

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029104.D
 Acq On : 18 Nov 2022 07:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Nov 18 08:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	235026	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	216088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	112390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70419	4.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	58210	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	132945	5.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	3.892	46	162242	67.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.280%#
24) Chloroform-d	4.342	84	169018	5.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.000%
26) 1,2-Dichloroethane-d4	5.027	65	74089	5.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.047	84	345032	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.066	67	95228	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.310	98	329445	5.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
43) trans-1,3-Dichloroprop...	7.619	79	31885	5.428	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.085	63	151039	60.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76196	6.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.615	152	126444	6.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	109681	5.598	ug/L	98
3) Chloromethane	1.240	50	87007	5.351	ug/L	95
5) Vinyl chloride	1.310	62	99337	5.356	ug/L	90
6) Bromomethane	1.523	94	61237	5.524	ug/L	97
8) Chloroethane	1.584	64	63014	5.782	ug/L	95
9) Trichlorofluoromethane	1.751	101	152227	6.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	88015	6.216	ug/L	97
12) 1,1-Dichloroethene	2.117	96	85304	5.996	ug/L	93
13) Acetone	2.188	43	87196	56.515	ug/L	80
14) Carbon disulfide	2.291	76	272643	5.396	ug/L	100
15) Methyl Acetate	2.436	43	24748	6.609	ug/L	98
16) Methylene chloride	2.503	84	129507	7.040	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	191736	6.286	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	101659	6.161	ug/L	92
19) 1,1-Dichloroethane	3.185	63	160695	5.957	ug/L	98
21) 2-Butanone	3.982	43	153416	64.225	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	107223	6.392	ug/L	89
23) Bromochloromethane	4.246	128	47851	6.744	ug/L	91
25) Chloroform	4.371	83	174563	6.173	ug/L	97

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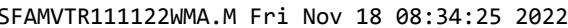
Instrument :
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 ClientSampleId :
 VSTD005354

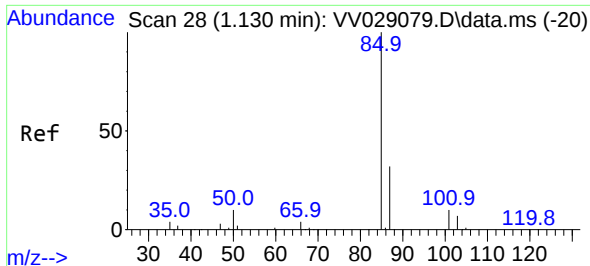
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	91108	6.255	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	150442	5.933	ug/L	98
30) Cyclohexane	4.670	56	143849	5.582	ug/L	97
31) Carbon tetrachloride	4.821	117	129793	5.944	ug/L	97
33) Benzene	5.095	78	393842	5.964	ug/L	100
34) Trichloroethene	5.911	95	101680	6.015	ug/L	97
35) Methylcyclohexane	6.127	83	168773	5.681	ug/L	97
37) 1,2-Dichloropropane	6.169	63	87481	5.745	ug/L	99
38) Bromodichloromethane	6.506	83	110019	5.705	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	112870	5.309	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	397731	60.709	ug/L	97
42) Toluene	7.381	91	436806	6.123	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	86764	5.257	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	66346	6.656	ug/L	99
47) Tetrachloroethene	7.969	164	88516	6.539	ug/L	99
48) 2-Hexanone	8.136	43	281592	61.359	ug/L	95
49) Dibromochloromethane	8.239	129	71413	5.926	ug/L	99
50) 1,2-Dibromoethane	8.345	107	60421	6.525	ug/L #	95
51) Chlorobenzene	8.876	112	284301	6.446	ug/L	98
52) Ethylbenzene	9.005	91	466917	6.287	ug/L	98
53) m,p-Xylene	9.133	106	186548	6.316	ug/L	96
54) o-Xylene	9.535	106	182812	6.511	ug/L	99
55) Styrene	9.554	104	309827	6.579	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	74444	6.407	ug/L #	99
59) Bromoform	9.725	173	36796	6.006	ug/L	100
60) Isopropylbenzene	9.924	105	487431	6.682	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	51720	6.734	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	406594	6.579	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	408394	6.597	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	228499	6.666	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	221426	6.426	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	204029	6.625	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7687	5.087	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.635	180	165916	6.274	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	121076	6.053	ug/L	97
71) Naphthalene	13.493	128	144877	5.614	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	104253	6.154	ug/L	99

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

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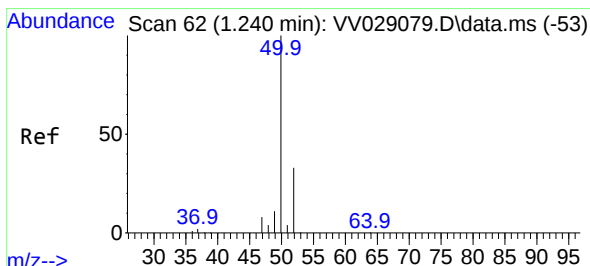
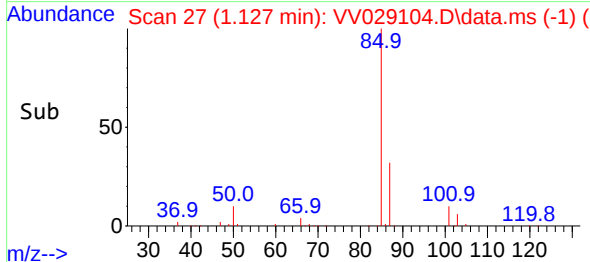
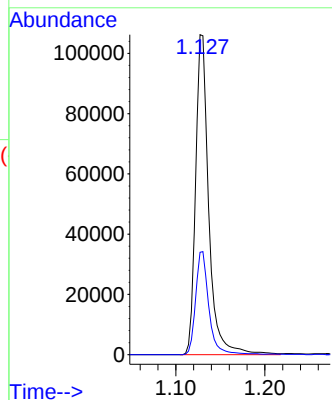
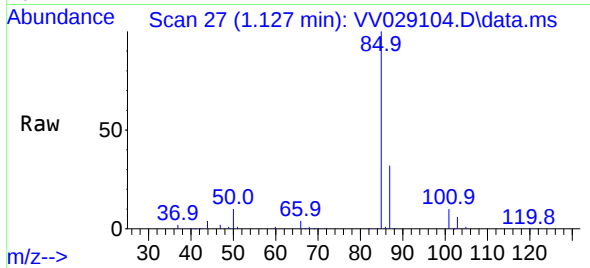




#2
 Dichlorodifluoromethane
 Concen: 5.598 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

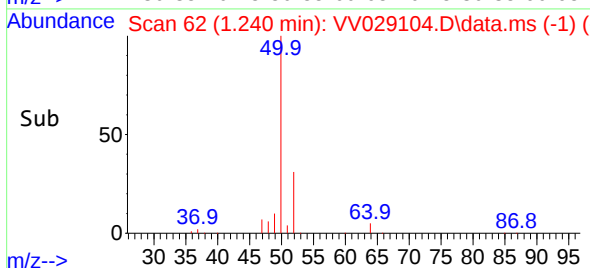
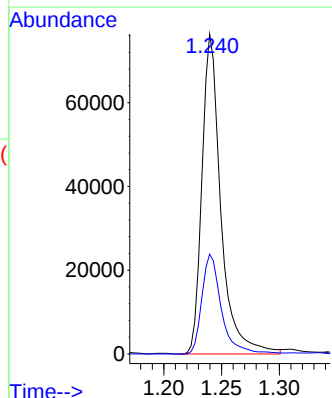
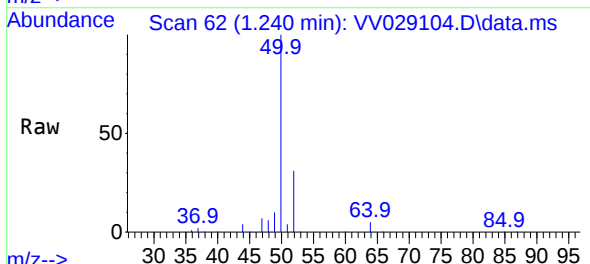
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

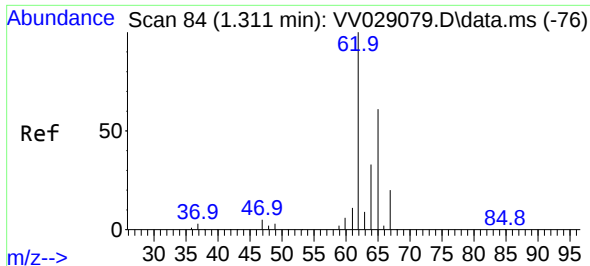
Tgt Ion: 85 Resp: 109681
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 5.351 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

Tgt Ion: 50 Resp: 87007
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.7 43.9

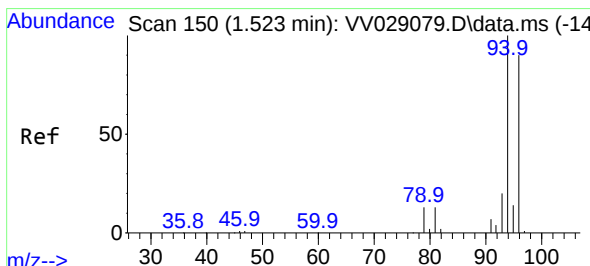
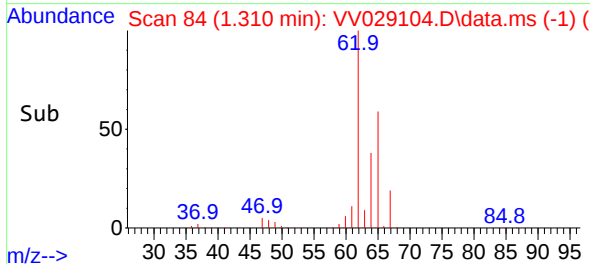
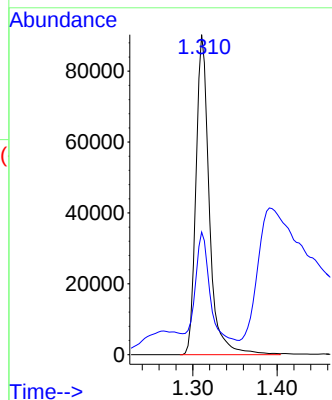
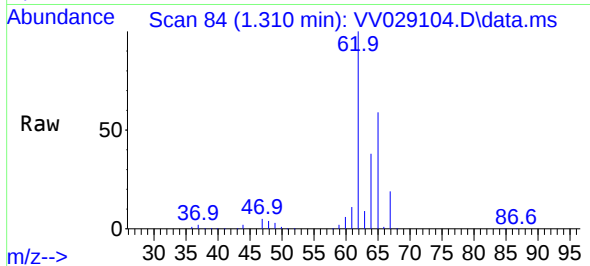




#5
 Vinyl chloride
 Concen: 5.356 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

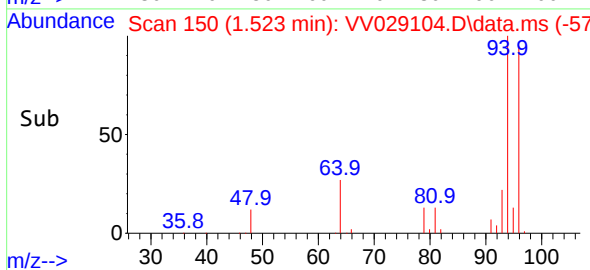
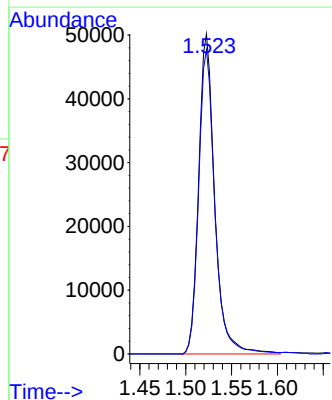
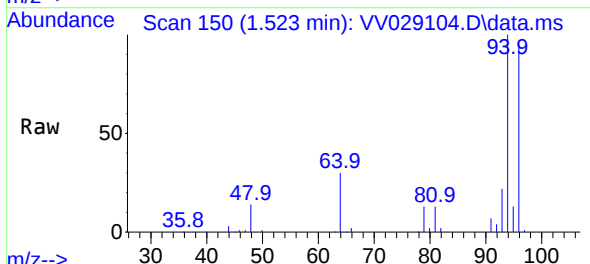
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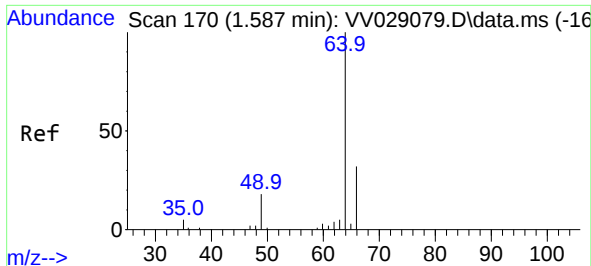
Tgt Ion: 62 Resp: 99337
 Ion Ratio Lower Upper
 62 100
 64 38.3 22.8 42.4



#6
 Bromomethane
 Concen: 5.524 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

Tgt Ion: 94 Resp: 61237
 Ion Ratio Lower Upper
 94 100
 96 95.1 68.5 127.3

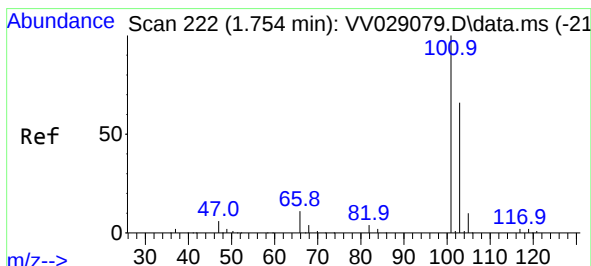
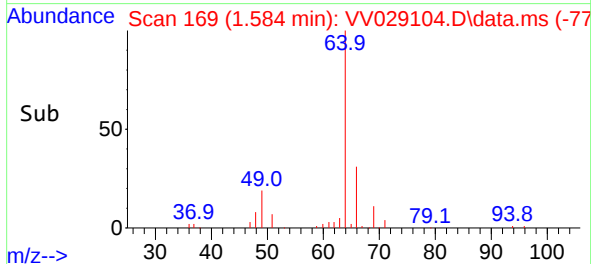
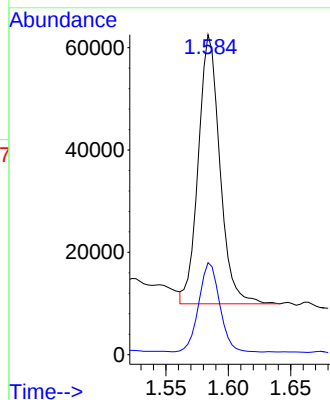
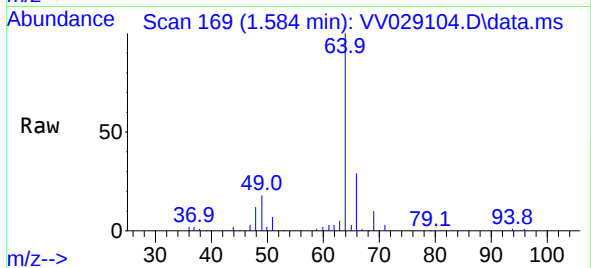




#8
Chloroethane
Concen: 5.782 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

