

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW028006.D
 Acq On : 21 Sep 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Sep 21 17:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	351557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	338678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	184434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	140328	45.468	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.940%
7) Chloroethane-d5	1.561	69	117743	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	2.101	63	256992	47.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.000%
21) 2-Butanone-d5	3.873	46	213343	116.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.250%
24) Chloroform-d	4.339	84	276185	53.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.024	65	177060	52.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
32) Benzene-d6	5.043	84	521841	53.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
36) 1,2-Dichloropropane-d6	6.063	67	164592	54.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	7.310	98	472264	52.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.660%
43) trans-1,3-Dichloroprop...	7.615	79	80036	53.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.200%
47) 2-Hexanone-d5	8.085	63	172621	116.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	246084	55.465	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.940%
66) 1,2-Dichlorobenzene-d4	11.622	152	185734	51.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	125642	47.258	ug/L	99
3) Chloromethane	1.236	50	144321	46.473	ug/L	100
5) Vinyl chloride	1.304	62	150258	47.587	ug/L	97
6) Bromomethane	1.516	94	102146	49.554	ug/L	99
8) Chloroethane	1.577	64	99837	49.926	ug/L	98
9) Trichlorofluoromethane	1.744	101	233097	50.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	124581	48.823	ug/L	100
12) 1,1-Dichloroethene	2.111	96	123341	48.355	ug/L	89
13) Acetone	2.166	43	167695	102.532	ug/L	100
14) Carbon disulfide	2.285	76	348355	51.612	ug/L	99
15) Methyl Acetate	2.426	43	169156	59.873	ug/L	95
16) Methylene chloride	2.500	84	149592	50.020	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	127018	52.322	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	423771	55.609	ug/L	99
19) 1,1-Dichloroethane	3.182	63	257966	55.008	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	140791	51.999	ug/L	95
22) 2-Butanone	3.960	43	223316	114.699	ug/L	100
23) Bromochloromethane	4.239	128	77963	53.354	ug/L	97
25) Chloroform	4.368	83	265858	53.100	ug/L	98

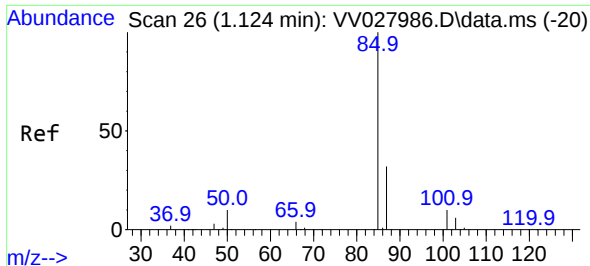
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
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 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	206073	53.071	ug/L	100
29) Cyclohexane	4.670	56	206475	55.847	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	231393	55.500	ug/L	99
31) Carbon tetrachloride	4.821	117	198882	53.715	ug/L	100
33) Benzene	5.091	78	568978	56.311	ug/L	100
34) Trichloroethene	5.908	95	130252	52.020	ug/L	98
35) Methylcyclohexane	6.127	83	218726	54.123	ug/L	98
37) 1,2-Dichloropropane	6.169	63	152892	57.683	ug/L	100
38) Bromodichloromethane	6.503	83	195094	52.713	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	215761	53.755	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	448276	118.581	ug/L	100
42) Toluene	7.384	91	596213	55.683	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	216251	54.007	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	144580	54.070	ug/L	98
46) Tetrachloroethene	7.972	164	107087	51.405	ug/L	99
48) 2-Hexanone	8.136	43	349942	114.100	ug/L	97
49) Dibromochloromethane	8.242	129	154678	52.401	ug/L	97
50) 1,2-Dibromoethane	8.349	107	146620	53.468	ug/L	96
51) Chlorobenzene	8.876	112	371356	51.953	ug/L	99
52) Ethylbenzene	9.008	91	614848	53.190	ug/L	99
53) m,p-Xylene	9.133	106	237628	53.616	ug/L	93
54) o-Xylene	9.538	106	234457	54.827	ug/L	99
55) Styrene	9.558	104	424688	55.967	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	244076	54.421	ug/L	99
59) Bromoform	9.728	173	114687	53.736	ug/L	99
60) Isopropylbenzene	9.927	105	613199	56.216	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	198714	57.397	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	520171	55.765	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	522496	56.168	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	286557	51.543	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	294973	51.786	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	300028	53.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	56931	53.514	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	219831	50.424	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	190488	48.757	ug/L	99
71) Naphthalene	13.496	128	655075	52.228	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	208702	51.722	ug/L	99

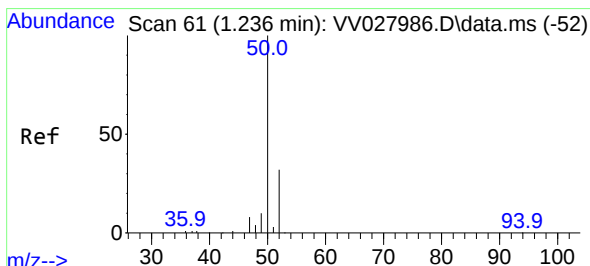
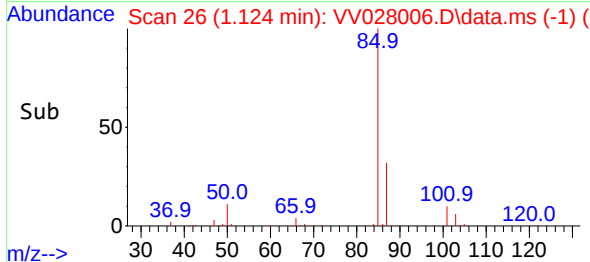
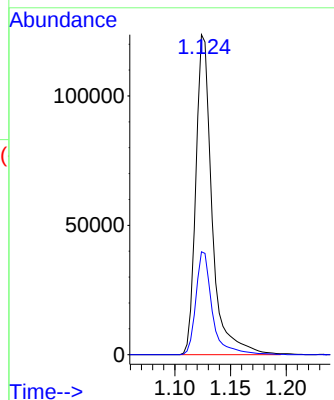
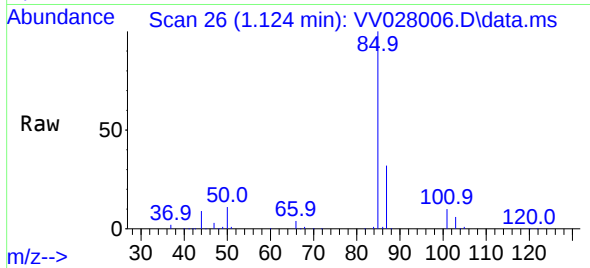
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.258 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028006.D
 Acq: 21 Sep 2022 09:39

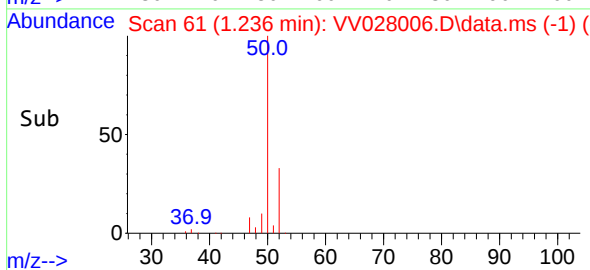
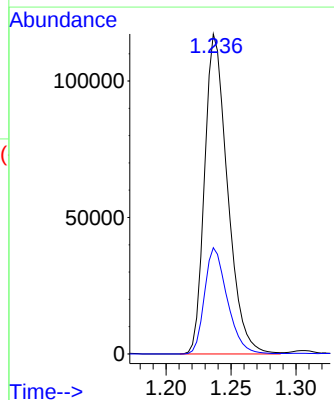
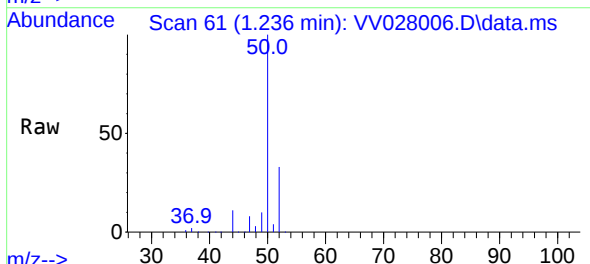
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

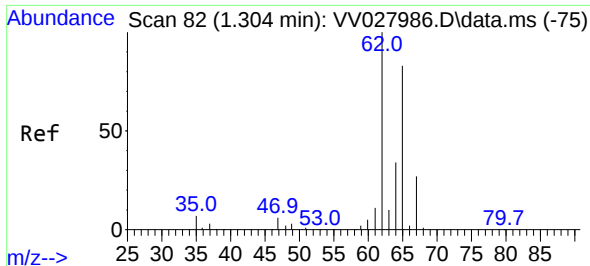
Tgt Ion: 85 Resp: 125642
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 46.473 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028006.D
 Acq: 21 Sep 2022 09:39

Tgt Ion: 50 Resp: 144321
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.0

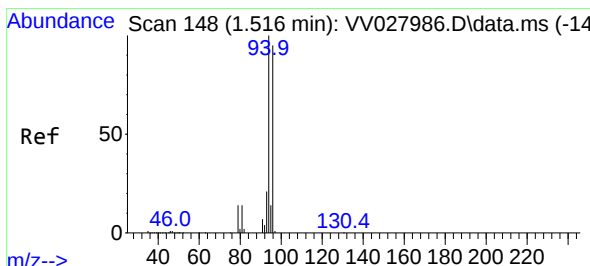
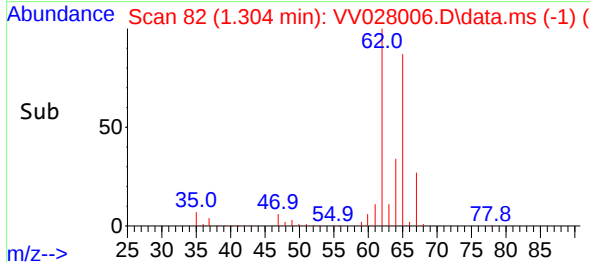
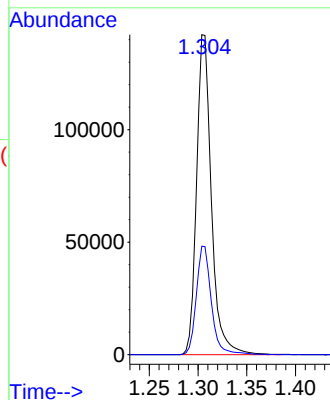
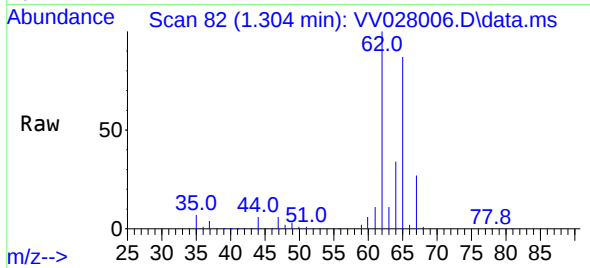




#5
 Vinyl chloride
 Concen: 47.587 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028006.D
 Acq: 21 Sep 2022 09:39

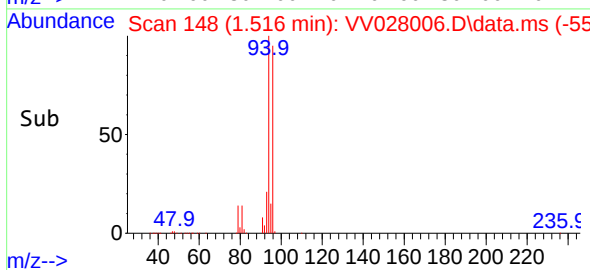
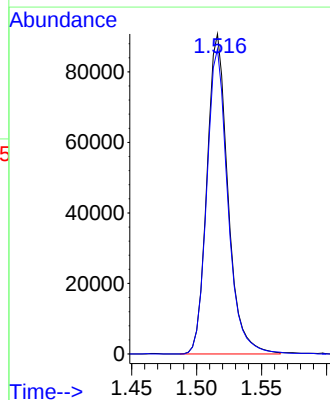
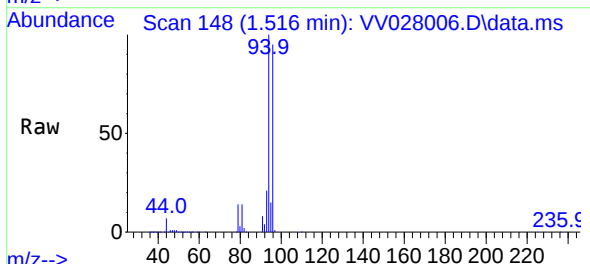
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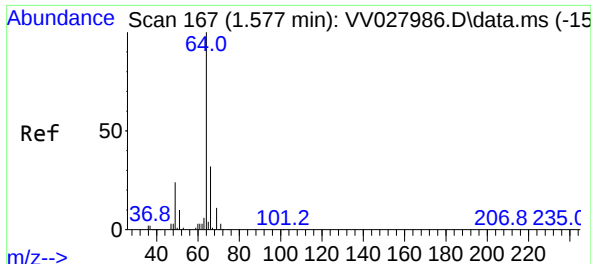
Tgt Ion: 62 Resp: 150258
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.3



#6
 Bromomethane
 Concen: 49.554 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028006.D
 Acq: 21 Sep 2022 09:39

Tgt Ion: 94 Resp: 102146
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.4 123.2

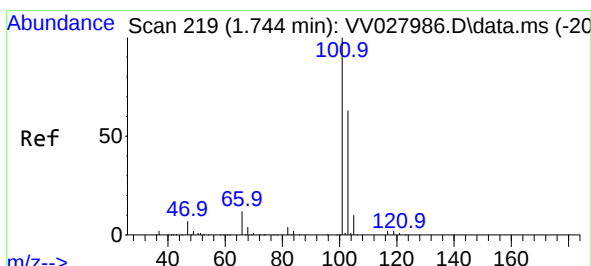
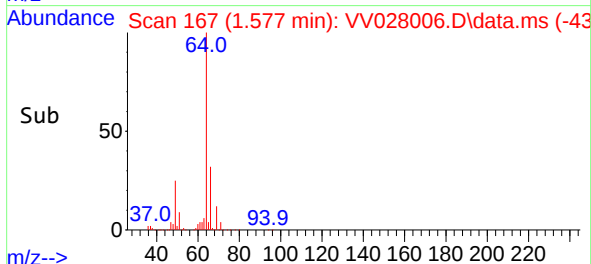
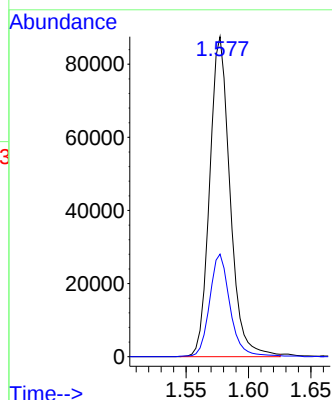
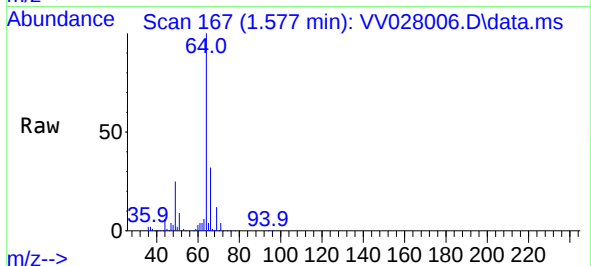




#8
Chloroethane
Concen: 49.926 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

