

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
 Data File : VD068621.D
 Acq On : 15 Mar 2021 15:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/16/2021 10:11:23 AM

Quant Time: Mar 15 18:27:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 14:41:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	253302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	426053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118505	46.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.64%		
35) Dibromofluoromethane	7.914	113	124253	48.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.82%		
50) Toluene-d8	10.338	98	476595	46.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.24%		
62) 4-Bromofluorobenzene	12.632	95	166246	50.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	105899	43.08	ug/l	97
3) Chloromethane	2.209	50	130891	42.13	ug/l	94
4) Vinyl Chloride	2.350	62	160089	43.40	ug/l	98
5) Bromomethane	2.773	94	112456	42.81	ug/l	96
6) Chloroethane	2.926	64	104729	43.91	ug/l	97
7) Trichlorofluoromethane	3.279	101	200070	47.55	ug/l	98
8) Diethyl Ether	3.714	74	57749	46.10	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	124972	48.75	ug/l	95
10) Methyl Iodide	4.303	142	134718	49.48	ug/l	96
11) Tert butyl alcohol	5.220	59	33833	250.38	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	119246	46.88	ug/l	99
13) Acrolein	3.926	56	39711	205.62	ug/l	97
14) Allyl chloride	4.720	41	152578	46.45	ug/l	97
15) Acrylonitrile	5.426	53	134608	254.57	ug/l	98
16) Acetone	4.156	43	91769	228.28	ug/l	92
17) Carbon Disulfide	4.409	76	365900	43.90	ug/l	98
18) Methyl Acetate	4.720	43	55236	53.31	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	279787	50.73	ug/l #	91
20) Methylene Chloride	4.967	84	159793	46.84	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	147812	48.67	ug/l	93
22) Diisopropyl ether	6.361	45	346624	47.92	ug/l	94
23) Vinyl Acetate	6.303	43	918426	244.74	ug/l	99
24) 1,1-Dichloroethane	6.267	63	236507	47.70	ug/l	98
25) 2-Butanone	7.208	43	141272	244.47	ug/l	100
26) 2,2-Dichloropropane	7.208	77	203791	49.34	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	158220	47.45	ug/l	97
28) Bromochloromethane	7.544	49	95295	49.24	ug/l	83
29) Tetrahydrofuran	7.561	42	90079	240.06	ug/l	99
30) Chloroform	7.708	83	248338	47.43	ug/l	96
31) Cyclohexane	7.985	56	195778	42.54	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	216772	48.51	ug/l	96
36) 1,1-Dichloropropene	8.114	75	191472	47.28	ug/l	97
37) Ethyl Acetate	7.291	43	63934	47.58	ug/l	95
38) Carbon Tetrachloride	8.097	117	189374	49.77	ug/l	98
39) Methylcyclohexane	9.355	83	229237	45.90	ug/l	96
40) Benzene	8.350	78	558250	48.05	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33975	43.56	ug/l #	88
42) 1,2-Dichloroethane	8.426	62	152239	49.84	ug/l	99
43) Isopropyl Acetate	8.450	43	126631	51.28	ug/l	99
44) Trichloroethene	9.114	130	151625	47.55	ug/l	97
45) 1,2-Dichloropropane	9.391	63	136521	49.16	ug/l	96
46) Dibromomethane	9.473	93	76884	50.89	ug/l	94
47) Bromodichloromethane	9.661	83	196279	50.22	ug/l	97
48) Methyl methacrylate	9.455	41	61914	47.03	ug/l	87
49) 1,4-Dioxane	9.455	88	17866	1036.93	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	331837	256.78	ug/l	98
52) Toluene	10.402	92	364086	49.08	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	187498	51.91	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	218638	49.61	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	105758	50.58	ug/l	96
56) Ethyl methacrylate	10.661	69	121598	50.60	ug/l	97
57) 1,3-Dichloropropane	10.943	76	183449	50.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	318759	264.38	ug/l	92
59) 2-Hexanone	10.985	43	225019	261.23	ug/l	100
60) Dibromochloromethane	11.138	129	130361	50.37	ug/l	98
61) 1,2-Dibromoethane	11.243	107	103897	50.78	ug/l	99
64) Tetrachloroethene	10.873	164	124249	48.16	ug/l	95
65) Chlorobenzene	11.667	112	390786	48.57	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	140506	50.24	ug/l	98
67) Ethyl Benzene	11.743	91	692973	48.25	ug/l	99
68) m/p-Xylenes	11.855	106	535370	98.15	ug/l	99
69) o-Xylene	12.179	106	253556	50.48	ug/l	94
70) Styrene	12.196	104	442097	51.46	ug/l	99
71) Bromoform	12.355	173	75283	52.99	ug/l #	99
73) Isopropylbenzene	12.479	105	686968	43.09	ug/l	100
74) N-amyl acetate	12.285	43	123899	45.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	124000	45.21	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	84775m	44.42	ug/l	
77) Bromobenzene	12.761	156	156055	42.89	ug/l	91
78) n-propylbenzene	12.820	91	833523	43.75	ug/l	98
79) 2-Chlorotoluene	12.908	91	471388	44.58	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	600989	45.99	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	38191	46.70	ug/l	94
82) 4-Chlorotoluene	13.002	91	508005	45.66	ug/l	99
83) tert-Butylbenzene	13.220	119	508811	45.73	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	605508	46.27	ug/l	98
85) sec-Butylbenzene	13.396	105	720248	45.83	ug/l	98
86) p-Isopropyltoluene	13.514	119	683252	47.89	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	332199	47.27	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	346502	49.77	ug/l	99
89) n-Butylbenzene	13.837	91	681674	49.54	ug/l	97
90) Hexachloroethane	14.108	117	134183	47.33	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	305474	50.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21283	44.02	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	211982	45.53	ug/l	100
94) Hexachlorobutadiene	15.267	225	117359	45.42	ug/l	99
95) Naphthalene	15.396	128	389596	46.22	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	180541	44.80	ug/l	99

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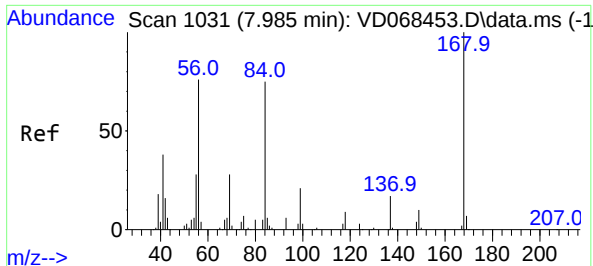
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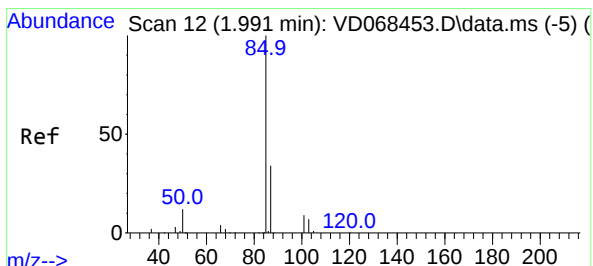
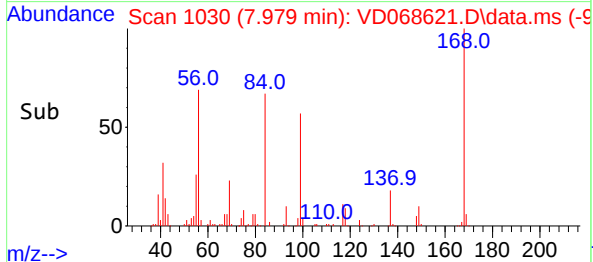
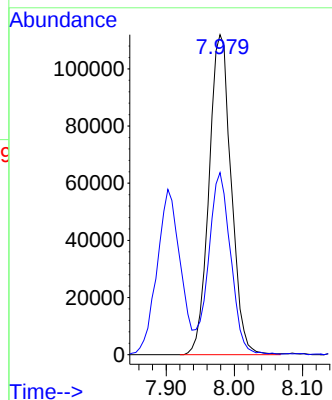
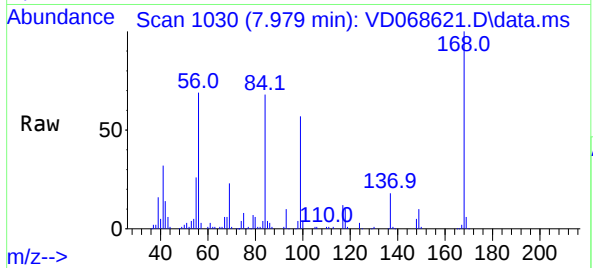
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



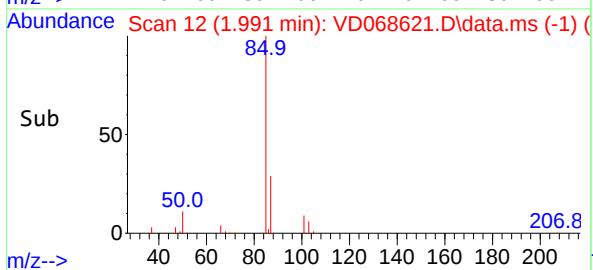
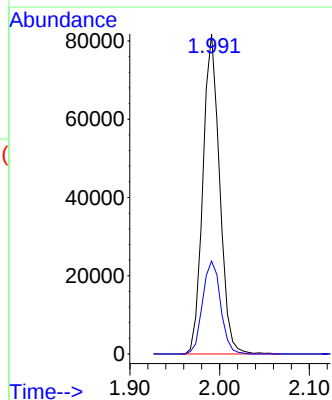
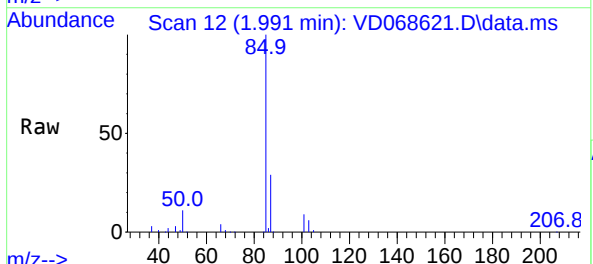
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 168 Resp: 253302
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



Dichlorodifluoromethane
Concen: 43.08 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

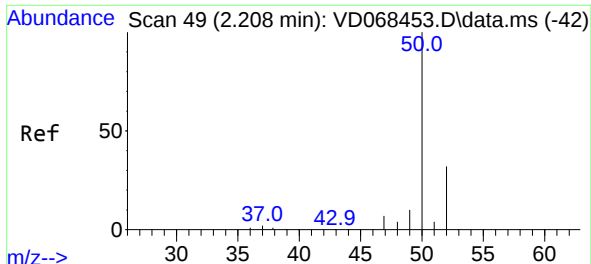
Tgt Ion: 85 Resp: 105899
Ion Ratio Lower Upper
85 100
87 29.1 15.4 46.1



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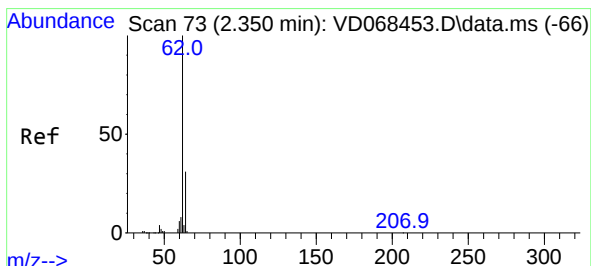
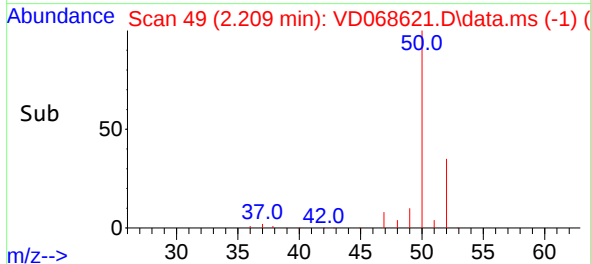
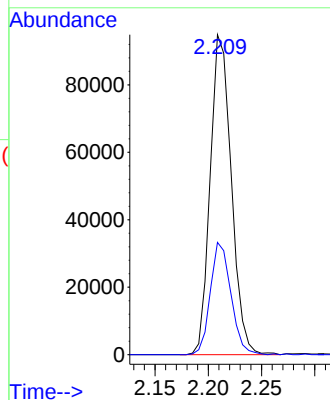
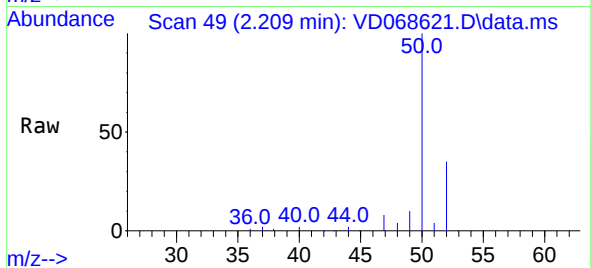
#3
Chloromethane
Concen: 42.13 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 50 Resp: 130891
Ion Ratio Lower Upper
50 100
52 35.1 25.4 38.2

Instrument :
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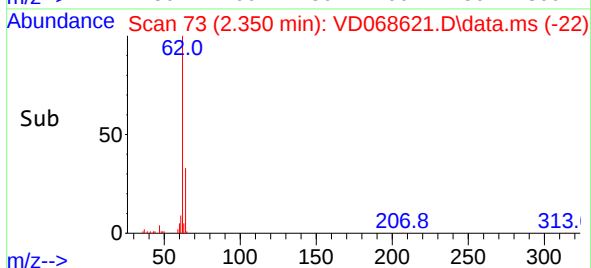
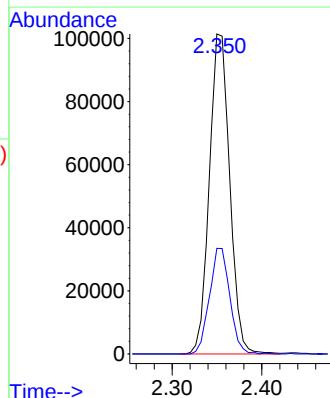
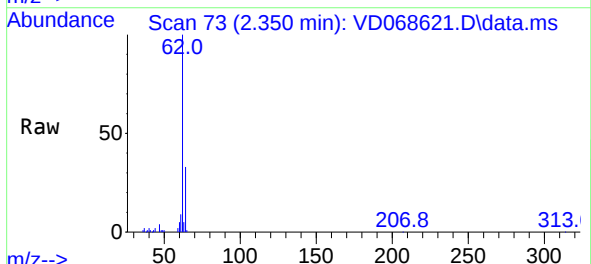
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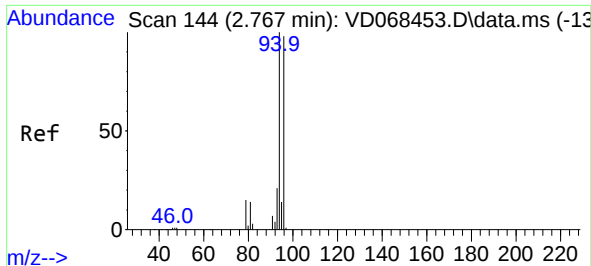
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#4
Vinyl Chloride
Concen: 43.40 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 62 Resp: 160089
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





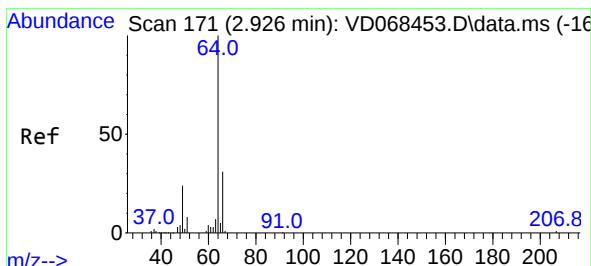
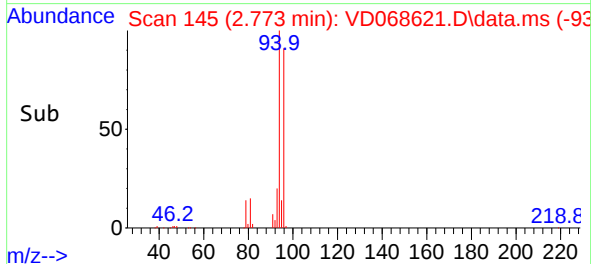
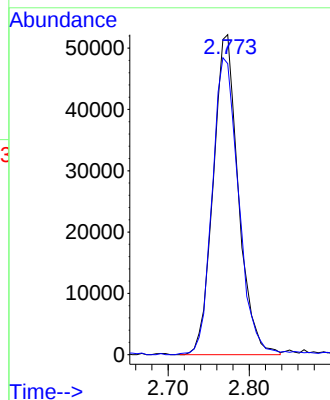
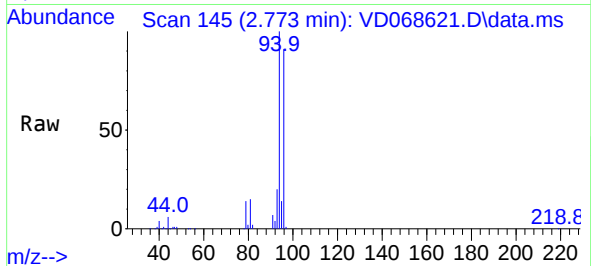
#5
Bromomethane
Concen: 42.81 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 94 Resp: 112456
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.8

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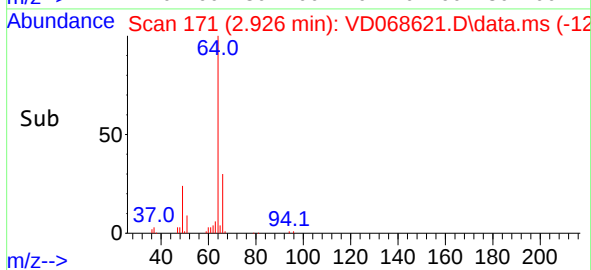
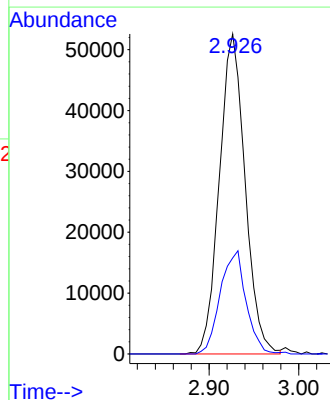
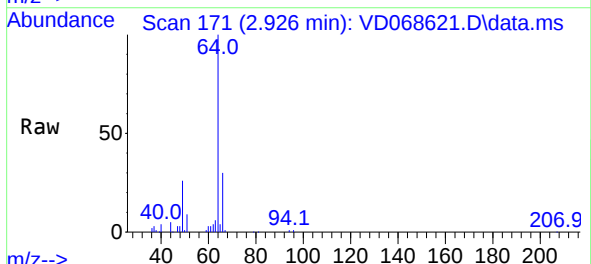
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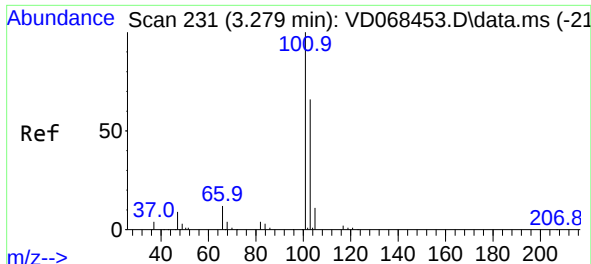
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#6
Chloroethane
Concen: 43.91 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 64 Resp: 104729
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7





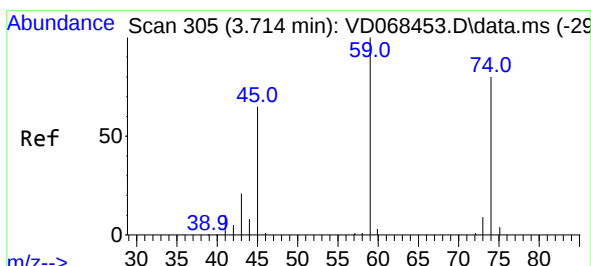
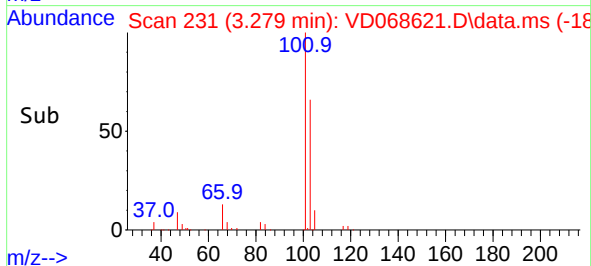
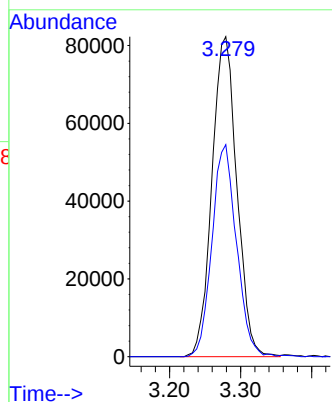
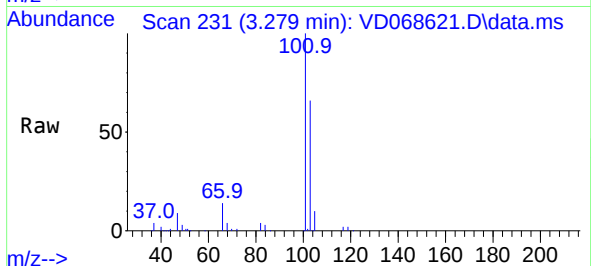
#7
Trichlorofluoromethane
Concen: 47.55 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:101 Resp: 200070
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

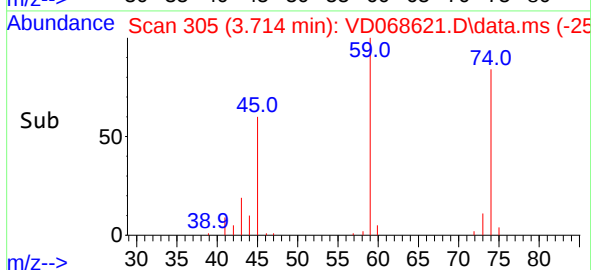
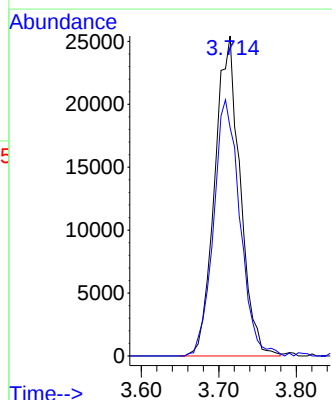
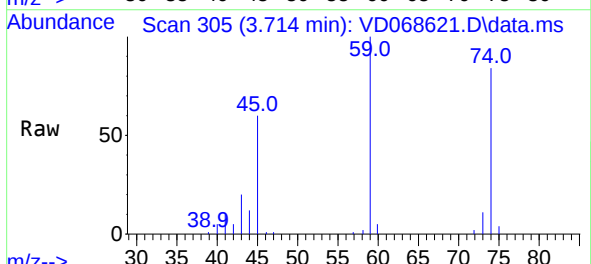
Manual Integrations
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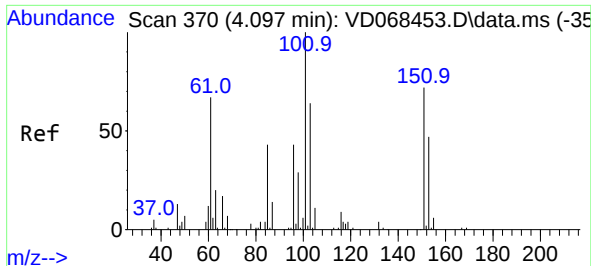
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#8
Diethyl Ether
Concen: 46.10 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068621.D
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Tgt Ion: 74 Resp: 57749
Ion Ratio Lower Upper
74 100
45 83.5 42.1 126.4





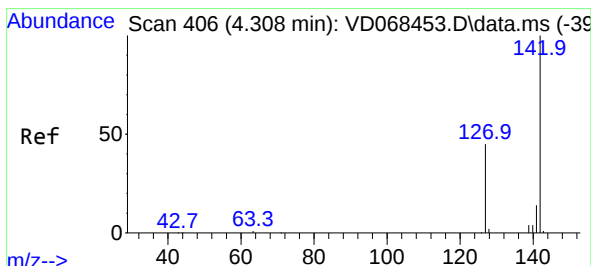
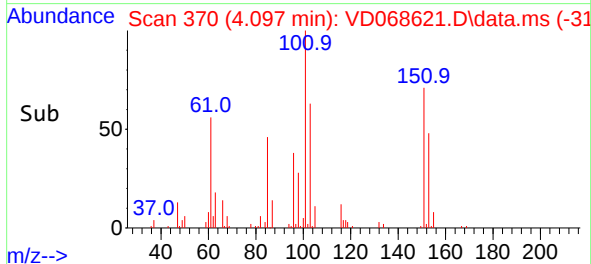
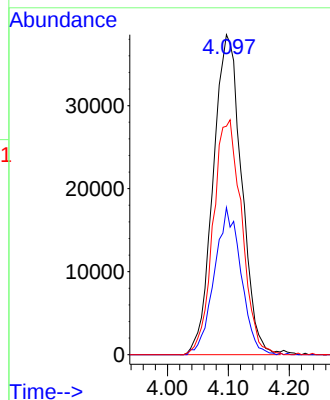
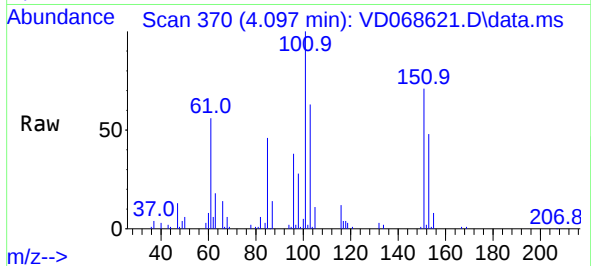
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.75 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068621.D
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Tgt Ion:101 Resp: 124972
Ion Ratio Lower Upper
101 100
85 43.2 34.0 51.0
151 73.8 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

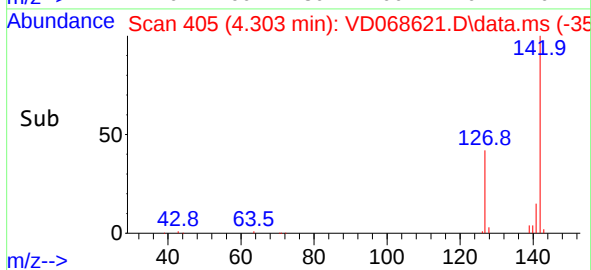
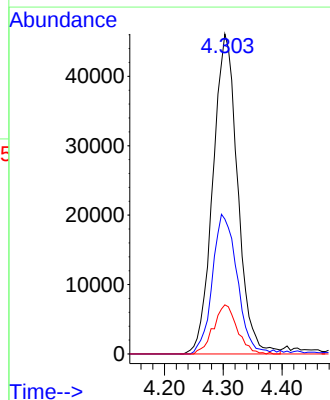
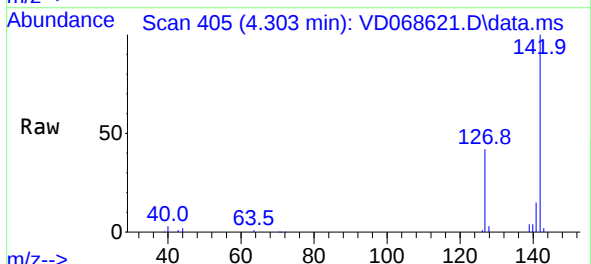
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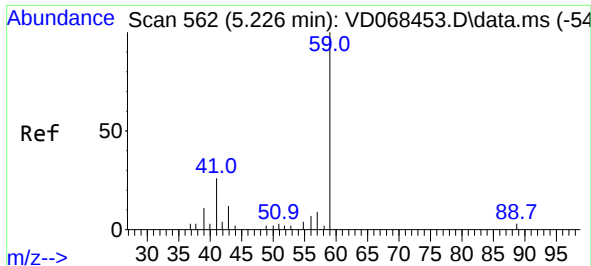
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#10
Methyl Iodide
Concen: 49.48 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