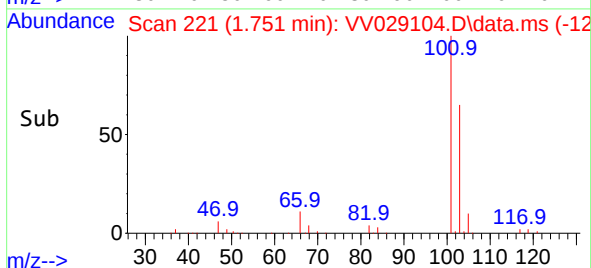
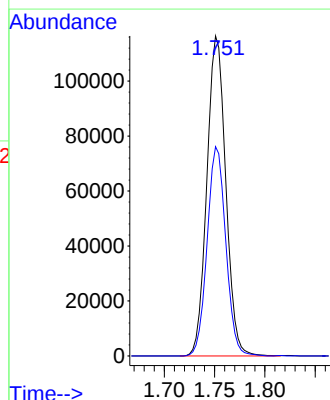
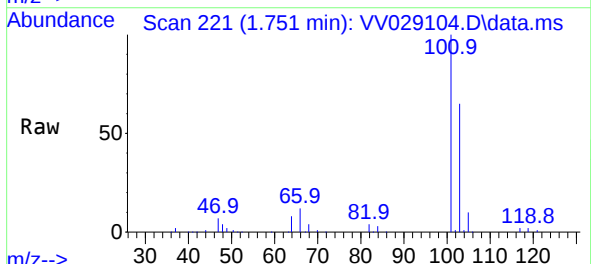
Instrument :
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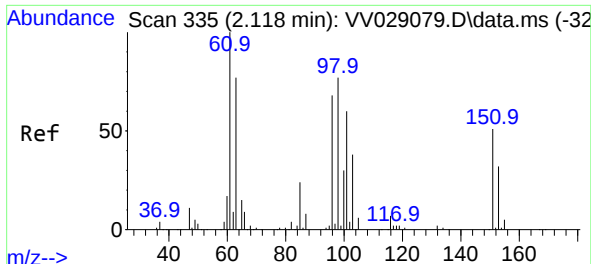
Tgt Ion: 64 Resp: 63014
Ion Ratio Lower Upper
64 100
66 28.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 6.087 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 101 Resp: 152227
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9

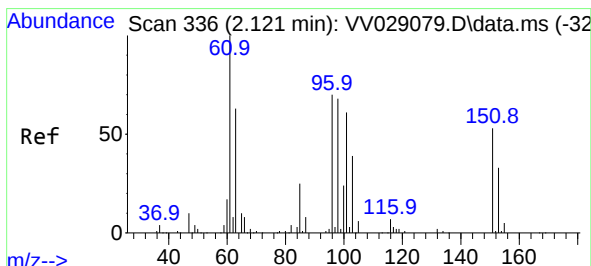
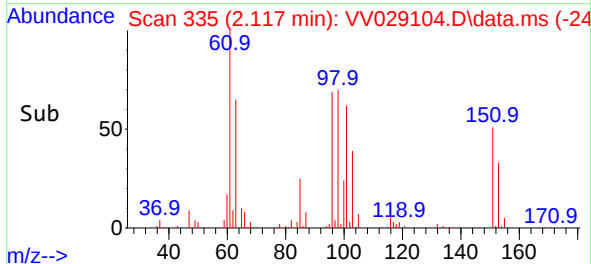
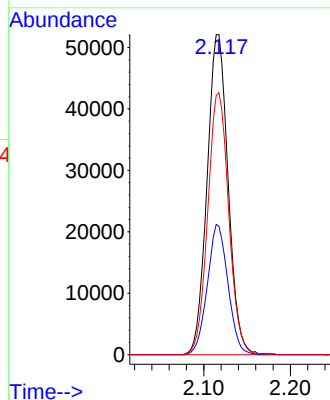
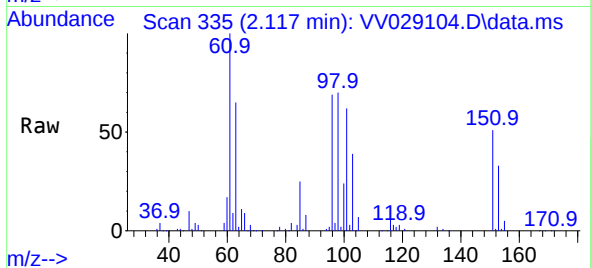




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.216 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

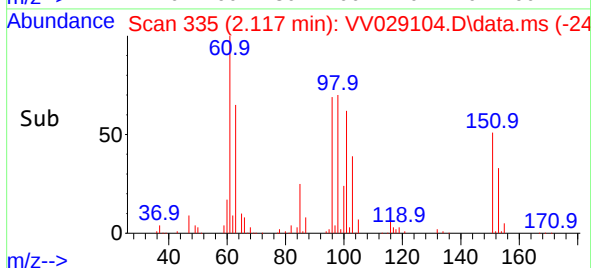
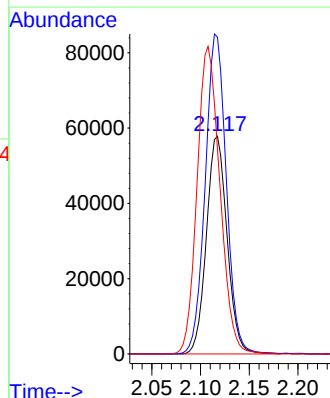
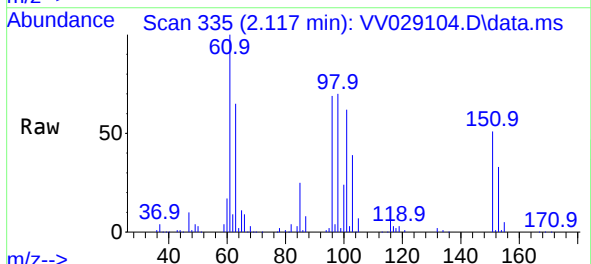
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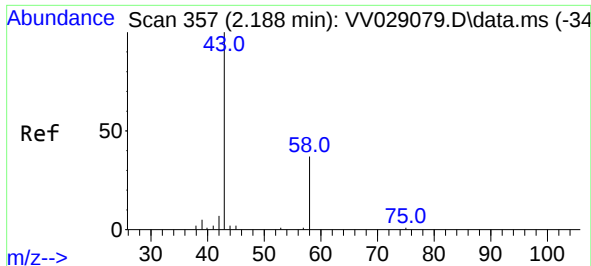
Tgt Ion:101 Resp: 88015
Ion Ratio Lower Upper
101 100
85 39.8 32.9 49.3
151 81.6 62.5 93.7



#12
1,1-Dichloroethene
Concen: 5.996 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 96 Resp: 85304
Ion Ratio Lower Upper
96 100
61 145.5 104.2 193.4
63 94.1 75.9 140.9





#13

Acetone

Concen: 56.515 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

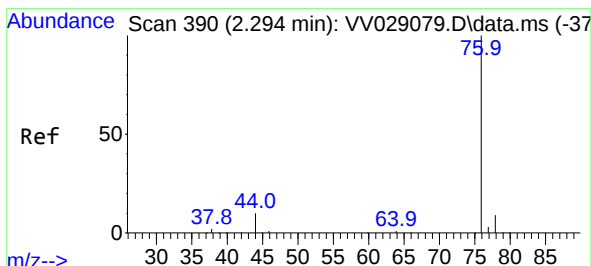
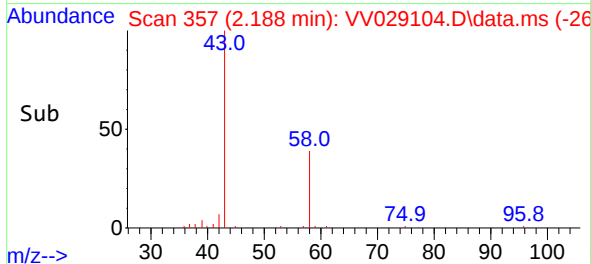
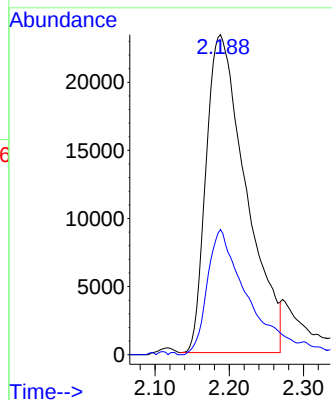
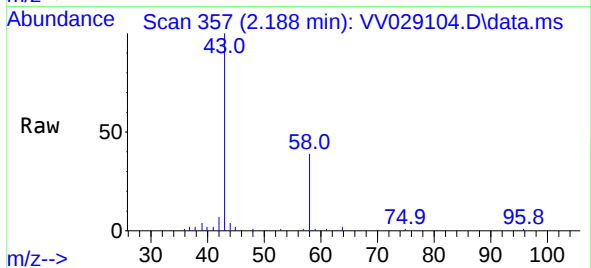
VSTD005354

Tgt Ion: 43 Resp: 87196

Ion Ratio Lower Upper

43 100

58 39.1 0.0 56.6



#14

Carbon disulfide

Concen: 5.396 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV029104.D

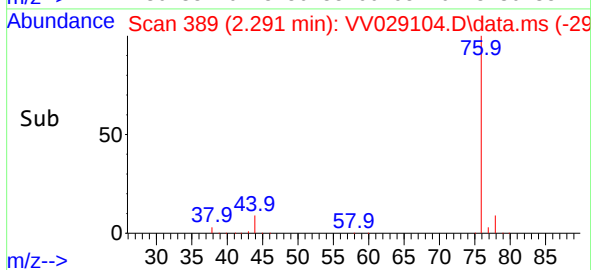
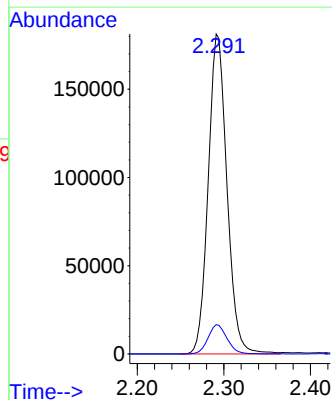
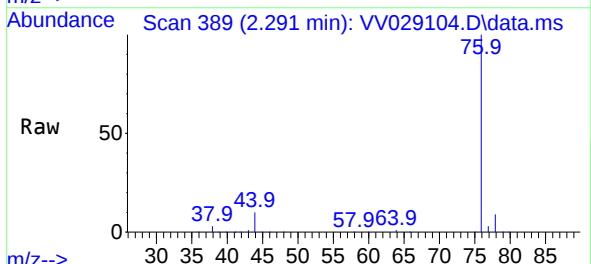
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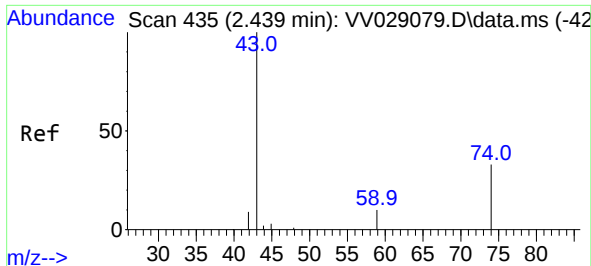
Tgt Ion: 76 Resp: 272643

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

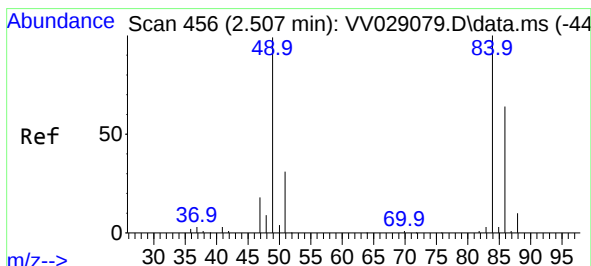
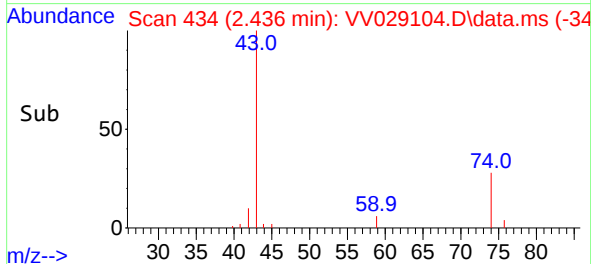
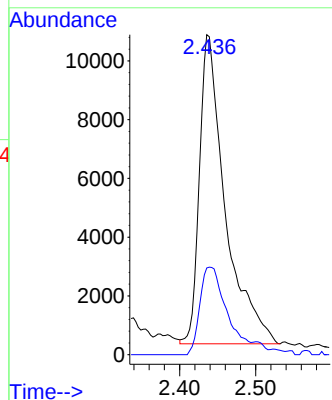
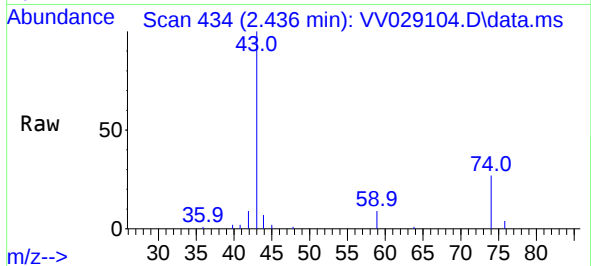




#15
Methyl Acetate
Concen: 6.609 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

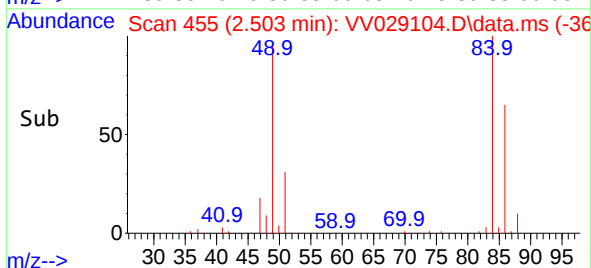
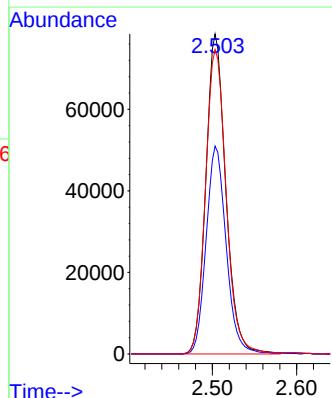
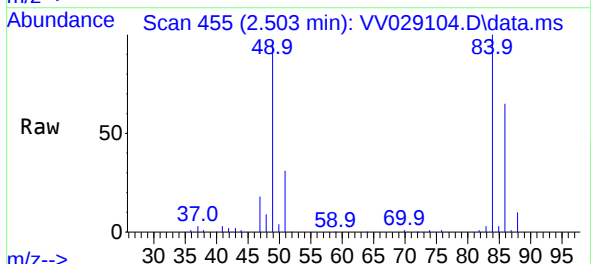
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

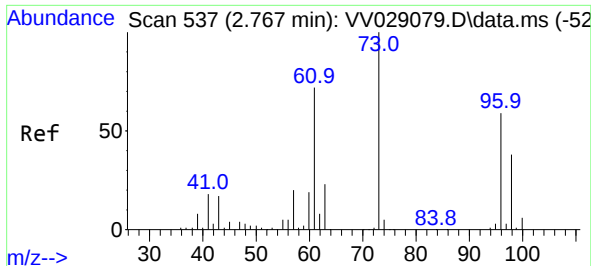
Tgt Ion: 43 Resp: 24748
Ion Ratio Lower Upper
43 100
74 29.5 24.6 37.0



#16
Methylene chloride
Concen: 7.040 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 84 Resp: 129507
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 95.1 75.5 140.1

