

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028216.D
 Acq On : 30 Sep 2022 03:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Sep 30 06:23:28 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	5.612	114	181702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	180308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72284	3.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.561	69	59690	3.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.101	63	124420	3.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.895	46	140582	44.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.342	84	132871	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	59127	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.043	84	261481	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.063	67	74899	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.310	98	250434	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.619	79	26625	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.085	63	120819	43.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56322	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89217	4.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	55882	4.118	ug/L	91
3) Chloromethane	1.236	50	48894	2.721	ug/L	98
5) Vinyl chloride	1.304	62	59609	4.231	ug/L	89
6) Bromomethane	1.516	94	23975	2.613	ug/L	99
8) Chloroethane	1.580	64	48348	5.117	ug/L	86
9) Trichlorofluoromethane	1.748	101	103434	4.623	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	58848	4.564	ug/L	97
12) 1,1-Dichloroethene	2.111	96	54073	4.306	ug/L	86
13) Acetone	2.188	43	90085	36.775	ug/L	97
14) Carbon disulfide	2.285	76	101461	4.210	ug/L	99
15) Methyl Acetate	2.436	43	19947	4.195	ug/L #	82
16) Methylene chloride	2.500	84	70420	5.024	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	132835	4.918	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	54148	4.926	ug/L	93
19) 1,1-Dichloroethane	3.182	63	113410	4.729	ug/L	97
21) 2-Butanone	3.979	43	133139	43.901	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	64635	4.481	ug/L	95
23) Bromochloromethane	4.243	128	28799	4.986	ug/L #	85
25) Chloroform	4.368	83	126568	4.919	ug/L	100

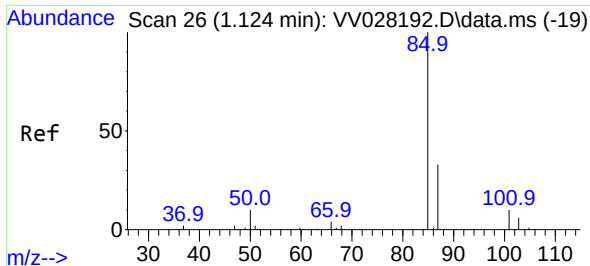
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66236	4.827	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	105683	4.770	ug/L	98
30) Cyclohexane	4.667	56	67717	4.226	ug/L	89
31) Carbon tetrachloride	4.821	117	89413	4.904	ug/L	99
33) Benzene	5.092	78	239500	4.783	ug/L	100
34) Trichloroethene	5.908	95	60183	4.829	ug/L	95
35) Methylcyclohexane	6.127	83	74326	4.348	ug/L	96
37) 1,2-Dichloropropane	6.169	63	63989	4.559	ug/L	98
38) Bromodichloromethane	6.506	83	83504	4.819	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	76080	4.364	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	327918	48.108	ug/L	95
42) Toluene	7.384	91	260751	4.993	ug/L	96
44) trans-1,3-Dichloropropene	7.648	75	65056	4.338	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	48388	5.143	ug/L	98
47) Tetrachloroethene	7.972	164	51028	5.129	ug/L	96
48) 2-Hexanone	8.136	43	247128	47.758	ug/L	97
49) Dibromochloromethane	8.243	129	56087	4.958	ug/L	98
50) 1,2-Dibromoethane	8.349	107	40786	4.988	ug/L	99
51) Chlorobenzene	8.879	112	181575	5.183	ug/L	96
52) Ethylbenzene	9.008	91	273953	4.958	ug/L	99
53) m,p-Xylene	9.133	106	108198	5.110	ug/L	98
54) o-Xylene	9.542	106	108859	5.206	ug/L	95
55) Styrene	9.558	104	192519	5.313	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	56254	5.131	ug/L	98
59) Bromoform	9.728	173	28399	4.372	ug/L	99
60) Isopropylbenzene	9.927	105	288425	4.803	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40883	4.765	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	79279	4.687	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	219755	4.648	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	154074	5.156	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150719	5.041	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	140576	4.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8385	4.458	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	119846	5.067	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	96573	5.105	ug/L	99
71) Naphthalene	13.500	128	143775	4.642	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	86354	5.047	ug/L	99

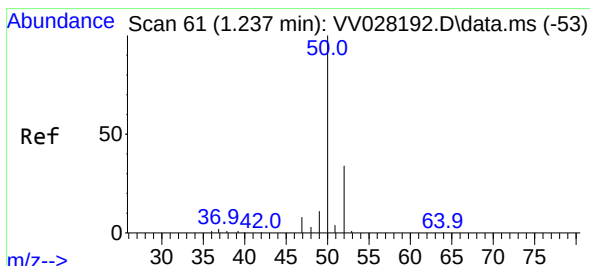
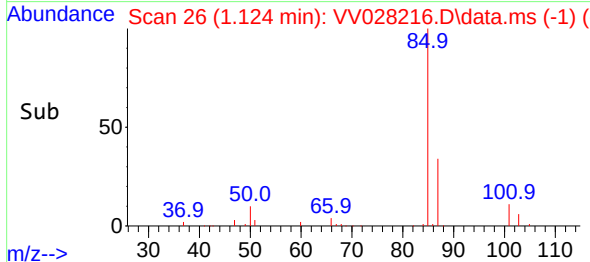
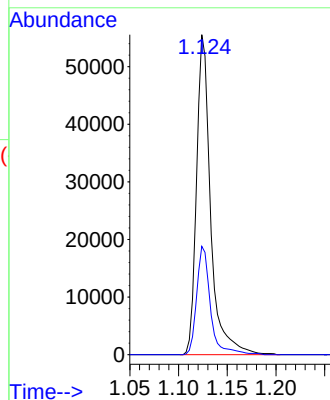
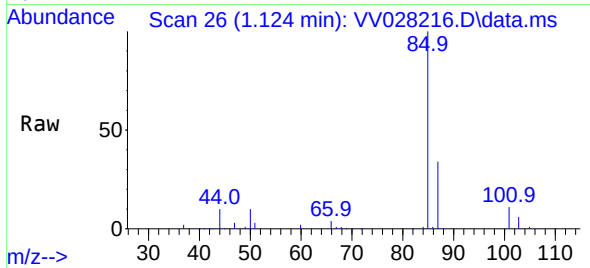
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.118 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

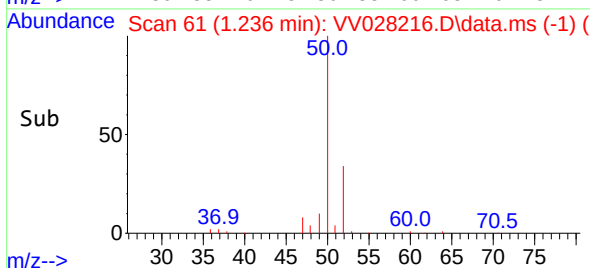
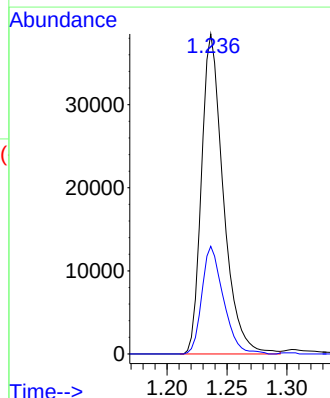
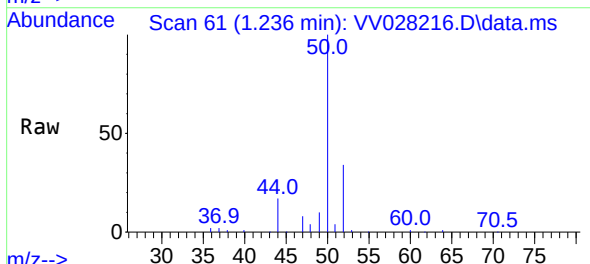
Instrument :
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 ClientSampleId :
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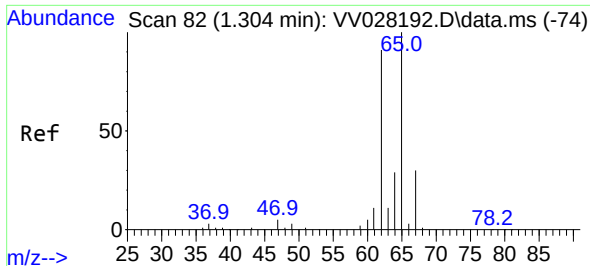
Tgt Ion: 85 Resp: 55882
 Ion Ratio Lower Upper
 85 100
 87 33.2 22.8 34.2



#3
 Chloromethane
 Concen: 2.721 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

Tgt Ion: 50 Resp: 48894
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.4 45.2

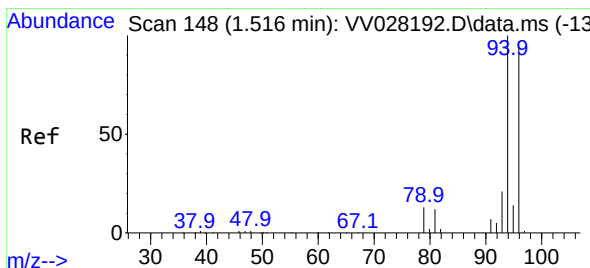
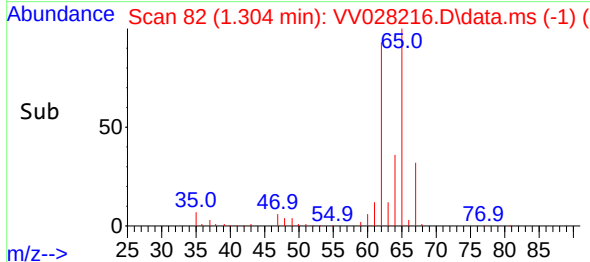
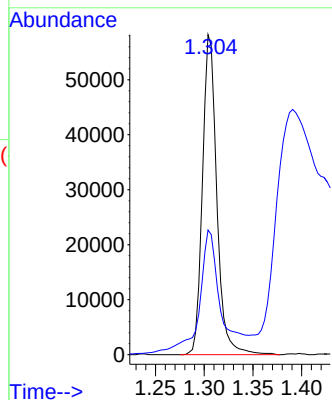
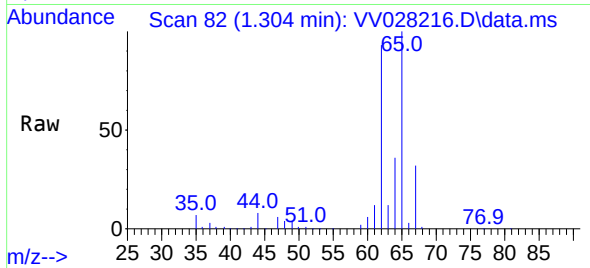




#5
 Vinyl chloride
 Concen: 4.231 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

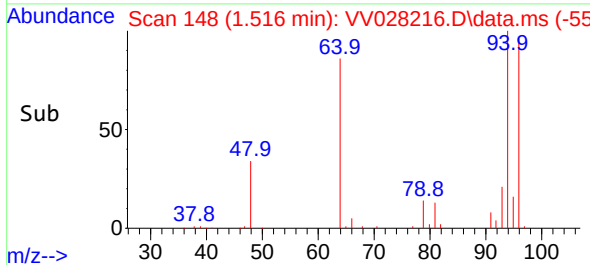
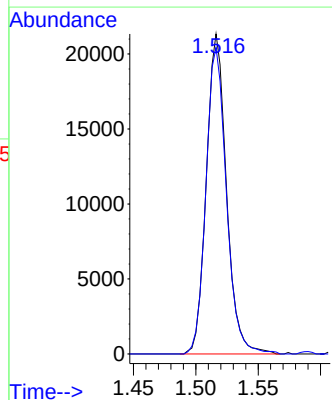
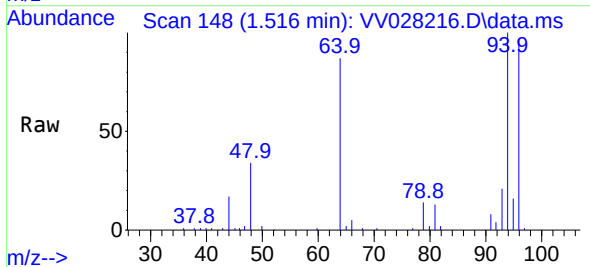
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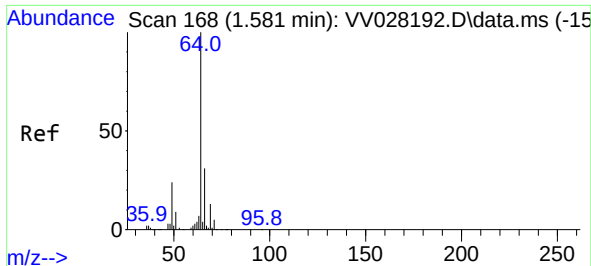
Tgt Ion: 62 Resp: 59609
 Ion Ratio Lower Upper
 62 100
 64 38.9 23.0 42.8



#6
 Bromomethane
 Concen: 2.613 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

Tgt Ion: 94 Resp: 23975
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.7 123.9

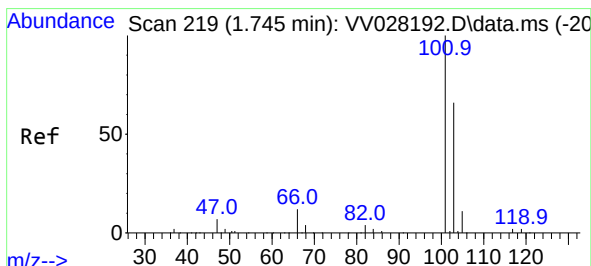
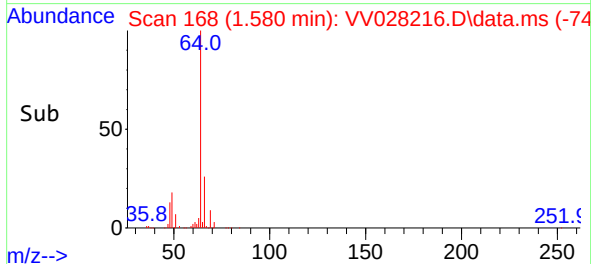
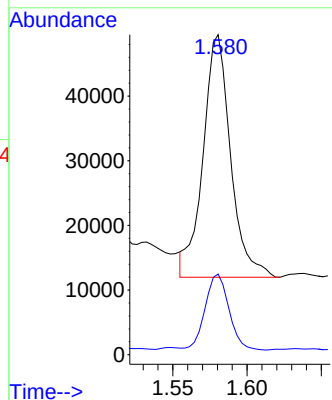
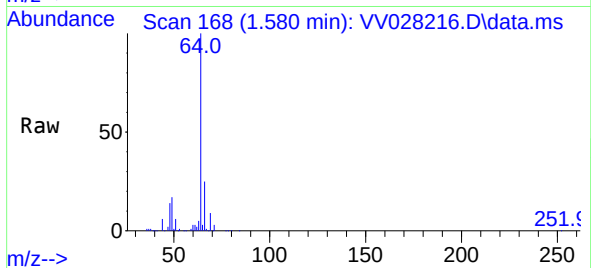




#8
Chloroethane
Concen: 5.117 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

