

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018505.D
 Acq On : 31 Mar 2021 11:05
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: Mar 31 12:03:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	487912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	464166	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	256779	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	199698	33.99	ug/L	0.00
7) Chloroethane-d5	2.891	69	157063	34.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	294086	26.48	ug/L	0.00
21) 2-Butanone-d5	7.074	46	84392	67.86	ug/L	0.00
24) Chloroform-d	7.653	84	313337	26.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	194533	31.15	ug/L	0.00
32) Benzene-d6	8.275	84	610613	25.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	177740	26.18	ug/L	0.00
41) Toluene-d8	10.323	98	595933	25.62	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	89798	28.78	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	75384	66.96	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	175647	30.67	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	203048	22.29	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	131528	22.23	ug/L	95
3) Chloromethane	2.215	50	165831	33.30	ug/L	99
5) Vinyl chloride	2.367	62	261401	35.87	ug/L	95
6) Bromomethane	2.782	94	181983	35.99	ug/L	99
8) Chloroethane	2.928	64	157082	37.86	ug/L	97
9) Trichlorofluoromethane	3.257	101	113616	24.78	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	161131	25.32	ug/L	96
12) 1,1-Dichloroethene	4.044	96	162214	26.08	ug/L	92
13) Acetone	4.117	43	58803	68.17	ug/L	92
14) Carbon disulfide	4.385	76	502722	26.26	ug/L	100
15) Methyl Acetate	4.665	43	75610	33.69	ug/L #	81
16) Methylene chloride	4.922	84	170066	24.88	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	179441	26.95	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	231593	33.29	ug/L	99
19) 1,1-Dichloroethane	6.214	63	304068	28.57	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	189208	27.24	ug/L	99
22) 2-Butanone	7.171	43	101044	72.58	ug/L	97
23) Bromochloromethane	7.513	128	86142	26.34	ug/L	91
25) Chloroform	7.677	83	333084	28.76	ug/L	98
27) 1,2-Dichloroethane	8.396	62	241829	33.16	ug/L	97
29) Cyclohexane	7.958	56	268074	27.71	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	266457	27.45	ug/L	100
31) Carbon tetrachloride	8.067	117	251782	26.89	ug/L	100
33) Benzene	8.323	78	709445	27.51	ug/L	100
34) Trichloroethene	9.091	95	193585	26.87	ug/L	94
35) Methylcyclohexane	9.335	83	327273	27.43	ug/L	98
37) 1,2-Dichloropropane	9.366	63	173404	28.72	ug/L	99
38) Bromodichloromethane	9.646	83	245943	29.04	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	291679	29.97	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	235735	72.62	ug/L	97
42) Toluene	10.390	91	802227	28.09	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	270932	31.86	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

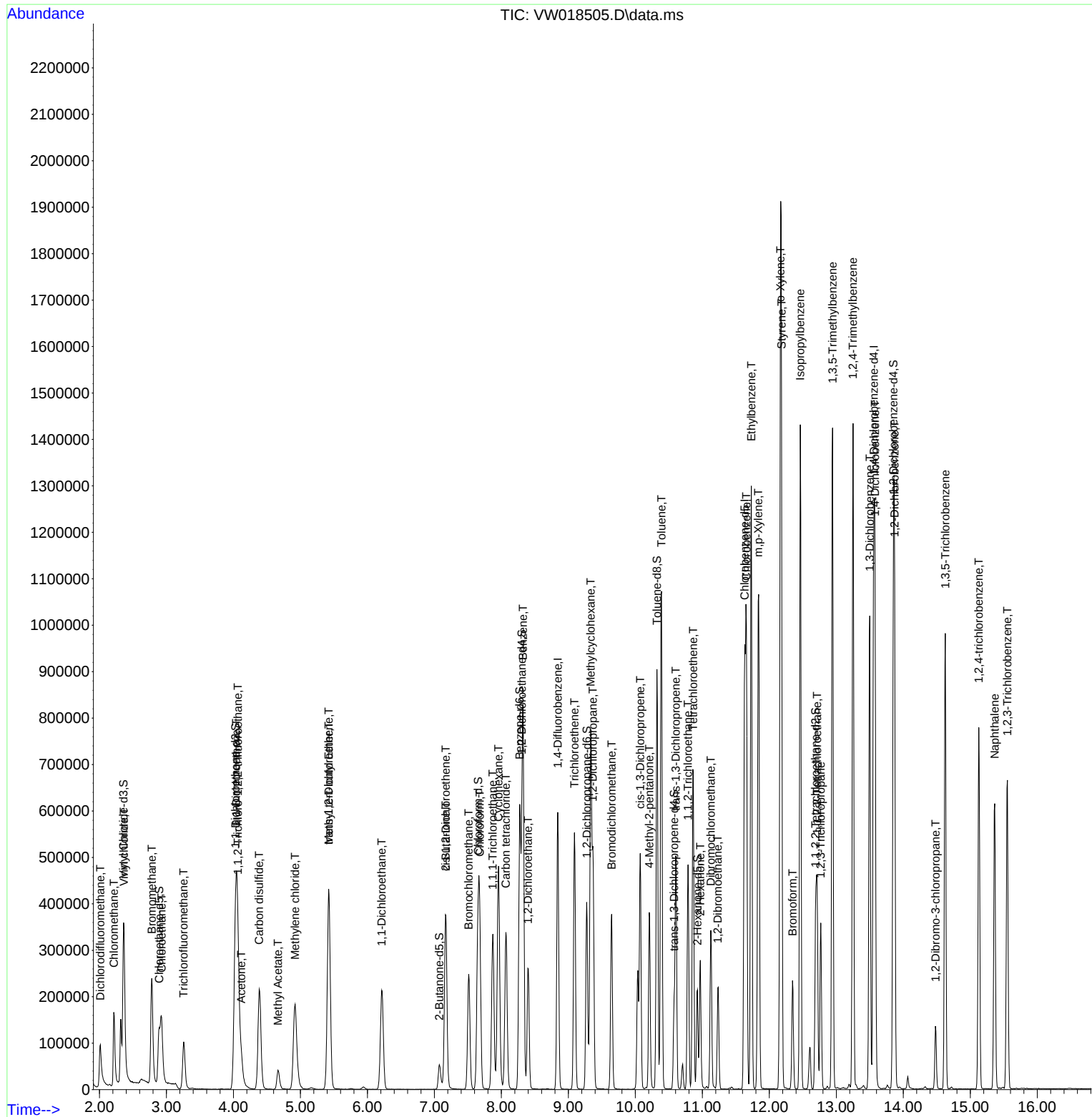
45) 1,1,2-Trichloroethane	10.786	97	145199	29.39	ug/L	97
46) Tetrachloroethene	10.866	164	149285	24.02	ug/L	94
48) 2-Hexanone	10.969	43	167457	75.12	ug/L	97
49) Dibromochloromethane	11.128	129	172955	28.53	ug/L	99
50) 1,2-Dibromoethane	11.231	107	145718	30.03	ug/L	100
51) Chlorobenzene	11.658	112	508757	26.88	ug/L	98
52) Ethylbenzene	11.731	91	911400	28.21	ug/L	97
53) m,p-Xylene	11.835	106	335701	27.02	ug/L	93
54) o-Xylene	12.164	106	327944	27.70	ug/L	97
55) Styrene	12.182	104	584544	29.08	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	191459	33.37	ug/L	97
59) Bromoform	12.347	173	101029	27.11	ug/L	98
60) Isopropylbenzene	12.463	105	888067	26.03	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	140250	31.25	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	755024	26.33	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	770979	26.88	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	400220	24.60	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	398312	24.47	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	363483	24.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	34169	34.37	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	286342	23.26	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	231632	22.95	ug/L	94
71) Naphthalene	15.365	128	526408	28.52	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	215268	24.18	ug/L	96

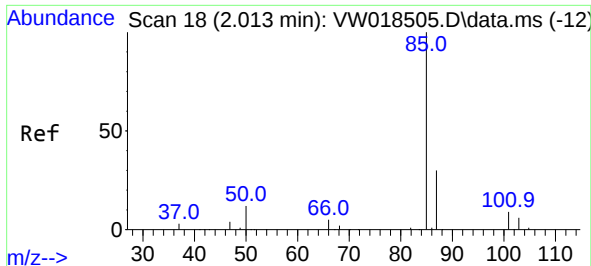
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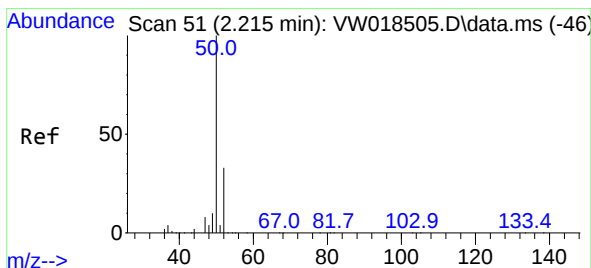
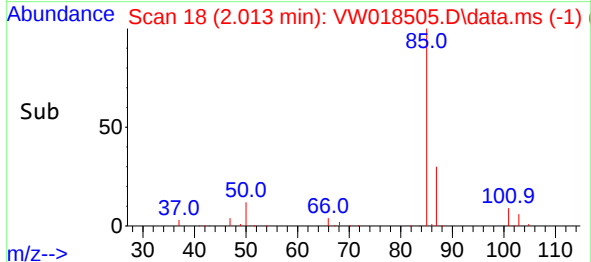
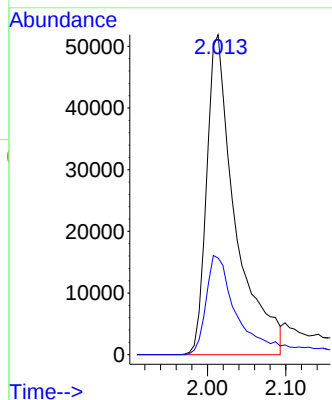
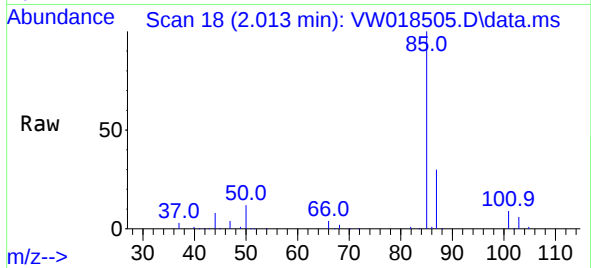




#2
Dichlorodifluoromethane
Concen: 22.23 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

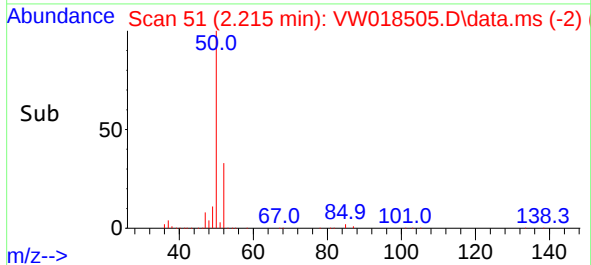
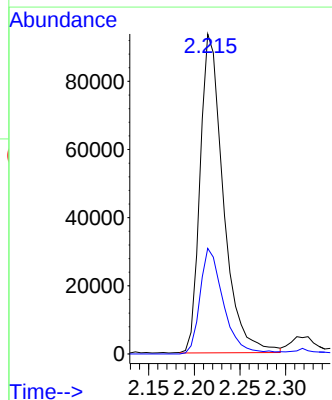
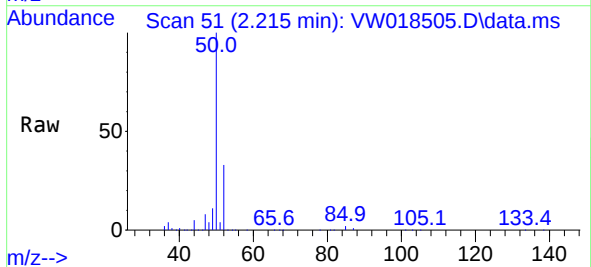
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MSVOA_W
ClientSampleId :
VSTD025102

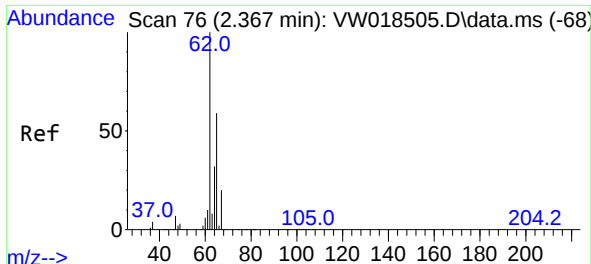
Tgt Ion: 85 Resp: 131528
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9



#3
Chloromethane
Concen: 33.30 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 50 Resp: 165831
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

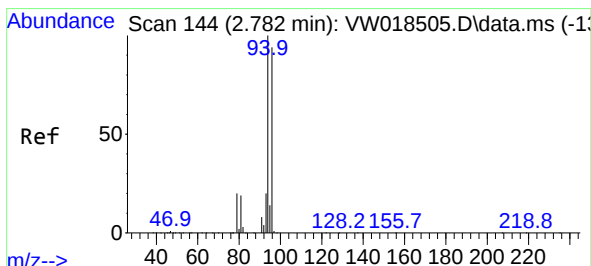
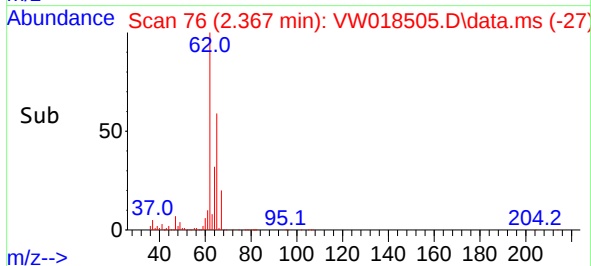
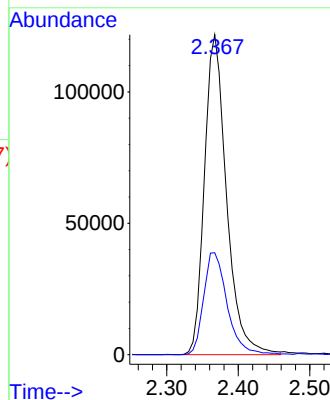
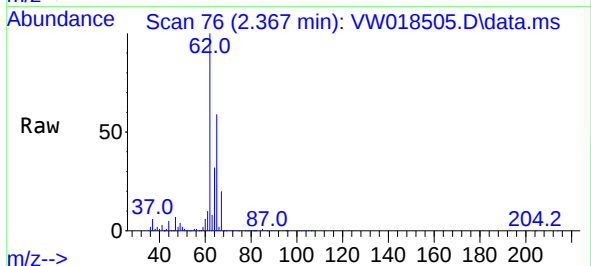




#5
 Vinyl chloride
 Concen: 35.87 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018505.D
 Acq: 31 Mar 2021 11:05

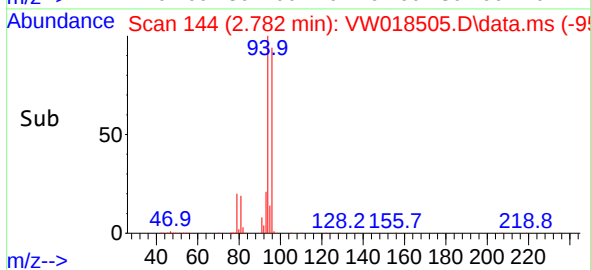
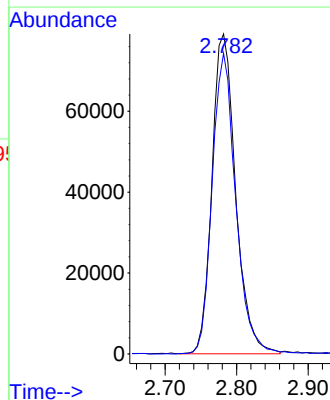
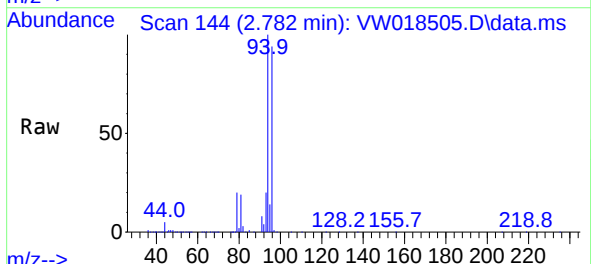
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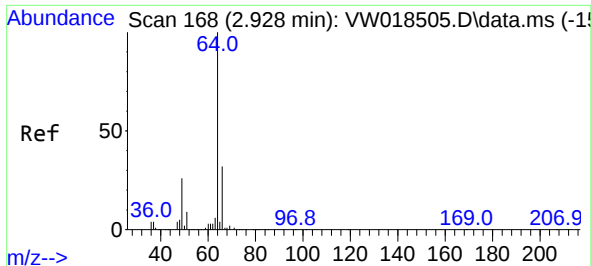
Tgt Ion: 62 Resp: 261401
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.2 45.0



