

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
 Data File : VD069412.D
 Acq On : 11 Jun 2021 11:00
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 6/14/2021 10:56:23 AM

Quant Time: Jun 11 12:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:10:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	388107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	593898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	84318	19.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.060%#		
35) Dibromofluoromethane	7.914	113	90873	19.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.940%#		
50) Toluene-d8	10.338	98	339622	20.522	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	41.040%#		
62) 4-Bromofluorobenzene	12.626	95	102673	19.677	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	73437	18.339	ug/l	96
3) Chloromethane	2.209	50	74121	18.282	ug/l	97
4) Vinyl Chloride	2.350	62	87829	18.164	ug/l	98
5) Bromomethane	2.750	94	70263	17.742	ug/l	88
6) Chloroethane	2.915	64	62937	18.882	ug/l	96
7) Trichlorofluoromethane	3.267	101	149949	19.027	ug/l	97
8) Diethyl Ether	3.709	74	35792	19.355	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	91388	19.436	ug/l	98
10) Methyl Iodide	4.303	142	73361	19.396	ug/l	98
11) Tert butyl alcohol	5.220	59	22740	96.969	ug/l	100
12) 1,1-Dichloroethene	4.067	96	76426	18.572	ug/l	96
13) Acrolein	3.926	56	29043	106.058	ug/l	99
14) Allyl chloride	4.714	41	88502	18.944	ug/l	96
15) Acrylonitrile	5.420	53	70281	97.683	ug/l	98
16) Acetone	4.156	43	68771	91.704	ug/l	94
17) Carbon Disulfide	4.409	76	240125	17.927	ug/l	98
18) Methyl Acetate	4.720	43	39269	18.706	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	140437	19.951	ug/l	98
20) Methylene Chloride	4.961	84	125955	16.282	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	91826	19.151	ug/l	91
22) Diisopropyl ether	6.367	45	190150	20.579	ug/l #	93
23) Vinyl Acetate	6.308	43	482118	100.937	ug/l	97
24) 1,1-Dichloroethane	6.267	63	154737	19.027	ug/l	96
25) 2-Butanone	7.208	43	82840	94.857	ug/l	98
26) 2,2-Dichloropropane	7.208	77	140000	19.591	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	96268	18.765	ug/l	100
28) Bromochloromethane	7.550	49	53987	18.392	ug/l	97
29) Tetrahydrofuran	7.561	42	47738	99.529	ug/l	99
30) Chloroform	7.708	83	170837	18.620	ug/l	97
31) Cyclohexane	7.985	56	107938	18.055	ug/l #	93
32) 1,1,1-Trichloroethane	7.902	97	149946	18.712	ug/l	99
36) 1,1-Dichloropropene	8.114	75	123387	19.257	ug/l	99
37) Ethyl Acetate	7.291	43	42201	20.061	ug/l #	95
38) Carbon Tetrachloride	8.097	117	137280	19.354	ug/l	96
39) Methylcyclohexane	9.355	83	115671	18.978	ug/l	99
40) Benzene	8.350	78	361322	19.233	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	18952	18.656	ug/l	98
42) 1,2-Dichloroethane	8.420	62	99725	19.062	ug/l	98
43) Isopropyl Acetate	8.455	43	79114	19.994	ug/l	98
44) Trichloroethene	9.114	130	101851	19.289	ug/l	95
45) 1,2-Dichloropropane	9.385	63	89360	19.332	ug/l	99
46) Dibromomethane	9.473	93	53070	20.157	ug/l	96
47) Bromodichloromethane	9.661	83	132836	19.376	ug/l	98
48) Methyl methacrylate	9.455	41	33233	19.165	ug/l	86
49) 1,4-Dioxane	9.461	88	10160	414.890	ug/l #	93
51) 4-Methyl-2-Pentanone	10.226	43	201184	100.564	ug/l	99
52) Toluene	10.402	92	230493	19.758	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	113039	20.040	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	134819	19.784	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	71066	19.497	ug/l	93
56) Ethyl methacrylate	10.655	69	67241	20.153	ug/l	98
57) 1,3-Dichloropropane	10.944	76	113598	19.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	172227	101.811	ug/l	97
59) 2-Hexanone	10.979	43	135695	103.521	ug/l	95
60) Dibromochloromethane	11.138	129	92206	19.889	ug/l	95
61) 1,2-Dibromoethane	11.243	107	70331	20.232	ug/l	96
64) Tetrachloroethene	10.873	164	88689	18.678	ug/l	95
65) Chlorobenzene	11.667	112	252515	19.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	99686	19.715	ug/l	97
67) Ethyl Benzene	11.743	91	415557	19.820	ug/l	99
68) m/p-Xylenes	11.849	106	333654	39.655	ug/l	98
69) o-Xylene	12.179	106	147127	20.268	ug/l	99
70) Styrene	12.191	104	263547	20.565	ug/l	100
71) Bromoform	12.355	173	51448	19.921	ug/l #	98
73) Isopropylbenzene	12.473	105	397174	19.797	ug/l	98
74) N-amyl acetate	12.285	43	70696	20.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	78919	19.385	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	60938m	26.316	ug/l	
77) Bromobenzene	12.755	156	99305	19.058	ug/l	99
78) n-propylbenzene	12.814	91	498153	20.021	ug/l	100
79) 2-Chlorotoluene	12.902	91	283160	19.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	344656	20.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20862	19.140	ug/l	90
82) 4-Chlorotoluene	12.996	91	304890	19.973	ug/l	100
83) tert-Butylbenzene	13.220	119	284509	19.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	342625	20.274	ug/l	98
85) sec-Butylbenzene	13.396	105	423810	19.799	ug/l	100
86) p-Isopropyltoluene	13.508	119	367159	19.994	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	202136	19.154	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	202975	19.043	ug/l	98
89) n-Butylbenzene	13.837	91	335627	19.566	ug/l	99
90) Hexachloroethane	14.102	117	69978	18.390	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	181727	19.578	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11516	18.803	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	100283	19.353	ug/l	98
94) Hexachlorobutadiene	15.255	225	65107	19.315	ug/l	98
95) Naphthalene	15.390	128	161335	19.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	90149	20.130	ug/l	100

