

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068408.D
 Acq On : 19 Feb 2021 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
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Quant Time: Feb 19 23:33:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	379966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	670657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	603458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	277051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206602	53.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.38%			
35) Dibromofluoromethane	7.914	113	216718	54.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.88%			
50) Toluene-d8	10.344	98	849627	51.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.98%			
62) 4-Bromofluorobenzene	12.632	95	275411	51.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.48%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	130682	37.53	ug/l	96
3) Chloromethane	2.209	50	163380	39.41	ug/l	98
4) Vinyl Chloride	2.350	62	204835	41.28	ug/l	98
5) Bromomethane	2.773	94	160947	45.38	ug/l	93
6) Chloroethane	2.926	64	143145	44.16	ug/l	98
7) Trichlorofluoromethane	3.273	101	257203	42.11	ug/l	99
8) Diethyl Ether	3.715	74	82503	45.99	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	159193	42.83	ug/l	96
10) Methyl Iodide	4.303	142	157207	45.04	ug/l	94
11) Tert butyl alcohol	5.220	59	61336	314.95	ug/l	96
12) 1,1-Dichloroethene	4.067	96	153914	42.59	ug/l	98
13) Acrolein	3.926	56	55121	247.52	ug/l	100
14) Allyl chloride	4.715	41	197944	42.13	ug/l	95
15) Acrylonitrile	5.426	53	172199	222.42	ug/l	99
16) Acetone	4.162	43	124233	207.30	ug/l	93
17) Carbon Disulfide	4.415	76	412378	39.40	ug/l	100
18) Methyl Acetate	4.720	43	70074	42.60	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	383910	47.08	ug/l	96
20) Methylene Chloride	4.967	84	223236	53.83	ug/l	91
21) trans-1,2-Dichloroethene	5.485	96	182417	43.61	ug/l	94
22) Diisopropyl ether	6.361	45	469749	45.18	ug/l	97
23) Vinyl Acetate	6.309	43	1214172	226.16	ug/l	99
24) 1,1-Dichloroethane	6.267	63	326022	45.83	ug/l	98
25) 2-Butanone	7.214	43	190485	227.33	ug/l	98
26) 2,2-Dichloropropane	7.208	77	264334	43.44	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	219881	46.25	ug/l	97
28) Bromochloromethane	7.550	49	151939	51.49	ug/l	86
29) Tetrahydrofuran	7.567	42	119213	219.94	ug/l	98
30) Chloroform	7.714	83	351300	47.47	ug/l	95
31) Cyclohexane	7.991	56	238184	40.87	ug/l	97
32) 1,1,1-Trichloroethane	7.908	97	289457	45.27	ug/l	96
36) 1,1-Dichloropropene	8.114	75	247412	41.70	ug/l	97
37) Ethyl Acetate	7.291	43	88489	44.14	ug/l	97
38) Carbon Tetrachloride	8.097	117	245318	43.35	ug/l	97
39) Methylcyclohexane	9.355	83	287438	39.50	ug/l	96
40) Benzene	8.355	78	746107	44.09	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	63019m	54.61	ug/l	
42) 1,2-Dichloroethane	8.426	62	208596	46.21	ug/l	99
43) Isopropyl Acetate	8.456	43	167471	43.62	ug/l	99
44) Trichloroethene	9.114	130	208418	45.25	ug/l	98
45) 1,2-Dichloropropane	9.385	63	187327	45.36	ug/l	94
46) Dibromomethane	9.479	93	104477	46.64	ug/l	93
47) Bromodichloromethane	9.667	83	271350	46.72	ug/l	97
48) Methyl methacrylate	9.455	41	80330	41.93	ug/l #	83
49) 1,4-Dioxane	9.461	88	24680	942.98	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	440418	223.36	ug/l	100
52) Toluene	10.402	92	494755	45.47	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	248579	46.25	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	299612	45.62	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	149356	48.26	ug/l	94
56) Ethyl methacrylate	10.661	69	168500	45.89	ug/l	98
57) 1,3-Dichloropropane	10.949	76	246273	45.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	476758	242.48	ug/l	95
59) 2-Hexanone	10.985	43	297200	222.97	ug/l	100
60) Dibromochloromethane	11.144	129	185207	48.23	ug/l	97
61) 1,2-Dibromoethane	11.249	107	140194	46.88	ug/l	98
64) Tetrachloroethene	10.879	164	167191	45.02	ug/l	96
65) Chlorobenzene	11.673	112	537769	46.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	193180	47.72	ug/l	98
67) Ethyl Benzene	11.744	91	947314	45.54	ug/l	96
68) m/p-Xylenes	11.855	106	715879	91.05	ug/l	99
69) o-Xylene	12.179	106	337162	46.74	ug/l	95
70) Styrene	12.196	104	591501	47.14	ug/l	99
71) Bromoform	12.361	173	100892	48.50	ug/l #	98
73) Isopropylbenzene	12.479	105	909772	44.96	ug/l	99
74) N-amyl acetate	12.291	43	158499	44.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	159516	45.49	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	114230m	43.33	ug/l	
77) Bromobenzene	12.761	156	207143	45.82	ug/l	92
78) n-propylbenzene	12.820	91	1063665	43.91	ug/l	98
79) 2-Chlorotoluene	12.908	91	598233	44.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	752475	45.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	47284	44.96	ug/l	95
82) 4-Chlorotoluene	13.002	91	631253	44.50	ug/l	98
83) tert-Butylbenzene	13.220	119	656572	45.77	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	756426	45.91	ug/l	98
85) sec-Butylbenzene	13.402	105	885738	44.15	ug/l	99
86) p-Isopropyltoluene	13.514	119	814590	45.22	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	396181	45.30	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	394290	45.31	ug/l	99
89) n-Butylbenzene	13.843	91	762401	43.38	ug/l	98
90) Hexachloroethane	14.108	117	149824	45.81	ug/l	93
91) 1,2-Dichlorobenzene	13.890	146	346362	45.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	23918	46.65	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	231711	46.65	ug/l	98
94) Hexachlorobutadiene	15.267	225	126313	46.23	ug/l	98
95) Naphthalene	15.396	128	432750	46.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	198894	45.90	ug/l	98

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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

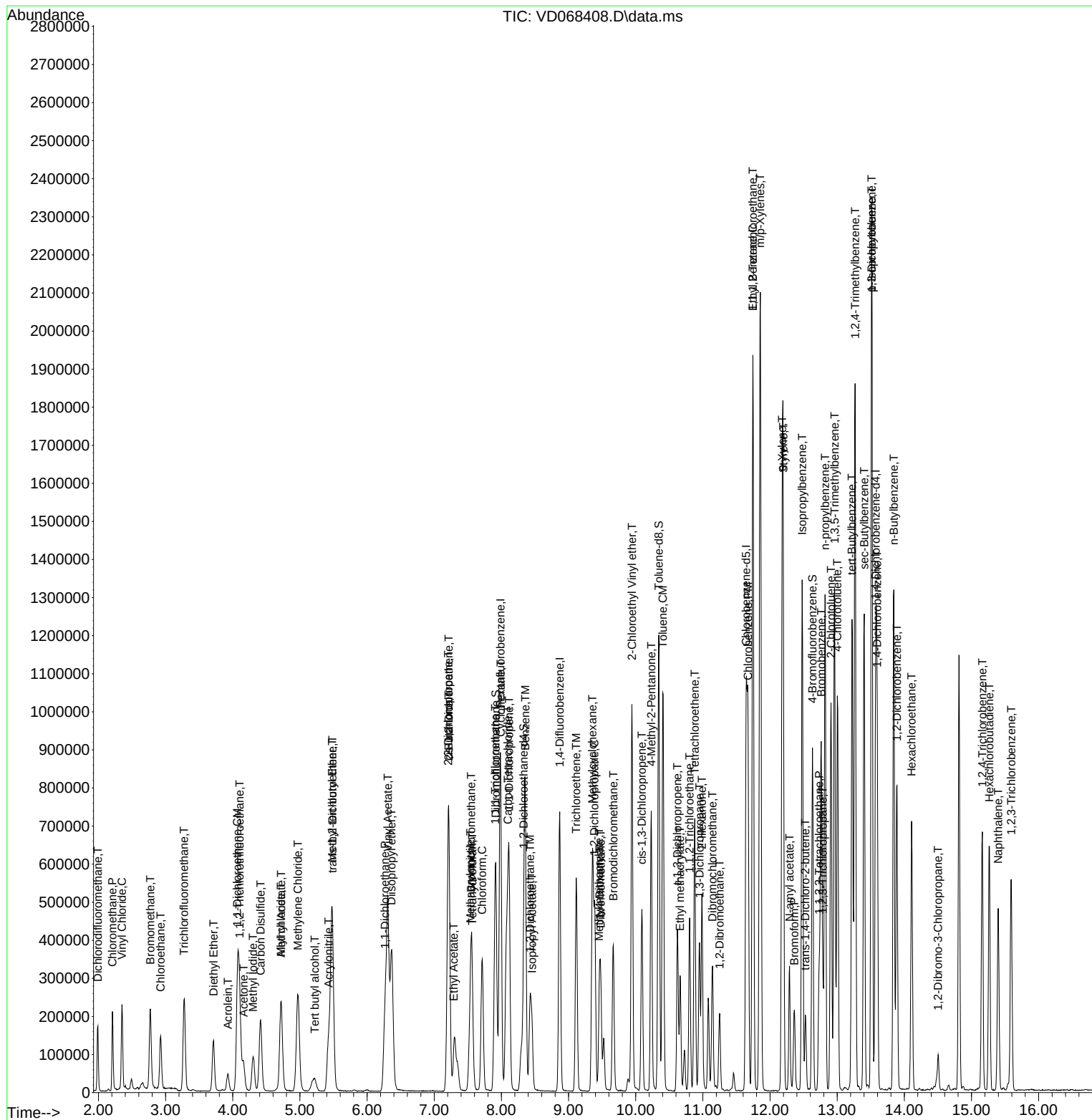
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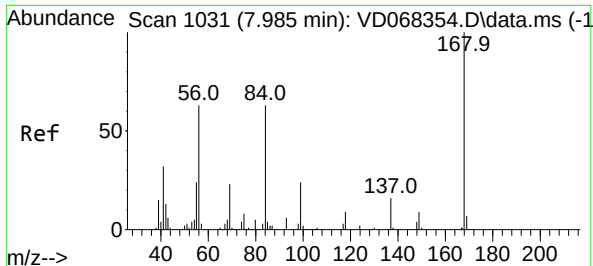
Instrument :
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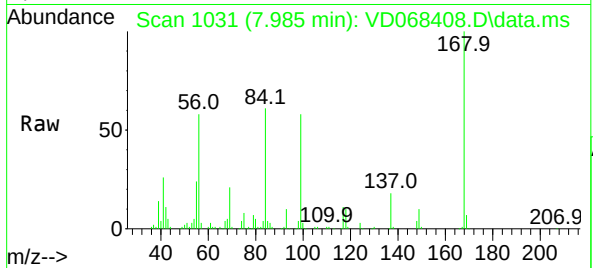
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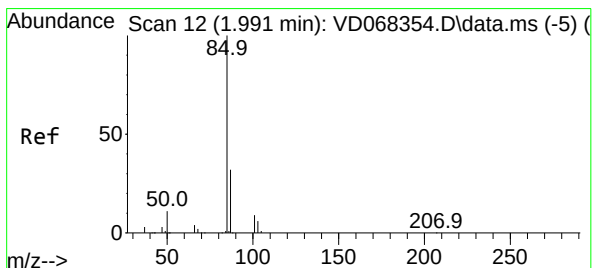
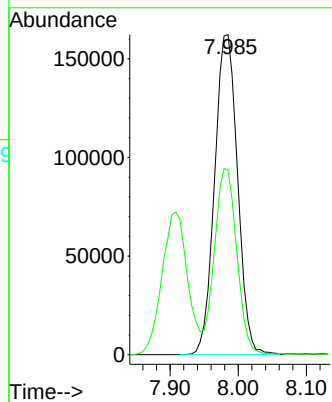
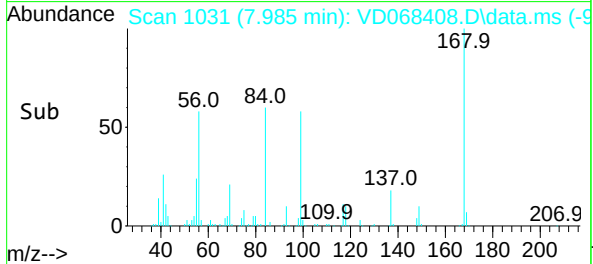




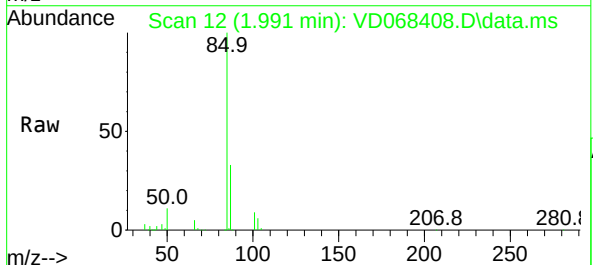
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068408.D
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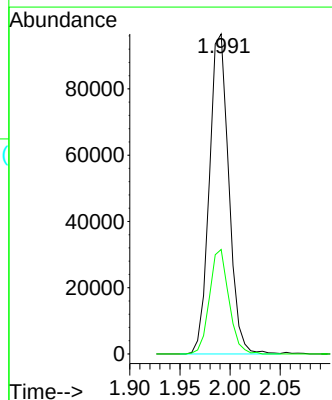
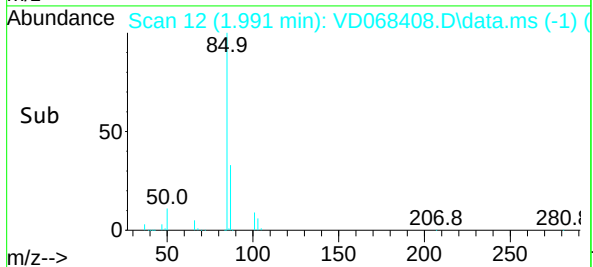
Tgt Ion: 168 Resp: 379966
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 37.53 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



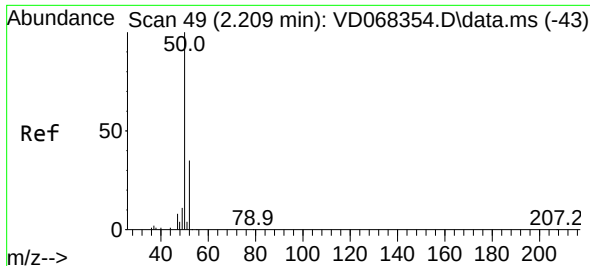
Tgt Ion: 85 Resp: 130682
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.1



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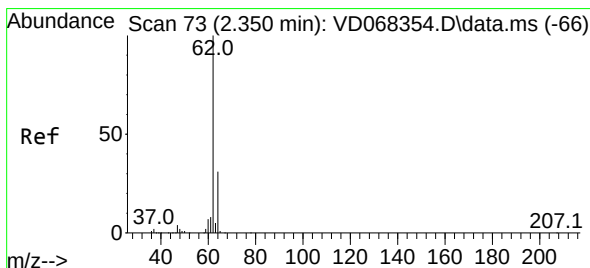
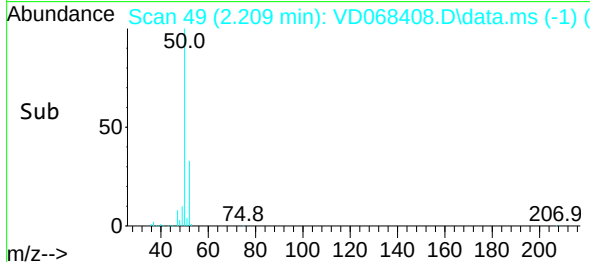
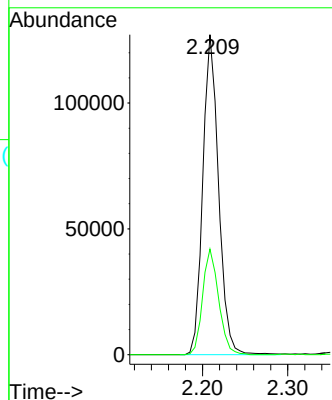
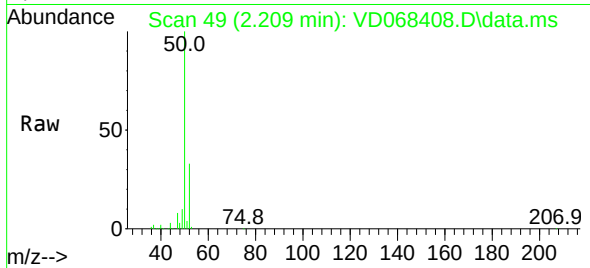
#3
Chloromethane
Concen: 39.41 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 50 Resp: 163380
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

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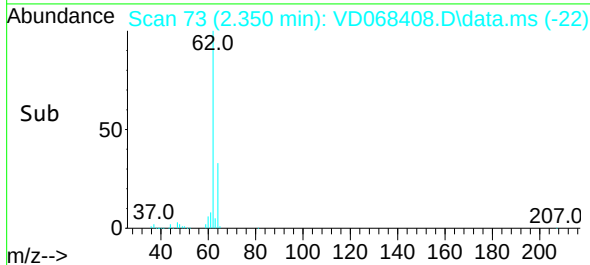
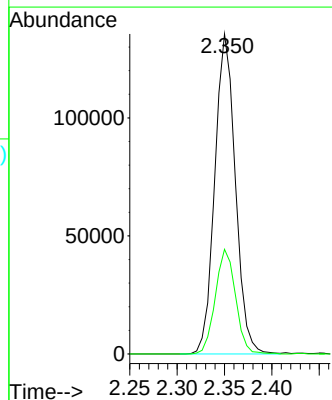
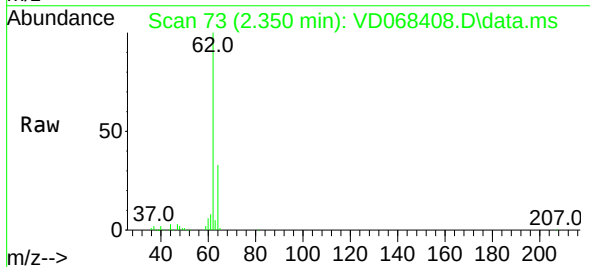
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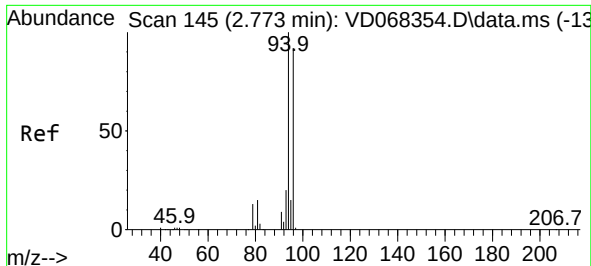
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#4
Vinyl Chloride
Concen: 41.28 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

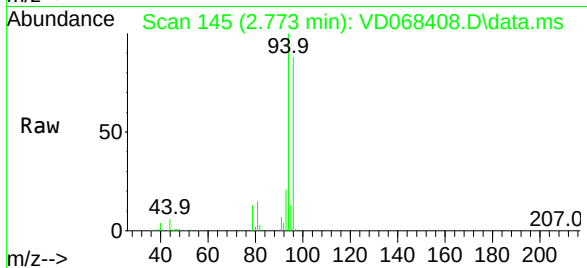
Tgt Ion: 62 Resp: 204835
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 45.38 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

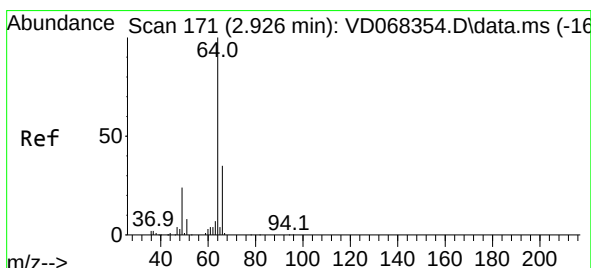
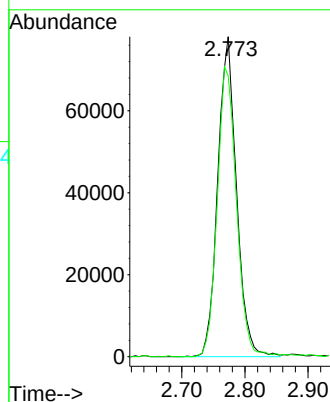
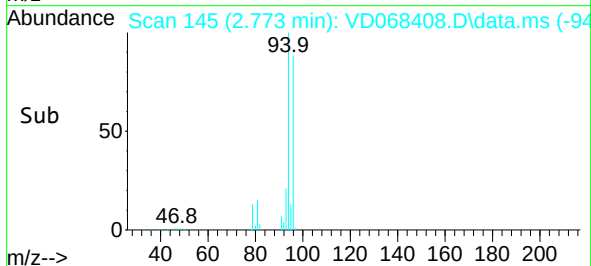
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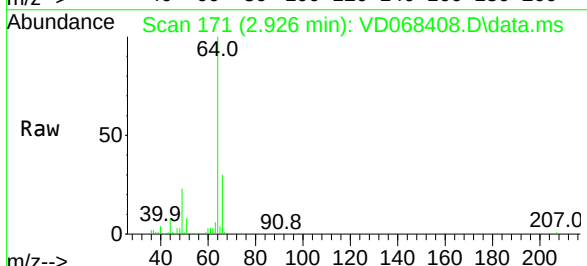
Tgt Ion: 94 Resp: 160947
Ion Ratio Lower Upper
94 100
96 87.8 75.8 113.8

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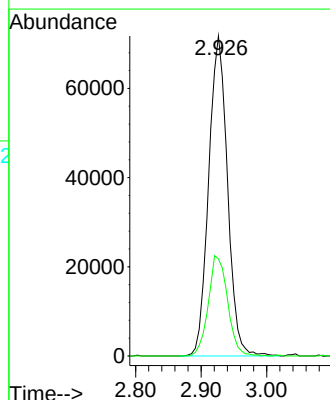
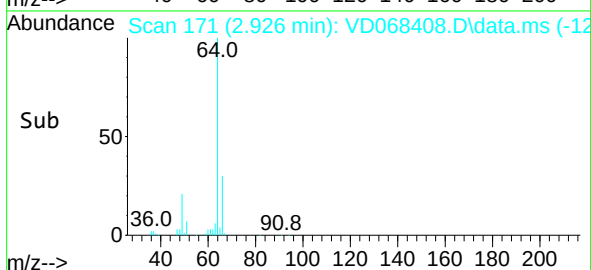
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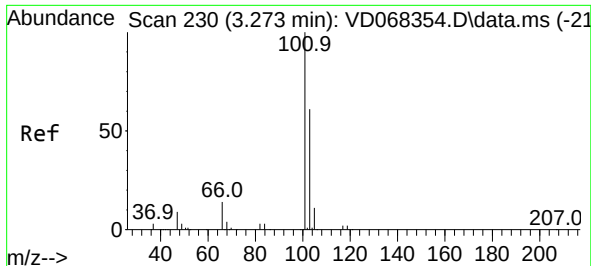


#6
Chloroethane
Concen: 44.16 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



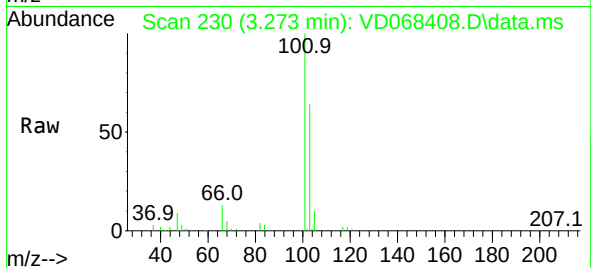
Tgt Ion: 64 Resp: 143145
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7



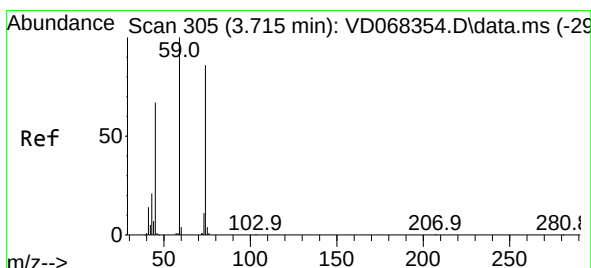
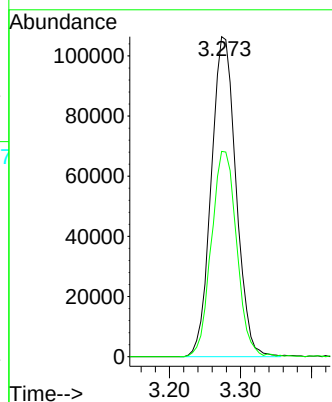
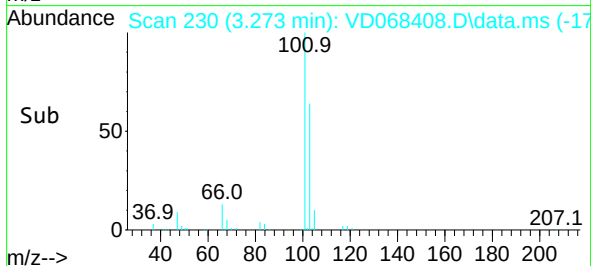


#7
Trichlorofluoromethane
Concen: 42.11 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068408.D
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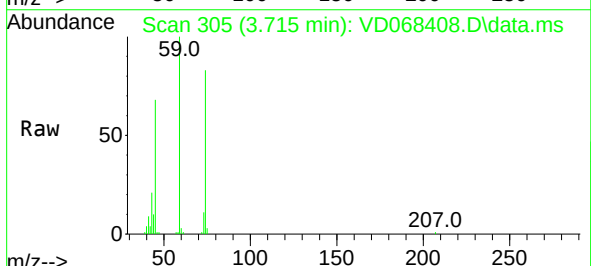
Instrument :
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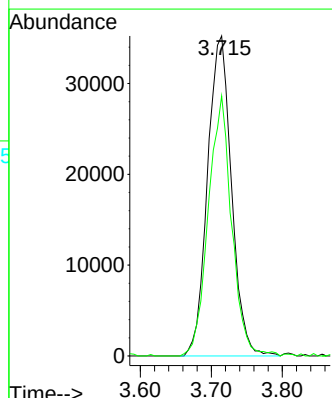
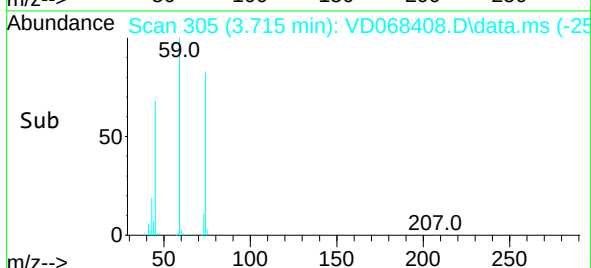
Tgt Ion:101 Resp: 257203
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

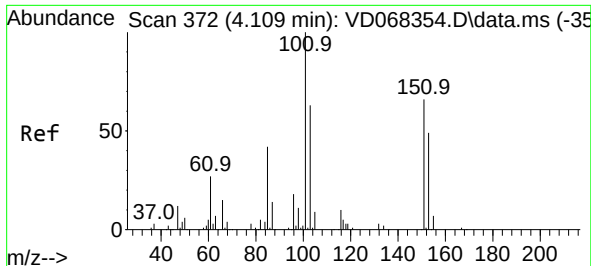


#8
Diethyl Ether
Concen: 45.99 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068408.D
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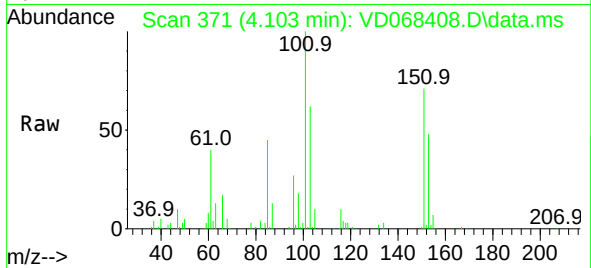