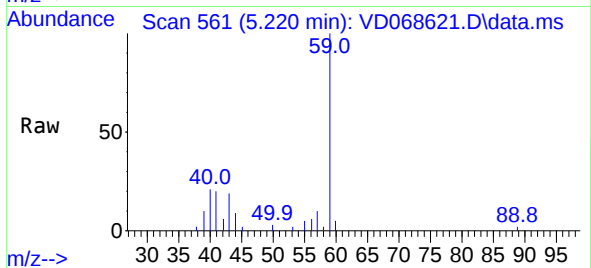
Tgt Ion:142 Resp: 134718
Ion Ratio Lower Upper
142 100
127 43.7 37.9 56.9
141 14.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 250.38 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

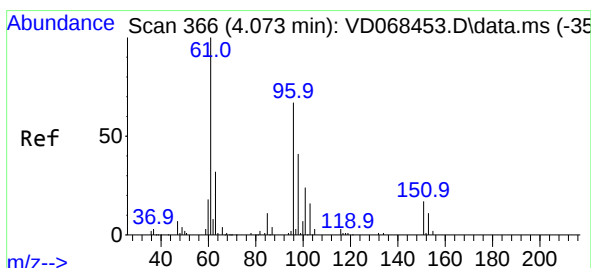
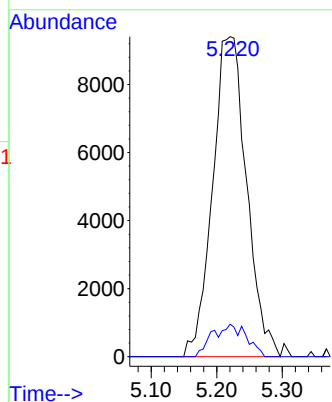
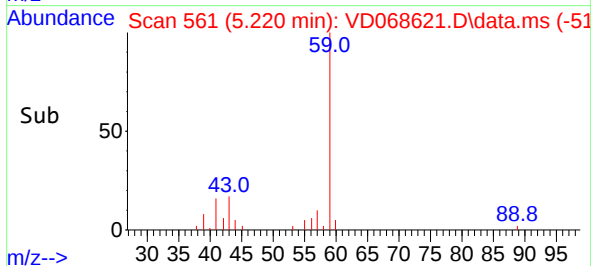
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



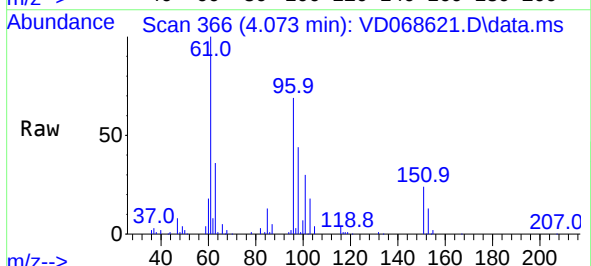
Tgt Ion: 59 Resp: 33833
Ion Ratio Lower Upper
59 100
57 7.1 7.4 11.2#

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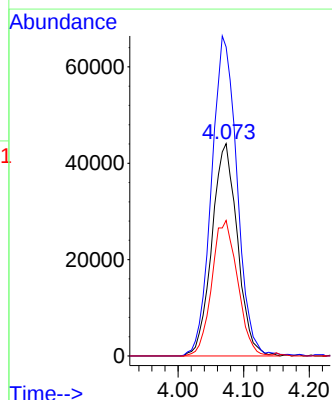
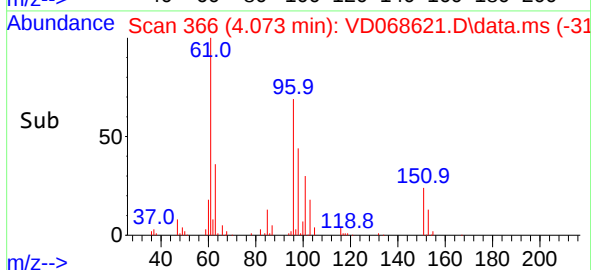
MMDadoda
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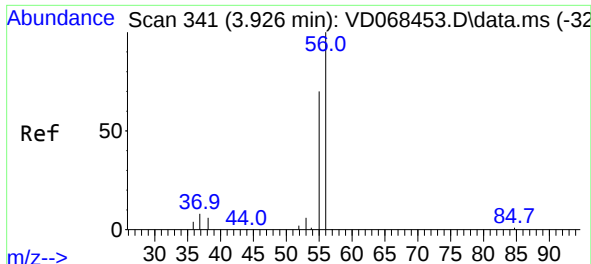


#12
1,1-Dichloroethene
Concen: 46.88 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



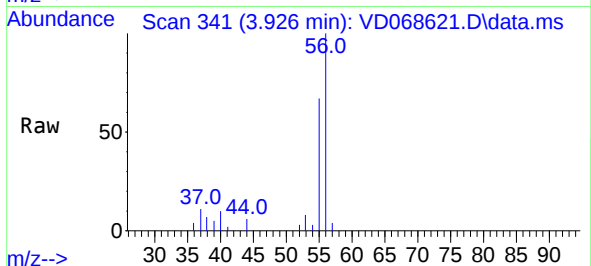
Tgt Ion: 96 Resp: 119246
Ion Ratio Lower Upper
96 100
61 145.5 116.2 174.4
98 63.8 48.6 73.0





#13
Acrolein
Concen: 205.62 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

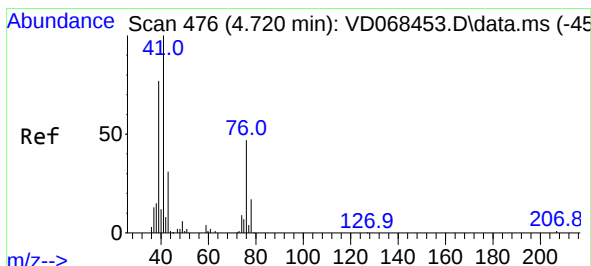
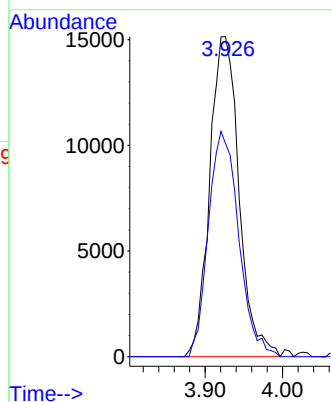
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



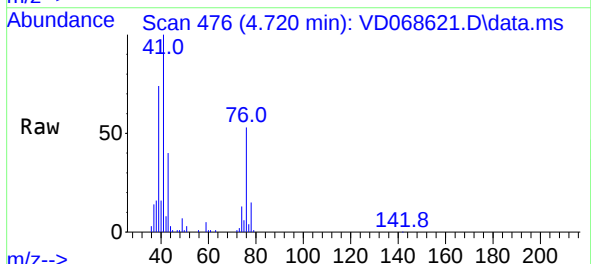
Tgt Ion: 56 Resp: 39711
Ion Ratio Lower Upper
56 100
55 73.0 56.5 84.7

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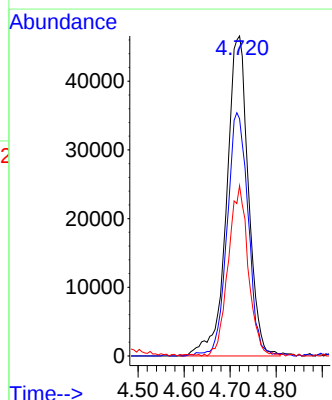
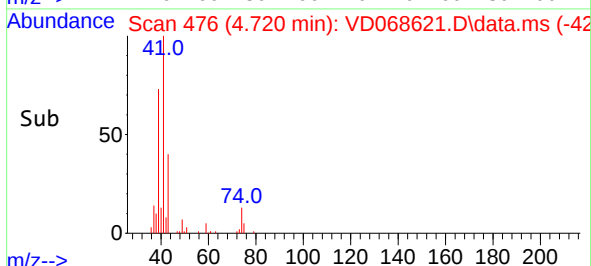
MMDadoda
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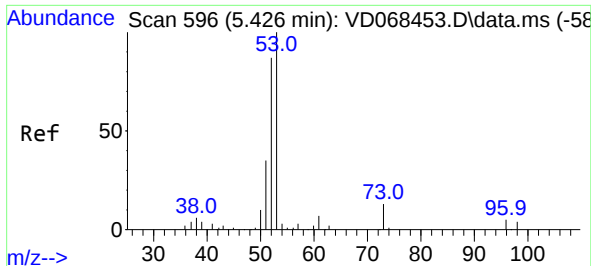


#14
Allyl chloride
Concen: 46.45 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

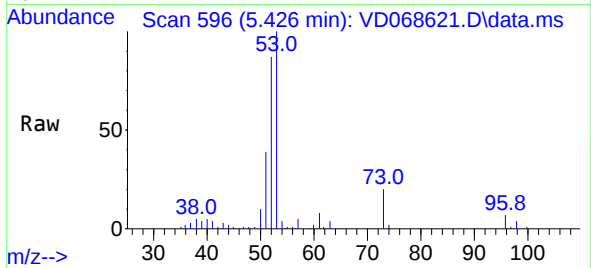


Tgt Ion: 41 Resp: 152578
Ion Ratio Lower Upper
41 100
39 74.1 56.3 84.5
76 49.2 38.9 58.3

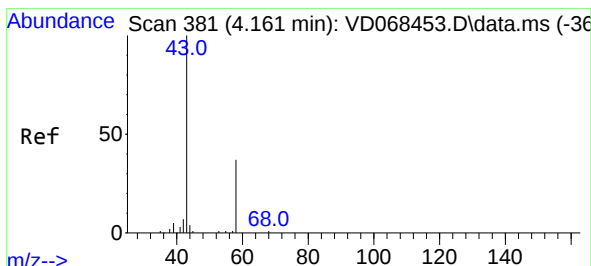
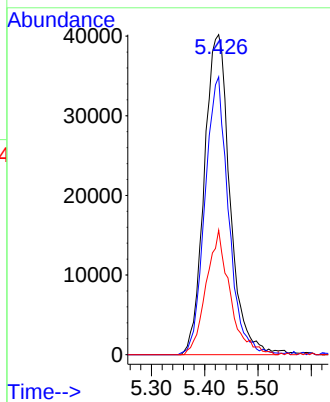
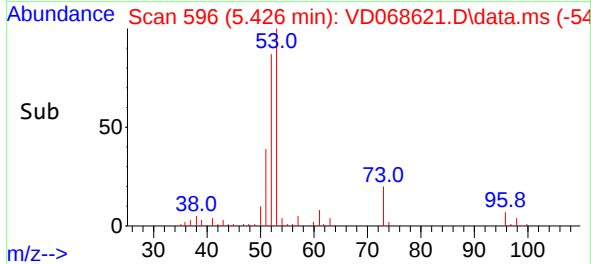




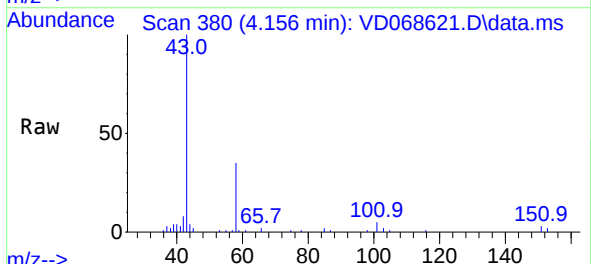
#15
Acrylonitrile
Concen: 254.57 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



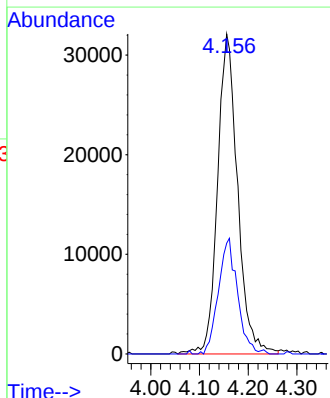
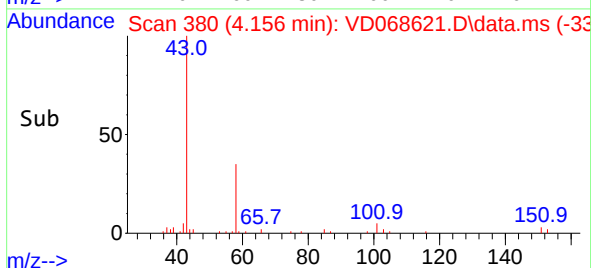
Tgt Ion: 53 Resp: 134608
Ion Ratio Lower Upper
53 100
52 80.0 66.2 99.2
51 36.3 29.0 43.4



#16
Acetone
Concen: 228.28 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



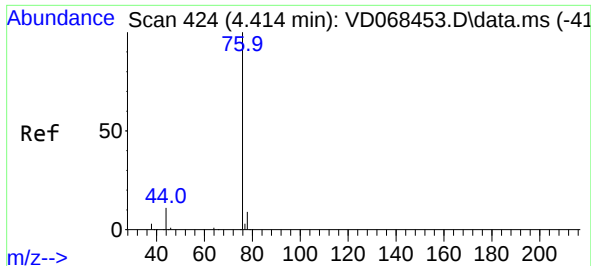
Tgt Ion: 43 Resp: 91769
Ion Ratio Lower Upper
43 100
58 34.6 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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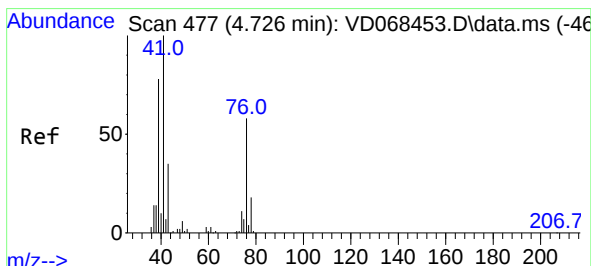
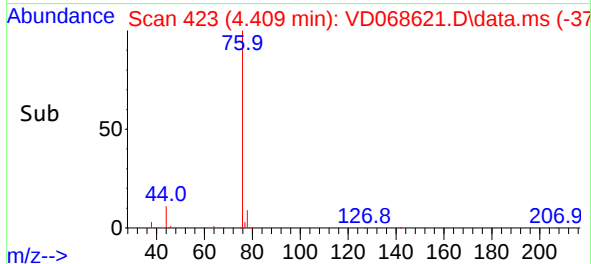
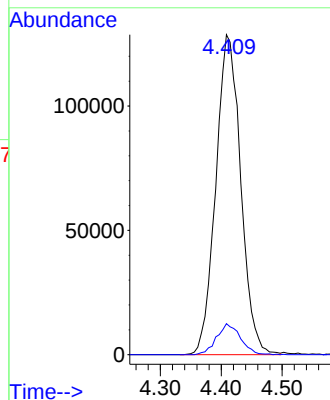
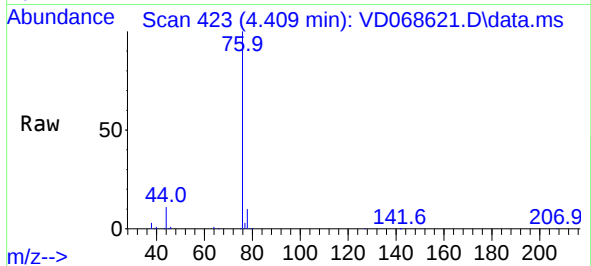
#17
Carbon Disulfide
Concen: 43.90 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 76 Resp: 365900
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

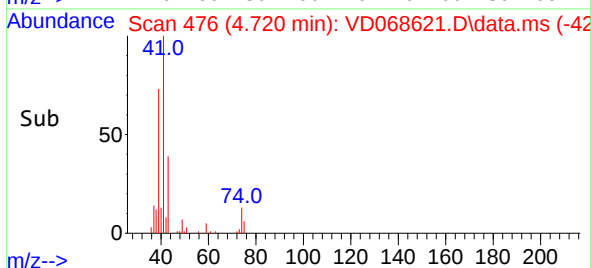
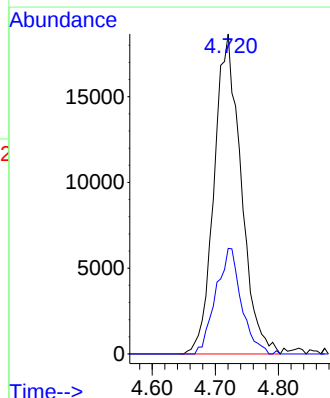
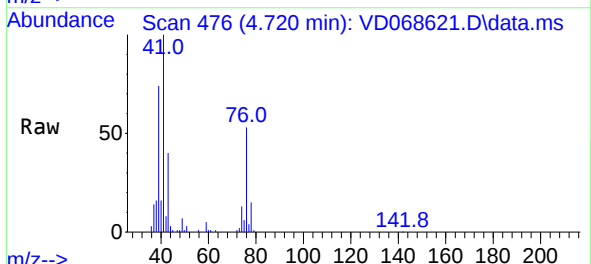
Manual Integrations
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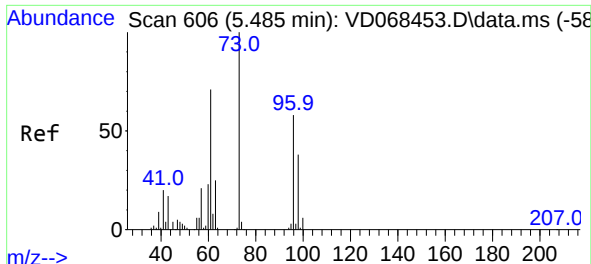
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#18
Methyl Acetate
Concen: 53.31 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 43 Resp: 55236
Ion Ratio Lower Upper
43 100
74 31.2 25.4 38.0





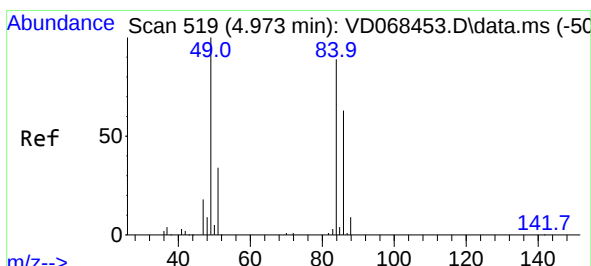
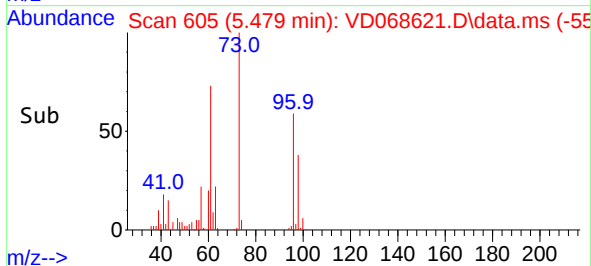
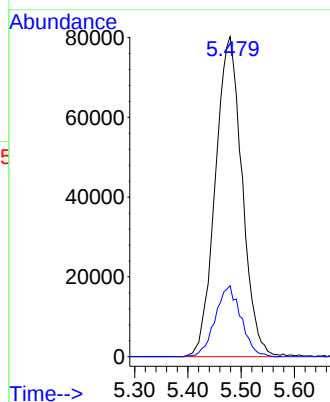
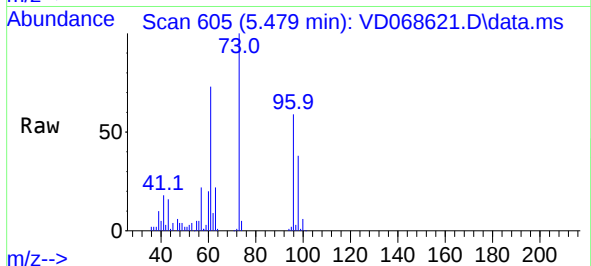
#19
Methyl tert-butyl Ether
Concen: 50.73 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 279787
Ion Ratio Lower Upper
73 100
57 22.2 14.4 21.6#

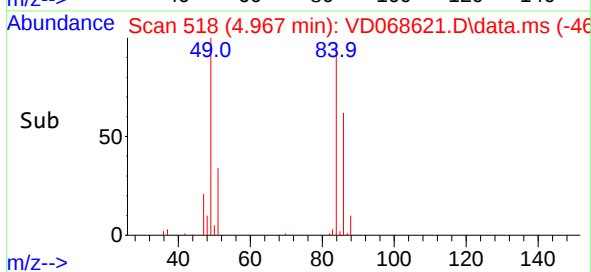
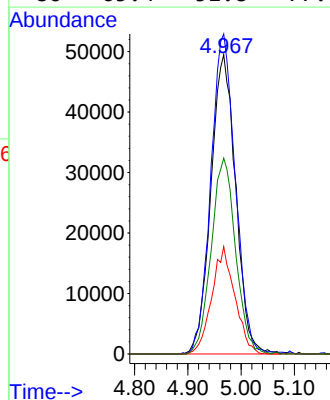
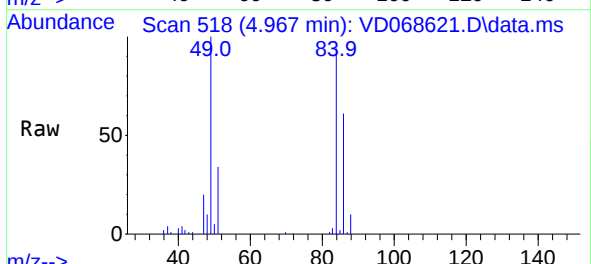
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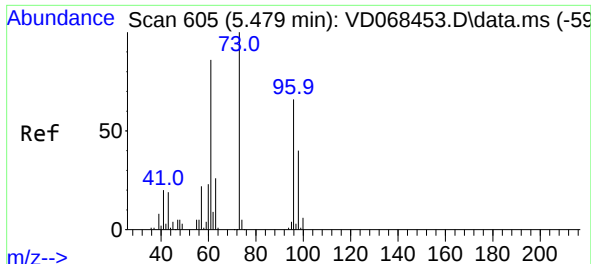
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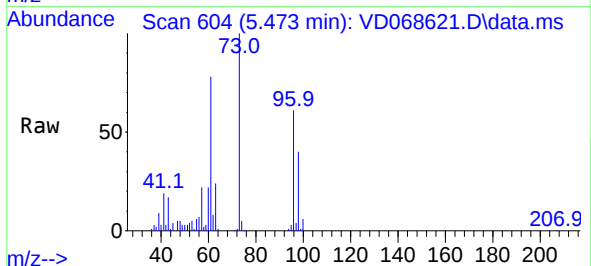
#20
Methylene Chloride
Concen: 46.84 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 84 Resp: 159793
Ion Ratio Lower Upper
84 100
49 106.9 77.4 116.2
51 35.9 26.1 39.1
86 65.4 51.8 77.8



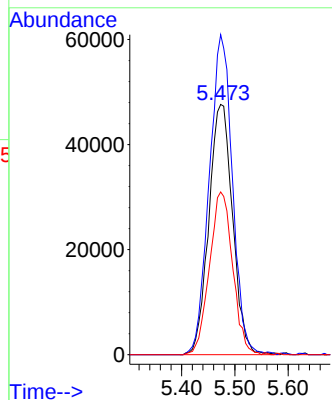


#21
trans-1,2-Dichloroethene
Concen: 48.67 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 96 Resp: 147812

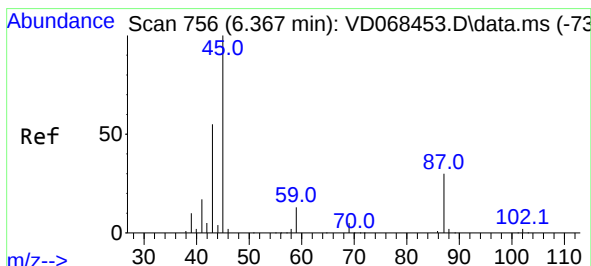
Ion	Ratio	Lower	Upper
96	100		
61	127.9	96.7	145.1
98	65.1	47.6	71.4



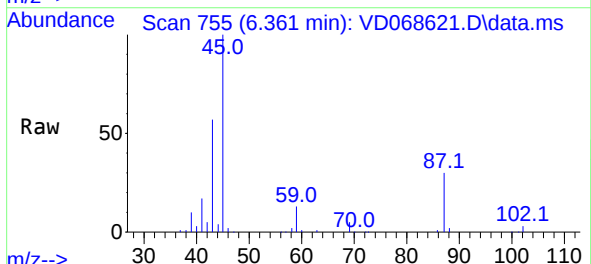
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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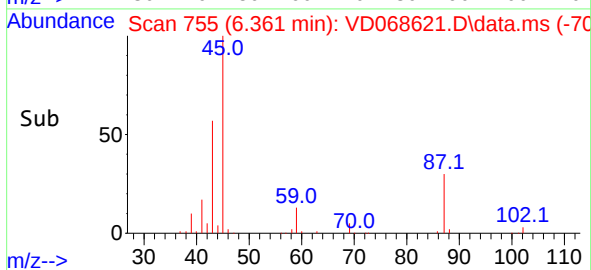
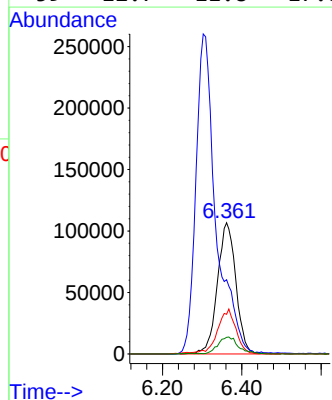


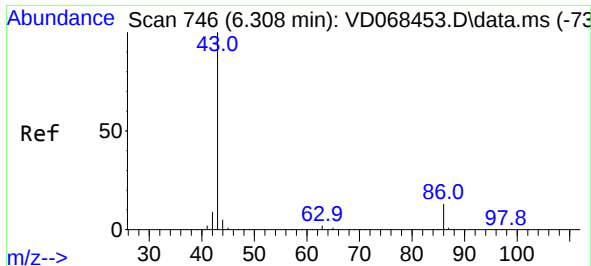
#22
Diisopropyl ether
Concen: 47.92 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 45 Resp: 346624

Ion	Ratio	Lower	Upper
45	100		
43	55.8	43.9	65.9
87	30.1	29.9	44.9
59	12.7	11.8	17.8