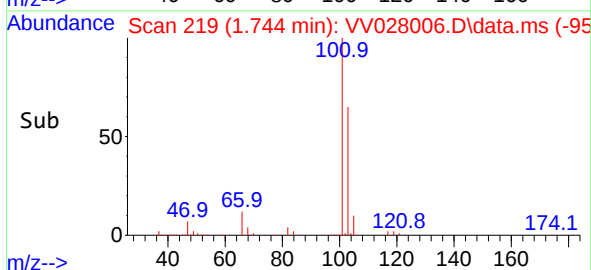
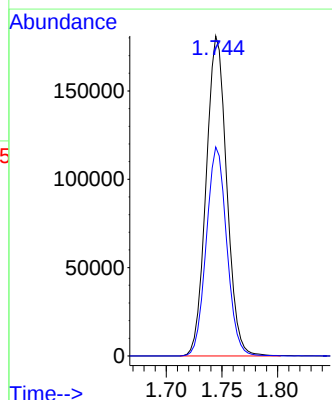
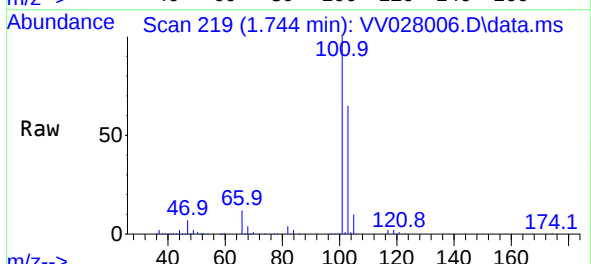
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

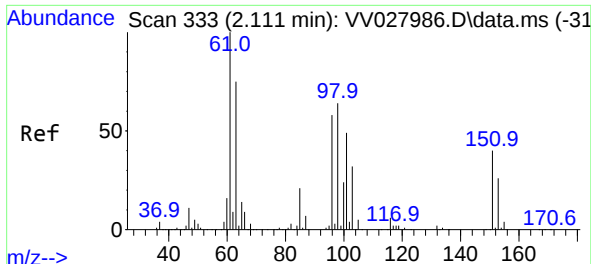
Tgt Ion: 64 Resp: 99837
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.114 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:101 Resp: 233097
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

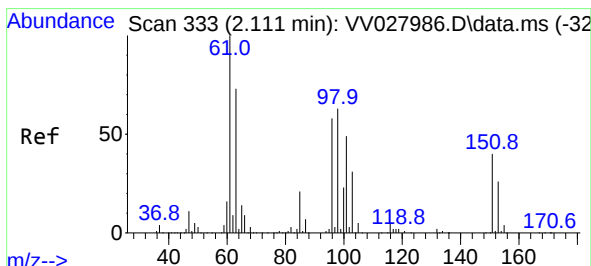
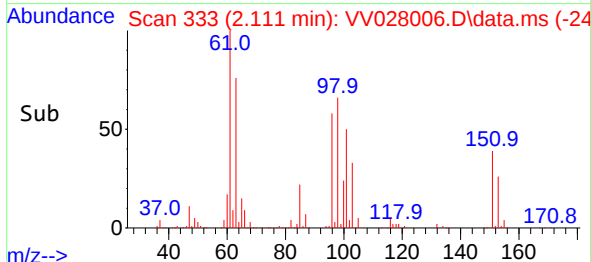
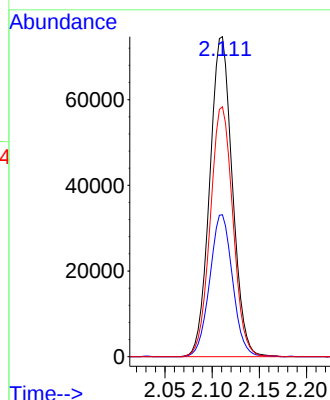
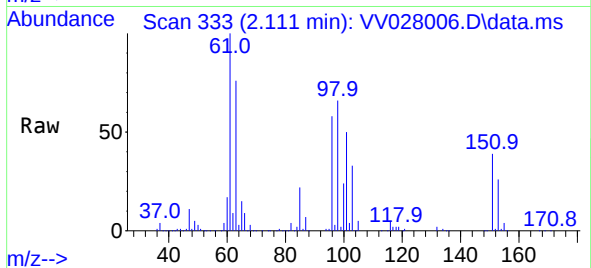




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.823 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

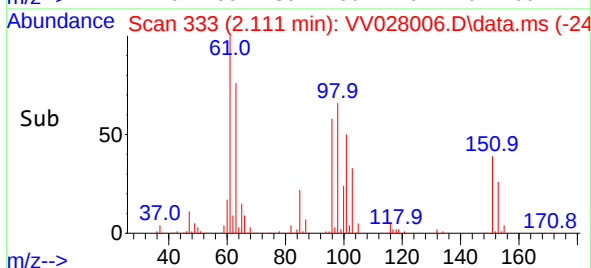
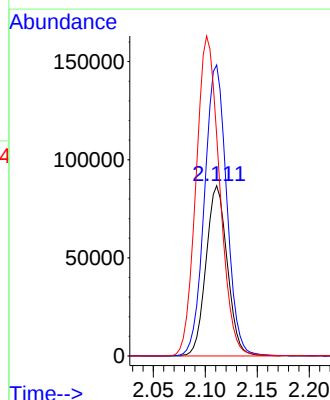
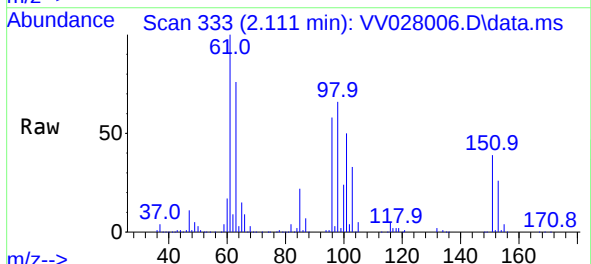
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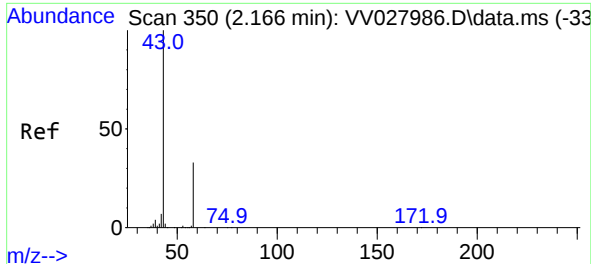
Tgt Ion:101 Resp: 124581
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 78.3 62.2 93.4



#12
1,1-Dichloroethene
Concen: 48.355 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 96 Resp: 123341
Ion Ratio Lower Upper
96 100
61 171.1 123.7 229.7
63 129.7 108.6 201.6





#13

Acetone

Concen: 102.532 ug/L

RT: 2.166 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

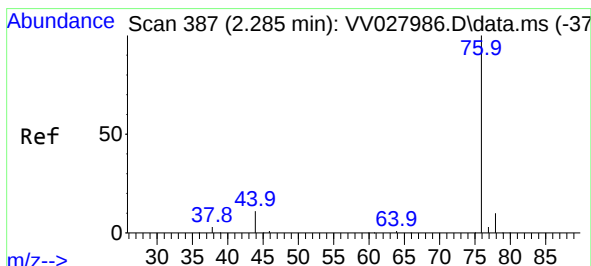
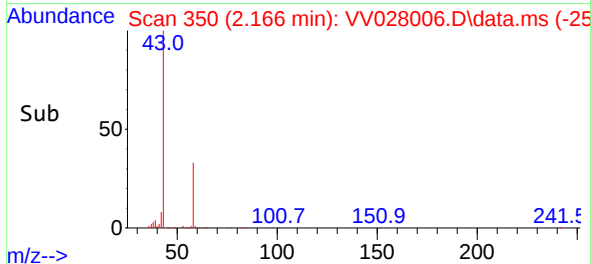
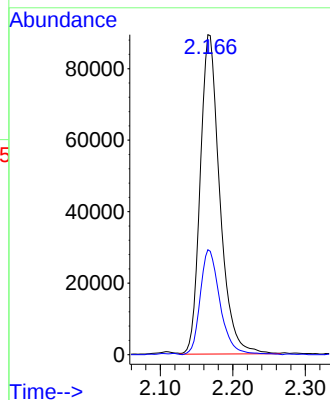
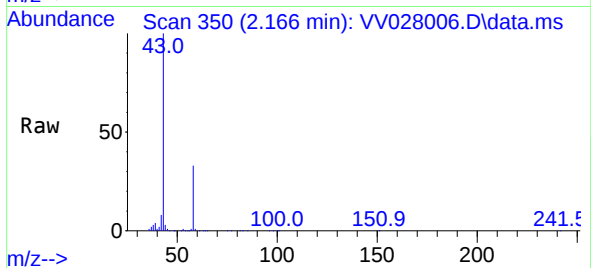
VSTD050344

Tgt Ion: 43 Resp: 167695

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.2



#14

Carbon disulfide

Concen: 51.612 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028006.D

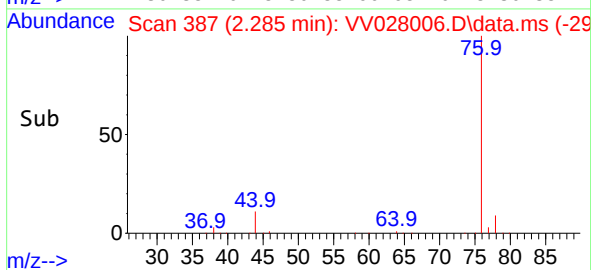
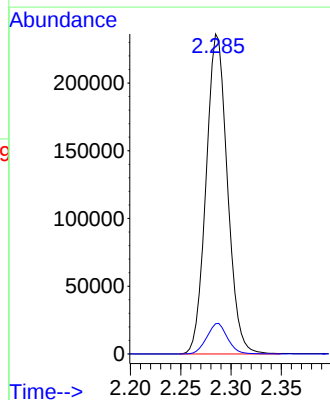
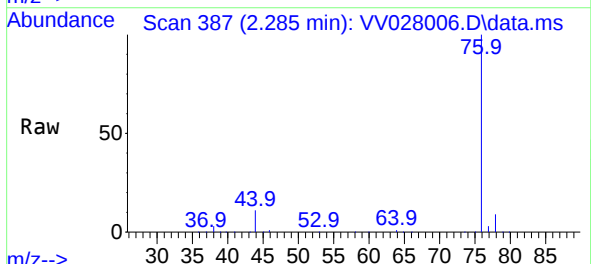
Acq: 21 Sep 2022 09:39

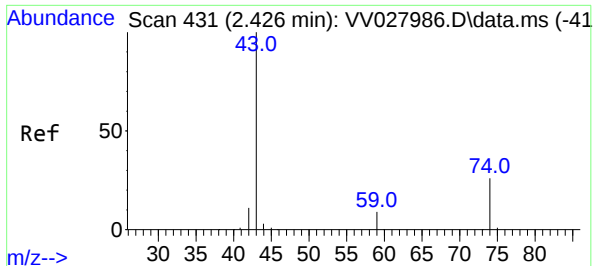
Tgt Ion: 76 Resp: 348355

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

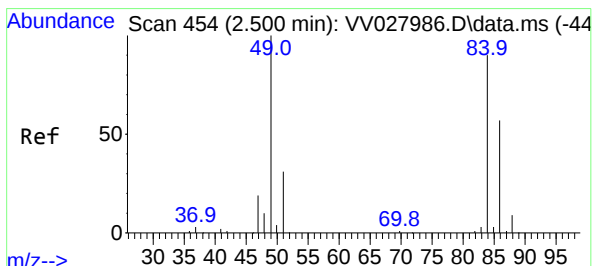
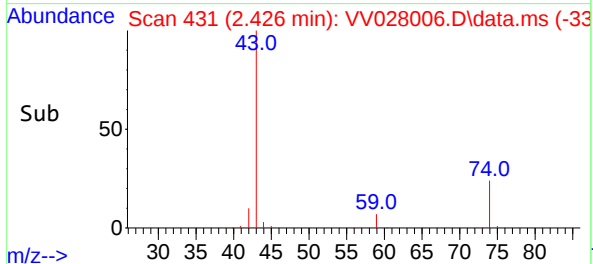
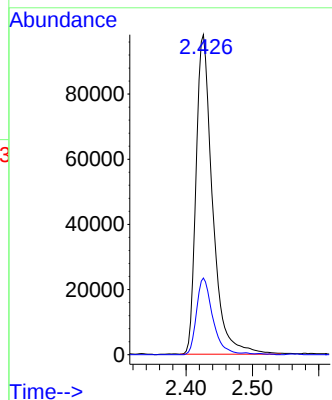
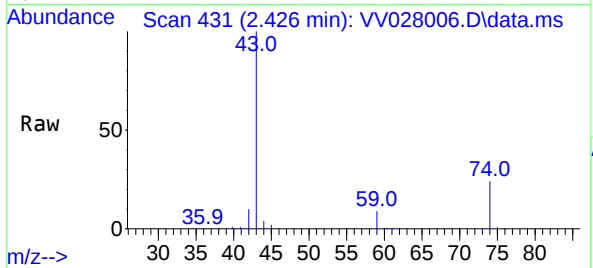




#15
Methyl Acetate
Concen: 59.873 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

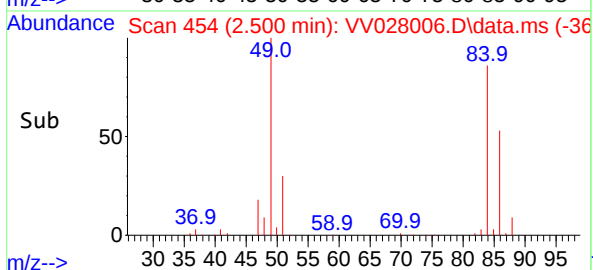
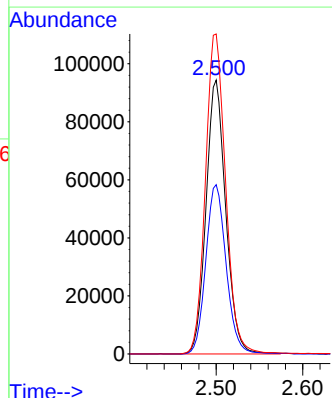
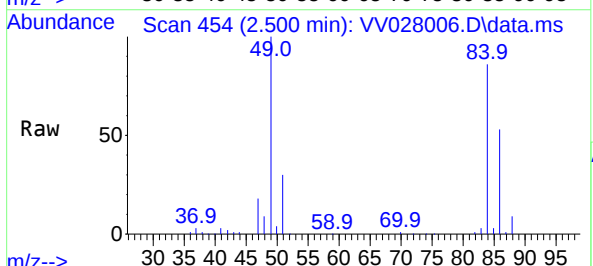
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

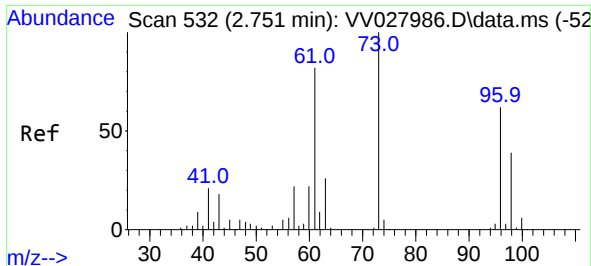
Tgt Ion: 43 Resp: 169156
Ion Ratio Lower Upper
43 100
74 23.5 20.9 31.3



#16
Methylene chloride
Concen: 50.020 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 84 Resp: 149592
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.2
49 116.9 80.8 150.0

