

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029796.D
 Acq On : 13 Jan 2023 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Jan 13 22:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	227311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	218760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	126329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	82594	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.561	69	69768	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.102	63	147275	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.912	46	151979	49.733	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.336	84	157849	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.021	65	66789	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.037	84	321338	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.060	67	95541	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.304	98	300208	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.613	79	34855	5.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	146881	52.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	71385	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	111409	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	103648	4.899	ug/L	99
3) Chloromethane	1.237	50	109647	4.925	ug/L	98
5) Vinyl chloride	1.307	62	111203	5.093	ug/L	99
6) Bromomethane	1.516	94	56878	5.351	ug/L	99
8) Chloroethane	1.581	64	67035	5.060	ug/L	99
9) Trichlorofluoromethane	1.748	101	145239	5.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	83818	4.975	ug/L	99
12) 1,1-Dichloroethene	2.111	96	85197	4.389	ug/L	98
13) Acetone	2.201	43	109121	50.030	ug/L	97
14) Carbon disulfide	2.285	76	282010	5.047	ug/L	99
15) Methyl Acetate	2.439	43	20023	3.525	ug/L #	85
16) Methylene chloride	2.500	84	94089	3.902	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	172254	5.133	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	92715	5.139	ug/L	97
19) 1,1-Dichloroethane	3.179	63	154043	5.104	ug/L	98
21) 2-Butanone	3.989	43	159871	51.164	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	94975	4.940	ug/L	99
23) Bromochloromethane	4.236	128	40165	5.059	ug/L	92
25) Chloroform	4.362	83	161283	4.916	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

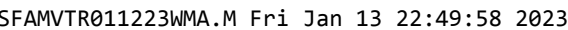
Instrument :
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 ClientSampleId :
 VSTD005382

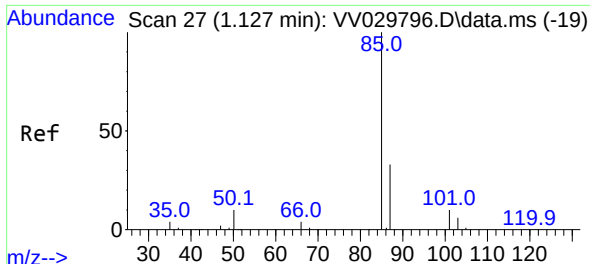
Quant Time: Jan 13 22:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	82608	5.182	ug/L	99
29) 1,1,1-Trichloroethane	4.593	97	142487	5.016	ug/L	100
30) Cyclohexane	4.664	56	141357	5.256	ug/L	98
31) Carbon tetrachloride	4.815	117	123829	5.010	ug/L	99
33) Benzene	5.089	78	378201	5.229	ug/L	100
34) Trichloroethene	5.902	95	93719	5.113	ug/L	98
35) Methylcyclohexane	6.121	83	159453	5.153	ug/L	99
37) 1,2-Dichloropropane	6.162	63	88011	5.196	ug/L	99
38) Bromodichloromethane	6.500	83	111562	5.093	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	116733	5.139	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	391925	54.221	ug/L	100
42) Toluene	7.378	91	409845	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	96887	5.293	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	59444	4.871	ug/L	96
47) Tetrachloroethene	7.963	164	77412	5.016	ug/L	99
48) 2-Hexanone	8.137	43	287665	55.679	ug/L	100
49) Dibromochloromethane	8.236	129	73713	5.147	ug/L	99
50) 1,2-Dibromoethane	8.342	107	54996	5.192	ug/L	97
51) Chlorobenzene	8.870	112	251013	5.068	ug/L	99
52) Ethylbenzene	9.002	91	418087	5.121	ug/L	100
53) m,p-Xylene	9.127	106	166300	5.146	ug/L	97
54) o-Xylene	9.532	106	159064	5.186	ug/L	99
55) Styrene	9.548	104	284417	5.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	71161	5.249	ug/L	98
59) Bromoform	9.719	173	40924	5.001	ug/L	99
60) Isopropylbenzene	9.918	105	421970	5.226	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	49256	5.266	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	355316	5.135	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	363041	5.261	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	210502	5.133	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	209149	5.117	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	191385	5.192	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	10628	4.804	ug/L	86
69) 1,3,5-Trichlorobenzene	12.632	180	167134	5.064	ug/L	98
70) 1,2,4-trichlorobenzene	13.246	180	133552	5.178	ug/L	99
71) Naphthalene	13.490	128	165581	4.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	111579	5.212	ug/L	100

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

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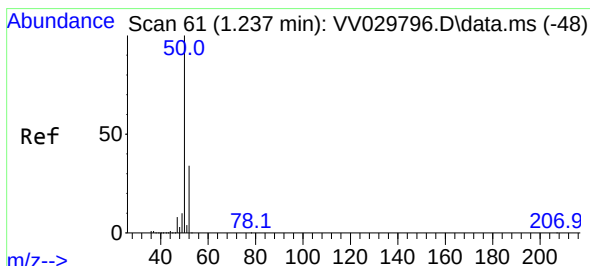
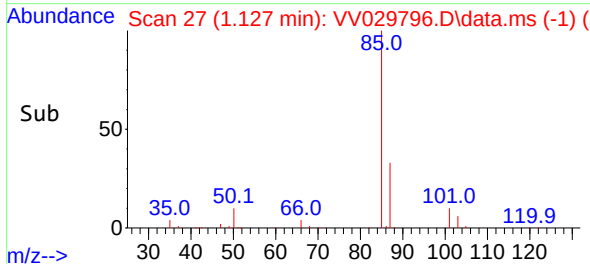
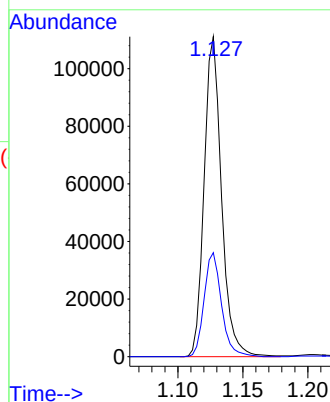
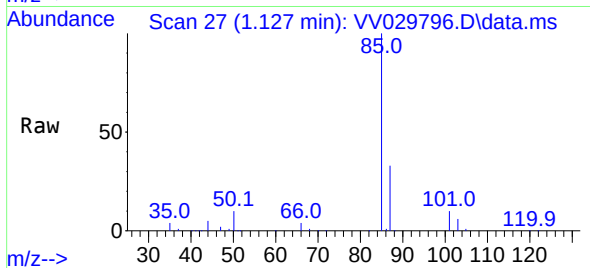




#2
Dichlorodifluoromethane
Concen: 4.899 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

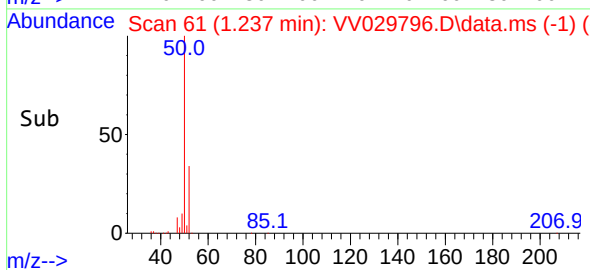
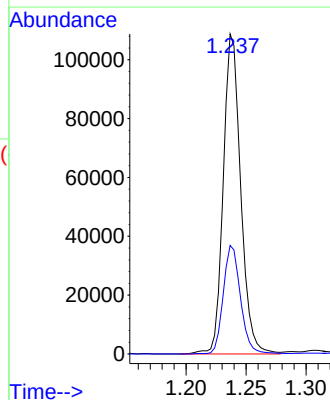
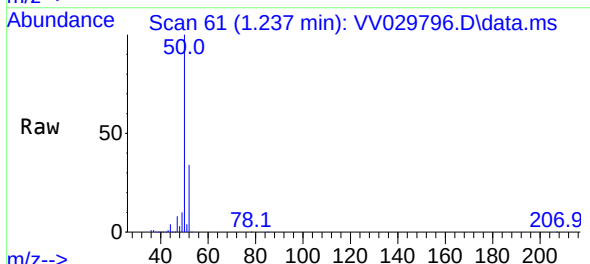
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

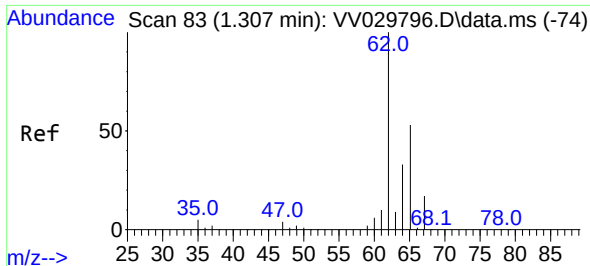
Tgt Ion: 85 Resp: 103648
Ion Ratio Lower Upper
85 100
87 32.5 26.5 39.7



#3
Chloromethane
Concen: 4.925 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 50 Resp: 109647
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

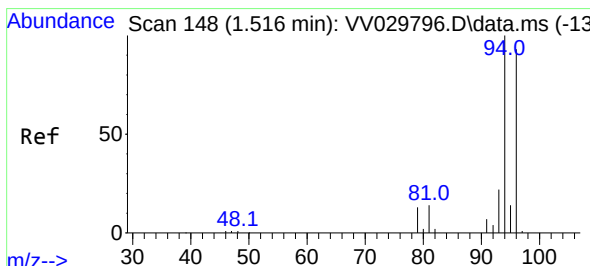
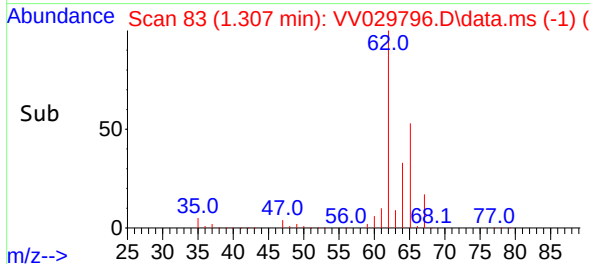
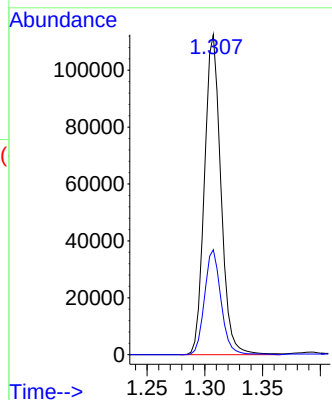
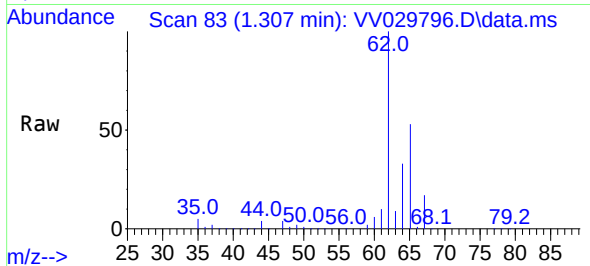




#5
 Vinyl chloride
 Concen: 5.093 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV029796.D
 Acq: 13 Jan 2023 09:41

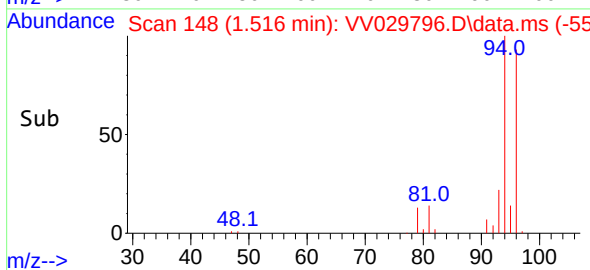
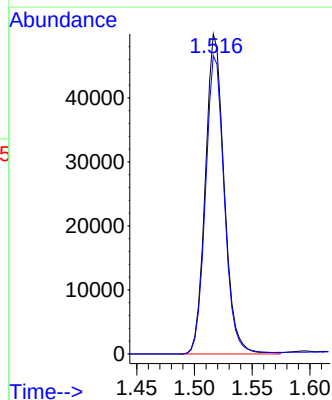
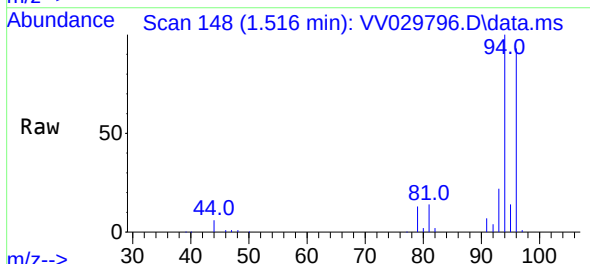
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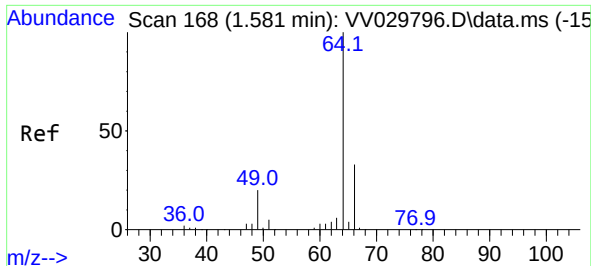
Tgt Ion: 62 Resp: 111203
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 5.351 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV029796.D
 Acq: 13 Jan 2023 09:41

Tgt Ion: 94 Resp: 56878
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.9 122.5

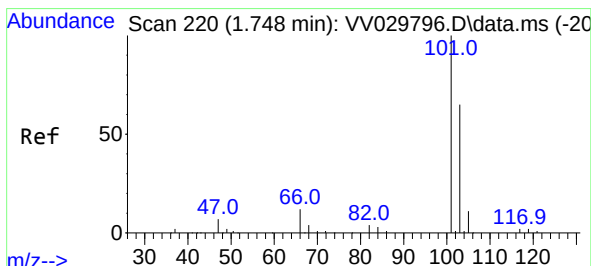
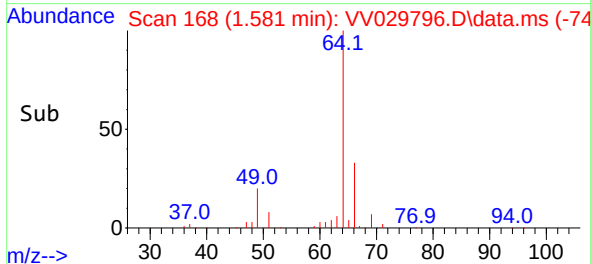
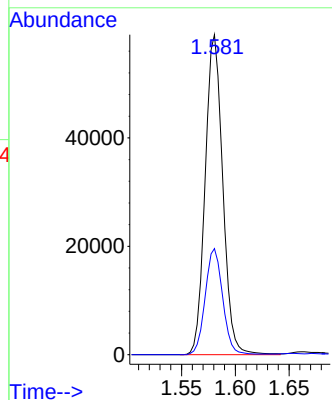
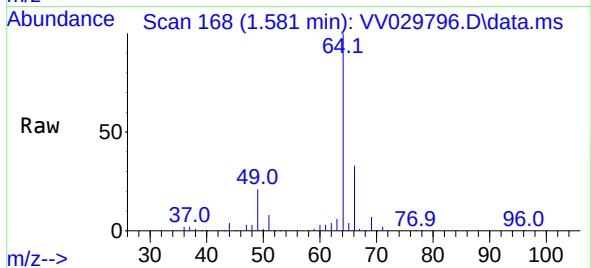




#8
Chloroethane
Concen: 5.060 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