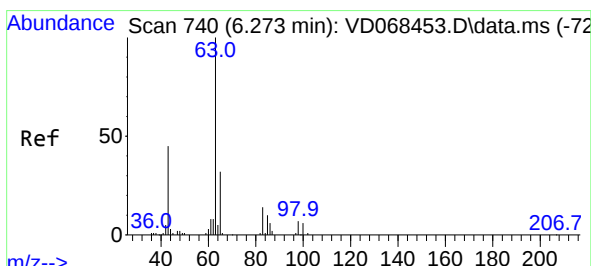
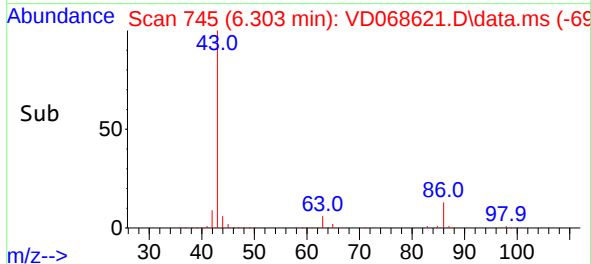
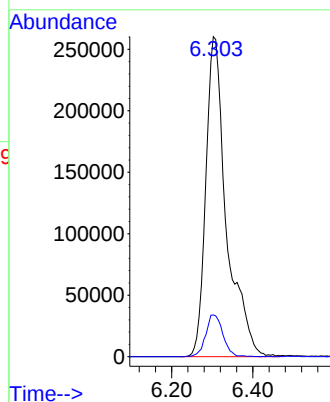
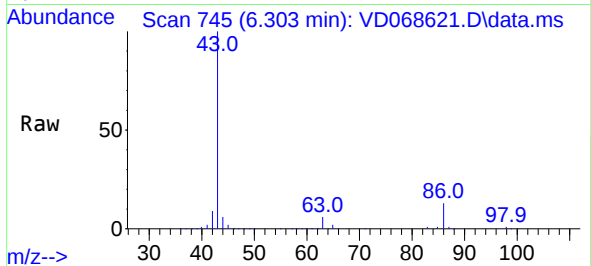
#23
 Vinyl Acetate
 Concen: 244.74 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD068621.D
 Acq: 15 Mar 2021 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 918426
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.8 16.2

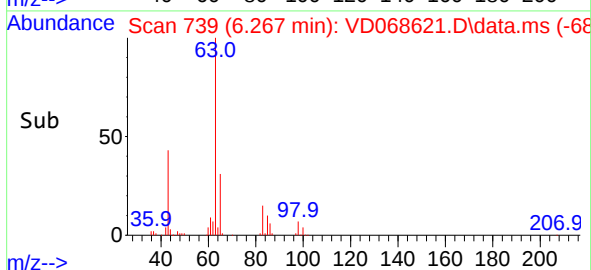
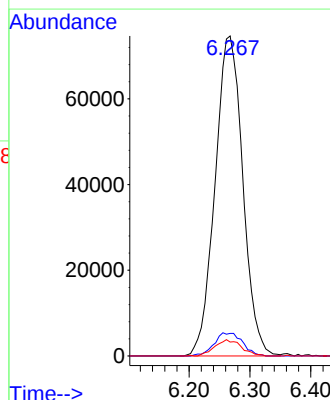
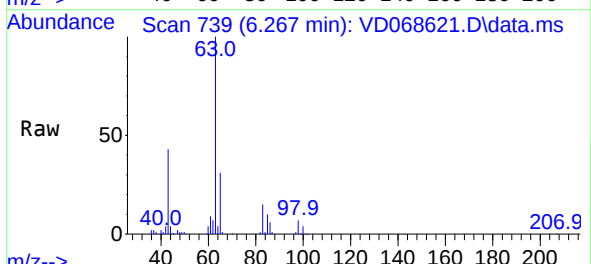
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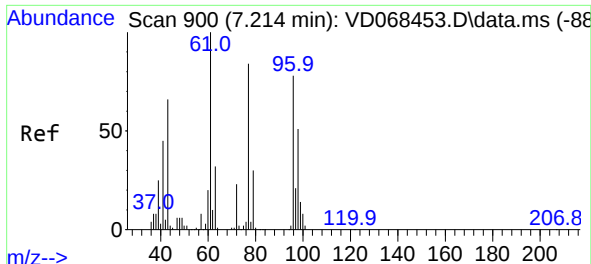
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#24
 1,1-Dichloroethane
 Concen: 47.70 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068621.D
 Acq: 15 Mar 2021 15:45

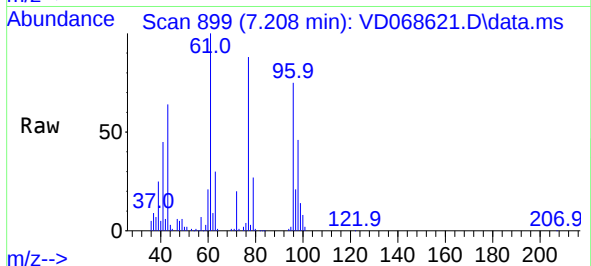
Tgt Ion: 63 Resp: 236507
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.3 2.6 8.0





#25
2-Butanone
Concen: 244.47 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

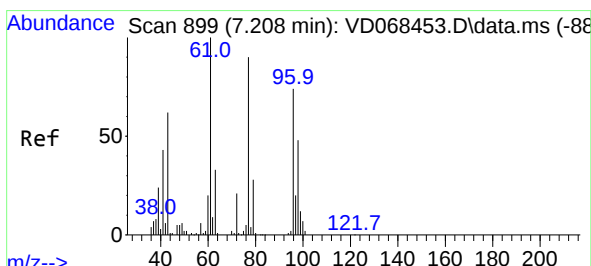
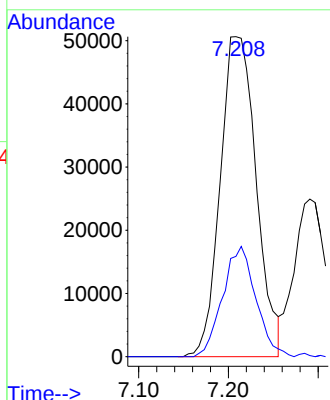
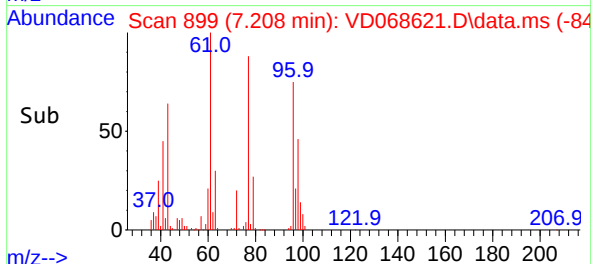
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



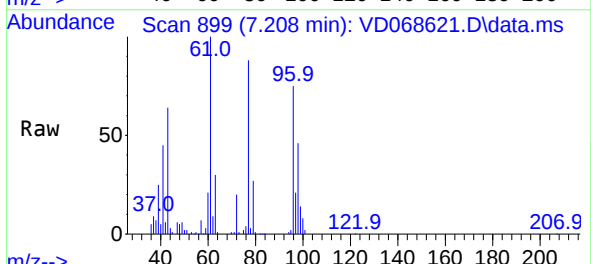
Tgt Ion: 43 Resp: 141272
Ion Ratio Lower Upper
43 100
72 31.3 25.1 37.7

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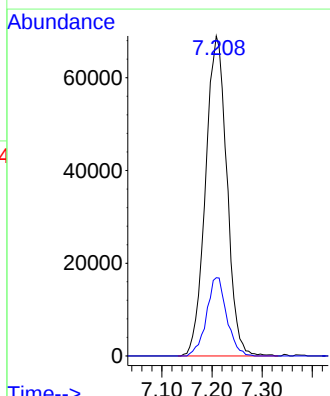
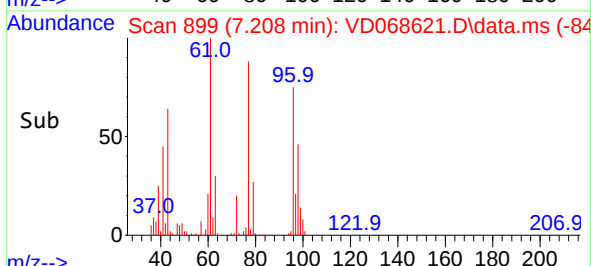
MMDadoda
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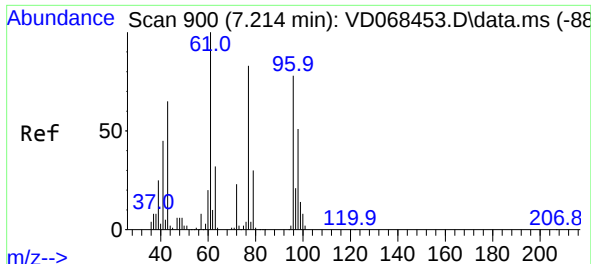


#26
2,2-Dichloropropane
Concen: 49.34 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



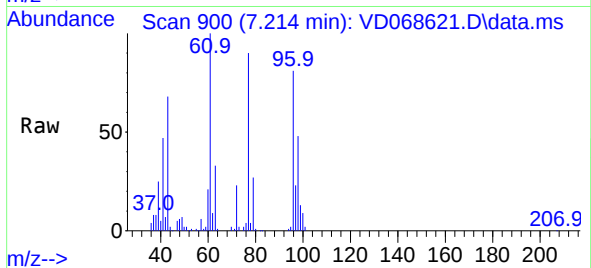
Tgt Ion: 77 Resp: 203791
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 47.45 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

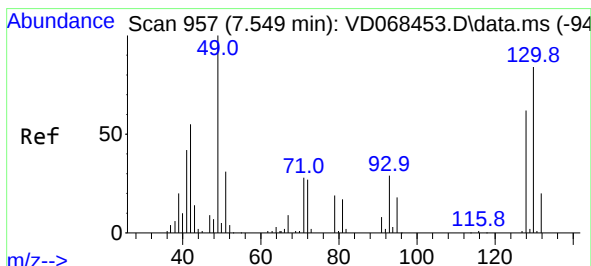
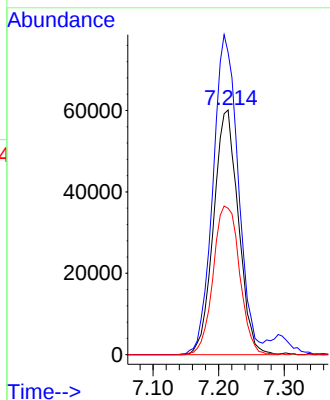
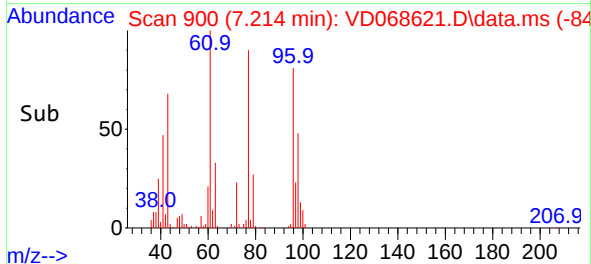
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



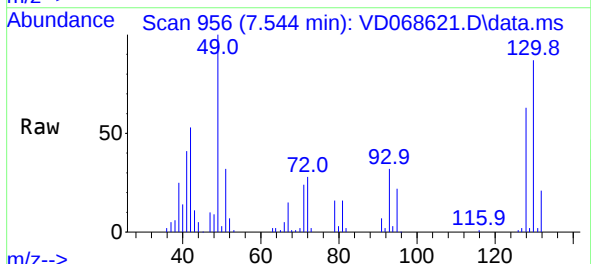
Tgt Ion: 96 Resp: 158220
Ion Ratio Lower Upper
96 100
61 133.0 0.0 257.4
98 64.6 0.0 126.6

Manual Integrations
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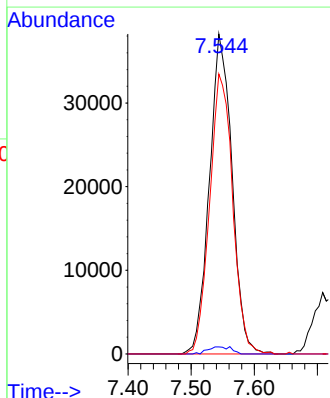
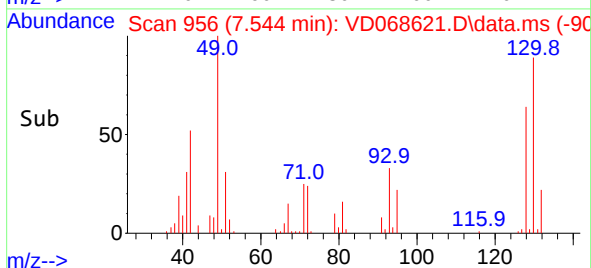
MMDadoda
3/16/2021 10:11:23 AM

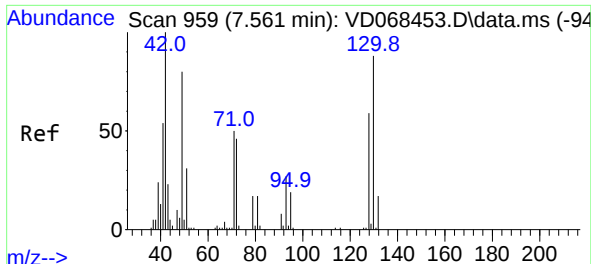


#28
Bromochloromethane
Concen: 49.24 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 49 Resp: 95295
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 89.0 85.5 128.3





#29
Tetrahydrofuran
Concen: 240.06 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

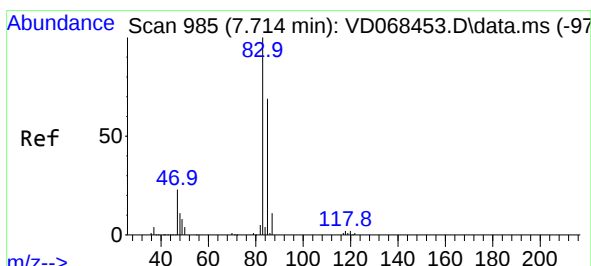
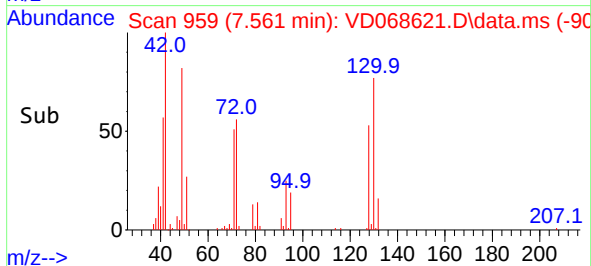
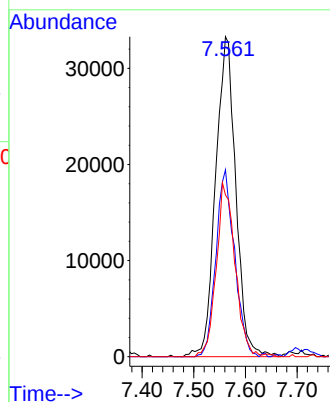
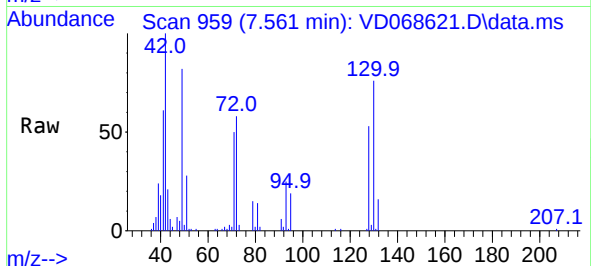
Tgt Ion: 42 Resp: 90079

Ion	Ratio	Lower	Upper
42	100		
72	54.0	43.4	65.0
71	50.5	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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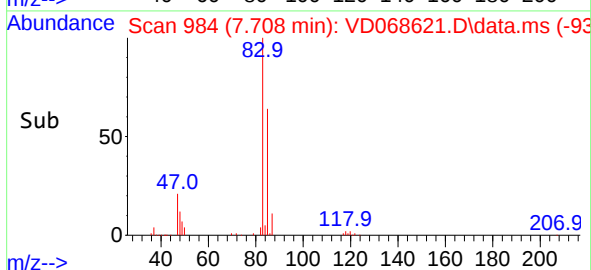
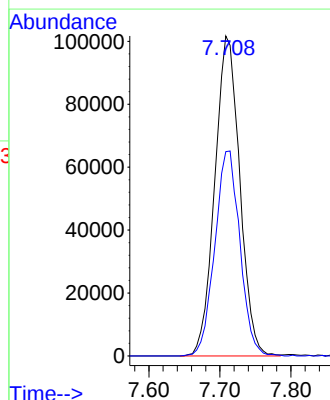
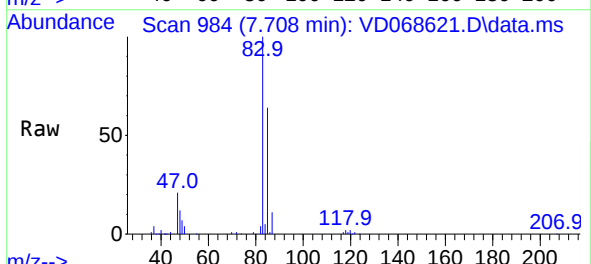
MMDadoda
3/16/2021 10:11:23 AM

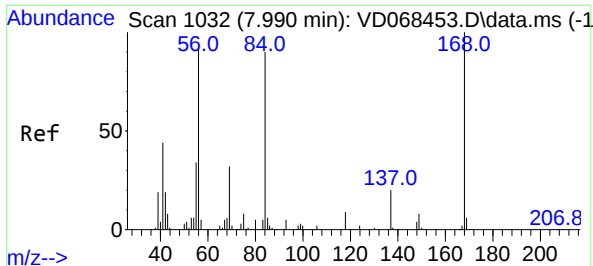


#30
Chloroform
Concen: 47.43 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 83 Resp: 248338

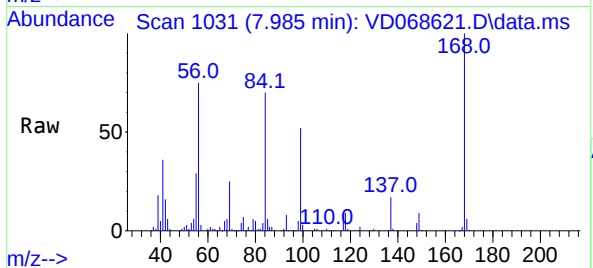
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.4	80.0





#31
Cyclohexane
Concen: 42.54 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

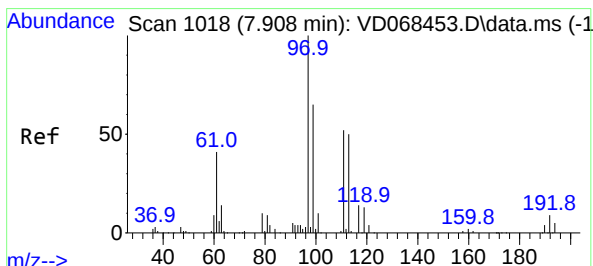
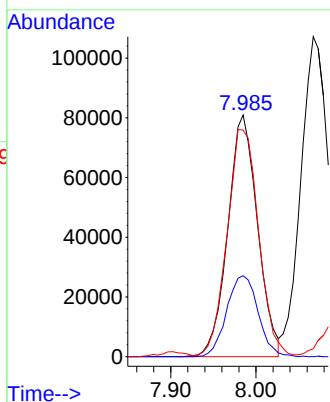
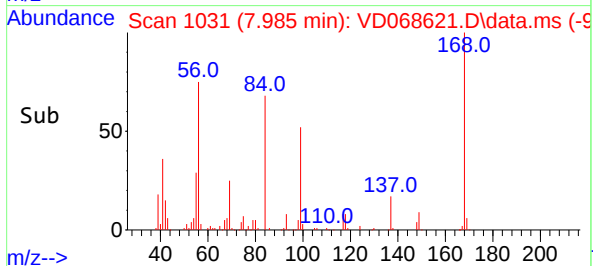
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



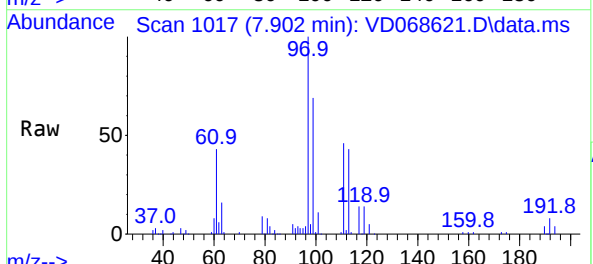
Tgt Ion: 56 Resp: 195778
Ion Ratio Lower Upper
56 100
69 33.5 30.1 45.1
84 92.2 82.1 123.1

Manual Integrations
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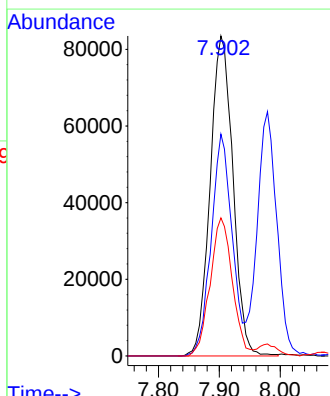
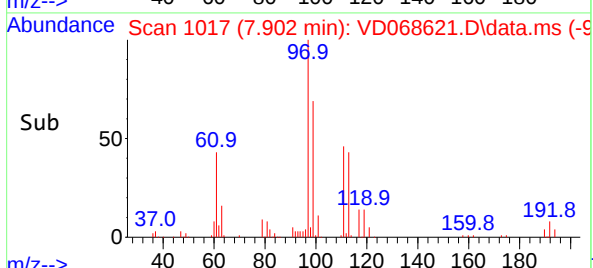
MMDadoda
3/16/2021 10:11:23 AM

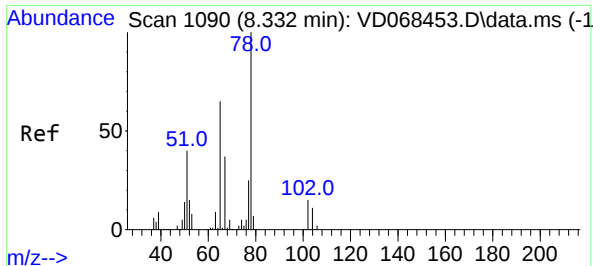


#32
1,1,1-Trichloroethane
Concen: 48.51 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



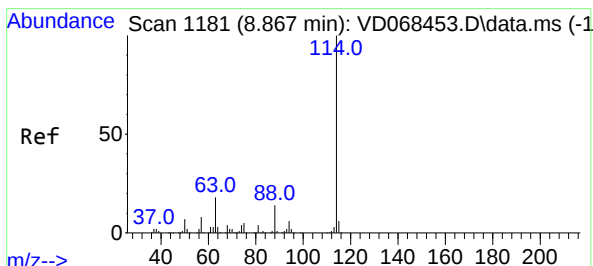
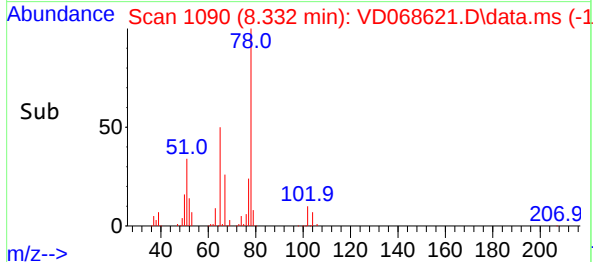
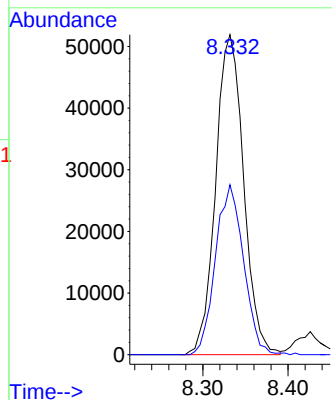
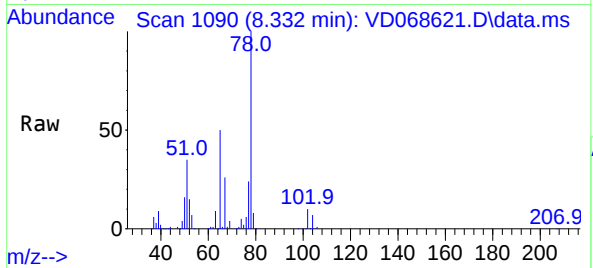
Tgt Ion: 97 Resp: 216772
Ion Ratio Lower Upper
97 100
99 63.2 52.1 78.1
61 42.3 30.1 45.1





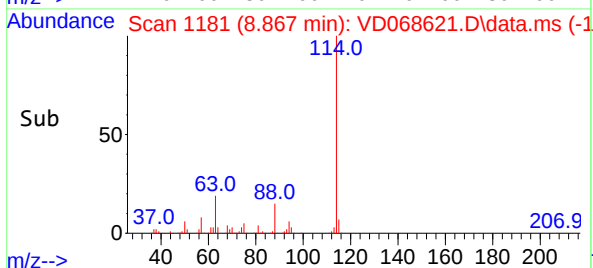
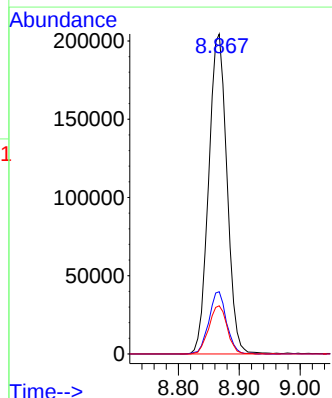
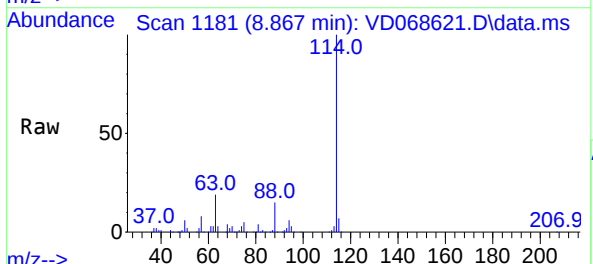
#33
1,2-Dichloroethane-d4
Concen: 46.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 65 Resp: 118505
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

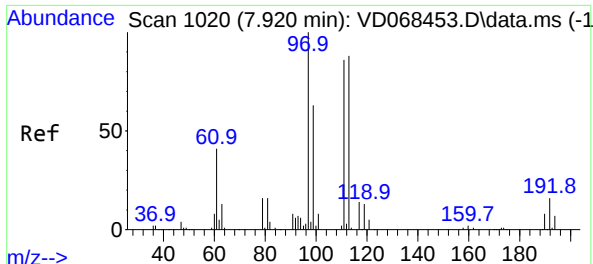
Tgt Ion: 114 Resp: 426053
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.0 0.0 31.6