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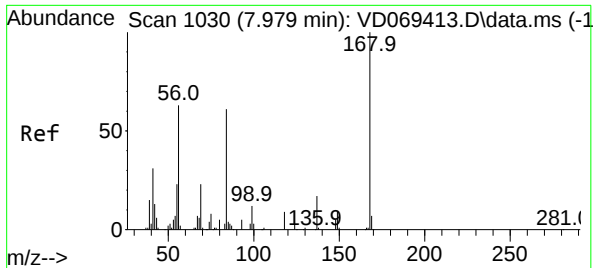
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



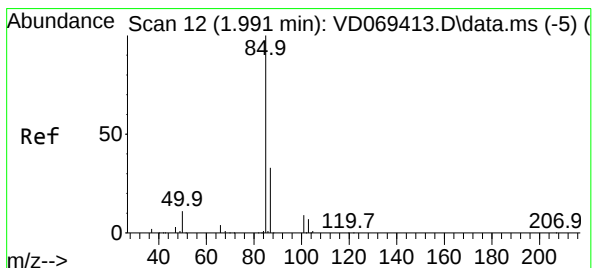
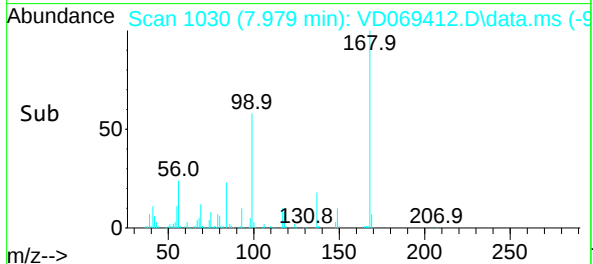
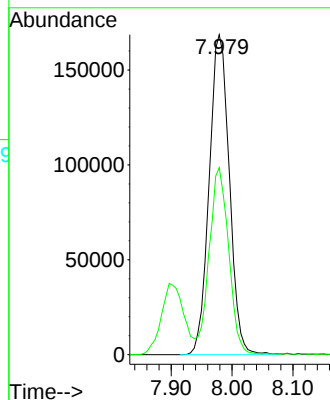
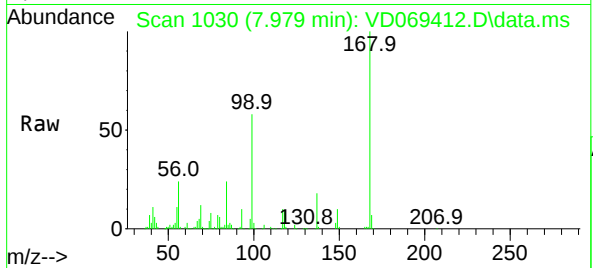
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 168 Resp: 388107
Ion Ratio Lower Upper
168 100
99 58.3 46.2 69.2

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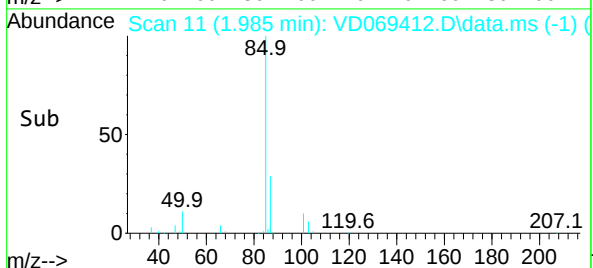
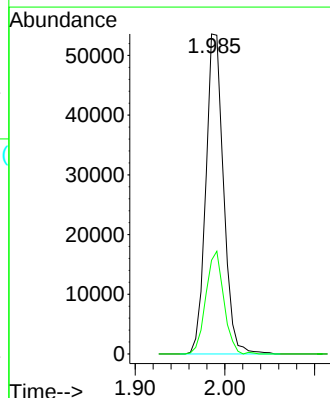
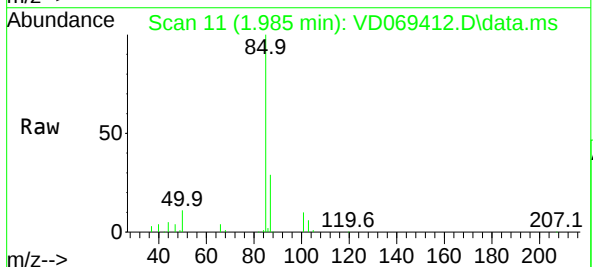
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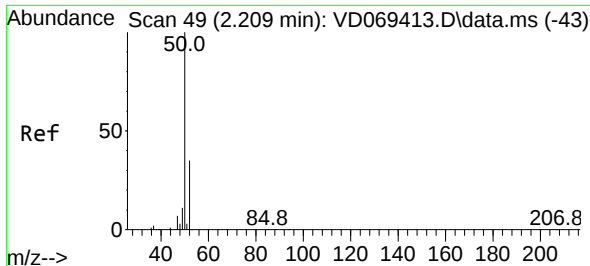
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#2
Dichlorodifluoromethane
Concen: 18.339 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

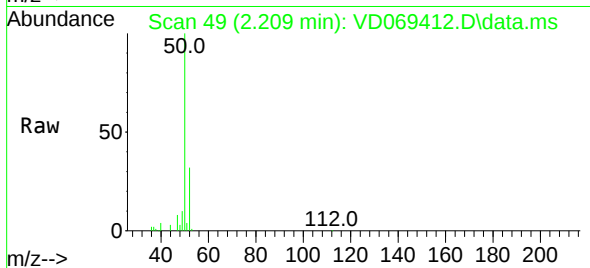
Tgt Ion: 85 Resp: 73437
Ion Ratio Lower Upper
85 100
87 29.3 15.9 47.7





#3
Chloromethane
Concen: 18.282 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