#6
 Bromomethane
 Concen: 35.99 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018505.D
 Acq: 31 Mar 2021 11:05

Tgt Ion: 94 Resp: 181983
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.3 121.3

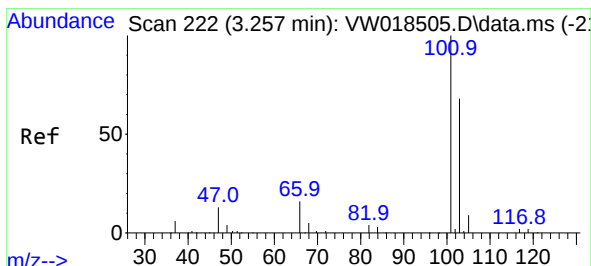
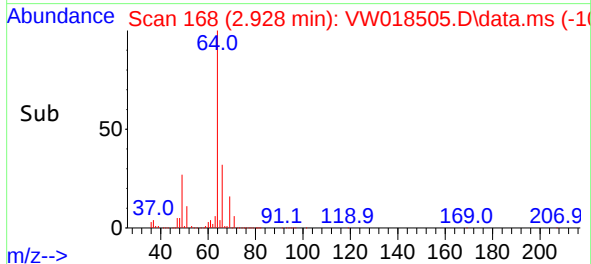
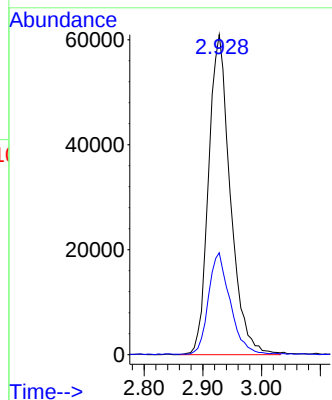
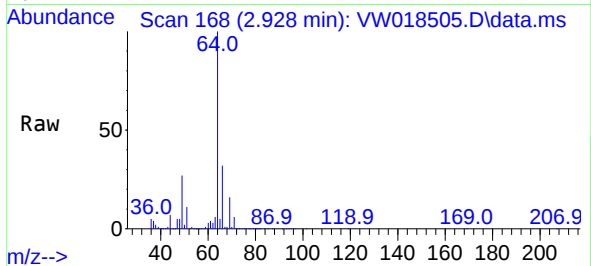




#8
Chloroethane
Concen: 37.86 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

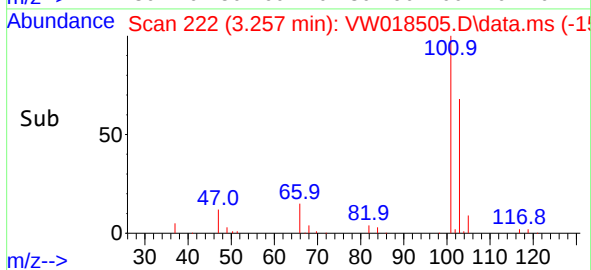
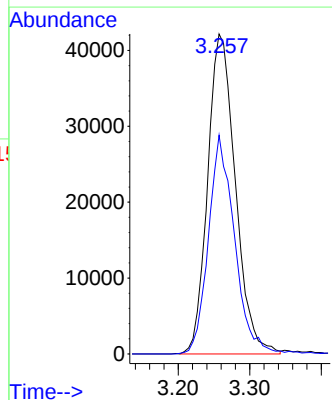
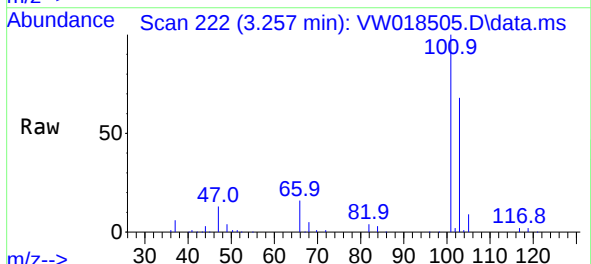
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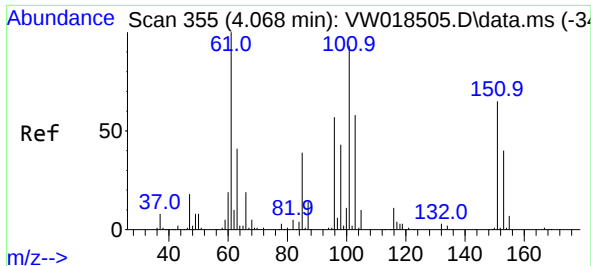
Tgt Ion: 64 Resp: 157082
Ion Ratio Lower Upper
64 100
66 31.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.78 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 101 Resp: 113616
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

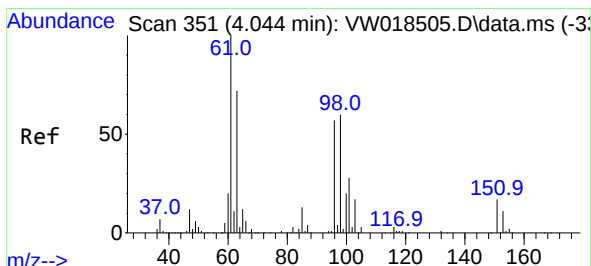
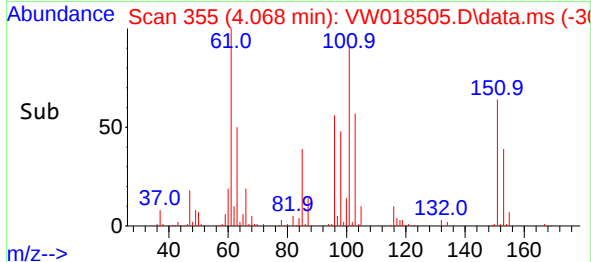
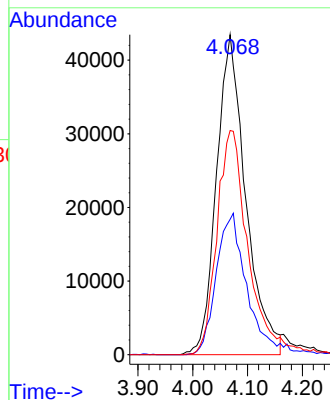
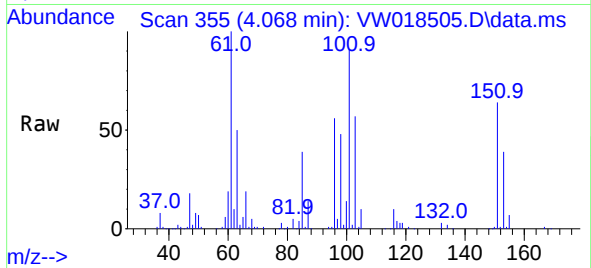




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.32 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018505.D
 Acq: 31 Mar 2021 11:05

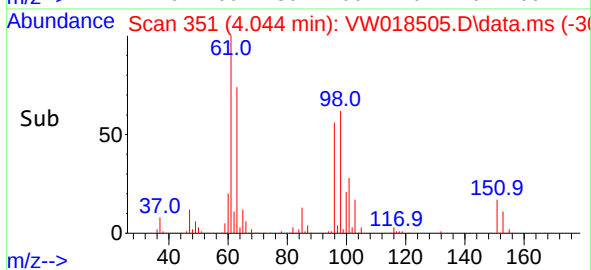
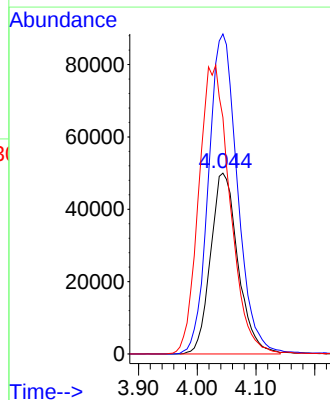
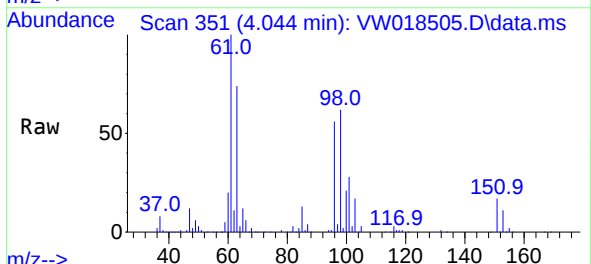
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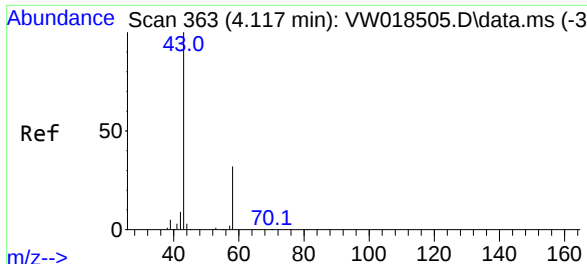
Tgt Ion:101 Resp: 161131
 Ion Ratio Lower Upper
 101 100
 85 45.0 38.2 57.2
 151 74.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 26.08 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018505.D
 Acq: 31 Mar 2021 11:05

Tgt Ion: 96 Resp: 162214
 Ion Ratio Lower Upper
 96 100
 61 177.0 118.1 219.3
 63 130.8 83.7 155.5

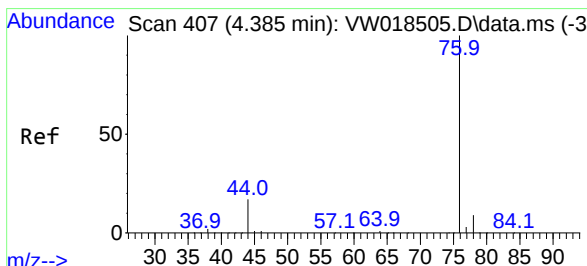
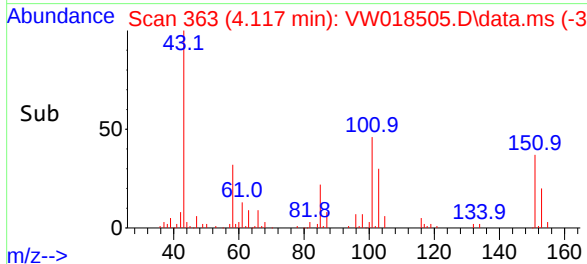
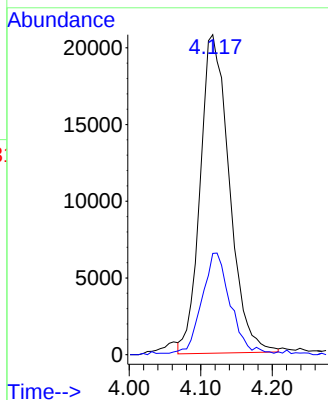
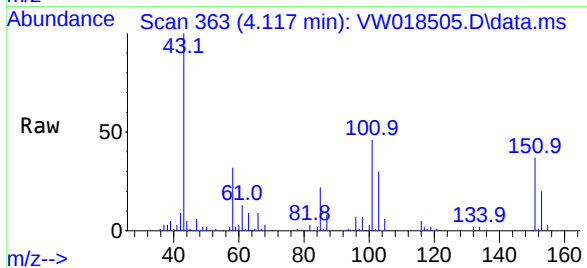




#13
Acetone
Concen: 68.17 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

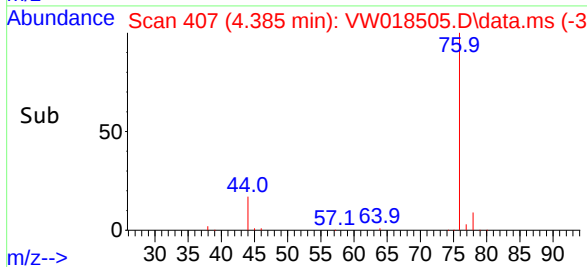
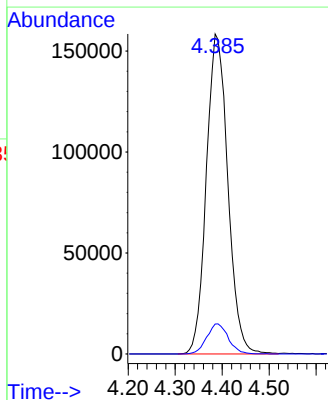
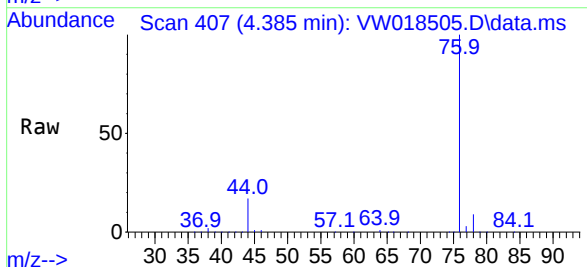
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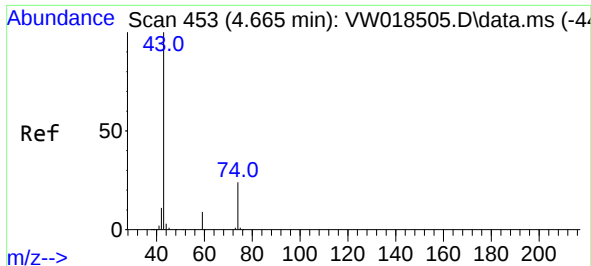
Tgt Ion: 43 Resp: 58803
Ion Ratio Lower Upper
43 100
58 30.8 0.0 53.8



#14
Carbon disulfide
Concen: 26.26 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Acq: 31 Mar 2021 11:05

Tgt Ion: 76 Resp: 502722
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

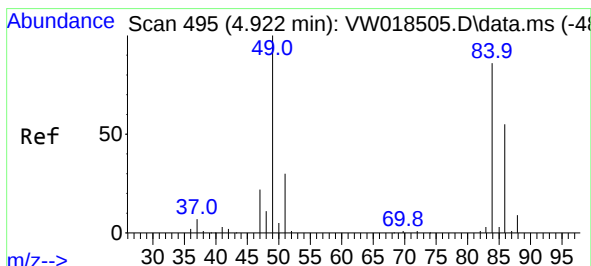
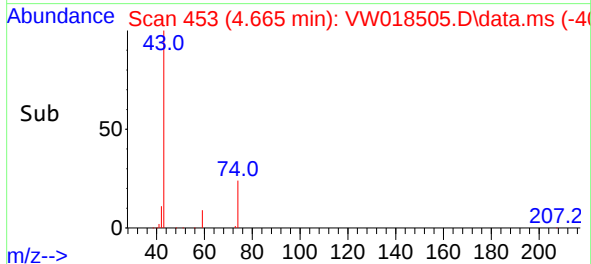
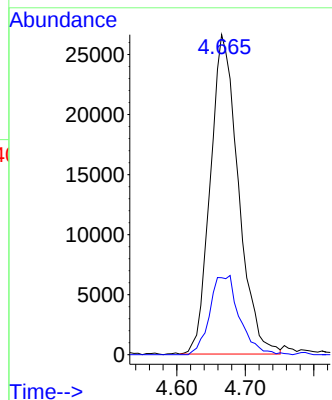
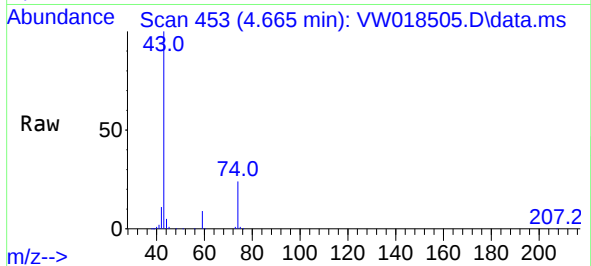




#15
Methyl Acetate
Concen: 33.69 ug/L
RT: 4.665 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

