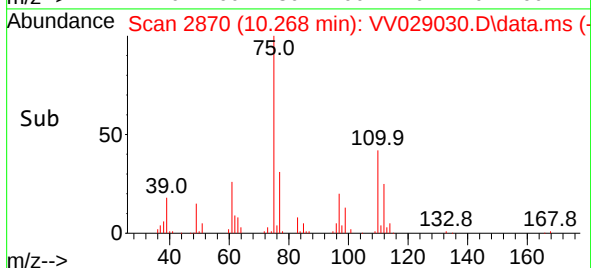
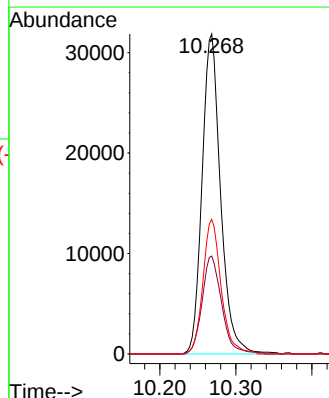
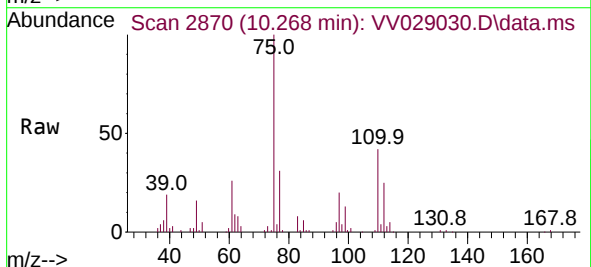
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

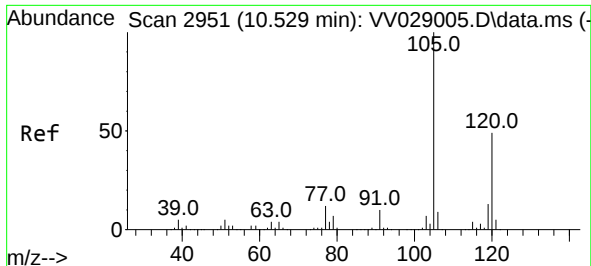
Tgt Ion:105 Resp: 488766
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.4 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 6.043 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029030.D
Acq: 16 Nov 2022 20:31

Tgt Ion: 75 Resp: 53945
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 41.4 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.692 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

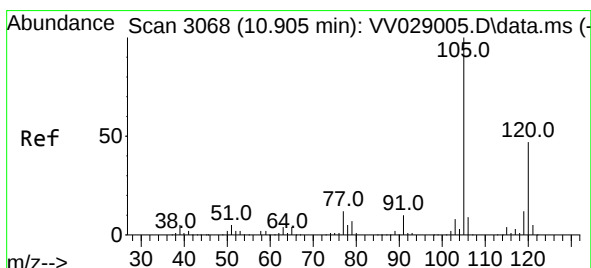
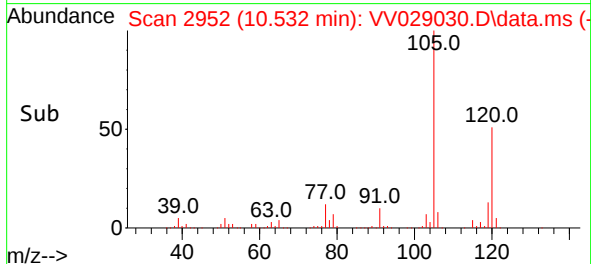
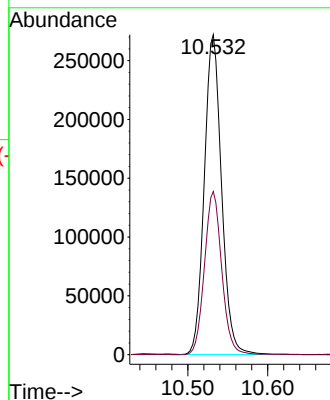
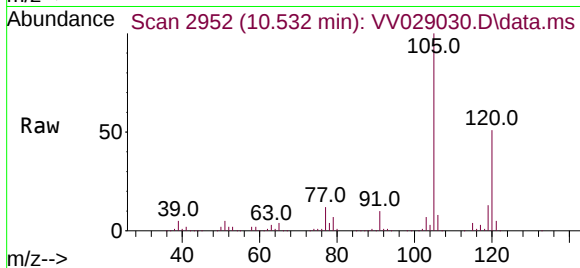
VSTD005350

Tgt Ion:105 Resp: 408857

Ion Ratio Lower Upper

105 100

120 51.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.458 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029030.D