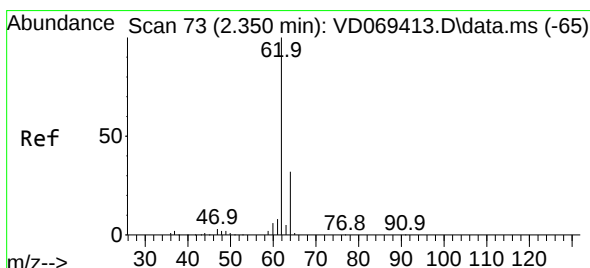
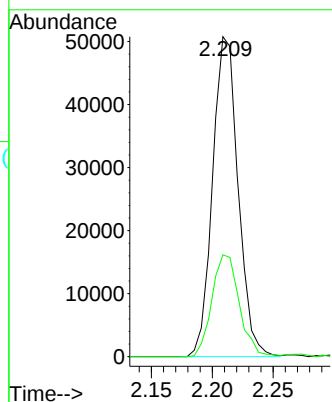
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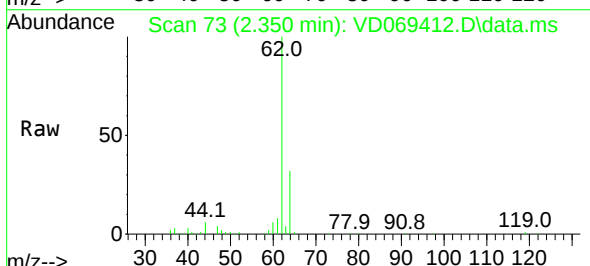
Tgt Ion: 50 Resp: 74121
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1

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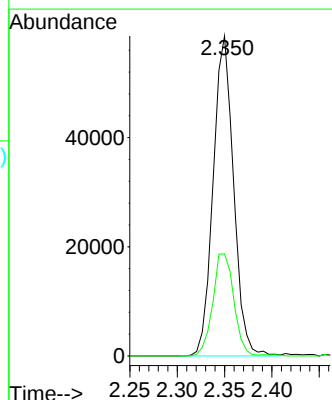
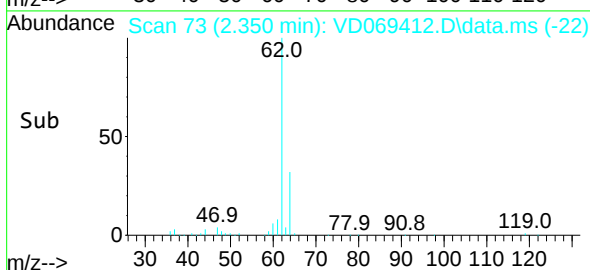
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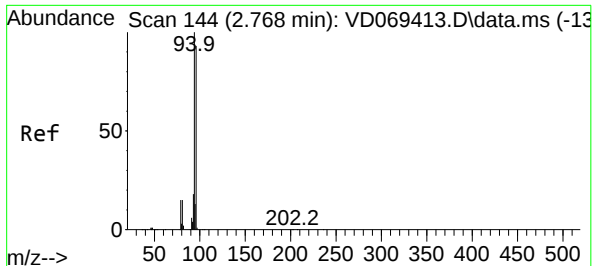


#4
Vinyl Chloride
Concen: 18.164 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion: 62 Resp: 87829
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





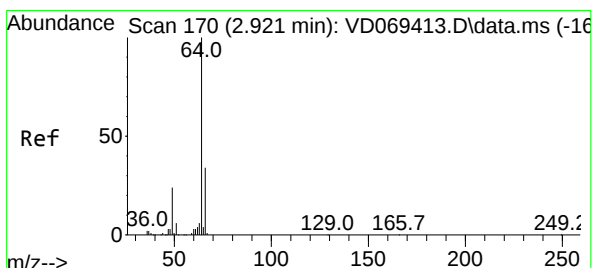
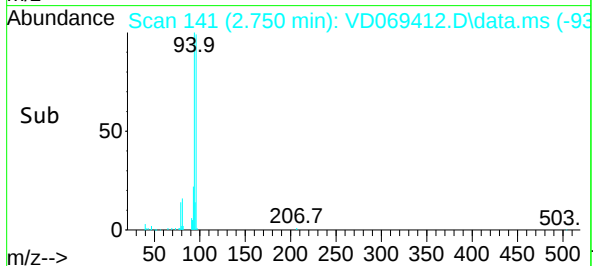
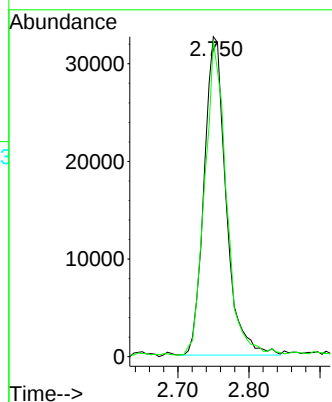
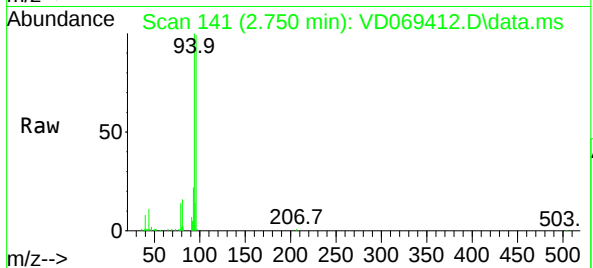
#5
Bromomethane
Concen: 17.742 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.018 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 94 Resp: 70263
Ion Ratio Lower Upper
94 100
96 98.6 70.3 105.5