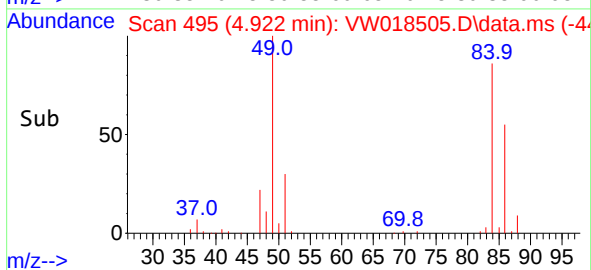
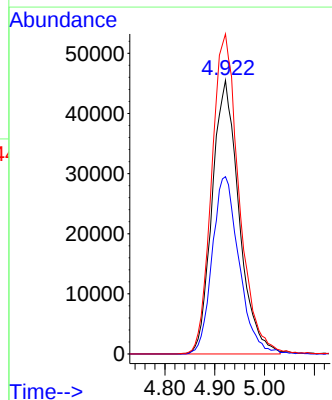
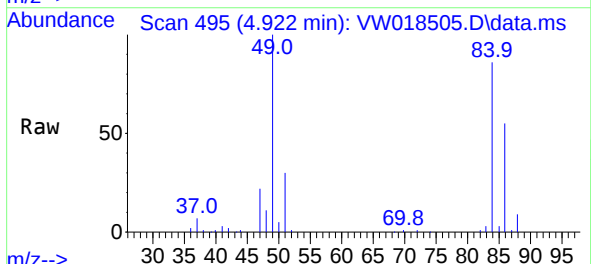
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

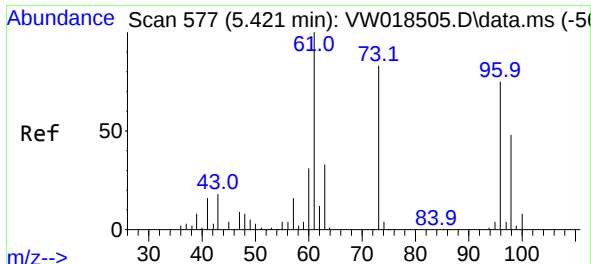
Tgt Ion: 43 Resp: 75610
Ion Ratio Lower Upper
43 100
74 15.2 20.0 30.0#



#16
Methylene chloride
Concen: 24.88 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 84 Resp: 170066
Ion Ratio Lower Upper
84 100
86 64.8 45.3 84.1
49 116.9 86.6 160.8

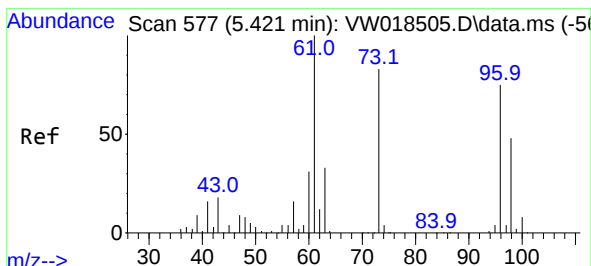
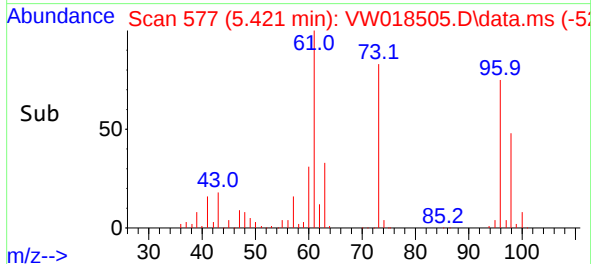
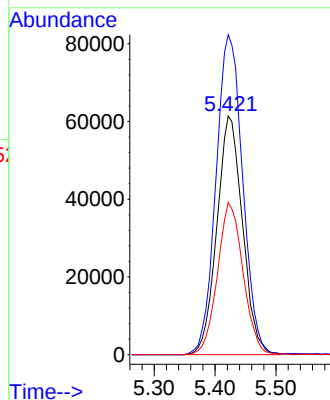
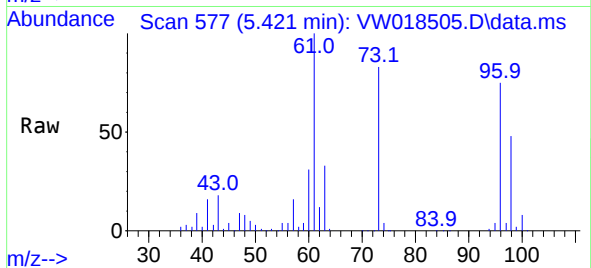




#17
trans-1,2-Dichloroethene
Concen: 26.95 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

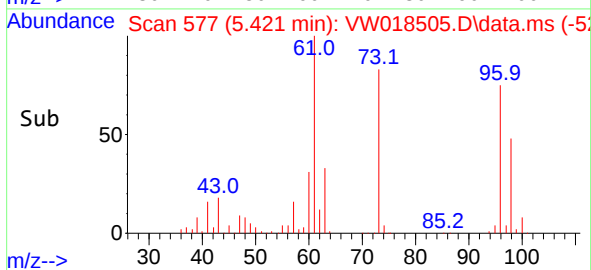
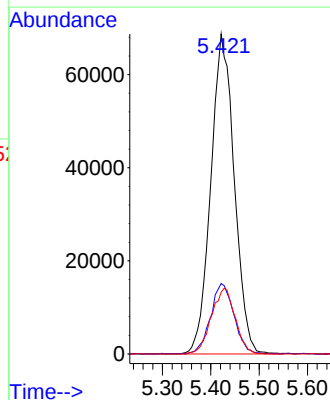
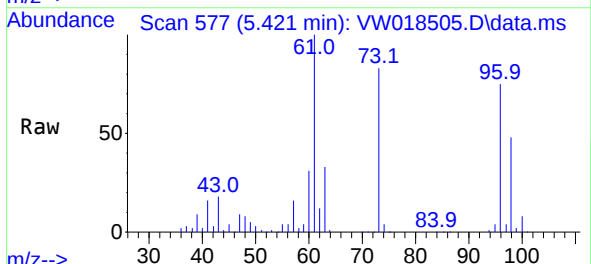
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

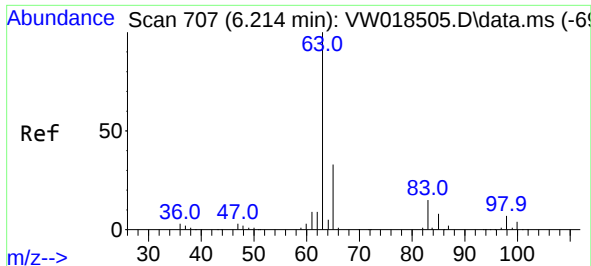
Tgt Ion: 96 Resp: 179441
Ion Ratio Lower Upper
96 100
61 134.1 98.3 182.7
98 63.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 33.29 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 73 Resp: 231593
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 20.8 17.0 25.4



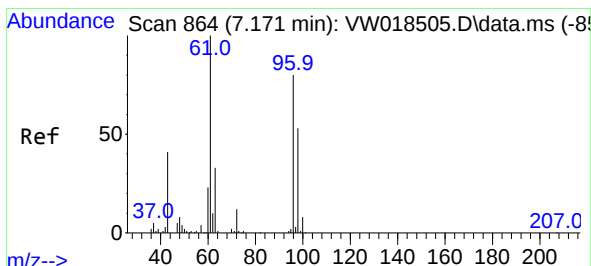
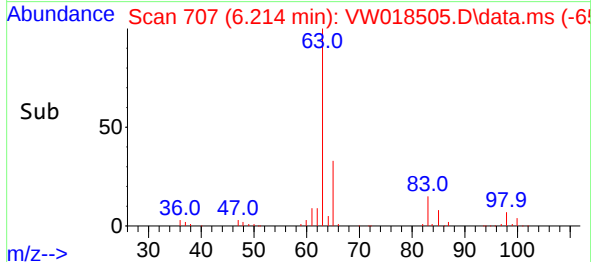
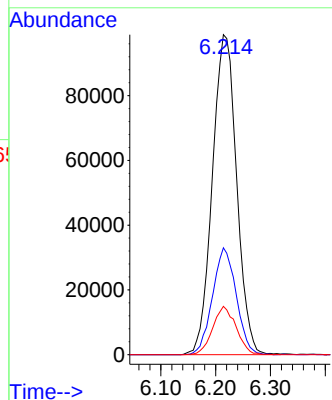
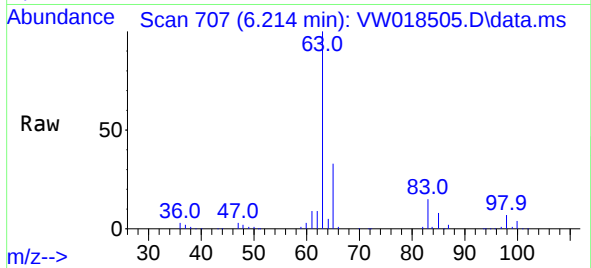


#19
1,1-Dichloroethane
Concen: 28.57 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 63 Resp: 304068

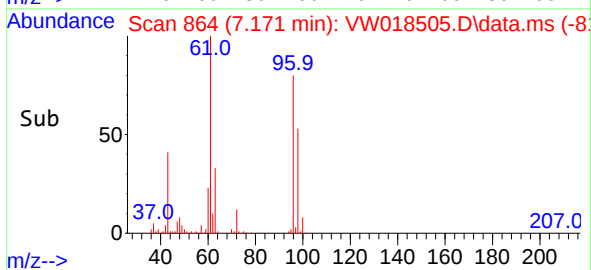
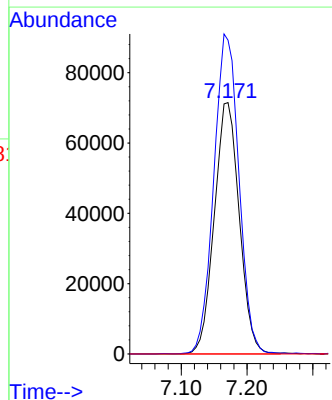
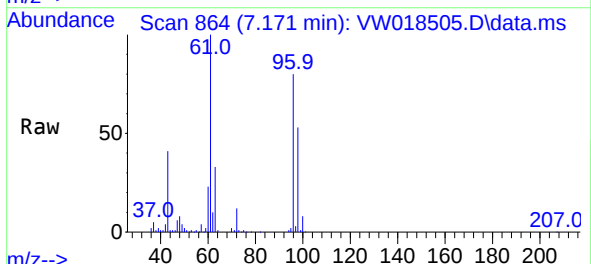
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.9	42.5
83	15.1	10.2	19.0

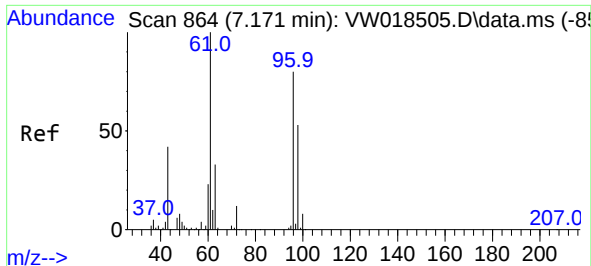


#20
cis-1,2-Dichloroethene
Concen: 27.24 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 96 Resp: 189208

Ion	Ratio	Lower	Upper
96	100		
61	124.8	88.5	164.3
68	0.0	0.0	0.0

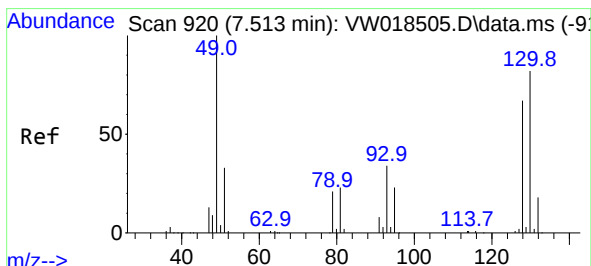
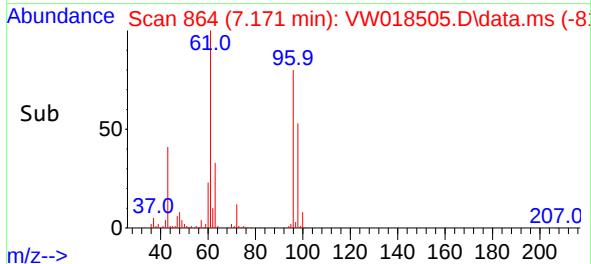
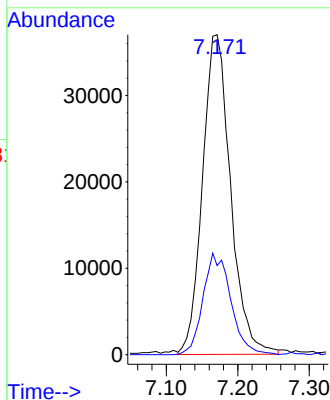
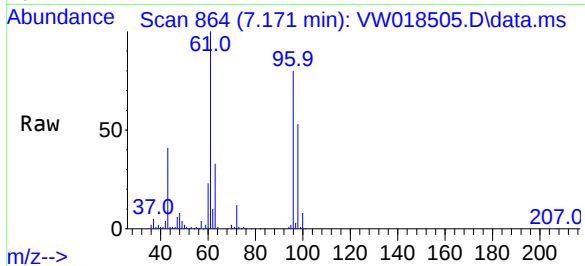




#22
2-Butanone
Concen: 72.58 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

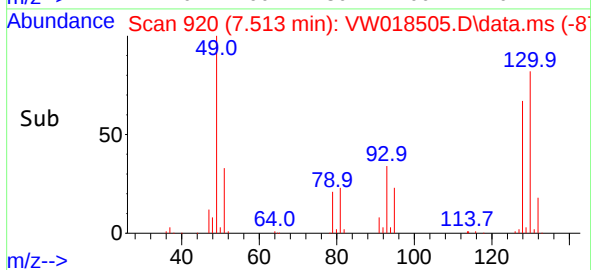
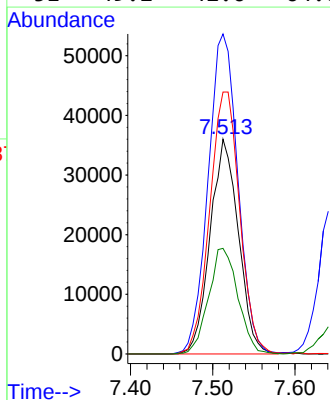
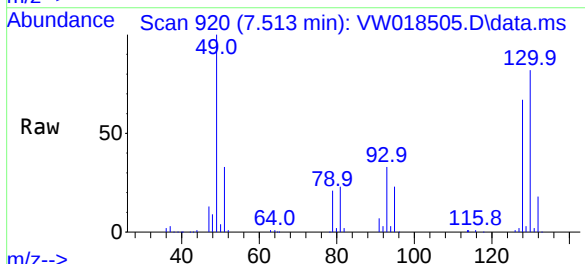
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

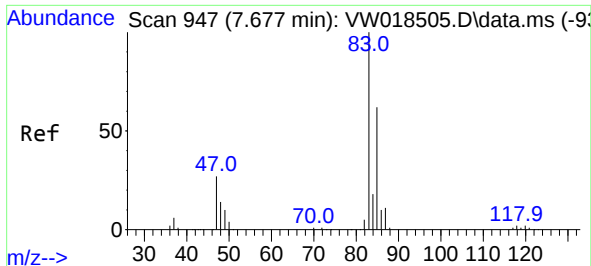
Tgt Ion: 43 Resp: 101044
Ion Ratio Lower Upper
43 100
72 31.4 14.9 44.7



#23
Bromochloromethane
Concen: 26.34 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 128 Resp: 86142
Ion Ratio Lower Upper
128 100
49 149.0 116.3 215.9
130 122.0 82.4 153.0
51 49.2 42.6 64.0

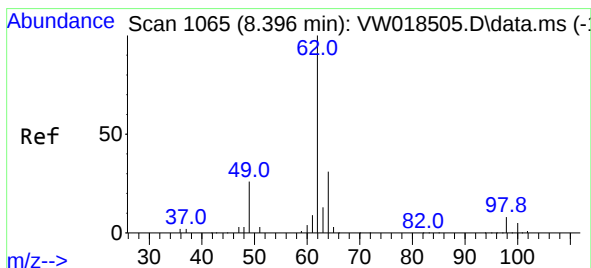
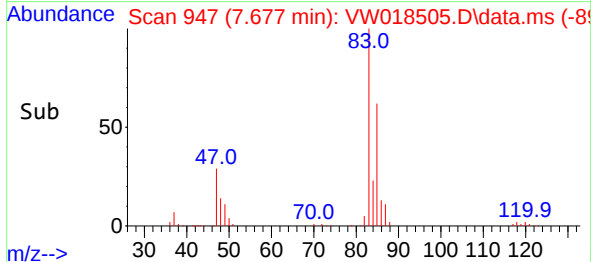
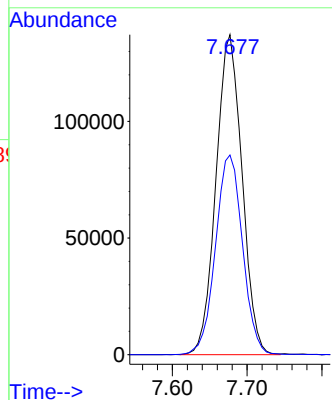
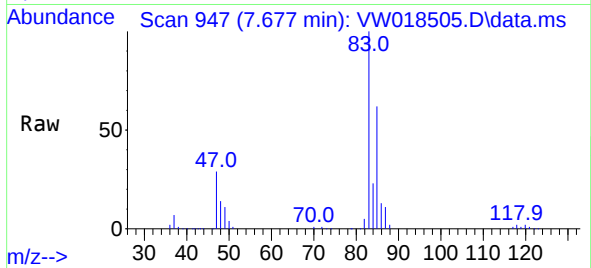




