

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017947.D
 Acq On : 18 Jan 2021 22:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Jan 19 07:02:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	457015	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441284	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	218794	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	146735	20.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.84%		
7) Chloroethane-d5	2.879	69	126494	21.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.44%		
10) 1,1-Dichloroethene-d2	4.019	63	270664	20.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.56%		
20) 2-Butanone-d5	7.074	46	69486	40.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.12%		
24) Chloroform-d	7.647	84	290326	23.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.12%		
26) 1,2-Dichloroethane-d4	8.305	65	158620	22.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.96%		
29) Benzene-d6	8.275	84	559082	22.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.56%		
33) 1,2-Dichloropropane-d6	9.275	67	162635	22.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.52%		
37) Toluene-d8	10.323	98	545961	23.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.08%		
38) trans-1,3-Dichloroprop...	10.579	79	70173	21.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.52%		
39) 2-Hexanone-d5	10.927	63	51208	39.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.48%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	133316	20.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.44%		
61) 1,2-Dichlorobenzene-d4	13.853	152	183748	24.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	89457	16.17	ug/L	98
3) Chloromethane	2.209	50	102593	20.51	ug/L	96
5) Vinyl chloride	2.355	62	165072	21.64	ug/L	97
6) Bromomethane	2.770	94	116744	19.05	ug/L	99
8) Chloroethane	2.916	64	106044	22.38	ug/L	99
9) Trichlorofluoromethane	3.263	101	113986	19.71	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	138326	21.75	ug/L	# 73
12) 1,1-Dichloroethene	4.044	96	129674	21.62	ug/L	90
13) Acetone	4.117	43	43448	35.56	ug/L	94
14) Carbon disulfide	4.385	76	398346	21.46	ug/L	98
15) Methyl Acetate	4.666	43	56235	18.92	ug/L	96
16) Methylene chloride	4.909	84	141133	21.32	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	188915	23.40	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	144265	22.23	ug/L	100
19) 1,1-Dichloroethane	6.214	63	249263	22.68	ug/L	99
21) 2-Butanone	7.171	43	73140	38.53	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	151613	22.31	ug/L	96
23) Bromochloromethane	7.507	128	68019	22.01	ug/L	92
25) Chloroform	7.671	83	269624	23.02	ug/L	100
27) 1,2-Dichloroethane	8.397	62	182126	22.54	ug/L	96

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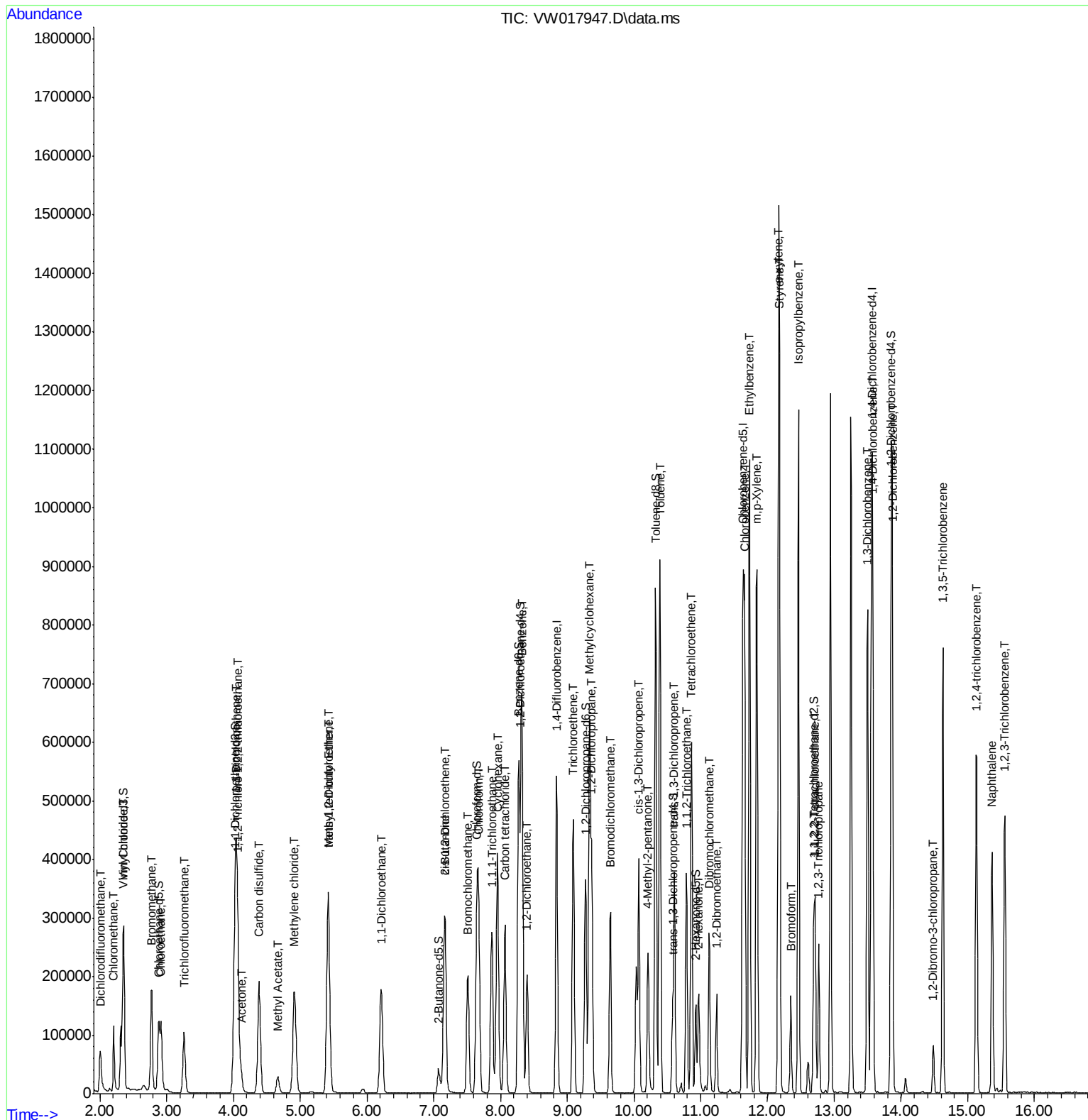
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	224647	20.72	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	219600	21.36	ug/L	97
32) Carbon tetrachloride	8.067	117	207740	21.13	ug/L	99
34) Benzene	8.323	78	579277	22.21	ug/L	100
35) Trichloroethene	9.092	95	157903	22.01	ug/L	95
36) Methylcyclohexane	9.336	83	259477	20.77	ug/L	99
40) 1,2-Dichloropropane	9.366	63	140543	22.26	ug/L	99
41) Bromodichloromethane	9.646	83	196609	22.57	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	222872	22.22	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	164833	38.84	ug/L	96
44) Toluene	10.390	91	655613	22.74	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	194614	22.21	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	111421	21.92	ug/L	95
47) Tetrachloroethene	10.860	164	121677	21.56	ug/L	97
49) 2-Hexanone	10.969	43	112720	38.89	ug/L	91
50) Dibromochloromethane	11.128	129	134438	22.16	ug/L	96
51) 1,2-Dibromoethane	11.238	107	108949	21.32	ug/L #	100
52) Chlorobenzene	11.658	112	429211	23.09	ug/L	99
53) Ethylbenzene	11.731	91	745156	22.88	ug/L	98
54) m,p-Xylene	11.841	106	287129	22.78	ug/L	96
55) o-xylene	12.164	106	274681	23.53	ug/L	99
56) Styrene	12.183	104	473705	23.94	ug/L	99
57) Isopropylbenzene	12.463	105	733325	22.59	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	129644	20.67	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	95601	20.16	ug/L	98
62) Bromoform	12.347	173	68355	21.90	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	314656	22.97	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	317370	23.05	ug/L	97
65) 1,2-Dichlorobenzene	13.871	146	286553	23.23	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	18983	18.36	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.627	180	212886	22.24	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	172641	21.13	ug/L	95
69) Naphthalene	15.365	128	345925	19.78	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	152352	21.39	ug/L	98

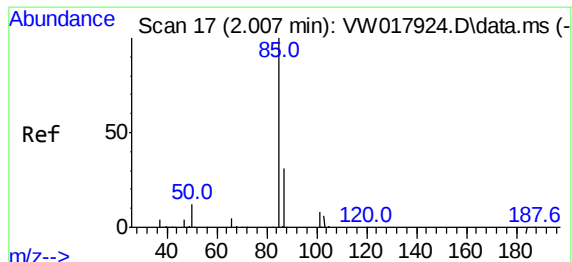
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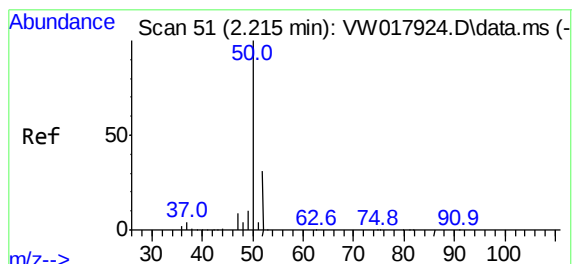
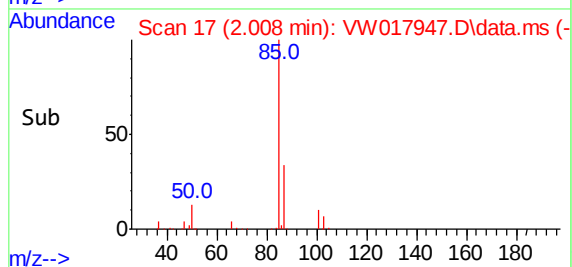
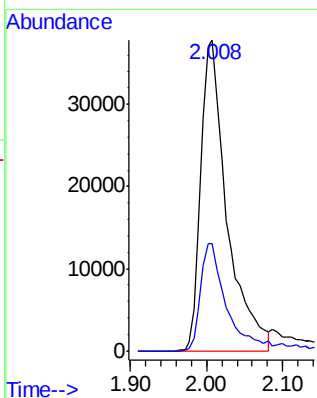
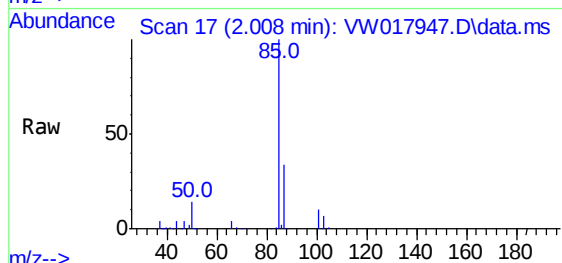




#2
Dichlorodifluoromethane
Concen: 16.17 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

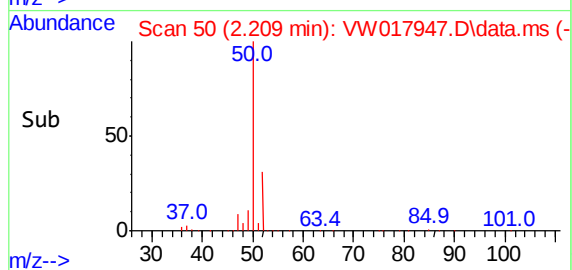
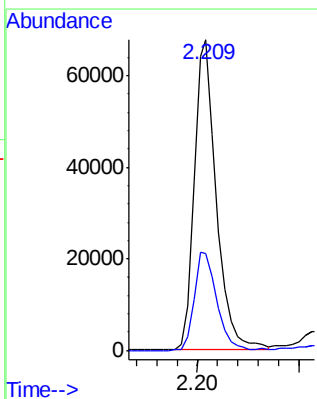
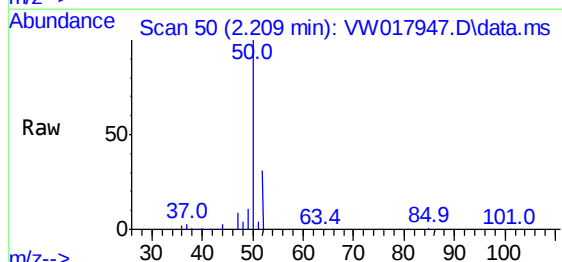
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ClientSampleId :
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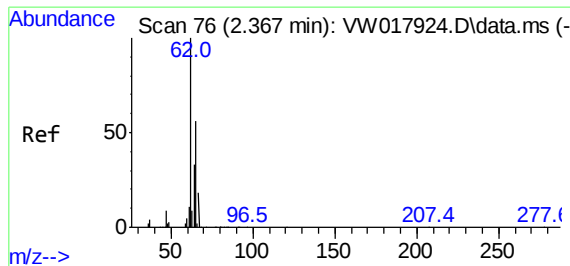
Tgt Ion: 85 Resp: 89457
Ion Ratio Lower Upper
85 100
87 34.1 23.2 43.0



#3
Chloromethane
Concen: 20.51 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 50 Resp: 102593
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.6

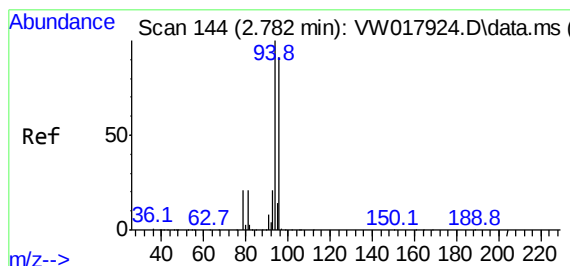
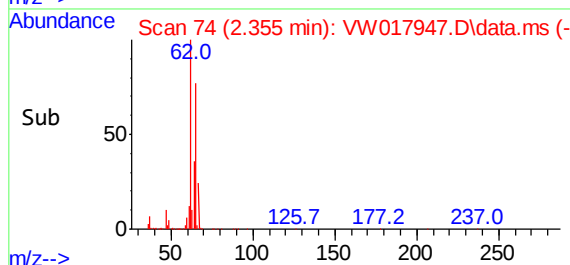
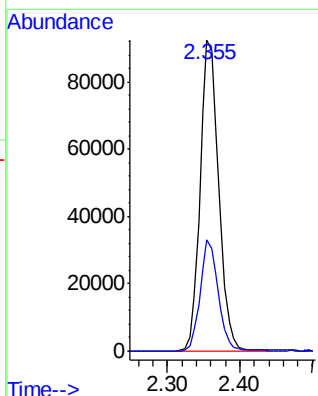
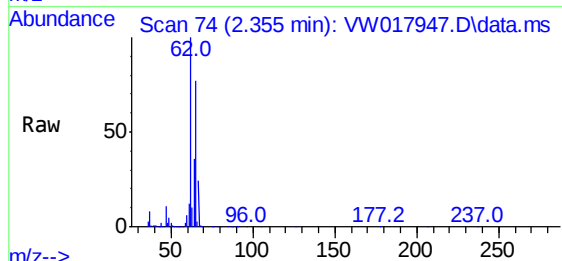




#5
 Vinyl chloride
 Concen: 21.64 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