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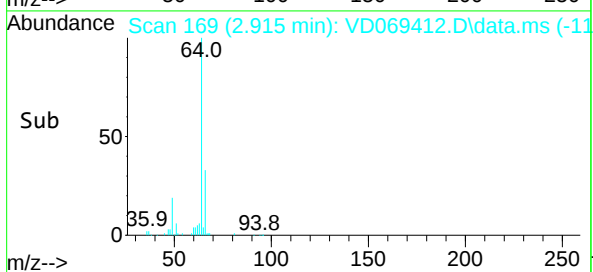
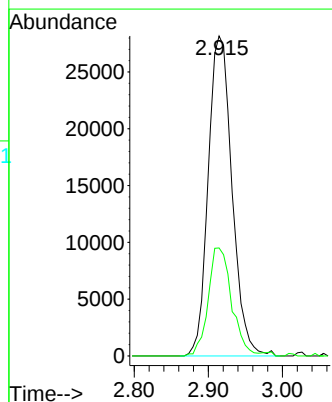
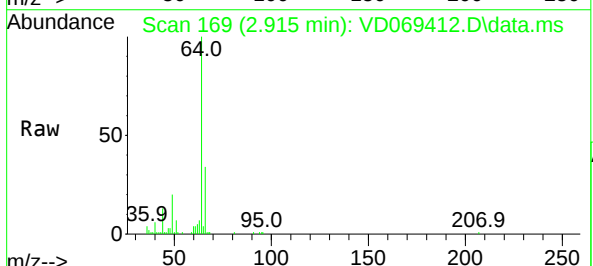
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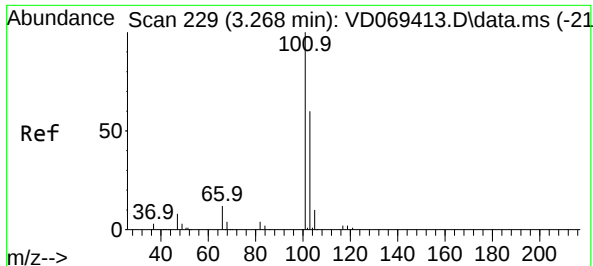
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6/14/2021 10:56:23 AM



#6
Chloroethane
Concen: 18.882 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 64 Resp: 62937
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0





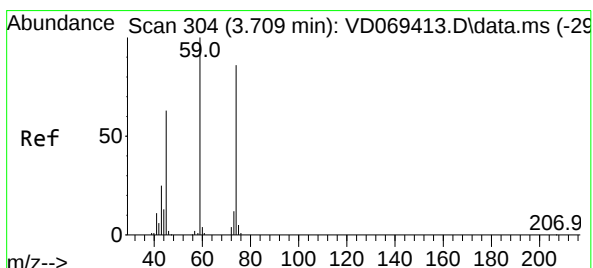
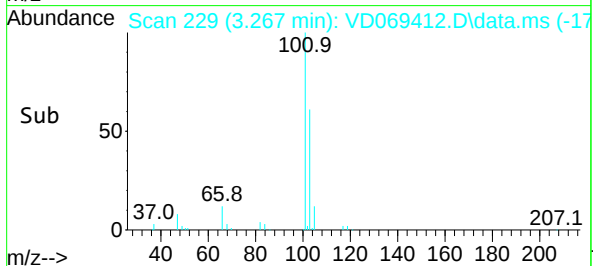
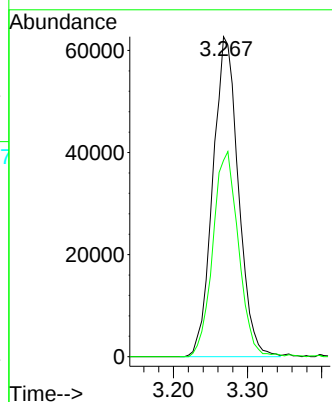
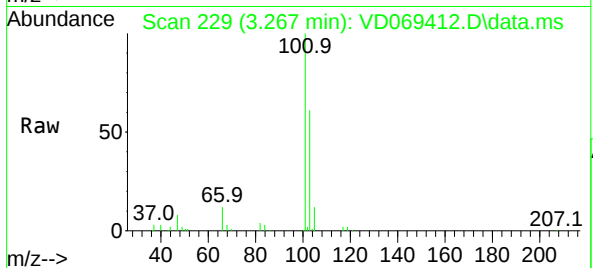
#7
Trichlorofluoromethane
Concen: 19.027 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:101 Resp: 149949
Ion Ratio Lower Upper
101 100
103 61.4 51.0 76.4

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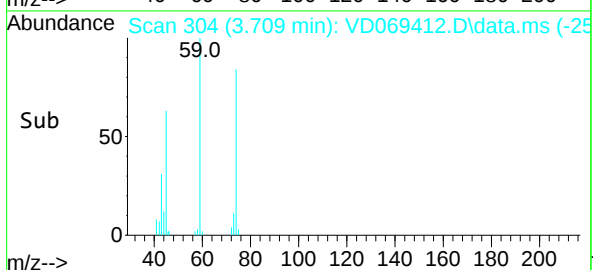
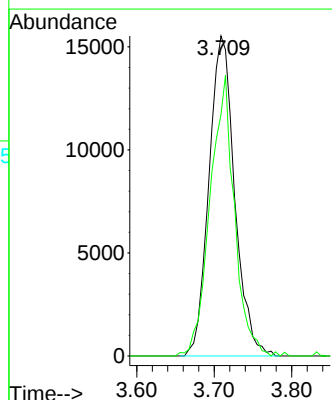
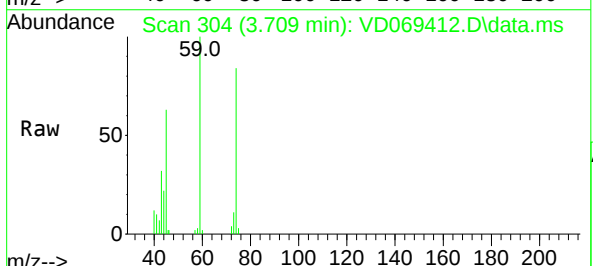
Manual Integrations
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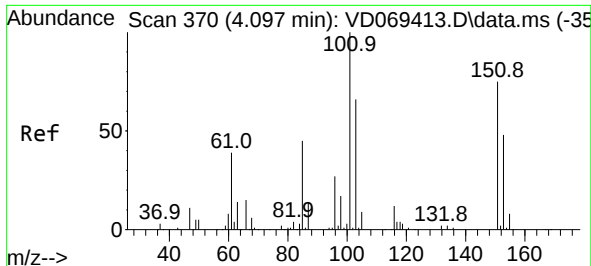
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6/14/2021 10:56:23 AM



