

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028266.D
 Acq On : 01 Oct 2022 08:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Oct 03 01:29:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	186199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	195245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75701	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.561	69	66405	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.102	63	137658	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.896	46	162486	49.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.720%
24) Chloroform-d	4.343	84	151633	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.027	65	67941	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.044	84	293835	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.063	67	87199	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.310	98	285135	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.619	79	29252	4.058	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.085	63	148926	49.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72580	5.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	106102	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	57493	4.134	ug/L	90
3) Chloromethane	1.237	50	50281	2.730	ug/L	99
5) Vinyl chloride	1.304	62	63159	4.374	ug/L	99
6) Bromomethane	1.516	94	31353	3.334	ug/L	100
8) Chloroethane	1.577	64	47774	4.934	ug/L	86
9) Trichlorofluoromethane	1.748	101	107746	4.700	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64948	4.916	ug/L	95
12) 1,1-Dichloroethene	2.111	96	57941	4.503	ug/L	78
13) Acetone	2.188	43	95054	37.866	ug/L	99
14) Carbon disulfide	2.285	76	105566	4.275	ug/L	100
15) Methyl Acetate	2.436	43	23124	4.745	ug/L	93
16) Methylene chloride	2.500	84	72846	5.071	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	141909	5.127	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	57371	5.093	ug/L	93
19) 1,1-Dichloroethane	3.179	63	120061	4.886	ug/L	99
21) 2-Butanone	3.982	43	138038	44.417	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	69615	4.710	ug/L	92
23) Bromochloromethane	4.240	128	31976	5.403	ug/L	# 86
25) Chloroform	4.365	83	134852	5.114	ug/L	96

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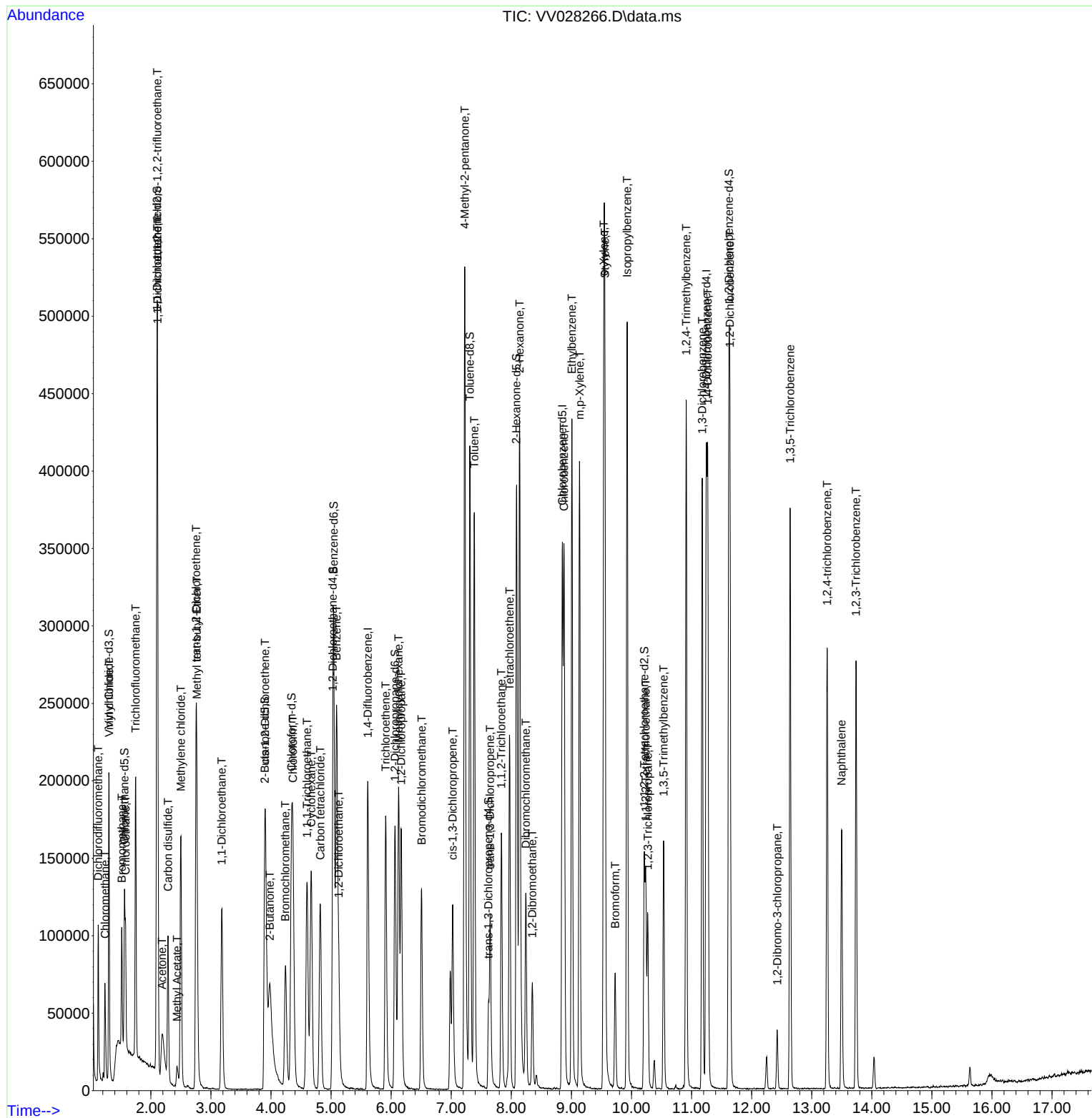
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68225	4.852	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	112259	4.679	ug/L	99
30) Cyclohexane	4.671	56	72812	4.197	ug/L	92
31) Carbon tetrachloride	4.822	117	94179	4.771	ug/L	100
33) Benzene	5.092	78	261152	4.817	ug/L	100
34) Trichloroethene	5.908	95	64367	4.769	ug/L	94
35) Methylcyclohexane	6.124	83	78619	4.248	ug/L	95
37) 1,2-Dichloropropane	6.169	63	68953	4.537	ug/L #	97
38) Bromodichloromethane	6.507	83	92058	4.906	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	80165	4.246	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	358560	48.579	ug/L	95
42) Toluene	7.384	91	283277	5.009	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	68835	4.239	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	55062	5.404	ug/L	96
47) Tetrachloroethene	7.969	164	55182	5.122	ug/L	97
48) 2-Hexanone	8.137	43	273328	48.781	ug/L #	95
49) Dibromochloromethane	8.243	129	64913	5.299	ug/L	96
50) 1,2-Dibromoethane	8.349	107	47042	5.313	ug/L	98
51) Chlorobenzene	8.879	112	199035	5.247	ug/L	98
52) Ethylbenzene	9.008	91	301002	5.031	ug/L	97
53) m,p-Xylene	9.137	106	119071	5.193	ug/L	96
54) o-Xylene	9.539	106	118579	5.237	ug/L	99
55) Styrene	9.558	104	213811	5.450	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.236	83	67982	5.726	ug/L	98
59) Bromoform	9.728	173	35678	5.270	ug/L	99
60) Isopropylbenzene	9.928	105	317757	5.077	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	46693	5.221	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	85918	4.873	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	239556	4.861	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	167475	5.377	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	163666	5.252	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	158970	5.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	9395	4.792	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	122666	4.976	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	94030	4.769	ug/L	98
71) Naphthalene	13.497	128	139473	4.320	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	89779	5.034	ug/L	97

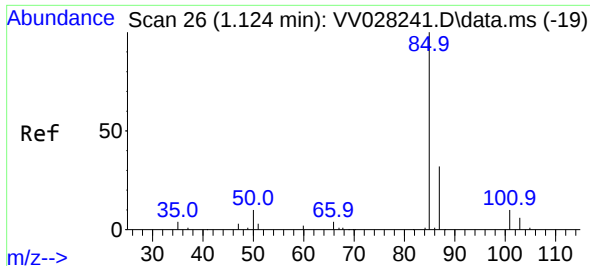
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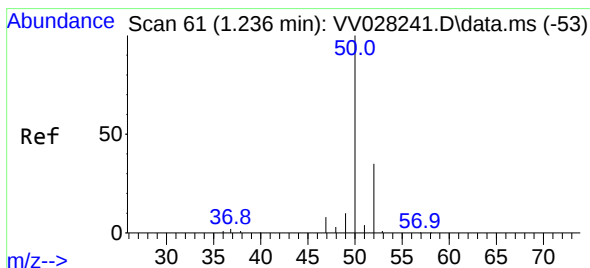
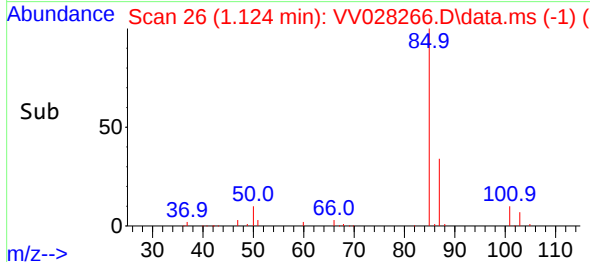
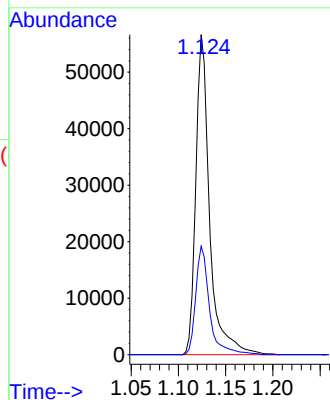
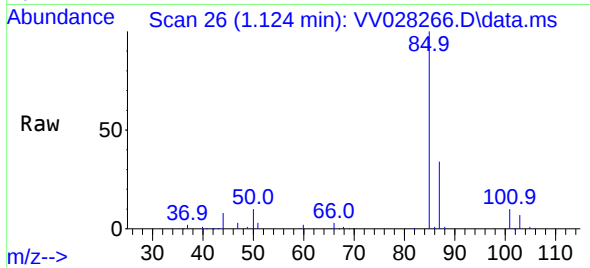




#2
 Dichlorodifluoromethane
 Concen: 4.134 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

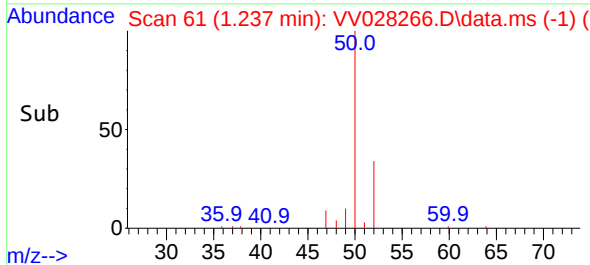
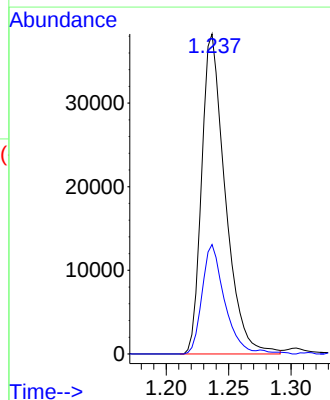
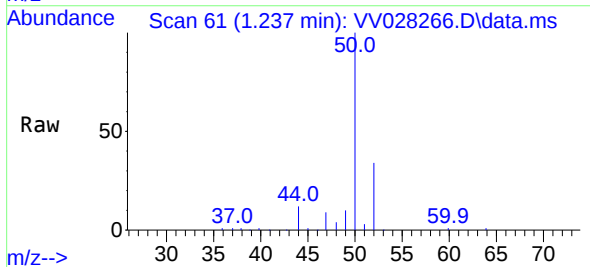
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Tgt Ion: 85 Resp: 57493
 Ion Ratio Lower Upper
 85 100
 87 33.9 22.8 34.2

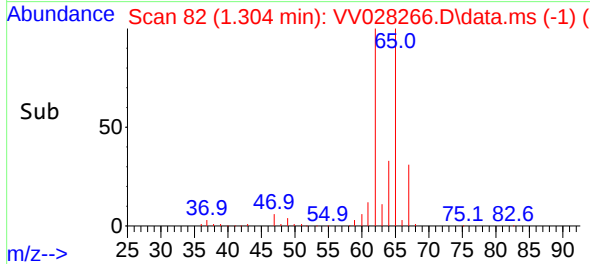
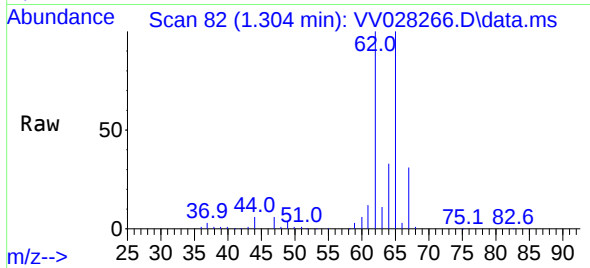
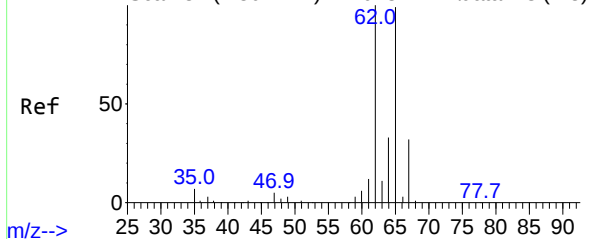


#3
 Chloromethane
 Concen: 2.730 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Tgt Ion: 50 Resp: 50281
 Ion Ratio Lower Upper
 50 100
 52 34.2 24.4 45.2



Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 4.374 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

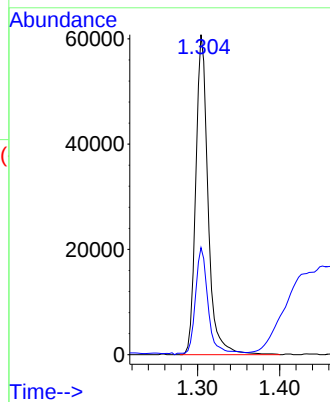
VSTD005314

Tgt Ion: 62 Resp: 63159

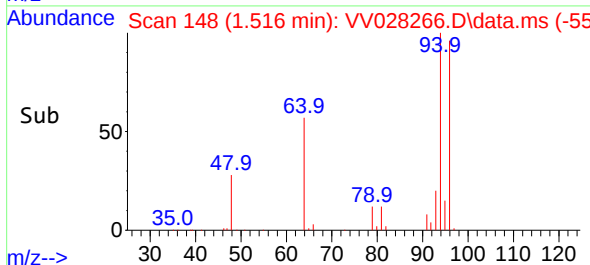
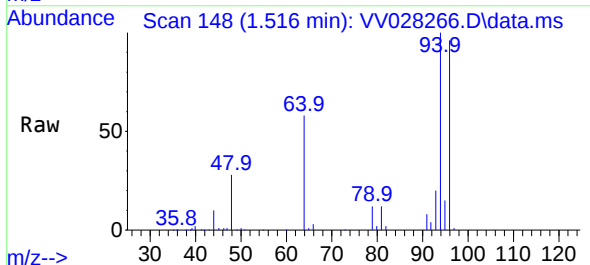
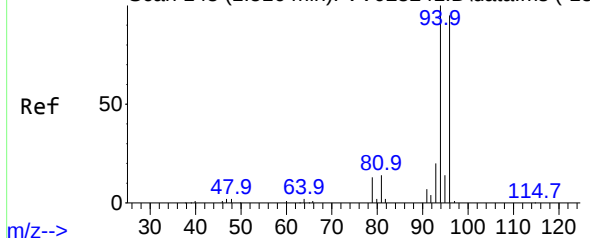
Ion Ratio Lower Upper

62 100

64 33.4 23.0 42.8



Abundance Scan 148 (1.516 min): VV028241.D\data.ms (-13)



#6

Bromomethane

Concen: 3.334 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028266.D

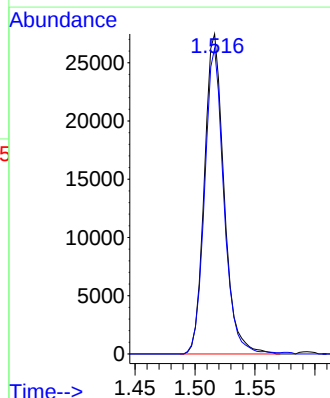
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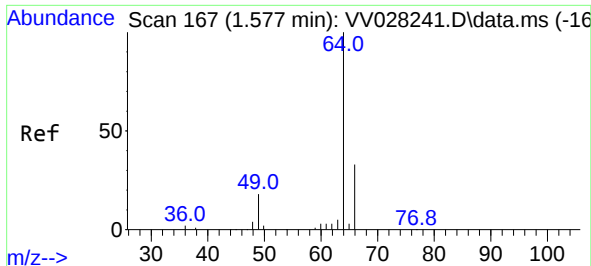
Tgt Ion: 94 Resp: 31353