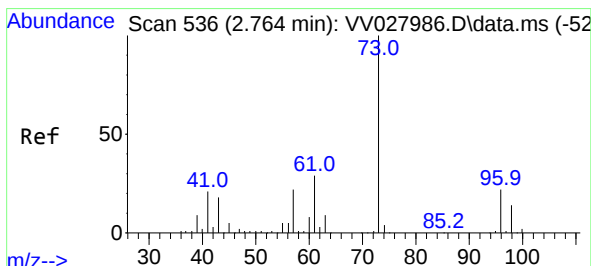
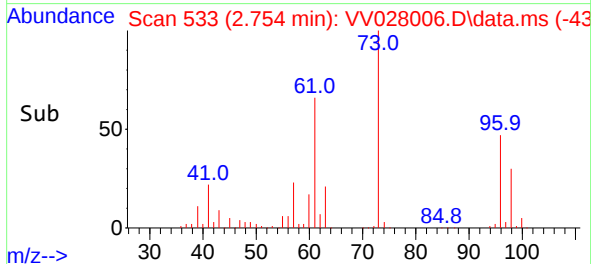
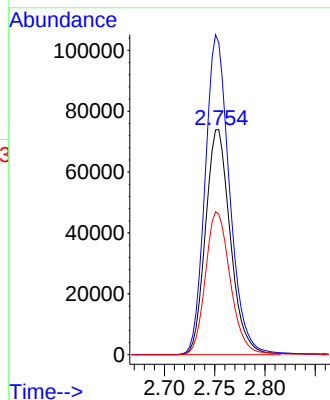
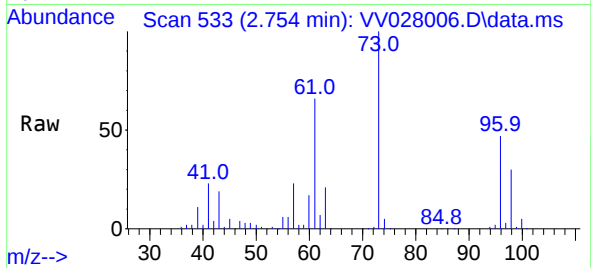




#17
trans-1,2-Dichloroethene
Concen: 52.322 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

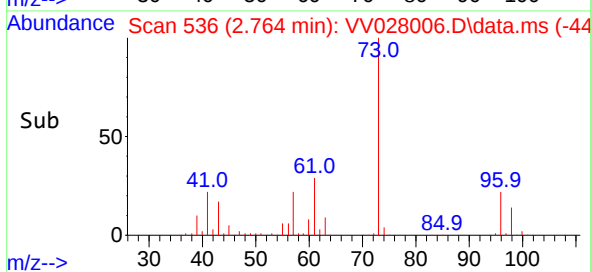
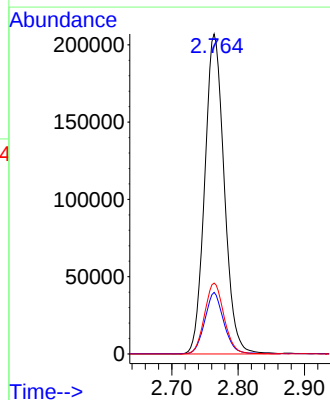
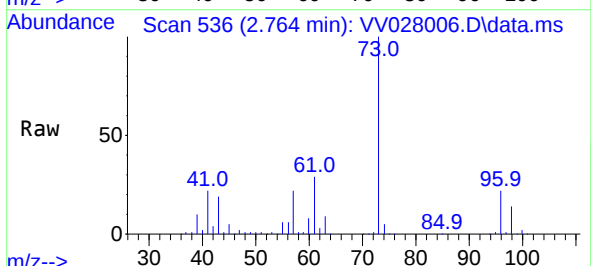
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

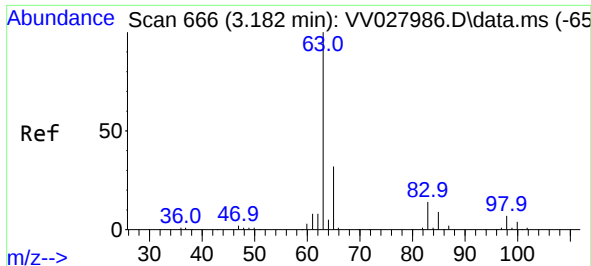
Tgt Ion: 96 Resp: 127018
Ion Ratio Lower Upper
96 100
61 138.6 92.3 171.5
98 62.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 55.609 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 73 Resp: 423771
Ion Ratio Lower Upper
73 100
43 18.6 14.5 21.7
57 22.2 17.4 26.0

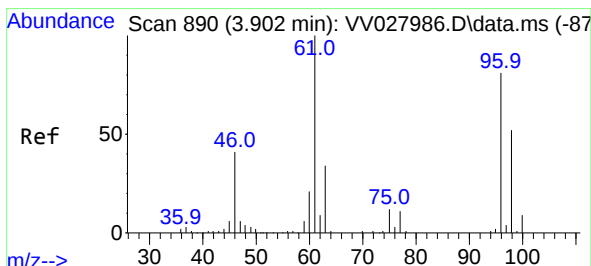
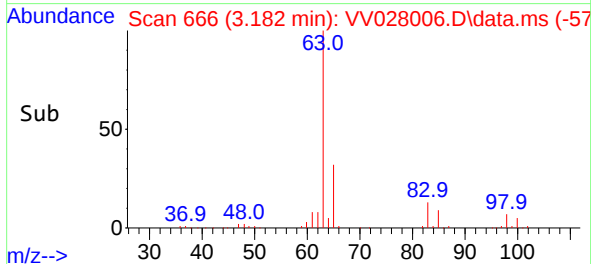
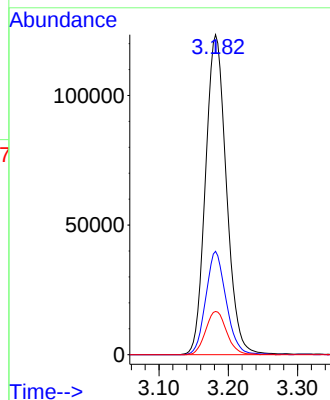
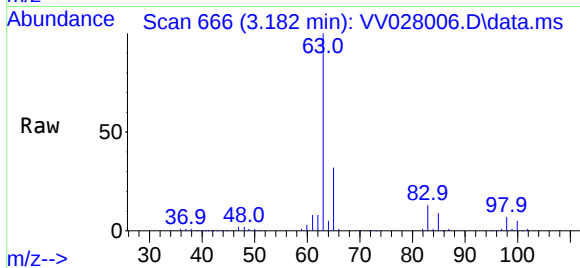




#19
1,1-Dichloroethane
Concen: 55.008 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

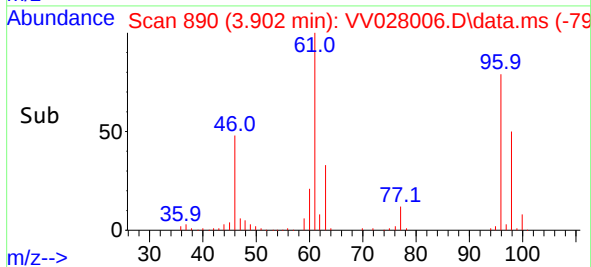
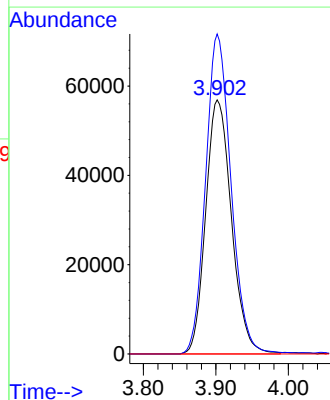
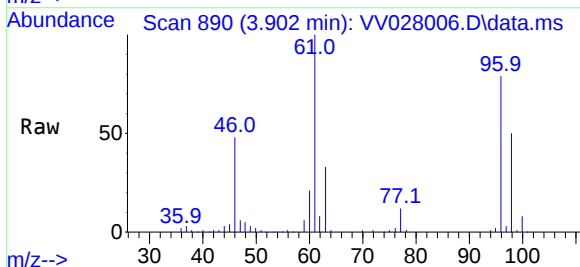
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

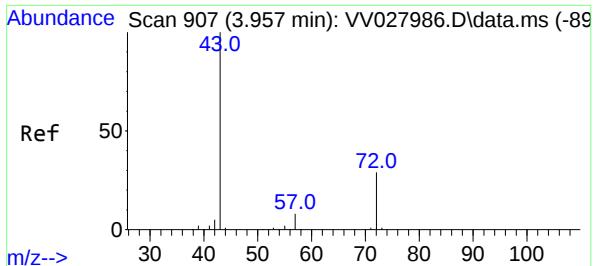
Tgt Ion: 63 Resp: 257966
Ion Ratio Lower Upper
63 100
65 32.3 22.5 41.7
83 13.5 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 51.999 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 96 Resp: 140791
Ion Ratio Lower Upper
96 100
61 126.0 84.4 156.8
68 0.0 0.0 0.0

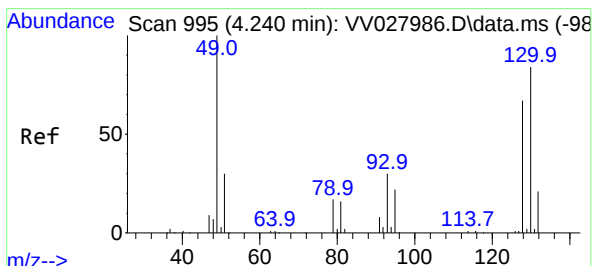
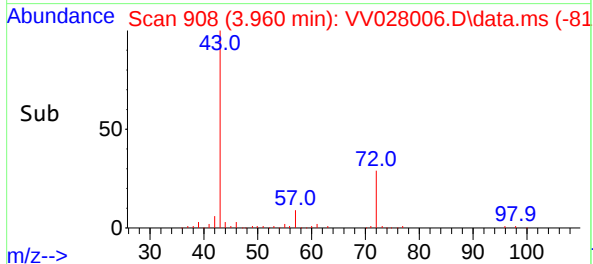
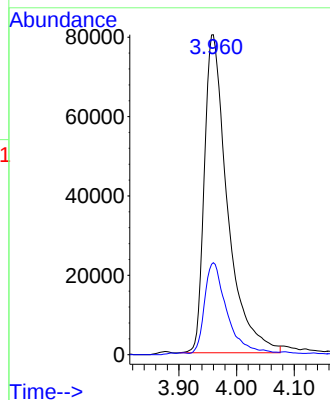
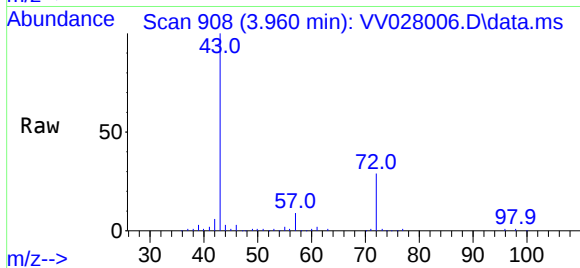




#22
2-Butanone
Concen: 114.699 ug/L
RT: 3.960 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

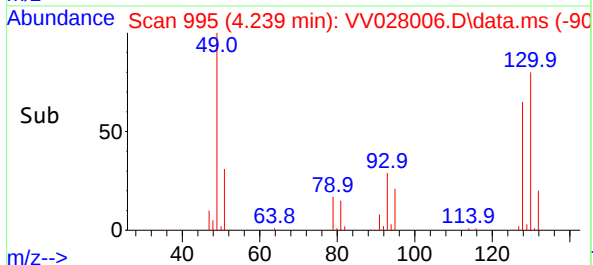
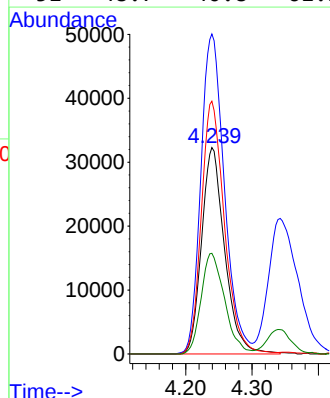
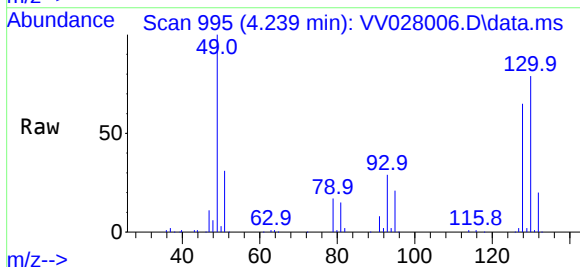
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

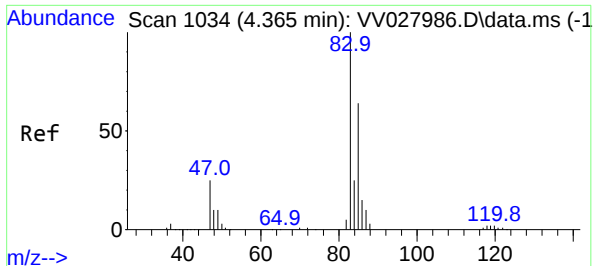
Tgt Ion: 43 Resp: 223316
Ion Ratio Lower Upper
43 100
72 26.8 13.5 40.4



#23
Bromochloromethane
Concen: 53.354 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 128 Resp: 77963
Ion Ratio Lower Upper
128 100
49 155.0 107.0 198.6
130 122.5 88.3 164.1
51 48.7 40.8 61.2





#25

Chloroform

Concen: 53.100 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

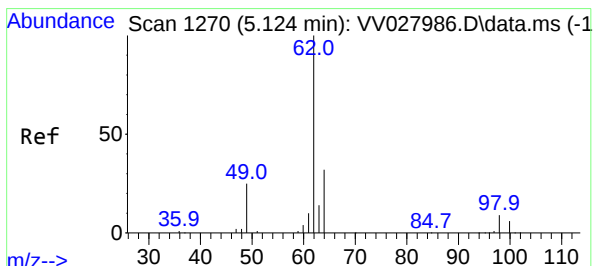
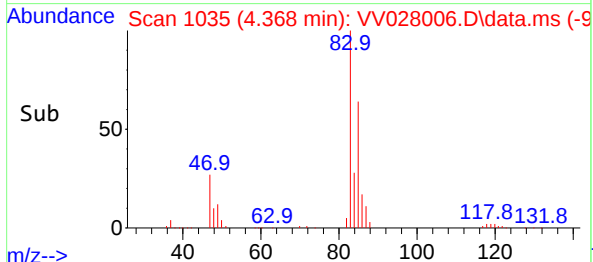
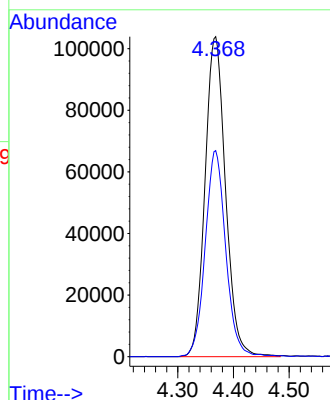
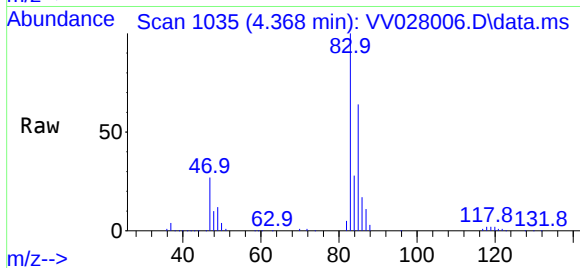
VSTD050344

Tgt Ion: 83 Resp: 265858

Ion Ratio Lower Upper

83 100

85 64.4 46.3 85.9



#27

1,2-Dichloroethane

Concen: 53.071 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028006.D

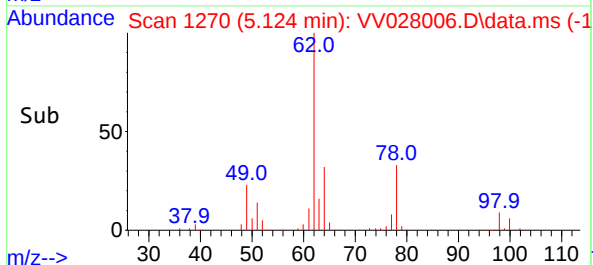
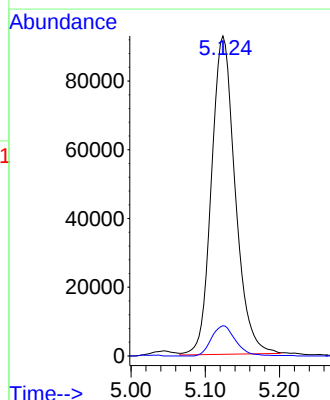
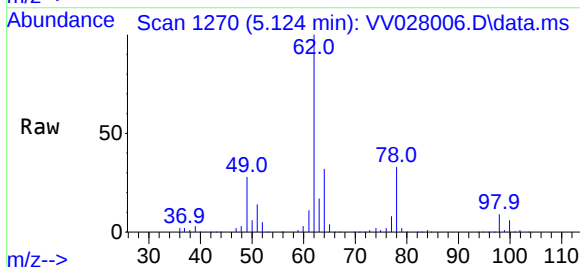
Acq: 21 Sep 2022 09:39