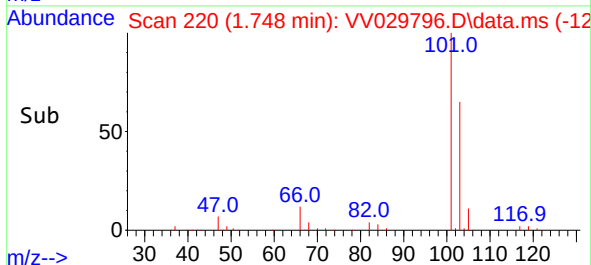
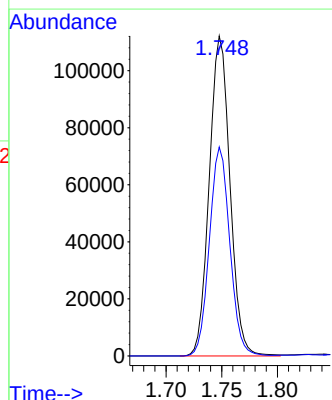
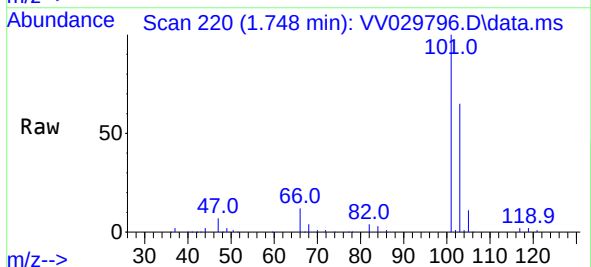
Instrument :
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ClientSampleId :
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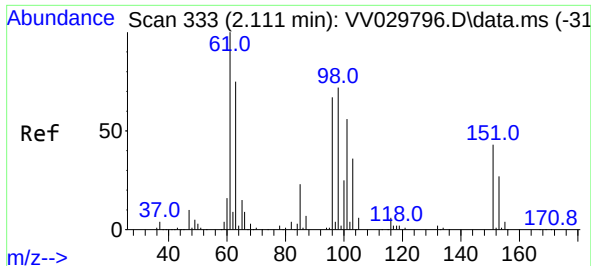
Tgt Ion: 64 Resp: 67035
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.079 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:101 Resp: 145239
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

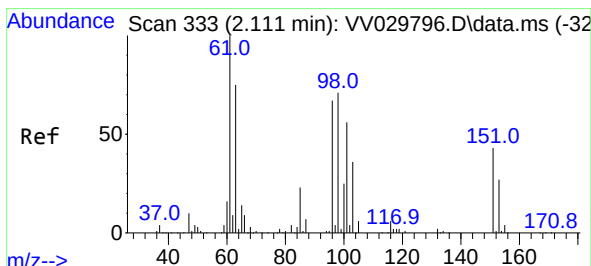
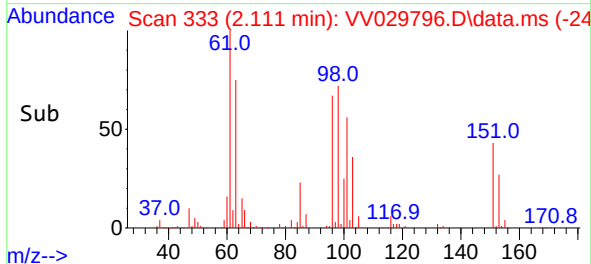
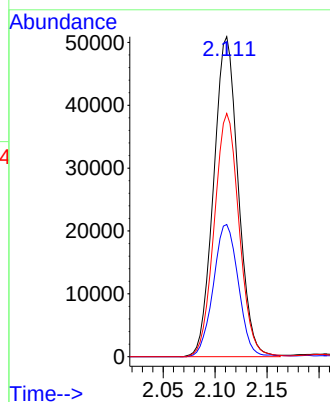
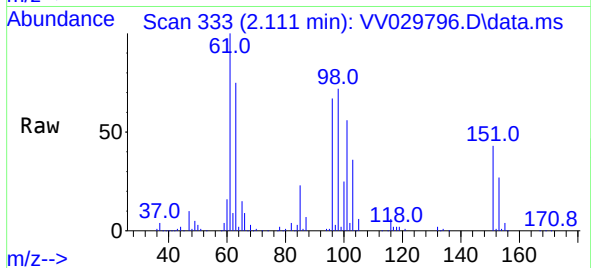




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.975 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

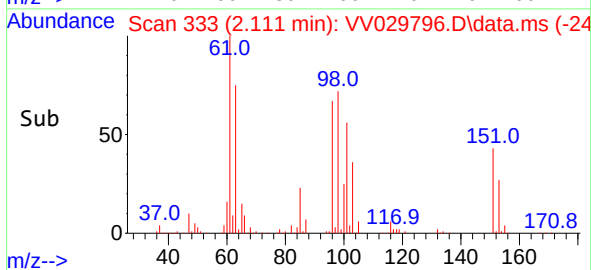
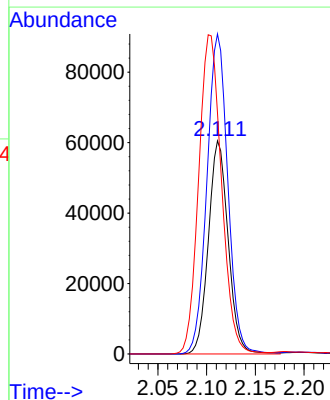
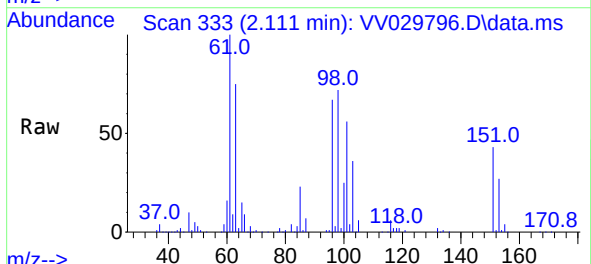
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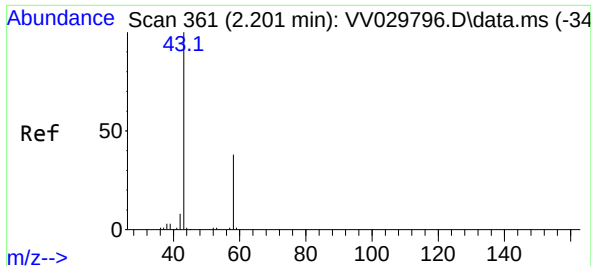
Tgt Ion:101 Resp: 83818
Ion Ratio Lower Upper
101 100
85 42.2 32.9 49.3
151 77.0 60.9 91.3



#12
1,1-Dichloroethene
Concen: 4.389 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 96 Resp: 85197
Ion Ratio Lower Upper
96 100
61 150.1 106.1 197.1
63 113.1 76.4 141.8





#13

Acetone

Concen: 50.030 ug/L

RT: 2.201 min Scan# 361

Delta R.T. 0.003 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

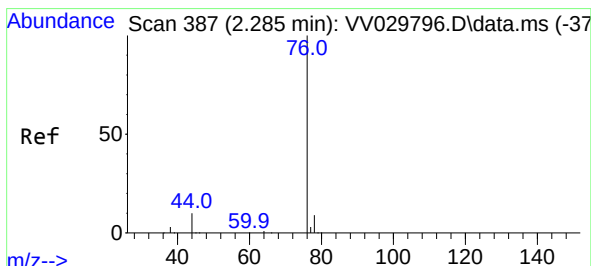
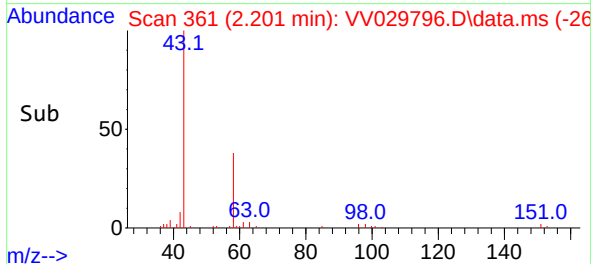
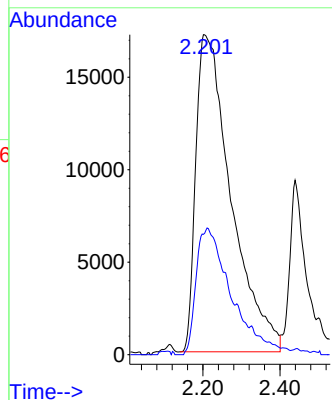
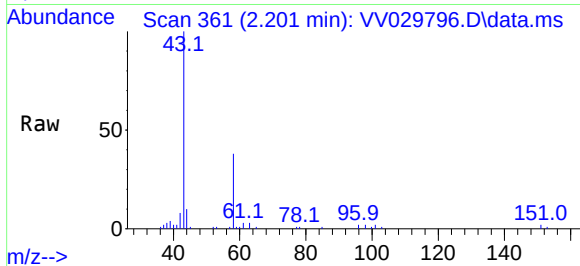
VSTD005382

Tgt Ion: 43 Resp: 109121

Ion Ratio Lower Upper

43 100

58 35.9 0.0 68.8



#14

Carbon disulfide

Concen: 5.047 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029796.D

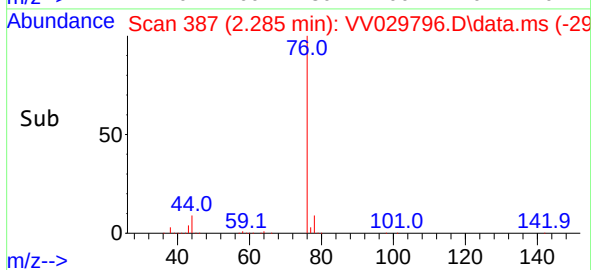
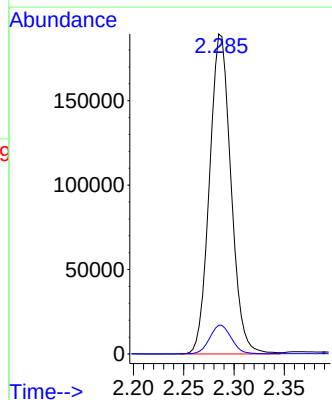
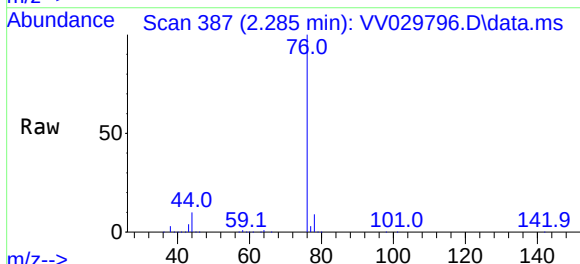
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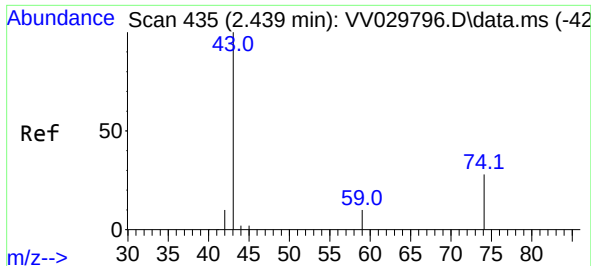
Tgt Ion: 76 Resp: 282010

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

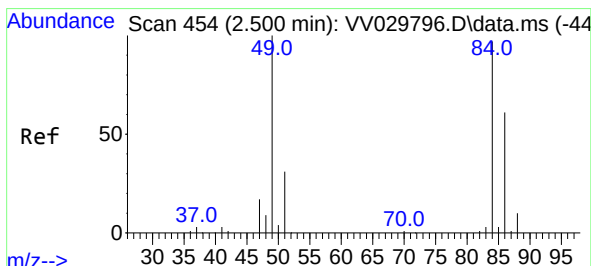
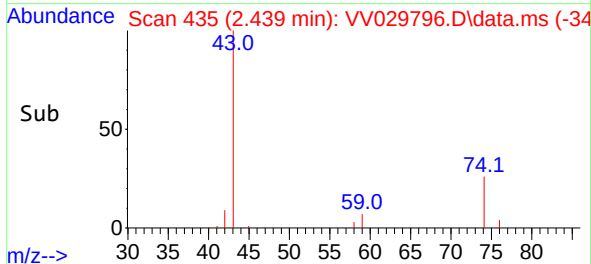
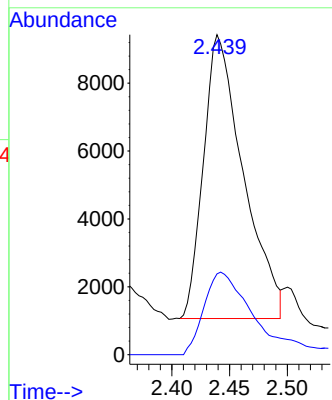
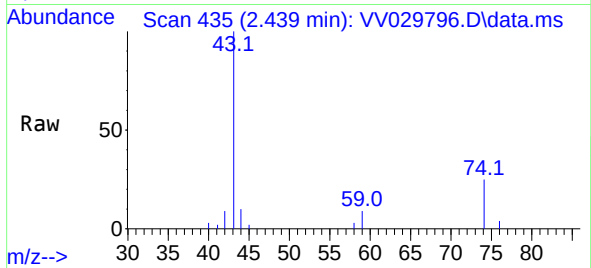




#15
Methyl Acetate
Concen: 3.525 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

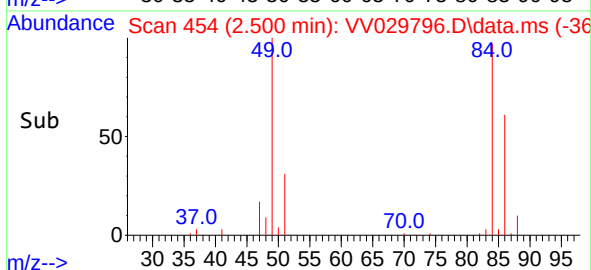
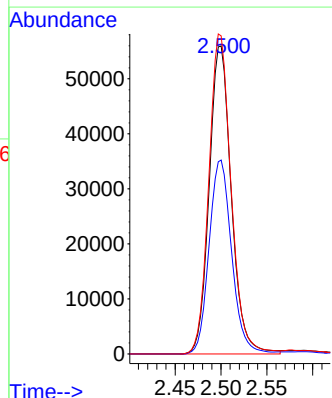
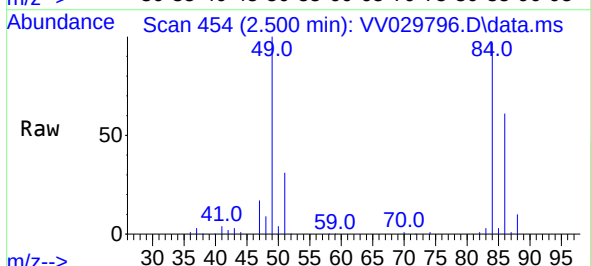
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

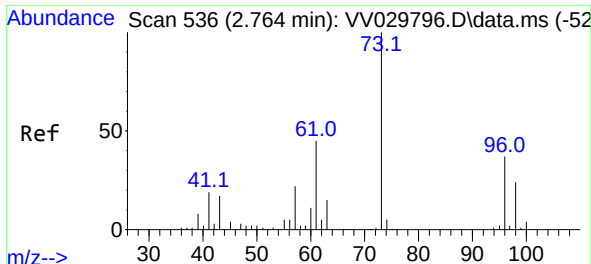
Tgt Ion: 43 Resp: 20023
Ion Ratio Lower Upper
43 100
74 37.4 23.4 35.0#



#16
Methylene chloride
Concen: 3.902 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 84 Resp: 94089
Ion Ratio Lower Upper
84 100
86 63.0 45.0 83.6
49 103.3 71.5 132.7



