

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
 Data File : VW019612.D
 Acq On : 27 Jul 2021 10:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Jul 28 00:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 27 01:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	443626	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	407276	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	212644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126371	20.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.898	69	98915	22.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	4.026	63	251862	20.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.080	46	85477	46.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.700%
24) Chloroform-d	7.653	84	270029	22.029	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	8.305	65	145874	21.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.760%
32) Benzene-d6	8.275	84	522114	21.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.275	67	162170	21.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.840%
41) Toluene-d8	10.323	98	466730	21.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	10.579	79	69740	21.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.200%
47) 2-Hexanone-d5	10.927	63	69693	49.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	148261	24.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	159600	21.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	121445	22.981	ug/L	98
3) Chloromethane	2.221	50	116202	21.429	ug/L	99
5) Vinyl chloride	2.367	62	171789	23.017	ug/L	97
6) Bromomethane	2.788	94	96543	23.394	ug/L	98
8) Chloroethane	2.934	64	96178	24.210	ug/L	100
9) Trichlorofluoromethane	3.270	101	118047	26.036	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139814	24.107	ug/L	95
12) 1,1-Dichloroethene	4.044	96	135756	23.440	ug/L	98
13) Acetone	4.123	43	79954	59.478	ug/L	88
14) Carbon disulfide	4.391	76	427262	23.038	ug/L	100
15) Methyl Acetate	4.672	43	69115	23.101	ug/L	99
16) Methylene chloride	4.922	84	161601	18.272	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	144618	22.962	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	190232	21.862	ug/L	96
19) 1,1-Dichloroethane	6.220	63	264065	22.836	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	153110	22.985	ug/L	99
22) 2-Butanone	7.171	43	101716	48.901	ug/L	98
23) Bromochloromethane	7.519	128	71073	23.691	ug/L	95
25) Chloroform	7.677	83	268697	23.491	ug/L	99

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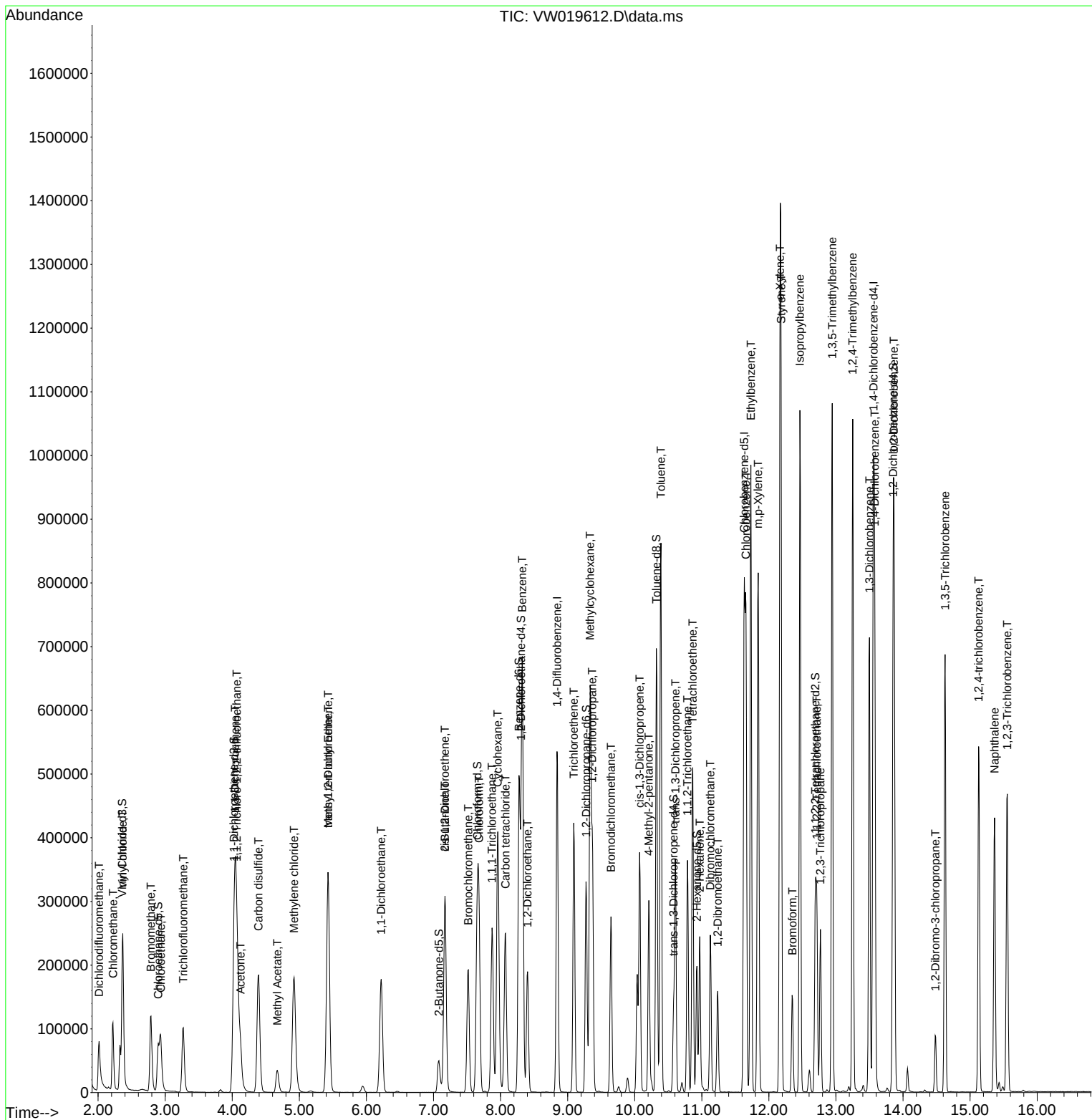
Quant Time: Jul 28 00:44:35 2021
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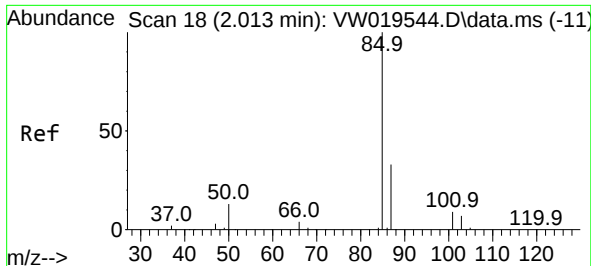
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	177211	23.027	ug/L	96
29) Cyclohexane	7.958	56	236292	22.624	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	210969	25.099	ug/L	98
31) Carbon tetrachloride	8.074	117	194434	24.862	ug/L	99
33) Benzene	8.324	78	606542	23.793	ug/L	100
34) Trichloroethene	9.092	95	153190	23.545	ug/L	95
35) Methylcyclohexane	9.336	83	262962	22.839	ug/L	95
37) 1,2-Dichloropropane	9.366	63	150564	23.306	ug/L	99
38) Bromodichloromethane	9.646	83	190500	23.781	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	230206	23.301	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	195617	47.976	ug/L	97
42) Toluene	10.390	91	648939	24.423	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	206121	23.719	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	116056	24.144	ug/L	97
46) Tetrachloroethene	10.866	164	116082	23.409	ug/L	95
48) 2-Hexanone	10.969	43	150739	54.280	ug/L	97
49) Dibromochloromethane	11.128	129	126965	24.561	ug/L	96
50) 1,2-Dibromoethane	11.238	107	109259	23.698	ug/L #	99
51) Chlorobenzene	11.658	112	396574	23.735	ug/L	99
52) Ethylbenzene	11.731	91	690446	23.869	ug/L	98
53) m,p-Xylene	11.841	106	265039	24.245	ug/L	98
54) o-Xylene	12.164	106	248521	24.058	ug/L	98
55) Styrene	12.183	104	441046	24.641	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	143666	24.270	ug/L	99
59) Bromoform	12.353	173	72183	23.782	ug/L	97
60) Isopropylbenzene	12.463	105	673245	23.558	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108167	23.221	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	560208	23.412	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	564453	23.411	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	290973	22.250	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	293009	22.675	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	271046	23.006	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24098	23.707	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	221658	23.197	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	174845	21.886	ug/L	99
71) Naphthalene	15.365	128	367053	22.748	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	161325	22.549	ug/L	95

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

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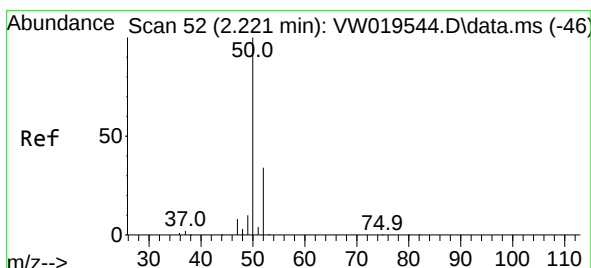
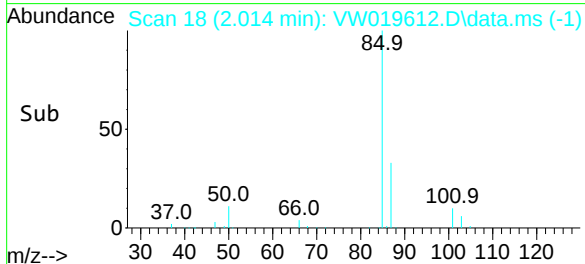
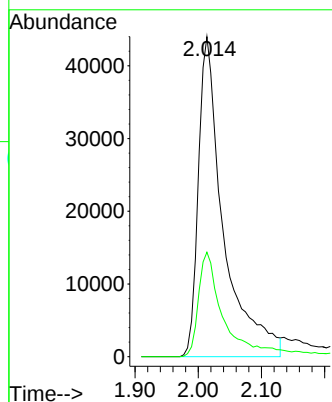
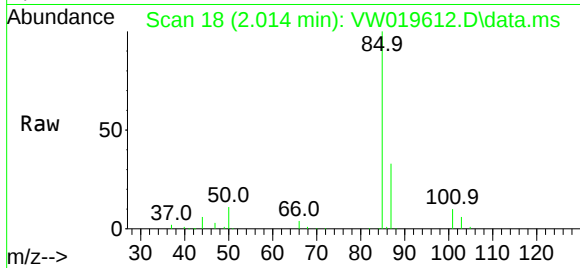




#2
Dichlorodifluoromethane
Concen: 22.981 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

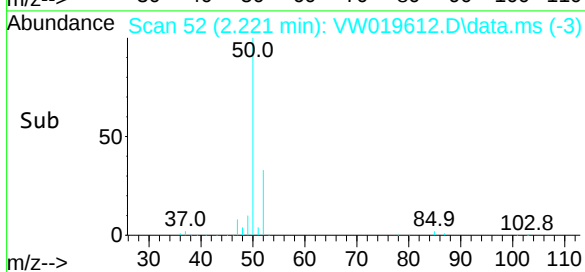
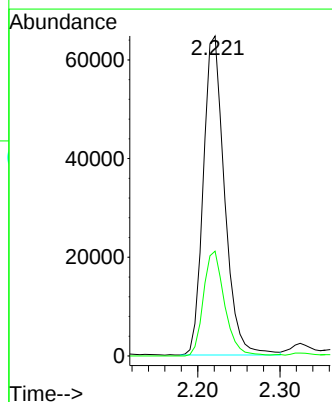
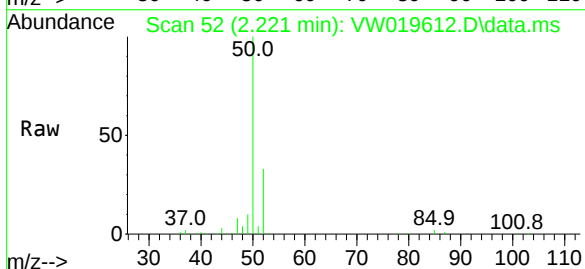
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

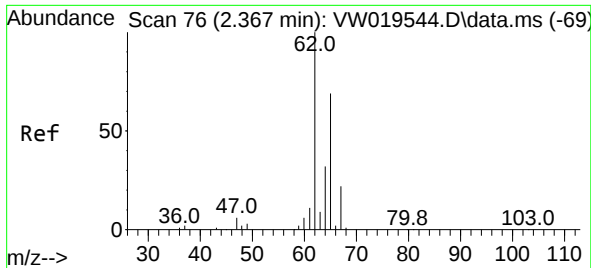
Tgt Ion: 85 Resp: 121445
Ion Ratio Lower Upper
85 100
87 30.3 23.3 34.9



#3
Chloromethane
Concen: 21.429 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 50 Resp: 116202
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

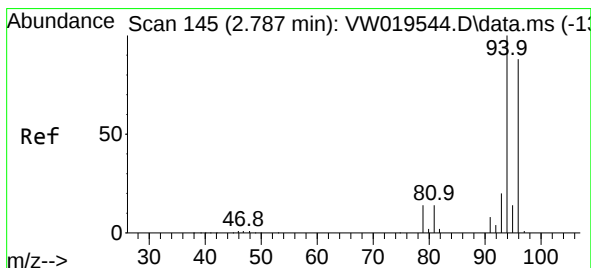
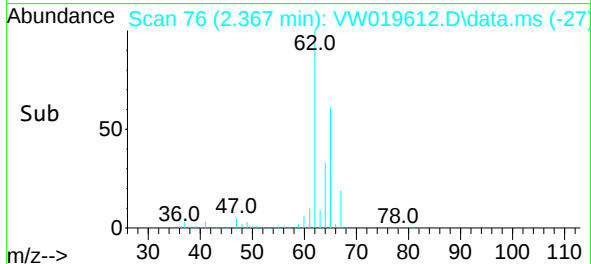
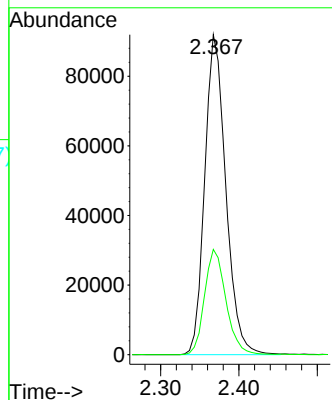
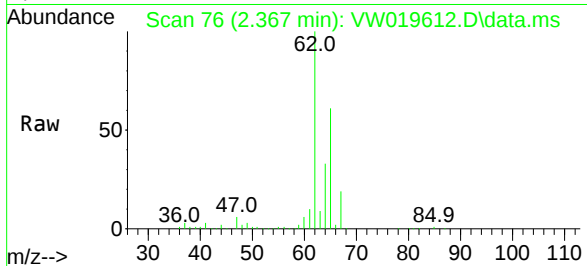




#5
 Vinyl chloride
 Concen: 23.017 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

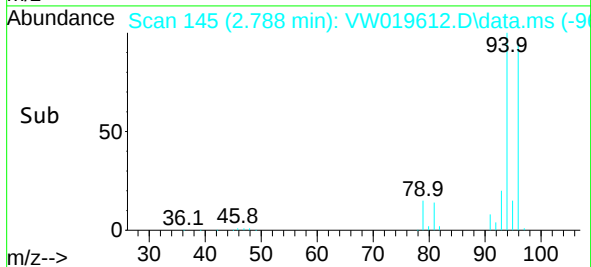
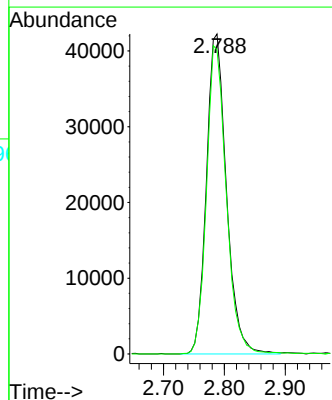
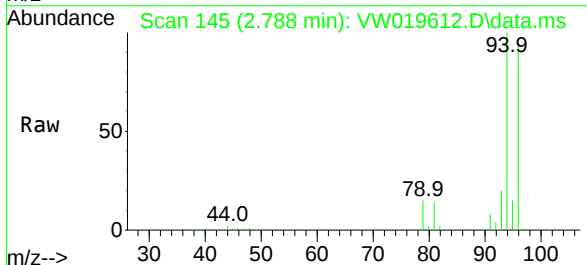
Instrument :
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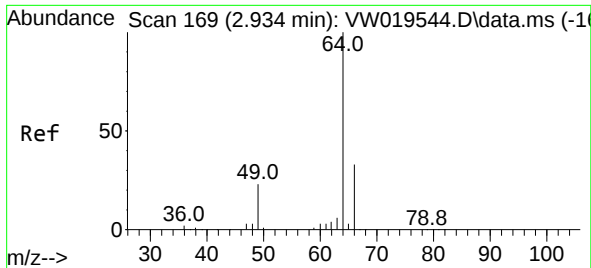
Tgt Ion: 62 Resp: 171789
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 23.394 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