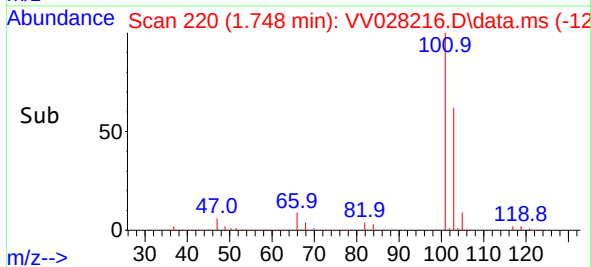
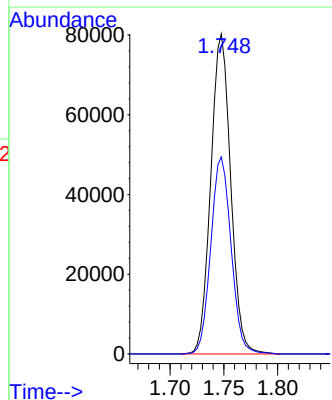
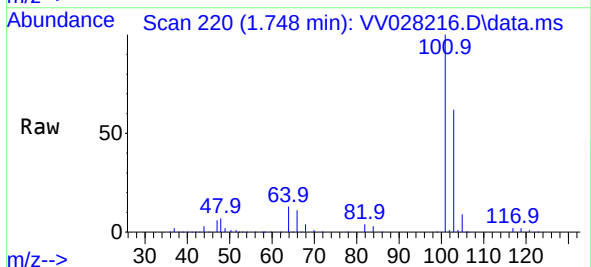
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ClientSampleId :
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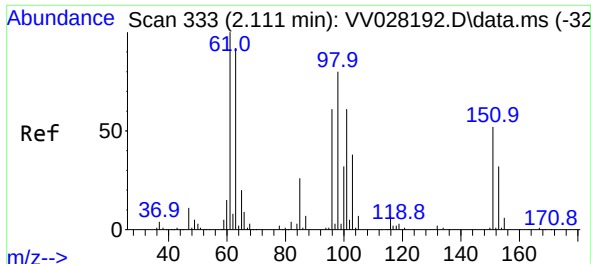
Tgt Ion: 64 Resp: 48348
Ion Ratio Lower Upper
64 100
66 25.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.623 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 101 Resp: 103434
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0

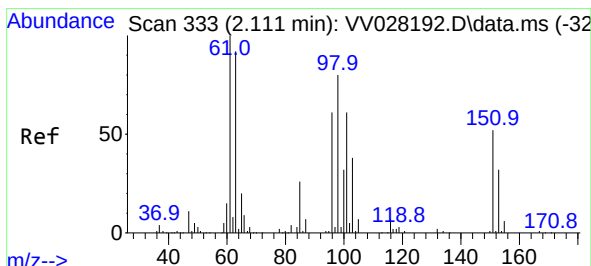
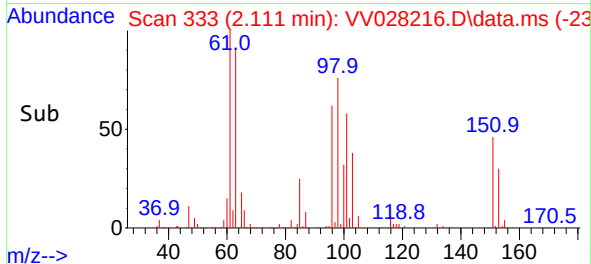
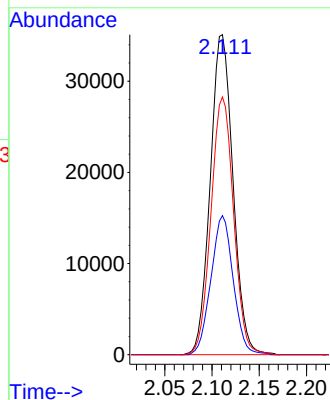
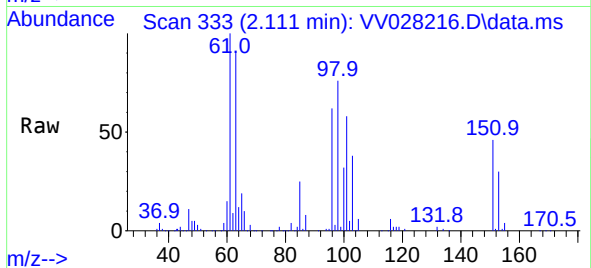




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.564 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

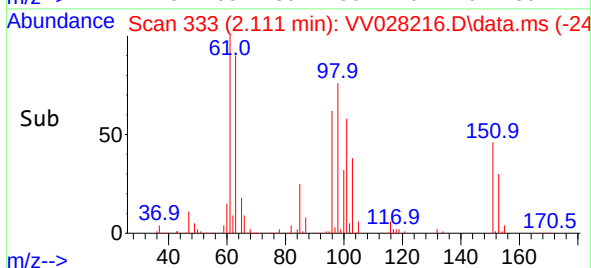
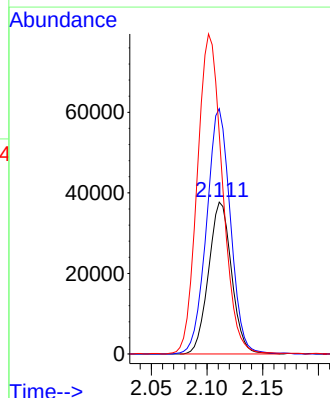
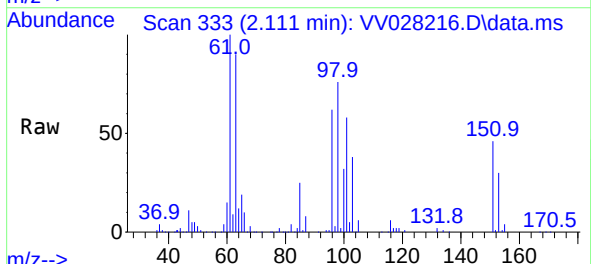
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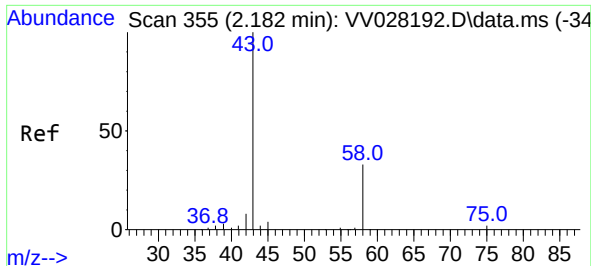
Tgt Ion:101 Resp: 58848
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.4 51.6
 151 79.9 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.306 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

Tgt Ion: 96 Resp: 54073
 Ion Ratio Lower Upper
 96 100
 61 161.5 128.3 238.3
 63 145.0 112.7 209.3

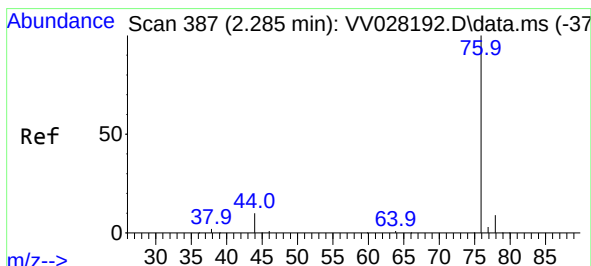
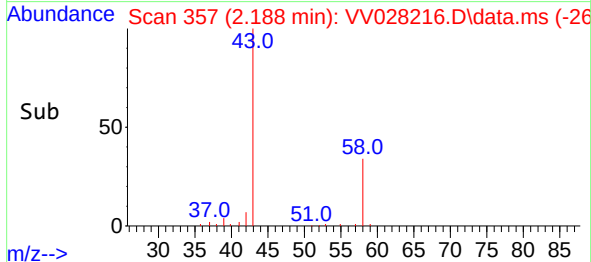
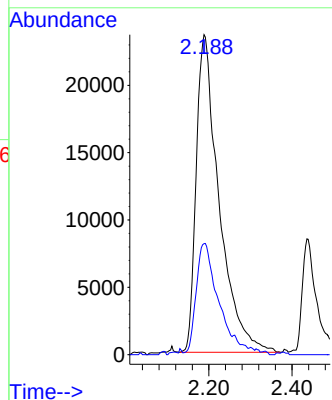
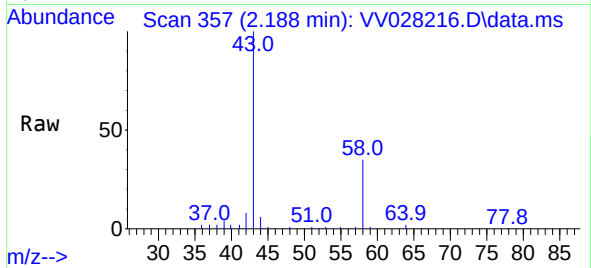




#13
Acetone
Concen: 36.775 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

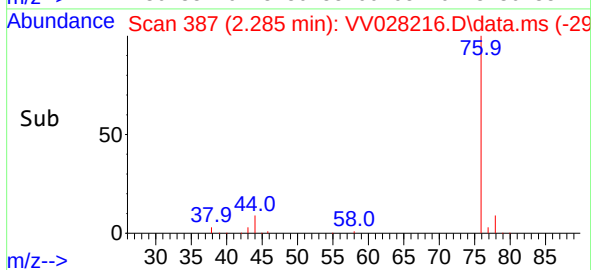
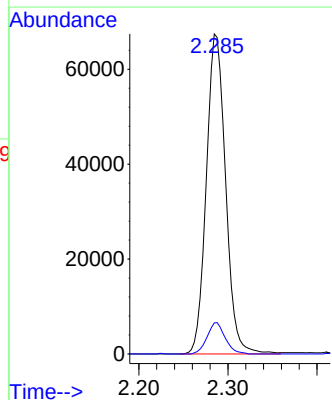
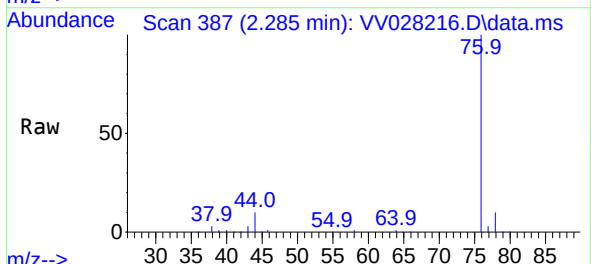
Instrument :
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VSTD005311

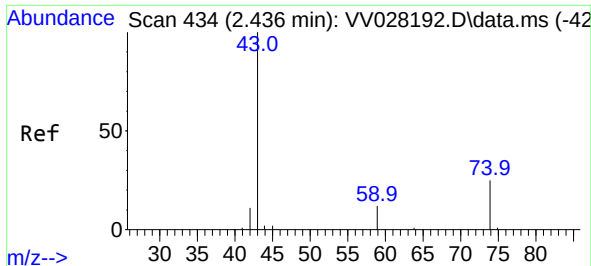
Tgt Ion: 43 Resp: 90085
Ion Ratio Lower Upper
43 100
58 30.9 0.0 65.6



#14
Carbon disulfide
Concen: 4.210 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 76 Resp: 101461
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4





#15

Methyl Acetate

Concen: 4.195 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

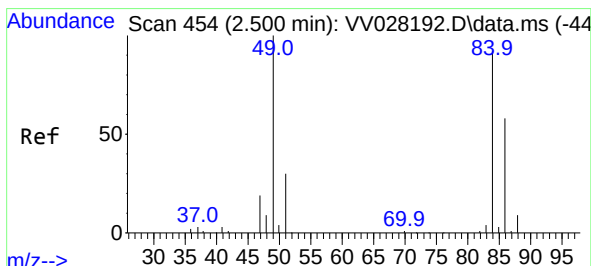
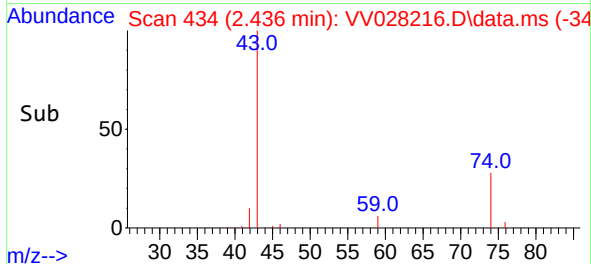
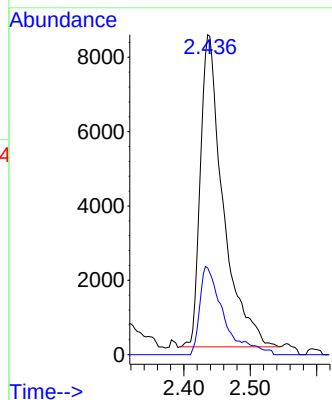
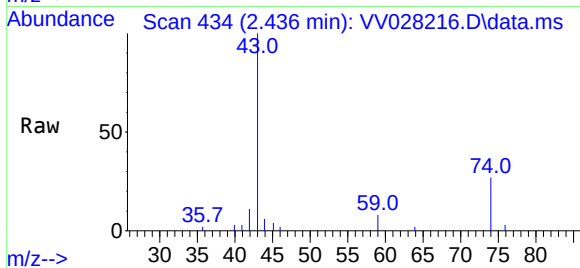
VSTD005311

Tgt Ion: 43 Resp: 19947

Ion Ratio Lower Upper

43 100

74 29.5 16.9 25.3#



#16

Methylene chloride

Concen: 5.024 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

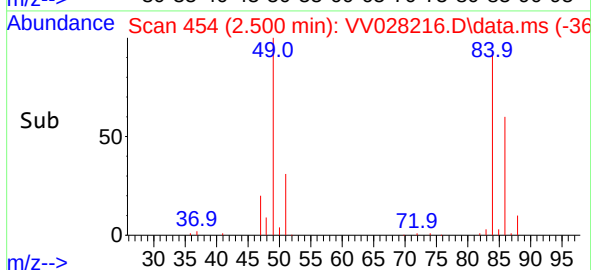
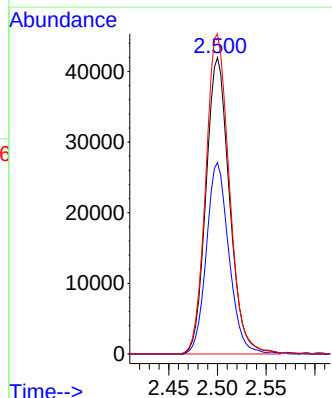
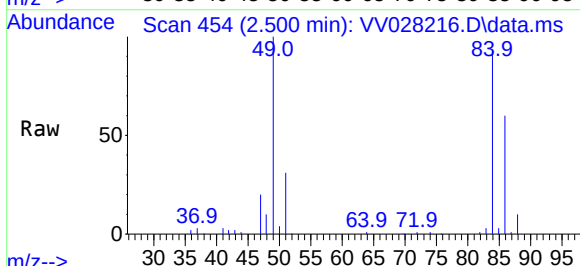
Tgt Ion: 84 Resp: 70420

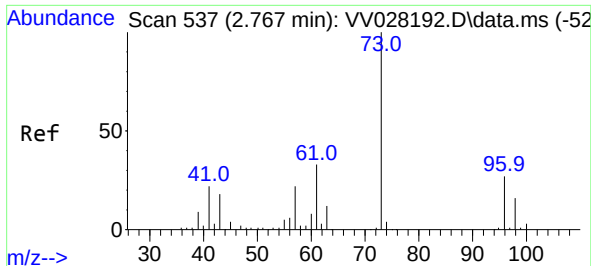
Ion Ratio Lower Upper

84 100

86 64.6 46.8 86.8

49 107.9 87.5 162.5

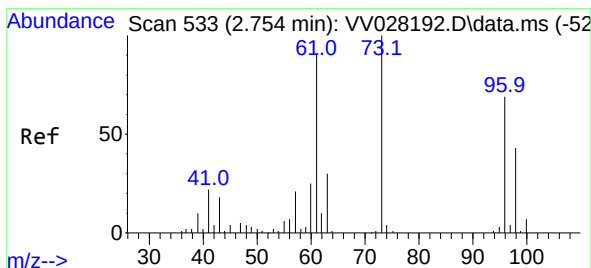
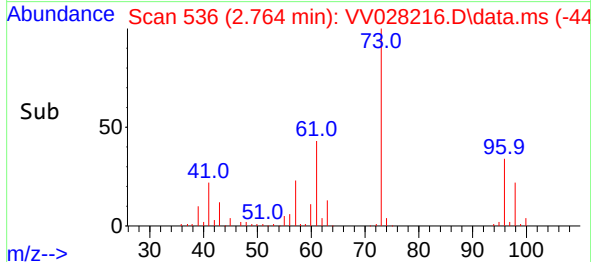
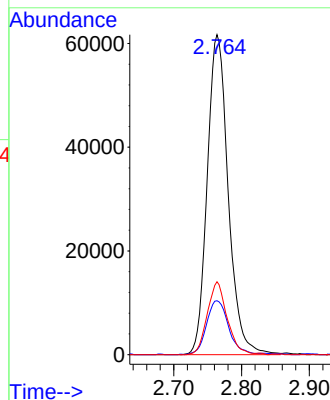
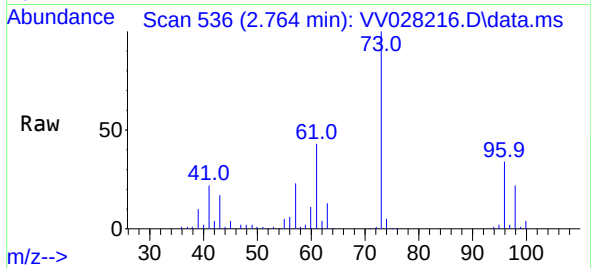