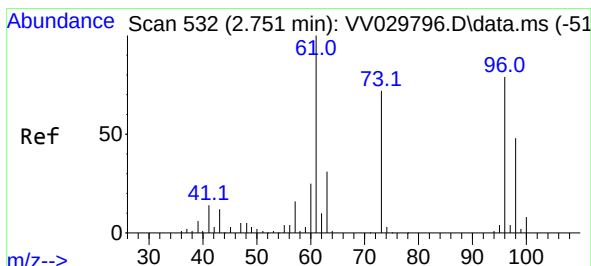
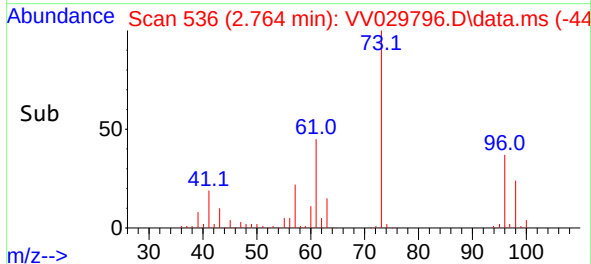
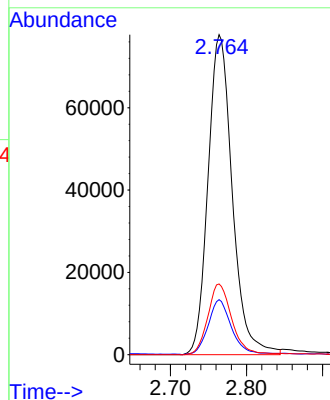
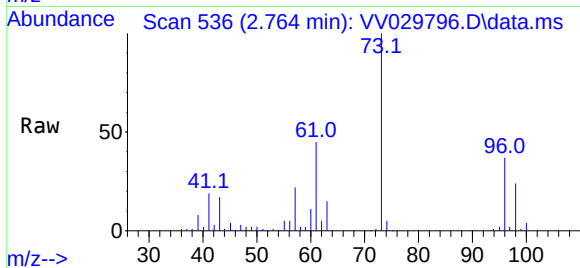


#17
Methyl tert-butyl Ether
Concen: 5.133 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Tgt Ion: 73 Resp: 172254

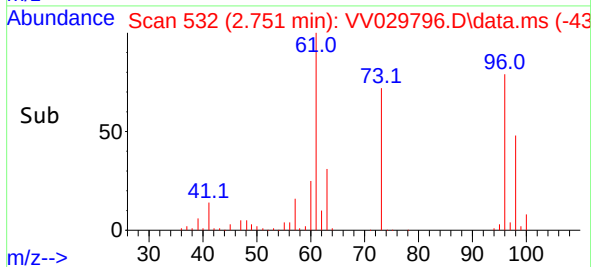
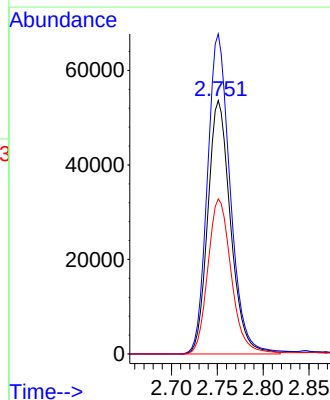
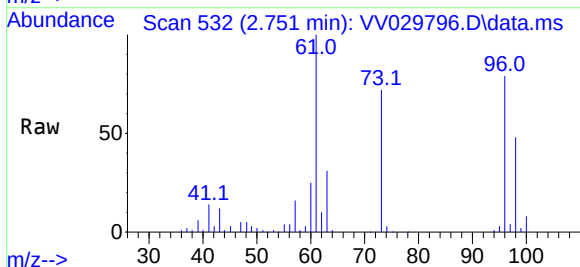
Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.0	19.4
57	21.8	17.1	25.7

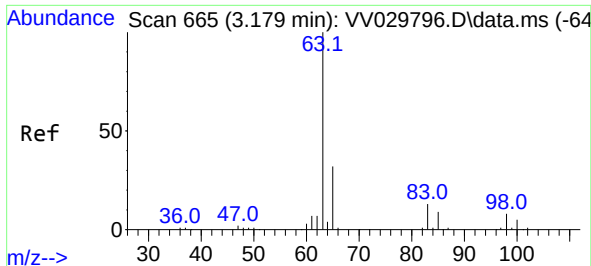


#18
trans-1,2-Dichloroethene
Concen: 5.139 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 96 Resp: 92715

Ion	Ratio	Lower	Upper
96	100		
61	126.3	86.1	159.9
98	61.2	43.9	81.5

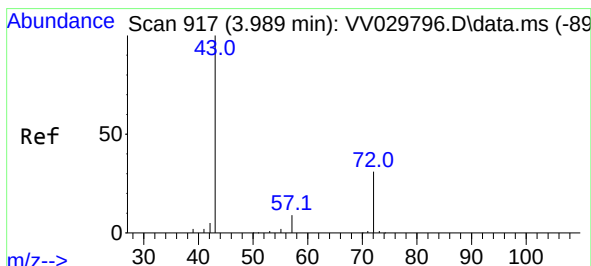
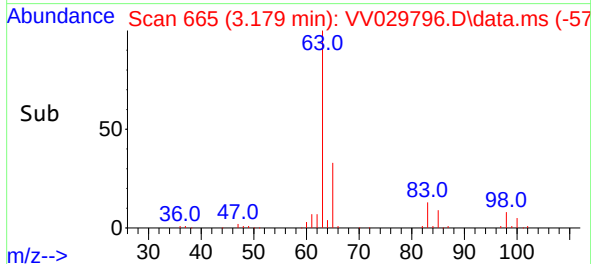
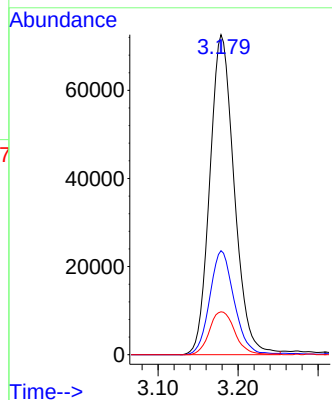
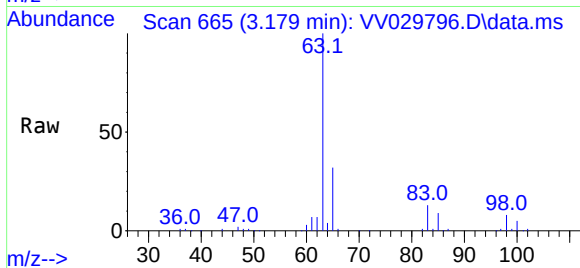




#19
1,1-Dichloroethane
Concen: 5.104 ug/L
RT: 3.179 min Scan# 665
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

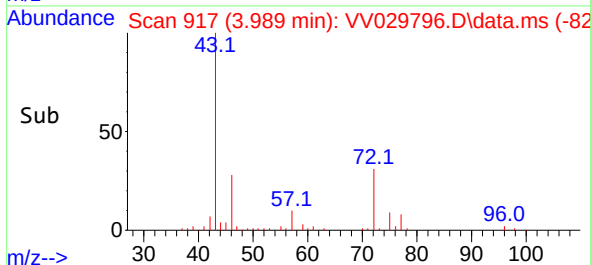
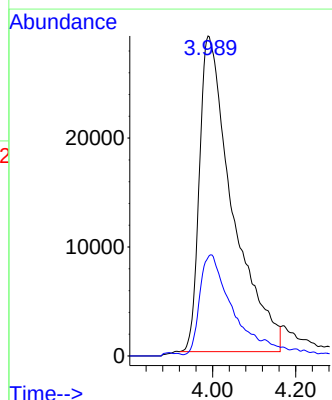
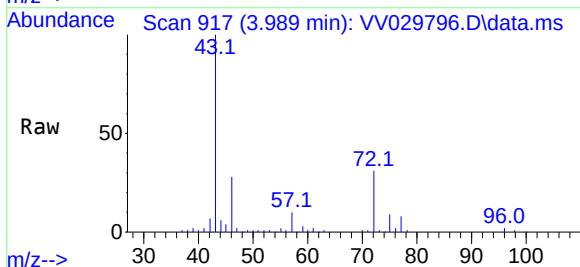
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

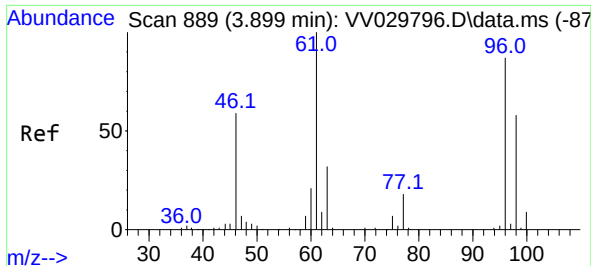
Tgt Ion: 63 Resp: 154043
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.4 10.2 19.0



#21
2-Butanone
Concen: 51.164 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.006 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

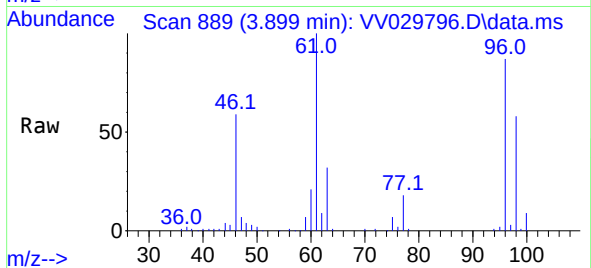
Tgt Ion: 43 Resp: 159871
Ion Ratio Lower Upper
43 100
72 29.6 13.9 41.6



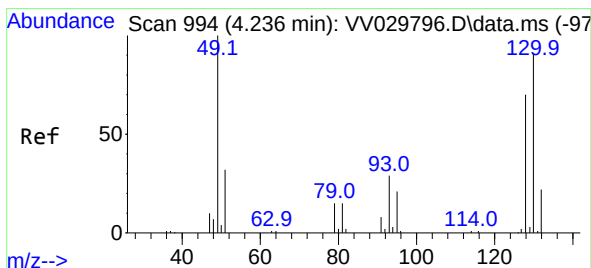
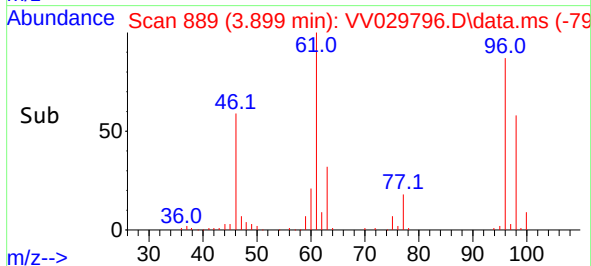
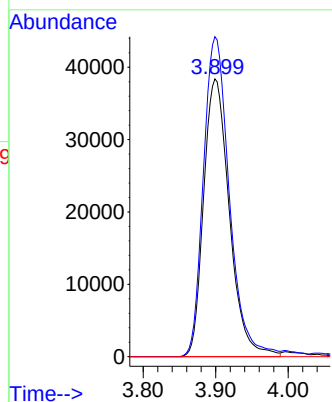


#22
cis-1,2-Dichloroethene
Concen: 4.940 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

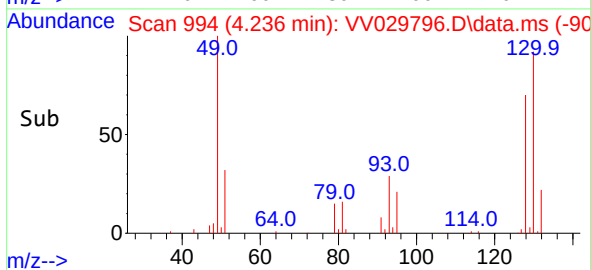
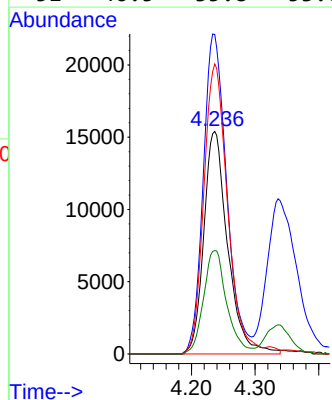
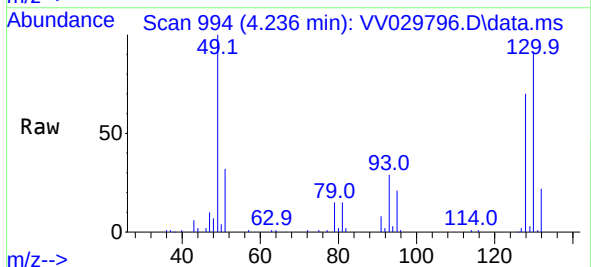


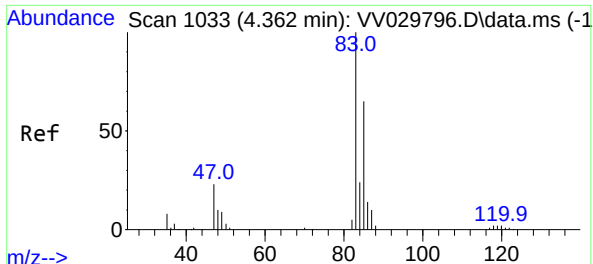
Tgt Ion: 96 Resp: 94975
Ion Ratio Lower Upper
96 100
61 115.2 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.059 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 128 Resp: 40165
Ion Ratio Lower Upper
128 100
49 143.6 91.2 169.4
130 130.3 87.0 161.6
51 46.5 35.8 53.6





#25

Chloroform

Concen: 4.916 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

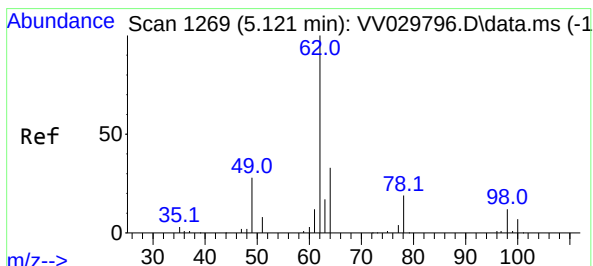
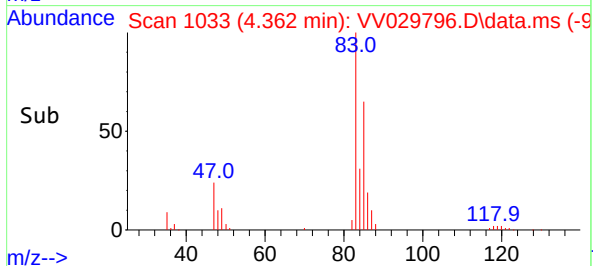
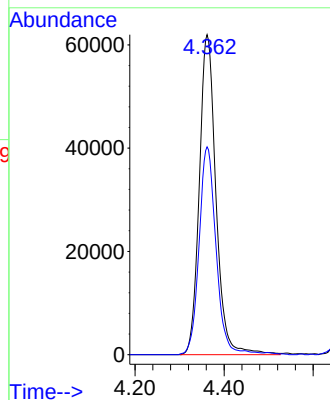
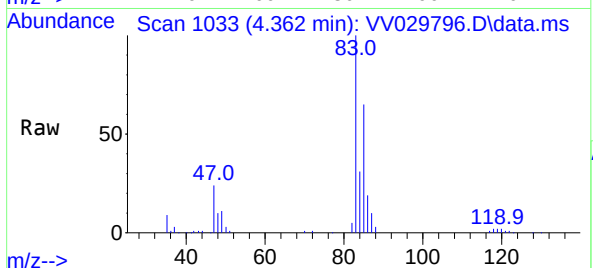
VSTD005382

Tgt Ion: 83 Resp: 161283

Ion Ratio Lower Upper

83 100

85 64.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.182 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VV029796.D

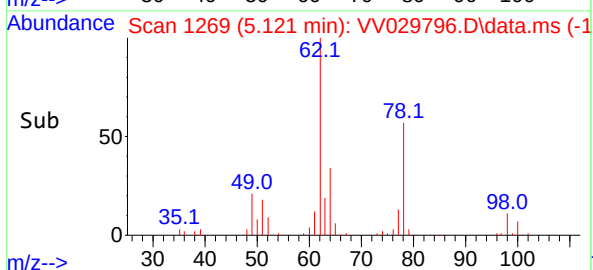
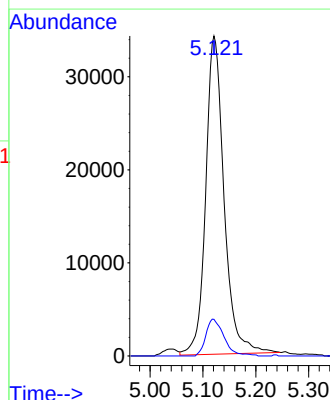
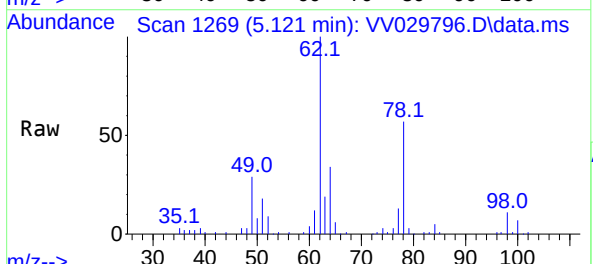
Acq: 13 Jan 2023 09:41