Tgt Ion: 94 Resp: 96543
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.3 121.3

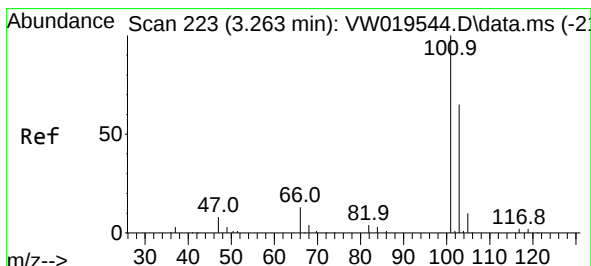
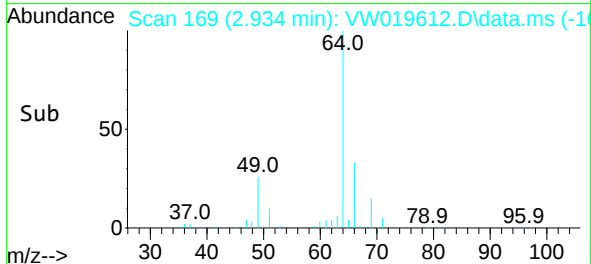
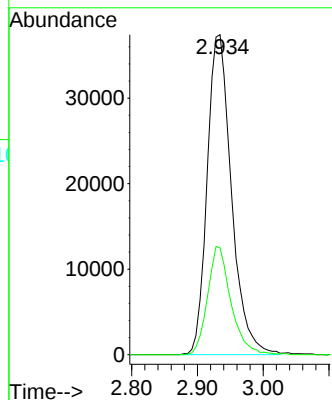
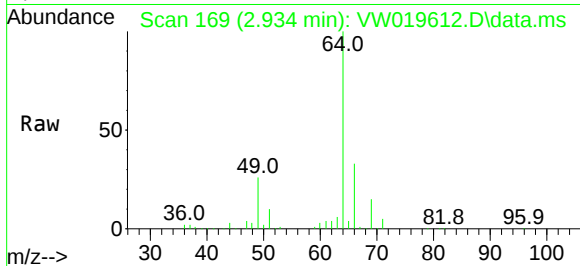




#8
Chloroethane
Concen: 24.210 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

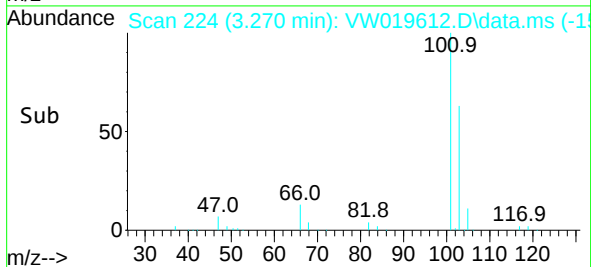
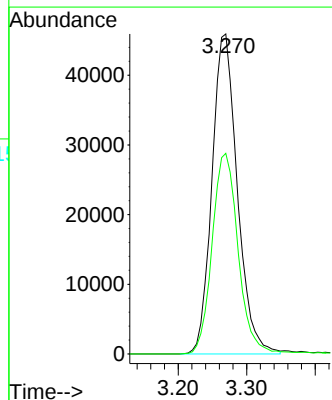
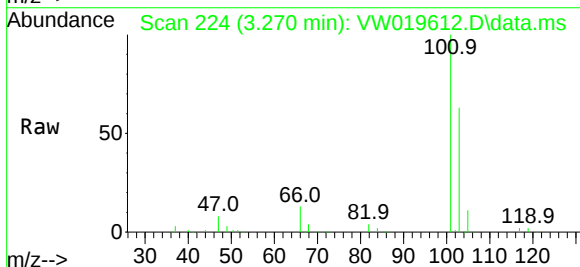
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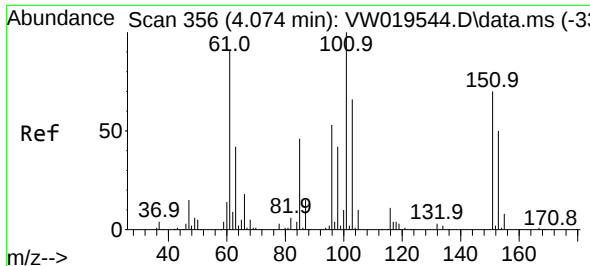
Tgt Ion: 64 Resp: 96178
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 26.036 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:101 Resp: 118047
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

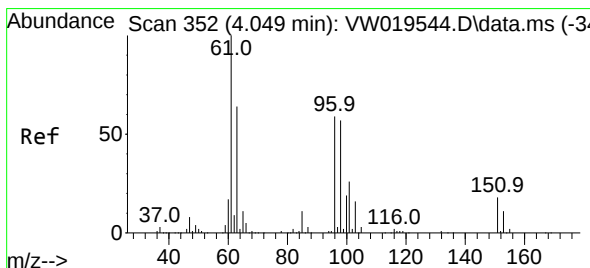
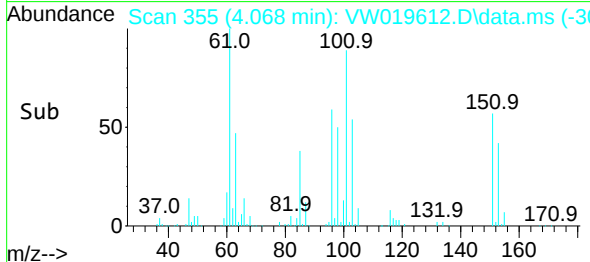
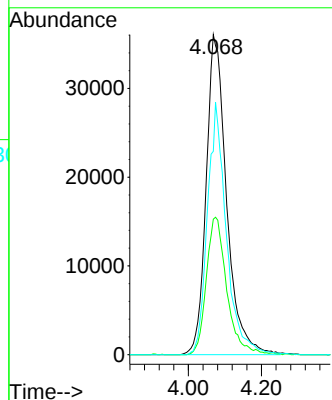
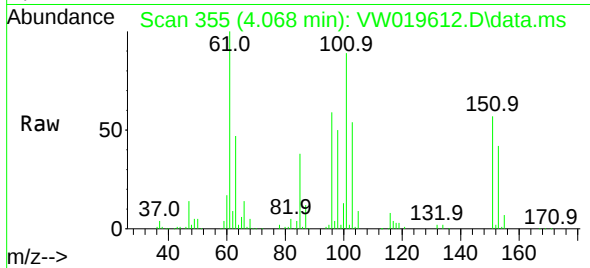




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.107 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

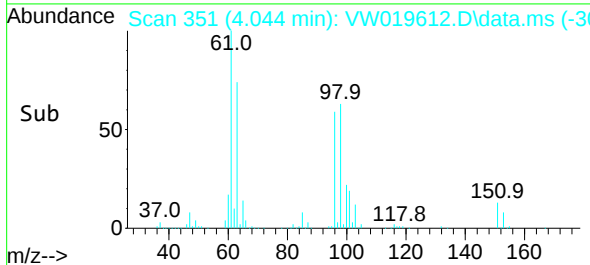
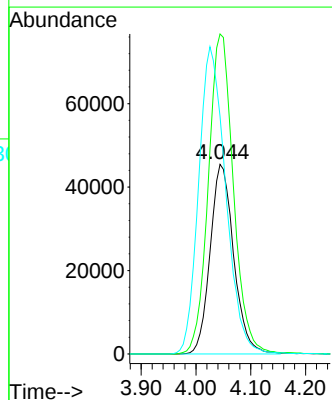
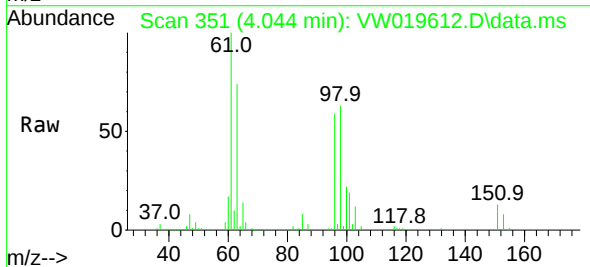
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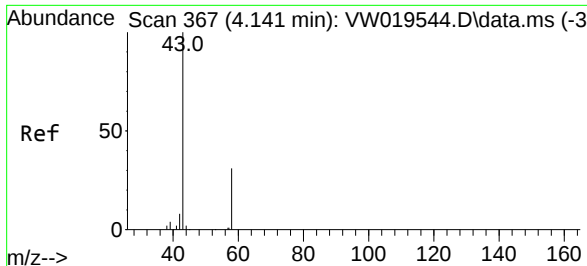
Tgt Ion:101 Resp: 139814
 Ion Ratio Lower Upper
 101 100
 85 42.4 38.2 57.2
 151 73.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 23.440 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

Tgt Ion: 96 Resp: 135756
 Ion Ratio Lower Upper
 96 100
 61 168.7 118.1 219.3
 63 125.2 83.7 155.5

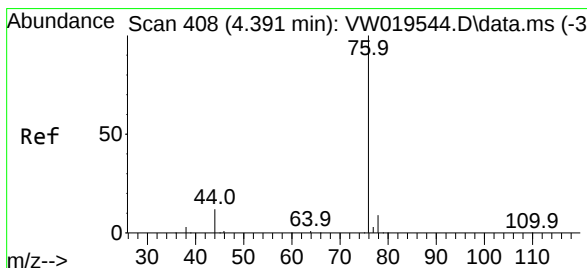
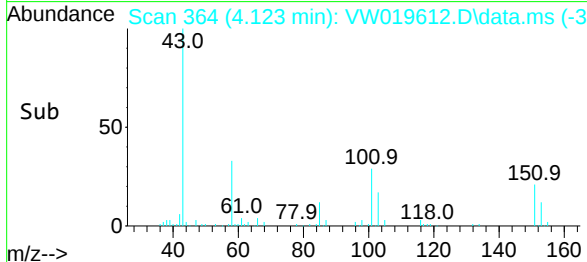
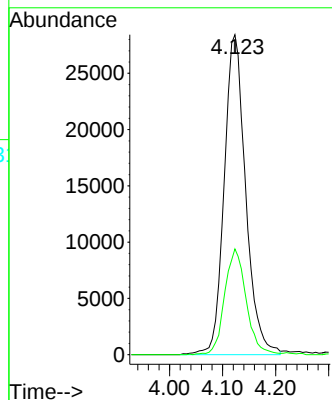
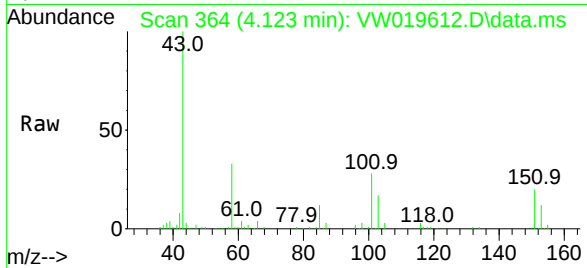




#13
Acetone
Concen: 59.478 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.024 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

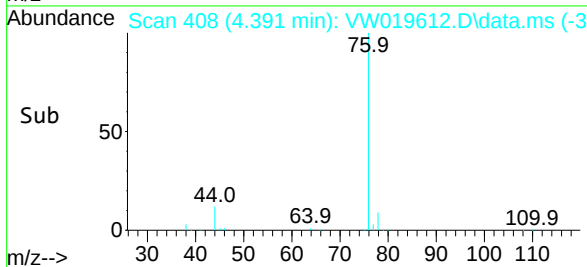
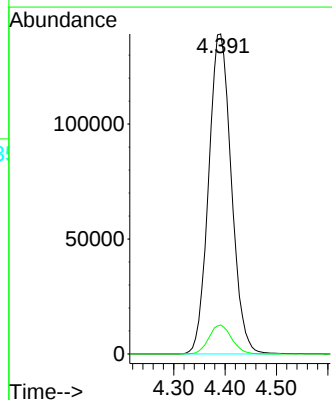
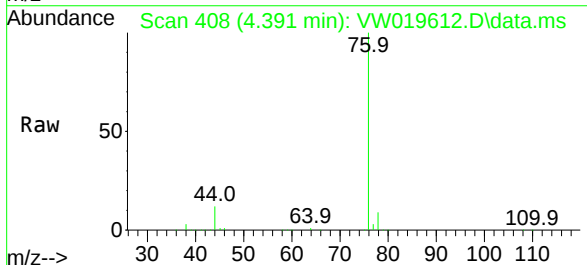
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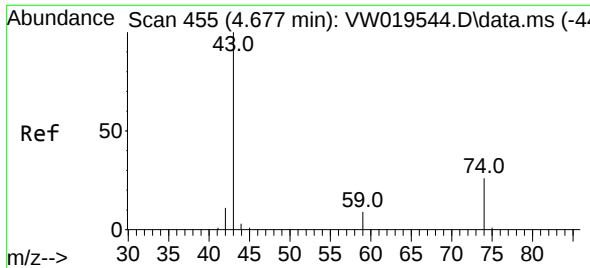
Tgt Ion: 43 Resp: 79954
Ion Ratio Lower Upper
43 100
58 33.1 0.0 53.8



#14
Carbon disulfide
Concen: 23.038 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 76 Resp: 427262
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

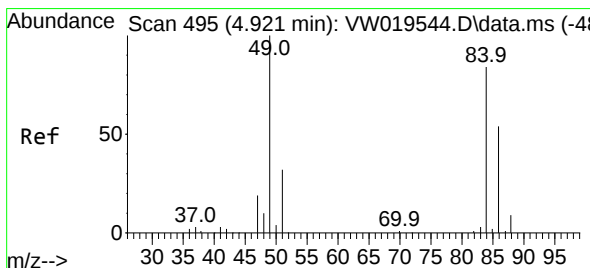
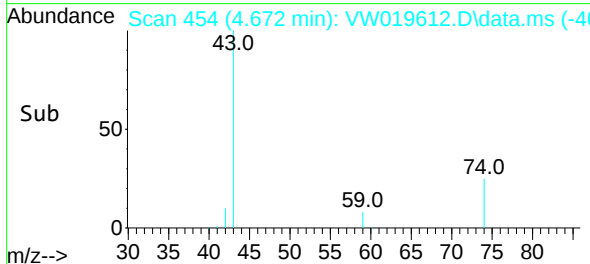
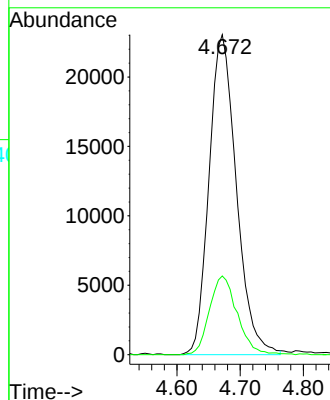
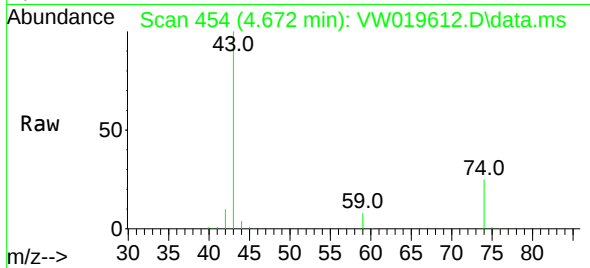




#15
Methyl Acetate
Concen: 23.101 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

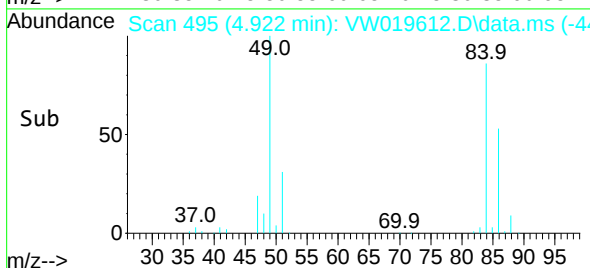
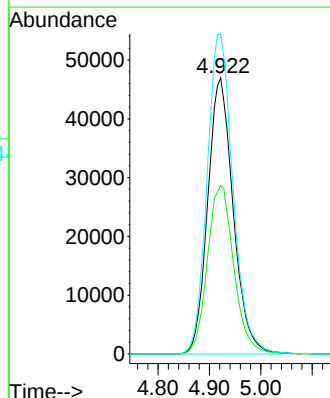
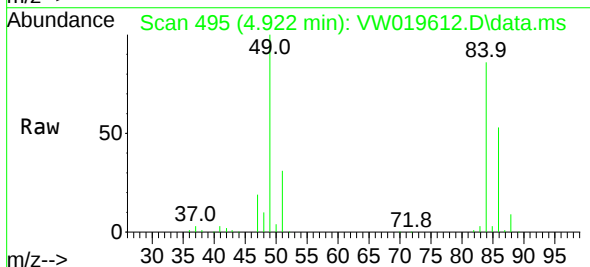
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