Ion Ratio Lower Upper

94 100

96 95.5 66.7 123.9

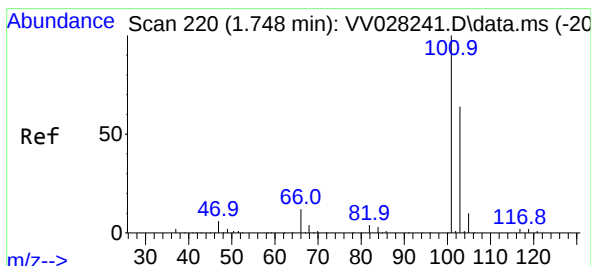
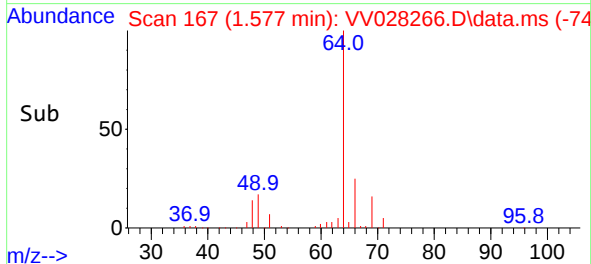
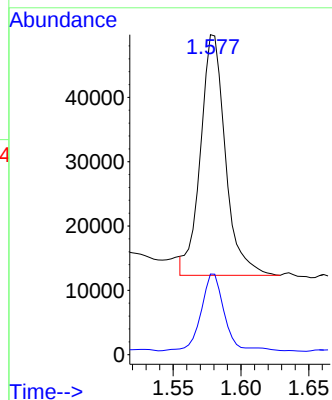
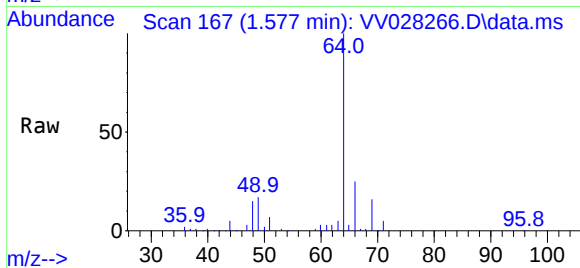




#8
Chloroethane
Concen: 4.934 ug/L
RT: 1.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

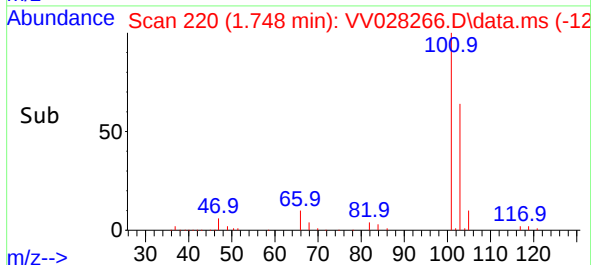
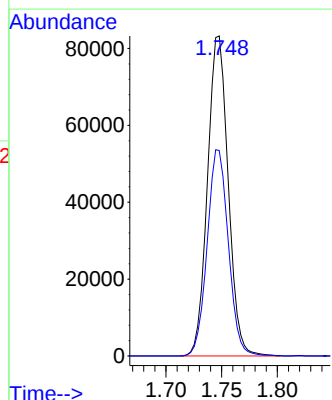
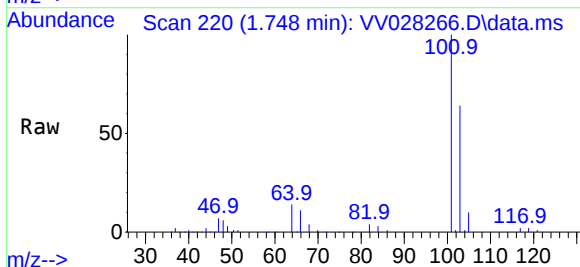
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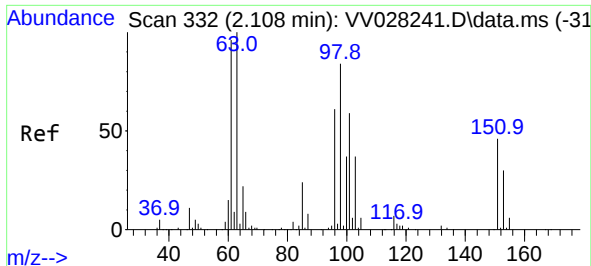
Tgt Ion: 64 Resp: 47774
Ion Ratio Lower Upper
64 100
66 25.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.700 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion:101 Resp: 107746
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

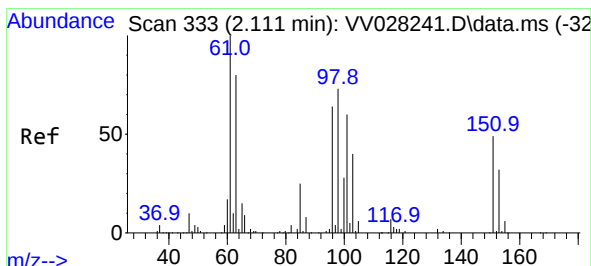
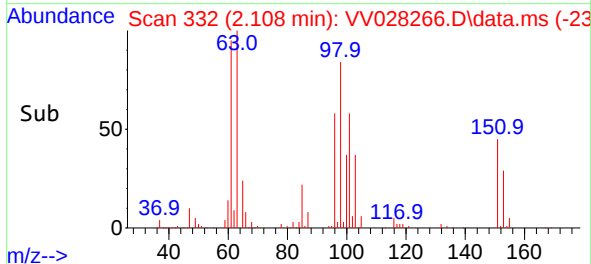
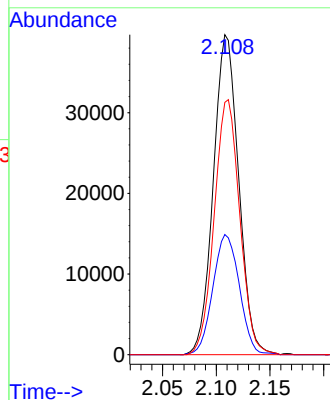
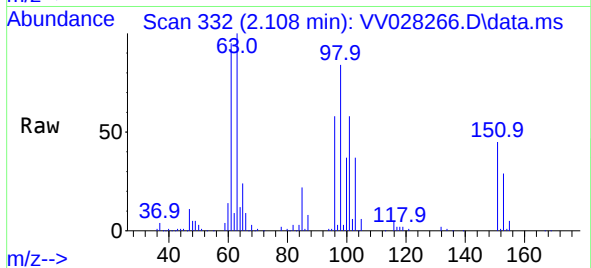




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.916 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

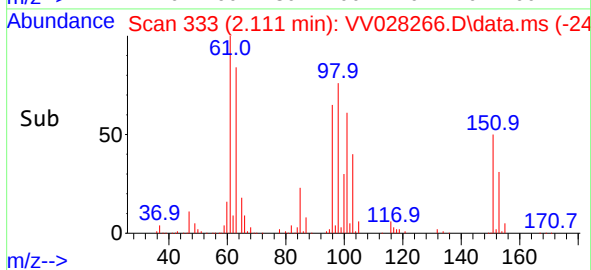
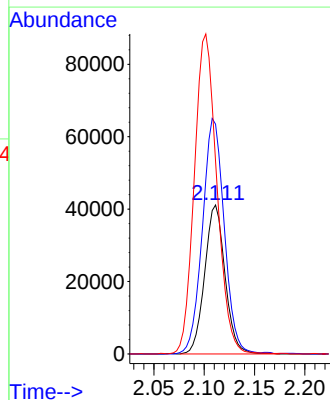
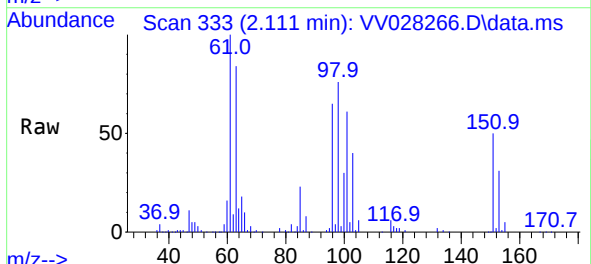
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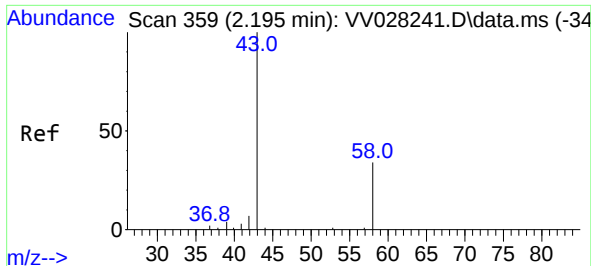
Tgt Ion:101 Resp: 64948
 Ion Ratio Lower Upper
 101 100
 85 39.3 34.4 51.6
 151 80.5 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.503 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Tgt Ion: 96 Resp: 57941
 Ion Ratio Lower Upper
 96 100
 61 154.2 128.3 238.3
 63 129.3 112.7 209.3





#13

Acetone

Concen: 37.866 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

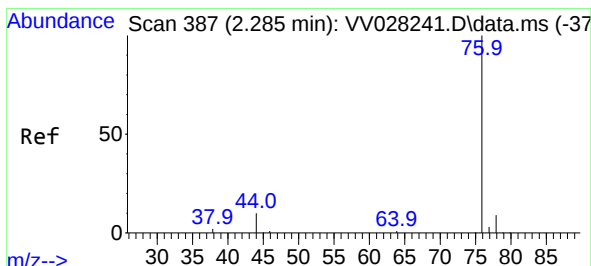
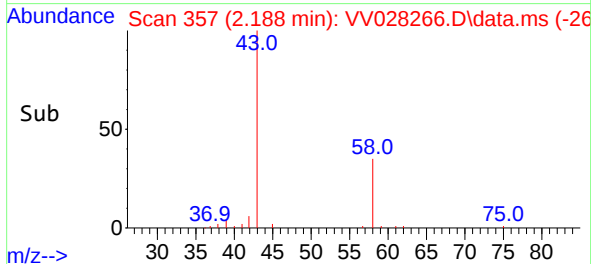
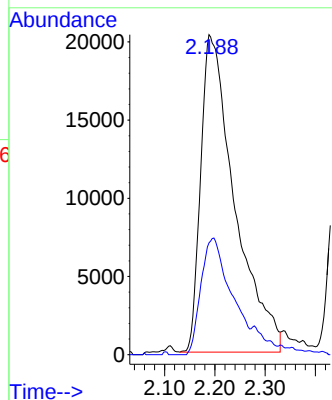
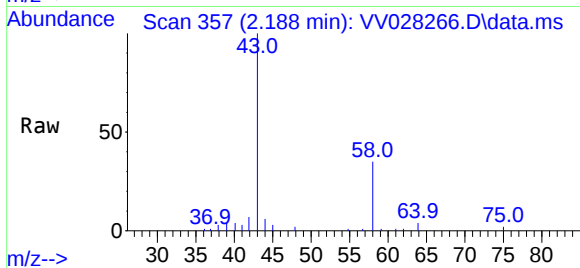
VSTD005314

Tgt Ion: 43 Resp: 95054

Ion Ratio Lower Upper

43 100

58 32.3 0.0 65.6



#14

Carbon disulfide

Concen: 4.275 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028266.D

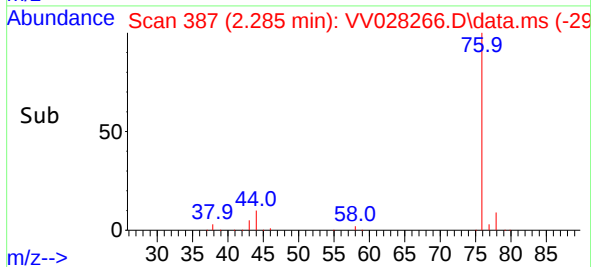
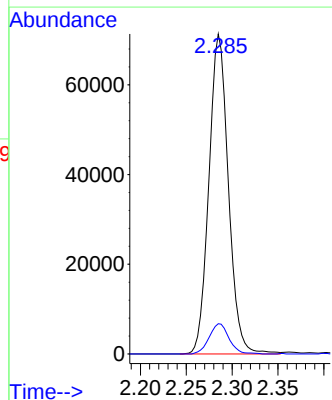
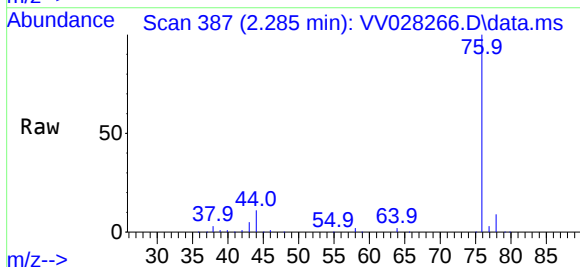
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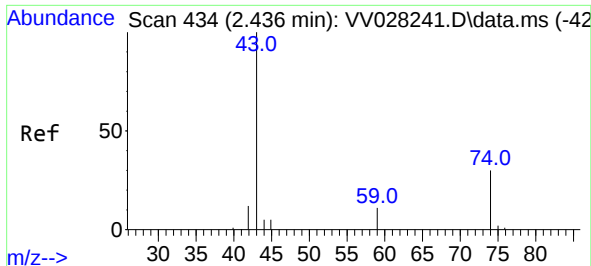
Tgt Ion: 76 Resp: 105566

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

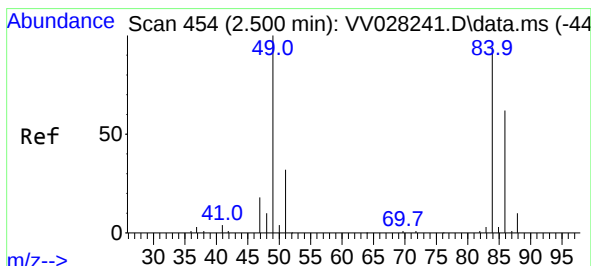
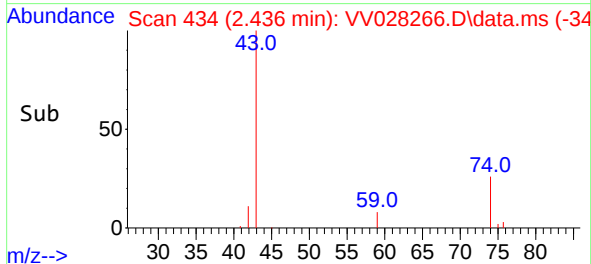
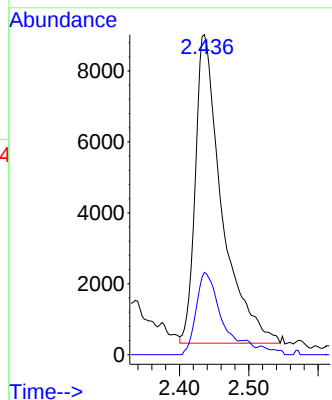
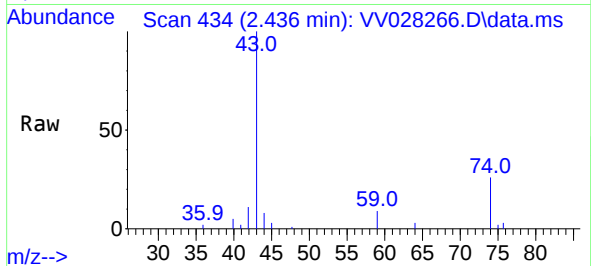




#15
Methyl Acetate
Concen: 4.745 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

