

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020024.D
 Acq On : 14 Sep 2021 22:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Sep 15 03:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285194	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	271201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138763	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115995	24.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
7) Chloroethane-d5	2.898	69	95258	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	4.032	63	177009	23.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.080	46	66353	51.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.280%
24) Chloroform-d	7.653	84	182715	23.251	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.311	65	108742	23.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.281	84	351540	23.758	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	9.274	67	100480	22.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.323	98	327677	23.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	10.579	79	48257	23.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.600%
47) 2-Hexanone-d5	10.927	63	49557	55.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107828	24.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	109699	23.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	68372	23.121	ug/L	94
3) Chloromethane	2.221	50	86197	21.645	ug/L	98
5) Vinyl chloride	2.373	62	155749	24.999	ug/L	100
6) Bromomethane	2.788	94	104891	24.024	ug/L	98
8) Chloroethane	2.934	64	96179	25.308	ug/L	99
9) Trichlorofluoromethane	3.269	101	82209	22.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	105422	25.783	ug/L	96
12) 1,1-Dichloroethene	4.044	96	95438	24.658	ug/L	85
13) Acetone	4.123	43	58468	47.910	ug/L	94
14) Carbon disulfide	4.397	76	321327	25.424	ug/L	99
15) Methyl Acetate	4.672	43	61144	28.728	ug/L	100
16) Methylene chloride	4.922	84	107756	21.443	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	102082	25.034	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	132693	26.057	ug/L	99
19) 1,1-Dichloroethane	6.226	63	183037	25.094	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	108759	25.831	ug/L	94
22) 2-Butanone	7.171	43	83363	54.507	ug/L	98
23) Bromochloromethane	7.519	128	50514	25.911	ug/L	92
25) Chloroform	7.683	83	192963	25.185	ug/L	98

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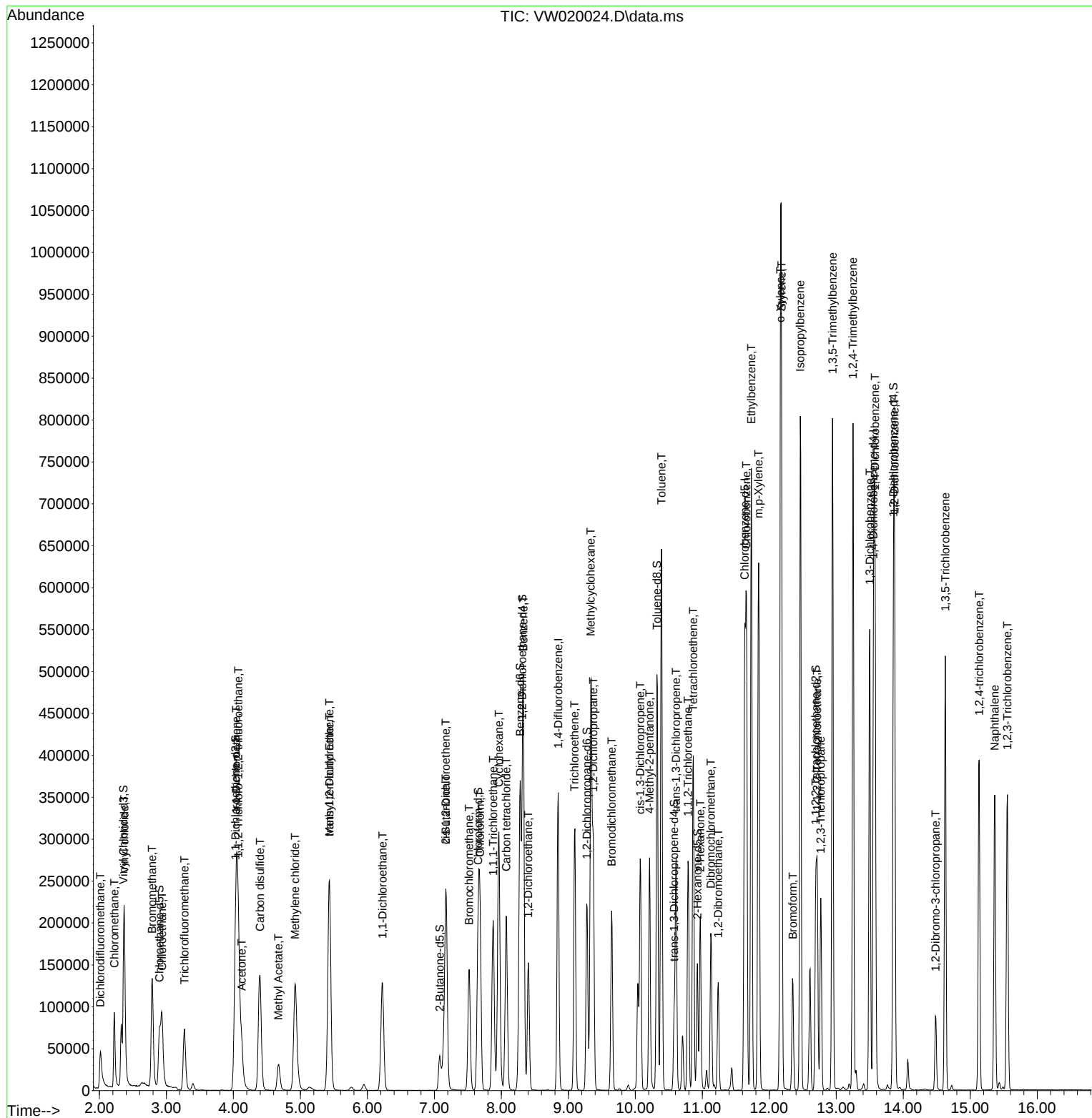
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140511	26.211	ug/L	100
29) Cyclohexane	7.964	56	163331	26.750	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	161125	25.349	ug/L	99
31) Carbon tetrachloride	8.073	117	148712	25.079	ug/L	97
33) Benzene	8.330	78	425565	26.067	ug/L	100
34) Trichloroethene	9.092	95	107210	24.801	ug/L	92
35) Methylcyclohexane	9.335	83	193639	26.565	ug/L	98
37) 1,2-Dichloropropane	9.372	63	104036	26.325	ug/L	99
38) Bromodichloromethane	9.646	83	137221	25.740	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	157350	26.378	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	168038	59.607	ug/L	99
42) Toluene	10.390	91	463401	26.607	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	147529	26.119	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	84822	26.835	ug/L	95
46) Tetrachloroethene	10.866	164	84665	25.313	ug/L	98
48) 2-Hexanone	10.969	43	124246	61.484	ug/L	97
49) Dibromochloromethane	11.128	129	95723	26.354	ug/L	97
50) 1,2-Dibromoethane	11.238	107	82910	26.670	ug/L	97
51) Chlorobenzene	11.658	112	288396	25.541	ug/L	99
52) Ethylbenzene	11.731	91	497700	26.164	ug/L	97
53) m,p-Xylene	11.841	106	193969	26.802	ug/L	97
54) o-Xylene	12.164	106	181598	26.589	ug/L	98
55) Styrene	12.182	104	316986	26.993	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	117189	28.290	ug/L	98
59) Bromoform	12.353	173	58000	27.618	ug/L	98
60) Isopropylbenzene	12.463	105	495520	26.923	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89829	27.684	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	411002	27.450	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	402855	27.401	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	211843	25.031	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	219598	25.459	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	206873	26.821	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	22761	29.075	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	150037	25.630	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	123325	26.903	ug/L	97
71) Naphthalene	15.365	128	289935	29.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	118252	27.483	ug/L	94

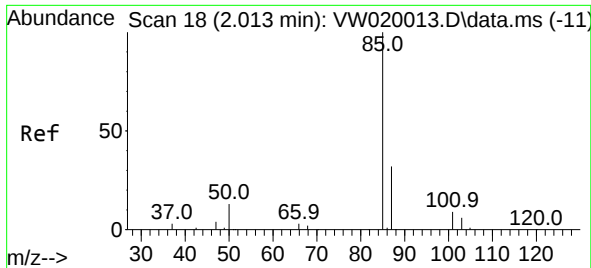
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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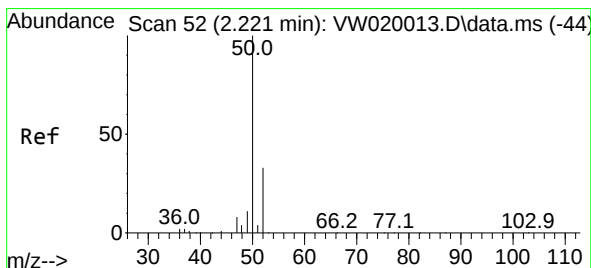
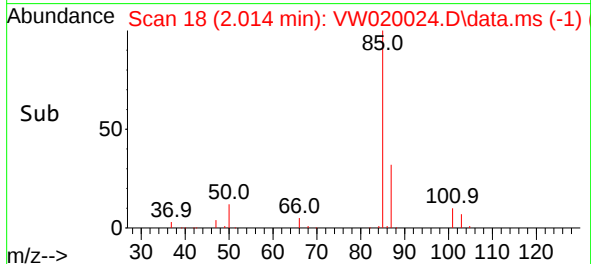
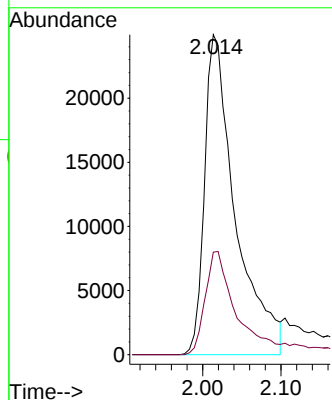
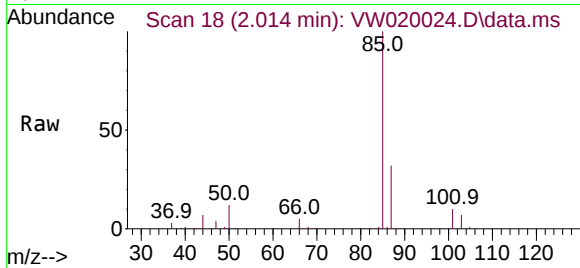




#2
Dichlorodifluoromethane
Concen: 23.121 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

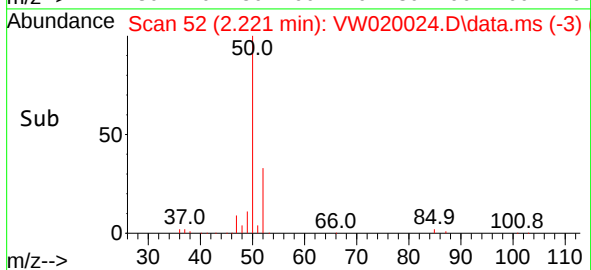
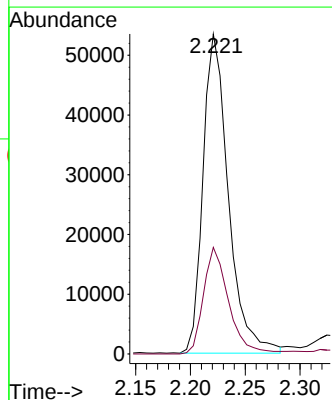
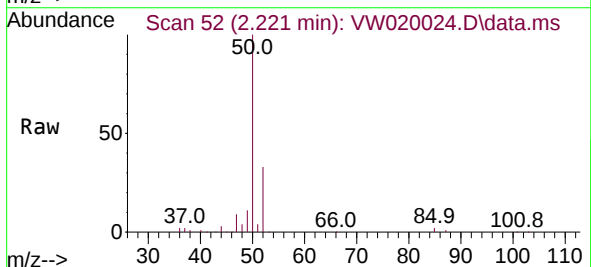
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MSVOA_W
ClientSampleId :
VSTD025535

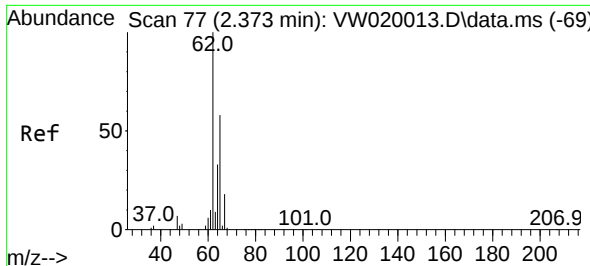
Tgt Ion: 85 Resp: 68372
Ion Ratio Lower Upper
85 100
87 32.1 23.3 34.9



#3
Chloromethane
Concen: 21.645 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 50 Resp: 86197
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.9

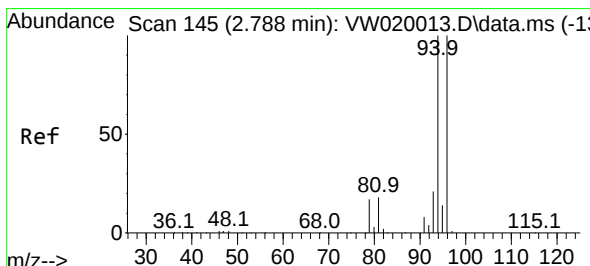
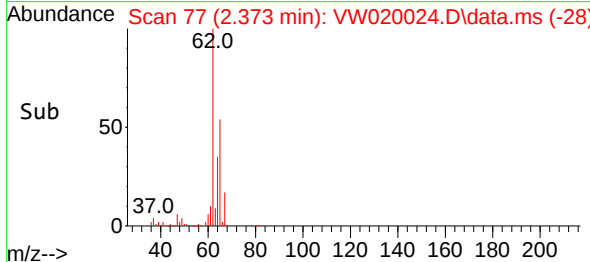
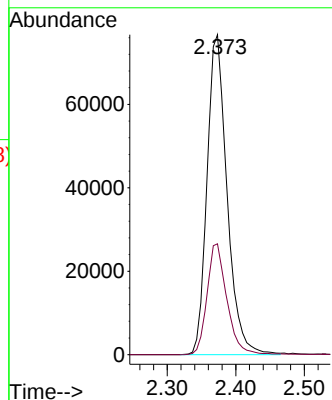
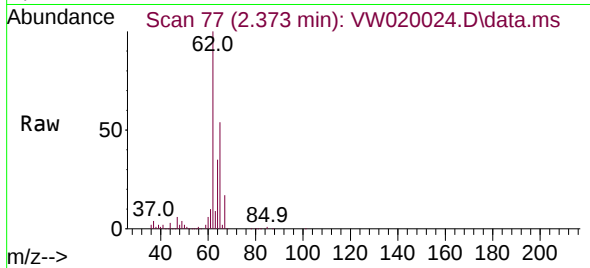




#5
 Vinyl chloride
 Concen: 24.999 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW020024.D
 Acq: 14 Sep 2021 22:19

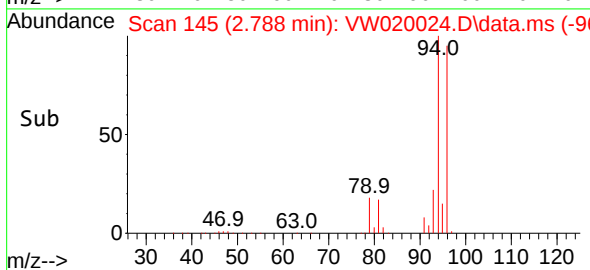
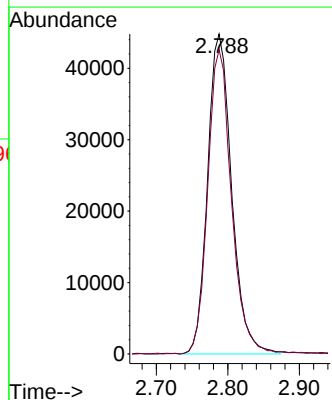
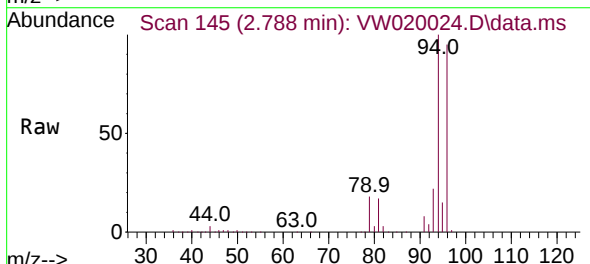
Instrument :
 MSVOA_W
 ClientSampleId :
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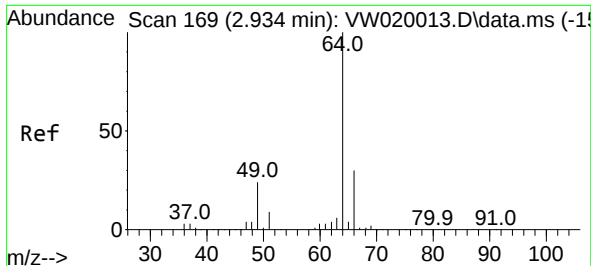
Tgt Ion: 62 Resp: 155749
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.2 45.0