Tgt Ion: 74 Resp: 82503
Ion Ratio Lower Upper
74 100
45 79.3 42.1 126.4

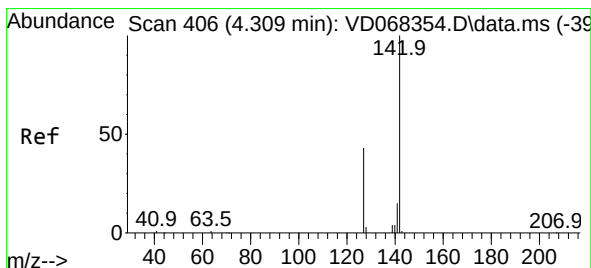
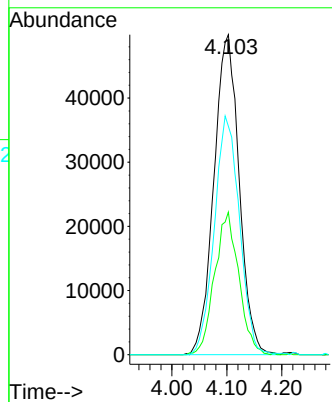
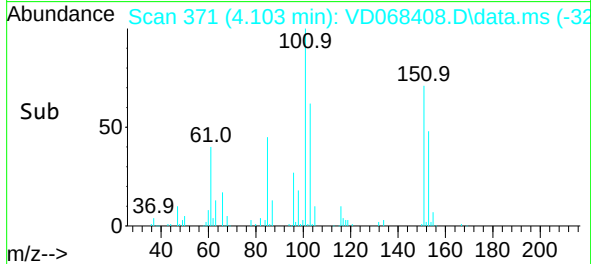




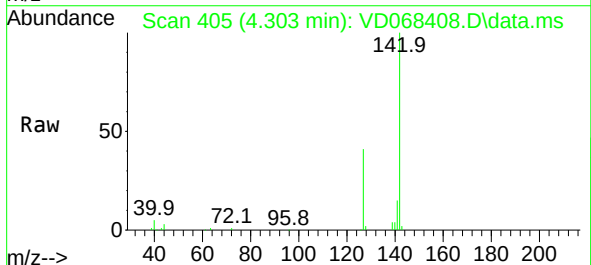
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.83 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



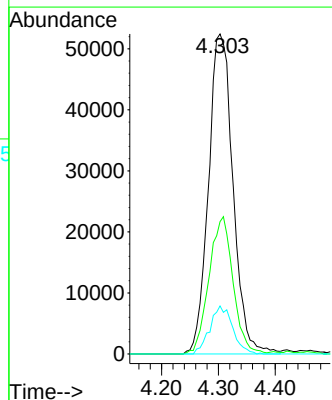
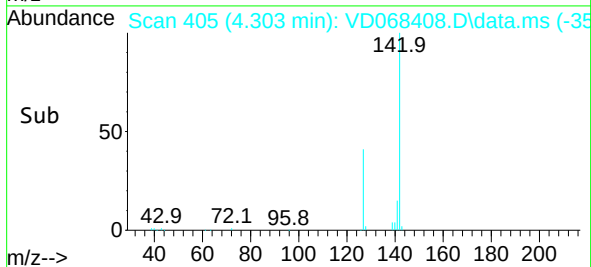
Tgt Ion:101 Resp: 159193
Ion Ratio Lower Upper
101 100
85 42.6 34.0 51.0
151 74.3 64.1 96.1



#10
Methyl Iodide
Concen: 45.04 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



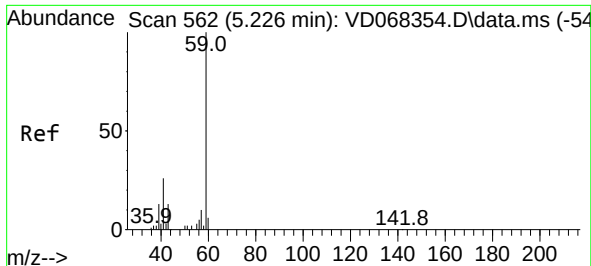
Tgt Ion:142 Resp: 157207
Ion Ratio Lower Upper
142 100
127 42.0 37.9 56.9
141 14.0 11.5 17.3



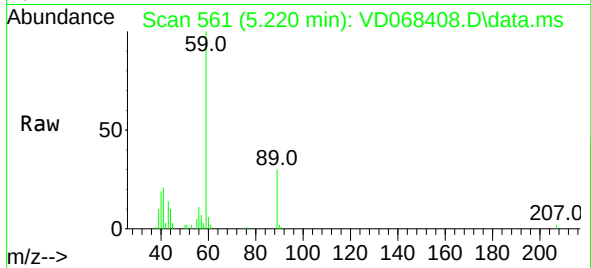
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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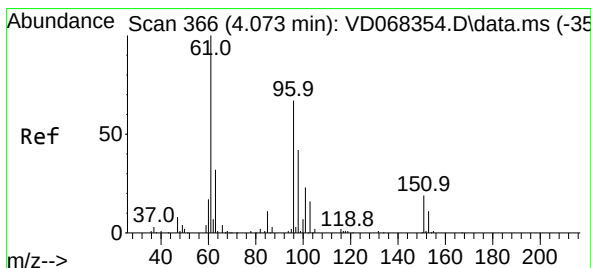
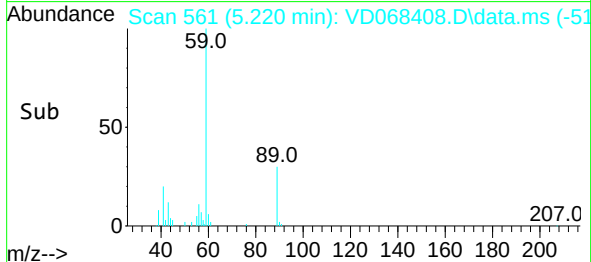
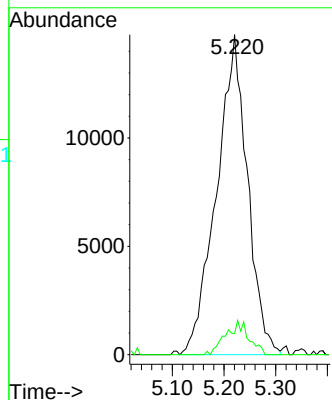
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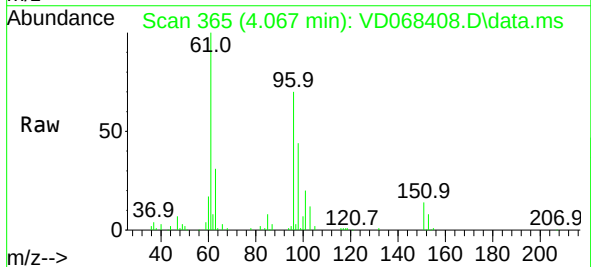
#11
Tert butyl alcohol
Concen: 314.95 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



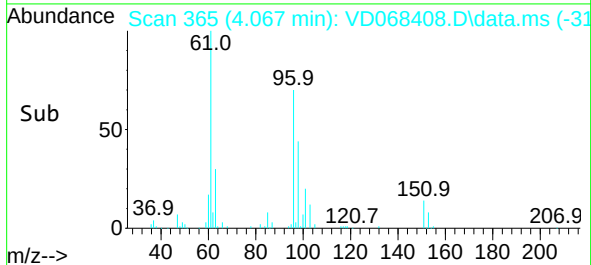
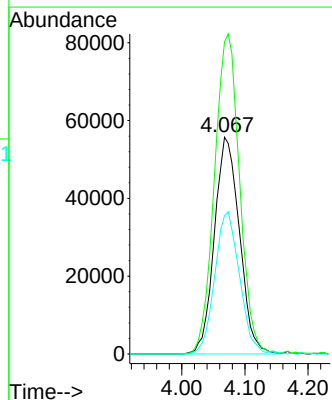
Tgt Ion: 59 Resp: 61336
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.2



#12
1,1-Dichloroethene
Concen: 42.59 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



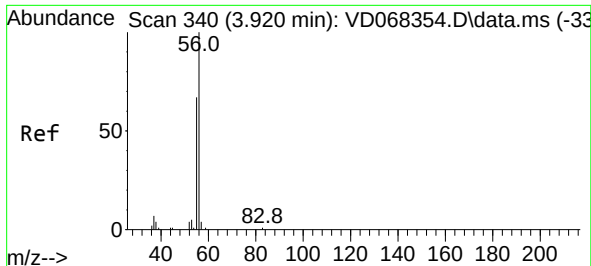
Tgt Ion: 96 Resp: 153914
Ion Ratio Lower Upper
96 100
61 143.9 116.2 174.4
98 63.8 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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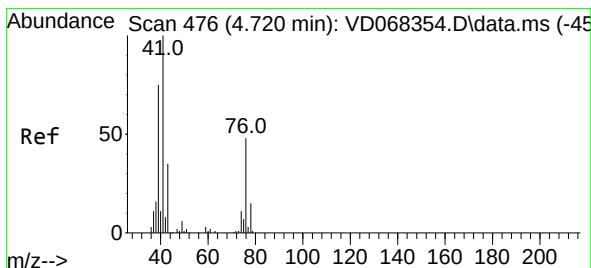
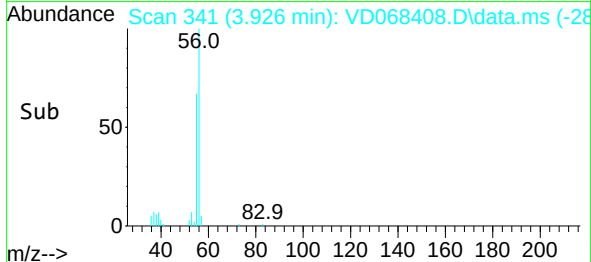
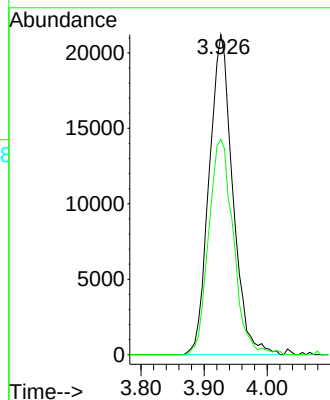
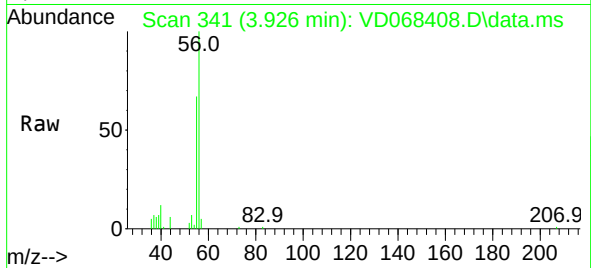
#13
Acrolein
Concen: 247.52 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 56 Resp: 55121
Ion Ratio Lower Upper
56 100
55 70.4 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

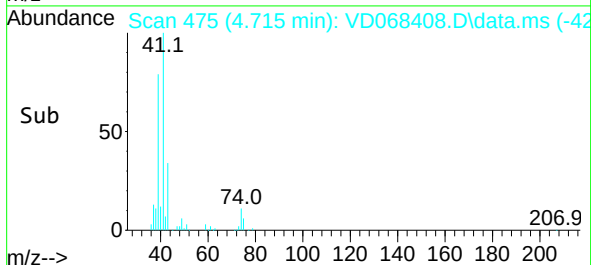
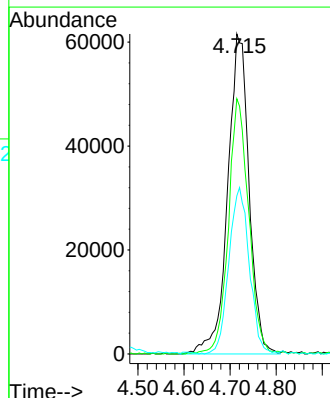
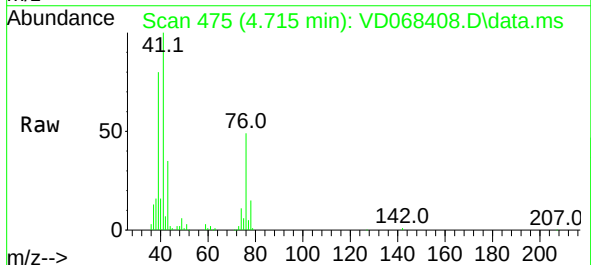
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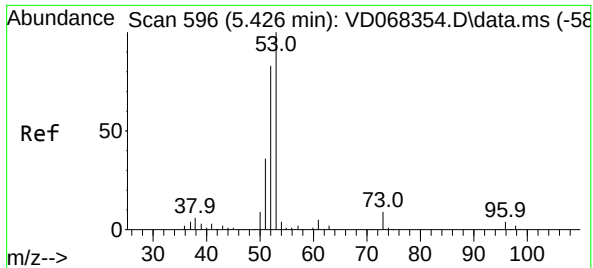
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#14
Allyl chloride
Concen: 42.13 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

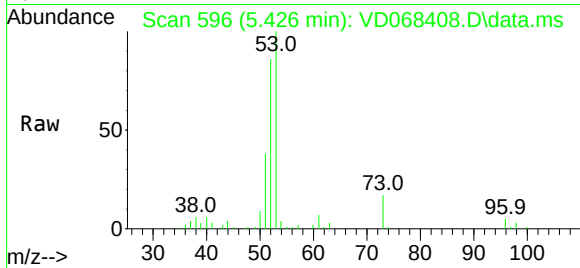
Tgt Ion: 41 Resp: 197944
Ion Ratio Lower Upper
41 100
39 75.9 56.3 84.5
76 49.7 38.9 58.3





#15
Acrylonitrile
Concen: 222.42 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

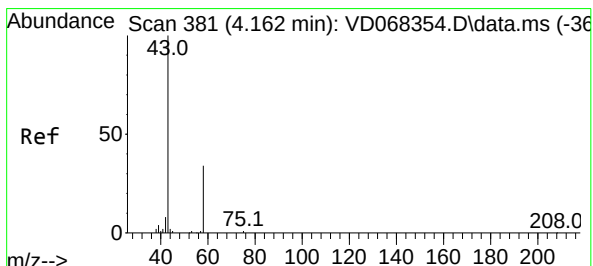
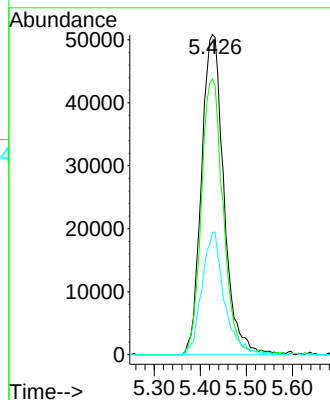
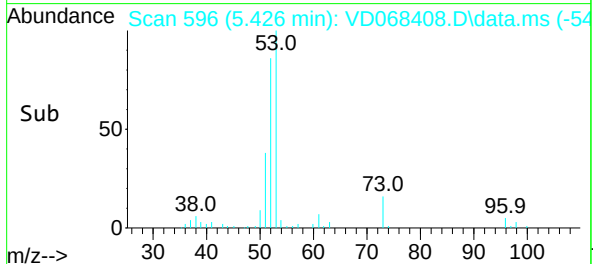
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



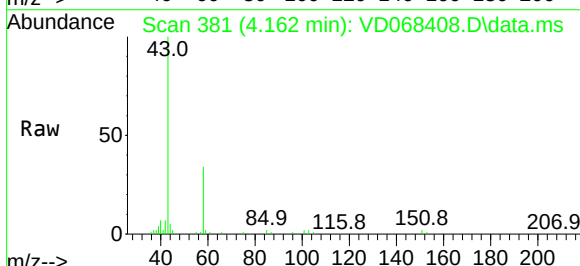
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	37.8	29.0	43.4

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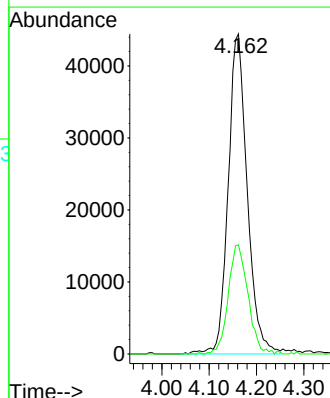
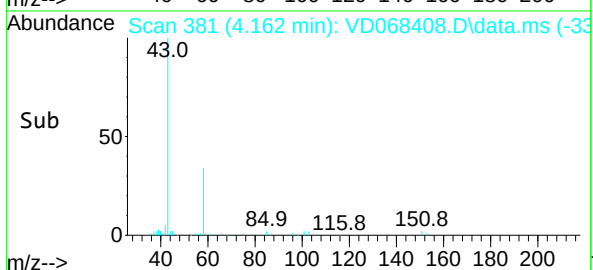
MMDadoda
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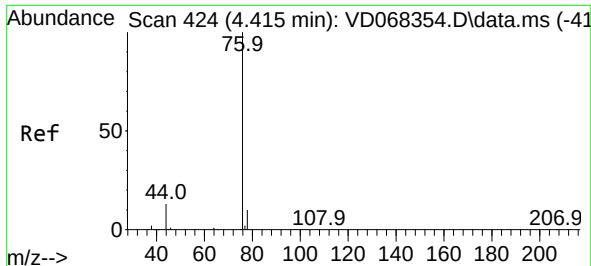


#16
Acetone
Concen: 207.30 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



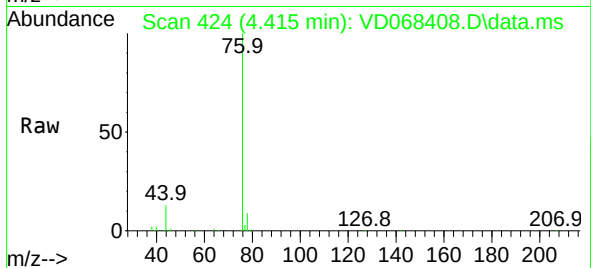
Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	24.2	36.4



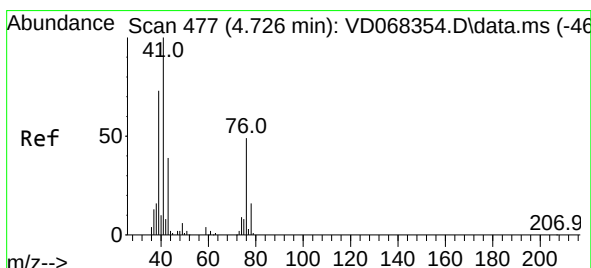
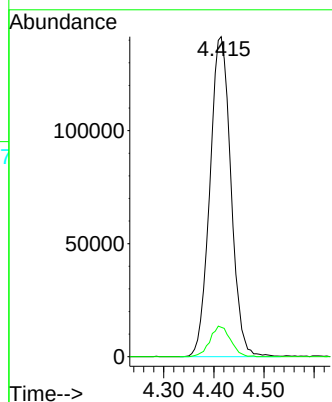
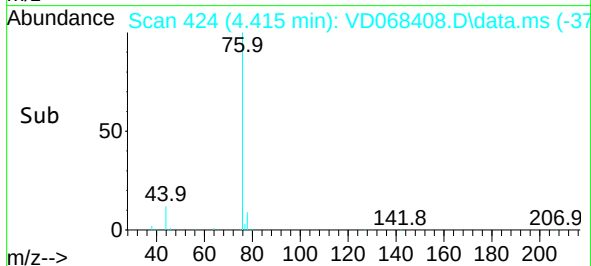


#17
Carbon Disulfide
Concen: 39.40 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

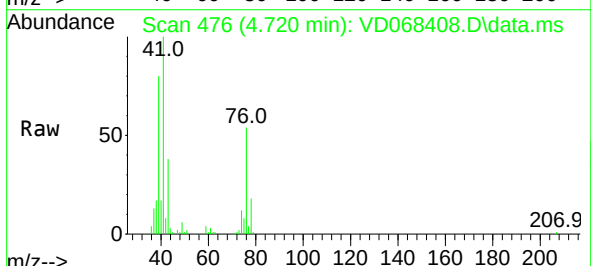
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



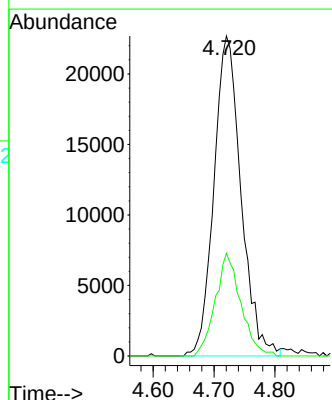
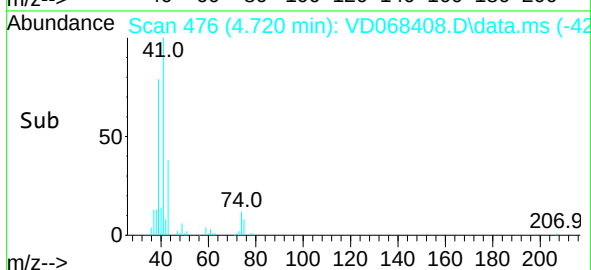
Tgt Ion: 76 Resp: 412378
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

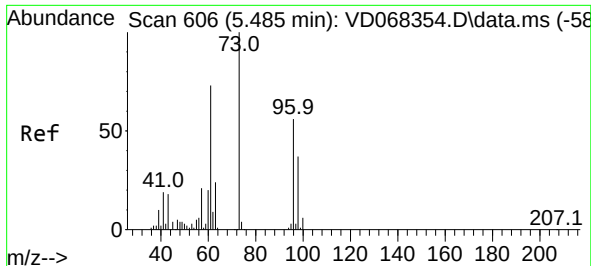


#18
Methyl Acetate
Concen: 42.60 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



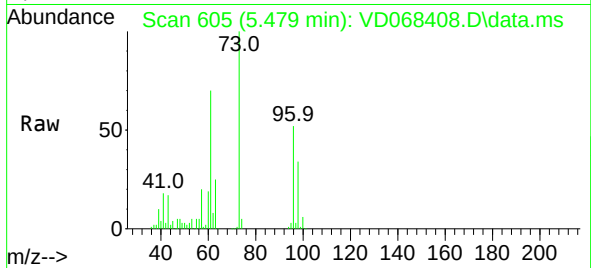
Tgt Ion: 43 Resp: 70074
Ion Ratio Lower Upper
43 100
74 30.1 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 47.08 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

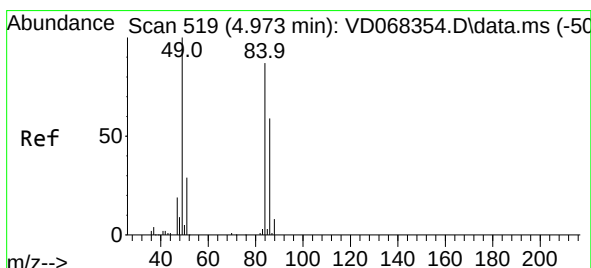
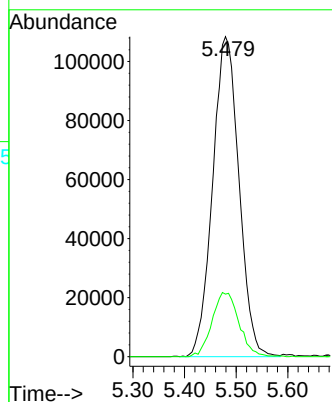
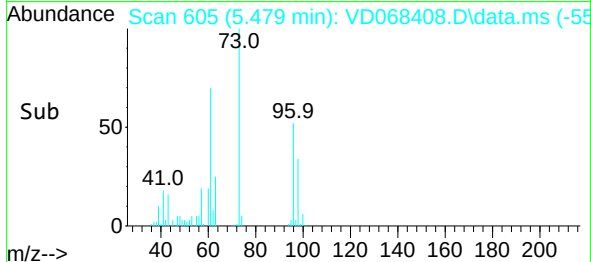
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



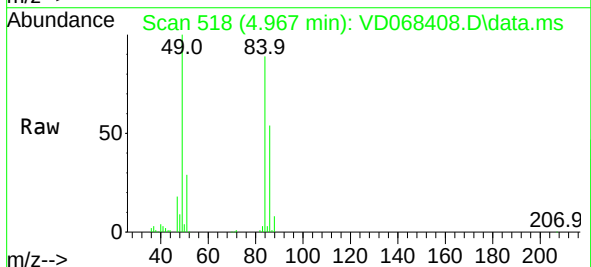
Tgt Ion: 73 Resp: 383910
Ion Ratio Lower Upper
73 100
57 19.6 14.4 21.6

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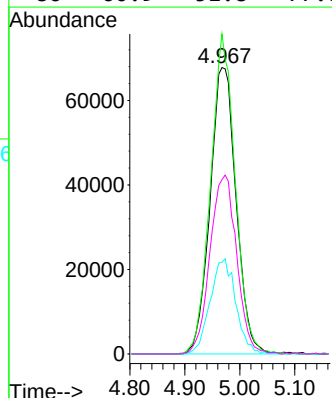
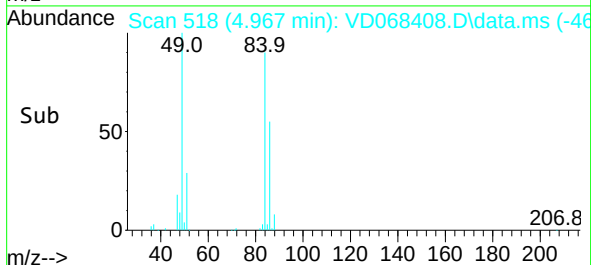
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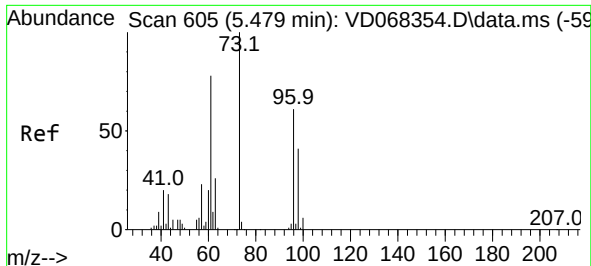


#20
Methylene Chloride
Concen: 53.83 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



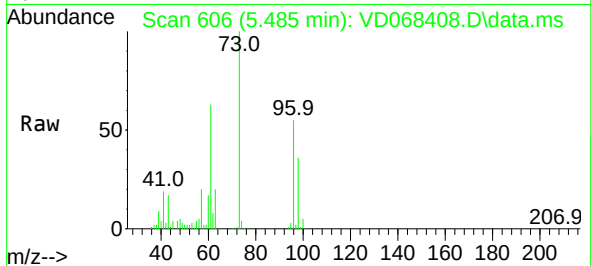
Tgt Ion: 84 Resp: 223236
Ion Ratio Lower Upper
84 100
49 111.5 77.4 116.2
51 32.0 26.1 39.1
86 60.9 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 43.61 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