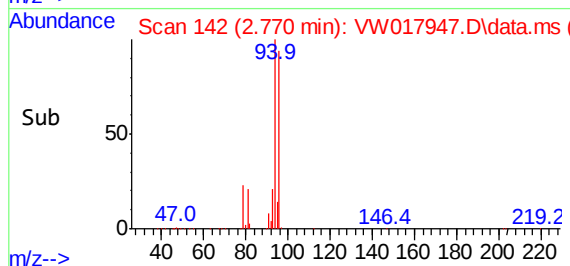
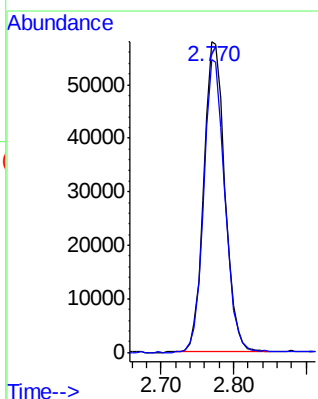
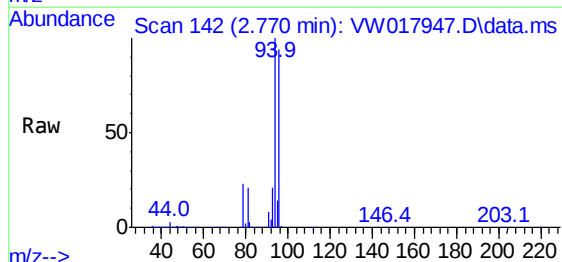
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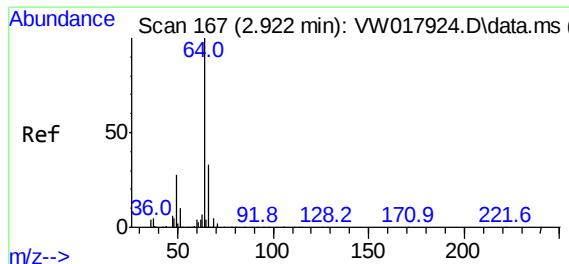
Tgt Ion: 62 Resp: 165072
 Ion Ratio Lower Upper
 62 100
 64 35.8 23.9 44.5



#6
 Bromomethane
 Concen: 19.05 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

Tgt Ion: 94 Resp: 116744
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.4 178.0

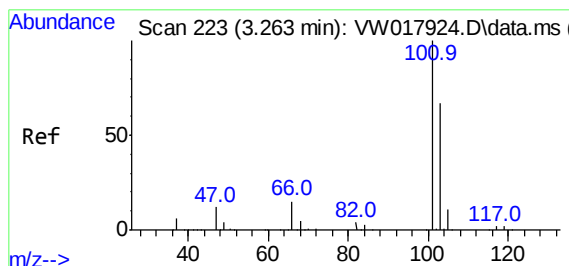
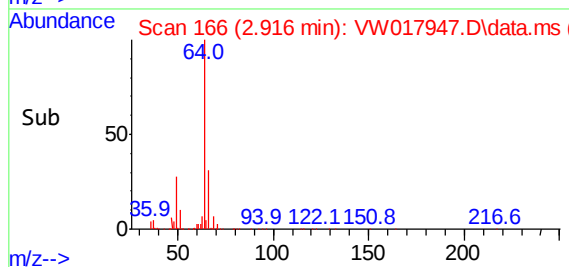
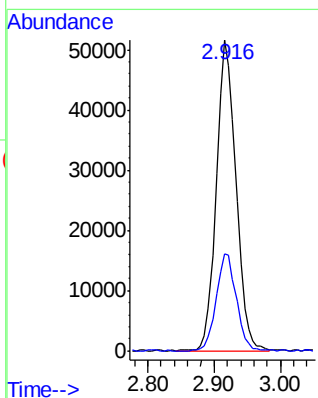
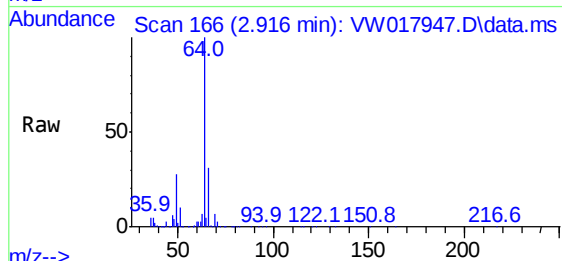




#8
Chloroethane
Concen: 22.38 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

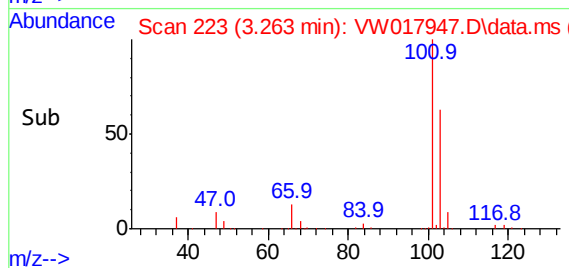
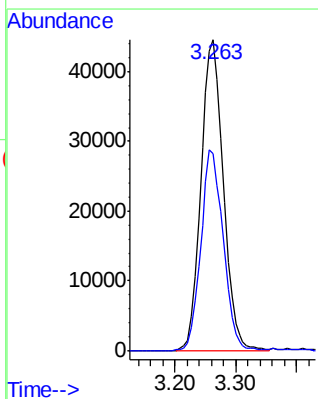
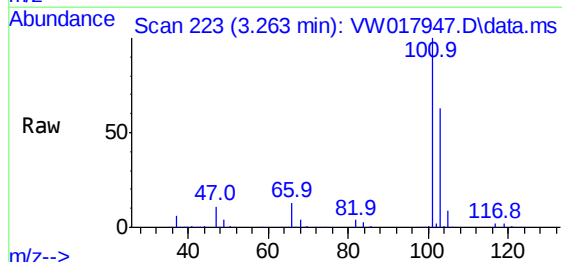
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ClientSampled :
VSTD02524

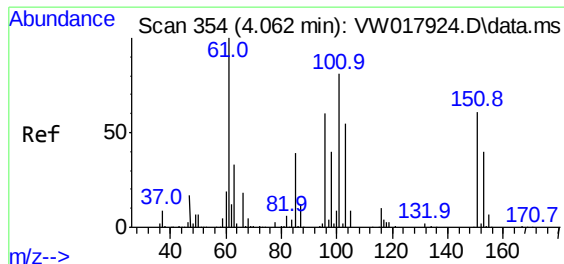
Tgt Ion: 64 Resp: 106044
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 19.71 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:101 Resp: 113986
Ion Ratio Lower Upper
101 100
103 64.3 45.0 83.6

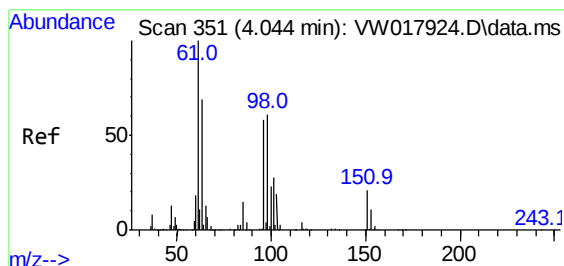
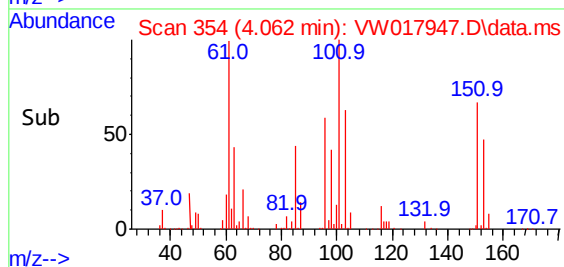
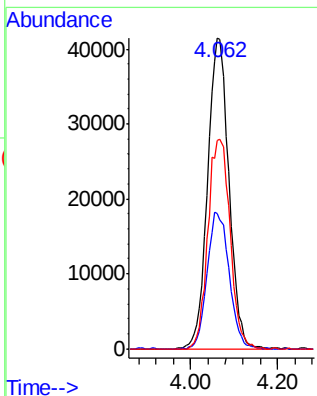
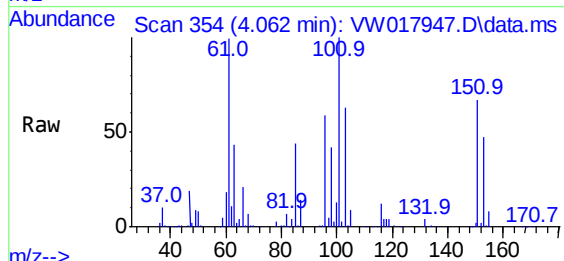




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.75 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

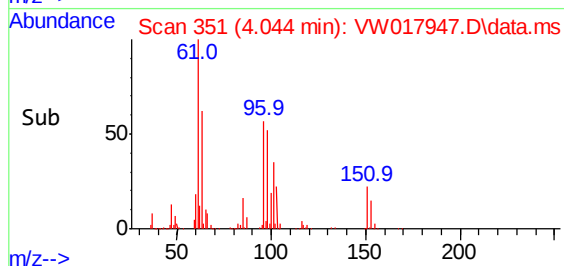
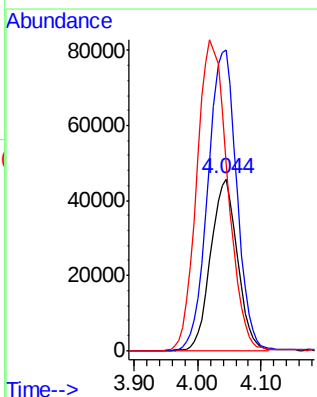
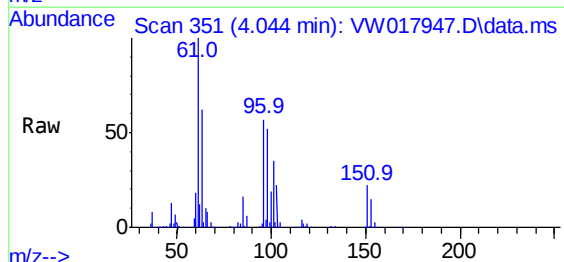
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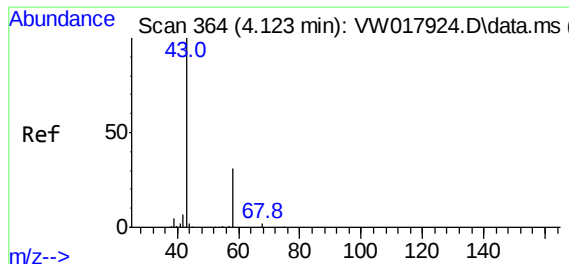
Tgt Ion:101 Resp: 138326
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.2 51.4
 151 70.2 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 21.62 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW017947.D
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Tgt Ion: 96 Resp: 129674
 Ion Ratio Lower Upper
 96 100
 61 175.2 112.5 208.9
 63 109.0 83.1 154.3

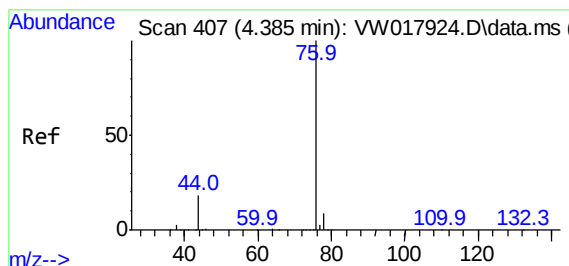
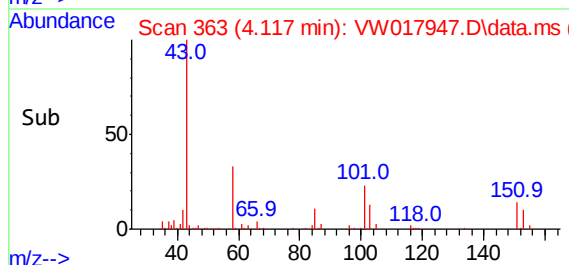
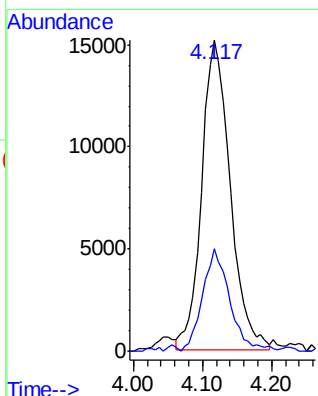
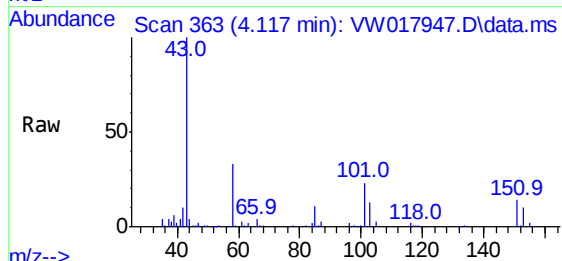




#13
Acetone
Concen: 35.56 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

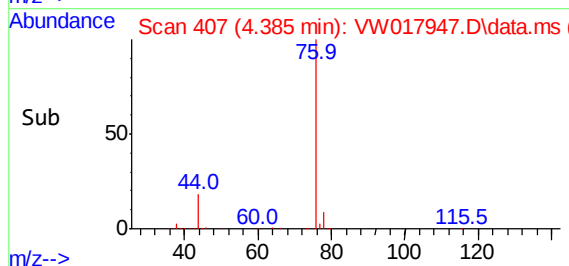
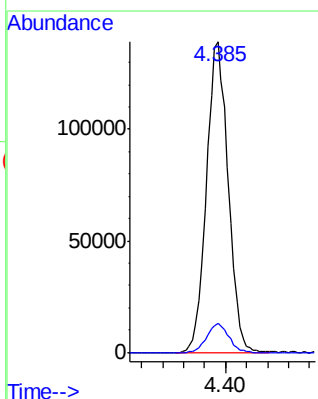
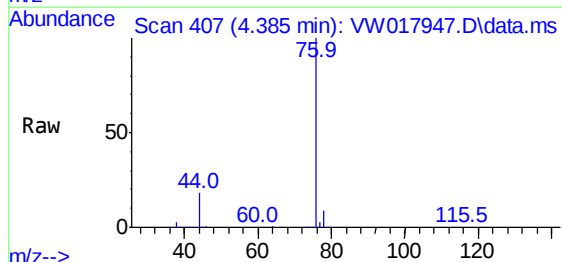
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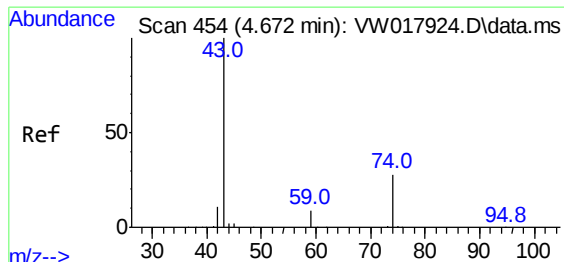
Tgt Ion: 43 Resp: 43448
Ion Ratio Lower Upper
43 100
58 30.8 0.0 68.4



#14
Carbon disulfide
Concen: 21.46 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 398346
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