#6
 Bromomethane
 Concen: 24.024 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW020024.D
 Acq: 14 Sep 2021 22:19

Tgt Ion: 94 Resp: 104891
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.3 121.3





#8

Chloroethane

Concen: 25.308 ug/L

RT: 2.934 min Scan# 169

Delta R.T. 0.000 min

Lab File: VW020024.D

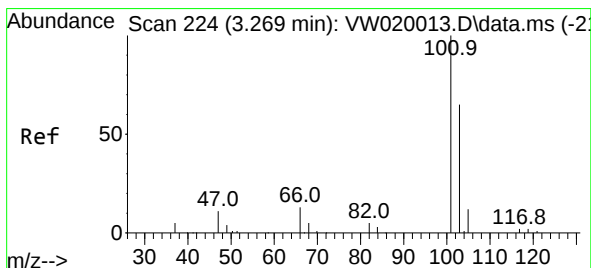
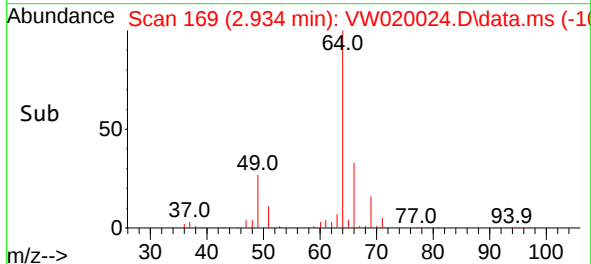
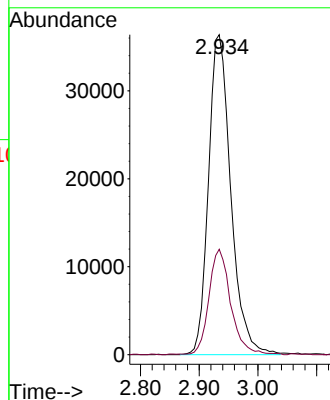
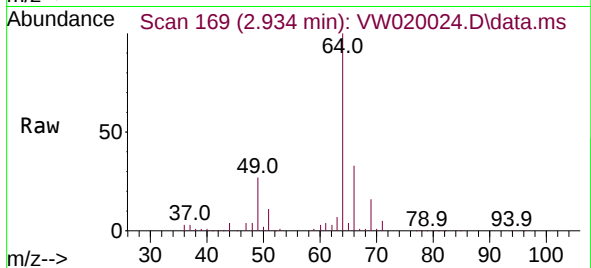
Acq: 14 Sep 2021 22:19

Tgt Ion: 64 Resp: 96179

Ion Ratio Lower Upper

64 100

66 33.0 23.4 43.6



#9

Trichlorofluoromethane

Concen: 22.619 ug/L

RT: 3.269 min Scan# 224

Delta R.T. 0.000 min

Lab File: VW020024.D

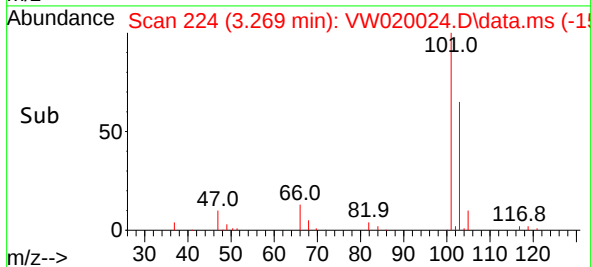
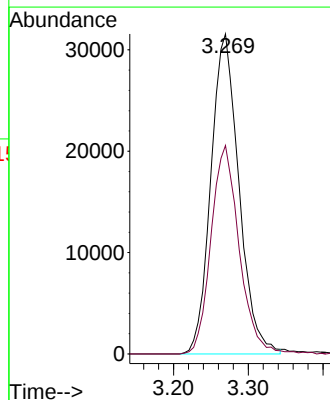
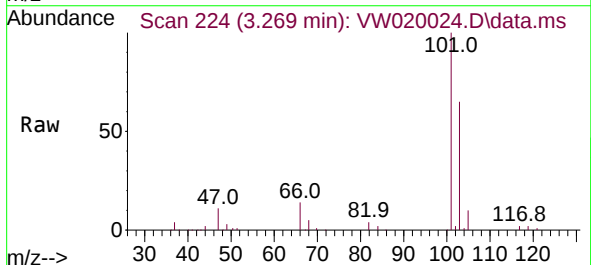
Acq: 14 Sep 2021 22:19

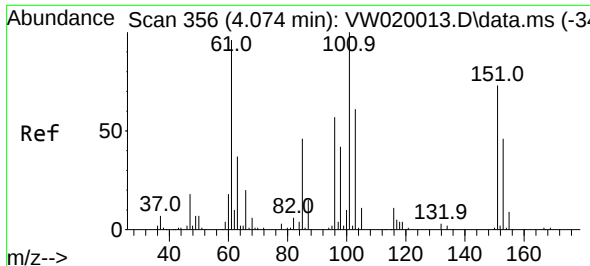
Tgt Ion: 101 Resp: 82209

Ion Ratio Lower Upper

101 100

103 65.2 51.0 76.4

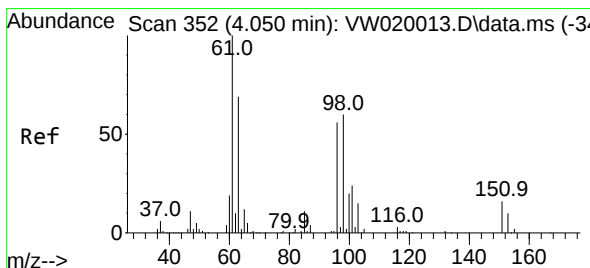
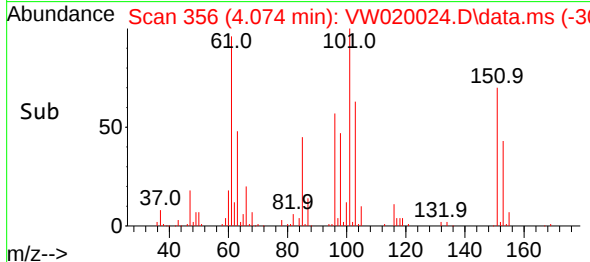
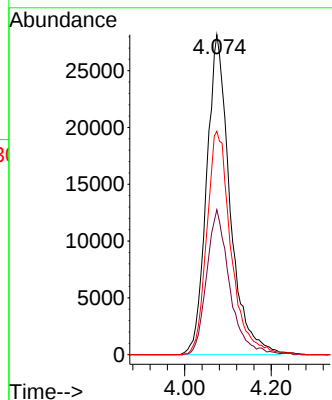
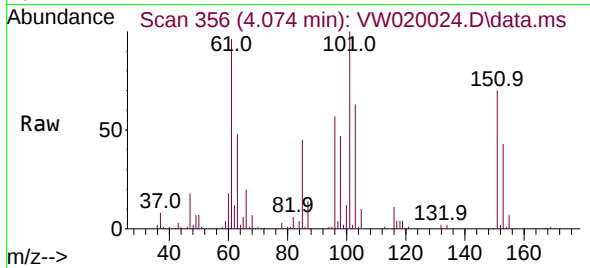




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.783 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW020024.D
 Acq: 14 Sep 2021 22:19

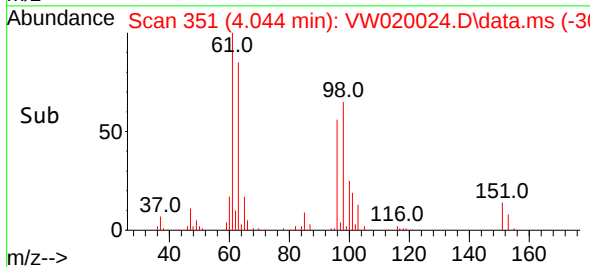
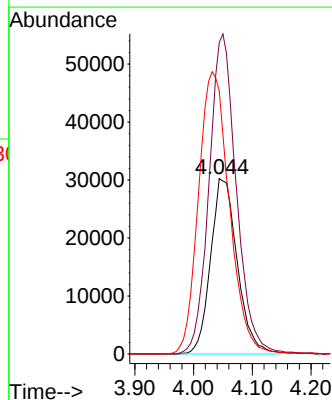
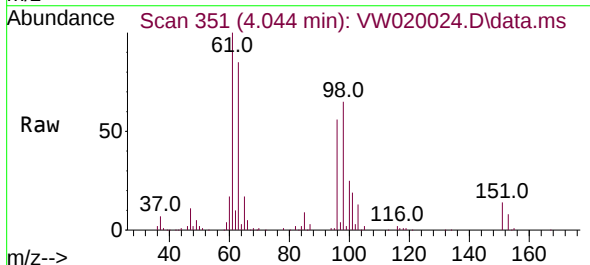
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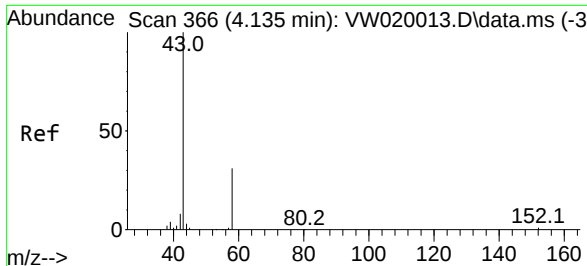
Tgt Ion:101 Resp: 105422
 Ion Ratio Lower Upper
 101 100
 85 43.7 38.2 57.2
 151 72.3 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.658 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW020024.D
 Acq: 14 Sep 2021 22:19

Tgt Ion: 96 Resp: 95438
 Ion Ratio Lower Upper
 96 100
 61 177.6 118.1 219.3
 63 150.2 83.7 155.5

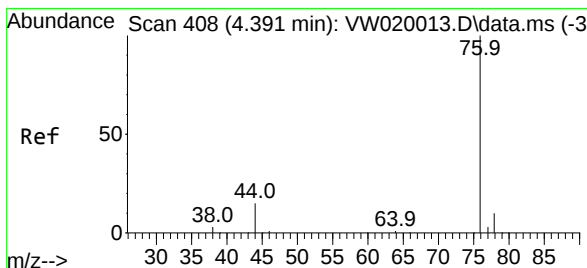
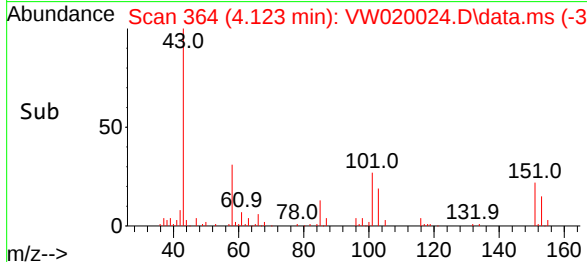
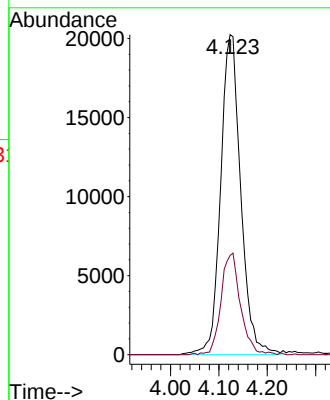
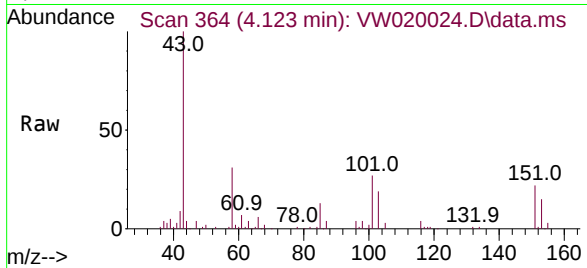




#13
Acetone
Concen: 47.910 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

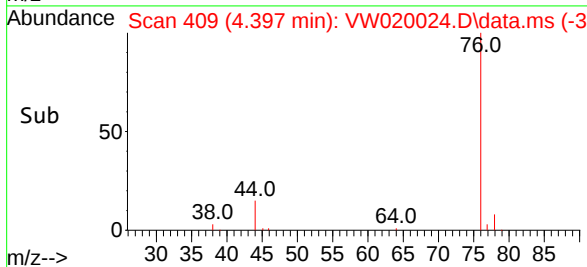
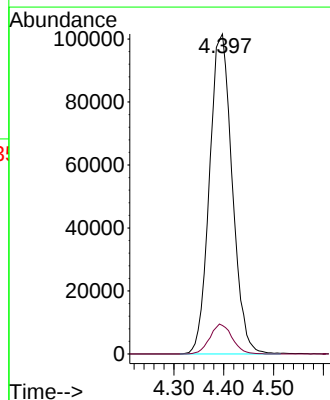
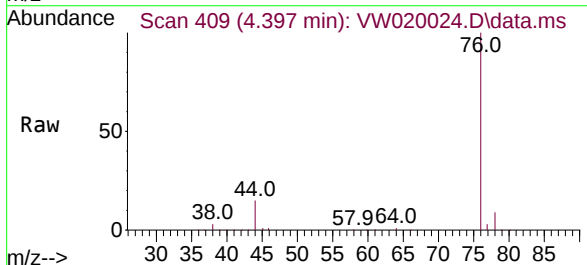
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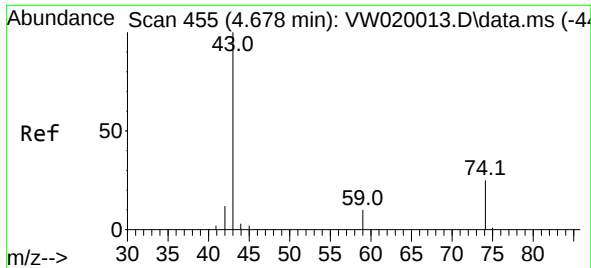
Tgt Ion: 43 Resp: 58468
Ion Ratio Lower Upper
43 100
58 30.0 0.0 53.8



#14
Carbon disulfide
Concen: 25.424 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020024.D
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Tgt Ion: 76 Resp: 321327
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

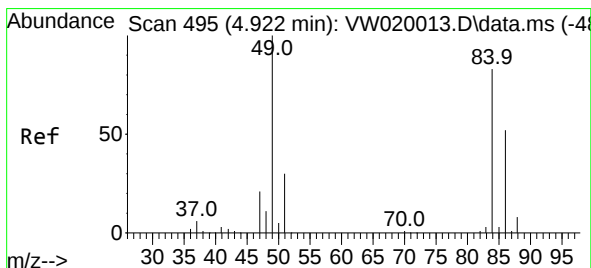
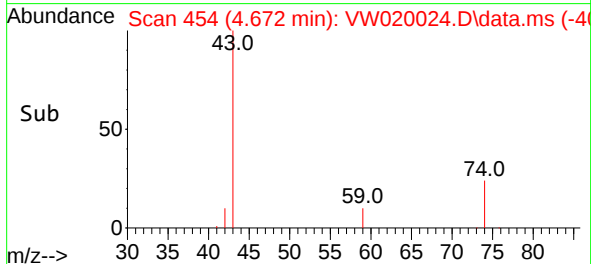
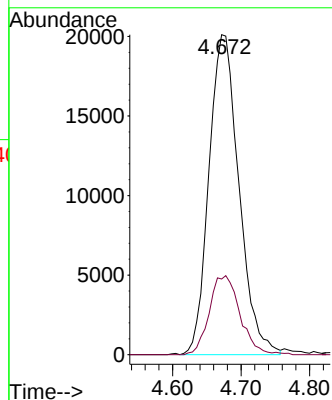
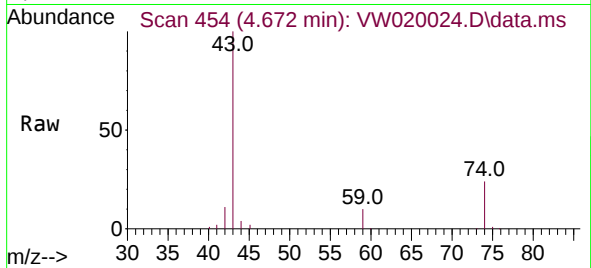




#15
Methyl Acetate
Concen: 28.728 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