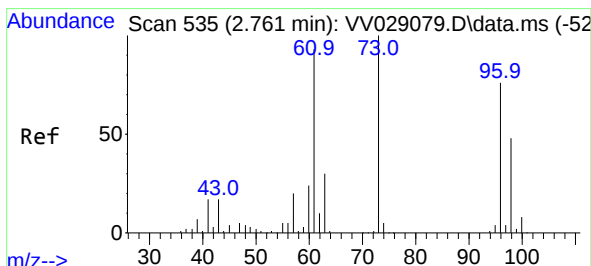
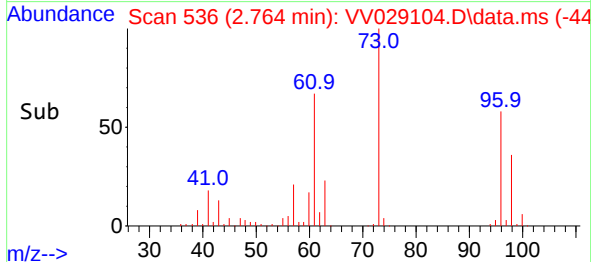
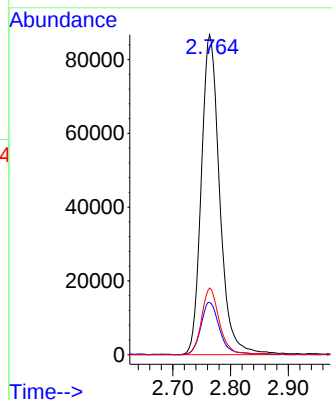
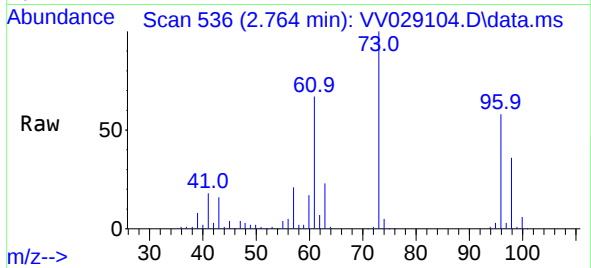




#17
Methyl tert-butyl Ether
Concen: 6.286 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

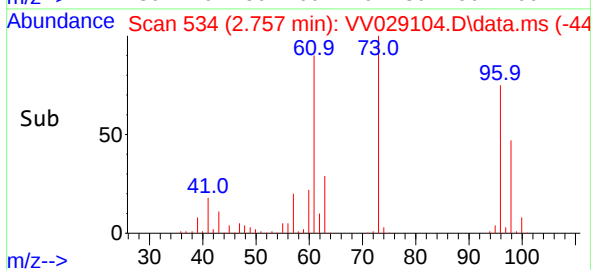
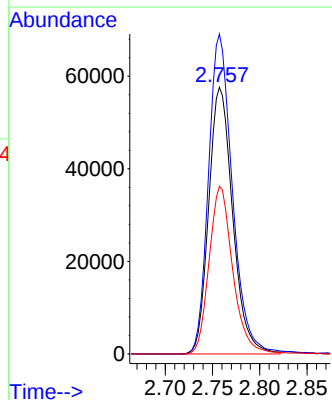
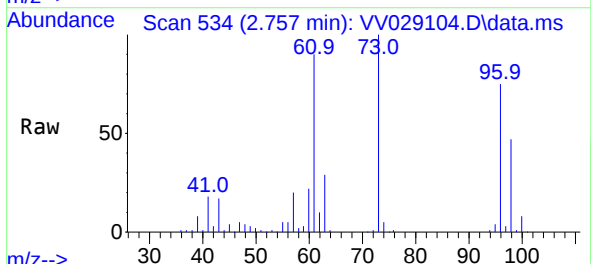
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

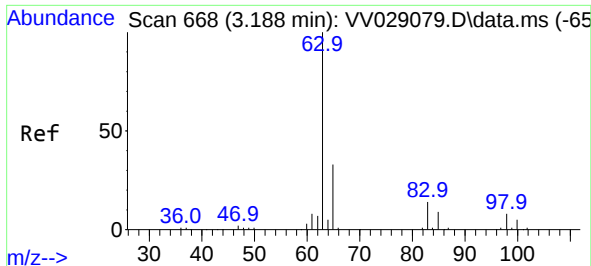
Tgt Ion: 73 Resp: 191736
Ion Ratio Lower Upper
73 100
43 16.6 13.0 19.4
57 20.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 6.161 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

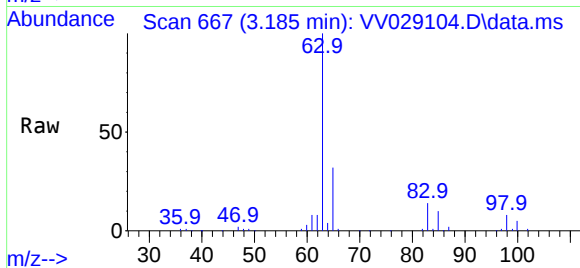
Tgt Ion: 96 Resp: 101659
Ion Ratio Lower Upper
96 100
61 119.9 91.8 170.6
98 62.9 46.4 86.2



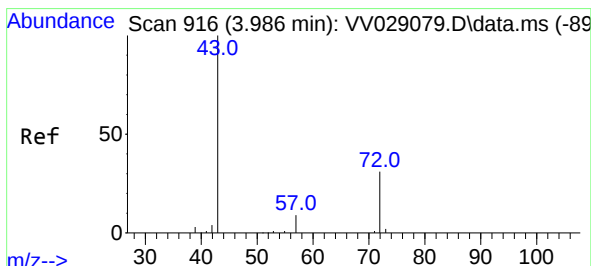
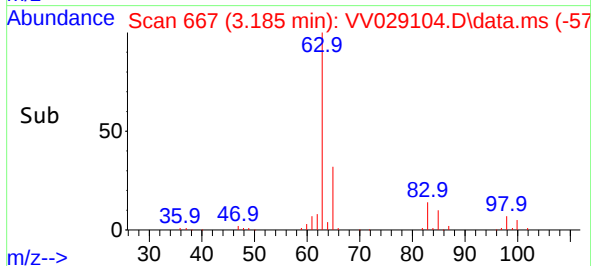
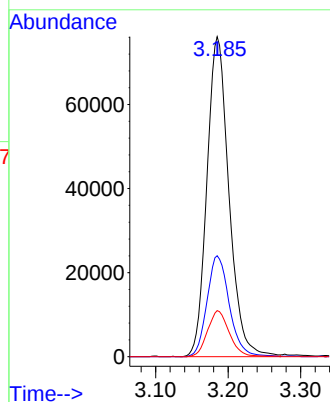


#19
1,1-Dichloroethane
Concen: 5.957 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

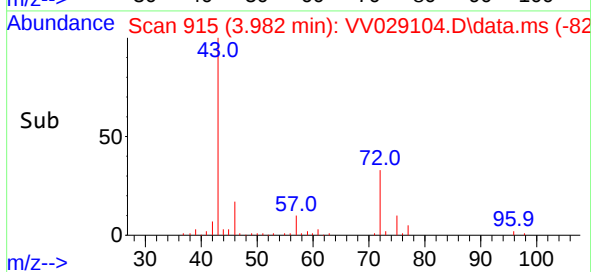
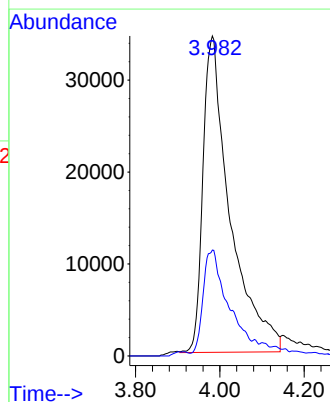
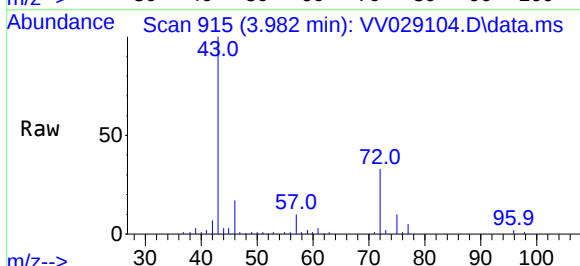


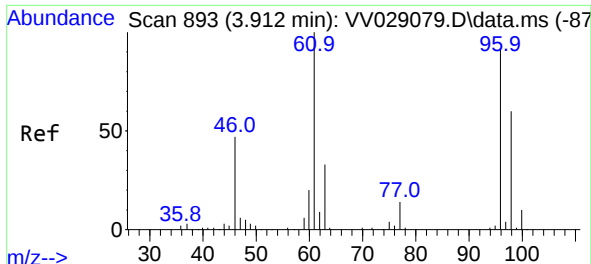
Tgt Ion: 63 Resp: 160695
Ion Ratio Lower Upper
63 100
65 31.6 23.0 42.6
83 14.4 9.4 17.6



#21
2-Butanone
Concen: 64.225 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 43 Resp: 153416
Ion Ratio Lower Upper
43 100
72 29.4 11.9 35.9

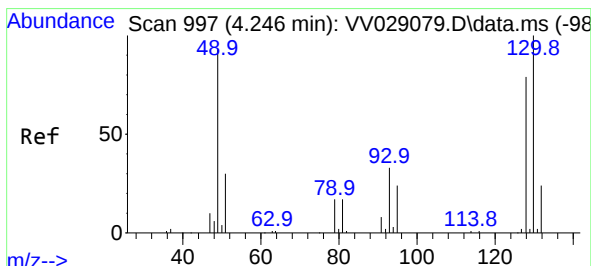
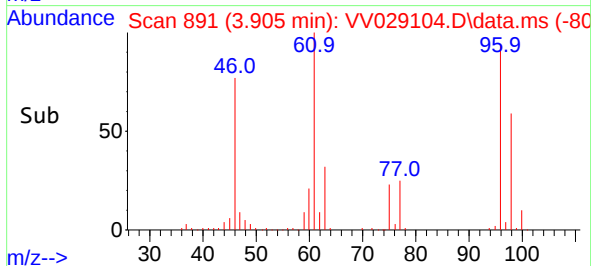
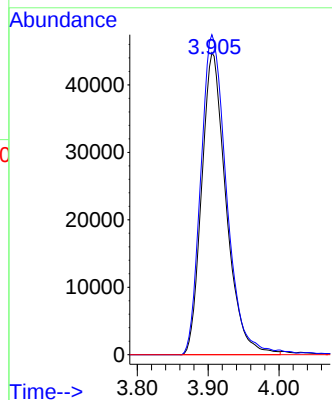
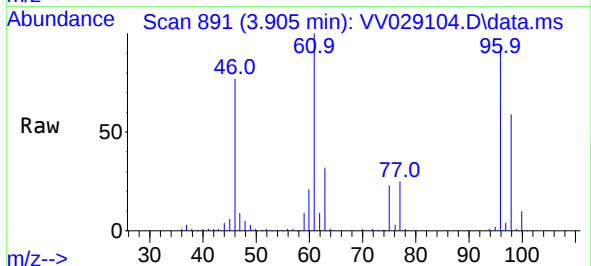




#22
 cis-1,2-Dichloroethene
 Concen: 6.392 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.007 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

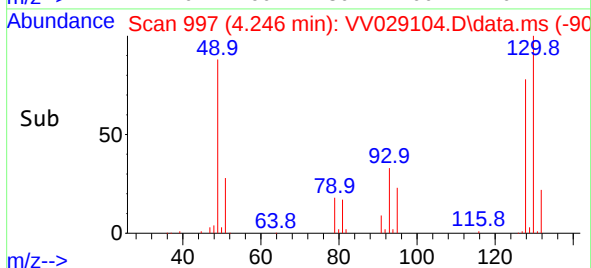
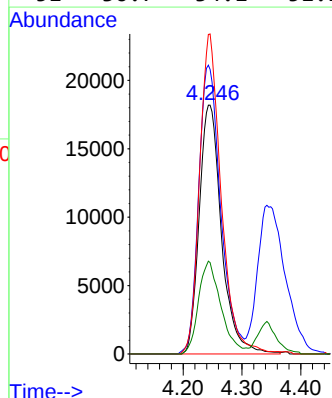
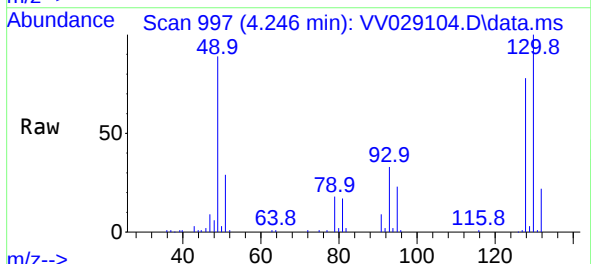
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

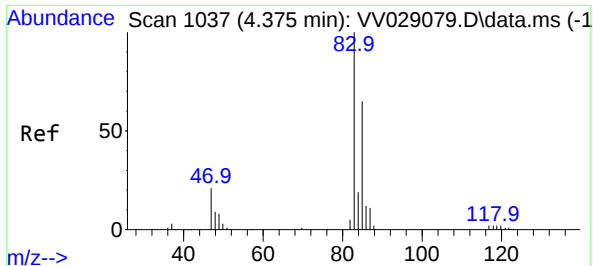
Tgt Ion: 96 Resp: 107223
 Ion Ratio Lower Upper
 96 100
 61 106.0 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 6.744 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV029104.D
 Acq: 18 Nov 2022 07:53

Tgt Ion: 128 Resp: 47851
 Ion Ratio Lower Upper
 128 100
 49 114.3 89.5 166.1
 130 128.6 84.4 156.8
 51 36.7 34.1 51.1





#25

Chloroform

Concen: 6.173 ug/L

RT: 4.371 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

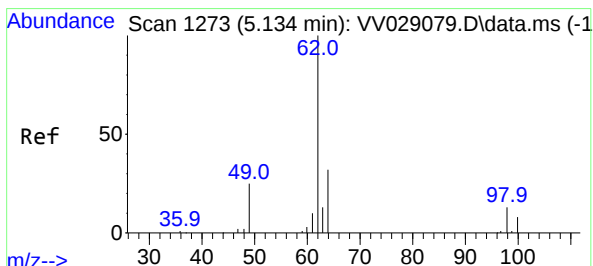
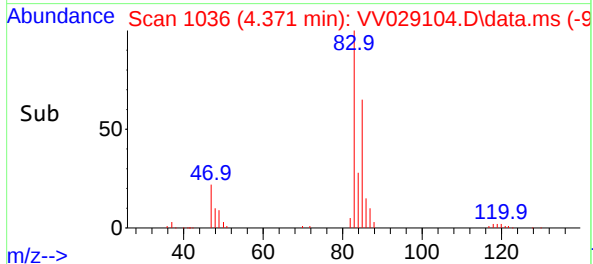
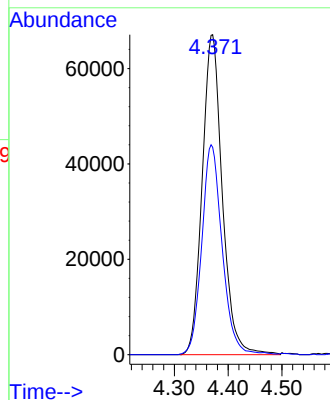
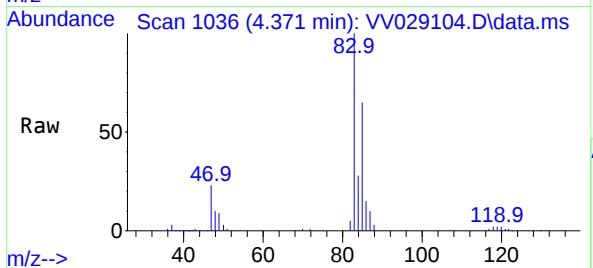
VSTD005354

Tgt Ion: 83 Resp: 174563

Ion Ratio Lower Upper

83 100

85 64.8 43.7 81.1



#27

1,2-Dichloroethane

Concen: 6.255 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.007 min

Lab File: VV029104.D

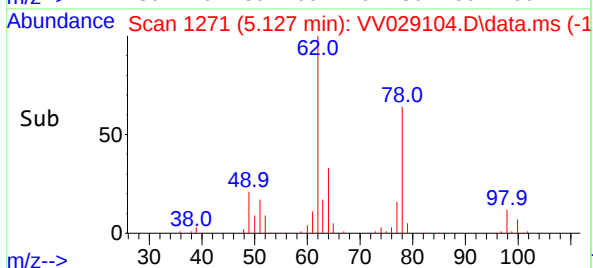
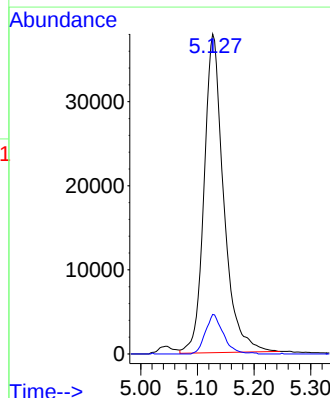
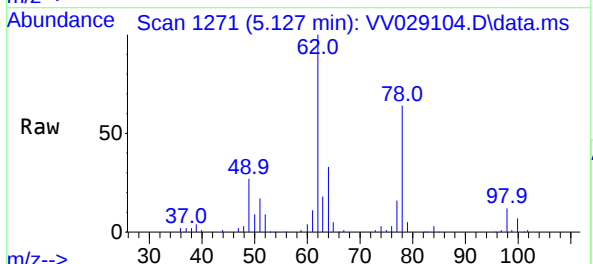
Acq: 18 Nov 2022 07:53