#17
Methyl tert-butyl Ether
Concen: 4.918 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

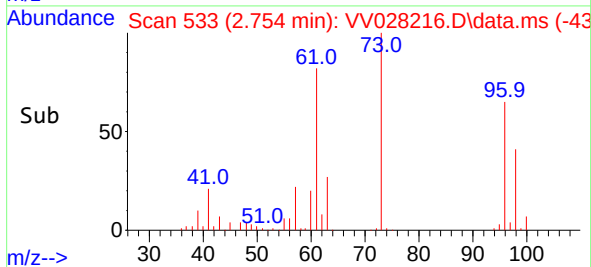
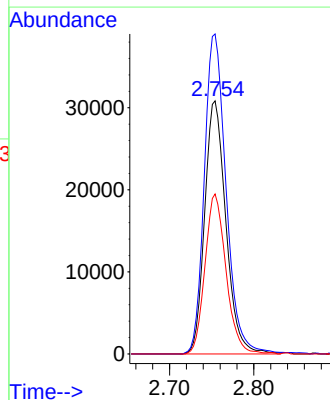
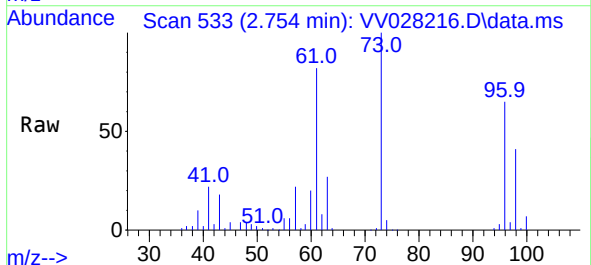
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

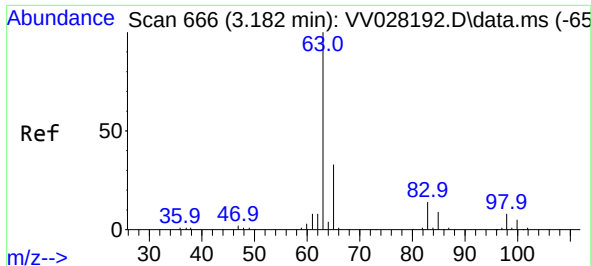
Tgt Ion: 73 Resp: 132835
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.926 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 96 Resp: 54148
Ion Ratio Lower Upper
96 100
61 126.4 96.2 178.6
98 63.2 45.7 84.9

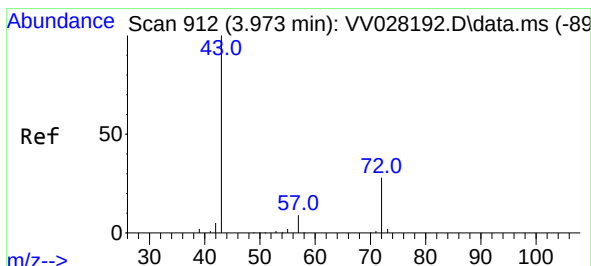
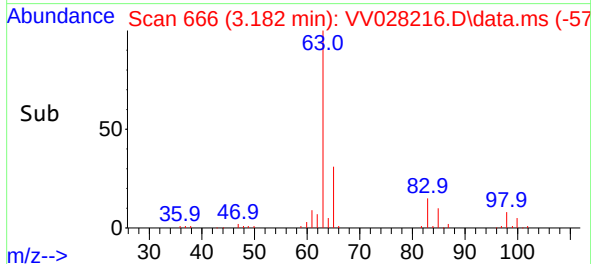
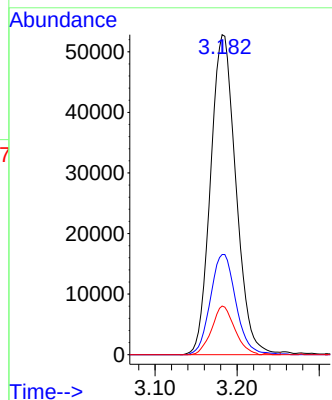
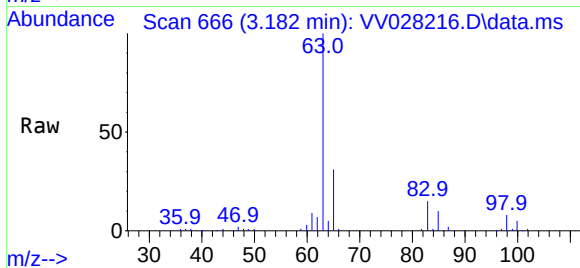




#19
1,1-Dichloroethane
Concen: 4.729 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

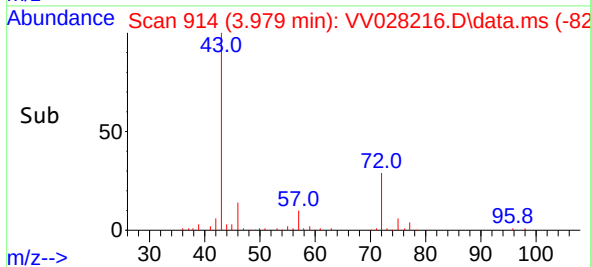
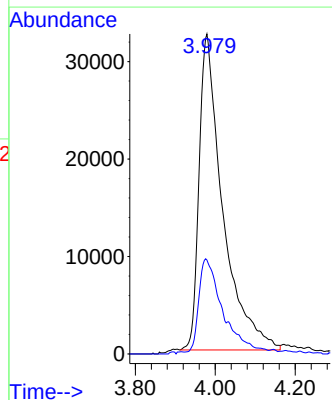
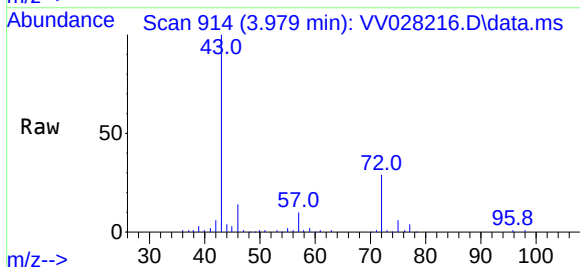
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

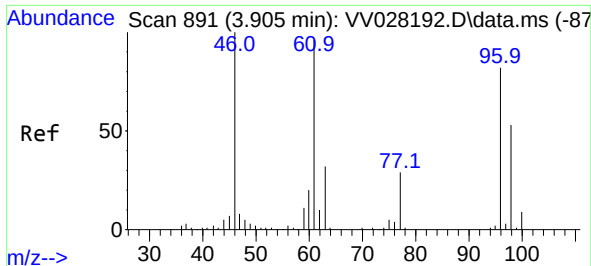
Tgt Ion: 63 Resp: 113410
Ion Ratio Lower Upper
63 100
65 31.3 23.0 42.8
83 15.2 9.2 17.2



#21
2-Butanone
Concen: 43.901 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 43 Resp: 133139
Ion Ratio Lower Upper
43 100
72 30.1 12.7 38.1

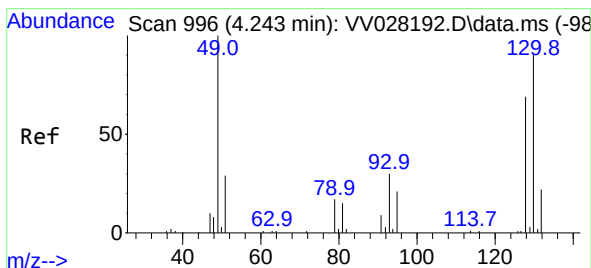
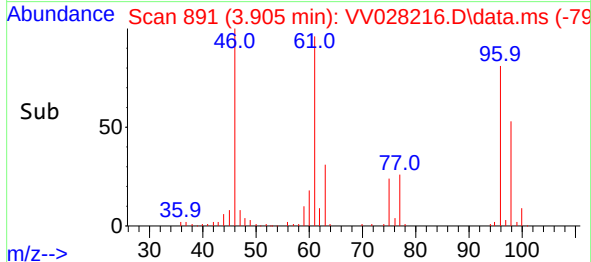
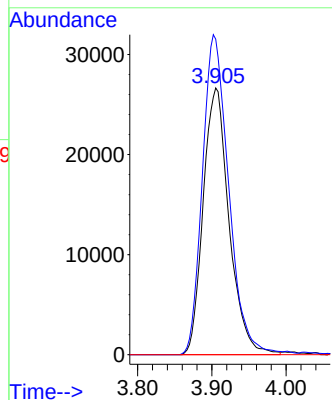
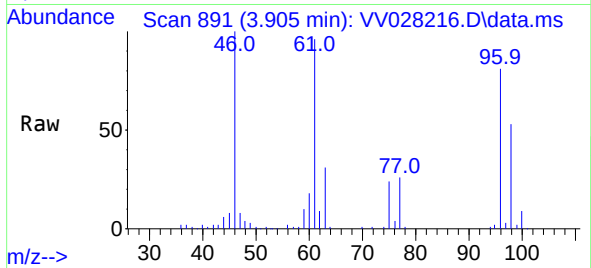




#22
 cis-1,2-Dichloroethene
 Concen: 4.481 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

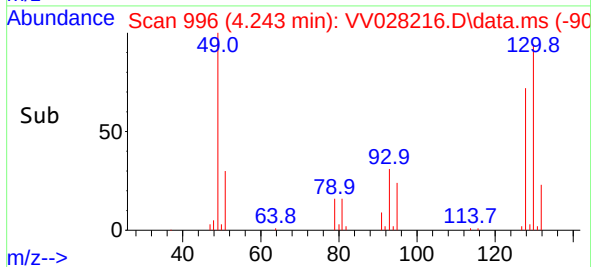
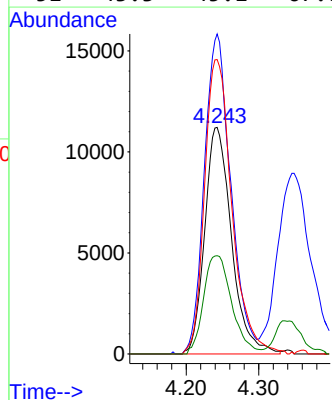
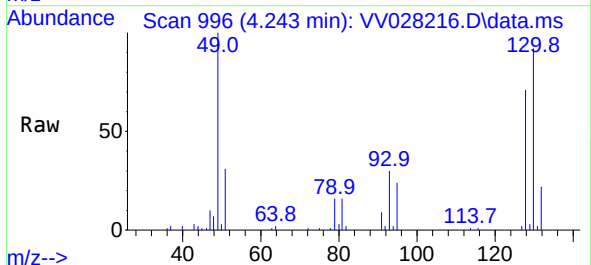
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

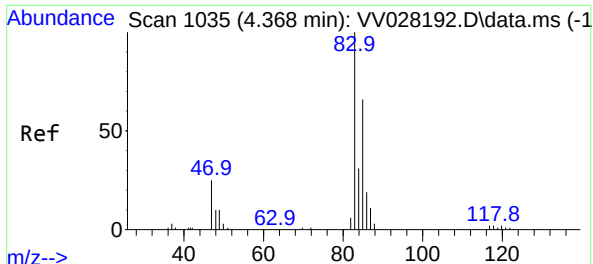
Tgt Ion: 96 Resp: 64635
 Ion Ratio Lower Upper
 96 100
 61 118.3 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.986 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028216.D
 Acq: 30 Sep 2022 03:23

Tgt Ion: 128 Resp: 28799
 Ion Ratio Lower Upper
 128 100
 49 141.3 119.9 222.7
 130 130.0 94.6 175.8
 51 43.3 45.1 67.7#





#25

Chloroform

Concen: 4.919 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

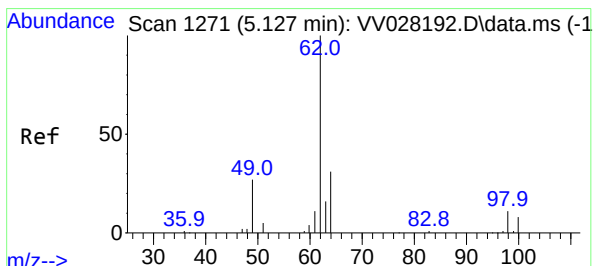
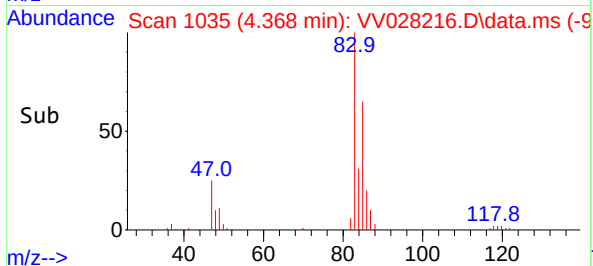
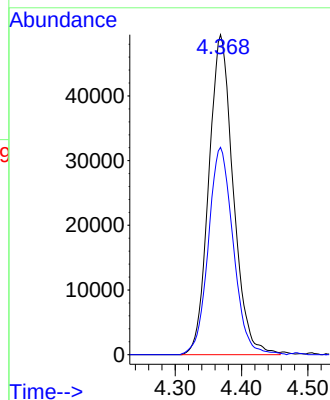
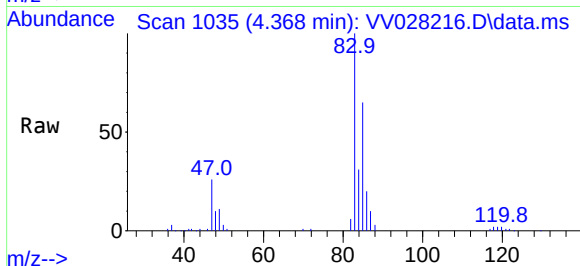
VSTD005311

Tgt Ion: 83 Resp: 126568

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.827 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028216.D

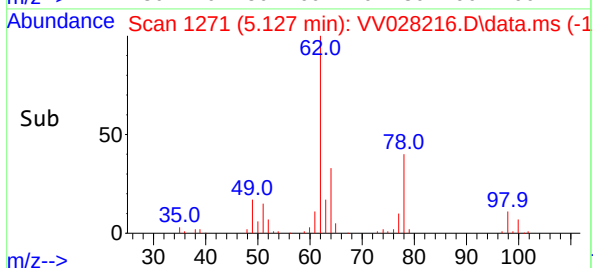
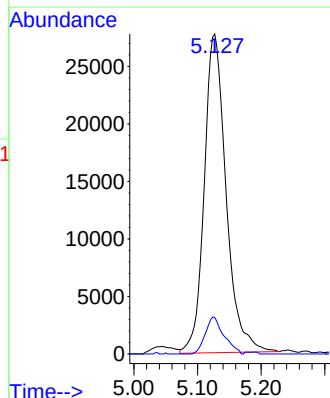
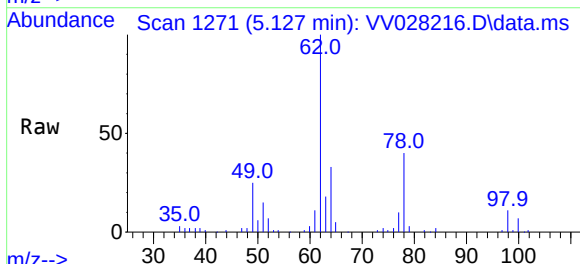
Acq: 30 Sep 2022 03:23