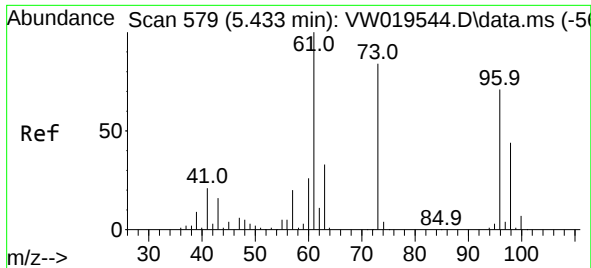
Tgt Ion: 43 Resp: 69115
Ion Ratio Lower Upper
43 100
74 24.7 20.0 30.0



#16
Methylene chloride
Concen: 18.272 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 84 Resp: 161601
Ion Ratio Lower Upper
84 100
86 61.0 45.3 84.1
49 115.9 86.6 160.8



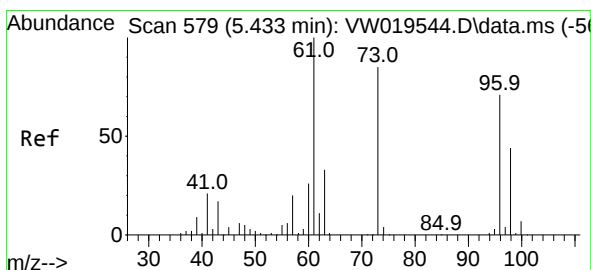
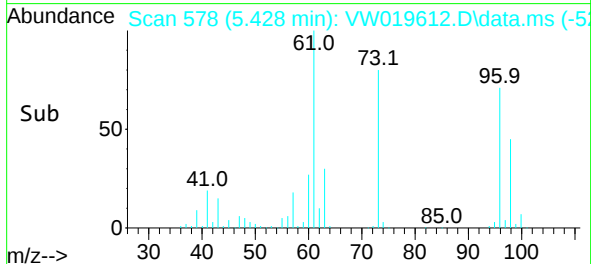
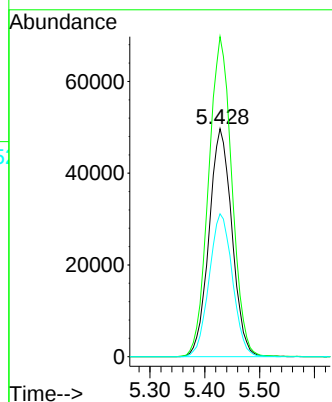
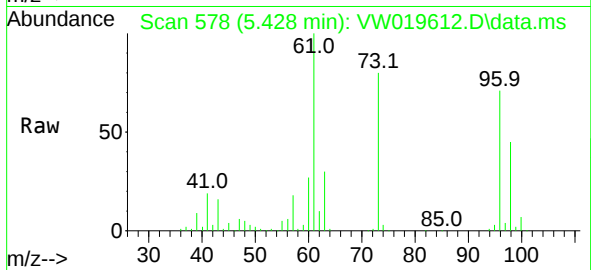


#17
trans-1,2-Dichloroethene
Concen: 22.962 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion: 96 Resp: 144618

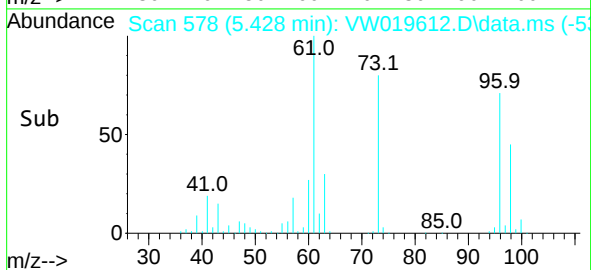
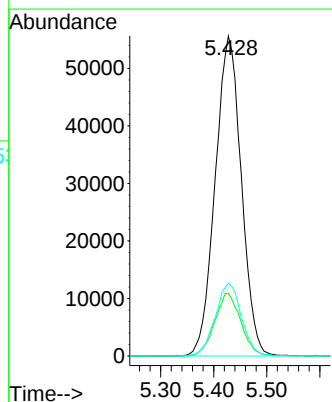
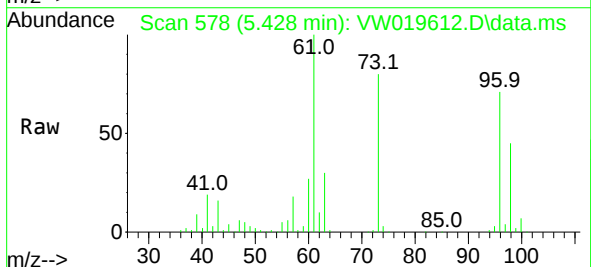
Ion	Ratio	Lower	Upper
96	100		
61	140.3	98.3	182.7
98	62.7	46.1	85.7

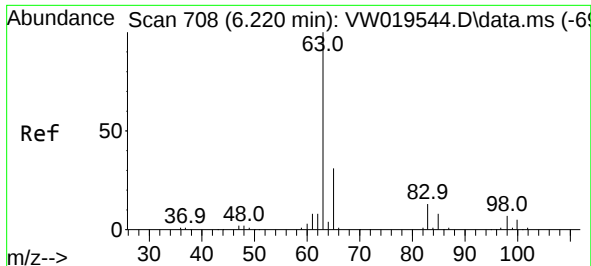


#18
Methyl tert-butyl Ether
Concen: 21.862 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 73 Resp: 190232

Ion	Ratio	Lower	Upper
73	100		
43	19.6	17.7	26.5
57	22.7	17.0	25.4





#19

1,1-Dichloroethane

Concen: 22.836 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW019612.D

Acq: 27 Jul 2021 10:16

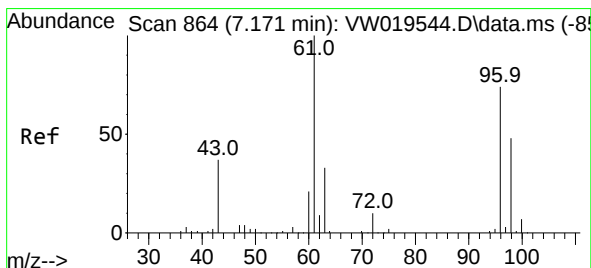
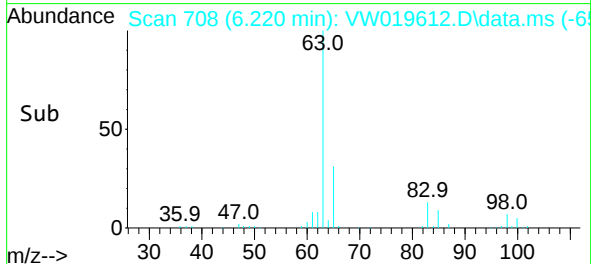
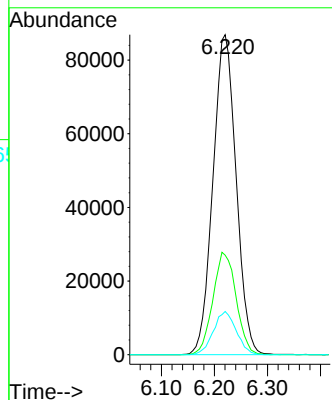
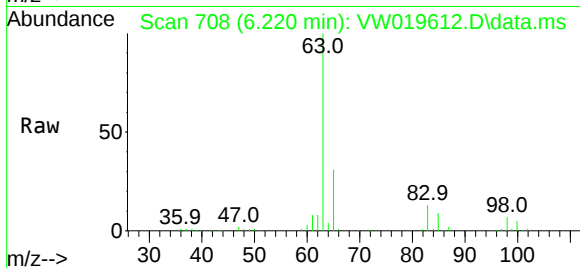
Tgt Ion: 63	Resp: 264065
Ion Ratio	Lower Upper
63 100	
65 31.1	22.9 42.5
83 13.5	10.2 19.0

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499



#20

cis-1,2-Dichloroethene

Concen: 22.985 ug/L

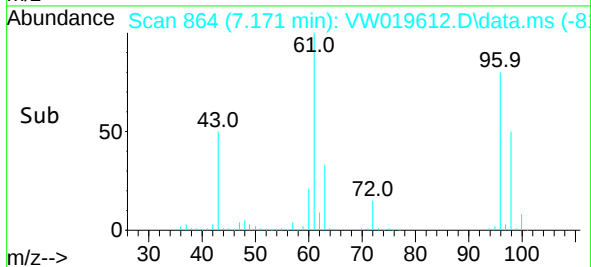
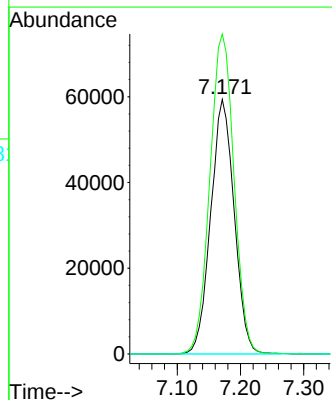
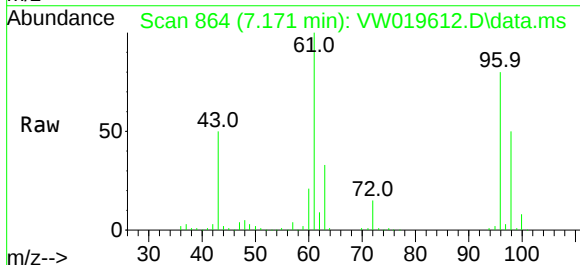
RT: 7.171 min Scan# 864

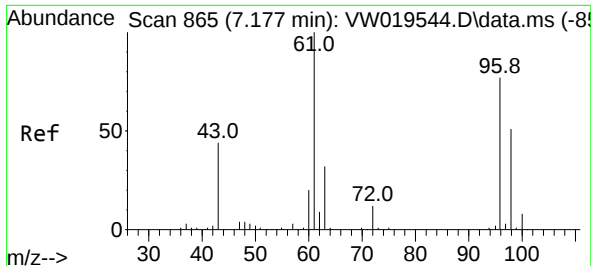
Delta R.T. 0.000 min

Lab File: VW019612.D

Acq: 27 Jul 2021 10:16

Tgt Ion: 96	Resp: 153110
Ion Ratio	Lower Upper
96 100	
61 125.7	88.5 164.3
68 0.0	0.0 0.0

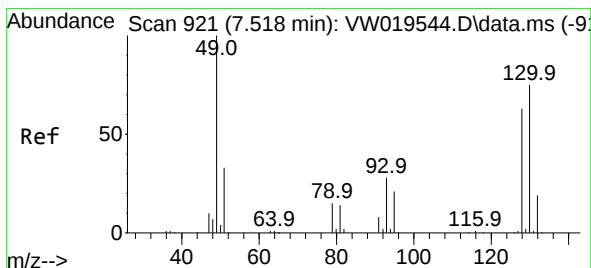
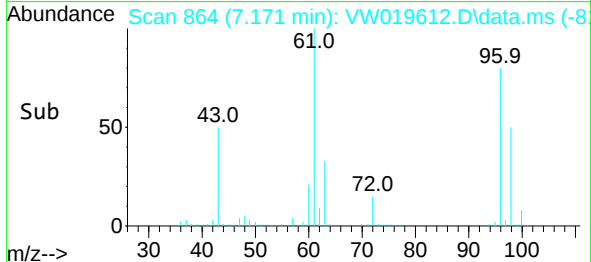
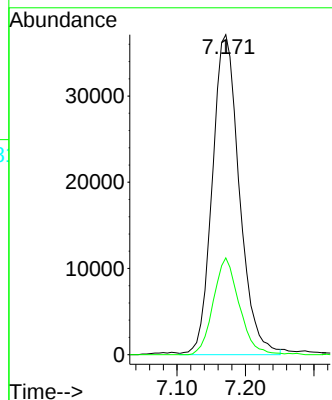
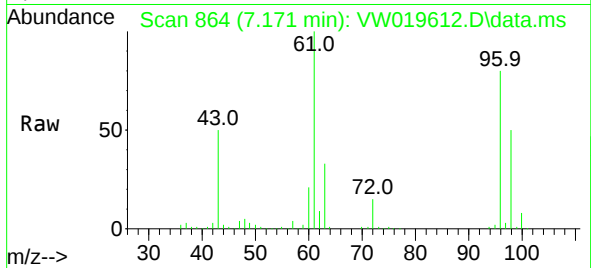




#22
2-Butanone
Concen: 48.901 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

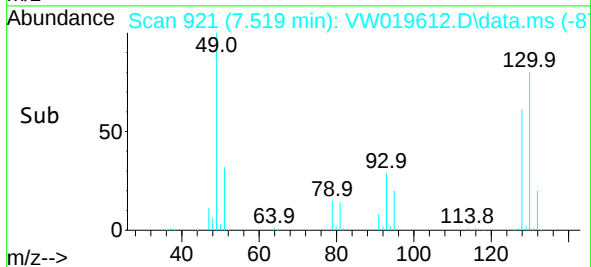
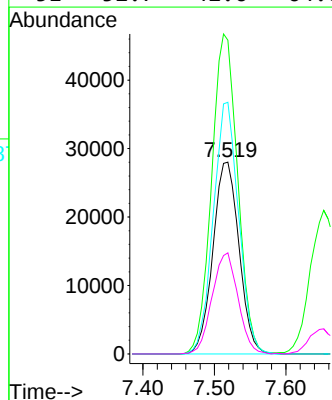
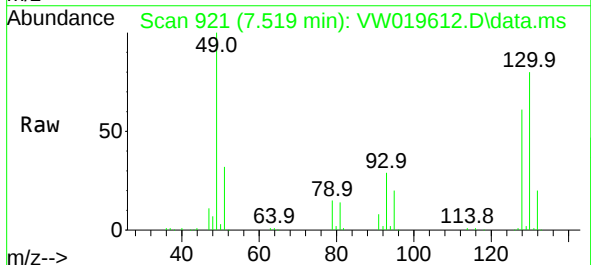
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

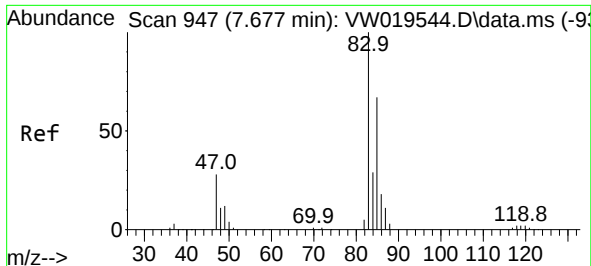
Tgt Ion: 43 Resp: 101716
Ion Ratio Lower Upper
43 100
72 28.9 14.9 44.7



#23
Bromochloromethane
Concen: 23.691 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 128 Resp: 71073
Ion Ratio Lower Upper
128 100
49 163.6 116.3 215.9
130 131.2 82.4 153.0
51 52.7 42.6 64.0