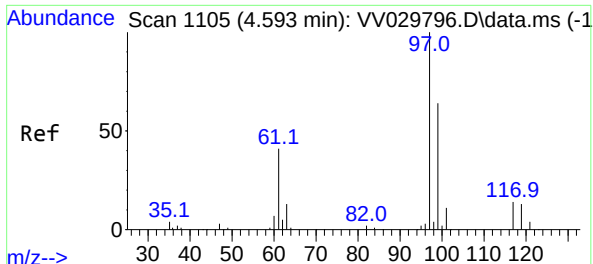
Tgt Ion: 62 Resp: 82608

Ion Ratio Lower Upper

62 100

98 11.4 8.9 13.3

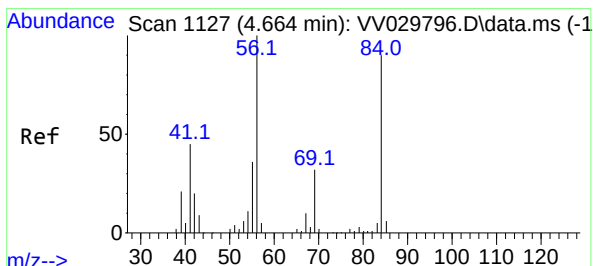
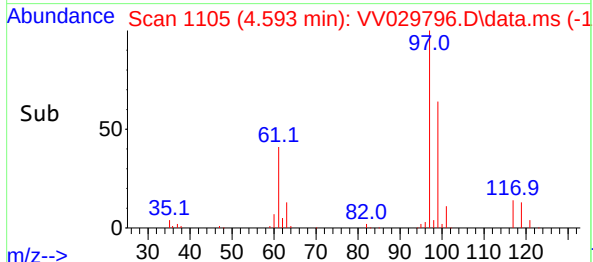
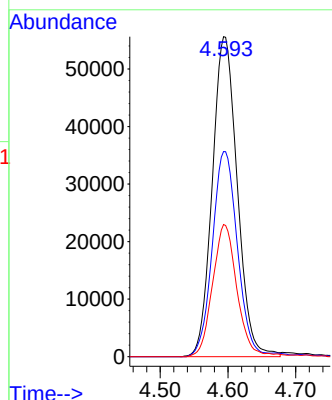
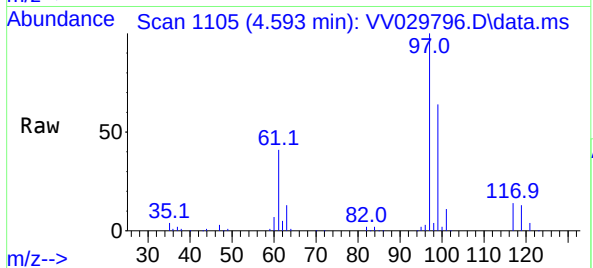




#29
1,1,1-Trichloroethane
Concen: 5.016 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

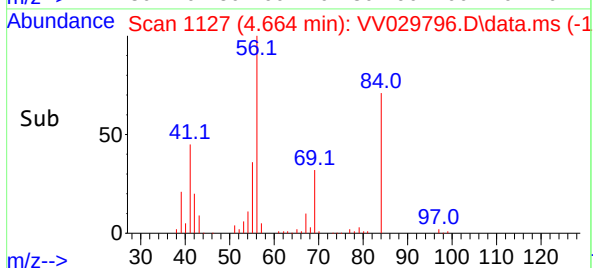
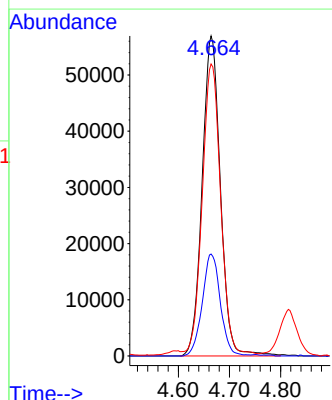
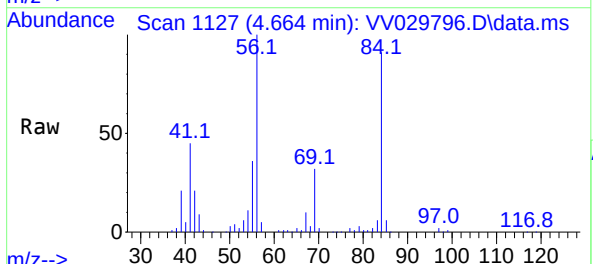
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

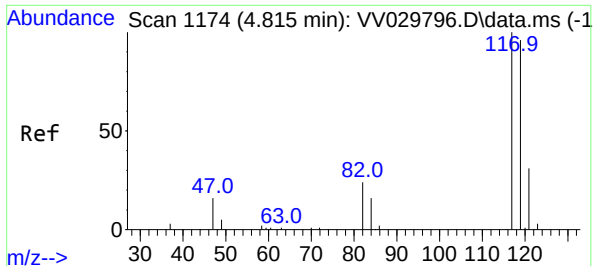
Tgt Ion: 97 Resp: 142487
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 40.1 31.6 47.4



#30
Cyclohexane
Concen: 5.256 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 56 Resp: 141357
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 90.7 73.8 110.8

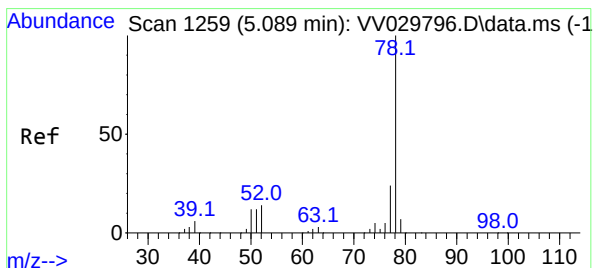
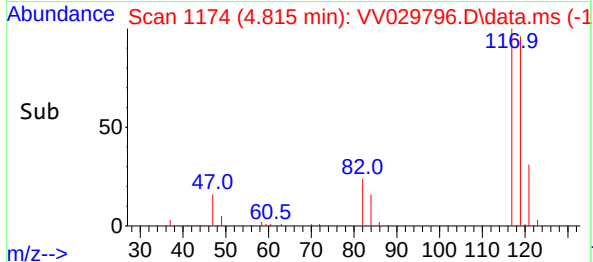
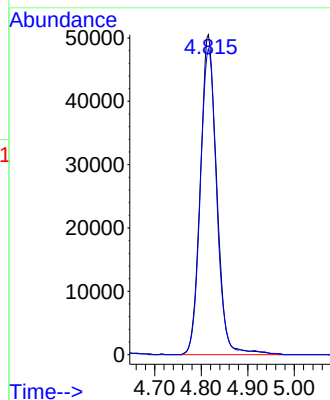
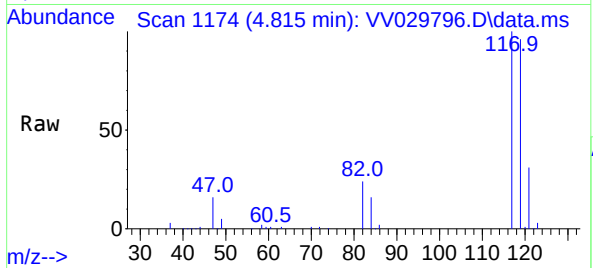




#31
Carbon tetrachloride
Concen: 5.010 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

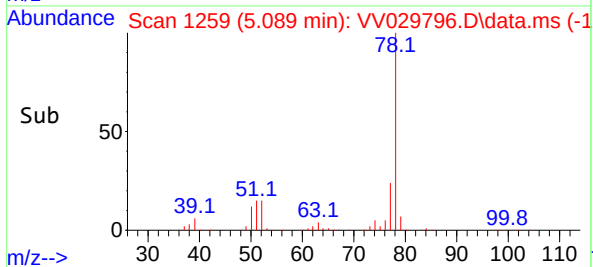
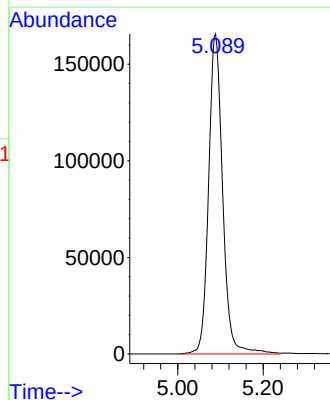
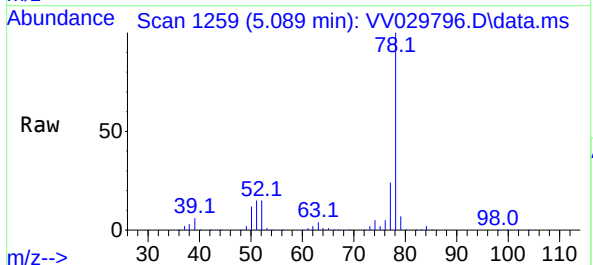
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

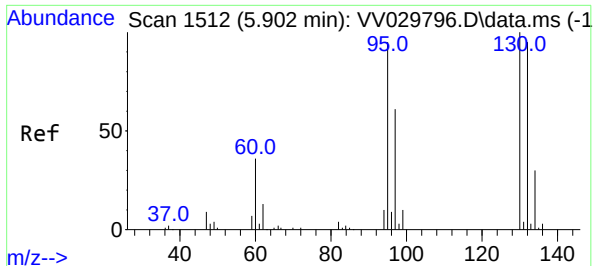
Tgt Ion:117 Resp: 123829
Ion Ratio Lower Upper
117 100
119 94.2 76.6 114.8



#33
Benzene
Concen: 5.229 ug/L
RT: 5.089 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 78 Resp: 378201

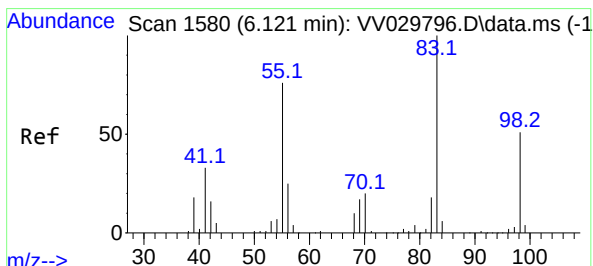
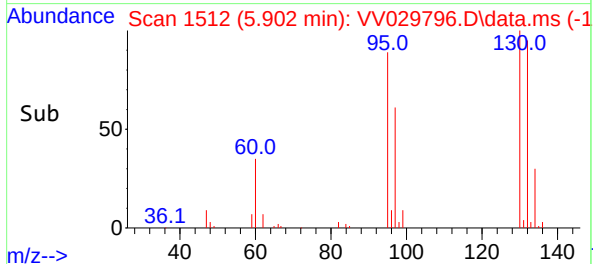
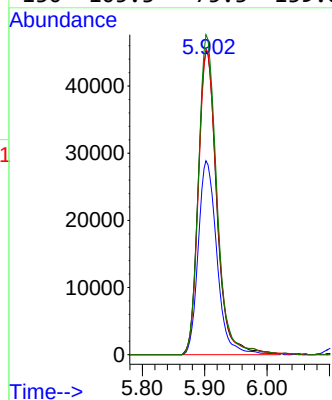
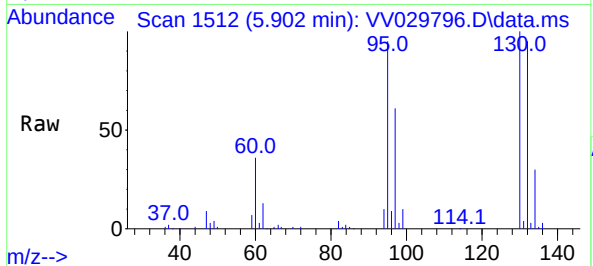




#34
Trichloroethene
Concen: 5.113 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

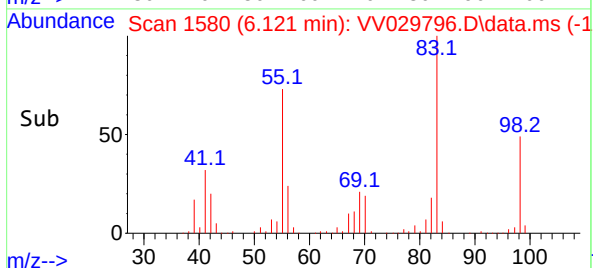
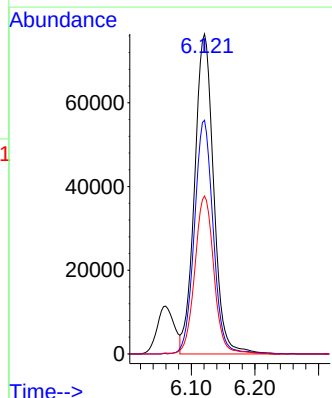
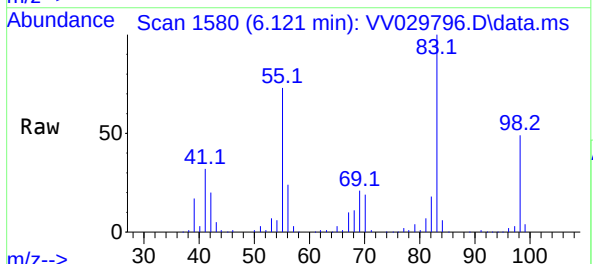
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

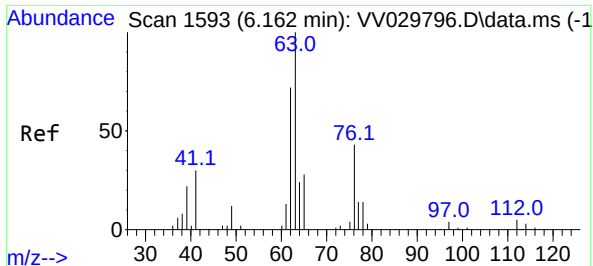
Tgt Ion: 95 Resp: 93719
Ion Ratio Lower Upper
95 100
97 63.8 44.9 83.3
132 100.5 71.8 133.4
130 105.3 75.3 139.8



#35
Methylcyclohexane
Concen: 5.153 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 83 Resp: 159453
Ion Ratio Lower Upper
83 100
55 72.2 57.3 85.9
98 49.3 39.0 58.6

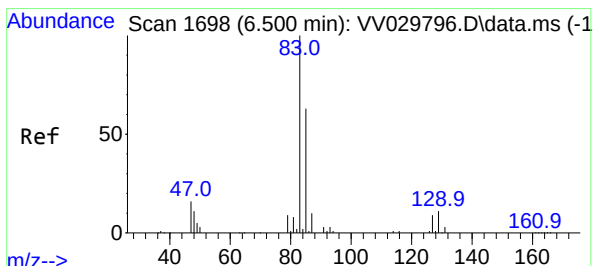
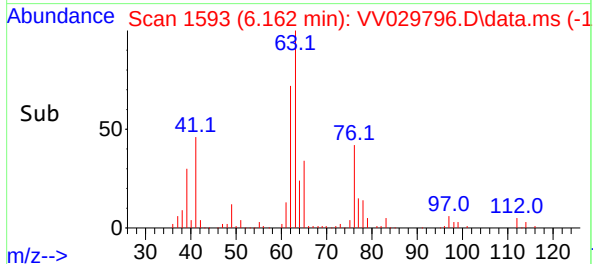
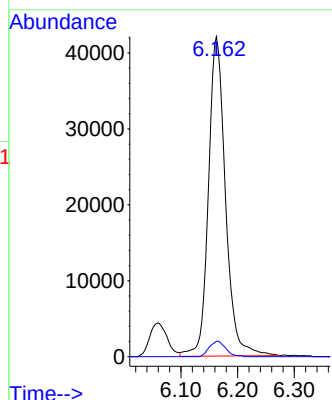
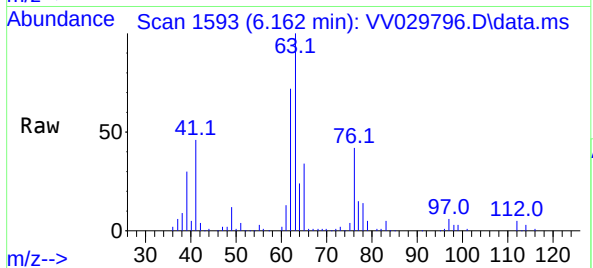