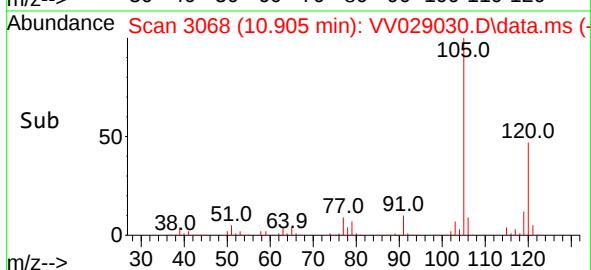
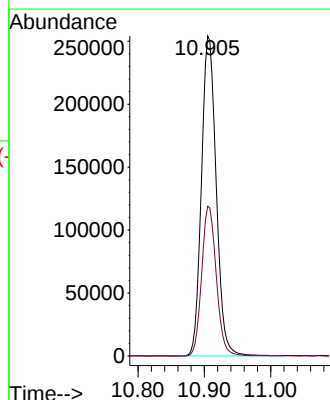
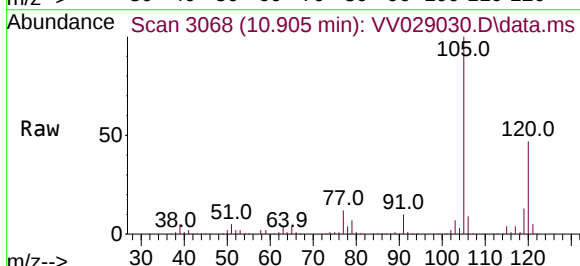
Acq: 16 Nov 2022 20:31

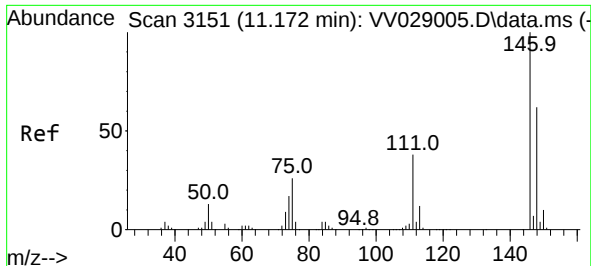
Tgt Ion:105 Resp: 392753

Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8

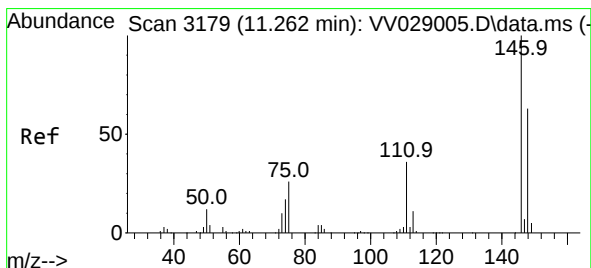
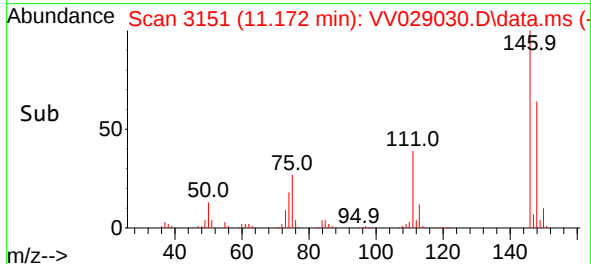
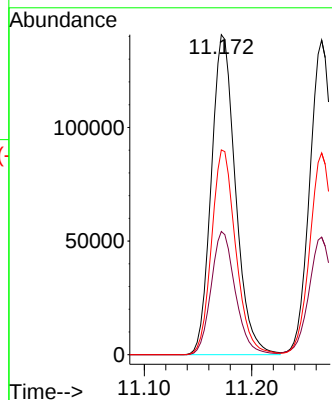
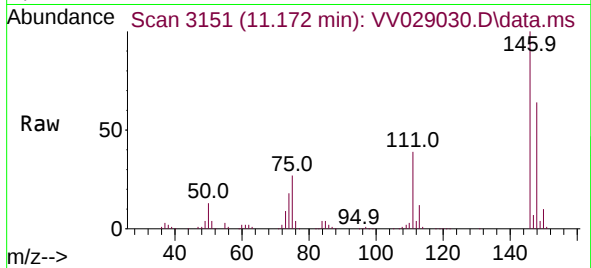




#64
 1,3-Dichlorobenzene
 Concen: 5.535 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