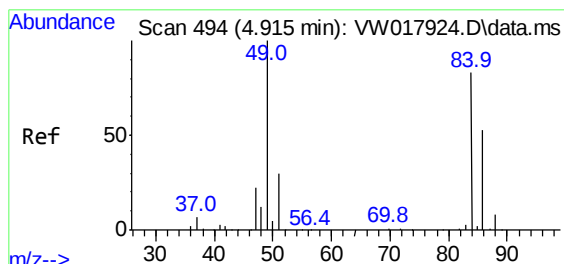
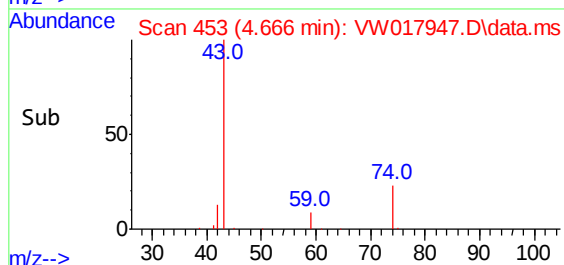
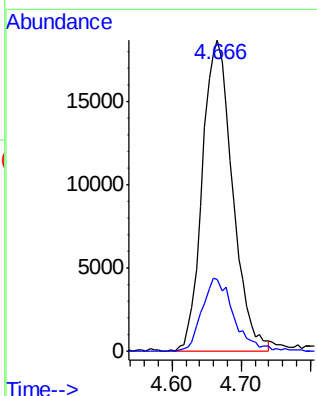
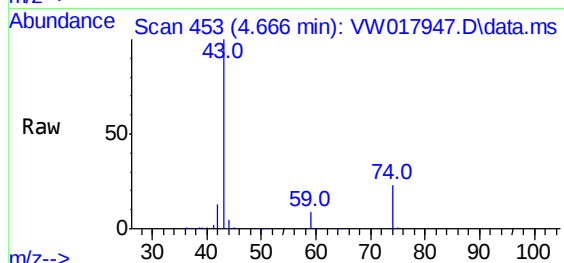




#15
Methyl Acetate
Concen: 18.92 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

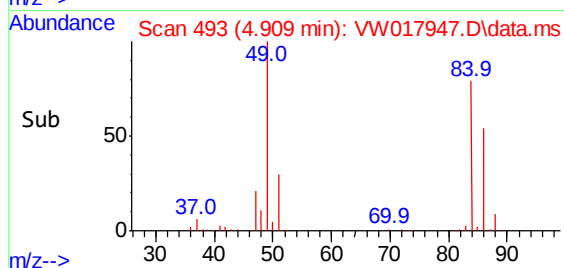
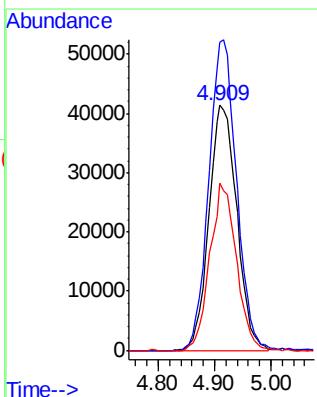
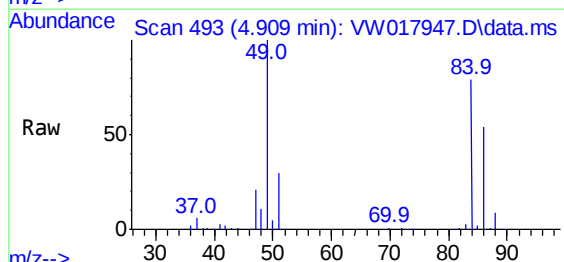
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

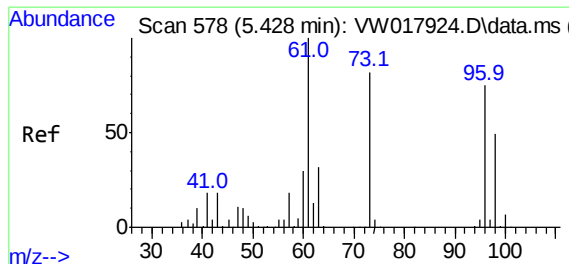
Tgt Ion: 43 Resp: 56235
Ion Ratio Lower Upper
43 100
74 23.8 20.7 31.1



#16
Methylene chloride
Concen: 21.32 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 84 Resp: 141133
Ion Ratio Lower Upper
84 100
49 126.0 81.2 150.8
86 68.3 44.5 82.7



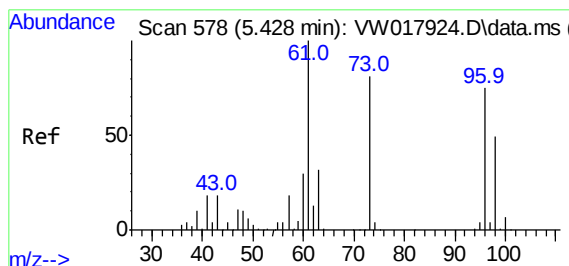
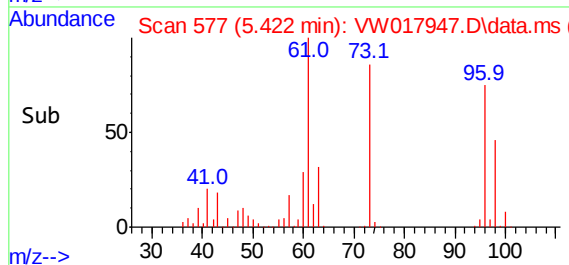
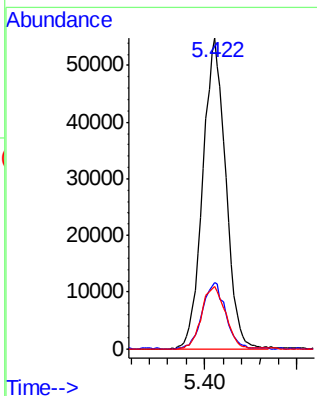
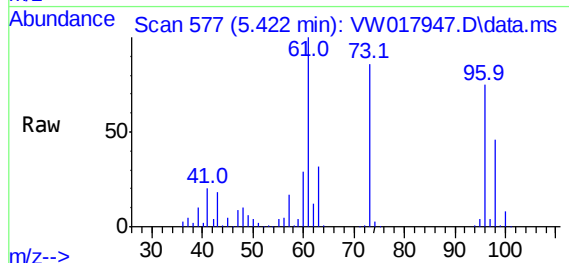


#17
Methyl tert-butyl Ether
Concen: 23.40 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 73 Resp: 188915

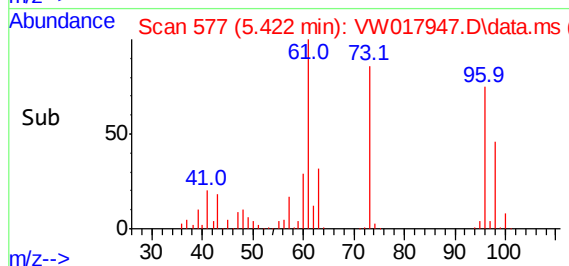
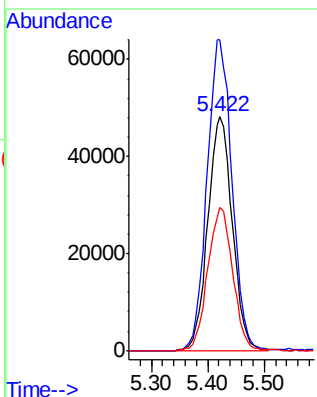
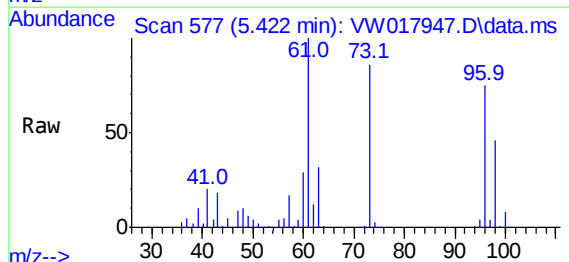
Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.4
57	20.8	17.2	25.8

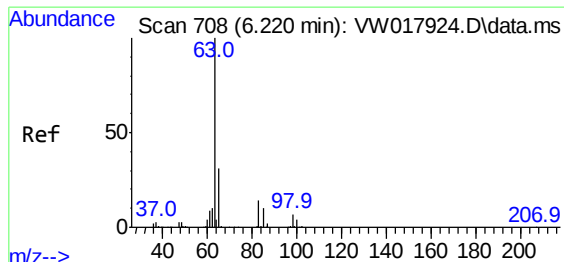


#18
trans-1,2-Dichloroethene
Concen: 22.23 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 96 Resp: 144265

Ion	Ratio	Lower	Upper
96	100		
61	132.8	92.7	172.1
98	61.2	43.3	80.3

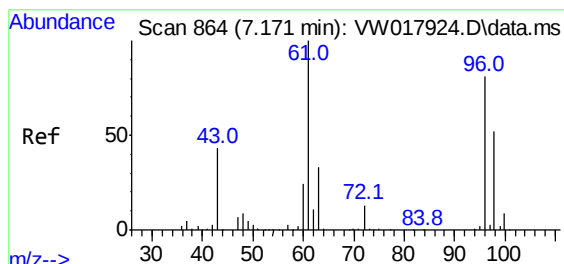
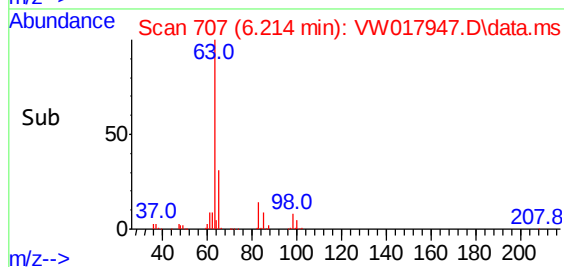
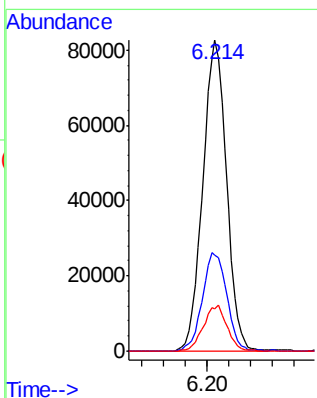
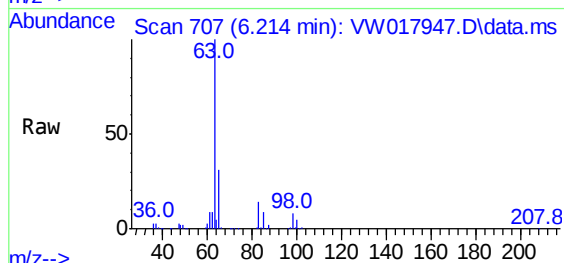




#19
1,1-Dichloroethane
Concen: 22.68 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

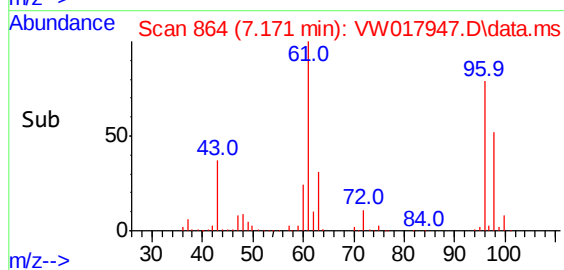
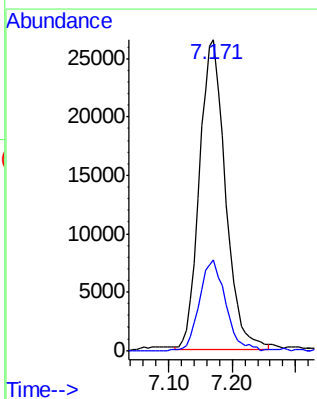
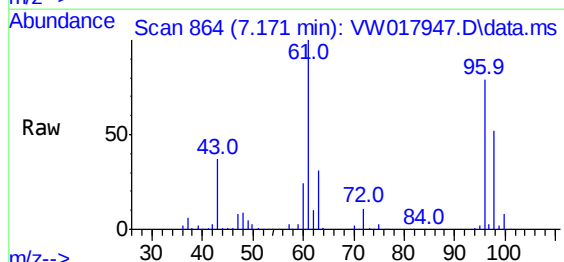
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

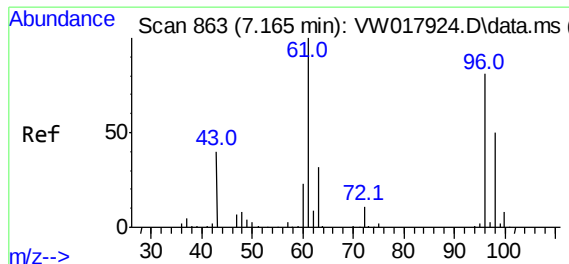
Tgt Ion: 63 Resp: 249263
Ion Ratio Lower Upper
63 100
65 30.9 21.9 40.7
83 13.6 9.4 17.6



#21
2-Butanone
Concen: 38.53 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 43 Resp: 73140
Ion Ratio Lower Upper
43 100
72 28.6 14.4 43.2



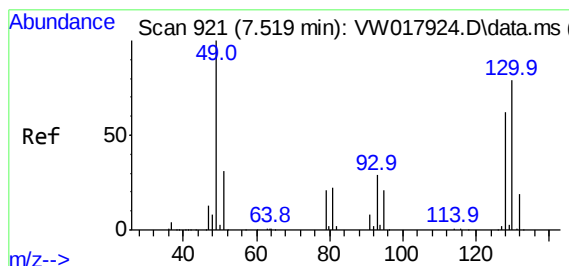
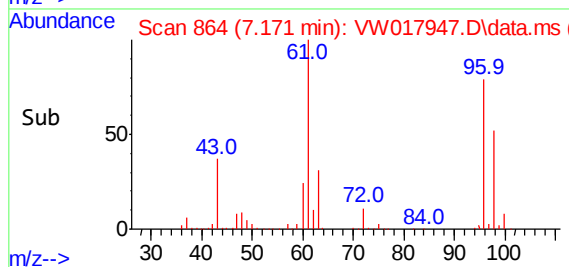
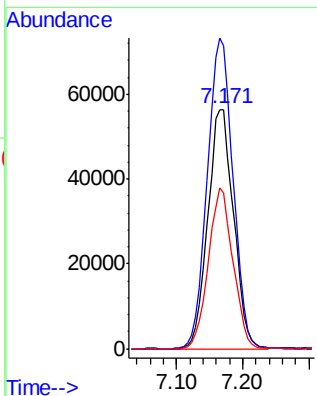
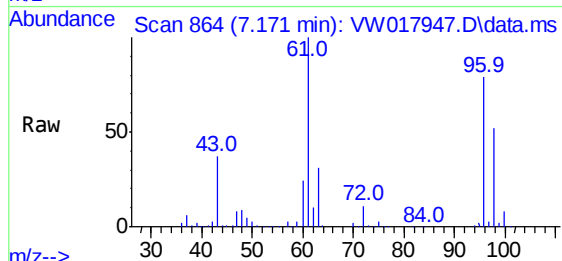


#22
 cis-1,2-Dichloroethene
 Concen: 22.31 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Tgt Ion: 96 Resp: 151613

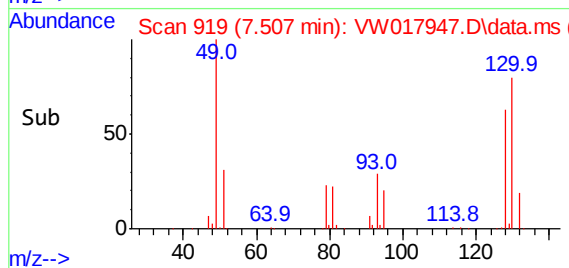
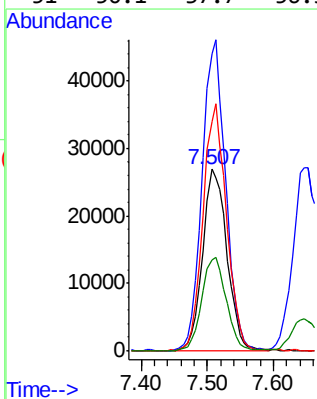
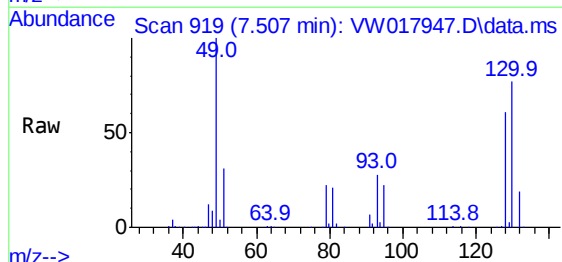
Ion	Ratio	Lower	Upper
96	100		
61	126.5	84.6	157.2
98	65.3	44.7	82.9