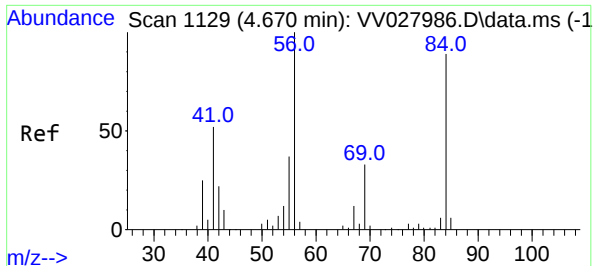
Tgt Ion: 62 Resp: 206073

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 55.847 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050344

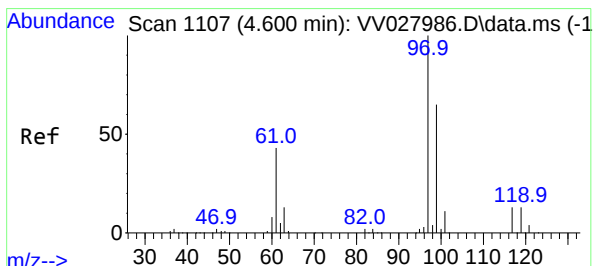
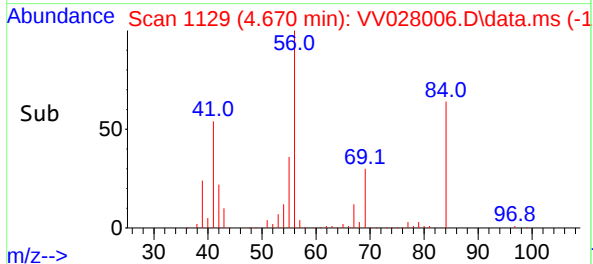
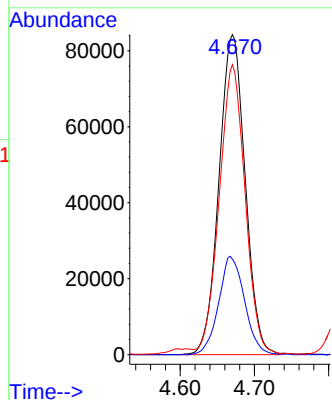
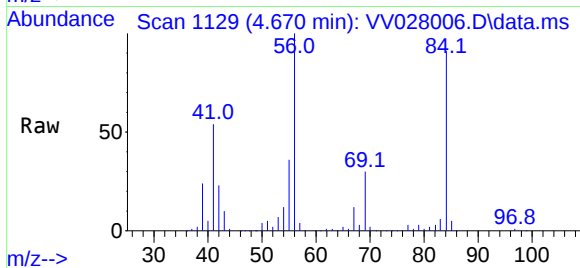
Tgt Ion: 56 Resp: 206475

Ion Ratio Lower Upper

56 100

69 30.4 24.6 36.8

84 89.1 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 55.500 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

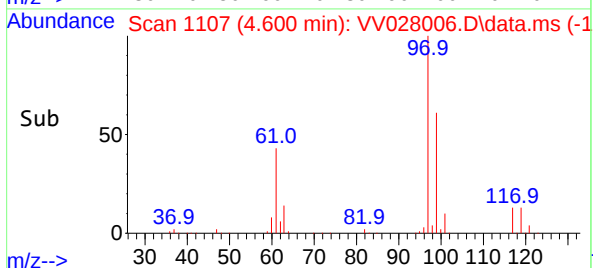
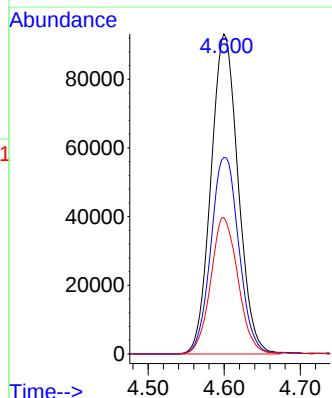
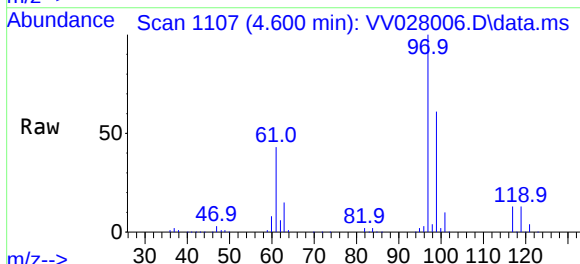
Tgt Ion: 97 Resp: 231393

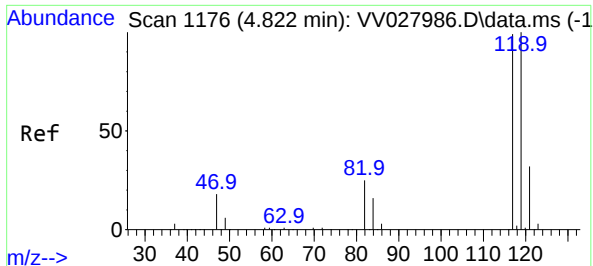
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.0

61 42.8 35.2 52.8

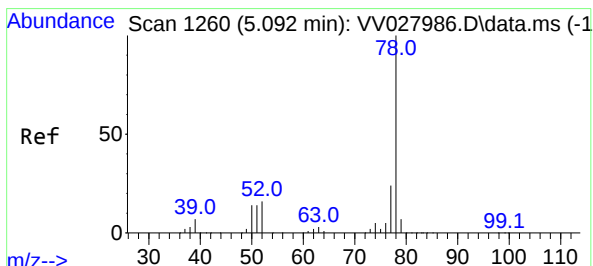
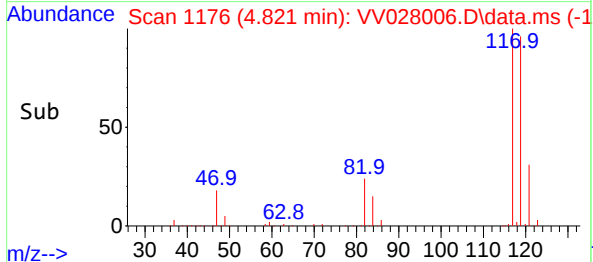
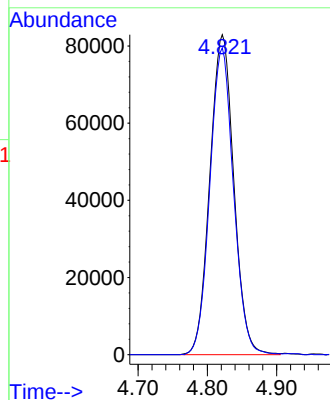
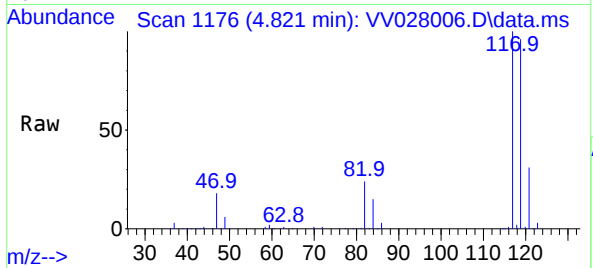




#31
Carbon tetrachloride
Concen: 53.715 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

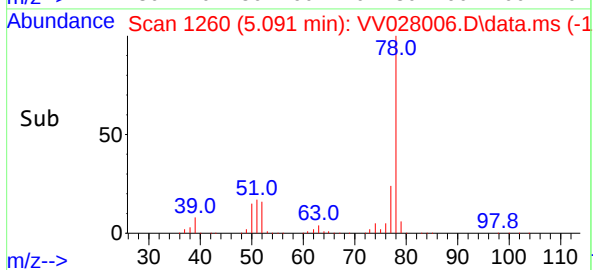
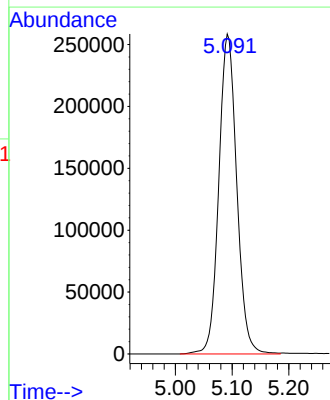
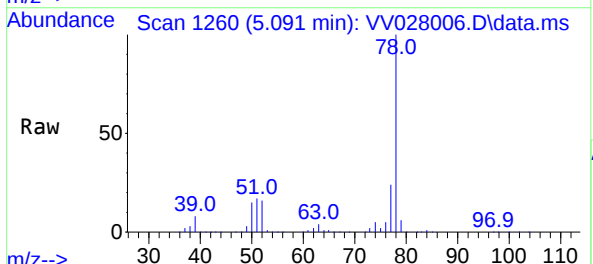
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

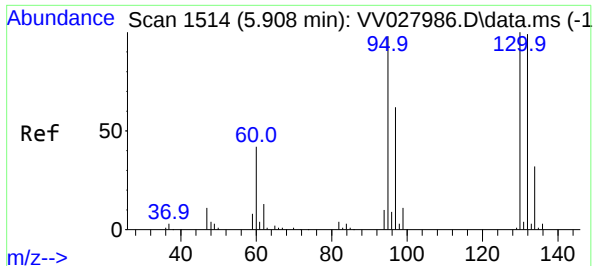
Tgt Ion:117 Resp: 198882
Ion Ratio Lower Upper
117 100
119 94.8 75.6 113.4



#33
Benzene
Concen: 56.311 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 78 Resp: 568978

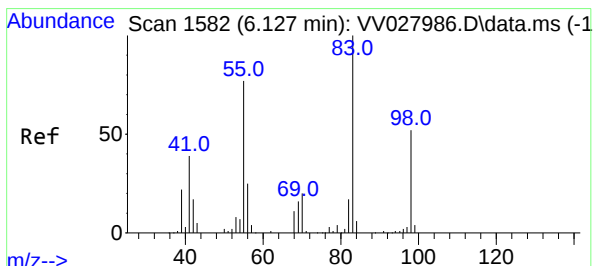
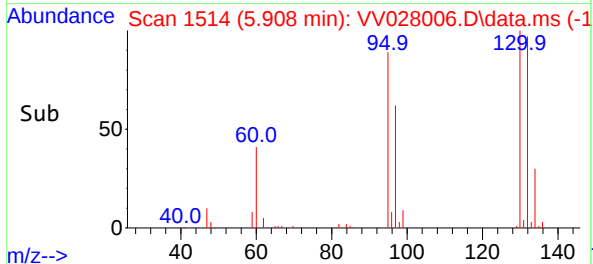
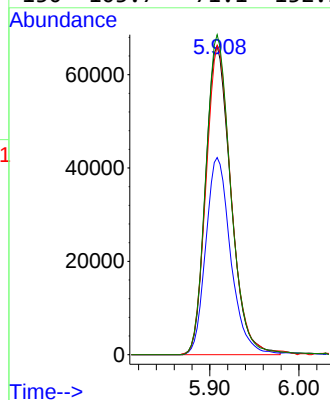
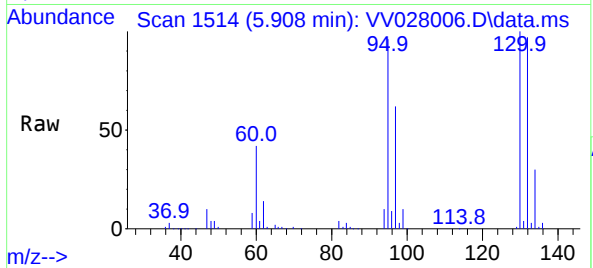




#34
Trichloroethene
Concen: 52.020 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

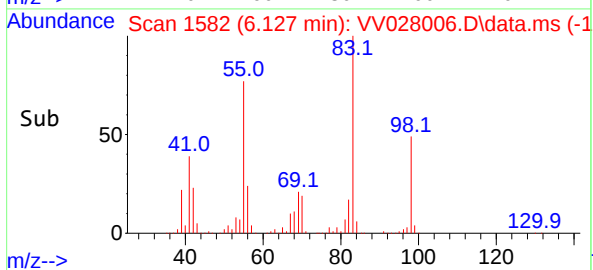
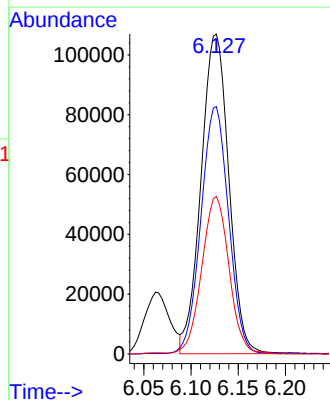
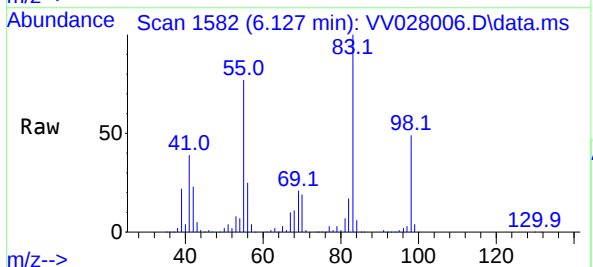
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

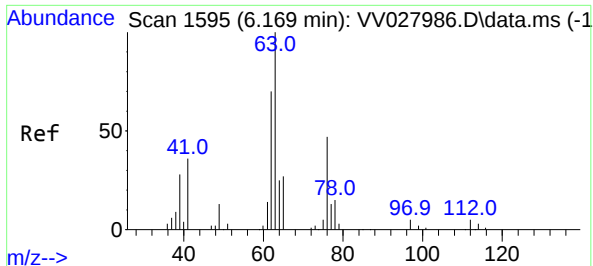
Tgt Ion: 95 Resp: 130252
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.2
132 100.2 69.2 128.6
130 103.7 71.1 132.1



#35
Methylcyclohexane
Concen: 54.123 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 83 Resp: 218726
Ion Ratio Lower Upper
83 100
55 76.7 63.0 94.4
98 48.5 39.5 59.3

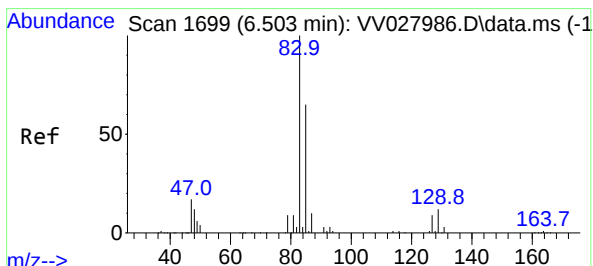
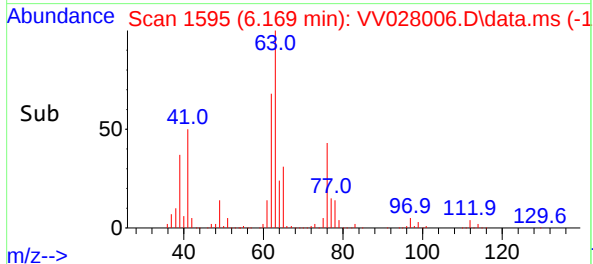
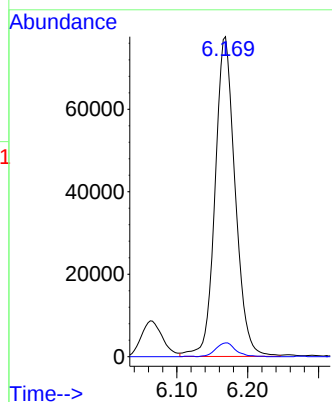
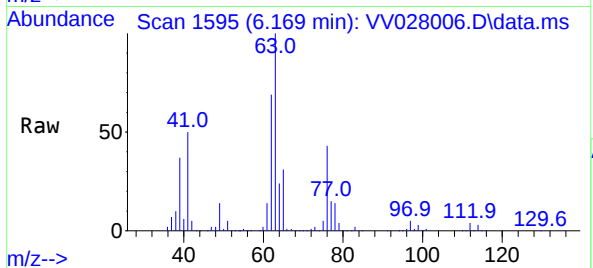