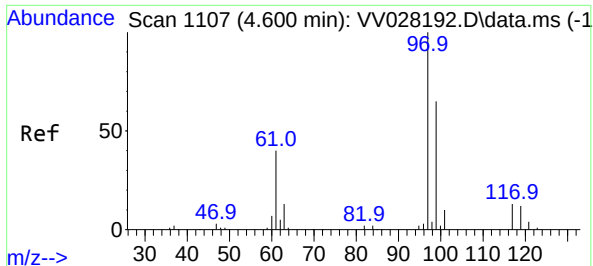
Tgt Ion: 62 Resp: 66236

Ion Ratio Lower Upper

62 100

98 11.4 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.770 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005311

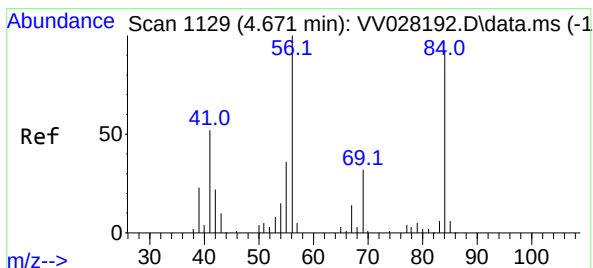
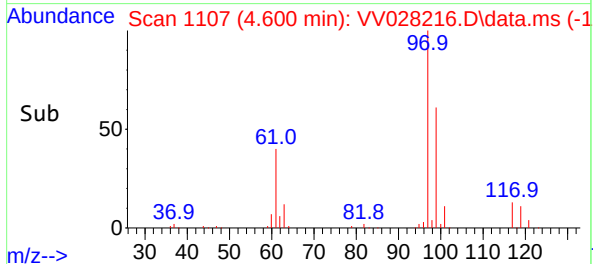
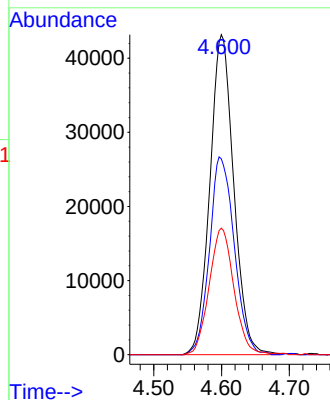
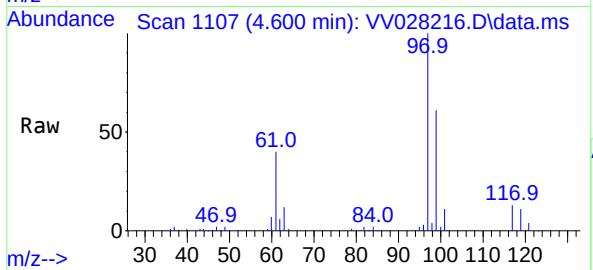
Tgt Ion: 97 Resp: 105683

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 41.0 34.8 52.2



#30

Cyclohexane

Concen: 4.226 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

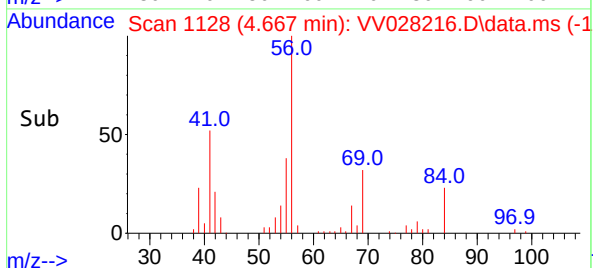
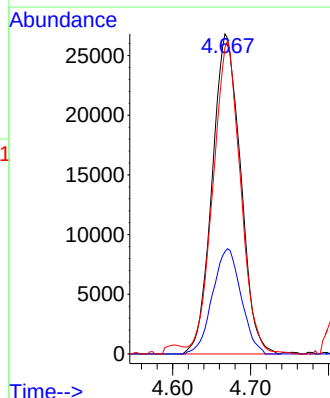
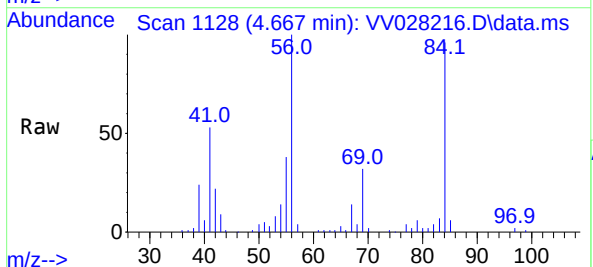
Tgt Ion: 56 Resp: 67717

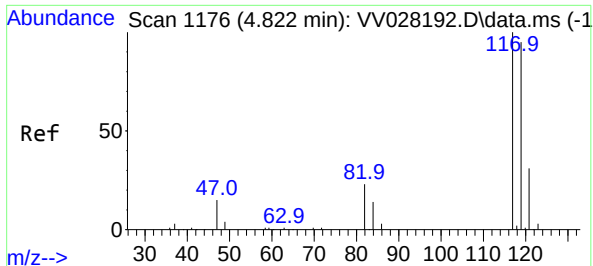
Ion Ratio Lower Upper

56 100

69 33.1 23.7 35.5

84 95.0 67.3 100.9

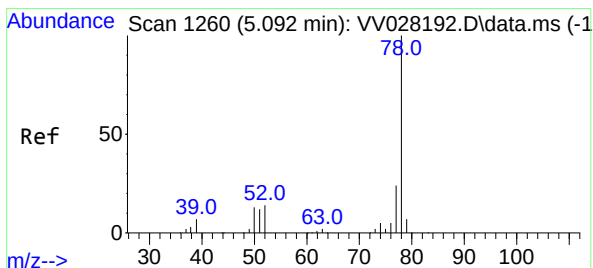
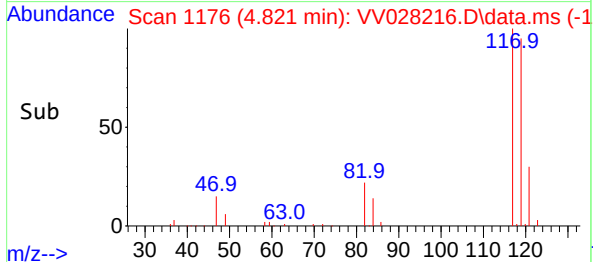
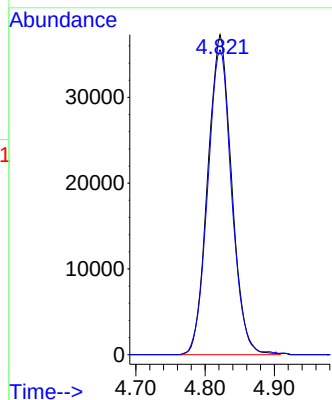
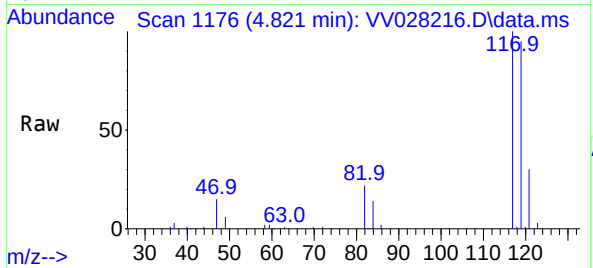




#31
Carbon tetrachloride
Concen: 4.904 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

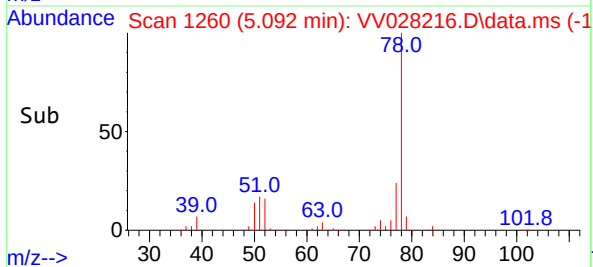
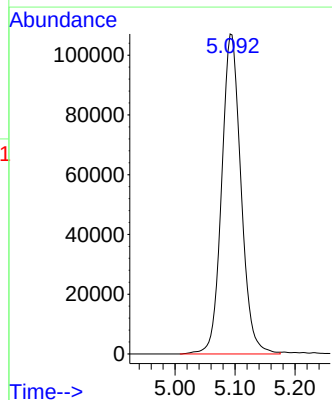
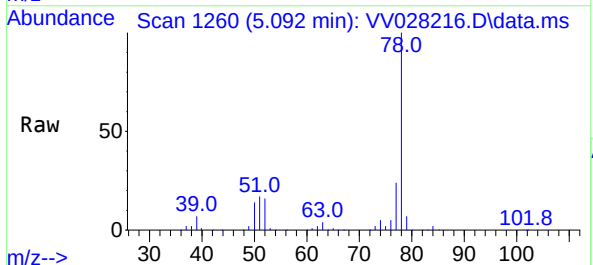
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

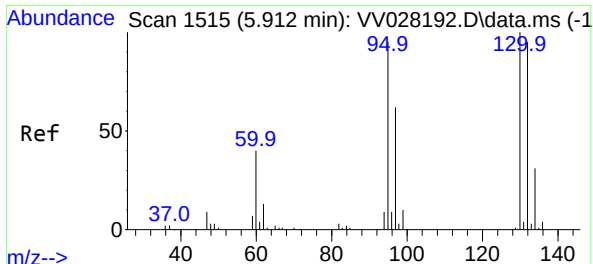
Tgt Ion:117 Resp: 89413
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 4.783 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 78 Resp: 239500

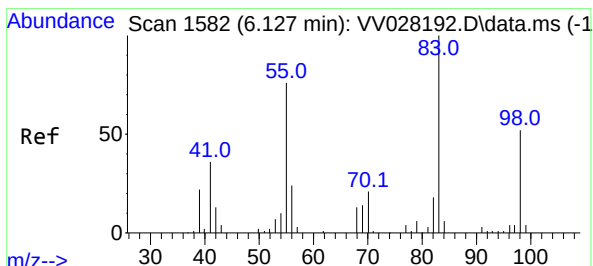
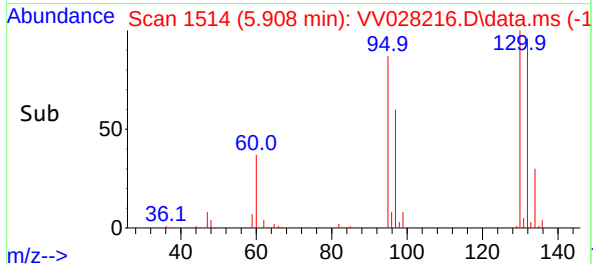
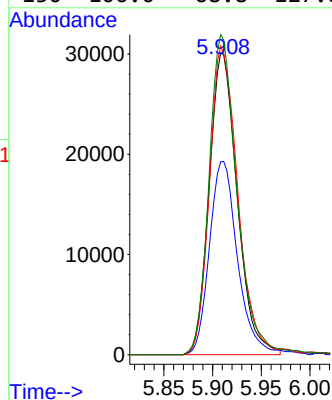
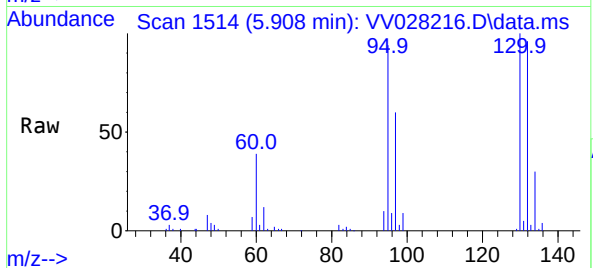




#34
Trichloroethene
Concen: 4.829 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

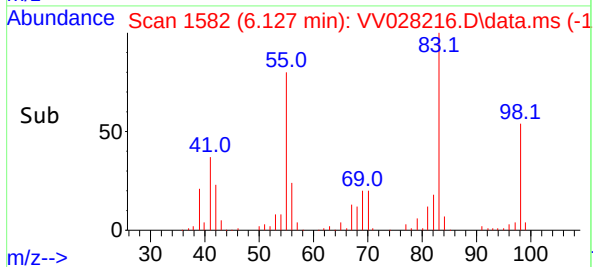
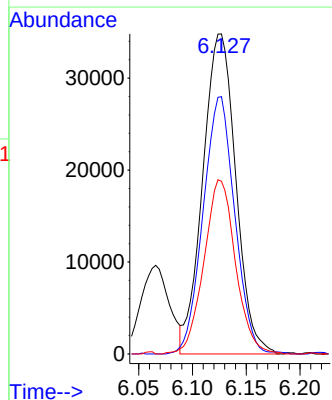
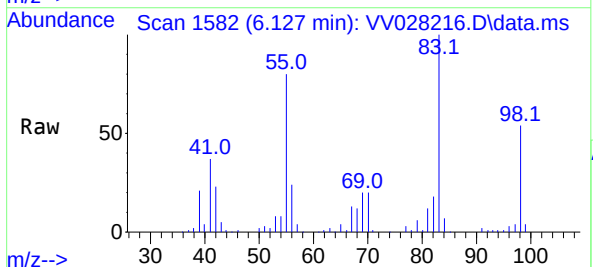
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

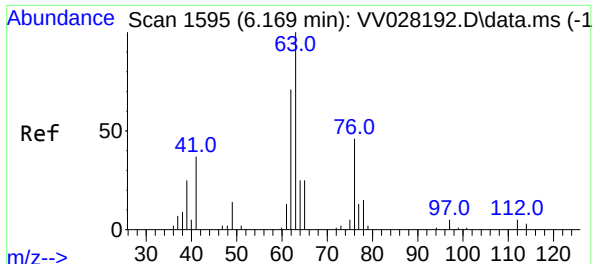
Tgt Ion: 95 Resp: 60183
Ion Ratio Lower Upper
95 100
97 63.9 44.2 82.0
132 102.3 67.8 126.0
130 106.0 68.8 127.8



#35
Methylcyclohexane
Concen: 4.348 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 83 Resp: 74326
Ion Ratio Lower Upper
83 100
55 77.2 64.7 97.1
98 52.1 39.5 59.3

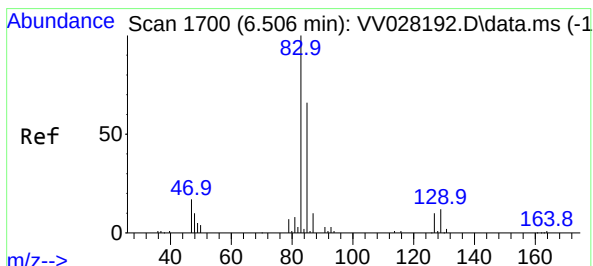
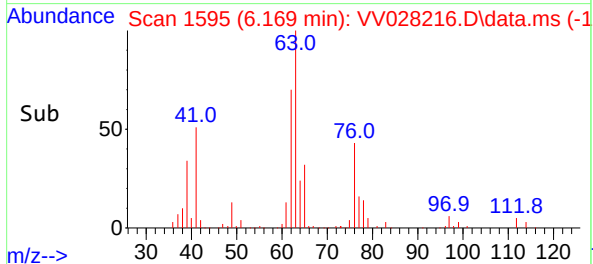
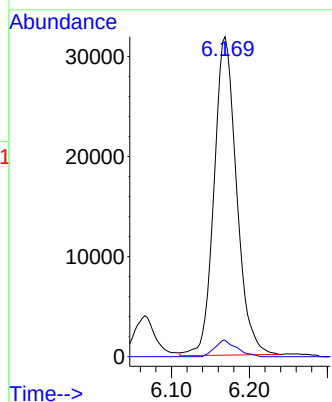
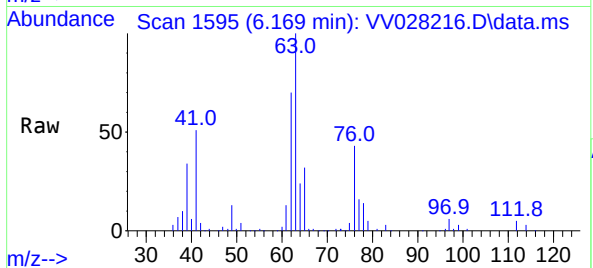