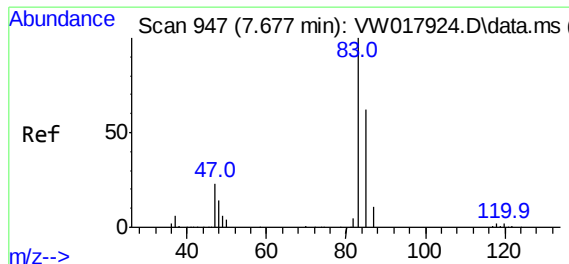


#23
 Bromochloromethane
 Concen: 22.01 ug/L
 RT: 7.507 min Scan# 919
 Delta R.T. -0.012 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

Tgt Ion: 128 Resp: 68019

Ion	Ratio	Lower	Upper
128	100		
49	164.3	101.6	188.6
130	126.6	90.4	167.8
51	50.1	37.7	56.5

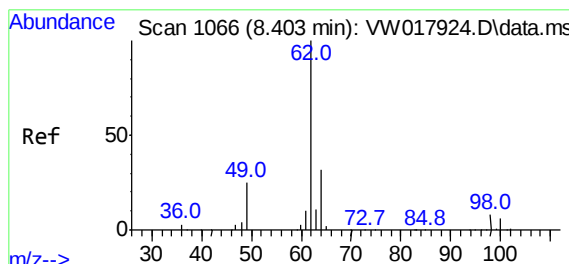
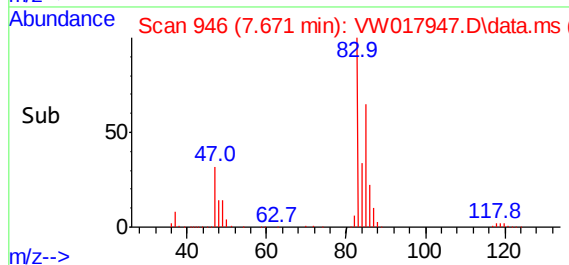
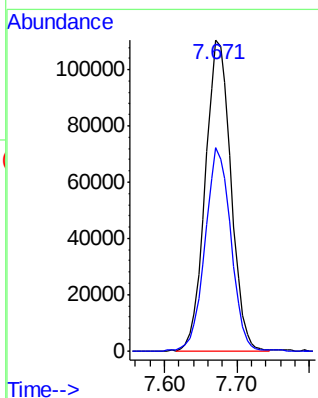
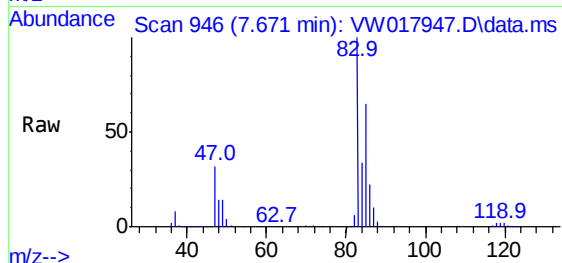




#25
Chloroform
Concen: 23.02 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

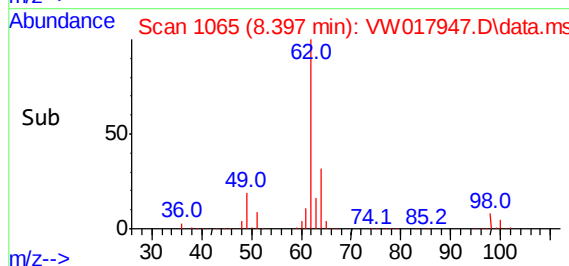
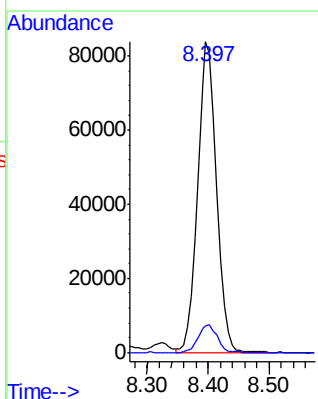
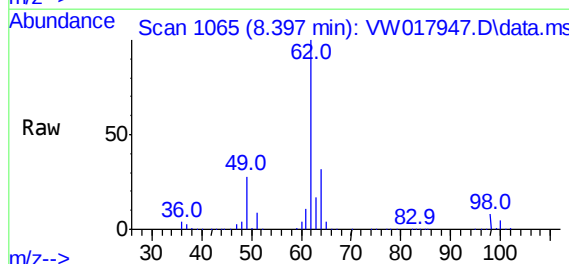
Instrument :
MSVOA_W
ClientSampled :
VSTD02524

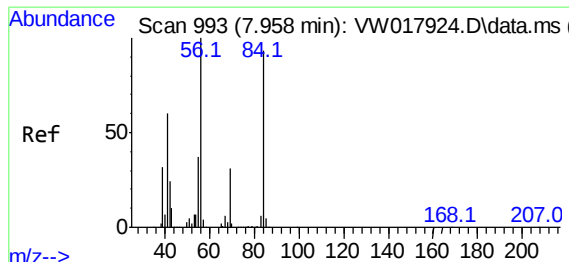
Tgt Ion: 83 Resp: 269624
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.54 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 62 Resp: 182126
Ion Ratio Lower Upper
62 100
98 8.4 8.0 12.0

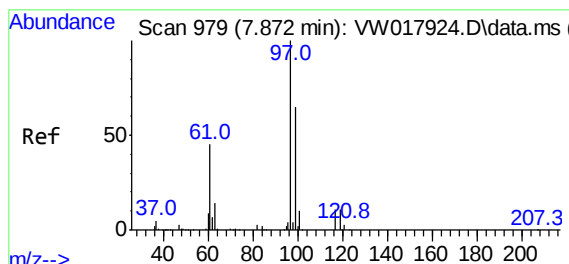
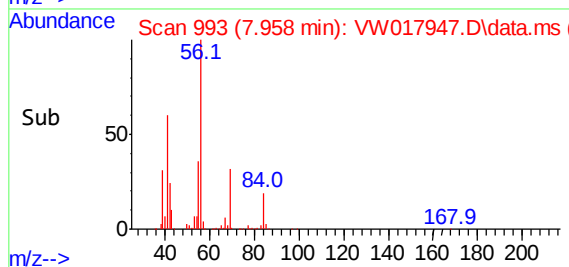
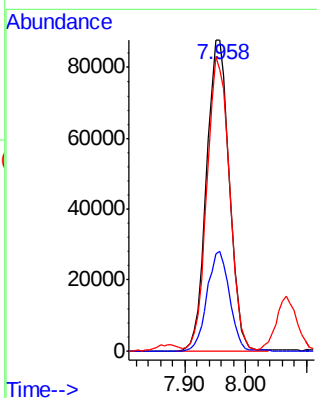
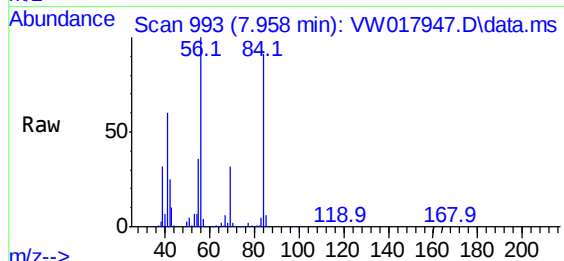




#30
Cyclohexane
Concen: 20.72 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

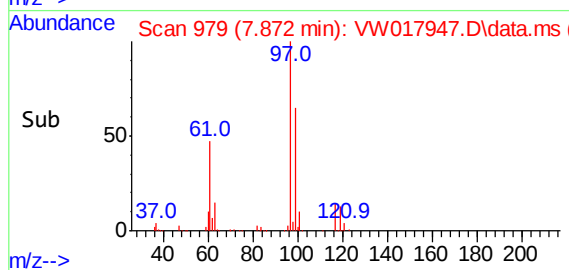
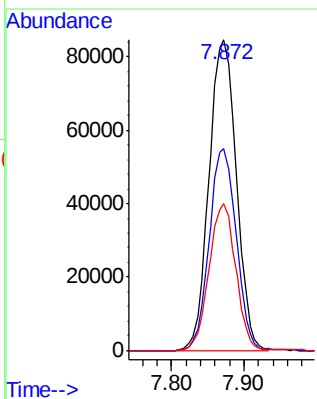
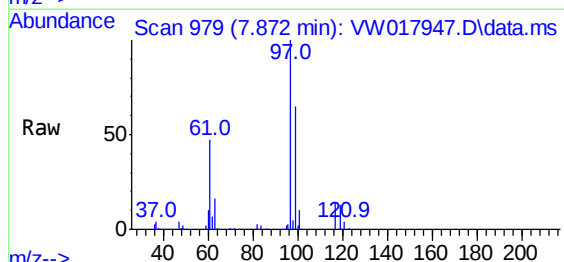
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

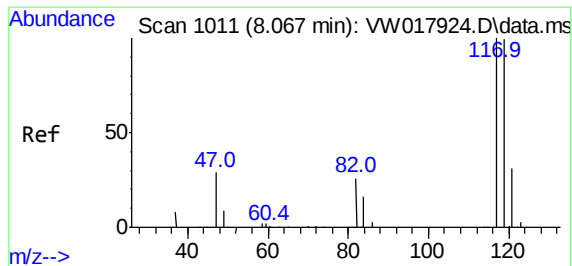
Tgt Ion: 56 Resp: 224647
Ion Ratio Lower Upper
56 100
69 31.5 24.8 37.2
84 93.8 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 21.36 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 97 Resp: 219600
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 46.2 33.6 50.4

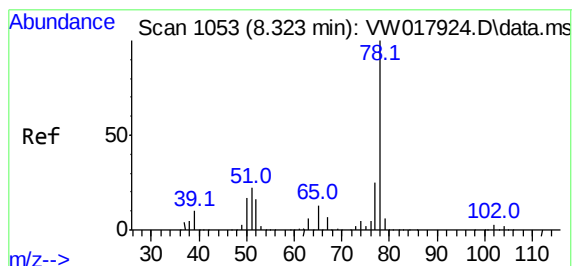
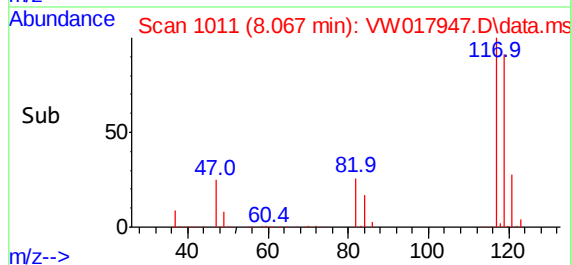
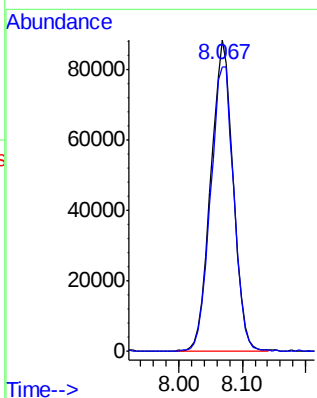
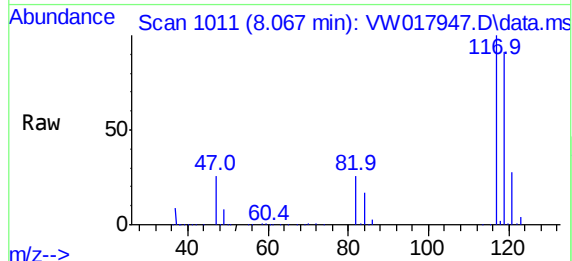




#32
Carbon tetrachloride
Concen: 21.13 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

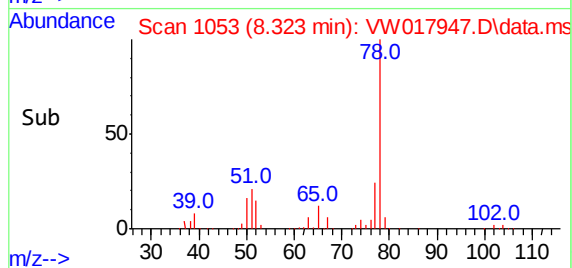
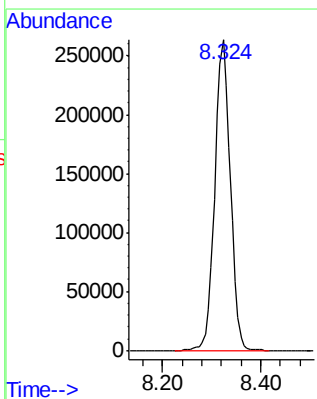
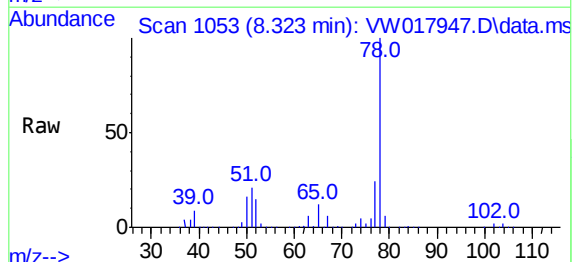
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

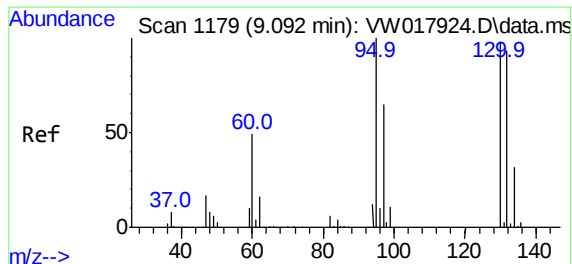
Tgt Ion:117 Resp: 207740
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8



#34
Benzene
Concen: 22.21 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 78 Resp: 579277



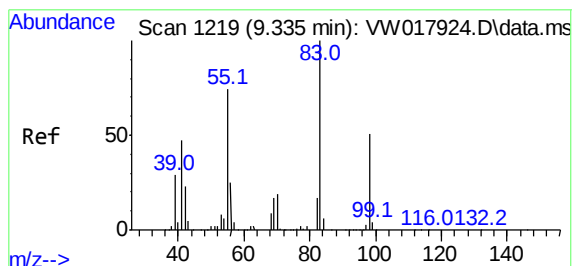
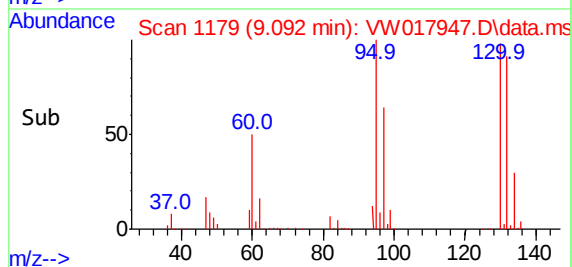
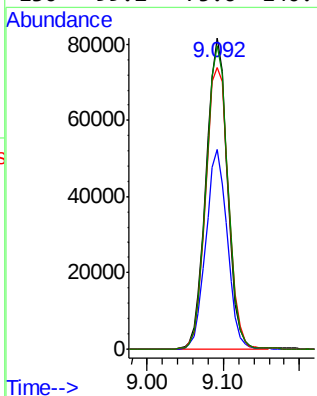
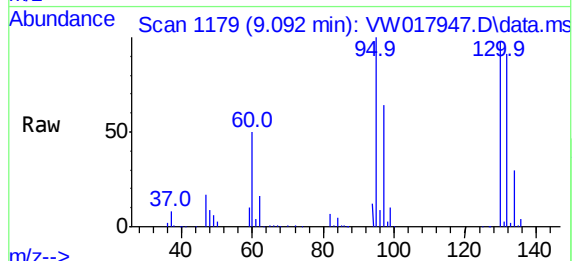