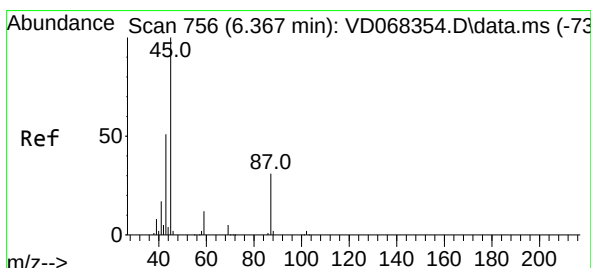
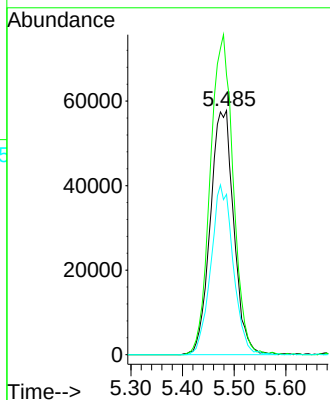
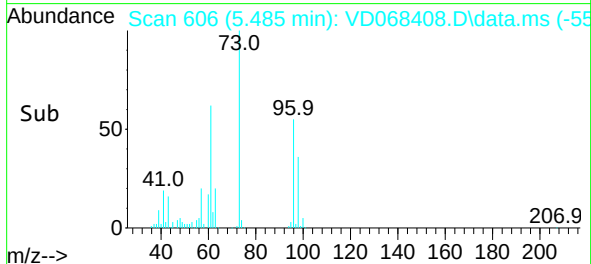
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



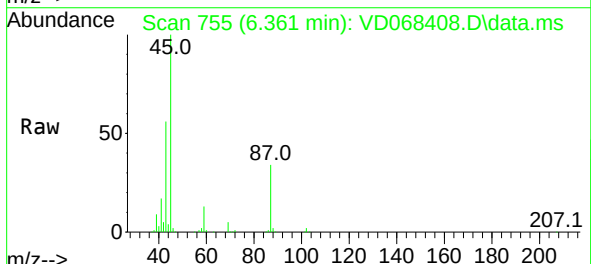
Tgt Ion: 96 Resp: 182417
Ion Ratio Lower Upper
96 100
61 114.7 96.7 145.1
98 65.7 47.6 71.4

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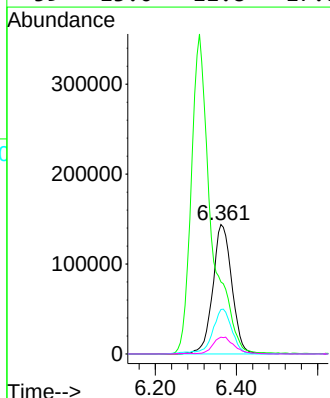
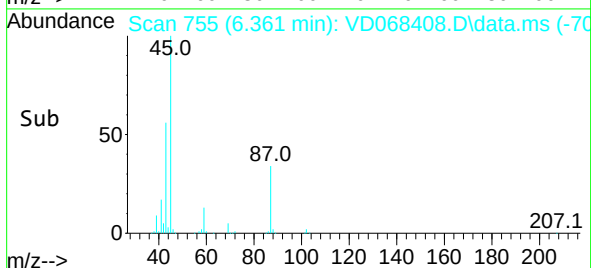
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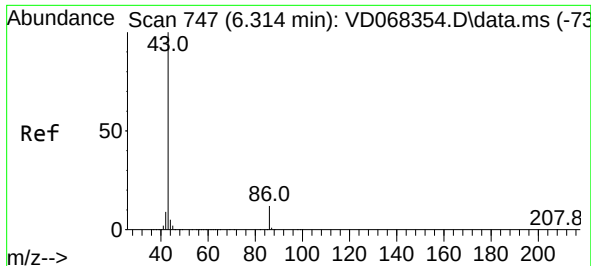


#22
Diisopropyl ether
Concen: 45.18 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



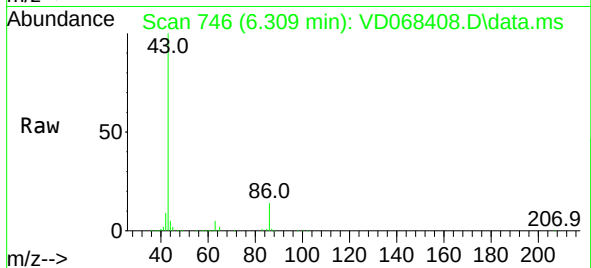
Tgt Ion: 45 Resp: 469749
Ion Ratio Lower Upper
45 100
43 54.7 43.9 65.9
87 34.2 29.9 44.9
59 13.0 11.8 17.8





#23
 Vinyl Acetate
 Concen: 226.16 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09

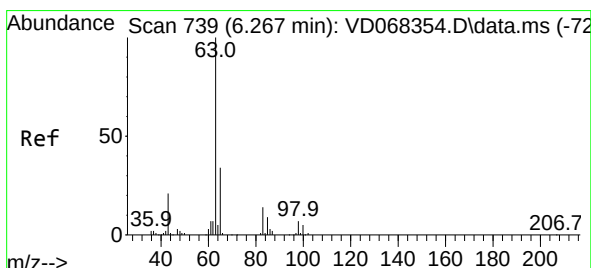
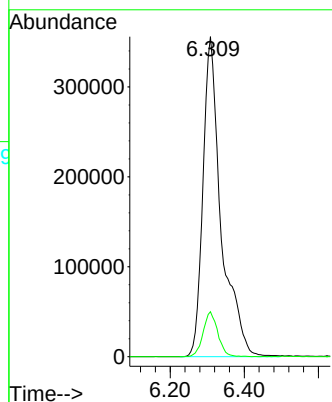
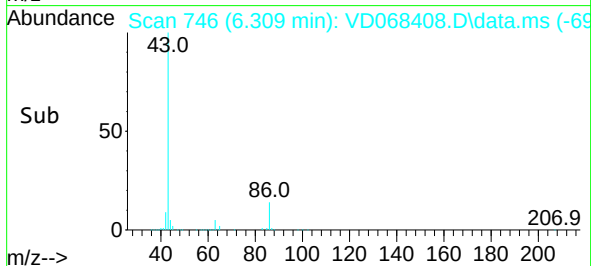
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



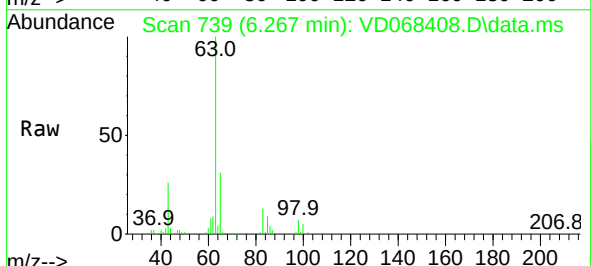
Tgt Ion: 43 Resp: 1214172
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.8 16.2

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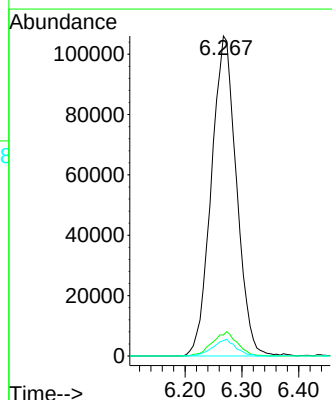
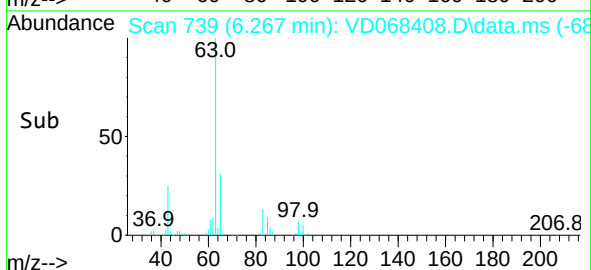
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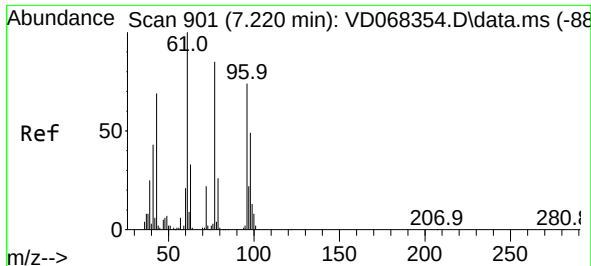


#24
 1,1-Dichloroethane
 Concen: 45.83 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09



Tgt Ion: 63 Resp: 326022
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.8 2.6 8.0





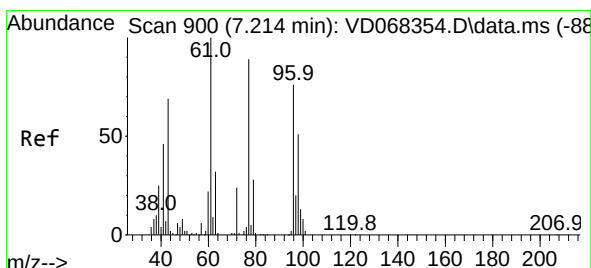
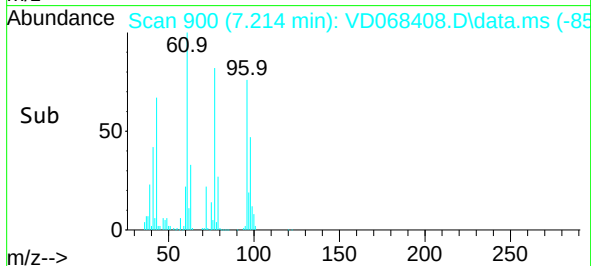
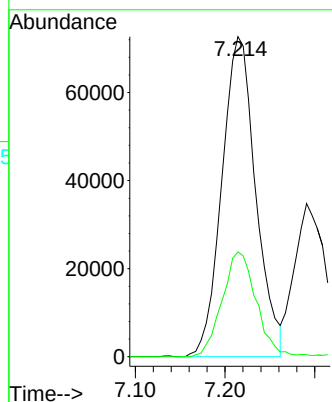
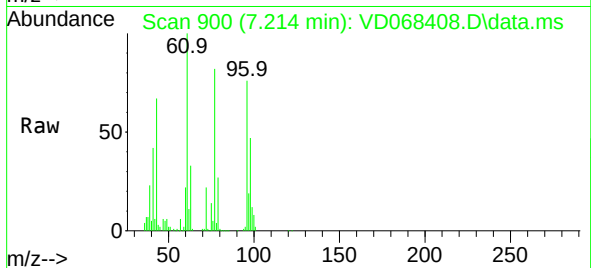
#25
2-Butanone
Concen: 227.33 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 43 Resp: 190485
Ion Ratio Lower Upper
43 100
72 32.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

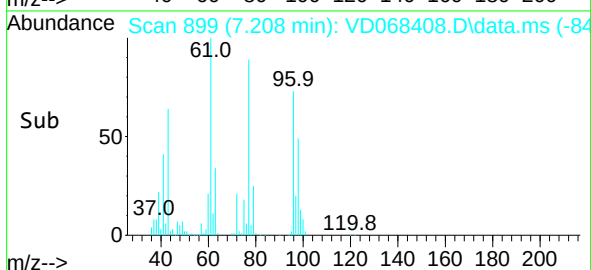
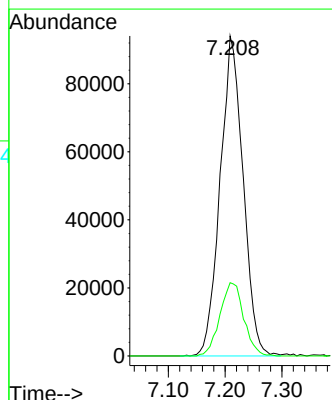
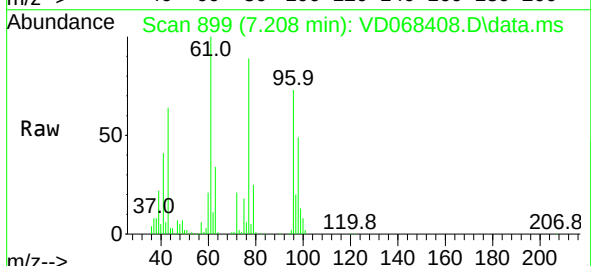
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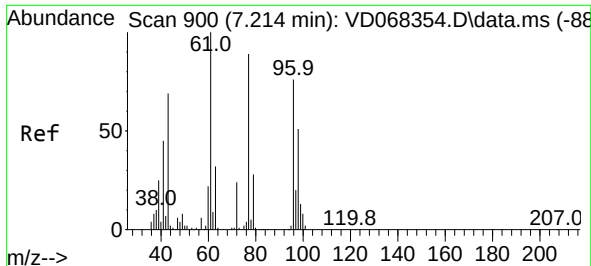
MMDadoda
2/22/2021 4:58:05 PM



#26
2,2-Dichloropropane
Concen: 43.44 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

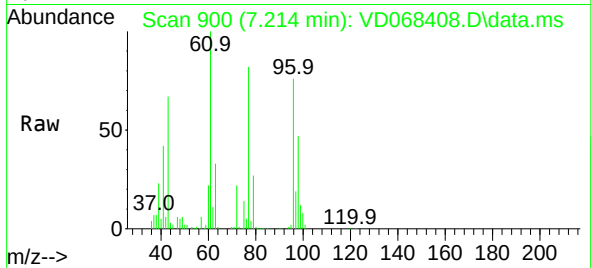
Tgt Ion: 77 Resp: 264334
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 46.25 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

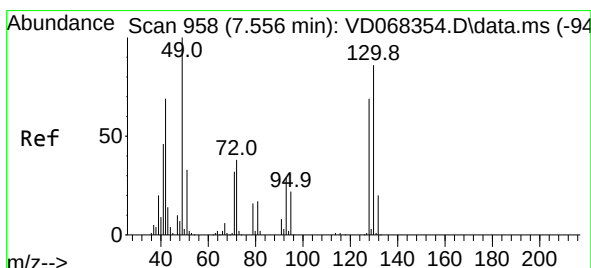
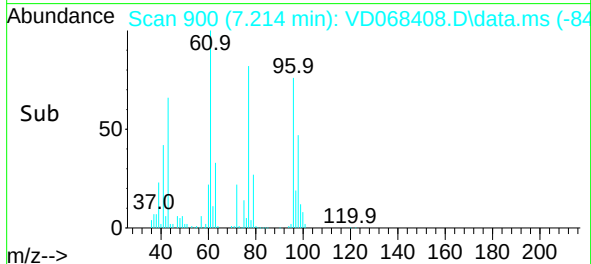
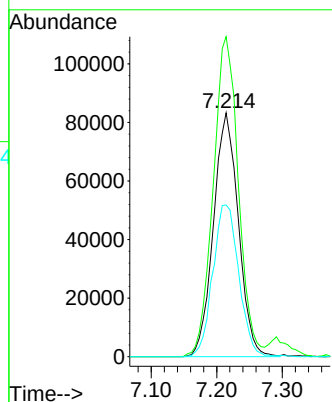


Tgt Ion: 96 Resp: 219881

Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	257.4
98	65.0	0.0	126.6

Manual Integrations
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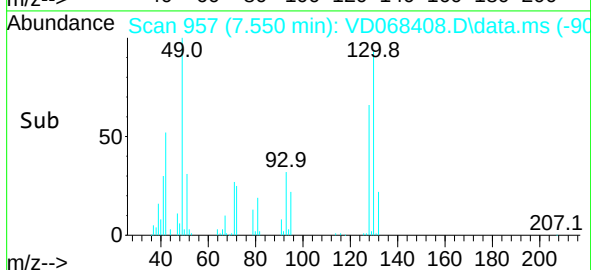
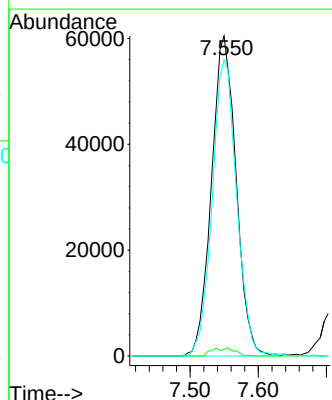
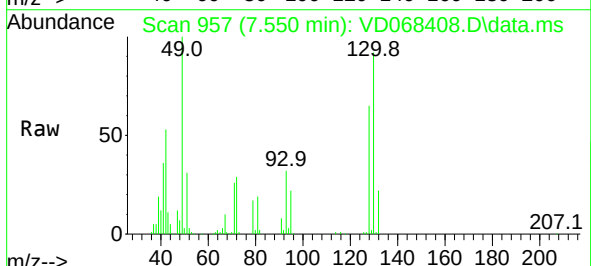
MMDadoda
 2/22/2021 4:58:05 PM

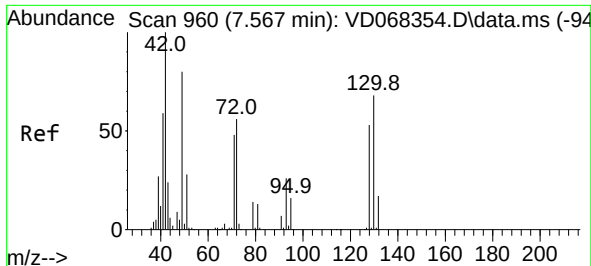


#28
 Bromochloromethane
 Concen: 51.49 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. -0.006 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09

Tgt Ion: 49 Resp: 151939

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	92.0	85.5	128.3





#29

Tetrahydrofuran

Concen: 219.94 ug/l

RT: 7.567 min Scan# 960

Delta R.T. -0.000 min

Lab File: VD068408.D

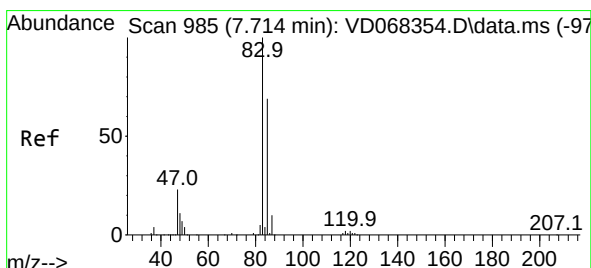
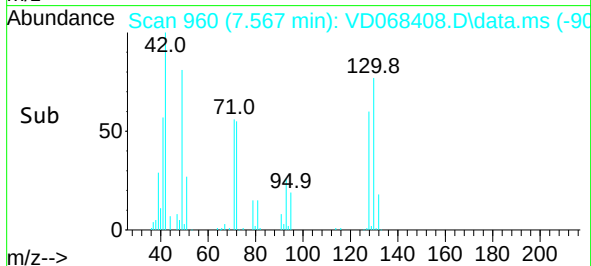
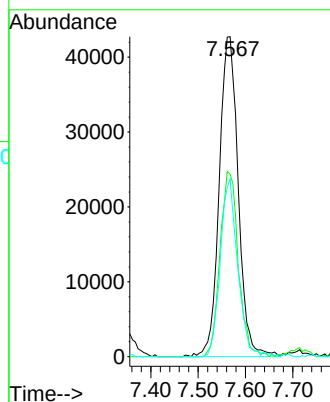
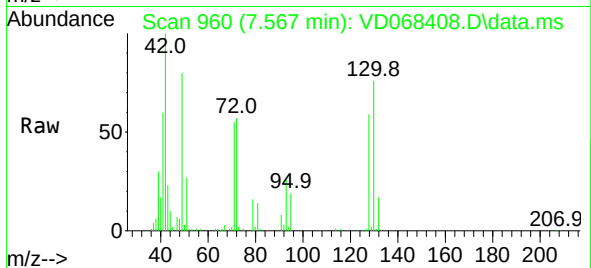
Acq: 19 Feb 2021 20:09

Tgt Ion:	42	Resp:	119213
Ion	Ratio	Lower	Upper
42	100		
72	56.0	43.4	65.0
71	50.3	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#30

Chloroform

Concen: 47.47 ug/l

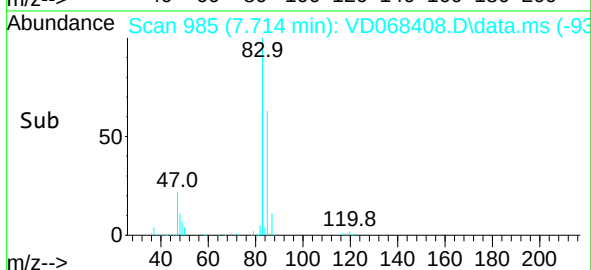
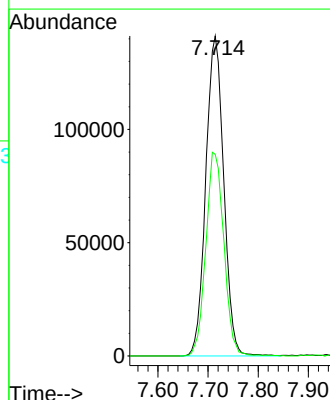
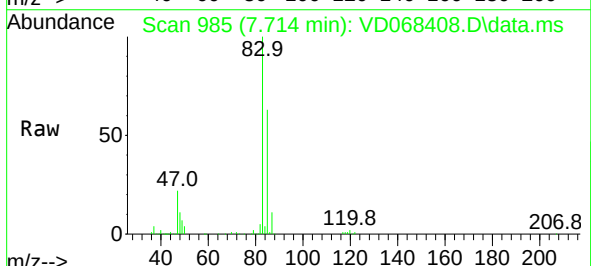
RT: 7.714 min Scan# 985

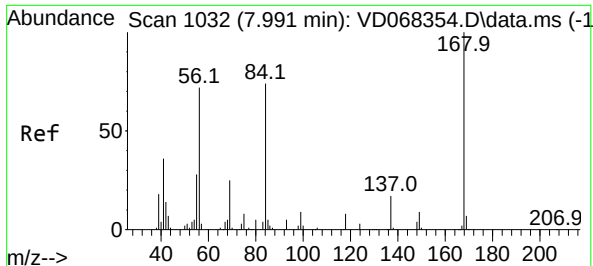
Delta R.T. -0.000 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

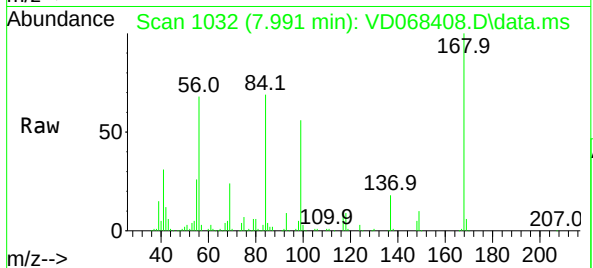
Tgt Ion:	83	Resp:	351300
Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.4	80.0





#31
Cyclohexane
Concen: 40.87 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

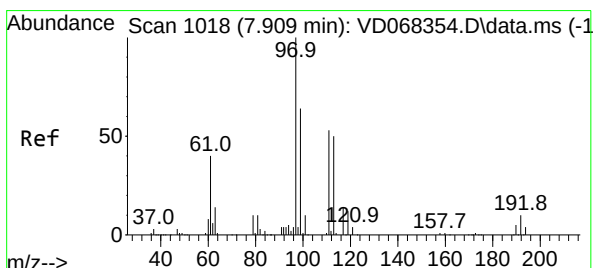
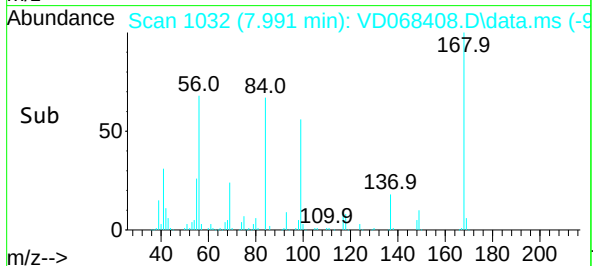
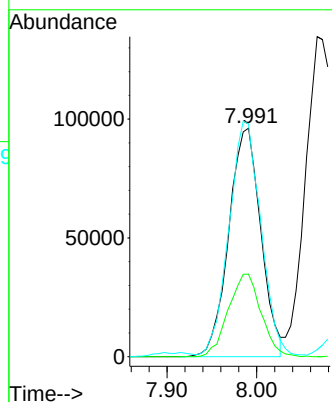
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



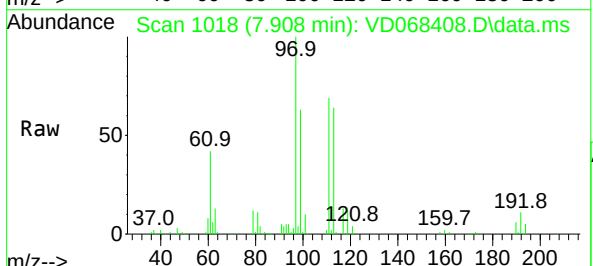
Tgt Ion: 56 Resp: 238184
Ion Ratio Lower Upper
56 100
69 36.1 30.1 45.1
84 100.0 82.1 123.1

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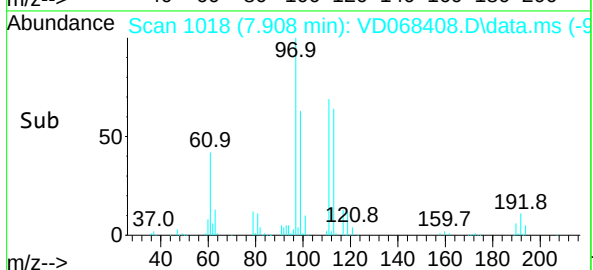
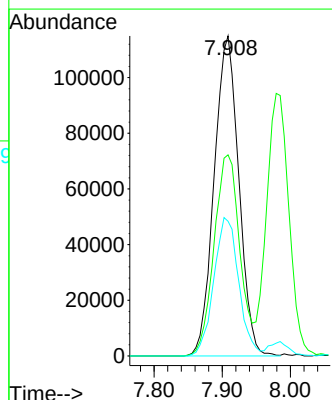
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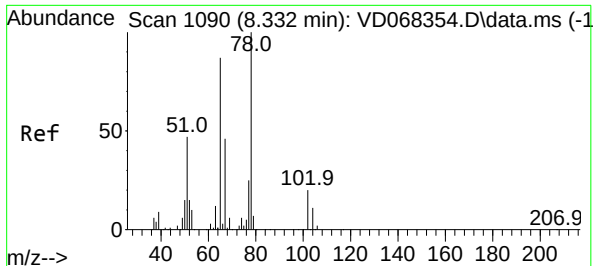


#32
1,1,1-Trichloroethane
Concen: 45.27 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



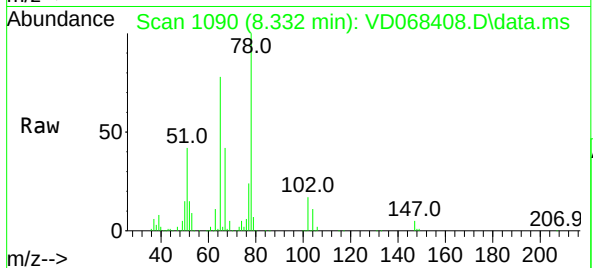
Tgt Ion: 97 Resp: 289457
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 43.6 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 53.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

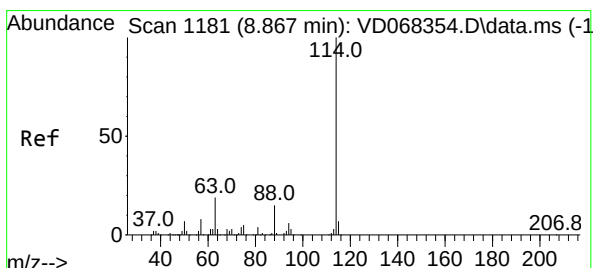
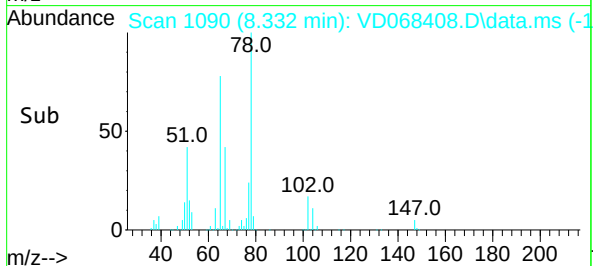
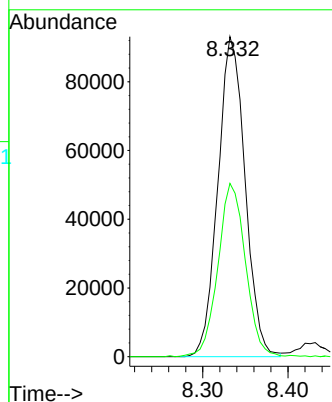
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