#8
Diethyl Ether
Concen: 19.355 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 74 Resp: 35792
Ion Ratio Lower Upper
74 100
45 82.8 42.4 127.3





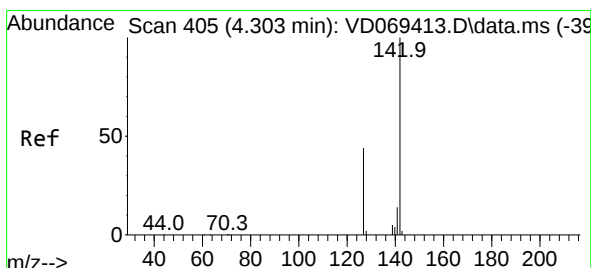
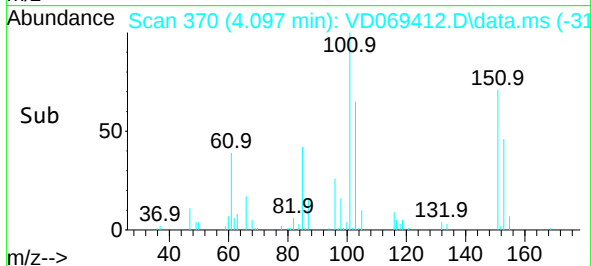
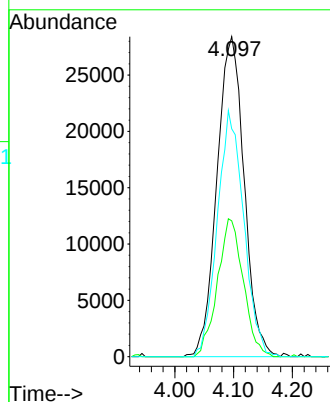
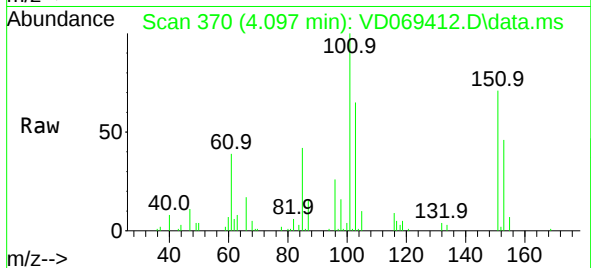
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1,1,2-Trichlorotrifluoroethane
Concen: 19.436 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:101 Resp: 91388
Ion Ratio Lower Upper
101 100
85 40.8 35.1 52.7
151 74.6 60.2 90.2

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ClientSampleId :
VSTDIC020

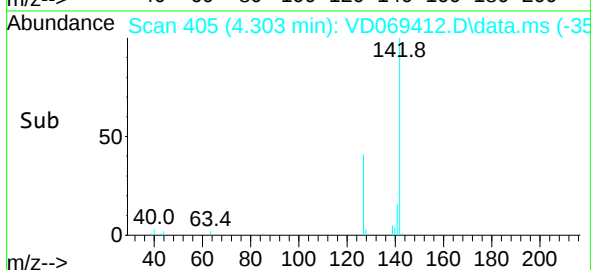
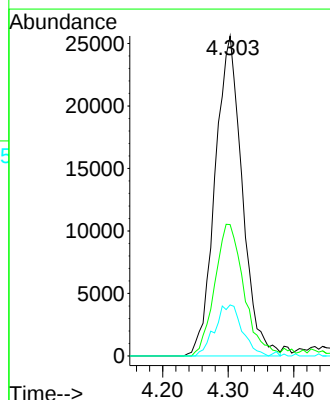
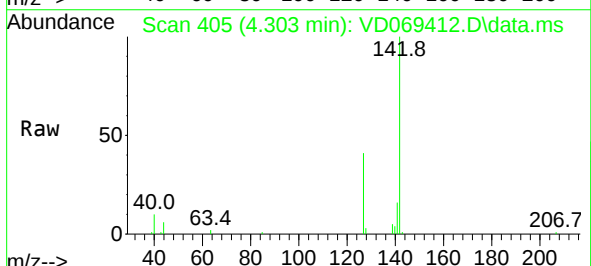
Manual Integrations
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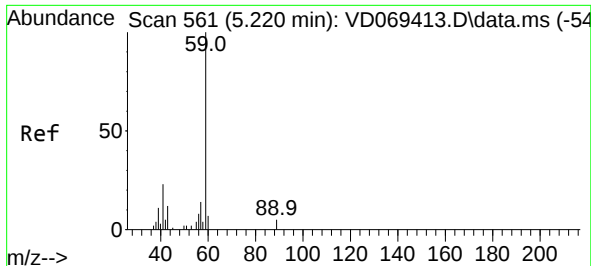
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6/14/2021 10:56:23 AM



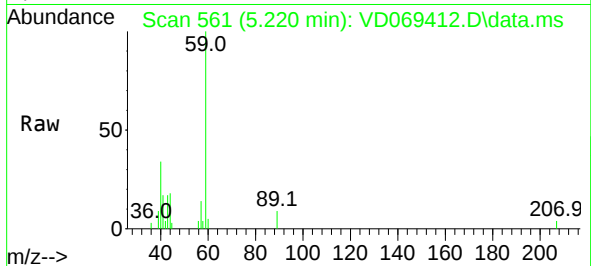
#10
Methyl Iodide
Concen: 19.396 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:142 Resp: 73361
Ion Ratio Lower Upper
142 100
127 44.3 36.2 54.2
141 16.1 12.2 18.2

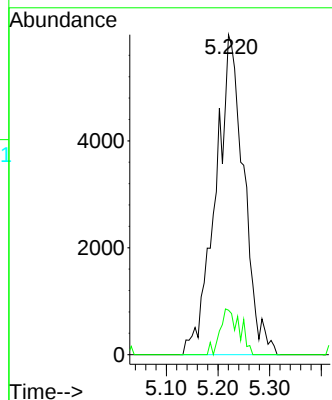




#11
Tert butyl alcohol
Concen: 96.969 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