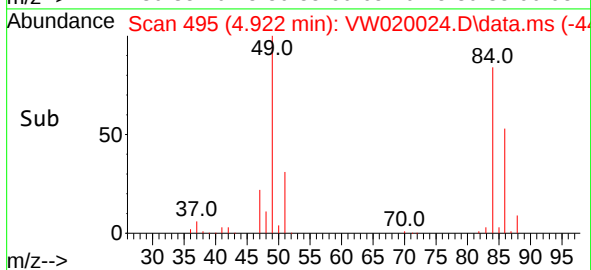
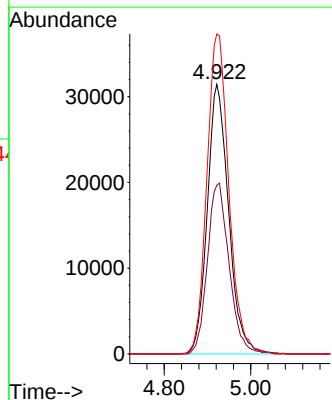
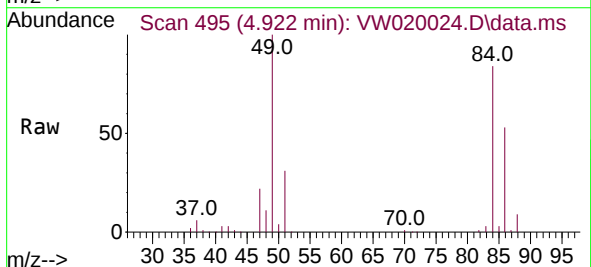
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

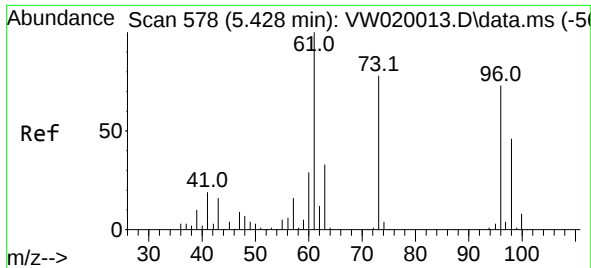
Tgt Ion: 43 Resp: 61144
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 21.443 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 84 Resp: 107756
Ion Ratio Lower Upper
84 100
86 62.6 45.3 84.1
49 118.7 86.6 160.8

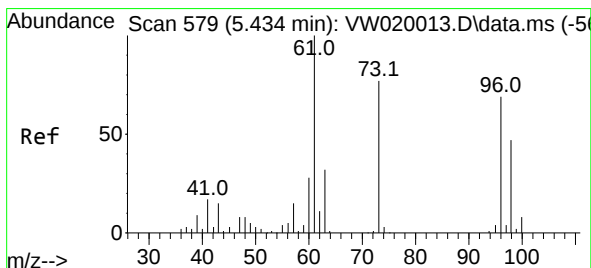
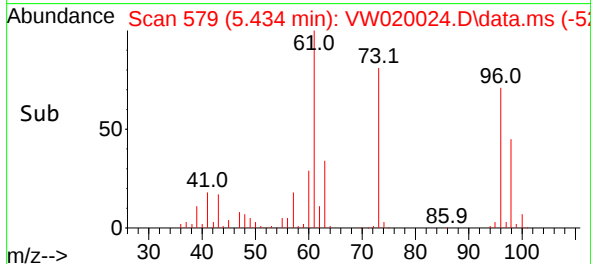
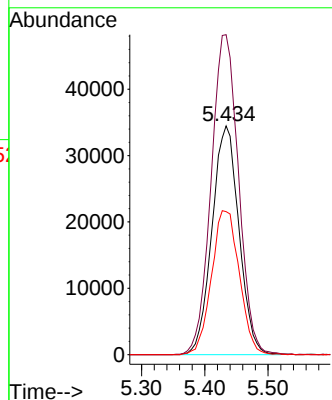
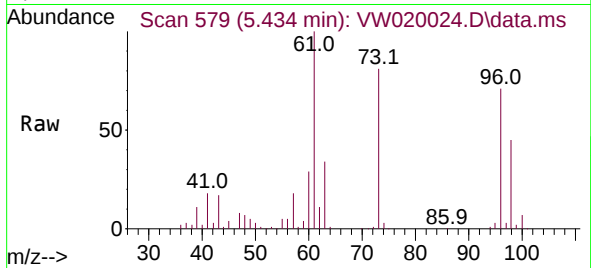




#17
trans-1,2-Dichloroethene
Concen: 25.034 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

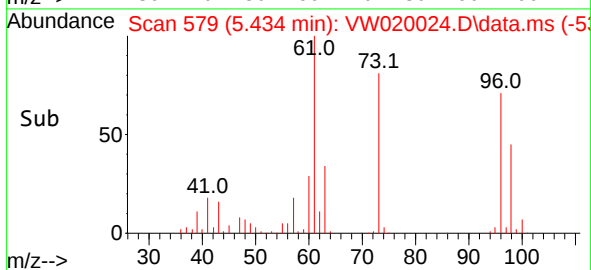
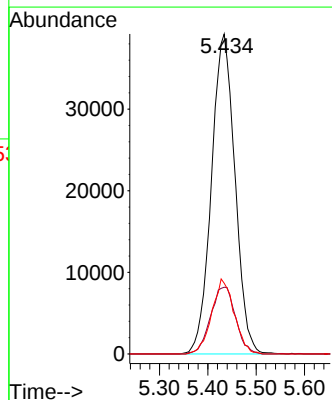
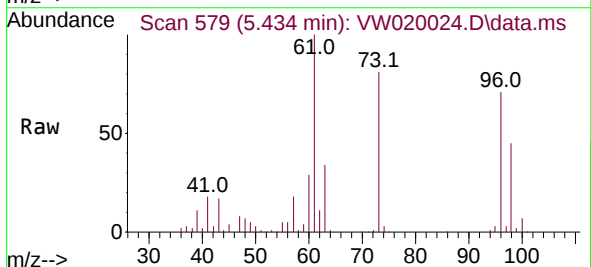
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

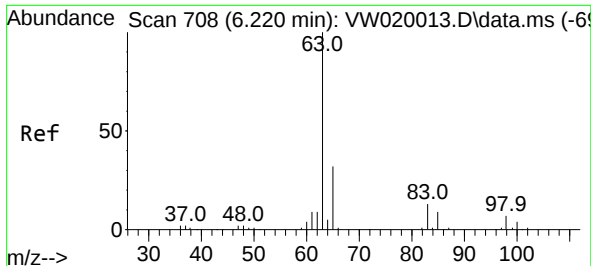
Tgt Ion: 96 Resp: 102082
Ion Ratio Lower Upper
96 100
61 139.9 98.3 182.7
98 62.5 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 26.057 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 73 Resp: 132693
Ion Ratio Lower Upper
73 100
43 22.2 17.7 26.5
57 22.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.094 ug/L

RT: 6.226 min Scan# 709

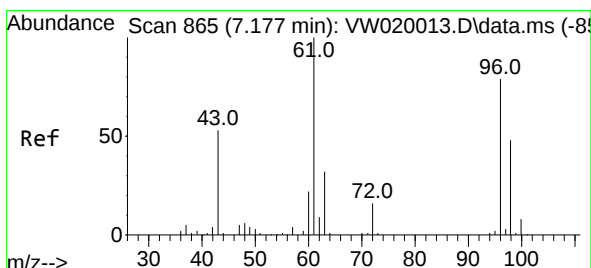
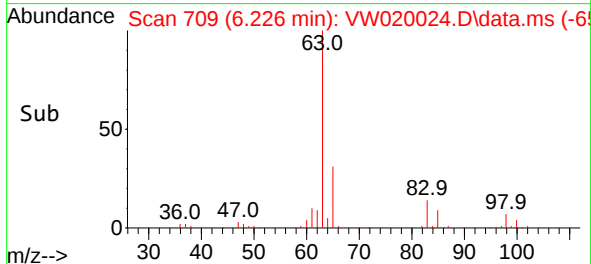
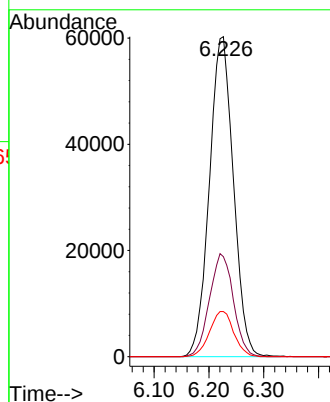
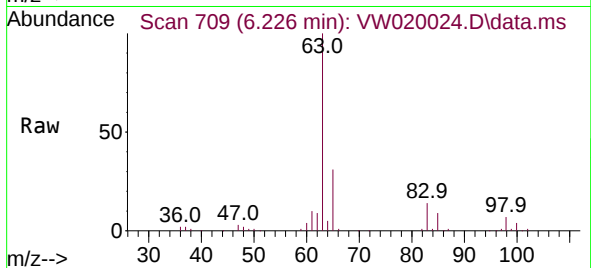
Delta R.T. 0.006 min

Lab File: VW020024.D

Acq: 14 Sep 2021 22:19

Tgt Ion: 63 Resp: 183037

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	42.5
83	14.1	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.831 ug/L

RT: 7.171 min Scan# 864

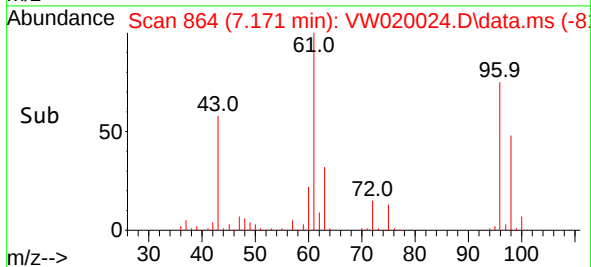
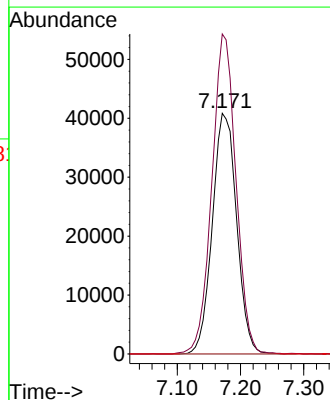
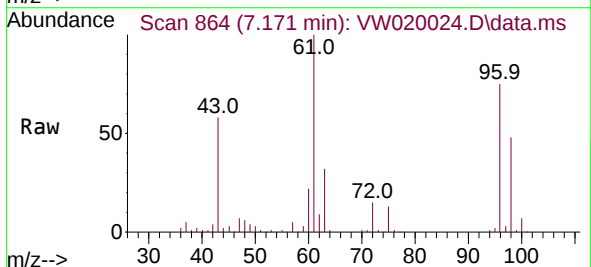
Delta R.T. -0.006 min

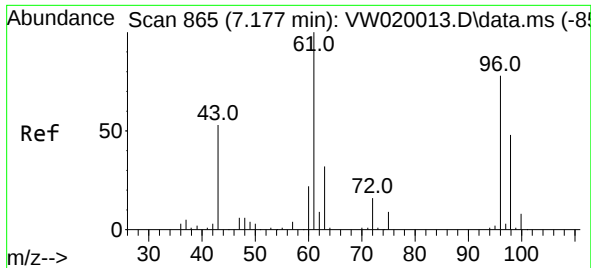
Lab File: VW020024.D

Acq: 14 Sep 2021 22:19

Tgt Ion: 96 Resp: 108759

Ion	Ratio	Lower	Upper
96	100		
61	133.0	88.5	164.3
68	0.0	0.0	0.0

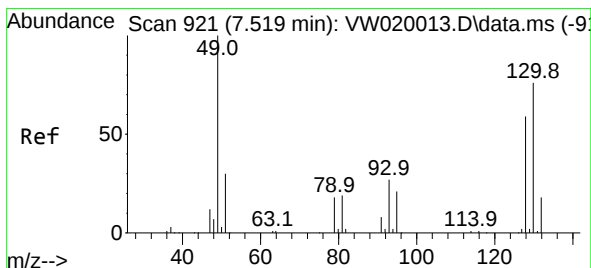
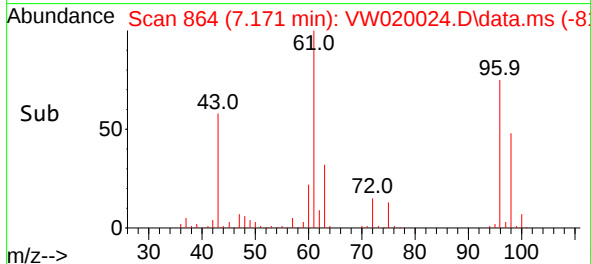
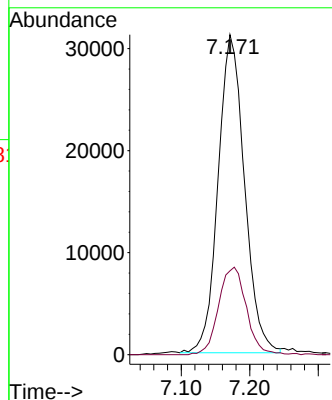
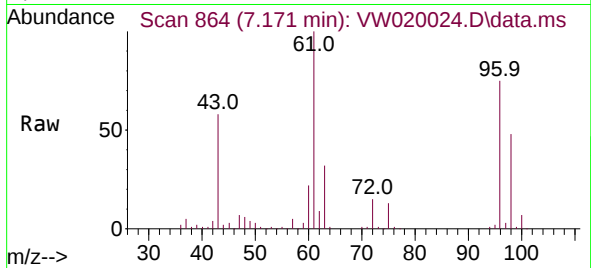




#22
2-Butanone
Concen: 54.507 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

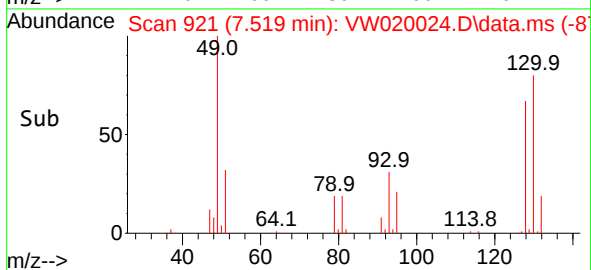
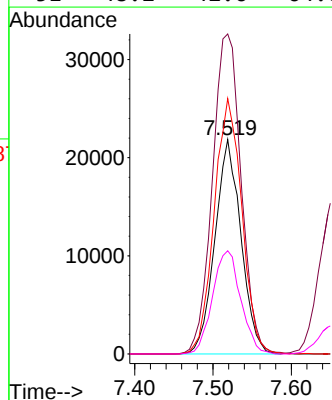
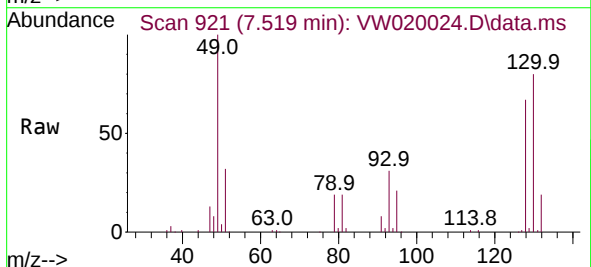
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

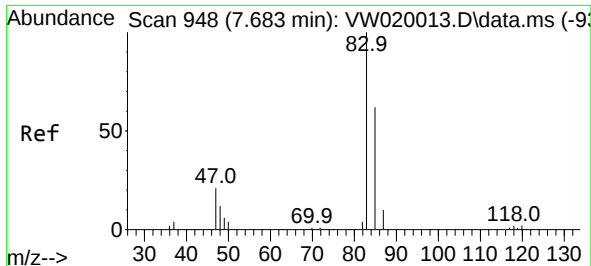
Tgt Ion: 43 Resp: 83363
Ion Ratio Lower Upper
43 100
72 28.8 14.9 44.7



#23
Bromochloromethane
Concen: 25.911 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 128 Resp: 50514
Ion Ratio Lower Upper
128 100
49 149.3 116.3 215.9
130 119.1 82.4 153.0
51 48.2 42.6 64.0