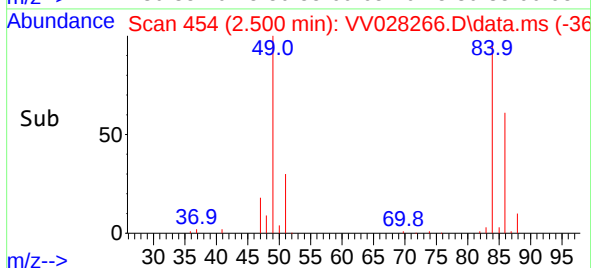
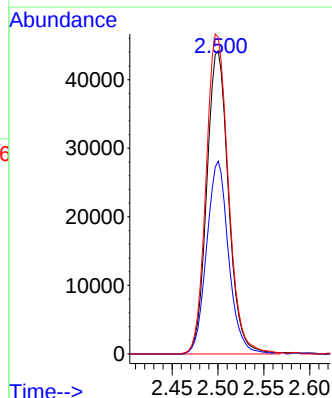
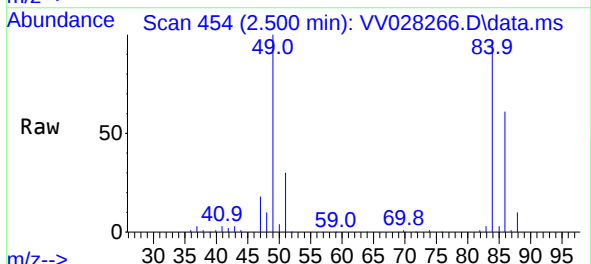
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

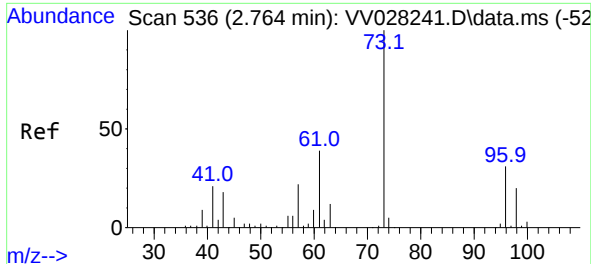
Tgt Ion: 43 Resp: 23124
Ion Ratio Lower Upper
43 100
74 24.5 16.9 25.3



#16
Methylene chloride
Concen: 5.071 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

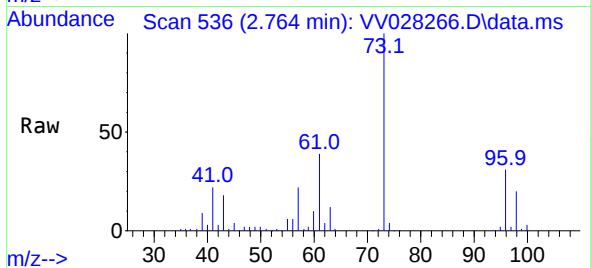
Tgt Ion: 84 Resp: 72846
Ion Ratio Lower Upper
84 100
86 63.7 46.8 86.8
49 104.5 87.5 162.5



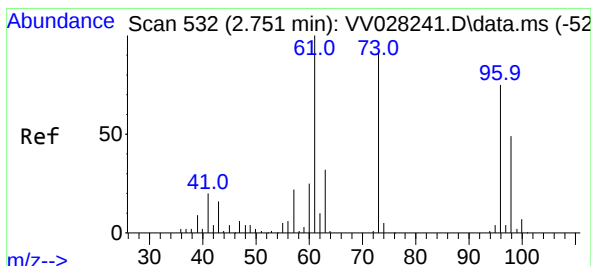
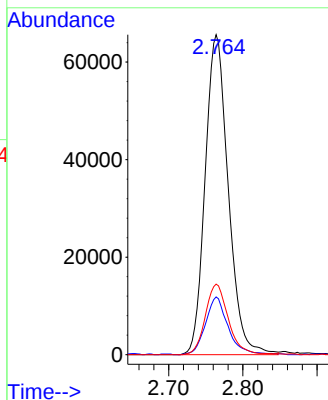
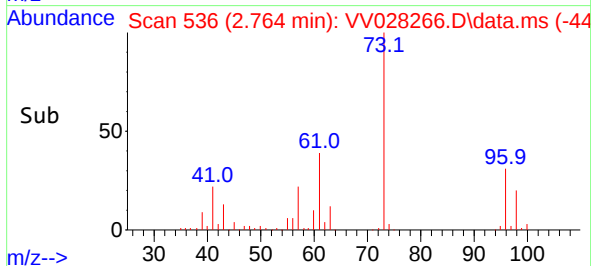


#17
Methyl tert-butyl Ether
Concen: 5.127 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

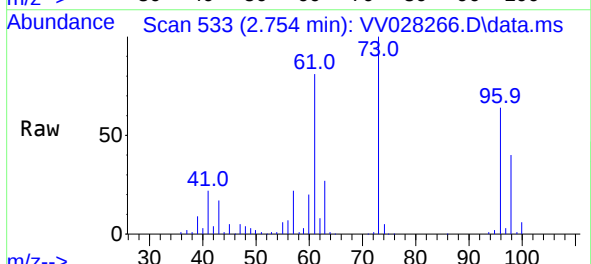
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314



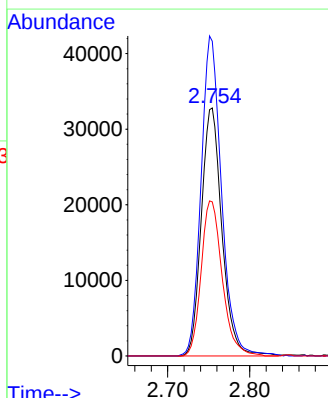
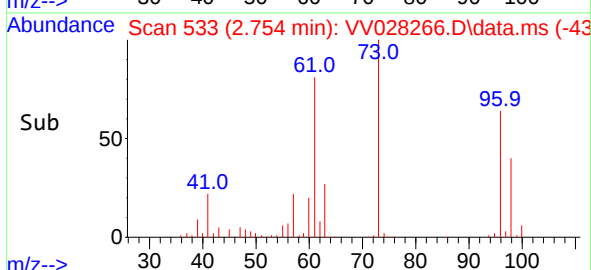
Tgt Ion: 73 Resp: 141909
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 22.1 17.8 26.8

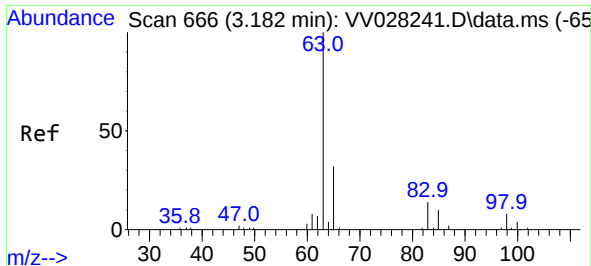


#18
trans-1,2-Dichloroethene
Concen: 5.093 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03



Tgt Ion: 96 Resp: 57371
Ion Ratio Lower Upper
96 100
61 126.9 96.2 178.6
98 62.1 45.7 84.9

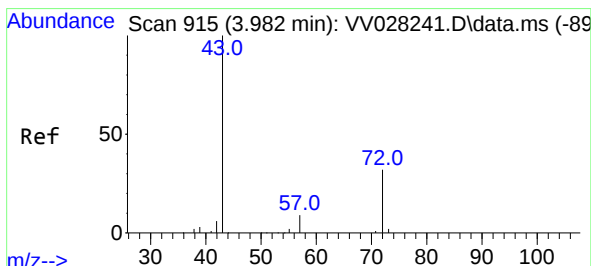
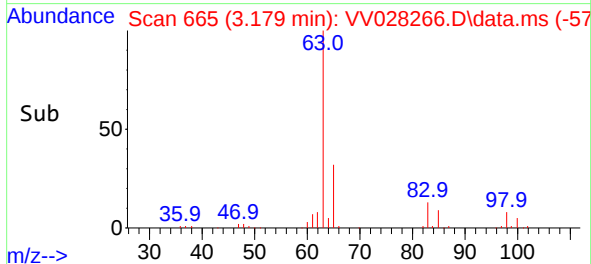
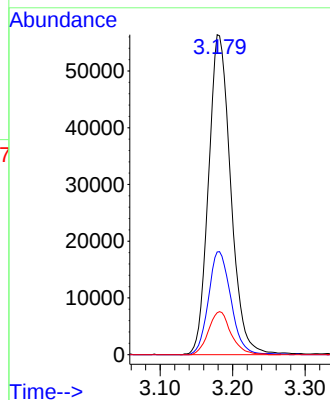
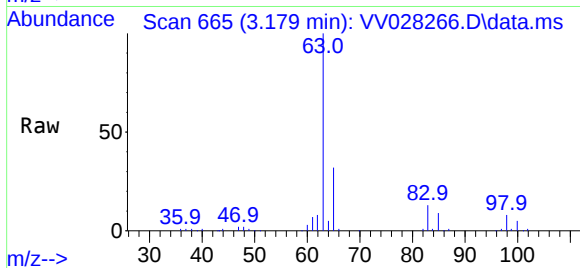




#19
1,1-Dichloroethane
Concen: 4.886 ug/L
RT: 3.179 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

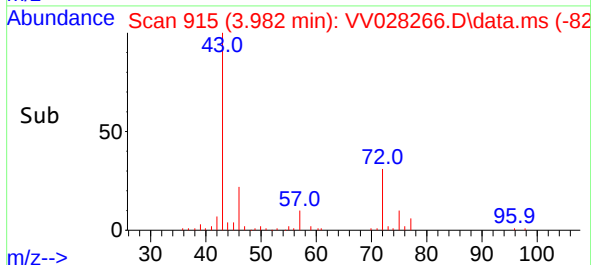
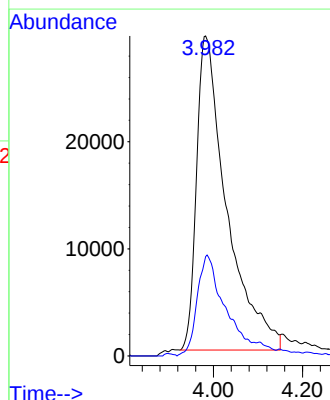
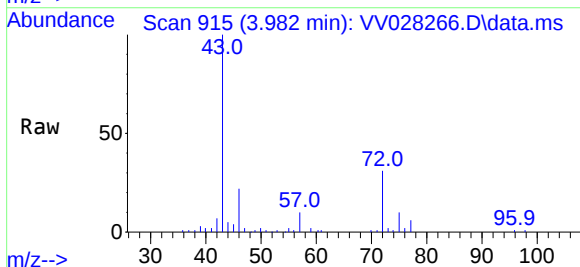
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

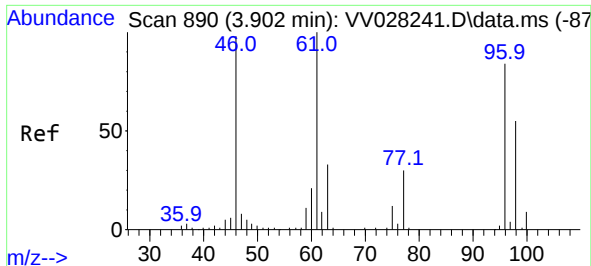
Tgt Ion: 63 Resp: 120061
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.8
83 13.1 9.2 17.2



#21
2-Butanone
Concen: 44.417 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.007 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 43 Resp: 138038
Ion Ratio Lower Upper
43 100
72 29.7 12.7 38.1

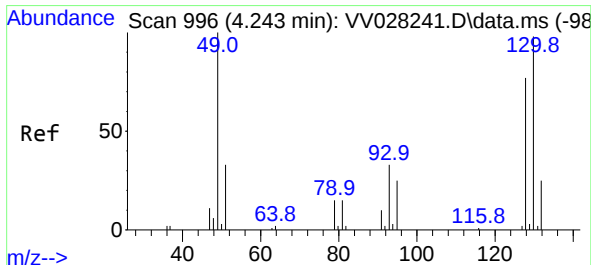
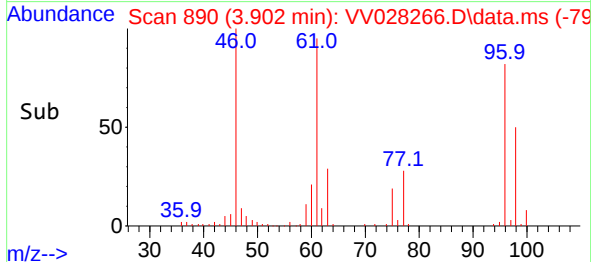
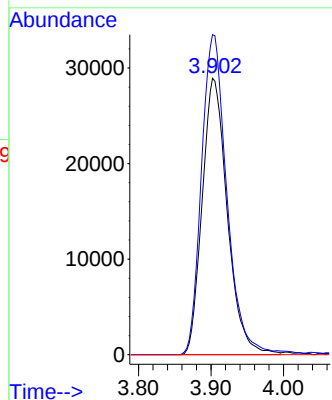
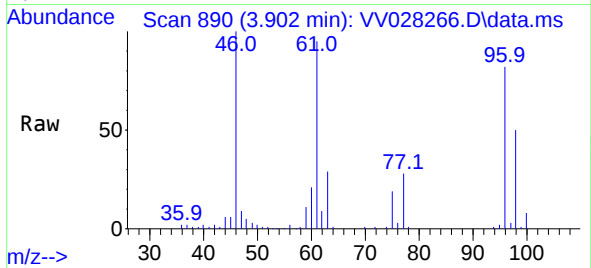




#22
 cis-1,2-Dichloroethene
 Concen: 4.710 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

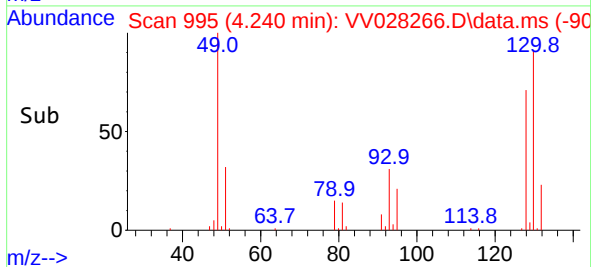
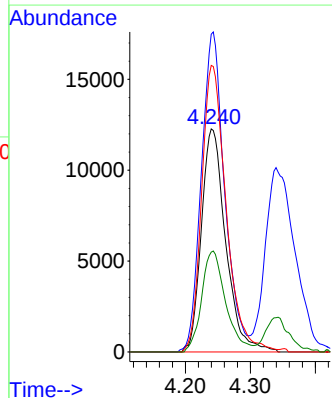
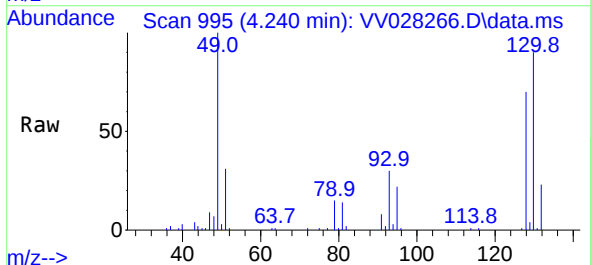
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

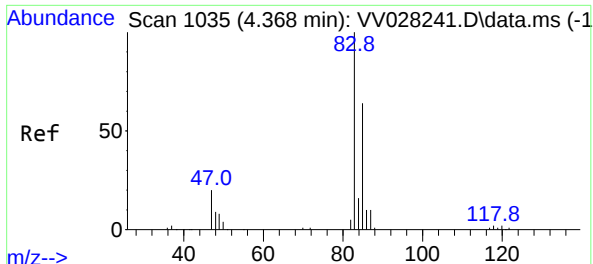
Tgt Ion: 96 Resp: 69615
 Ion Ratio Lower Upper
 96 100
 61 115.8 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.403 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Tgt Ion: 128 Resp: 31976
 Ion Ratio Lower Upper
 128 100
 49 142.5 119.9 222.7
 130 128.4 94.6 175.8
 51 44.7 45.1 67.7#