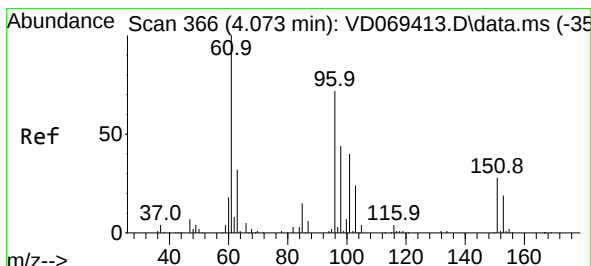
Tgt Ion: 59 Resp: 22740
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



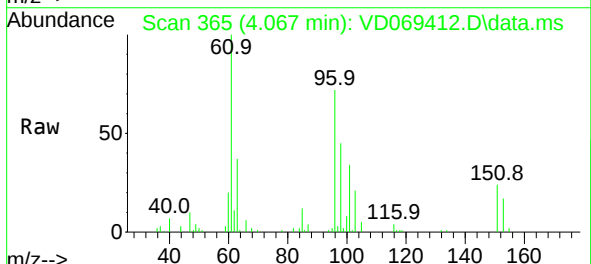
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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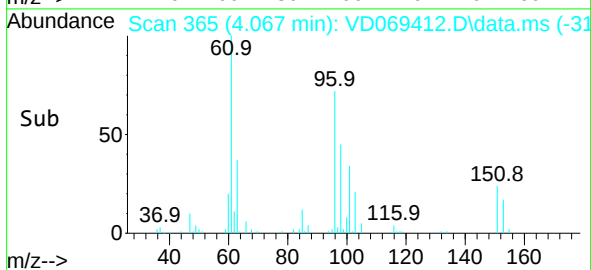
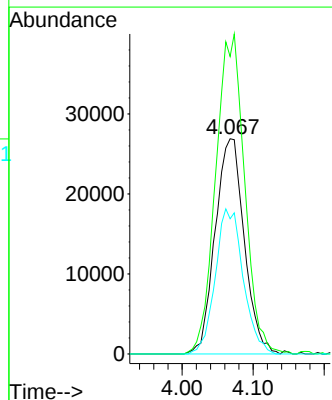
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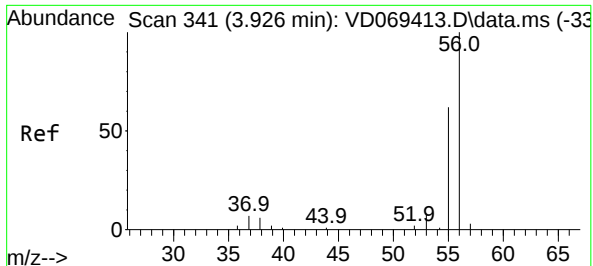


#12
1,1-Dichloroethene
Concen: 18.572 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

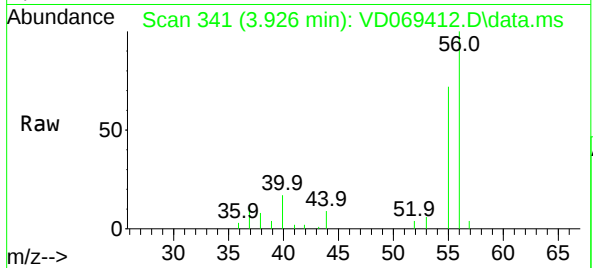


Tgt Ion: 96 Resp: 76426
Ion Ratio Lower Upper
96 100
61 138.3 116.5 174.7
98 62.8 50.8 76.2

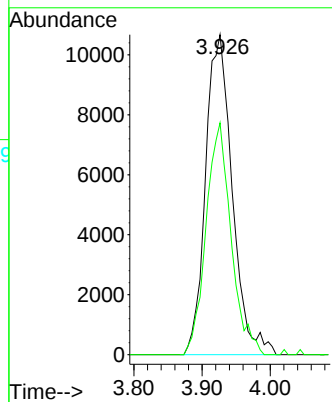
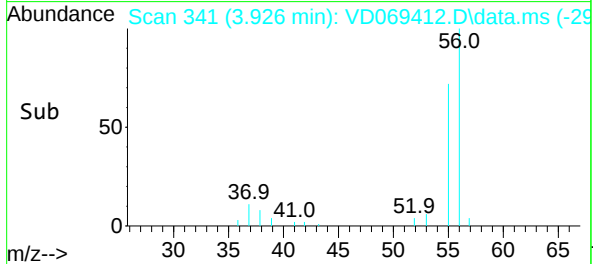




#13
Acrolein
Concen: 106.058 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



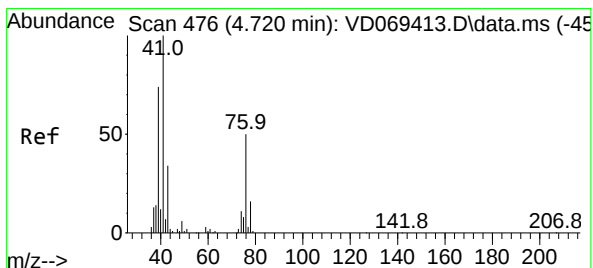
Tgt Ion: 56 Resp: 29043
Ion Ratio Lower Upper
56 100
55 68.1 53.8 80.8