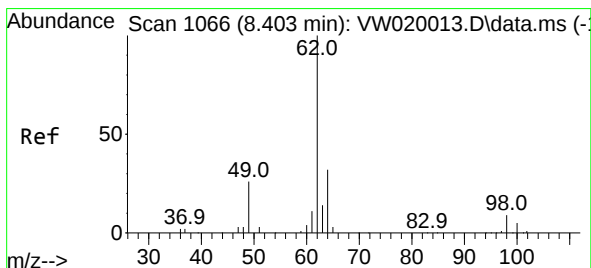
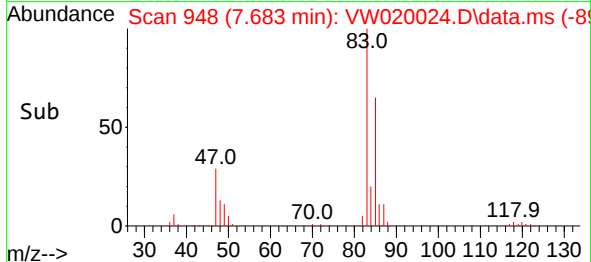
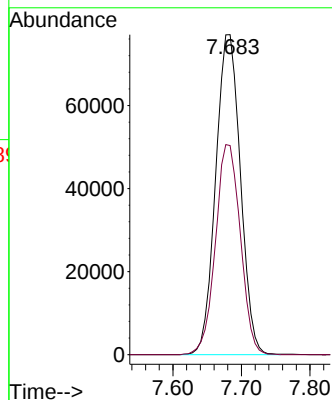
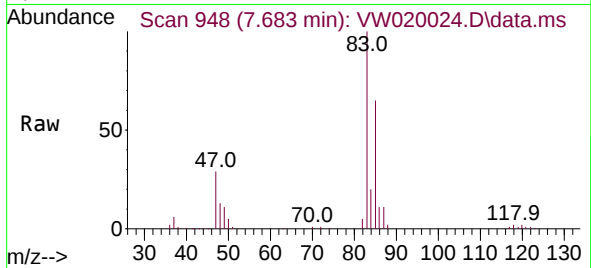




#25
Chloroform
Concen: 25.185 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

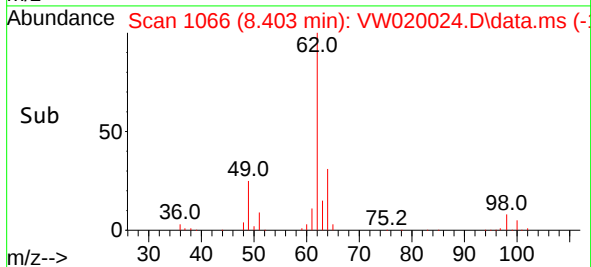
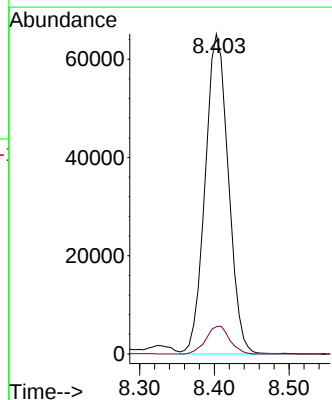
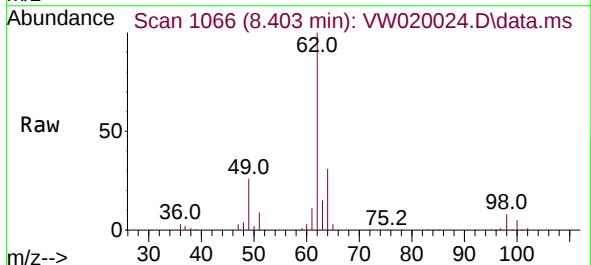
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

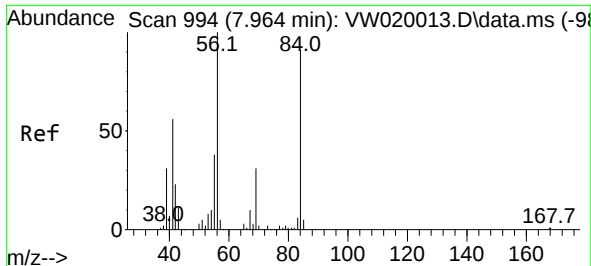
Tgt Ion: 83 Resp: 192963
Ion Ratio Lower Upper
83 100
85 65.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.211 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 62 Resp: 140511
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 26.750 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.000 min

Lab File: VW020024.D

Acq: 14 Sep 2021 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

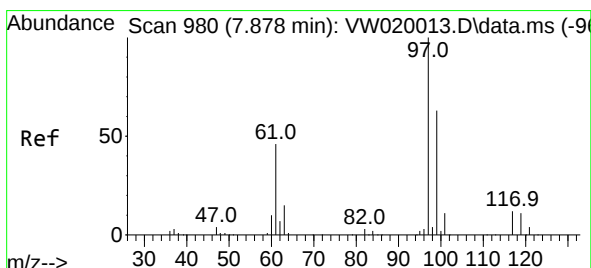
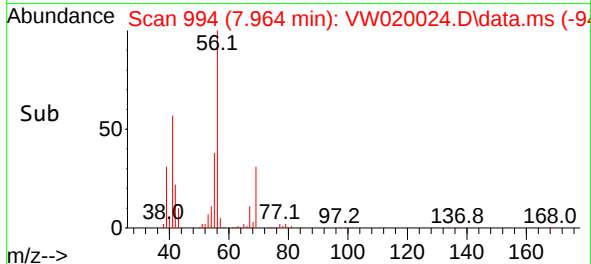
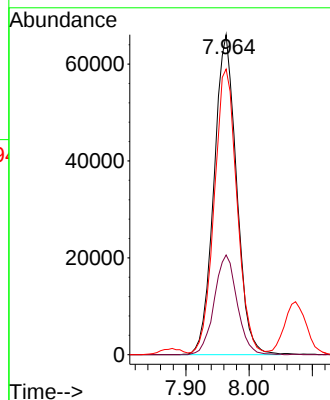
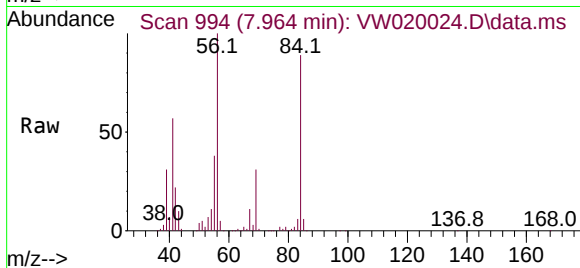
Tgt Ion: 56 Resp: 163331

Ion Ratio Lower Upper

56 100

69 31.5 24.5 36.7

84 90.5 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 25.349 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW020024.D

Acq: 14 Sep 2021 22:19

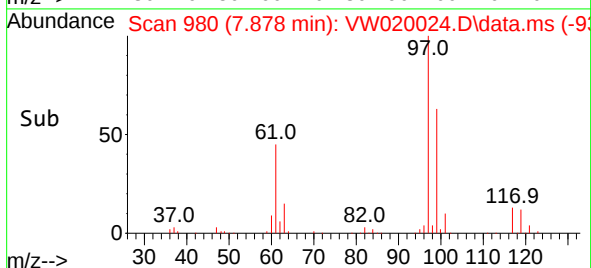
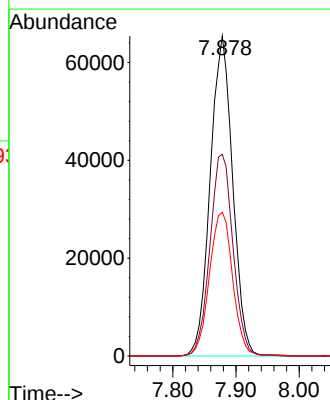
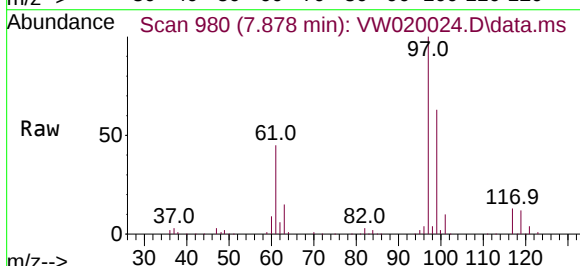
Tgt Ion: 97 Resp: 161125

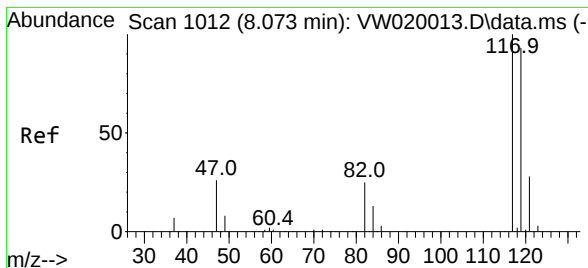
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 46.5 37.8 56.6

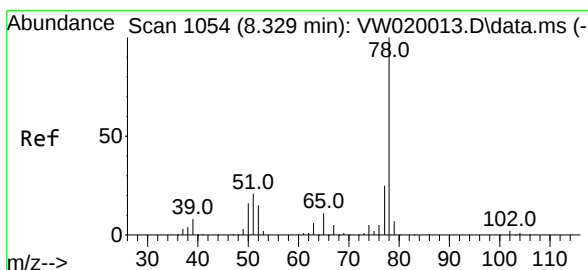
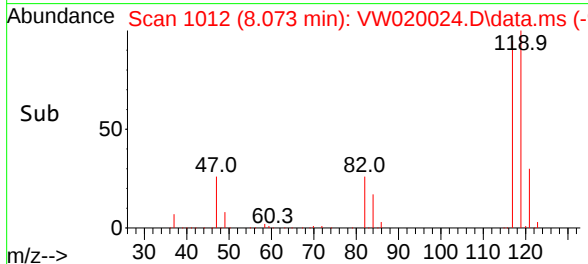
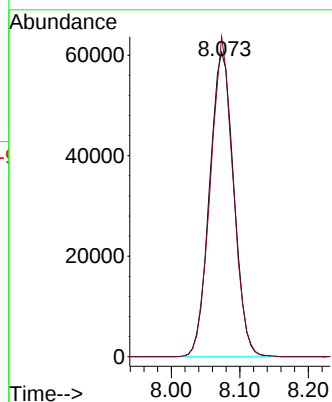
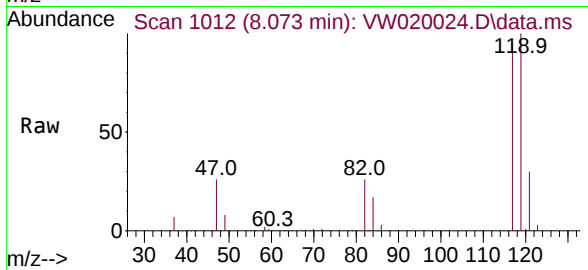




#31
Carbon tetrachloride
Concen: 25.079 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

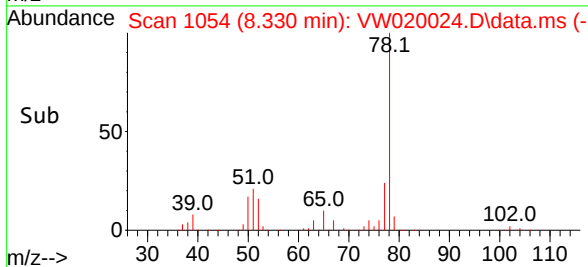
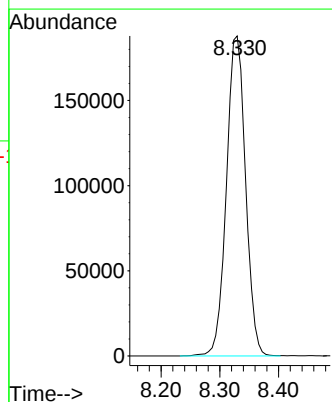
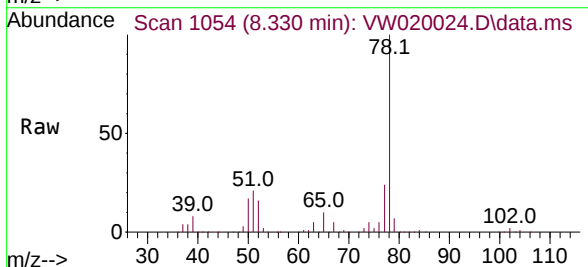
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

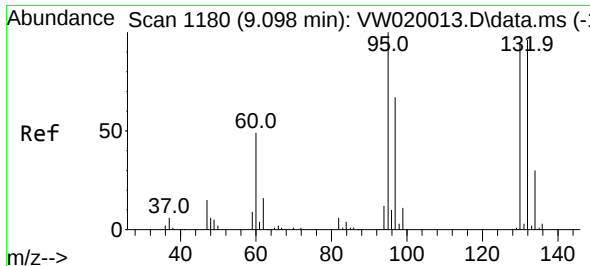
Tgt Ion:117 Resp: 148712
Ion Ratio Lower Upper
117 100
119 98.6 76.5 114.7



#33
Benzene
Concen: 26.067 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 78 Resp: 425565

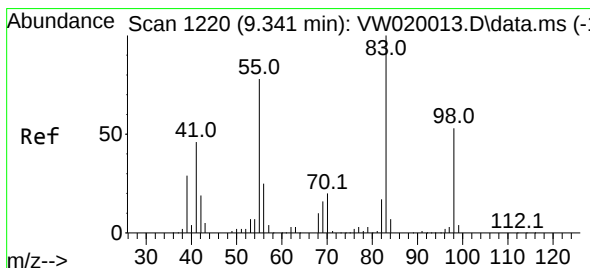
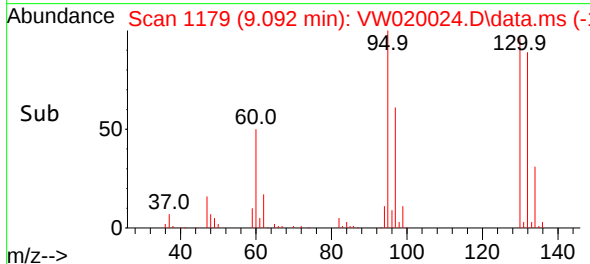
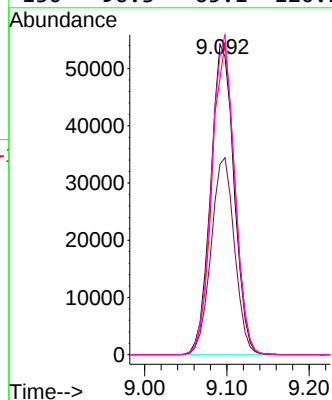
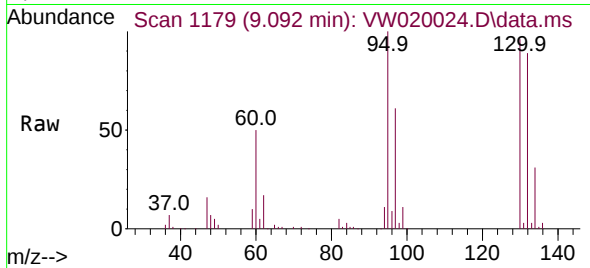




#34
Trichloroethene
Concen: 24.801 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

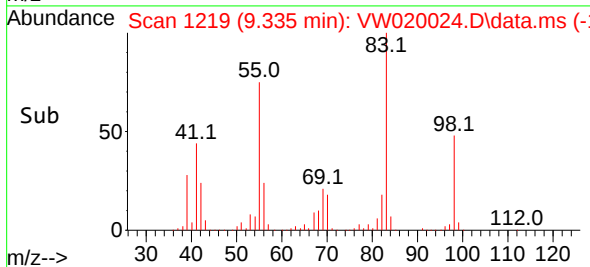
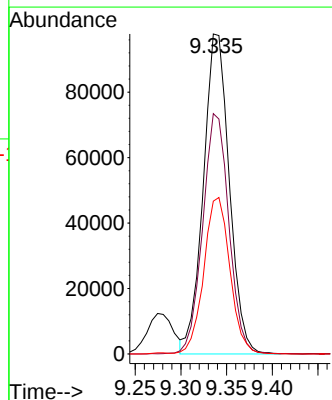
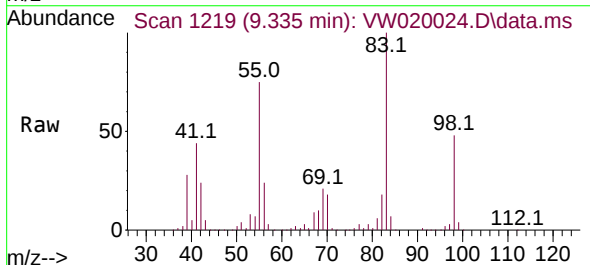
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