#35
Trichloroethene
Concen: 22.01 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 95 Resp: 157903

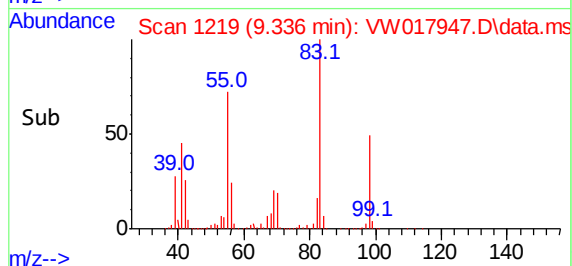
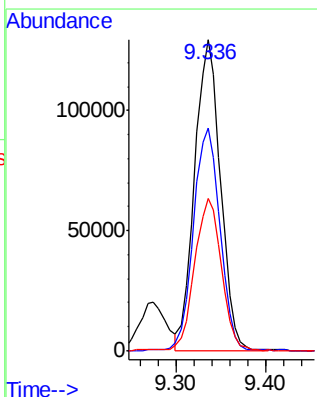
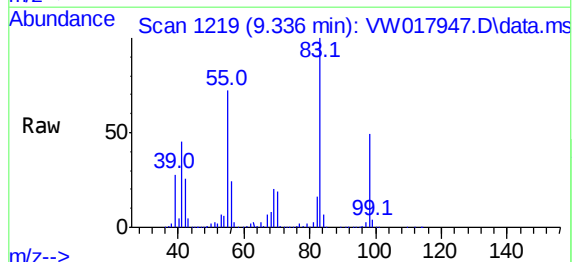
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	96.7	71.0	131.8
130	99.2	75.6	140.4

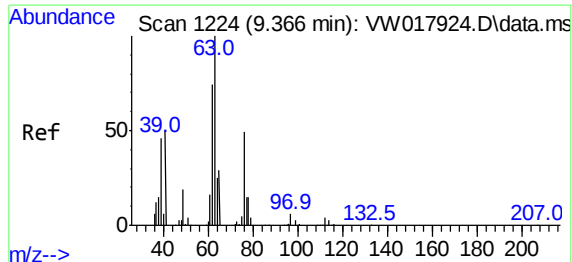


#36
Methylcyclohexane
Concen: 20.77 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 83 Resp: 259477

Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.4	89.0
98	50.4	40.7	61.1

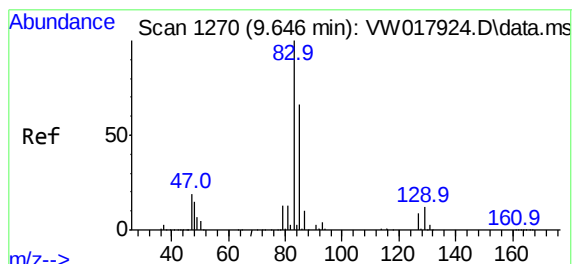
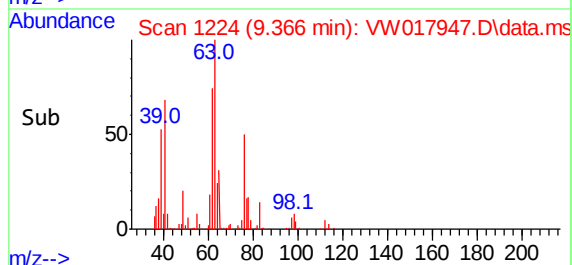
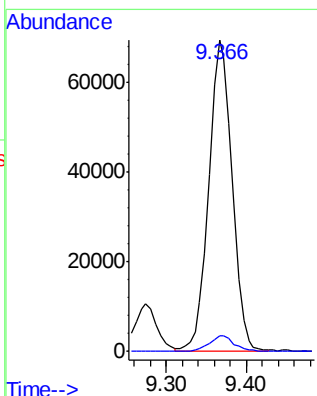
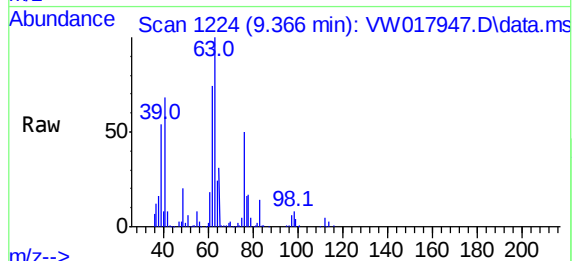




#40
1,2-Dichloropropane
Concen: 22.26 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

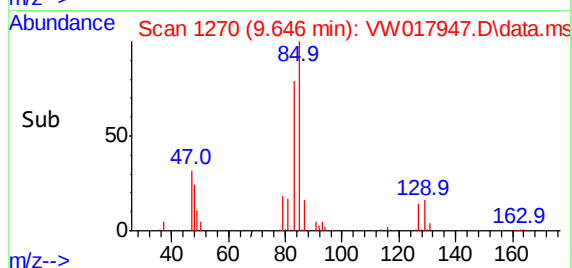
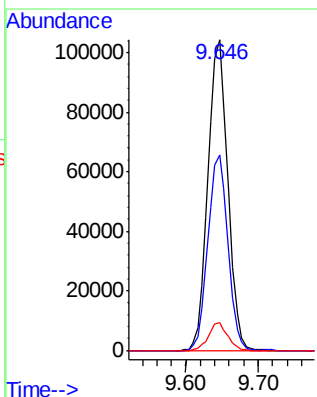
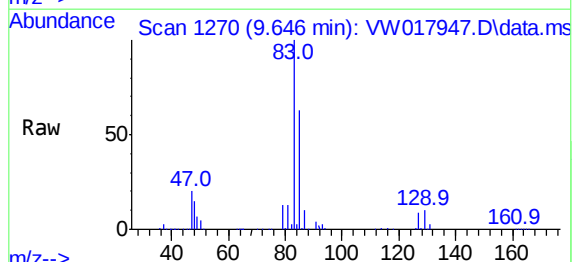
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

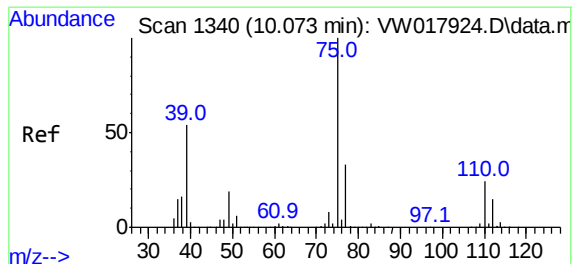
Tgt Ion: 63 Resp: 140543
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#41
Bromodichloromethane
Concen: 22.57 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 83 Resp: 196609
Ion Ratio Lower Upper
83 100
85 63.0 46.8 86.8
127 8.9 7.6 11.4

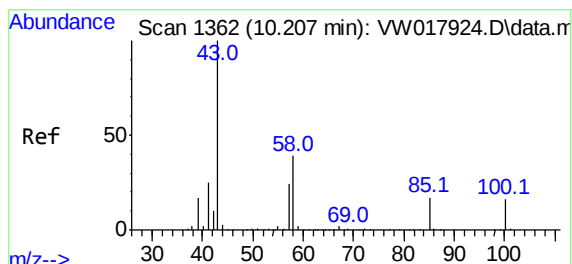
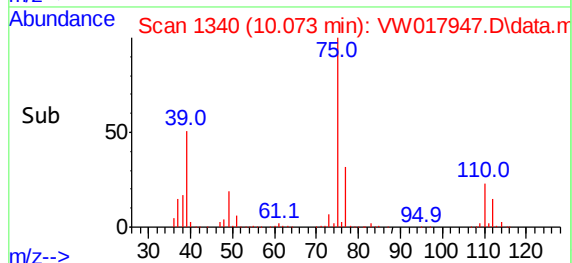
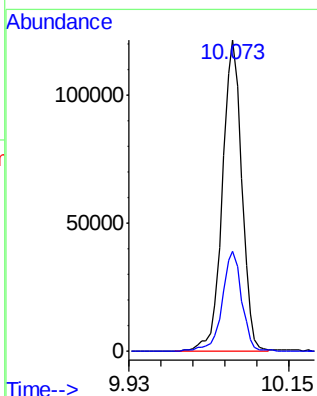
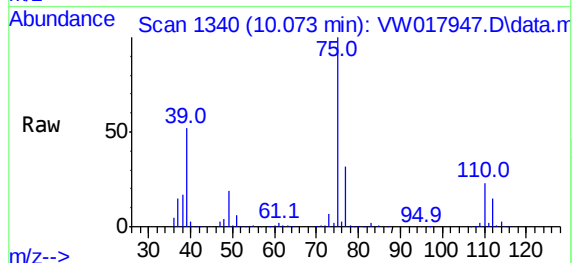




#42
 cis-1,3-Dichloropropene
 Concen: 22.22 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

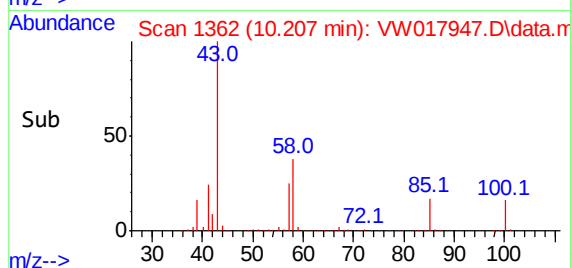
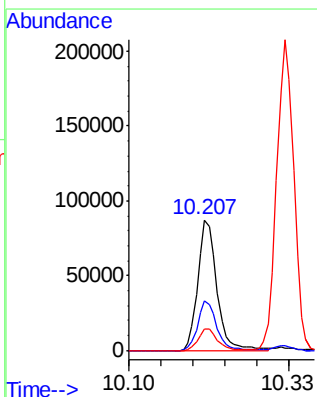
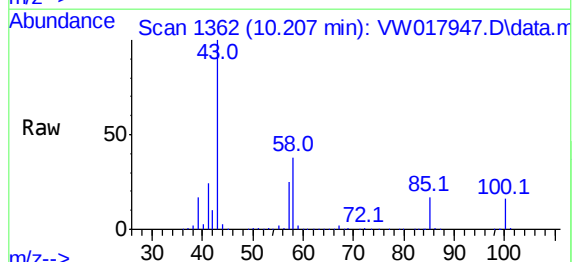
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02524

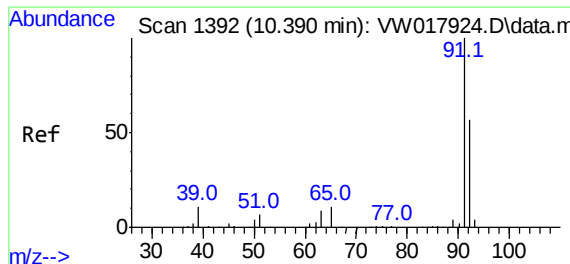
Tgt Ion: 75 Resp: 222872
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.7 42.3



#43
 4-Methyl-2-pentanone
 Concen: 38.84 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW017947.D
 Acq: 18 Jan 2021 22:35

Tgt Ion: 43 Resp: 164833
 Ion Ratio Lower Upper
 43 100
 58 37.3 31.6 47.4
 100 16.1 14.1 21.1

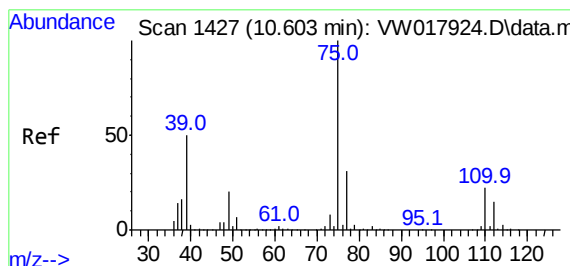
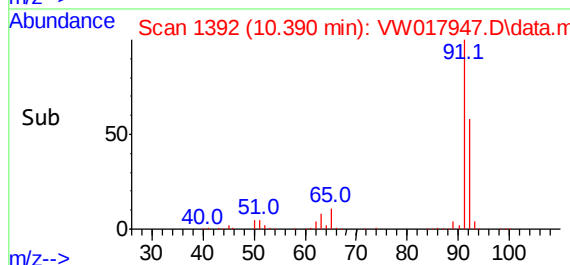
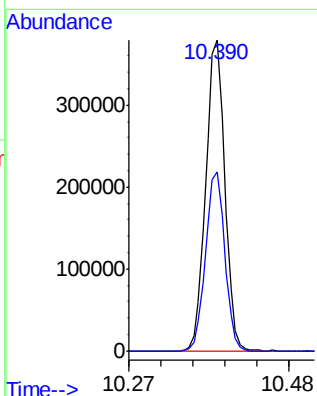
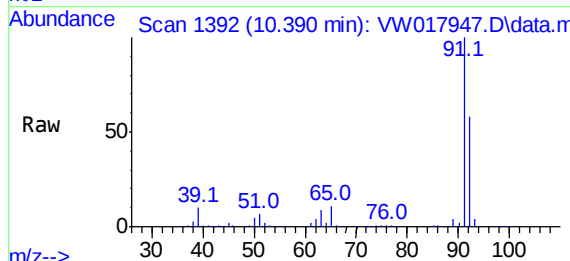




#44
Toluene
Concen: 22.74 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

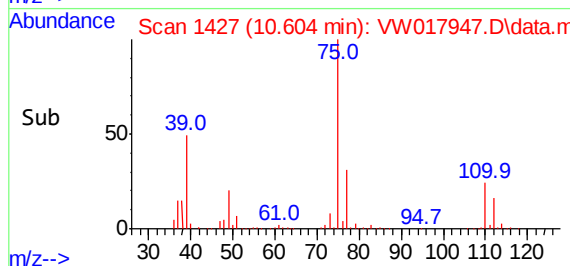
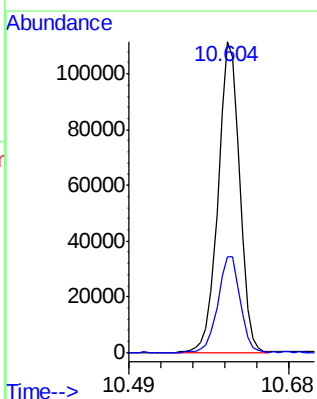
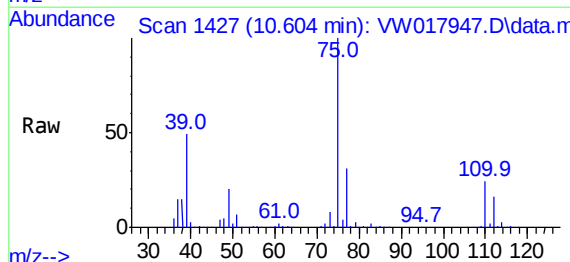
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