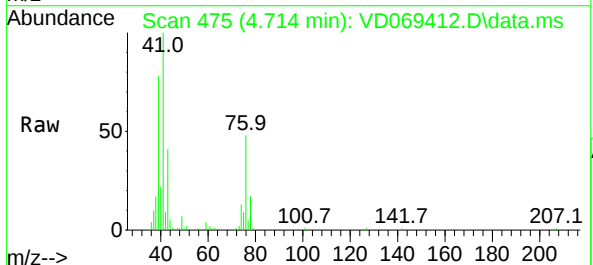
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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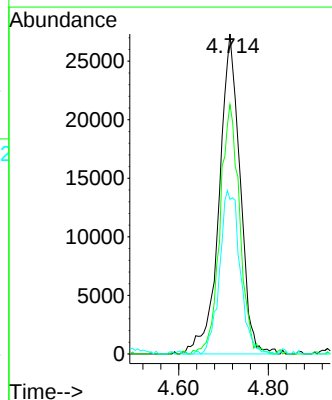
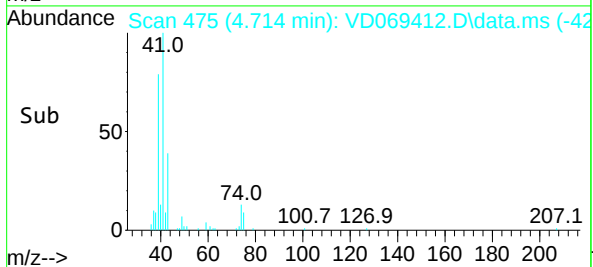
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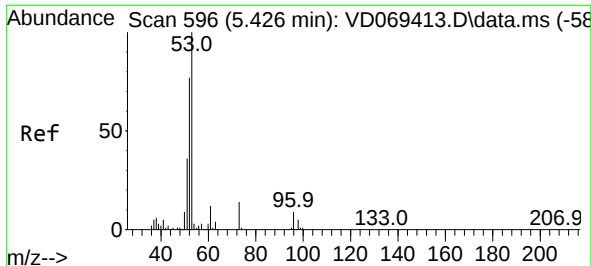


#14
Allyl chloride
Concen: 18.944 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



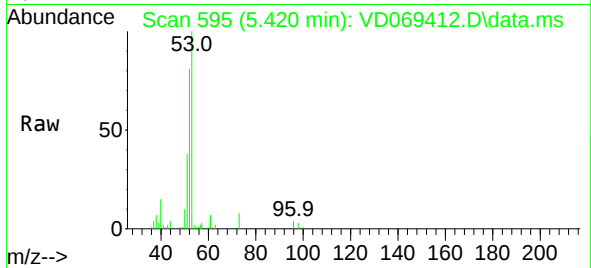
Tgt Ion: 41 Resp: 88502
Ion Ratio Lower Upper
41 100
39 73.1 56.1 84.1
76 50.0 37.9 56.9





#15
Acrylonitrile
Concen: 97.683 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

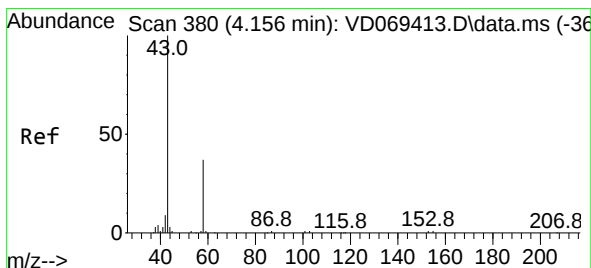
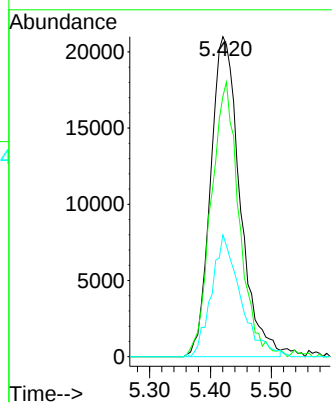
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



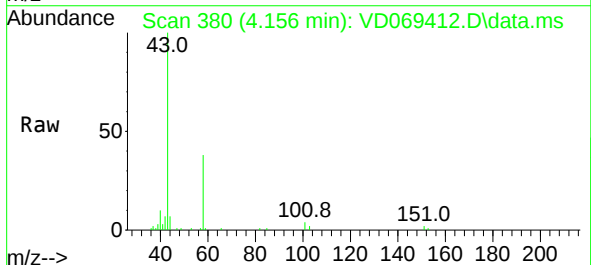
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.5	96.7
51	37.8	28.6	43.0

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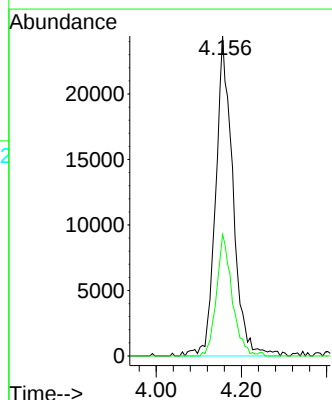
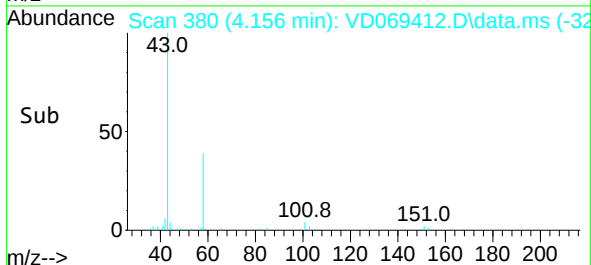
MMDadoda
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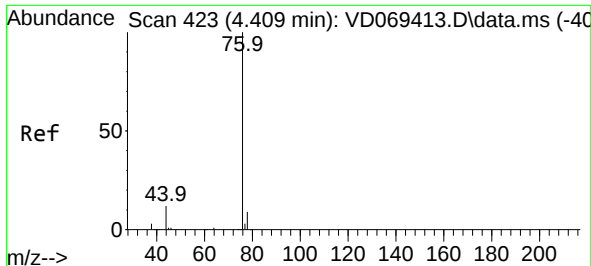