#25
Chloroform
Concen: 28.76 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

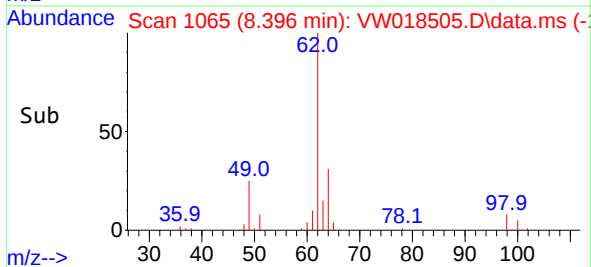
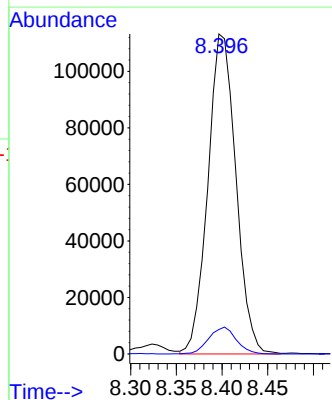
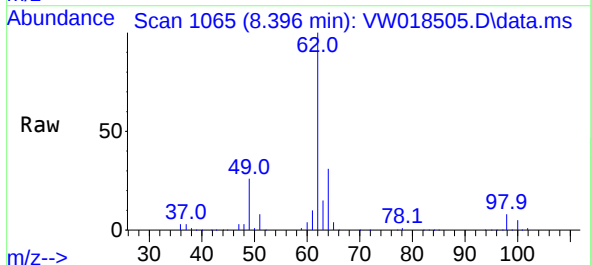
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

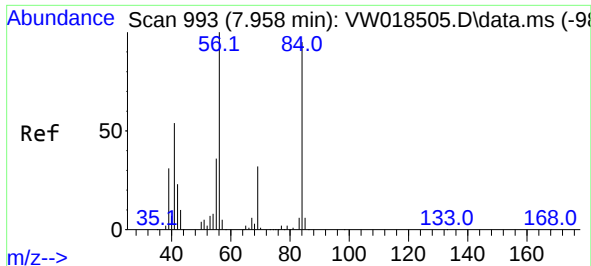
Tgt Ion: 83 Resp: 333084
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 33.16 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 62 Resp: 241829
Ion Ratio Lower Upper
62 100
98 7.7 6.9 10.3

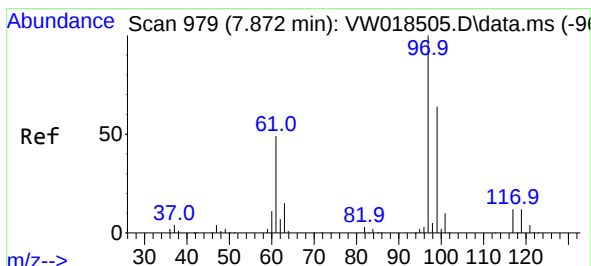
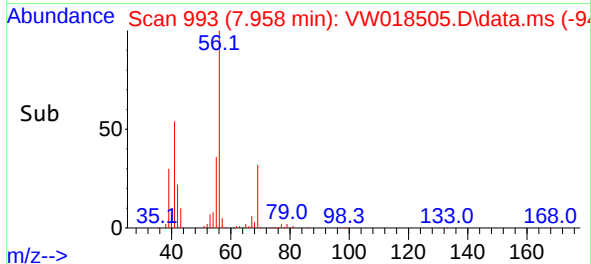
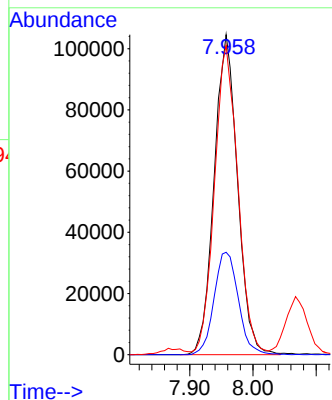
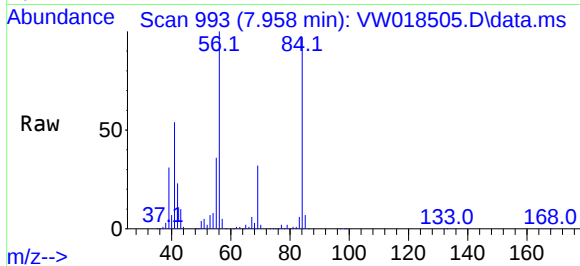




#29
Cyclohexane
Concen: 27.71 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

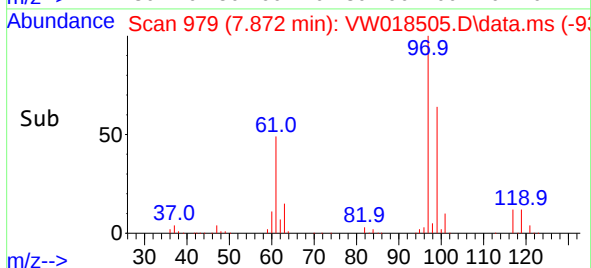
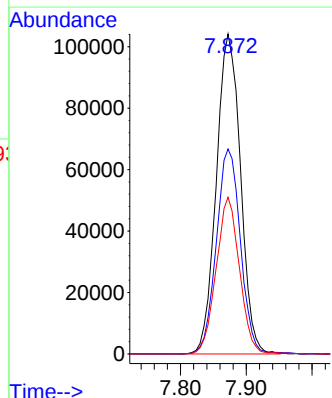
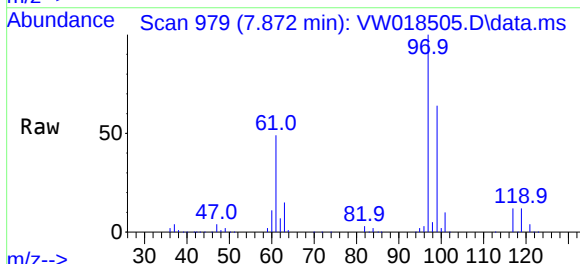
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

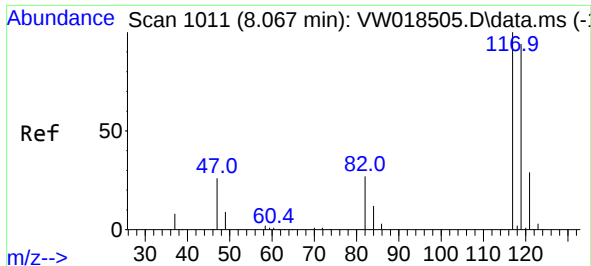
Tgt Ion: 56 Resp: 268074
Ion Ratio Lower Upper
56 100
69 33.2 24.5 36.7
84 96.8 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 27.45 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 97 Resp: 266457
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 47.1 37.8 56.6

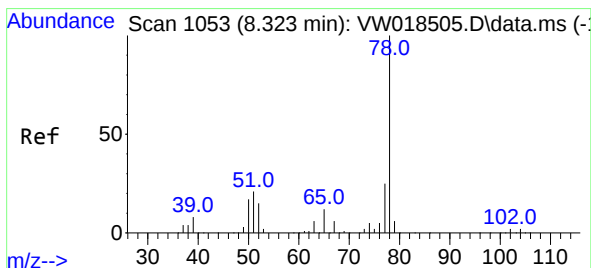
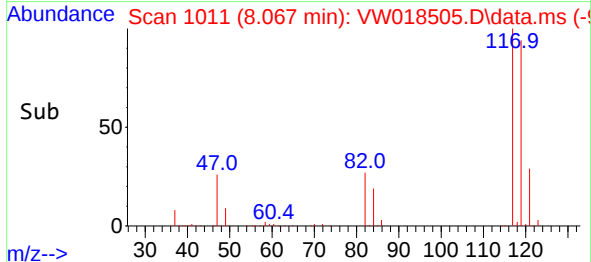
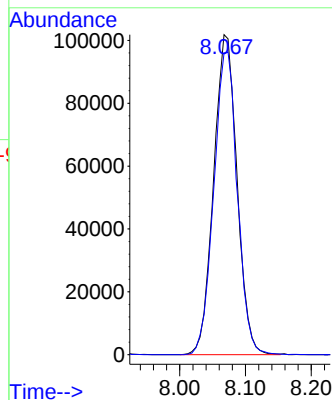
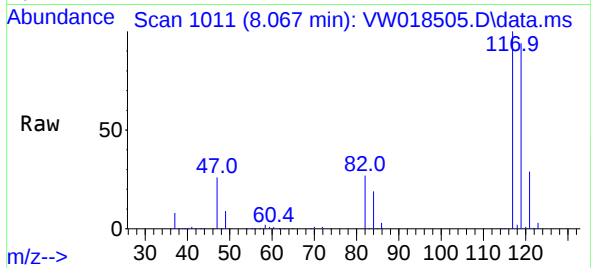




#31
Carbon tetrachloride
Concen: 26.89 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

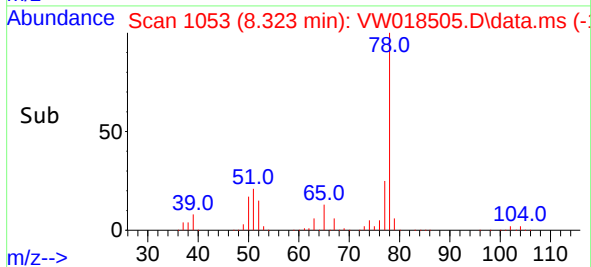
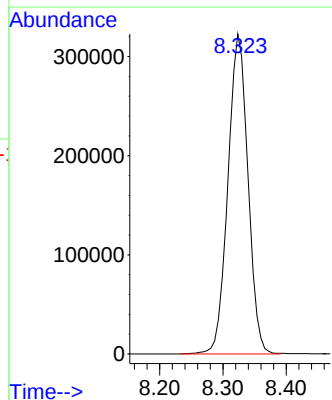
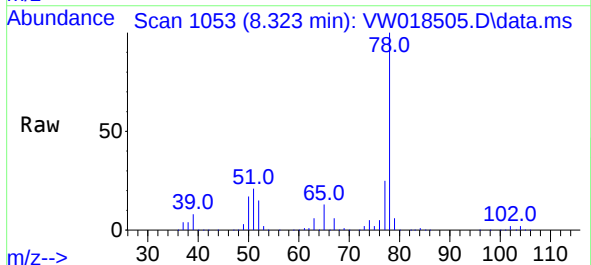
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

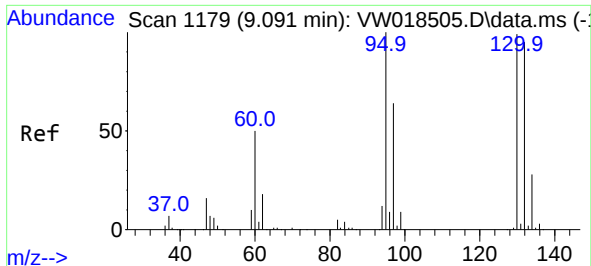
Tgt Ion:117 Resp: 251782
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 27.51 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 78 Resp: 709445



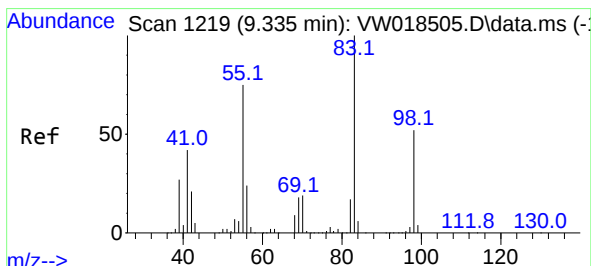
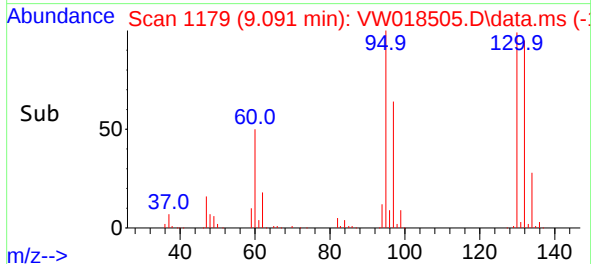
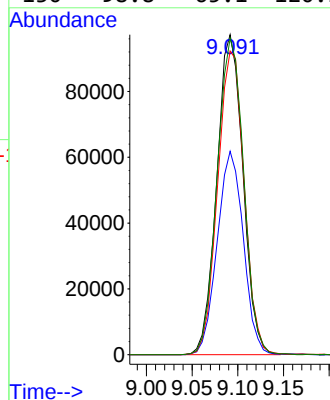
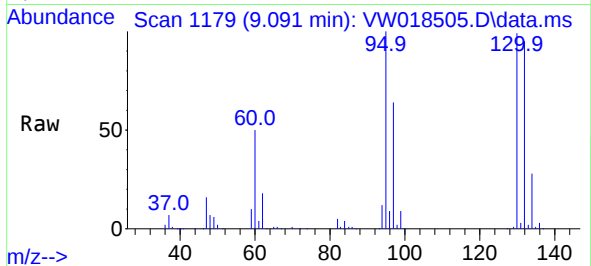


#34
Trichloroethene
Concen: 26.87 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 95 Resp: 193585

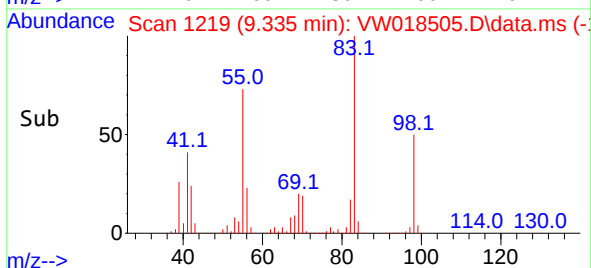
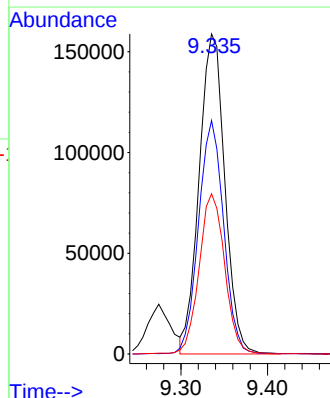
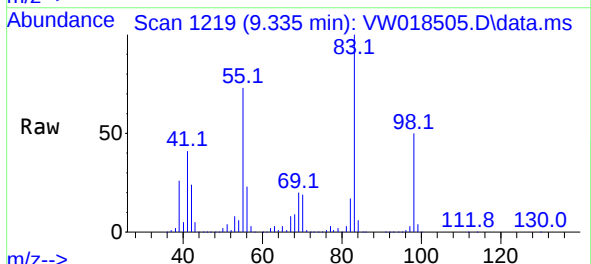
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.3	87.8
132	94.9	71.0	131.8
130	98.8	65.1	120.9

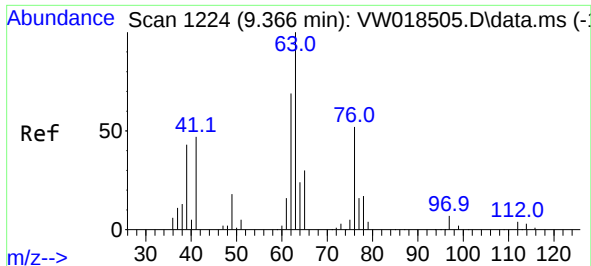


#35
Methylcyclohexane
Concen: 27.43 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 83 Resp: 327273

