

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020014.D
 Acq On : 14 Sep 2021 15:33
 Operator : SY/VA
 Sample : VSTD05047
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050447

Quant Time: Sep 14 15:55:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	340250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	328269	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	177094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	297101	55.164	ug/L	0.00
7) Chloroethane-d5	2.898	69	245374	52.082	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	474266	51.654	ug/L	0.00
21) 2-Butanone-d5	7.080	46	102366	88.339	ug/L	0.00
24) Chloroform-d	7.653	84	470739	50.546	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	259458	50.677	ug/L	0.00
32) Benzene-d6	8.281	84	919369	49.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	267114	48.020	ug/L	0.00
41) Toluene-d8	10.329	98	884720	51.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	126263	53.889	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	86150	100.262	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	220918	46.559	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	297483	48.763	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	181008	52.807	ug/L	94
3) Chloromethane	2.221	50	211494	49.665	ug/L	100
5) Vinyl chloride	2.373	62	348860	53.589	ug/L	97
6) Bromomethane	2.788	94	233992	48.977	ug/L	97
8) Chloroethane	2.934	64	212758	50.495	ug/L	98
9) Trichlorofluoromethane	3.269	101	217155	52.631	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	238459	49.698	ug/L	96
12) 1,1-Dichloroethene	4.044	96	229267	49.118	ug/L #	78
13) Acetone	4.123	43	86016	84.899	ug/L	93
14) Carbon disulfide	4.391	76	737098	49.240	ug/L	99
15) Methyl Acetate	4.678	43	85309	41.097	ug/L	100
16) Methylene chloride	4.922	84	227808	38.662	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	237881	48.667	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	290925	50.962	ug/L	99
19) 1,1-Dichloroethane	6.226	63	421088	48.635	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	252032	51.144	ug/L	98
22) 2-Butanone	7.171	43	117900	89.661	ug/L	99
23) Bromochloromethane	7.525	128	108032	48.375	ug/L	92
25) Chloroform	7.683	83	438917	48.822	ug/L	99
27) 1,2-Dichloroethane	8.403	62	294273	49.486	ug/L	99
29) Cyclohexane	7.964	56	396733	51.425	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	369273	49.748	ug/L	100
31) Carbon tetrachloride	8.073	117	356037	51.060	ug/L	100
33) Benzene	8.329	78	970542	48.070	ug/L	100
34) Trichloroethene	9.092	95	258085	49.040	ug/L	94
35) Methylcyclohexane	9.335	83	469479	52.058	ug/L	98
37) 1,2-Dichloropropane	9.372	63	233357	46.851	ug/L	100
38) Bromodichloromethane	9.646	83	321009	49.434	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	382398	52.048	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	259618	91.277	ug/L	99
42) Toluene	10.390	91	1093167	50.905	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	343152	52.088	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

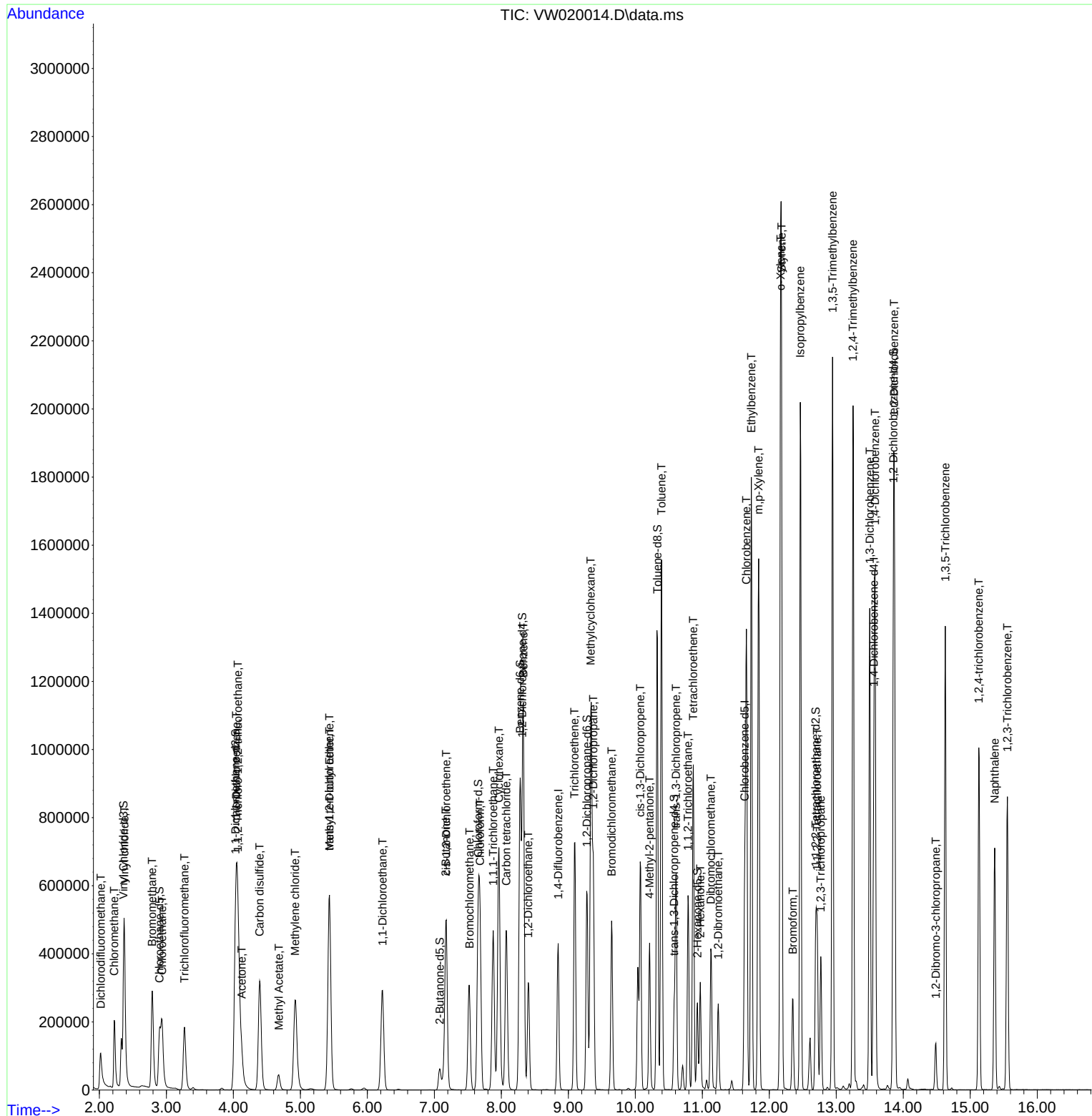
45) 1,1,2-Trichloroethane	10.786	97	171048	46.544	ug/L	98
46) Tetrachloroethene	10.866	164	200179	49.991	ug/L	93
48) 2-Hexanone	10.969	43	185183	92.050	ug/L	98
49) Dibromochloromethane	11.128	129	213256	50.668	ug/L	98
50) 1,2-Dibromoethane	11.238	107	160565	46.023	ug/L	93
51) Chlorobenzene	11.658	112	666588	48.798	ug/L	98
52) Ethylbenzene	11.731	91	1213928	52.406	ug/L	94
53) m,p-Xylene	11.841	106	479857	53.884	ug/L	96
54) o-Xylene	12.170	106	460970	54.904	ug/L	95
55) Styrene	12.182	104	792358	55.047	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	207623	45.101	ug/L	99
59) Bromoform	12.353	173	121765	49.522	ug/L	99
60) Isopropylbenzene	12.463	105	1262048	52.311	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	156035	42.709	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1077578	55.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1068482	55.068	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	540897	49.700	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	550081	49.766	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	469890	47.856	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	35165	42.790	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	384238	51.663	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	304406	52.789	ug/L	99
71) Naphthalene	15.365	128	578222	49.348	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	268528	50.231	ug/L	98

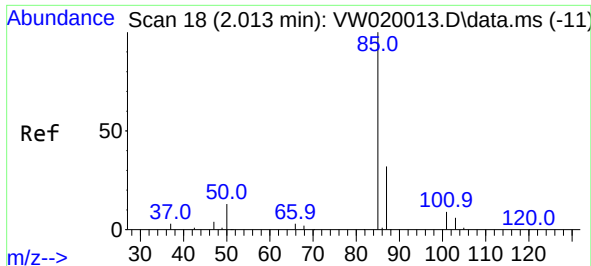
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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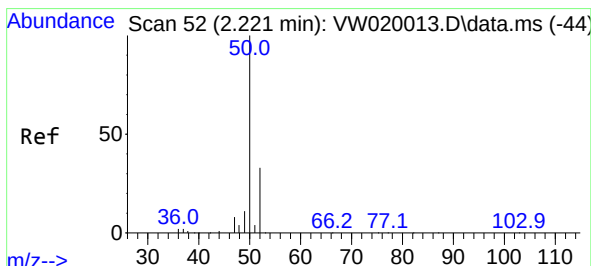
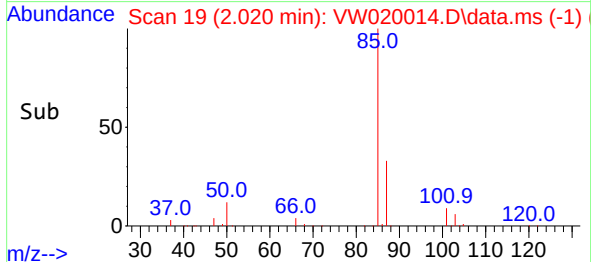
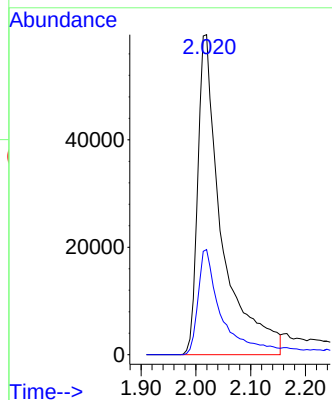
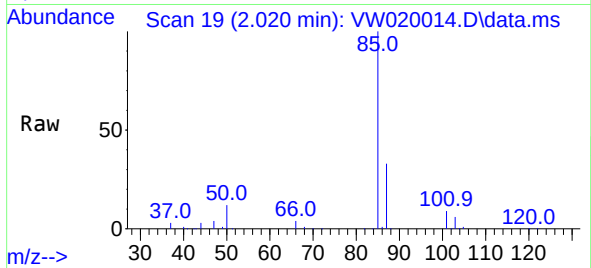




#2
Dichlorodifluoromethane
Concen: 52.807 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

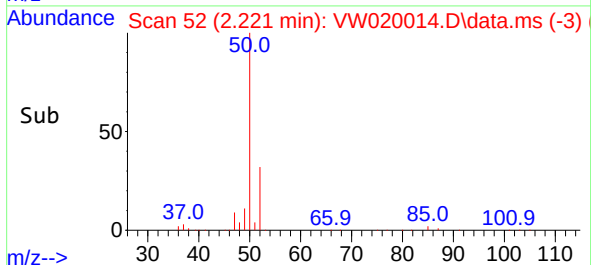
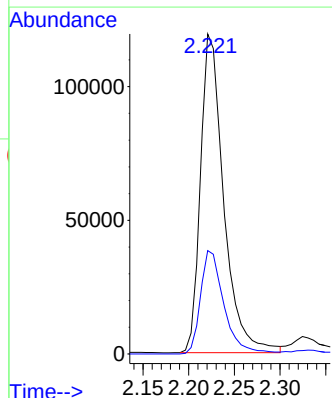
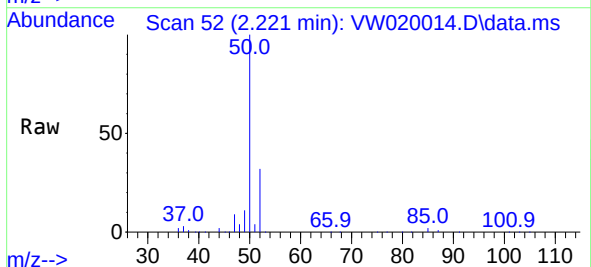
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

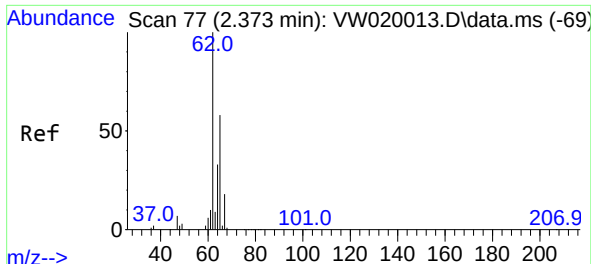
Tgt Ion: 85 Resp: 181008
Ion Ratio Lower Upper
85 100
87 32.4 23.3 34.9



#3
Chloromethane
Concen: 49.665 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 50 Resp: 211494
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9

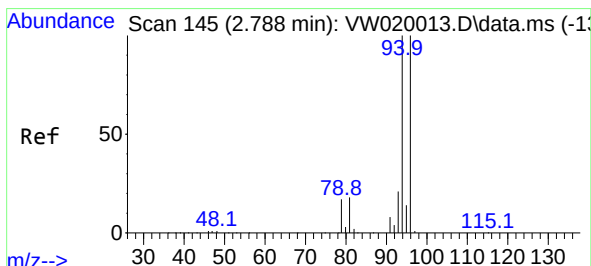
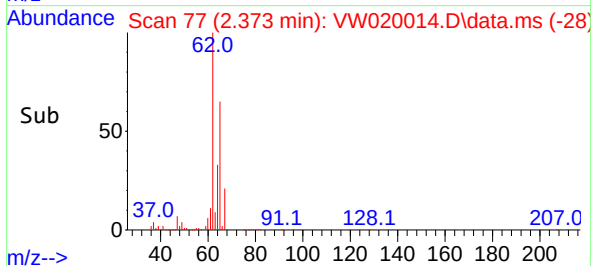
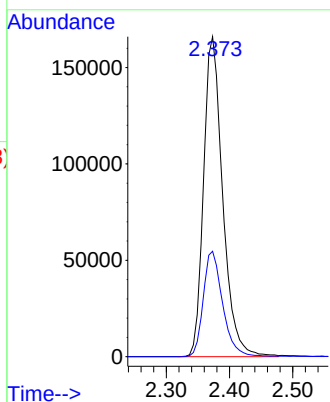
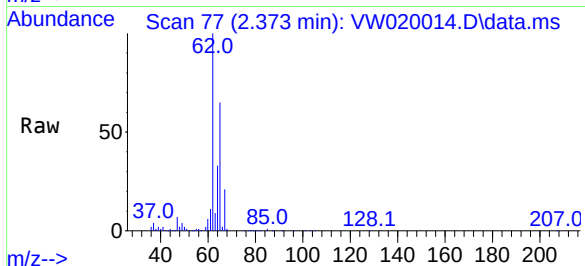




#5
 Vinyl chloride
 Concen: 53.589 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW020014.D
 Acq: 14 Sep 2021 15:33

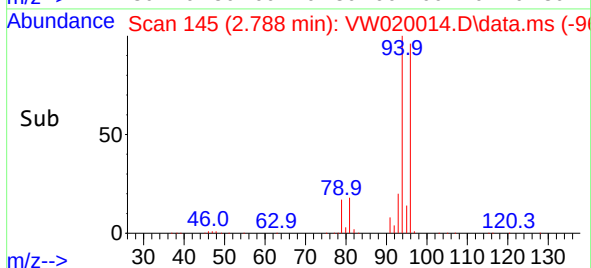
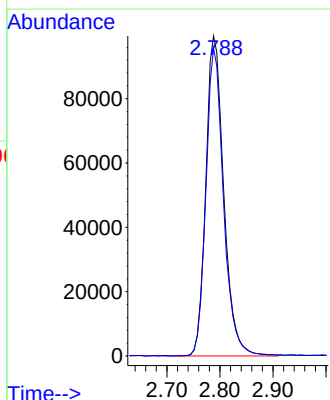
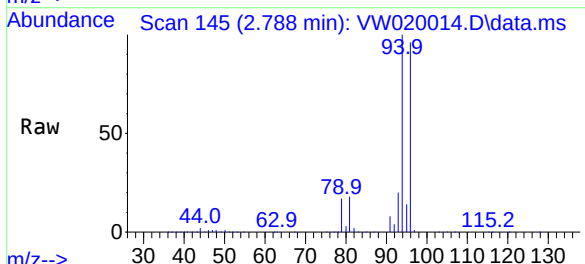
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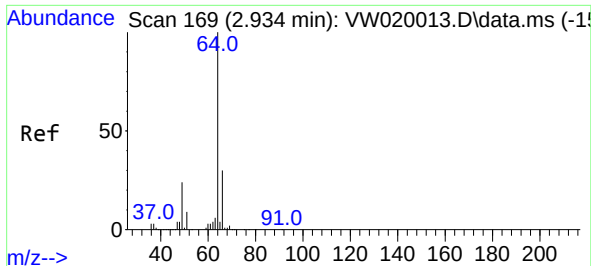
Tgt Ion: 62 Resp: 348860
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 48.977 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW020014.D
 Acq: 14 Sep 2021 15:33