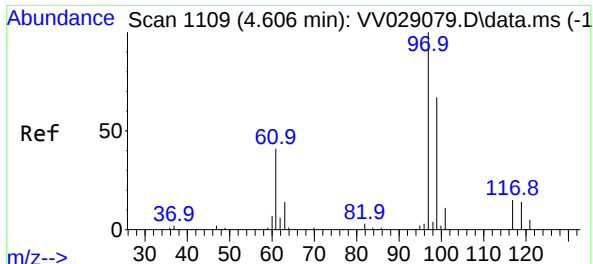
Tgt Ion: 62 Resp: 91108

Ion Ratio Lower Upper

62 100

98 12.3 9.0 13.6

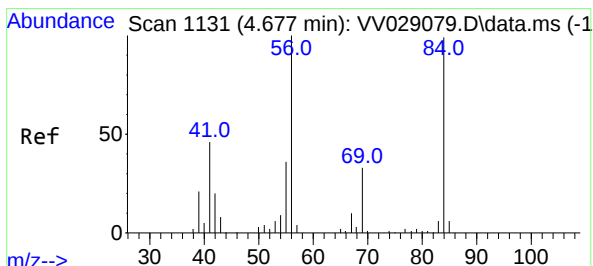
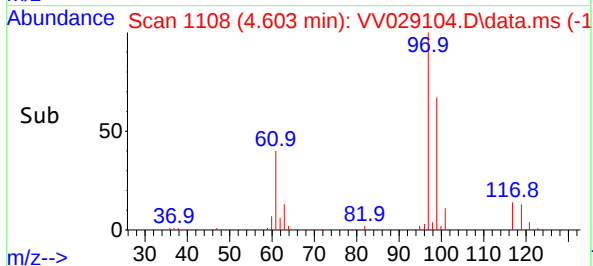
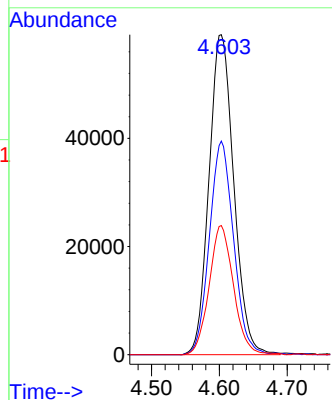
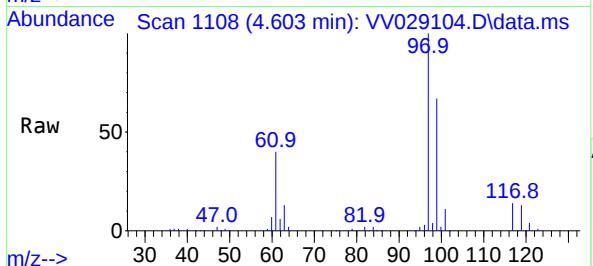




#29
1,1,1-Trichloroethane
Concen: 5.933 ug/L
RT: 4.603 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

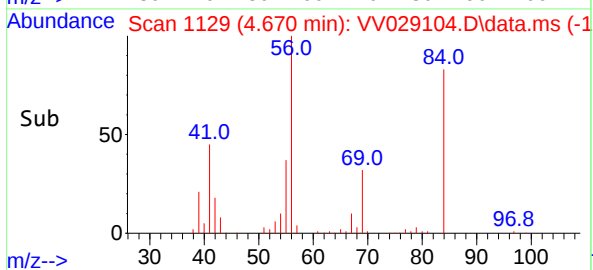
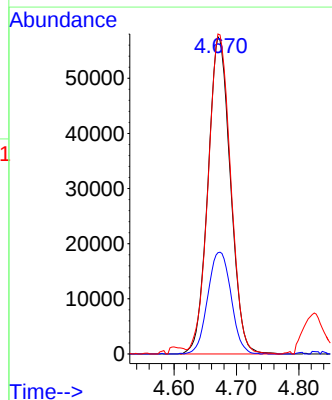
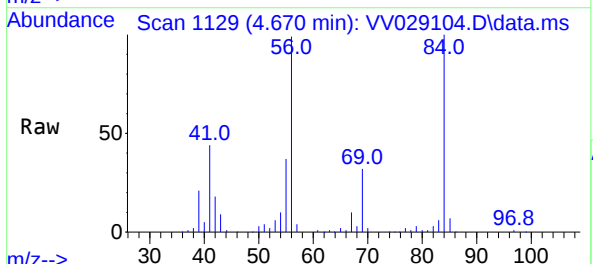
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

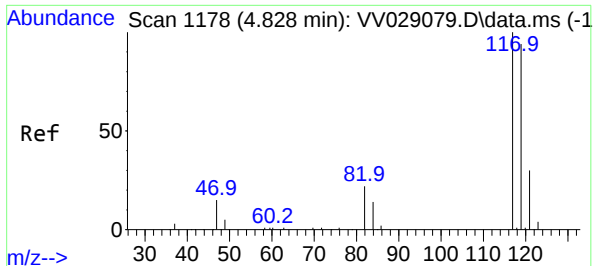
Tgt Ion: 97 Resp: 150442
Ion Ratio Lower Upper
97 100
99 65.0 52.7 79.1
61 39.7 33.8 50.6



#30
Cyclohexane
Concen: 5.582 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.007 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 56 Resp: 143849
Ion Ratio Lower Upper
56 100
69 33.3 26.1 39.1
84 101.3 77.9 116.9

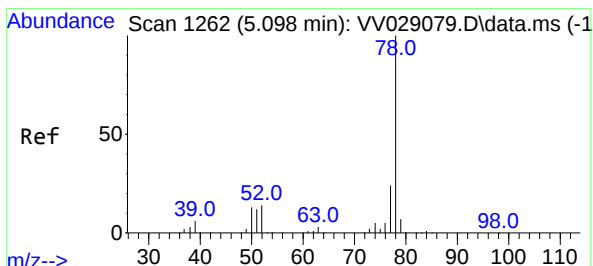
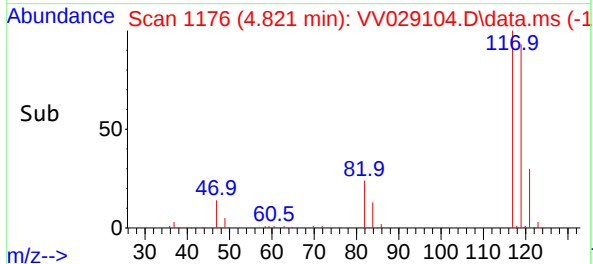
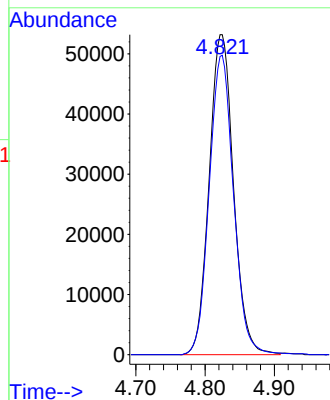
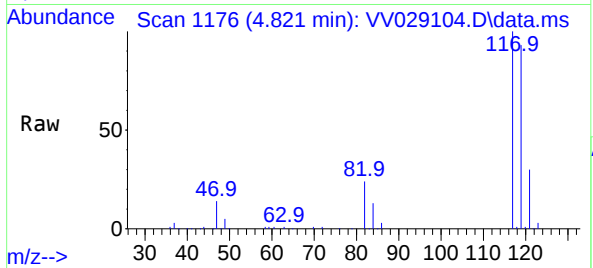




#31
Carbon tetrachloride
Concen: 5.944 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

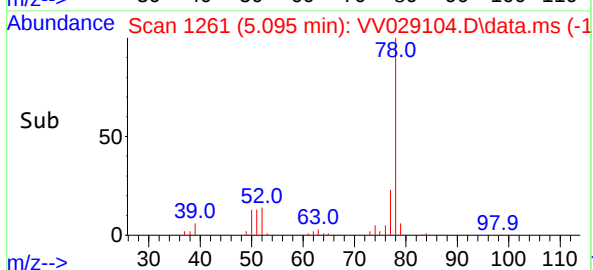
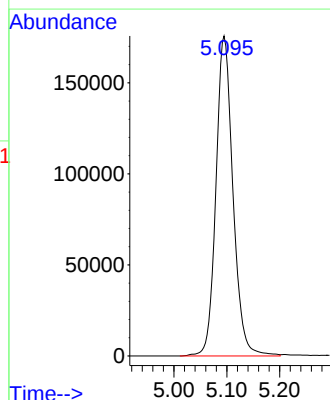
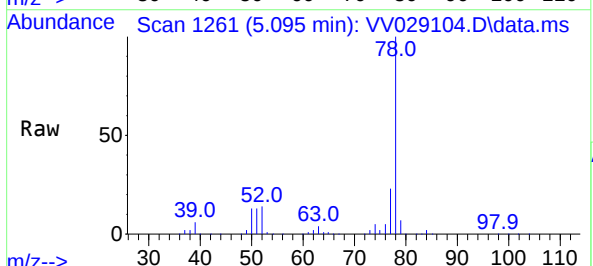
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

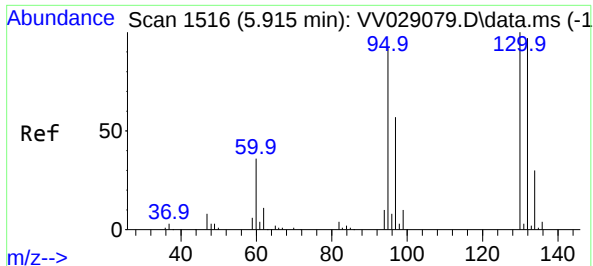
Tgt Ion:117 Resp: 129793
Ion Ratio Lower Upper
117 100
119 93.5 77.0 115.6



#33
Benzene
Concen: 5.964 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 78 Resp: 393842

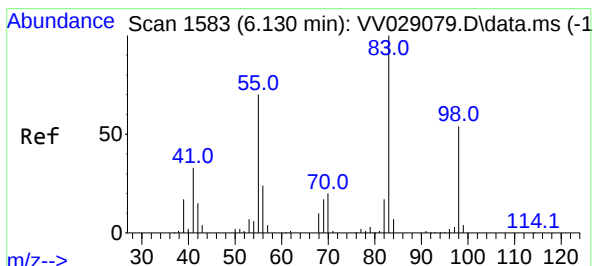
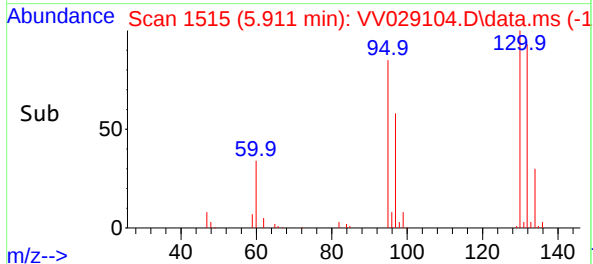
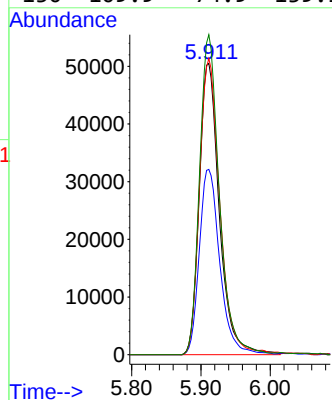
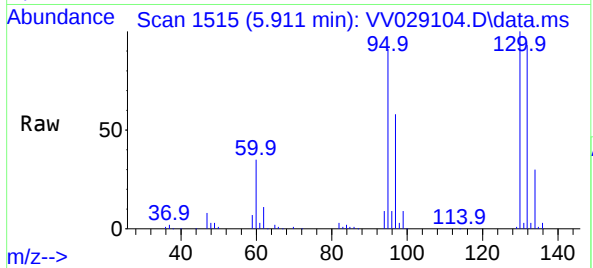




#34
Trichloroethene
Concen: 6.015 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

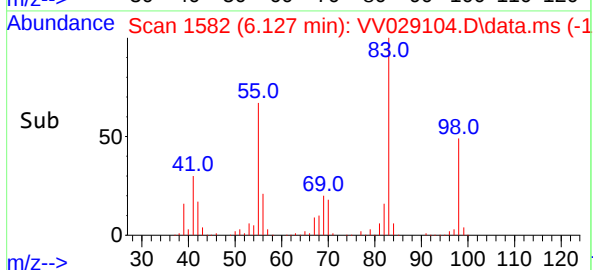
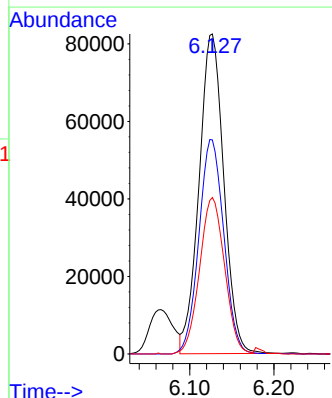
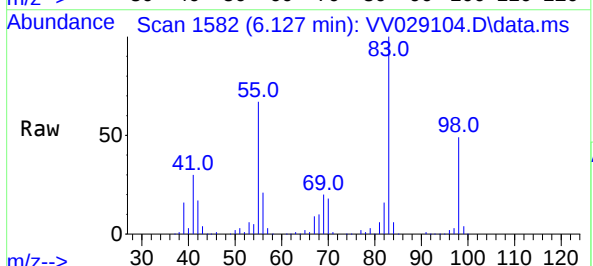
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

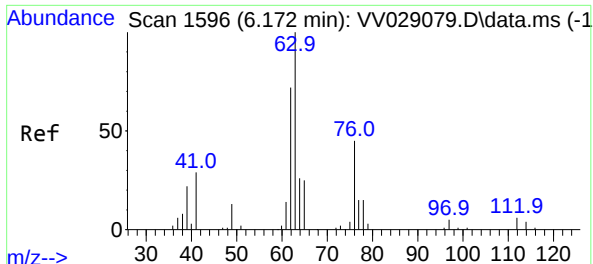
Tgt Ion: 95 Resp: 101680
Ion Ratio Lower Upper
95 100
97 63.6 45.6 84.8
132 101.7 69.1 128.3
130 109.9 74.9 139.1



#35
Methylcyclohexane
Concen: 5.681 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 83 Resp: 168773
Ion Ratio Lower Upper
83 100
55 67.5 55.8 83.6
98 49.5 38.2 57.2