#37
1,2-Dichloropropane
Concen: 5.196 ug/L
RT: 6.162 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

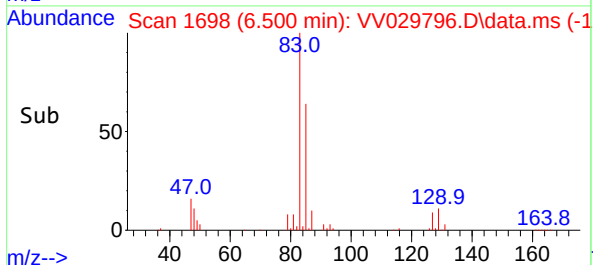
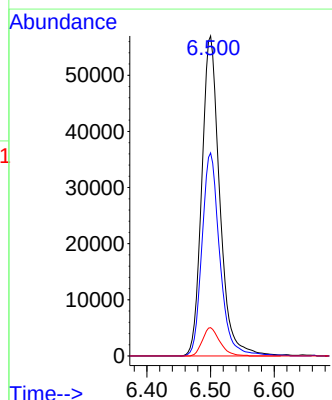
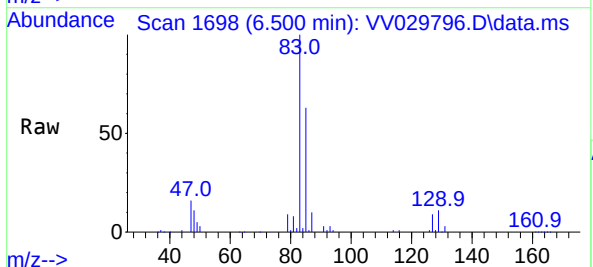
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

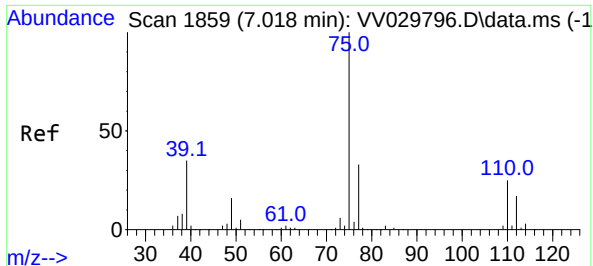
Tgt Ion: 63 Resp: 88011
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 5.093 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 83 Resp: 111562
Ion Ratio Lower Upper
83 100
85 63.5 43.2 80.2
127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.139 ug/L

RT: 7.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

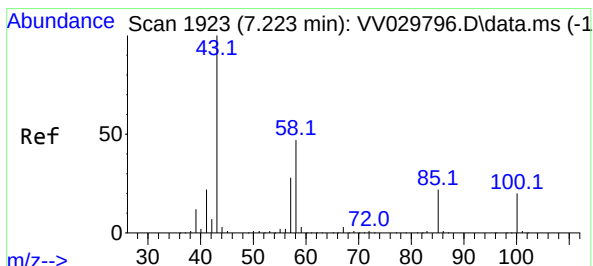
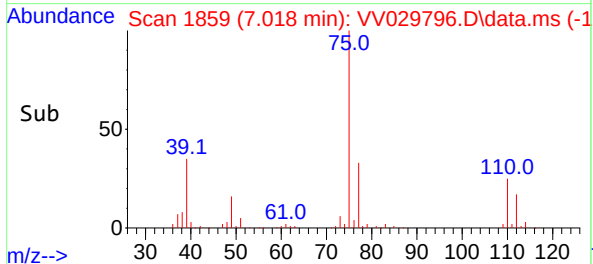
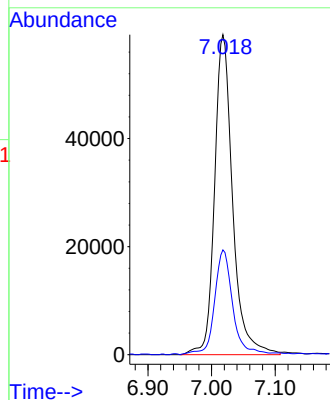
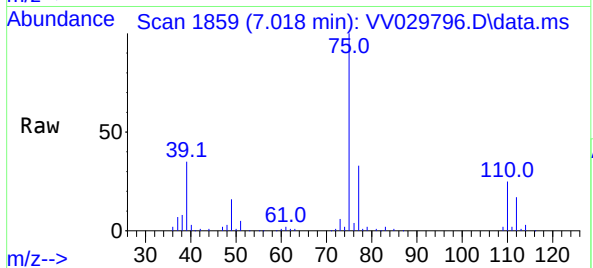
VSTD005382

Tgt Ion: 75 Resp: 116733

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.221 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

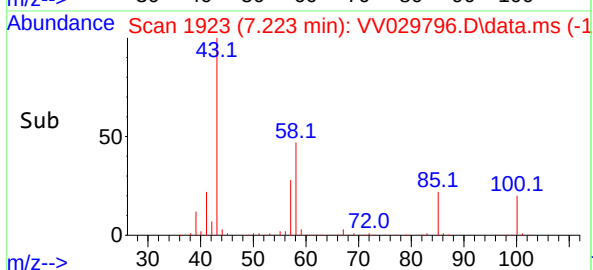
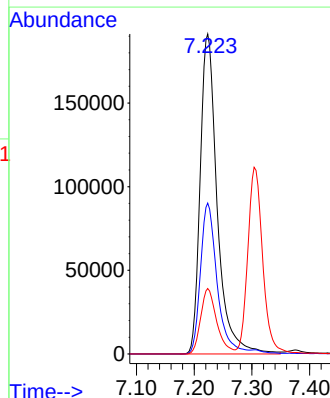
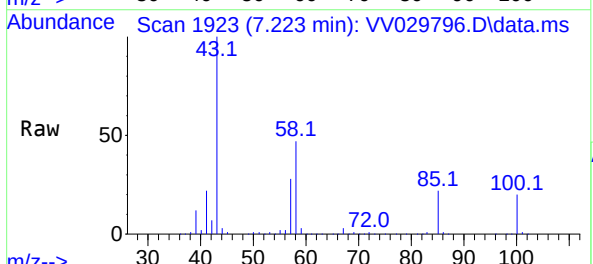
Tgt Ion: 43 Resp: 391925

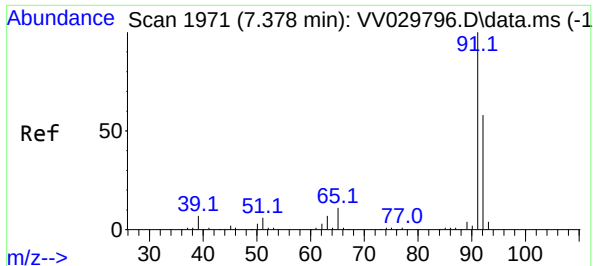
Ion Ratio Lower Upper

43 100

58 45.9 36.7 55.1

100 19.4 15.6 23.4

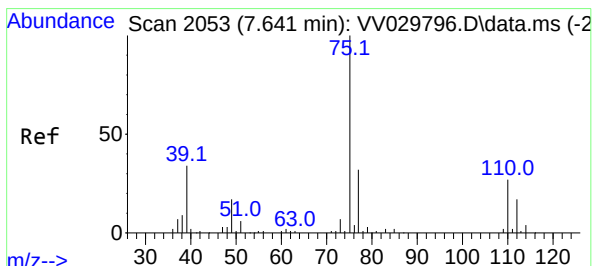
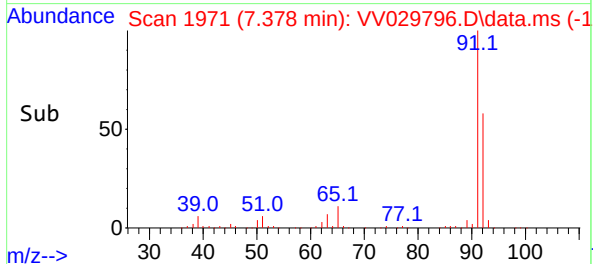
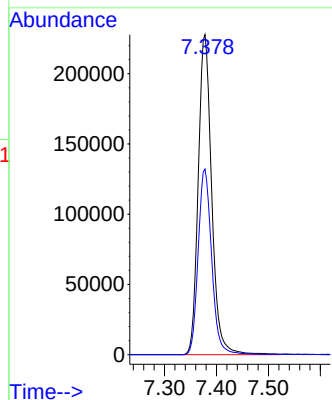
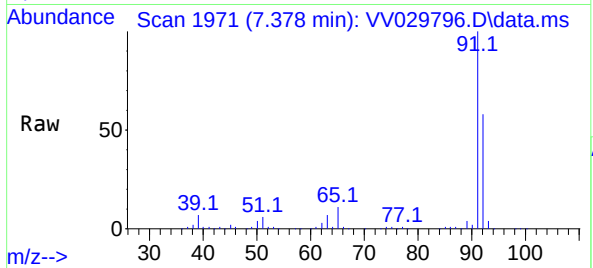




#42
Toluene
Concen: 5.254 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

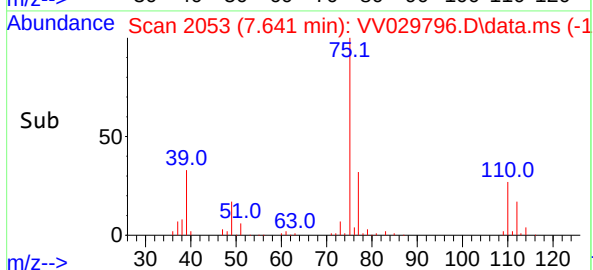
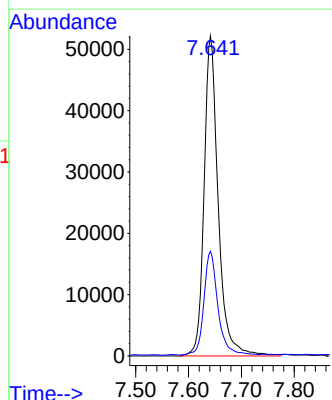
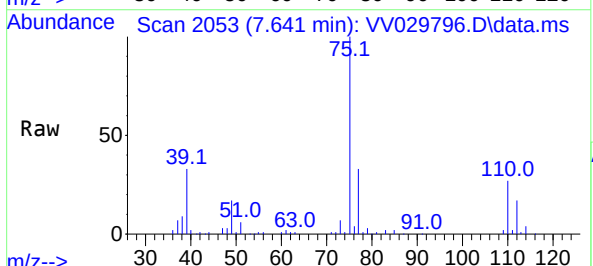
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

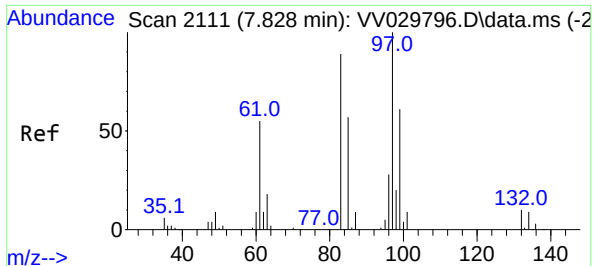
Tgt Ion: 91 Resp: 409845
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.293 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 75 Resp: 96887
Ion Ratio Lower Upper
75 100
77 32.7 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 4.871 ug/L

RT: 7.828 min Scan# 2111

Delta R.T. -0.003 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

Tgt Ion: 97 Resp: 59444

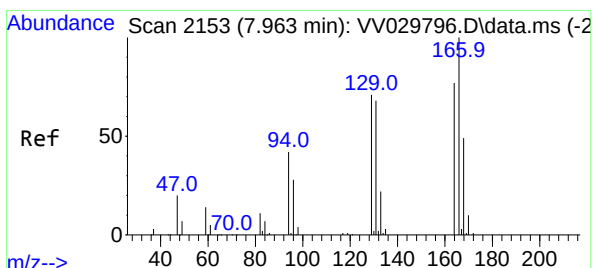
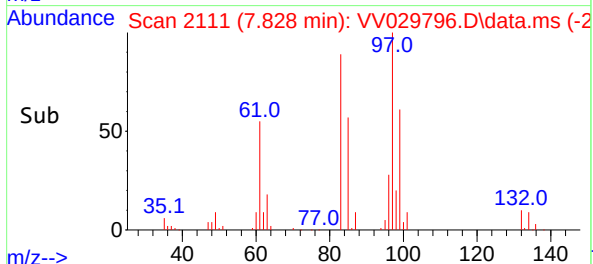
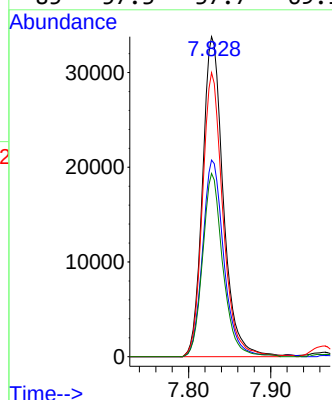
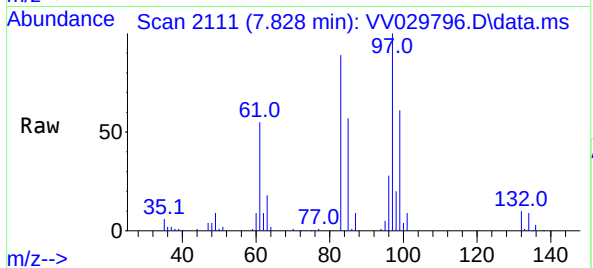
Ion Ratio Lower Upper

97 100

99 61.5 41.9 77.7

83 88.7 58.7 109.1

85 57.3 37.7 69.9



#47

Tetrachloroethene

Concen: 5.016 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.003 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Tgt Ion: 164 Resp: 77412

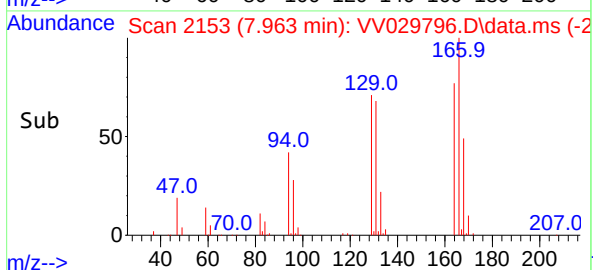
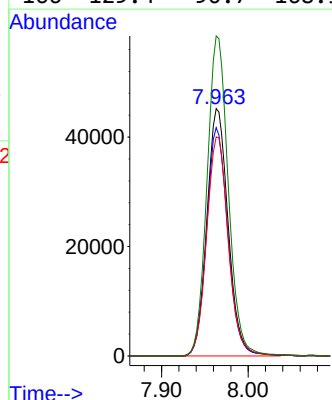
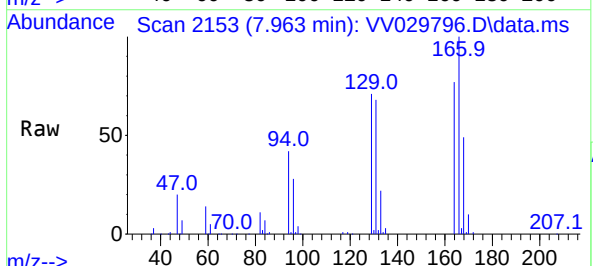
Ion Ratio Lower Upper