Tgt Ion: 94 Resp: 233992
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.3 121.3

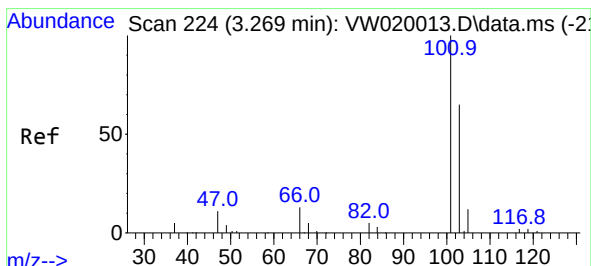
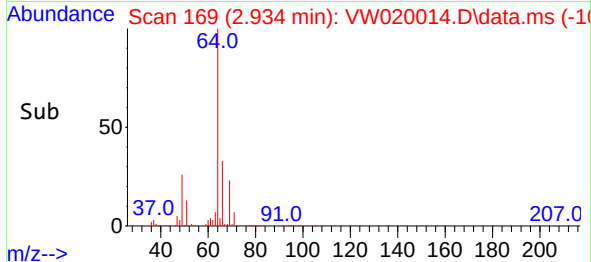
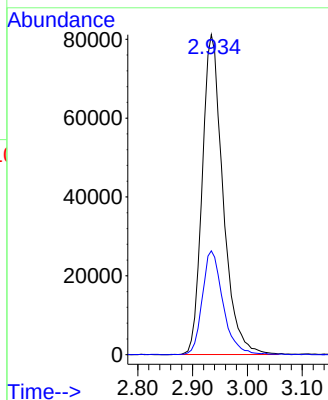
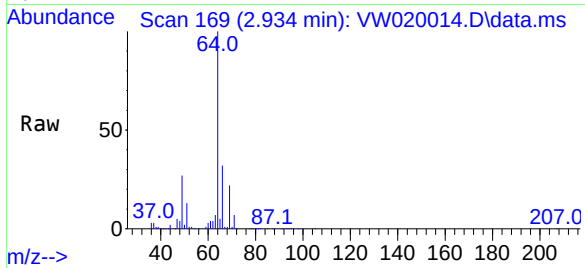




#8
Chloroethane
Concen: 50.495 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

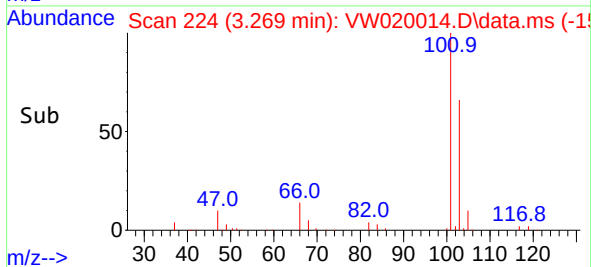
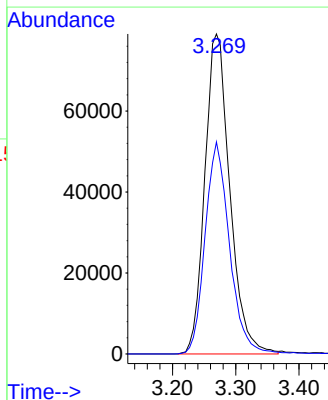
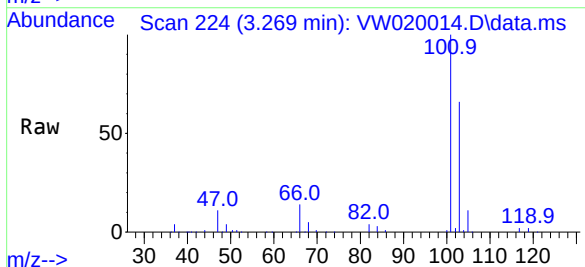
Instrument :
MSVOA_W
ClientSampleId :
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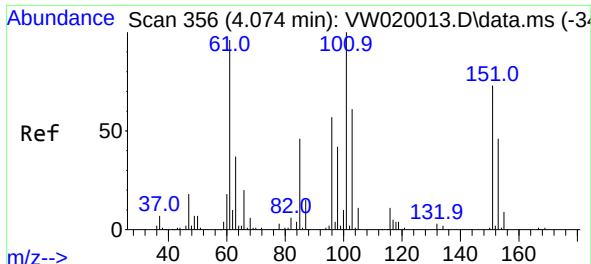
Tgt Ion: 64 Resp: 212758
Ion Ratio Lower Upper
64 100
66 32.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 52.631 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:101 Resp: 217155
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

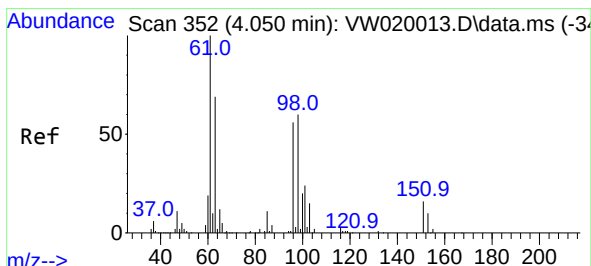
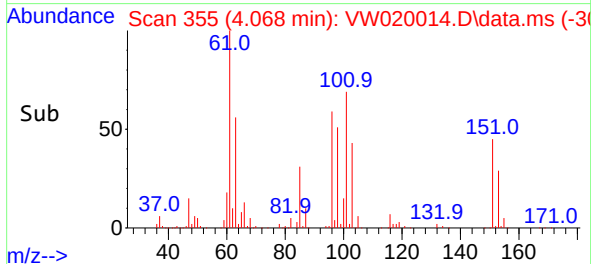
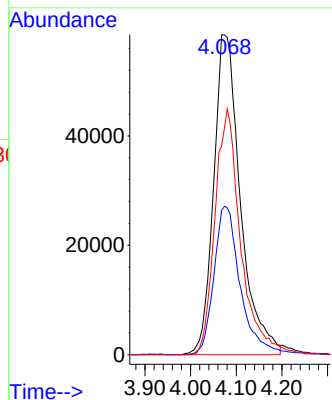
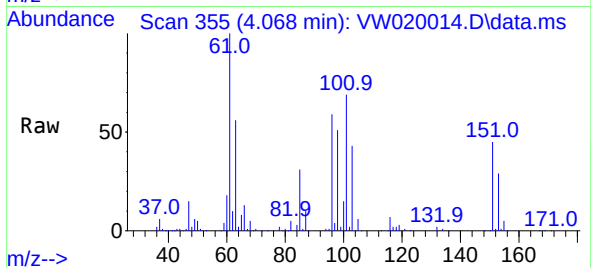




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.698 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

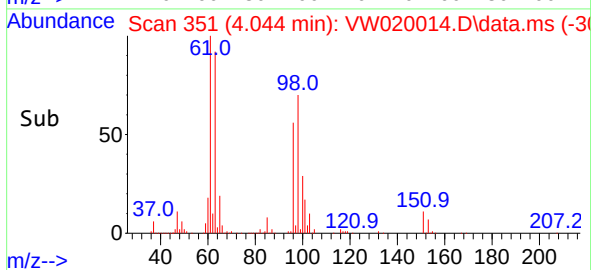
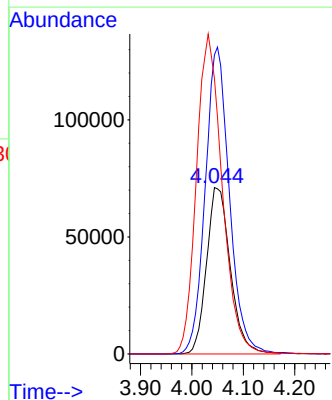
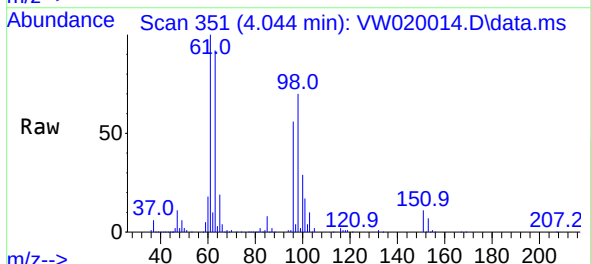
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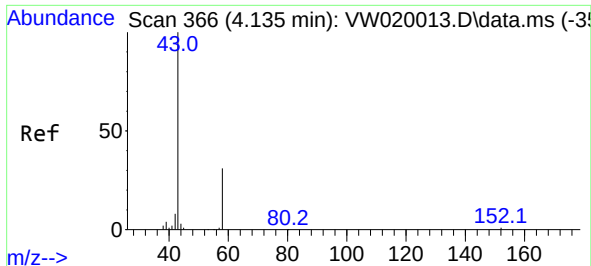
Tgt Ion:101 Resp: 238459
Ion Ratio Lower Upper
101 100
85 45.6 38.2 57.2
151 74.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 49.118 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 96 Resp: 229267
Ion Ratio Lower Upper
96 100
61 179.6 118.1 219.3
63 165.4 83.7 155.5#

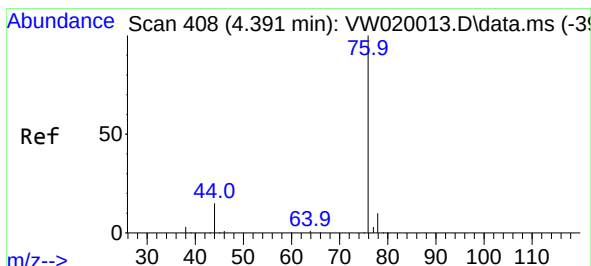
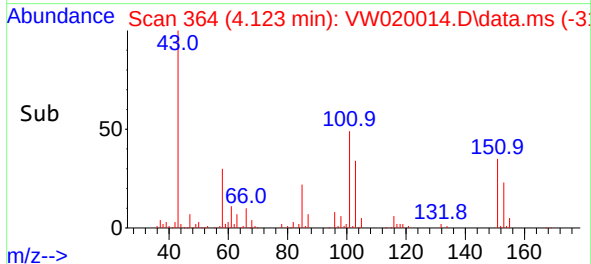
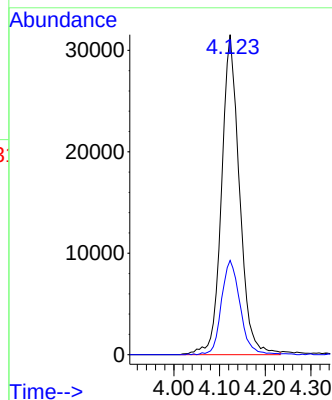
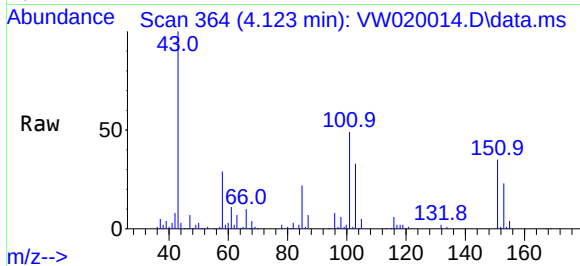




#13
Acetone
Concen: 84.899 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

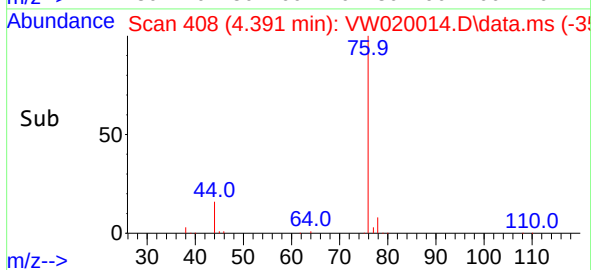
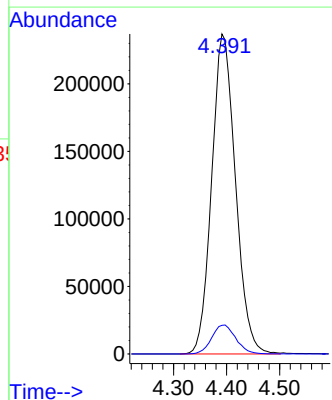
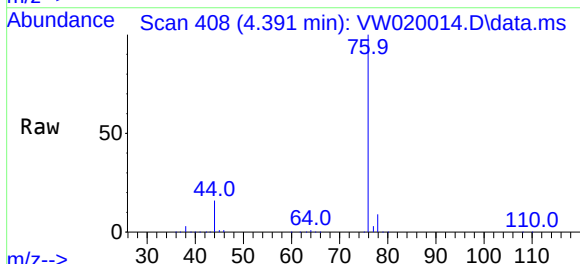
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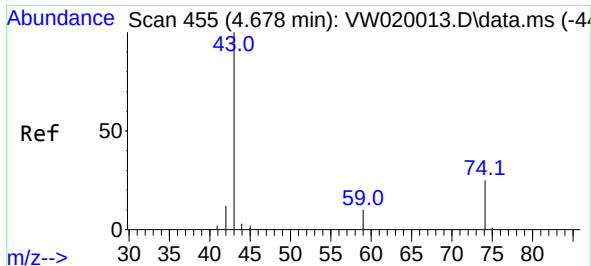
Tgt Ion: 43 Resp: 86016
Ion Ratio Lower Upper
43 100
58 30.3 0.0 53.8



#14
Carbon disulfide
Concen: 49.240 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 76 Resp: 737098
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

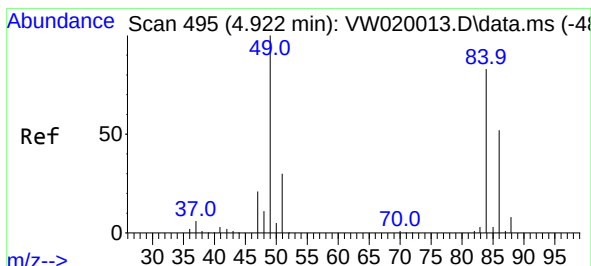
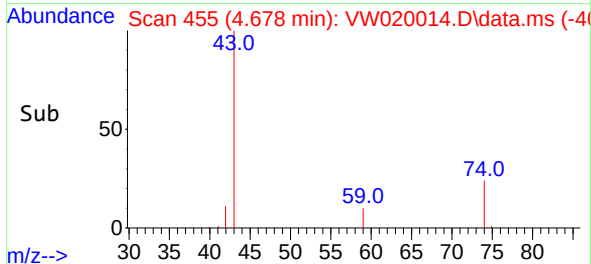
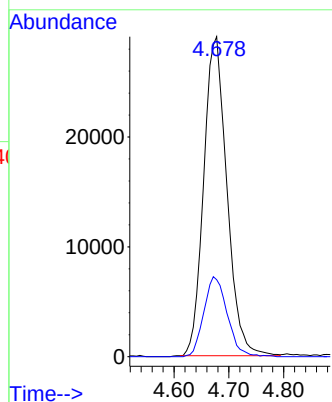
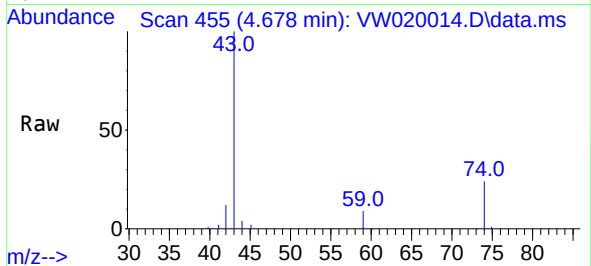




#15
Methyl Acetate
Concen: 41.097 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