#25

Chloroform

Concen: 5.114 ug/L

RT: 4.365 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

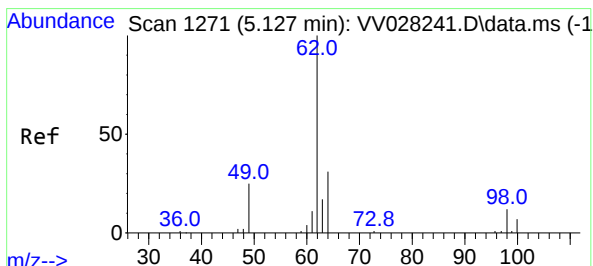
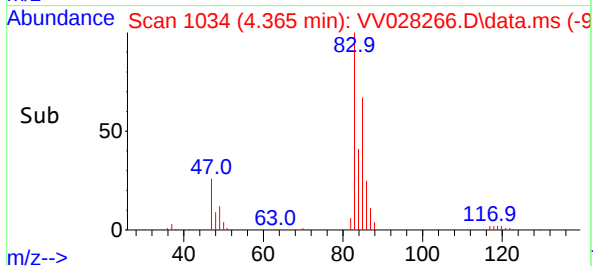
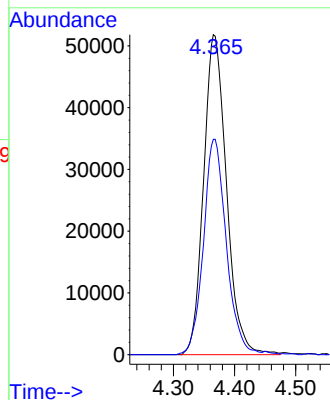
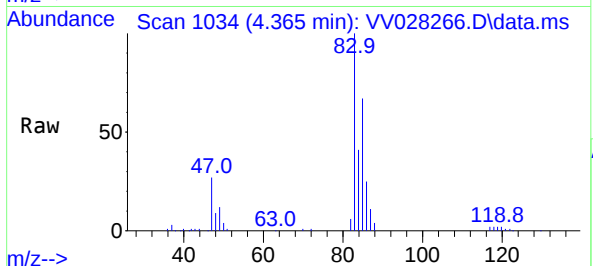
VSTD005314

Tgt Ion: 83 Resp: 134852

Ion Ratio Lower Upper

83 100

85 67.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.852 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028266.D

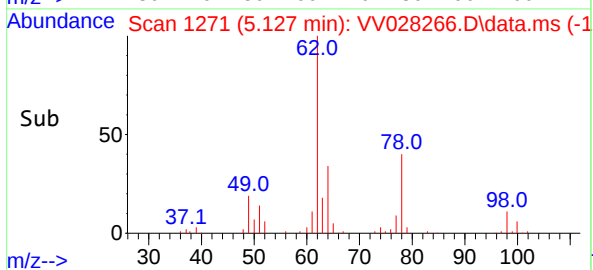
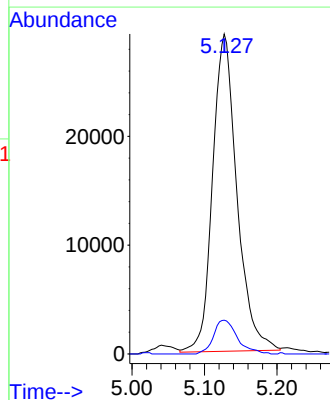
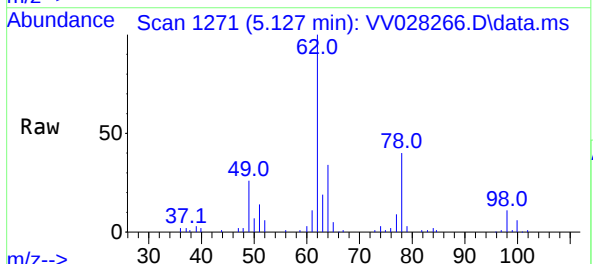
Acq: 01 Oct 2022 08:03

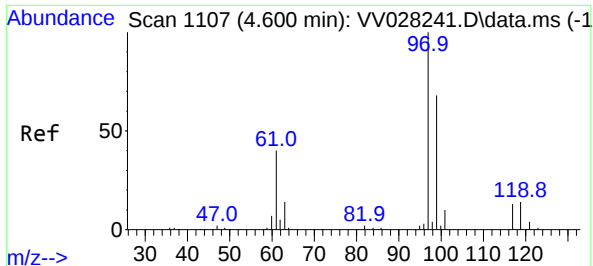
Tgt Ion: 62 Resp: 68225

Ion Ratio Lower Upper

62 100

98 10.6 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.679 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

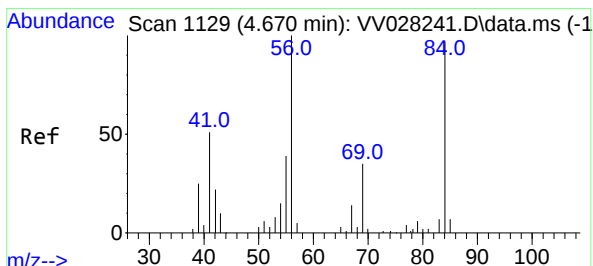
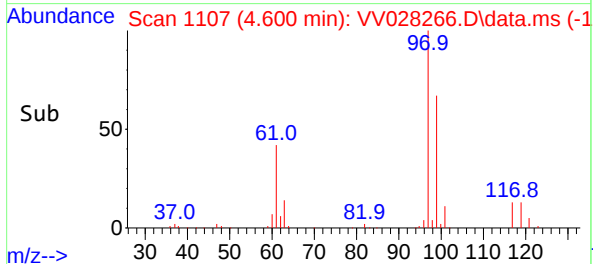
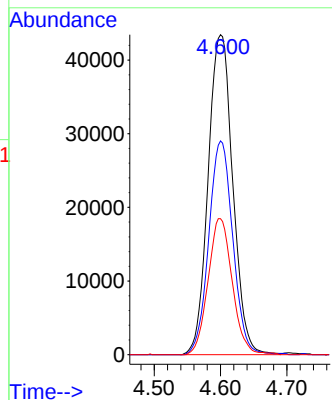
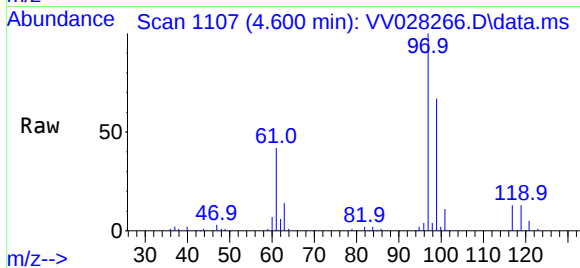
Tgt Ion: 97 Resp: 112259

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 41.8 34.8 52.2



#30

Cyclohexane

Concen: 4.197 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

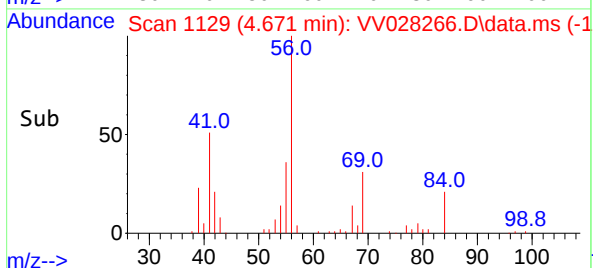
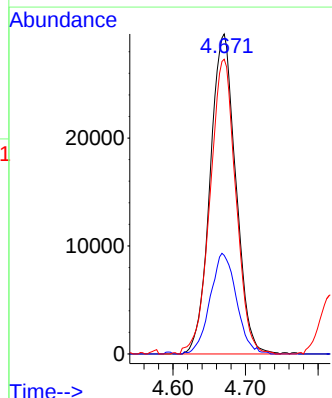
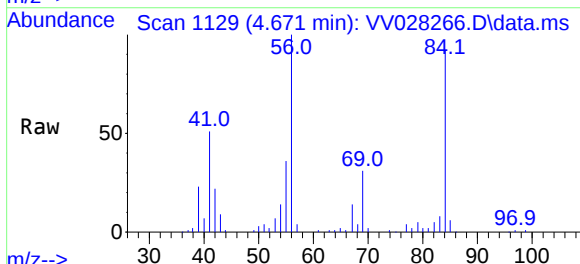
Tgt Ion: 56 Resp: 72812

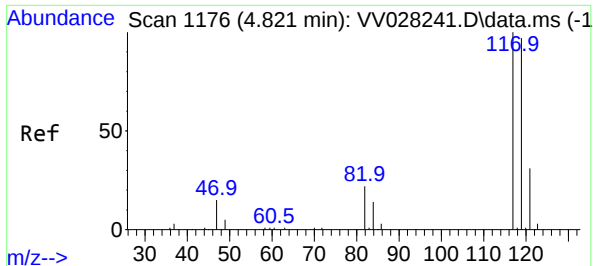
Ion Ratio Lower Upper

56 100

69 32.3 23.7 35.5

84 92.4 67.3 100.9

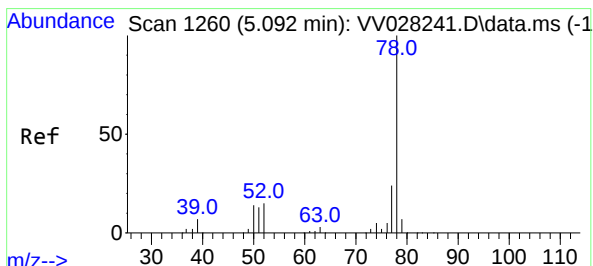
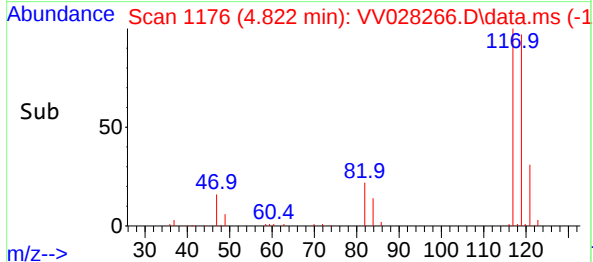
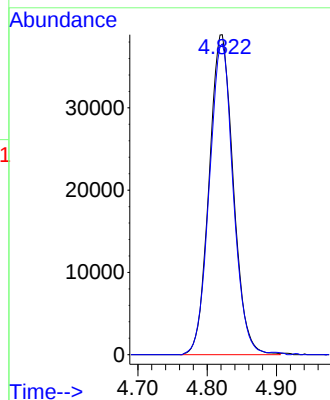
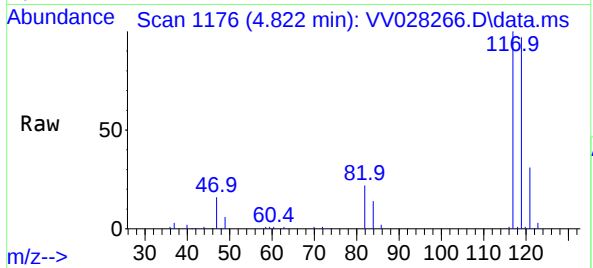




#31
Carbon tetrachloride
Concen: 4.771 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

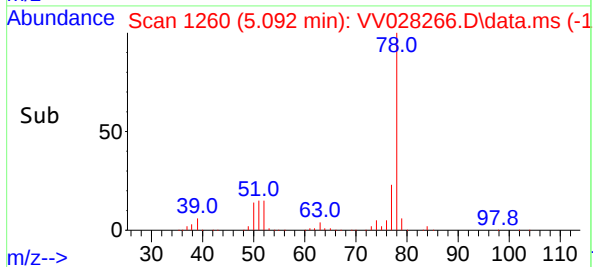
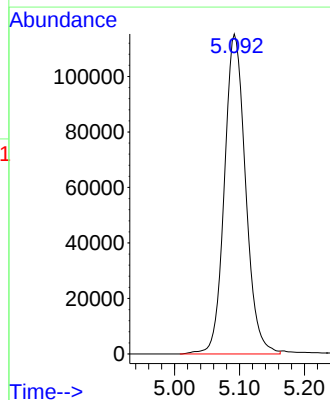
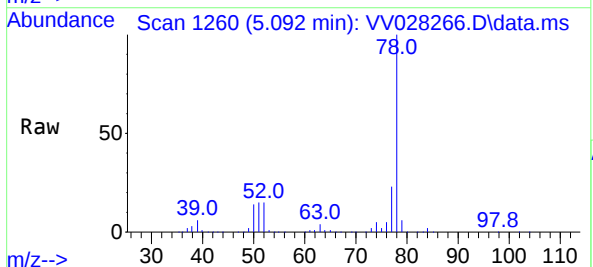
Instrument : MSVOA_V
ClientSampleId : VSTD005314

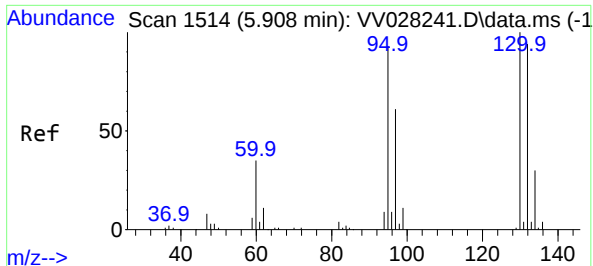
Tgt Ion:117 Resp: 94179
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 4.817 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 78 Resp: 261152

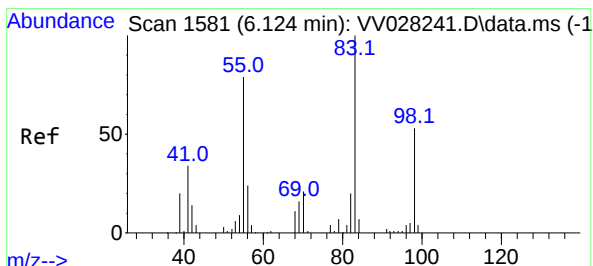
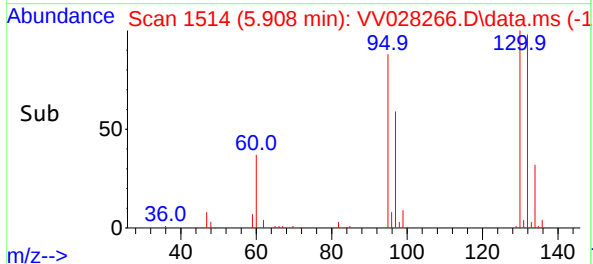
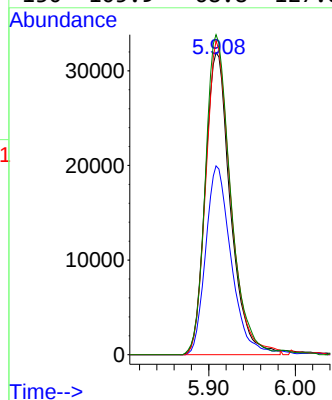
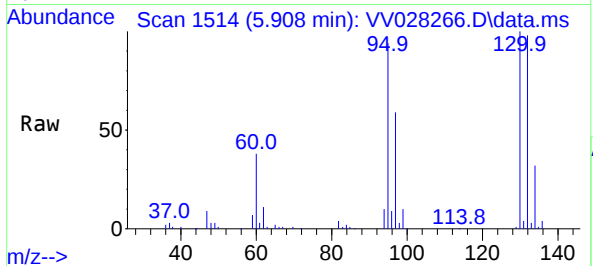




#34
Trichloroethene
Concen: 4.769 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

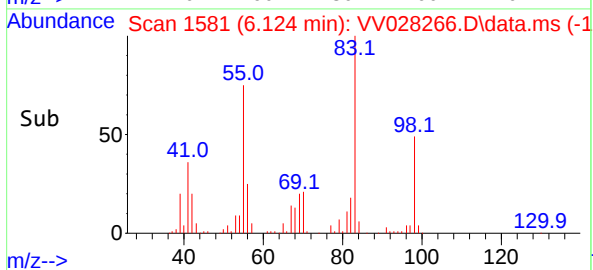
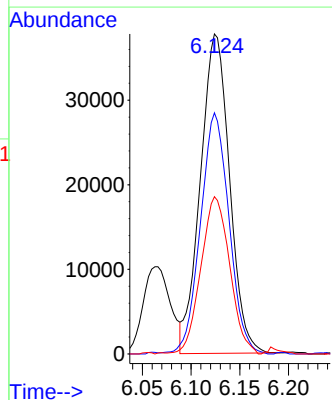
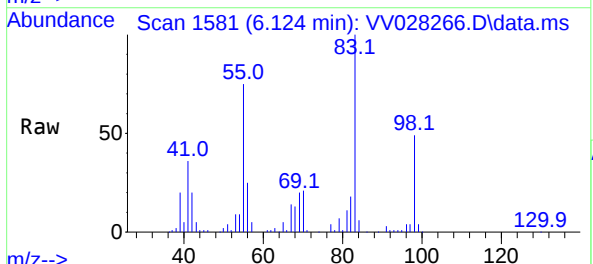
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