#37
1,2-Dichloropropane
Concen: 57.683 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

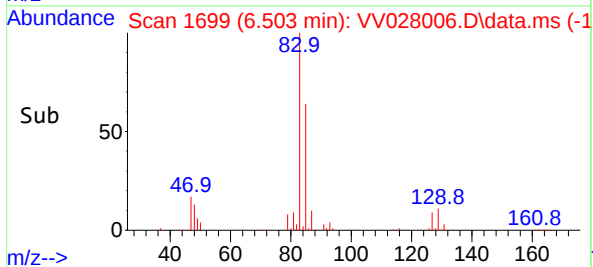
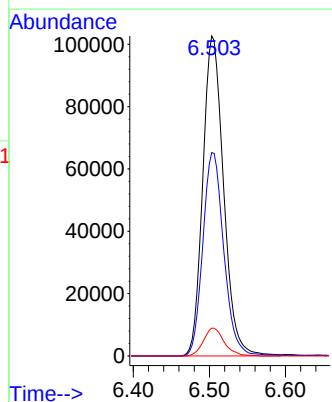
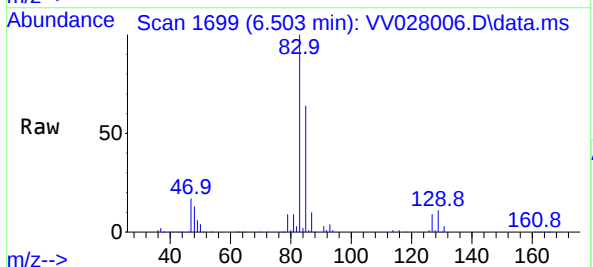
Instrument : MSVOA_V
ClientSampleId : VSTD050344

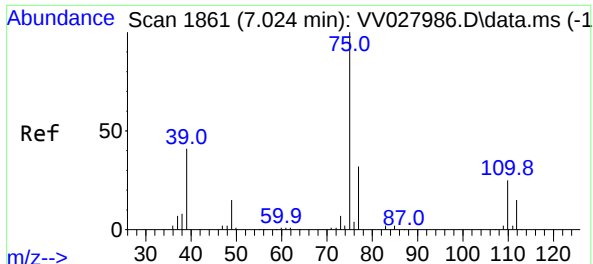
Tgt Ion: 63 Resp: 152892
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 52.713 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 83 Resp: 195094
Ion Ratio Lower Upper
83 100
85 63.6 44.2 82.0
127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 53.755 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

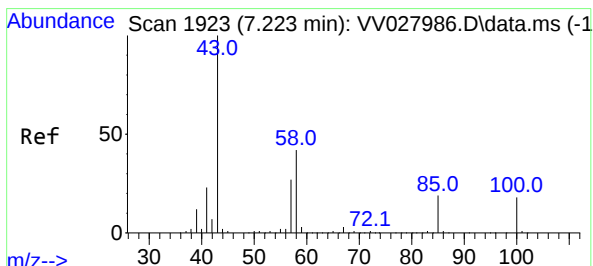
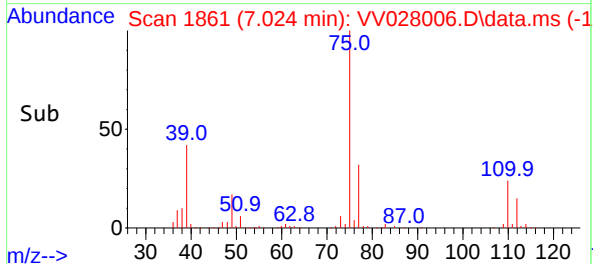
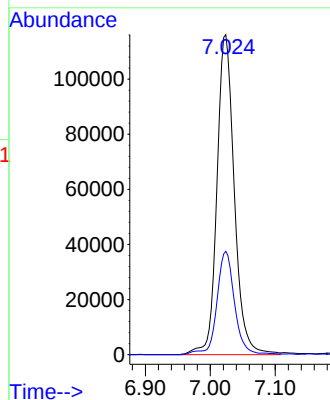
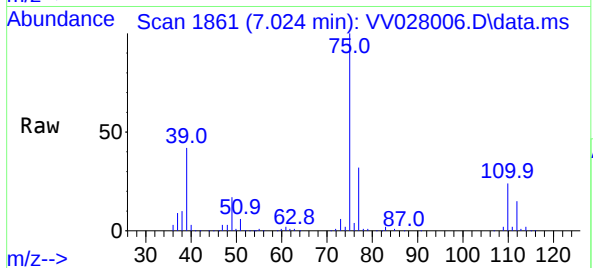
VSTD050344

Tgt Ion: 75 Resp: 215761

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 118.581 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

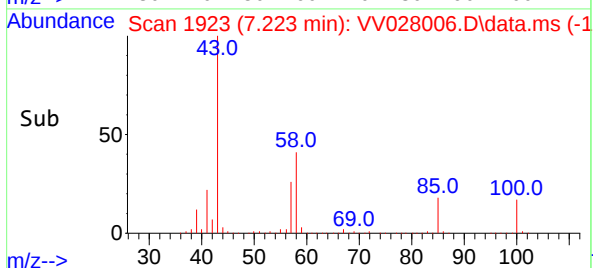
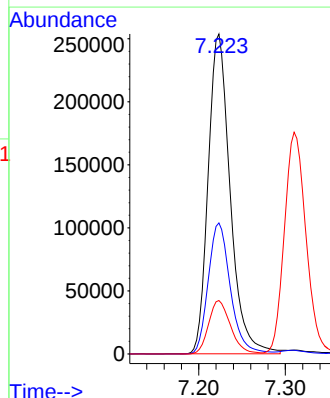
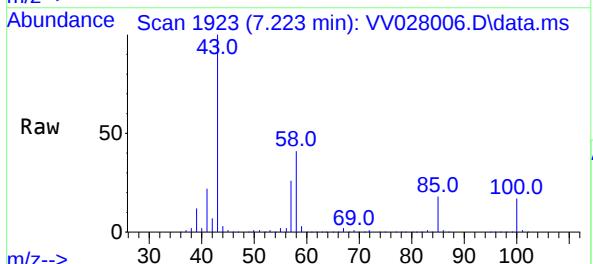
Tgt Ion: 43 Resp: 448276

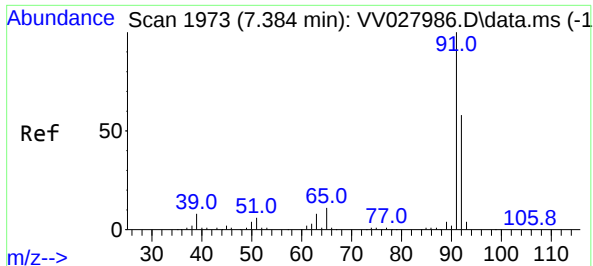
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.4

100 16.6 13.3 19.9

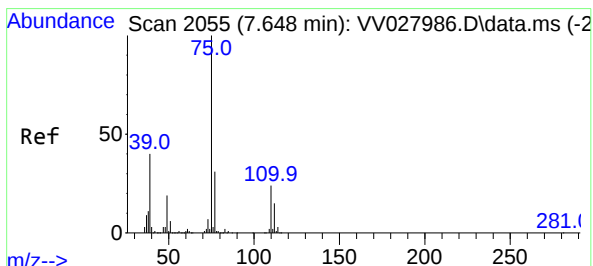
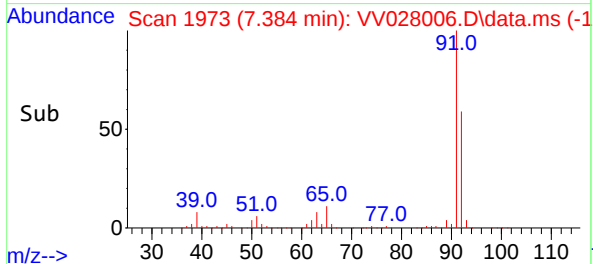
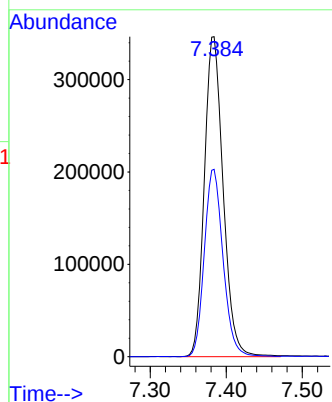
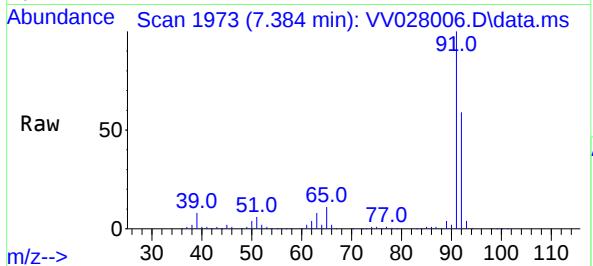




#42
Toluene
Concen: 55.683 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

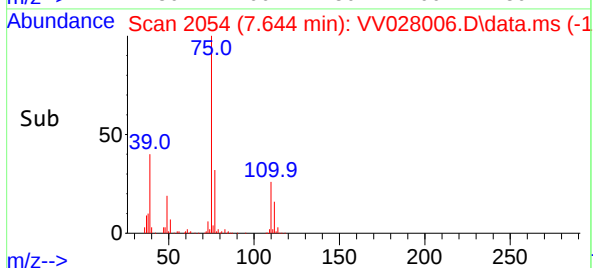
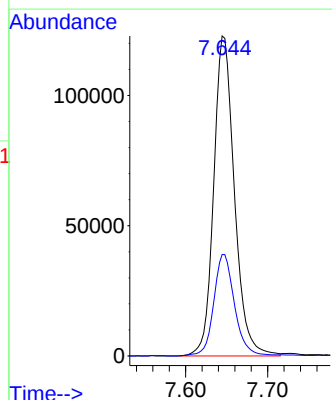
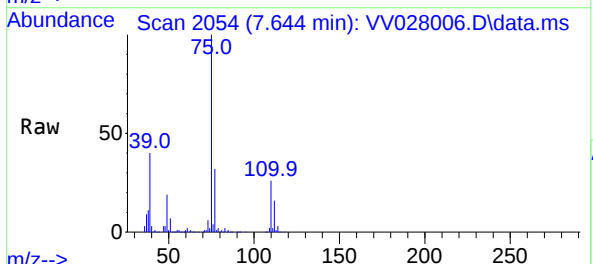
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

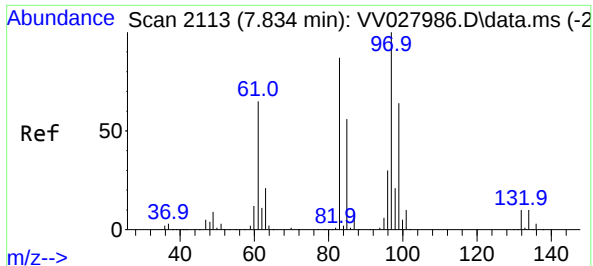
Tgt Ion: 91 Resp: 596213
Ion Ratio Lower Upper
91 100
92 58.5 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 54.007 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 75 Resp: 216251
Ion Ratio Lower Upper
75 100
77 31.7 21.4 39.8



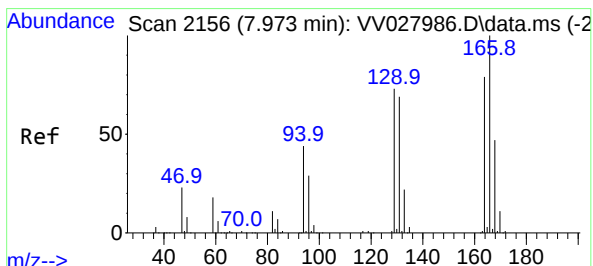
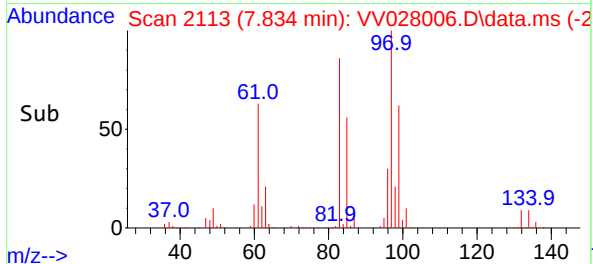
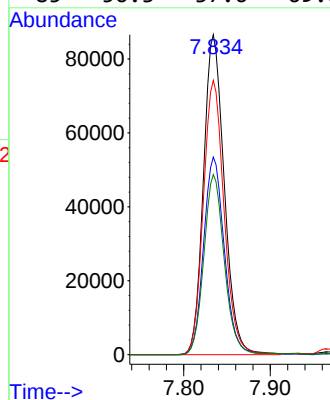
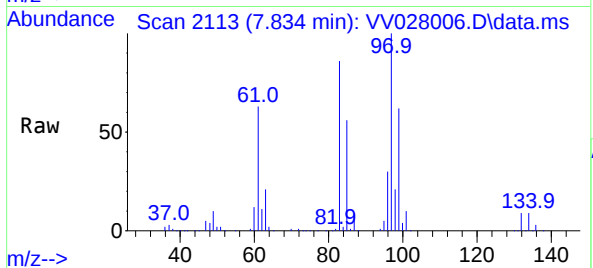


#45
1,1,2-Trichloroethane
Concen: 54.070 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

Tgt Ion: 97 Resp: 144580

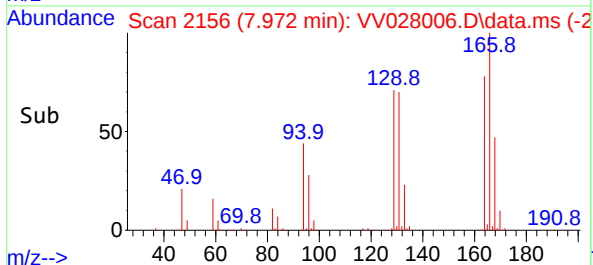
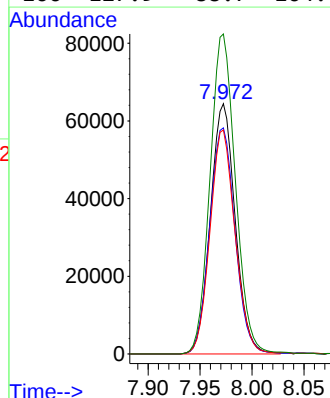
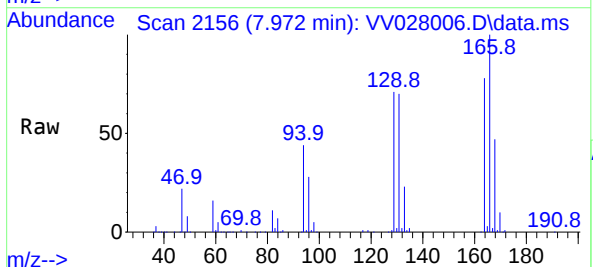
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	85.7	58.7	109.1
85	56.3	37.6	69.8