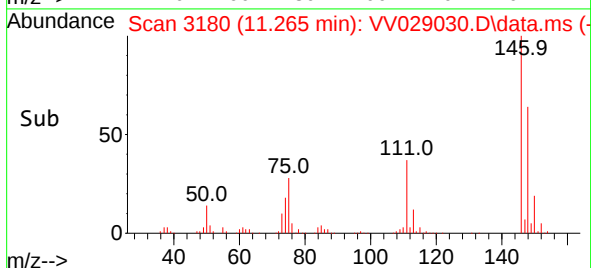
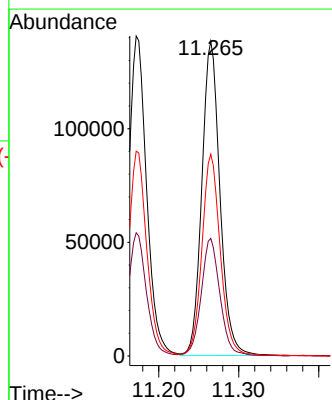
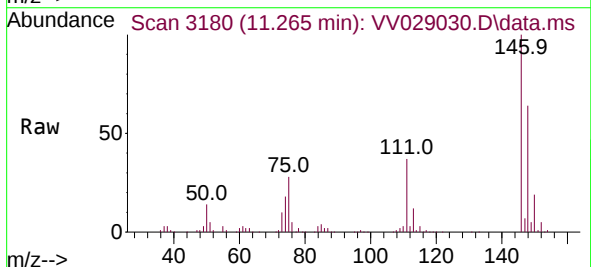
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

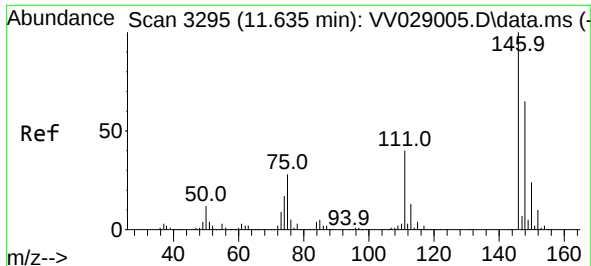
Tgt Ion:146 Resp: 220502
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.9 50.1
 148 64.0 44.1 81.9



#65
 1,4-Dichlorobenzene
 Concen: 5.454 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion:146 Resp: 218459
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.5 49.3
 148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.673 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

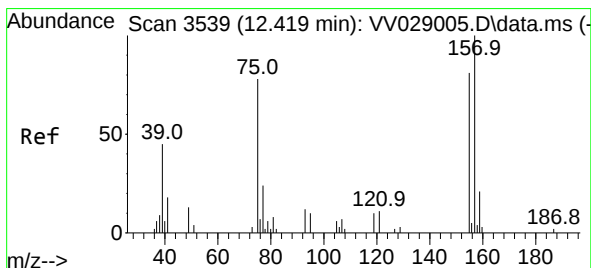
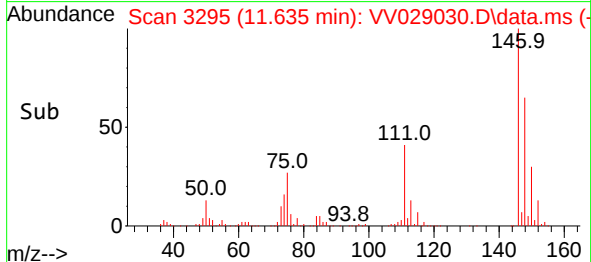
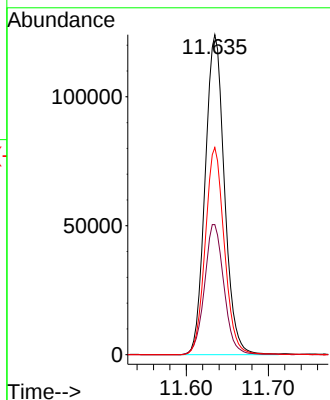
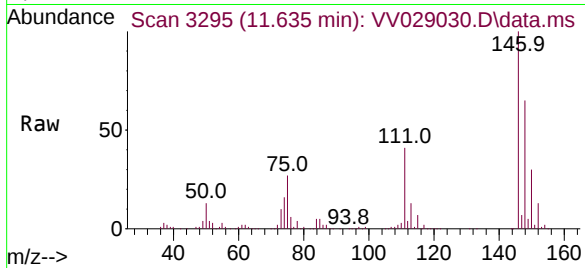
Tgt Ion:146 Resp: 203073

Ion Ratio Lower Upper

146 100

111 40.7 32.4 48.6

148 64.7 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.561 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