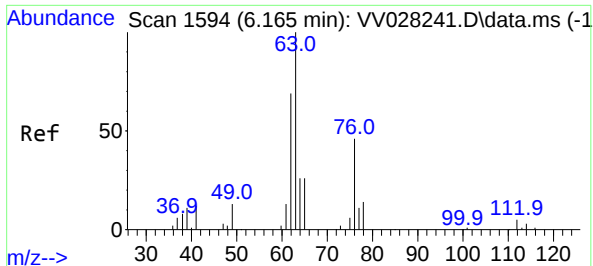
Tgt Ion: 95 Resp: 64367
Ion Ratio Lower Upper
95 100
97 62.5 44.2 82.0
132 103.8 67.8 126.0
130 105.9 68.8 127.8



#35
Methylcyclohexane
Concen: 4.248 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 83 Resp: 78619
Ion Ratio Lower Upper
83 100
55 74.1 64.7 97.1
98 48.8 39.5 59.3

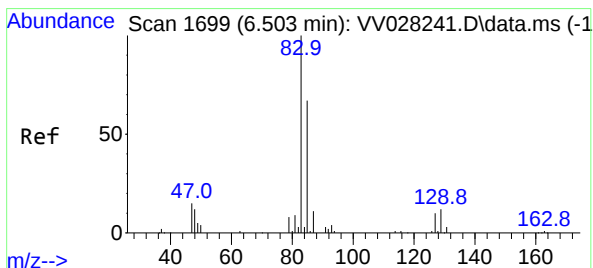
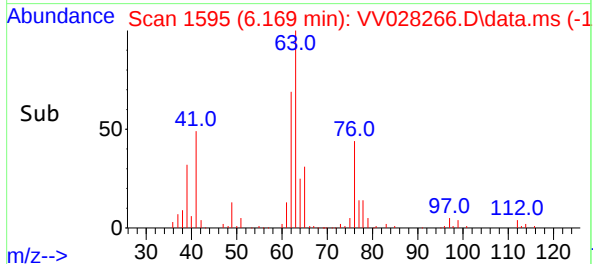
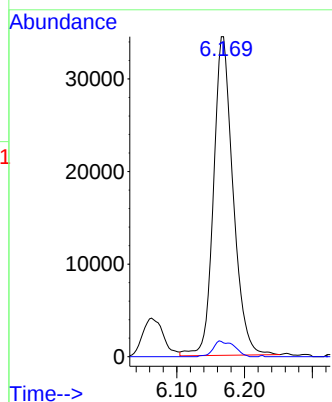
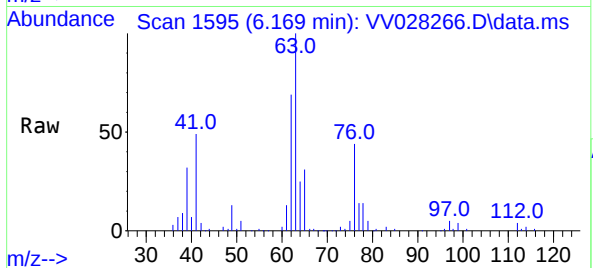




#37
1,2-Dichloropropane
Concen: 4.537 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

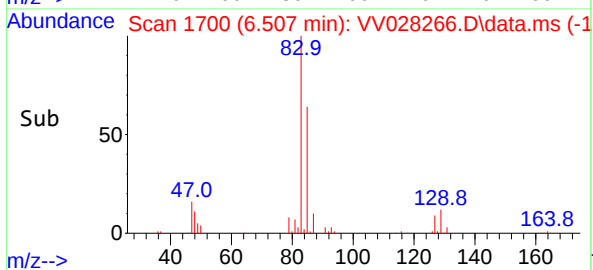
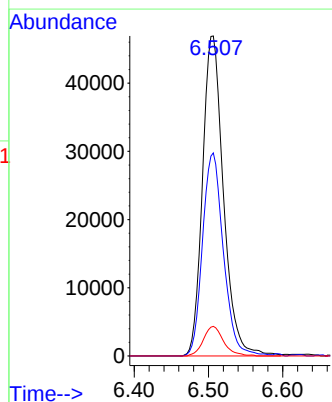
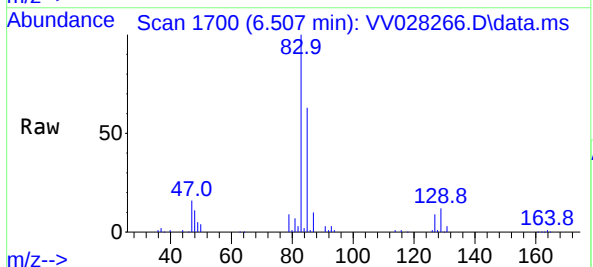
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

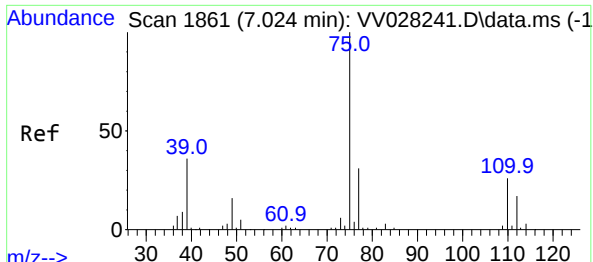
Tgt Ion: 63 Resp: 68953
Ion Ratio Lower Upper
63 100
112 5.3 3.5 5.3#



#38
Bromodichloromethane
Concen: 4.906 ug/L
RT: 6.507 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 83 Resp: 92058
Ion Ratio Lower Upper
83 100
85 63.4 43.8 81.4
127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.246 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

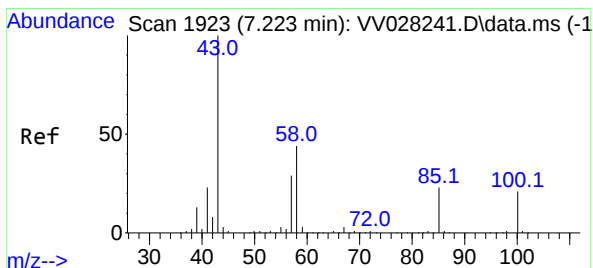
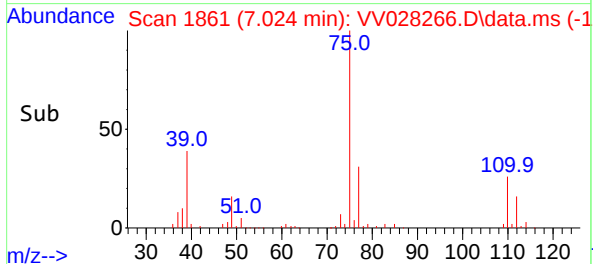
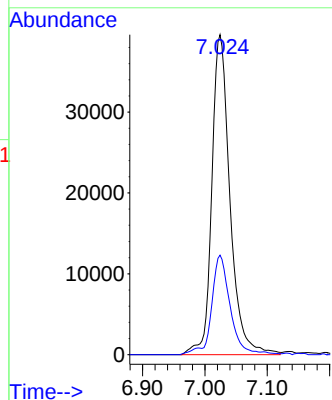
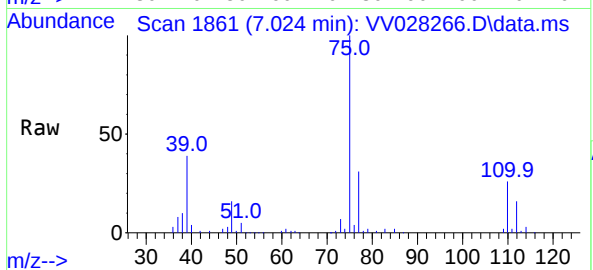
VSTD005314

Tgt Ion: 75 Resp: 80165

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 48.579 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

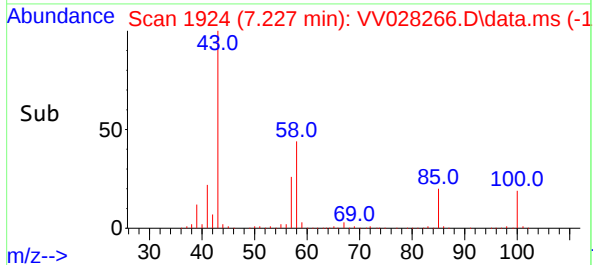
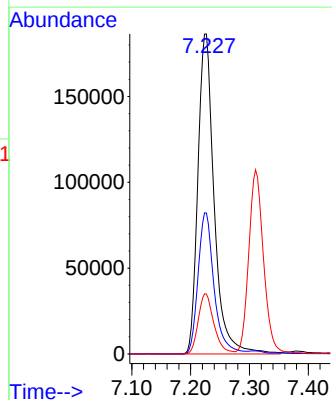
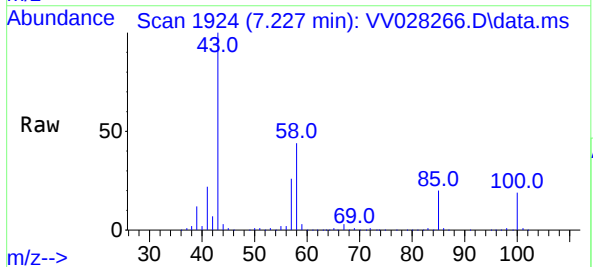
Tgt Ion: 43 Resp: 358560

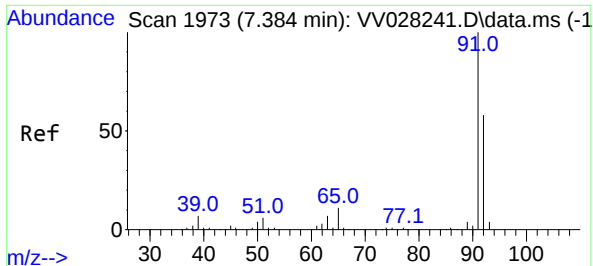
Ion Ratio Lower Upper

43 100

58 43.3 32.2 48.4

100 18.1 12.7 19.1

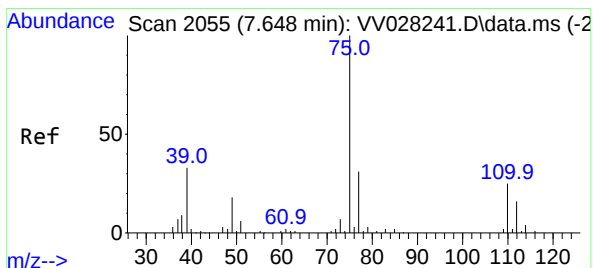
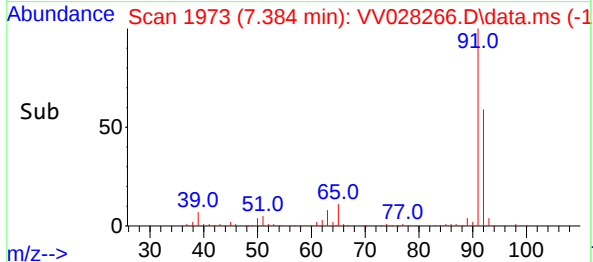
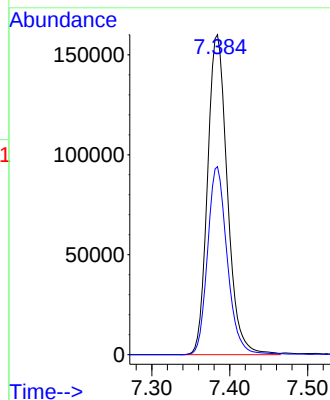
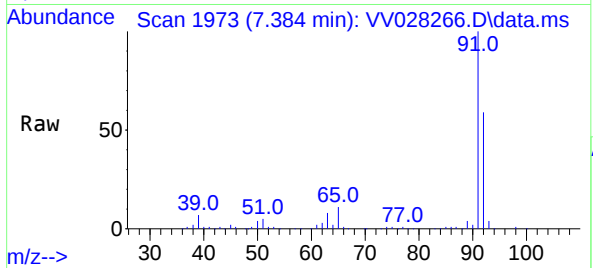




#42
Toluene
Concen: 5.009 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

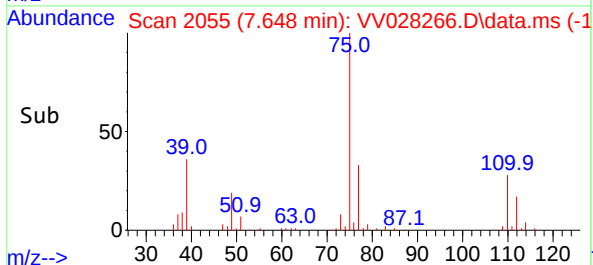
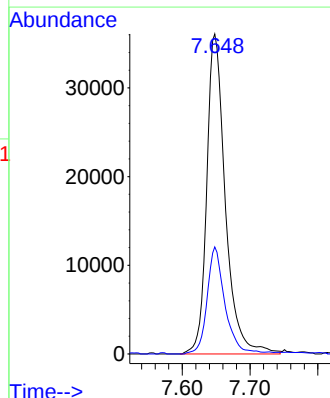
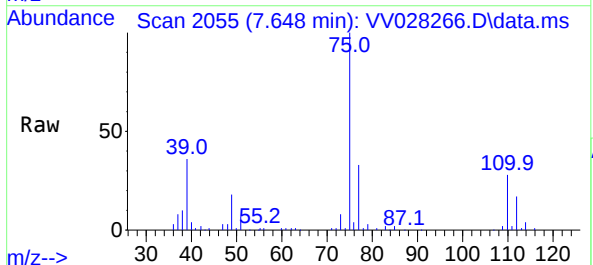
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

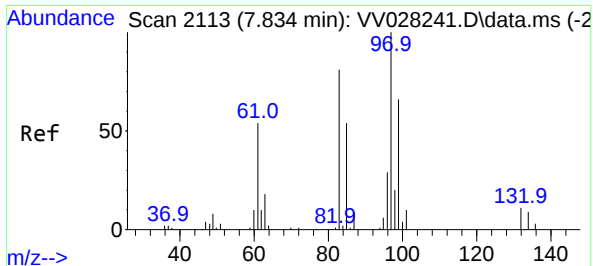
Tgt Ion: 91 Resp: 283277
Ion Ratio Lower Upper
91 100
92 58.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.239 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 75 Resp: 68835
Ion Ratio Lower Upper
75 100
77 33.5 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.404 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

Tgt Ion: 97 Resp: 55062

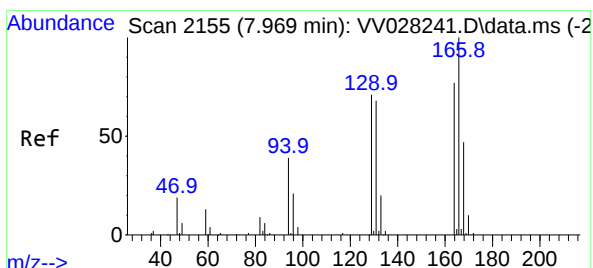
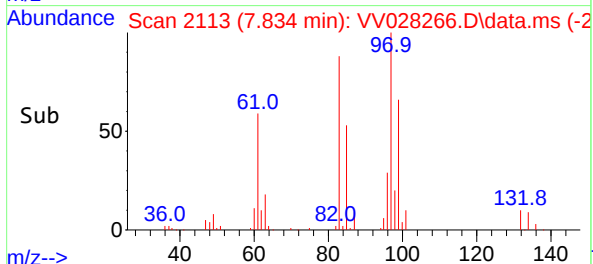
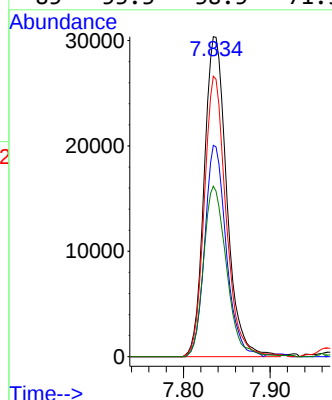
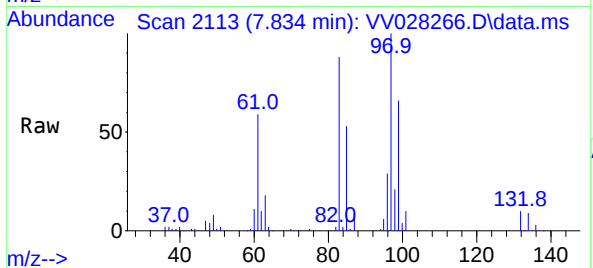
Ion Ratio Lower Upper