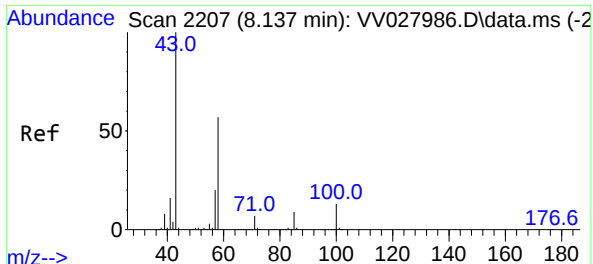


#46
Tetrachloroethene
Concen: 51.405 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 164 Resp: 107087

Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.3	119.3
131	89.6	62.6	116.2
166	127.9	88.7	164.7





#48

2-Hexanone

Concen: 114.100 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050344

Tgt Ion: 43 Resp: 349942

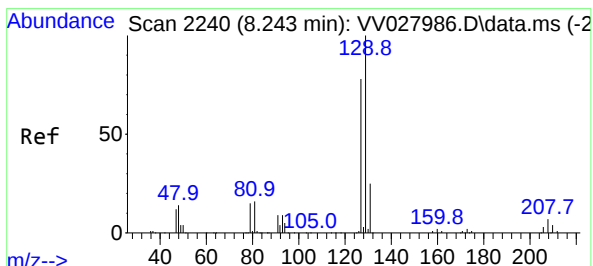
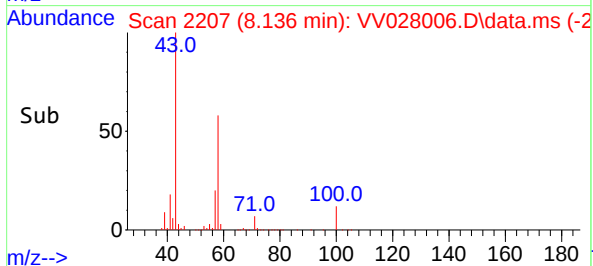
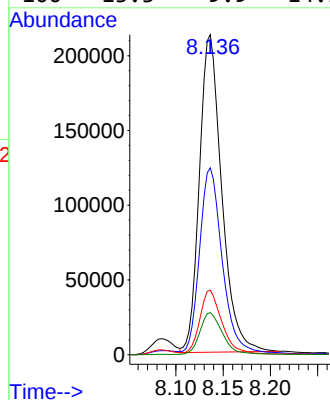
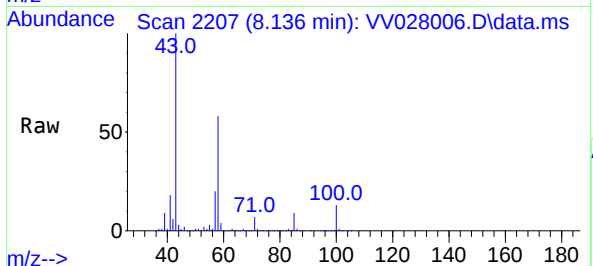
Ion Ratio Lower Upper

43 100

58 60.0 45.6 68.4

57 19.8 15.0 22.6

100 13.3 9.9 14.9



#49

Dibromochloromethane

Concen: 52.401 ug/L

RT: 8.242 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV028006.D

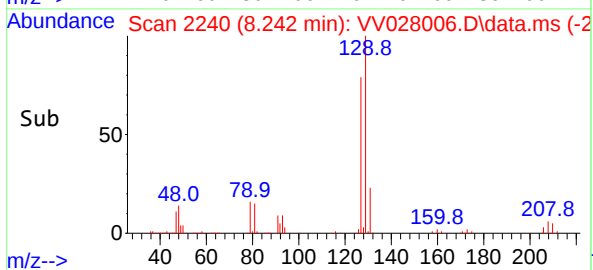
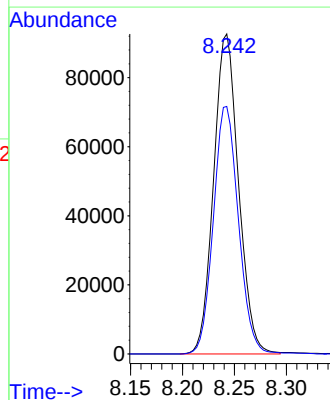
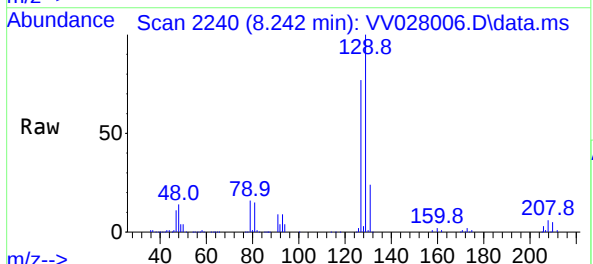
Acq: 21 Sep 2022 09:39

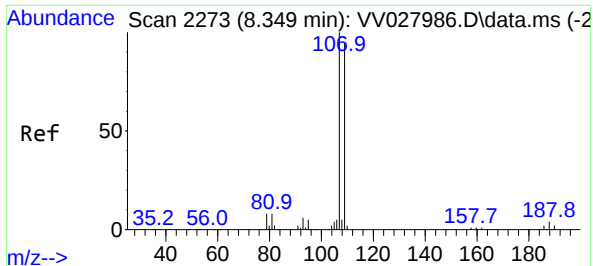
Tgt Ion: 129 Resp: 154678

Ion Ratio Lower Upper

129 100

127 77.4 56.3 104.5

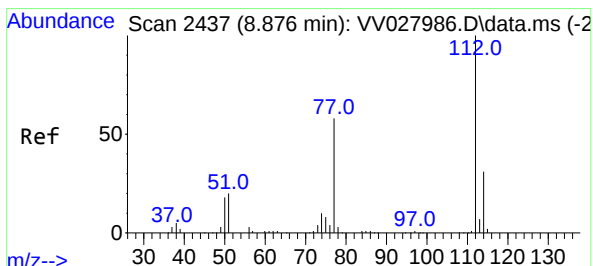
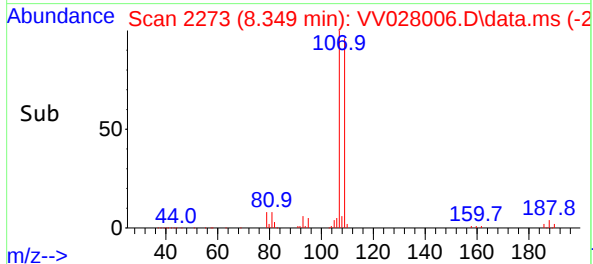
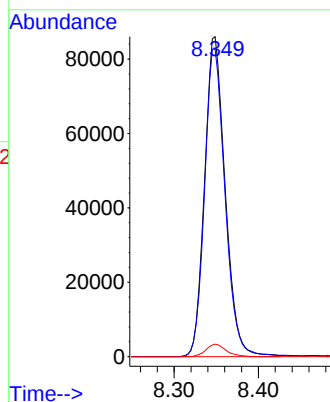
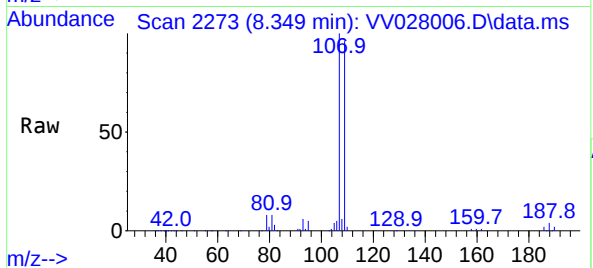




#50
1,2-Dibromoethane
Concen: 53.468 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

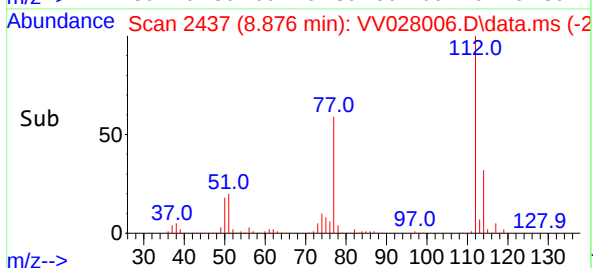
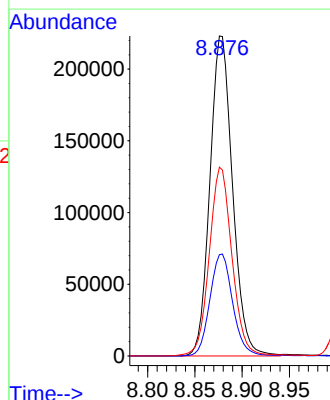
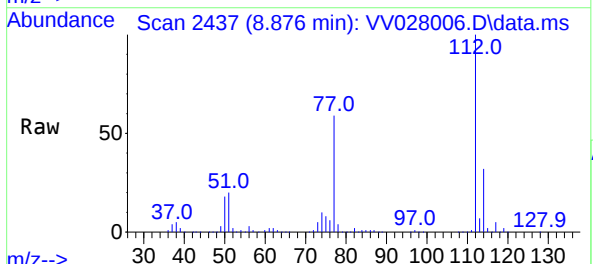
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

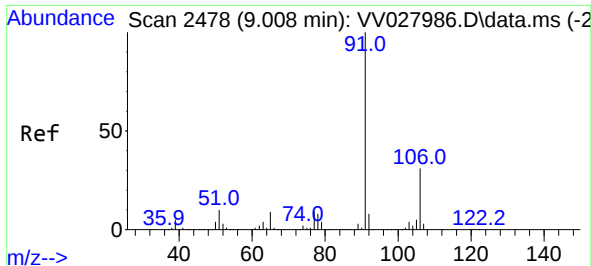
Tgt Ion:107 Resp: 146620
Ion Ratio Lower Upper
107 100
109 96.2 64.4 119.6
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 51.953 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:112 Resp: 371356
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 59.0 46.8 70.2

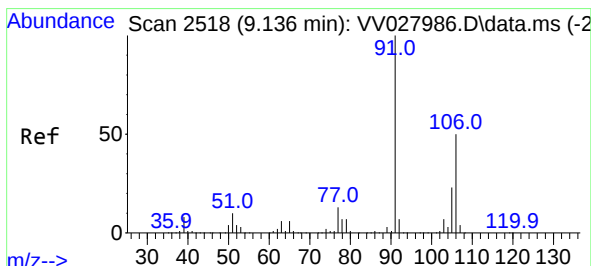
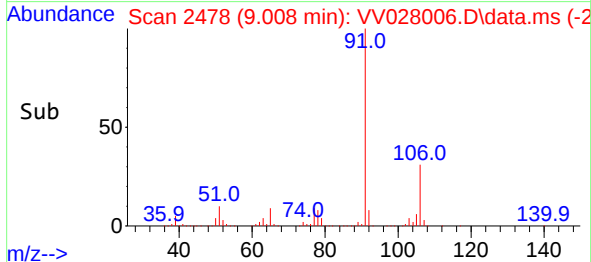
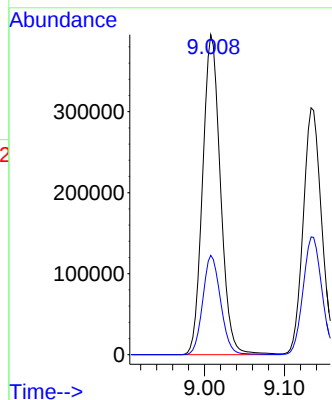
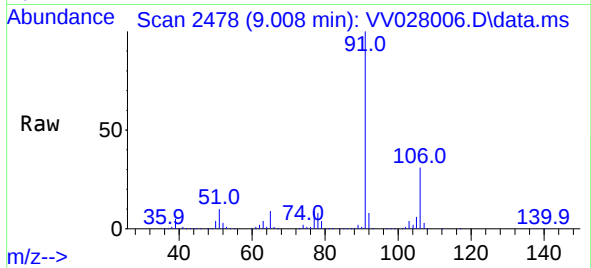




#52
Ethylbenzene
Concen: 53.190 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

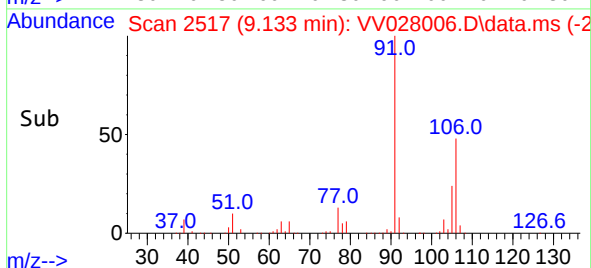
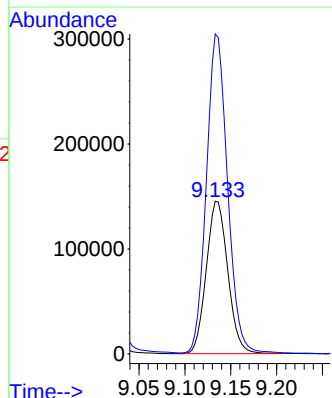
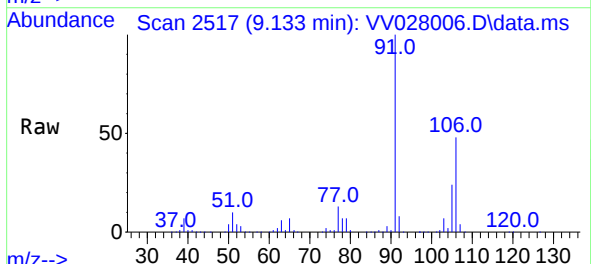
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

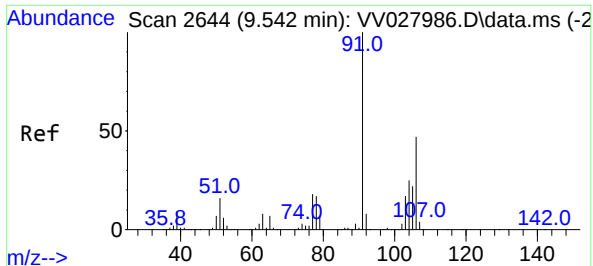
Tgt Ion: 91 Resp: 614848
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.6



#53
m,p-Xylene
Concen: 53.616 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 106 Resp: 237628
Ion Ratio Lower Upper
106 100
91 209.6 139.8 259.6

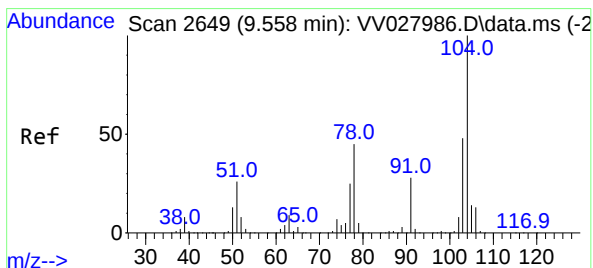
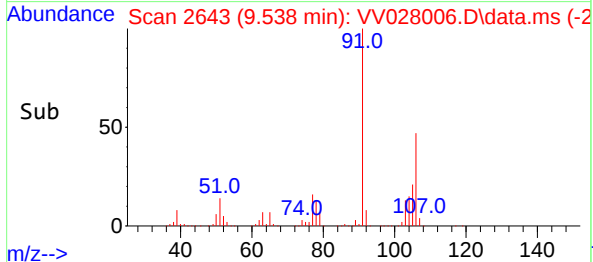
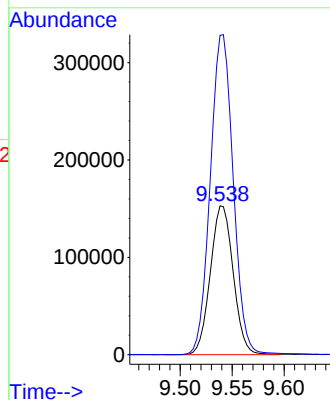
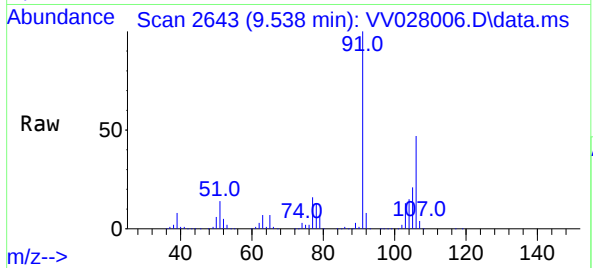