Ion	Ratio	Lower	Upper
83	100		
55	71.5	58.9	88.3
98	49.8	40.1	60.1

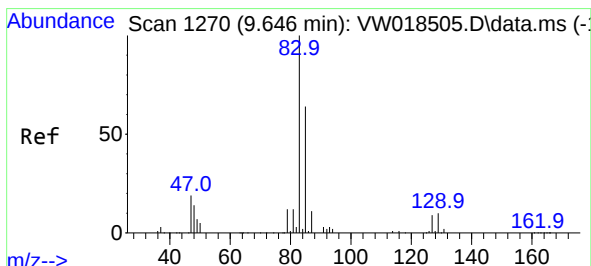
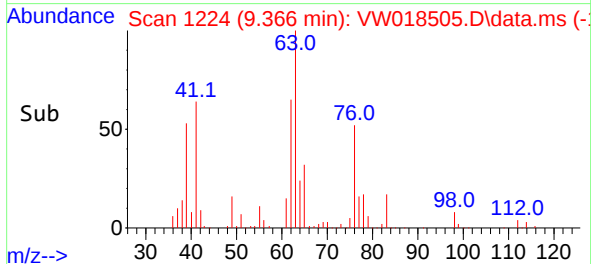
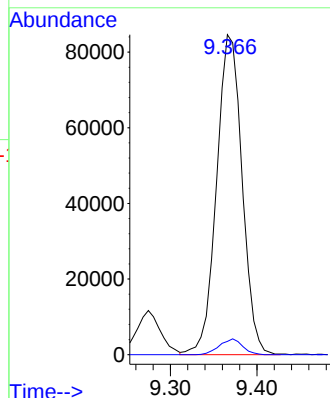
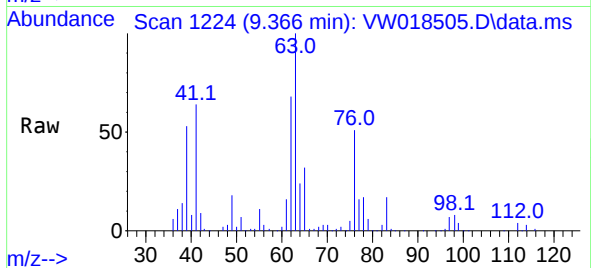




#37
1,2-Dichloropropane
Concen: 28.72 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

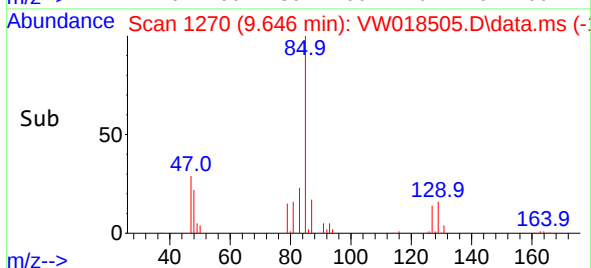
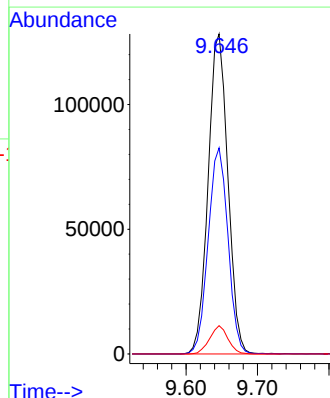
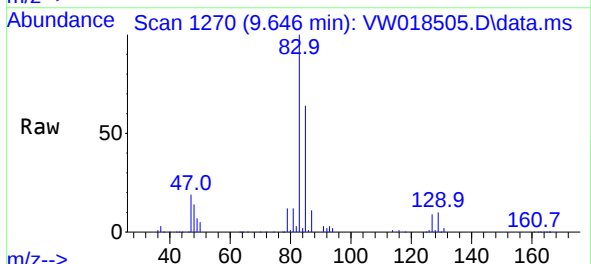
Instrument :
MSVOA_W
ClientSampled :
VSTD025102

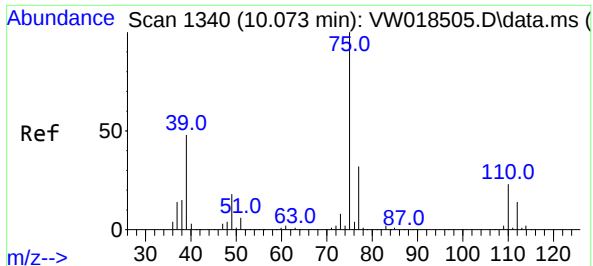
Tgt Ion: 63 Resp: 173404
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 29.04 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 83 Resp: 245943
Ion Ratio Lower Upper
83 100
85 64.4 42.3 78.5
127 8.9 6.6 9.8

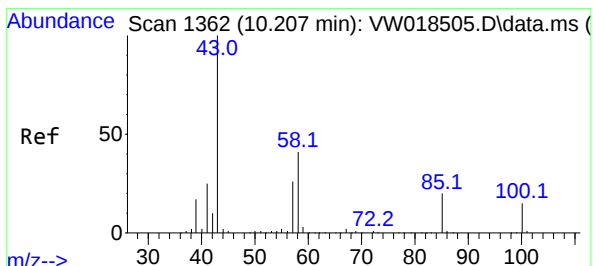
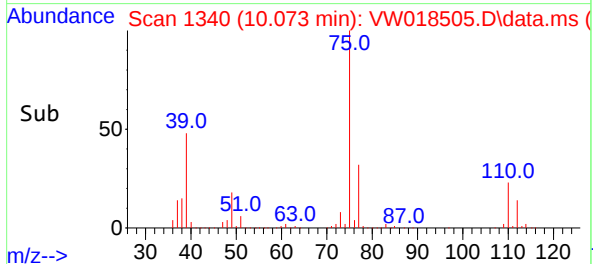
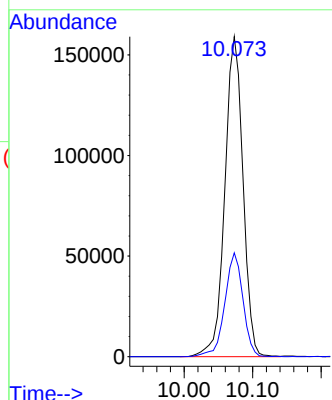
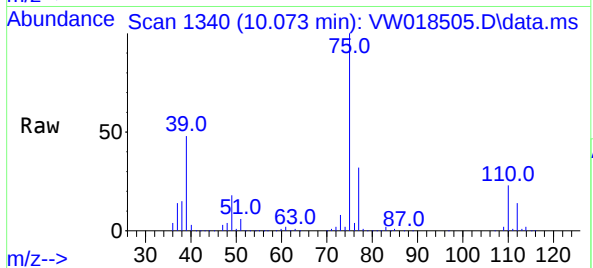




#39
cis-1,3-Dichloropropene
Concen: 29.97 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

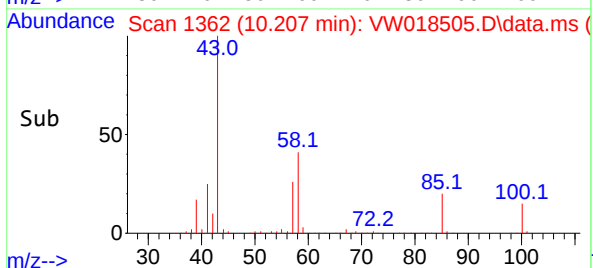
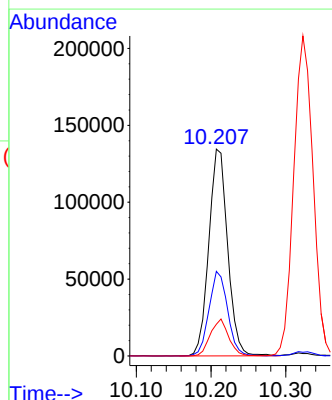
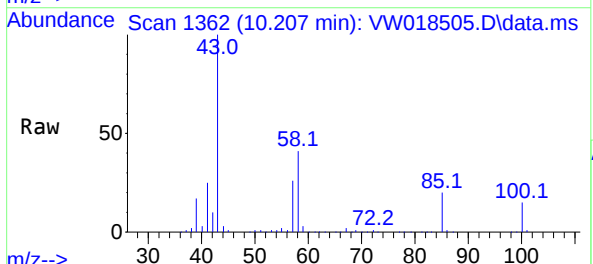
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

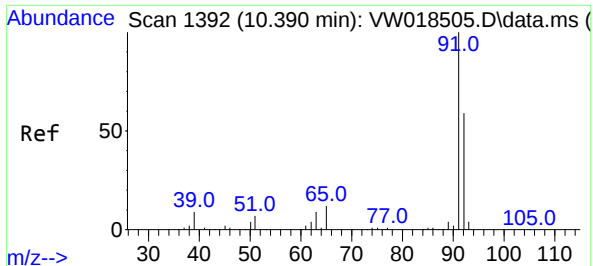
Tgt Ion: 75 Resp: 291679
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 72.62 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 43 Resp: 235735
Ion Ratio Lower Upper
43 100
58 40.4 31.0 46.4
100 17.3 13.0 19.6

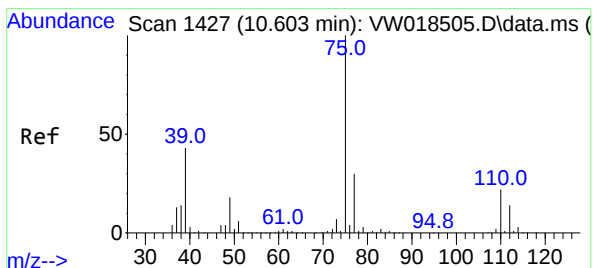
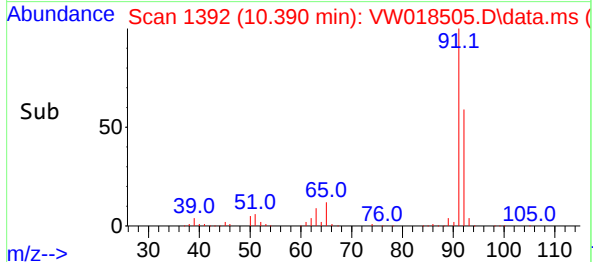
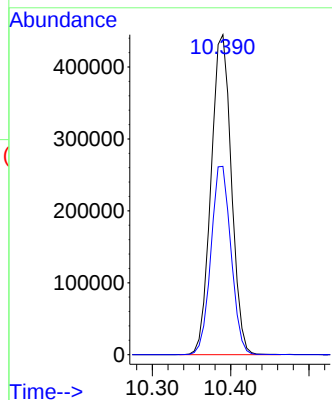
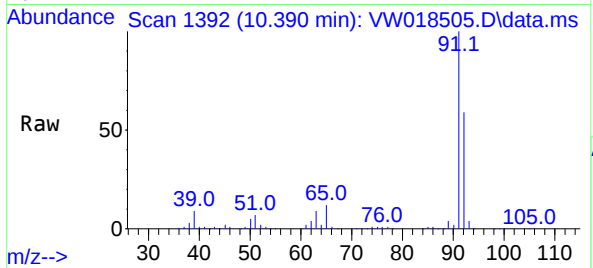




#42
Toluene
Concen: 28.09 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

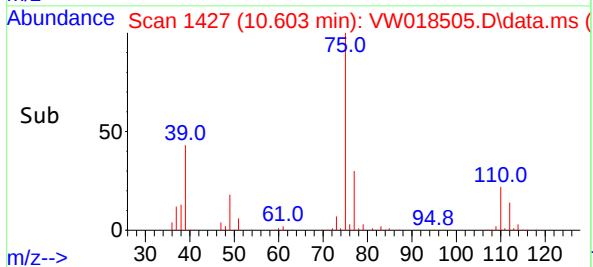
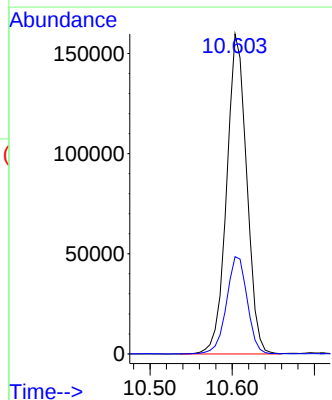
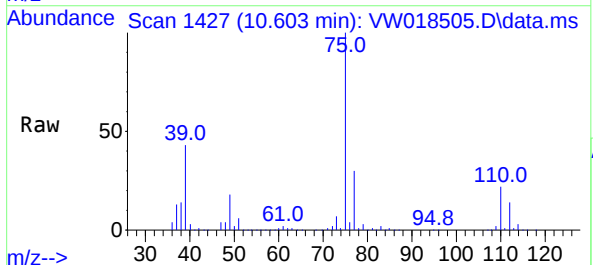
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

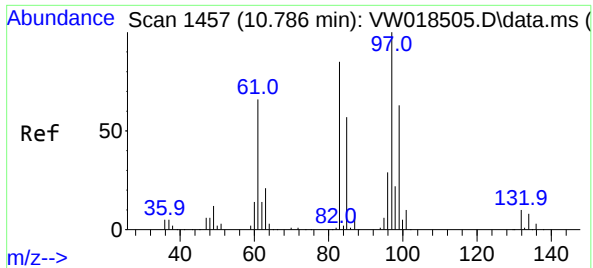
Tgt Ion: 91 Resp: 802227
Ion Ratio Lower Upper
91 100
92 58.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 31.86 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 75 Resp: 270932
Ion Ratio Lower Upper
75 100
77 30.4 21.1 39.1



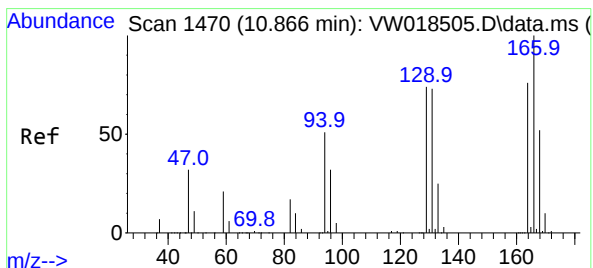
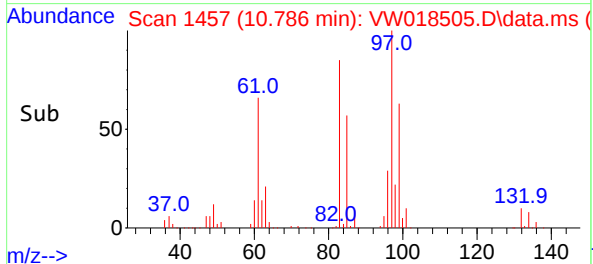
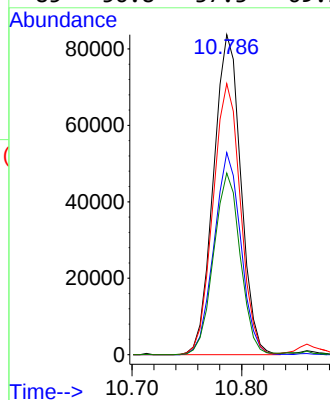
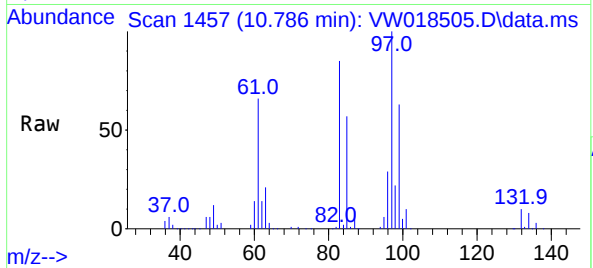


#45
1,1,2-Trichloroethane
Concen: 29.39 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 97 Resp: 145199

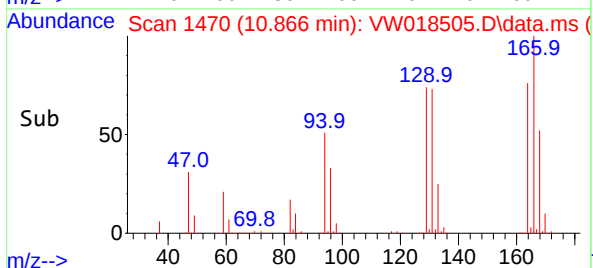
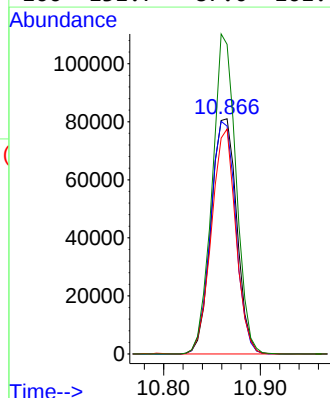
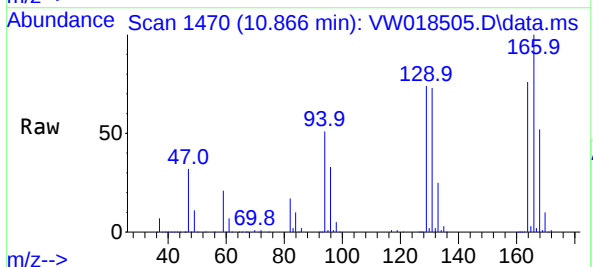
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.1	83.7
83	84.7	58.1	107.9
85	56.8	37.3	69.3