97 100

99 66.0 43.2 80.2

83 87.6 59.1 109.9

85 53.3 38.5 71.5



#47

Tetrachloroethene

Concen: 5.122 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028266.D

Acq: 01 Oct 2022 08:03

Tgt Ion:164 Resp: 55182

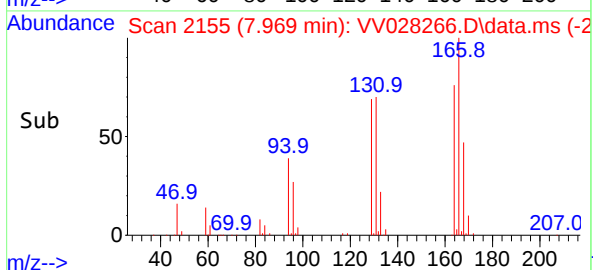
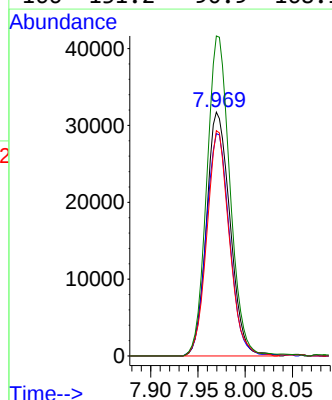
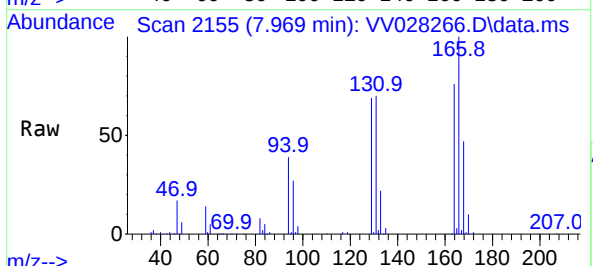
Ion Ratio Lower Upper

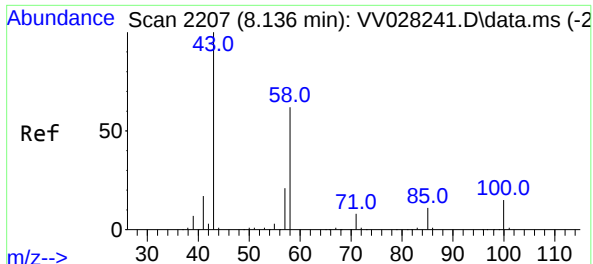
164 100

129 91.2 66.7 123.9

131 92.4 61.7 114.5

166 131.2 90.9 168.9

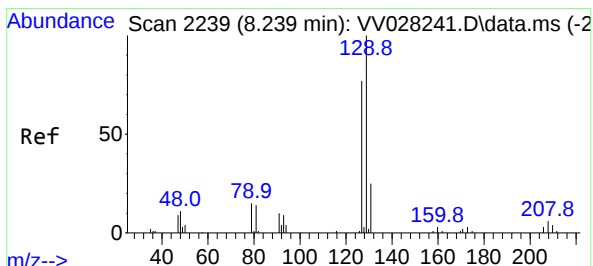
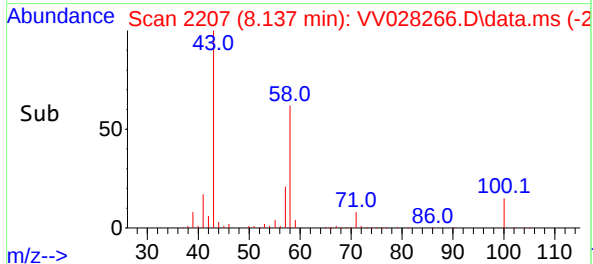
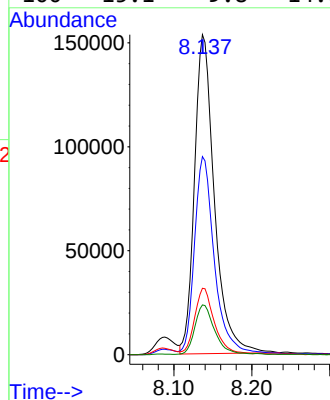
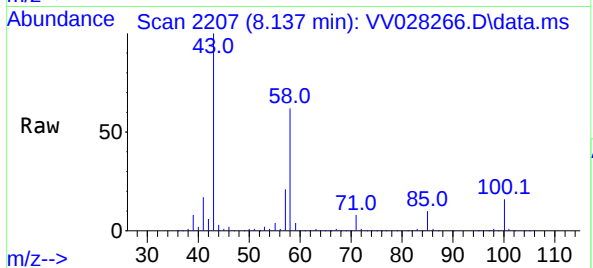




#48
2-Hexanone
Concen: 48.781 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

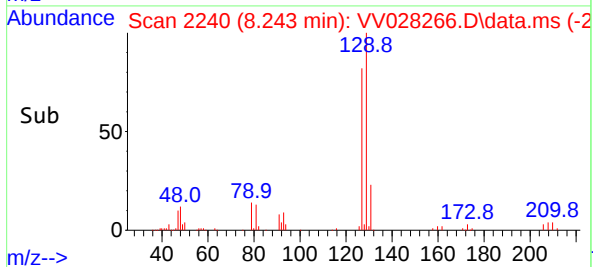
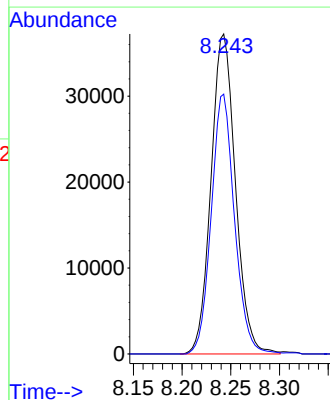
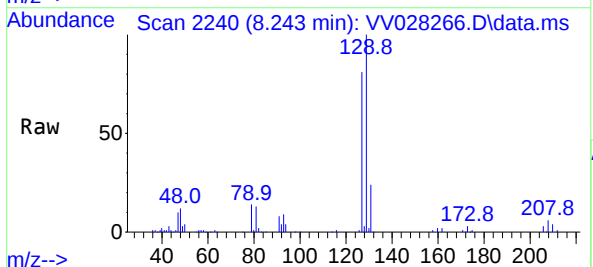
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

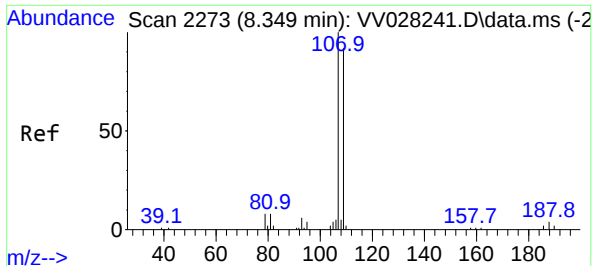
Tgt Ion: 43 Resp: 273328
Ion Ratio Lower Upper
43 100
58 61.7 45.7 68.5
57 20.2 15.5 23.3
100 15.1 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.299 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 129 Resp: 64913
Ion Ratio Lower Upper
129 100
127 81.2 54.3 100.9



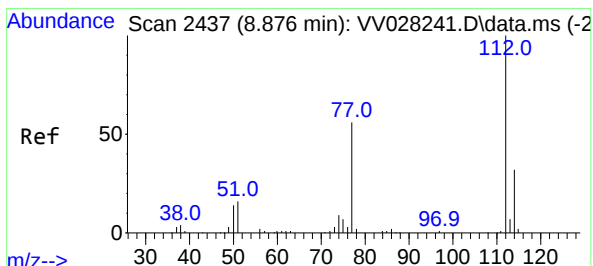
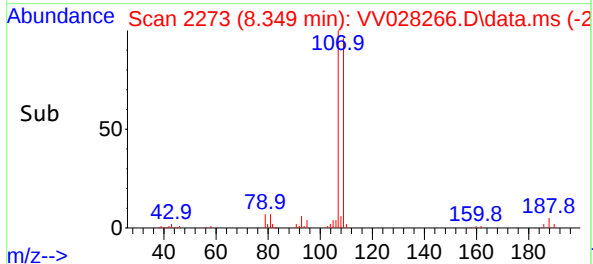
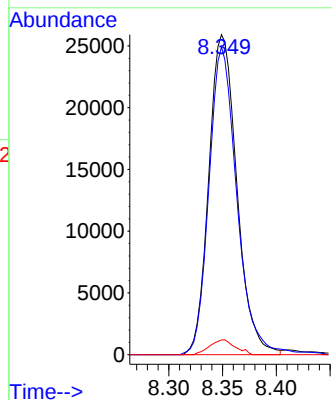
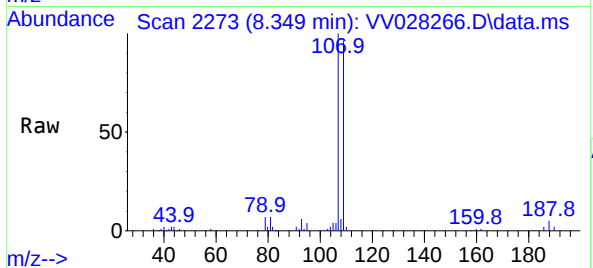


#50
1,2-Dibromoethane
Concen: 5.313 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

Tgt Ion:107 Resp: 47042

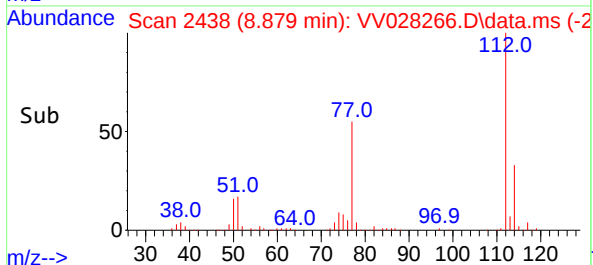
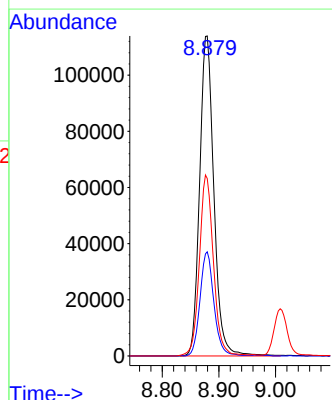
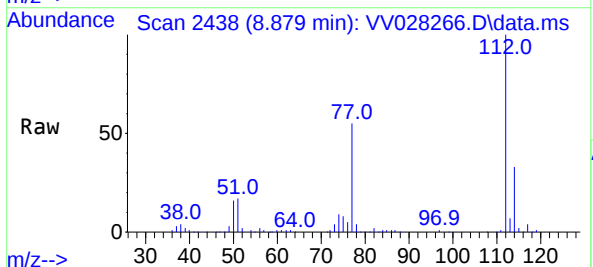
Ion	Ratio	Lower	Upper
107	100		
109	96.2	65.9	122.5
188	4.6	3.4	5.0

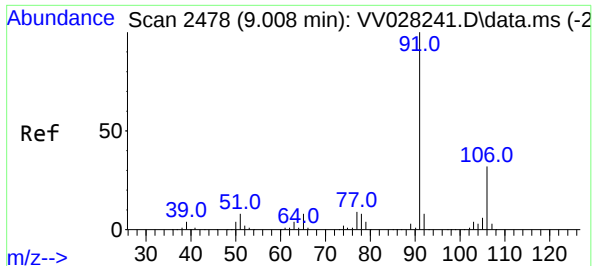


#51
Chlorobenzene
Concen: 5.247 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion:112 Resp: 199035

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.7
77	55.4	46.1	69.1

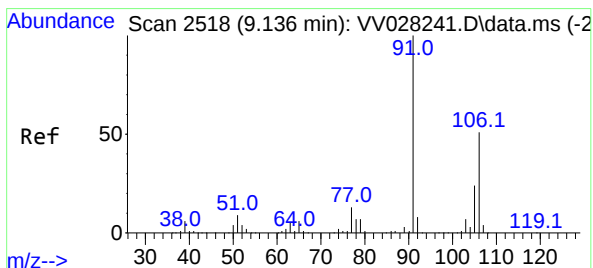
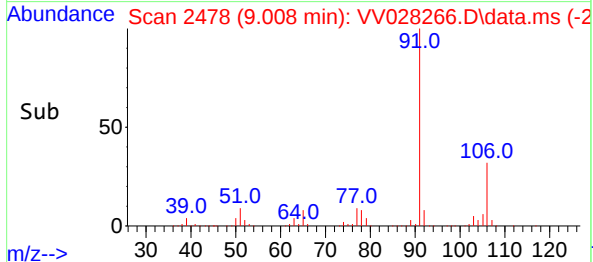
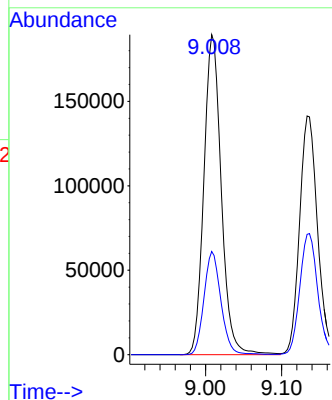
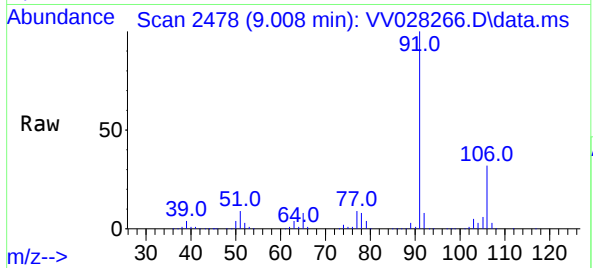




#52
Ethylbenzene
Concen: 5.031 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

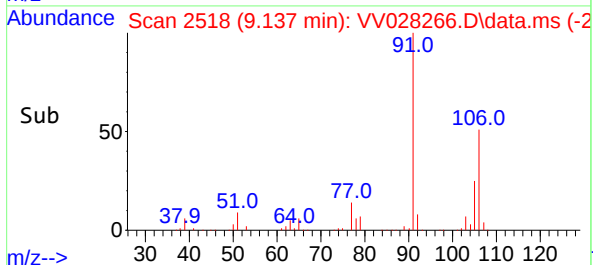
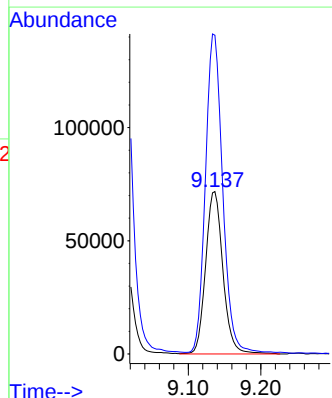
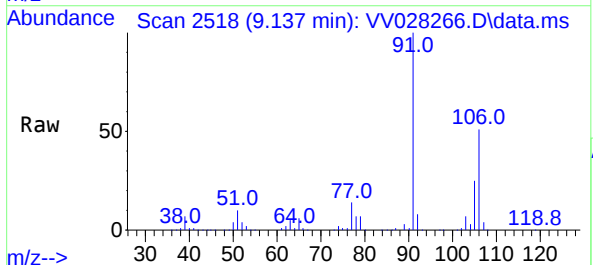
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

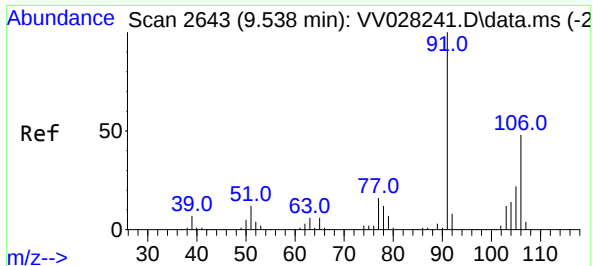
Tgt Ion: 91 Resp: 301002
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.193 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 106 Resp: 119071
Ion Ratio Lower Upper
106 100
91 196.3 141.9 263.5