#54
o-Xylene
Concen: 54.827 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

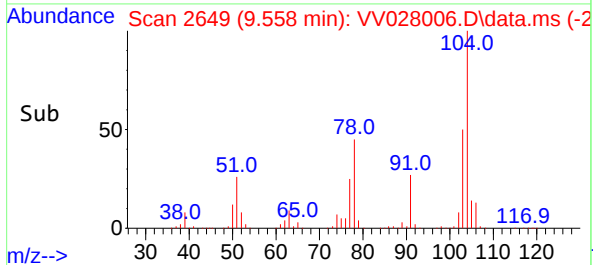
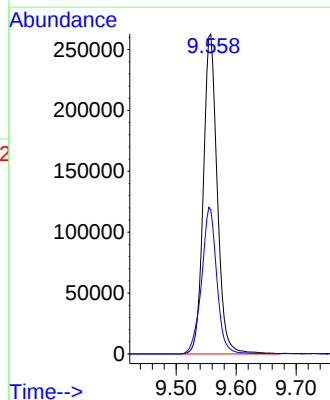
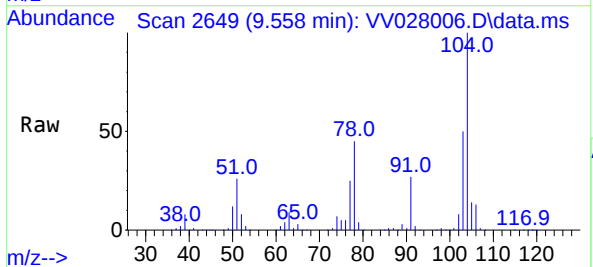
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

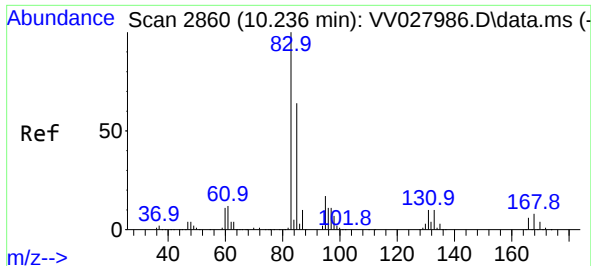
Tgt Ion:106 Resp: 234457
Ion Ratio Lower Upper
106 100
91 214.6 151.1 280.5



#55
Styrene
Concen: 55.967 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:104 Resp: 424688
Ion Ratio Lower Upper
104 100
78 45.0 31.1 57.7

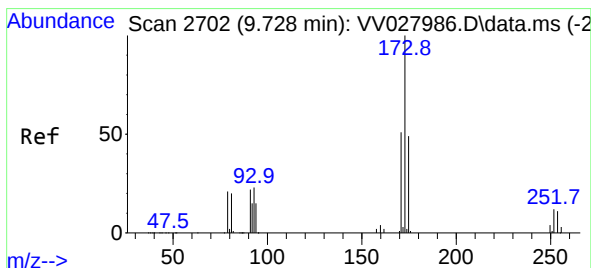
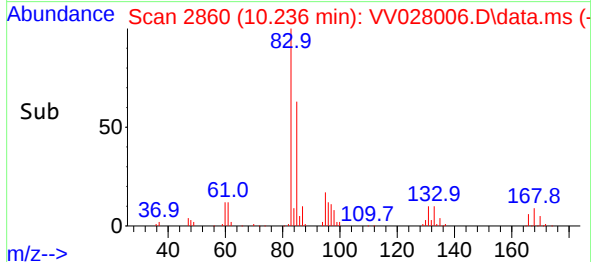
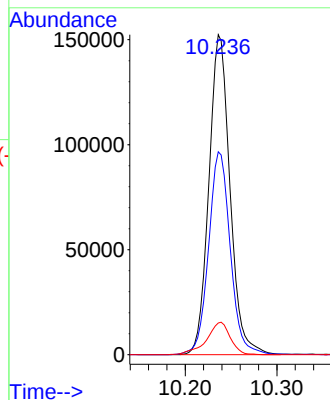
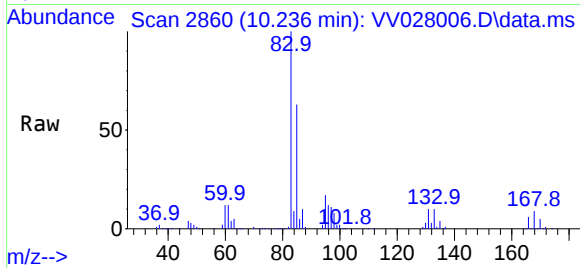




#57
1,1,2,2-Tetrachloroethane
Concen: 54.421 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

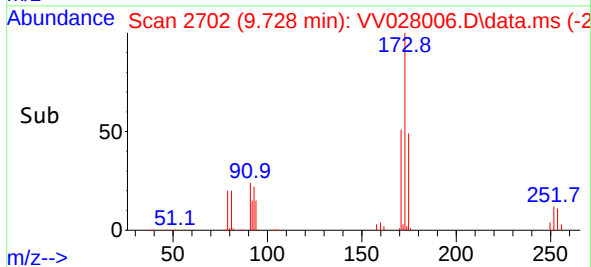
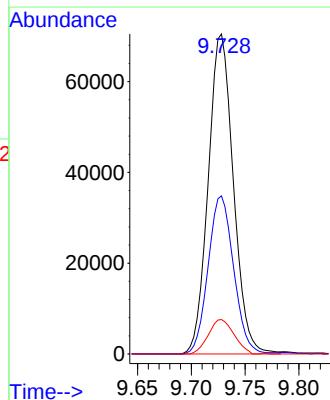
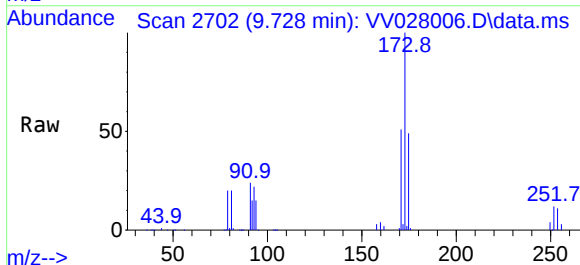
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

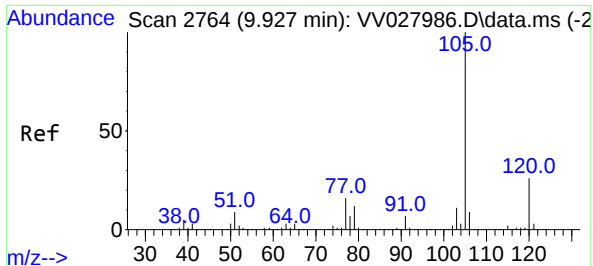
Tgt Ion: 83 Resp: 244076
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.9
131 9.9 7.7 11.5



#59
Bromoform
Concen: 53.736 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 173 Resp: 114687
Ion Ratio Lower Upper
173 100
175 50.0 39.7 59.5
254 10.9 7.4 11.2

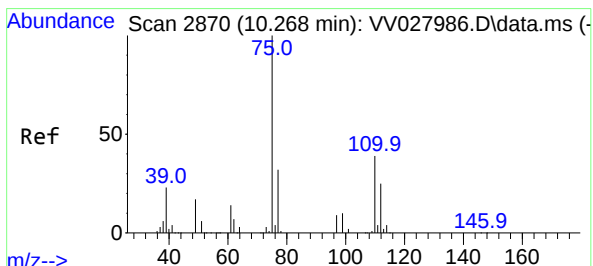
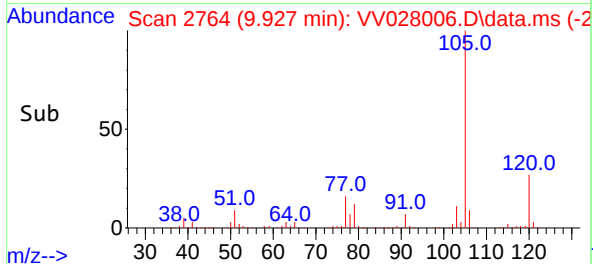
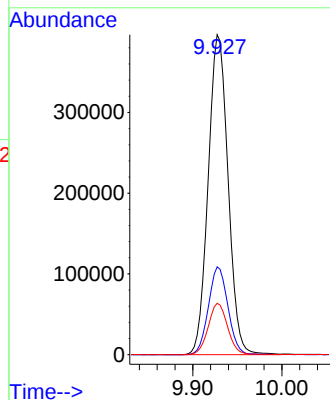
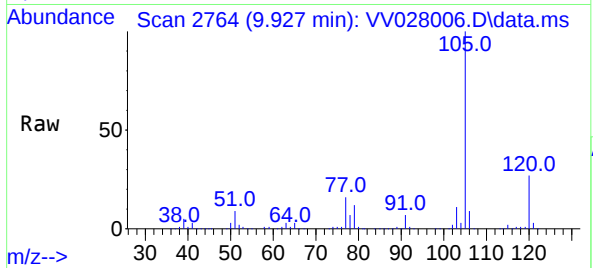




#60
Isopropylbenzene
Concen: 56.216 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

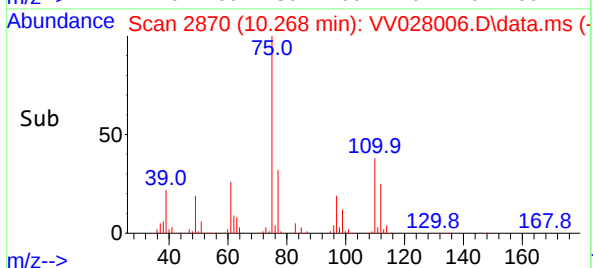
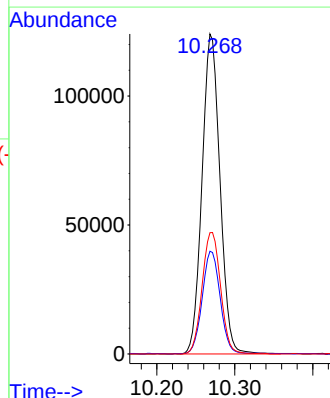
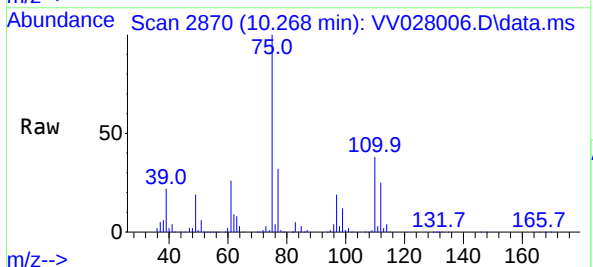
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

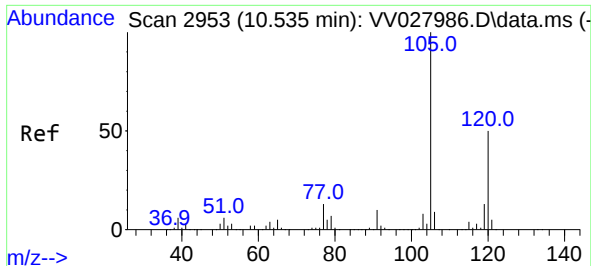
Tgt Ion:105 Resp: 613199
Ion Ratio Lower Upper
105 100
120 27.0 20.8 31.2
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 57.397 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion: 75 Resp: 198714
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 39.1 31.1 46.7

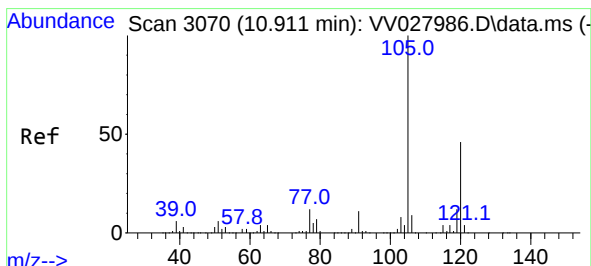
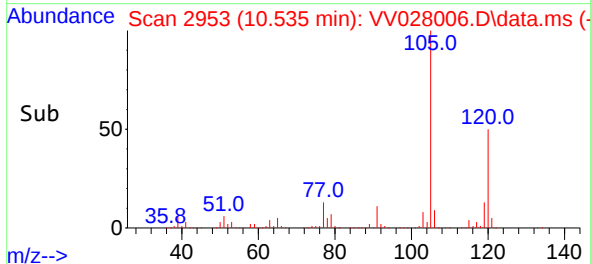
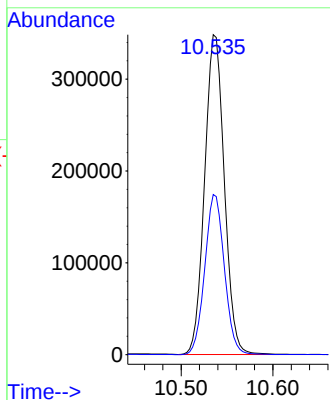
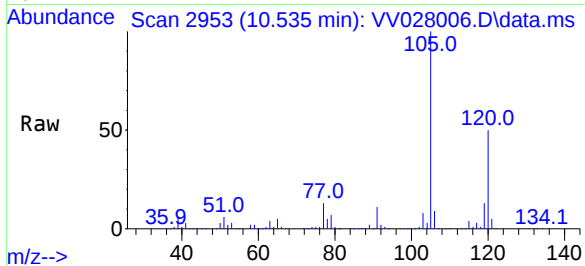




#62
1,3,5-Trimethylbenzene
Concen: 55.765 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

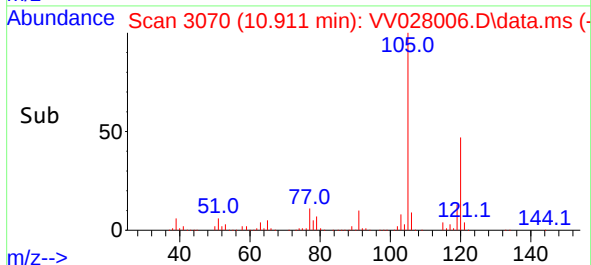
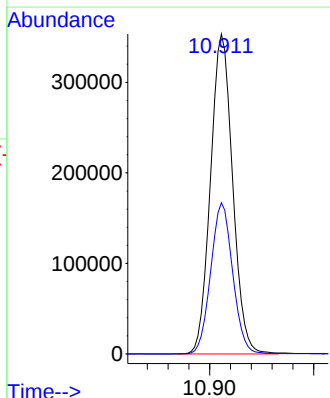
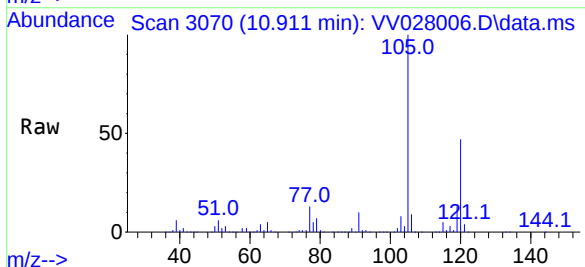
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

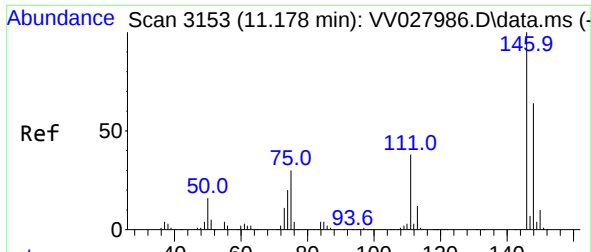
Tgt Ion:105 Resp: 520171
Ion Ratio Lower Upper
105 100
120 49.8 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 56.168 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:105 Resp: 522496
Ion Ratio Lower Upper
105 100
120 46.9 36.3 54.5