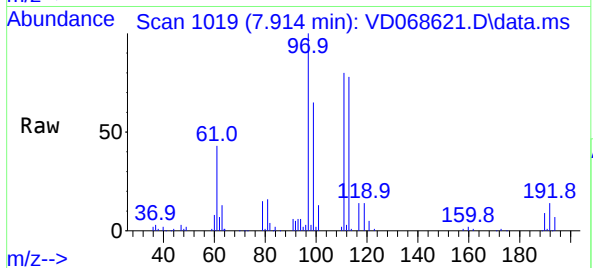
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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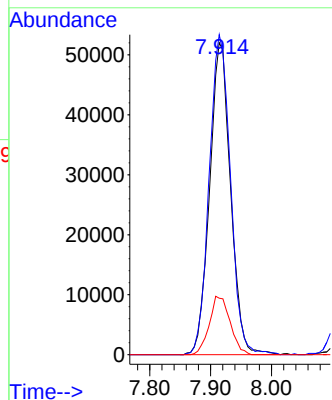
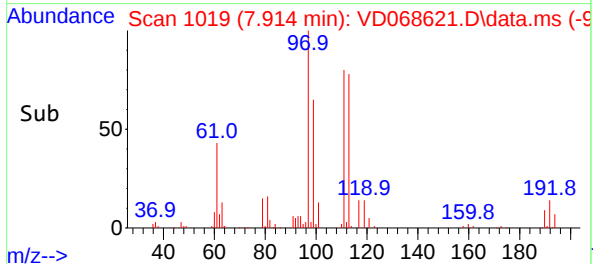
MMDadoda
3/16/2021 10:11:23 AM



#35
Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



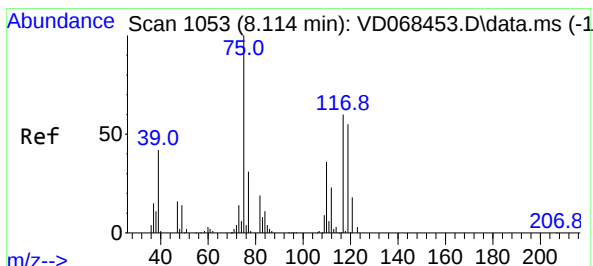
Tgt Ion:113 Resp: 124253
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.6 16.1 24.1



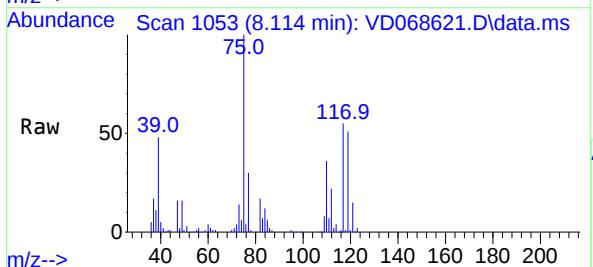
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

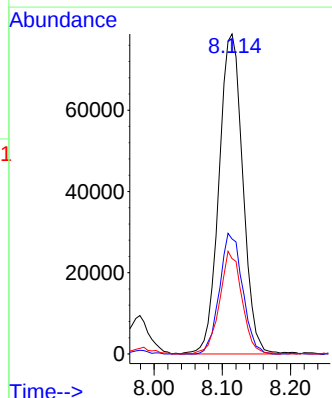
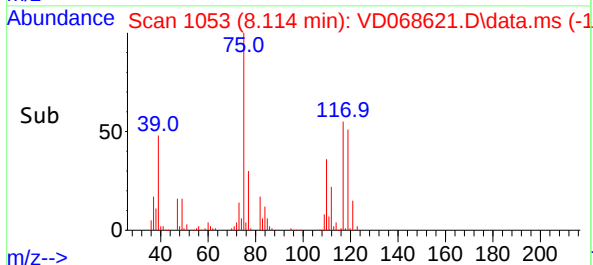
MMDadoda
3/16/2021 10:11:23 AM

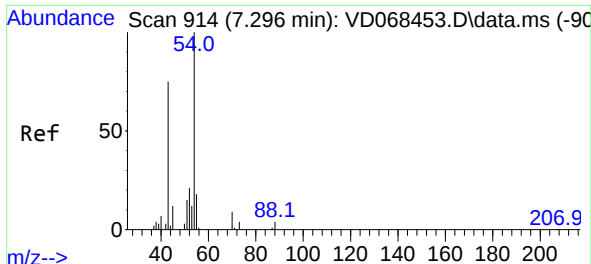


#36
1,1-Dichloropropene
Concen: 47.28 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



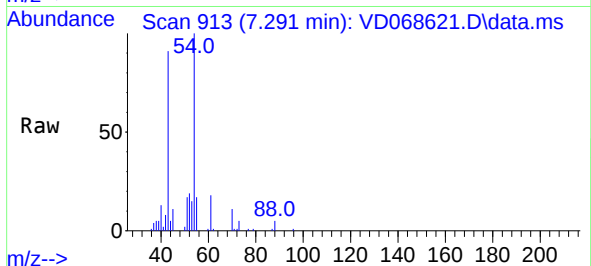
Tgt Ion: 75 Resp: 191472
Ion Ratio Lower Upper
75 100
110 36.5 19.4 58.2
77 29.9 25.3 37.9



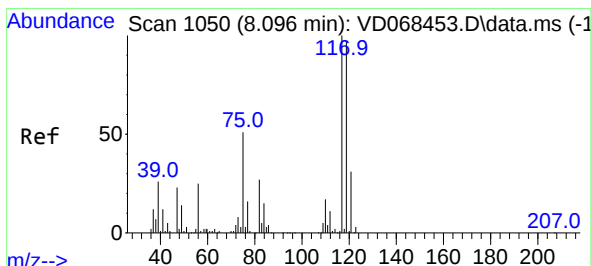
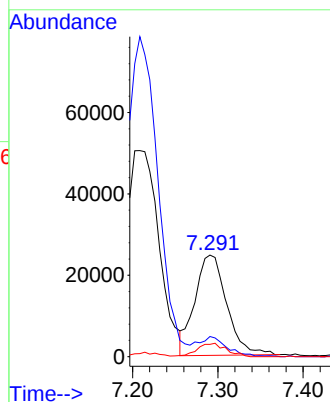
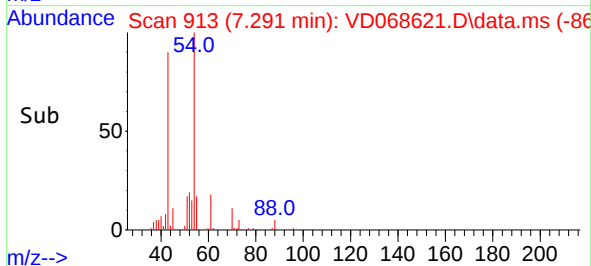


#37
Ethyl Acetate
Concen: 47.58 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

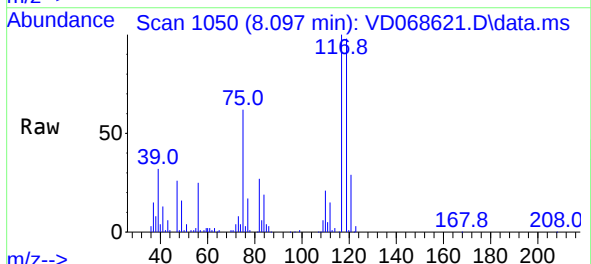
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



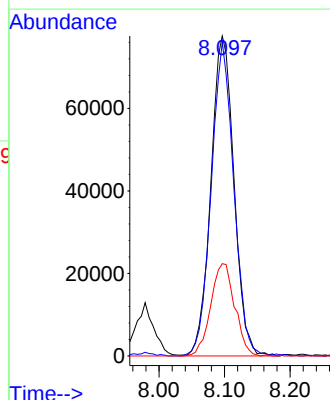
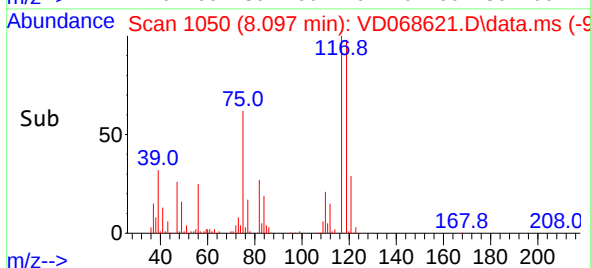
Tgt Ion: 43 Resp: 63934
Ion Ratio Lower Upper
43 100
61 18.3 12.9 19.3
70 12.2 11.0 16.6

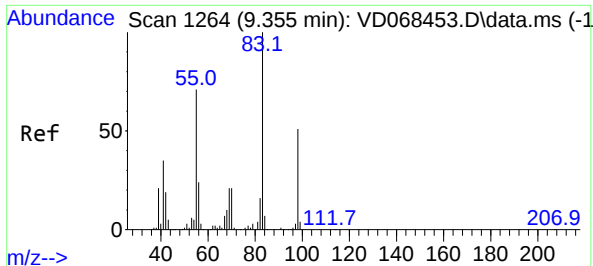


#38
Carbon Tetrachloride
Concen: 49.77 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 117 Resp: 189374
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 28.8 24.7 37.1





#39

Methylcyclohexane

Concen: 45.90 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068621.D

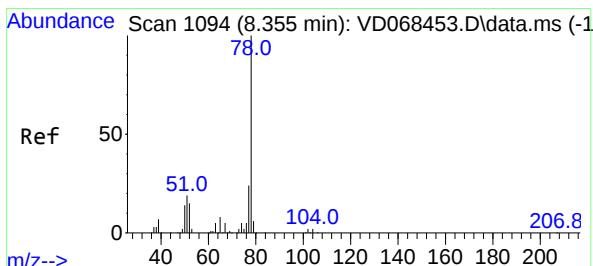
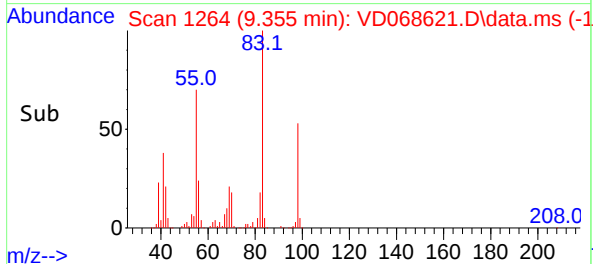
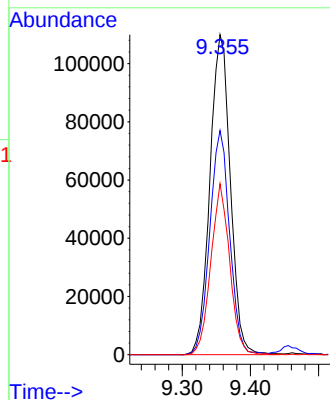
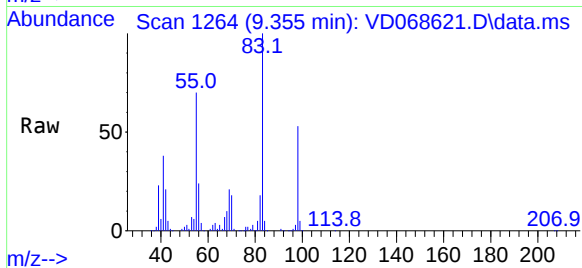
Acq: 15 Mar 2021 15:45

Tgt Ion:	83	Resp:	229237
Ion	Ratio	Lower	Upper
83	100		
55	70.1	55.2	82.8
98	53.4	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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3/16/2021 10:11:23 AM



#40

Benzene

Concen: 48.05 ug/l

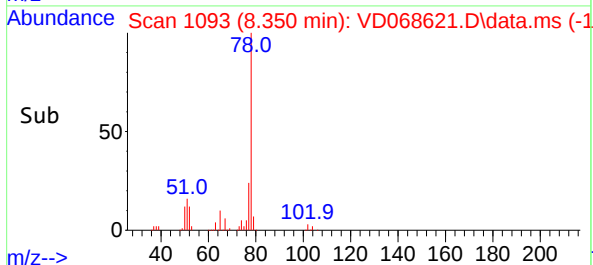
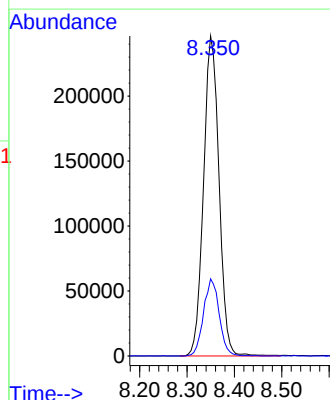
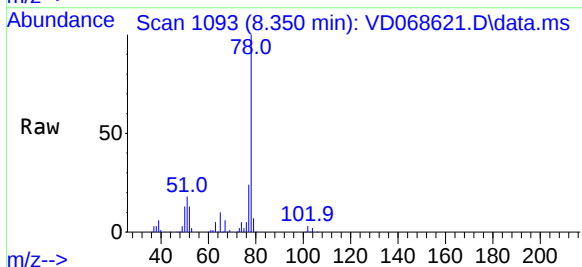
RT: 8.350 min Scan# 1093

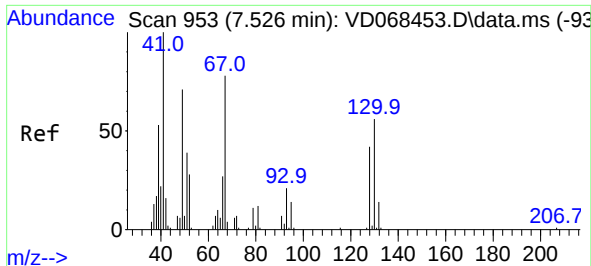
Delta R.T. -0.006 min

Lab File: VD068621.D

Acq: 15 Mar 2021 15:45

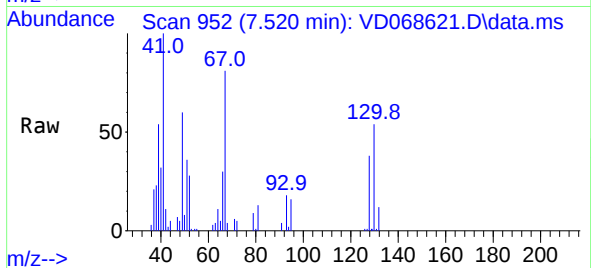
Tgt Ion:	78	Resp:	558250
Ion	Ratio	Lower	Upper
78	100		
77	24.1	17.8	26.6





#41
Methacrylonitrile
Concen: 43.56 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

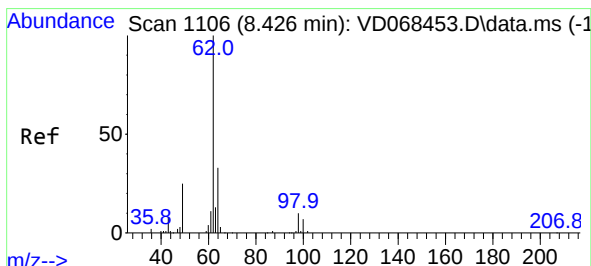
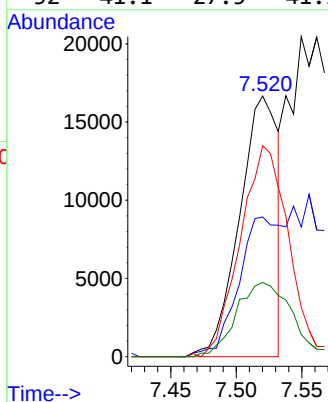
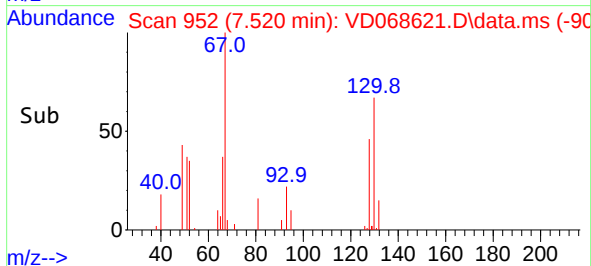
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



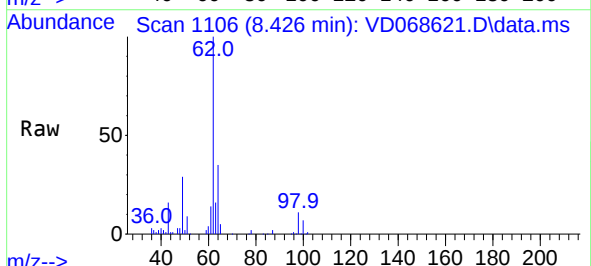
Tgt Ion: 41 Resp: 33975
Ion Ratio Lower Upper
41 100
39 55.6 45.2 67.8
67 101.8 67.4 101.2#
52 41.1 27.5 41.3

Manual Integrations
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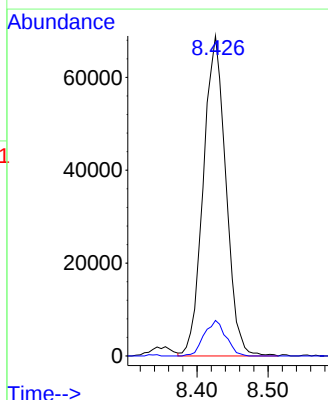
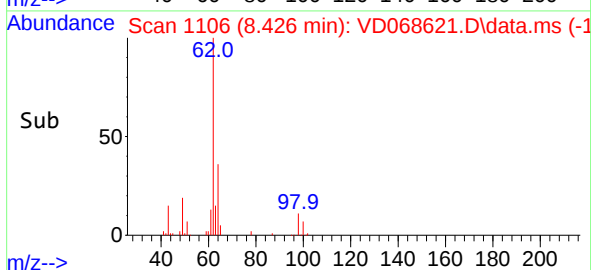
MMDadoda
3/16/2021 10:11:23 AM

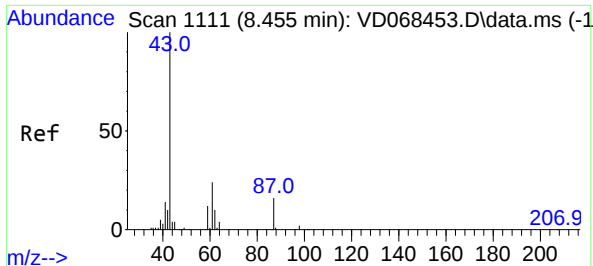


#42
1,2-Dichloroethane
Concen: 49.84 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 62 Resp: 152239
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.8

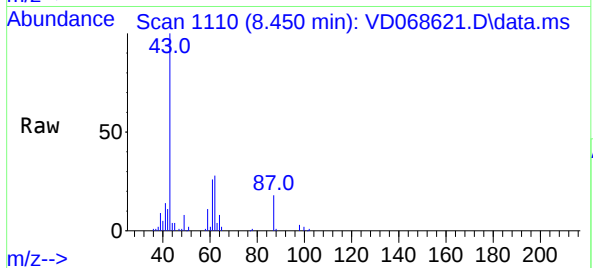




#43

Isopropyl Acetate
Concen: 51.28 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

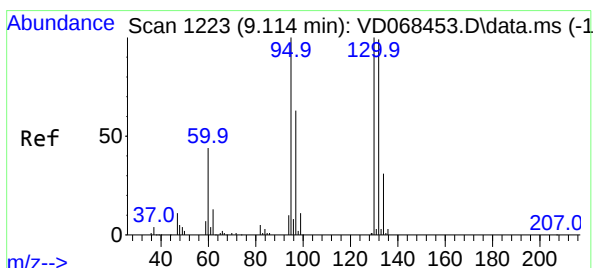
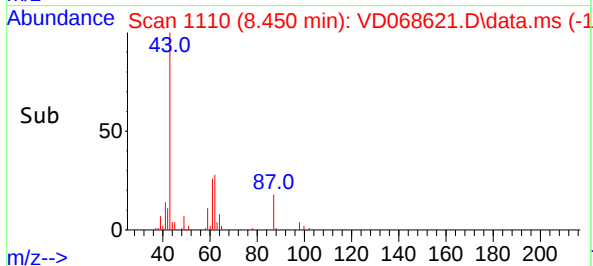
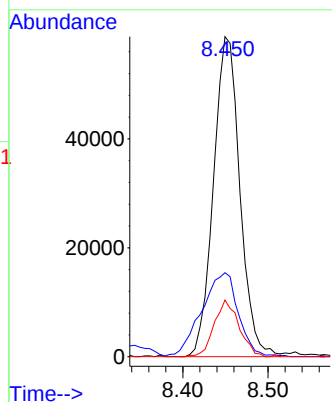
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	43	Resp:	126631
Ion	Ratio	Lower	Upper
43	100		
61	36.3	28.7	43.1
87	16.7	13.9	20.9

Manual Integrations
APPROVED

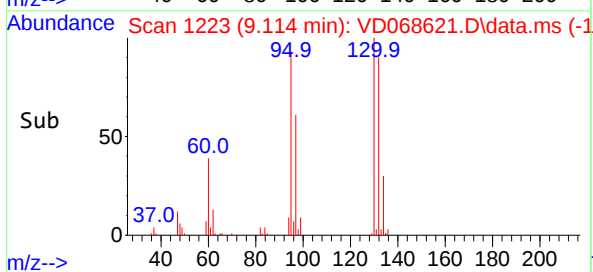
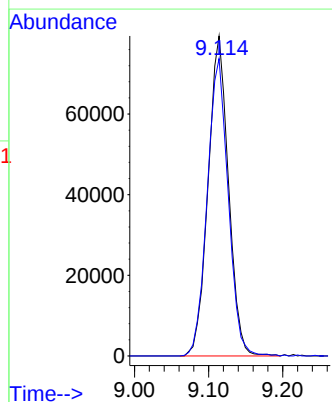
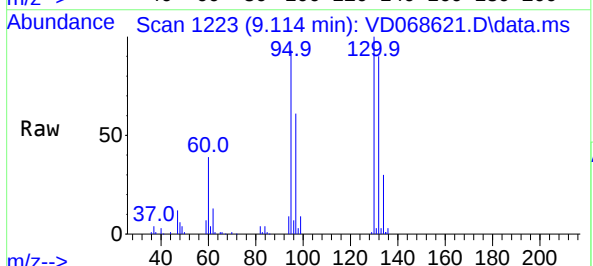
MMDadoda
3/16/2021 10:11:23 AM

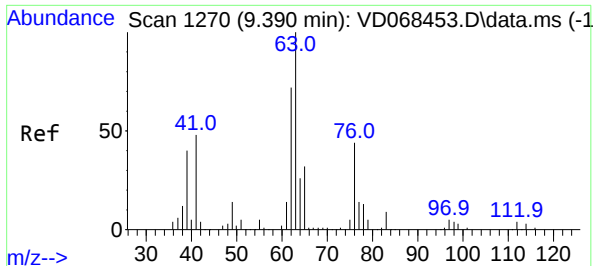


#44

Trichloroethene
Concen: 47.55 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:	130	Resp:	151625
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	191.2





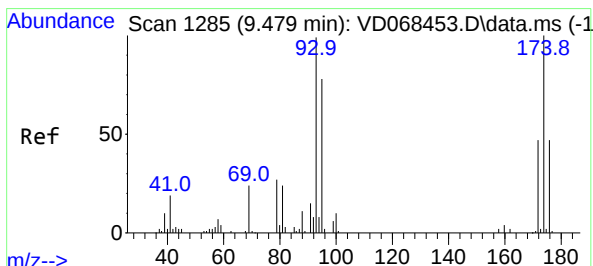
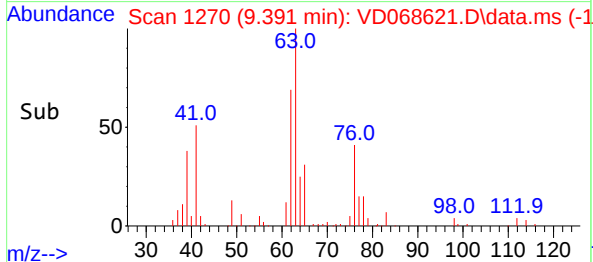
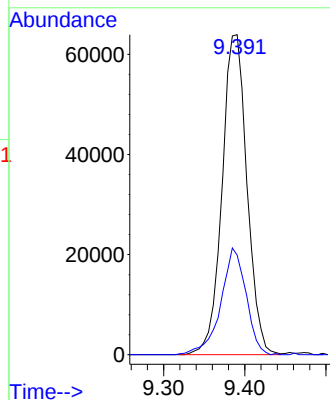
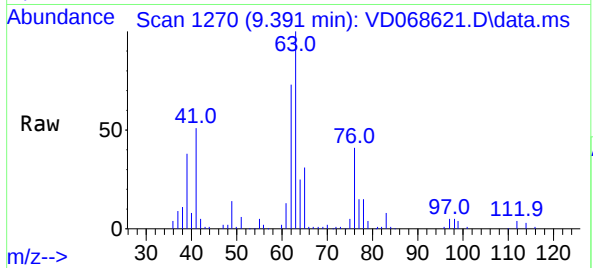
#45
1,2-Dichloropropane
Concen: 49.16 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 63 Resp: 136521
Ion Ratio Lower Upper
63 100
65 31.1 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

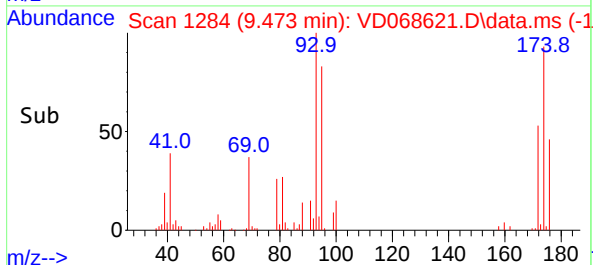
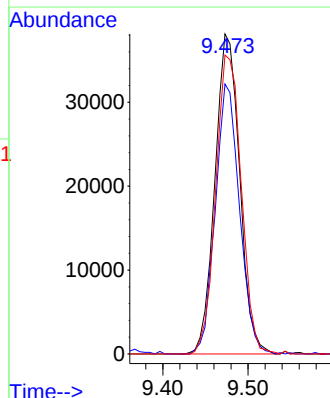
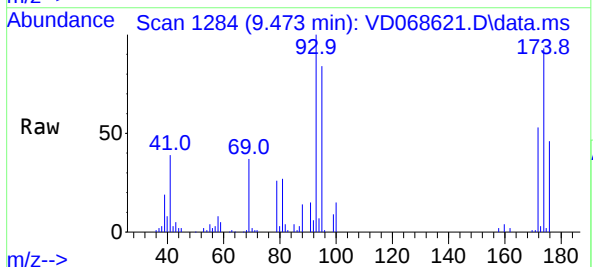
Manual Integrations
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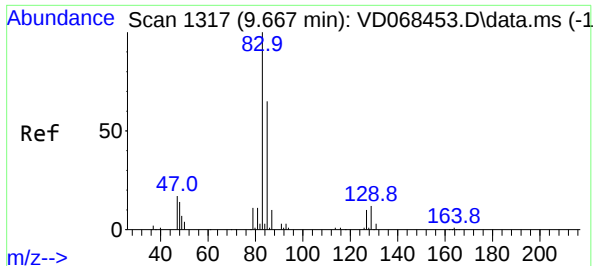
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#46
Dibromomethane
Concen: 50.89 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 93 Resp: 76884
Ion Ratio Lower Upper
93 100
95 82.9 67.3 100.9
174 96.3 84.6 127.0





#47

Bromodichloromethane
Concen: 50.22 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