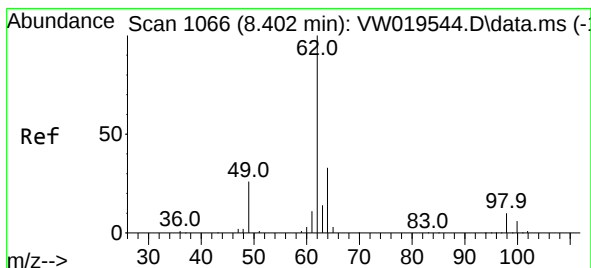
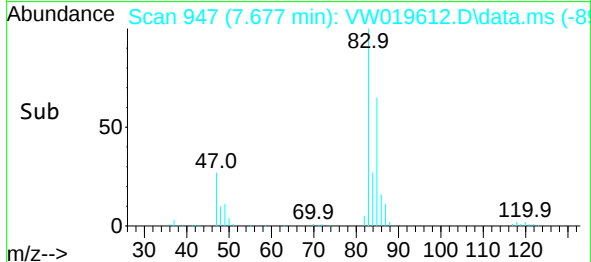
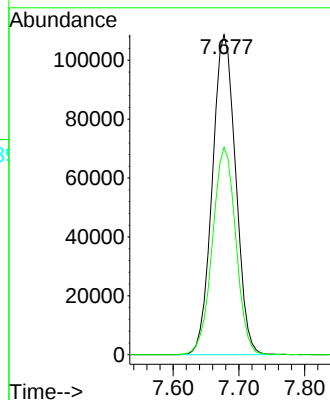
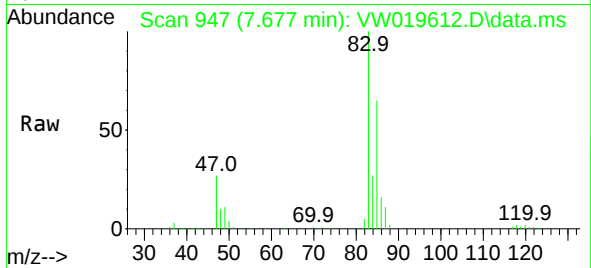




#25
Chloroform
Concen: 23.491 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

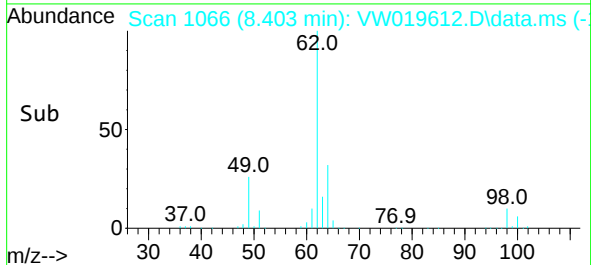
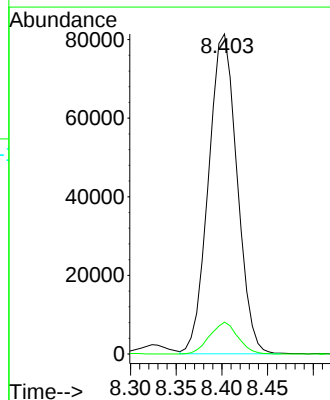
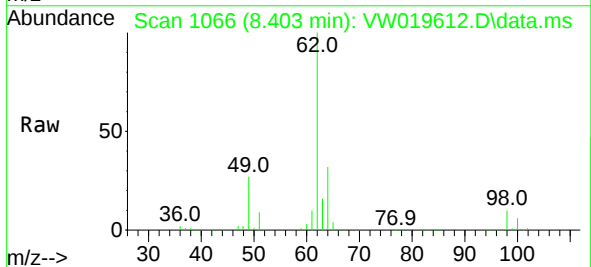
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

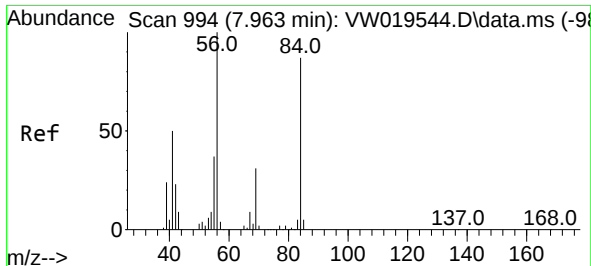
Tgt Ion: 83 Resp: 268697
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.027 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 62 Resp: 177211
Ion Ratio Lower Upper
62 100
98 9.9 6.9 10.3





#29

Cyclohexane

Concen: 22.624 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW019612.D

Acq: 27 Jul 2021 10:16

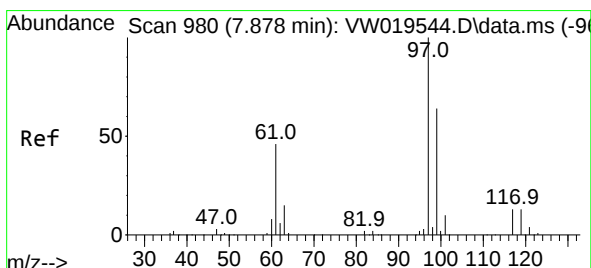
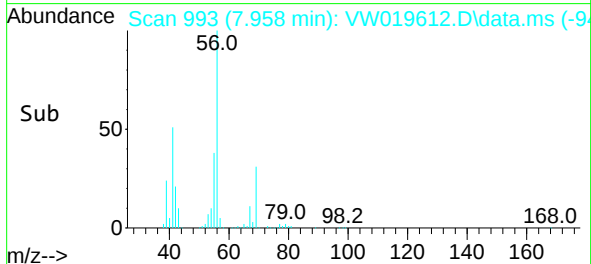
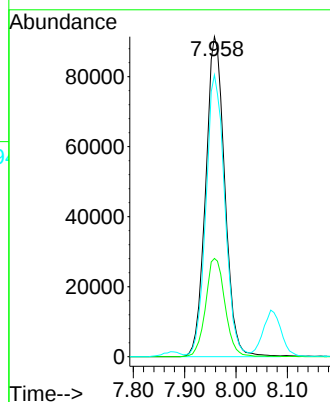
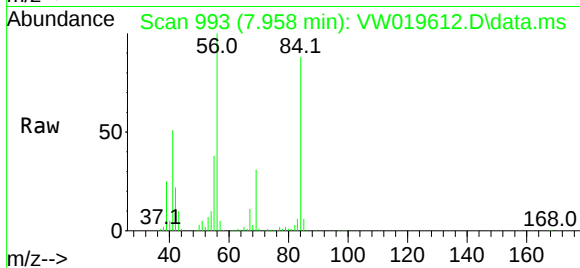
Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

Tgt Ion: 56	Resp: 236292
Ion Ratio	Lower Upper
56 100	
69 31.0	24.5 36.7
84 86.9	75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 25.099 ug/L

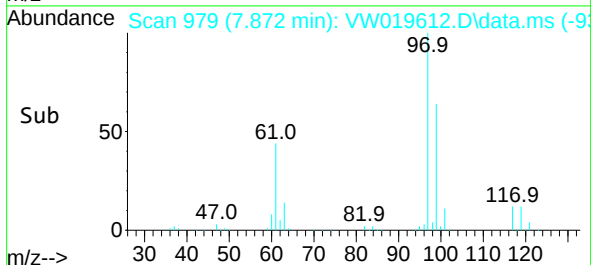
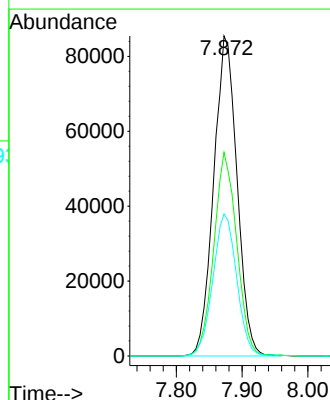
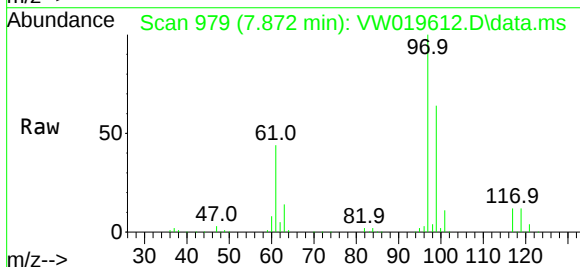
RT: 7.872 min Scan# 979

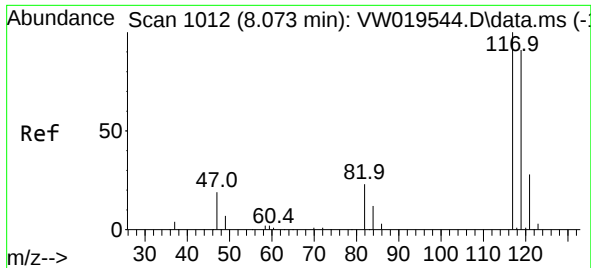
Delta R.T. 0.000 min

Lab File: VW019612.D

Acq: 27 Jul 2021 10:16

Tgt Ion: 97	Resp: 210969
Ion Ratio	Lower Upper
97 100	
99 62.6	51.4 77.2
61 45.2	37.8 56.6

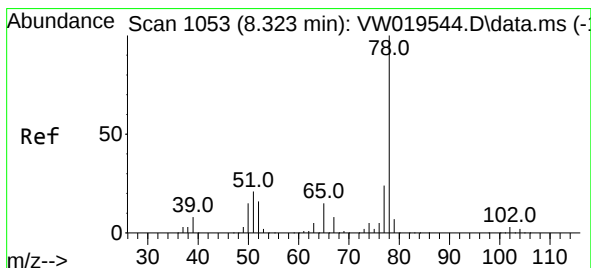
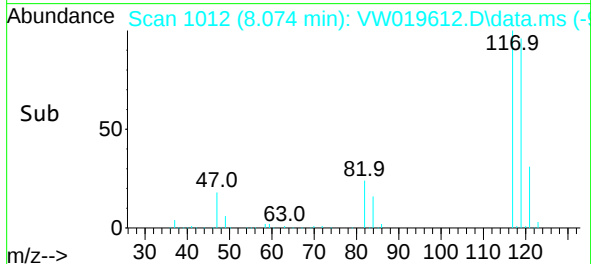
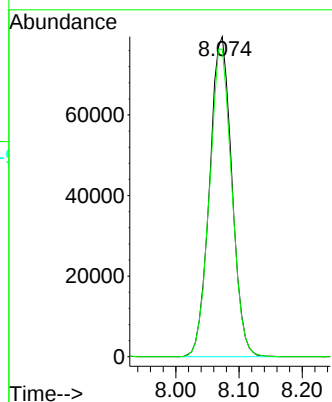
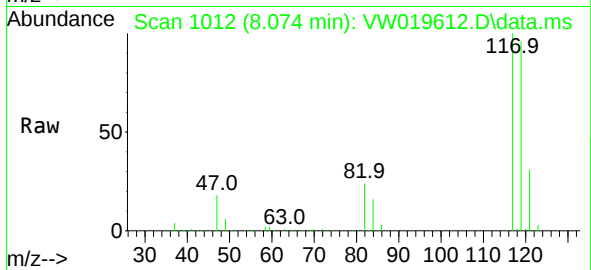




#31
Carbon tetrachloride
Concen: 24.862 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

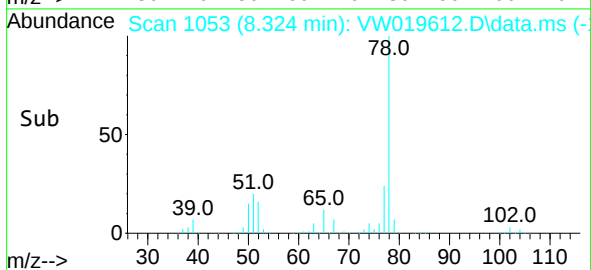
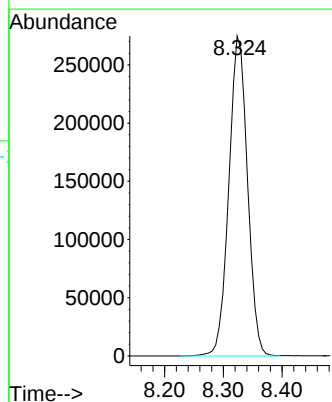
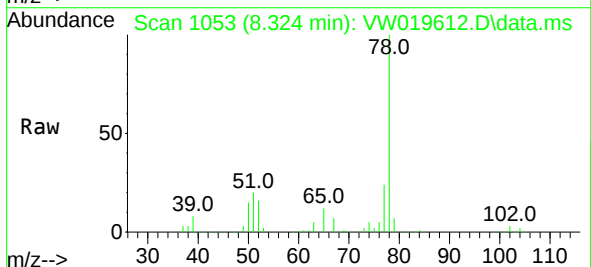
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

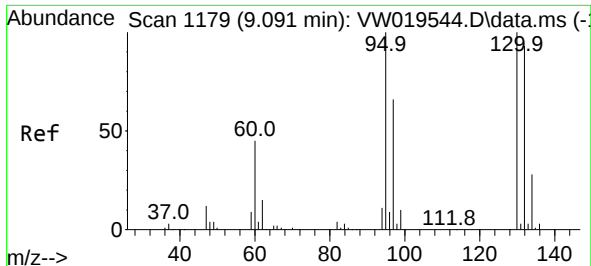
Tgt Ion:117 Resp: 194434
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7



#33
Benzene
Concen: 23.793 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 78 Resp: 606542



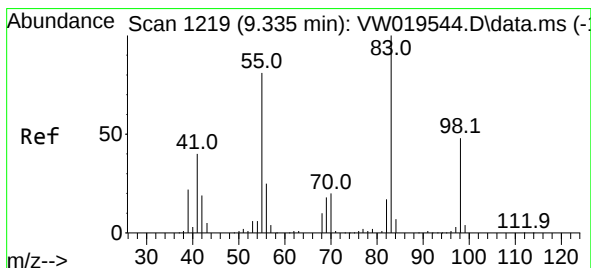
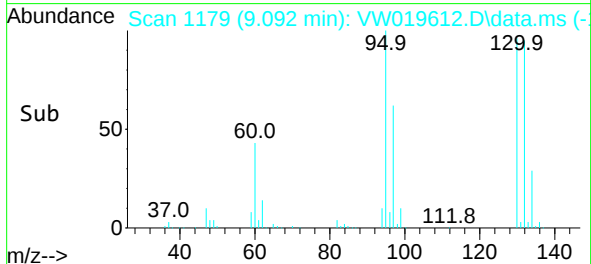
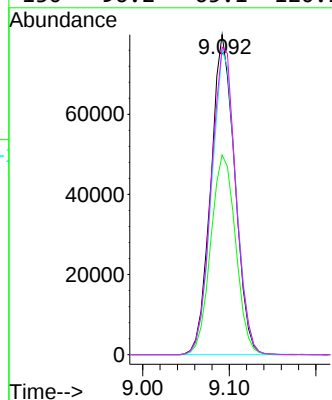
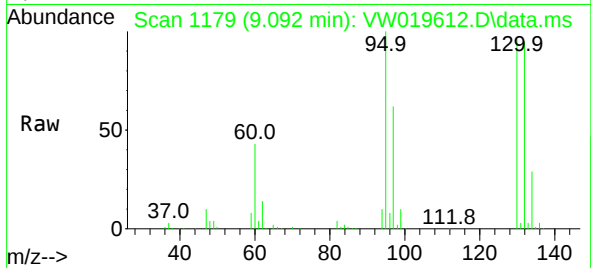


#34
Trichloroethene
Concen: 23.545 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion: 95 Resp: 153190

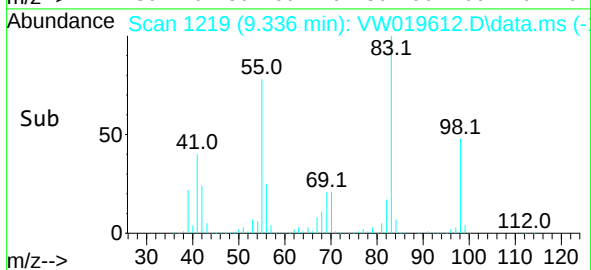
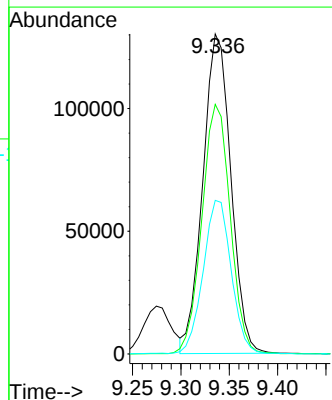
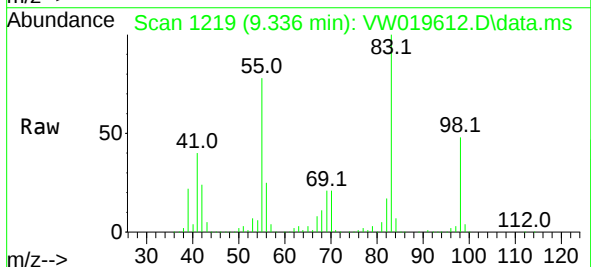
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.3	87.8
132	95.3	71.0	131.8
130	96.2	65.1	120.9