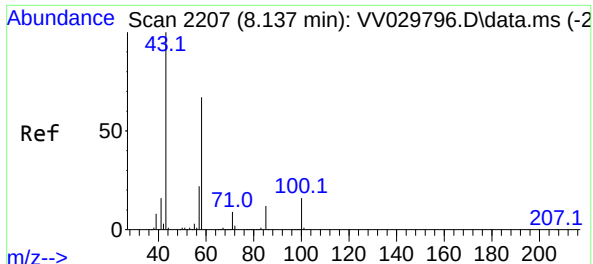
164 100

129 92.4 64.5 119.7

131 88.5 62.9 116.7

166 129.4 90.7 168.5

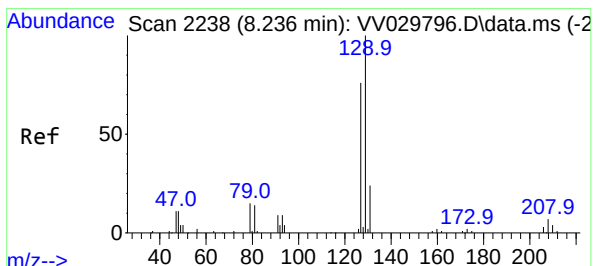
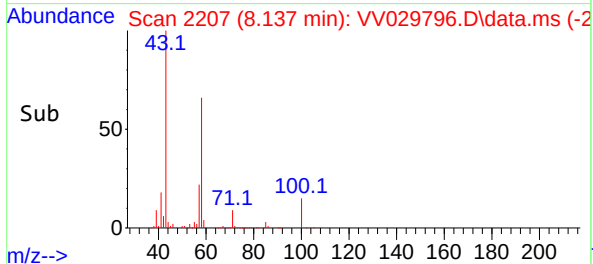
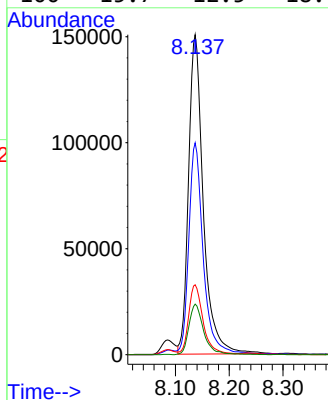
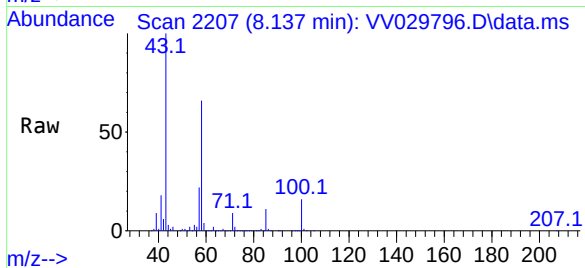




#48
2-Hexanone
Concen: 55.679 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

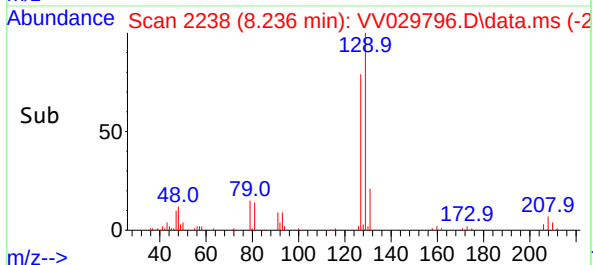
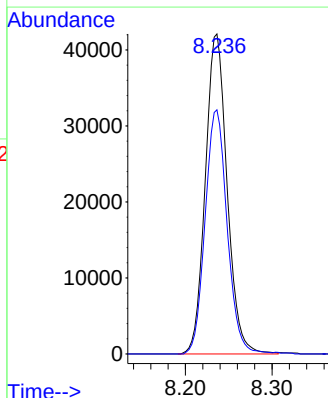
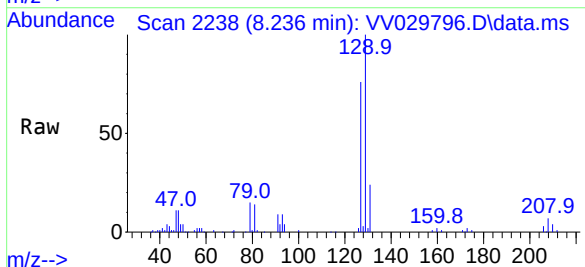
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

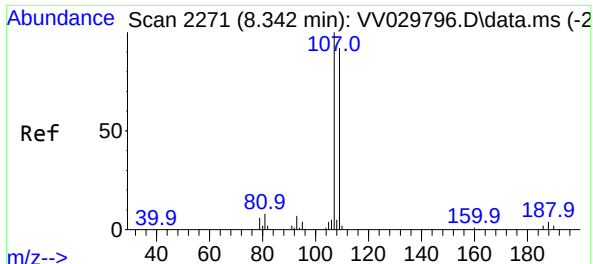
Tgt Ion: 43 Resp: 287665
Ion Ratio Lower Upper
43 100
58 64.5 51.4 77.2
57 21.6 17.0 25.6
100 15.7 12.5 18.7



#49
Dibromochloromethane
Concen: 5.147 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 129 Resp: 73713
Ion Ratio Lower Upper
129 100
127 76.3 54.1 100.5

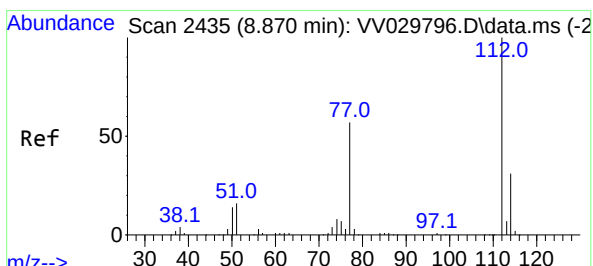
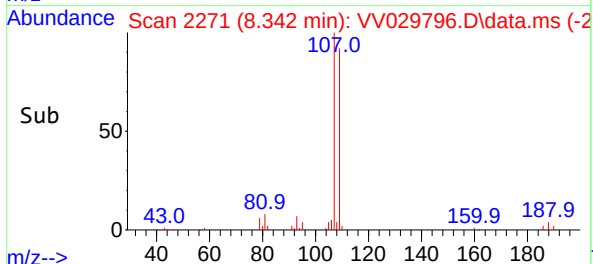
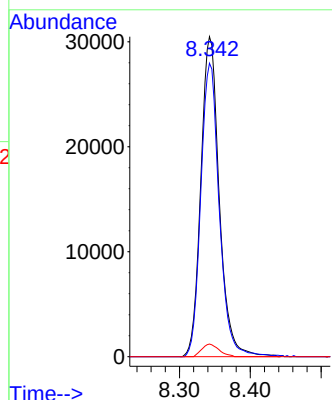
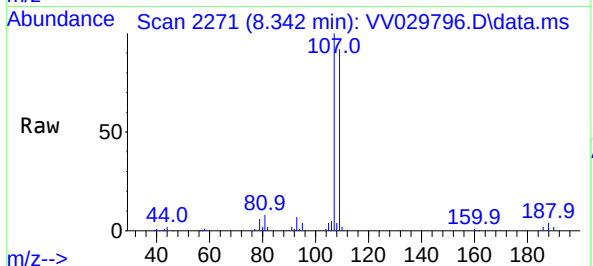




#50
1,2-Dibromoethane
Concen: 5.192 ug/L
RT: 8.342 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

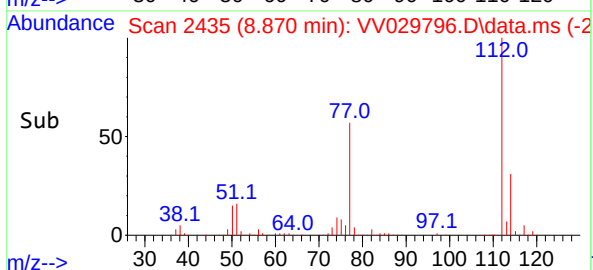
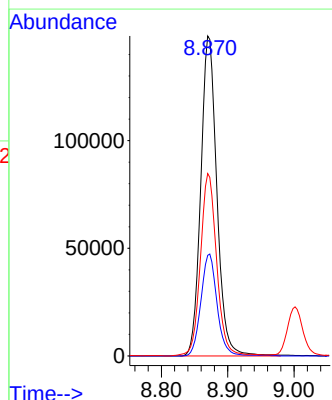
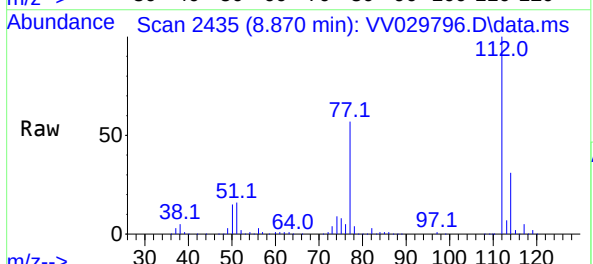
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

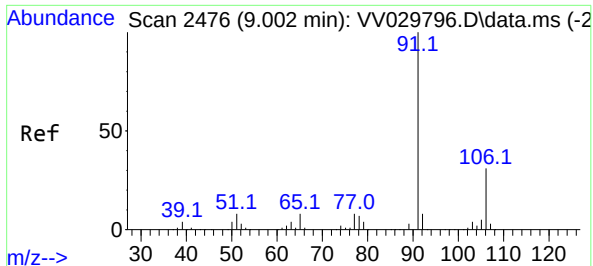
Tgt Ion:	107	Resp:	54996
Ion	Ratio	Lower	Upper
107	100		
109	91.7	66.1	122.7
188	3.9	2.9	4.3



#51
Chlorobenzene
Concen: 5.068 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:	112	Resp:	251013
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.9
77	57.0	46.1	69.1





#52

Ethylbenzene

Concen: 5.121 ug/L

RT: 9.002 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

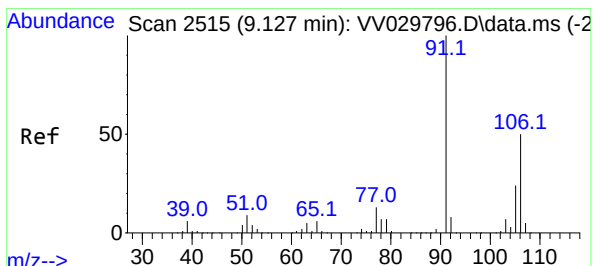
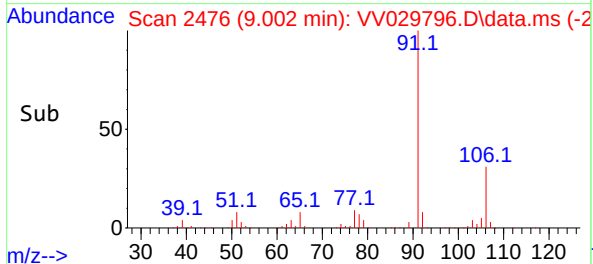
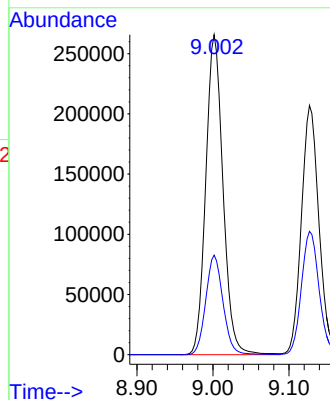
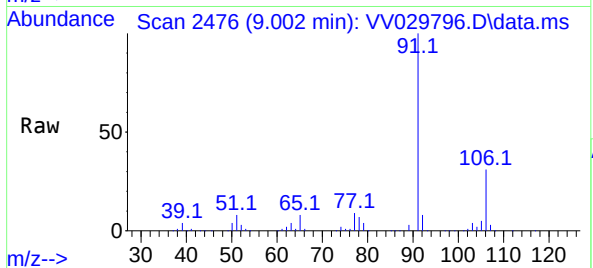
VSTD005382

Tgt Ion: 91 Resp: 418087

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 5.146 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.003 min

Lab File: VV029796.D

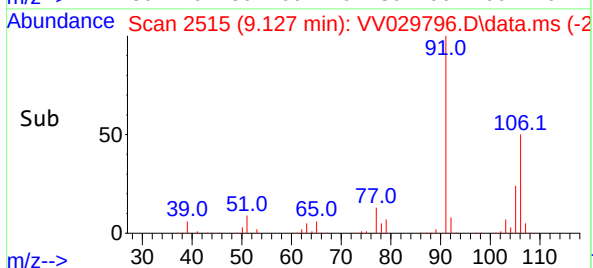
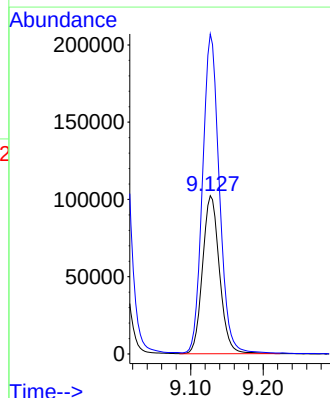
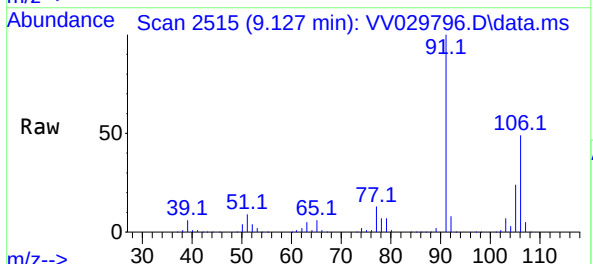
Acq: 13 Jan 2023 09:41

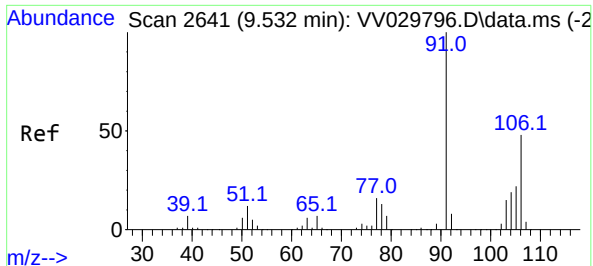
Tgt Ion: 106 Resp: 166300

Ion Ratio Lower Upper

106 100

91 202.2 138.7 257.7

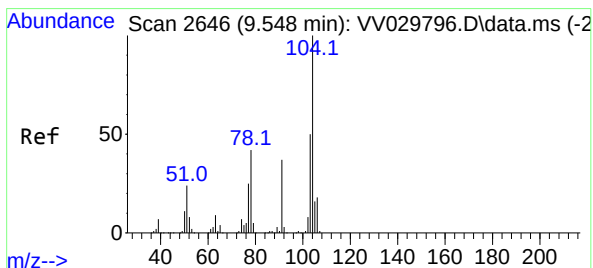
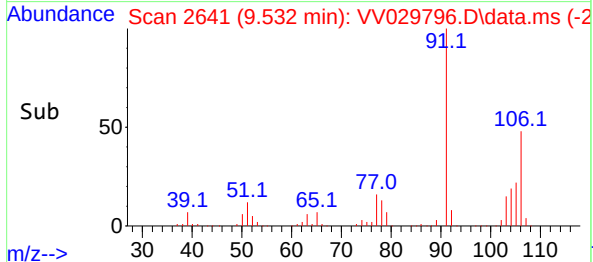
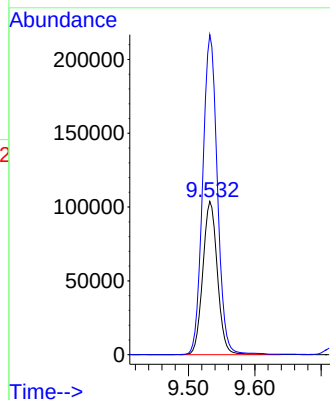
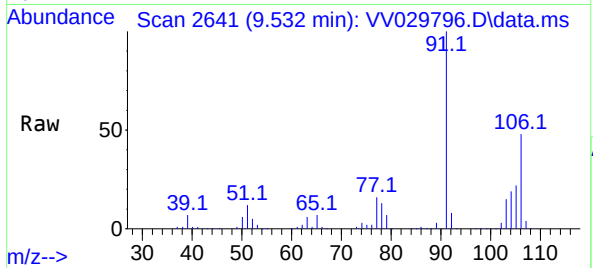