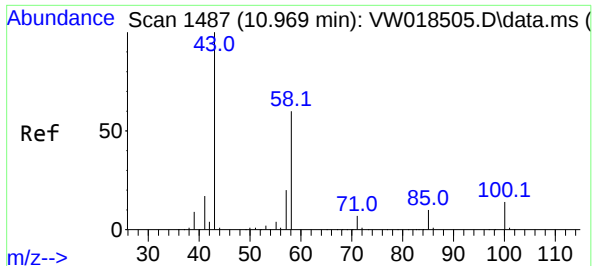


#46
Tetrachloroethene
Concen: 24.02 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 164 Resp: 149285

Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.7	123.9
131	95.7	61.1	113.5
166	131.7	87.0	161.6



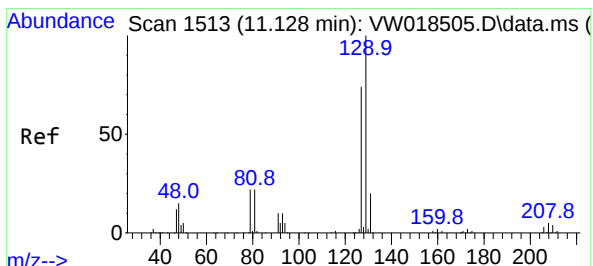
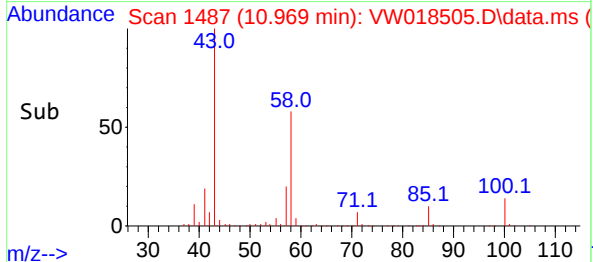
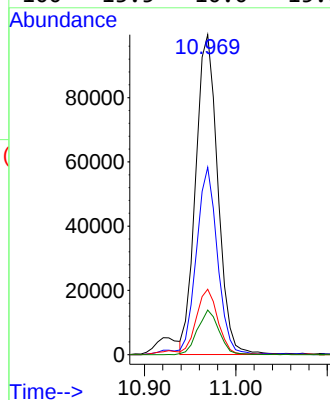
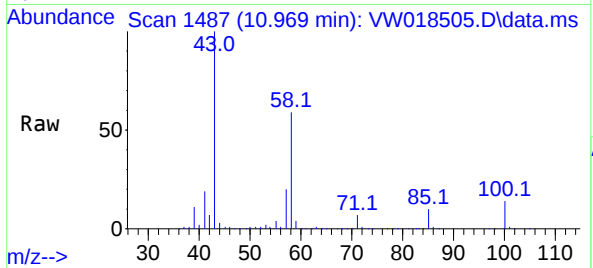


#48
2-Hexanone
Concen: 75.12 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 43 Resp: 167457

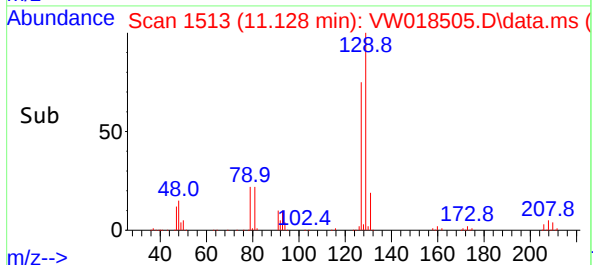
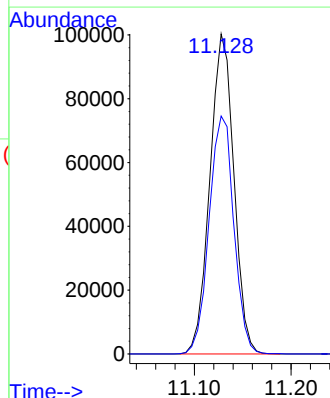
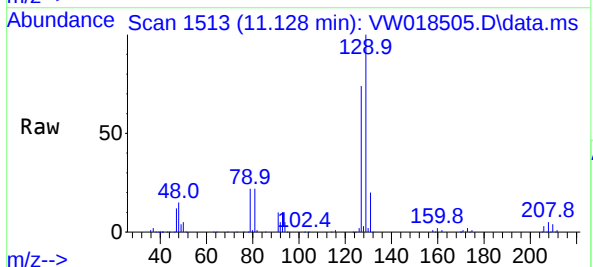
Ion	Ratio	Lower	Upper
43	100		
58	55.8	42.7	64.1
57	20.1	15.8	23.8
100	13.5	10.0	15.0

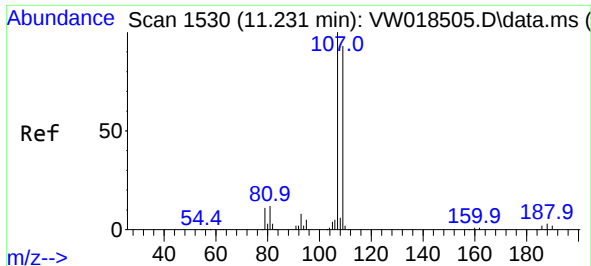


#49
Dibromochloromethane
Concen: 28.53 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 129 Resp: 172955

Ion	Ratio	Lower	Upper
129	100		
127	74.3	51.7	95.9

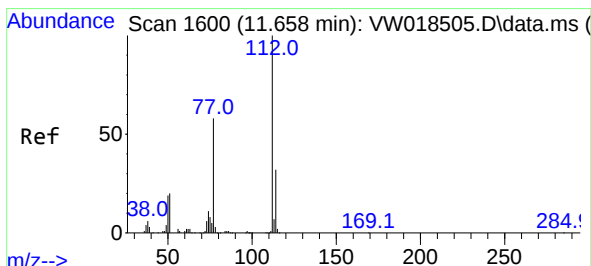
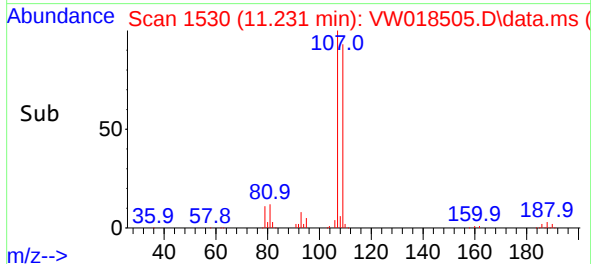
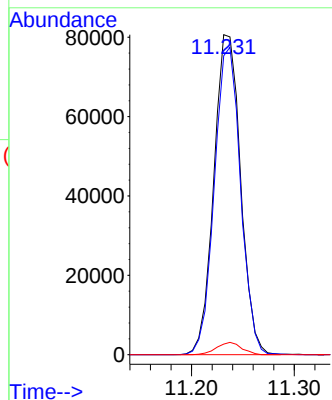
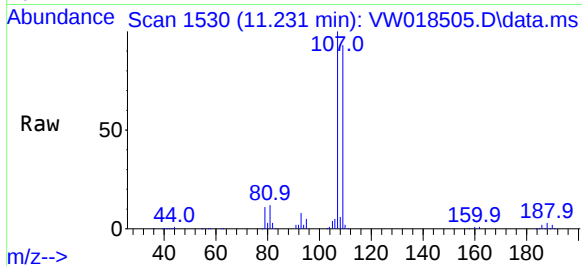




#50
1,2-Dibromoethane
Concen: 30.03 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

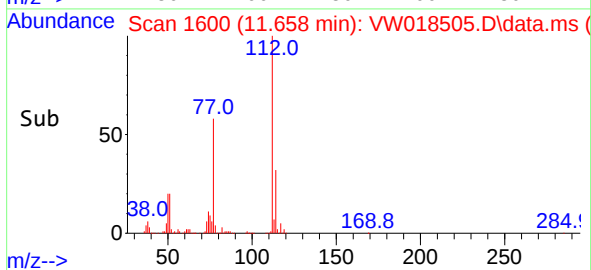
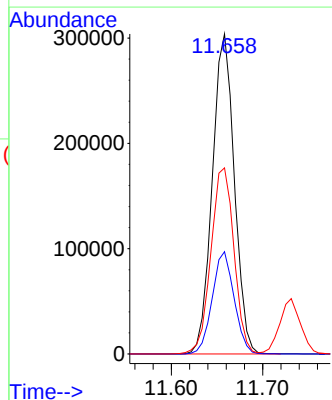
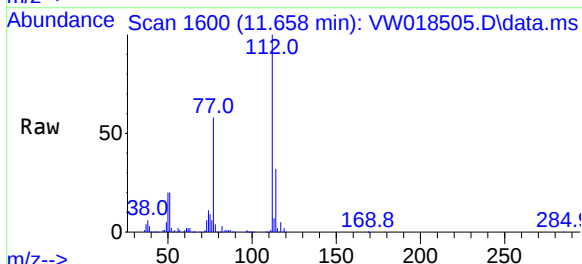
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

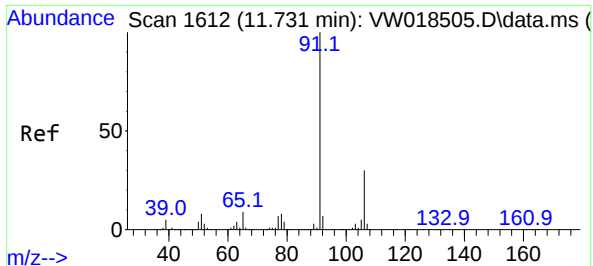
Tgt Ion:107 Resp: 145718
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 26.88 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:112 Resp: 508757
Ion Ratio Lower Upper
112 100
114 31.9 23.4 43.6
77 58.2 47.6 71.4

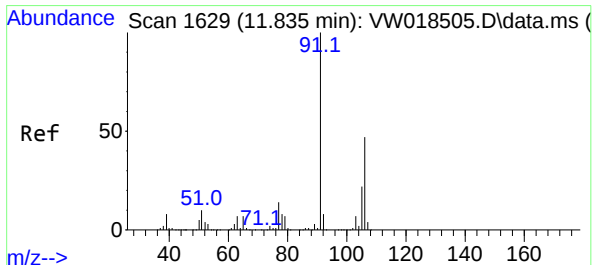
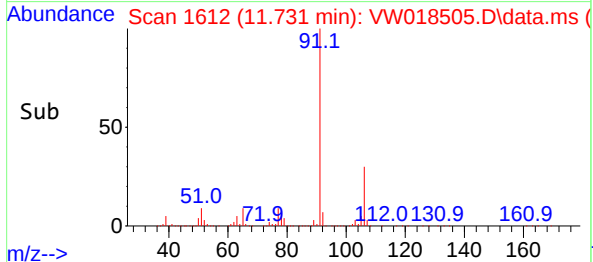
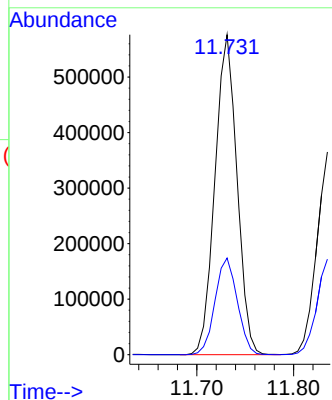
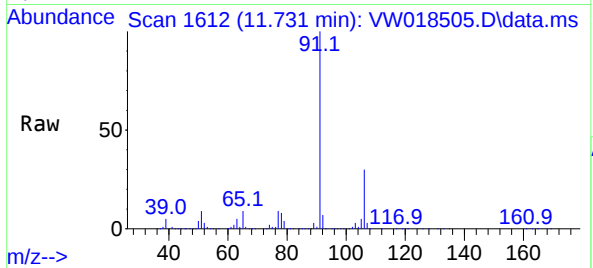




#52
Ethylbenzene
Concen: 28.21 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

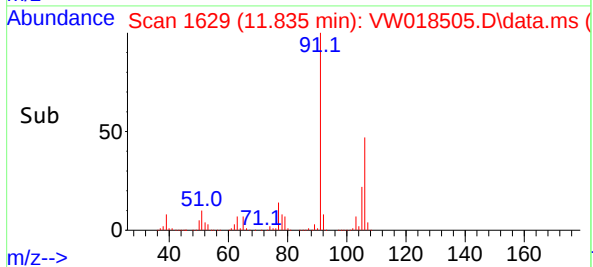
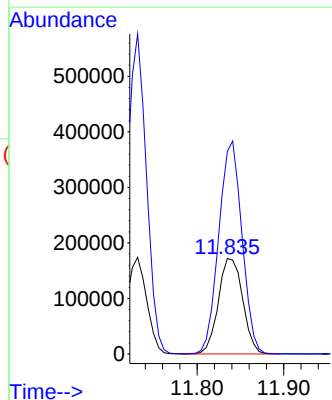
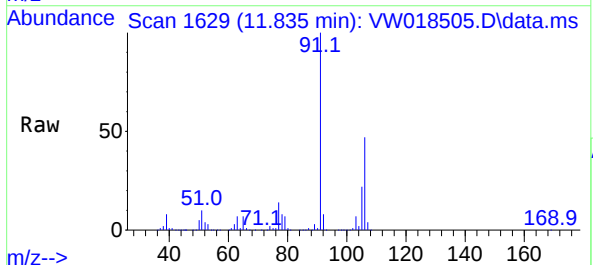
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

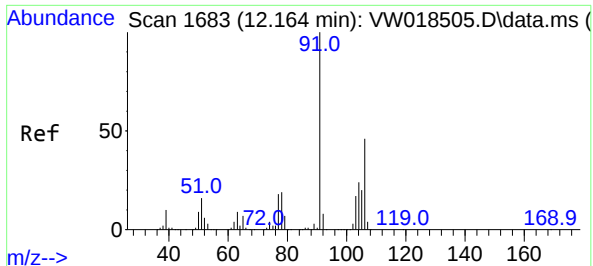
Tgt Ion: 91 Resp: 911400
Ion Ratio Lower Upper
91 100
106 30.2 22.5 41.7



#53
m,p-Xylene
Concen: 27.02 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:106 Resp: 335701
Ion Ratio Lower Upper
106 100
91 212.3 141.3 262.3

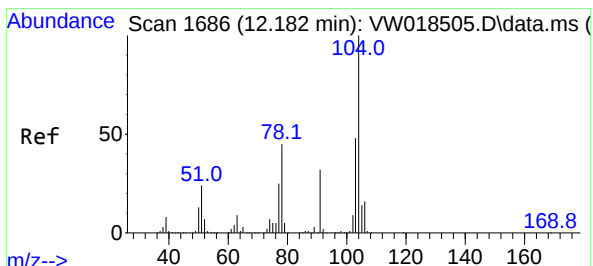
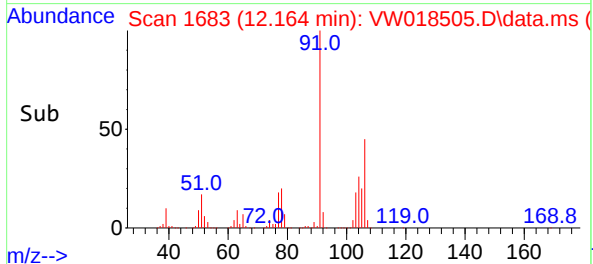
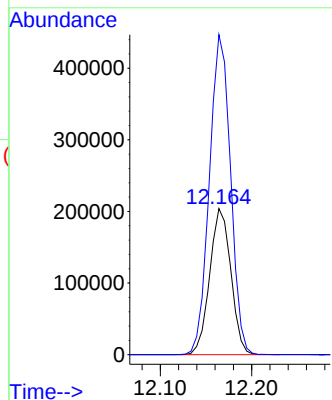
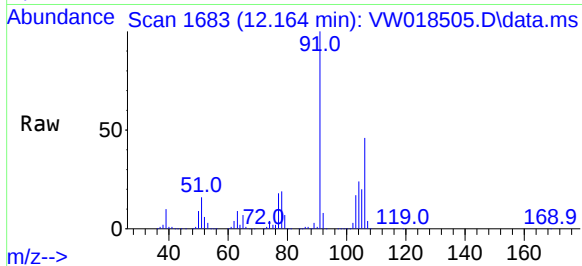