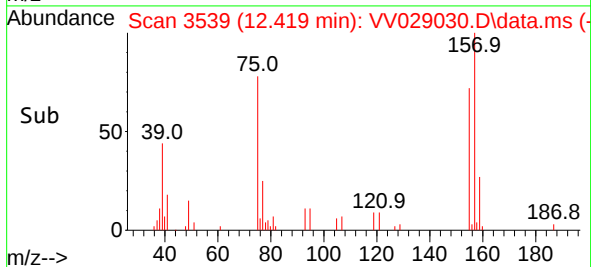
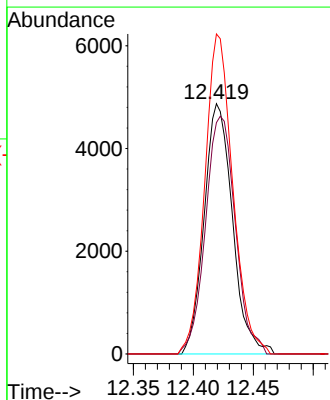
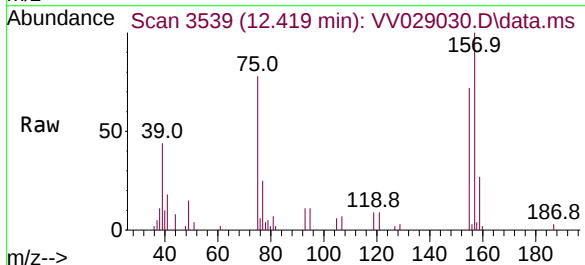
Tgt Ion: 75 Resp: 8012

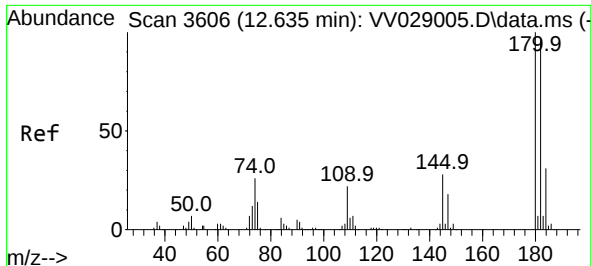
Ion Ratio Lower Upper

75 100

155 92.5 64.8 97.2

157 127.9 86.3 129.5

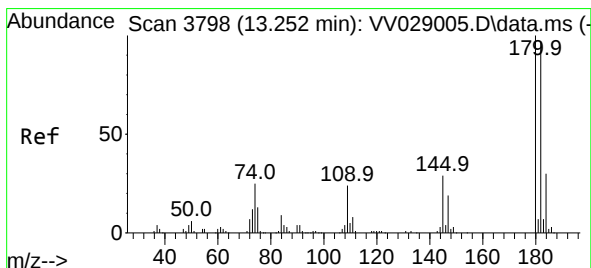
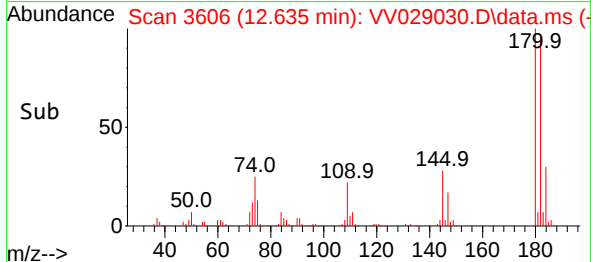
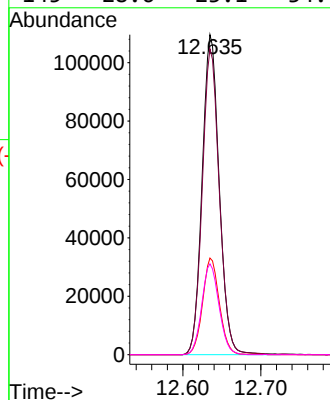
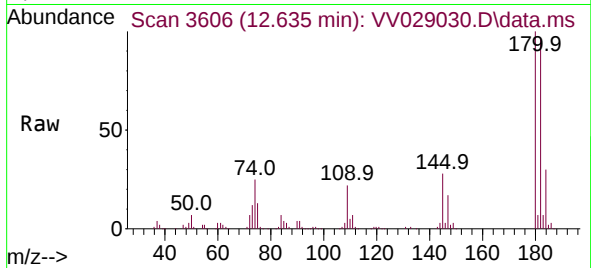




#69
 1,3,5-Trichlorobenzene
 Concen: 5.418 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