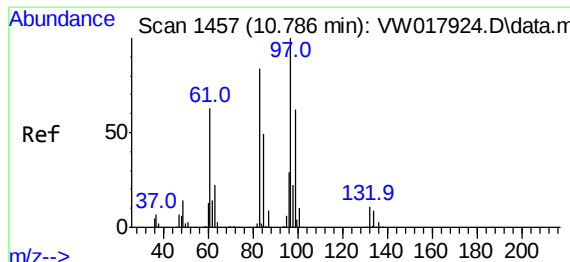
Tgt Ion: 91 Resp: 655613
Ion Ratio Lower Upper
91 100
92 57.6 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 22.21 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 75 Resp: 194614
Ion Ratio Lower Upper
75 100
77 30.7 22.6 42.0



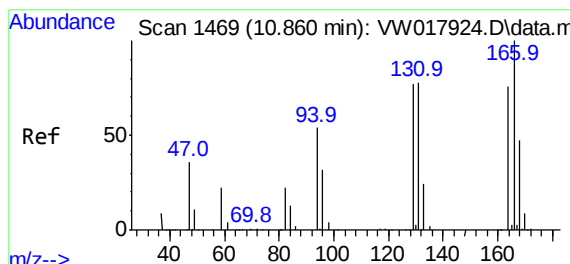
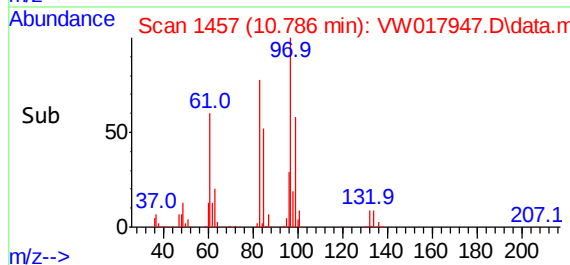
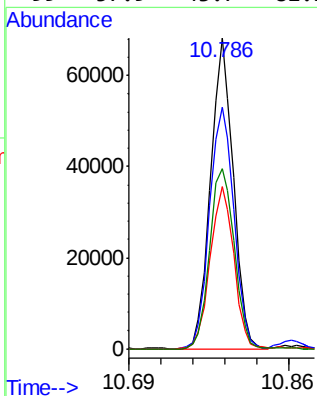
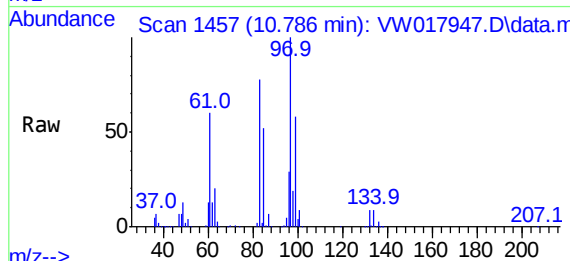


#46
1,1,2-Trichloroethane
Concen: 21.92 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 97 Resp: 111421

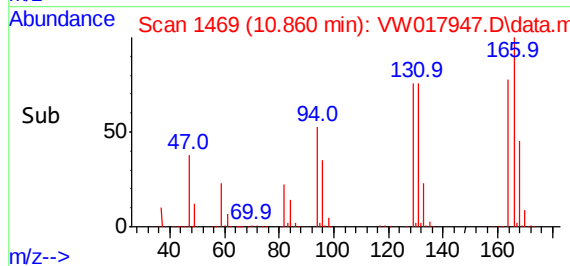
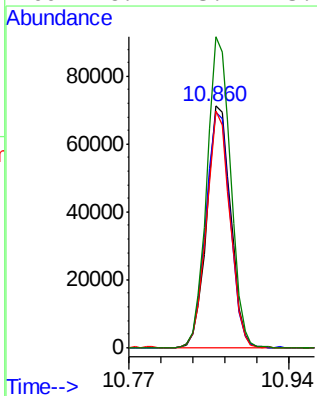
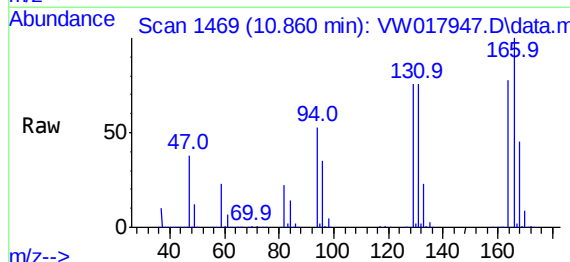
Ion	Ratio	Lower	Upper
97	100		
83	77.7	58.5	108.7
85	52.1	37.8	70.2
99	57.9	43.7	81.1

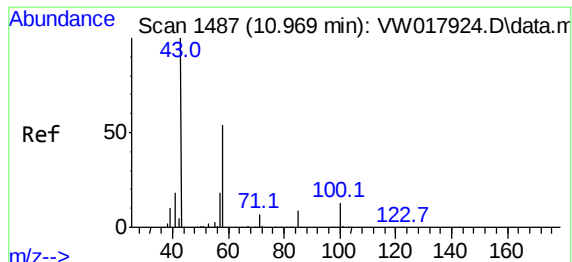


#47
Tetrachloroethene
Concen: 21.56 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 164 Resp: 121677

Ion	Ratio	Lower	Upper
164	100		
129	97.5	67.6	125.6
131	97.9	65.2	121.2
166	128.9	93.2	173.2



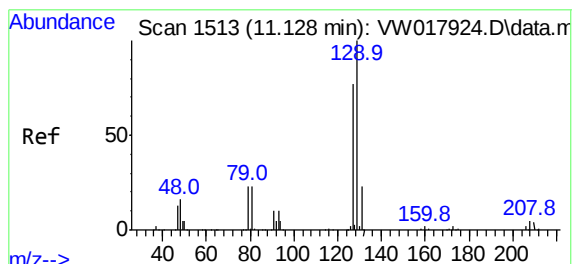
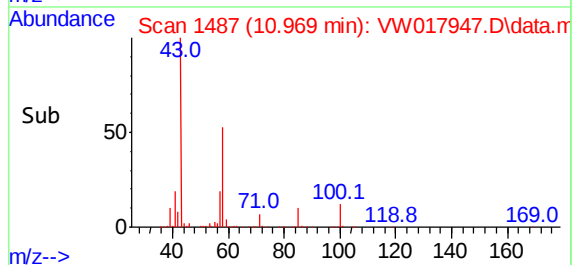
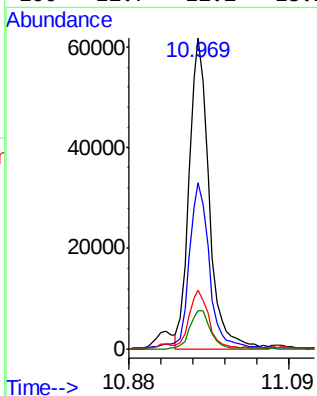
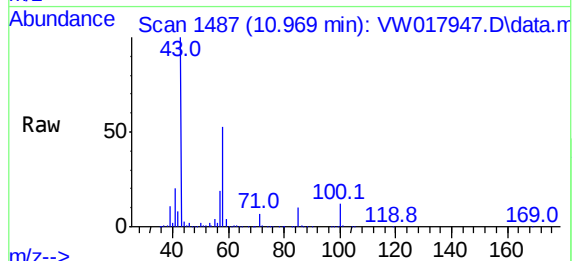


#49
2-Hexanone
Concen: 38.89 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 43 Resp: 112720

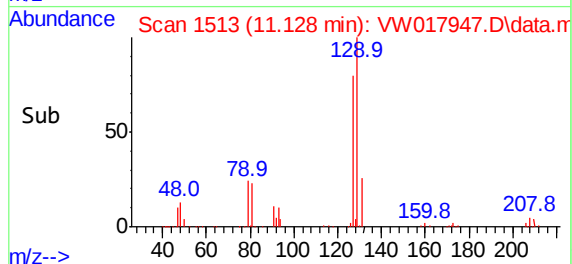
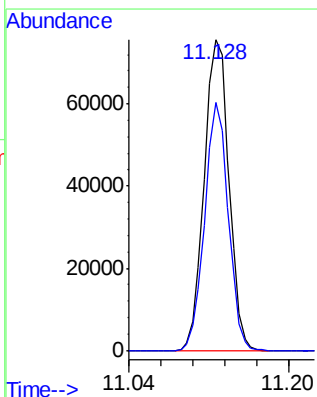
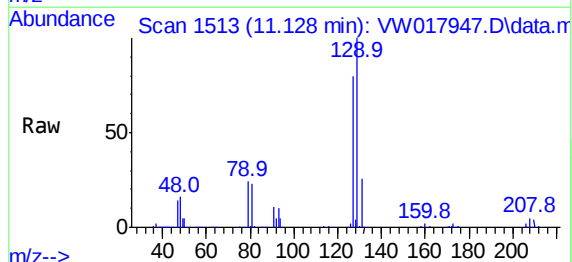
Ion	Ratio	Lower	Upper
43	100		
58	54.0	51.3	76.9
57	18.7	15.0	22.6
100	12.7	12.2	18.2

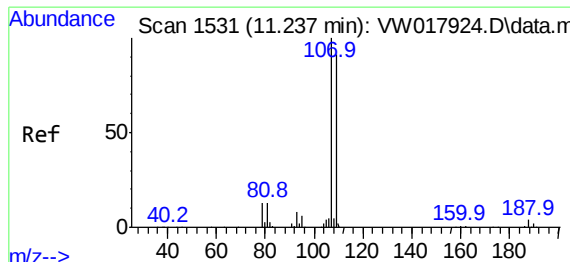


#50
Dibromochloromethane
Concen: 22.16 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 129 Resp: 134438

Ion	Ratio	Lower	Upper
129	100		
127	79.7	53.2	98.8

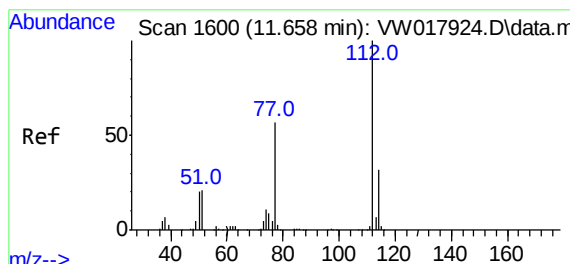
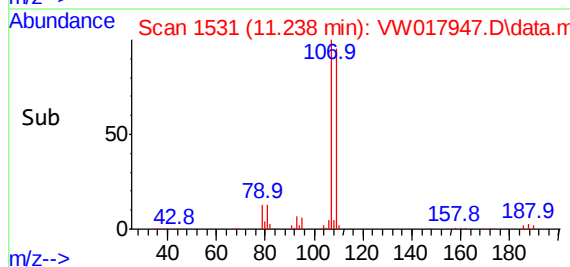
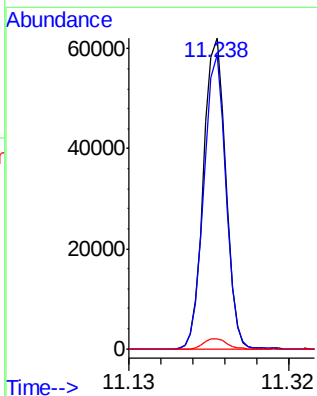
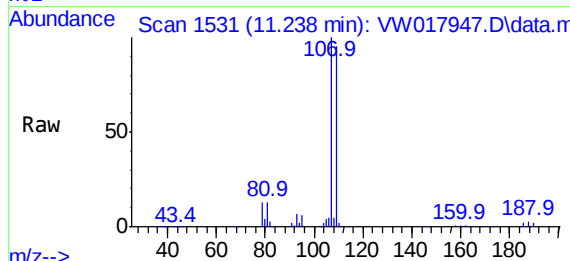




#51
1,2-Dibromoethane
Concen: 21.32 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

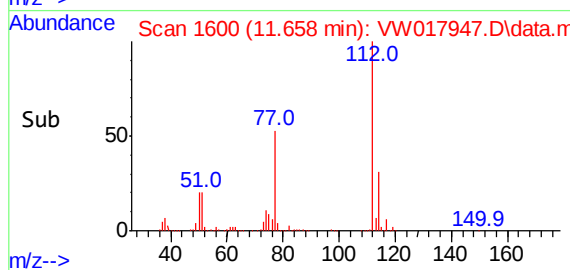
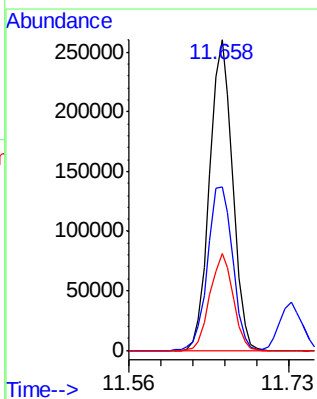
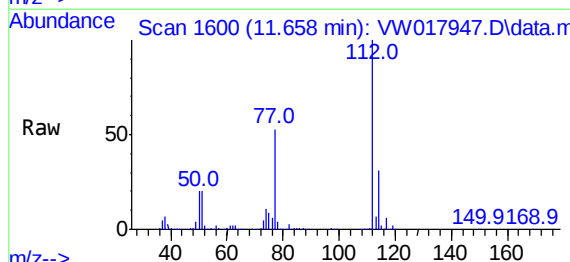
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

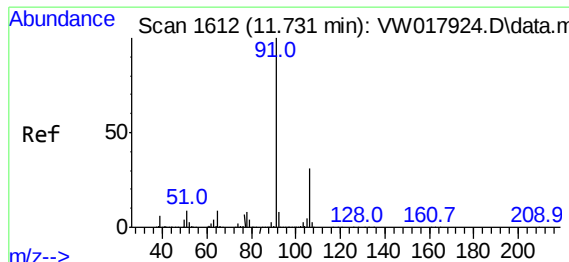
Tgt Ion:107 Resp: 108949
Ion Ratio Lower Upper
107 100
109 94.8 66.4 123.2
188 3.3 4.0 6.0#



#52
Chlorobenzene
Concen: 23.09 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:112 Resp: 429211
Ion Ratio Lower Upper
112 100
77 52.7 42.6 64.0
114 31.1 21.6 40.2

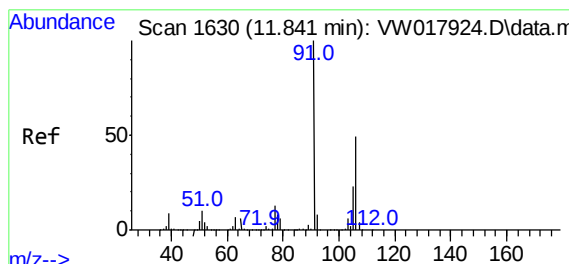
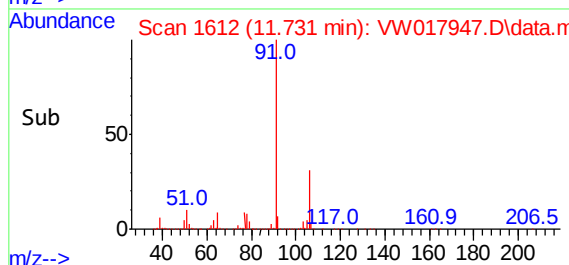
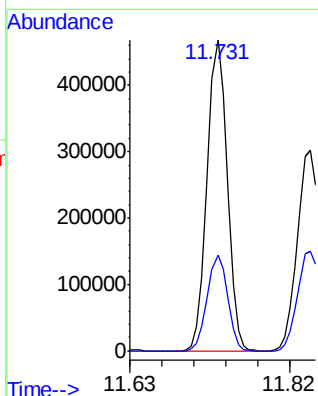
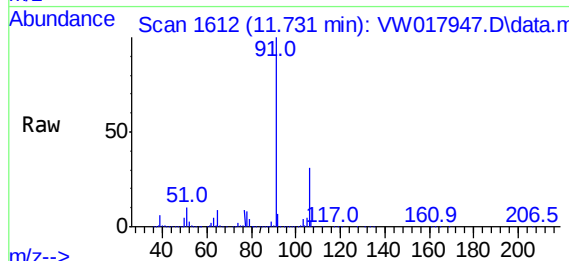