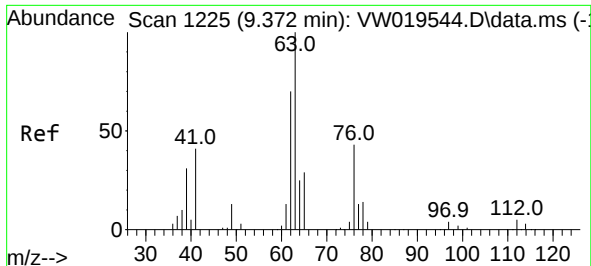


#35
Methylcyclohexane
Concen: 22.839 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 83 Resp: 262962

Ion	Ratio	Lower	Upper
83	100		
55	78.8	58.9	88.3
98	48.3	40.1	60.1

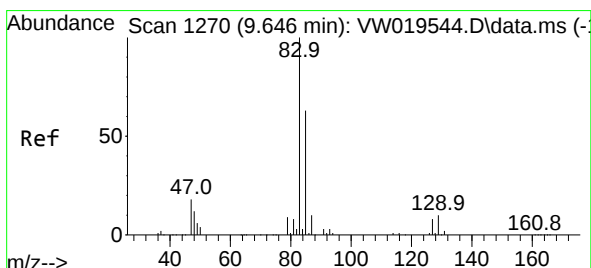
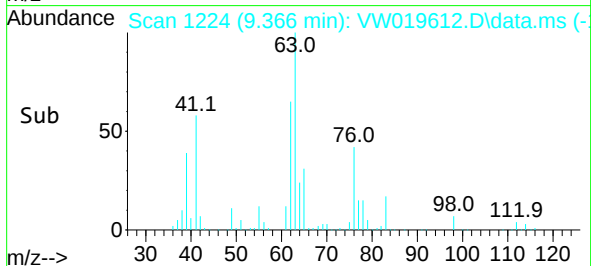
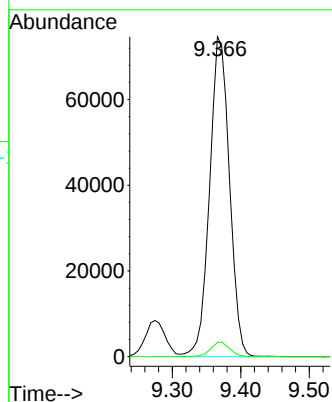
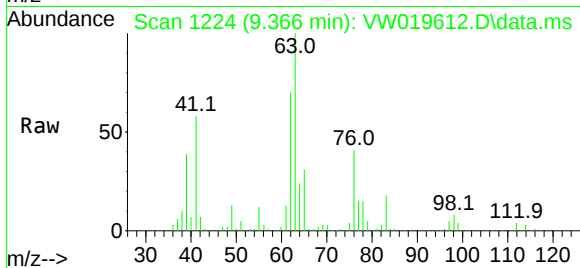




#37
1,2-Dichloropropane
Concen: 23.306 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

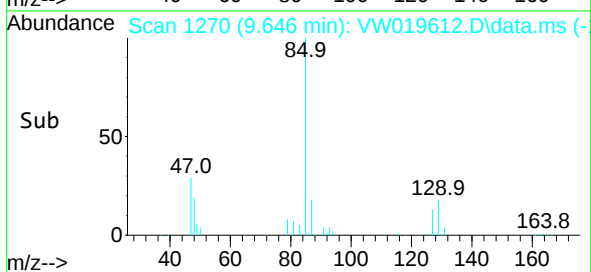
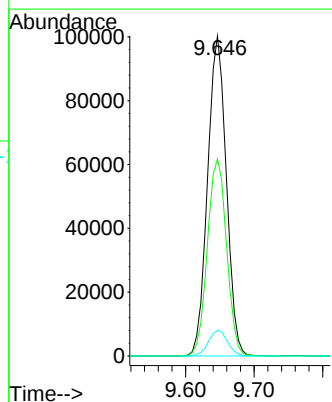
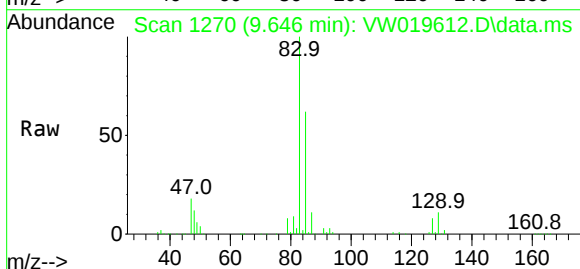
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

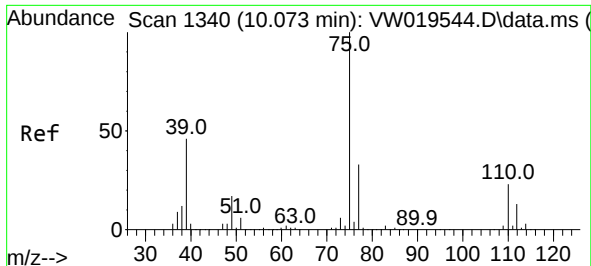
Tgt Ion: 63 Resp: 150564
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9



#38
Bromodichloromethane
Concen: 23.781 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 83 Resp: 190500
Ion Ratio Lower Upper
83 100
85 61.6 42.3 78.5
127 8.0 6.6 9.8

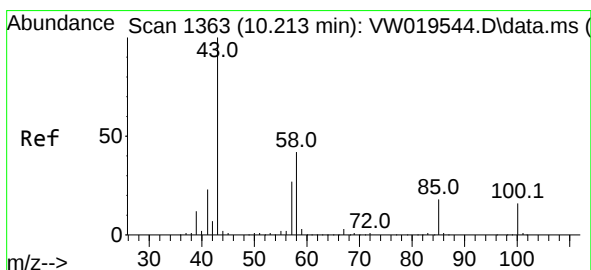
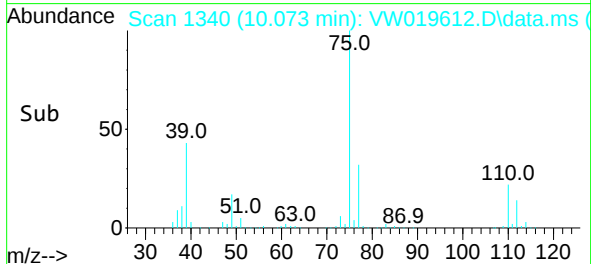
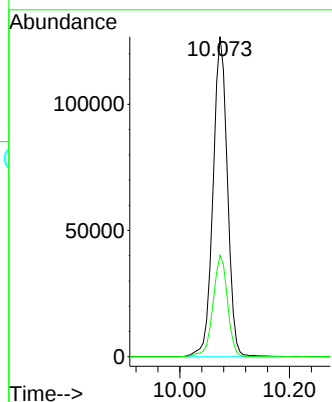
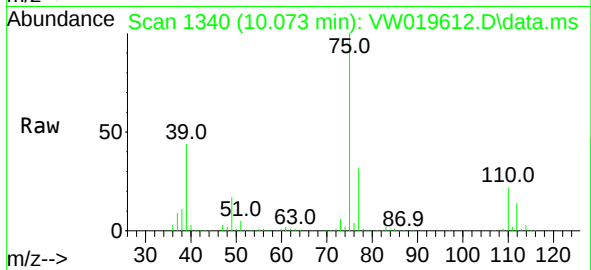




#39
 cis-1,3-Dichloropropene
 Concen: 23.301 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

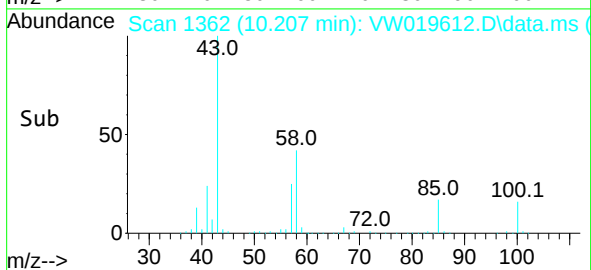
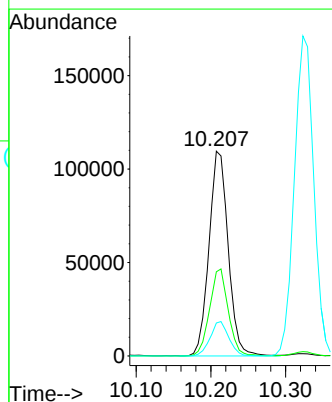
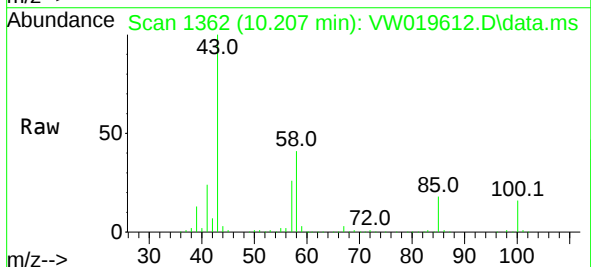
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

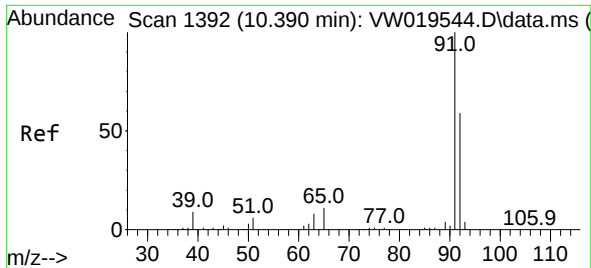
Tgt Ion: 75 Resp: 230206
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 47.976 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW019612.D
 Acq: 27 Jul 2021 10:16

Tgt Ion: 43 Resp: 195617
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.0 46.4
 100 16.4 13.0 19.6

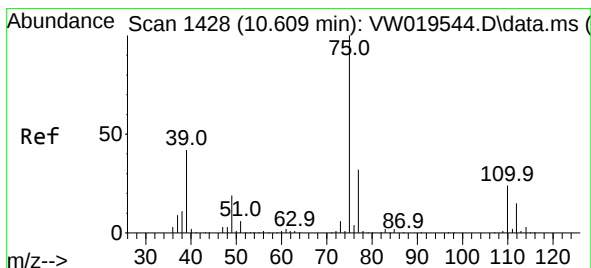
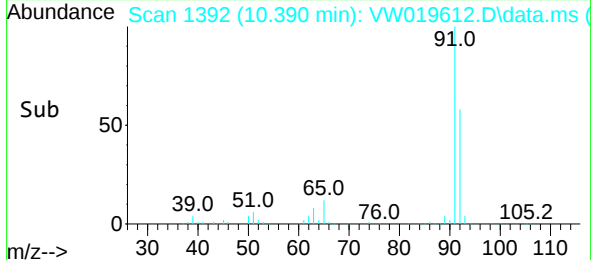
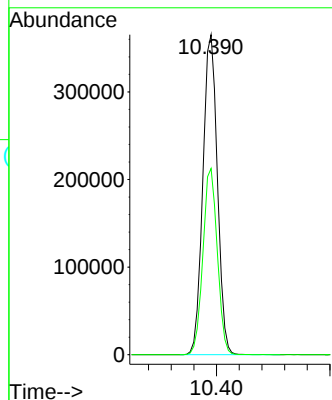
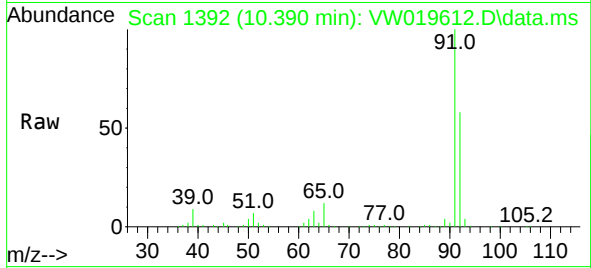




#42
Toluene
Concen: 24.423 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

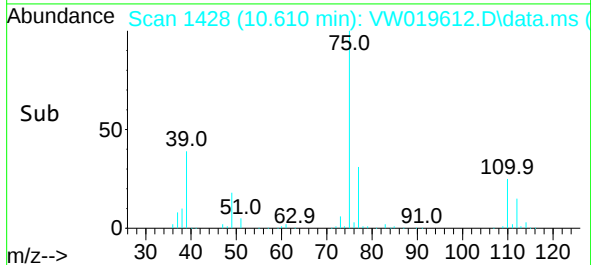
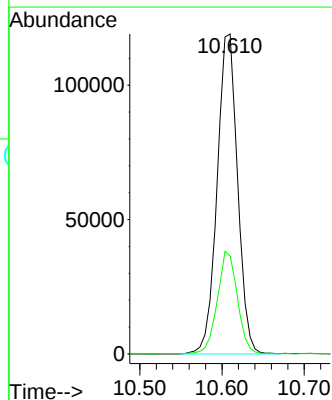
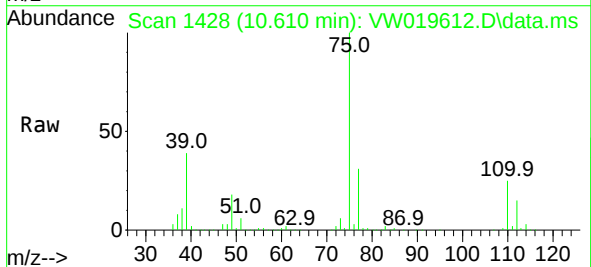
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

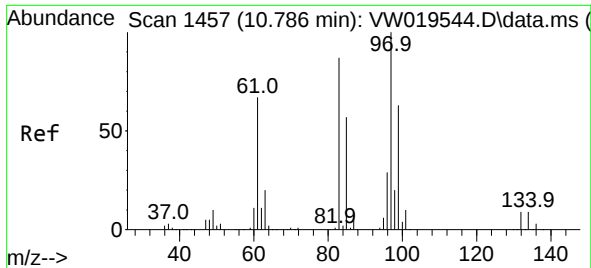
Tgt Ion: 91 Resp: 648939
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 23.719 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 75 Resp: 206121
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.1



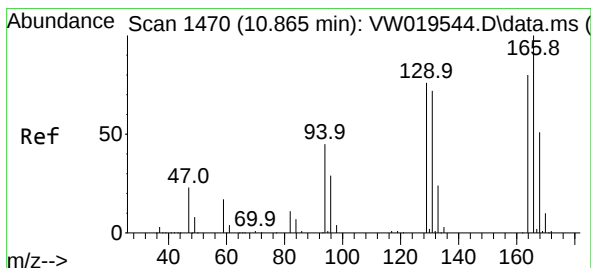
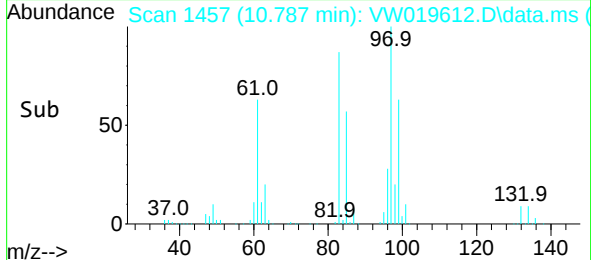
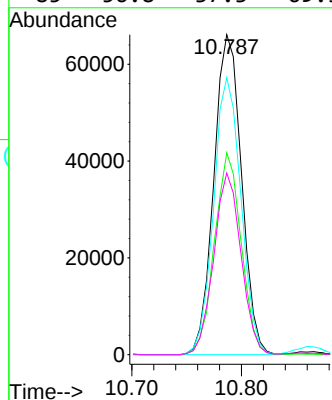
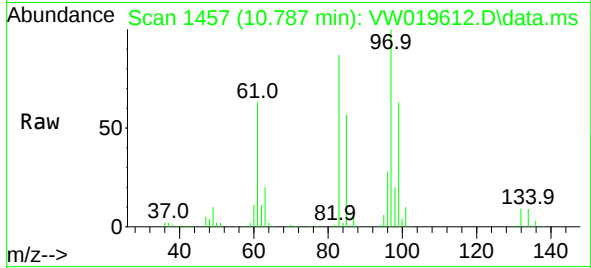


#45
1,1,2-Trichloroethane
Concen: 24.144 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion: 97 Resp: 116056