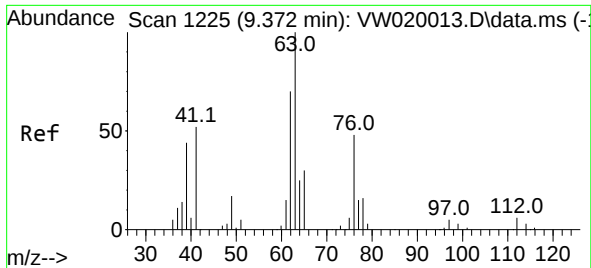
Tgt Ion: 95 Resp: 107210
Ion Ratio Lower Upper
95 100
97 61.4 47.3 87.8
132 89.1 71.0 131.8
130 96.3 65.1 120.9



#35
Methylcyclohexane
Concen: 26.565 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 83 Resp: 193639
Ion Ratio Lower Upper
83 100
55 75.6 58.9 88.3
98 49.3 40.1 60.1

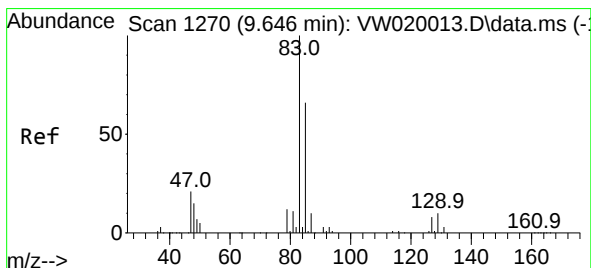
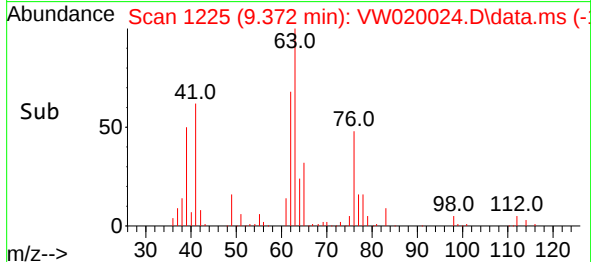
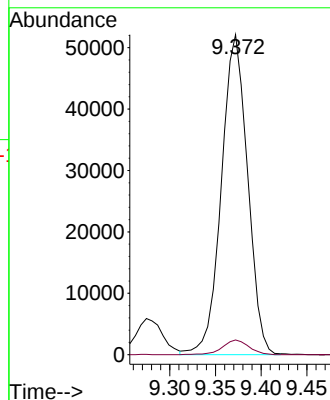
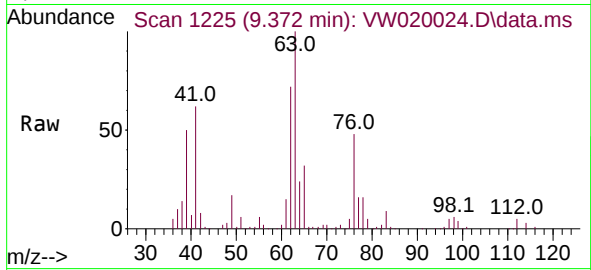




#37
1,2-Dichloropropane
Concen: 26.325 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

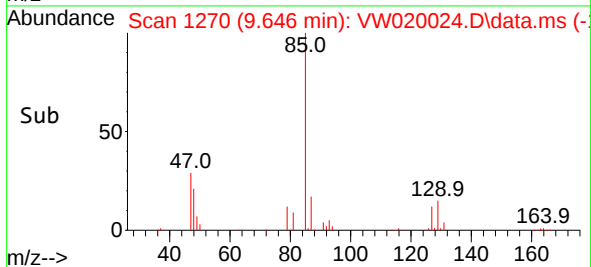
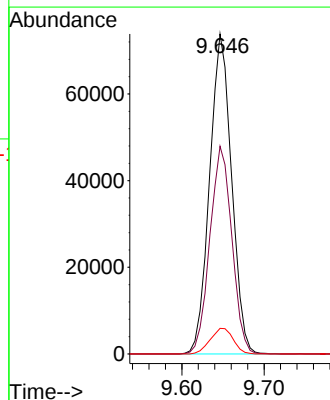
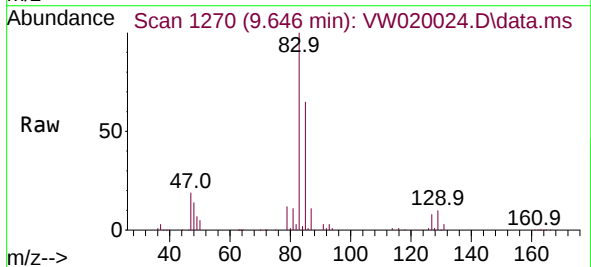
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

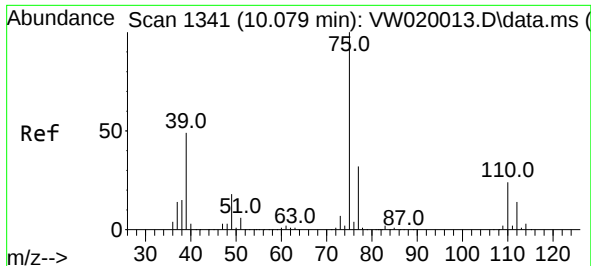
Tgt Ion: 63 Resp: 104036
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 25.740 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 83 Resp: 137221
Ion Ratio Lower Upper
83 100
85 64.9 42.3 78.5
127 8.0 6.6 9.8

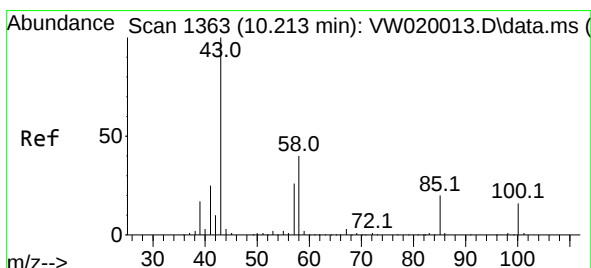
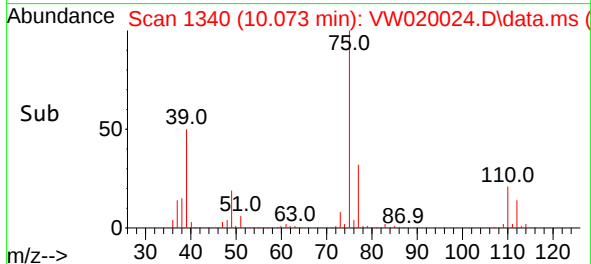
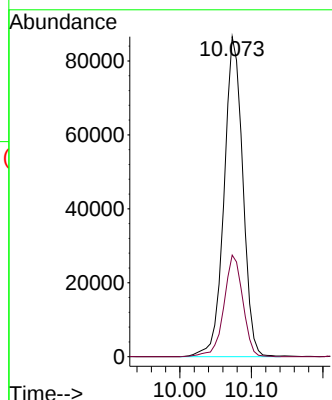
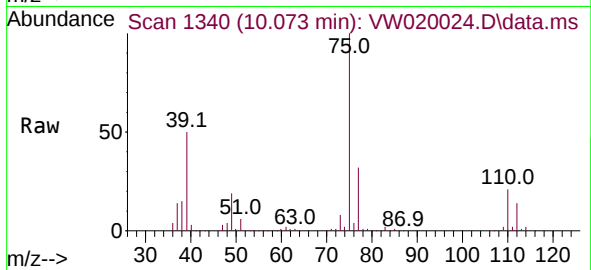




#39
cis-1,3-Dichloropropene
Concen: 26.378 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

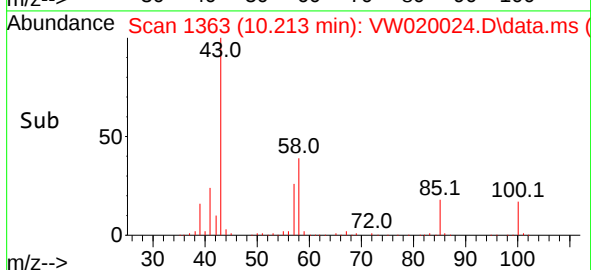
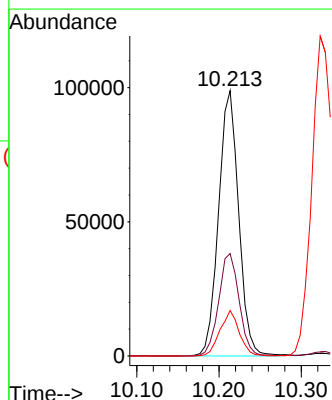
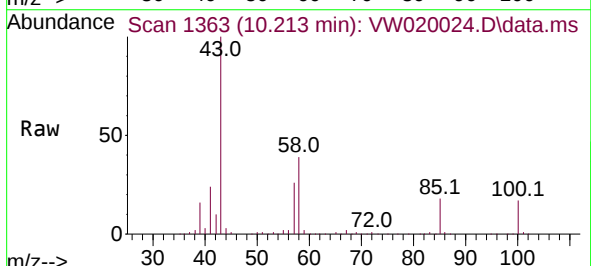
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

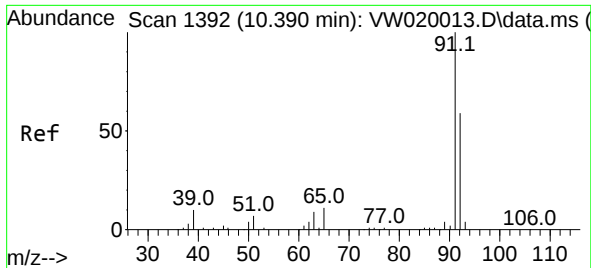
Tgt Ion: 75 Resp: 157350
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 59.607 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 43 Resp: 168038
Ion Ratio Lower Upper
43 100
58 39.3 31.0 46.4
100 16.4 13.0 19.6

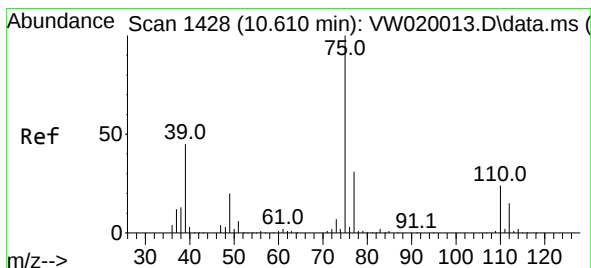
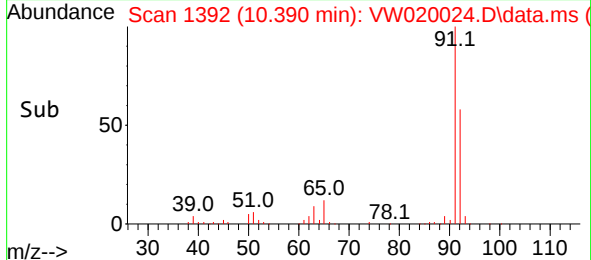
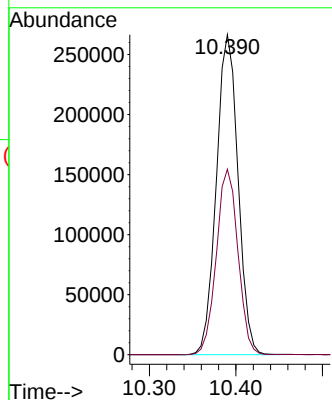
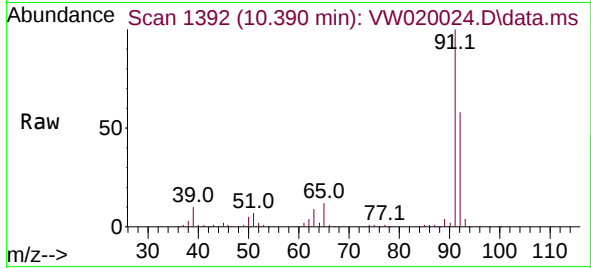




#42
Toluene
Concen: 26.607 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

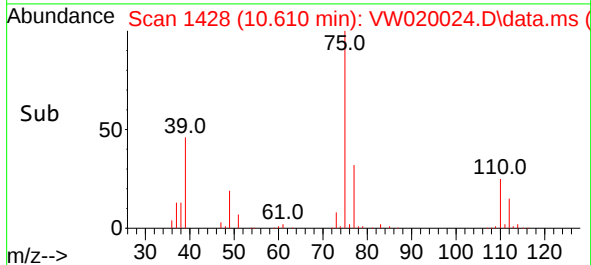
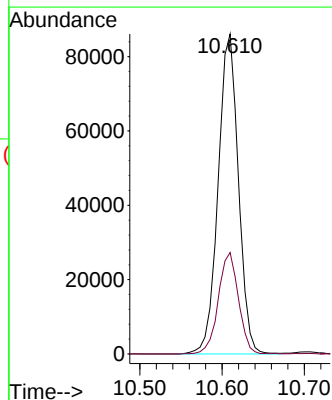
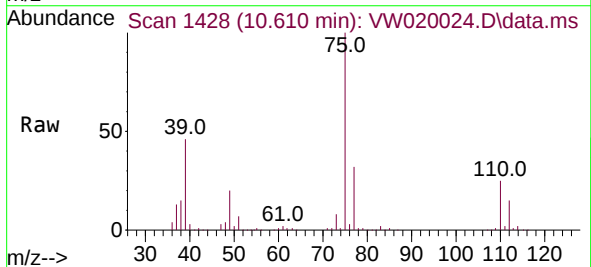
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

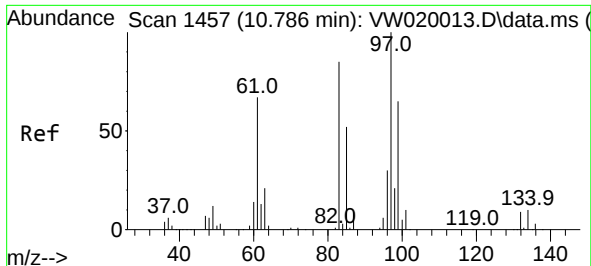
Tgt Ion: 91 Resp: 463401
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.119 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 75 Resp: 147529
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.1

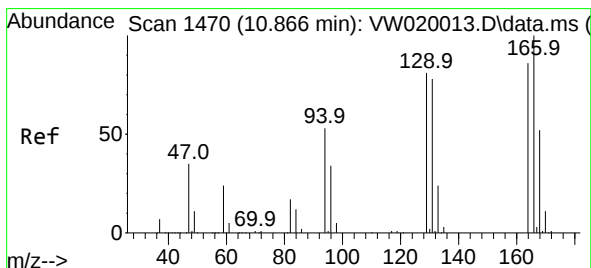
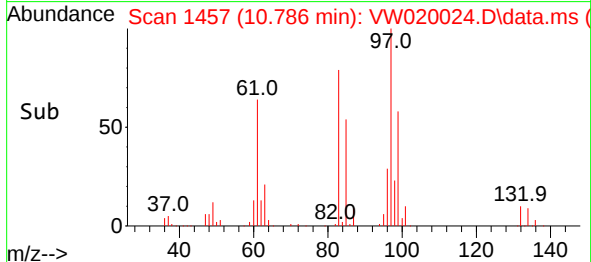
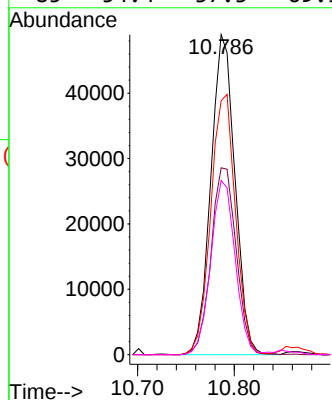
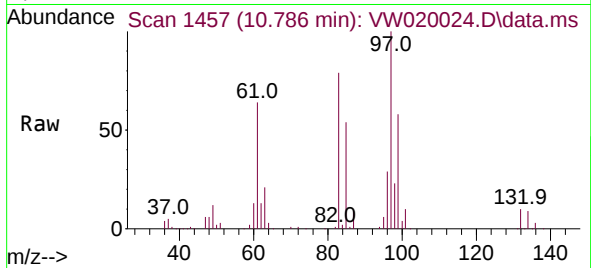




#45
1,1,2-Trichloroethane
Concen: 26.835 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