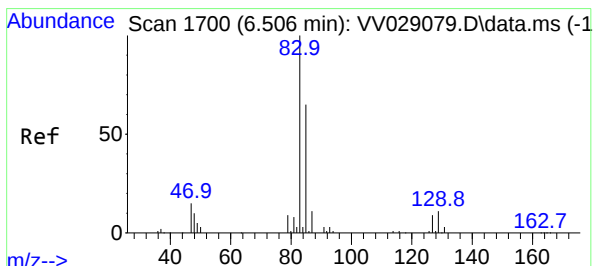
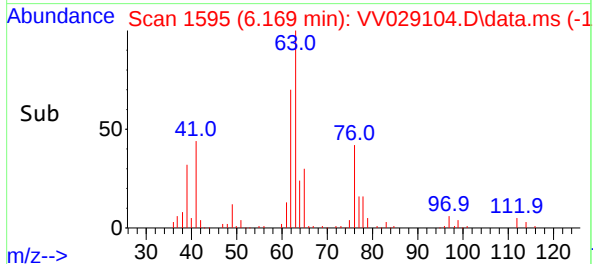
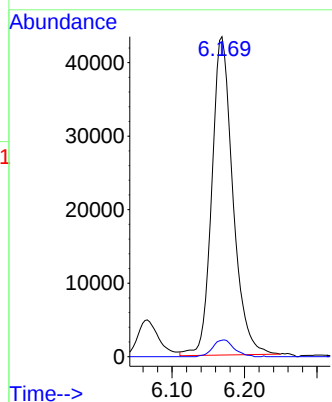
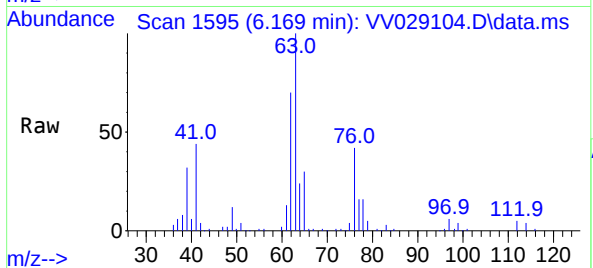




#37
1,2-Dichloropropane
Concen: 5.745 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

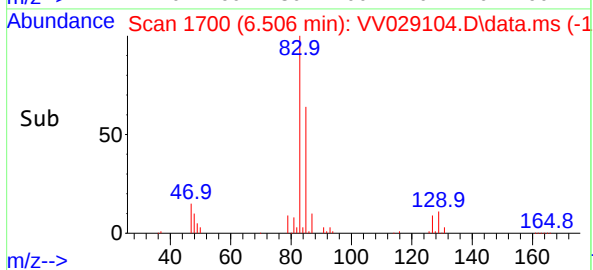
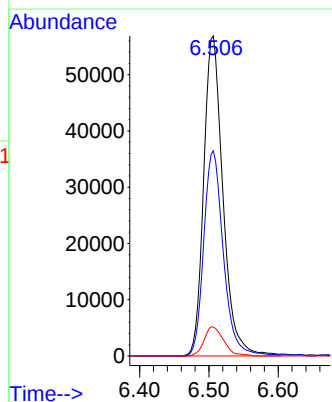
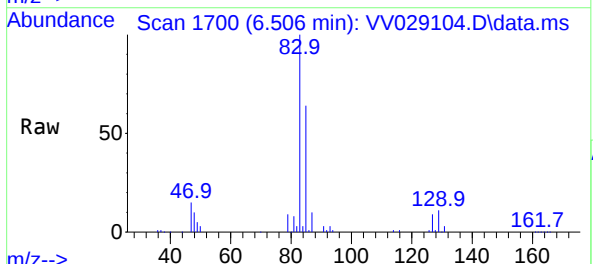
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

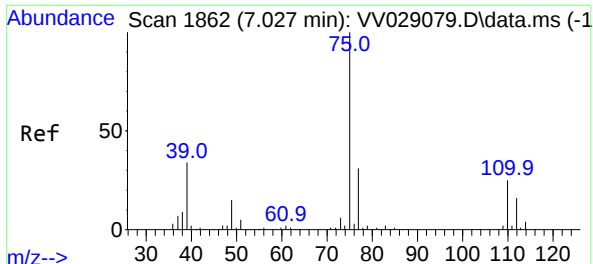
Tgt Ion: 63 Resp: 87481
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0



#38
Bromodichloromethane
Concen: 5.705 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 83 Resp: 110019
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.5
127 9.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.309 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

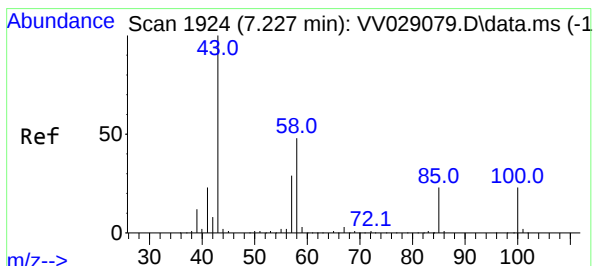
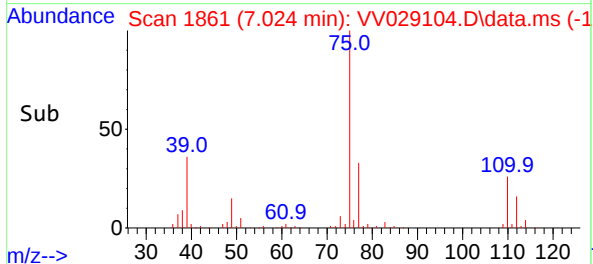
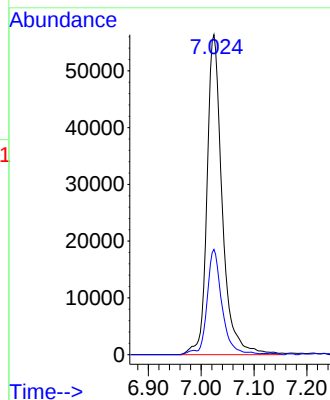
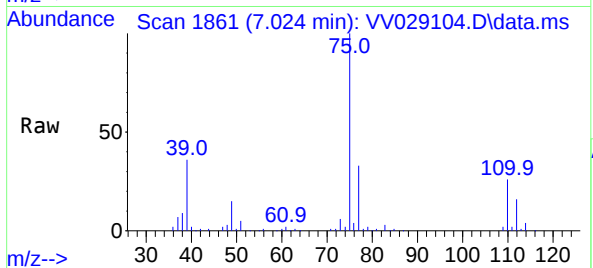
VSTD005354

Tgt Ion: 75 Resp: 112870

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 60.709 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

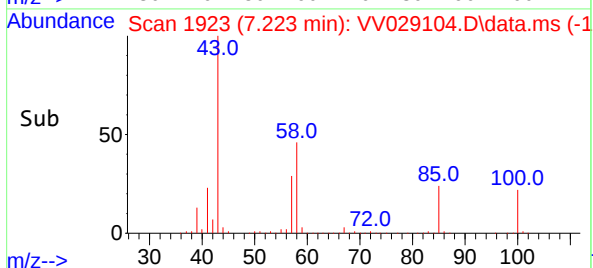
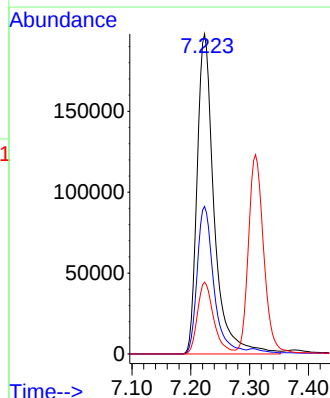
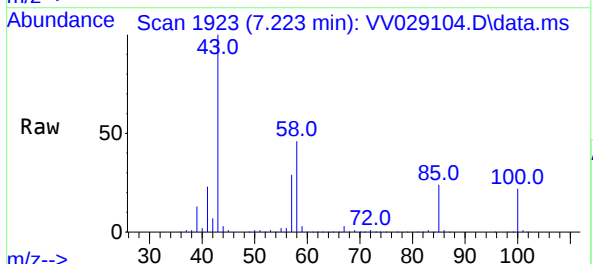
Tgt Ion: 43 Resp: 397731

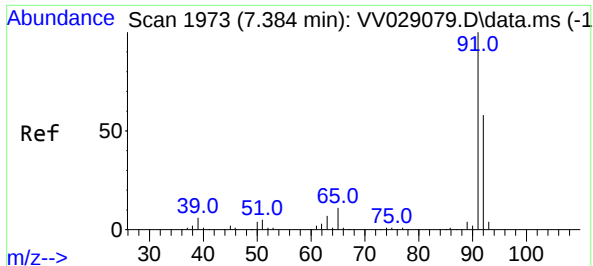
Ion Ratio Lower Upper

43 100

58 45.1 36.6 55.0

100 21.4 14.5 21.7





#42

Toluene

Concen: 6.123 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

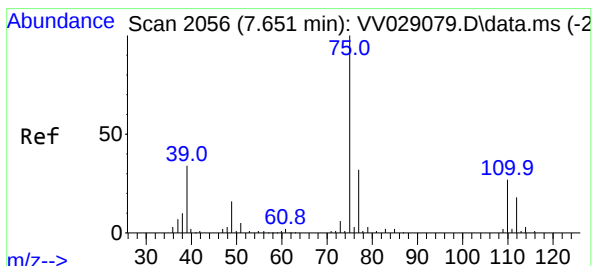
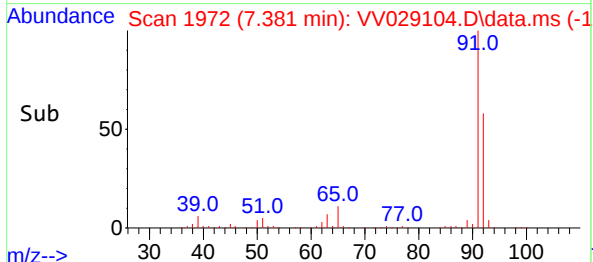
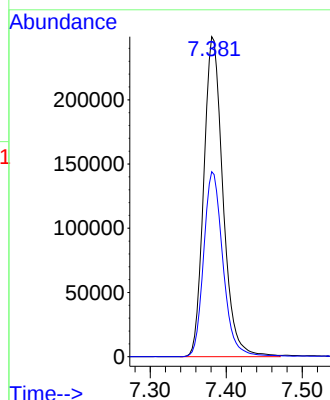
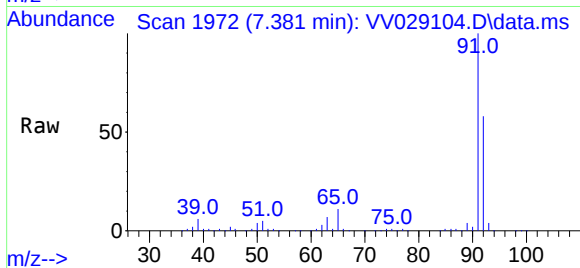
VSTD005354

Tgt Ion: 91 Resp: 436806

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV029104.D

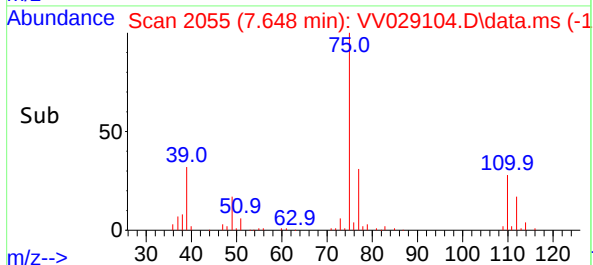
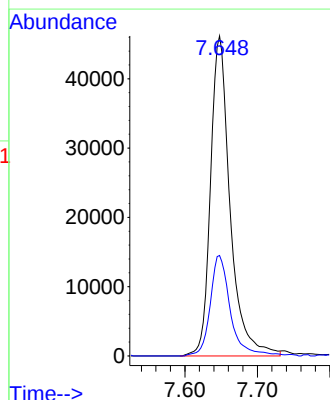
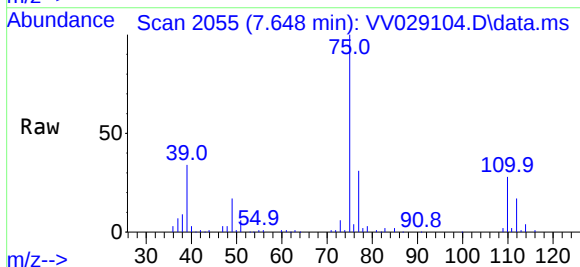
Acq: 18 Nov 2022 07:53

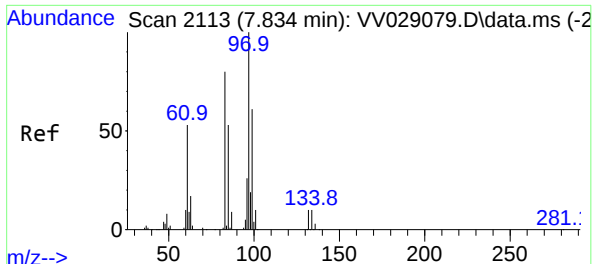
Tgt Ion: 75 Resp: 86764

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2



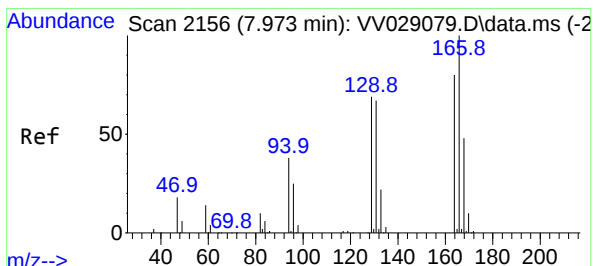
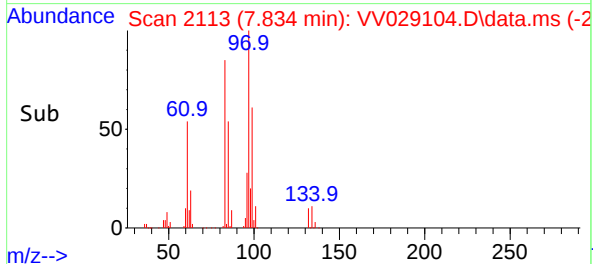
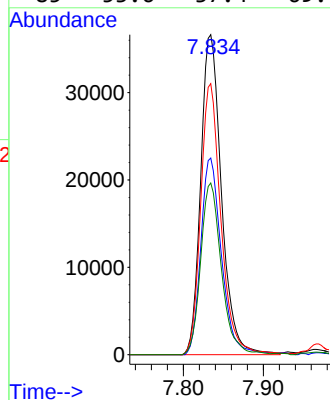
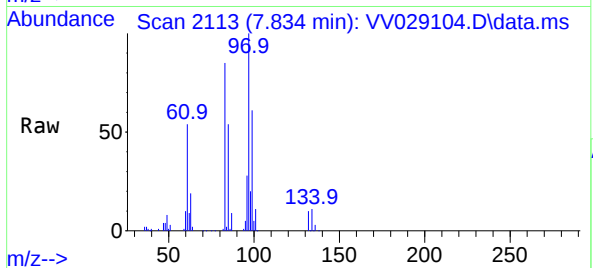


#45
1,1,2-Trichloroethane
Concen: 6.656 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion: 97 Resp: 66346

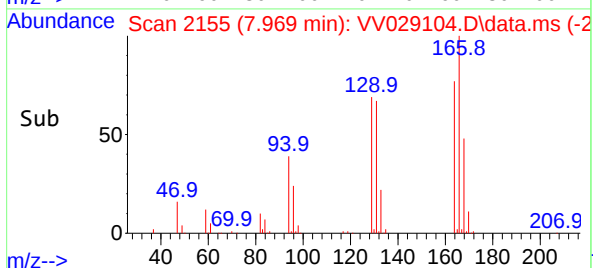
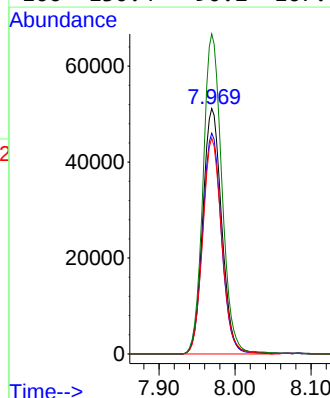
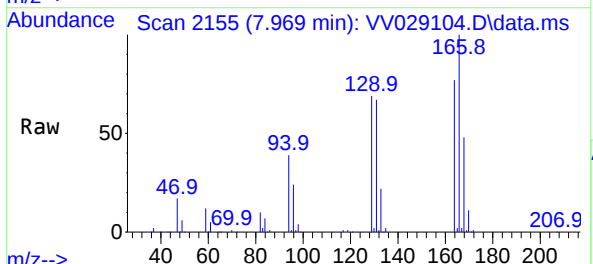
Ion	Ratio	Lower	Upper
97	100		
99	61.4	41.5	77.1
83	84.7	60.0	111.4
85	53.6	37.4	69.4