#54
o-Xylene
Concen: 5.186 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

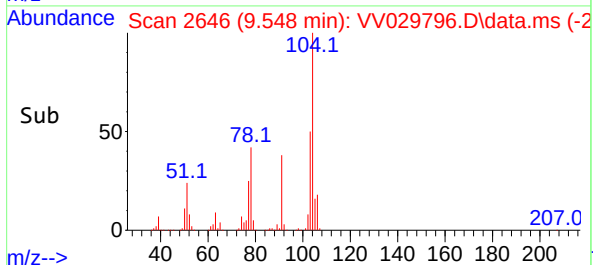
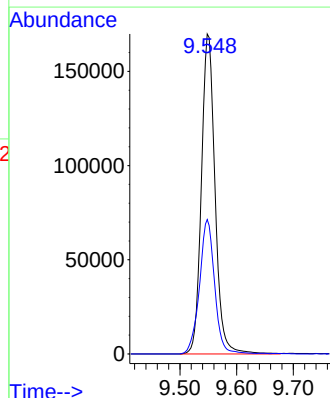
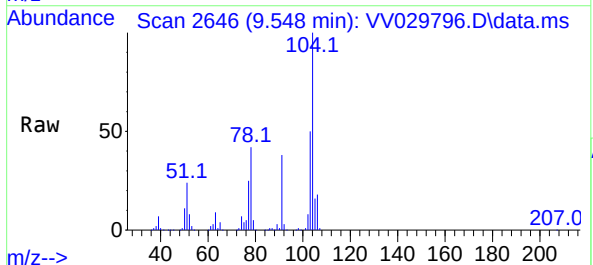
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

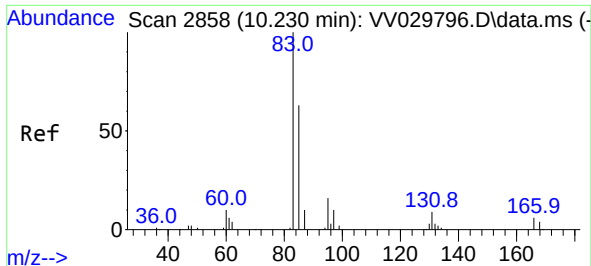
Tgt Ion:106 Resp: 159064
Ion Ratio Lower Upper
106 100
91 208.8 147.7 274.3



#55
Styrene
Concen: 5.392 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:104 Resp: 284417
Ion Ratio Lower Upper
104 100
78 42.0 28.6 53.2

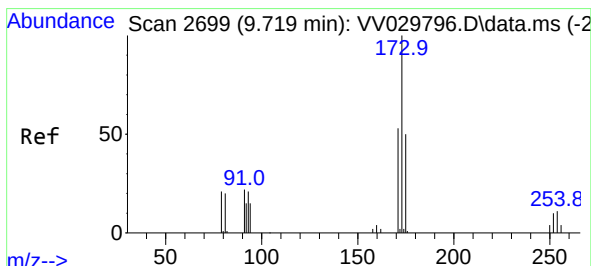
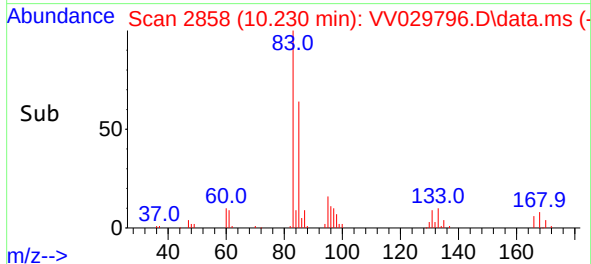
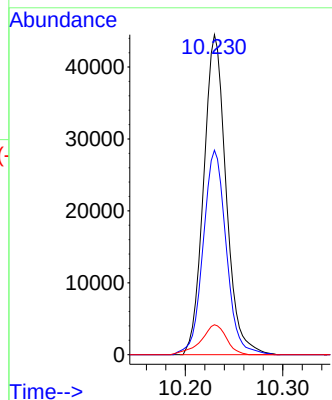
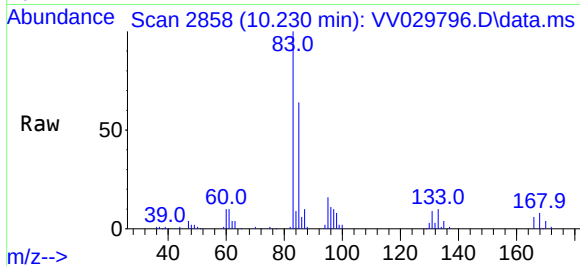




#57
1,1,2,2-Tetrachloroethane
Concen: 5.249 ug/L
RT: 10.230 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

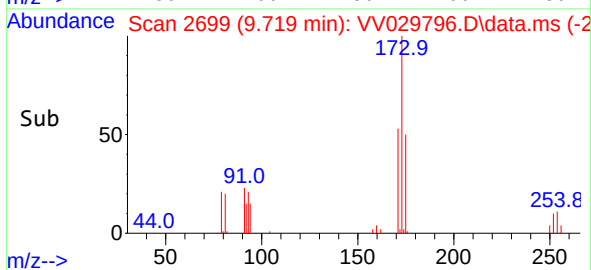
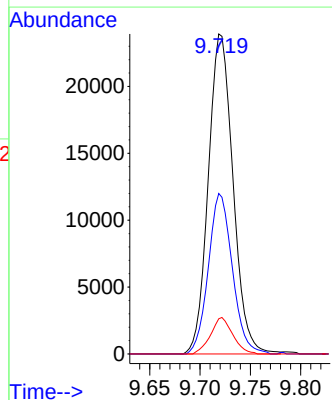
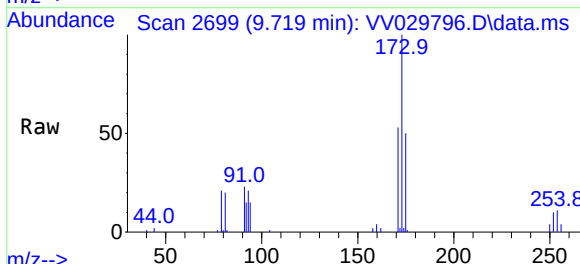
Instrument : MSVOA_V
ClientSampleId : VSTD005382

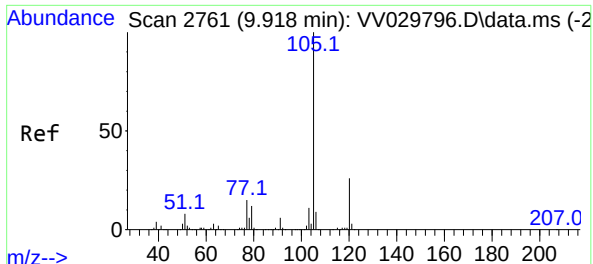
Tgt Ion:	83	Resp:	71161
Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.0	85.4
131	9.4	8.4	12.6



#59
Bromoform
Concen: 5.001 ug/L
RT: 9.719 min Scan# 2699
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:	173	Resp:	40924
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.6	57.8
254	10.2	7.9	11.9

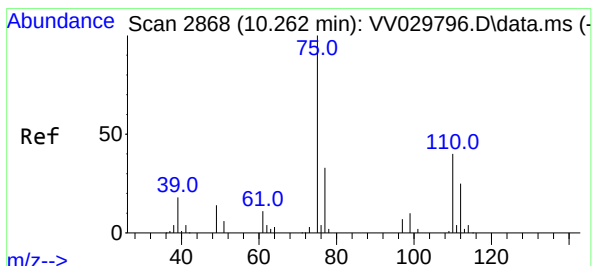
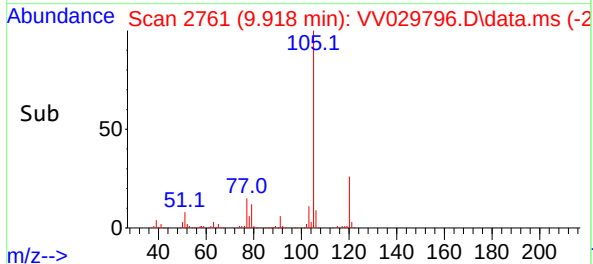
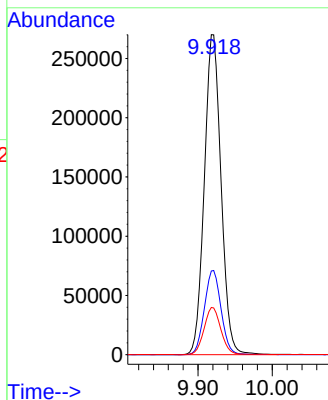
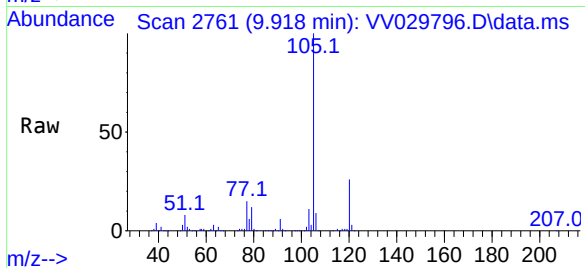




#60
Isopropylbenzene
Concen: 5.226 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

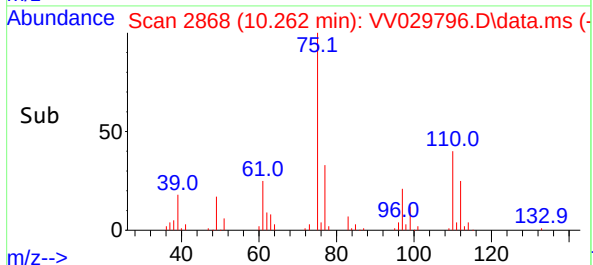
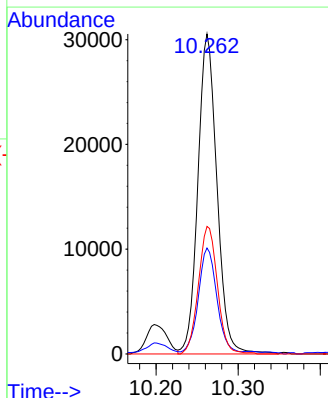
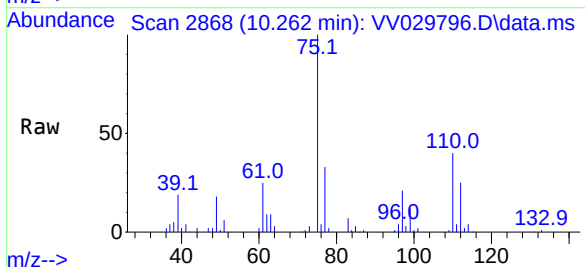
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

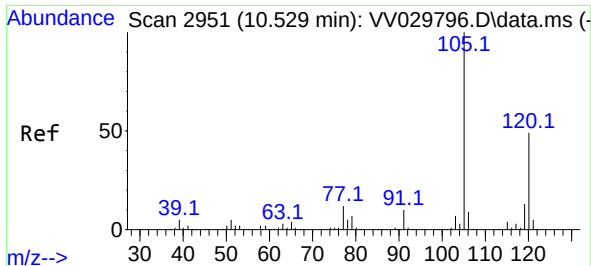
Tgt Ion:105 Resp: 421970
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.266 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion: 75 Resp: 49256
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7
110 39.5 31.8 47.8

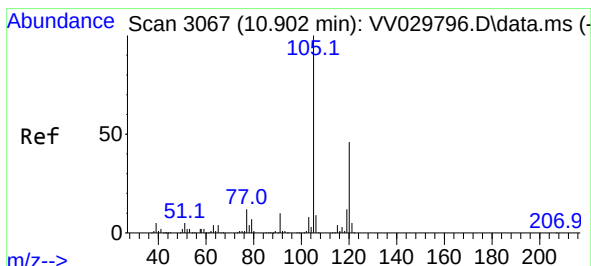
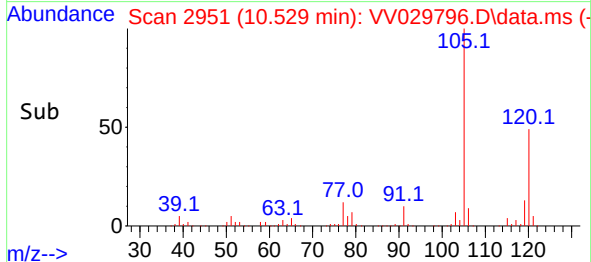
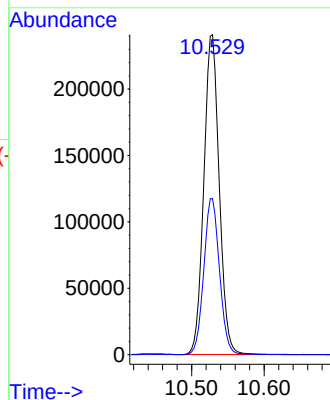
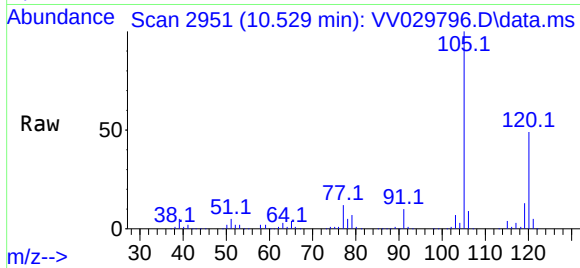




#62
1,3,5-Trimethylbenzene
Concen: 5.135 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

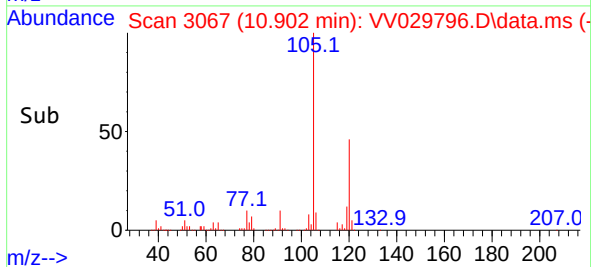
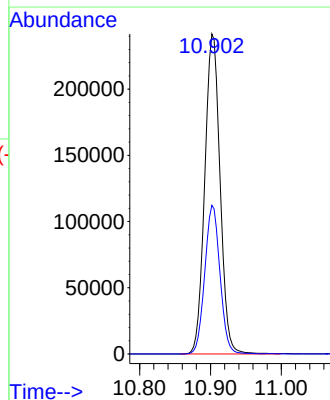
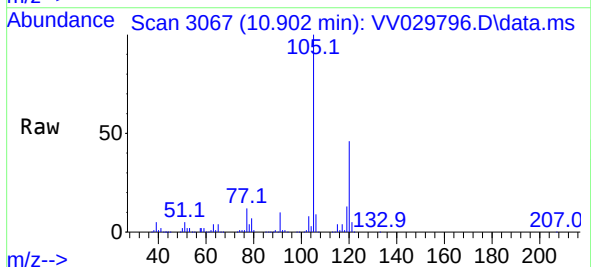
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