#53
Ethylbenzene
Concen: 22.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

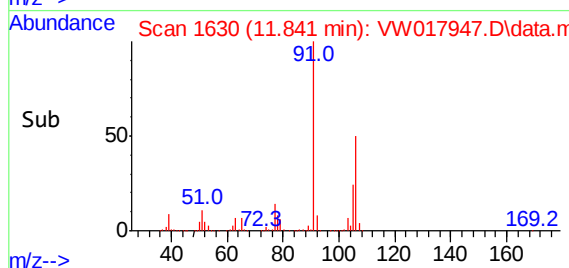
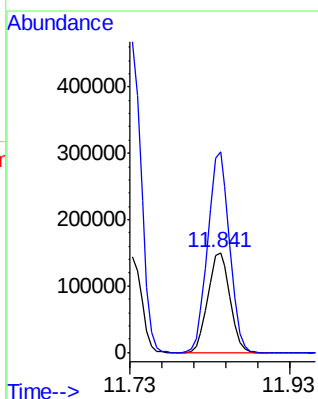
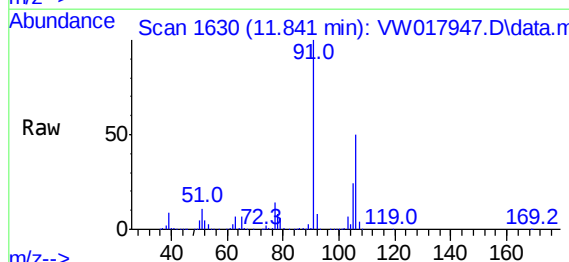
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

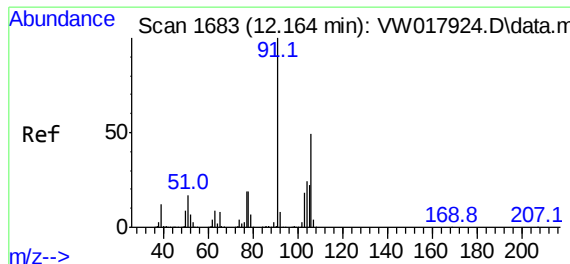
Tgt Ion: 91 Resp: 745156
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.1



#54
m,p-Xylene
Concen: 22.78 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 106 Resp: 287129
Ion Ratio Lower Upper
106 100
91 201.1 136.4 253.4

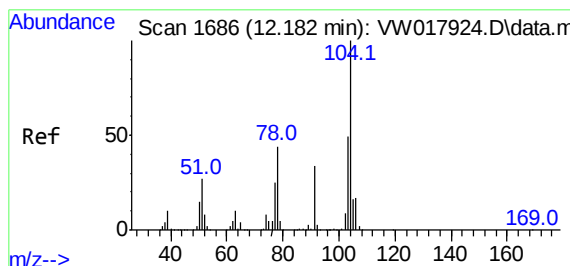
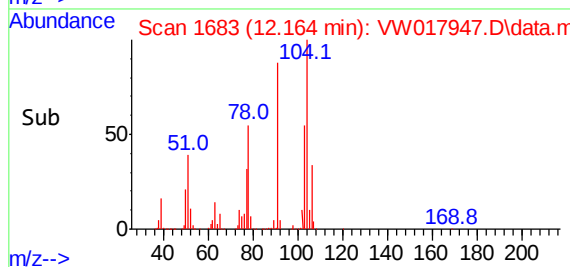
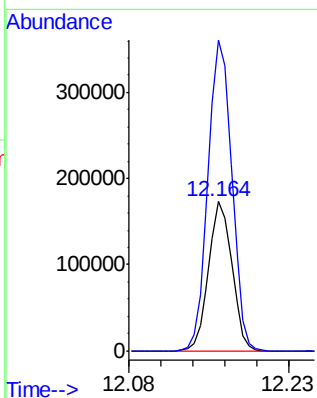
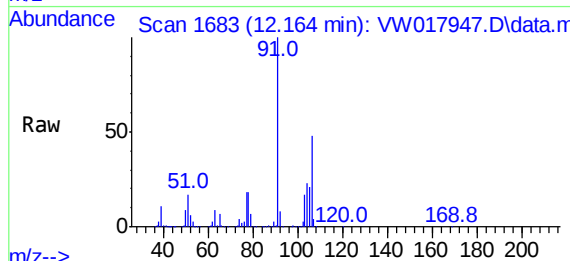




#55
o-xylene
Concen: 23.53 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

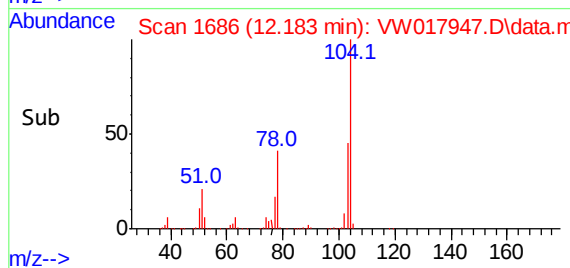
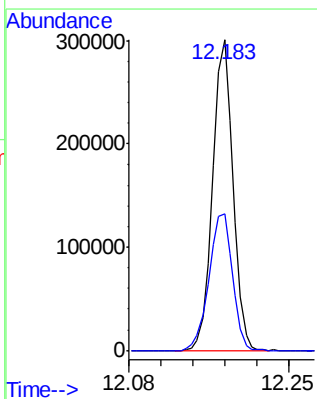
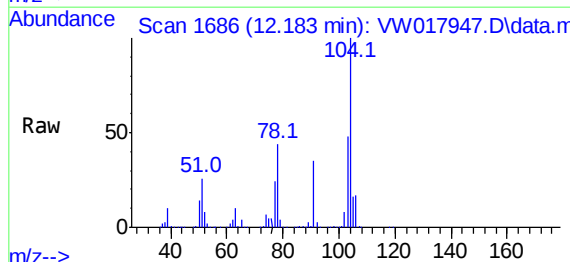
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

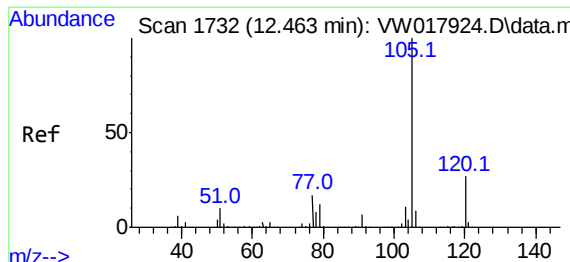
Tgt Ion:106 Resp: 274681
Ion Ratio Lower Upper
106 100
91 208.7 147.6 274.2



#56
Styrene
Concen: 23.94 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:104 Resp: 473705
Ion Ratio Lower Upper
104 100
78 43.9 31.3 58.1

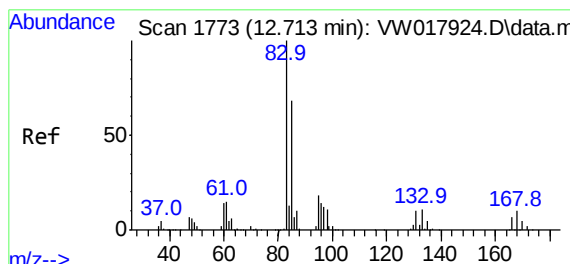
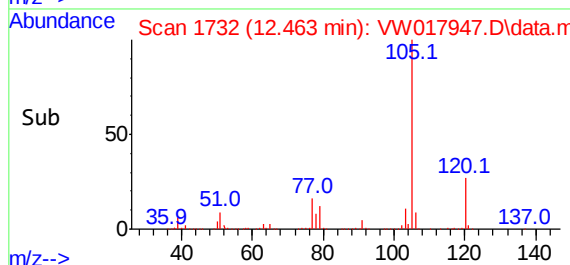
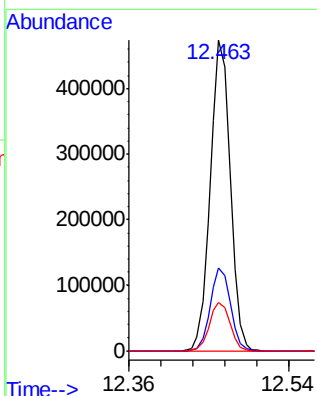
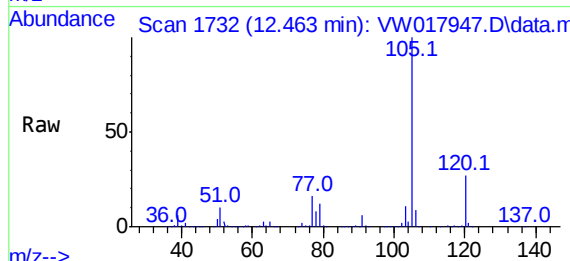




#57
Isopropylbenzene
Concen: 22.59 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

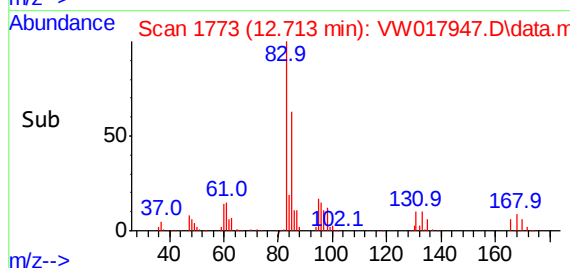
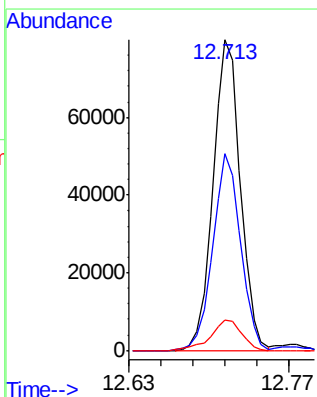
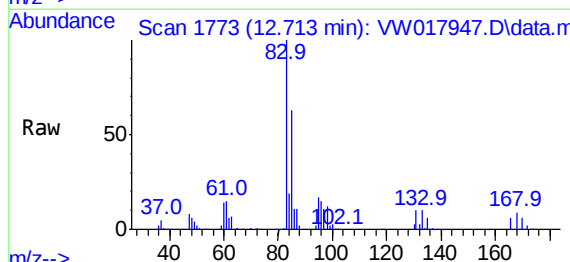
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

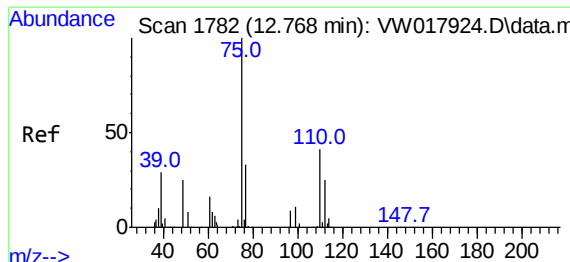
Tgt Ion:105 Resp: 733325
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 16.1 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.67 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 83 Resp: 129644
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1
131 9.6 8.3 12.5

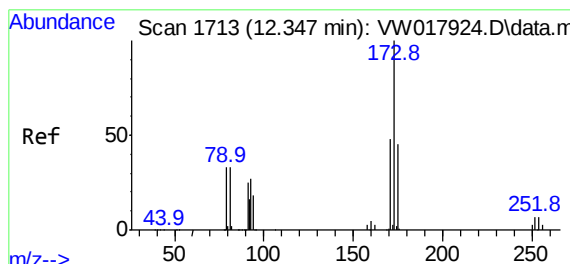
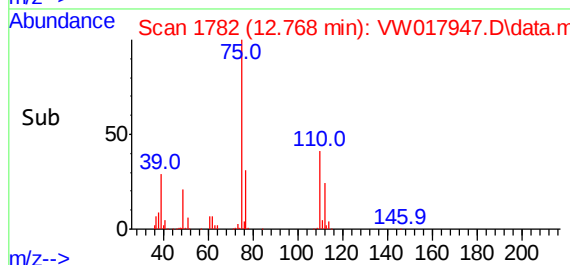
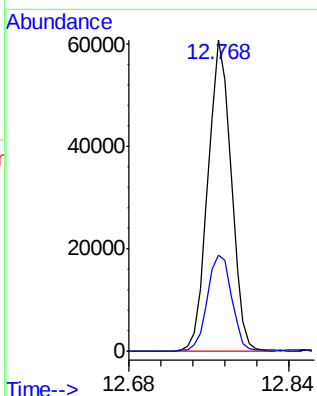
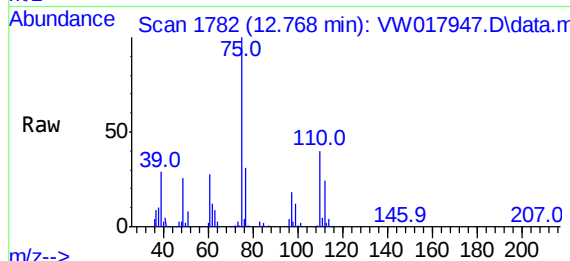




#59
1,2,3-Trichloropropane
Concen: 20.16 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

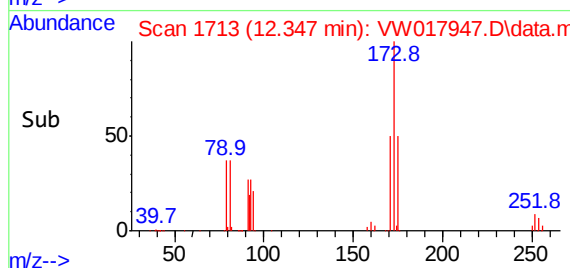
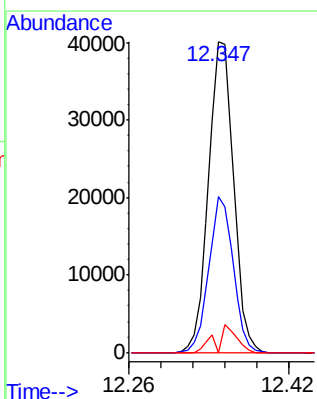
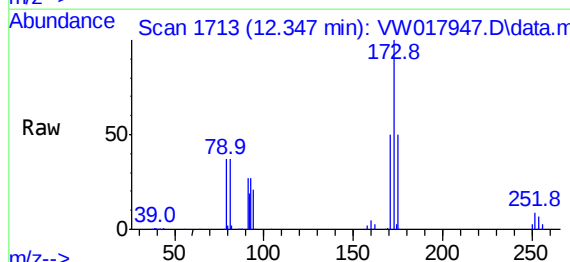
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

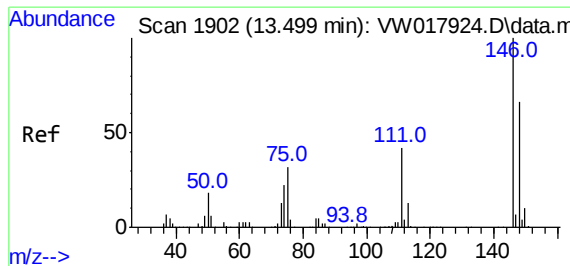
Tgt Ion: 75 Resp: 95601
Ion Ratio Lower Upper
75 100
77 32.1 26.6 39.8



#62
Bromoform
Concen: 21.90 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 173 Resp: 68355
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 5.0 7.1 10.7#