#54
o-Xylene
Concen: 27.70 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

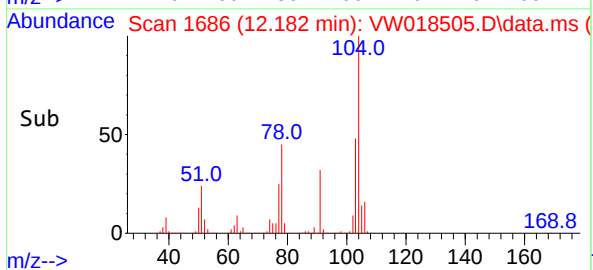
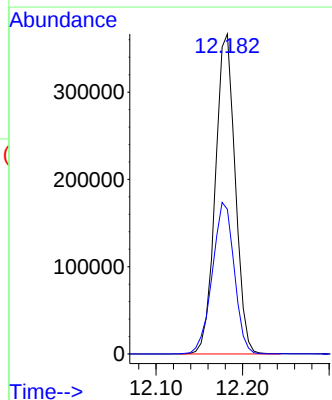
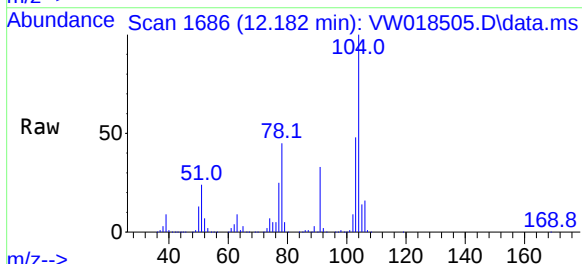
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

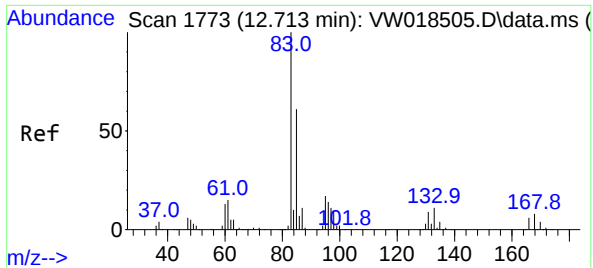
Tgt Ion:106 Resp: 327944
Ion Ratio Lower Upper
106 100
91 219.0 150.0 278.6



#55
Styrene
Concen: 29.08 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:104 Resp: 584544
Ion Ratio Lower Upper
104 100
78 45.2 32.5 60.3



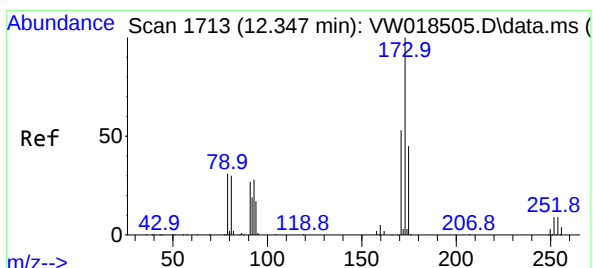
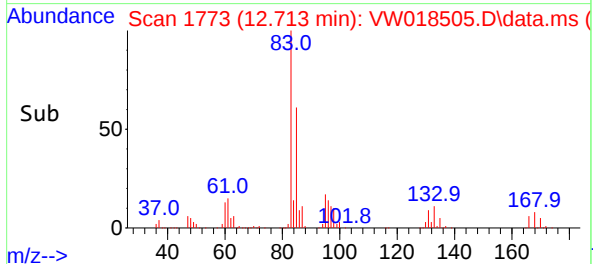
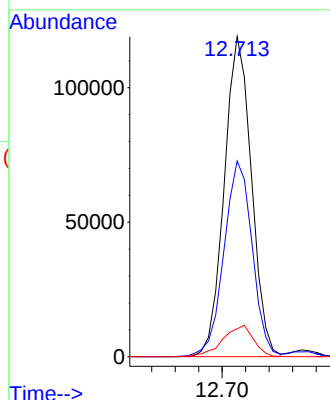
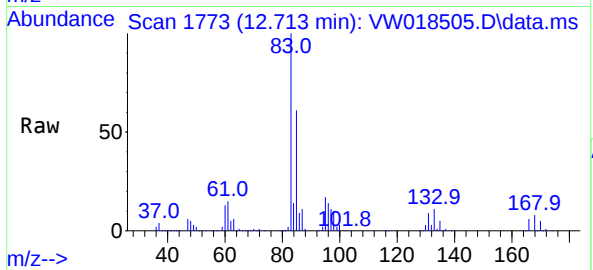


#57
1,1,2,2-Tetrachloroethane
Concen: 33.37 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 83 Resp: 191459

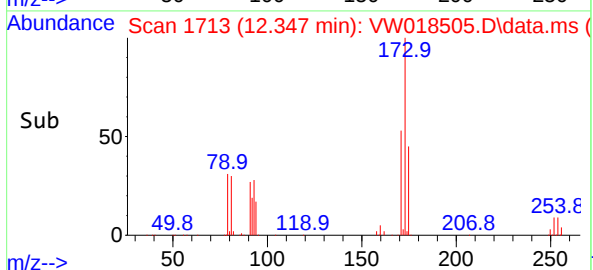
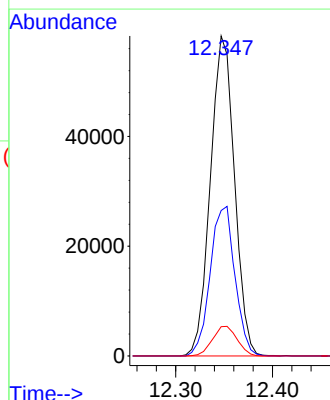
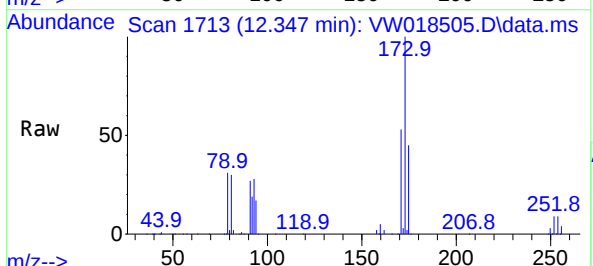
Ion	Ratio	Lower	Upper
83	100		
85	61.1	44.4	82.4
131	8.7	8.2	12.4



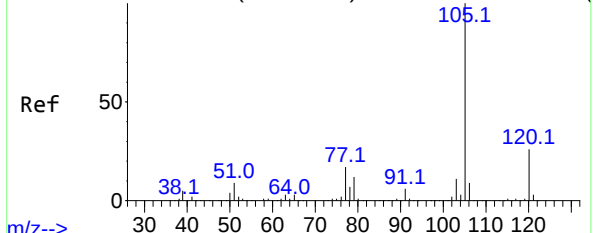
#59
Bromoform
Concen: 27.11 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion: 173 Resp: 101029

Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	9.5	7.0	10.4



Abundance Scan 1732 (12.463 min): VW018505.D\data.ms (



#60

Isopropylbenzene

Concen: 26.03 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

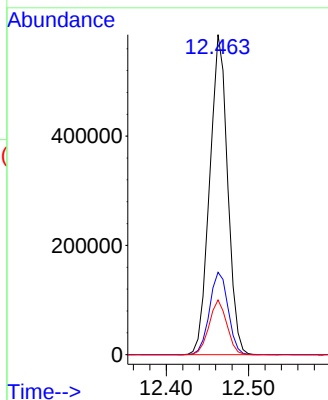
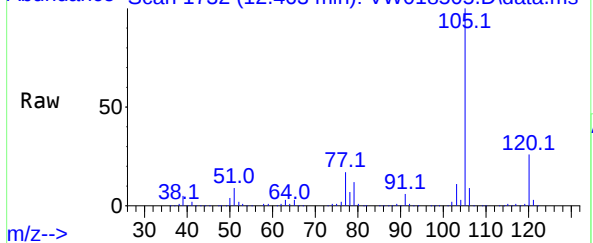
Lab File: VW018505.D

Acq: 31 Mar 2021 11:05

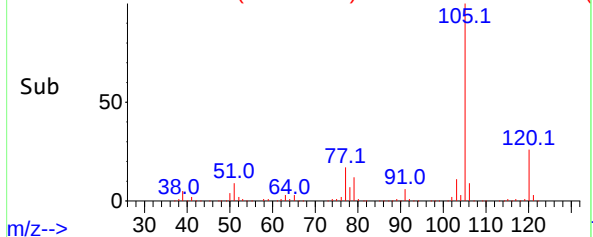
Tgt Ion:105 Resp: 888067

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.1	31.7
77	16.9	13.2	19.8

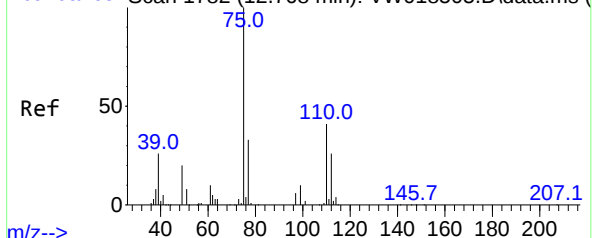
Abundance Scan 1732 (12.463 min): VW018505.D\data.ms



Abundance Scan 1732 (12.463 min): VW018505.D\data.ms (



Abundance Scan 1782 (12.768 min): VW018505.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 31.25 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

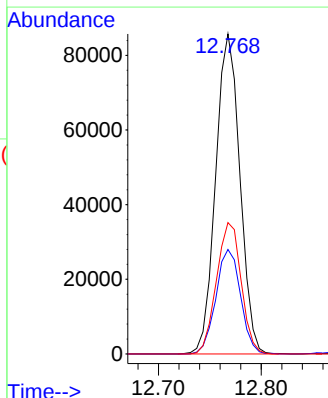
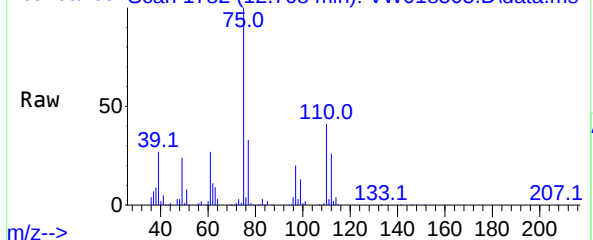
Lab File: VW018505.D

Acq: 31 Mar 2021 11:05

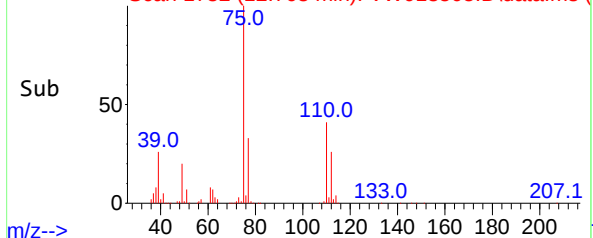
Tgt Ion: 75 Resp: 140250

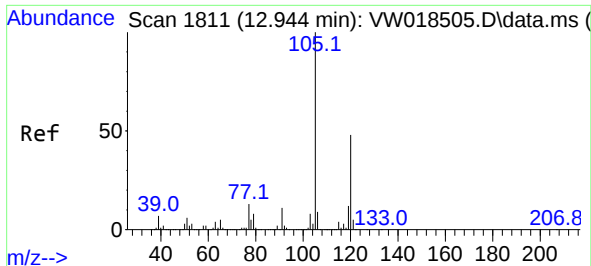
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.3	37.9
110	41.7	32.6	48.8

Abundance Scan 1782 (12.768 min): VW018505.D\data.ms



Abundance Scan 1782 (12.768 min): VW018505.D\data.ms (

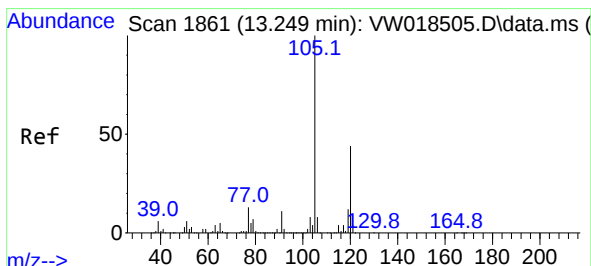
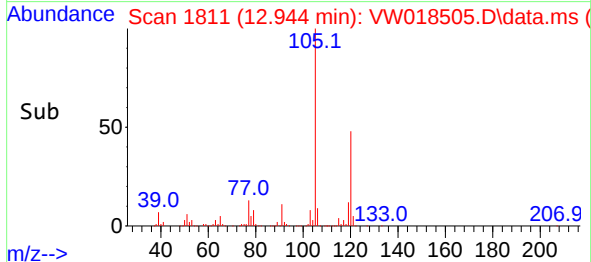
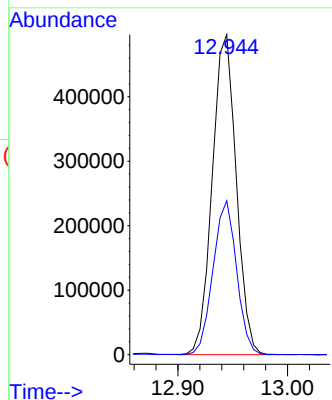
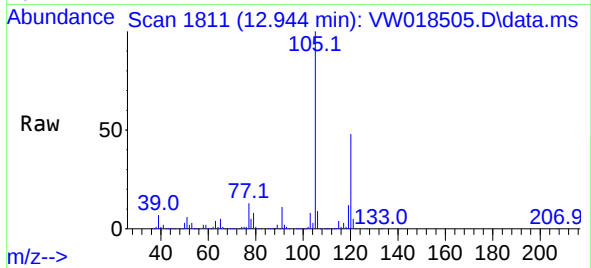




#62
1,3,5-Trimethylbenzene
Concen: 26.33 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

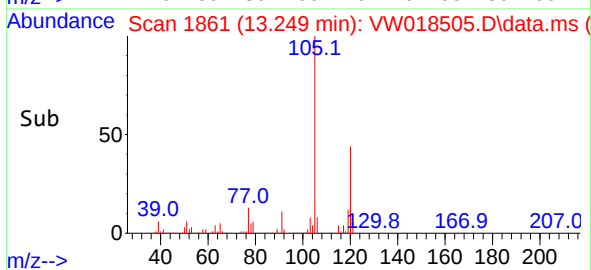
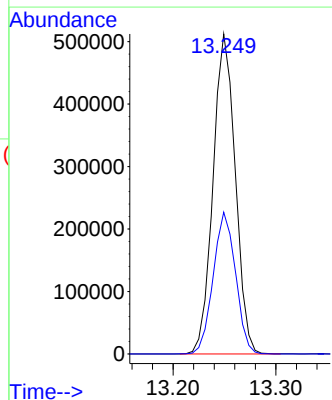
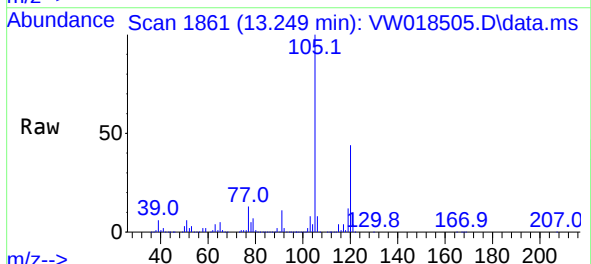
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

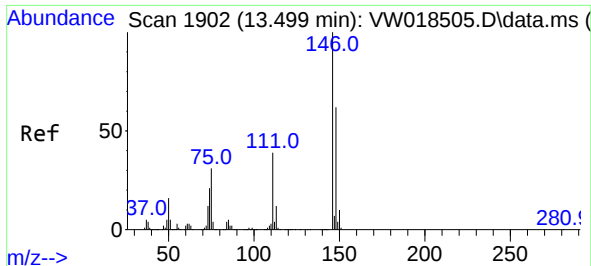
Tgt Ion:105 Resp: 755024
Ion Ratio Lower Upper
105 100
120 47.3 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.88 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:105 Resp: 770979
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