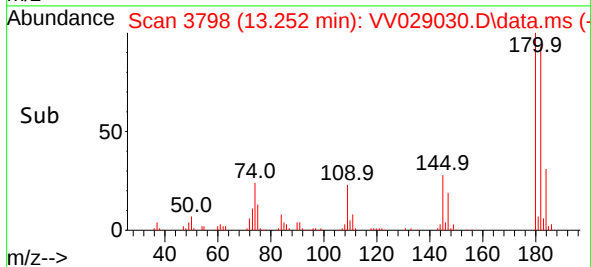
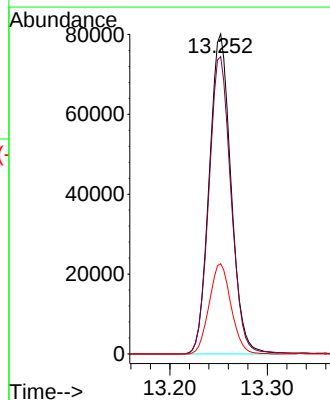
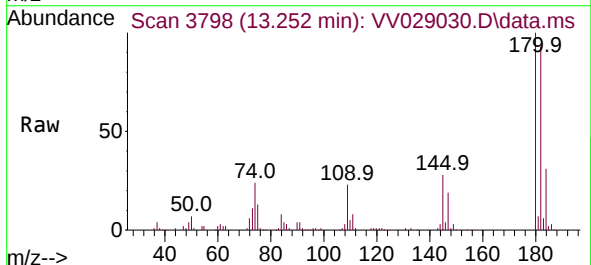
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

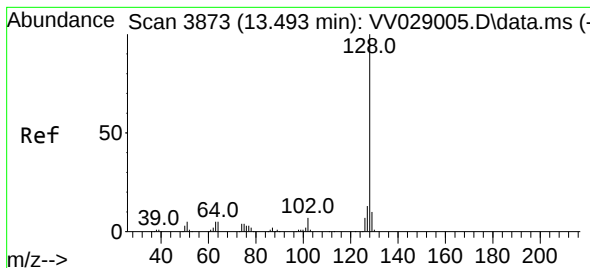
Tgt Ion:180 Resp: 166517
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 184 29.7 24.0 36.0
 145 28.6 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.348 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV029030.D
 Acq: 16 Nov 2022 20:31

Tgt Ion:180 Resp: 124332
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.3 111.5
 145 28.3 23.7 35.5





#71

Naphthalene

Concen: 4.798 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

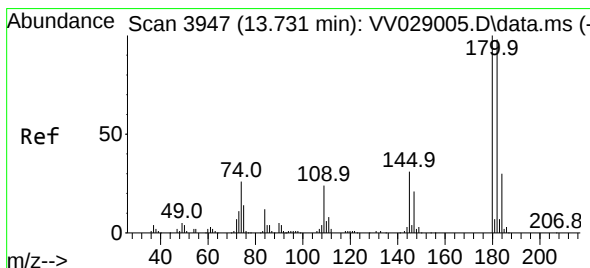
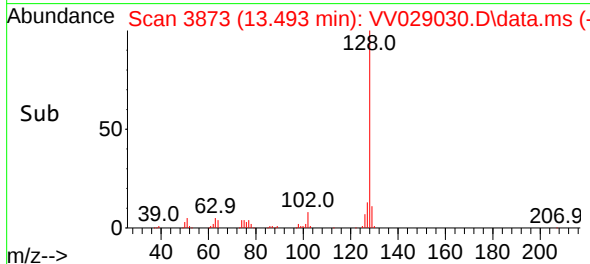
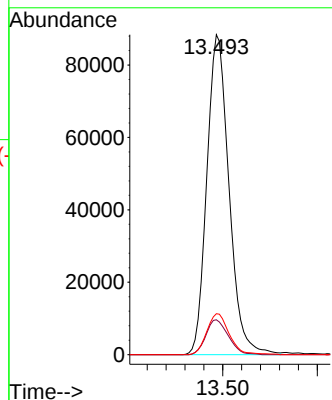
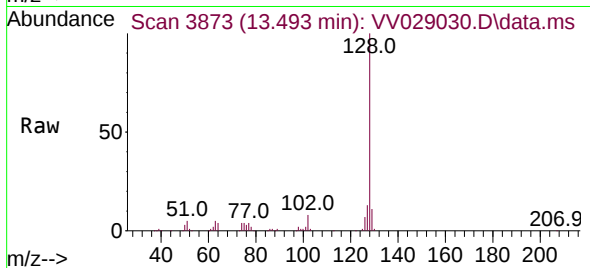
Tgt Ion:128 Resp: 143939

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.507 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029030.D

Acq: 16 Nov 2022 20:31

Tgt Ion:180 Resp: 108429

Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.2

145 30.3 24.9 37.3