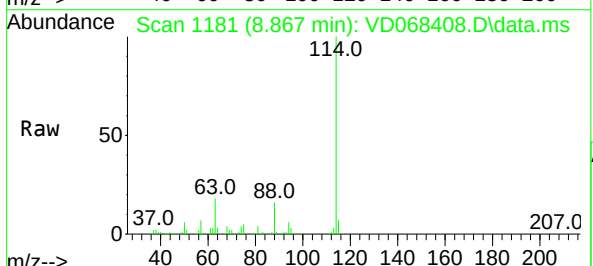
Tgt Ion: 65 Resp: 206602
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.0

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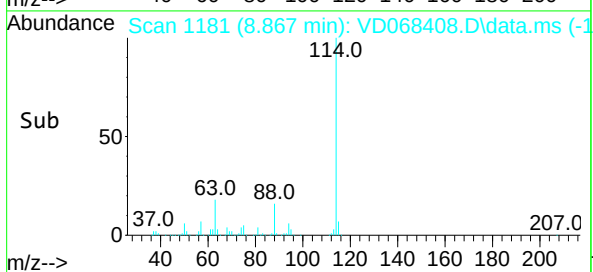
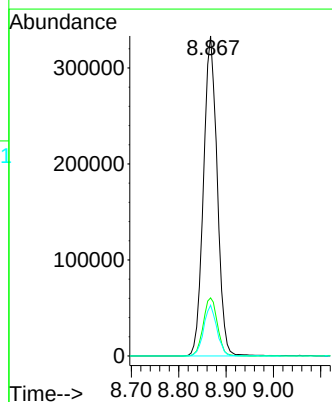
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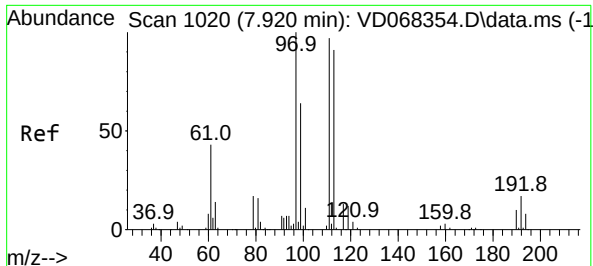


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion: 114 Resp: 670657
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.44 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

Tgt Ion: 113 Resp: 216718

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.7 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

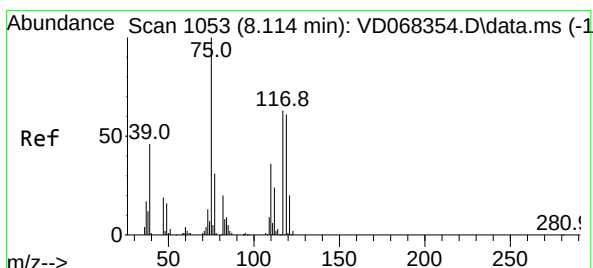
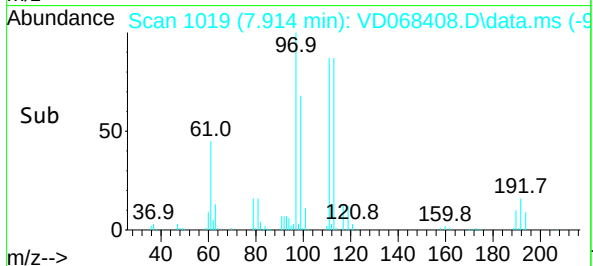
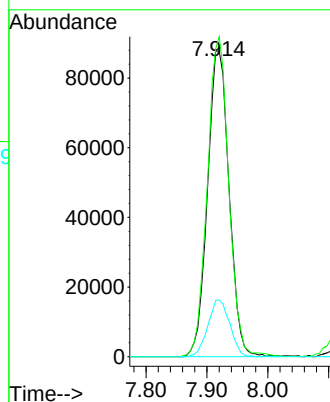
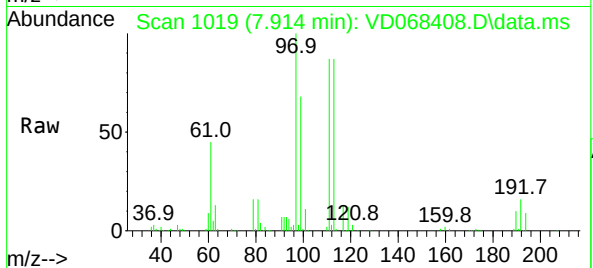
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 41.70 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

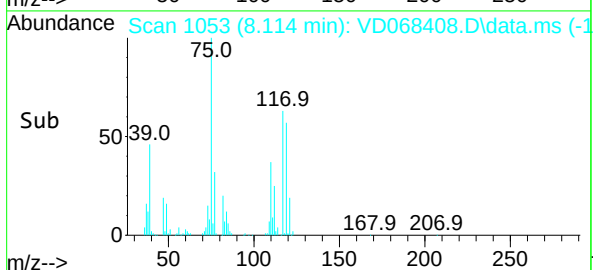
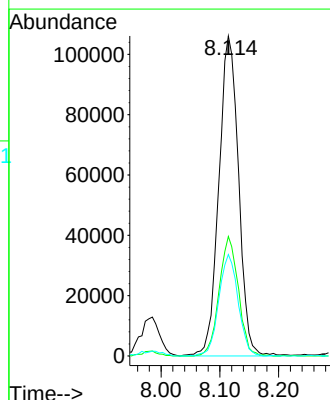
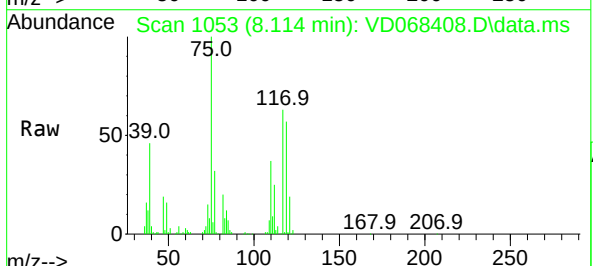
Tgt Ion: 75 Resp: 247412

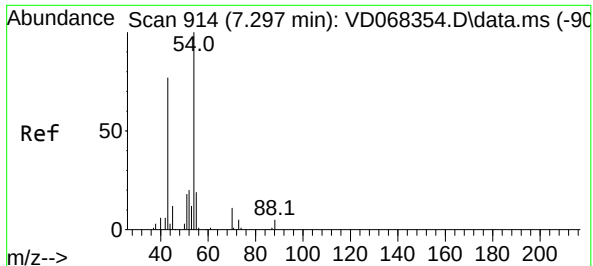
Ion Ratio Lower Upper

75 100

110 36.4 19.4 58.2

77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 44.14 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068408.D

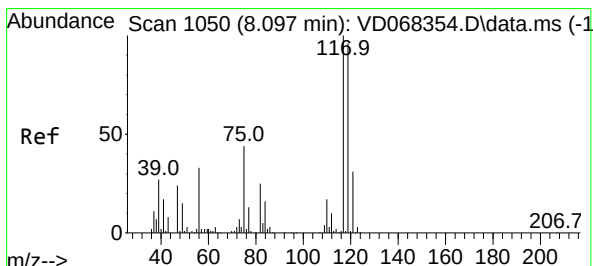
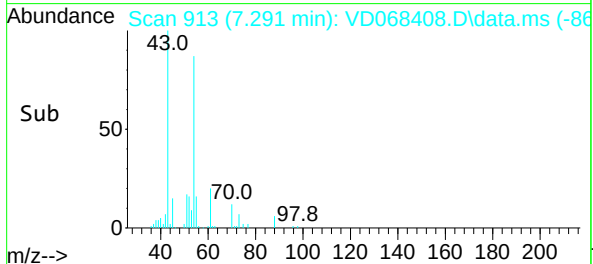
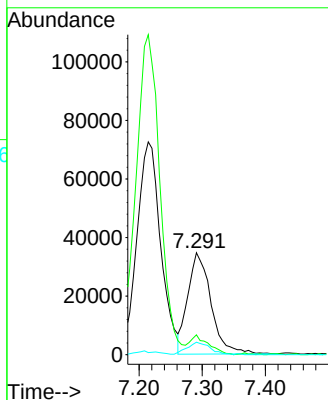
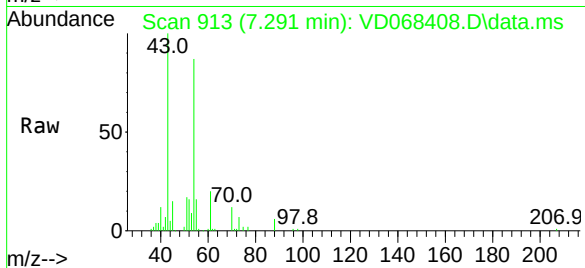
Acq: 19 Feb 2021 20:09

Tgt Ion:	43	Resp:	88489
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.9	19.3
70	12.2	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#38

Carbon Tetrachloride

Concen: 43.35 ug/l

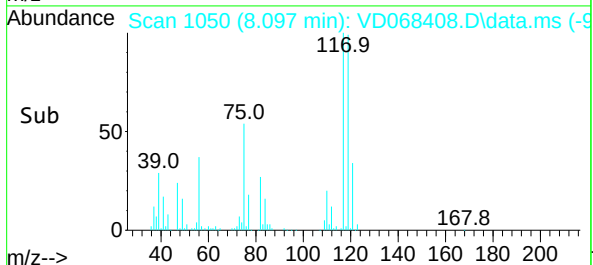
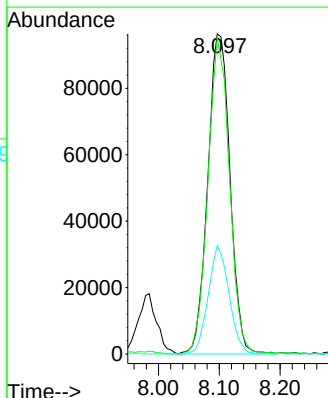
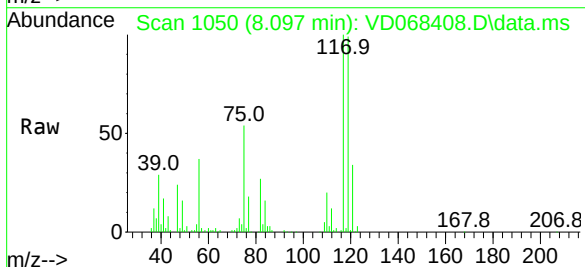
RT: 8.097 min Scan# 1050

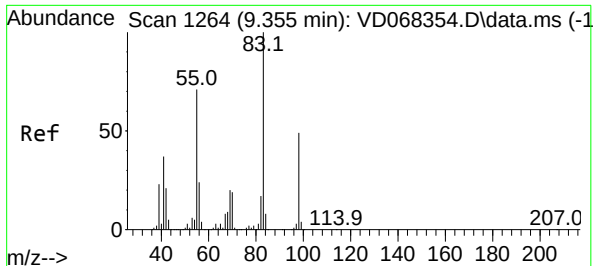
Delta R.T. -0.000 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

Tgt Ion:	117	Resp:	245318
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.3	115.9
121	33.8	24.7	37.1





#39

Methylcyclohexane

Concen: 39.50 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068408.D

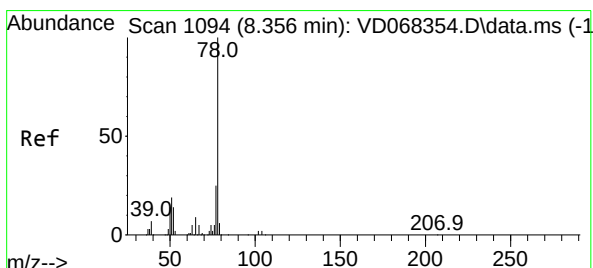
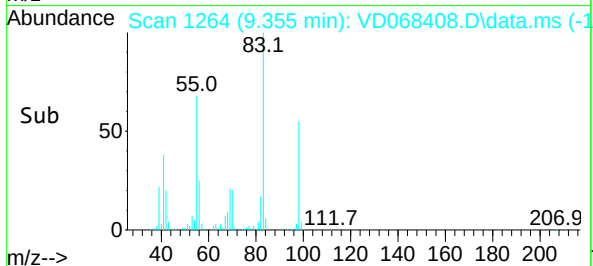
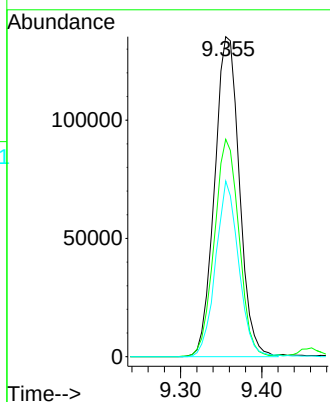
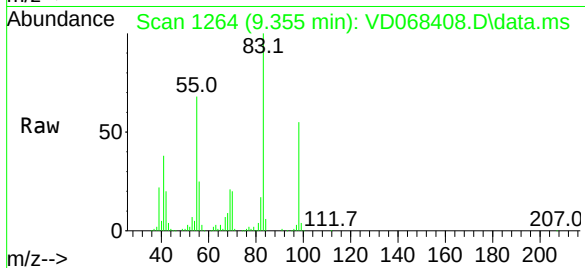
Acq: 19 Feb 2021 20:09

Tgt Ion:	83	Resp:	287438
Ion	Ratio	Lower	Upper
83	100		
55	67.9	55.2	82.8
98	54.9	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#40

Benzene

Concen: 44.09 ug/l

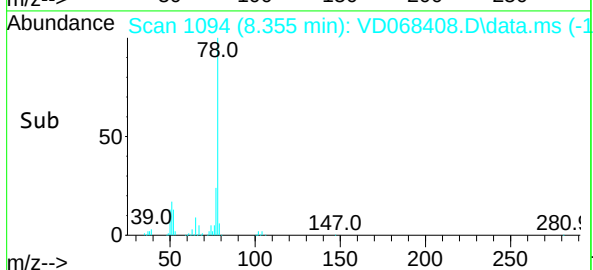
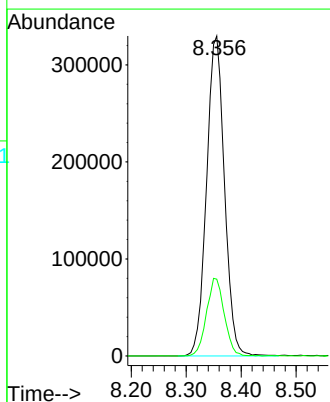
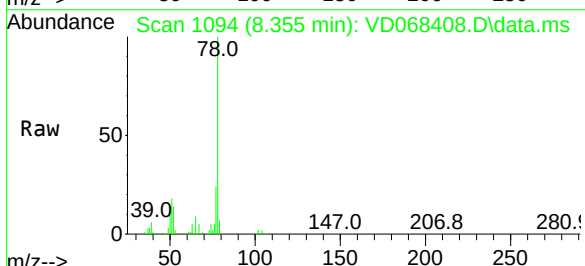
RT: 8.355 min Scan# 1094

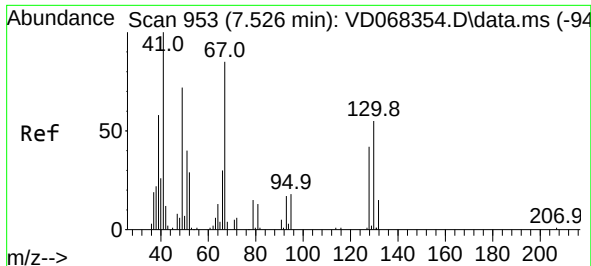
Delta R.T. -0.000 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

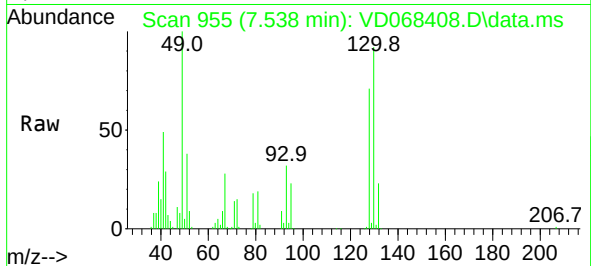
Tgt Ion:	78	Resp:	746107
Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.6





#41
Methacrylonitrile
Concen: 54.61 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

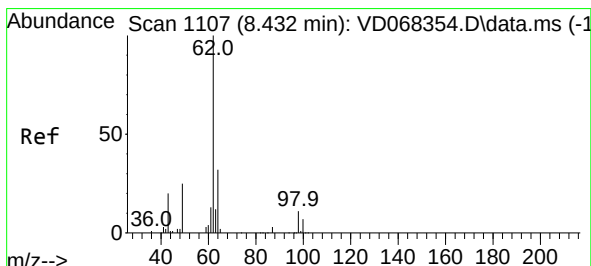
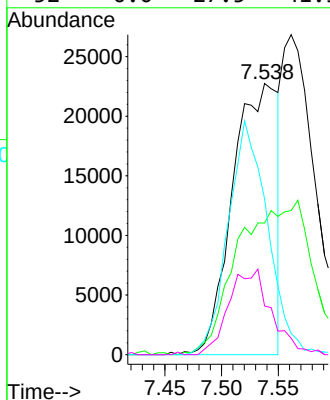
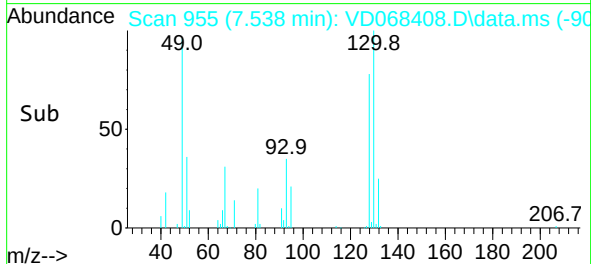
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



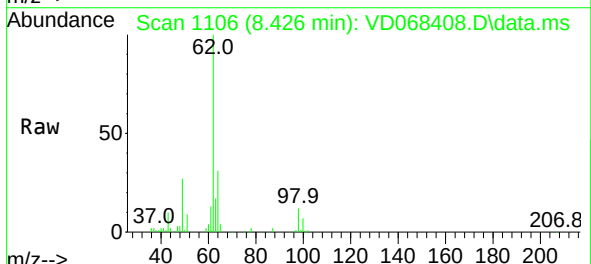
Tgt Ion: 41 Resp: 63019
Ion Ratio Lower Upper
41 100
39 93.7 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
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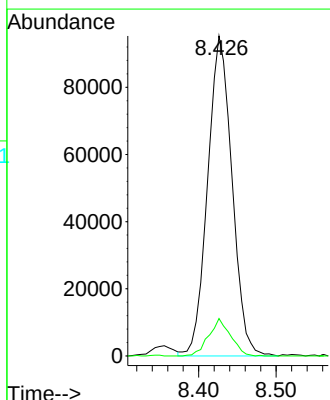
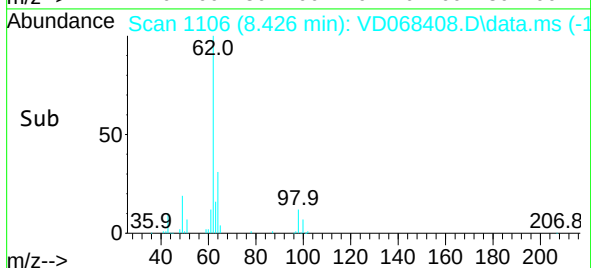
MMDadoda
2/22/2021 4:58:05 PM

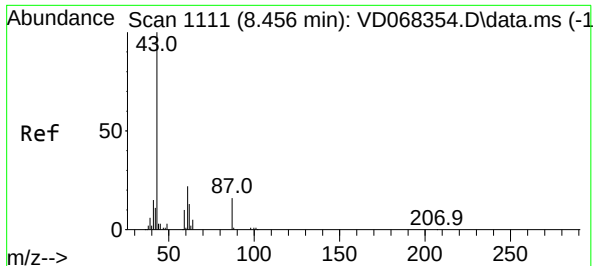


#42
1,2-Dichloroethane
Concen: 46.21 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion: 62 Resp: 208596
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43

Isopropyl Acetate

Concen: 43.62 ug/l

RT: 8.456 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VD068408.D

Acq: 19 Feb 2021 20:09

Tgt Ion: 43 Resp: 167471

Ion Ratio Lower Upper

43 100

61 36.8 28.7 43.1

87 17.7 13.9 20.9

Instrument :

MSVOA_D

ClientSampleId :

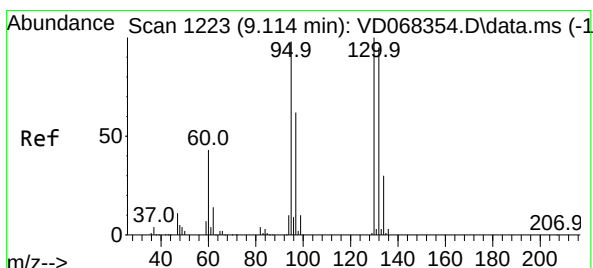
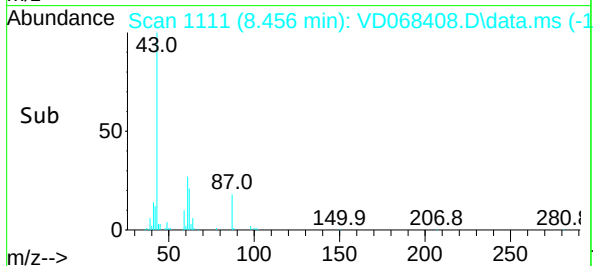
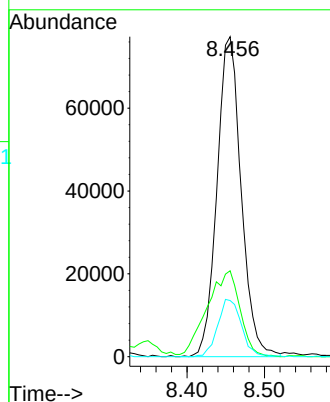
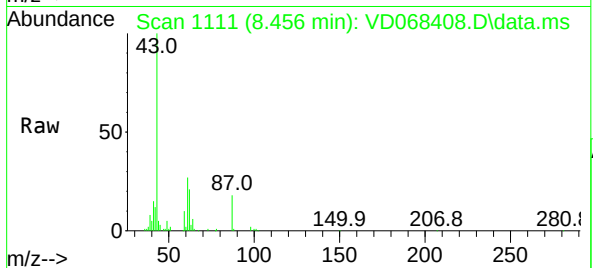
VSTDCCC050EC

Manual Integrations

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#44

Trichloroethene

Concen: 45.25 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD068408.D

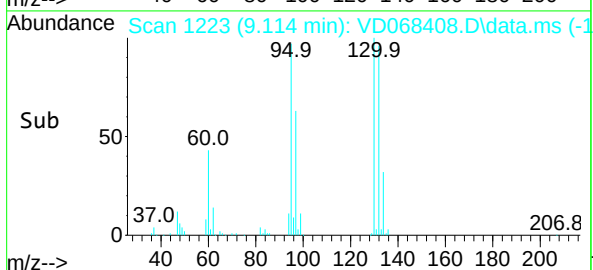
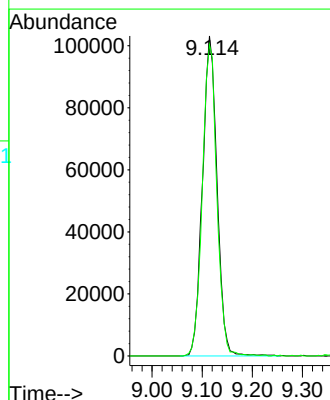
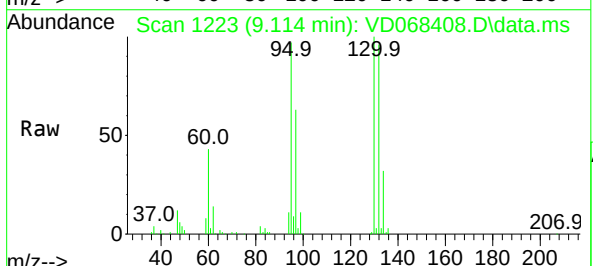
Acq: 19 Feb 2021 20:09

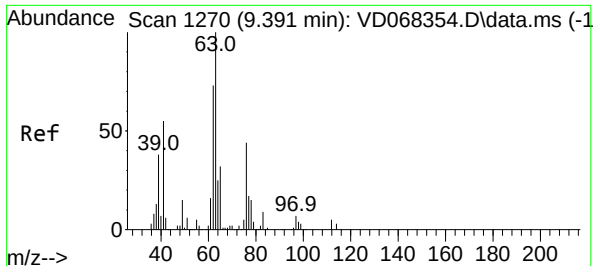
Tgt Ion:130 Resp: 208418

Ion Ratio Lower Upper

130 100

95 97.3 0.0 191.2





#45

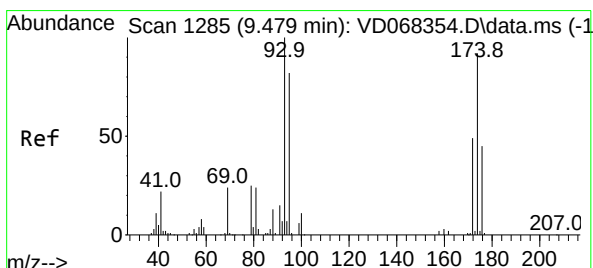
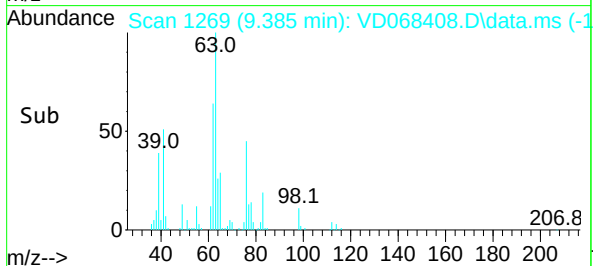
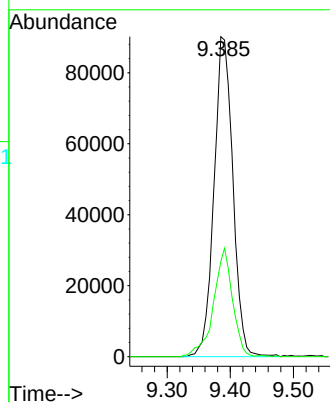
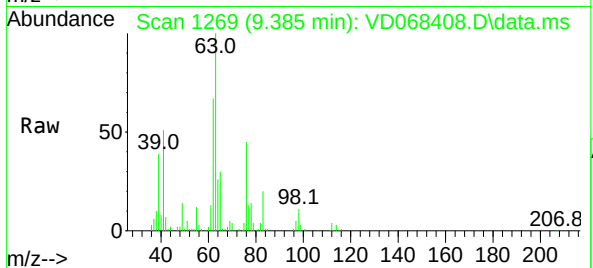
1,2-Dichloropropane
Concen: 45.36 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 63 Resp: 187327
Ion Ratio Lower Upper
63 100
65 29.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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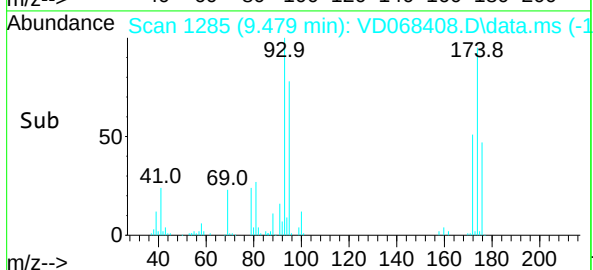
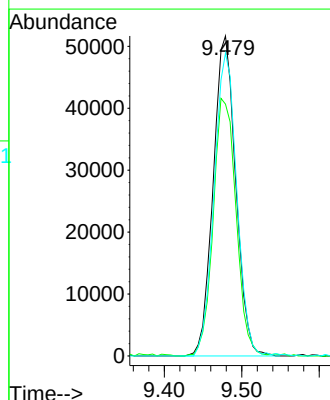
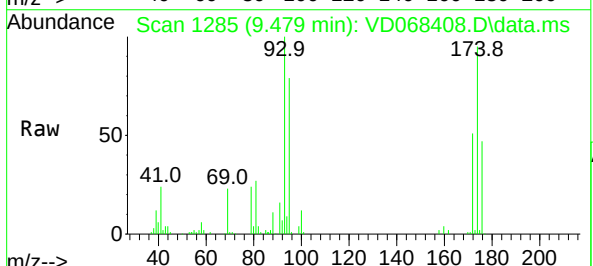
MMDadoda
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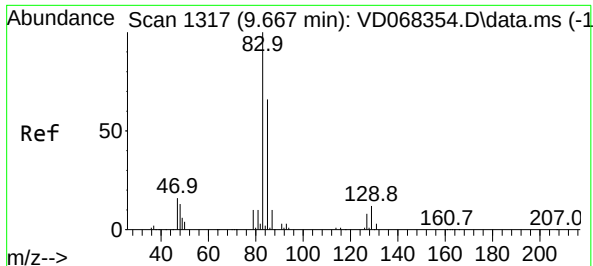