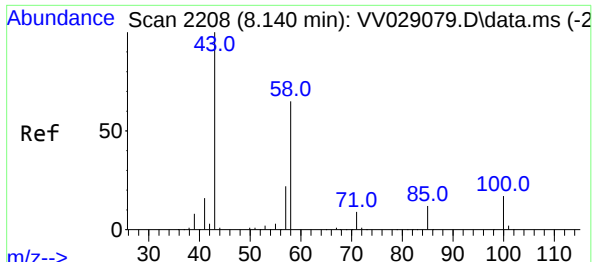


#47
Tetrachloroethene
Concen: 6.539 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 164 Resp: 88516

Ion	Ratio	Lower	Upper
164	100		
129	89.9	63.9	118.7
131	87.9	61.8	114.8
166	130.4	90.2	167.4



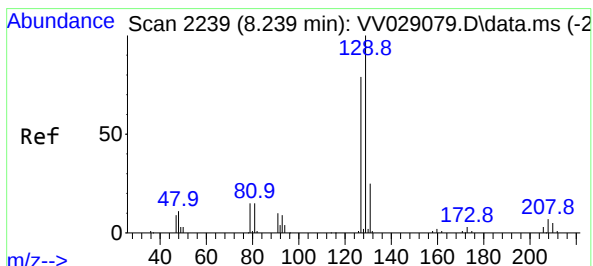
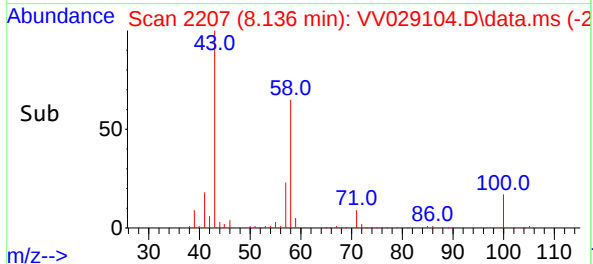
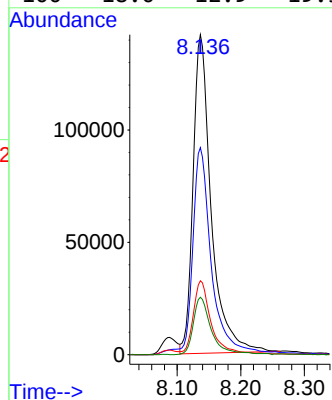
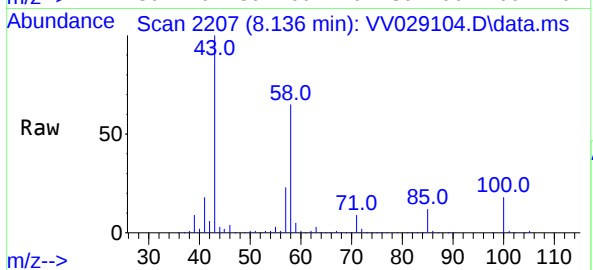


#48
2-Hexanone
Concen: 61.359 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion: 43 Resp: 281592

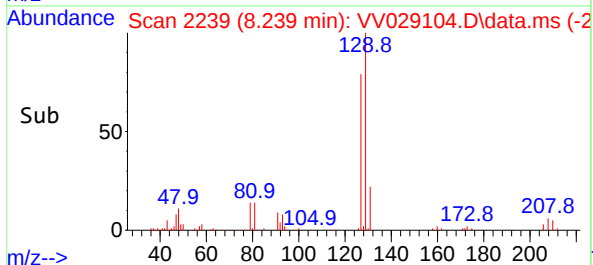
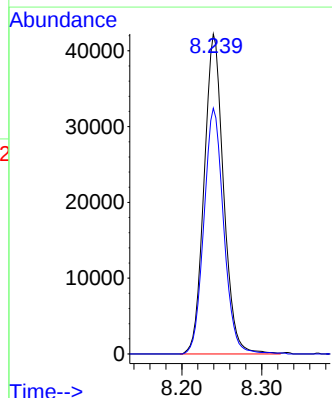
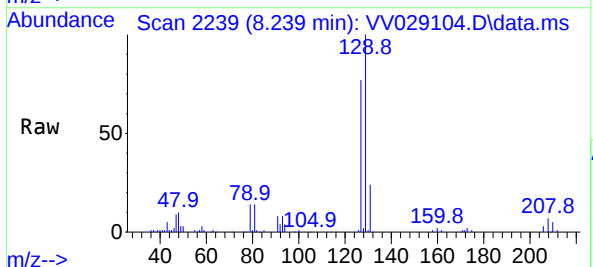
Ion	Ratio	Lower	Upper
43	100		
58	67.7	50.2	75.4
57	21.8	17.8	26.8
100	18.0	12.9	19.3

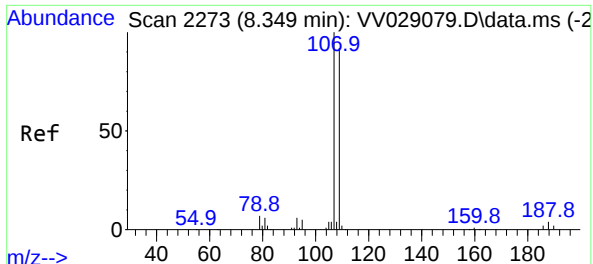


#49
Dibromochloromethane
Concen: 5.926 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 129 Resp: 71413

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.5	101.1

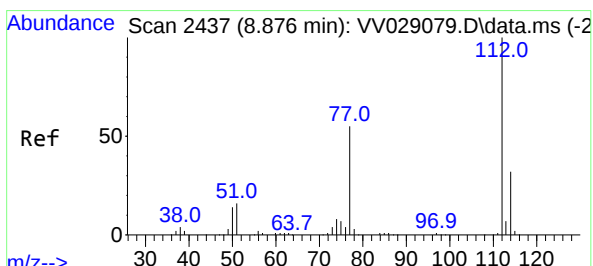
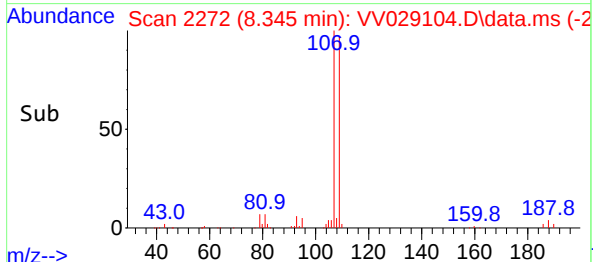
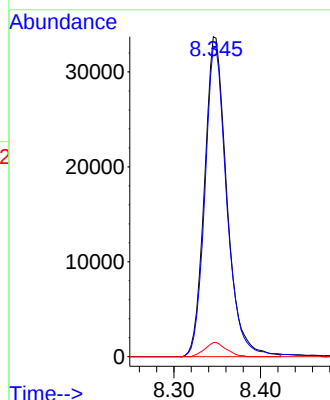
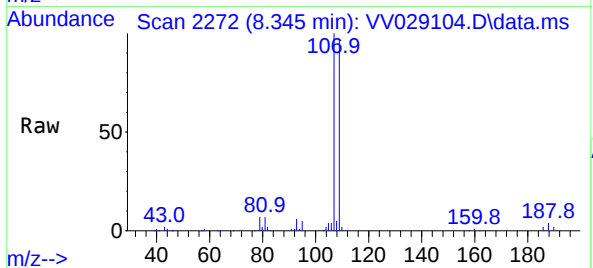




#50
1,2-Dibromoethane
Concen: 6.525 ug/L
RT: 8.345 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

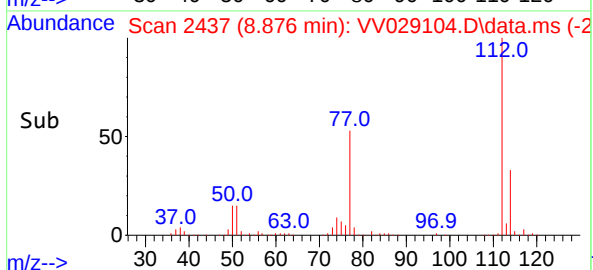
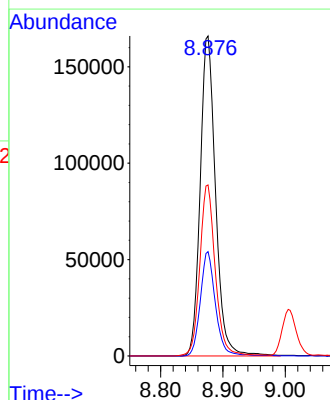
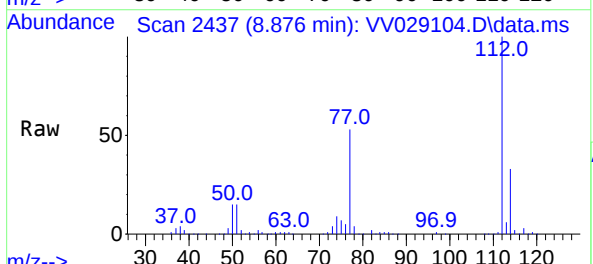
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

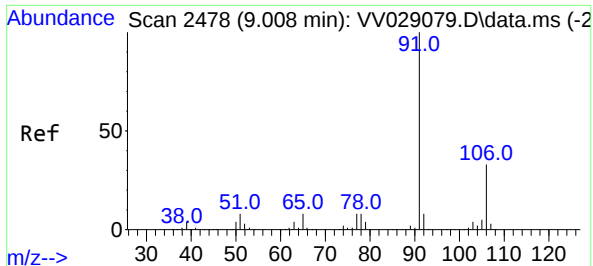
Tgt Ion:107 Resp: 60421
Ion Ratio Lower Upper
107 100
109 97.0 64.4 119.6
188 4.4 2.9 4.3#



#51
Chlorobenzene
Concen: 6.446 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion:112 Resp: 284301
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 53.5 44.4 66.6

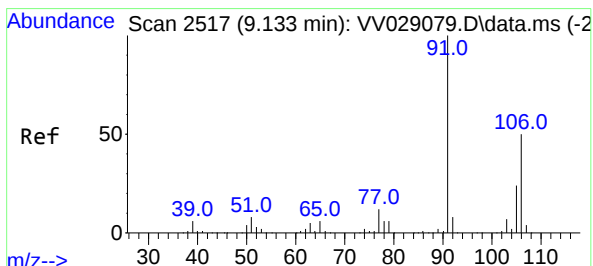
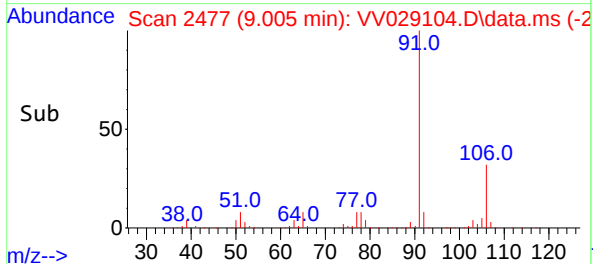
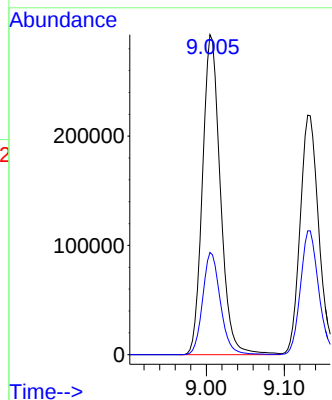
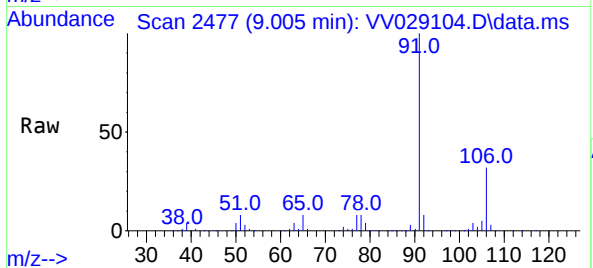




#52
Ethylbenzene
Concen: 6.287 ug/L
RT: 9.005 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

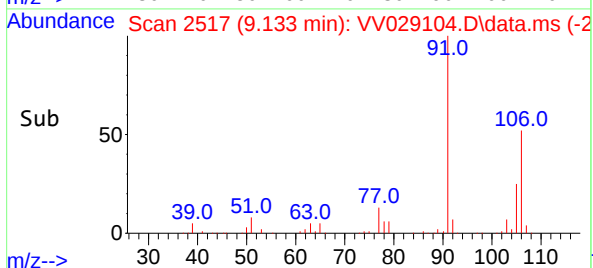
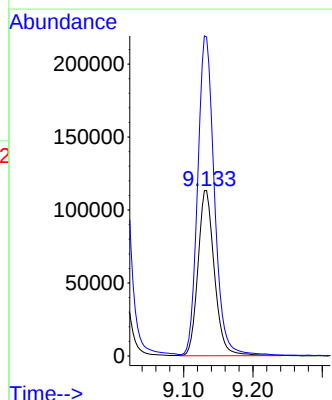
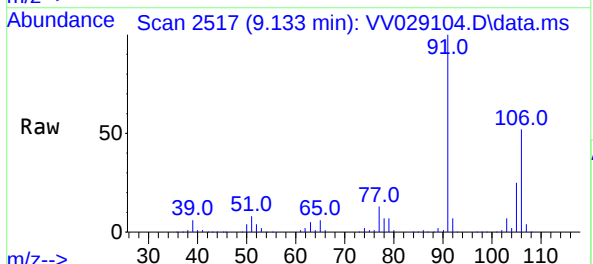
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

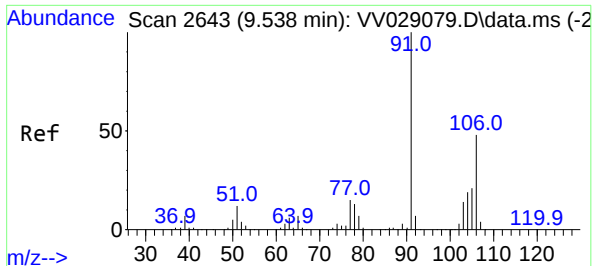
Tgt Ion: 91 Resp: 466917
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 6.316 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 106 Resp: 186548
Ion Ratio Lower Upper
106 100
91 192.9 139.1 258.3





#54

o-Xylene

Concen: 6.511 ug/L

RT: 9.535 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

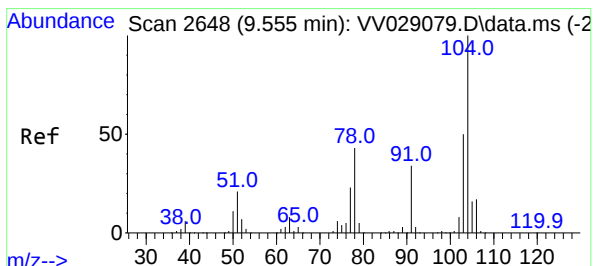
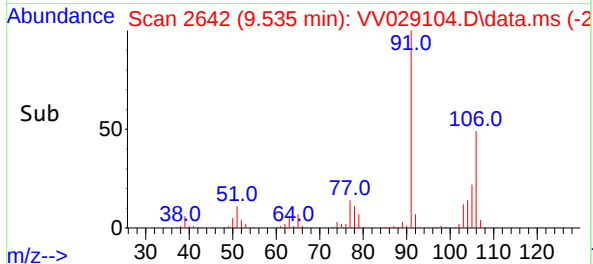
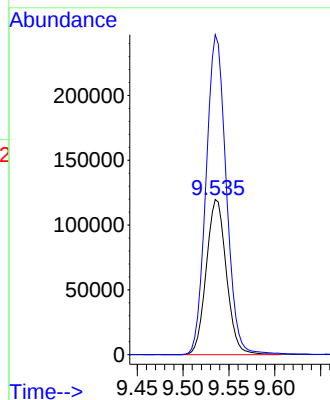
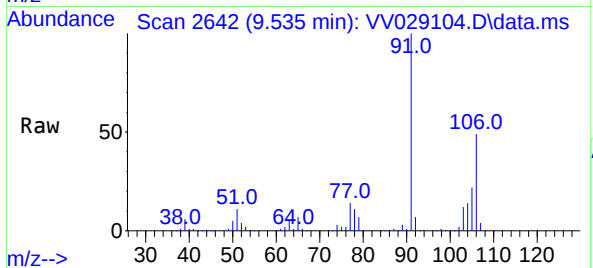
VSTD005354