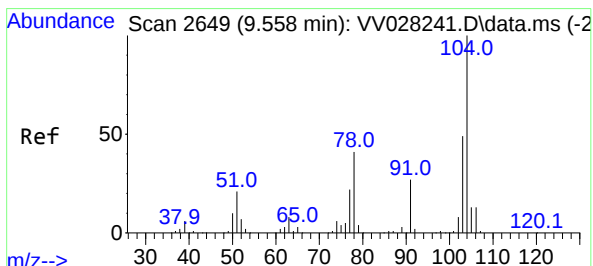
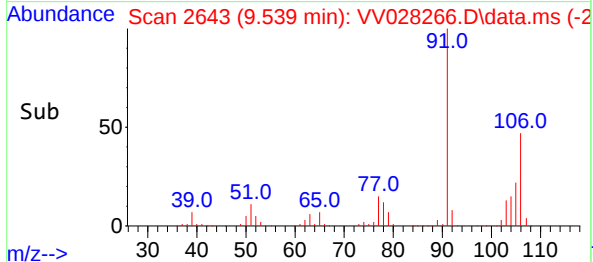
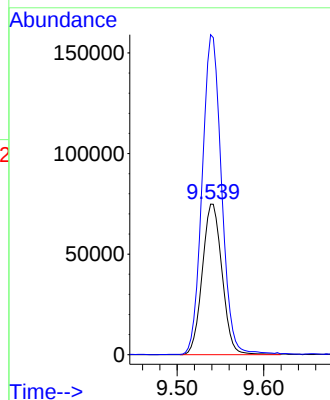
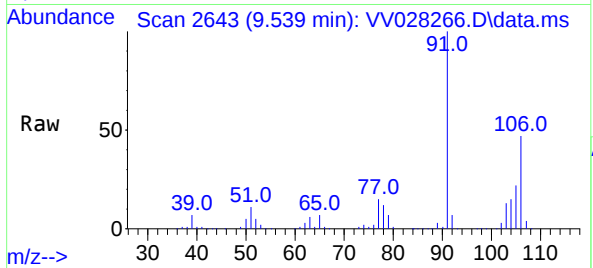




#54
o-Xylene
Concen: 5.237 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

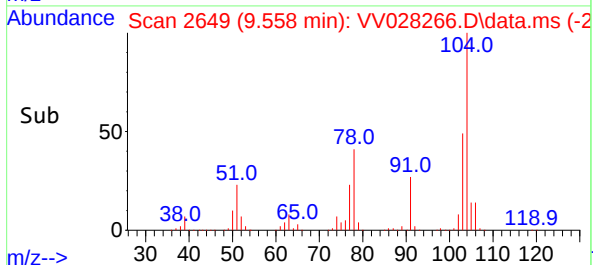
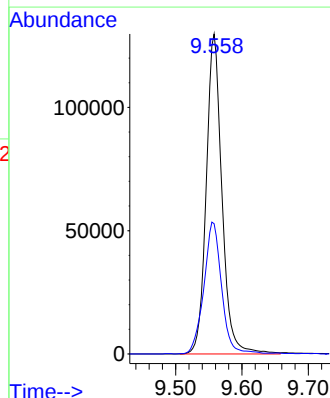
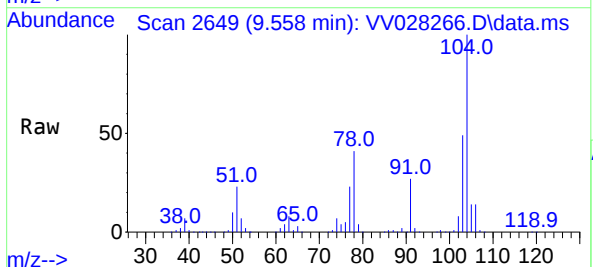
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

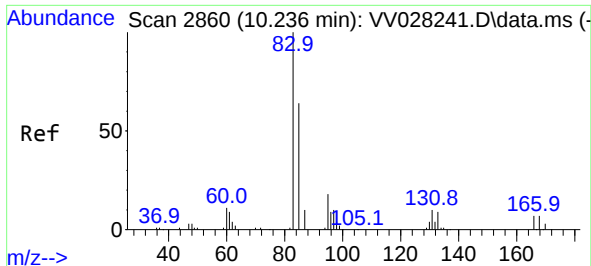
Tgt Ion:106 Resp: 118579
Ion Ratio Lower Upper
106 100
91 212.6 148.1 275.0



#55
Styrene
Concen: 5.450 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion:104 Resp: 213811
Ion Ratio Lower Upper
104 100
78 40.7 31.0 57.6

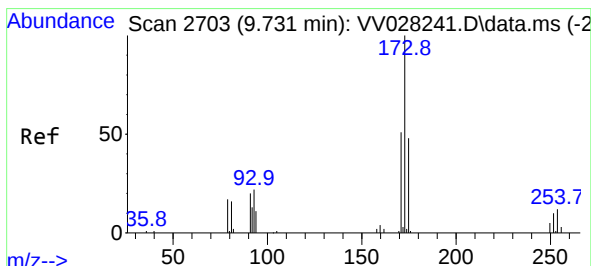
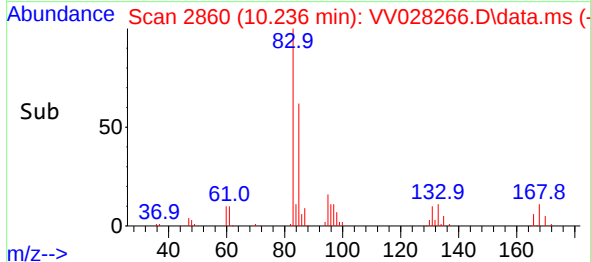
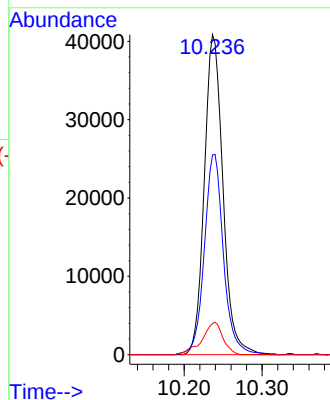
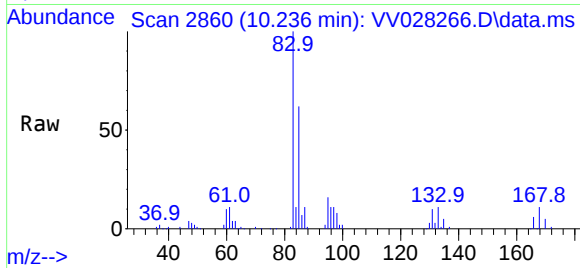




#57
1,1,2,2-Tetrachloroethane
Concen: 5.726 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

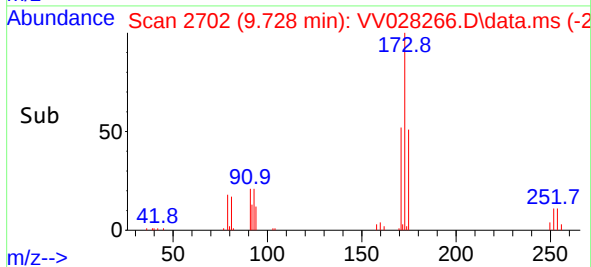
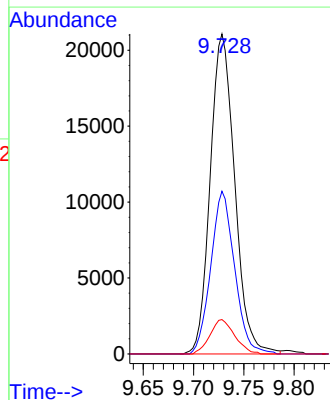
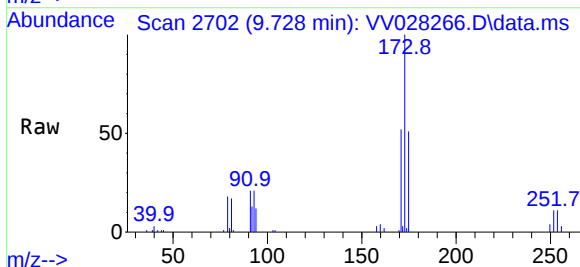
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

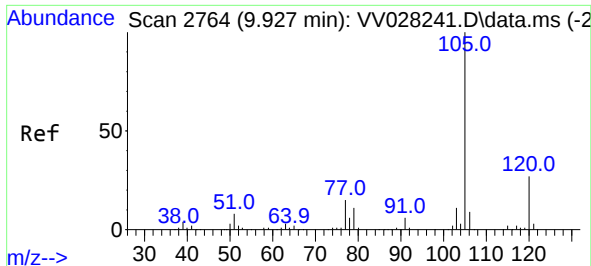
Tgt Ion: 83 Resp: 67982
Ion Ratio Lower Upper
83 100
85 62.4 45.2 84.0
131 9.7 7.8 11.8



#59
Bromoform
Concen: 5.270 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 173 Resp: 35678
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 10.9 8.7 13.1

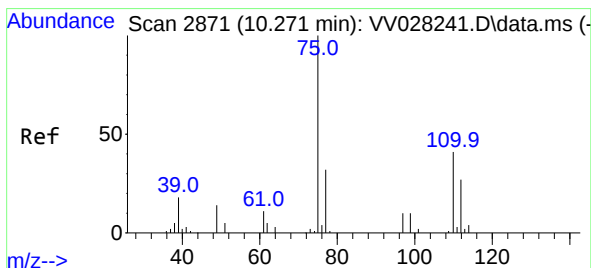
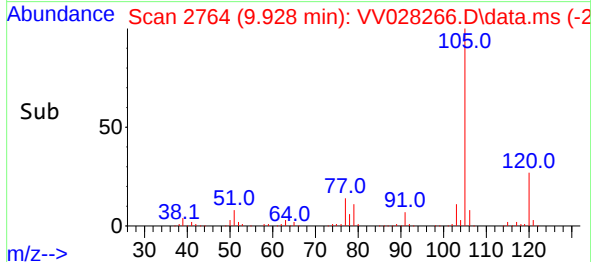
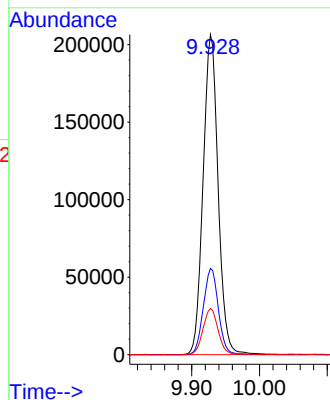
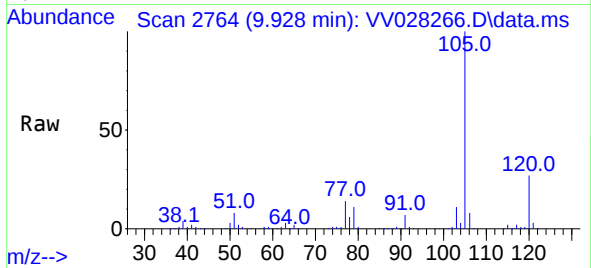




#60
Isopropylbenzene
Concen: 5.077 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

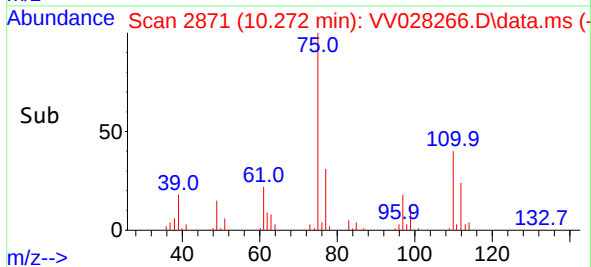
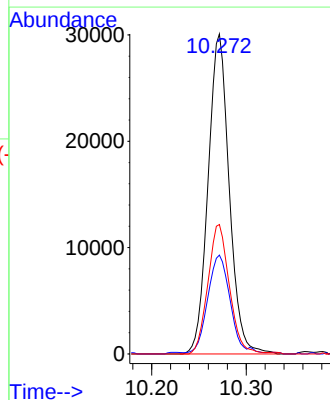
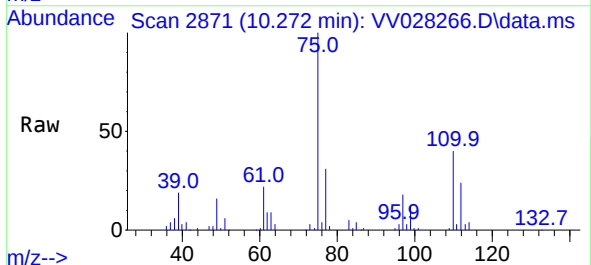
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

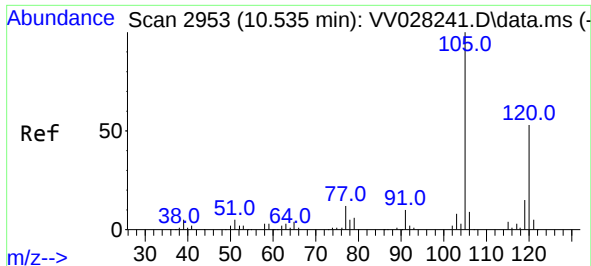
Tgt Ion:105 Resp: 317757
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.221 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion: 75 Resp: 46693
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
110 41.2 30.1 45.1

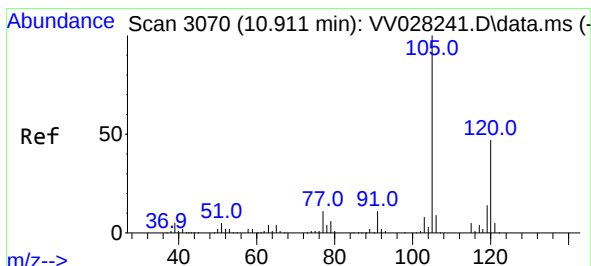
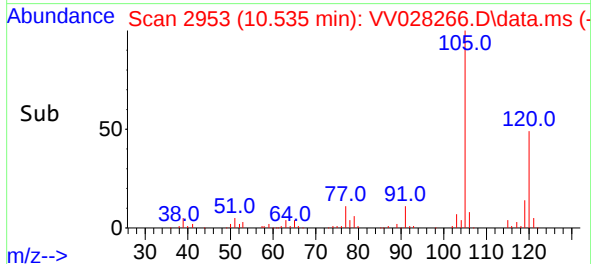
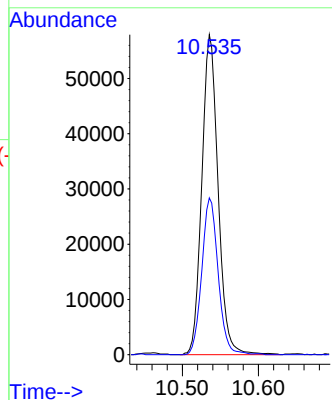
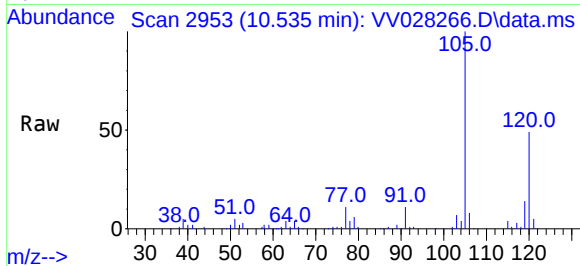




#62
 1,3,5-Trimethylbenzene
 Concen: 4.873 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

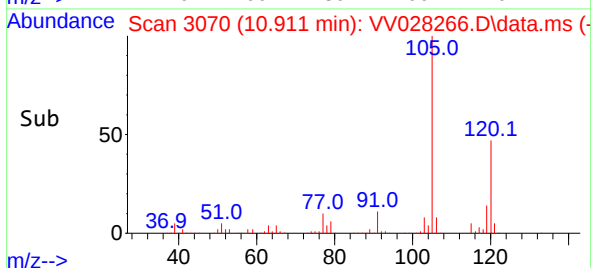
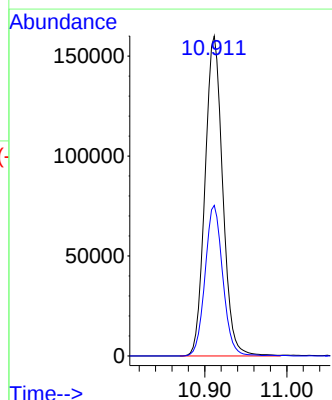
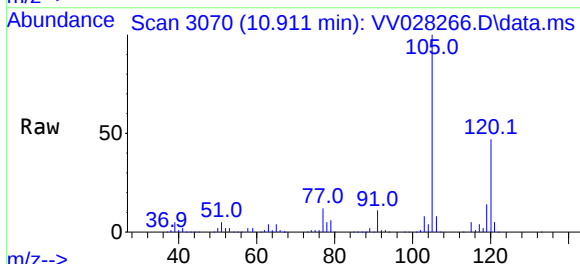
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