#46

Dibromomethane
Concen: 46.64 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

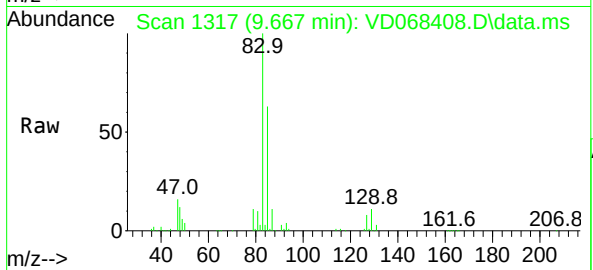
Tgt Ion: 93 Resp: 104477
Ion Ratio Lower Upper
93 100
95 81.7 67.3 100.9
174 95.0 84.6 127.0





#47
Bromodichloromethane
Concen: 46.72 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

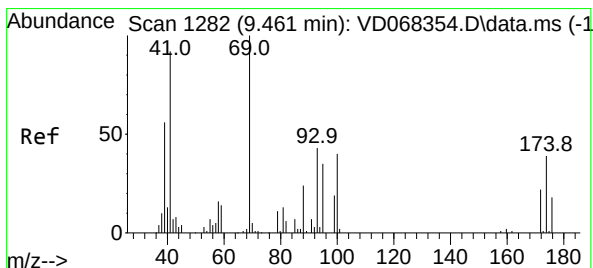
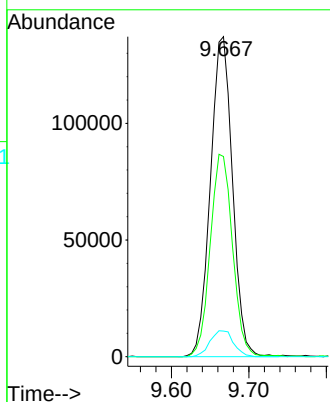
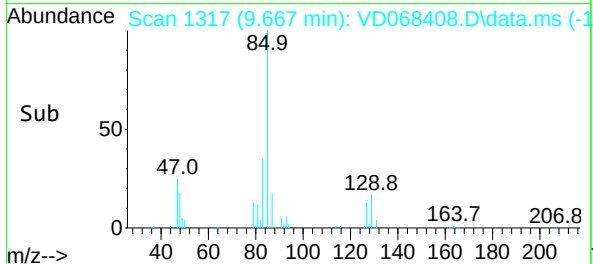
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



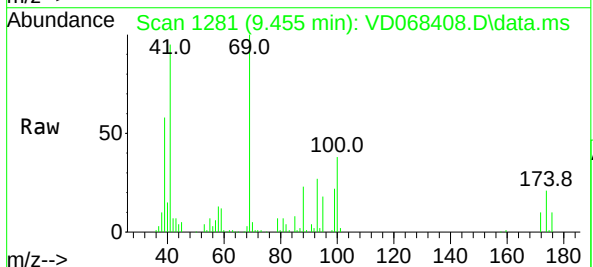
Tgt Ion: 83 Resp: 271350
Ion Ratio Lower Upper
83 100
85 62.5 51.6 77.4
127 8.0 7.4 11.0

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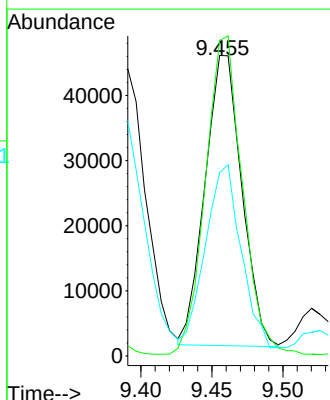
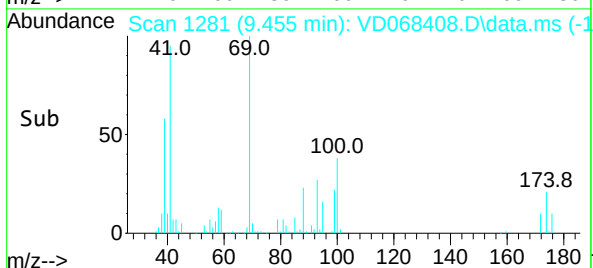
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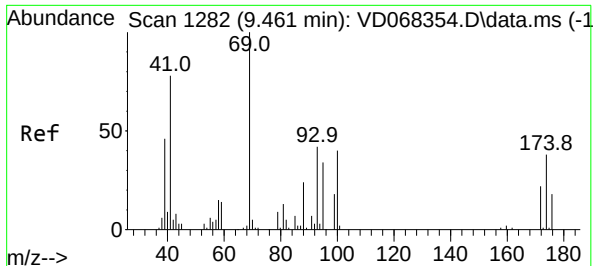


#48
Methyl methacrylate
Concen: 41.93 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion: 41 Resp: 80330
Ion Ratio Lower Upper
41 100
69 110.6 77.1 115.7
39 68.1 41.5 62.3#





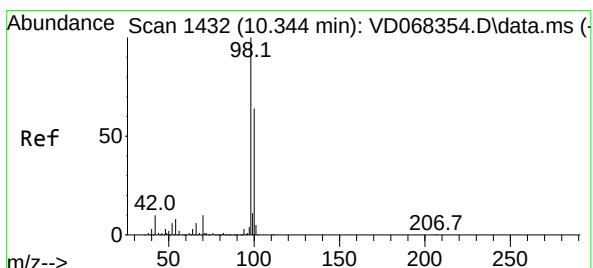
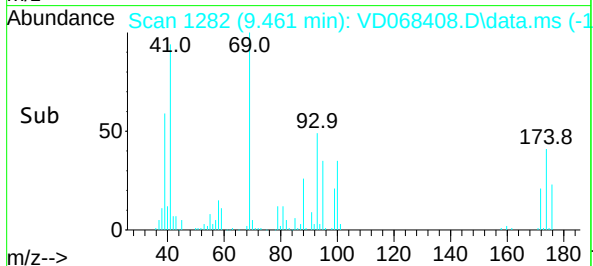
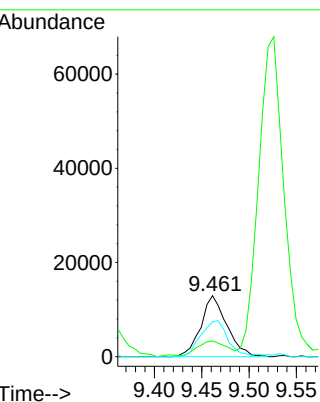
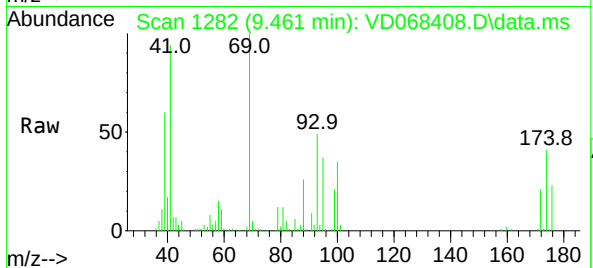
#49
1,4-Dioxane
Concen: 942.98 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 88 Resp: 24680
Ion Ratio Lower Upper
88 100
43 25.6 22.1 33.1
58 61.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

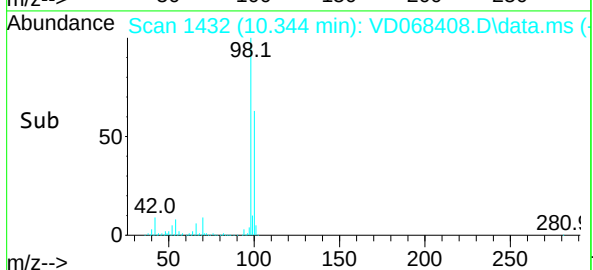
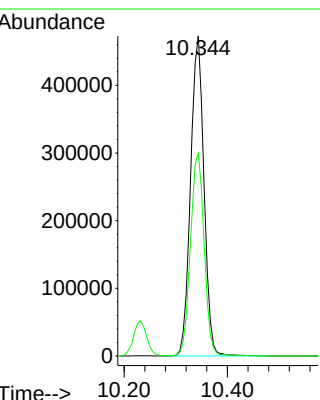
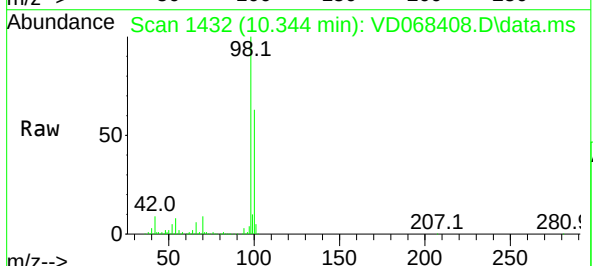
Manual Integrations
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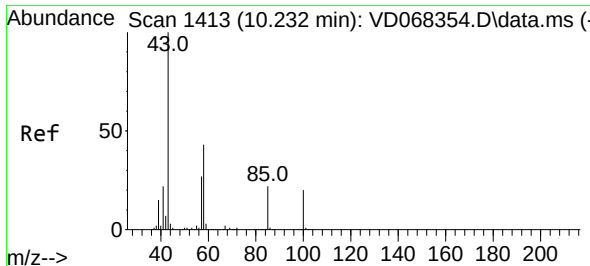
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#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 98 Resp: 849627
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4





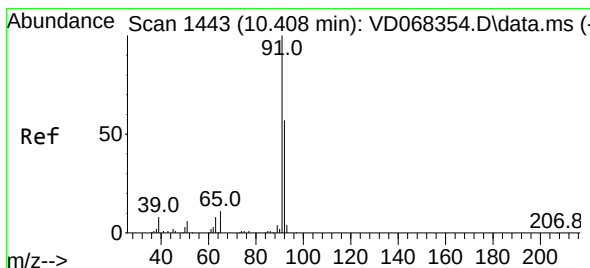
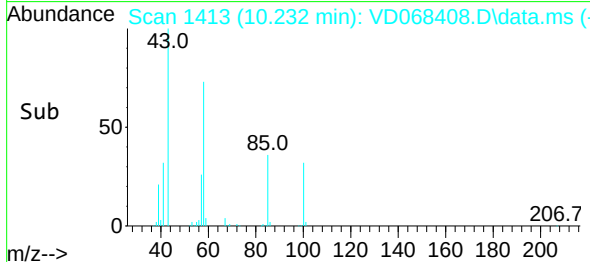
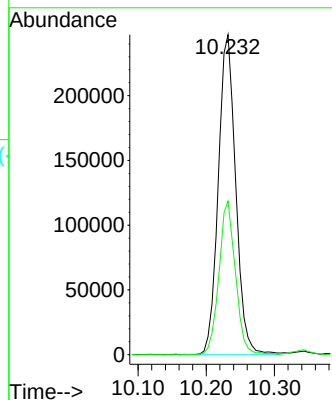
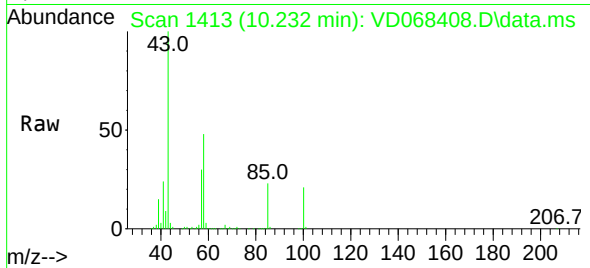
#51
4-Methyl-2-Pentanone
Concen: 223.36 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 43 Resp: 440418
Ion Ratio Lower Upper
43 100
58 45.4 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

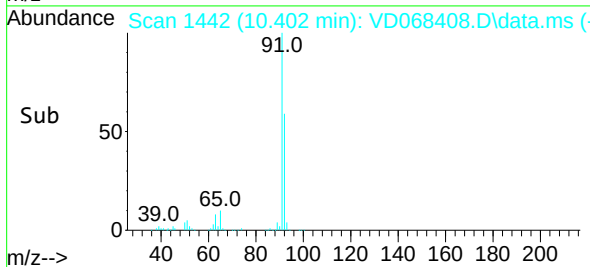
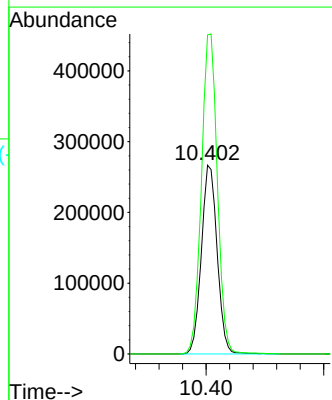
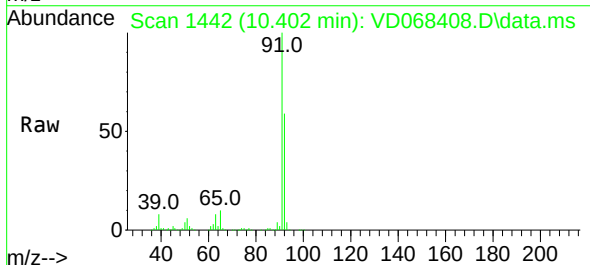
Manual Integrations
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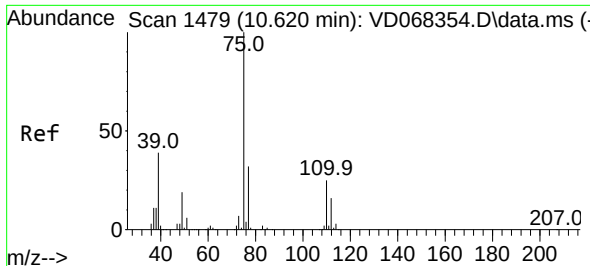
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#52
Toluene
Concen: 45.47 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 92 Resp: 494755
Ion Ratio Lower Upper
92 100
91 171.6 134.1 201.1





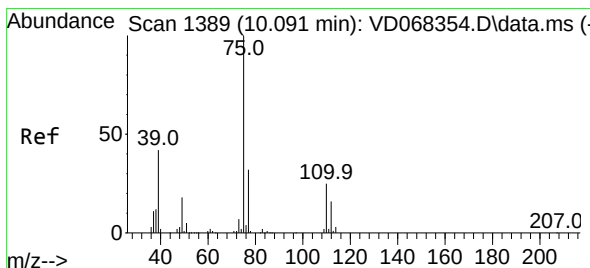
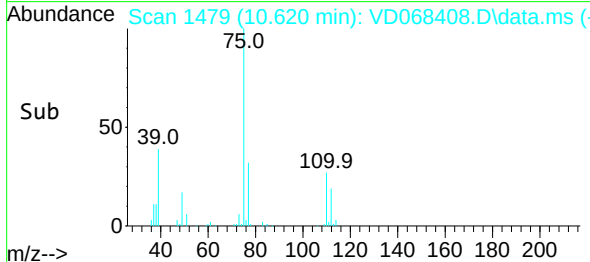
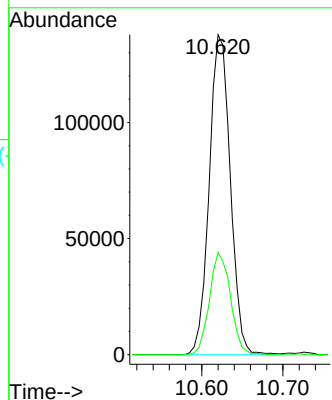
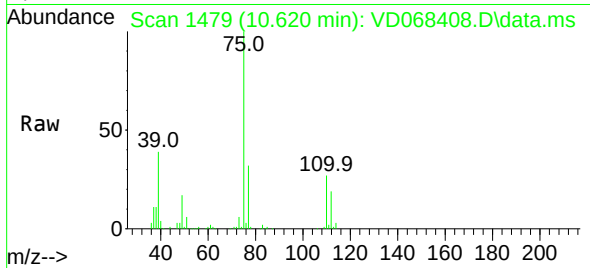
#53
t-1,3-Dichloropropene
Concen: 46.25 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 75 Resp: 248579
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

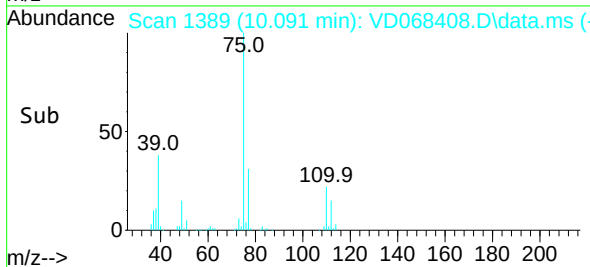
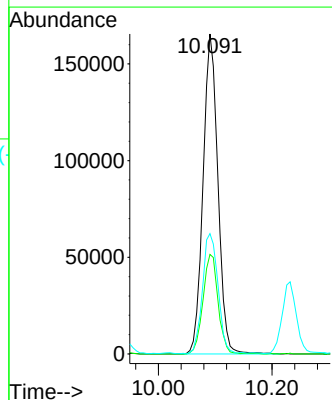
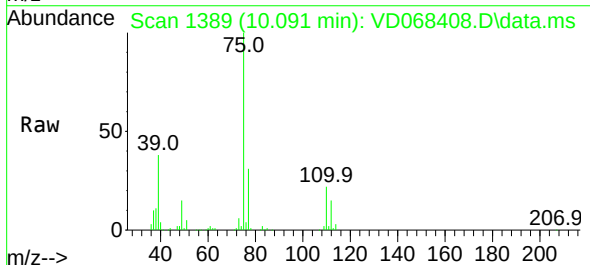
Manual Integrations
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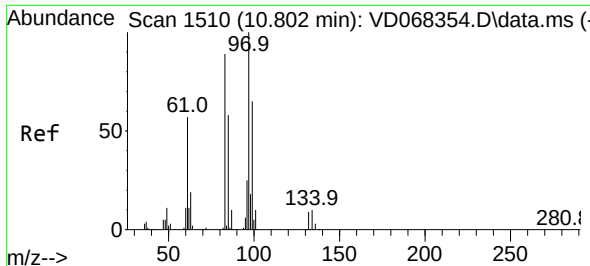
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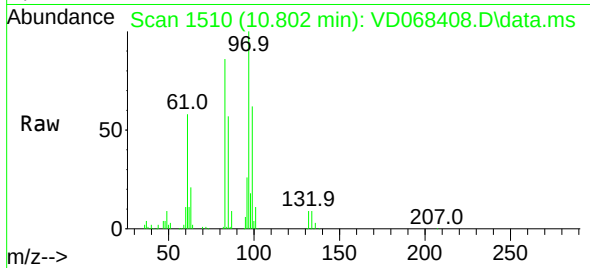
#54
cis-1,3-Dichloropropene
Concen: 45.62 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 75 Resp: 299612
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 37.5 31.4 47.0

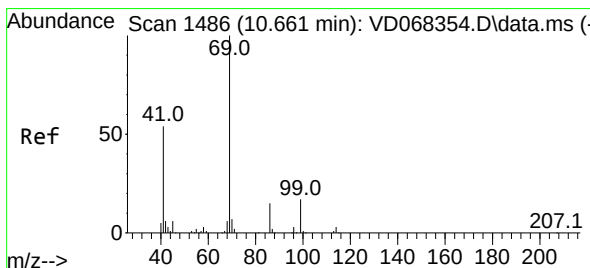
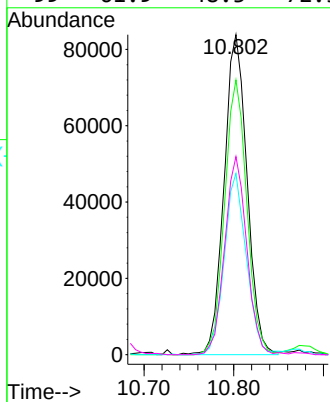
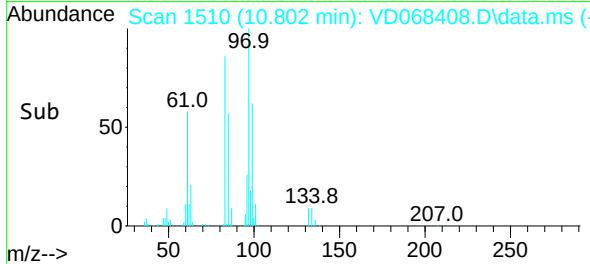




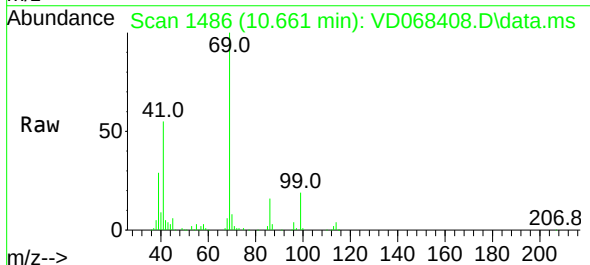
#55
1,1,2-Trichloroethane
Concen: 48.26 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



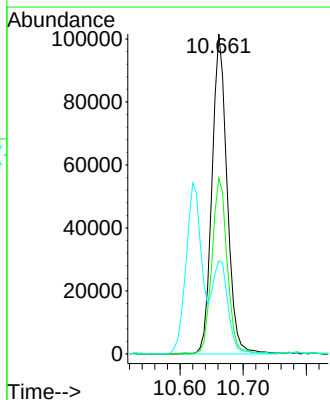
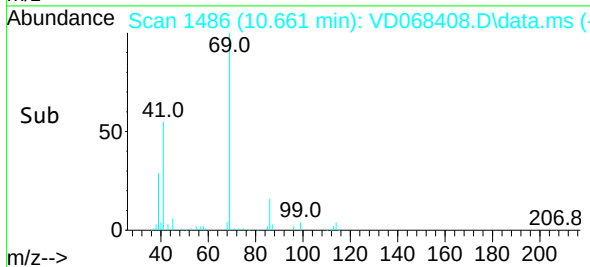
Tgt Ion:	97	Resp:	149356
Ion	Ratio	Lower	Upper
97	100		
83	85.8	61.8	92.6
85	56.6	42.2	63.2
99	61.9	48.3	72.5



#56
Ethyl methacrylate
Concen: 45.89 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



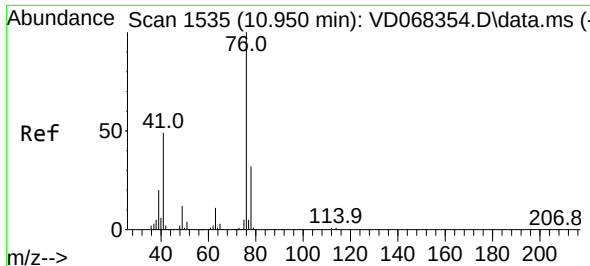
Tgt Ion:	69	Resp:	168500
Ion	Ratio	Lower	Upper
69	100		
41	56.3	44.9	67.3
39	30.7	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

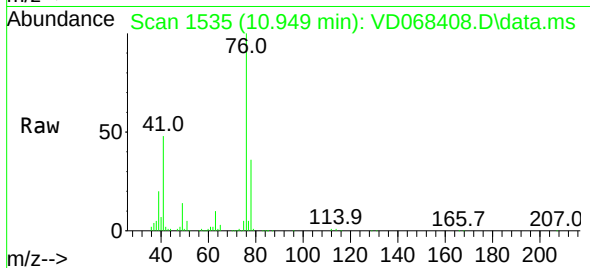
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#57
1,3-Dichloropropane
Concen: 45.35 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

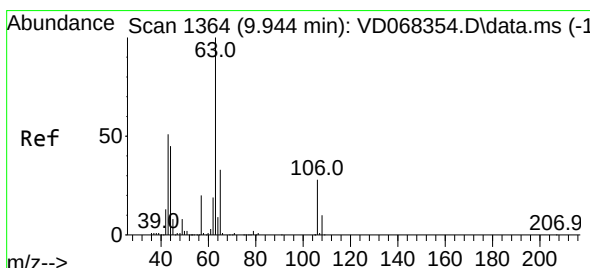
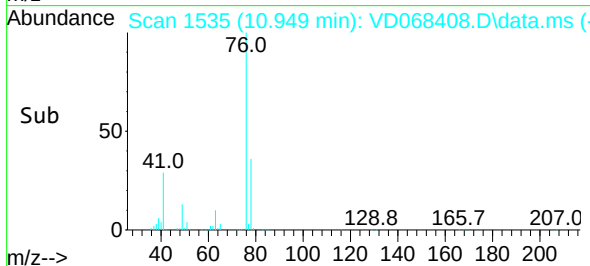
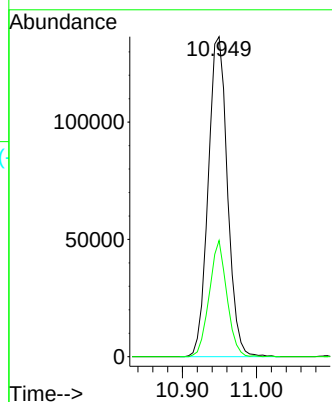
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 246273
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4

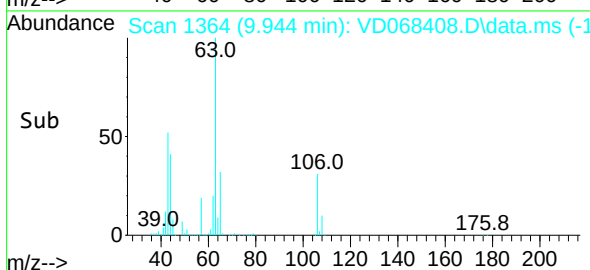
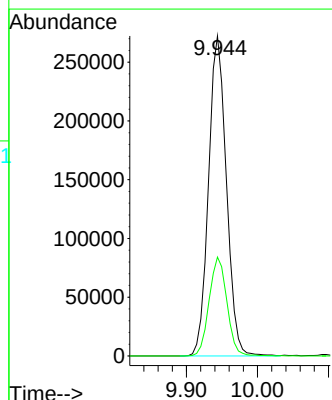
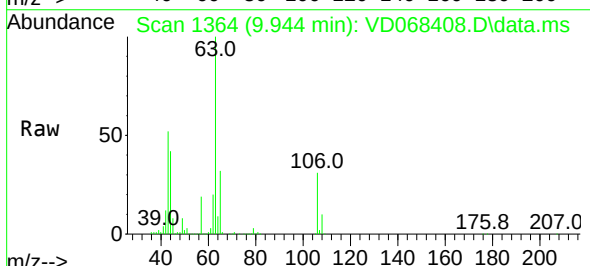
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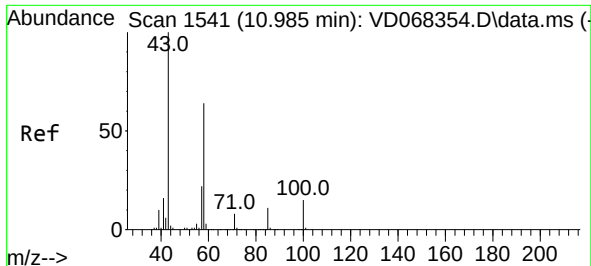
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#58
2-Chloroethyl Vinyl ether
Concen: 242.48 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 63 Resp: 476758
Ion Ratio Lower Upper
63 100
106 30.7 27.0 40.4