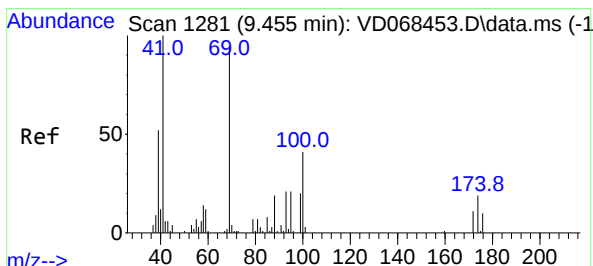
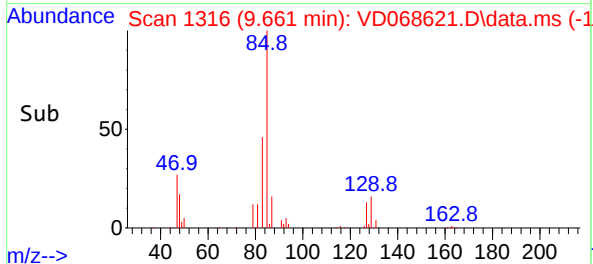
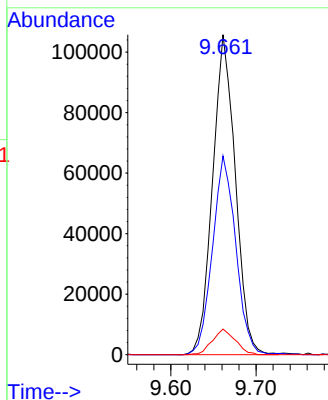
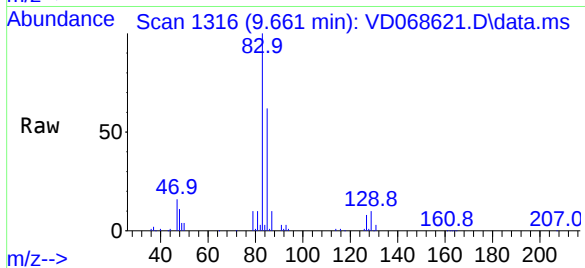
Tgt Ion: 83 Resp: 196279

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.6	77.4
127	8.0	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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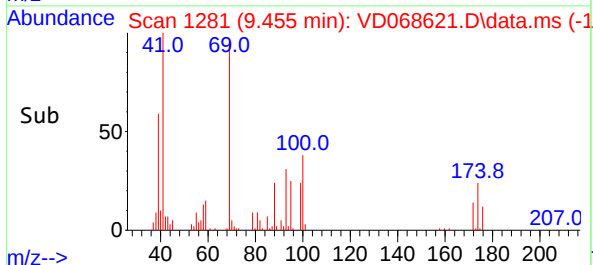
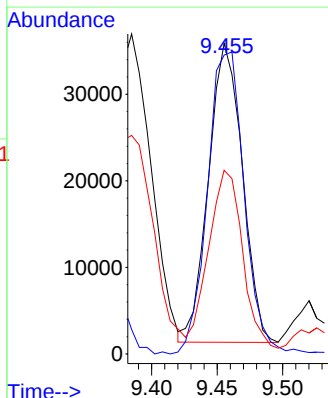
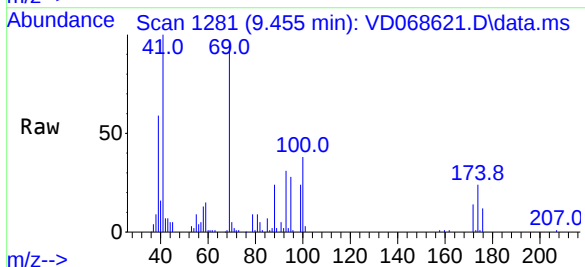


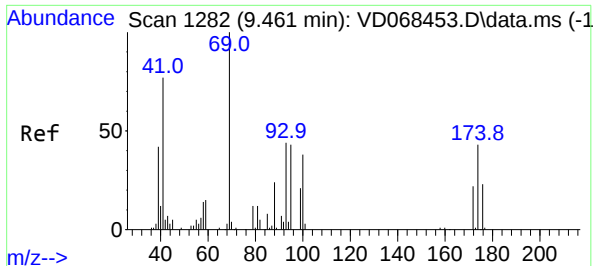
#48

Methyl methacrylate
Concen: 47.03 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 41 Resp: 61914

Ion	Ratio	Lower	Upper
41	100		
69	110.1	77.1	115.7
39	59.4	41.5	62.3





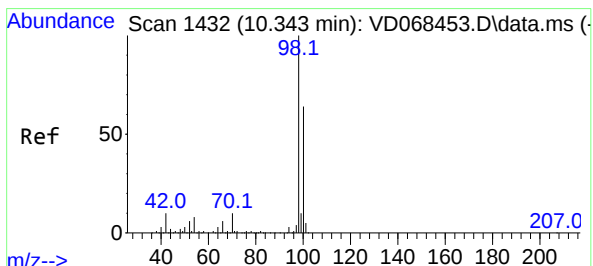
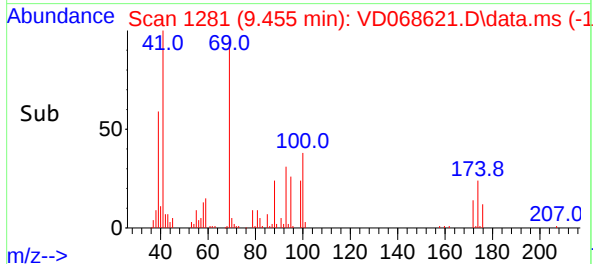
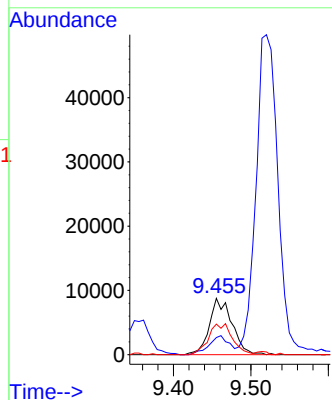
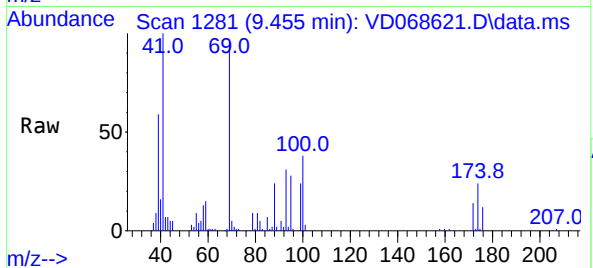
#49
1,4-Dioxane
Concen: 1036.93 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 88 Resp: 17866
Ion Ratio Lower Upper
88 100
43 29.7 22.1 33.1
58 58.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

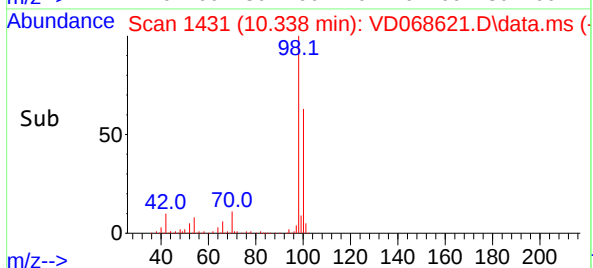
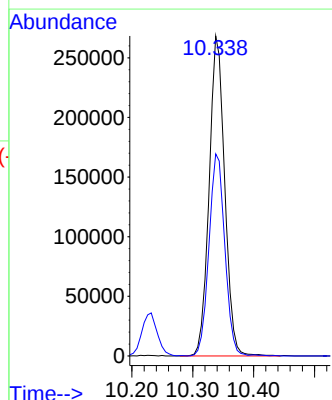
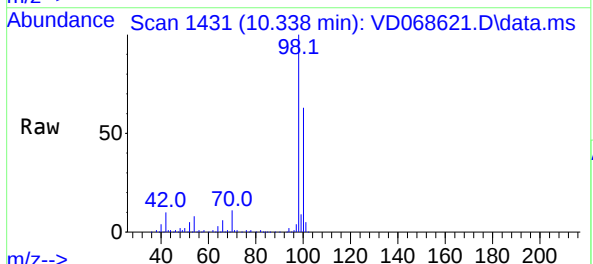
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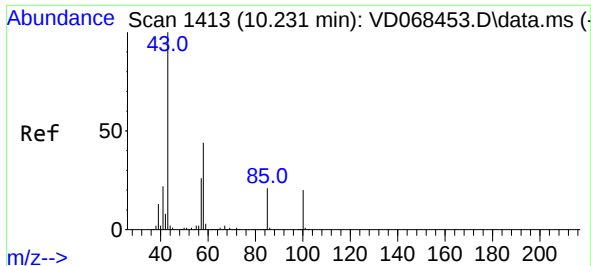
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#50
Toluene-d8
Concen: 46.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 98 Resp: 476595
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4





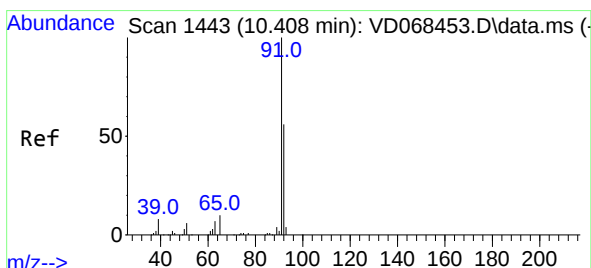
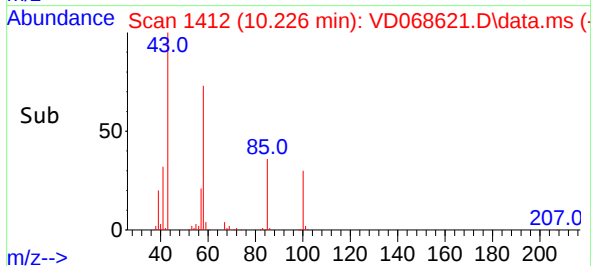
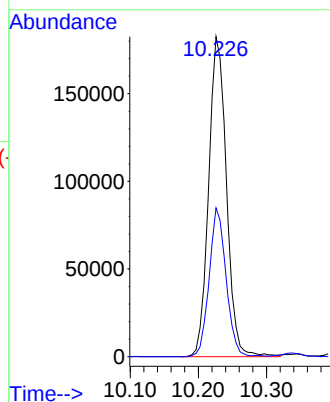
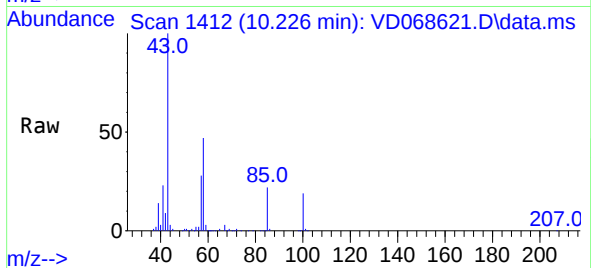
#51
4-Methyl-2-Pentanone
Concen: 256.78 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 43 Resp: 331837
Ion Ratio Lower Upper
43 100
58 44.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

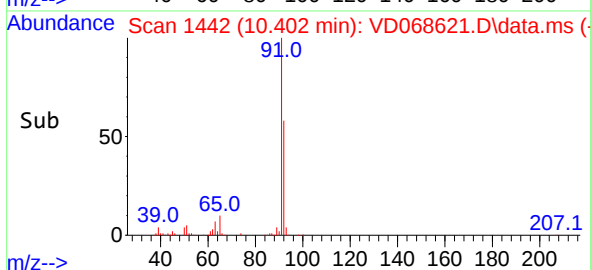
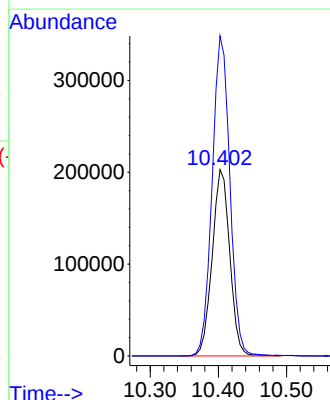
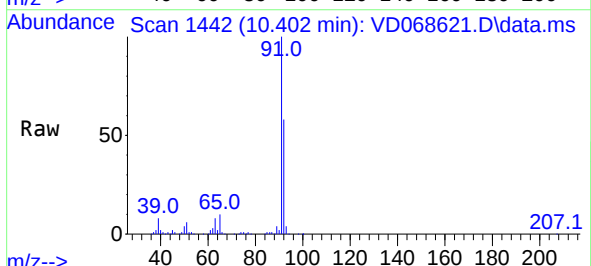
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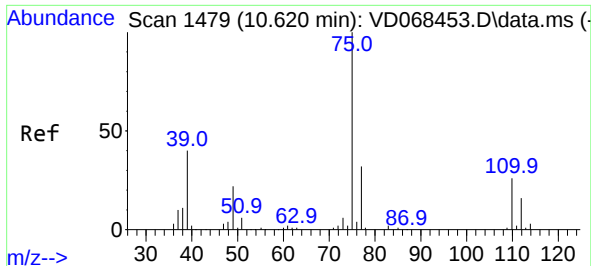
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#52
Toluene
Concen: 49.08 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 92 Resp: 364086
Ion Ratio Lower Upper
92 100
91 173.5 134.1 201.1





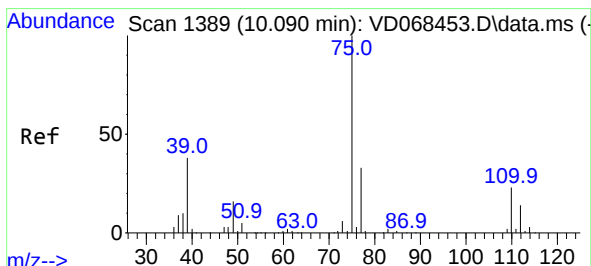
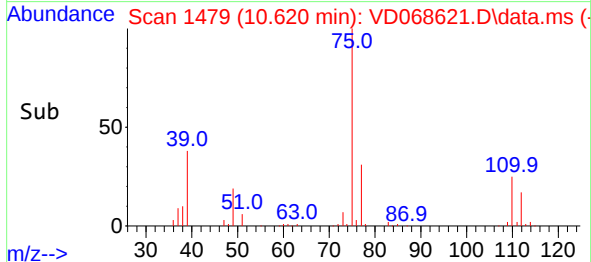
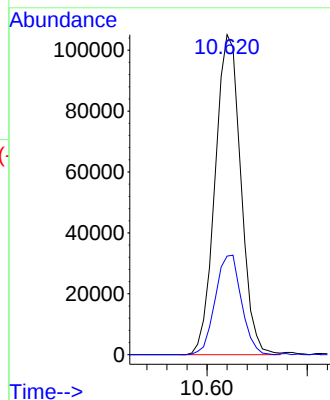
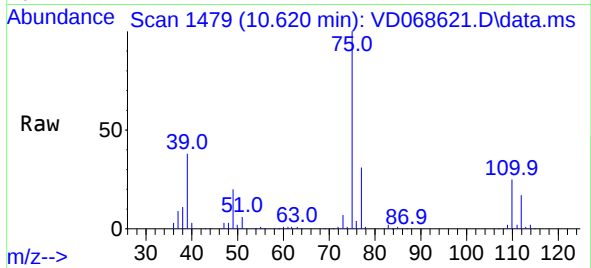
#53
t-1,3-Dichloropropene
Concen: 51.91 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 75 Resp: 187498
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

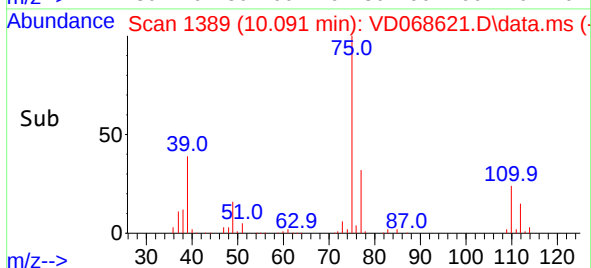
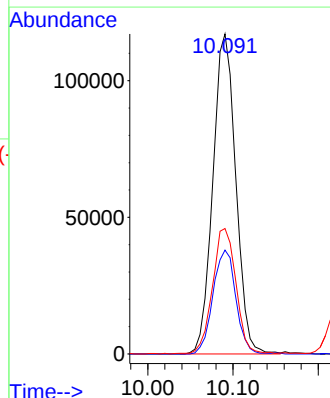
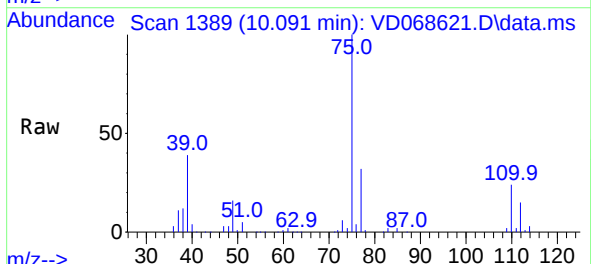
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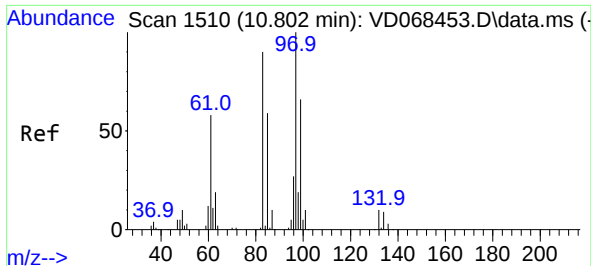
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3/16/2021 10:11:23 AM



#54
cis-1,3-Dichloropropene
Concen: 49.61 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 75 Resp: 218638
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 39.0 31.4 47.0





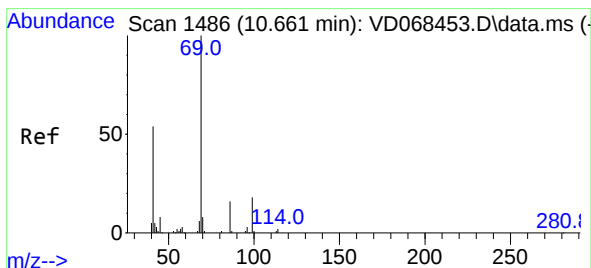
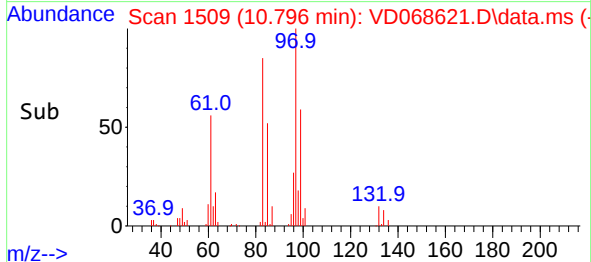
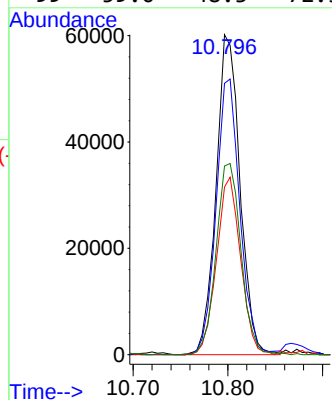
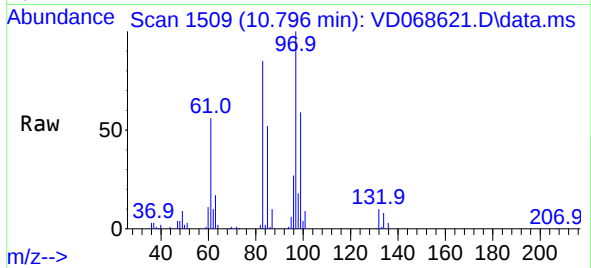
#55
1,1,2-Trichloroethane
Concen: 50.58 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:	97	Resp:	105758
Ion	Ratio	Lower	Upper
97	100		
83	84.8	61.8	92.6
85	52.4	42.2	63.2
99	59.0	48.3	72.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

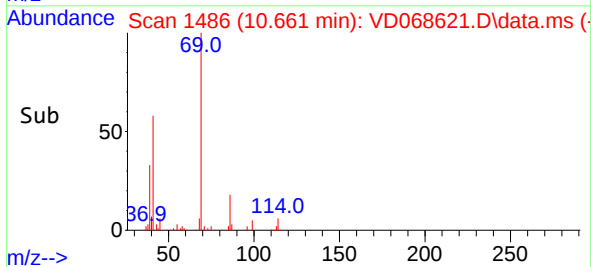
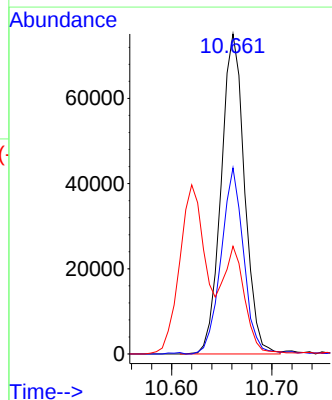
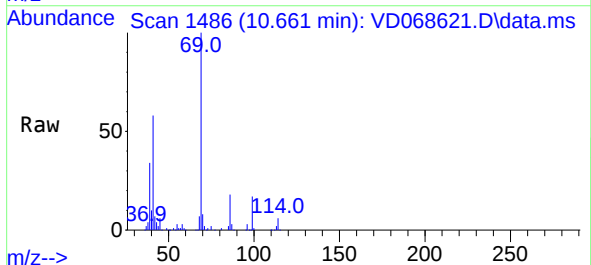
Manual Integrations
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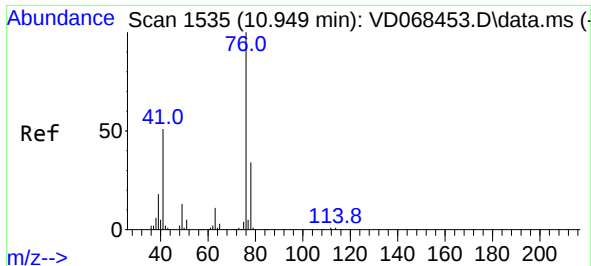
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3/16/2021 10:11:23 AM



#56
Ethyl methacrylate
Concen: 50.60 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:	69	Resp:	121598
Ion	Ratio	Lower	Upper
69	100		
41	56.6	44.9	67.3
39	30.9	21.9	32.9





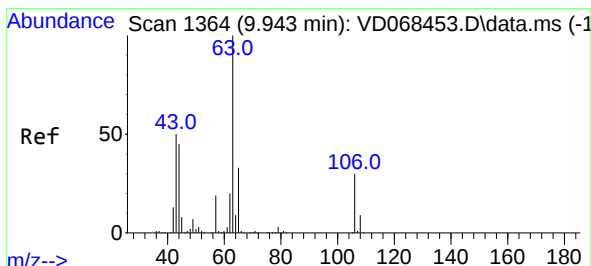
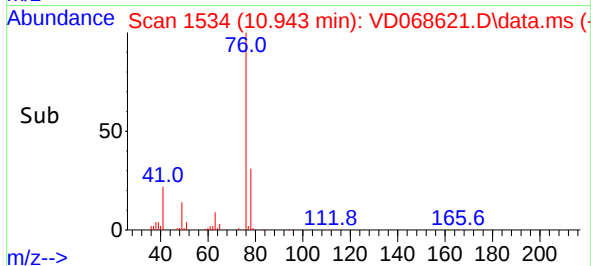
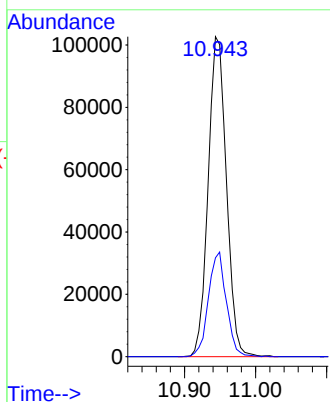
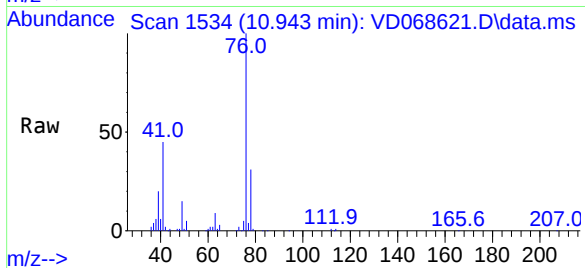
#57
1,3-Dichloropropane
Concen: 50.27 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 76 Resp: 183449
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

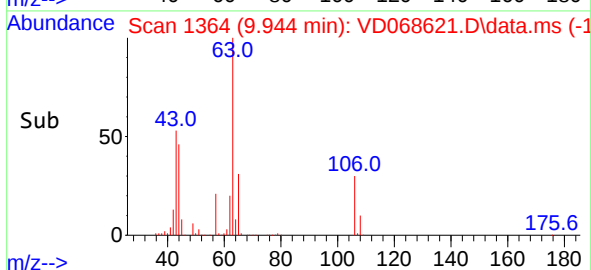
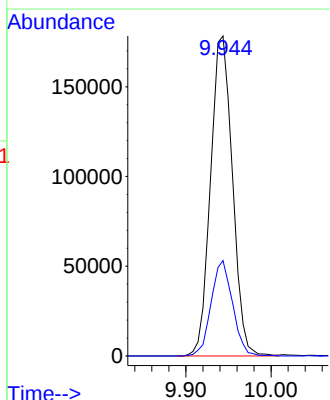
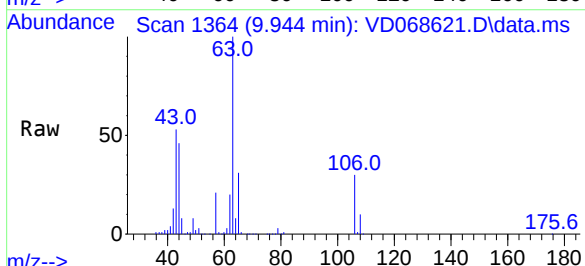
Manual Integrations
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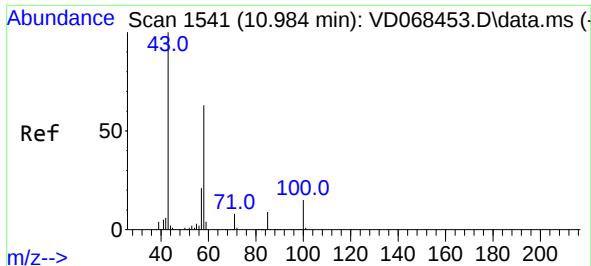
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3/16/2021 10:11:23 AM



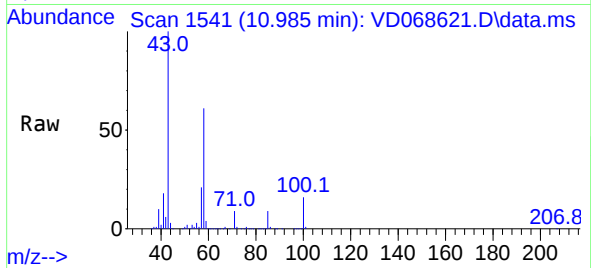
#58
2-Chloroethyl Vinyl ether
Concen: 264.38 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 63 Resp: 318759
Ion Ratio Lower Upper
63 100
106 29.1 27.0 40.4