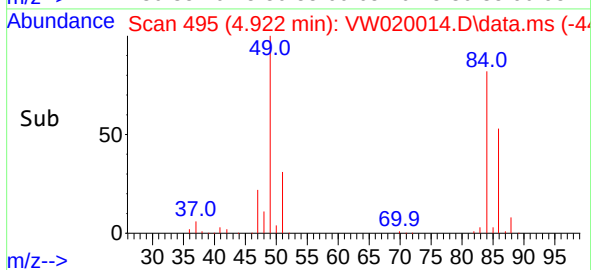
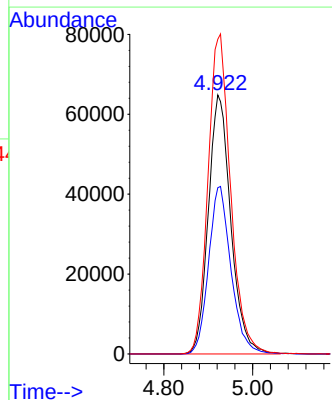
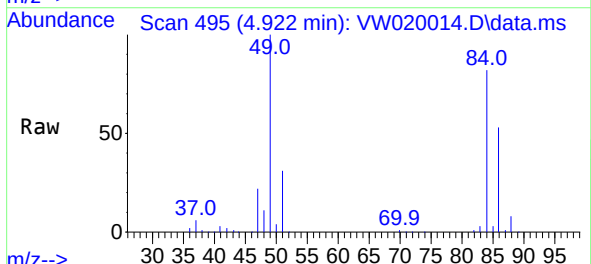
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

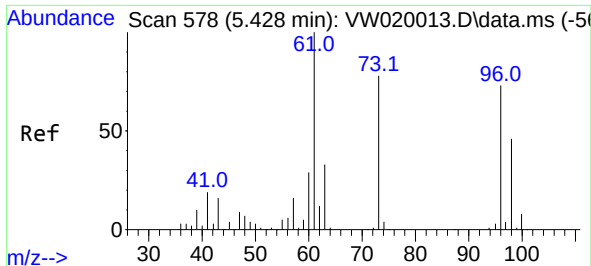
Tgt Ion: 43 Resp: 85309
Ion Ratio Lower Upper
43 100
74 25.1 20.0 30.0



#16
Methylene chloride
Concen: 38.662 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 84 Resp: 227808
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 121.5 86.6 160.8

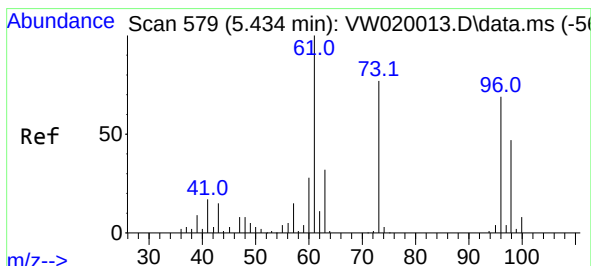
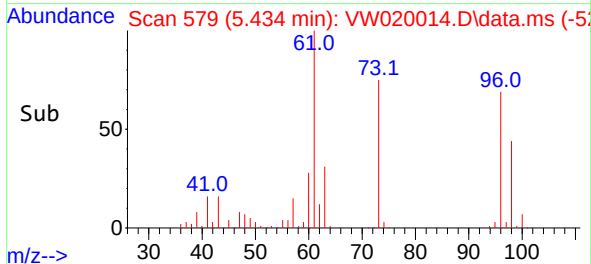
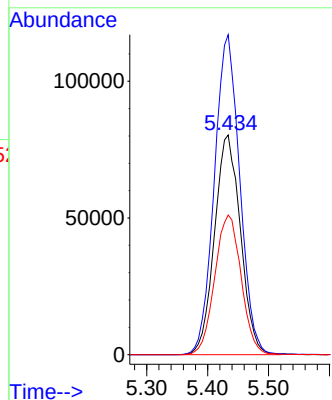
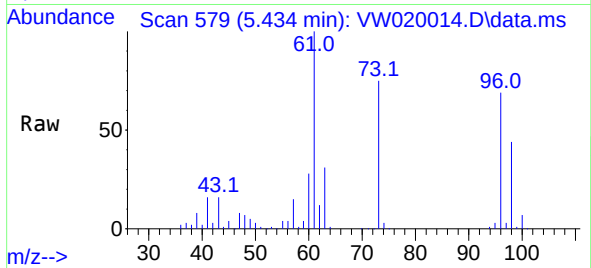




#17
trans-1,2-Dichloroethene
Concen: 48.667 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

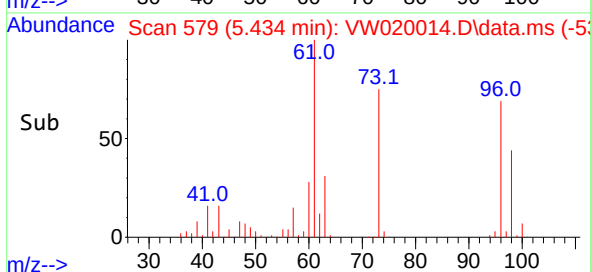
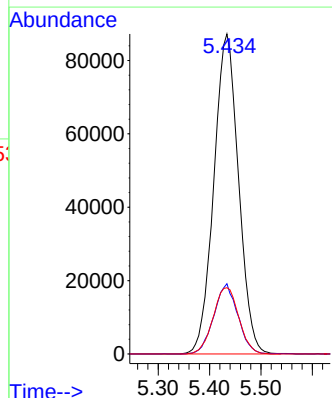
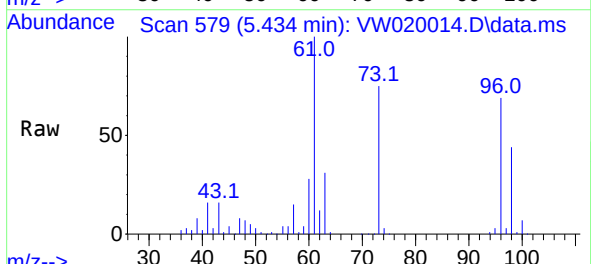
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

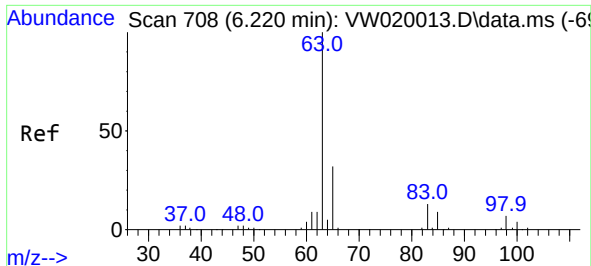
Tgt Ion: 96 Resp: 237881
Ion Ratio Lower Upper
96 100
61 145.7 98.3 182.7
98 63.6 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 50.962 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 73 Resp: 290925
Ion Ratio Lower Upper
73 100
43 21.4 17.7 26.5
57 21.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 48.635 ug/L

RT: 6.226 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW020014.D

Acq: 14 Sep 2021 15:33

Tgt Ion: 63 Resp: 421088

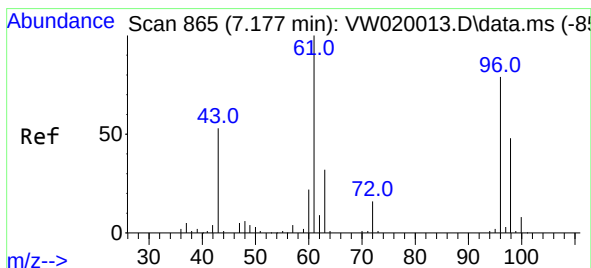
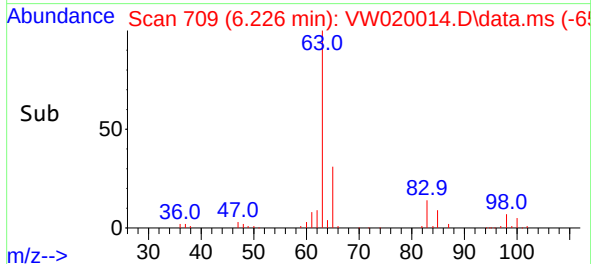
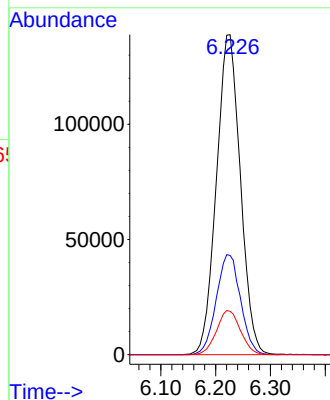
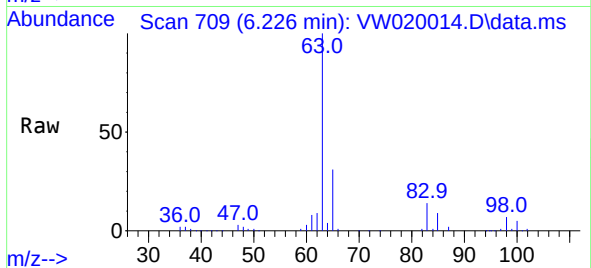
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.9	42.5
83	13.5	10.2	19.0

Instrument :

MSVOA_W

ClientSampleId :

VSTD050447



#20

cis-1,2-Dichloroethene

Concen: 51.144 ug/L

RT: 7.177 min Scan# 865

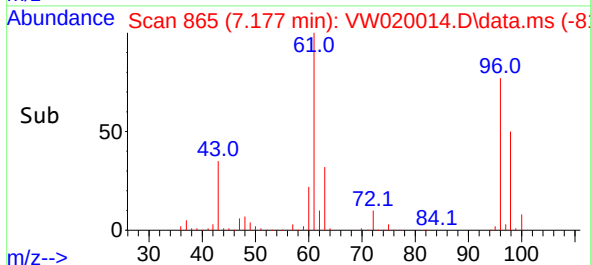
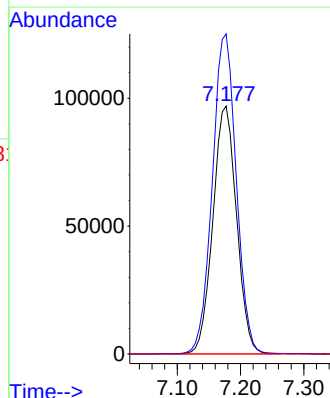
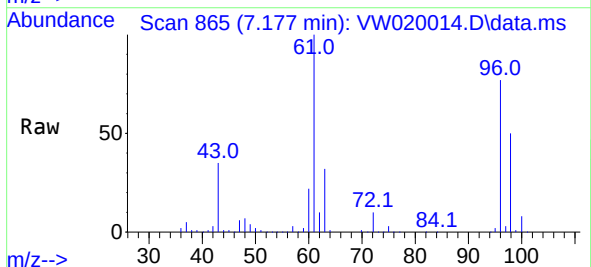
Delta R.T. 0.000 min

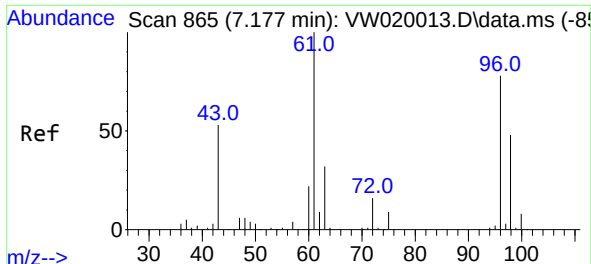
Lab File: VW020014.D

Acq: 14 Sep 2021 15:33

Tgt Ion: 96 Resp: 252032

Ion	Ratio	Lower	Upper
96	100		
61	129.1	88.5	164.3
68	0.0	0.0	0.0

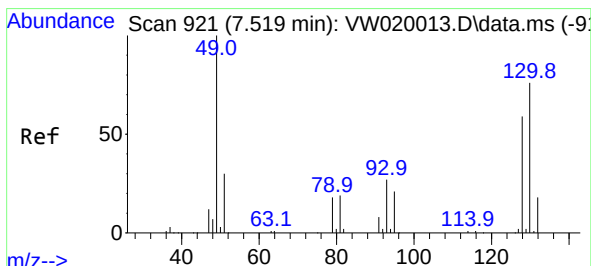
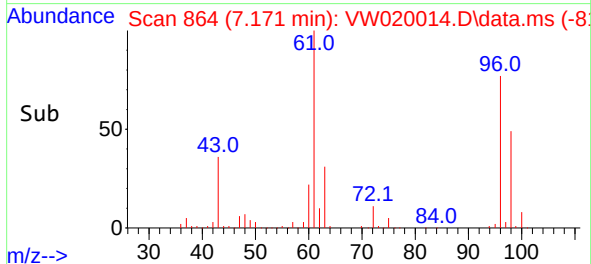
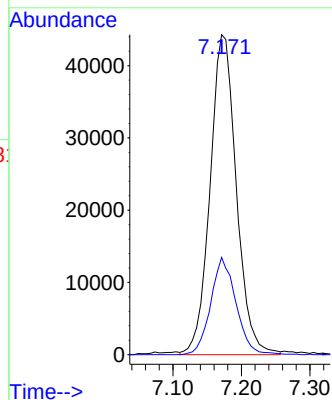
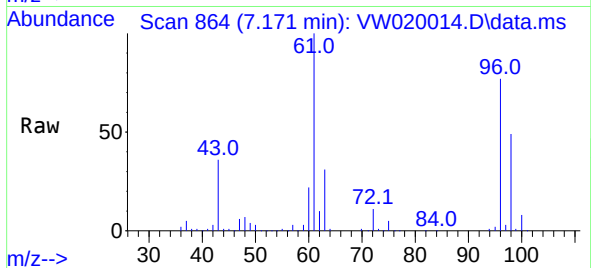




#22
2-Butanone
Concen: 89.661 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

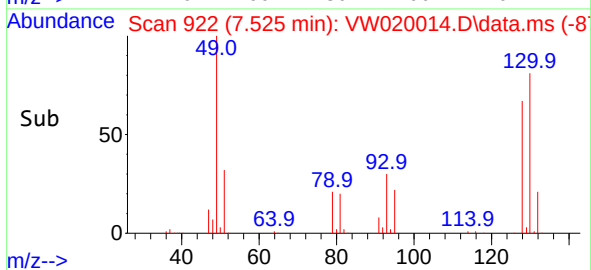
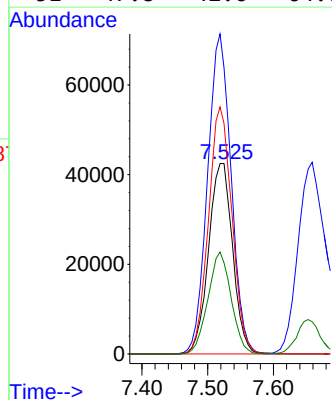
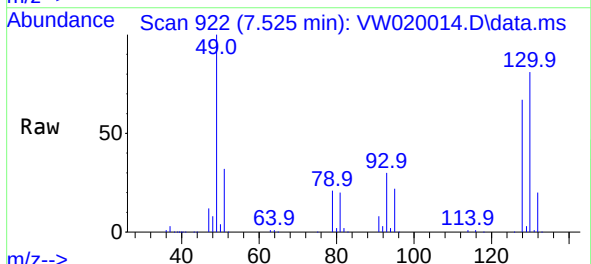
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

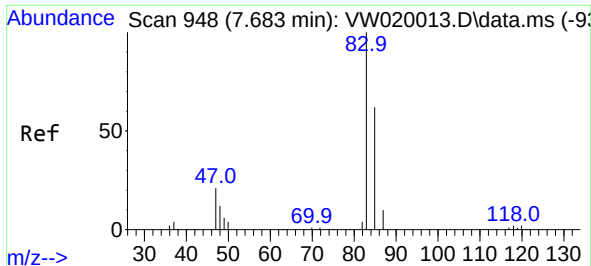
Tgt Ion: 43 Resp: 117900
Ion Ratio Lower Upper
43 100
72 29.2 14.9 44.7



#23
Bromochloromethane
Concen: 48.375 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 128 Resp: 108032
Ion Ratio Lower Upper
128 100
49 150.1 116.3 215.9
130 121.0 82.4 153.0
51 47.8 42.6 64.0