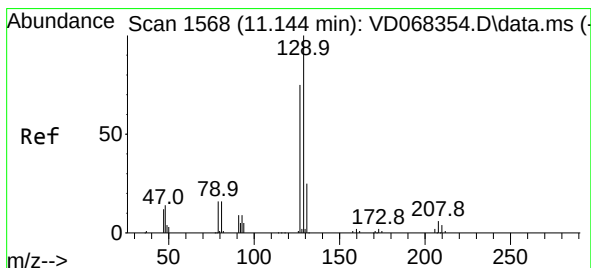
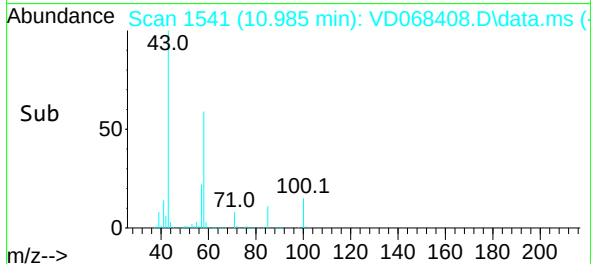
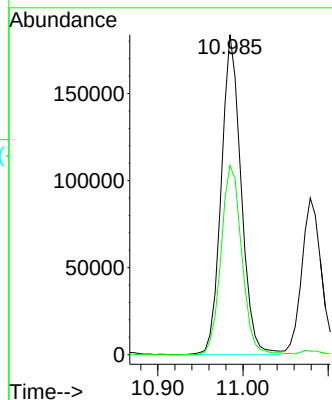
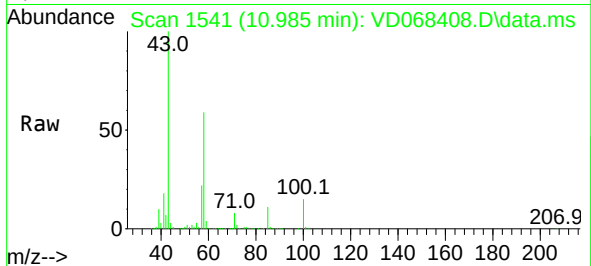
#59
2-Hexanone
Concen: 222.97 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 43 Resp: 297200
Ion Ratio Lower Upper
43 100
58 62.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

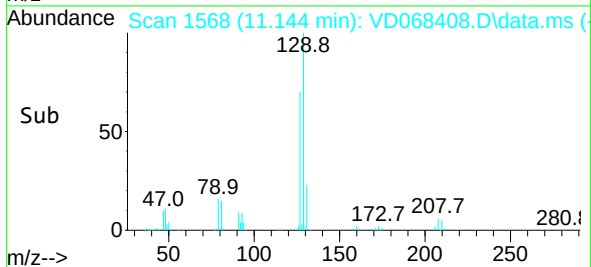
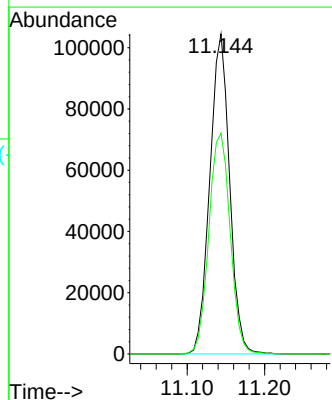
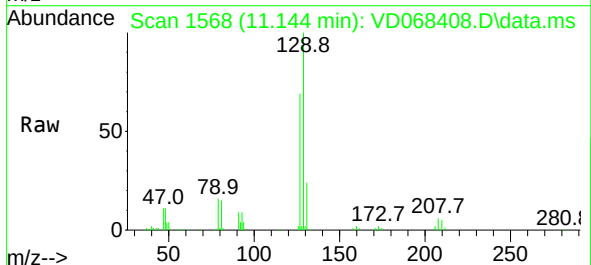
Manual Integrations
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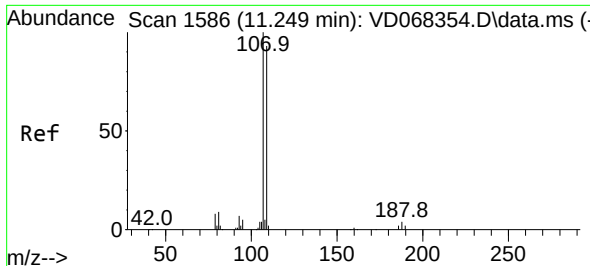
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#60
Dibromochloromethane
Concen: 48.23 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 129 Resp: 185207
Ion Ratio Lower Upper
129 100
127 74.3 38.6 116.0





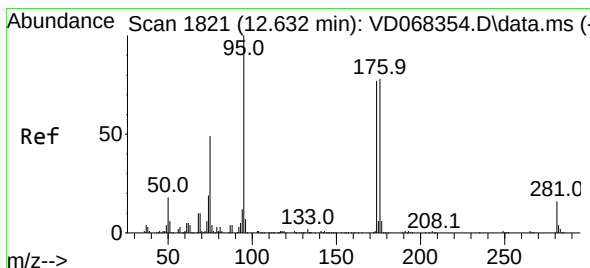
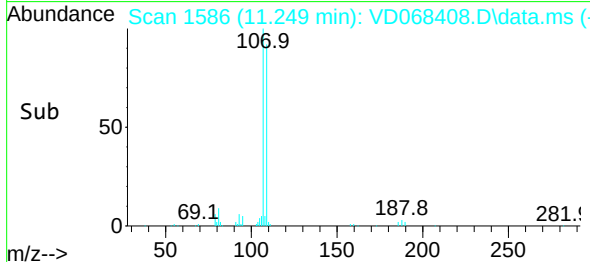
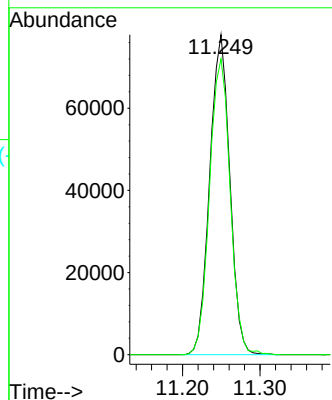
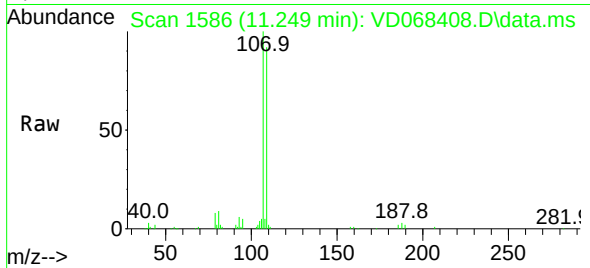
#61
1,2-Dibromoethane
Concen: 46.88 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:107 Resp: 140194
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

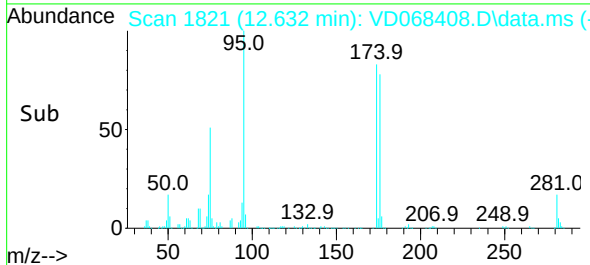
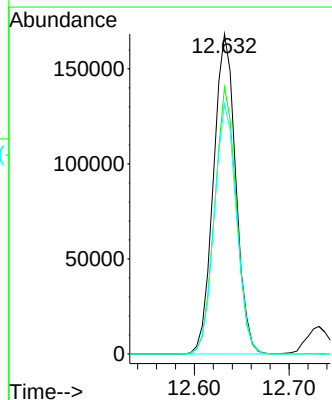
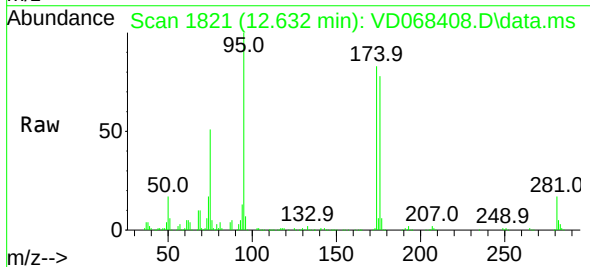
Manual Integrations
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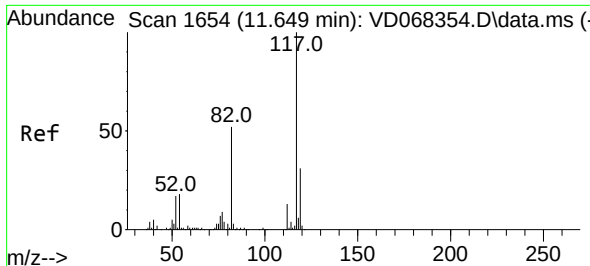
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#62
4-Bromofluorobenzene
Concen: 51.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

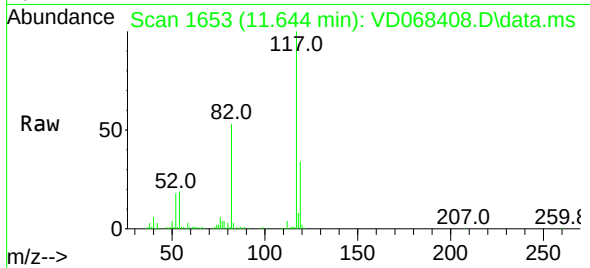
Tgt Ion: 95 Resp: 275411
Ion Ratio Lower Upper
95 100
174 81.1 0.0 172.4
176 78.3 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

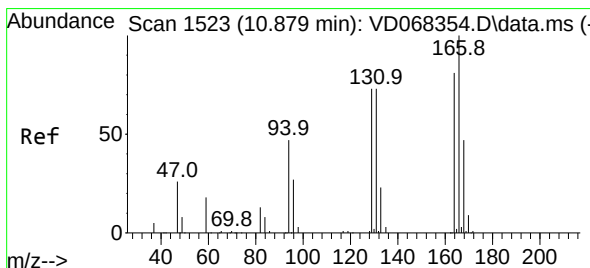
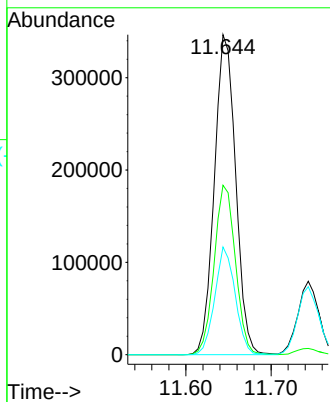
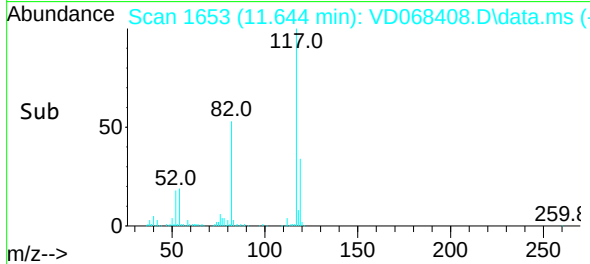
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



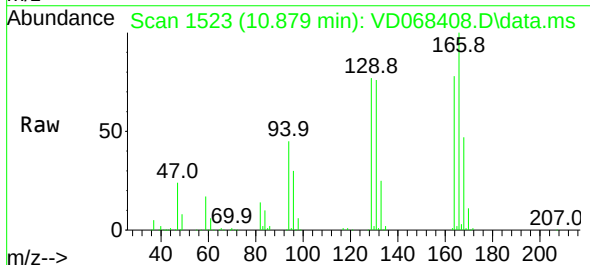
Tgt Ion:117 Resp: 603458
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 33.7 26.1 39.1

Manual Integrations
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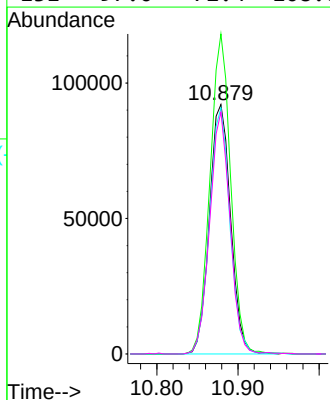
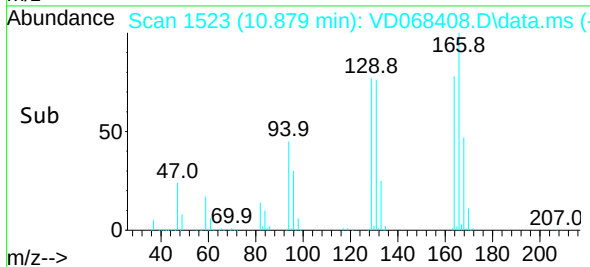
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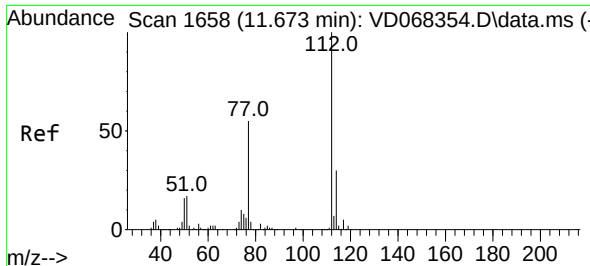


#64
Tetrachloroethene
Concen: 45.02 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



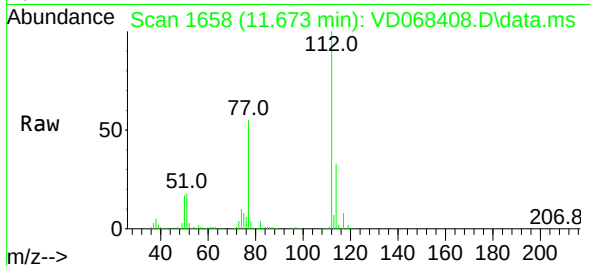
Tgt Ion:164 Resp: 167191
Ion Ratio Lower Upper
164 100
166 128.2 105.5 158.3
129 98.5 75.6 113.4
131 97.0 72.4 108.6





#65
Chlorobenzene
Concen: 46.35 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

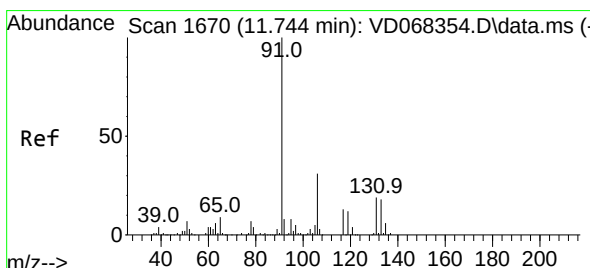
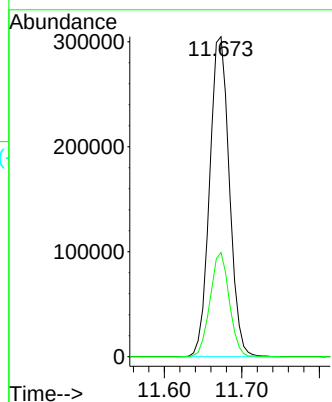
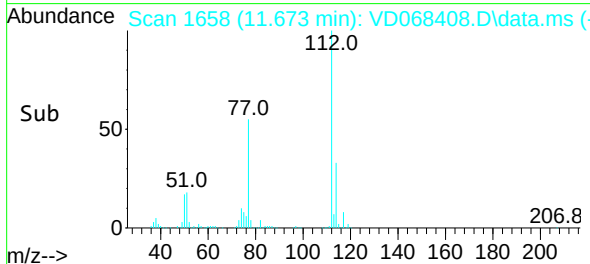
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



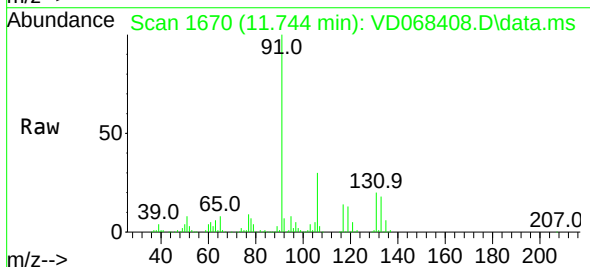
Tgt Ion:112 Resp: 537769
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

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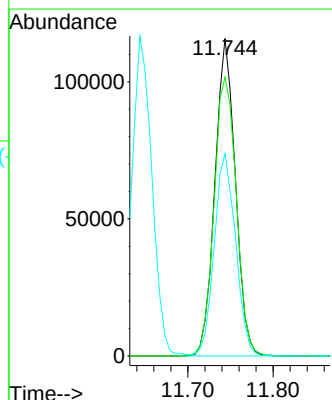
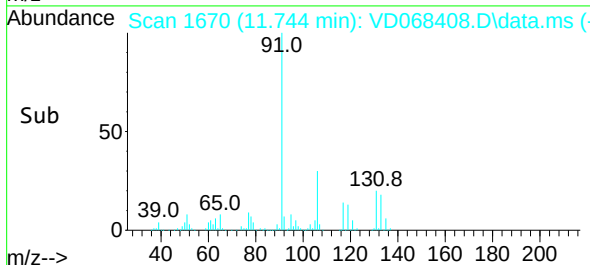
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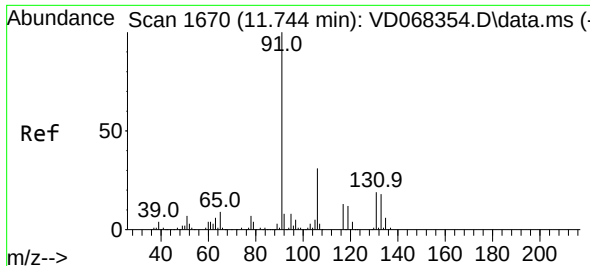


#66
1,1,1,2-Tetrachloroethane
Concen: 47.72 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion:131 Resp: 193180
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 66.7 31.6 94.8





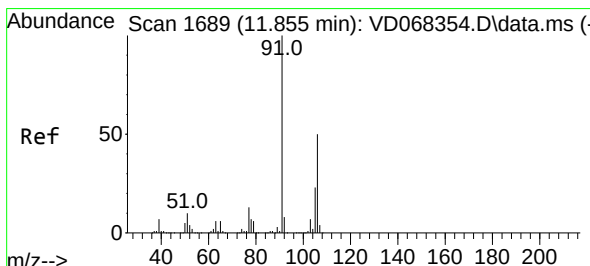
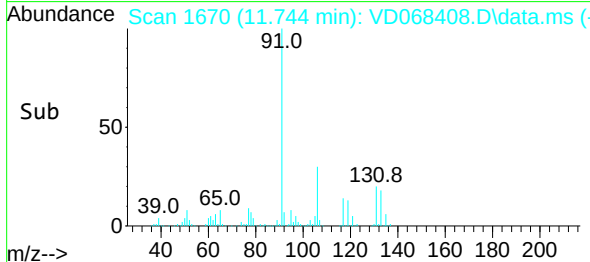
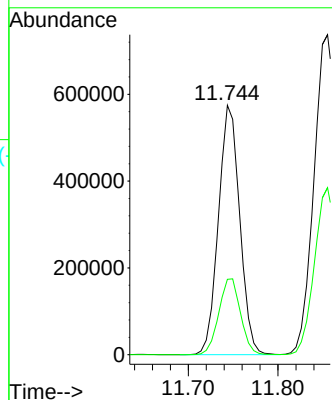
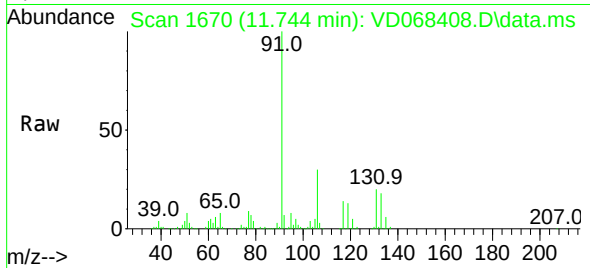
#67
Ethyl Benzene
Concen: 45.54 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 91 Resp: 947314
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

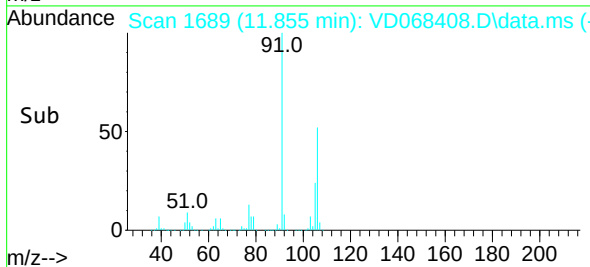
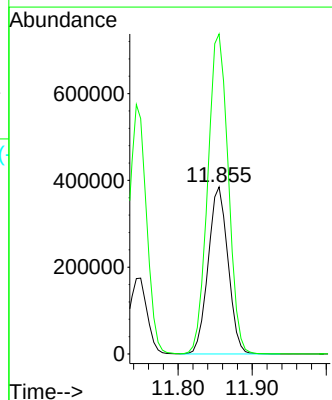
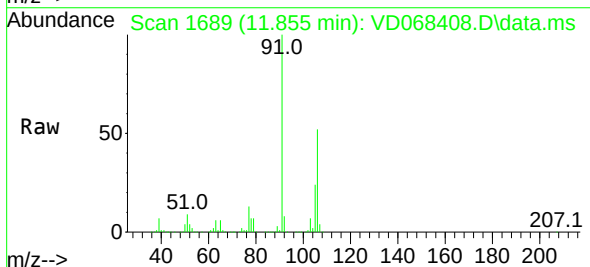
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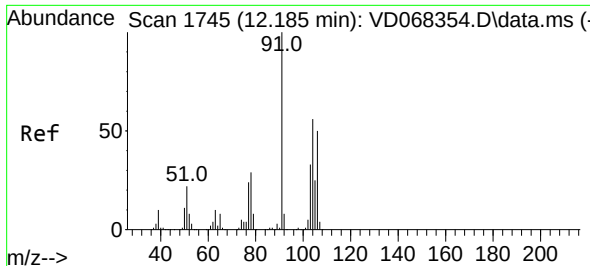
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#68
m/p-Xylenes
Concen: 91.05 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 106 Resp: 715879
Ion Ratio Lower Upper
106 100
91 198.0 159.1 238.7





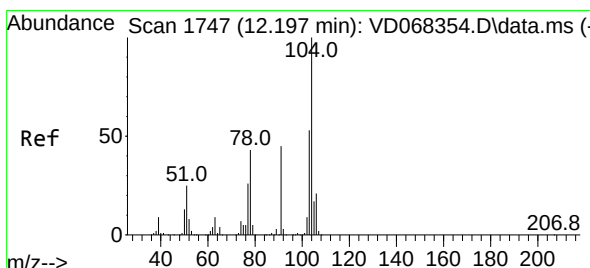
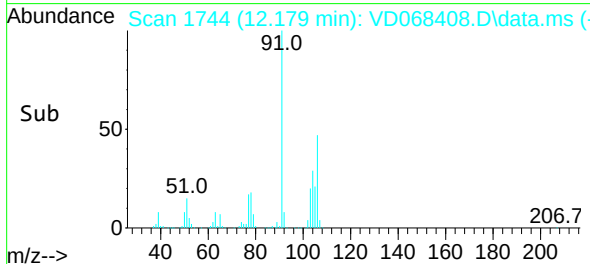
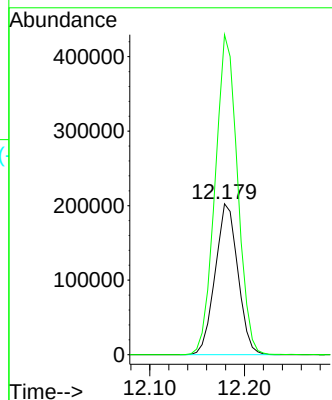
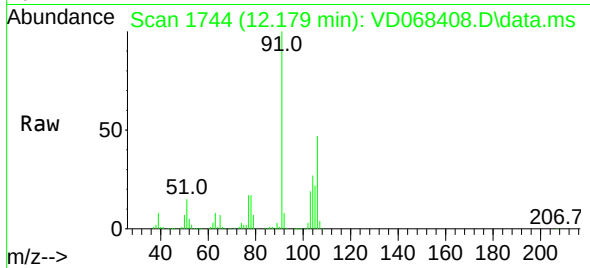
#69
o-Xylene
Concen: 46.74 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:106 Resp: 337162
Ion Ratio Lower Upper
106 100
91 209.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

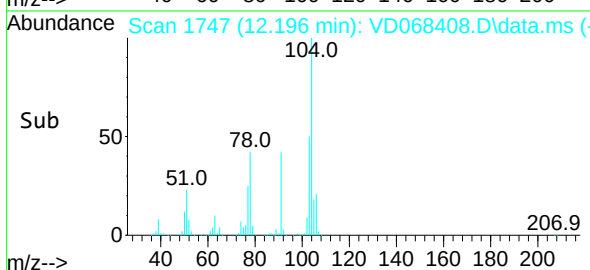
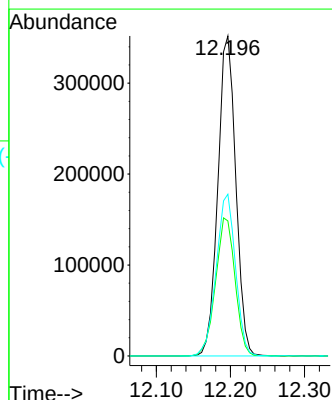
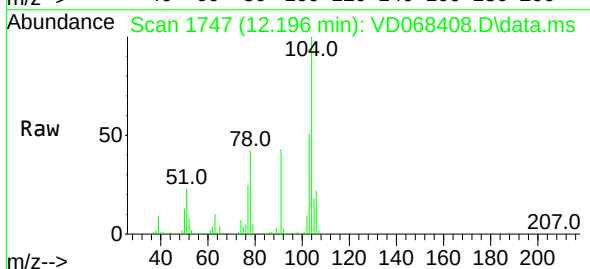
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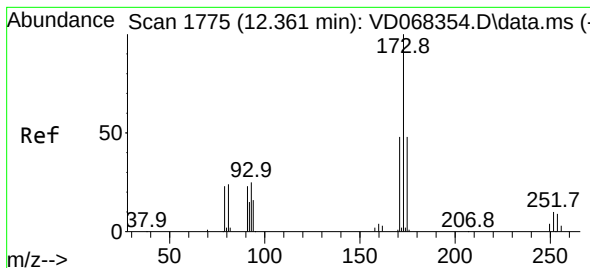
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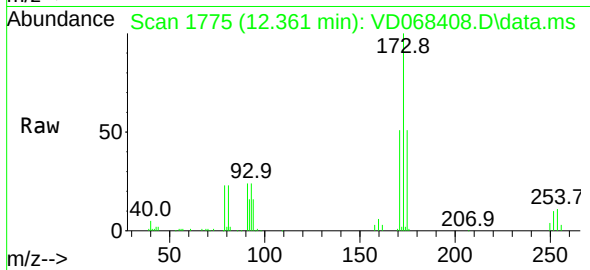
#70
Styrene
Concen: 47.14 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:104 Resp: 591501
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.2
103 54.6 43.1 64.7