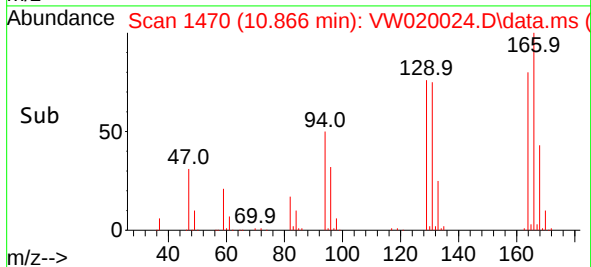
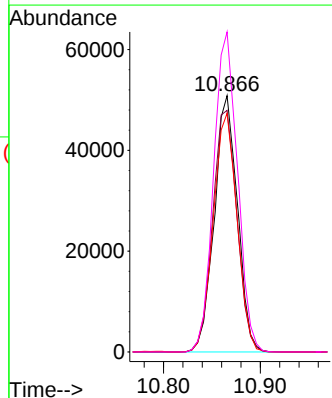
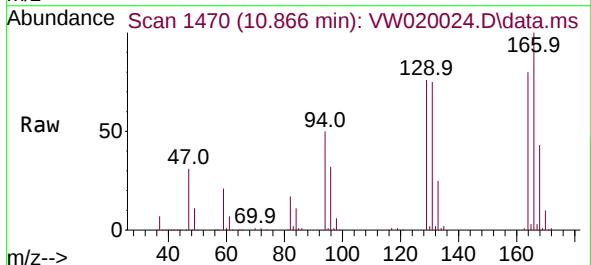
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

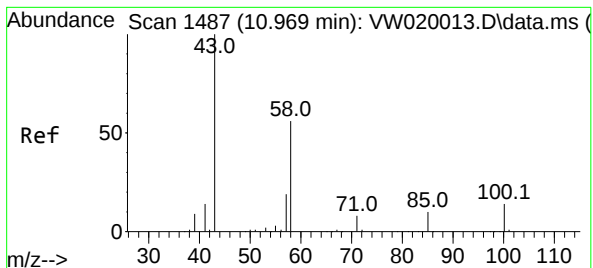
Tgt Ion:	97	Resp:	84822
Ion	Ratio	Lower	Upper
97	100		
99	58.4	45.1	83.7
83	79.4	58.1	107.9
85	54.4	37.3	69.3



#46
Tetrachloroethene
Concen: 25.313 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:	164	Resp:	84665
Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.7	123.9
131	93.1	61.1	113.5
166	124.8	87.0	161.6

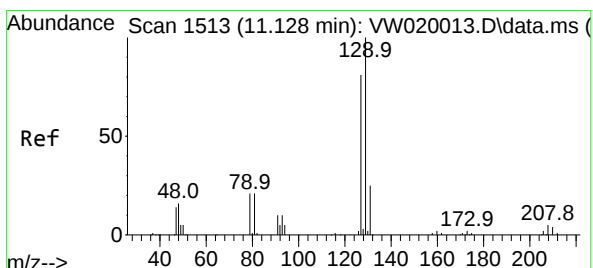
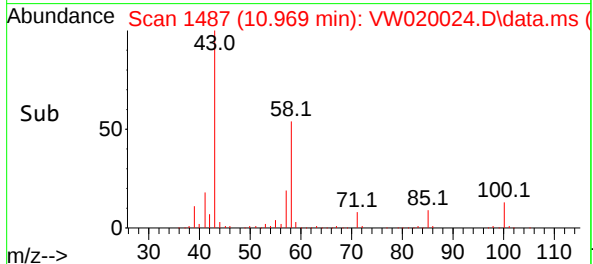
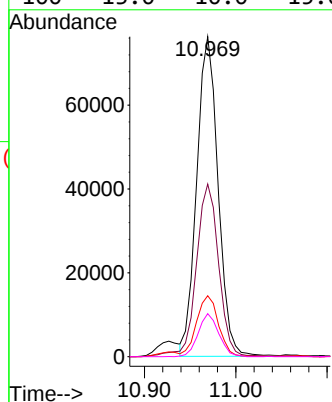
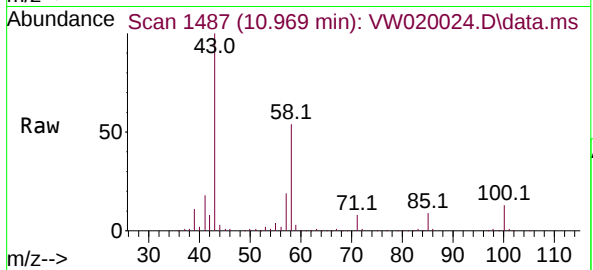




#48
2-Hexanone
Concen: 61.484 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

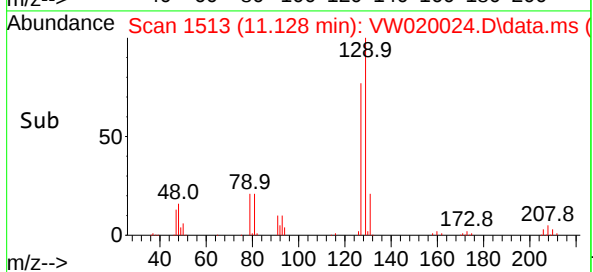
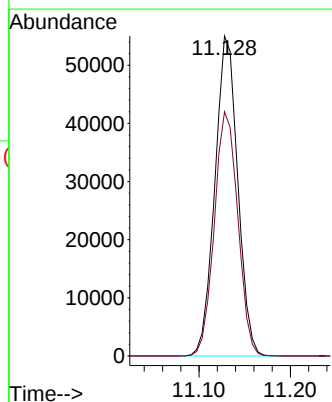
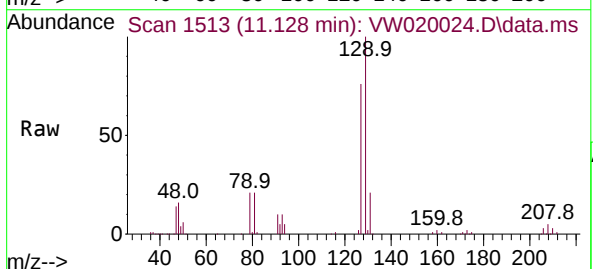
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

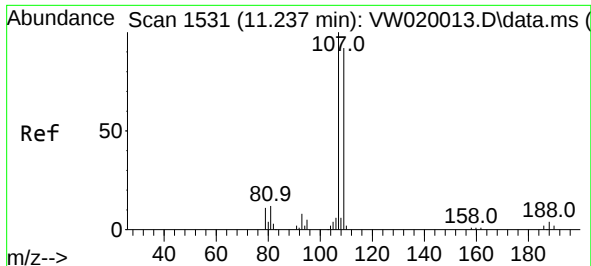
Tgt Ion:	43	Resp:	124246
Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.7	64.1
57	19.6	15.8	23.8
100	13.0	10.0	15.0



#49
Dibromochloromethane
Concen: 26.354 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:	129	Resp:	95723
Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.7	95.9

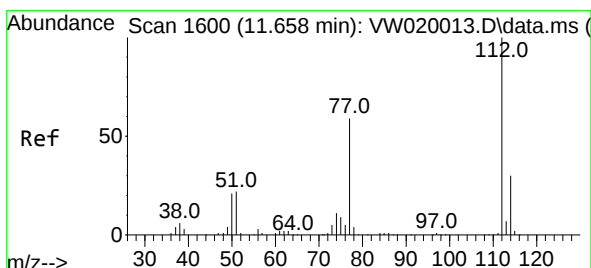
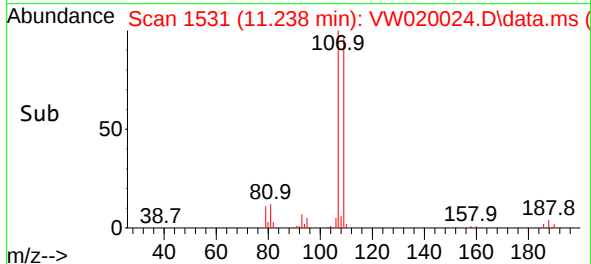
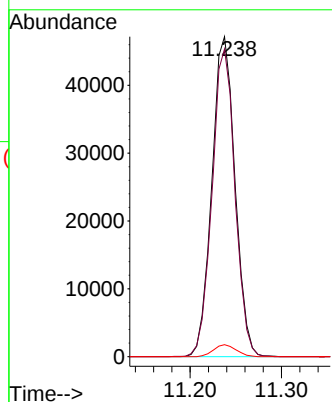
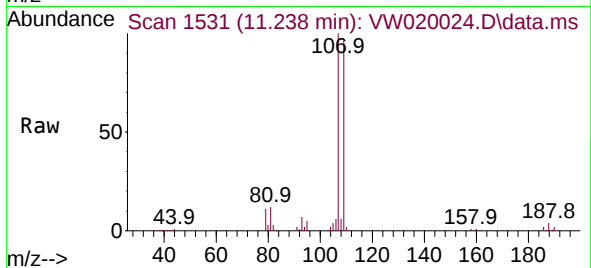




#50
1,2-Dibromoethane
Concen: 26.670 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

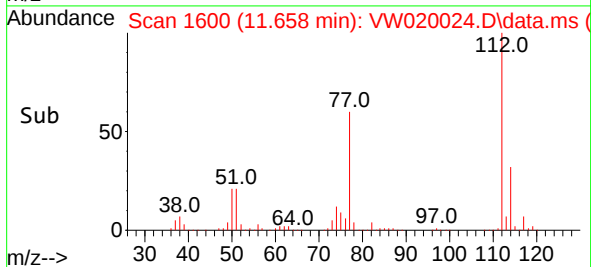
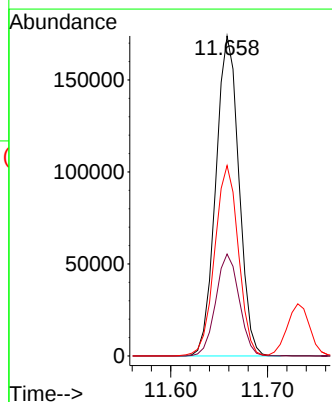
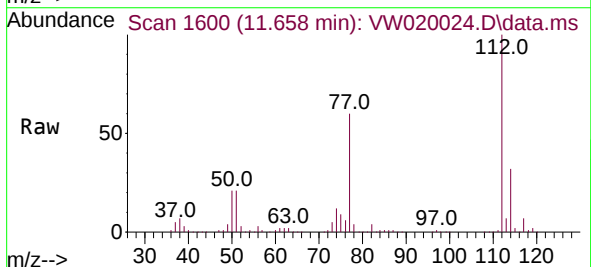
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

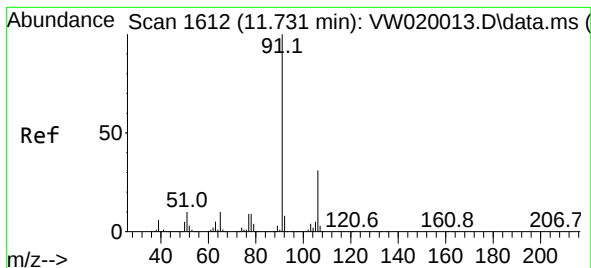
Tgt Ion:107 Resp: 82910
Ion Ratio Lower Upper
107 100
109 96.1 65.4 121.4
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 25.541 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:112 Resp: 288396
Ion Ratio Lower Upper
112 100
114 31.9 23.4 43.6
77 59.5 47.6 71.4

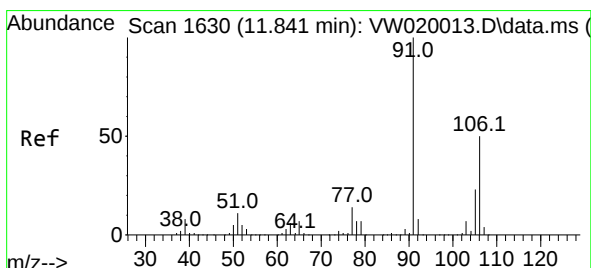
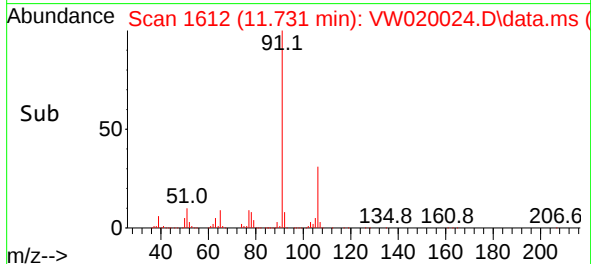
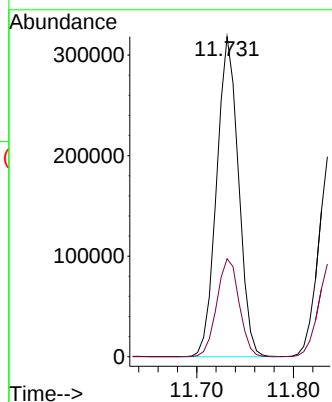
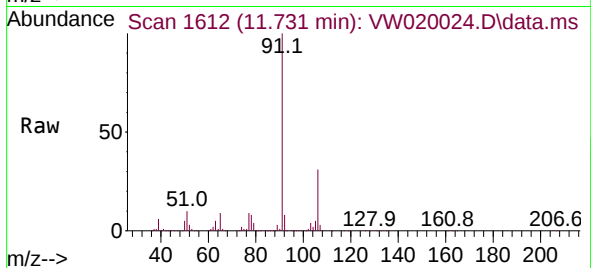




#52
Ethylbenzene
Concen: 26.164 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

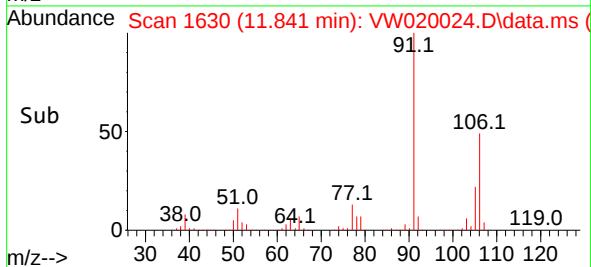
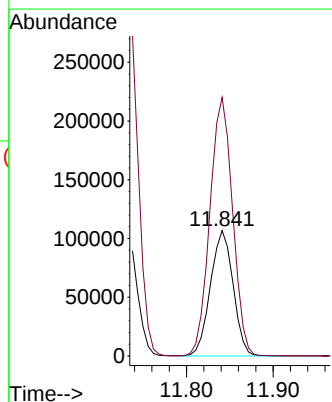
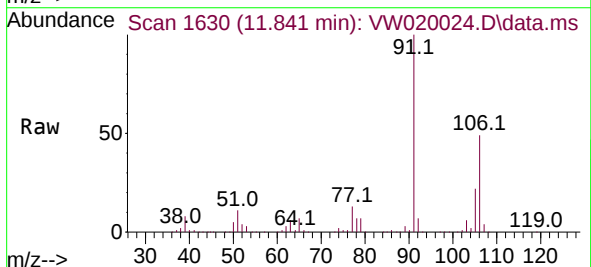
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

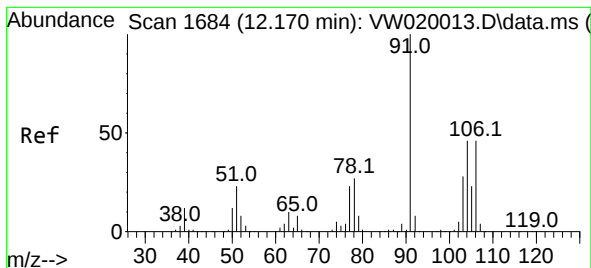
Tgt Ion: 91 Resp: 497700
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.7



#53
m,p-Xylene
Concen: 26.802 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:106 Resp: 193969
Ion Ratio Lower Upper
106 100
91 206.1 141.3 262.3