Tgt Ion:106 Resp: 182812

Ion Ratio Lower Upper

106 100

91 206.1 145.7 270.7



#55

Styrene

Concen: 6.579 ug/L

RT: 9.554 min Scan# 2648

Delta R.T. -0.000 min

Lab File: VV029104.D

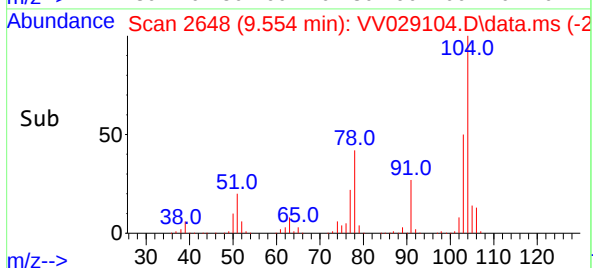
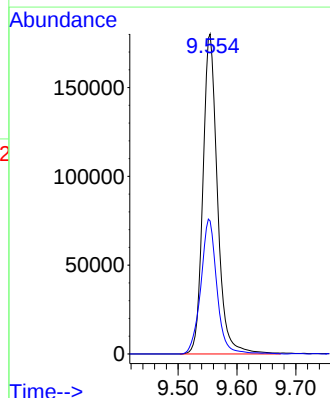
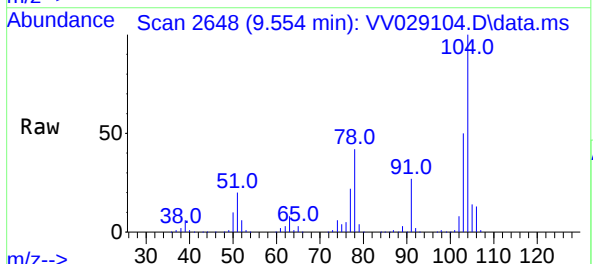
Acq: 18 Nov 2022 07:53

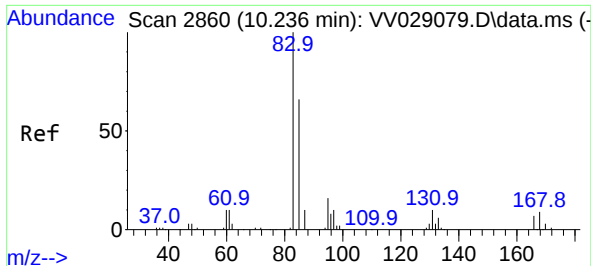
Tgt Ion:104 Resp: 309827

Ion Ratio Lower Upper

104 100

78 41.5 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.407 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

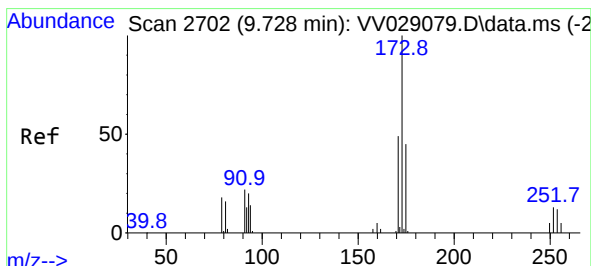
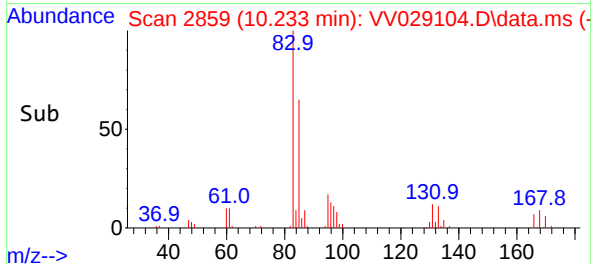
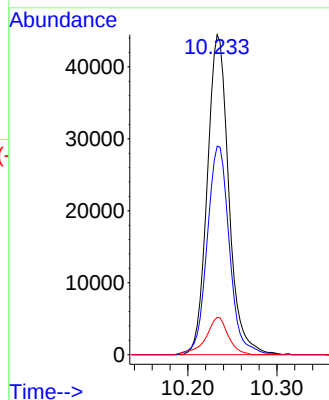
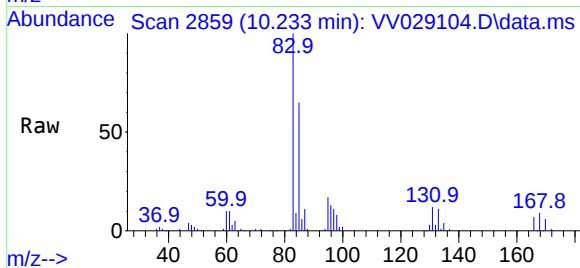
Tgt Ion: 83 Resp: 74444

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0

131 11.7 7.5 11.3#



#59

Bromoform

Concen: 6.006 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.003 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

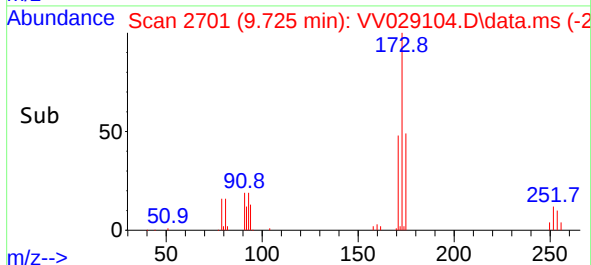
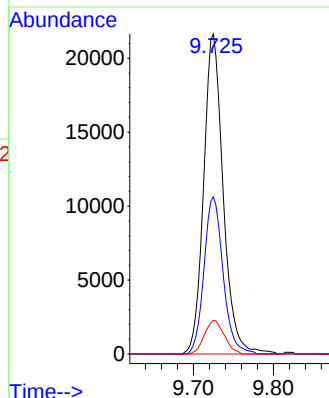
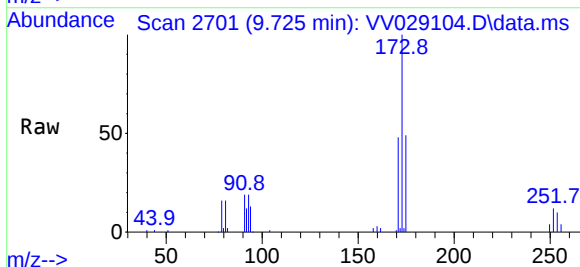
Tgt Ion: 173 Resp: 36796

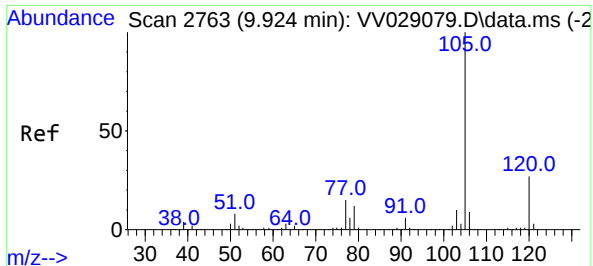
Ion Ratio Lower Upper

173 100

175 47.9 38.2 57.4

254 10.6 8.5 12.7

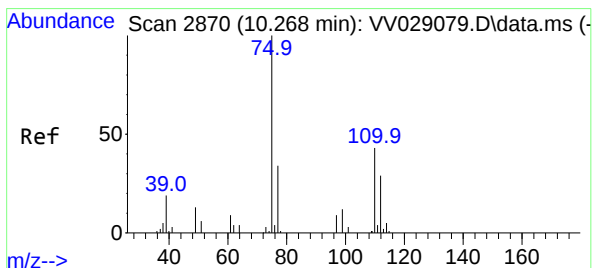
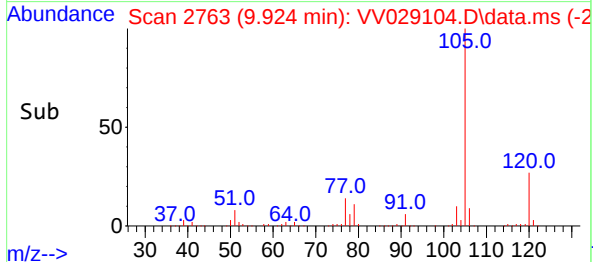
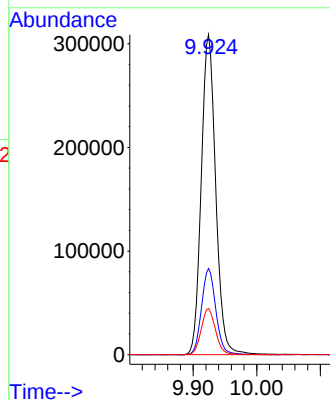
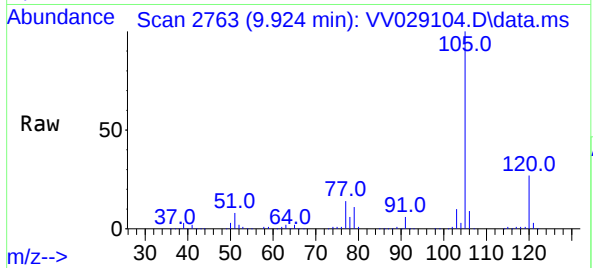




#60
Isopropylbenzene
Concen: 6.682 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

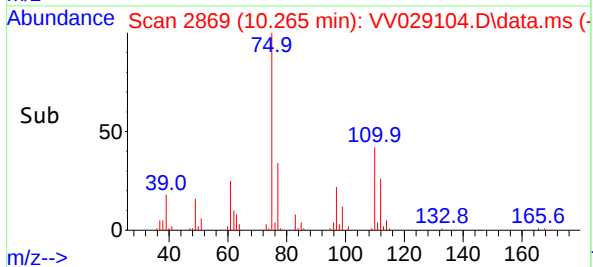
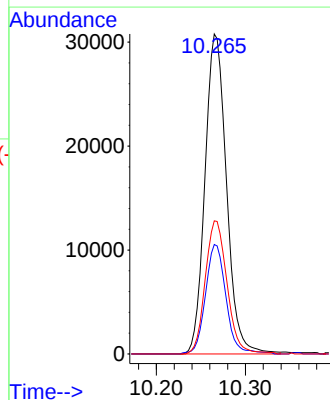
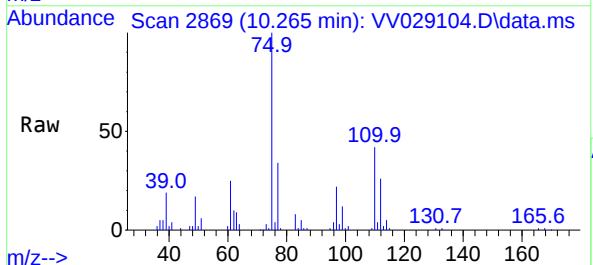
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

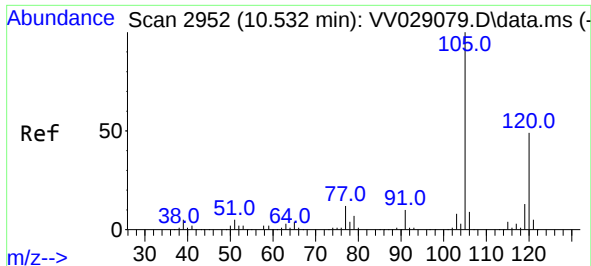
Tgt Ion:105 Resp: 487431
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 6.734 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion: 75 Resp: 51720
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.0 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 6.579 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

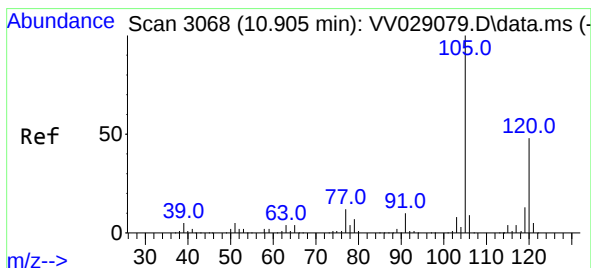
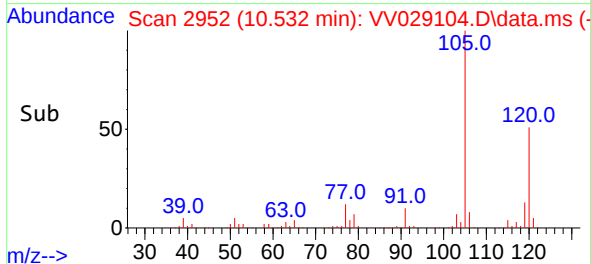
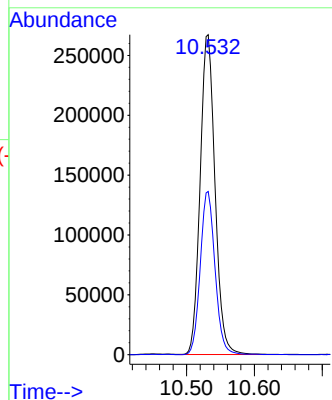
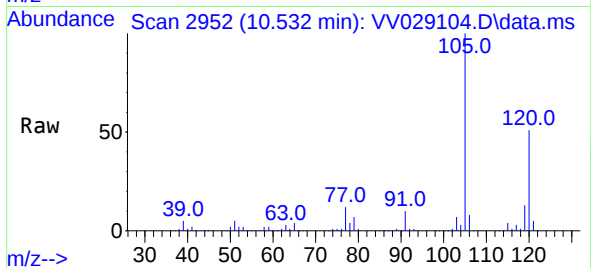
VSTD005354

Tgt Ion:105 Resp: 406594

Ion Ratio Lower Upper

105 100

120 50.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 6.597 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029104.D

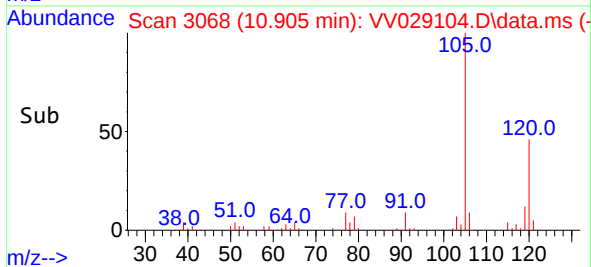
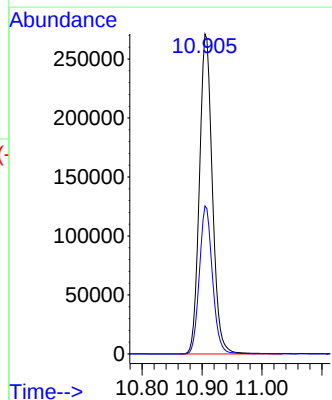
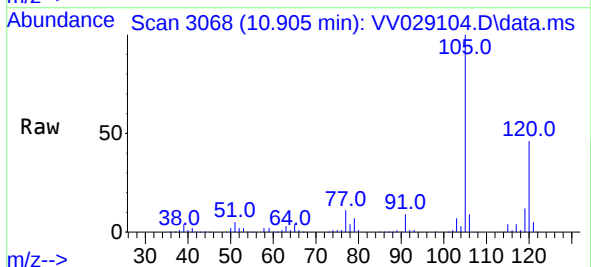
Acq: 18 Nov 2022 07:53