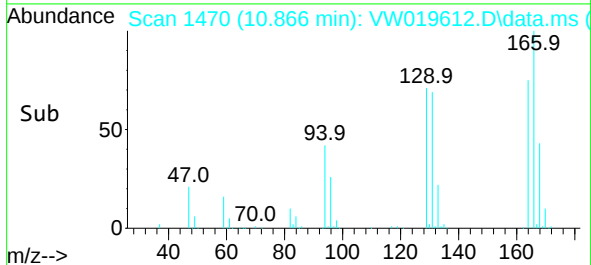
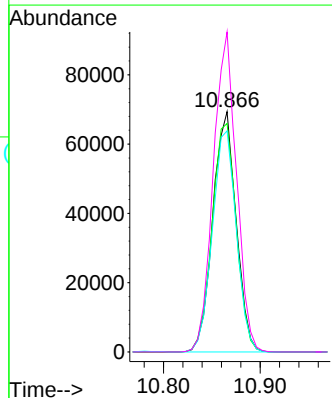
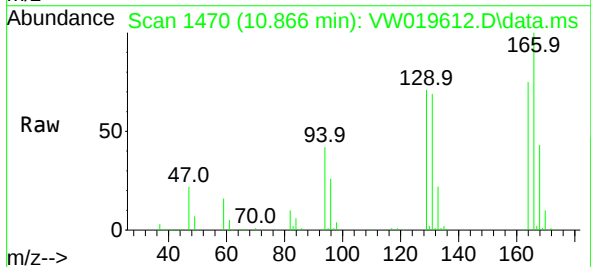
Ion	Ratio	Lower	Upper
97	100		
99	63.1	45.1	83.7
83	86.5	58.1	107.9
85	56.8	37.3	69.3

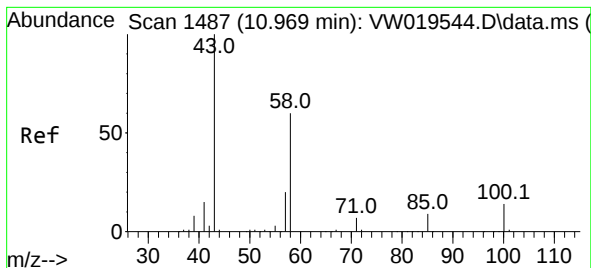


#46
Tetrachloroethene
Concen: 23.409 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 164 Resp: 116082

Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.7	123.9
131	92.1	61.1	113.5
166	133.2	87.0	161.6

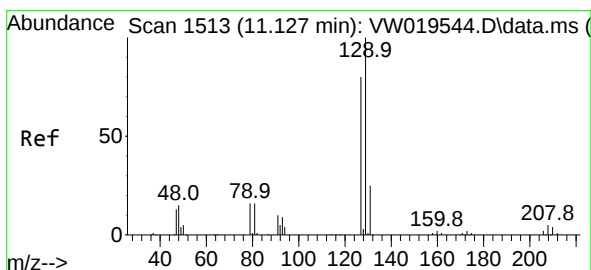
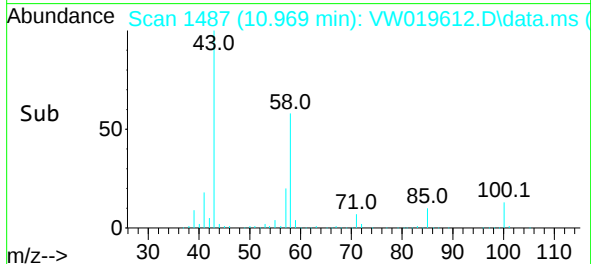
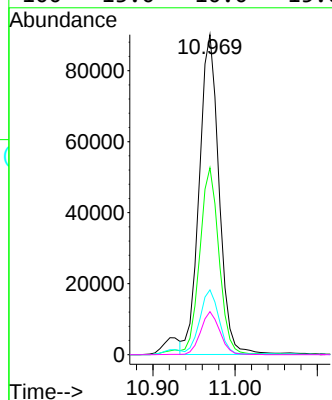
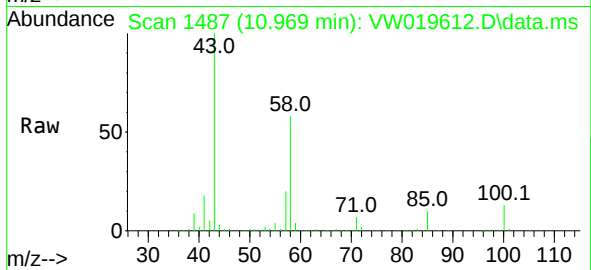




#48
2-Hexanone
Concen: 54.280 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

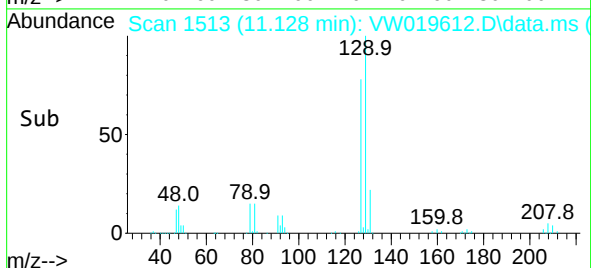
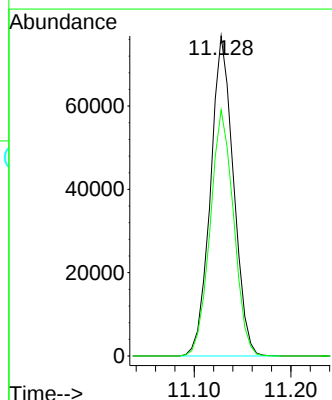
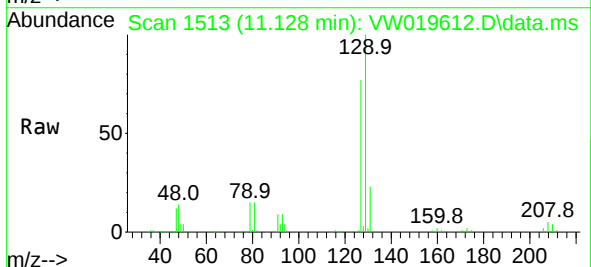
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

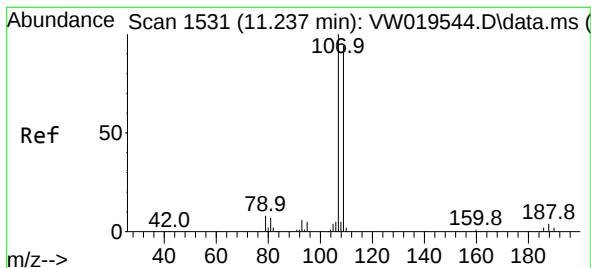
Tgt Ion: 43 Resp: 150739
Ion Ratio Lower Upper
43 100
58 56.8 42.7 64.1
57 19.4 15.8 23.8
100 13.0 10.0 15.0



#49
Dibromochloromethane
Concen: 24.561 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 129 Resp: 126965
Ion Ratio Lower Upper
129 100
127 76.9 51.7 95.9

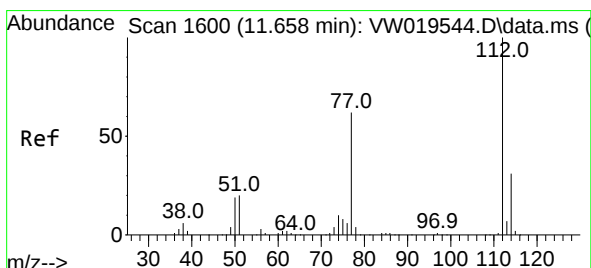
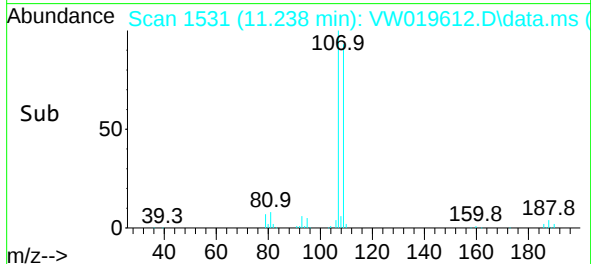
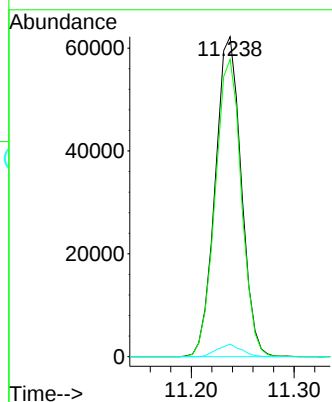
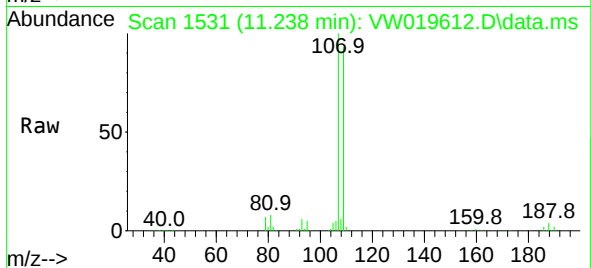




#50
1,2-Dibromoethane
Concen: 23.698 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

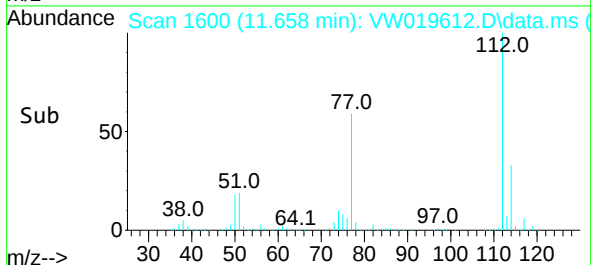
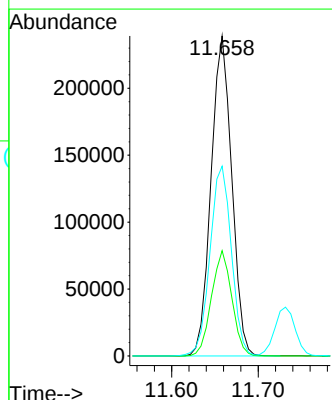
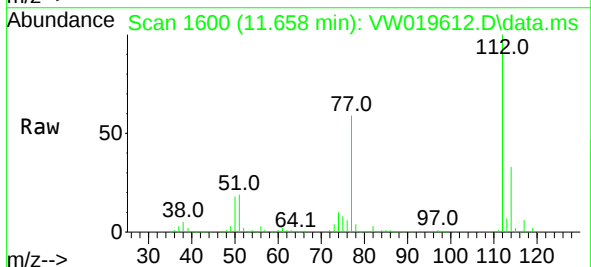
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

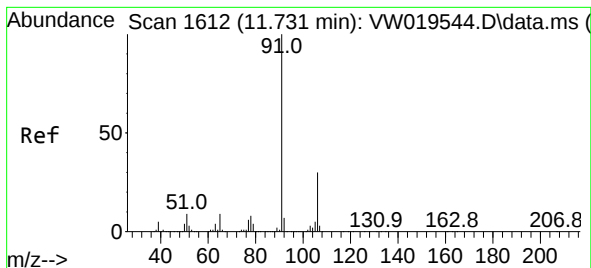
Tgt Ion:107 Resp: 109259
Ion Ratio Lower Upper
107 100
109 92.9 65.4 121.4
188 4.1 2.6 4.0#



#51
Chlorobenzene
Concen: 23.735 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:112 Resp: 396574
Ion Ratio Lower Upper
112 100
114 32.9 23.4 43.6
77 59.3 47.6 71.4

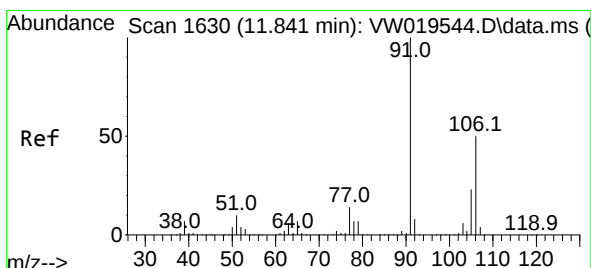
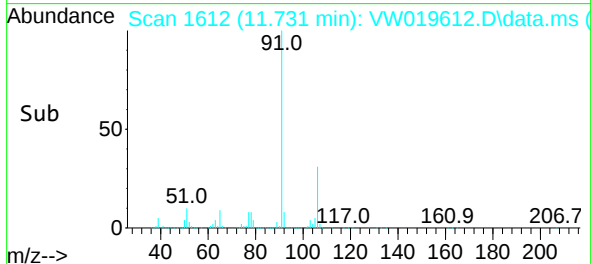
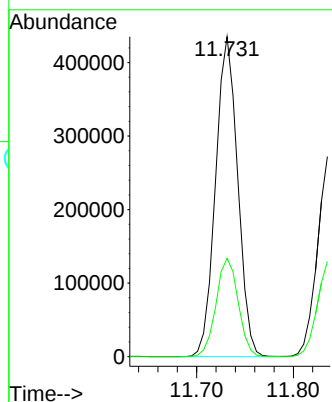
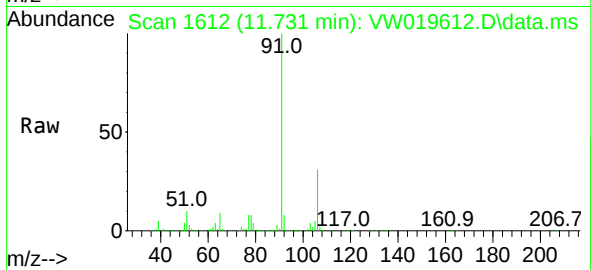




#52
Ethylbenzene
Concen: 23.869 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

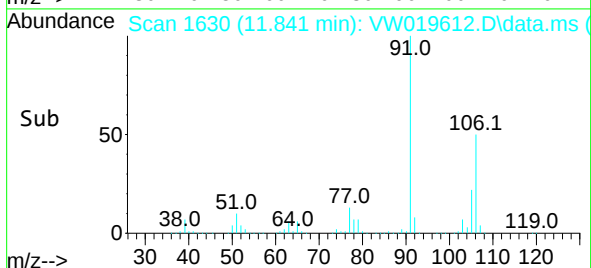
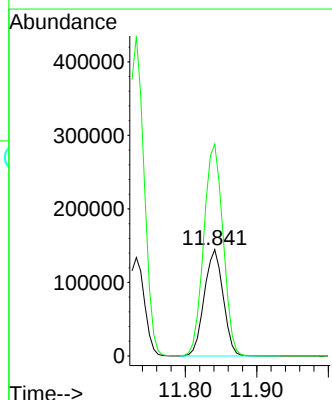
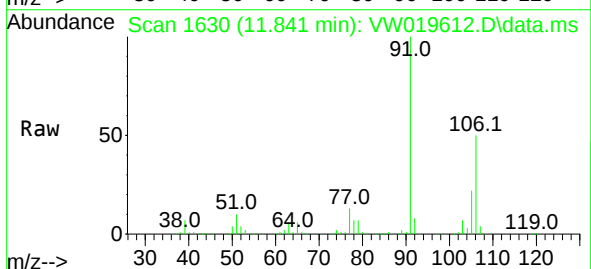
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

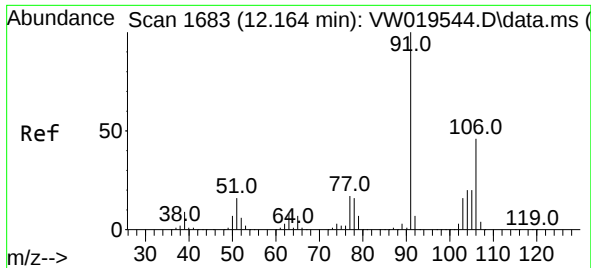
Tgt Ion: 91 Resp: 690446
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 24.245 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 106 Resp: 265039
Ion Ratio Lower Upper
106 100
91 199.1 141.3 262.3