#54

o-Xylene

Concen: 26.589 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.006 min

Lab File: VW020024.D

Acq: 14 Sep 2021 22:19

Tgt Ion:106 Resp: 181598

Ion Ratio Lower Upper

106 100

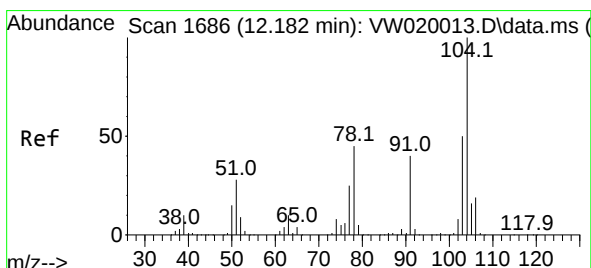
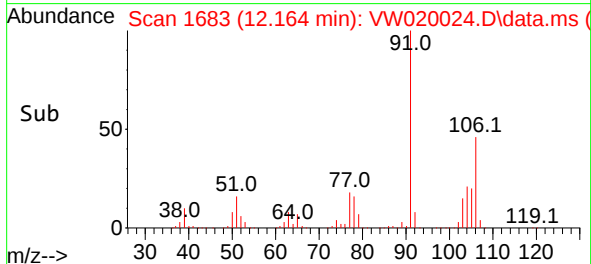
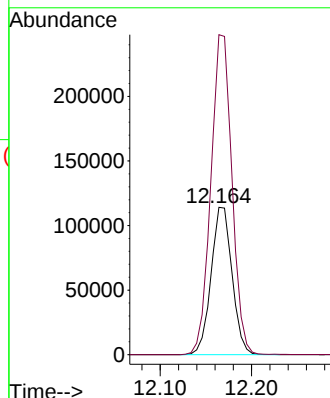
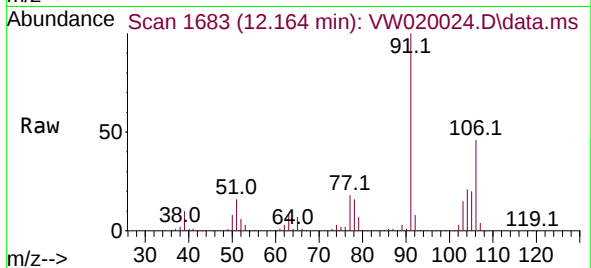
91 217.2 150.0 278.6

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535



#55

Styrene

Concen: 26.993 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW020024.D

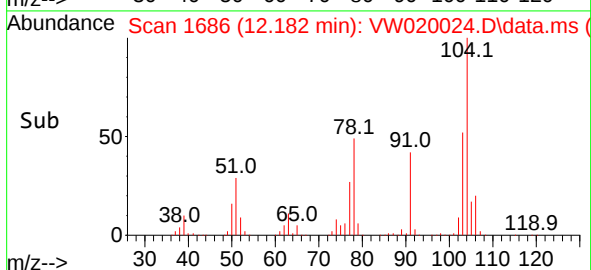
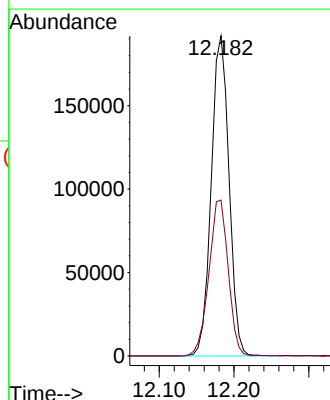
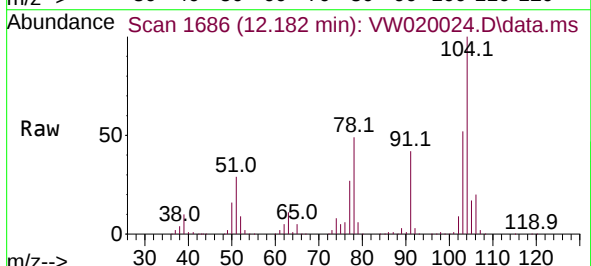
Acq: 14 Sep 2021 22:19

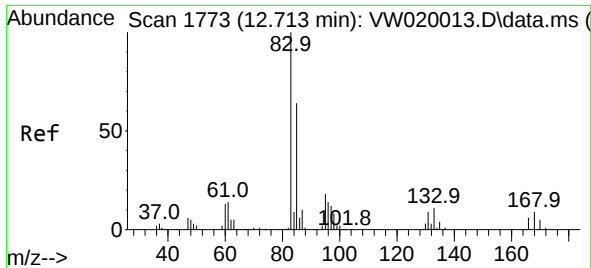
Tgt Ion:104 Resp: 316986

Ion Ratio Lower Upper

104 100

78 48.7 32.5 60.3

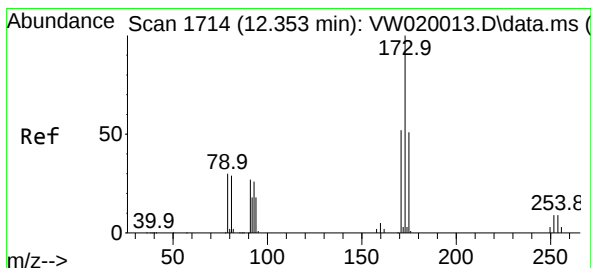
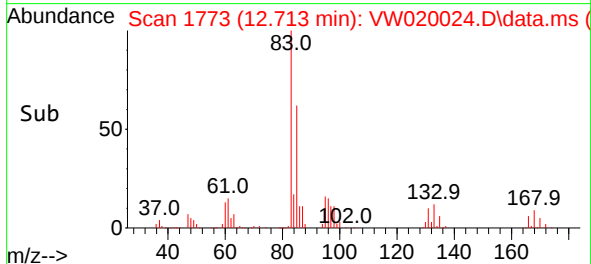
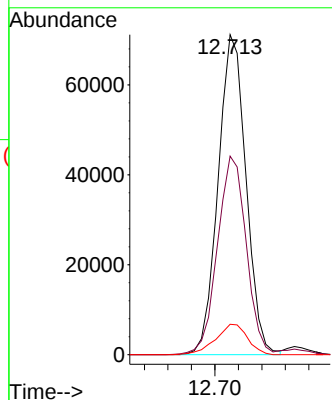
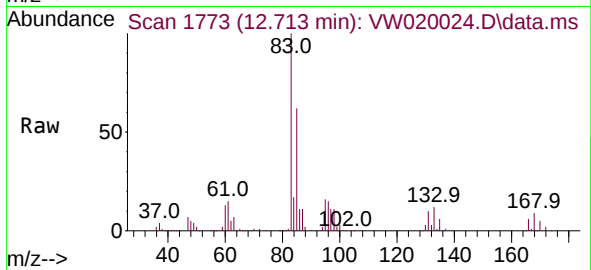




#57
1,1,2,2-Tetrachloroethane
Concen: 28.290 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

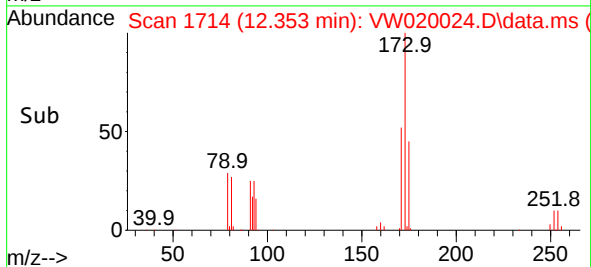
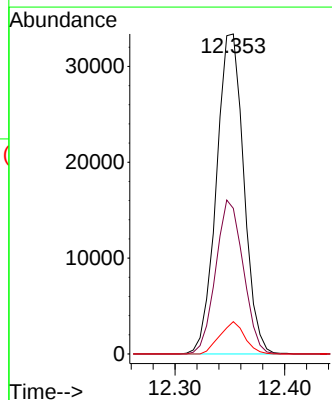
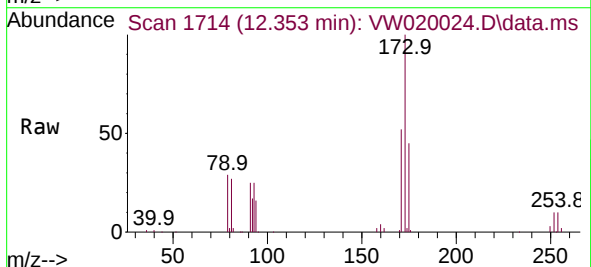
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

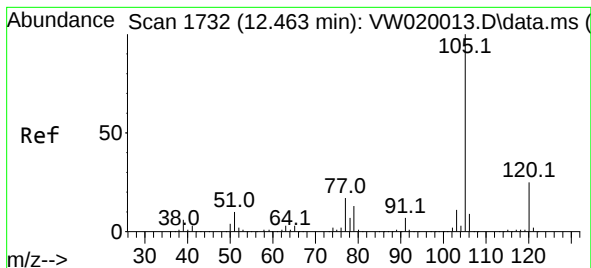
Tgt Ion: 83 Resp: 117189
Ion Ratio Lower Upper
83 100
85 62.1 44.4 82.4
131 9.5 8.2 12.4



#59
Bromoform
Concen: 27.618 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 173 Resp: 58000
Ion Ratio Lower Upper
173 100
175 48.4 37.5 56.3
254 9.2 7.0 10.4

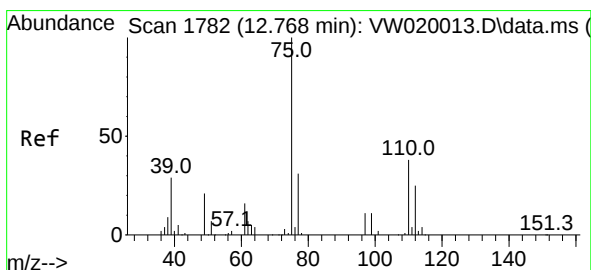
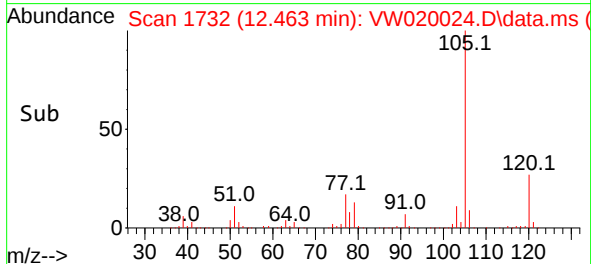
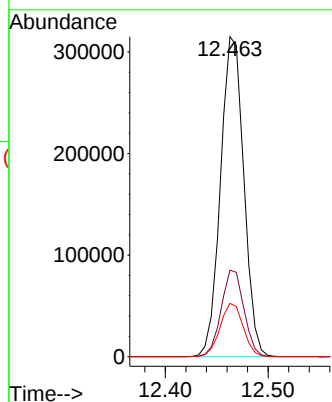
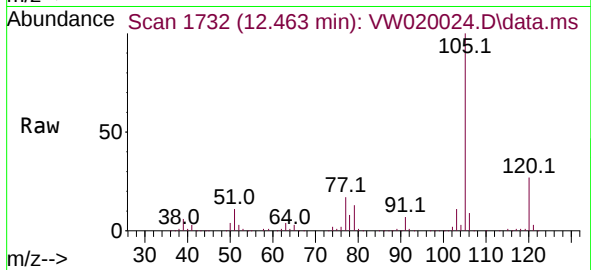




#60
Isopropylbenzene
Concen: 26.923 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

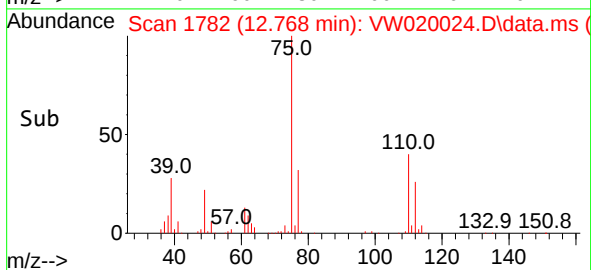
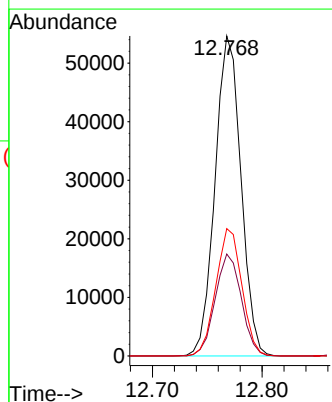
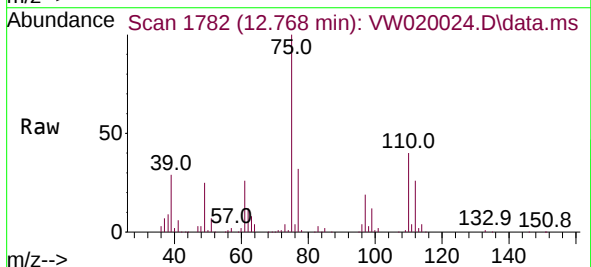
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

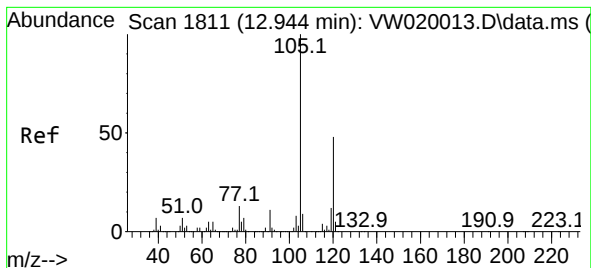
Tgt Ion:105 Resp: 495520
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 27.684 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion: 75 Resp: 89829
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 39.8 32.6 48.8

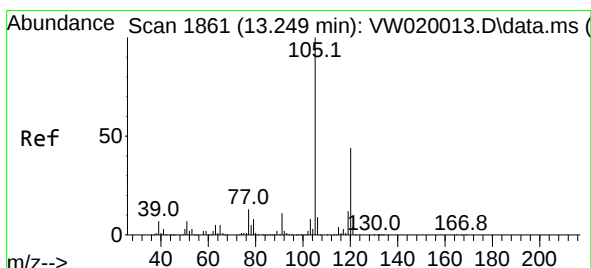
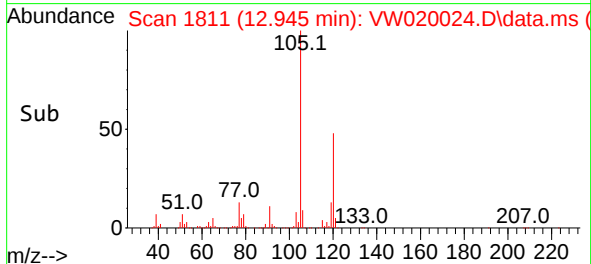
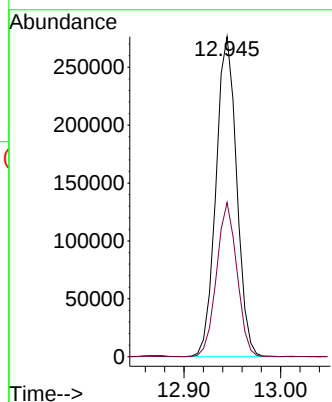
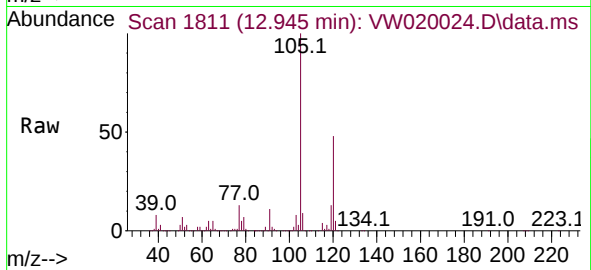




#62
1,3,5-Trimethylbenzene
Concen: 27.450 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

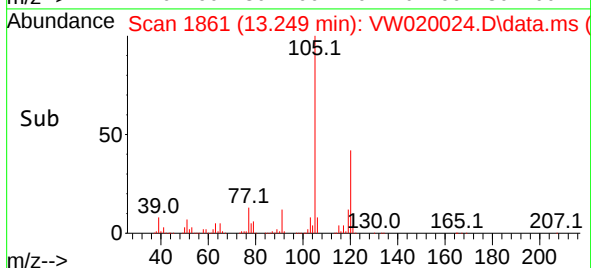
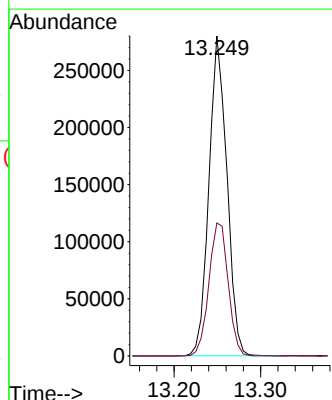
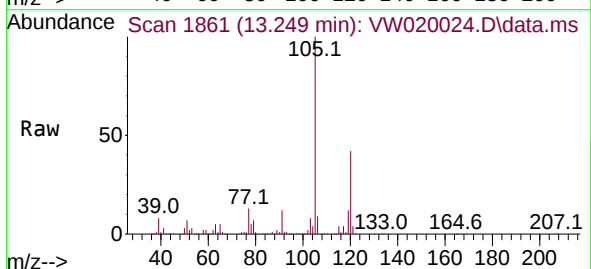
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