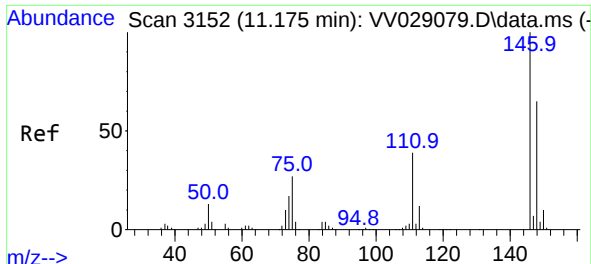
Tgt Ion:105 Resp: 408394

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8

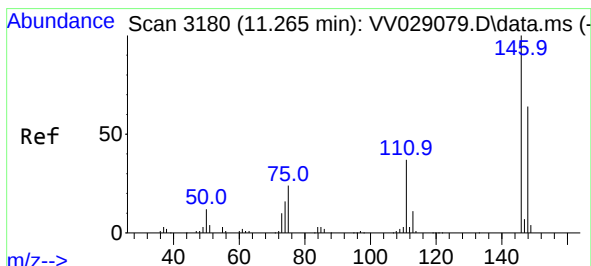
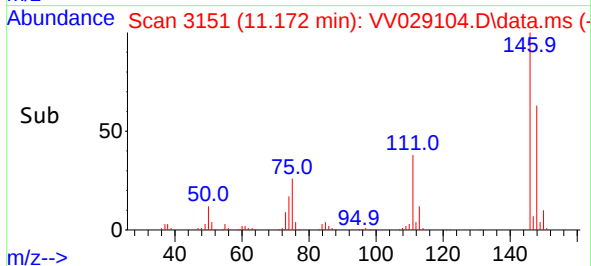
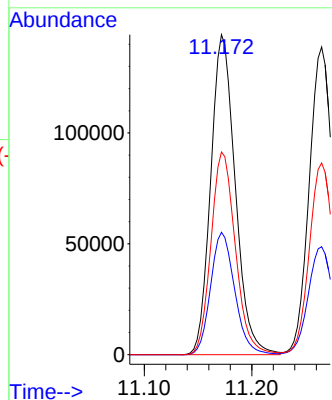
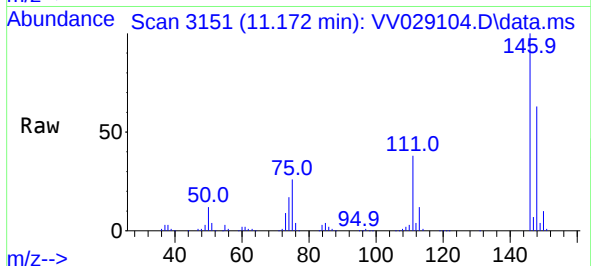




#64
1,3-Dichlorobenzene
Concen: 6.666 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

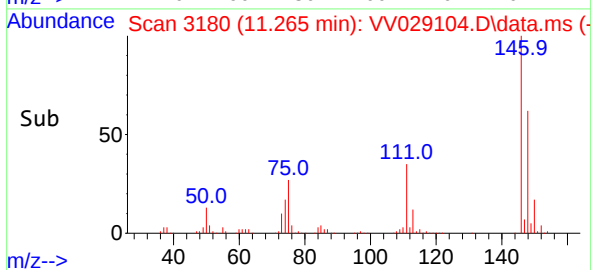
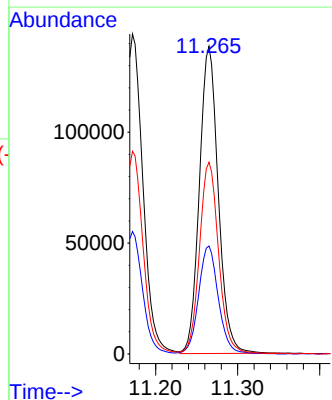
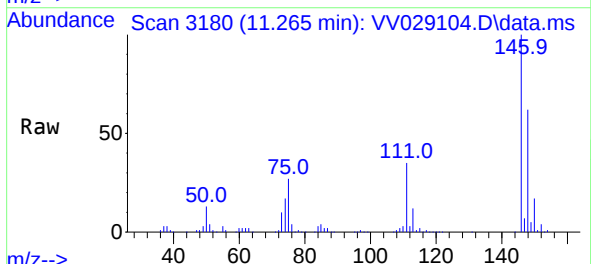
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

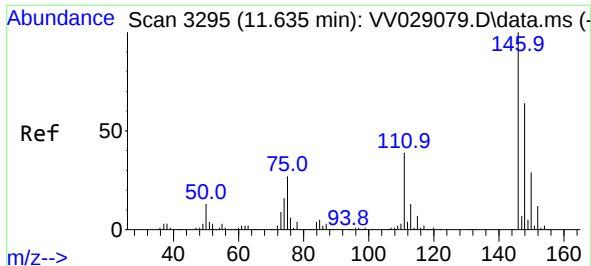
Tgt Ion:146 Resp: 228499
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 63.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 6.426 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion:146 Resp: 221426
Ion Ratio Lower Upper
146 100
111 35.1 26.5 49.3
148 62.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 6.625 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

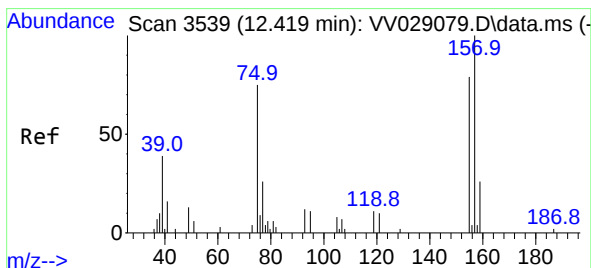
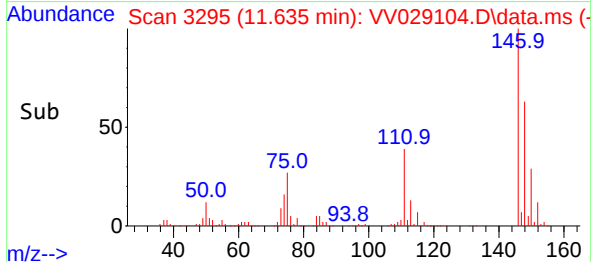
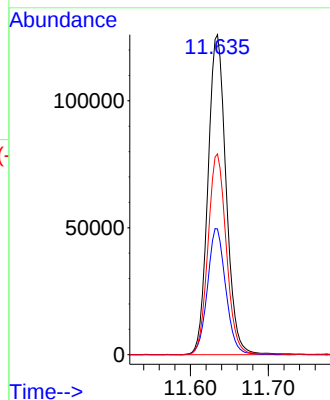
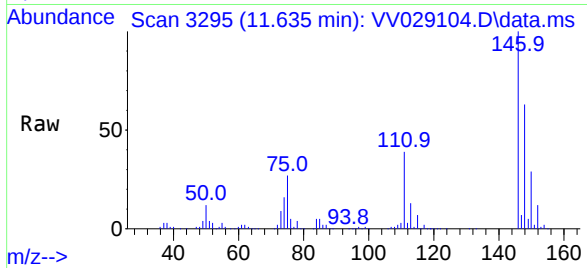
Tgt Ion:146 Resp: 204029

Ion Ratio Lower Upper

146 100

111 39.3 32.4 48.6

148 62.8 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.087 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029104.D

Acq: 18 Nov 2022 07:53

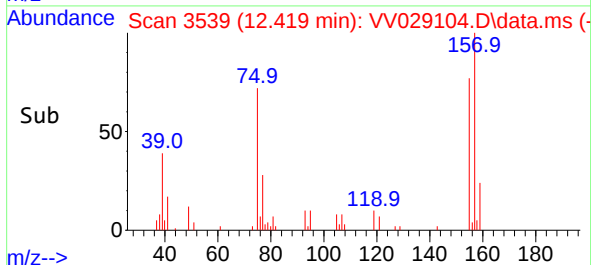
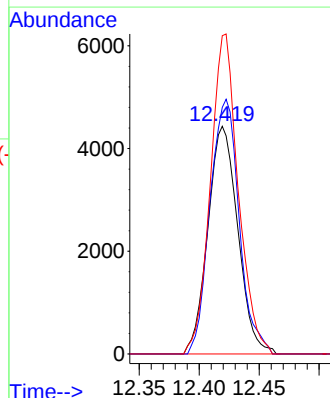
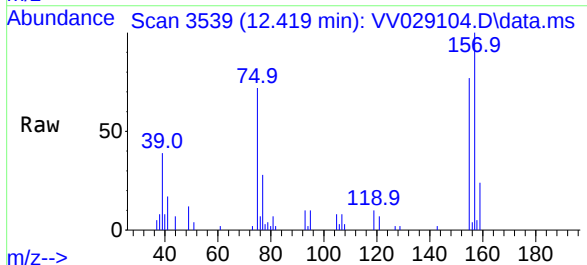
Tgt Ion: 75 Resp: 7687

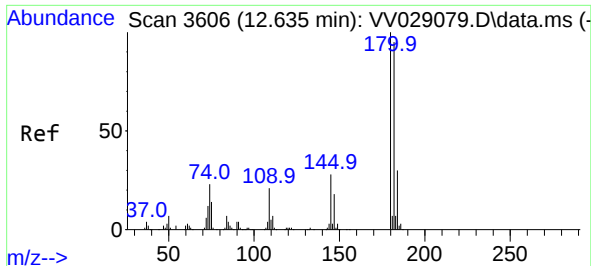
Ion Ratio Lower Upper

75 100

155 108.3 64.8 97.2#

157 139.8 86.3 129.5#



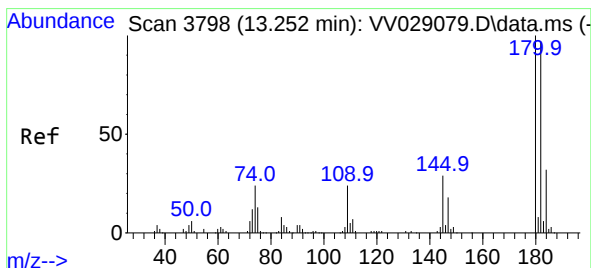
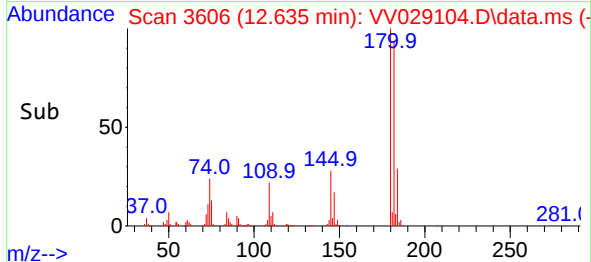
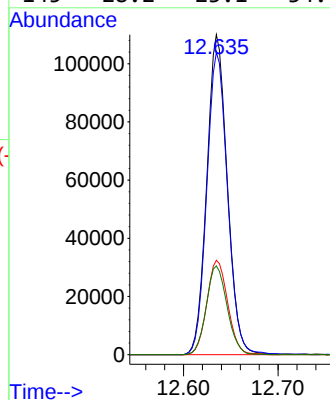
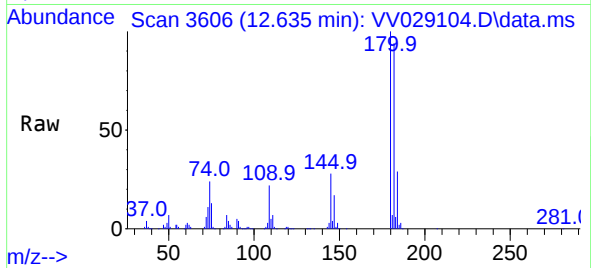


#69
1,3,5-Trichlorobenzene
Concen: 6.274 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion:180 Resp: 165916

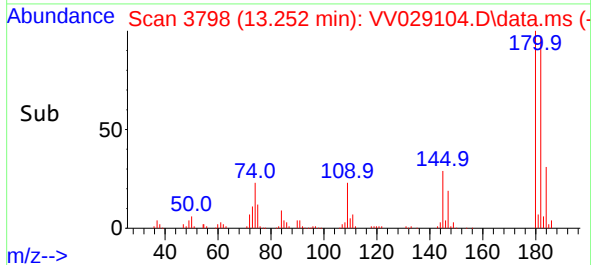
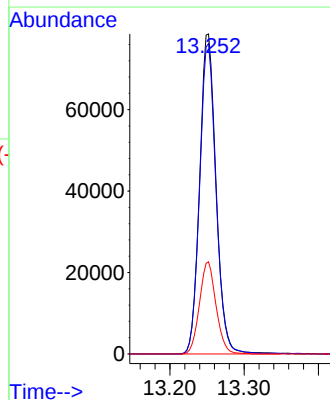
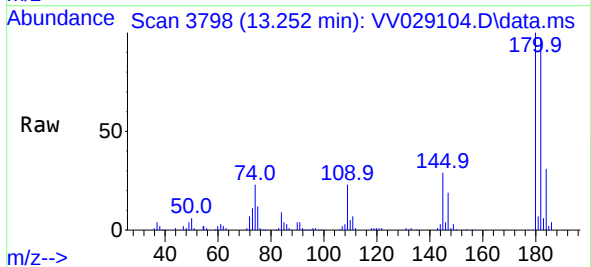
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.7	115.1
184	30.0	24.0	36.0
145	28.2	23.1	34.7

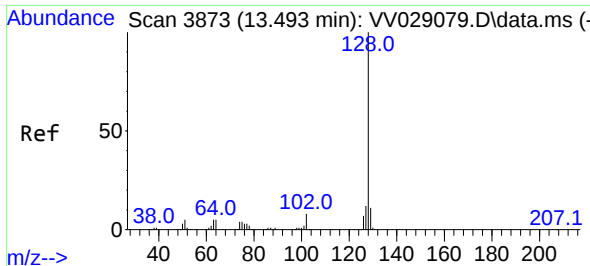


#70
1,2,4-trichlorobenzene
Concen: 6.053 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion:180 Resp: 121076

Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.3	111.5
145	29.0	23.7	35.5



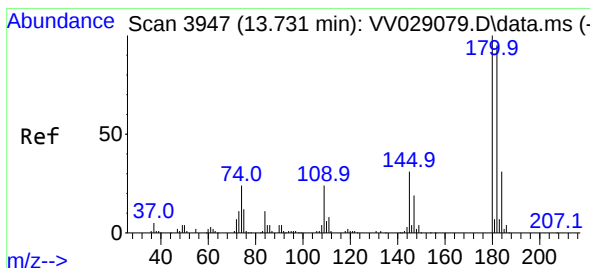
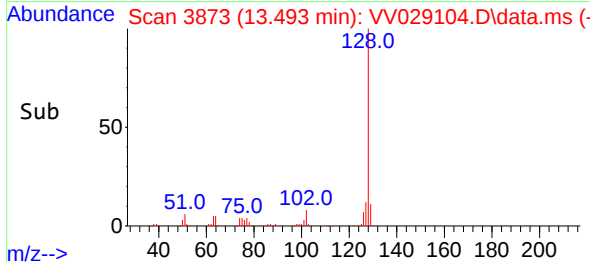
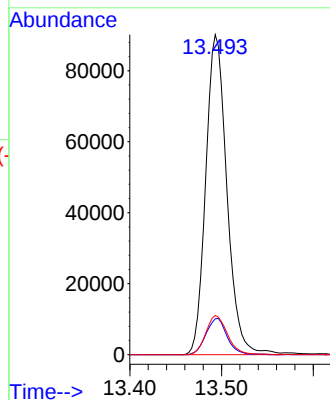
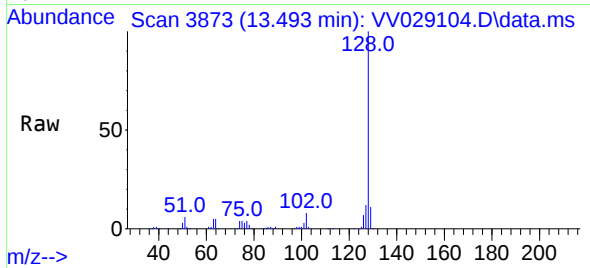


#71
Naphthalene
Concen: 5.614 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion:128 Resp: 144877

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.5	9.8	14.8



#72
1,2,3-Trichlorobenzene
Concen: 6.154 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029104.D
Acq: 18 Nov 2022 07:53

Tgt Ion:180 Resp: 104253

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.2
145	31.3	24.9	37.3