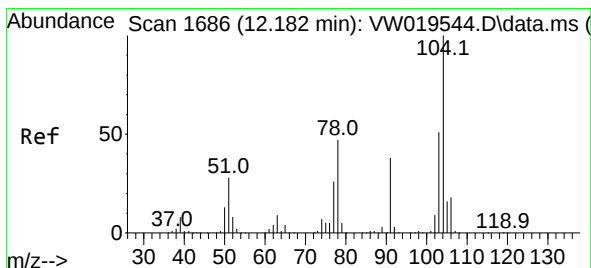
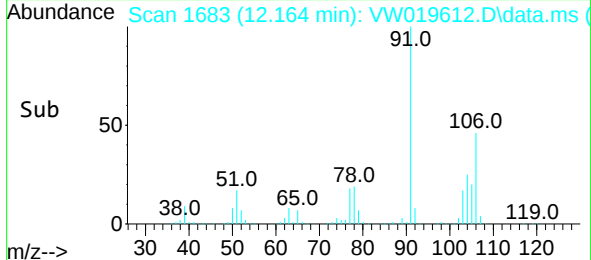
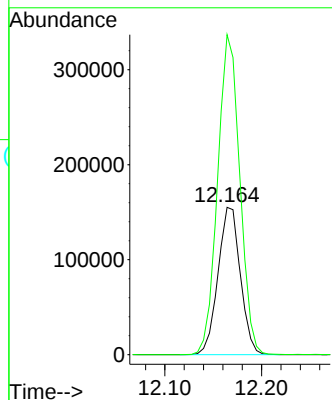
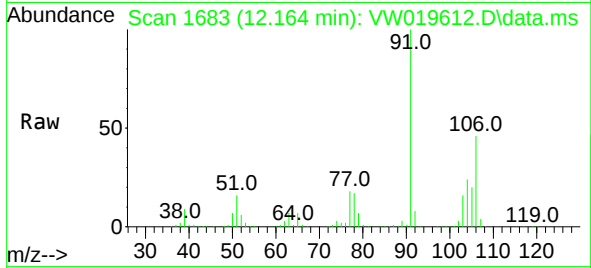




#54
o-Xylene
Concen: 24.058 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

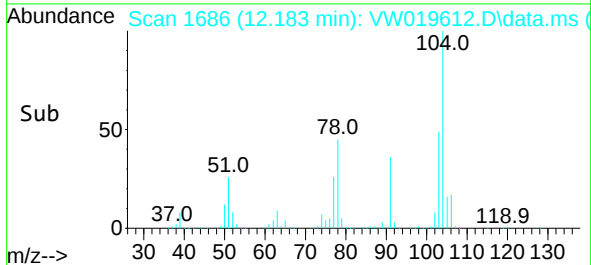
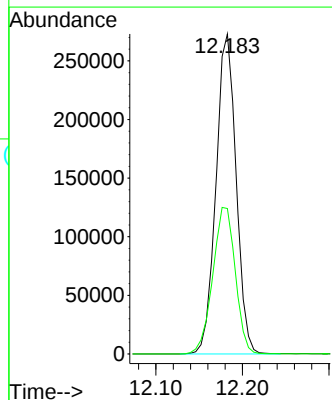
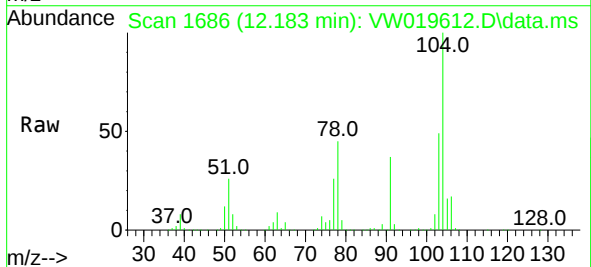
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

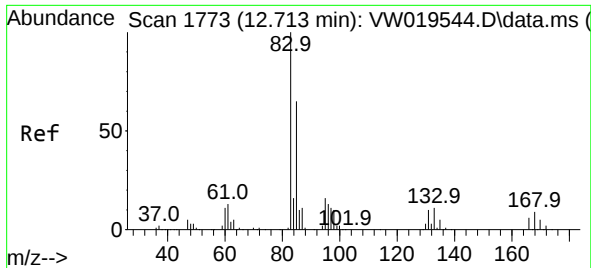
Tgt Ion:106 Resp: 248521
Ion Ratio Lower Upper
106 100
91 217.1 150.0 278.6



#55
Styrene
Concen: 24.641 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:104 Resp: 441046
Ion Ratio Lower Upper
104 100
78 45.4 32.5 60.3

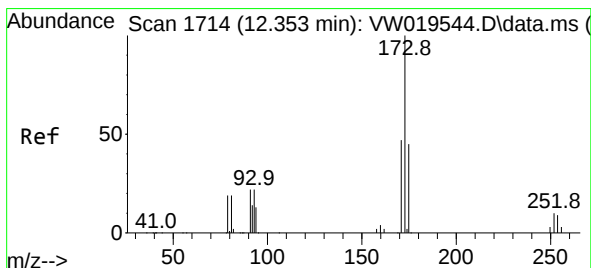
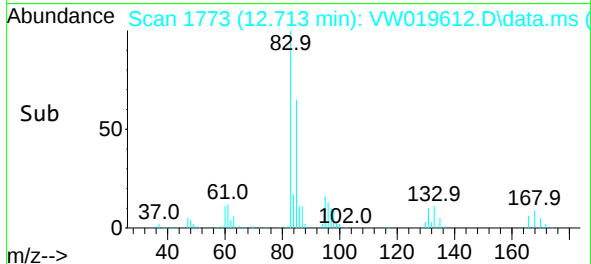
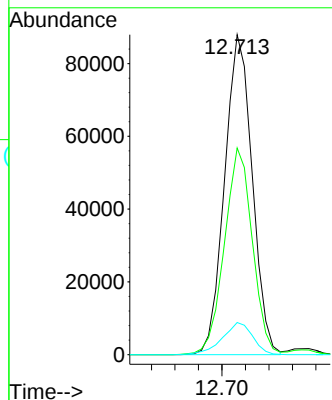
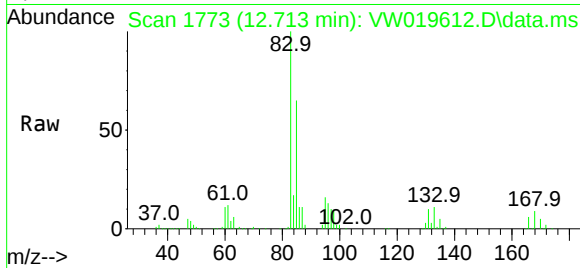




#57
1,1,2,2-Tetrachloroethane
Concen: 24.270 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

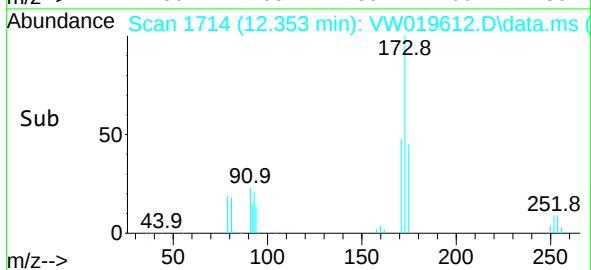
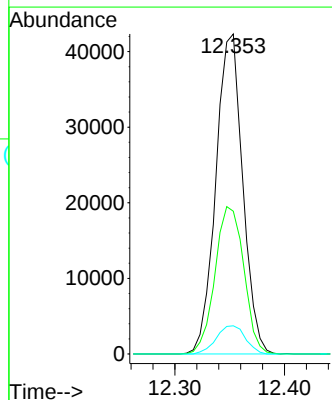
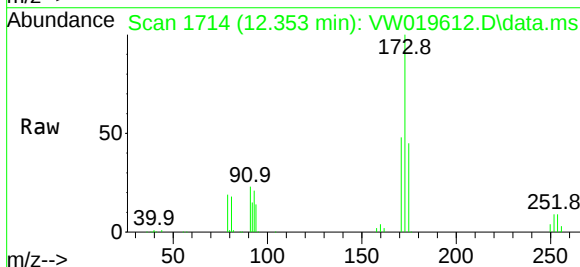
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

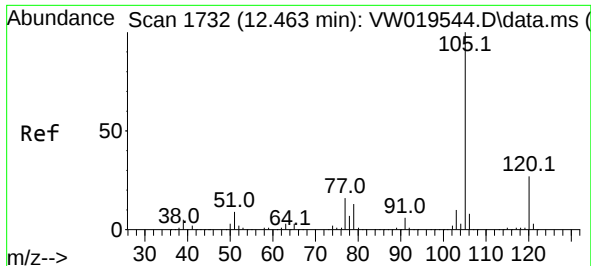
Tgt Ion:	83	Resp:	143666
Ion Ratio	Lower	Upper	
83	100		
85	64.6	44.4	82.4
131	10.1	8.2	12.4



#59
Bromoform
Concen: 23.782 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:	173	Resp:	72183
Ion Ratio	Lower	Upper	
173	100		
175	49.3	37.5	56.3
254	9.5	7.0	10.4

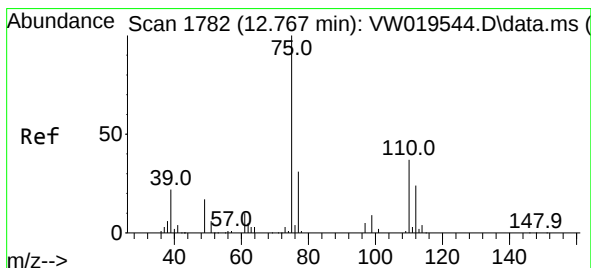
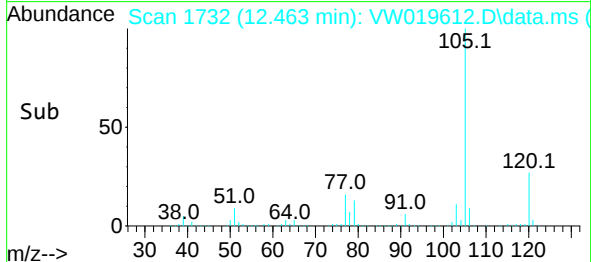
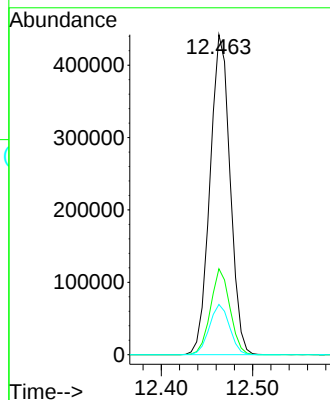
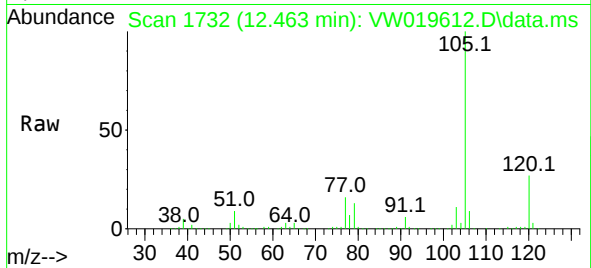




#60
Isopropylbenzene
Concen: 23.558 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

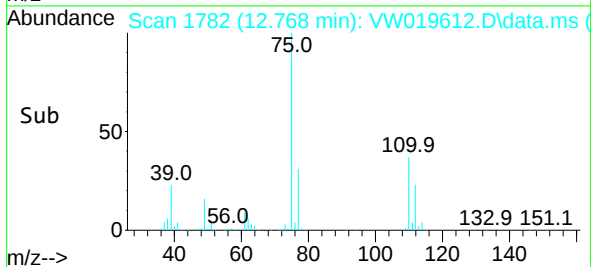
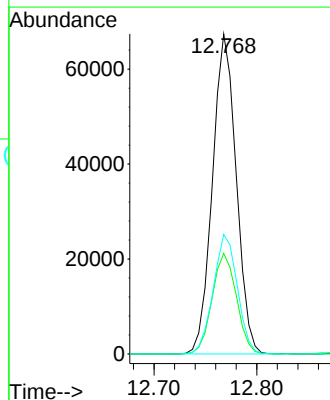
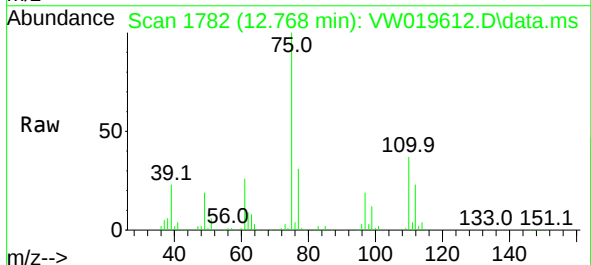
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

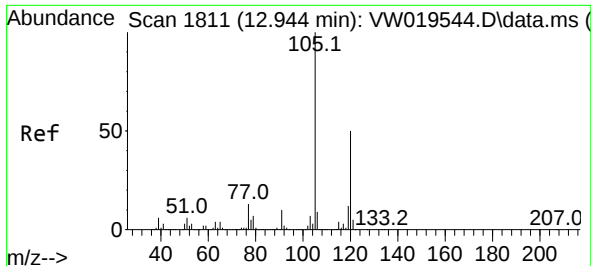
Tgt Ion:105 Resp: 673245
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 23.221 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 75 Resp: 108167
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 37.9 32.6 48.8

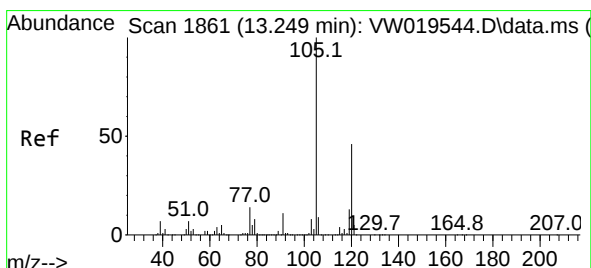
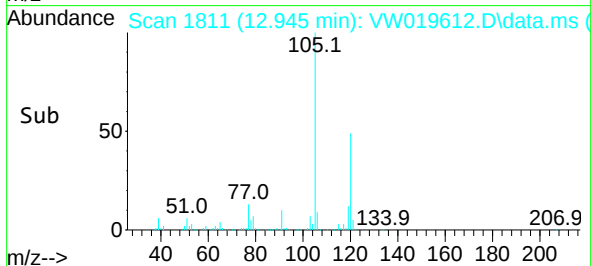
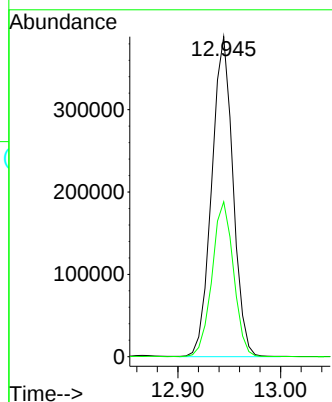
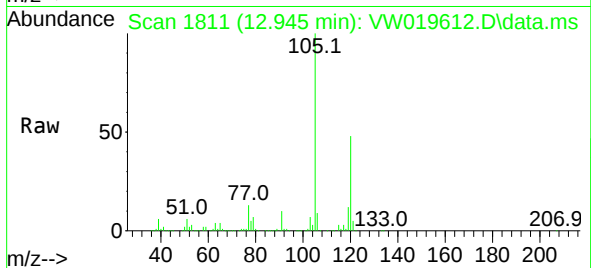




#62
1,3,5-Trimethylbenzene
Concen: 23.412 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

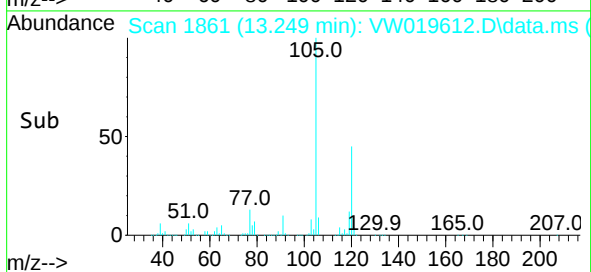
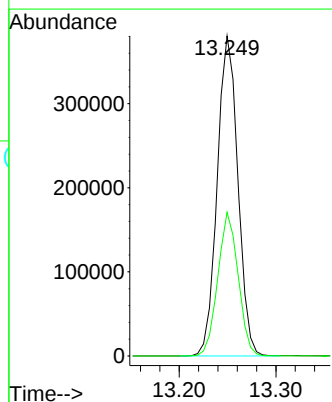
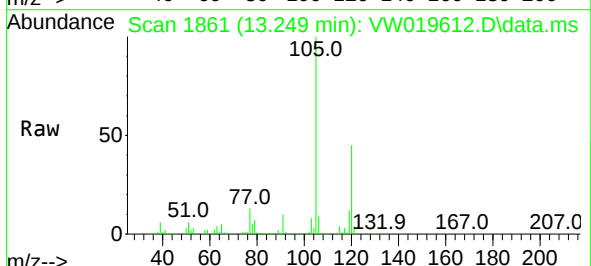
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