#25

Chloroform

Concen: 48.822 ug/L

RT: 7.683 min Scan# 948

Delta R.T. 0.000 min

Lab File: VW020014.D

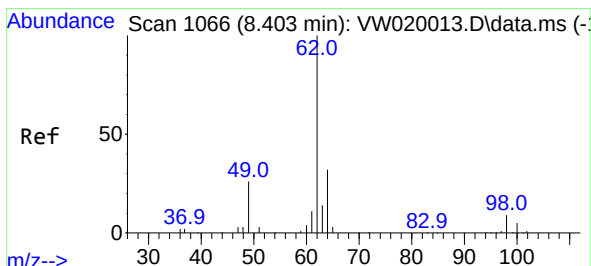
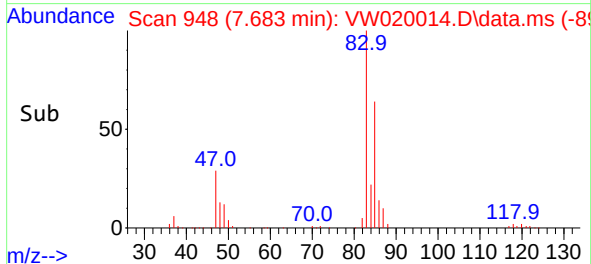
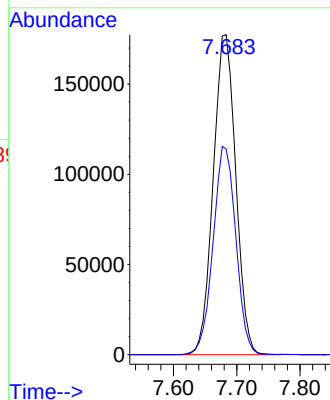
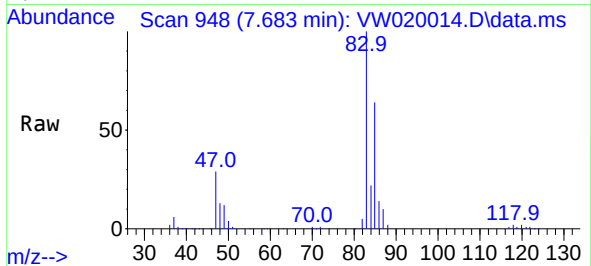
Acq: 14 Sep 2021 15:33

Tgt Ion: 83 Resp: 438917

Ion Ratio Lower Upper

83 100

85 64.3 44.6 82.8



#27

1,2-Dichloroethane

Concen: 49.486 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW020014.D

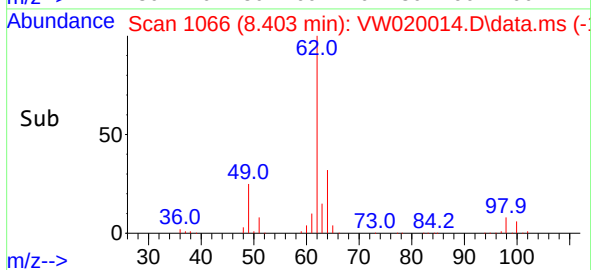
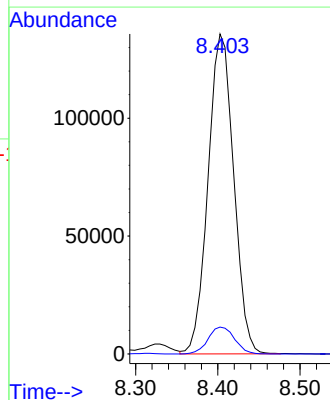
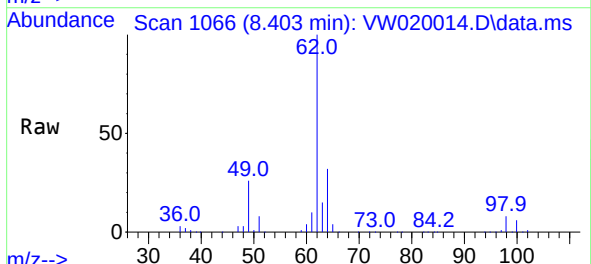
Acq: 14 Sep 2021 15:33

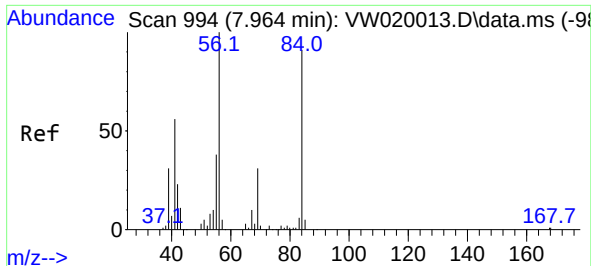
Tgt Ion: 62 Resp: 294273

Ion Ratio Lower Upper

62 100

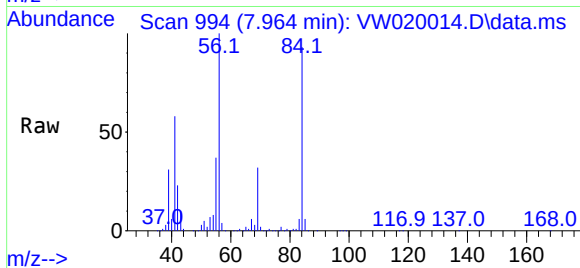
98 8.4 6.9 10.3





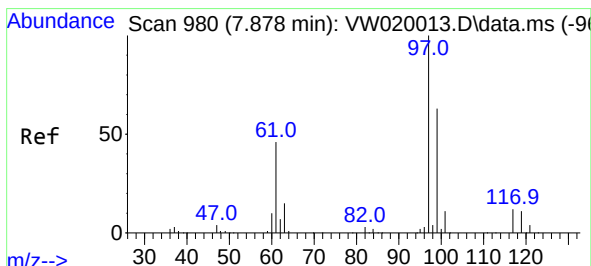
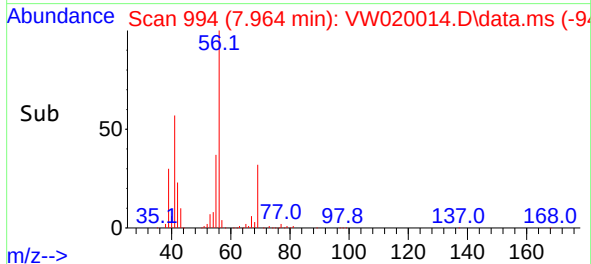
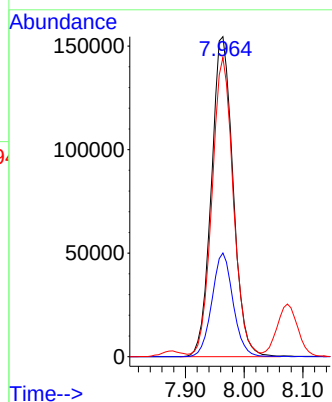
#29
Cyclohexane
Concen: 51.425 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447



Tgt Ion: 56 Resp: 396733

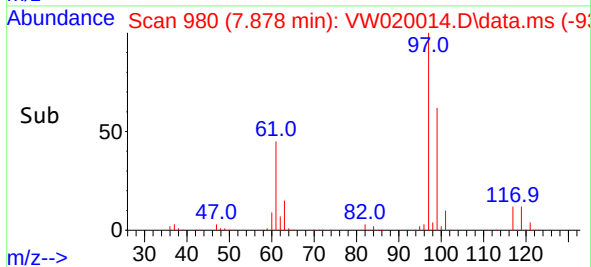
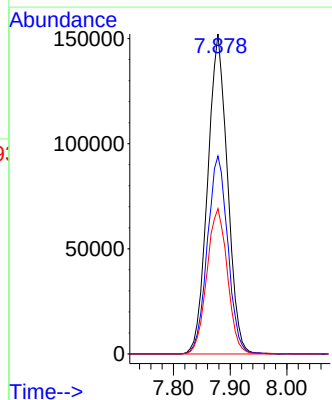
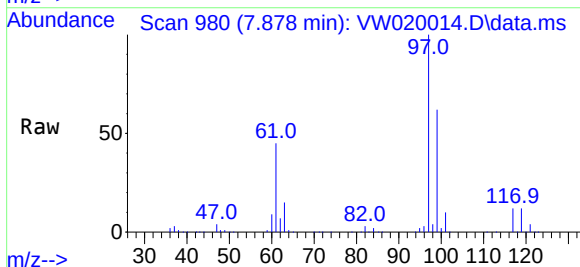
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.5	36.7
84	91.9	75.0	112.4

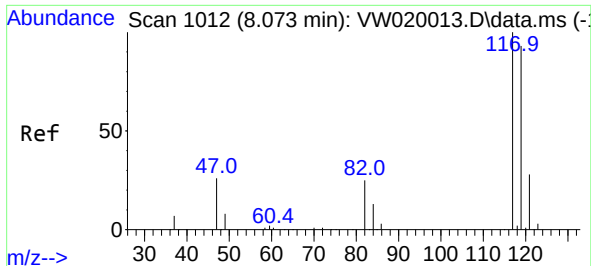


#30
1,1,1-Trichloroethane
Concen: 49.748 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 97 Resp: 369273

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	47.1	37.8	56.6

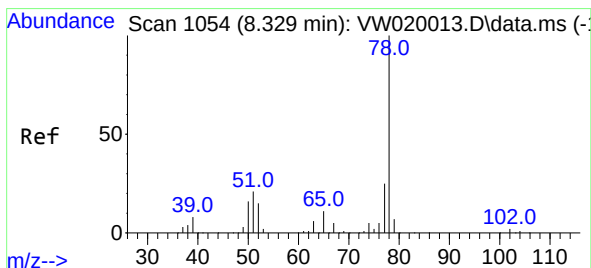
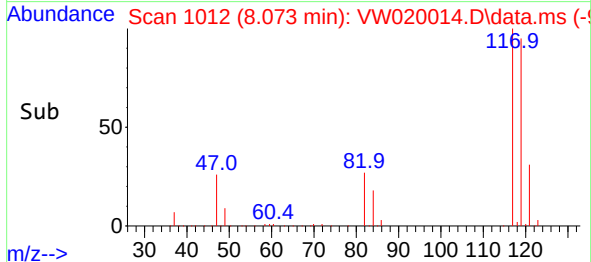
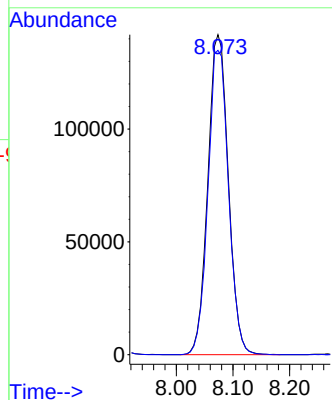
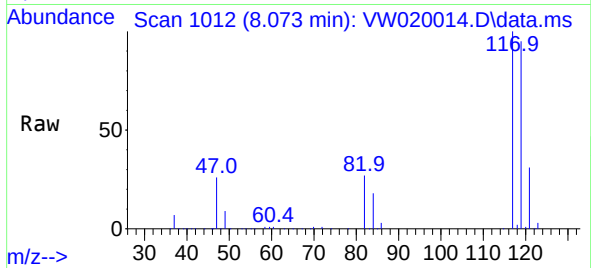




#31
Carbon tetrachloride
Concen: 51.060 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

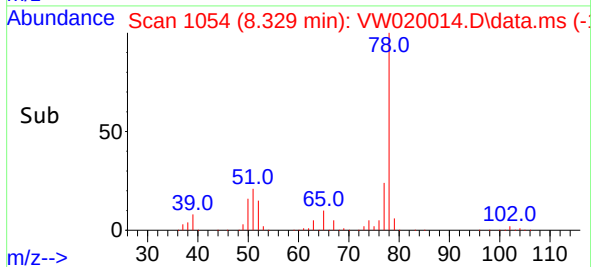
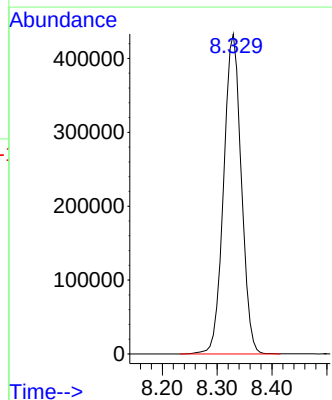
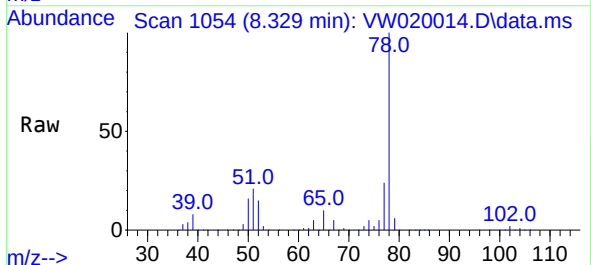
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

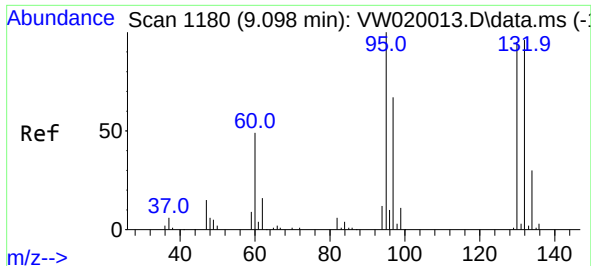
Tgt Ion:117 Resp: 356037
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7



#33
Benzene
Concen: 48.070 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 78 Resp: 970542



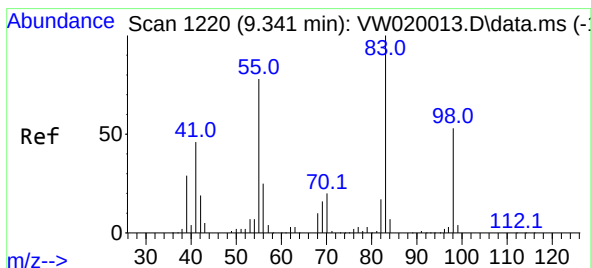
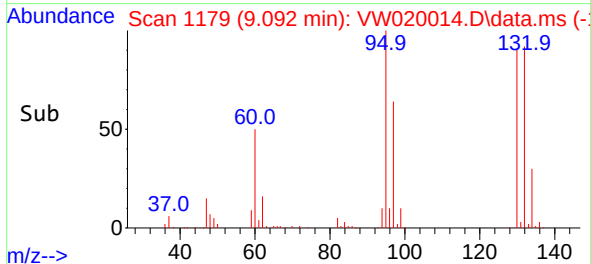
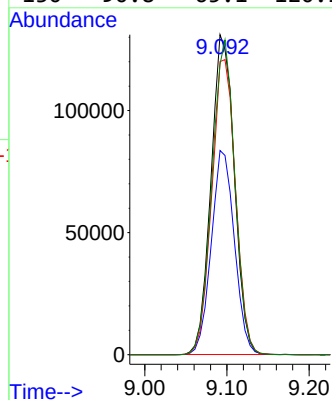
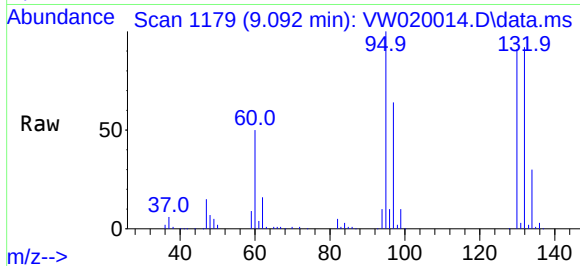


#34
Trichloroethene
Concen: 49.040 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

Tgt Ion: 95 Resp: 258085

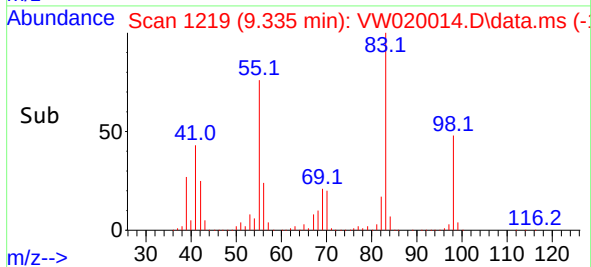
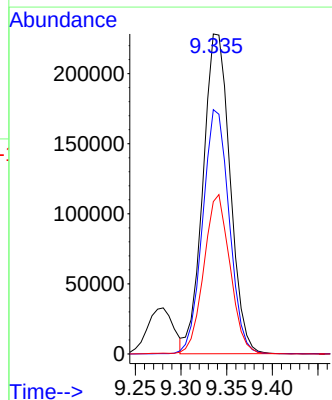
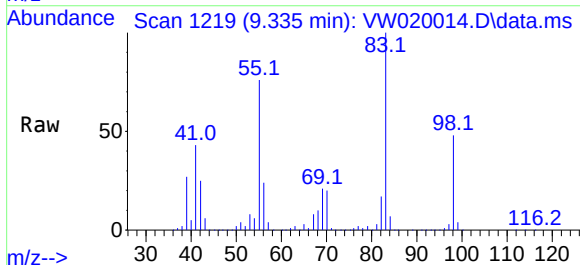
Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.3	87.8
132	91.6	71.0	131.8
130	90.8	65.1	120.9