#37
1,2-Dichloropropane
Concen: 4.559 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

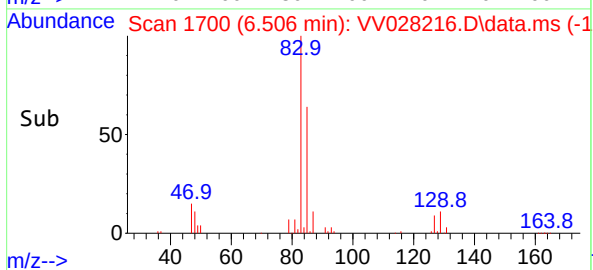
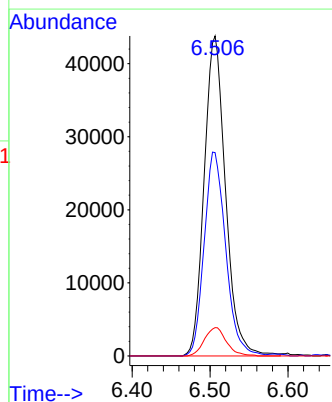
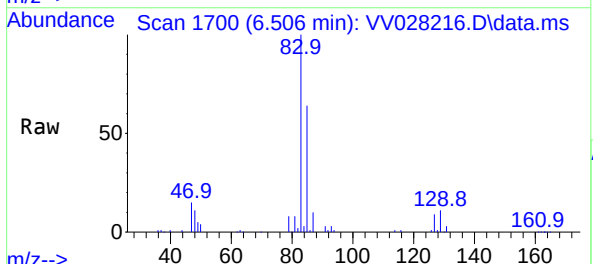
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

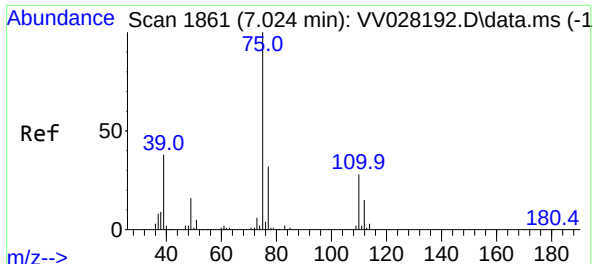
Tgt Ion: 63 Resp: 63989
Ion Ratio Lower Upper
63 100
112 5.0 3.5 5.3



#38
Bromodichloromethane
Concen: 4.819 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 83 Resp: 83504
Ion Ratio Lower Upper
83 100
85 63.6 43.8 81.4
127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.364 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

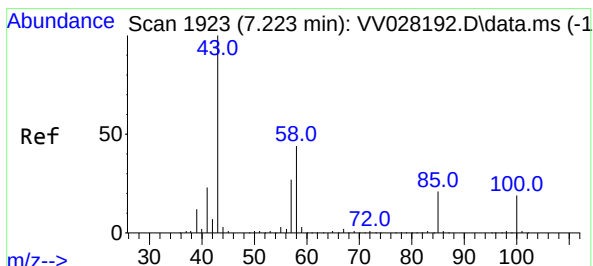
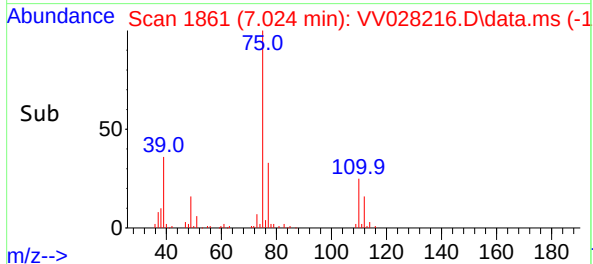
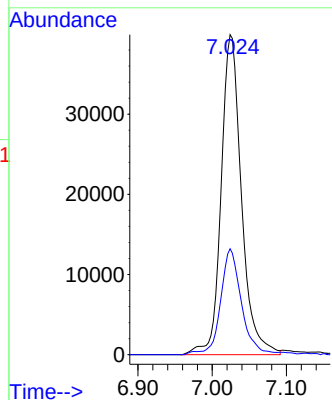
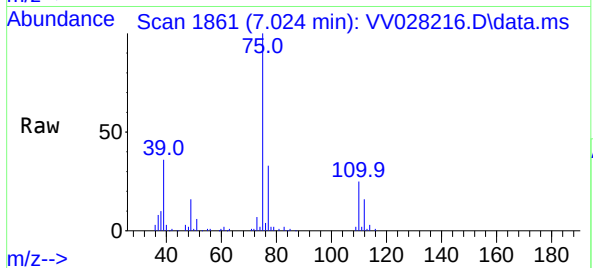
VSTD005311

Tgt Ion: 75 Resp: 76080

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 48.108 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

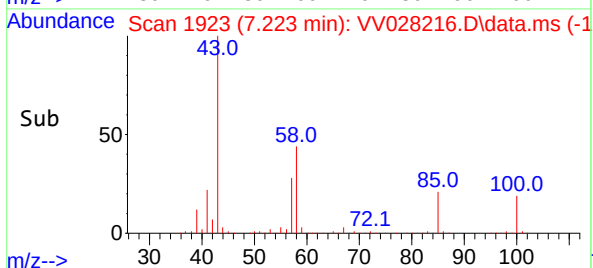
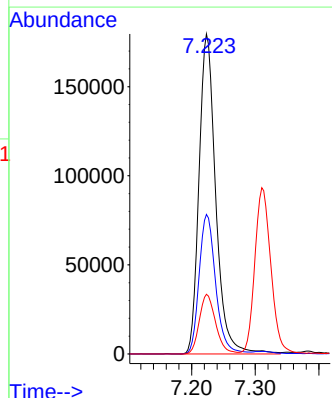
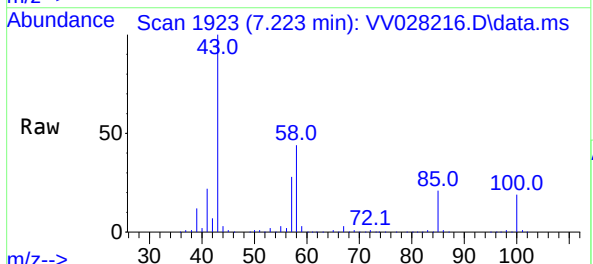
Tgt Ion: 43 Resp: 327918

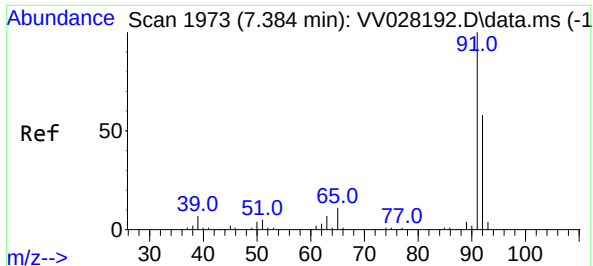
Ion Ratio Lower Upper

43 100

58 43.2 32.2 48.4

100 18.2 12.7 19.1





#42

Toluene

Concen: 4.993 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

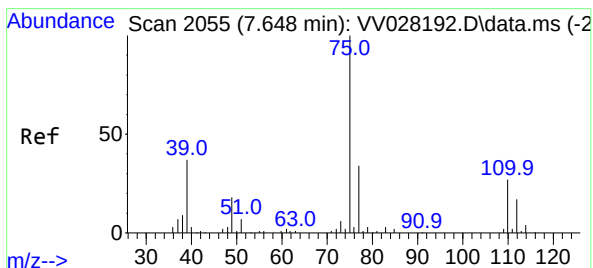
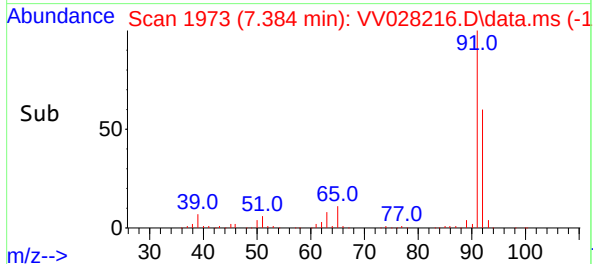
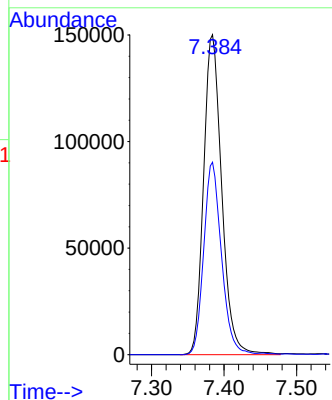
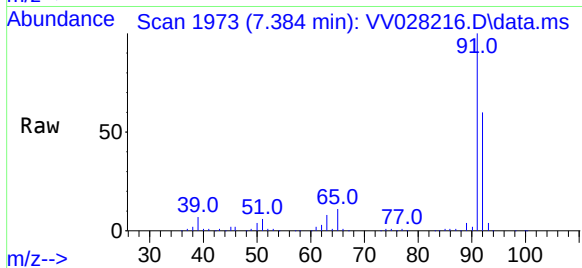
VSTD005311

Tgt Ion: 91 Resp: 260751

Ion Ratio Lower Upper

91 100

92 60.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.338 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028216.D

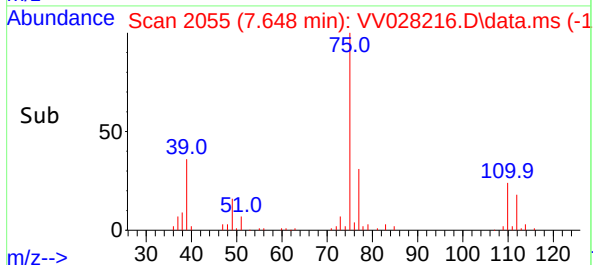
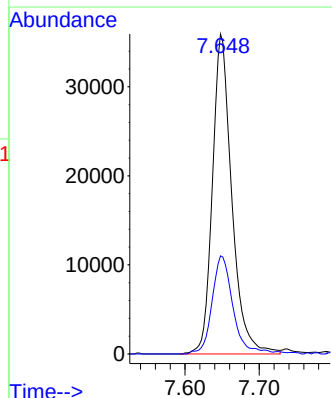
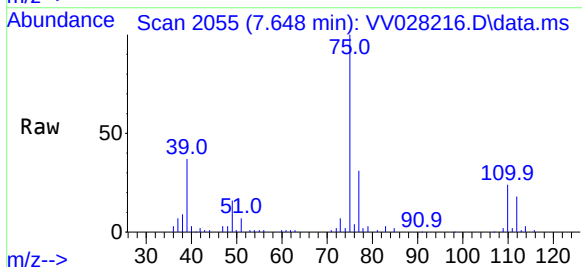
Acq: 30 Sep 2022 03:23

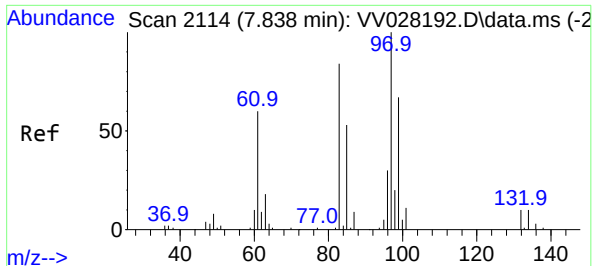
Tgt Ion: 75 Resp: 65056

Ion Ratio Lower Upper

75 100

77 30.7 23.9 44.3



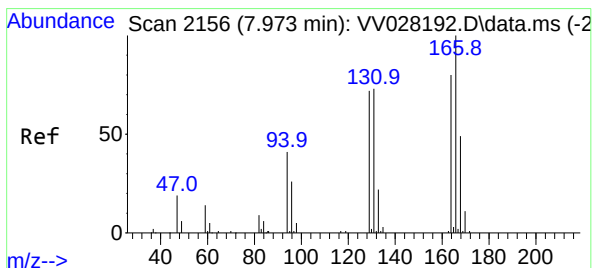
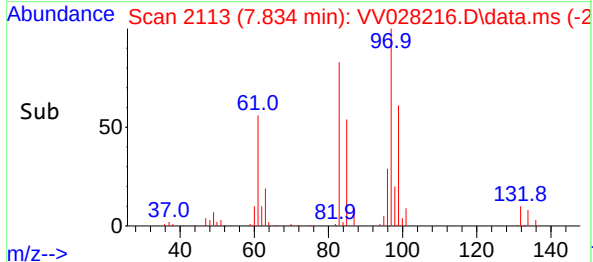
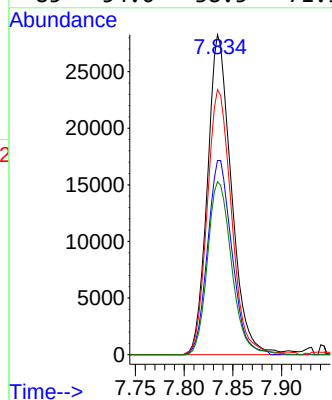
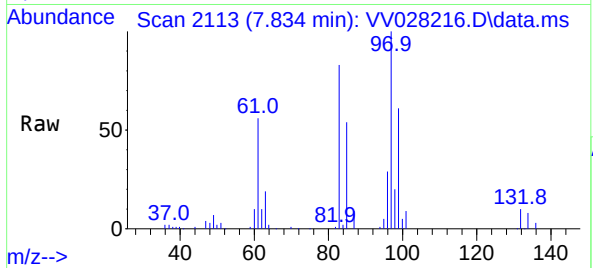


#45
1,1,2-Trichloroethane
Concen: 5.143 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

Tgt Ion: 97 Resp: 48388

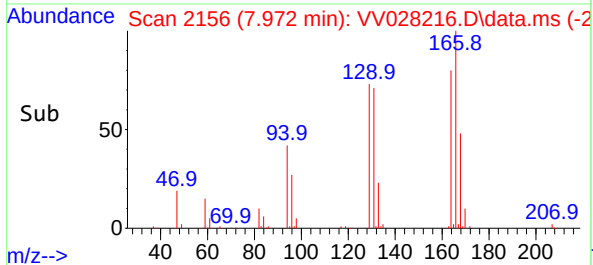
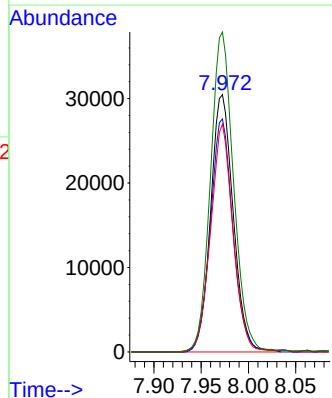
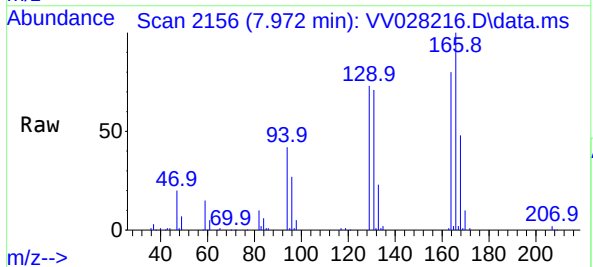
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.2	80.2
83	82.8	59.1	109.9
85	54.0	38.5	71.5