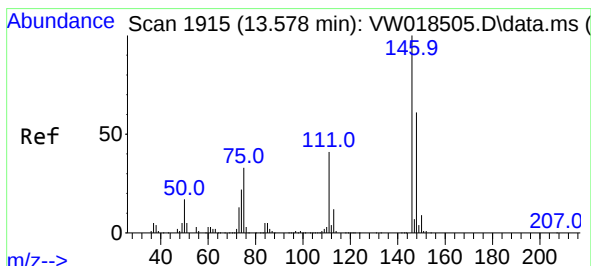
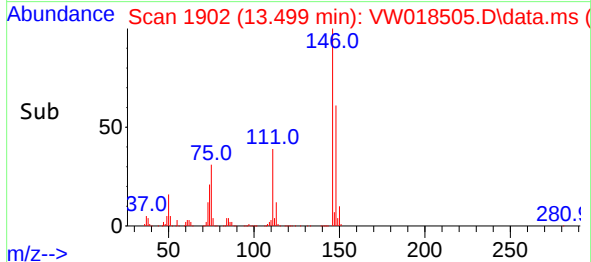
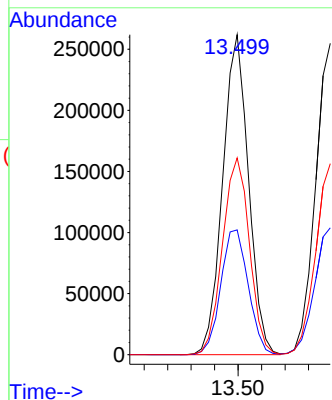
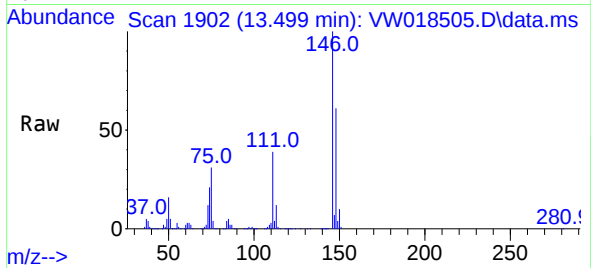




#64
1,3-Dichlorobenzene
Concen: 24.60 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

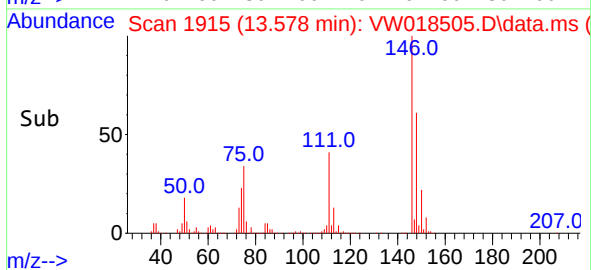
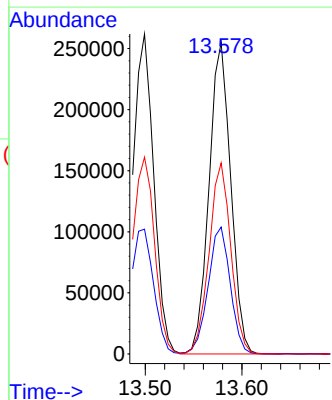
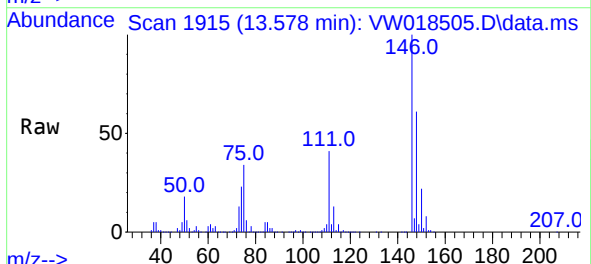
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion:146 Resp: 400220
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 61.5 41.1 76.3

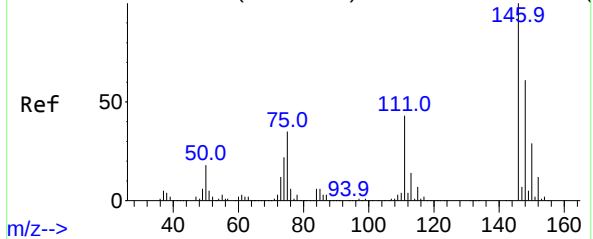


#65
1,4-Dichlorobenzene
Concen: 24.47 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

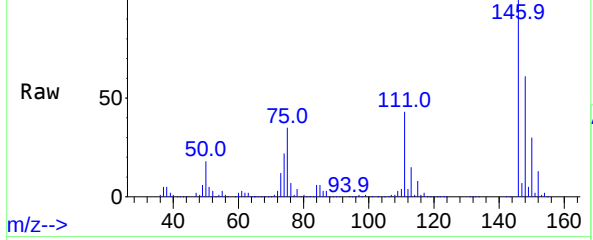
Tgt Ion:146 Resp: 398312
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 61.4 46.8 87.0



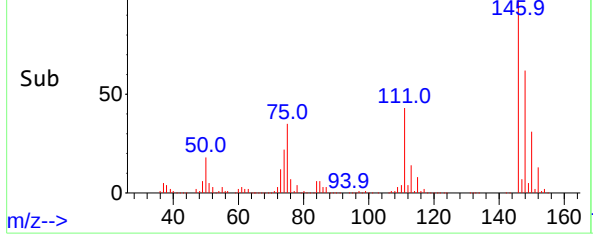
Abundance Scan 1963 (13.871 min): VW018505.D\data.ms (



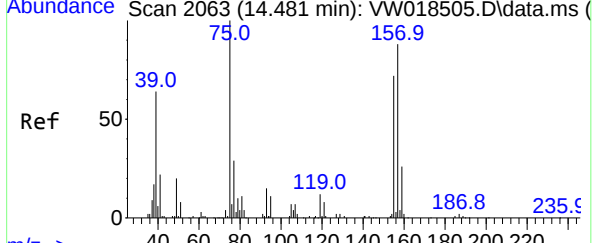
m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms



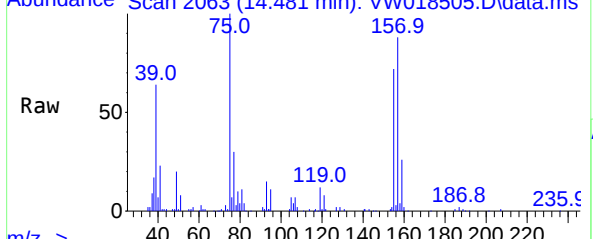
m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms (



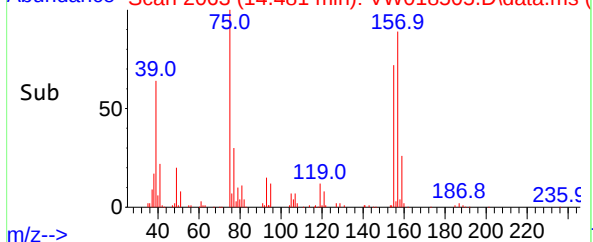
m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms



m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

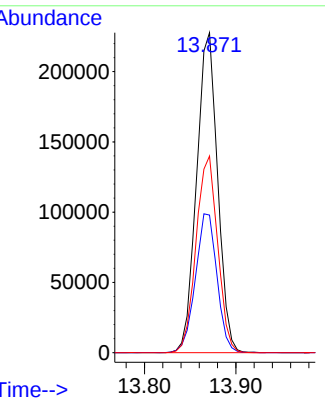
m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

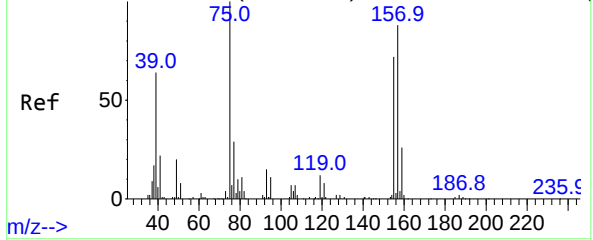
m/z--> Abundance Scan 1963 (13.871 min): VW018505.D\data.ms

#67
1,2-Dichlorobenzene
Concen: 24.95 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

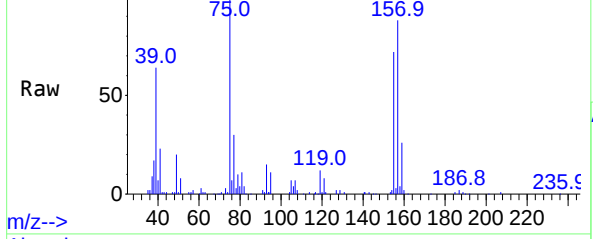
Tgt Ion:	146	Resp:	363483
Ion Ratio	Lower	Upper	
146	100		
111	43.0	33.2	49.8
148	61.4	50.4	75.6



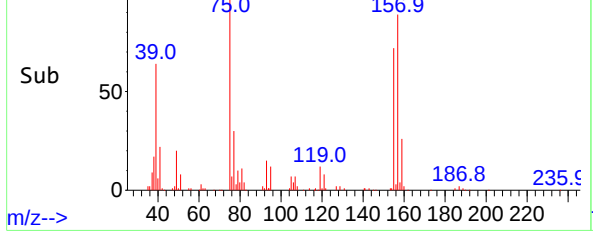
Abundance Scan 2063 (14.481 min): VW018505.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms



m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

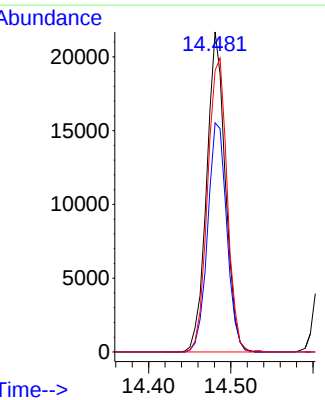
m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

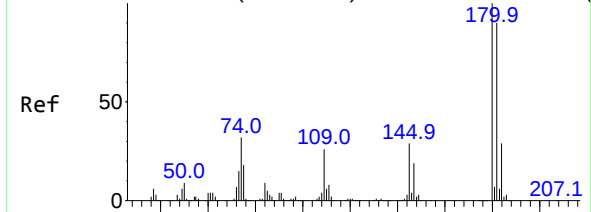
m/z--> Abundance Scan 2063 (14.481 min): VW018505.D\data.ms

#68
1,2-Dibromo-3-chloropropane
Concen: 34.37 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:	75	Resp:	34169
Ion Ratio	Lower	Upper	
75	100		
155	71.6	59.4	89.0
157	88.0	72.2	108.2

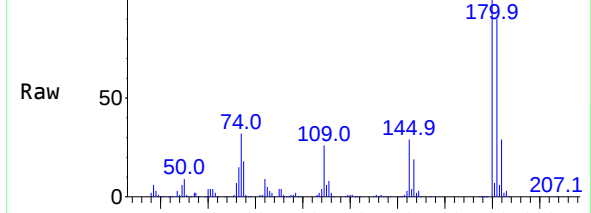


Abundance Scan 2087 (14.627 min): VW018505.D\data.ms (



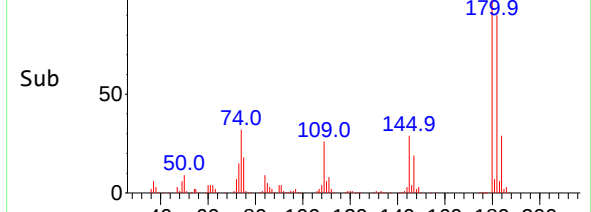
m/z-->

Abundance Scan 2087 (14.627 min): VW018505.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW018505.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 23.26 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW018505.D

Acq: 31 Mar 2021 11:05

Tgt Ion:180 Resp: 286342

Ion Ratio Lower Upper

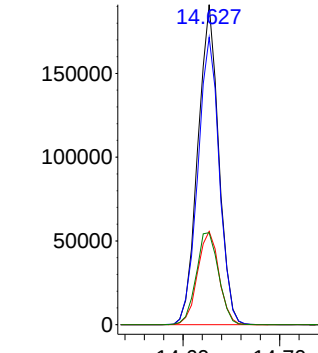
180 100

182 92.1 73.4 110.2

184 30.0 23.6 35.4

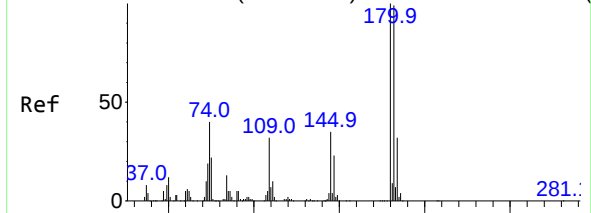
145 31.0 24.9 37.3

Abundance



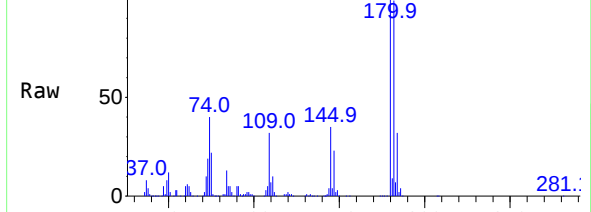
Time-->

Abundance Scan 2169 (15.127 min): VW018505.D\data.ms (



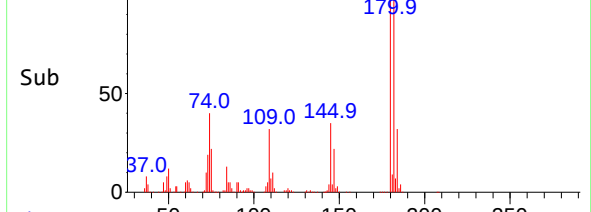
m/z-->

Abundance Scan 2169 (15.127 min): VW018505.D\data.ms



m/z-->

Abundance Scan 2169 (15.127 min): VW018505.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 22.95 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW018505.D

Acq: 31 Mar 2021 11:05

Tgt Ion:180 Resp: 231632

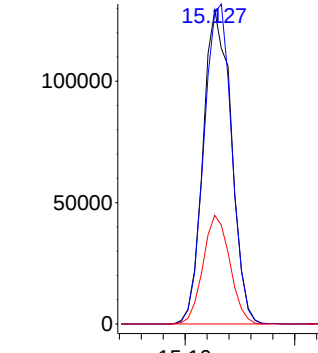
Ion Ratio Lower Upper

180 100

182 100.1 74.7 112.1

145 32.8 25.0 37.4

Abundance



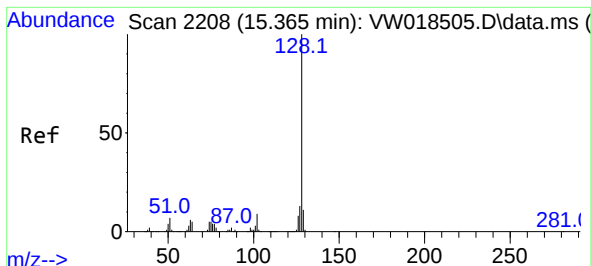
Time-->

Instrument :

MSVOA_W

ClientSampleId :

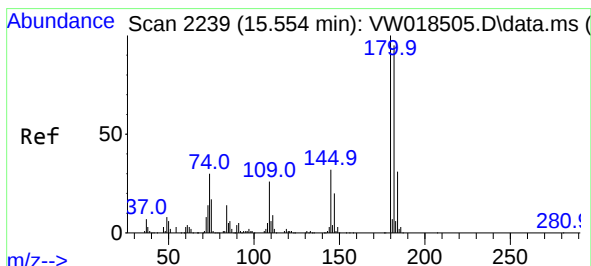
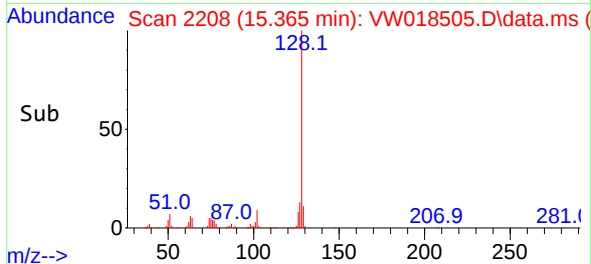
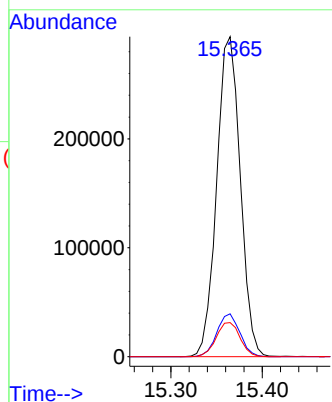
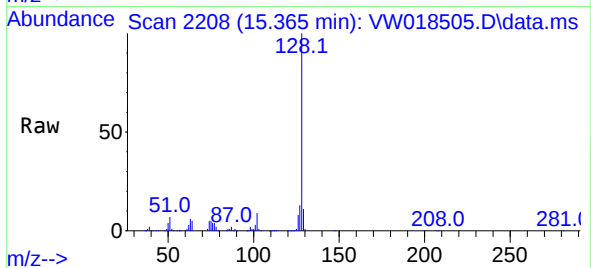
VSTD025102



#71
Naphthalene
Concen: 28.52 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion:128 Resp: 526408
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.18 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018505.D
Acq: 31 Mar 2021 11:05

Tgt Ion:180 Resp: 215268
Ion Ratio Lower Upper
180 100
182 92.6 76.7 115.1
145 33.3 28.9 43.3