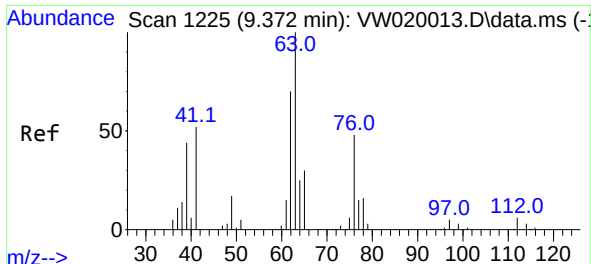


#35
Methylcyclohexane
Concen: 52.058 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 83 Resp: 469479

Ion	Ratio	Lower	Upper
83	100		
55	75.1	58.9	88.3
98	48.3	40.1	60.1

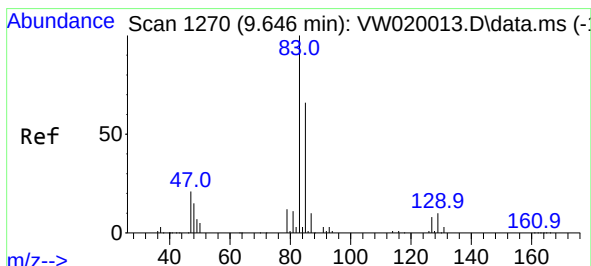
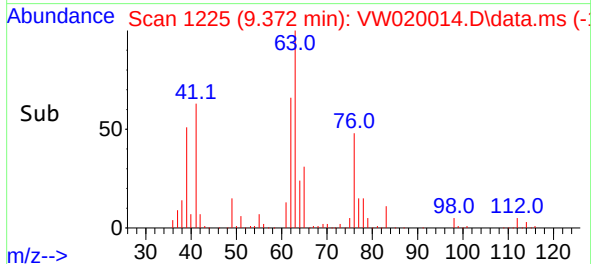
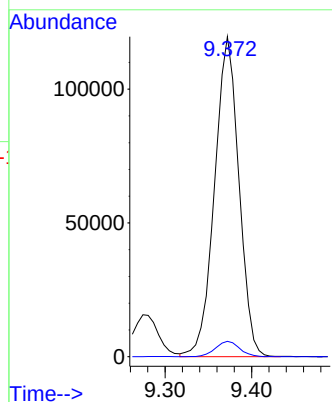
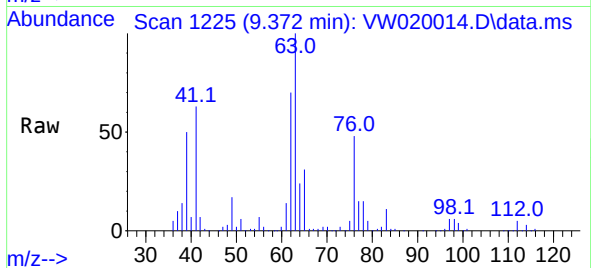




#37
1,2-Dichloropropane
Concen: 46.851 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

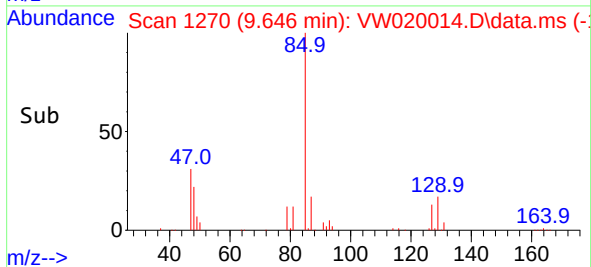
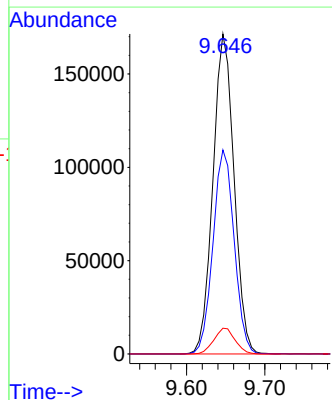
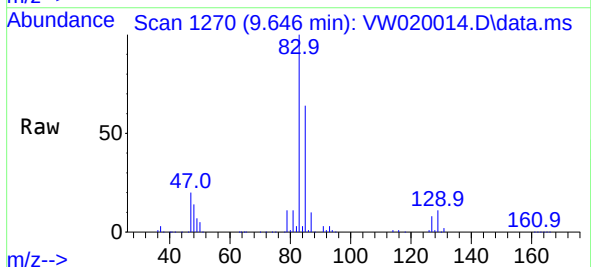
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

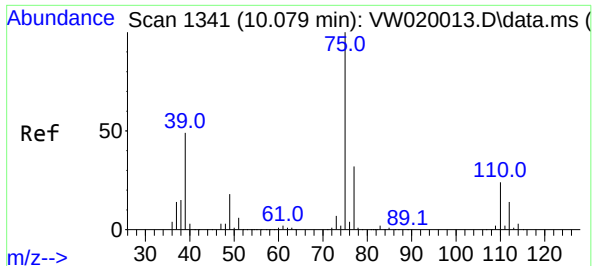
Tgt Ion: 63 Resp: 233357
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 49.434 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 83 Resp: 321009
Ion Ratio Lower Upper
83 100
85 63.7 42.3 78.5
127 8.0 6.6 9.8

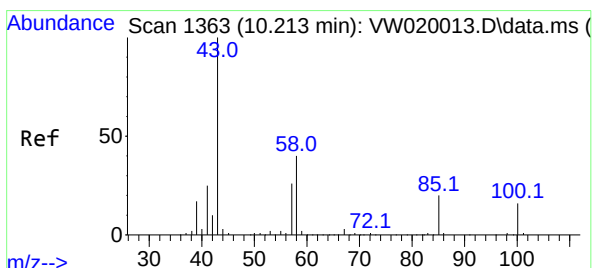
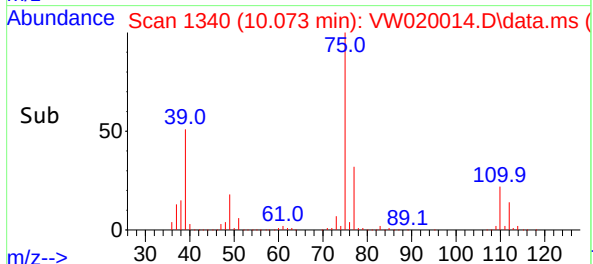
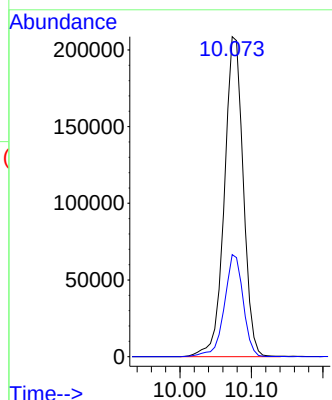
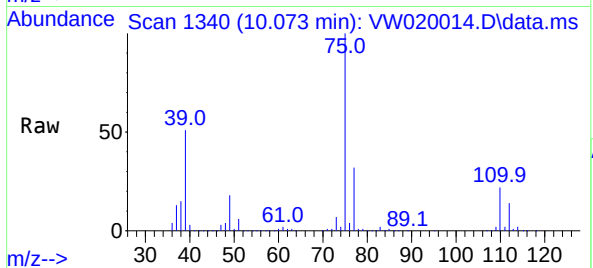




#39
cis-1,3-Dichloropropene
Concen: 52.048 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

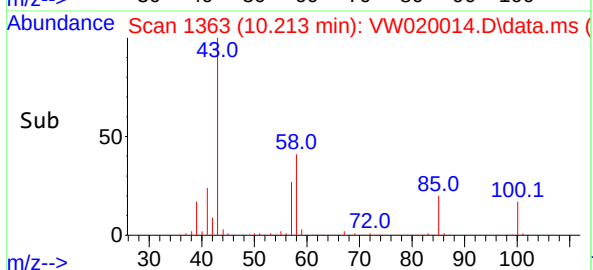
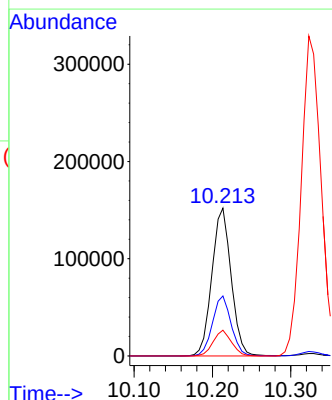
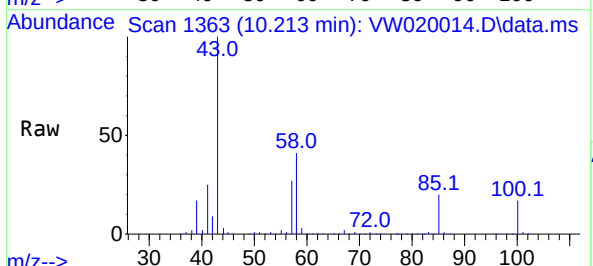
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

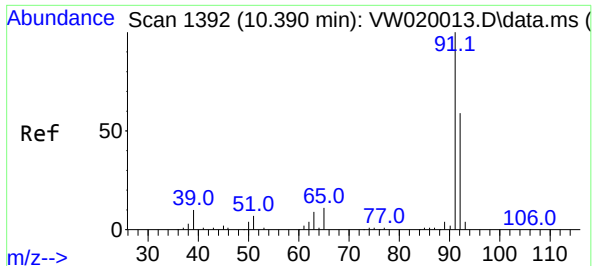
Tgt Ion: 75 Resp: 382398
Ion Ratio Lower Upper
75 100
77 31.9 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 91.277 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 43 Resp: 259618
Ion Ratio Lower Upper
43 100
58 39.5 31.0 46.4
100 16.6 13.0 19.6

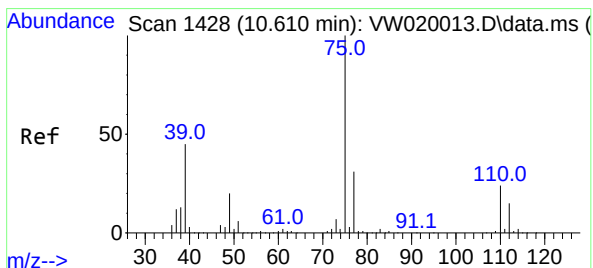
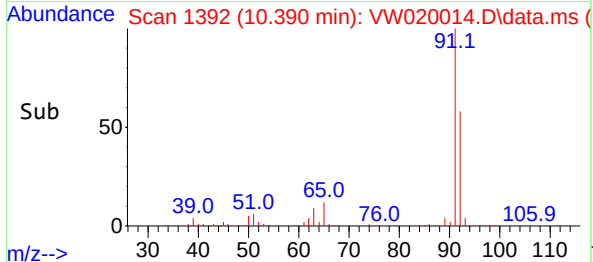
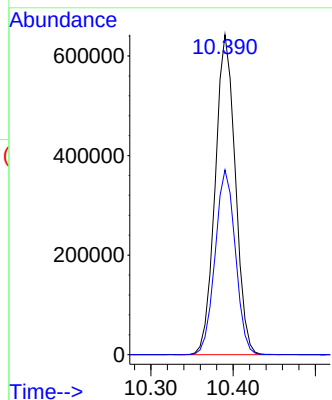
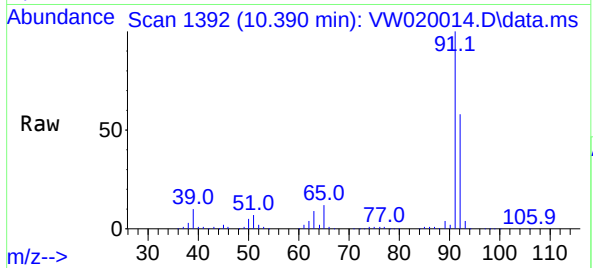




#42
Toluene
Concen: 50.905 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

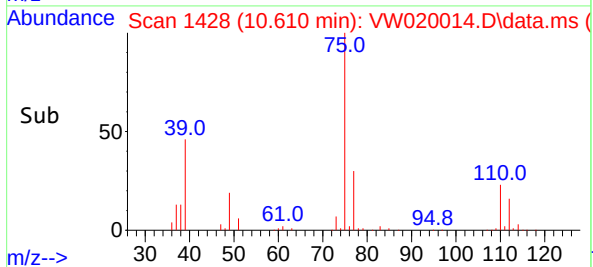
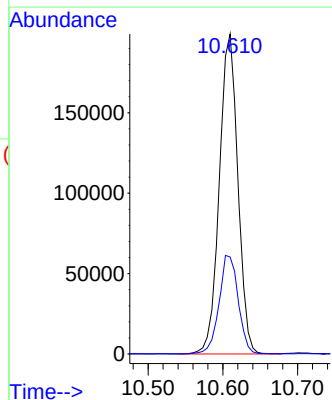
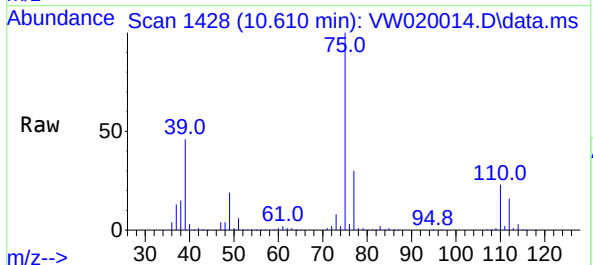
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

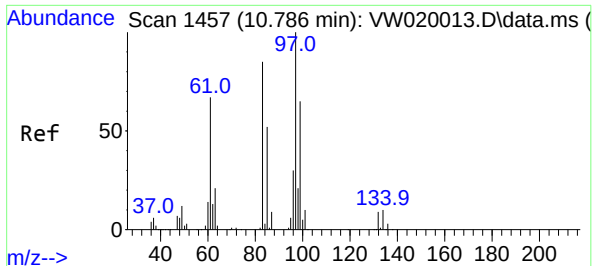
Tgt Ion: 91 Resp: 1093167
Ion Ratio Lower Upper
91 100
92 57.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 52.088 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 75 Resp: 343152
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.1



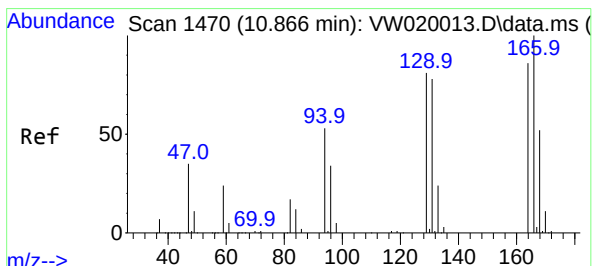
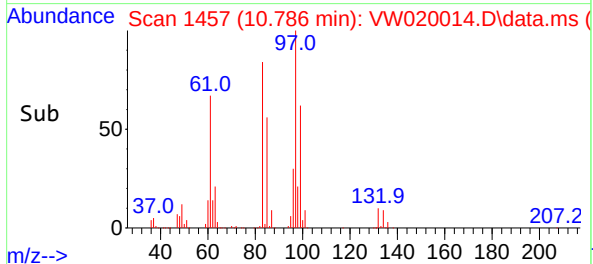
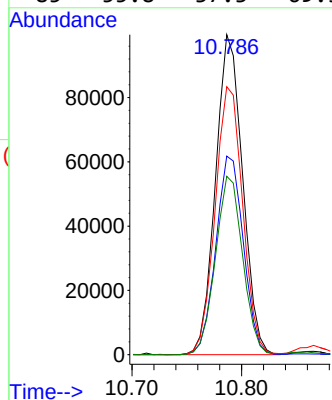
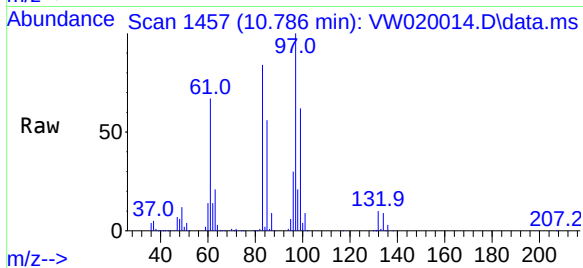


#45

1,1,2-Trichloroethane
Concen: 46.544 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