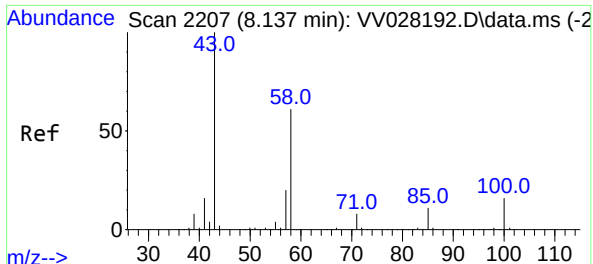


#47
Tetrachloroethene
Concen: 5.129 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 164 Resp: 51028

Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.7	123.9
131	88.5	61.7	114.5
166	124.4	90.9	168.9





#48

2-Hexanone

Concen: 47.758 ug/L

RT: 8.136 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005311

Tgt Ion: 43 Resp: 247128

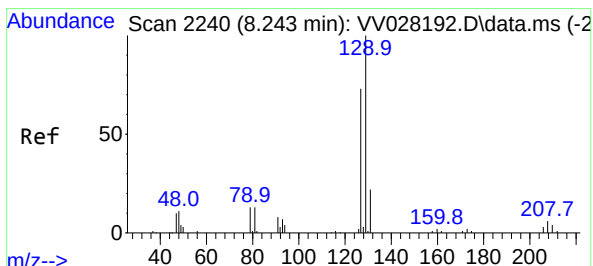
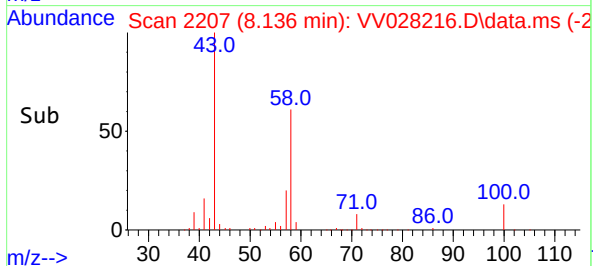
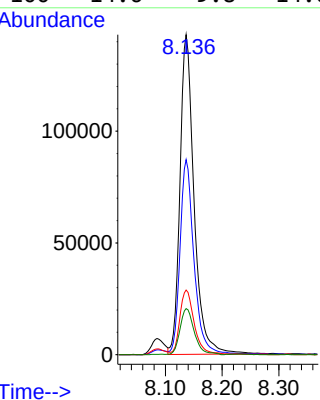
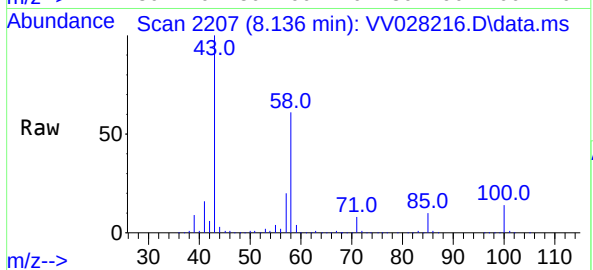
Ion Ratio Lower Upper

43 100

58 59.5 45.7 68.5

57 20.3 15.5 23.3

100 14.6 9.8 14.6



#49

Dibromochloromethane

Concen: 4.958 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV028216.D

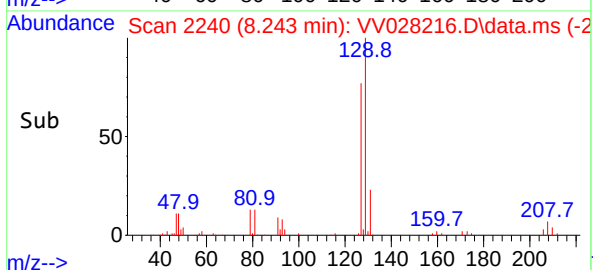
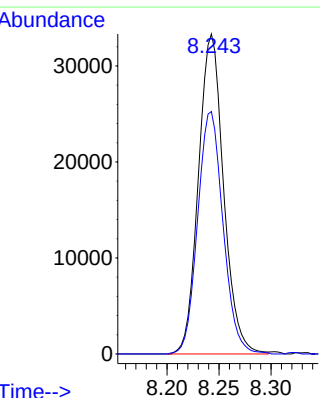
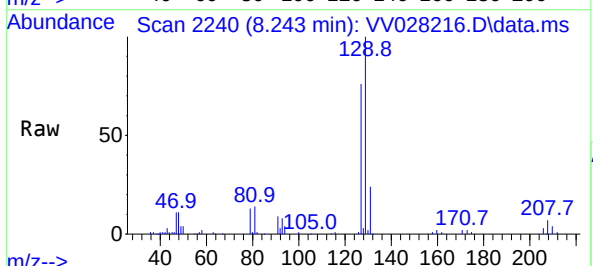
Acq: 30 Sep 2022 03:23

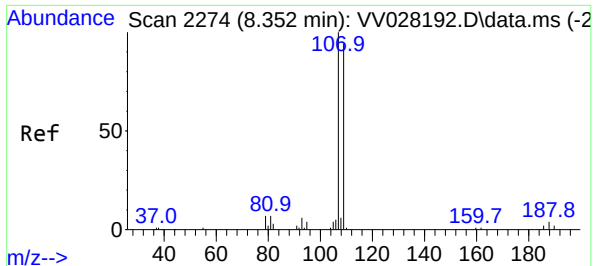
Tgt Ion: 129 Resp: 56087

Ion Ratio Lower Upper

129 100

127 75.7 54.3 100.9



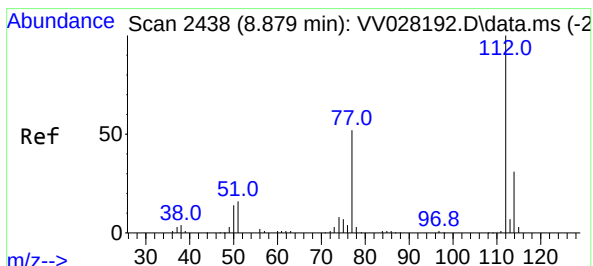
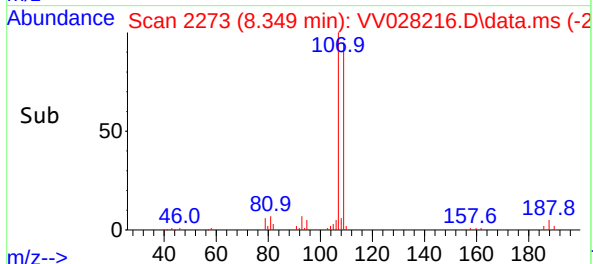
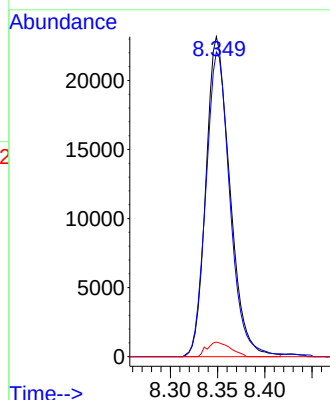
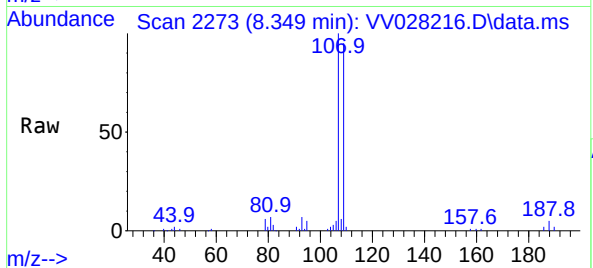


#50
1,2-Dibromoethane
Concen: 4.988 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

Tgt Ion:107 Resp: 40786

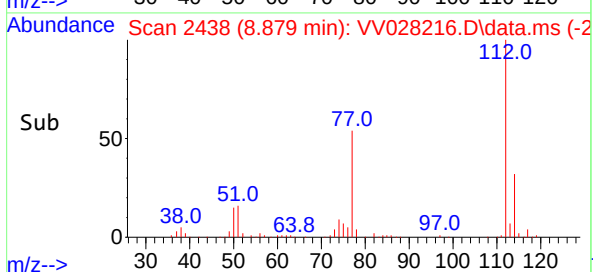
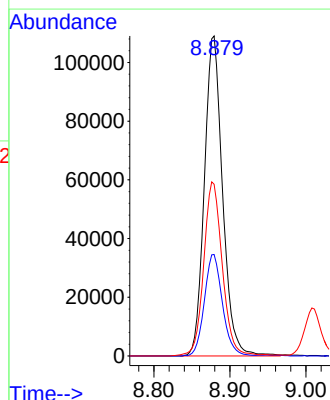
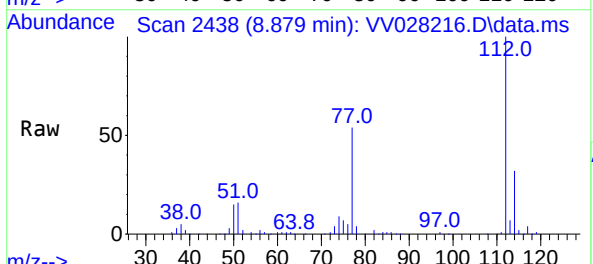
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.9	122.5
188	4.6	3.4	5.0

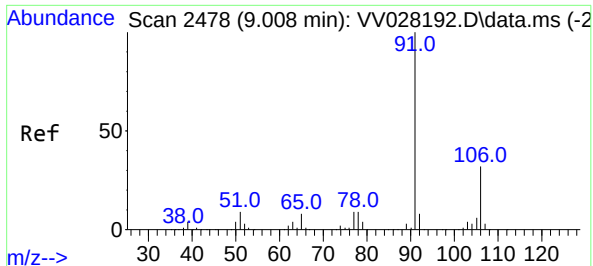


#51
Chlorobenzene
Concen: 5.183 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:112 Resp: 181575

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.7
77	53.7	46.1	69.1

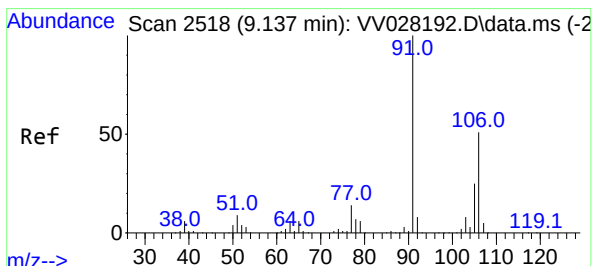
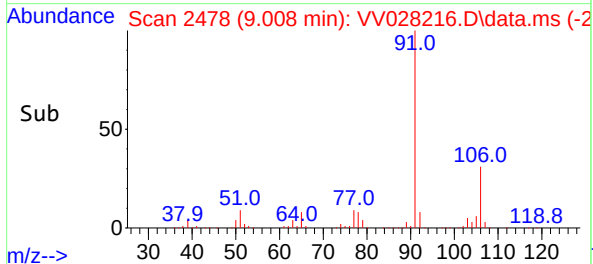
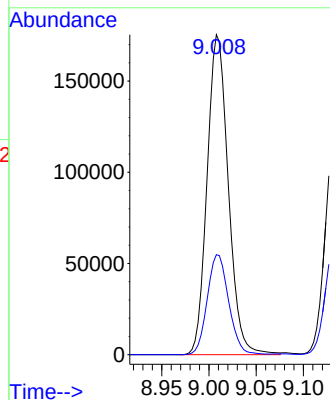
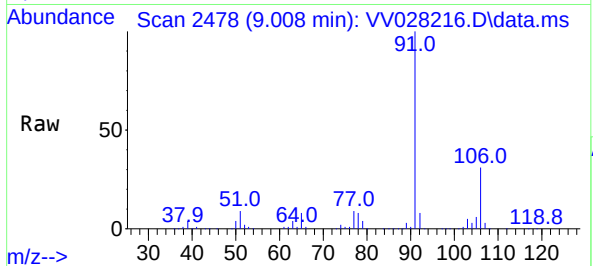




#52
Ethylbenzene
Concen: 4.958 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

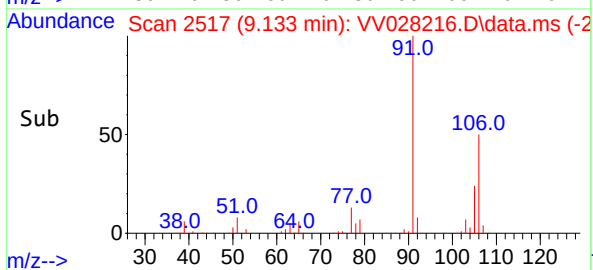
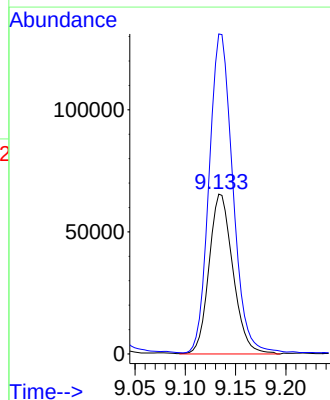
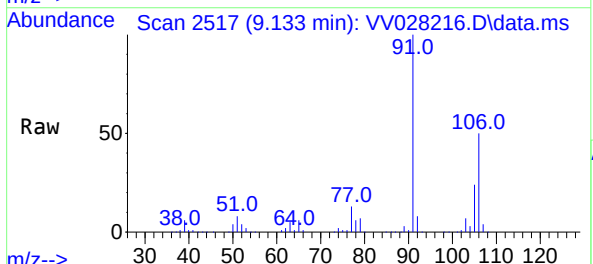
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

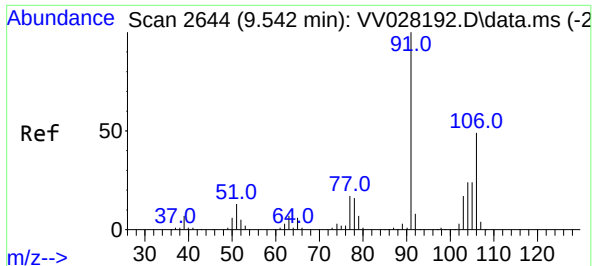
Tgt Ion: 91 Resp: 273953
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.110 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 106 Resp: 108198
Ion Ratio Lower Upper
106 100
91 200.2 141.9 263.5

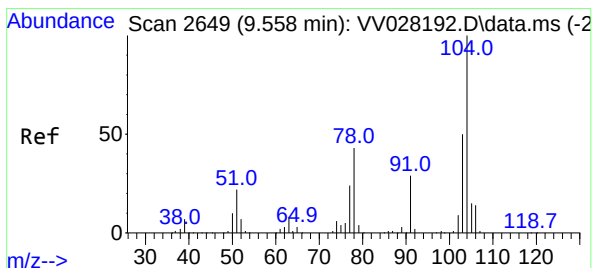
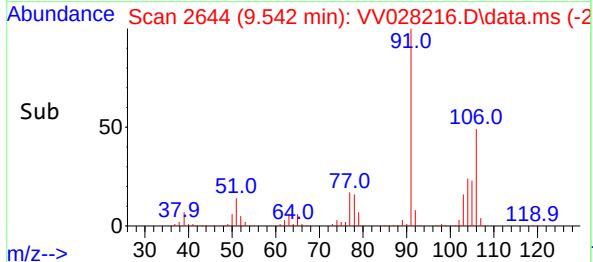
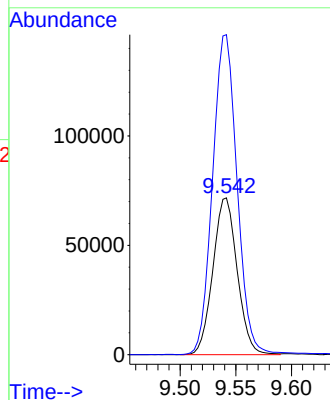
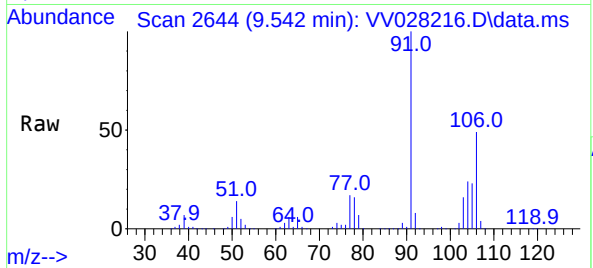