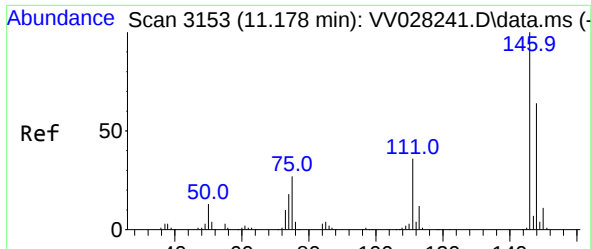
Tgt Ion:105 Resp: 85918
 Ion Ratio Lower Upper
 105 100
 120 49.1 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.861 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Tgt Ion:105 Resp: 239556
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.8 56.8

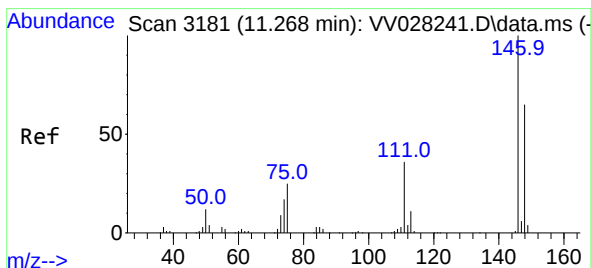
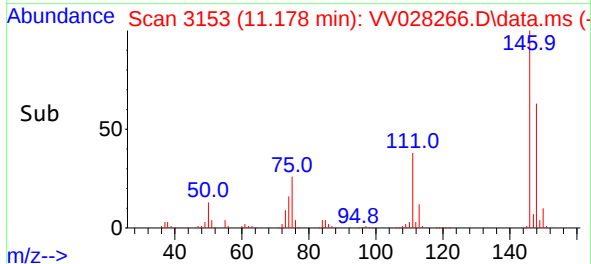
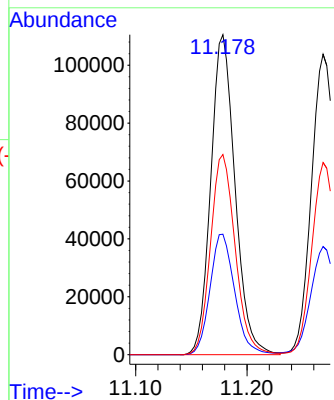
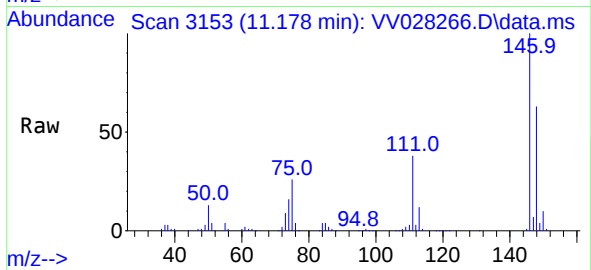




#64
1,3-Dichlorobenzene
Concen: 5.377 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

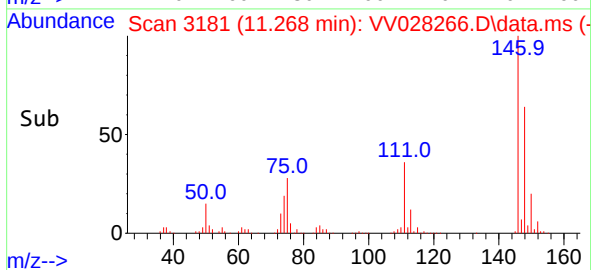
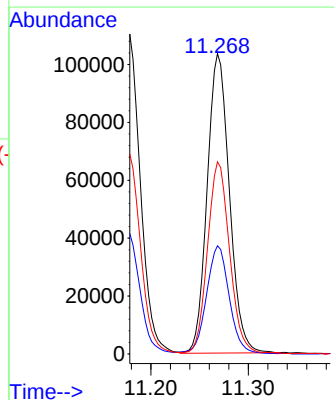
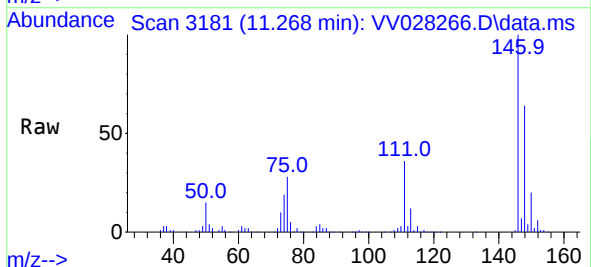
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

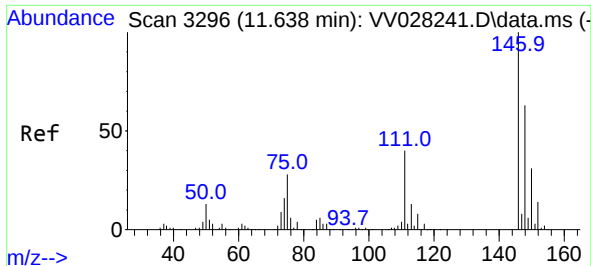
Tgt Ion:146 Resp: 167475
Ion Ratio Lower Upper
146 100
111 37.7 27.1 50.3
148 62.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.252 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion:146 Resp: 163666
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.8
148 64.0 45.8 85.2

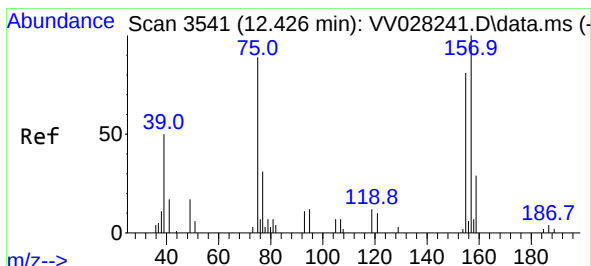
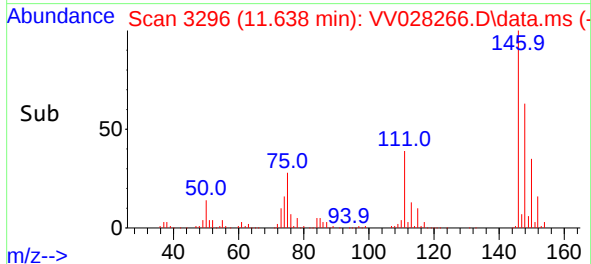
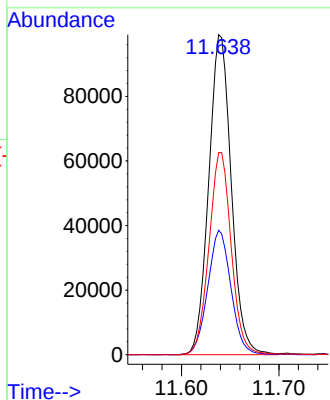
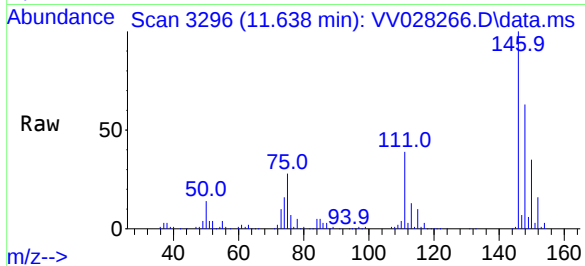




#67
1,2-Dichlorobenzene
Concen: 5.403 ug/L
RT: 11.638 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

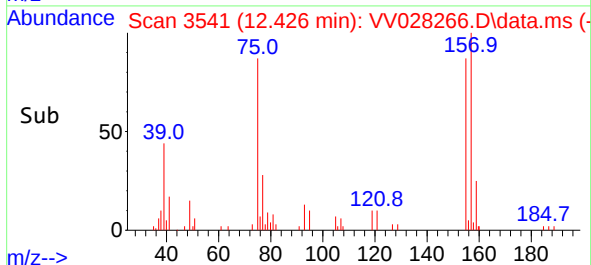
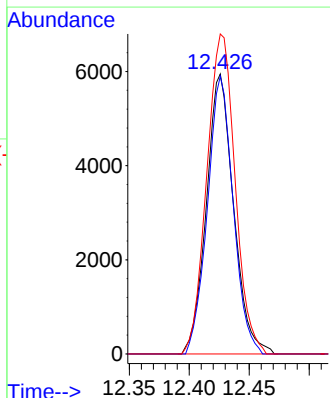
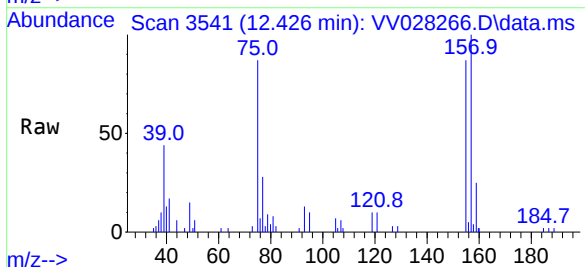
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

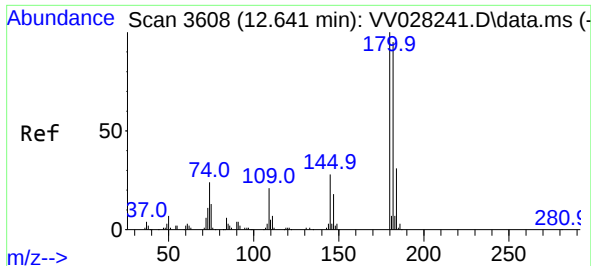
Tgt Ion:146 Resp: 158970
Ion Ratio Lower Upper
146 100
111 38.9 32.6 49.0
148 63.1 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.792 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

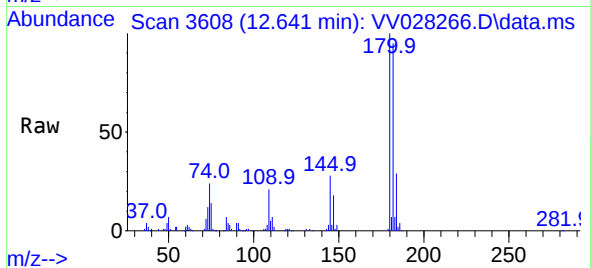
Tgt Ion: 75 Resp: 9395
Ion Ratio Lower Upper
75 100
155 99.2 73.6 110.4
157 114.3 90.7 136.1





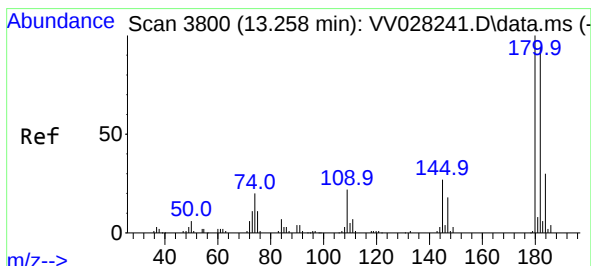
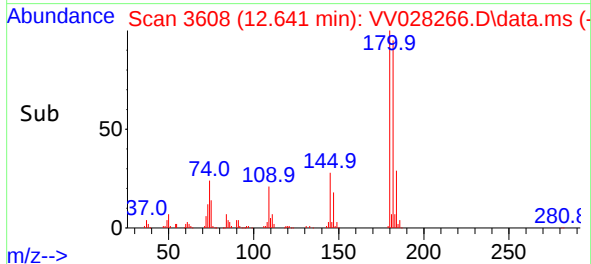
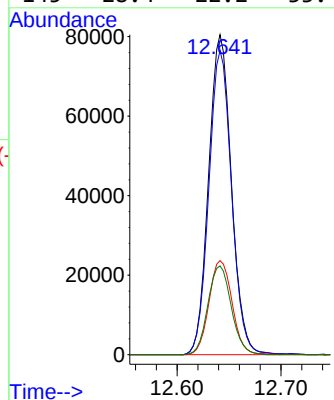
#69
 1,3,5-Trichlorobenzene
 Concen: 4.976 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314



Tgt Ion:180 Resp: 122666

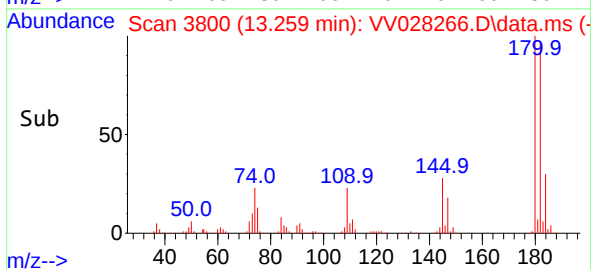
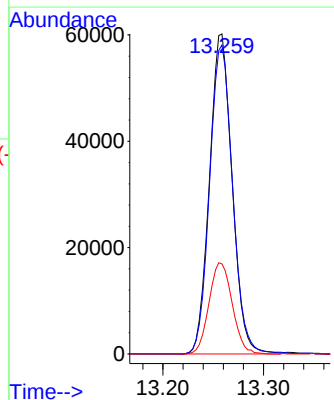
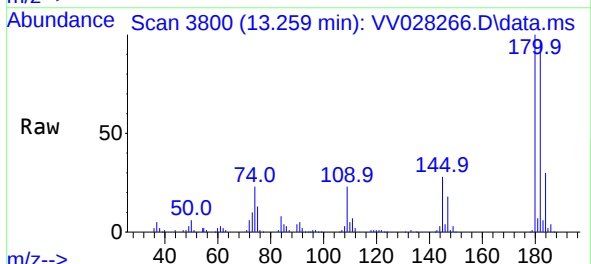
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
184	29.8	23.7	35.5
145	28.4	22.2	33.4

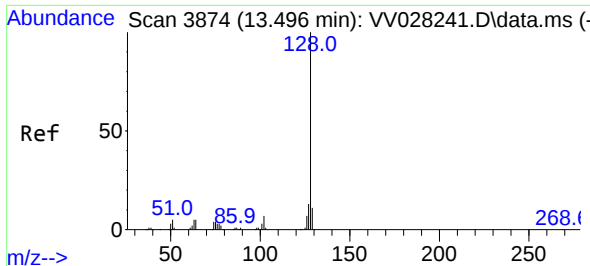


#70
 1,2,4-trichlorobenzene
 Concen: 4.769 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.003 min
 Lab File: VV028266.D
 Acq: 01 Oct 2022 08:03

Tgt Ion:180 Resp: 94030

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.3	114.5
145	29.2	22.9	34.3

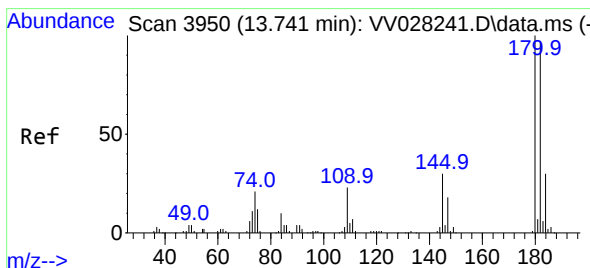
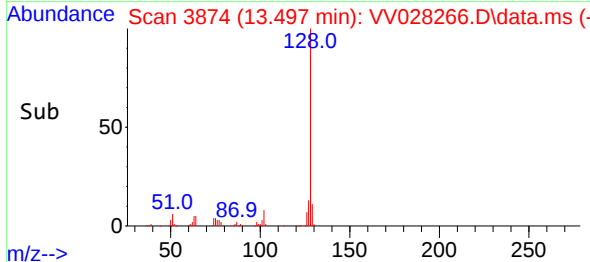
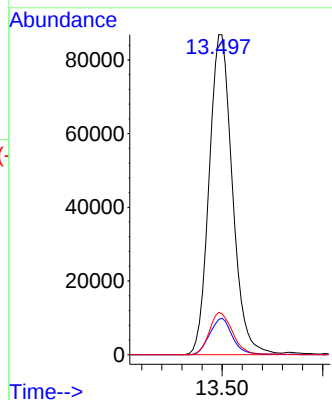
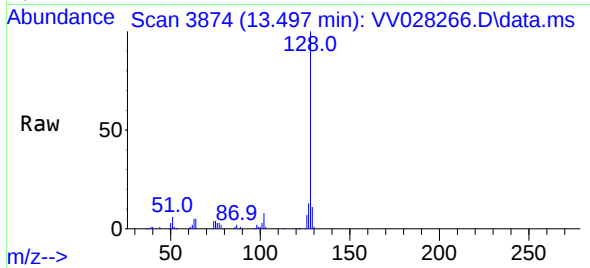




#71
Naphthalene
Concen: 4.320 ug/L
RT: 13.497 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

Tgt Ion:128 Resp: 139473
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.034 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028266.D
Acq: 01 Oct 2022 08:03

Tgt Ion:180 Resp: 89779
Ion Ratio Lower Upper
180 100
182 93.2 77.4 116.0
145 30.5 24.6 36.8