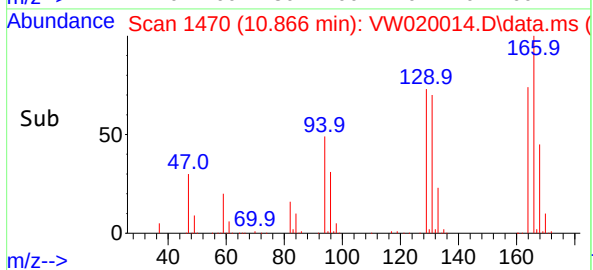
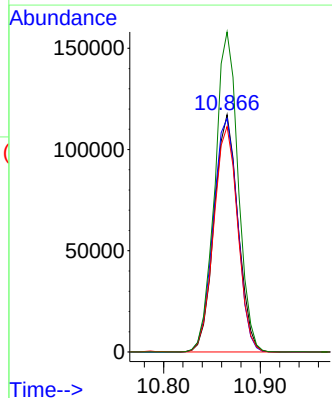
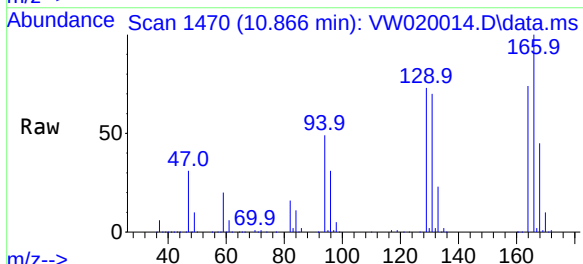
Tgt Ion:	97	Resp:	171048
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.1	83.7
83	83.8	58.1	107.9
85	55.8	37.3	69.3

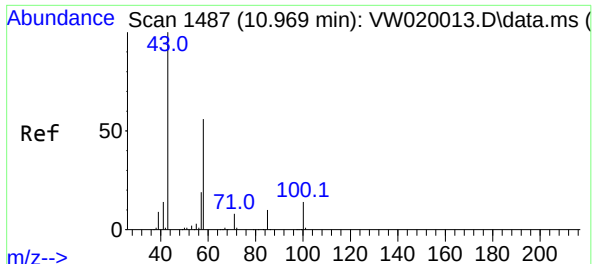


#46

Tetrachloroethene
Concen: 49.991 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:	164	Resp:	200179
Ion	Ratio	Lower	Upper
164	100		
129	98.4	66.7	123.9
131	95.0	61.1	113.5
166	134.8	87.0	161.6



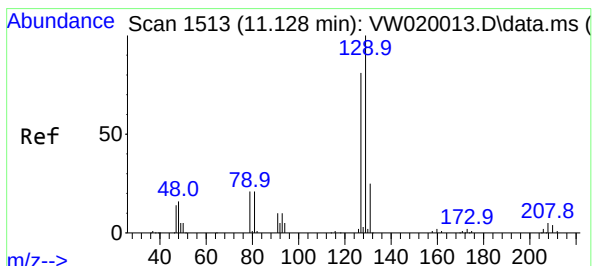
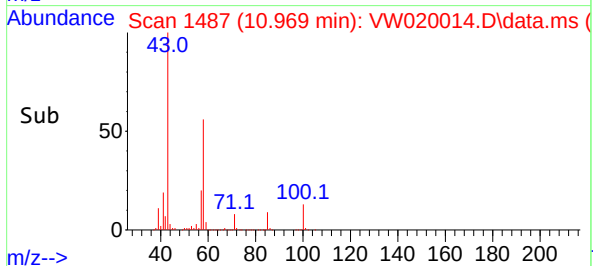
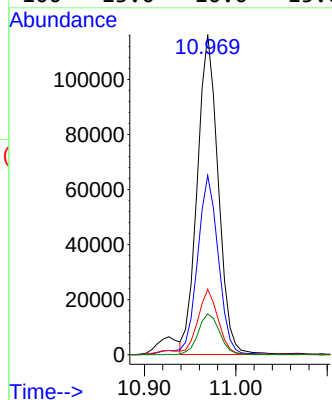
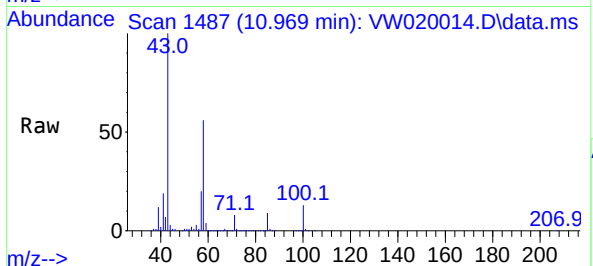


#48
2-Hexanone
Concen: 92.050 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

Tgt Ion: 43 Resp: 185183

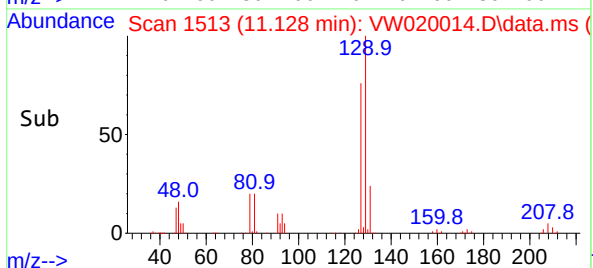
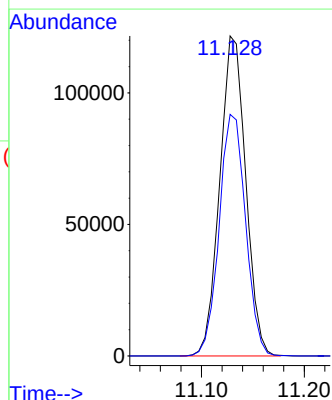
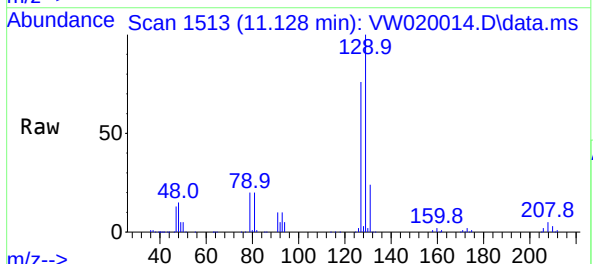
Ion	Ratio	Lower	Upper
43	100		
58	55.6	42.7	64.1
57	19.6	15.8	23.8
100	13.0	10.0	15.0

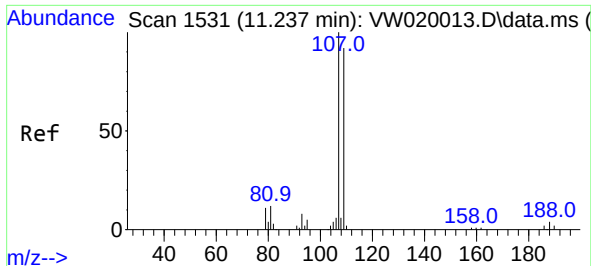


#49
Dibromochloromethane
Concen: 50.668 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 129 Resp: 213256

Ion	Ratio	Lower	Upper
129	100		
127	75.5	51.7	95.9

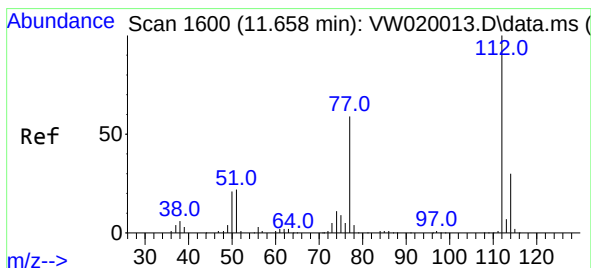
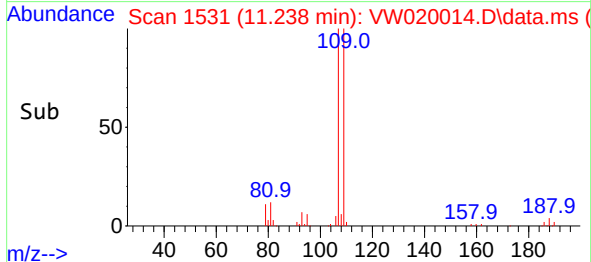
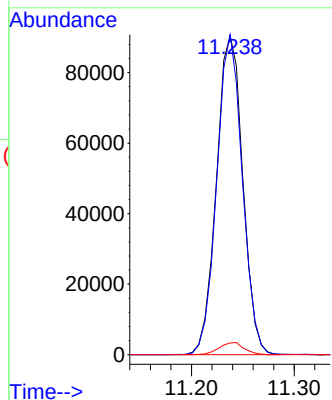
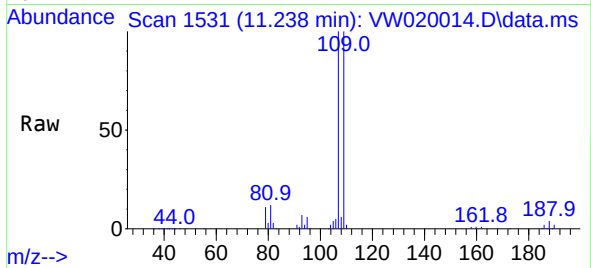




#50
1,2-Dibromoethane
Concen: 46.023 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

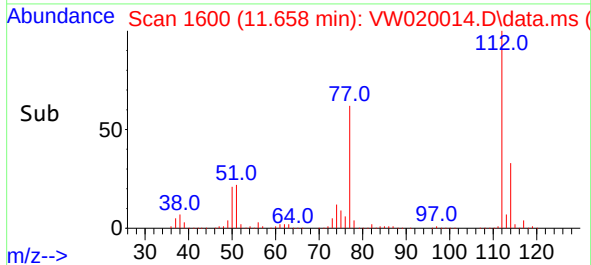
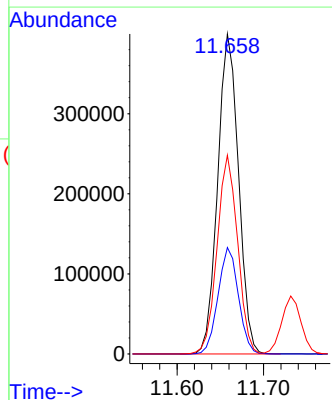
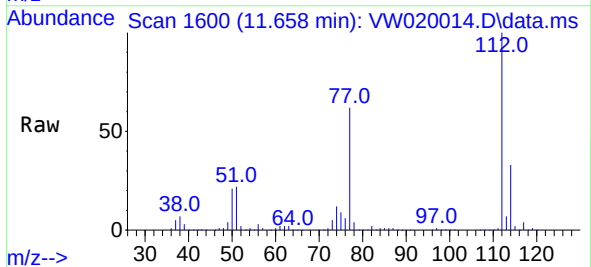
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

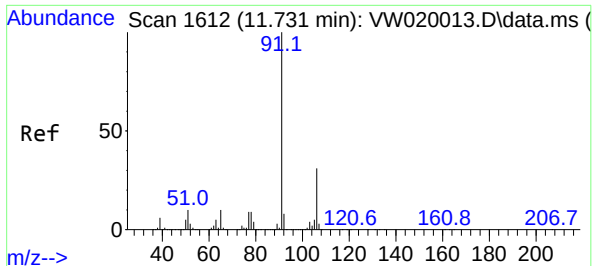
Tgt Ion:107 Resp: 160565
Ion Ratio Lower Upper
107 100
109 100.4 65.4 121.4
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 48.798 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:112 Resp: 666588
Ion Ratio Lower Upper
112 100
114 33.3 23.4 43.6
77 62.1 47.6 71.4

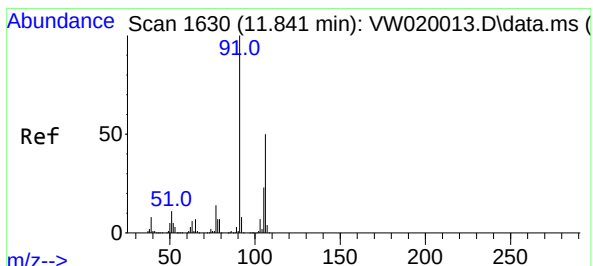
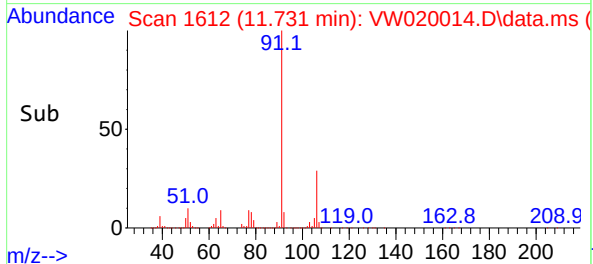
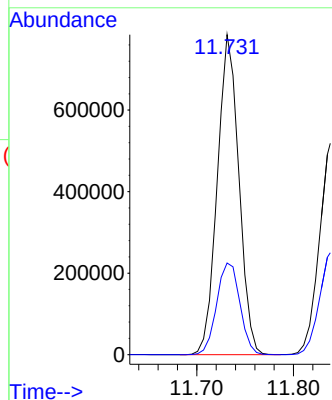
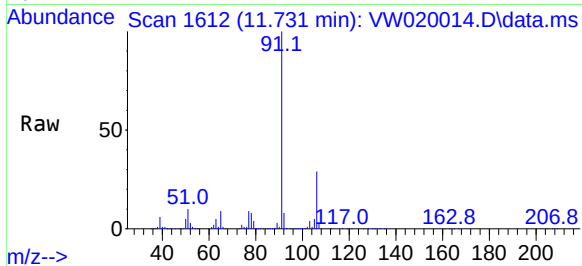




#52
Ethylbenzene
Concen: 52.406 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

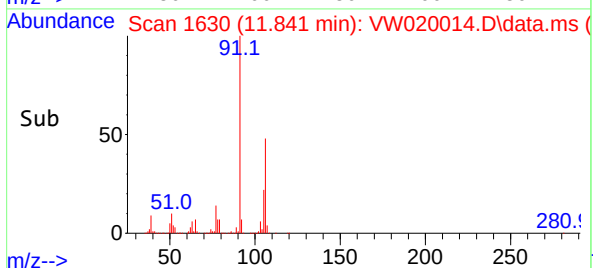
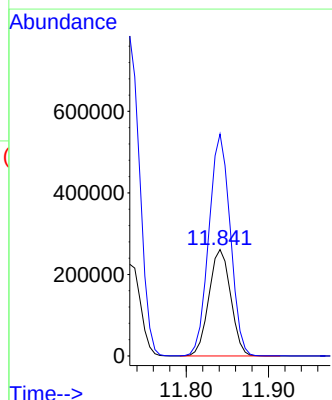
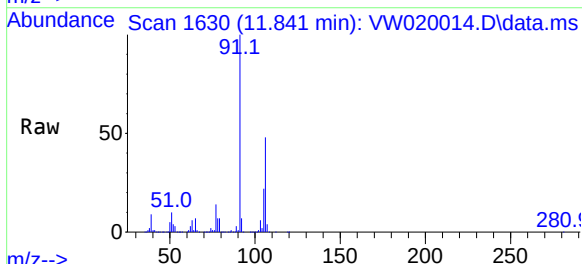
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

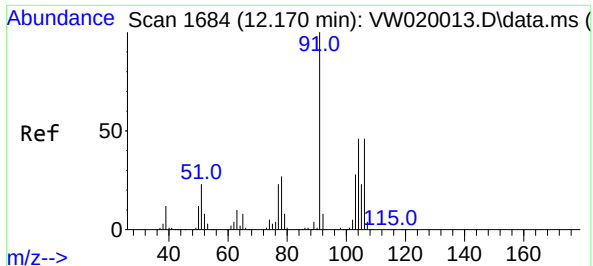
Tgt Ion: 91 Resp: 1213928
Ion Ratio Lower Upper
91 100
106 28.6 22.5 41.7



#53
m,p-Xylene
Concen: 53.884 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:106 Resp: 479857
Ion Ratio Lower Upper
106 100
91 208.6 141.3 262.3