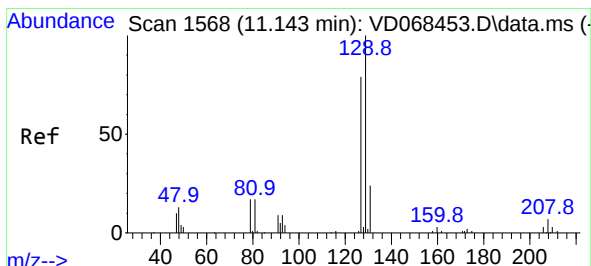
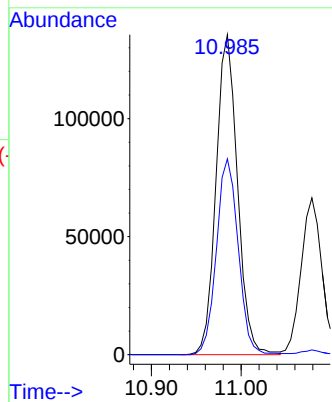
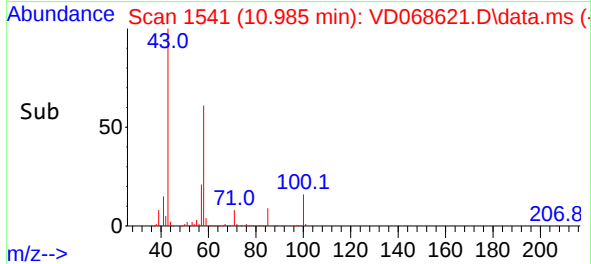




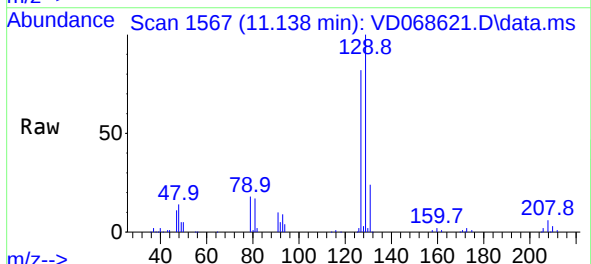
#59
2-Hexanone
Concen: 261.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



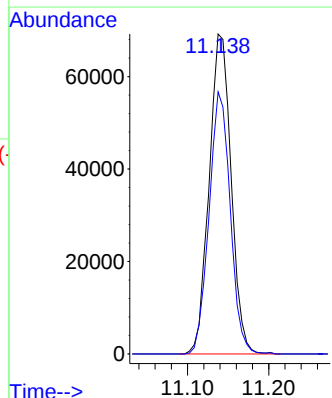
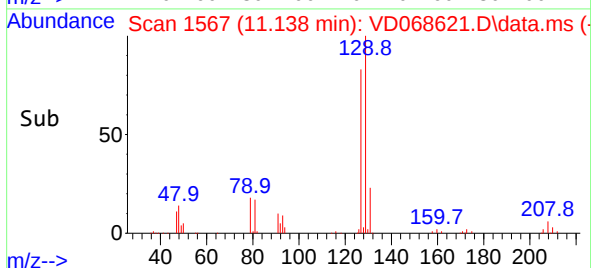
Tgt Ion: 43 Resp: 225019
Ion Ratio Lower Upper
43 100
58 62.2 31.0 93.0



#60
Dibromochloromethane
Concen: 50.37 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



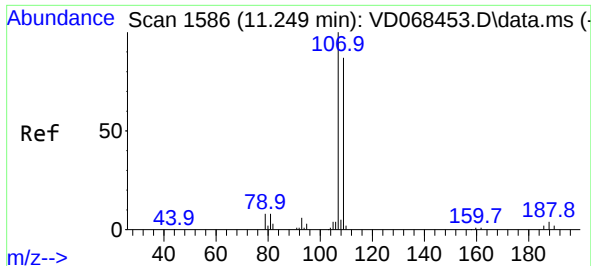
Tgt Ion: 129 Resp: 130361
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

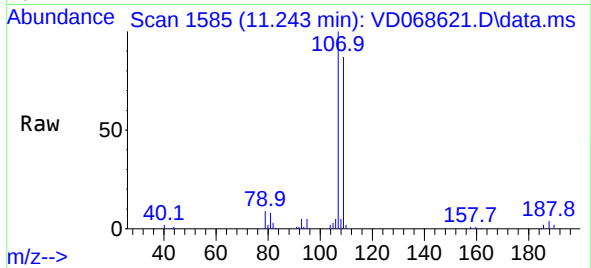
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#61
1,2-Dibromoethane
Concen: 50.78 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

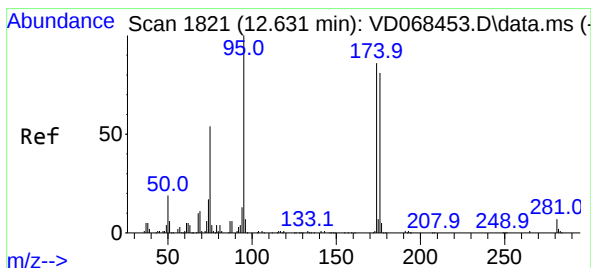
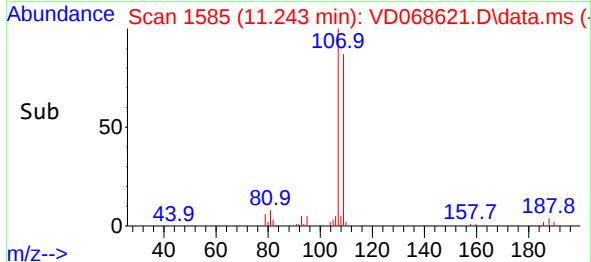
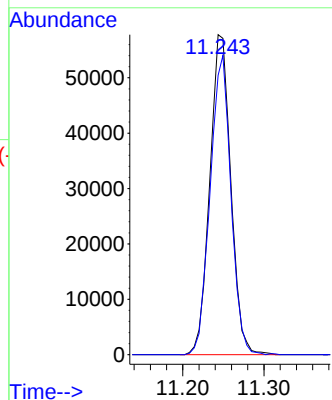
Instrument :
MSVOA_D
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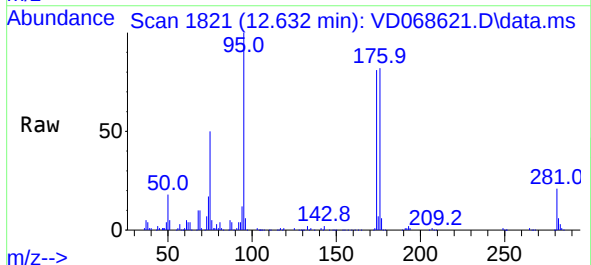
Tgt Ion:107 Resp: 103897
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2

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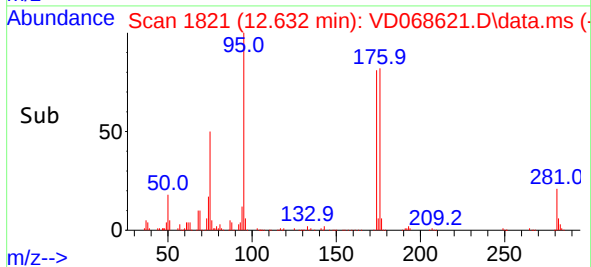
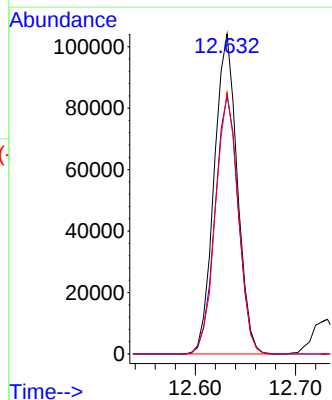
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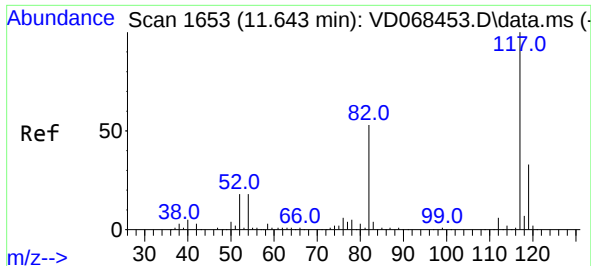


#62
4-Bromofluorobenzene
Concen: 50.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 95 Resp: 166246
Ion Ratio Lower Upper
95 100
174 81.5 0.0 172.4
176 80.6 0.0 168.4





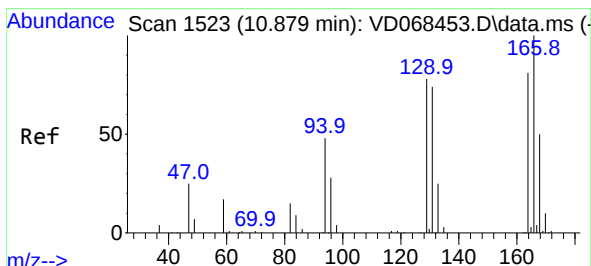
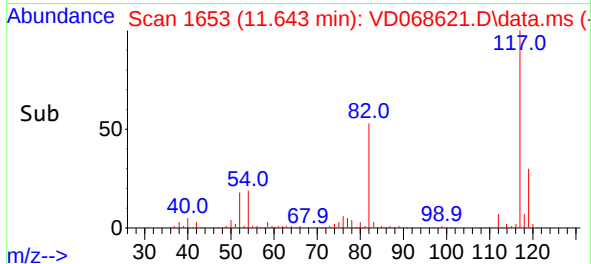
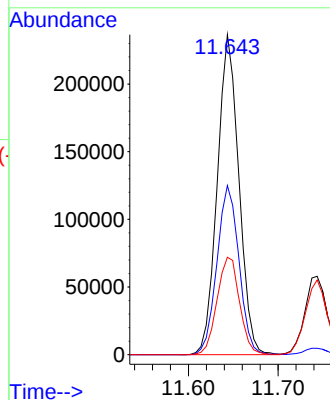
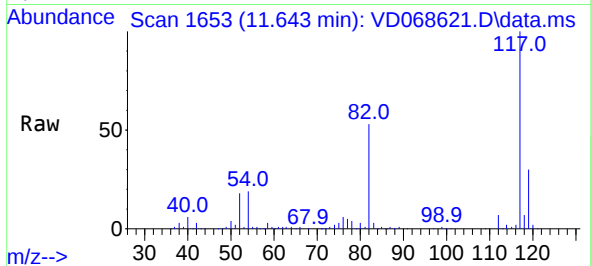
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:117 Resp: 395072
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 30.4 26.1 39.1

Instrument :
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ClientSampleId :
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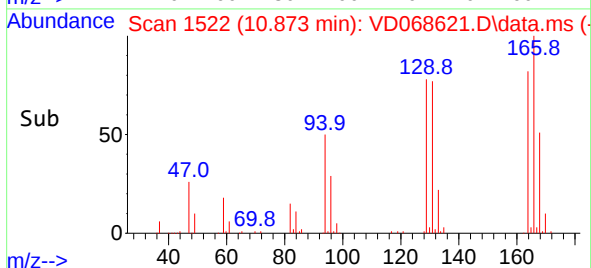
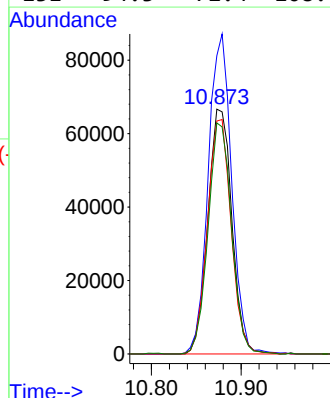
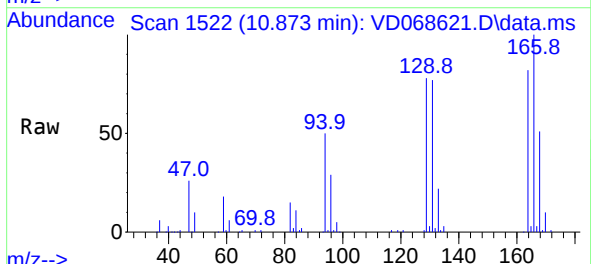
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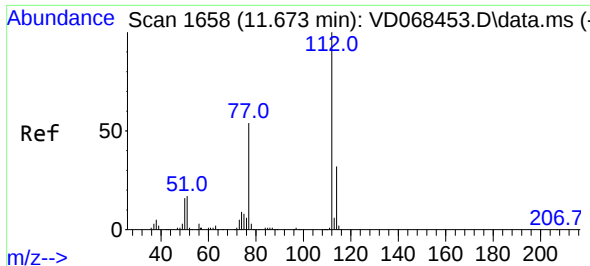
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#64
Tetrachloroethene
Concen: 48.16 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

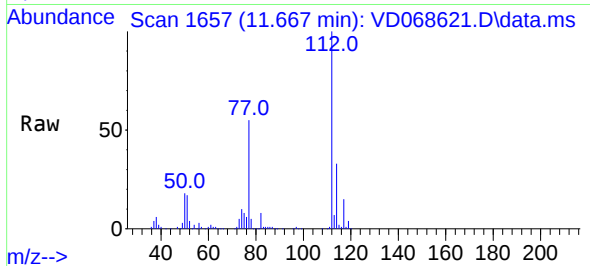
Tgt Ion:164 Resp: 124249
Ion Ratio Lower Upper
164 100
166 121.8 105.5 158.3
129 95.2 75.6 113.4
131 94.3 72.4 108.6





#65
Chlorobenzene
Concen: 48.57 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

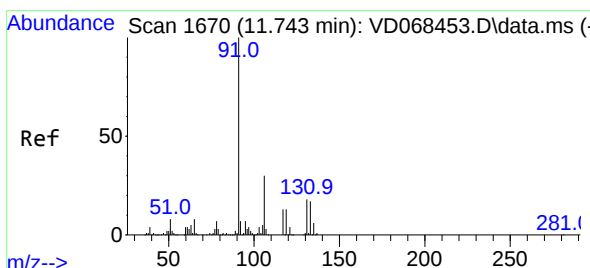
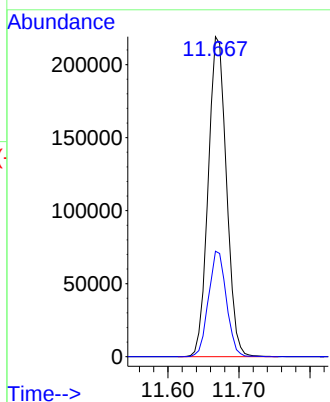
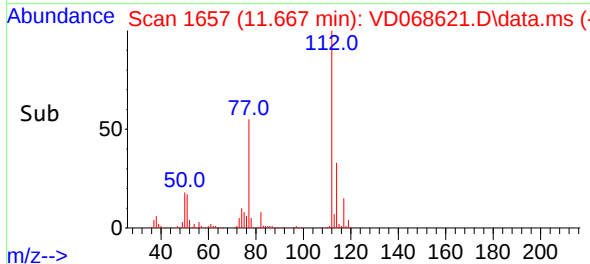
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



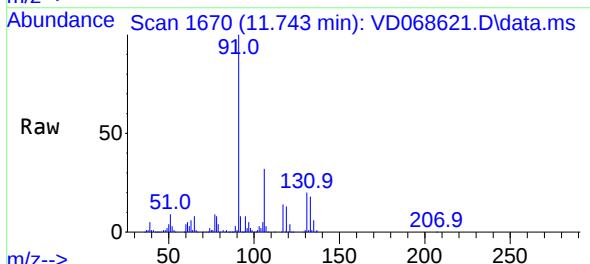
Tgt Ion:112 Resp: 390786
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

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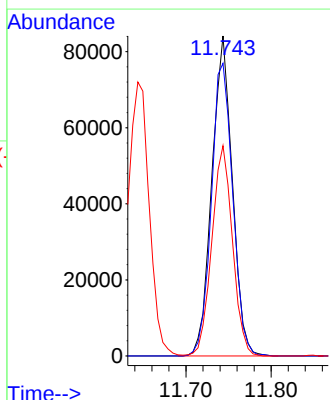
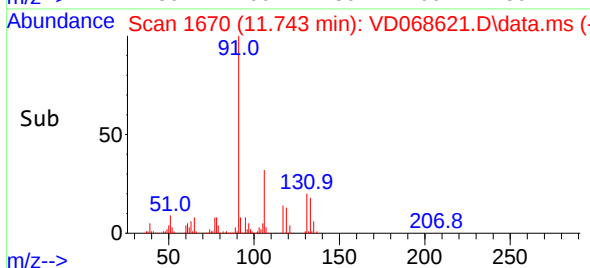
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.24 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion:131 Resp: 140506
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 66.3 31.6 94.8





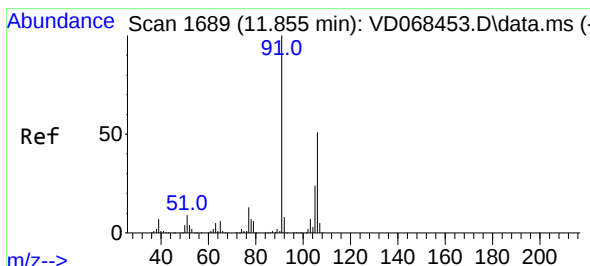
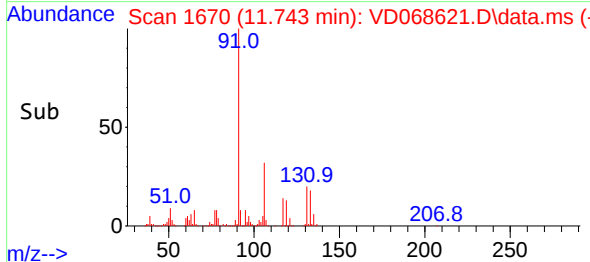
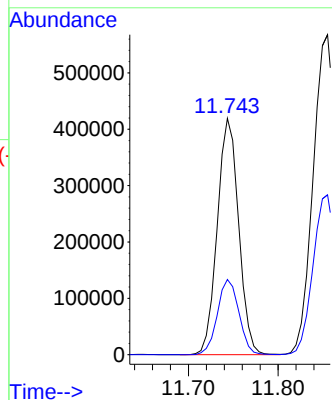
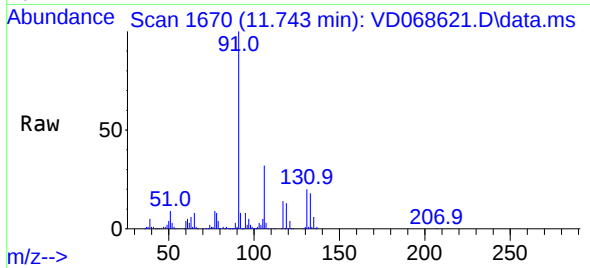
#67
Ethyl Benzene
Concen: 48.25 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 91 Resp: 692973
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

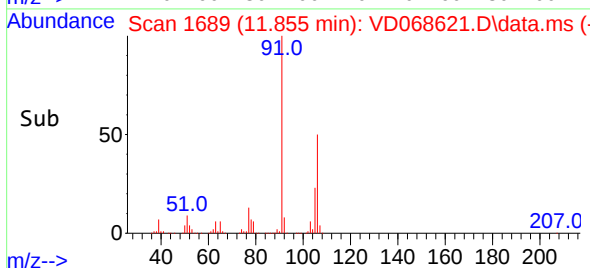
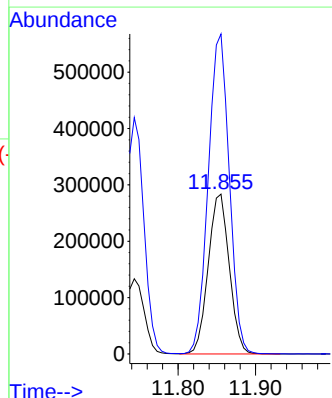
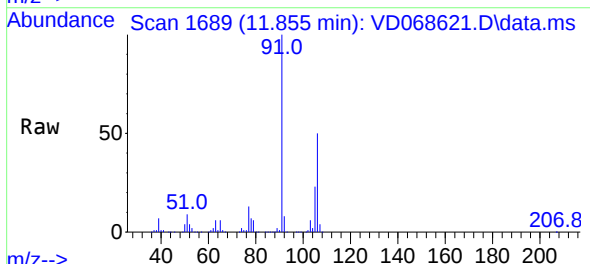
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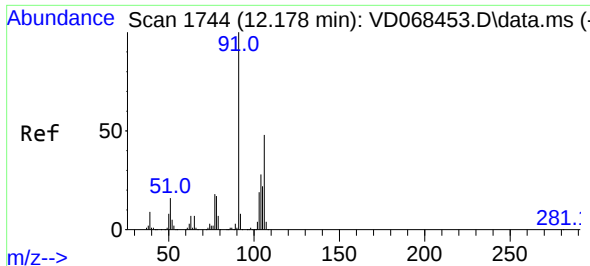
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#68
m/p-Xylenes
Concen: 98.15 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 106 Resp: 535370
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7





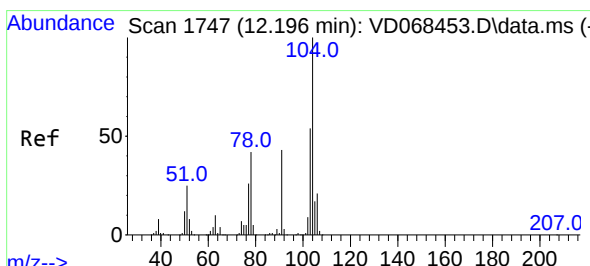
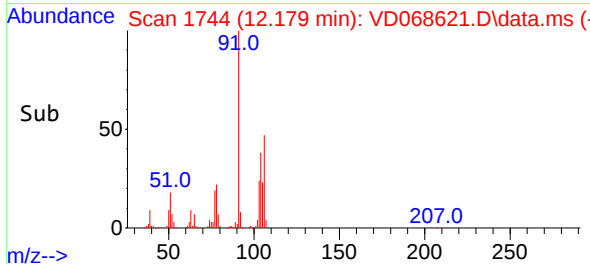
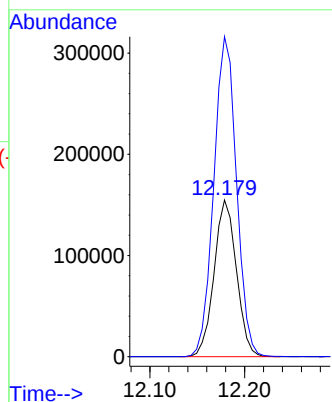
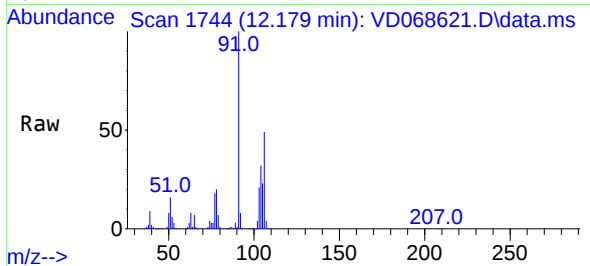
#69
o-Xylene
Concen: 50.48 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:106 Resp: 253556
Ion Ratio Lower Upper
106 100
91 207.5 108.7 325.9

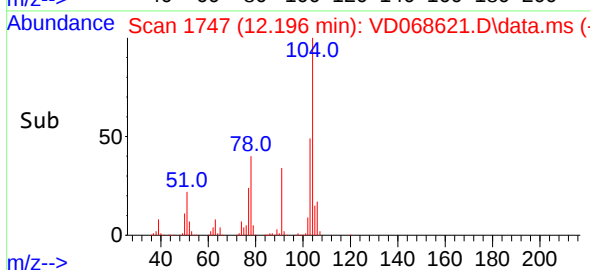
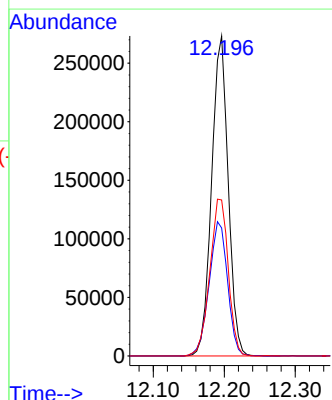
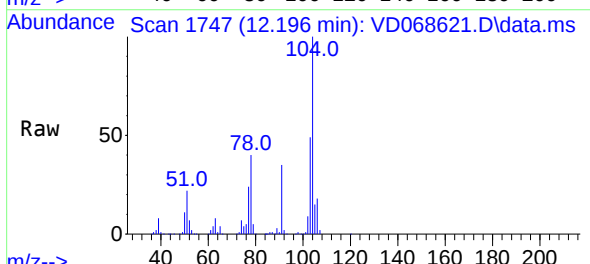
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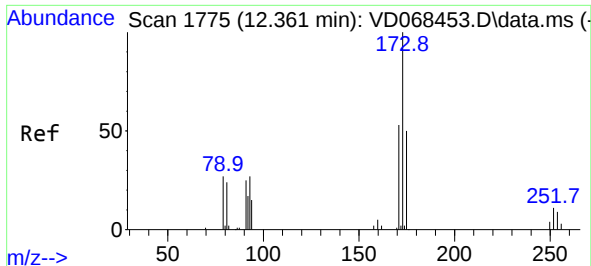
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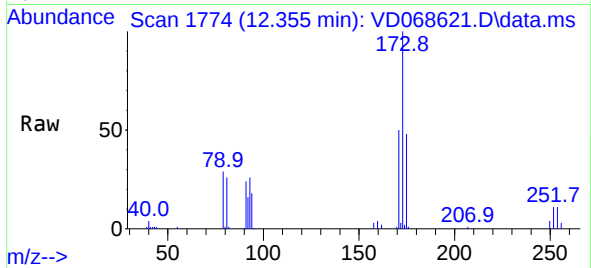
#70
Styrene
Concen: 51.46 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:104 Resp: 442097
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 54.6 43.1 64.7

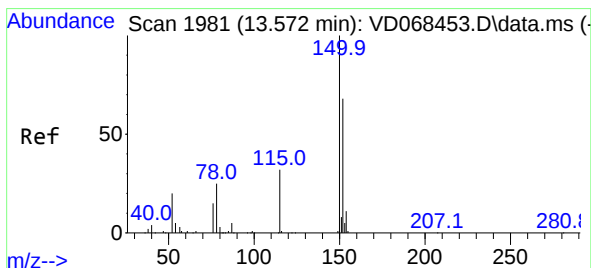
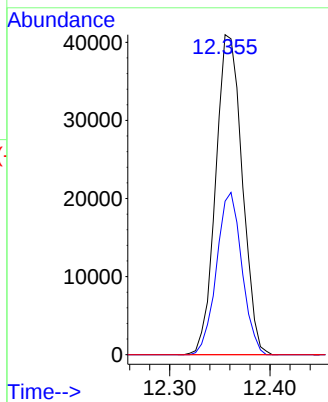
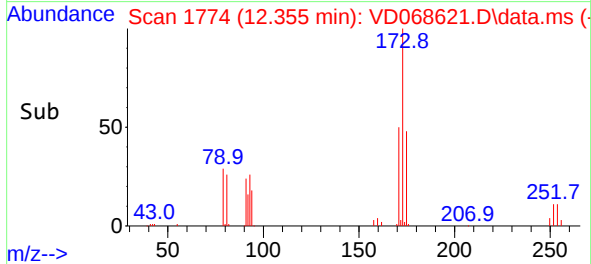




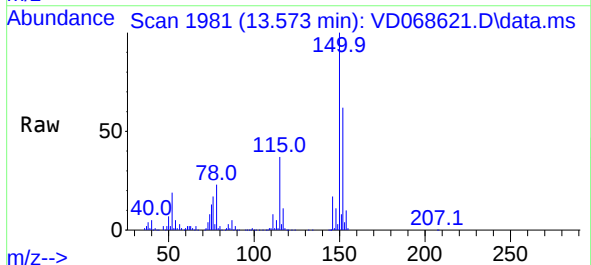
#71
Bromoform
Concen: 52.99 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