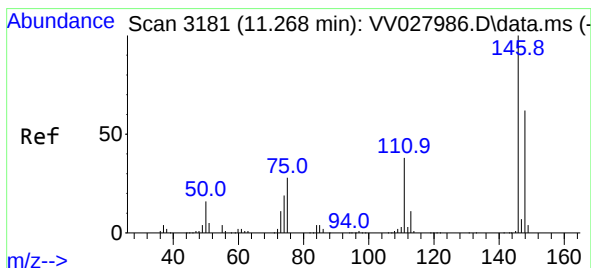
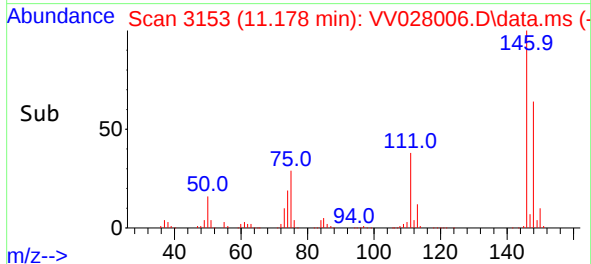
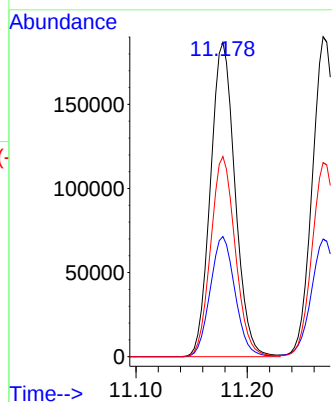
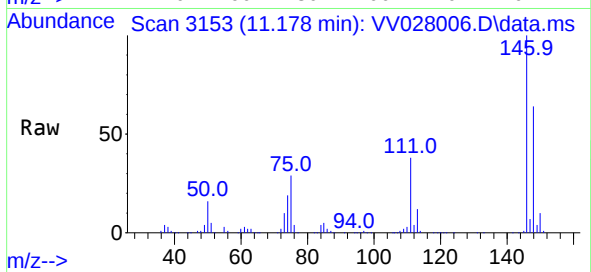




#64
1,3-Dichlorobenzene
Concen: 51.543 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

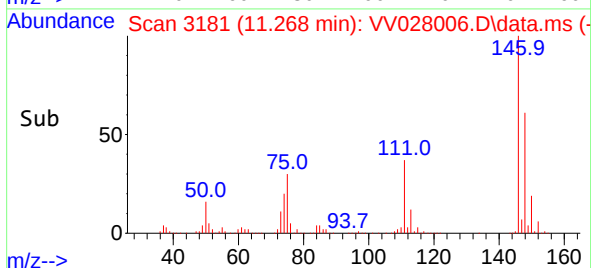
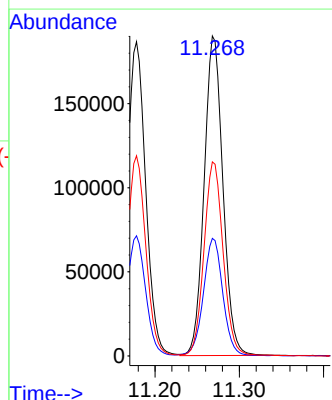
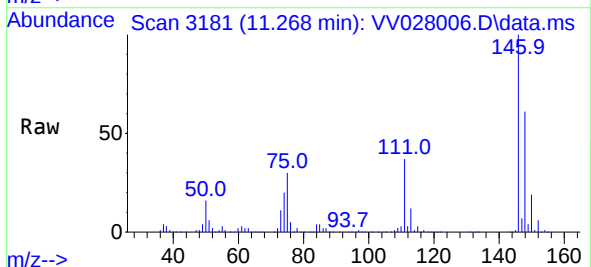
Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

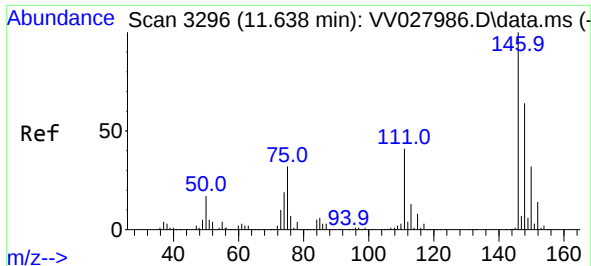
Tgt Ion:146 Resp: 286557
Ion Ratio Lower Upper
146 100
111 38.2 28.2 52.4
148 63.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 51.786 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:146 Resp: 294973
Ion Ratio Lower Upper
146 100
111 36.7 26.0 48.2
148 60.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 53.109 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050344

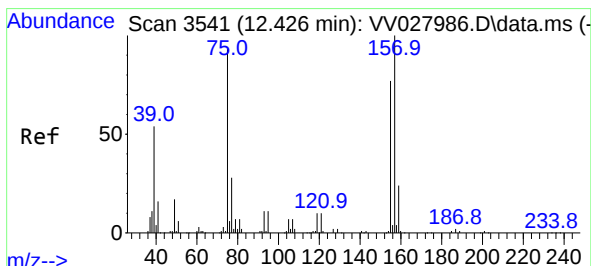
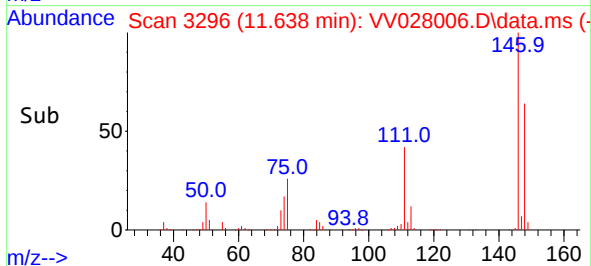
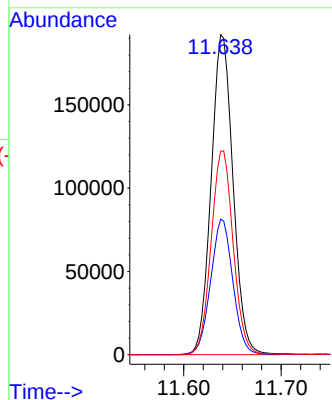
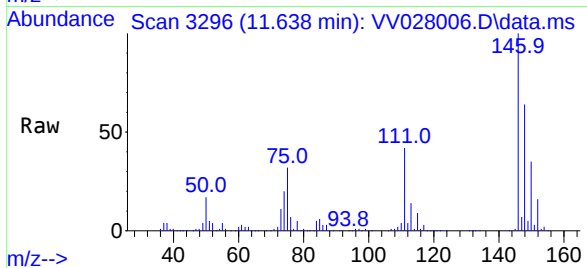
Tgt Ion:146 Resp: 300028

Ion Ratio Lower Upper

146 100

111 42.4 32.3 48.5

148 63.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 53.514 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

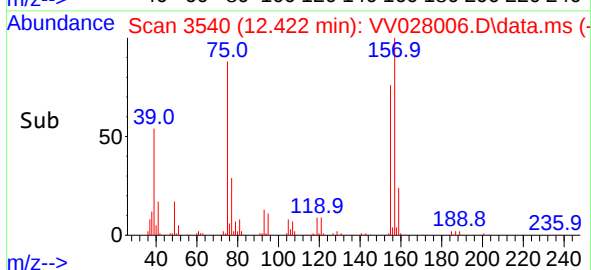
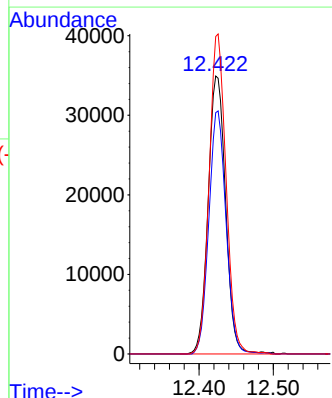
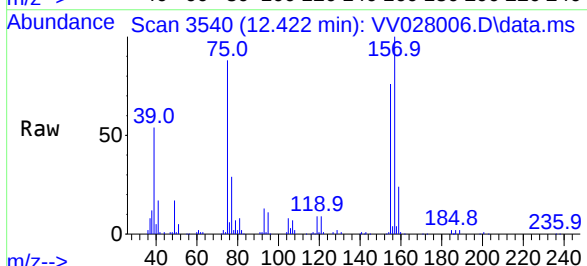
Tgt Ion: 75 Resp: 56931

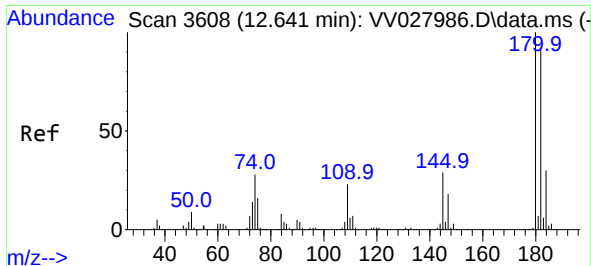
Ion Ratio Lower Upper

75 100

155 86.9 68.3 102.5

157 114.2 86.2 129.2





#69

1,3,5-Trichlorobenzene

Concen: 50.424 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050344

Tgt Ion:180 Resp: 219831

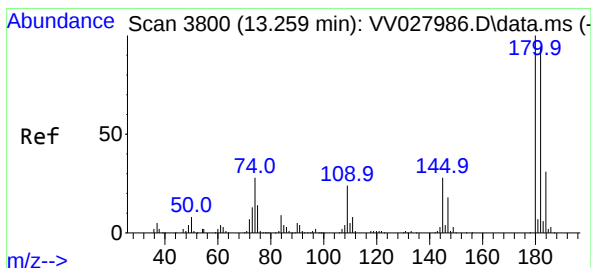
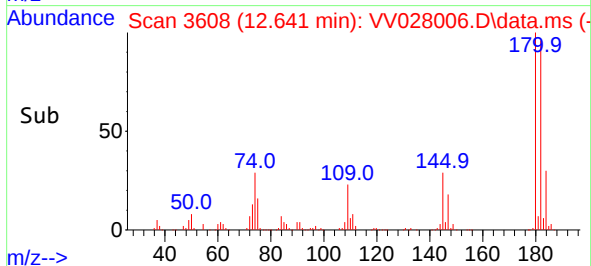
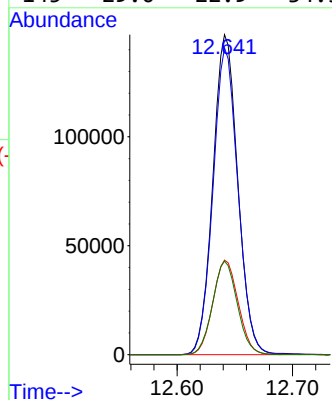
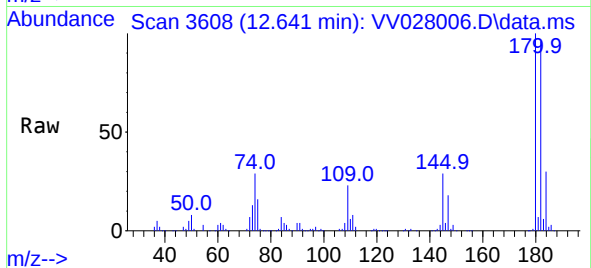
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

184 30.0 24.2 36.2

145 29.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 48.757 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028006.D

Acq: 21 Sep 2022 09:39

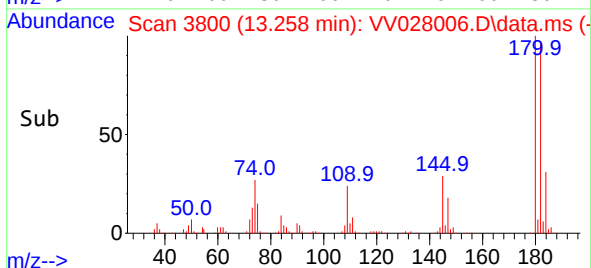
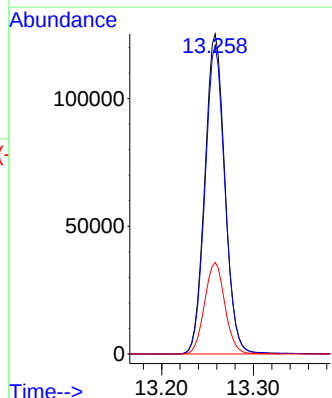
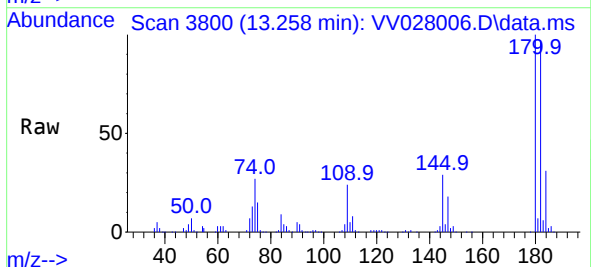
Tgt Ion:180 Resp: 190488

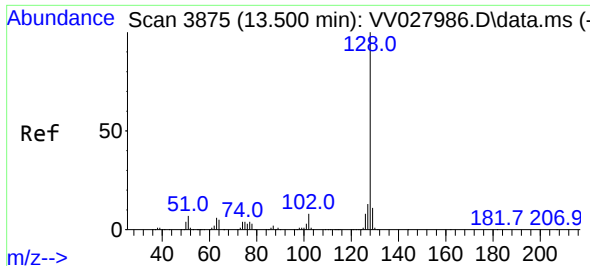
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

145 29.0 22.8 34.2



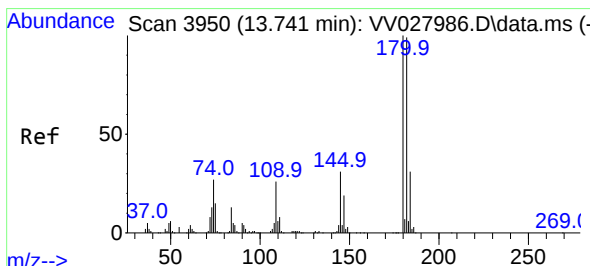
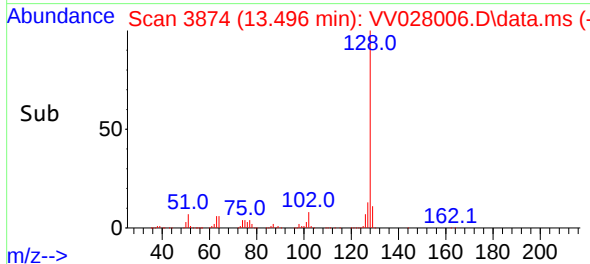
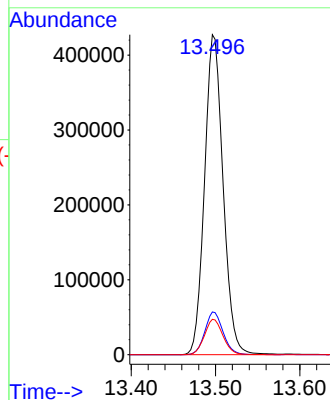
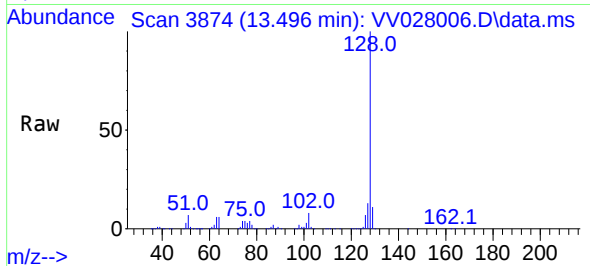


#71
Naphthalene
Concen: 52.228 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. -0.003 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050344

Tgt Ion:128 Resp: 655075

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.722 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028006.D
Acq: 21 Sep 2022 09:39

Tgt Ion:180 Resp: 208702

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.0	115.4
145	30.7	25.1	37.7