#54
o-Xylene
Concen: 5.206 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

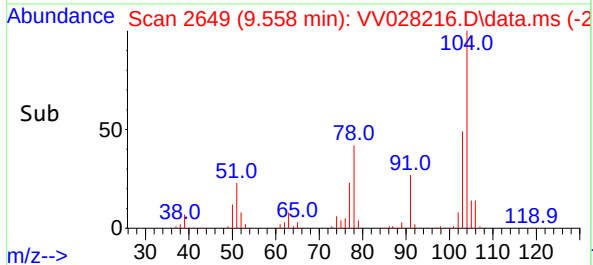
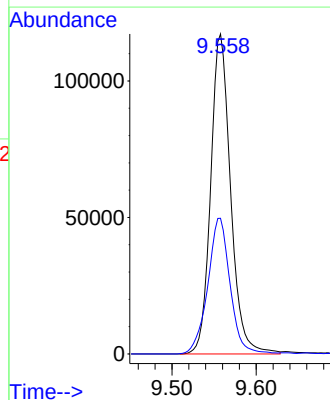
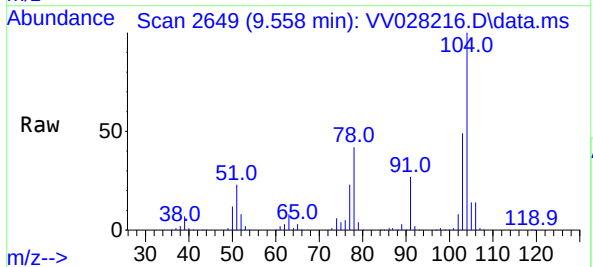
Instrument : MSVOA_V
ClientSampleId : VSTD005311

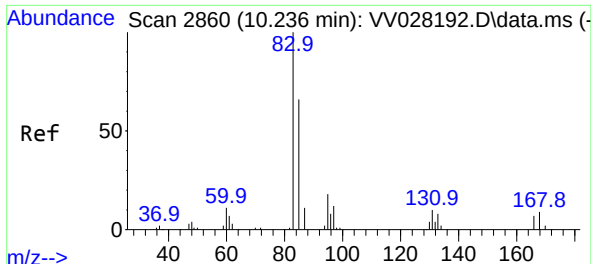
Tgt Ion:106 Resp: 108859
Ion Ratio Lower Upper
106 100
91 204.0 148.1 275.0



#55
Styrene
Concen: 5.313 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:104 Resp: 192519
Ion Ratio Lower Upper
104 100
78 42.4 31.0 57.6

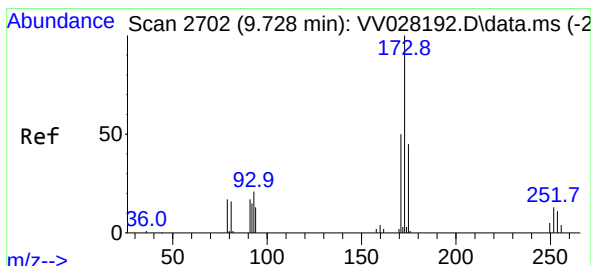
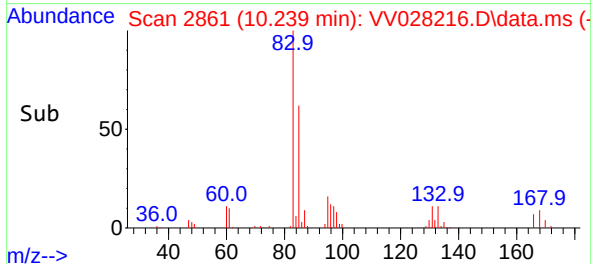
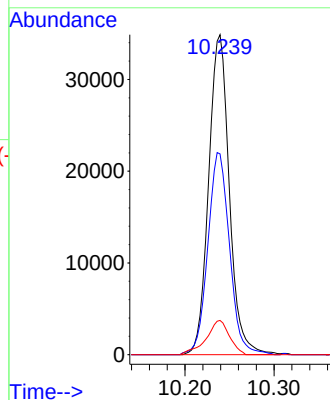
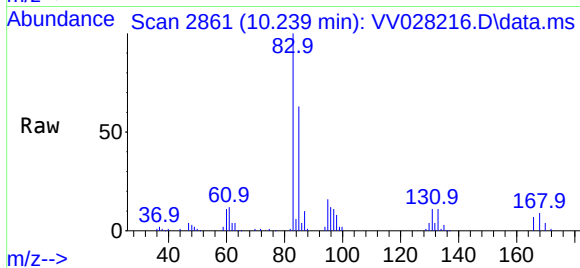




#57
1,1,2,2-Tetrachloroethane
Concen: 5.131 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

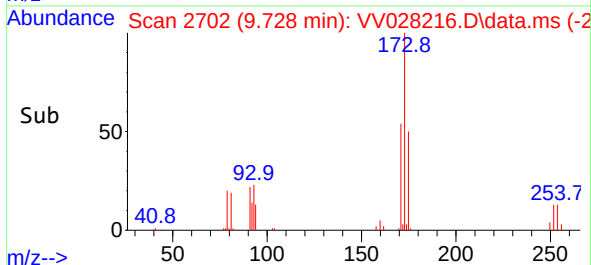
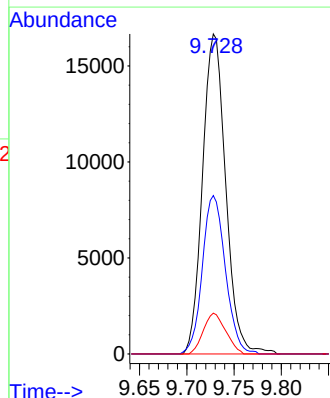
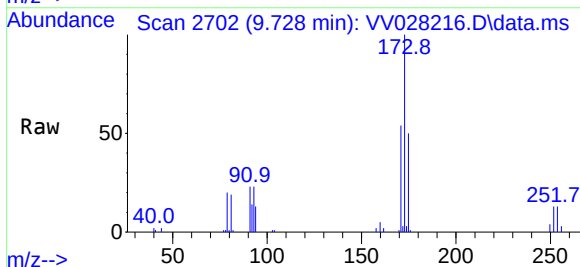
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

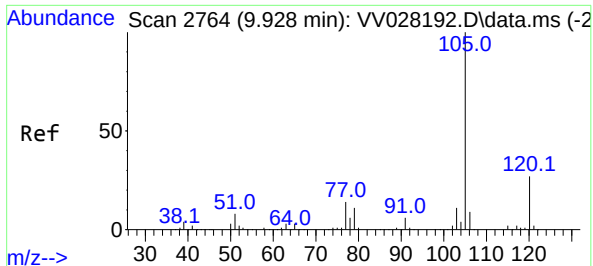
Tgt Ion:	83	Resp:	56254
Ion	Ratio	Lower	Upper
83	100		
85	62.8	45.2	84.0
131	10.7	7.8	11.8



#59
Bromoform
Concen: 4.372 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:	173	Resp:	28399
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.0	58.4
254	12.3	8.7	13.1

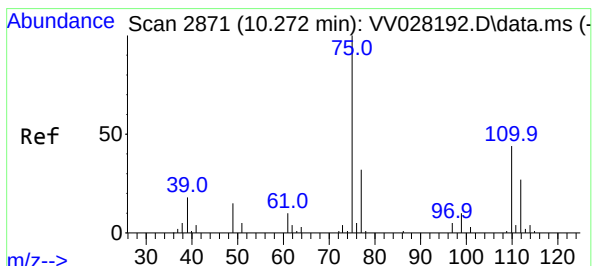
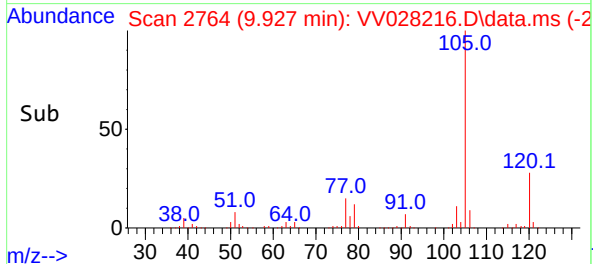
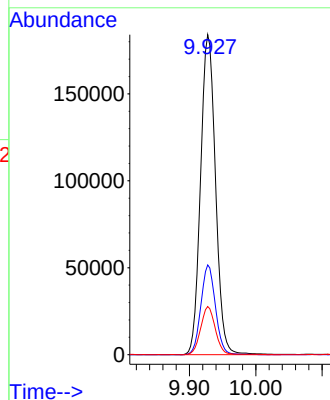
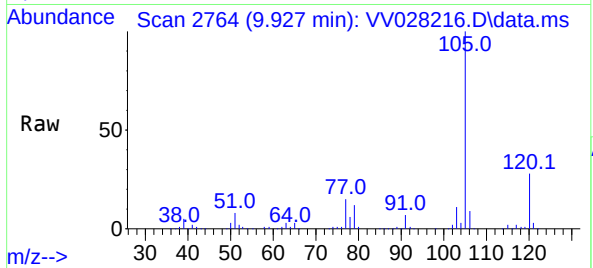




#60
Isopropylbenzene
Concen: 4.803 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

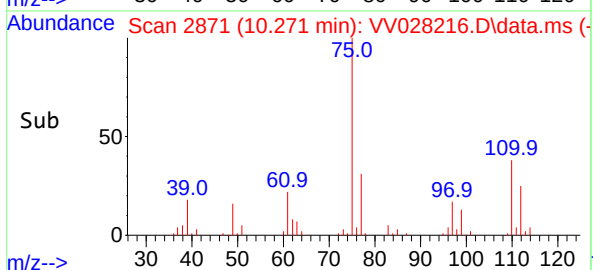
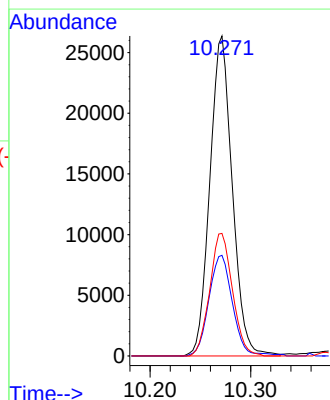
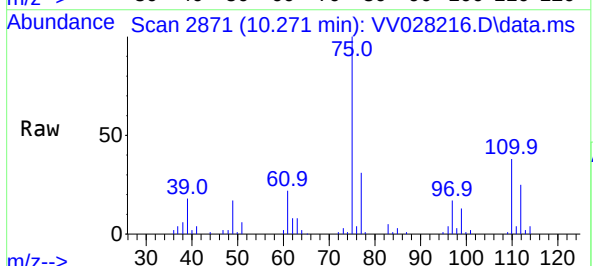
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

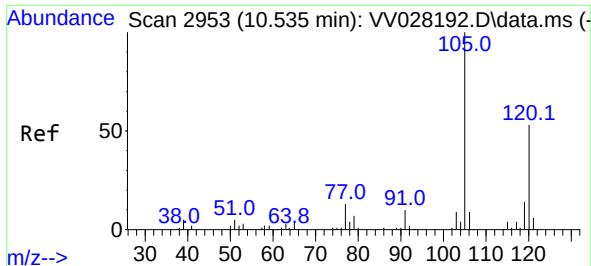
Tgt Ion:105 Resp: 288425
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.765 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion: 75 Resp: 40883
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 38.8 30.1 45.1

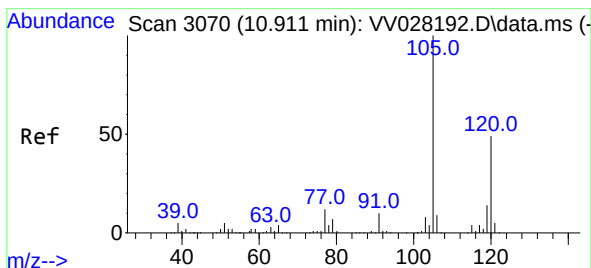
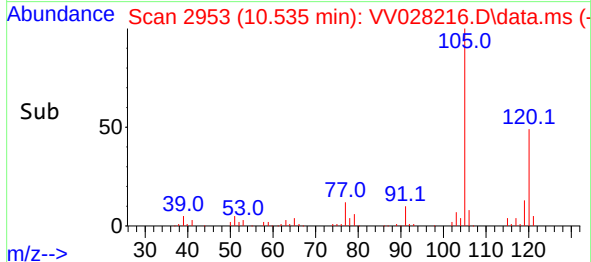
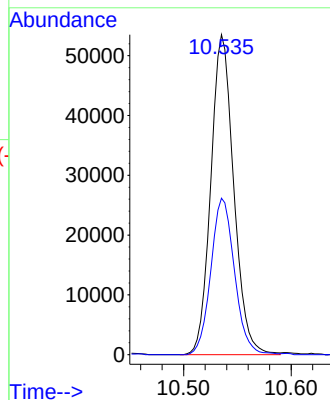
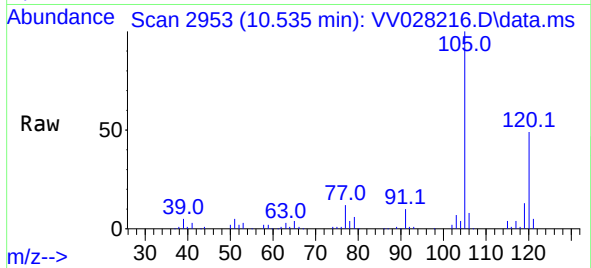




#62
1,3,5-Trimethylbenzene
Concen: 4.687 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

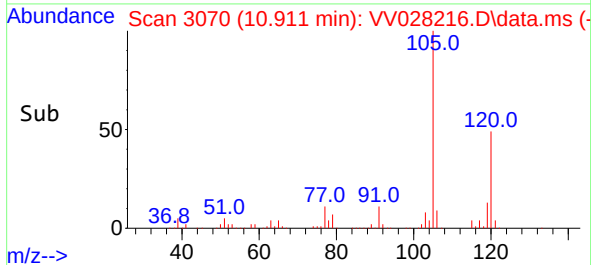
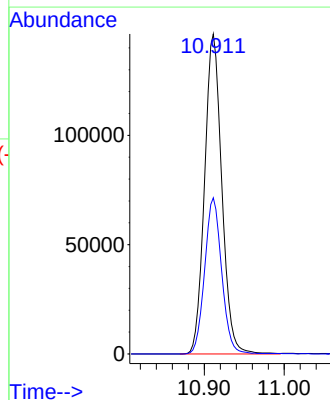
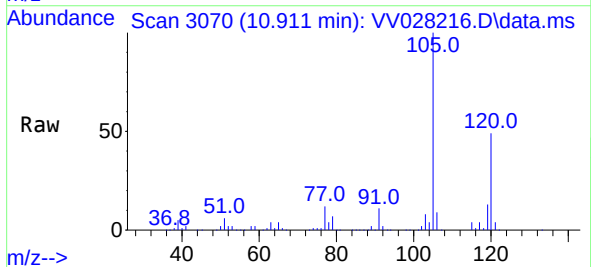
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

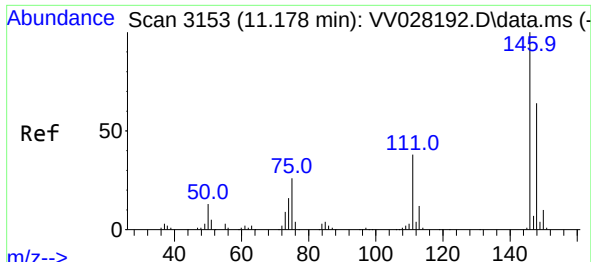
Tgt Ion:105 Resp: 79279
Ion Ratio Lower Upper
105 100
120 50.4 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 4.648 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:105 Resp: 219755
Ion Ratio Lower Upper
105 100
120 48.1 37.8 56.8