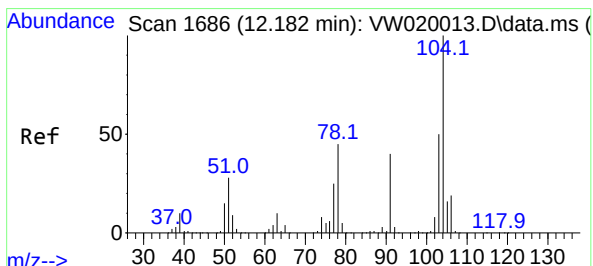
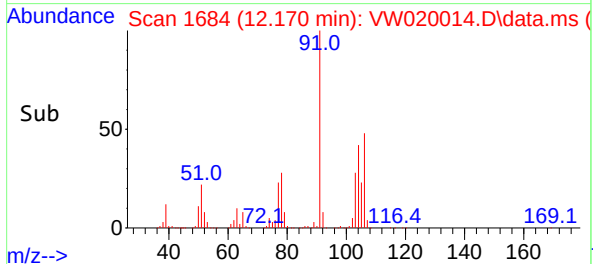
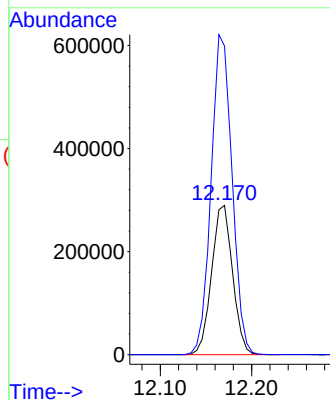
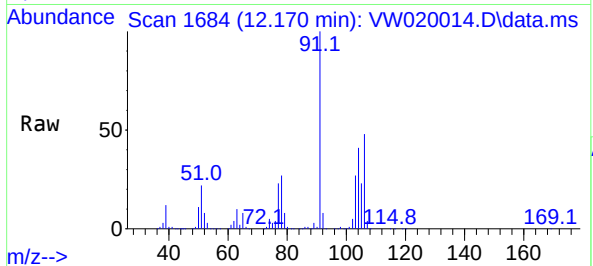




#54
o-Xylene
Concen: 54.904 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

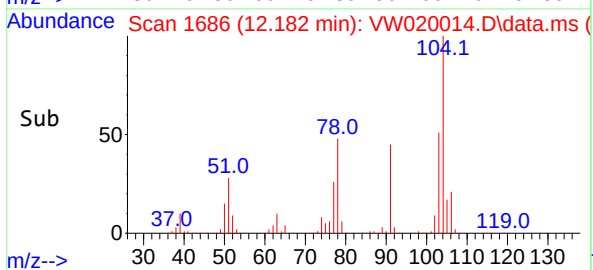
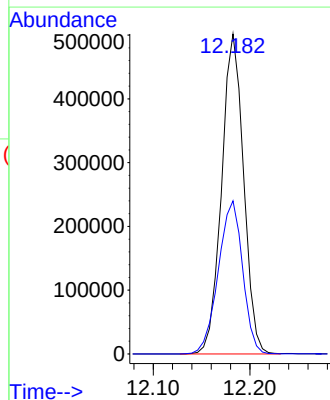
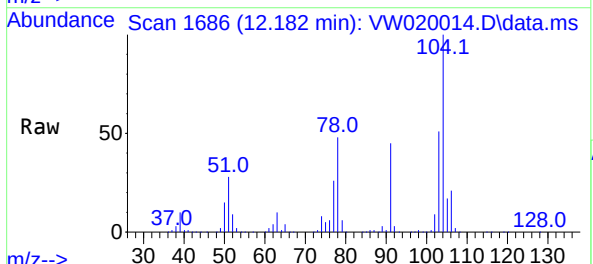
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

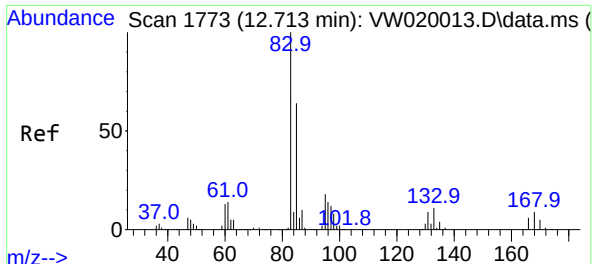
Tgt Ion:106 Resp: 460970
Ion Ratio Lower Upper
106 100
91 206.6 150.0 278.6



#55
Styrene
Concen: 55.047 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:104 Resp: 792358
Ion Ratio Lower Upper
104 100
78 47.8 32.5 60.3



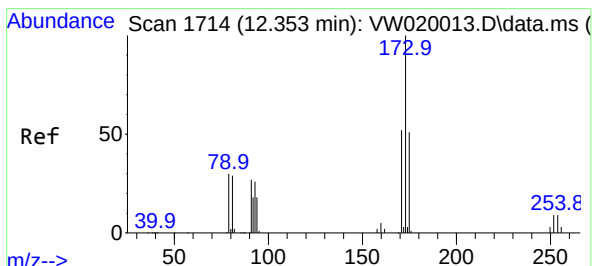
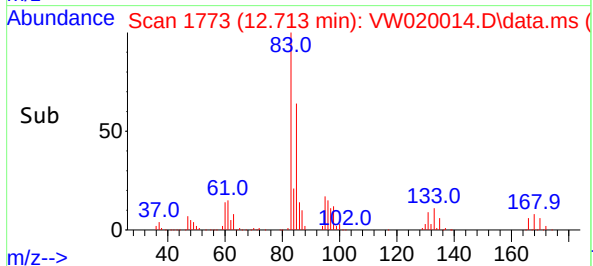
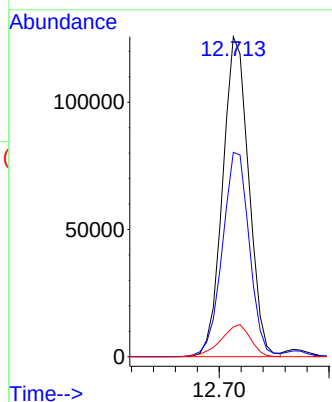
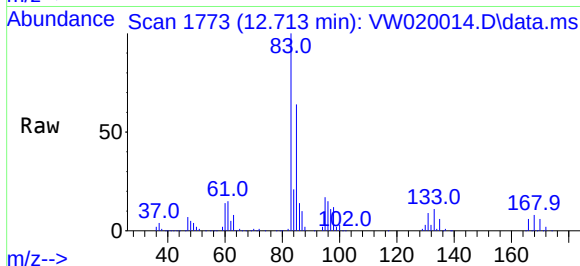


#57
1,1,2,2-Tetrachloroethane
Concen: 45.101 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

Tgt Ion: 83 Resp: 207623

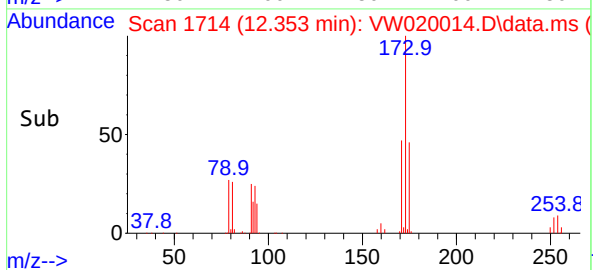
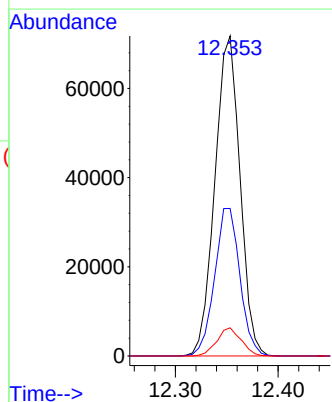
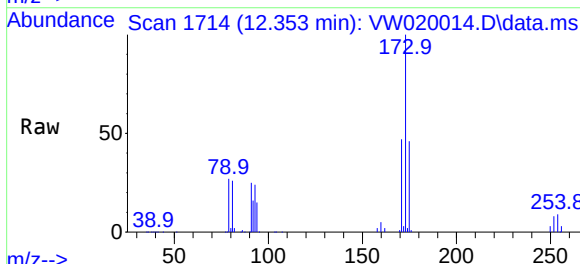
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	9.3	8.2	12.4

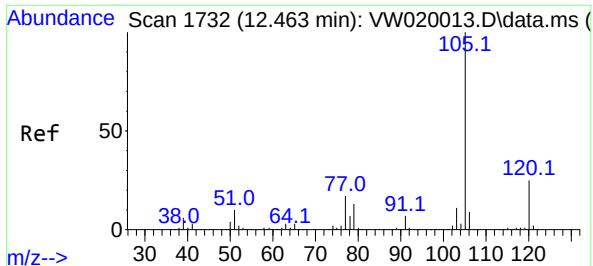


#59
Bromoform
Concen: 49.522 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 173 Resp: 121765

Ion	Ratio	Lower	Upper
173	100		
175	46.4	37.5	56.3
254	8.5	7.0	10.4

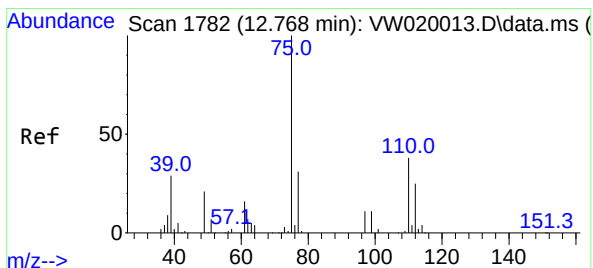
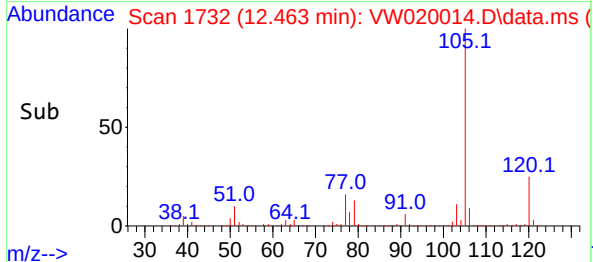
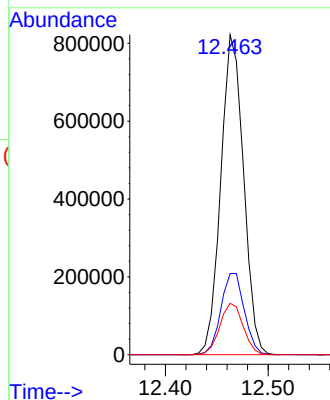
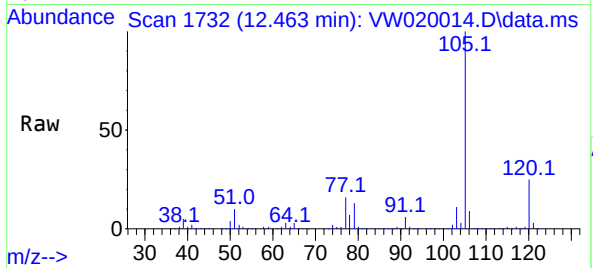




#60
Isopropylbenzene
Concen: 52.311 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

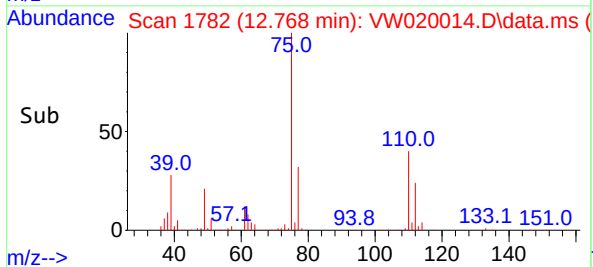
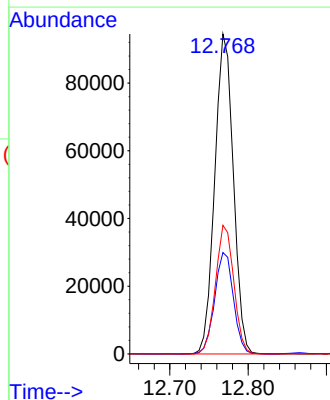
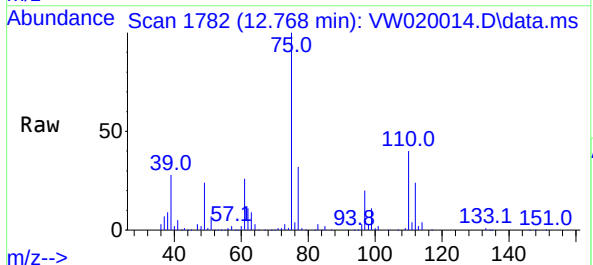
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

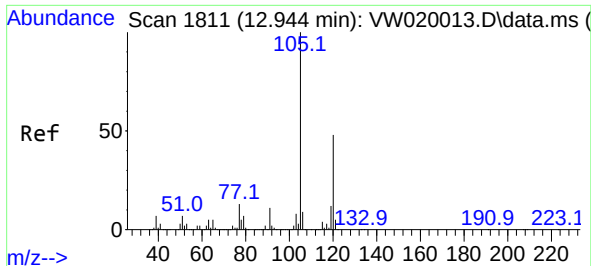
Tgt Ion:105 Resp: 1262048
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 42.709 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion: 75 Resp: 156035
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 39.5 32.6 48.8

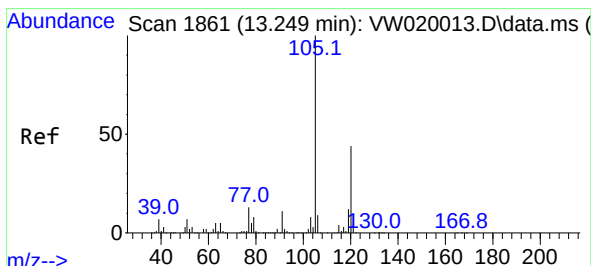
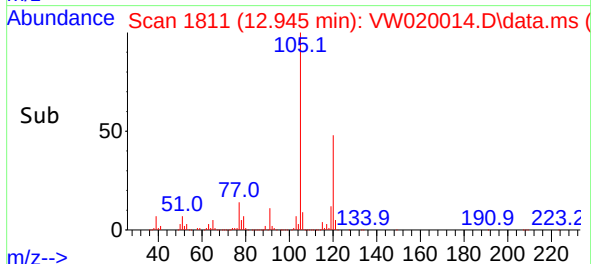
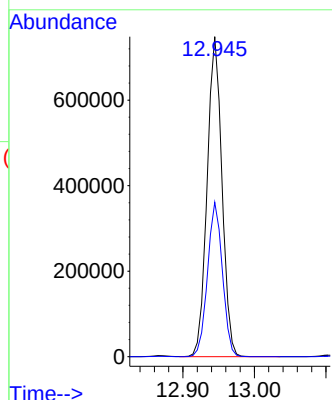
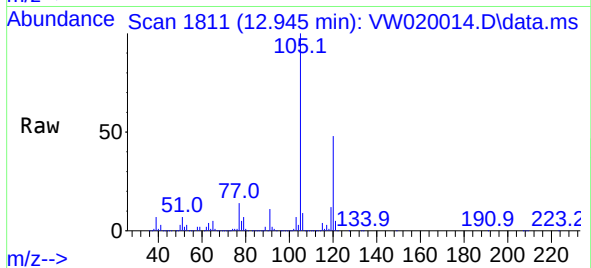




#62
1,3,5-Trimethylbenzene
Concen: 55.823 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

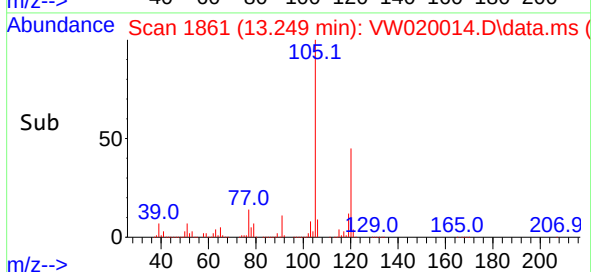
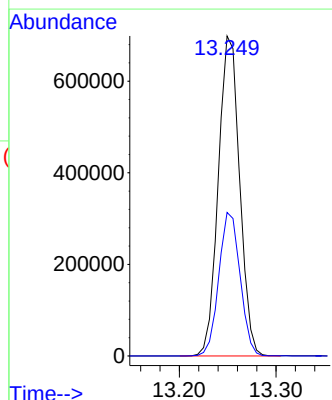
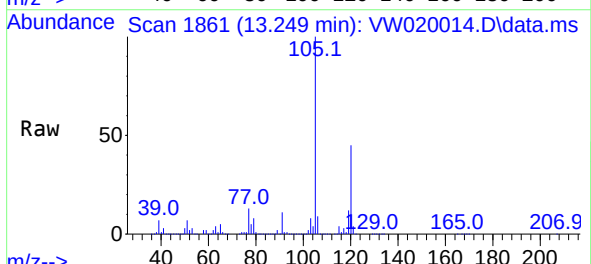
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

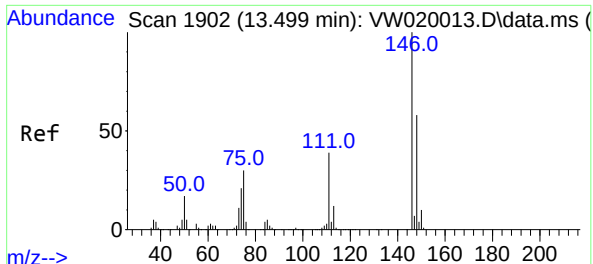
Tgt Ion:105 Resp: 1077578
Ion Ratio Lower Upper
105 100
120 48.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 55.068 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:105 Resp: 1068482
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