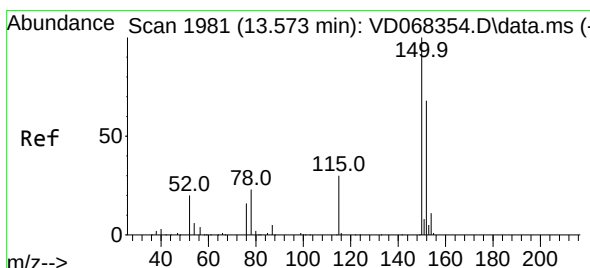
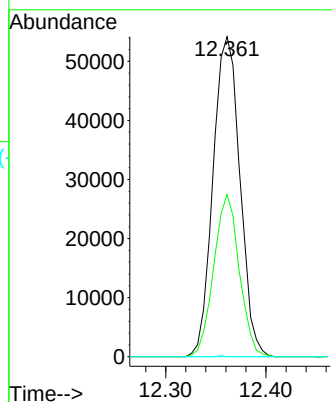
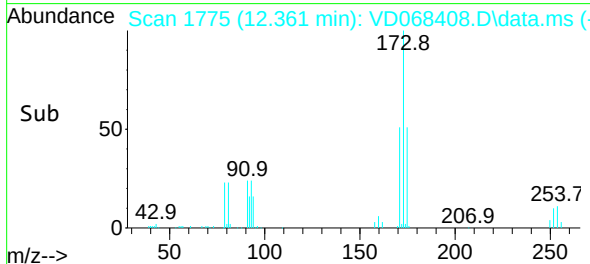




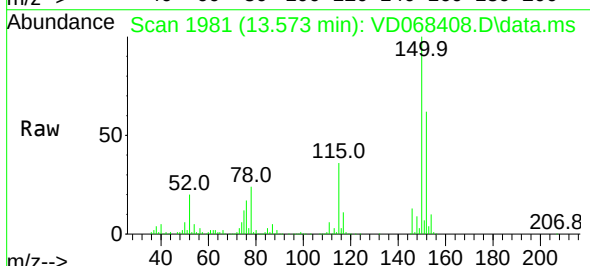
#71
Bromoform
Concen: 48.50 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



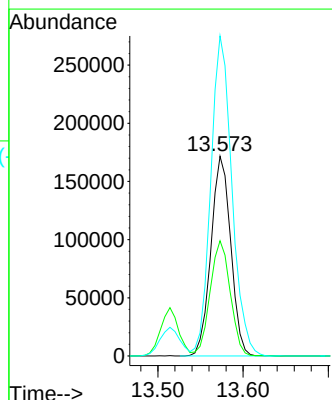
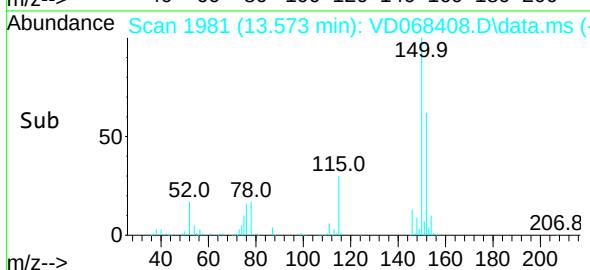
Tgt Ion:173 Resp: 100892
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



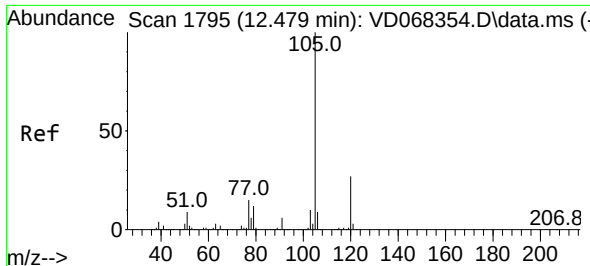
Tgt Ion:152 Resp: 277051
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 171.4 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

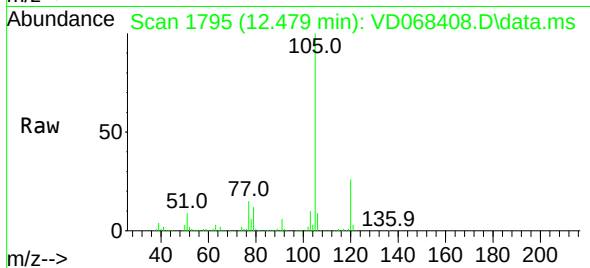
Manual Integrations
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#73
Isopropylbenzene
Concen: 44.96 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

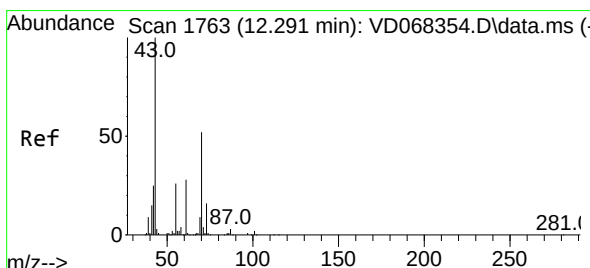
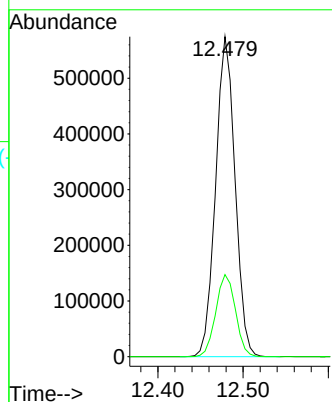
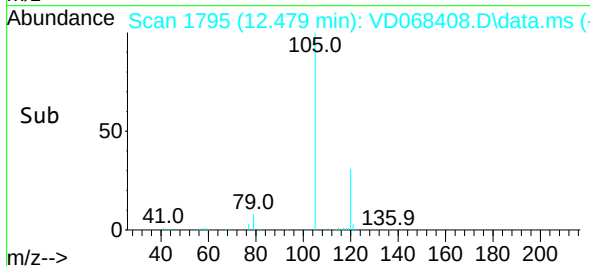
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



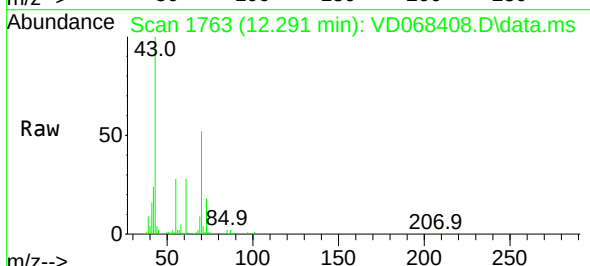
Tgt Ion:105 Resp: 909772
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6

Manual Integrations
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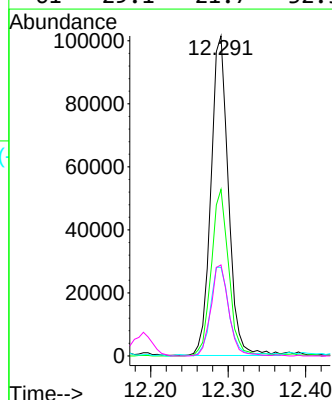
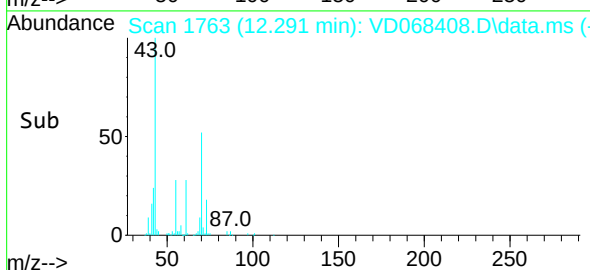
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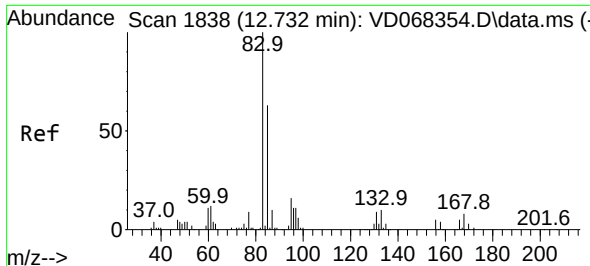


#74
N-ethyl acetate
Concen: 44.36 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion: 43 Resp: 158499
Ion Ratio Lower Upper
43 100
70 52.3 41.8 62.8
55 30.0 24.2 36.4
61 29.1 21.7 32.5





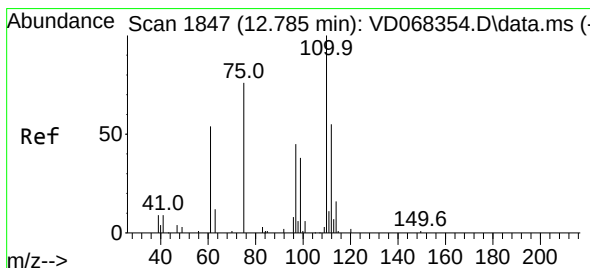
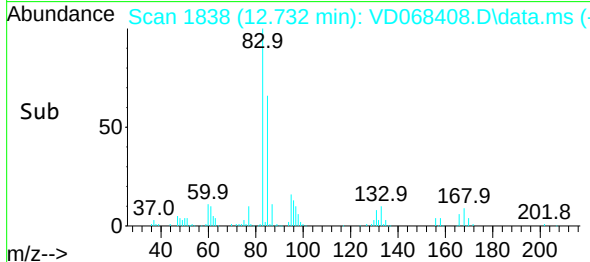
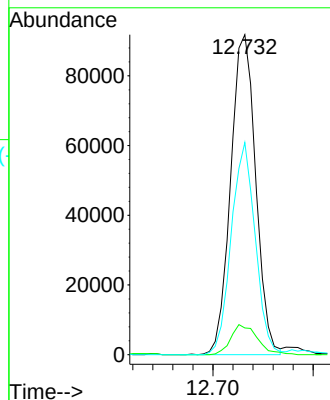
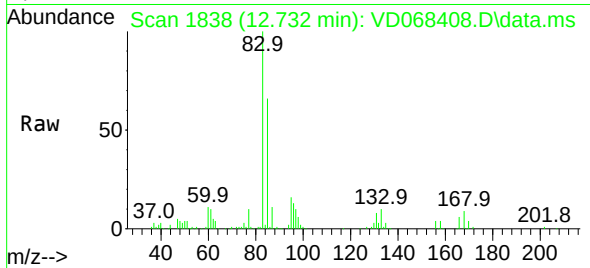
#75
1,1,2,2-Tetrachloroethane
Concen: 45.49 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 83 Resp: 159516
Ion Ratio Lower Upper
83 100
131 10.0 5.8 17.4
85 63.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

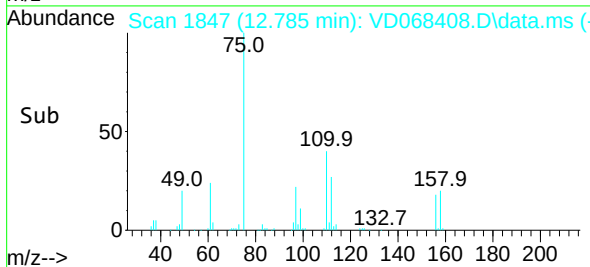
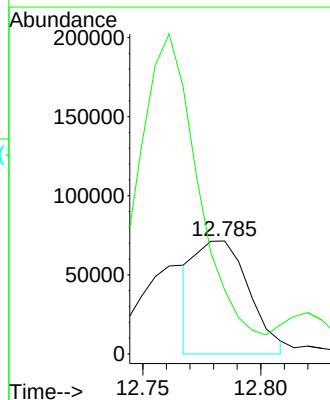
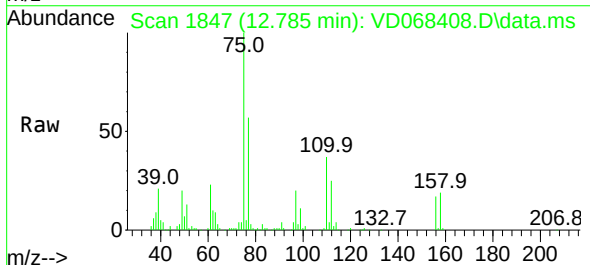
Manual Integrations
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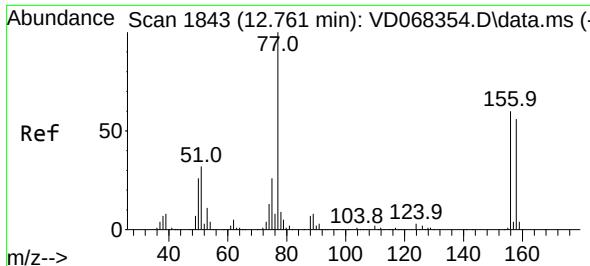
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#76
1,2,3-Trichloropropane
Concen: 43.33 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 75 Resp: 114230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





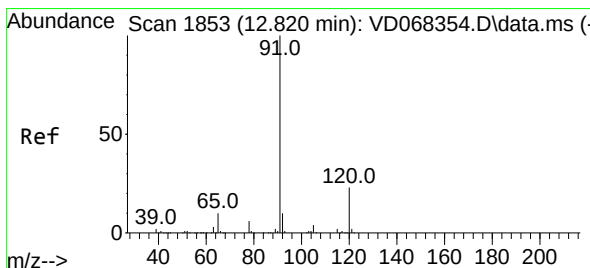
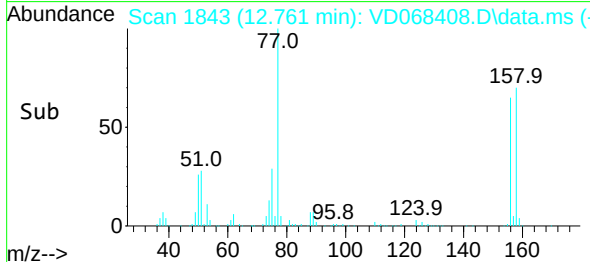
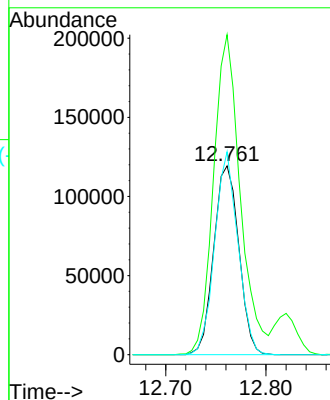
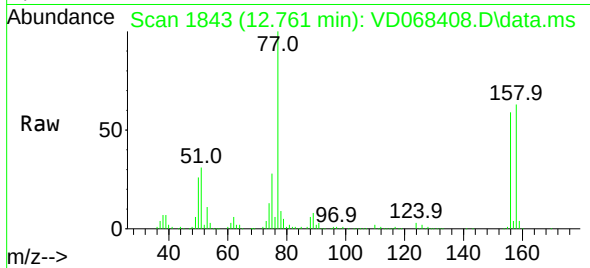
#77
Bromobenzene
Concen: 45.82 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 156 Resp: 207143
Ion Ratio Lower Upper
156 100
77 180.6 82.8 248.3
158 99.7 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

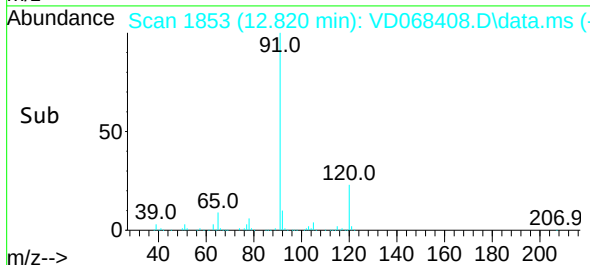
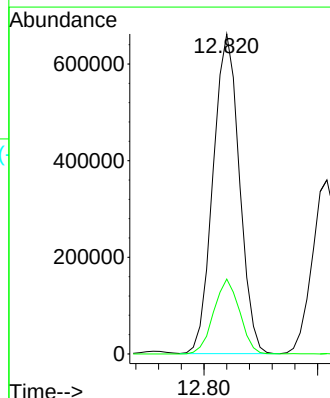
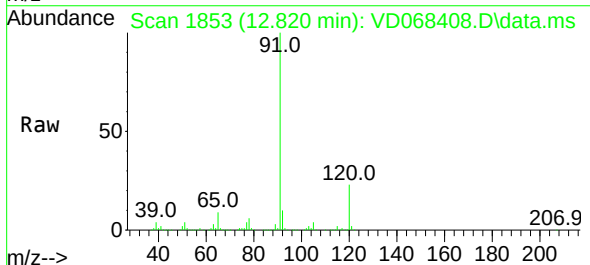
Manual Integrations
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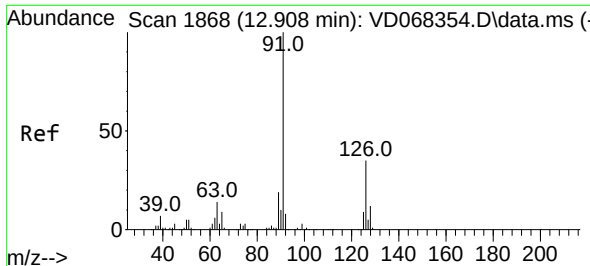
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#78
n-propylbenzene
Concen: 43.91 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 91 Resp: 1063665
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.0





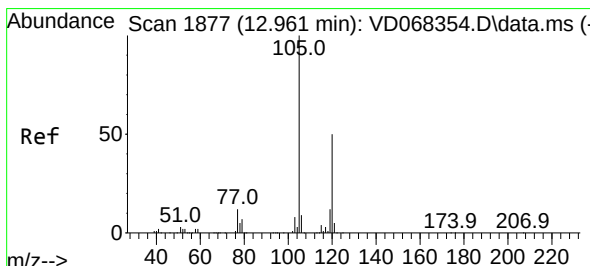
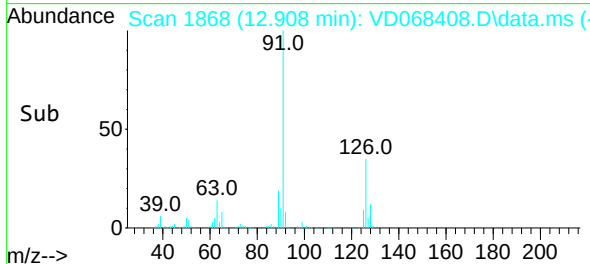
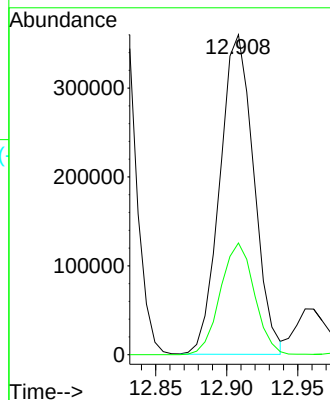
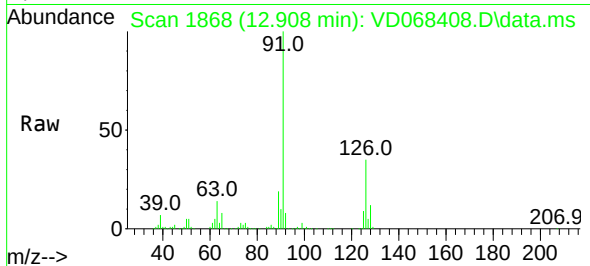
#79
2-Chlorotoluene
Concen: 44.59 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion: 91 Resp: 598233
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

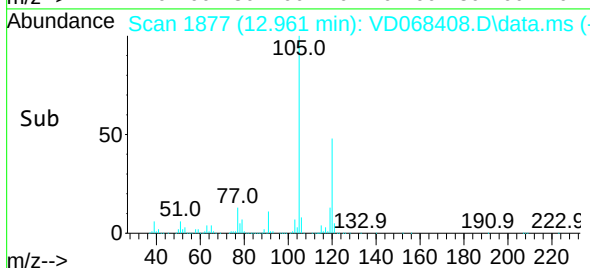
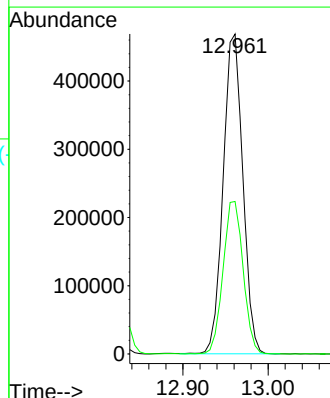
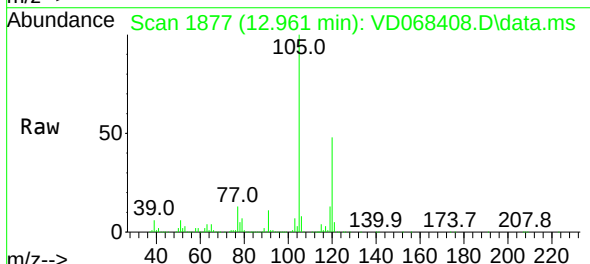
Manual Integrations
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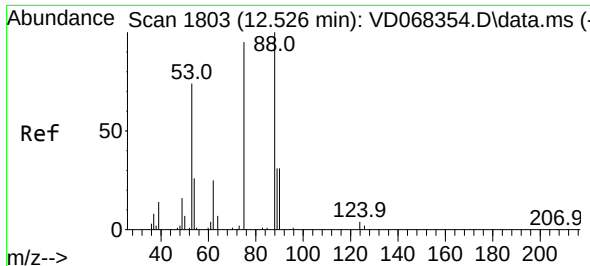
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#80
1,3,5-Trimethylbenzene
Concen: 45.50 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

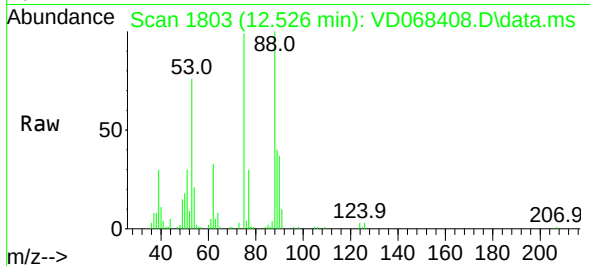
Tgt Ion:105 Resp: 752475
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.96 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

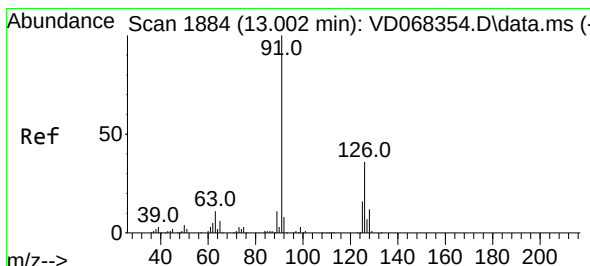
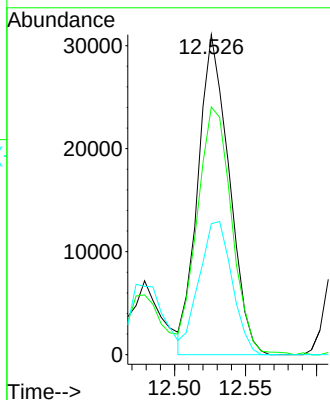
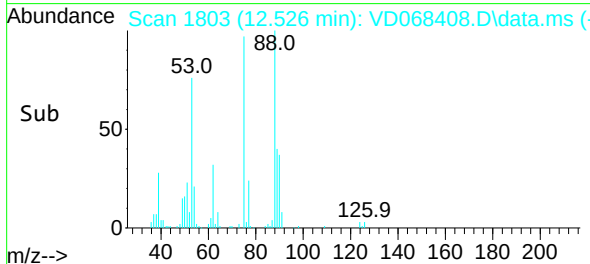
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



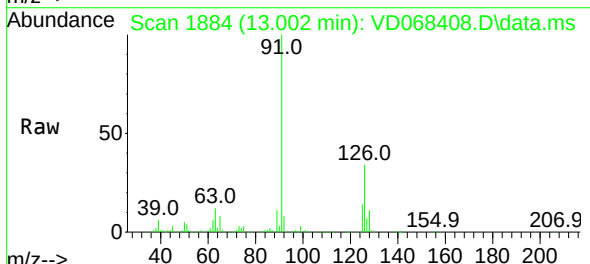
Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.4	70.2	105.2
89	44.3	40.3	60.5

Manual Integrations
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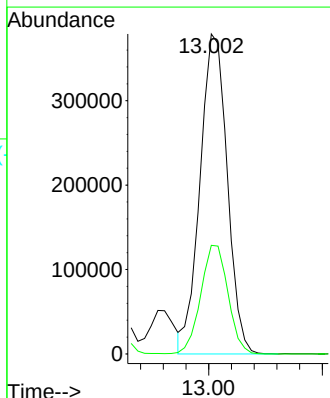
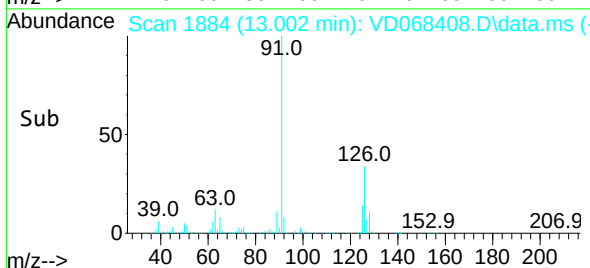
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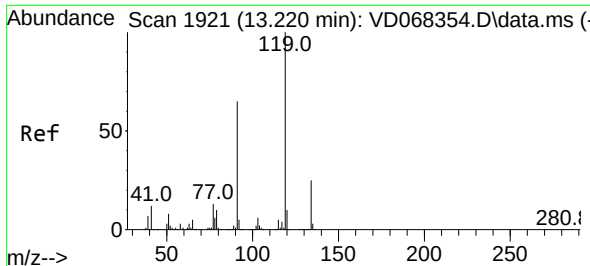


#82
4-Chlorotoluene
Concen: 44.50 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



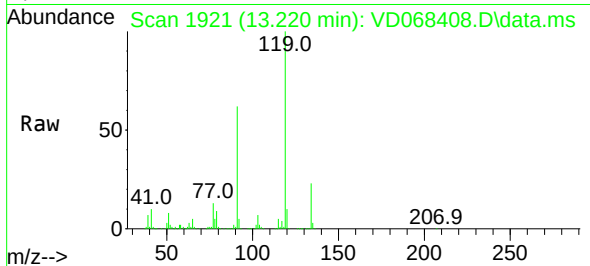
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.7	53.1





#83
tert-Butylbenzene
Concen: 45.77 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

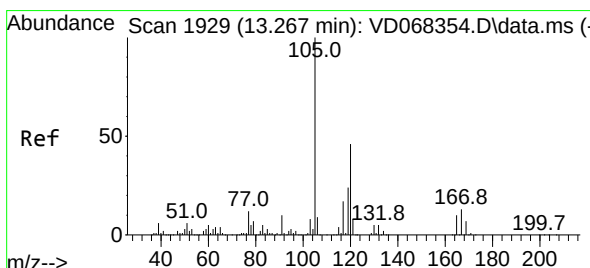
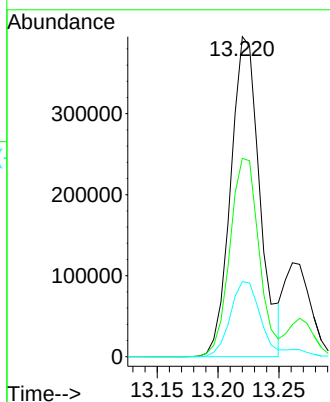
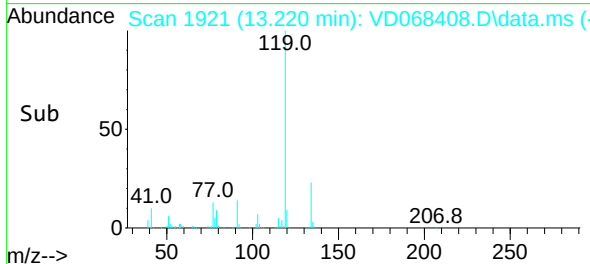
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



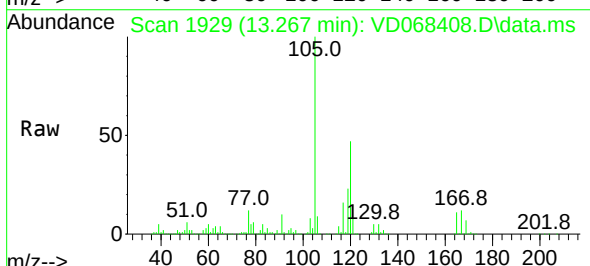
Tgt Ion:119 Resp: 656572
Ion Ratio Lower Upper
119 100
91 62.2 31.1 93.5
134 25.9 13.3 39.8