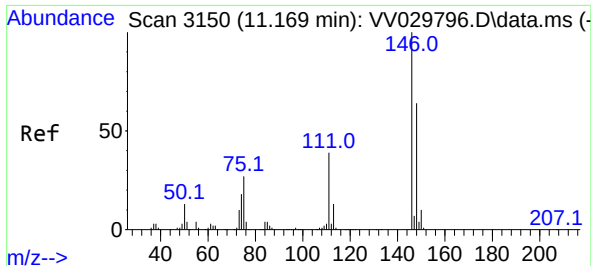
Tgt Ion:105 Resp: 355316
Ion Ratio Lower Upper
105 100
120 49.8 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.261 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:105 Resp: 363041
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

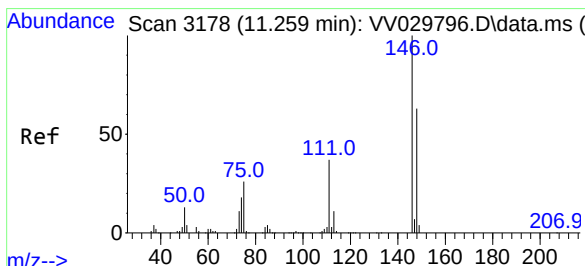
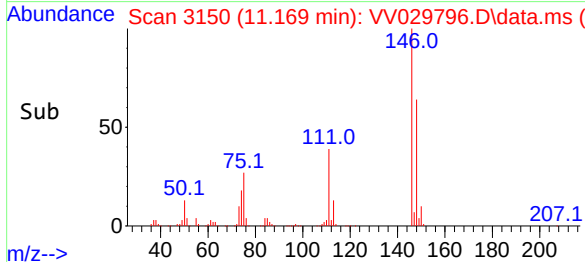
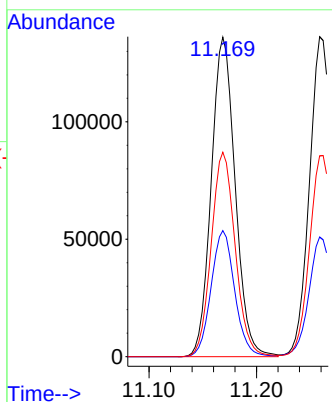
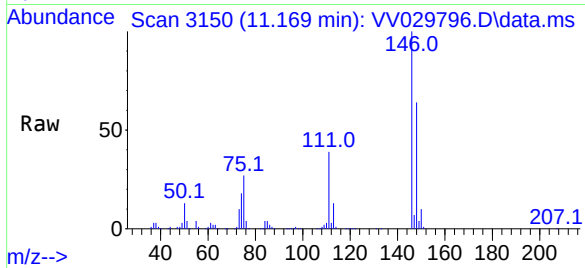




#64
1,3-Dichlorobenzene
Concen: 5.133 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

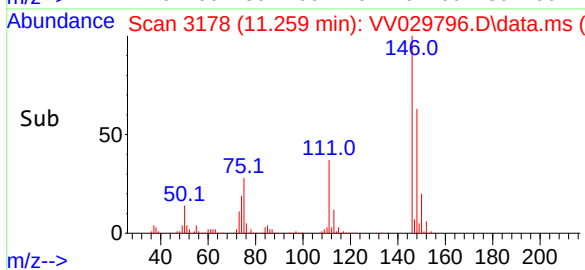
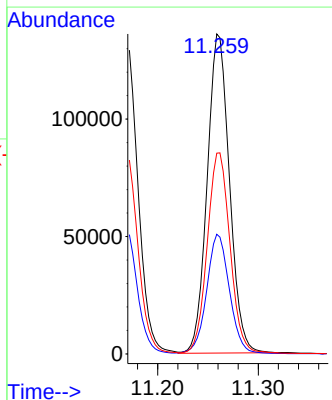
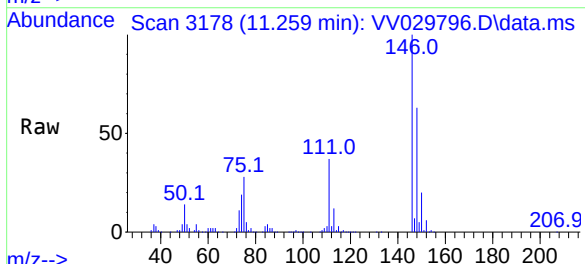
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

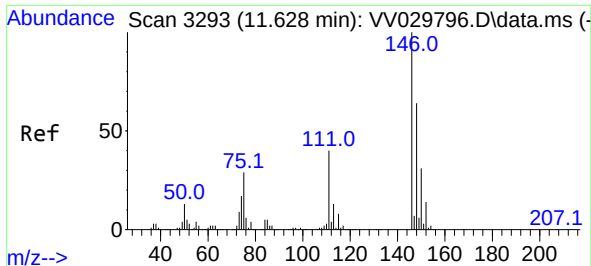
Tgt Ion:146 Resp: 210502
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.6
148 64.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.117 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:146 Resp: 209149
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.1
148 62.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.192 ug/L

RT: 11.628 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

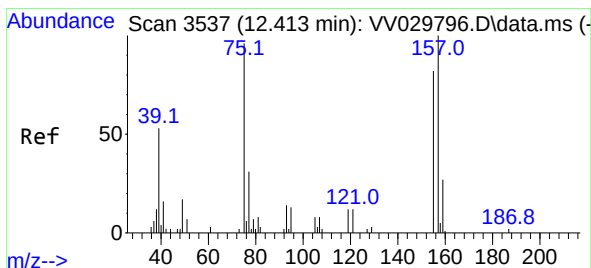
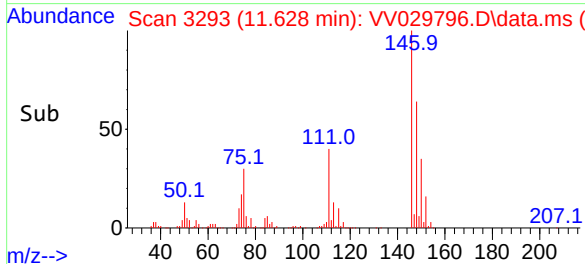
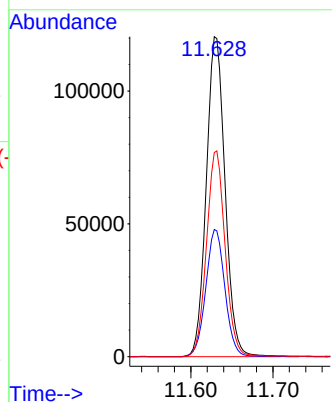
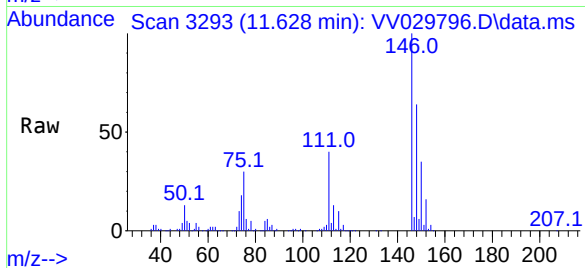
Tgt Ion:146 Resp: 191385

Ion Ratio Lower Upper

146 100

111 39.8 31.8 47.8

148 63.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.804 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VV029796.D

Acq: 13 Jan 2023 09:41

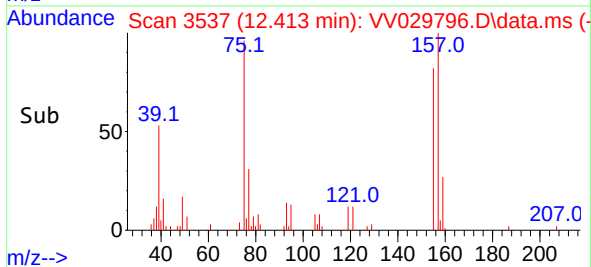
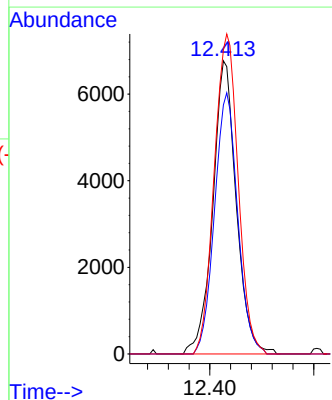
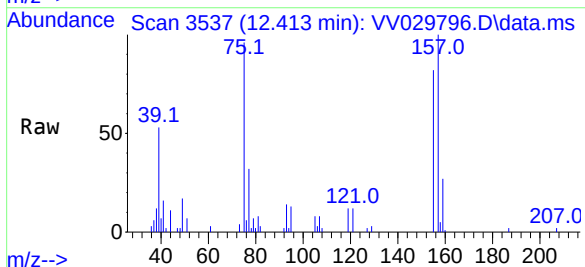
Tgt Ion: 75 Resp: 10628

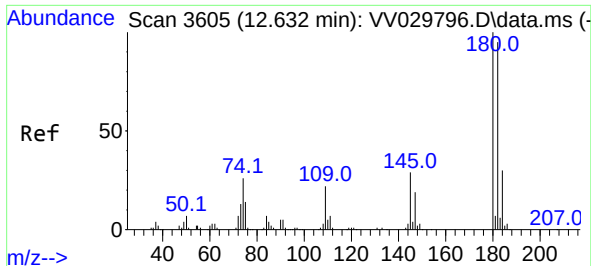
Ion Ratio Lower Upper

75 100

155 84.9 75.5 113.3

157 103.7 99.2 148.8

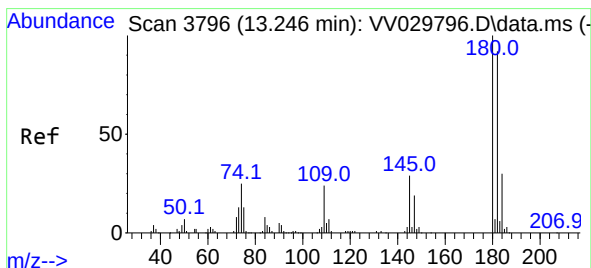
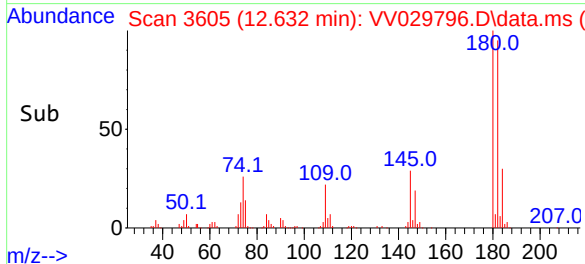
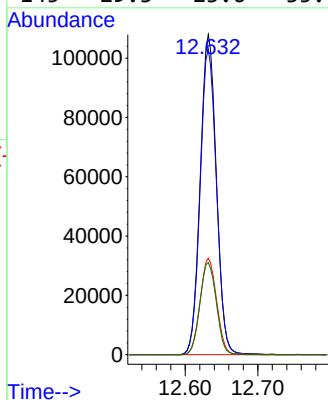
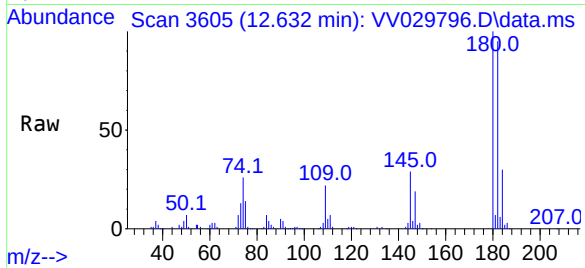




#69
1,3,5-Trichlorobenzene
Concen: 5.064 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

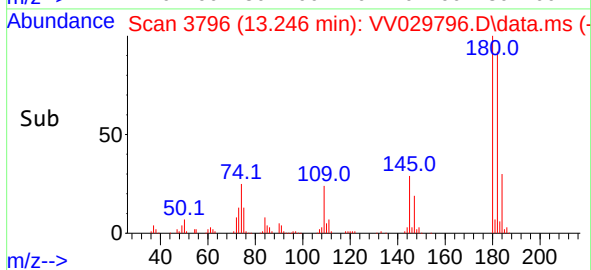
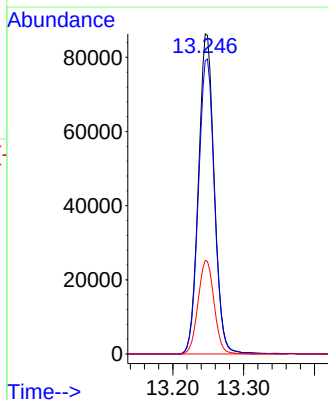
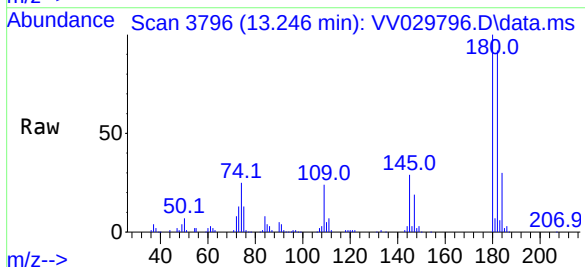
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

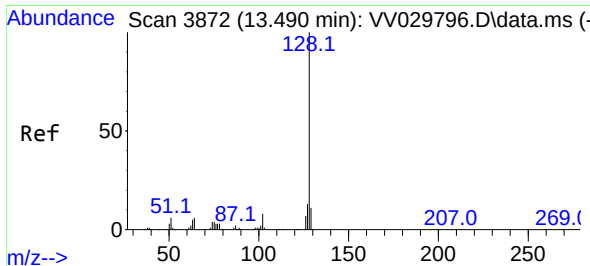
Tgt Ion:180 Resp: 167134
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.2
184 30.6 23.9 35.9
145 29.3 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 5.178 ug/L
RT: 13.246 min Scan# 3796
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:180 Resp: 133552
Ion Ratio Lower Upper
180 100
182 93.4 75.8 113.8
145 29.6 23.7 35.5

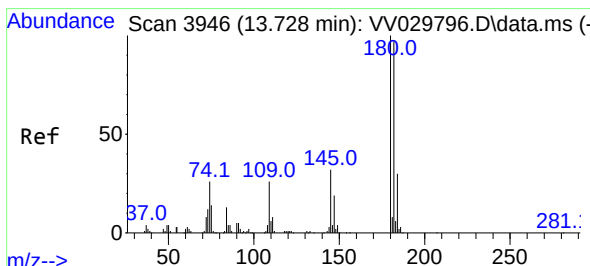
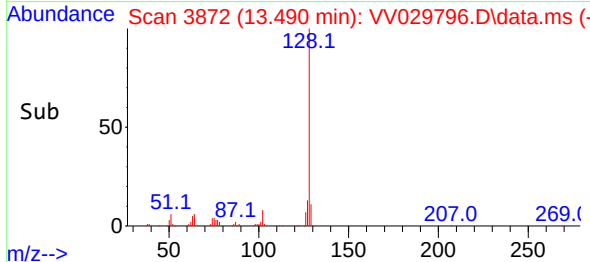
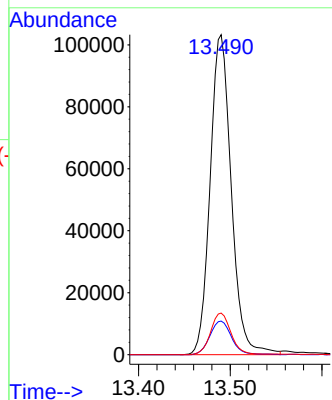
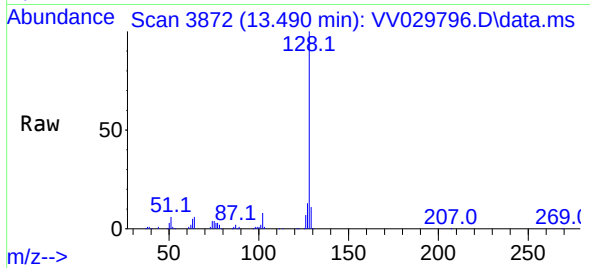




#71
Naphthalene
Concen: 4.955 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Tgt Ion:	128	Resp:	165581
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	12.5	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.212 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VV029796.D
Acq: 13 Jan 2023 09:41

Tgt Ion:	180	Resp:	111579
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.5	113.3
145	31.3	25.0	37.6