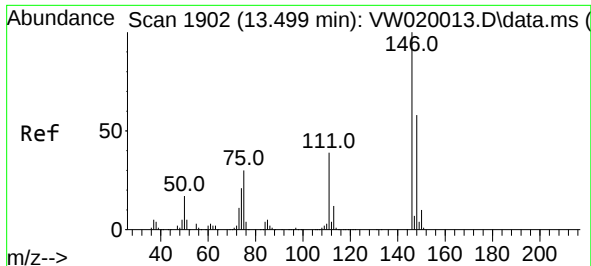
Tgt Ion:105 Resp: 411002
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.401 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:105 Resp: 402855
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

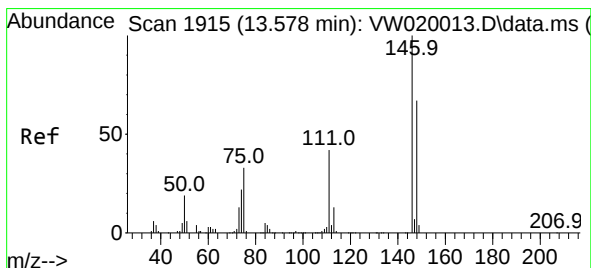
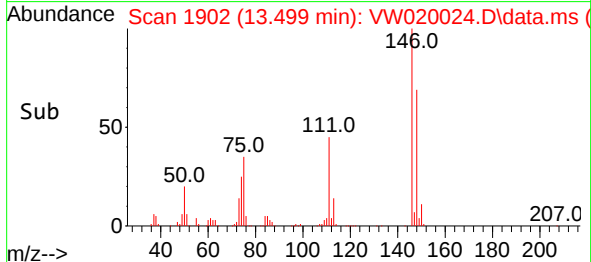
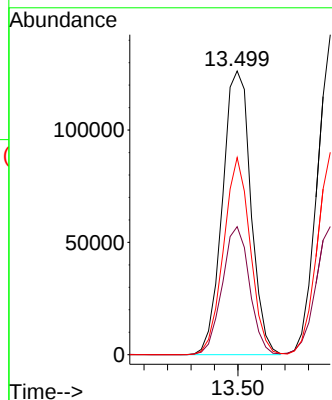
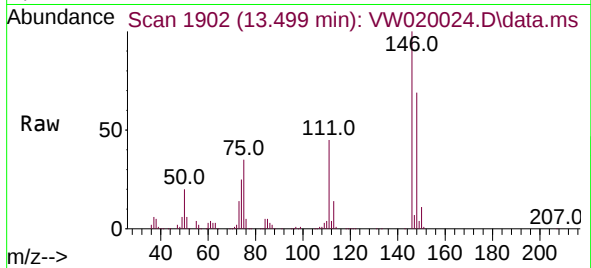




#64
1,3-Dichlorobenzene
Concen: 25.031 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

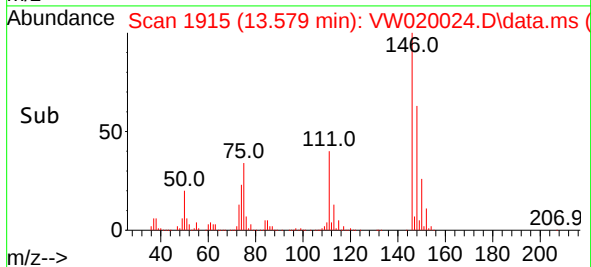
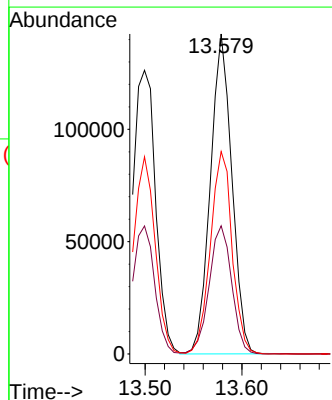
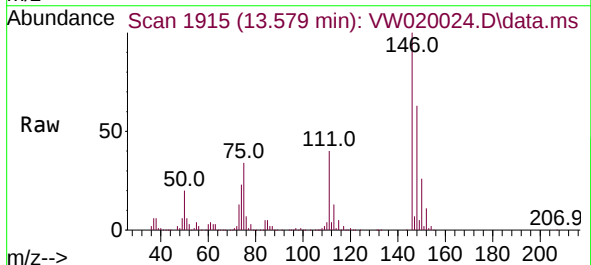
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

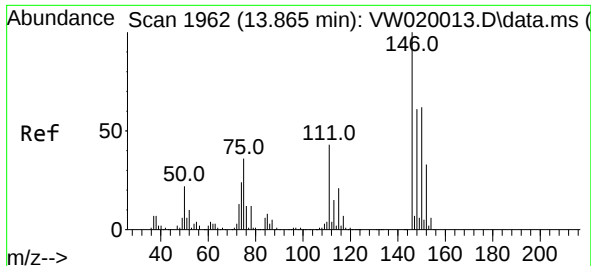
Tgt Ion:146 Resp: 211843
Ion Ratio Lower Upper
146 100
111 45.1 26.7 49.7
148 69.5 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.459 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:146 Resp: 219598
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.4
148 63.2 46.8 87.0

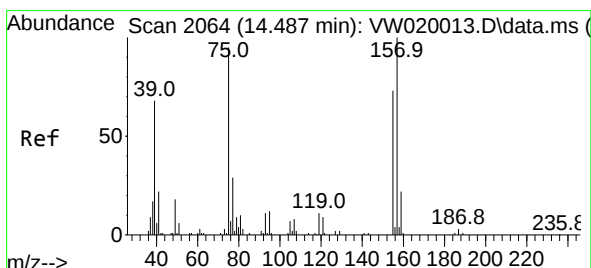
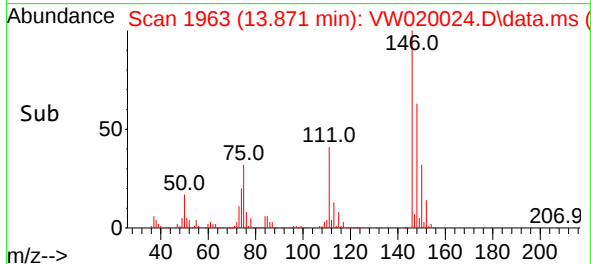
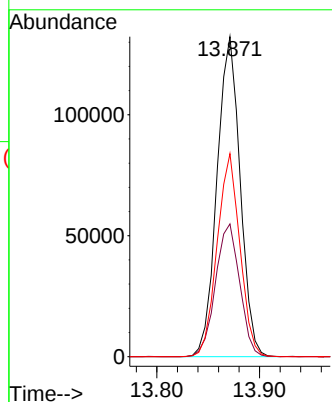
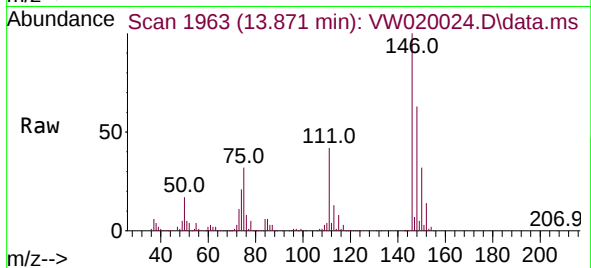




#67
1,2-Dichlorobenzene
Concen: 26.821 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

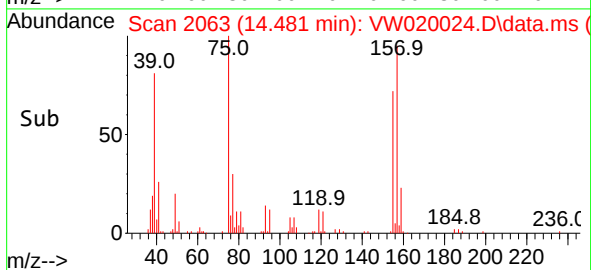
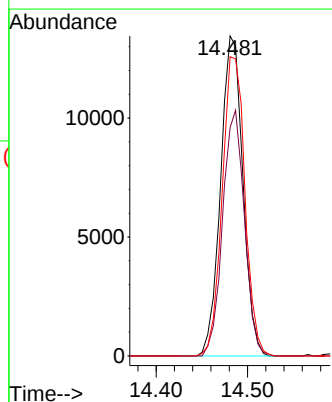
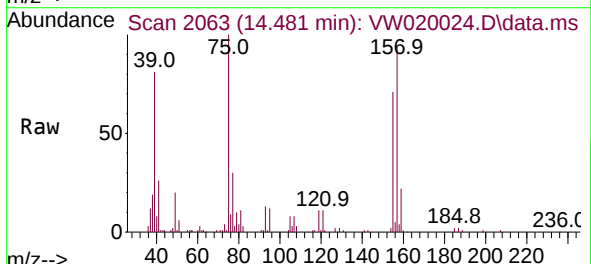
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

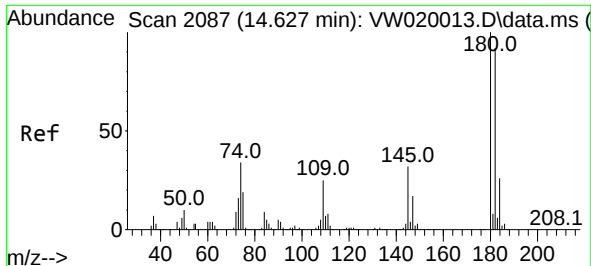
Tgt Ion:146 Resp: 206873
Ion Ratio Lower Upper
146 100
111 41.5 33.2 49.8
148 63.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 29.075 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

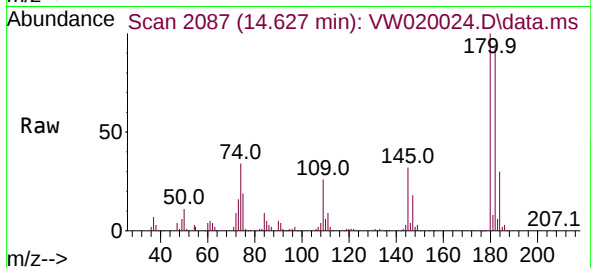
Tgt Ion: 75 Resp: 22761
Ion Ratio Lower Upper
75 100
155 71.4 59.4 89.0
157 93.5 72.2 108.2



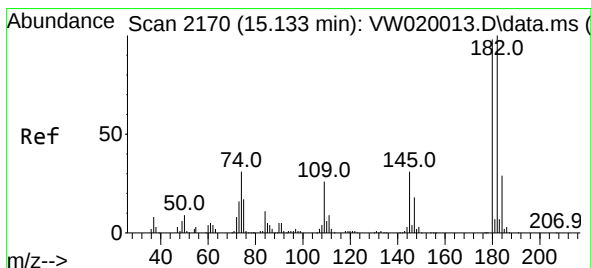
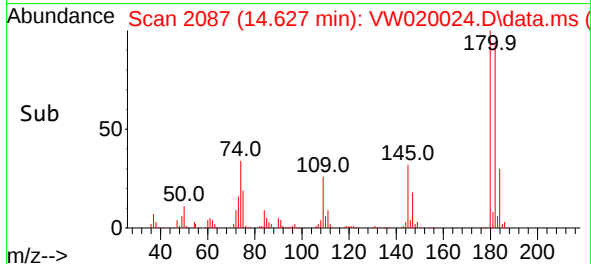
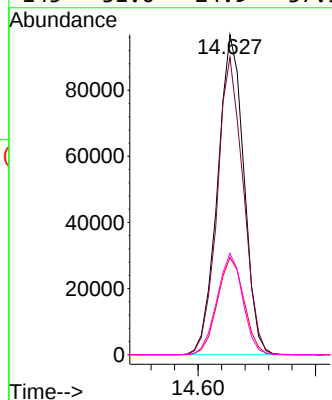


#69
1,3,5-Trichlorobenzene
Concen: 25.630 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

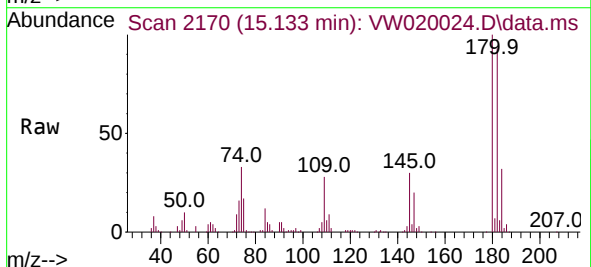
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535



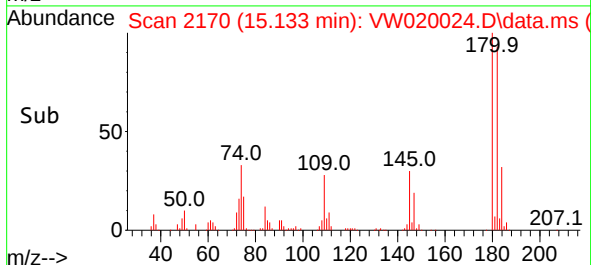
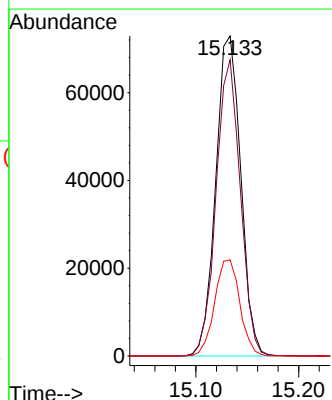
Tgt Ion:	180	Resp:	150037
Ion Ratio	Lower	Upper	
180	100		
182	92.0	73.4	110.2
184	30.7	23.6	35.4
145	31.0	24.9	37.3

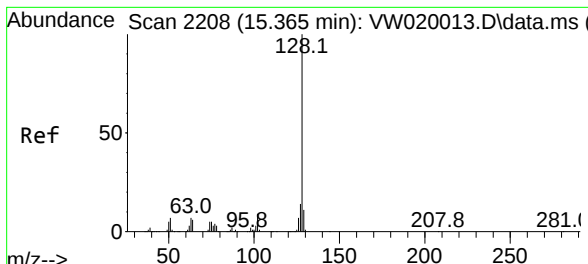


#70
1,2,4-trichlorobenzene
Concen: 26.903 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19



Tgt Ion:	180	Resp:	123325
Ion Ratio	Lower	Upper	
180	100		
182	89.7	74.7	112.1
145	30.2	25.0	37.4

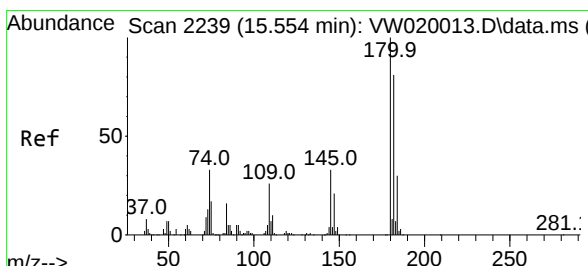
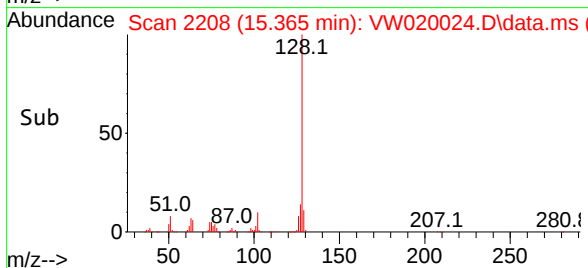
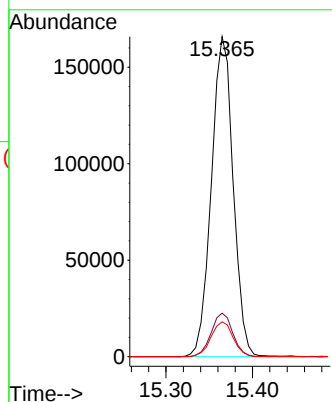
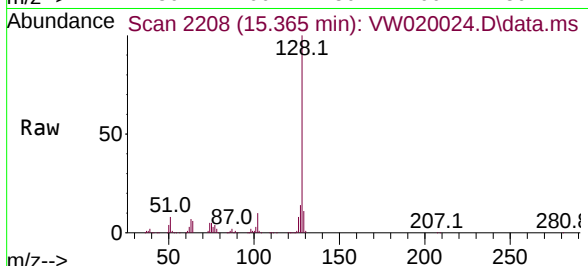




#71
Naphthalene
Concen: 29.598 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion:128	Resp: 289935
Ion Ratio	Lower Upper
128 100	
127 13.6	10.6 15.8
129 11.1	9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 27.483 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020024.D
Acq: 14 Sep 2021 22:19

Tgt Ion:180	Resp: 118252
Ion Ratio	Lower Upper
180 100	
182 90.5	76.7 115.1
145 32.1	28.9 43.3