Manual Integrations
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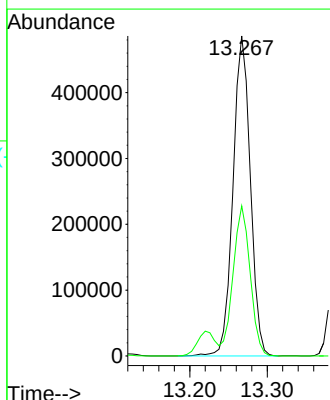
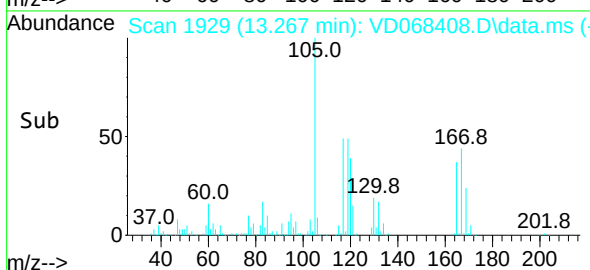
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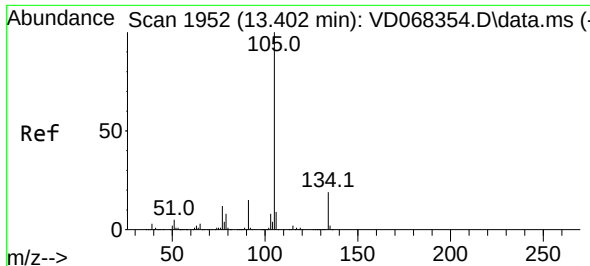


#84
1,2,4-Trimethylbenzene
Concen: 45.91 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

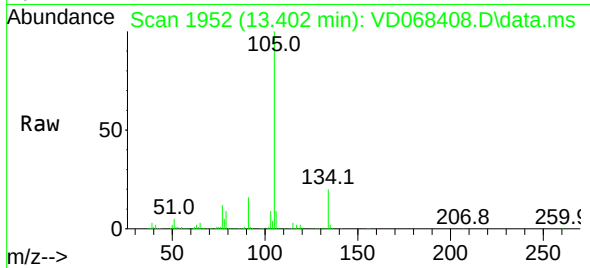


Tgt Ion:105 Resp: 756426
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0

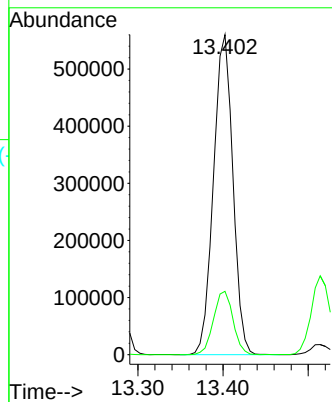
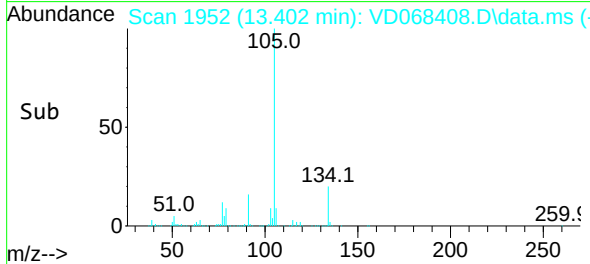




#85
 sec-Butylbenzene
 Concen: 44.15 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09



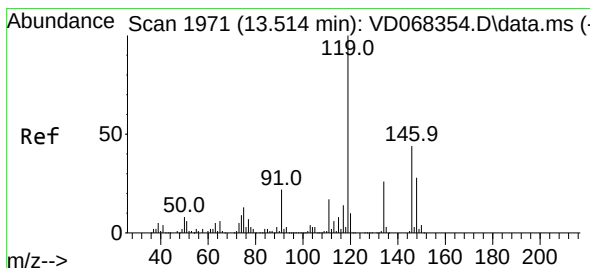
Tgt Ion:105 Resp: 885738
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9



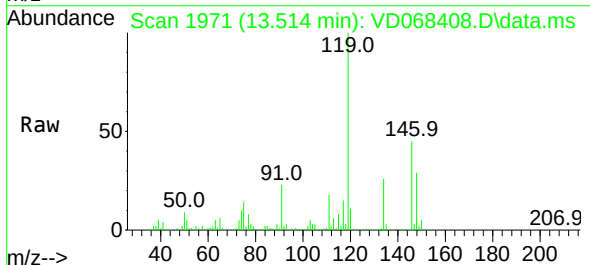
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

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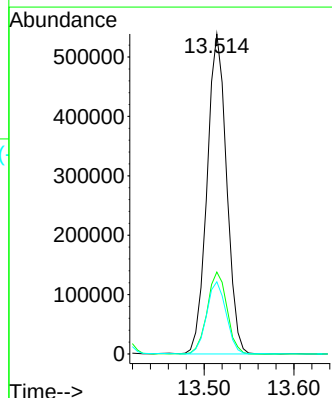
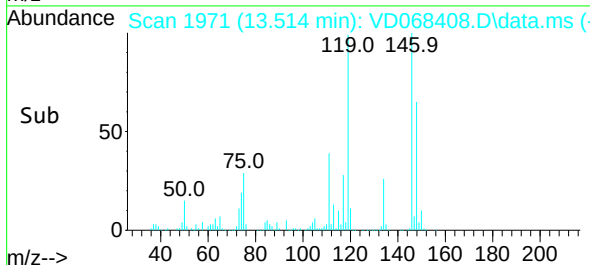
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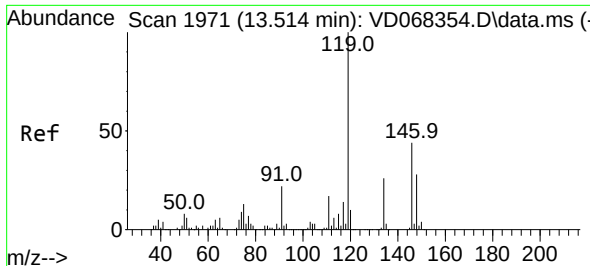


#86
 p-Isopropyltoluene
 Concen: 45.22 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068408.D
 Acq: 19 Feb 2021 20:09



Tgt Ion:119 Resp: 814590
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 22.5 11.7 35.0





#87

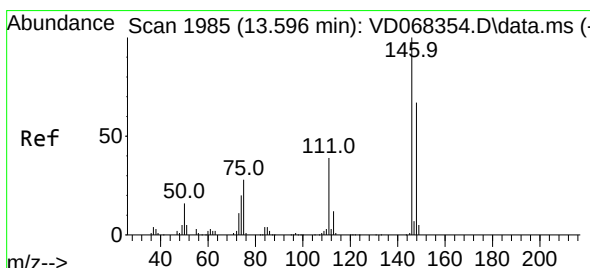
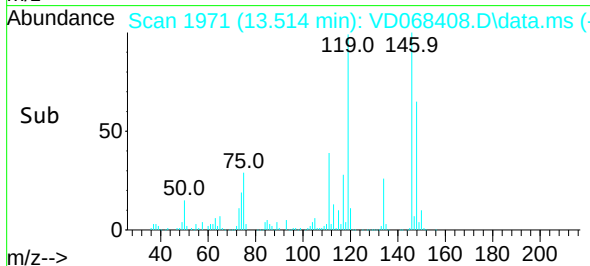
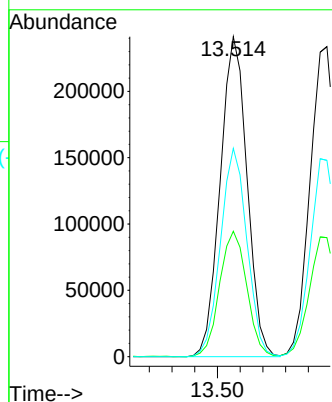
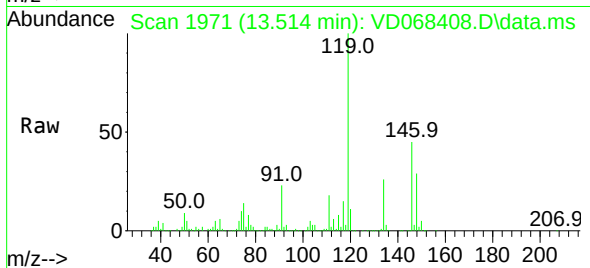
1,3-Dichlorobenzene
Concen: 45.30 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:146 Resp: 396181
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 64.3 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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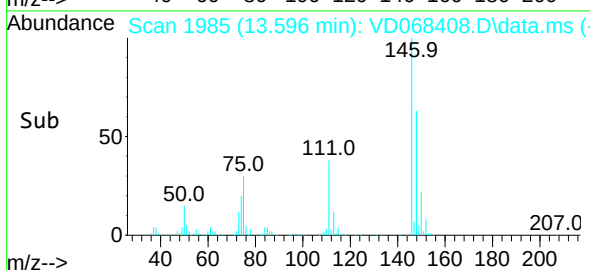
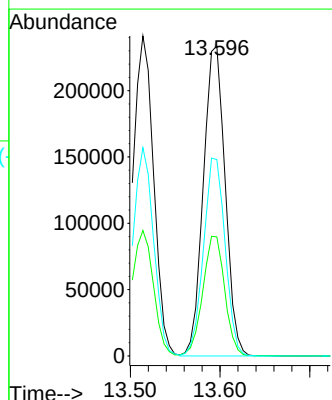
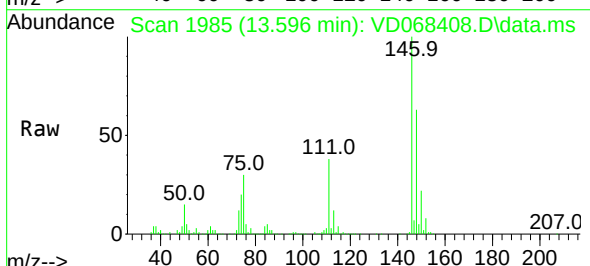
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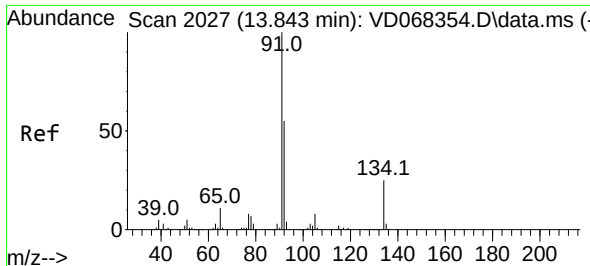


#88

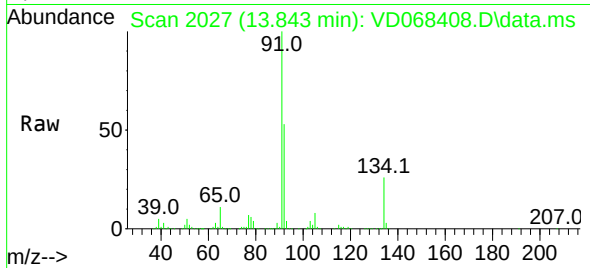
1,4-Dichlorobenzene
Concen: 45.31 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:146 Resp: 394290
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.4 31.9 95.7

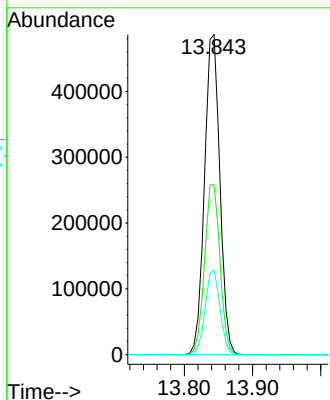
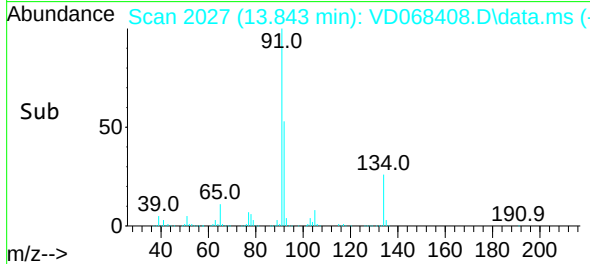




#89
n-Butylbenzene
Concen: 43.38 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



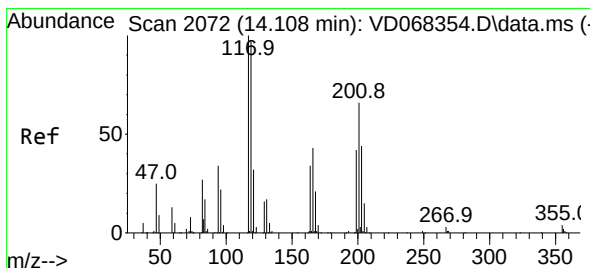
Tgt Ion:	91	Resp:	762401
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.6
134	25.7	13.9	41.7



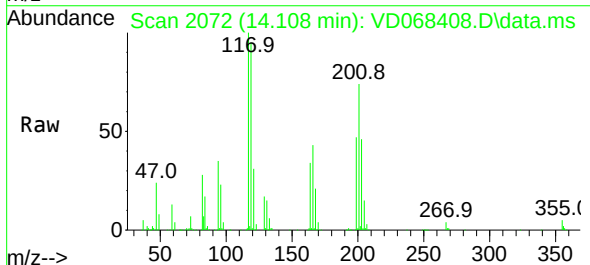
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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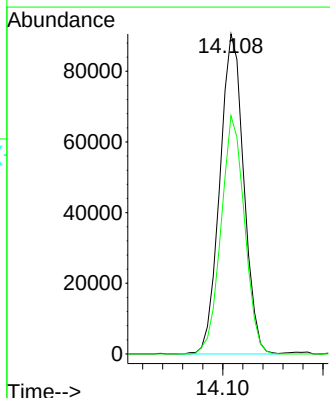
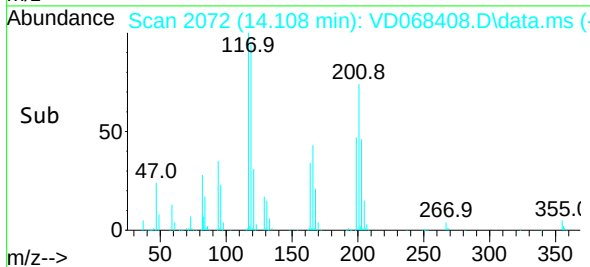
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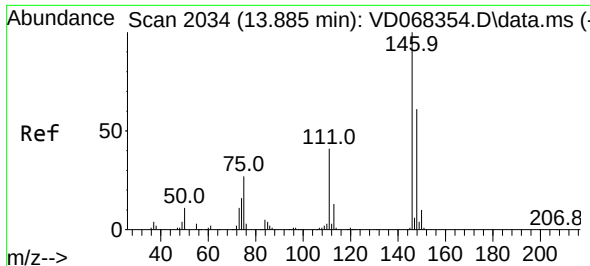


#90
Hexachloroethane
Concen: 45.81 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



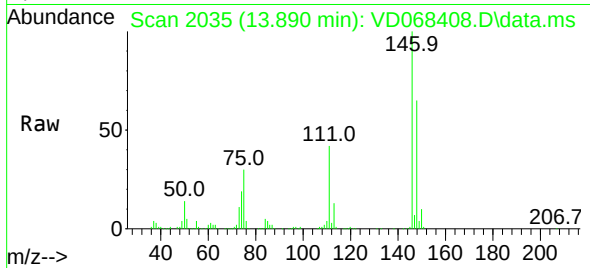
Tgt Ion:	117	Resp:	149824
Ion	Ratio	Lower	Upper
117	100		
201	73.0	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 45.67 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

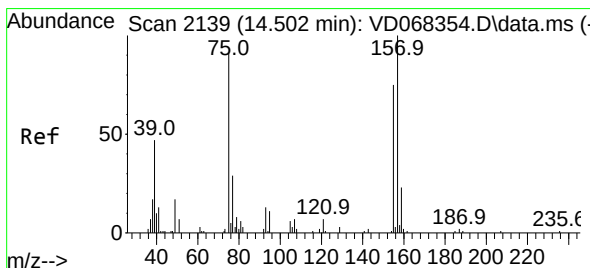
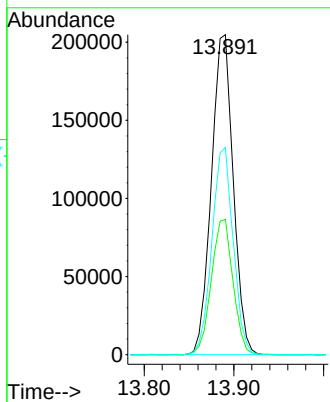
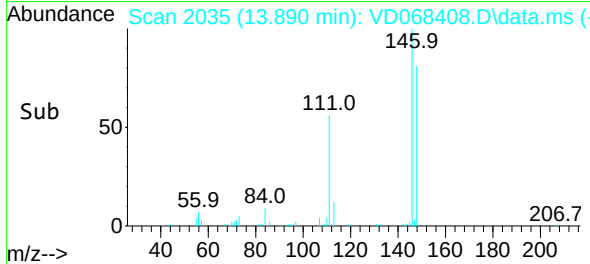
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



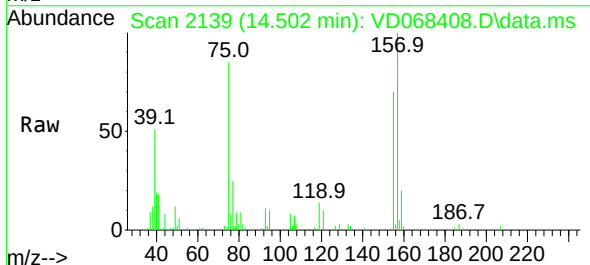
Tgt Ion:146 Resp: 346362
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.2 31.7 95.1

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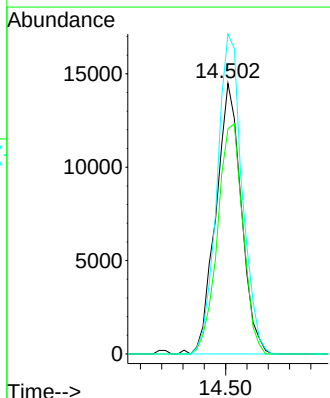
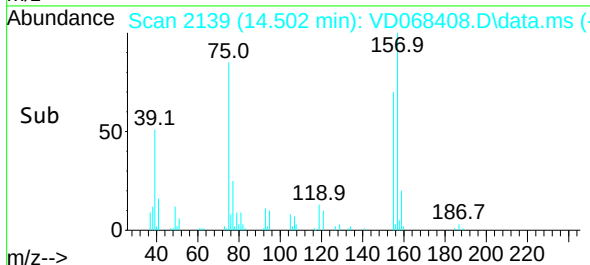
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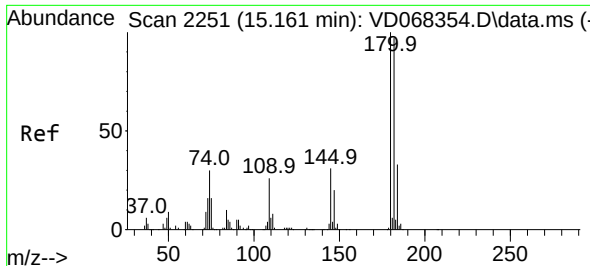


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.65 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion: 75 Resp: 23918
Ion Ratio Lower Upper
75 100
155 85.2 48.0 144.2
157 117.1 65.0 194.8





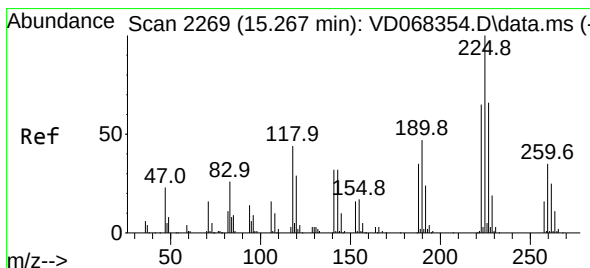
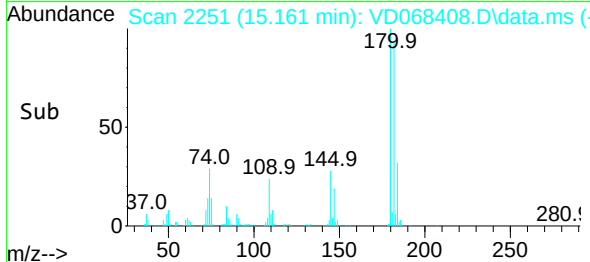
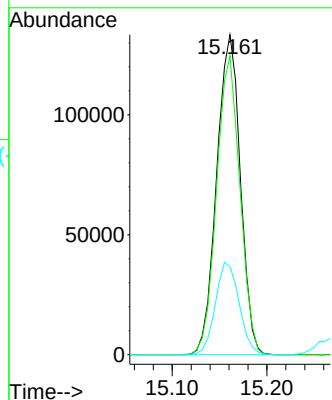
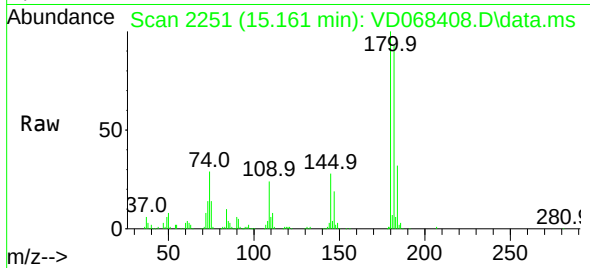
#93
1,2,4-Trichlorobenzene
Concen: 46.65 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:180 Resp: 231711
Ion Ratio Lower Upper
180 100
182 92.1 46.8 140.4
145 29.0 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

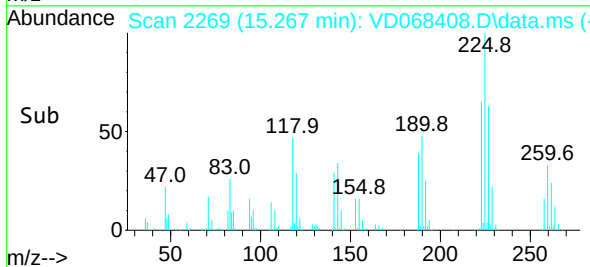
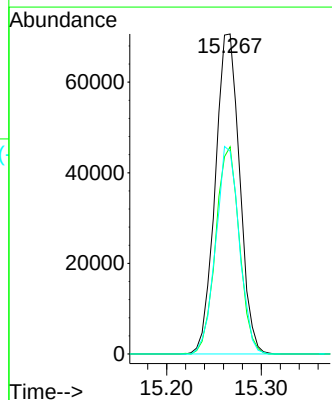
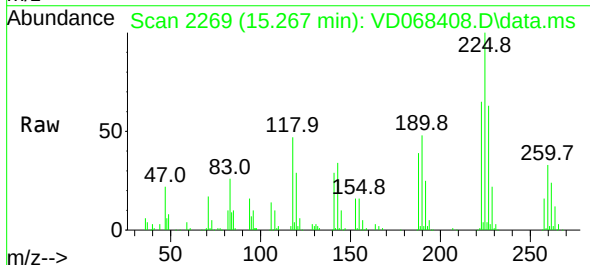
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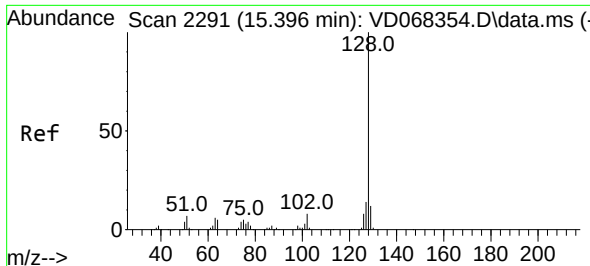
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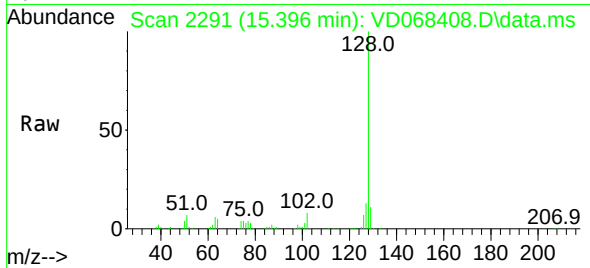
#94
Hexachlorobutadiene
Concen: 46.23 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09

Tgt Ion:225 Resp: 126313
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.5
227 62.6 32.1 96.5

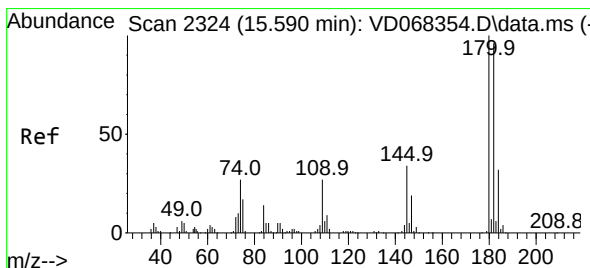
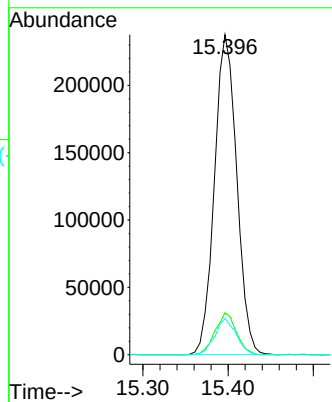
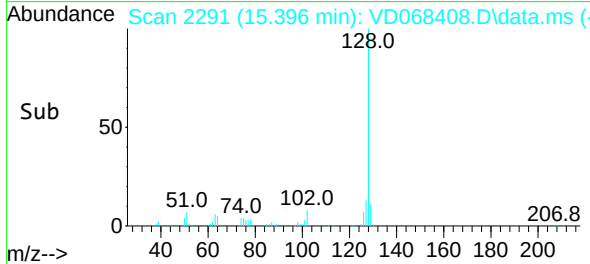




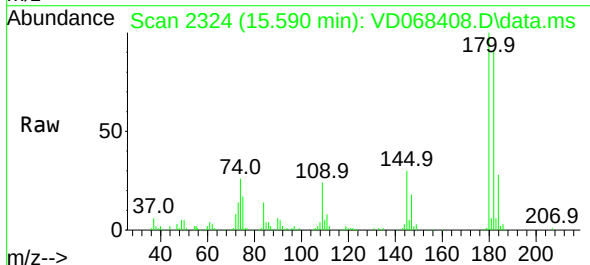
#95
Naphthalene
Concen: 46.86 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



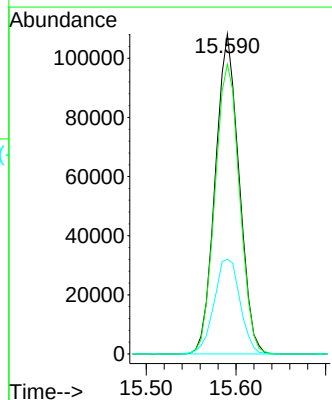
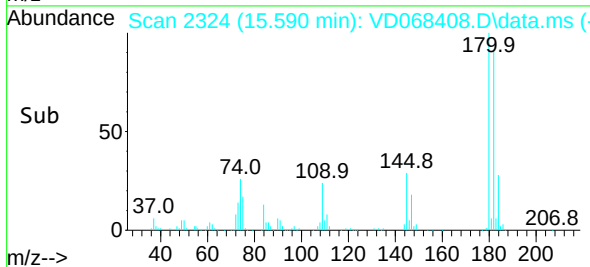
Tgt Ion:128 Resp: 432750
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.90 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068408.D
Acq: 19 Feb 2021 20:09



Tgt Ion:180 Resp: 198894
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 32.5 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:05 PM