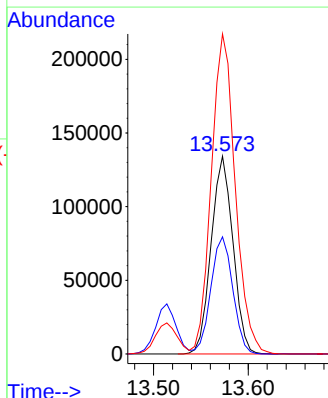
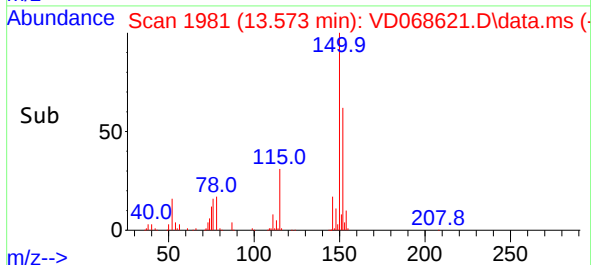
Tgt Ion:173 Resp: 75283
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



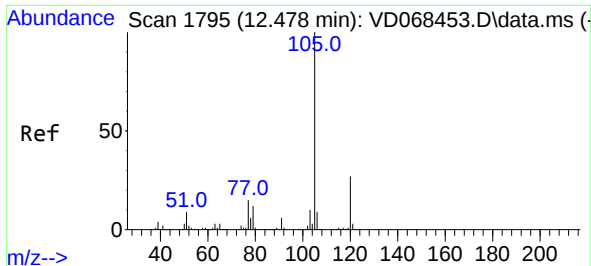
Tgt Ion:152 Resp: 214958
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.8
150 177.6 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
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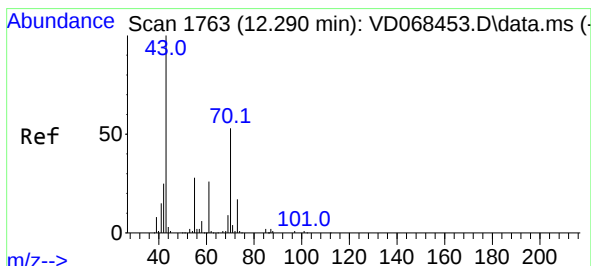
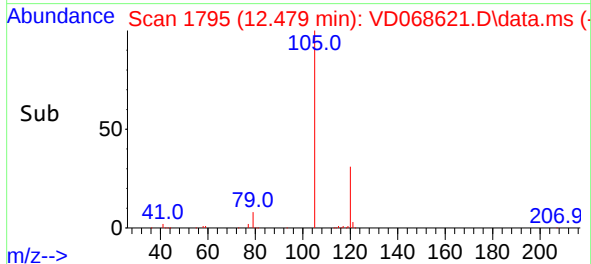
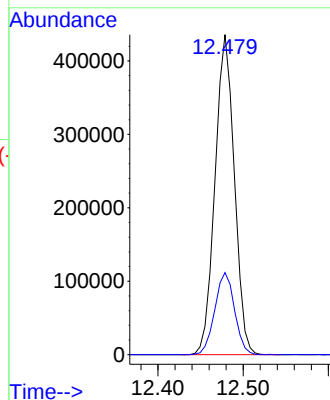
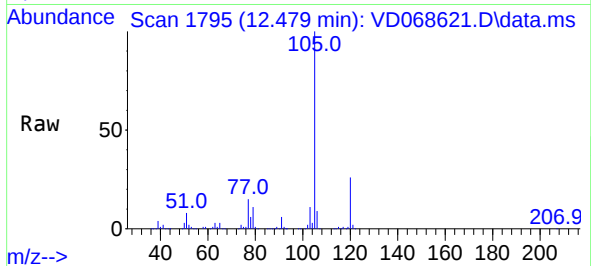
#73
Isopropylbenzene
Concen: 43.09 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 105 Resp: 686968
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

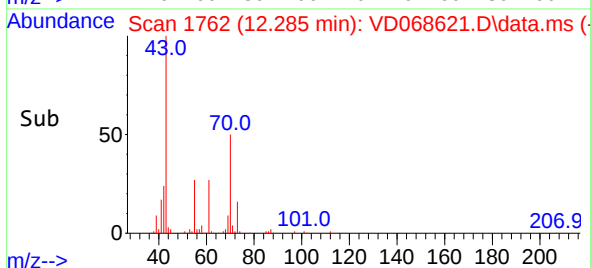
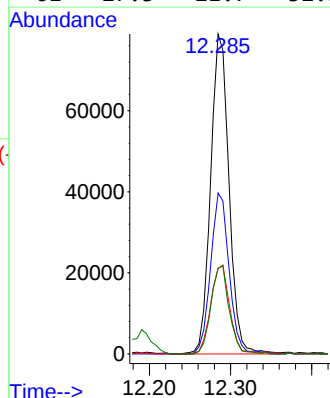
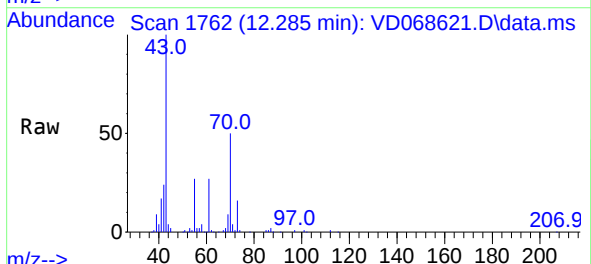
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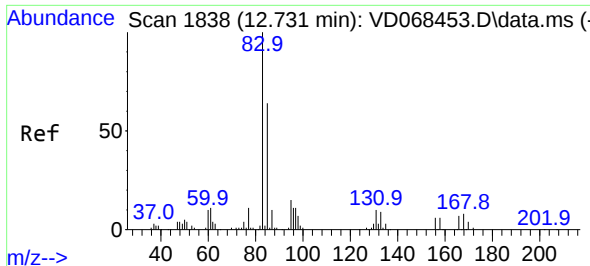
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#74
N-ethyl acetate
Concen: 45.62 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 43 Resp: 123899
Ion Ratio Lower Upper
43 100
70 50.9 41.8 62.8
55 29.0 24.2 36.4
61 27.3 21.7 32.5





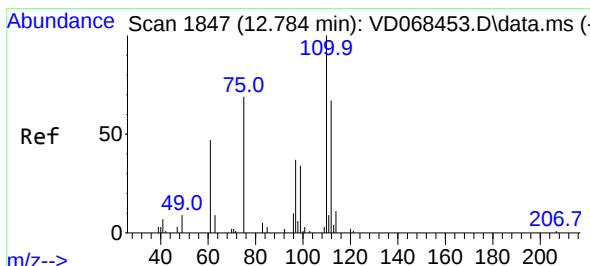
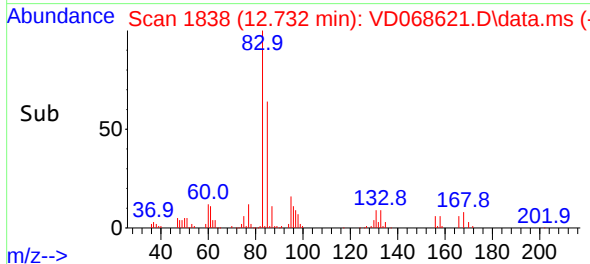
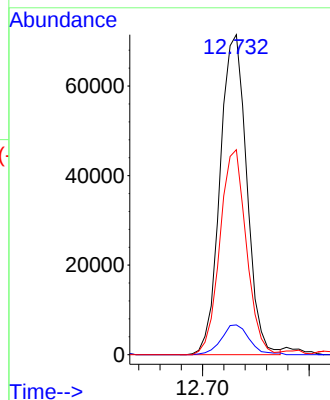
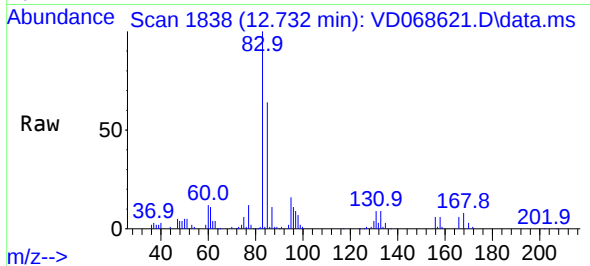
#75
1,1,2,2-Tetrachloroethane
Concen: 45.21 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 83 Resp: 124000
Ion Ratio Lower Upper
83 100
131 9.8 5.8 17.4
85 63.7 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

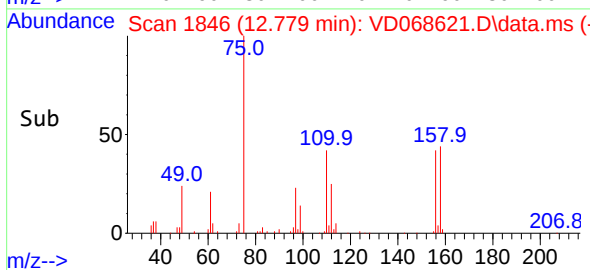
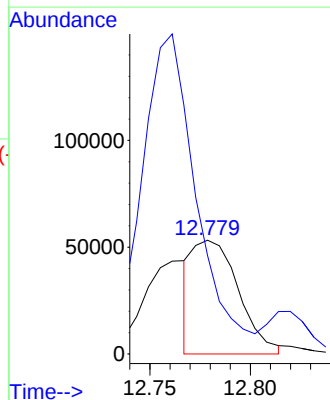
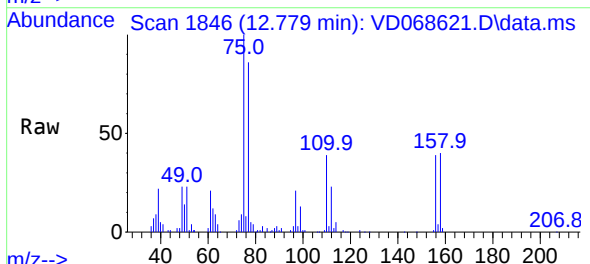
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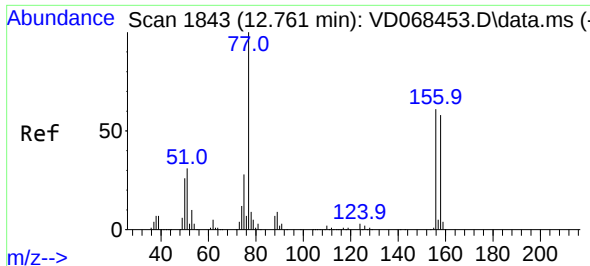
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#76
1,2,3-Trichloropropane
Concen: 44.42 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 75 Resp: 84775
Ion Ratio Lower Upper
75 100
77 334.6 0.0 0.0#





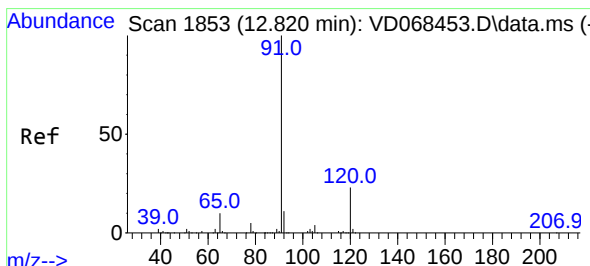
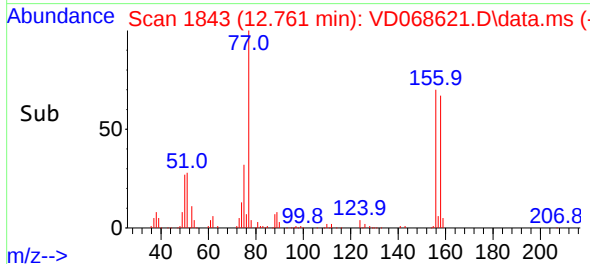
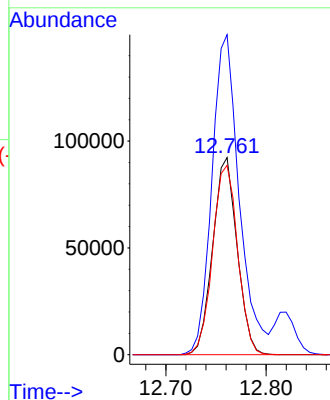
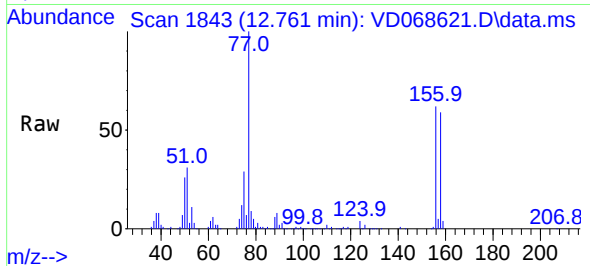
#77
Bromobenzene
Concen: 42.89 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 156 Resp: 156055
Ion Ratio Lower Upper
156 100
77 181.8 82.8 248.3
158 98.7 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

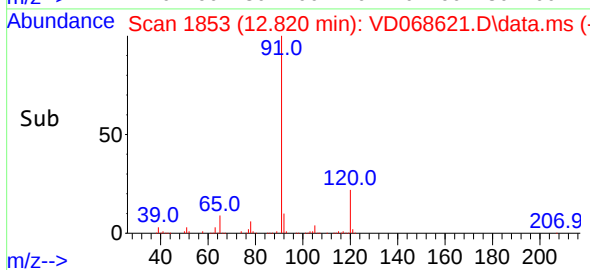
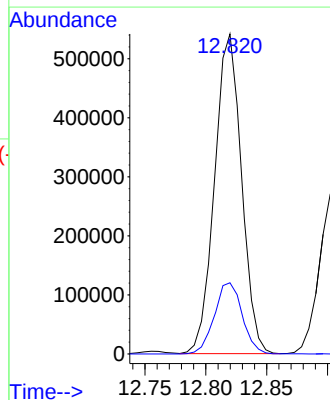
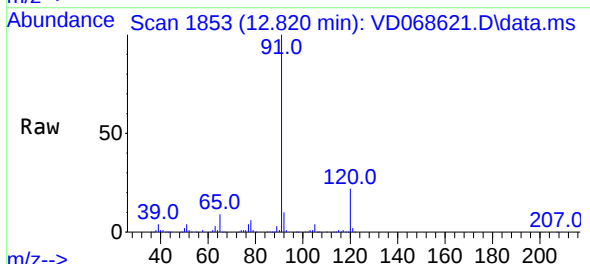
Manual Integrations
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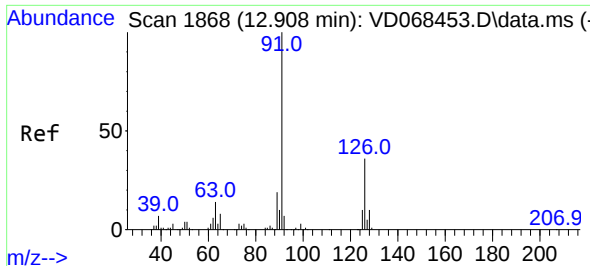
MMDadoda
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#78
n-propylbenzene
Concen: 43.75 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

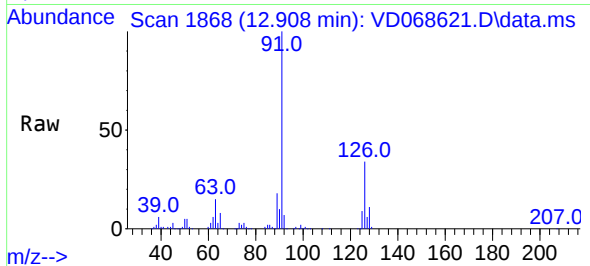
Tgt Ion: 91 Resp: 833523
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.0





#79
2-Chlorotoluene
Concen: 44.58 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

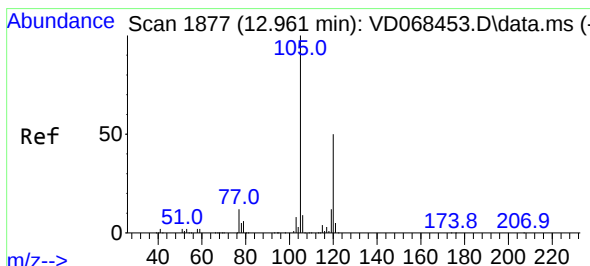
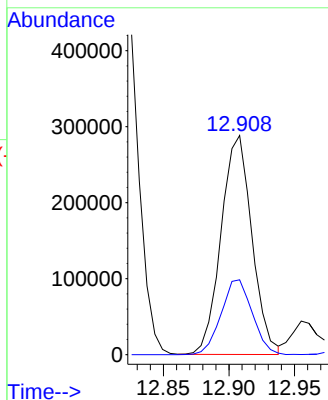
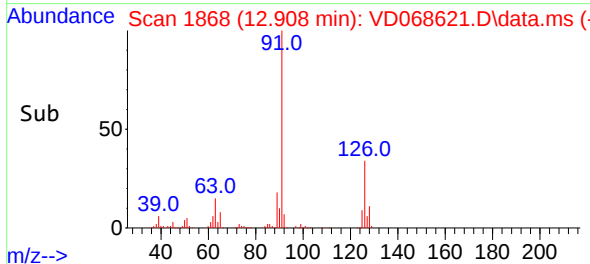
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



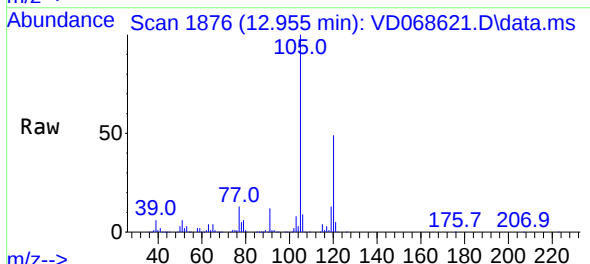
Tgt Ion: 91 Resp: 471388
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.5

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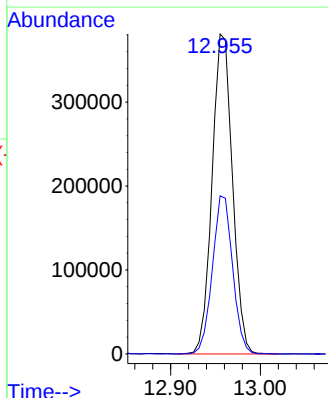
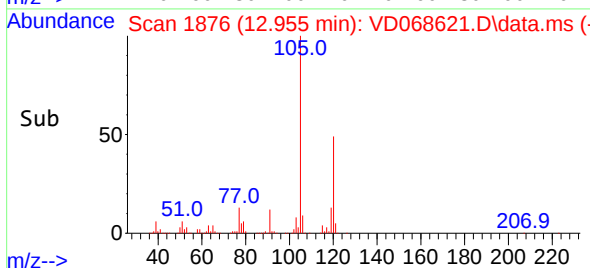
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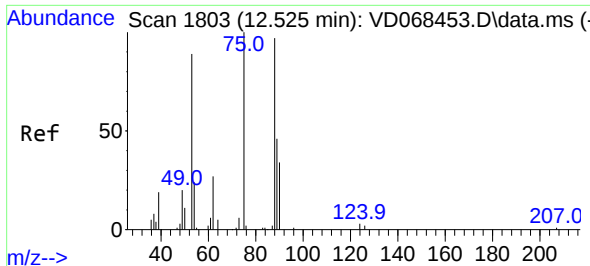


#80
1,3,5-Trimethylbenzene
Concen: 45.99 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



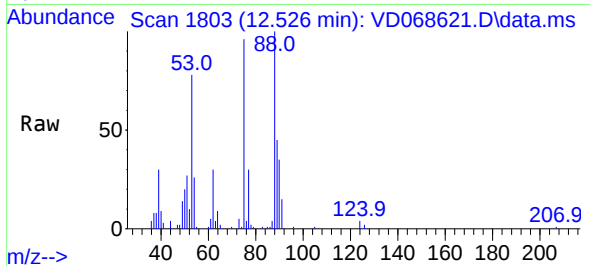
Tgt Ion: 105 Resp: 600989
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.70 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

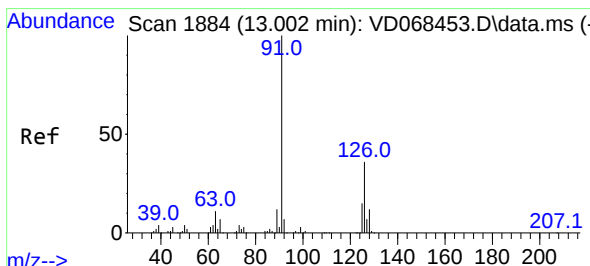
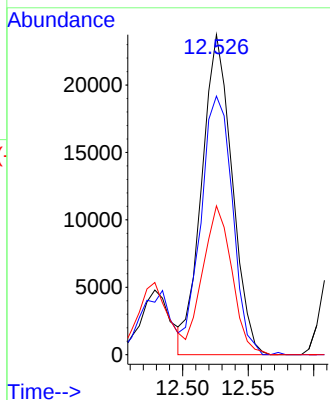
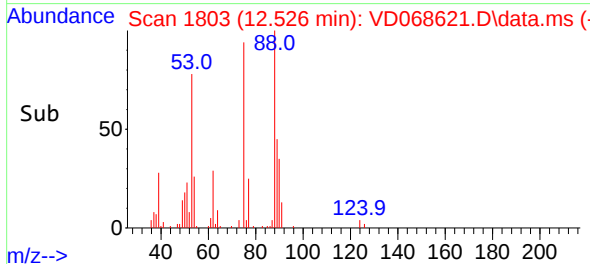
Instrument :
MSVOA_D
ClientSampleId :
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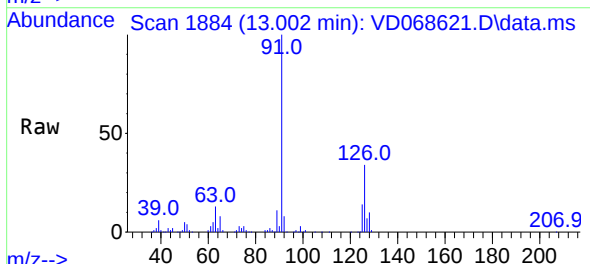
Tgt Ion: 75 Resp: 38191
Ion Ratio Lower Upper
75 100
53 84.0 70.2 105.2
89 44.5 40.3 60.5

Manual Integrations
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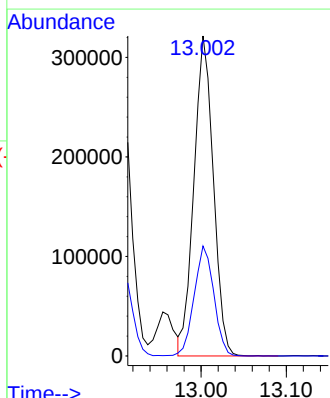
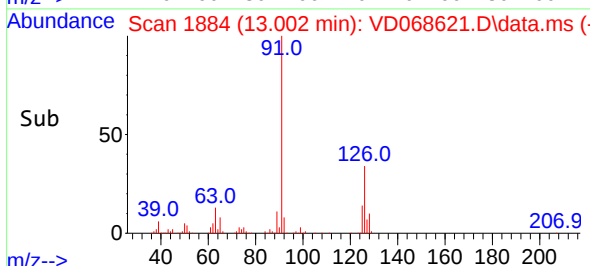
MMDadoda
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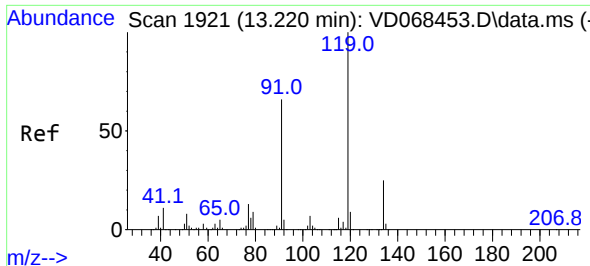


#82
4-Chlorotoluene
Concen: 45.66 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



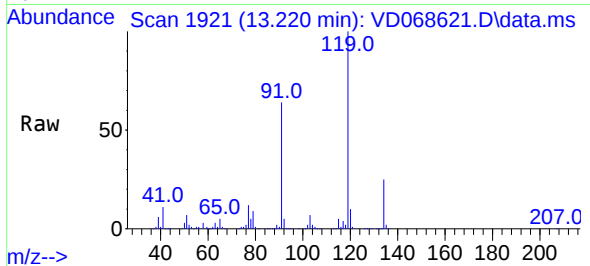
Tgt Ion: 91 Resp: 508005
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 45.73 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

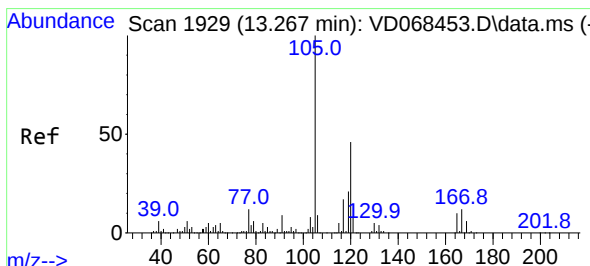
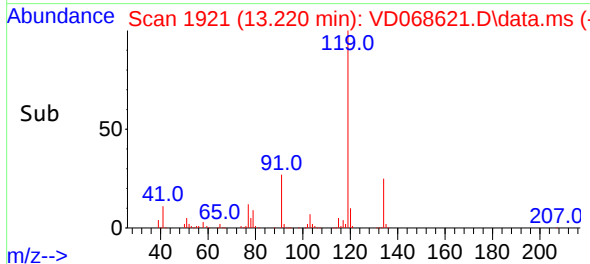
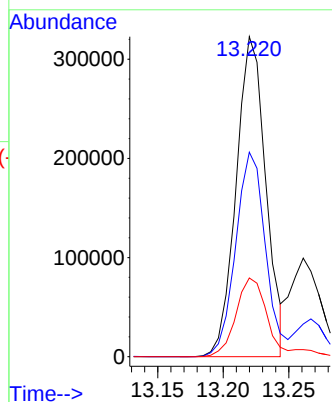
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



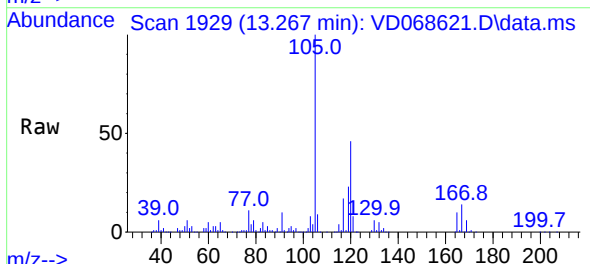
Tgt Ion:119 Resp: 508811
Ion Ratio Lower Upper
119 100
91 64.4 31.1 93.5
134 27.0 13.3 39.8