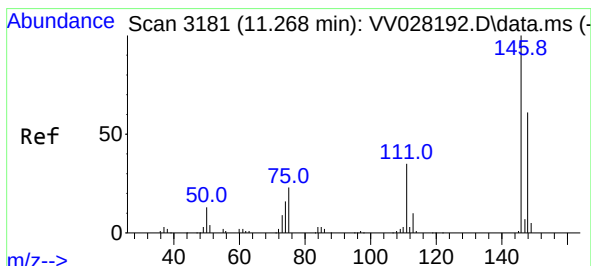
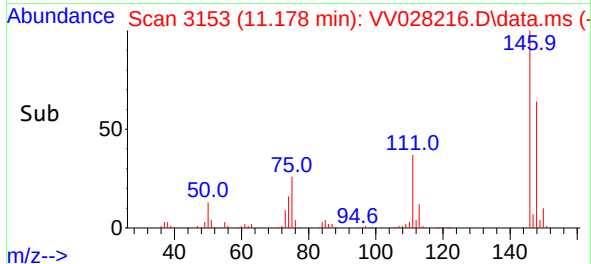
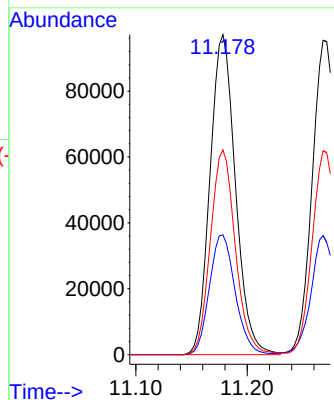
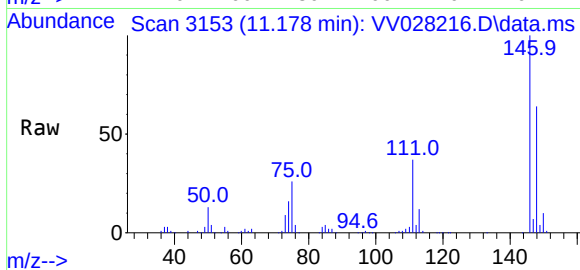




#64
1,3-Dichlorobenzene
Concen: 5.156 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

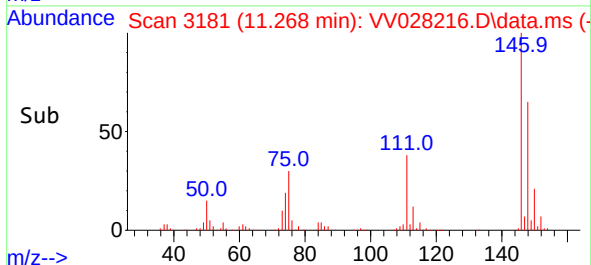
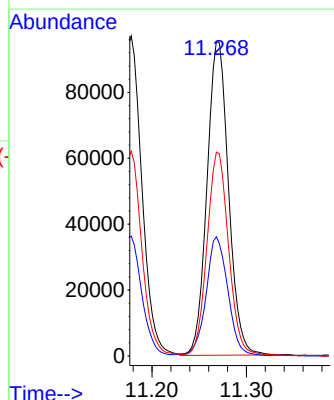
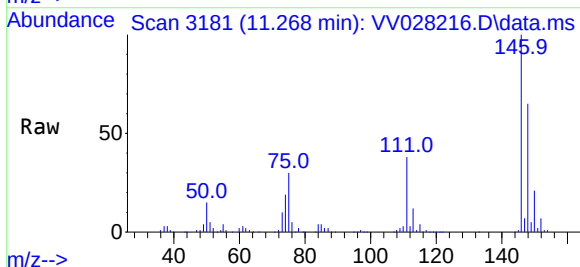
Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

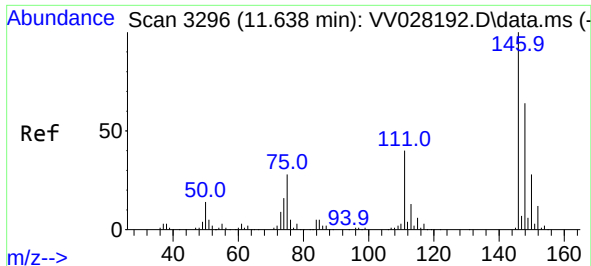
Tgt Ion:146 Resp: 154074
Ion Ratio Lower Upper
146 100
111 37.5 27.1 50.3
148 64.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.041 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:146 Resp: 150719
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 64.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.980 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005311

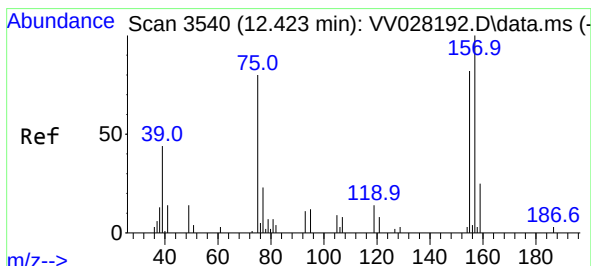
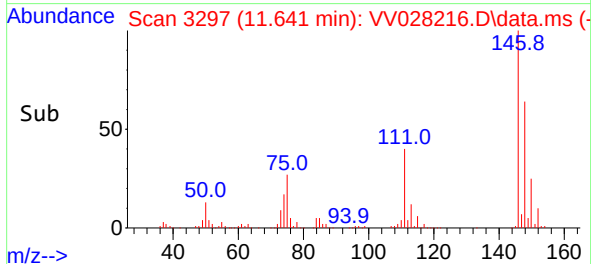
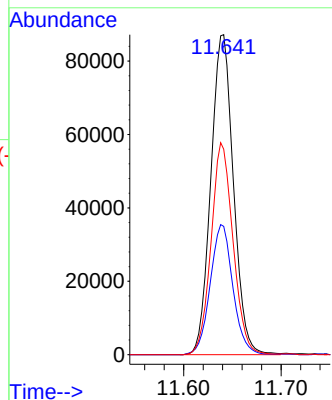
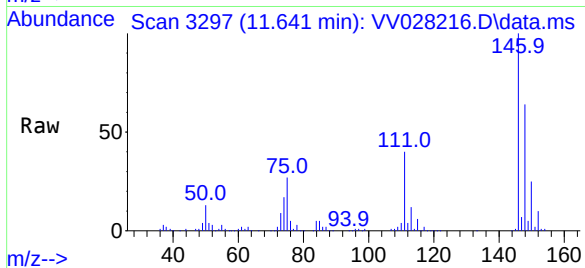
Tgt Ion:146 Resp: 140576

Ion Ratio Lower Upper

146 100

111 40.1 32.6 49.0

148 64.2 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.458 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV028216.D

Acq: 30 Sep 2022 03:23

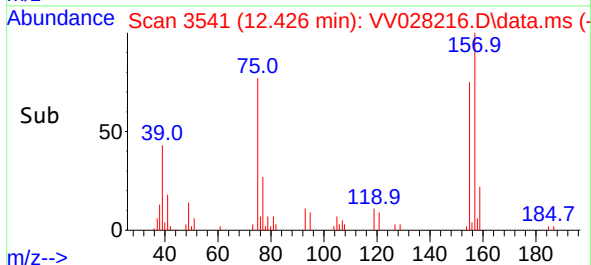
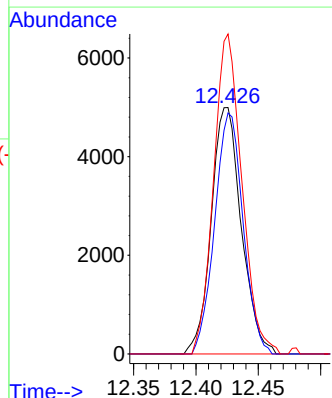
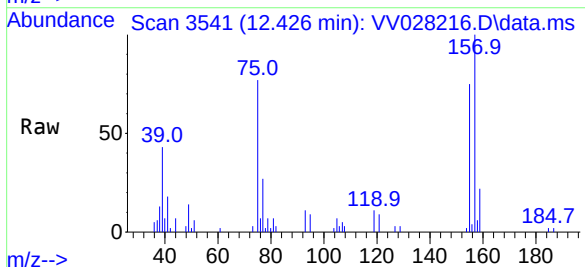
Tgt Ion: 75 Resp: 8385

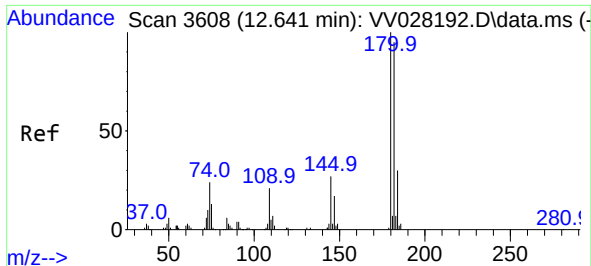
Ion Ratio Lower Upper

75 100

155 97.8 73.6 110.4

157 129.9 90.7 136.1



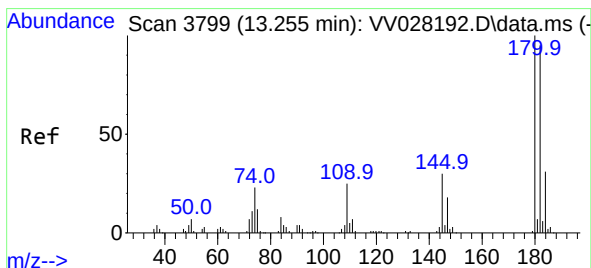
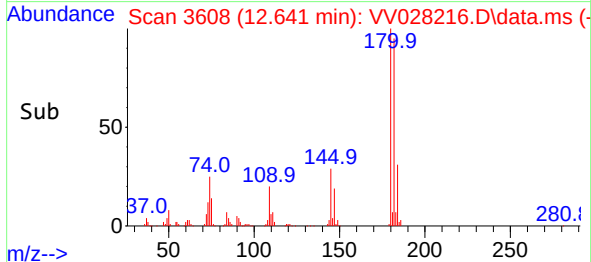
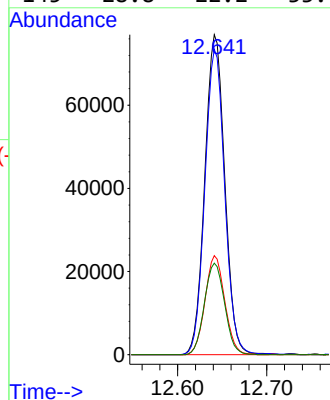
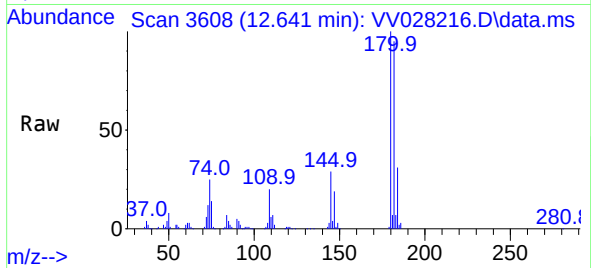


#69
1,3,5-Trichlorobenzene
Concen: 5.067 ug/L
RT: 12.641 min Scan# 30
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

Tgt Ion:180 Resp: 119846

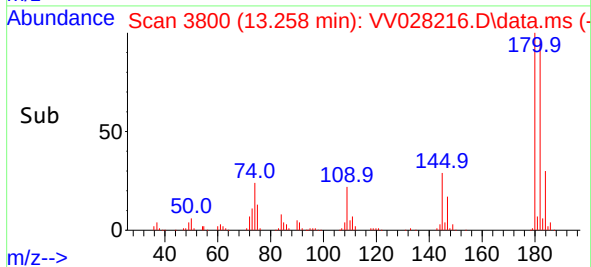
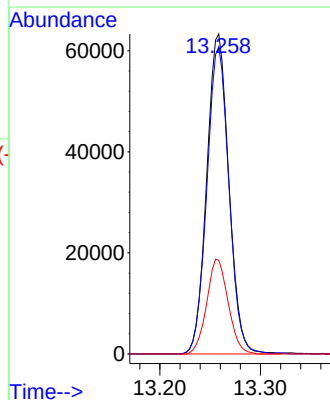
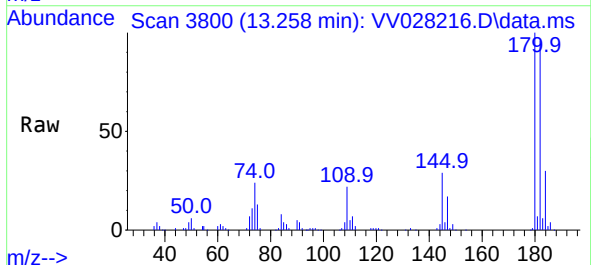
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
184	30.5	23.7	35.5
145	28.8	22.2	33.4

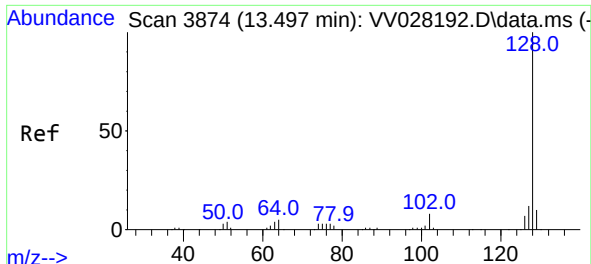


#70
1,2,4-trichlorobenzene
Concen: 5.105 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:180 Resp: 96573

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	28.8	22.9	34.3

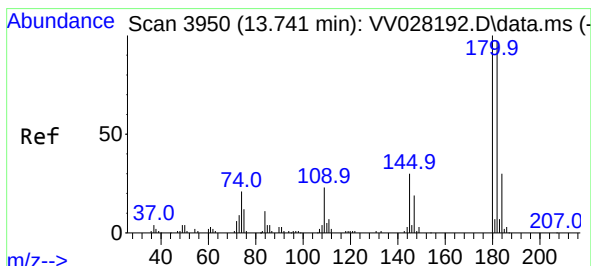
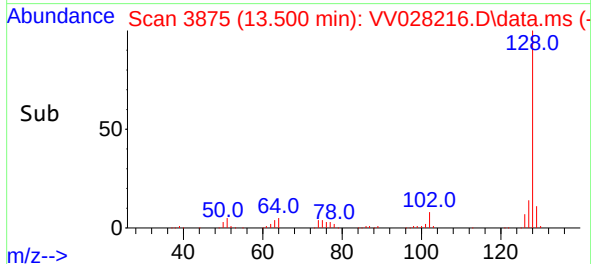
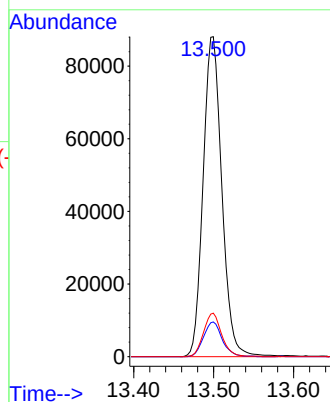
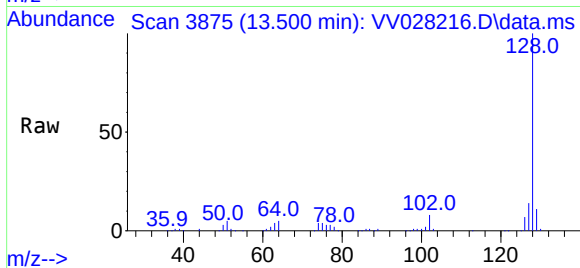




#71
Naphthalene
Concen: 4.642 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005311

Tgt Ion:128 Resp: 143775
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.047 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028216.D
Acq: 30 Sep 2022 03:23

Tgt Ion:180 Resp: 86354
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.0
145 29.6 24.6 36.8