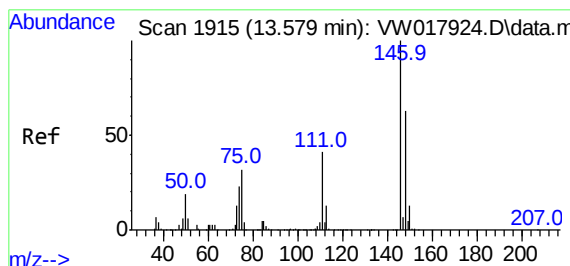
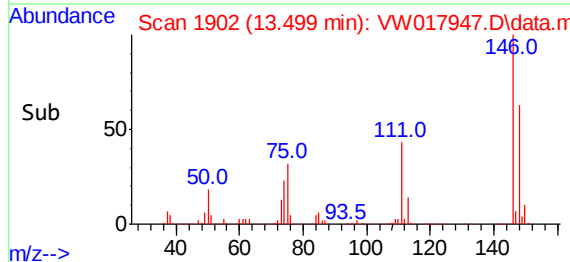
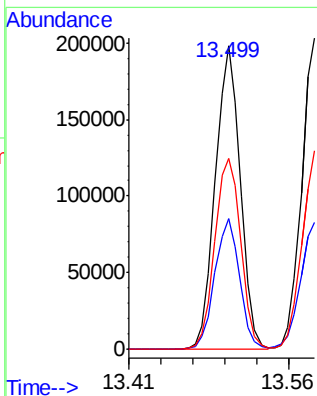
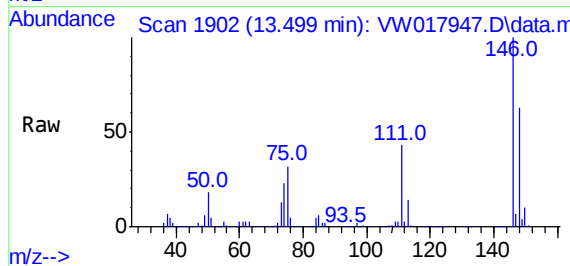




#63
1,3-Dichlorobenzene
Concen: 22.97 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

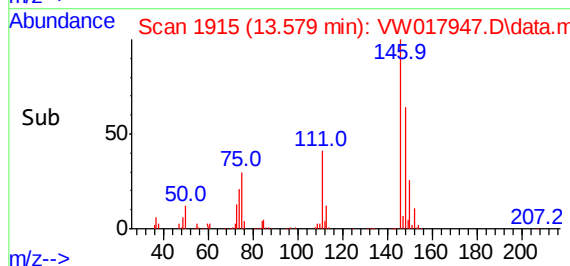
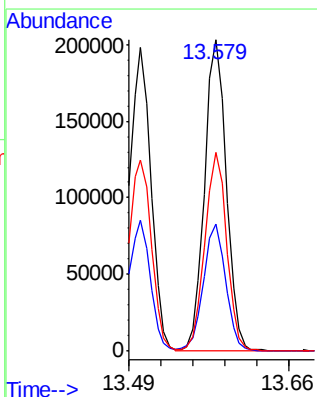
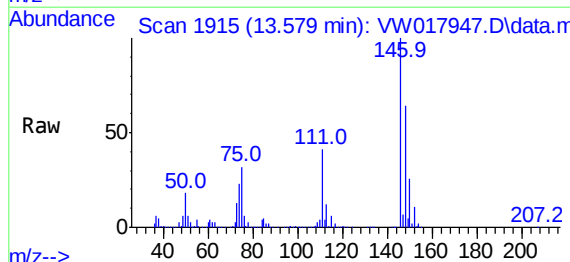
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

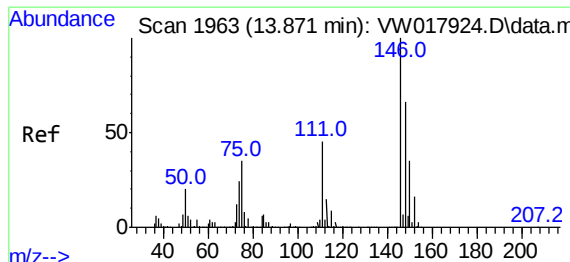
Tgt Ion:146 Resp: 314656
Ion Ratio Lower Upper
146 100
111 42.9 28.5 52.9
148 63.0 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 23.05 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:146 Resp: 317370
Ion Ratio Lower Upper
146 100
111 40.7 27.7 51.5
148 63.9 47.0 87.2

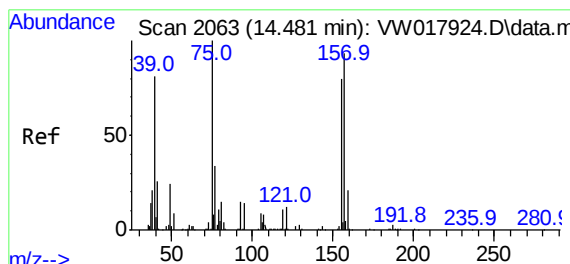
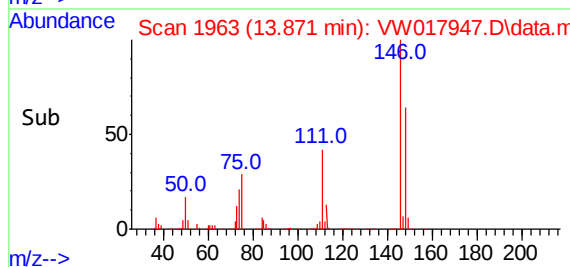
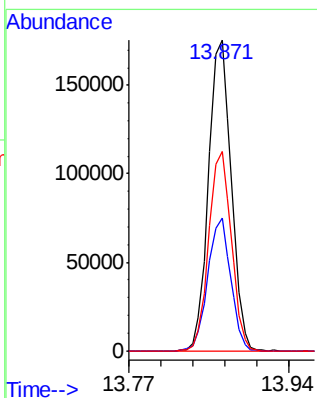
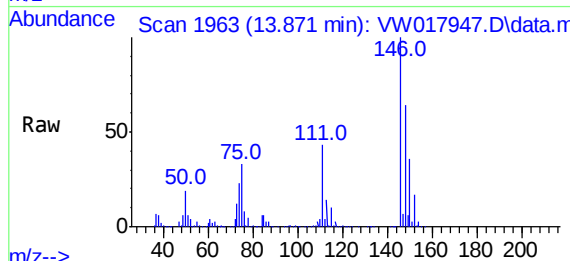




#65
1,2-Dichlorobenzene
Concen: 23.23 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

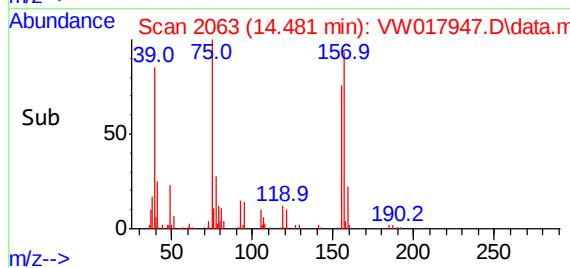
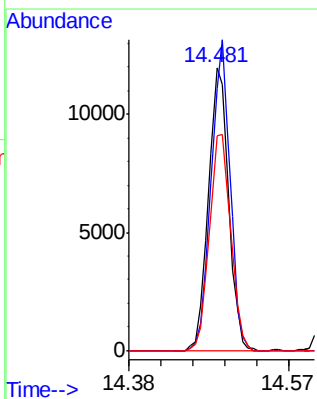
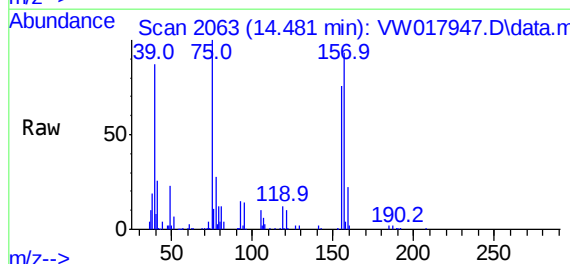
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

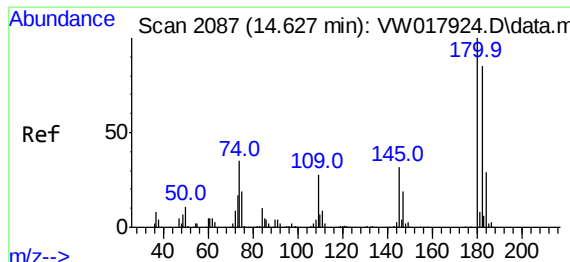
Tgt Ion:146 Resp: 286553
Ion Ratio Lower Upper
146 100
111 42.6 31.7 47.5
148 64.2 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 18.36 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion: 75 Resp: 18983
Ion Ratio Lower Upper
75 100
157 92.8 99.9 149.9#
155 76.2 71.4 107.0

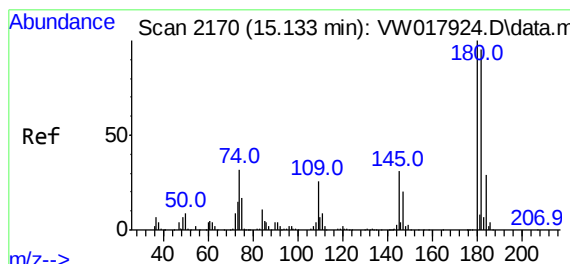
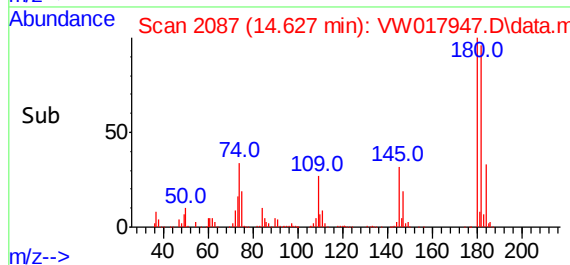
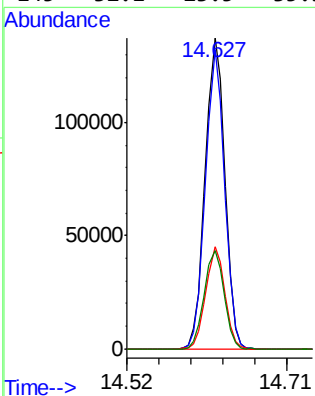
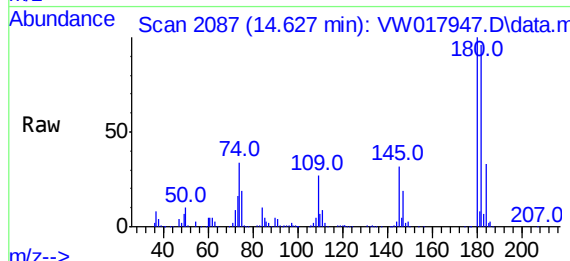




#67
1,3,5-Trichlorobenzene
Concen: 22.24 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

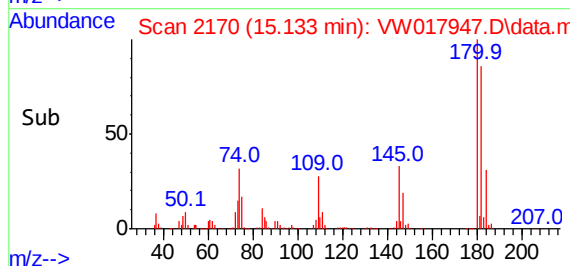
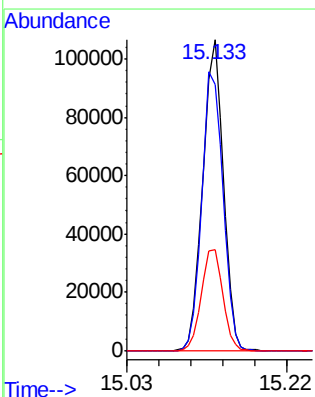
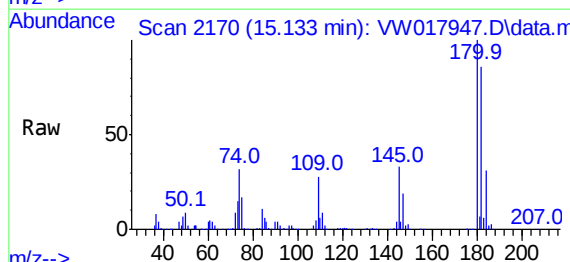
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

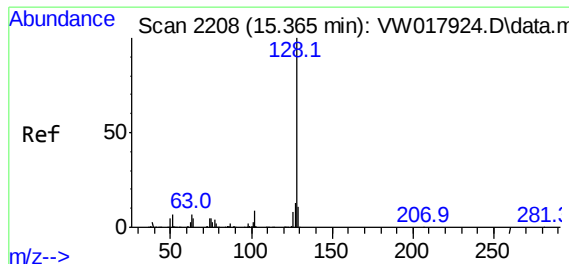
Tgt Ion:180 Resp: 212886
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.6
184 31.6 24.2 36.4
145 32.1 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 21.13 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:180 Resp: 172641
Ion Ratio Lower Upper
180 100
182 92.8 71.3 106.9
145 33.8 24.0 36.0

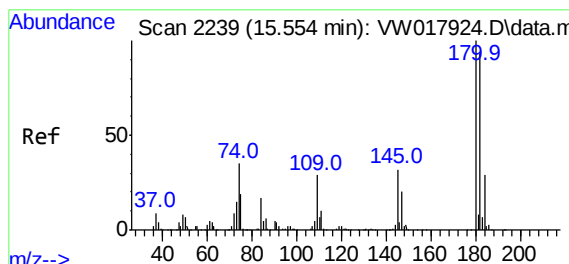
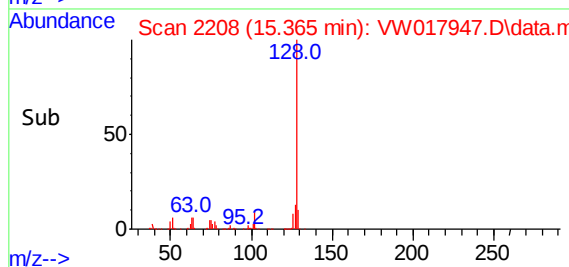
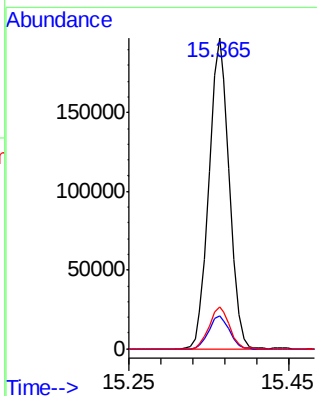
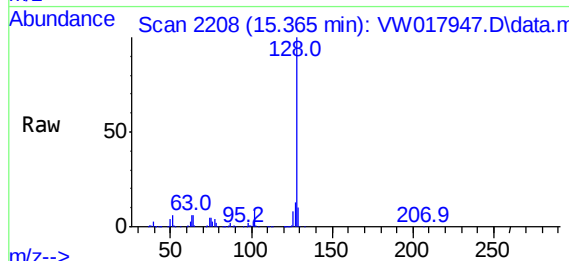




#69
Naphthalene
Concen: 19.78 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion:128 Resp: 345925
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 21.39 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW017947.D
Acq: 18 Jan 2021 22:35

Tgt Ion:180 Resp: 152352
Ion Ratio Lower Upper
180 100
182 94.9 74.7 112.1
145 32.9 25.4 38.0