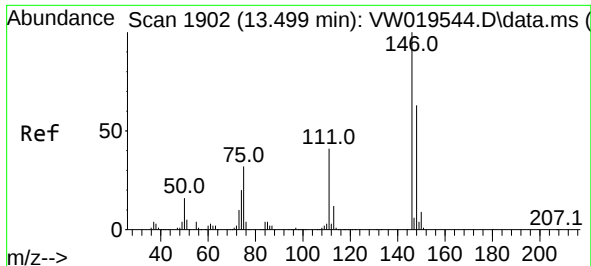
Tgt Ion:105 Resp: 560208
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.411 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:105 Resp: 564453
Ion Ratio Lower Upper
105 100
120 44.1 35.6 53.4

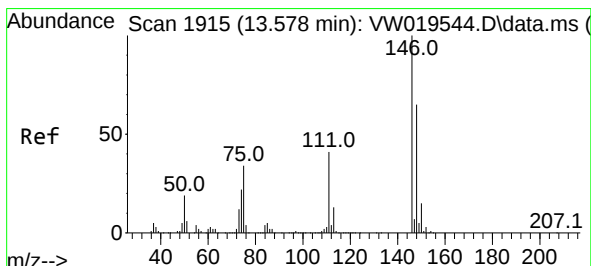
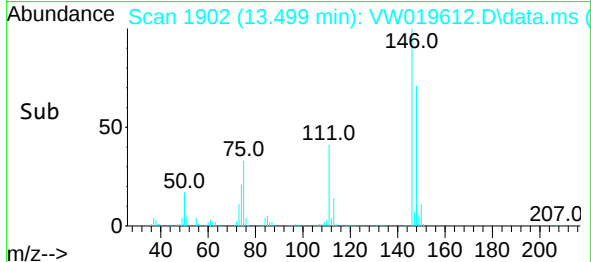
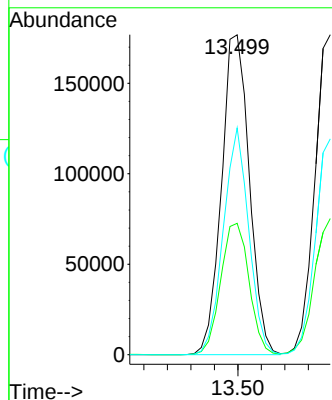
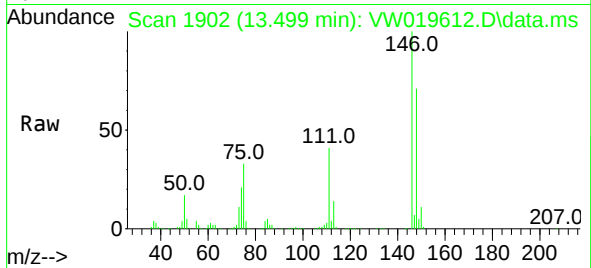




#64
1,3-Dichlorobenzene
Concen: 22.250 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

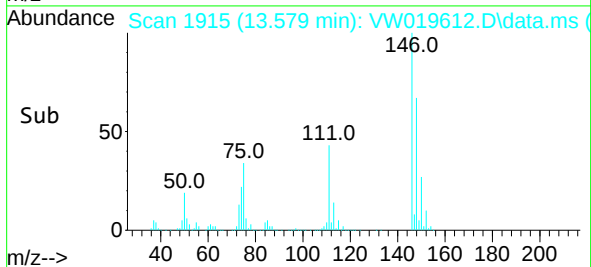
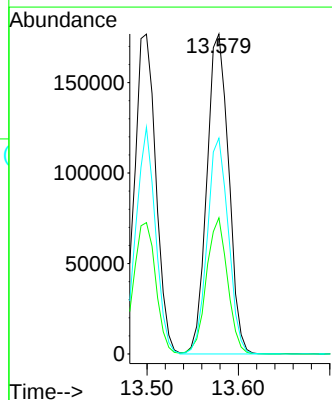
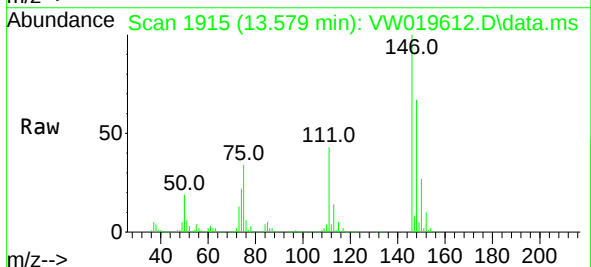
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

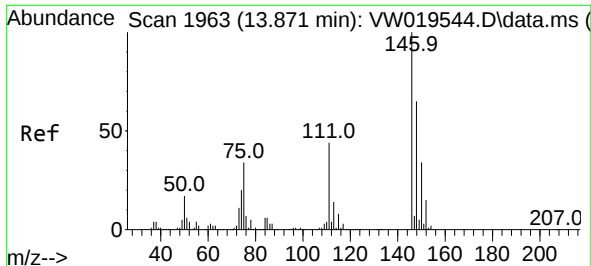
Tgt Ion:146 Resp: 290973
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 70.9 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 22.675 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:146 Resp: 293009
Ion Ratio Lower Upper
146 100
111 42.6 28.8 53.4
148 67.4 46.8 87.0

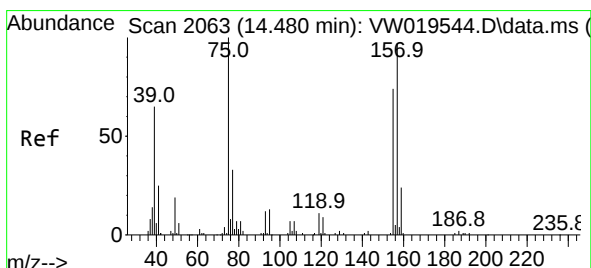
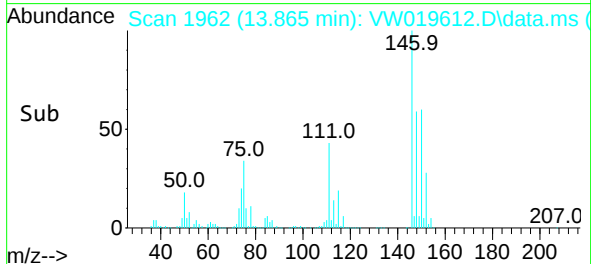
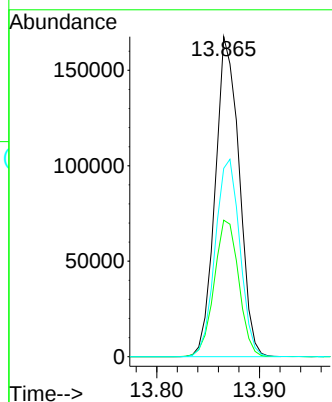
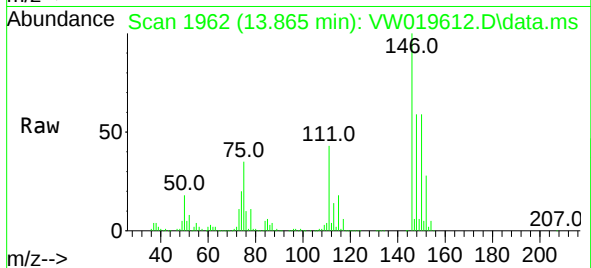




#67
1,2-Dichlorobenzene
Concen: 23.006 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

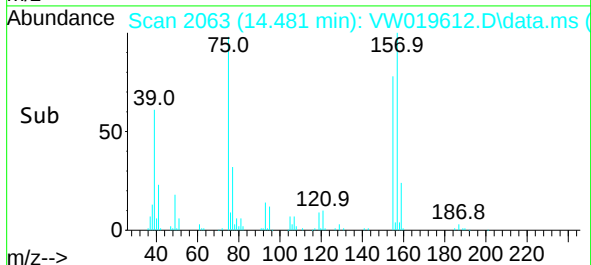
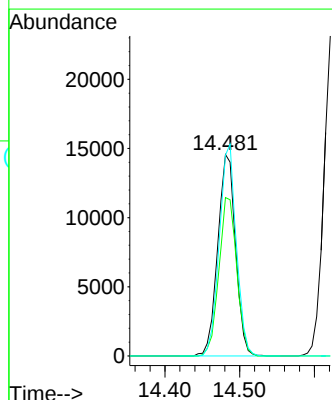
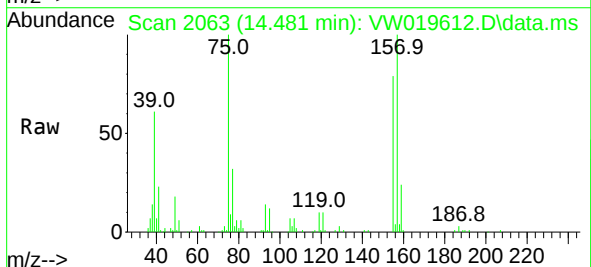
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

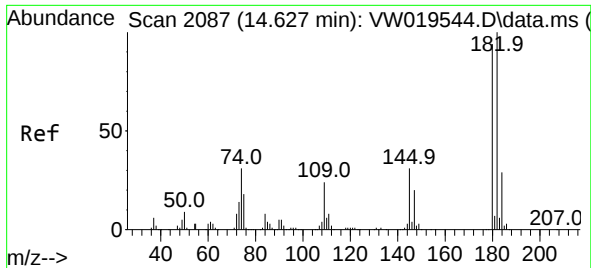
Tgt Ion:146 Resp: 271046
Ion Ratio Lower Upper
146 100
111 42.6 33.2 49.8
148 58.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.707 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion: 75 Resp: 24098
Ion Ratio Lower Upper
75 100
155 78.6 59.4 89.0
157 99.6 72.2 108.2

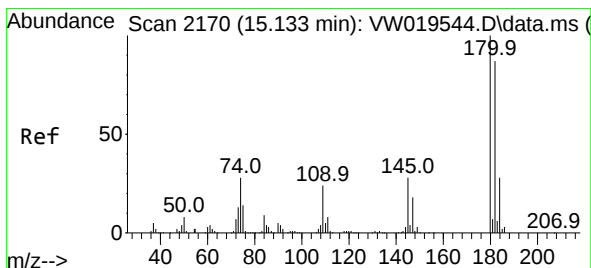
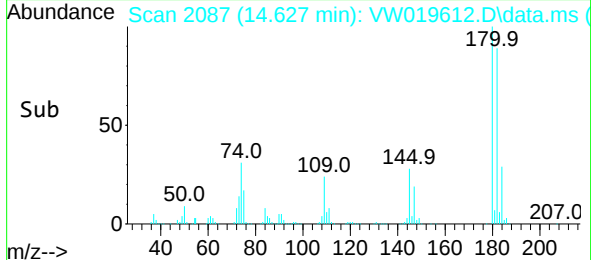
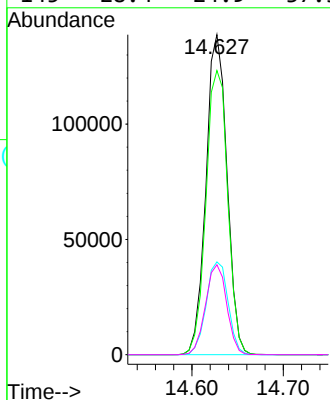
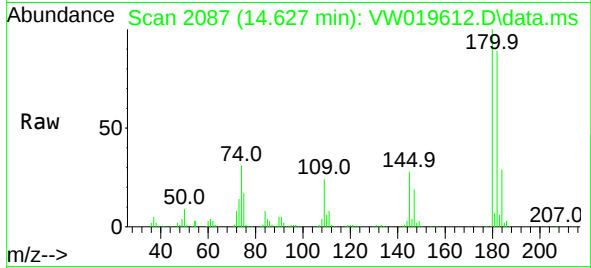




#69
1,3,5-Trichlorobenzene
Concen: 23.197 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

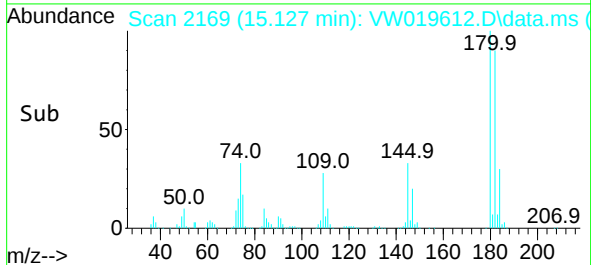
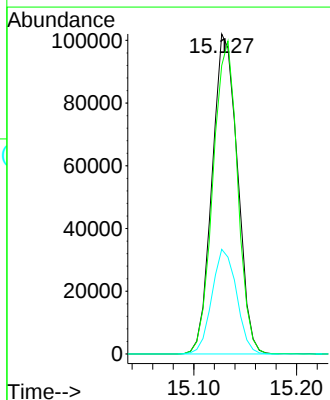
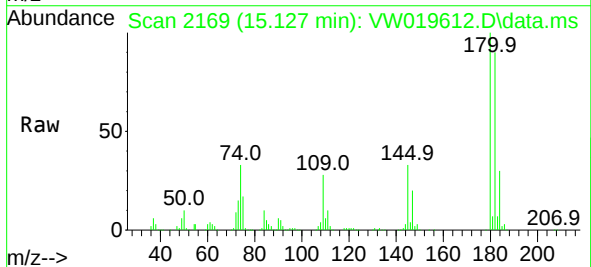
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

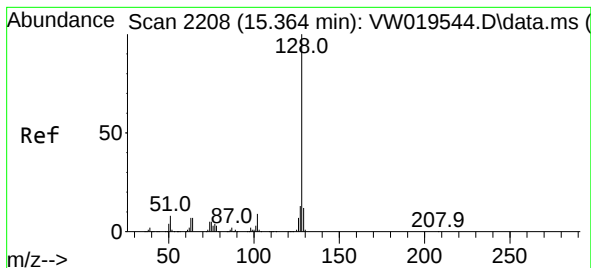
Tgt Ion:	180	Resp:	221658
Ion Ratio	Lower	Upper	
180	100		
182	91.8	73.4	110.2
184	30.3	23.6	35.4
145	28.4	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 21.886 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:	180	Resp:	174845
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.7	112.1
145	31.9	25.0	37.4

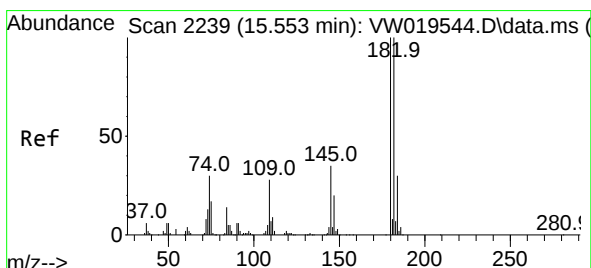
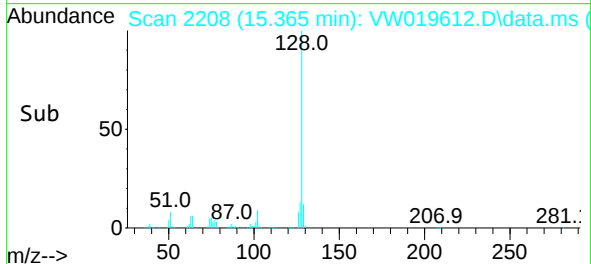
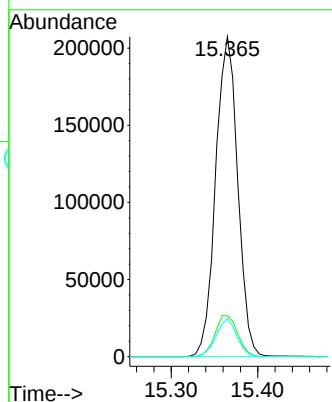
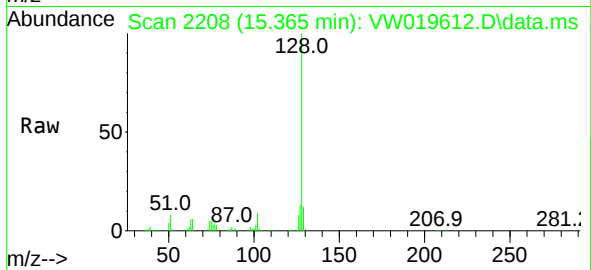




#71
Naphthalene
Concen: 22.748 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion:128 Resp: 367053
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.2 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 22.549 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019612.D
Acq: 27 Jul 2021 10:16

Tgt Ion:180 Resp: 161325
Ion Ratio Lower Upper
180 100
182 91.7 76.7 115.1
145 33.0 28.9 43.3