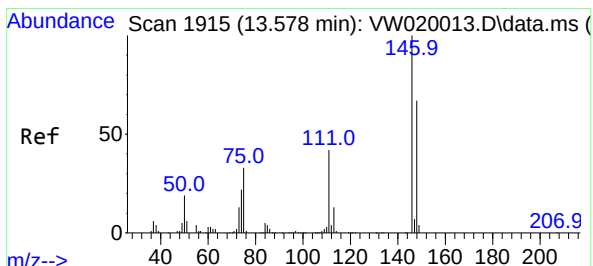
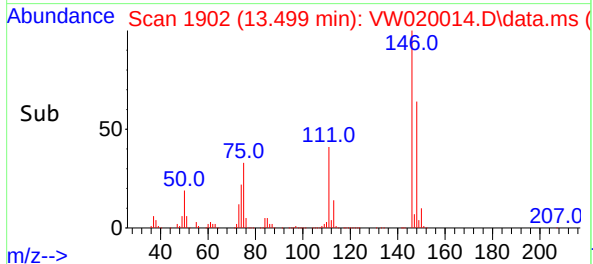
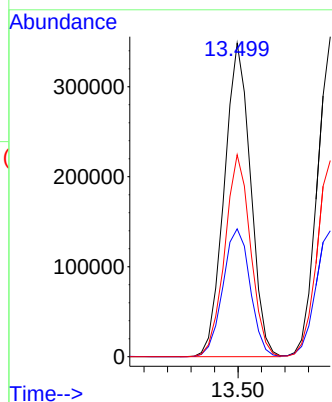
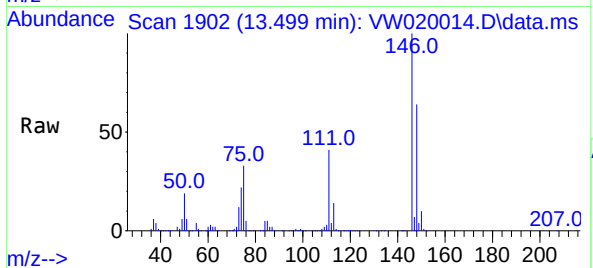




#64
1,3-Dichlorobenzene
Concen: 49.700 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

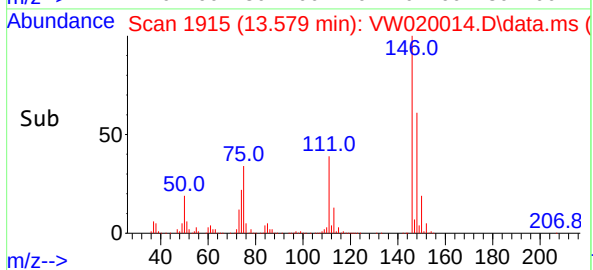
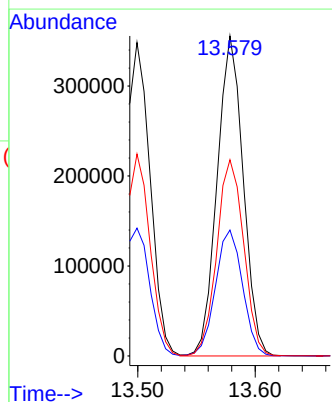
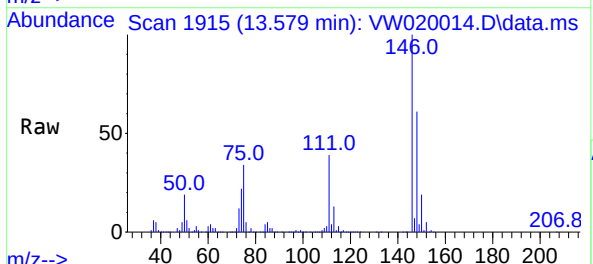
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

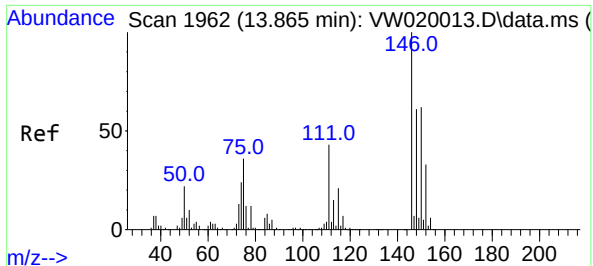
Tgt Ion:146 Resp: 540897
Ion Ratio Lower Upper
146 100
111 40.8 26.7 49.7
148 64.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 49.766 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:146 Resp: 550081
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.4
148 61.3 46.8 87.0



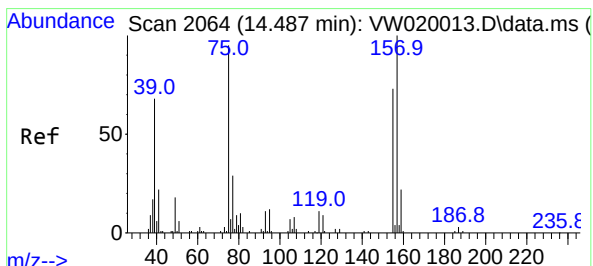
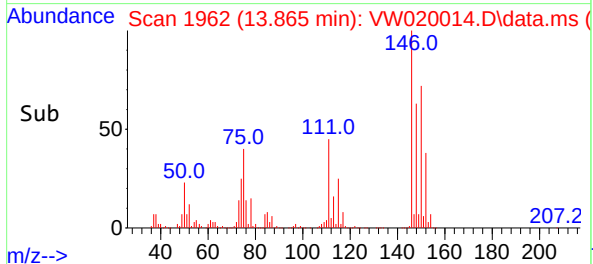
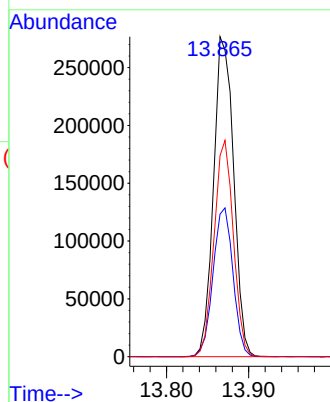
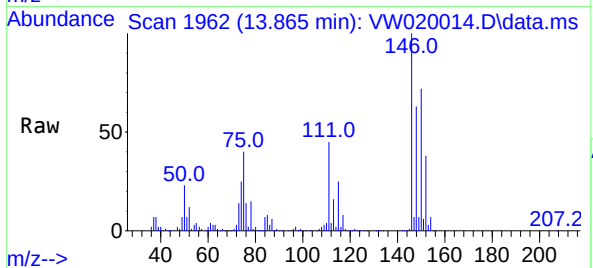


#67

1,2-Dichlorobenzene
Concen: 47.856 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

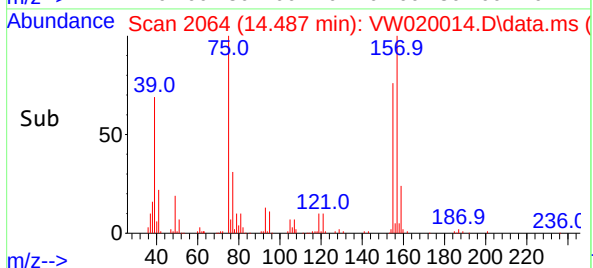
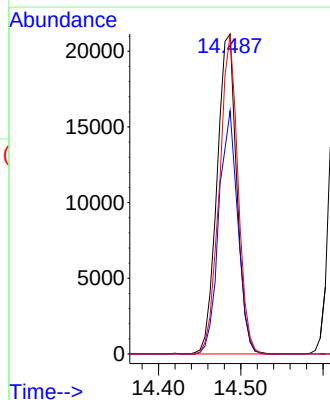
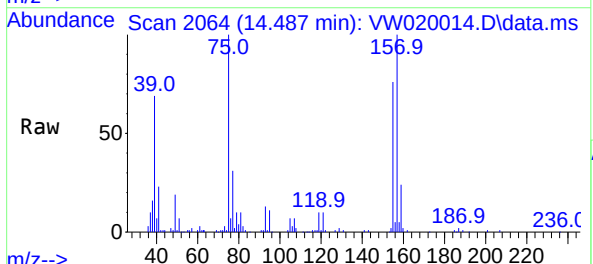
Tgt Ion:146 Resp: 469890
Ion Ratio Lower Upper
146 100
111 44.5 33.2 49.8
148 62.8 50.4 75.6

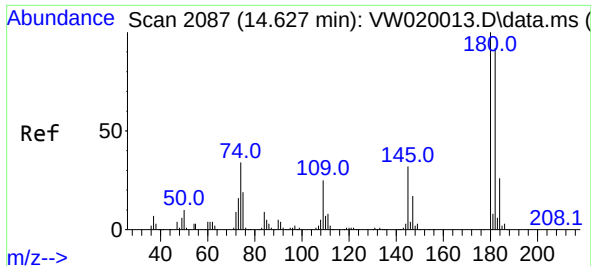


#68

1,2-Dibromo-3-chloropropane
Concen: 42.790 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

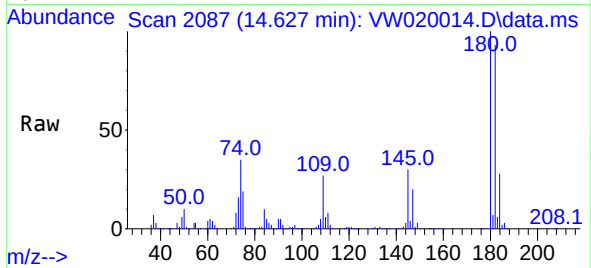
Tgt Ion: 75 Resp: 35165
Ion Ratio Lower Upper
75 100
155 76.0 59.4 89.0
157 99.7 72.2 108.2



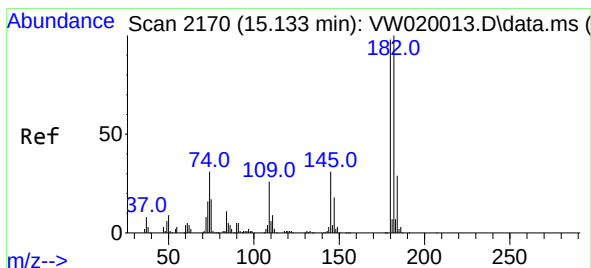
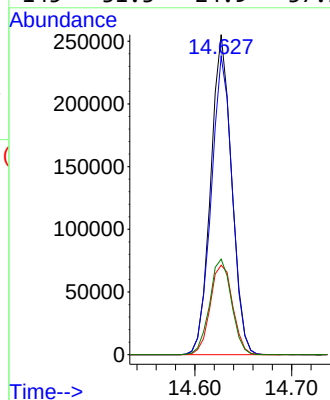
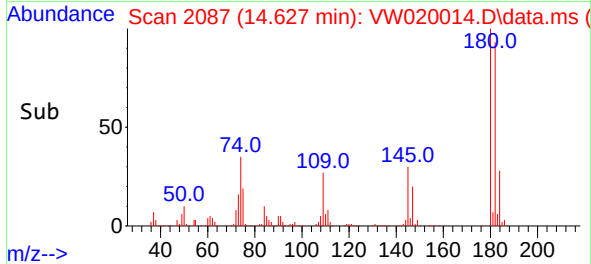


#69
1,3,5-Trichlorobenzene
Concen: 51.663 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

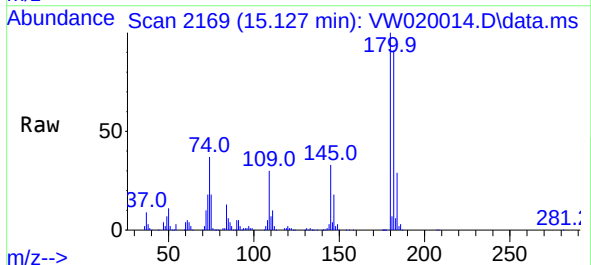
Instrument :
MSVOA_W
ClientSampleId :
VSTD050447



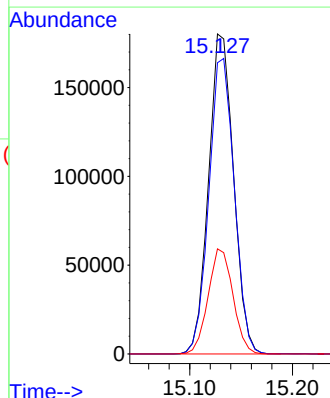
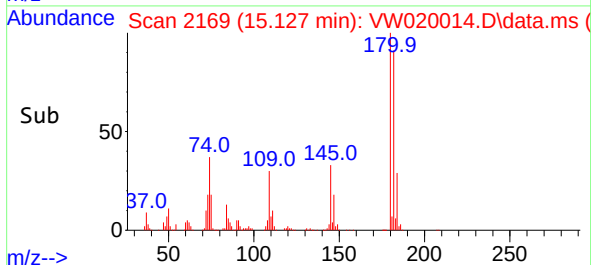
Tgt Ion:180 Resp: 384238
Ion Ratio Lower Upper
180 100
182 93.8 73.4 110.2
184 30.1 23.6 35.4
145 31.3 24.9 37.3

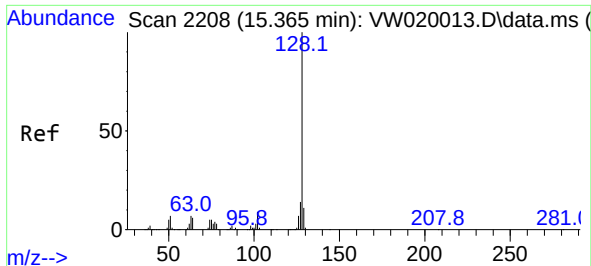


#70
1,2,4-trichlorobenzene
Concen: 52.789 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33



Tgt Ion:180 Resp: 304406
Ion Ratio Lower Upper
180 100
182 93.9 74.7 112.1
145 32.7 25.0 37.4



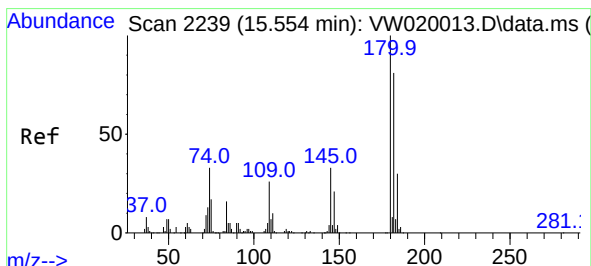
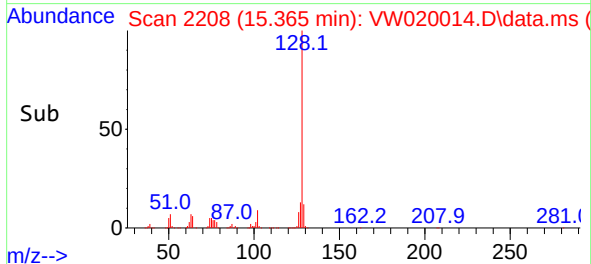
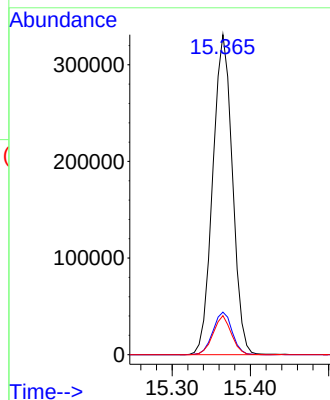
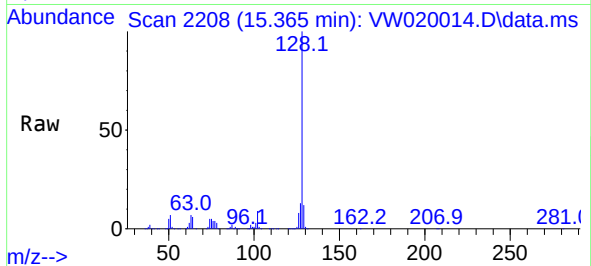


#71
Naphthalene
Concen: 49.348 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD050447

Tgt Ion:128 Resp: 578222

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.3	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 50.231 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020014.D
Acq: 14 Sep 2021 15:33

Tgt Ion:180 Resp: 268528

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.7	115.1
145	35.0	28.9	43.3