Manual Integrations
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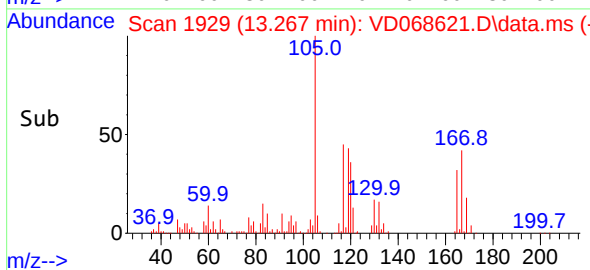
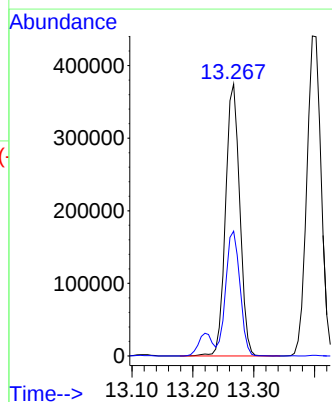
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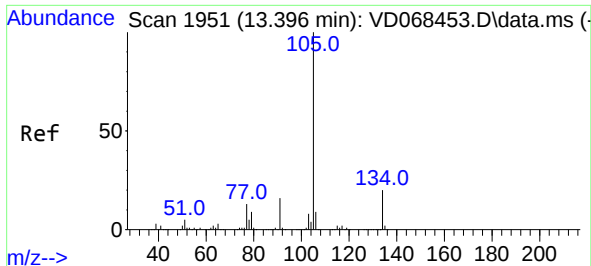


#84
1,2,4-Trimethylbenzene
Concen: 46.27 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



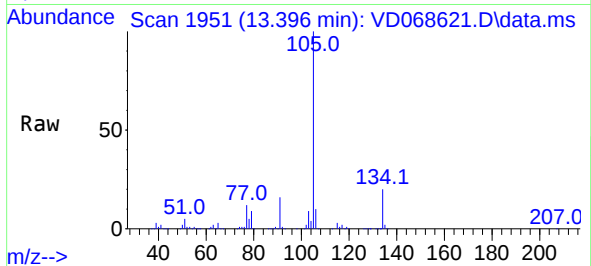
Tgt Ion:105 Resp: 605508
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0





#85
sec-Butylbenzene
Concen: 45.83 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

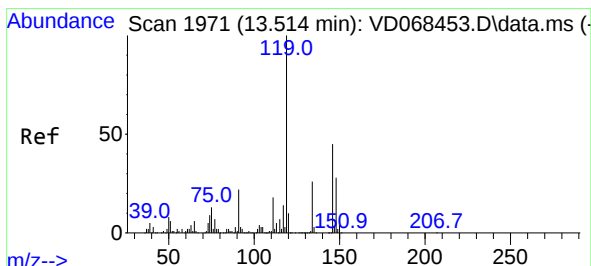
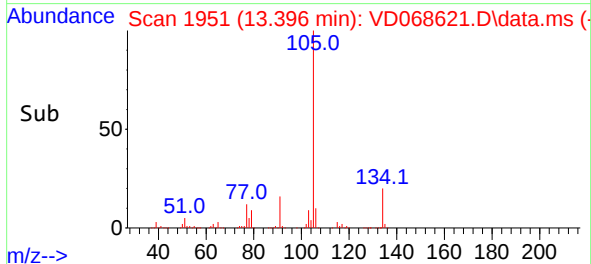
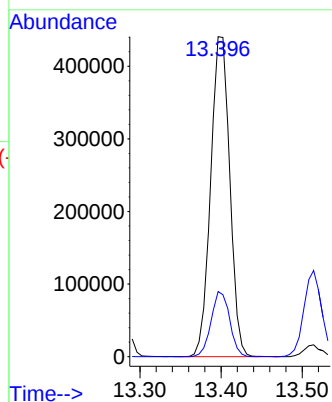
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



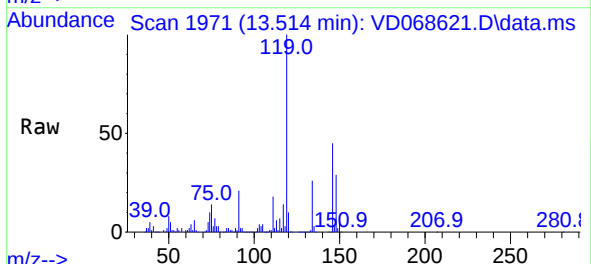
Tgt Ion:105 Resp: 720248
Ion Ratio Lower Upper
105 100
134 19.8 10.3 30.9

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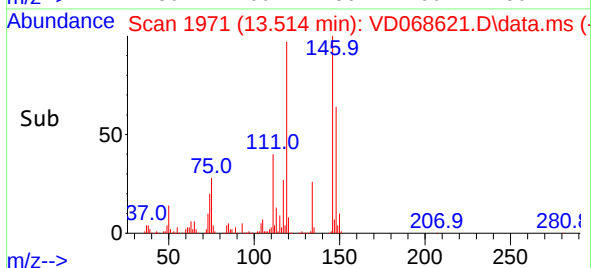
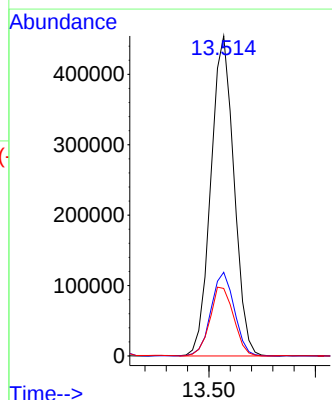
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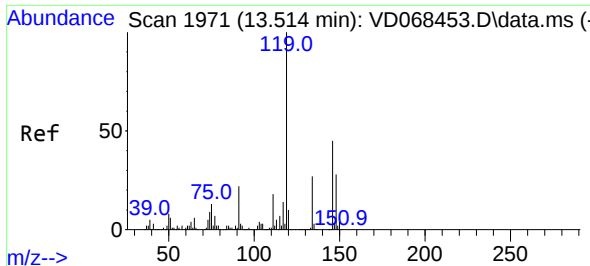


#86
p-Isopropyltoluene
Concen: 47.89 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion:119 Resp: 683252
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 22.2 11.7 35.0





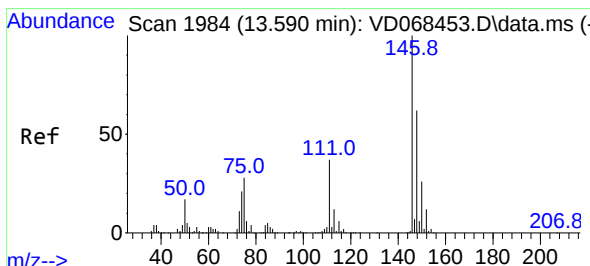
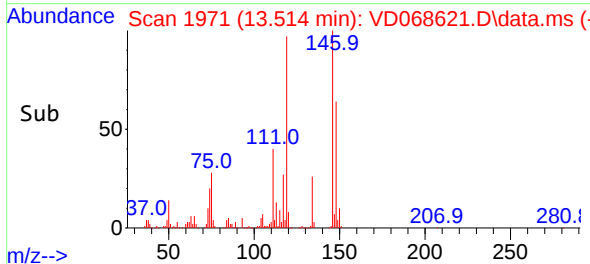
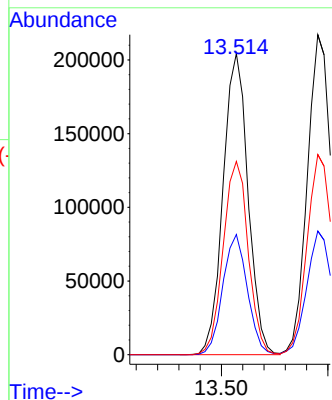
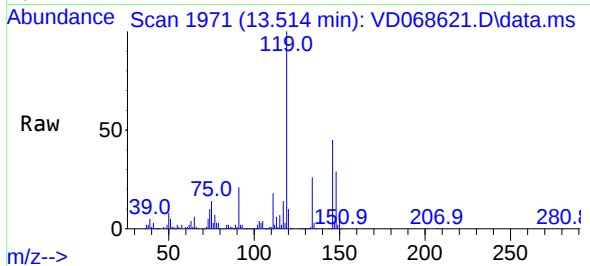
#87
1,3-Dichlorobenzene
Concen: 47.27 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:146 Resp: 332199
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 64.3 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

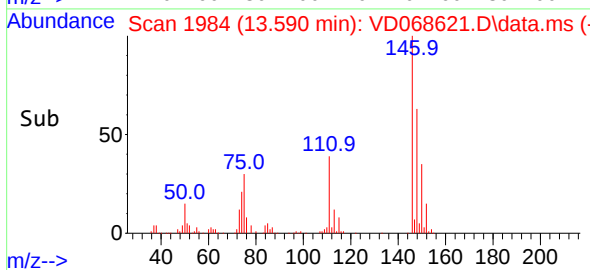
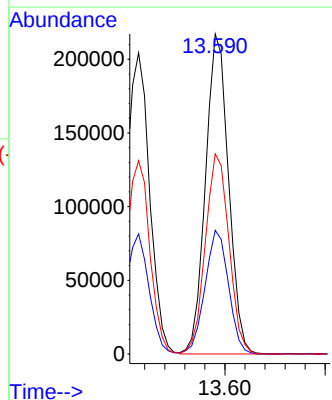
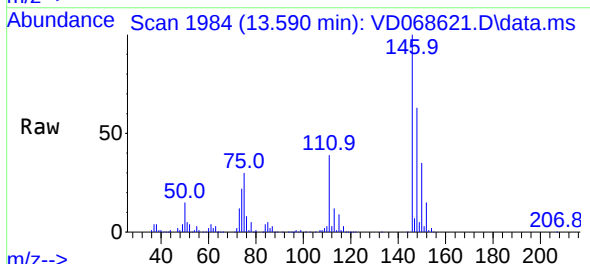
Manual Integrations
APPROVED

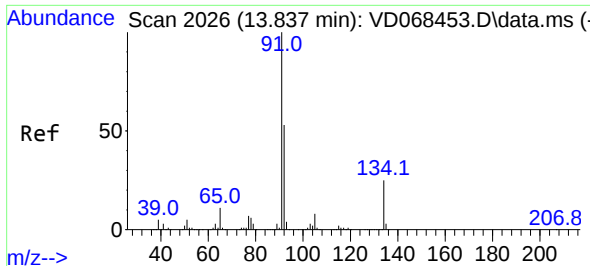
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#88
1,4-Dichlorobenzene
Concen: 49.77 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

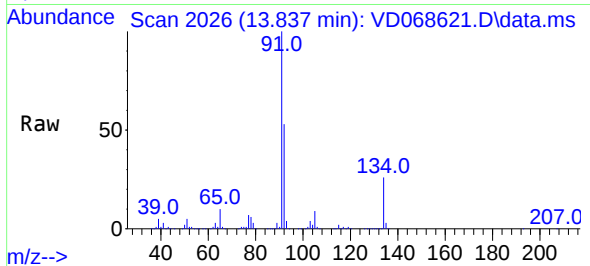
Tgt Ion:146 Resp: 346502
Ion Ratio Lower Upper
146 100
111 39.5 19.1 57.1
148 64.3 31.9 95.7





#89
n-Butylbenzene
Concen: 49.54 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

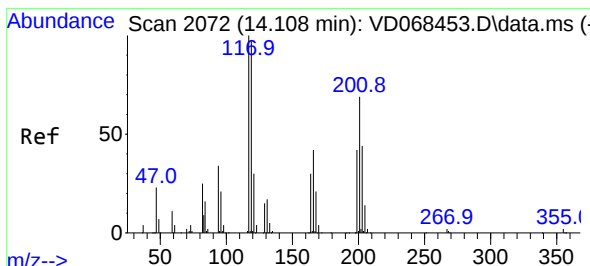
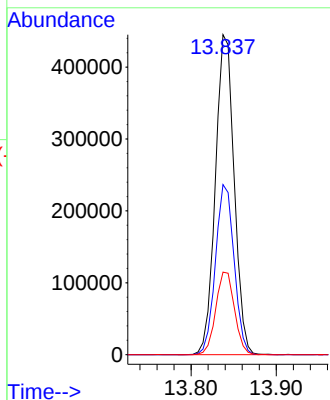
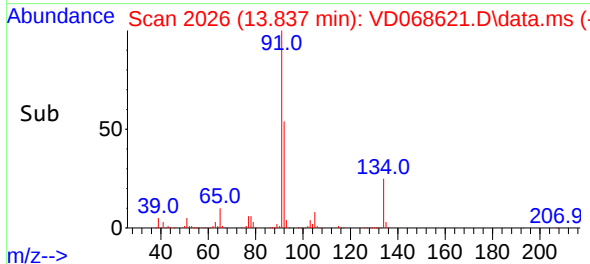
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



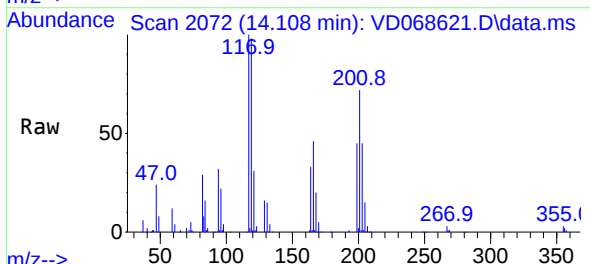
Tgt Ion: 91 Resp: 681674
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.6
134 25.8 13.9 41.7

Manual Integrations
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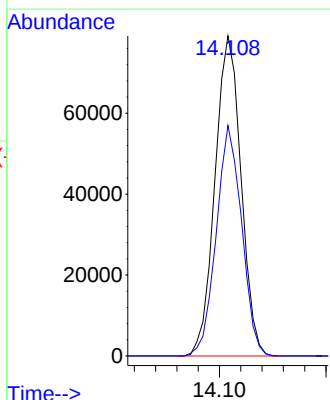
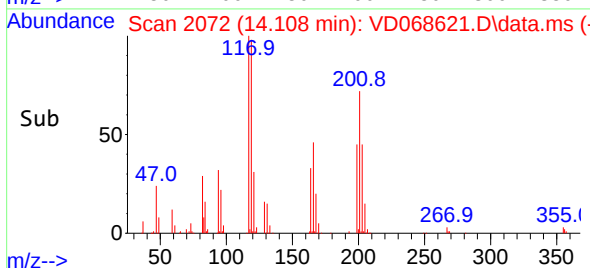
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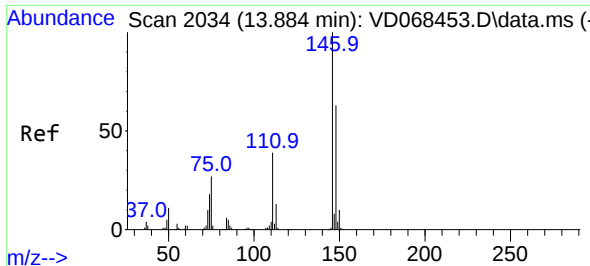


#90
Hexachloroethane
Concen: 47.33 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion: 117 Resp: 134183
Ion Ratio Lower Upper
117 100
201 70.3 39.5 118.5





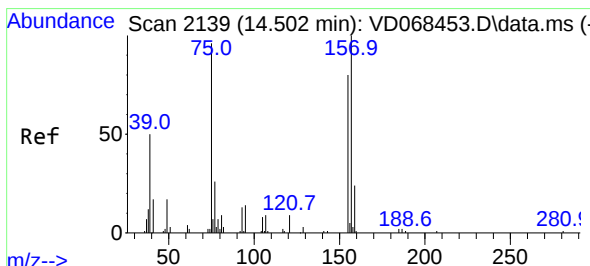
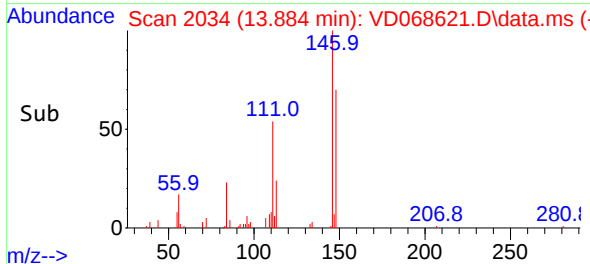
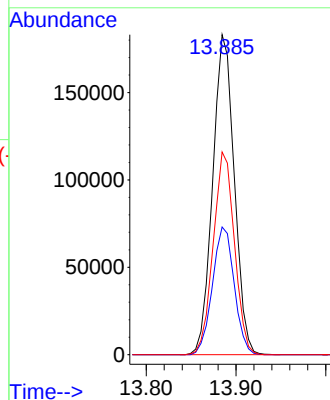
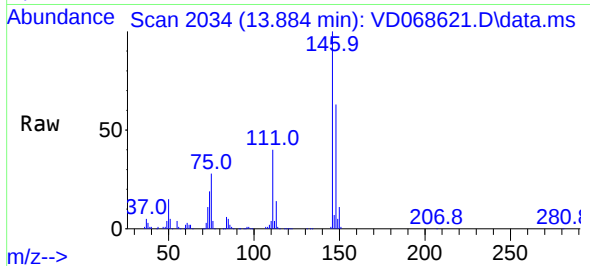
#91
1,2-Dichlorobenzene
Concen: 50.68 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:146 Resp: 305474
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 62.4 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

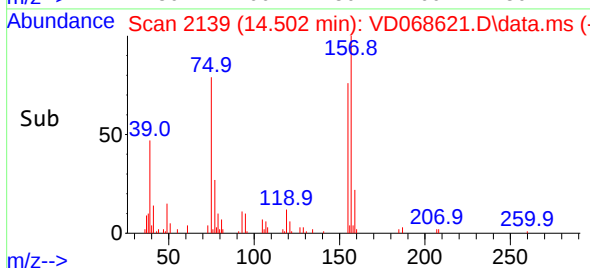
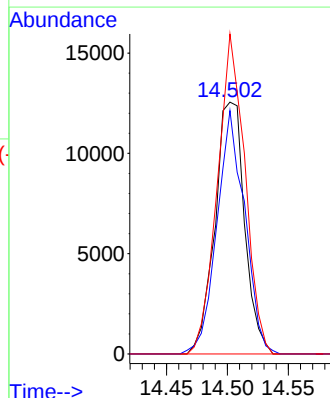
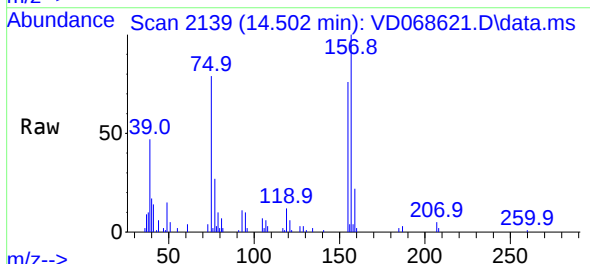
Manual Integrations
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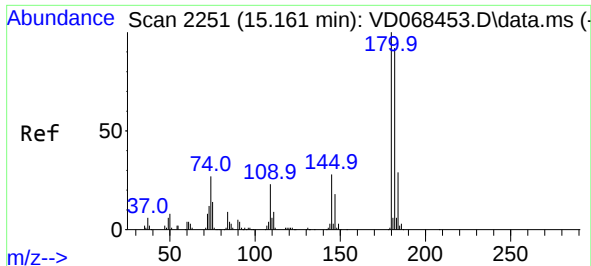
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#92
1,2-Dibromo-3-Chloropropane
Concen: 44.02 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion: 75 Resp: 21283
Ion Ratio Lower Upper
75 100
155 90.5 48.0 144.2
157 118.0 65.0 194.8





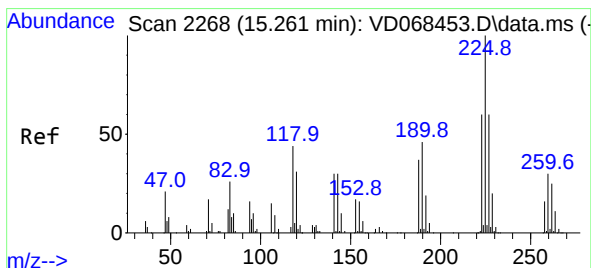
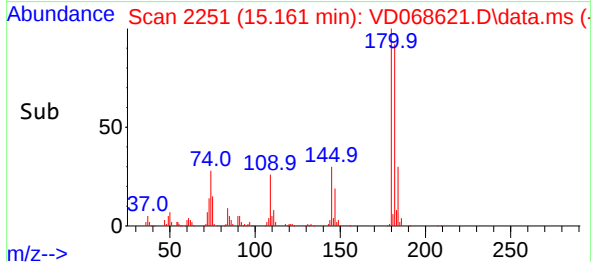
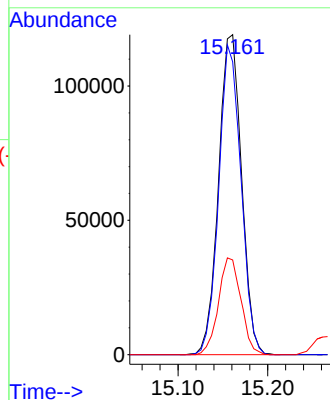
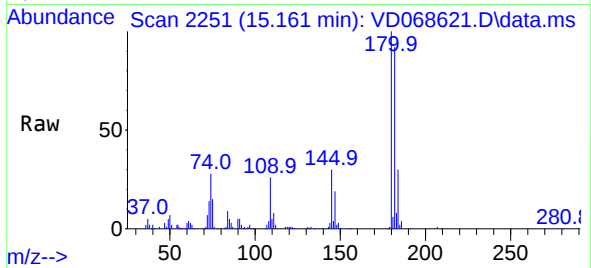
#93
1,2,4-Trichlorobenzene
Concen: 45.53 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:180 Resp: 211982
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.4
145 29.6 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

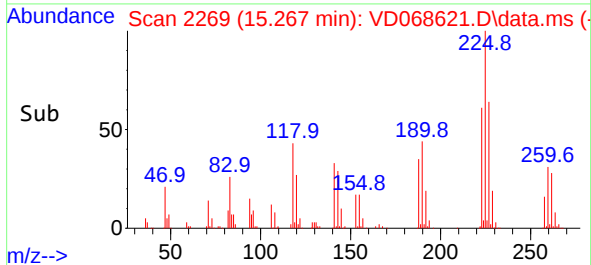
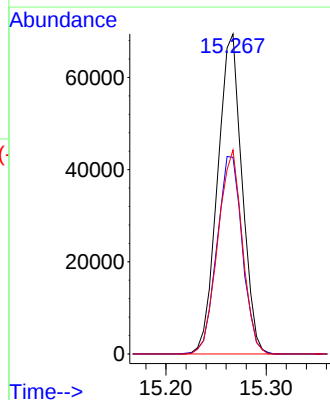
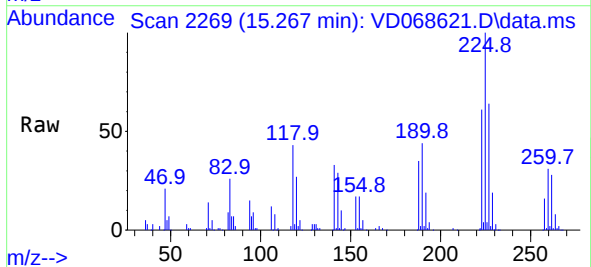
Manual Integrations
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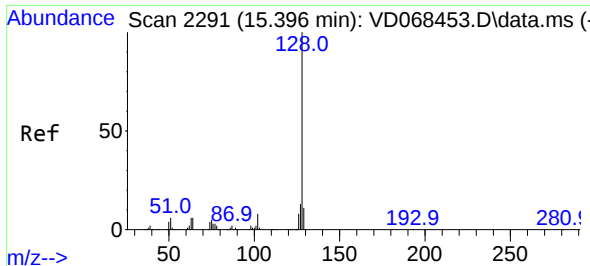
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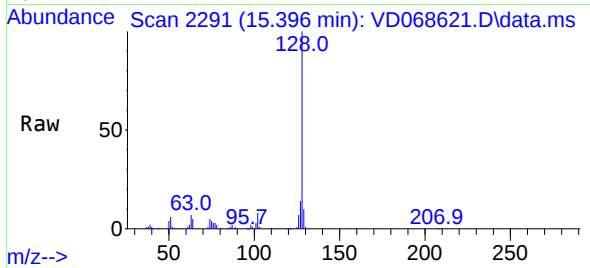
#94
Hexachlorobutadiene
Concen: 45.42 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45

Tgt Ion:225 Resp: 117359
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.5
227 63.8 32.1 96.5

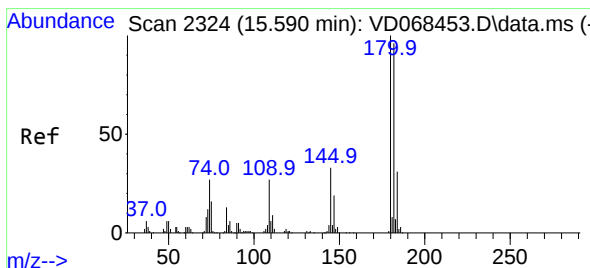
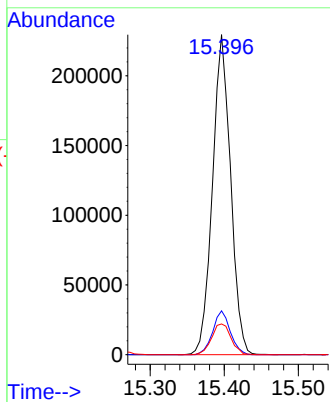
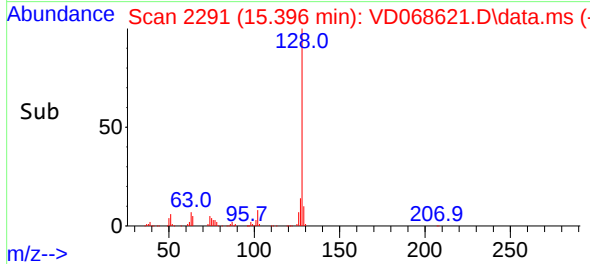




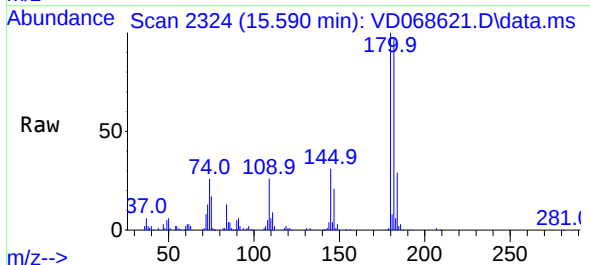
#95
Naphthalene
Concen: 46.22 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



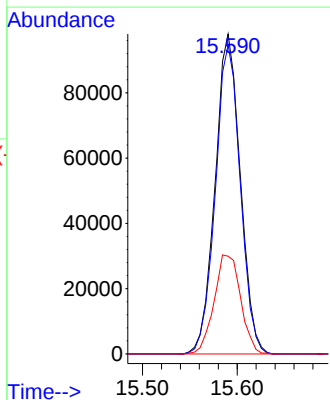
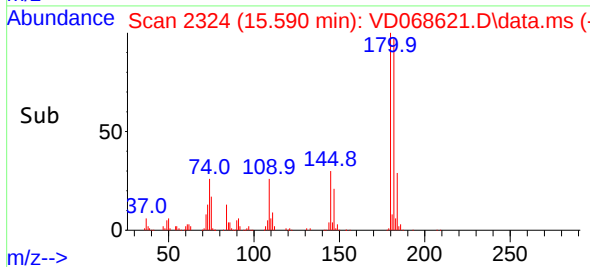
Tgt Ion:128 Resp: 389596
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.80 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068621.D
Acq: 15 Mar 2021 15:45



Tgt Ion:180 Resp: 180541
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.8
145 32.7 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/16/2021 10:11:23 AM