#16
Acetone
Concen: 91.704 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

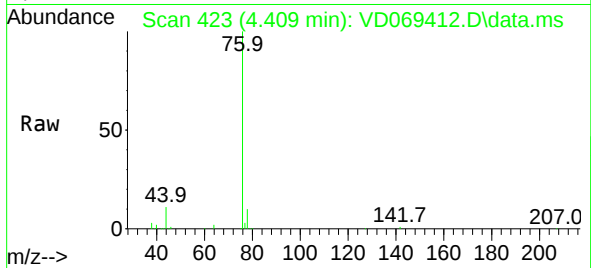


Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.0	27.5	41.3

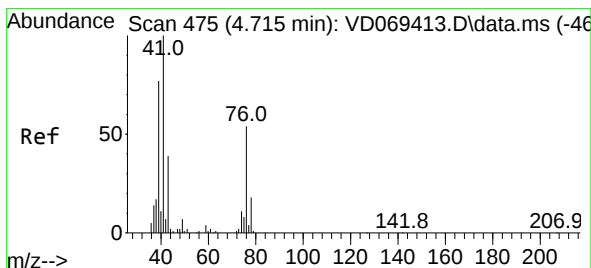
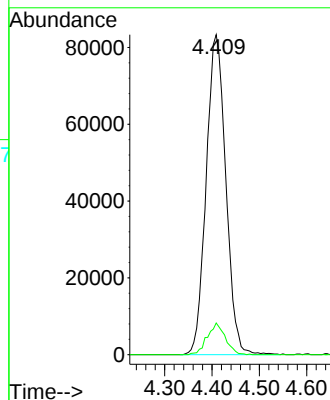
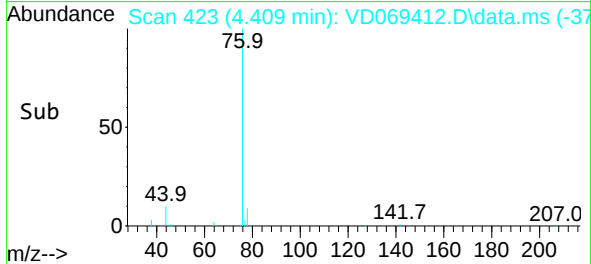




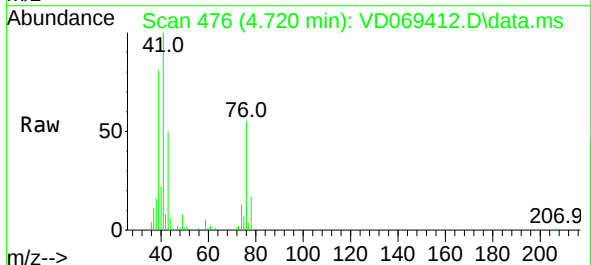
#17
Carbon Disulfide
Concen: 17.927 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



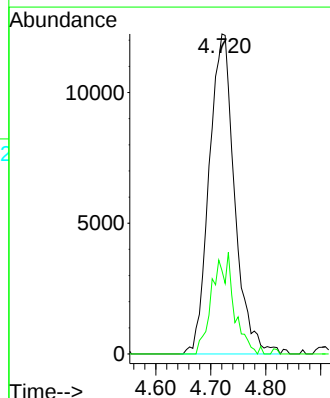
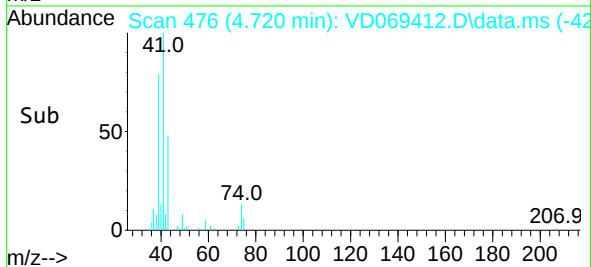
Tgt Ion: 76 Resp: 240125
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.706 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



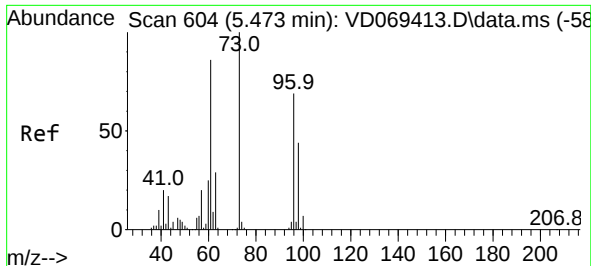
Tgt Ion: 43 Resp: 39269
Ion Ratio Lower Upper
43 100
74 26.8 22.8 34.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

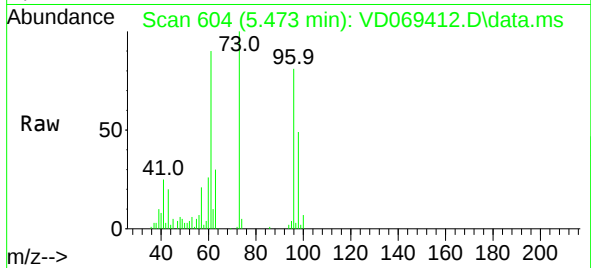
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#19
Methyl tert-butyl Ether
Concen: 19.951 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

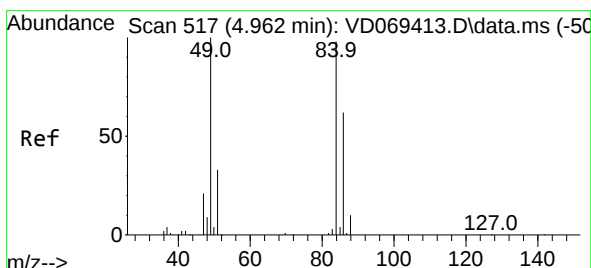
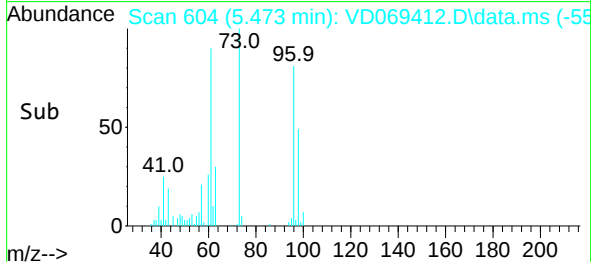
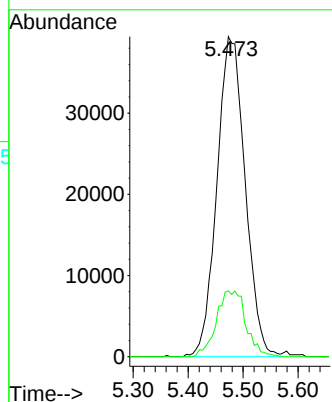
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 140437
Ion Ratio Lower Upper
73 100
57 20.6 15.7 23.5

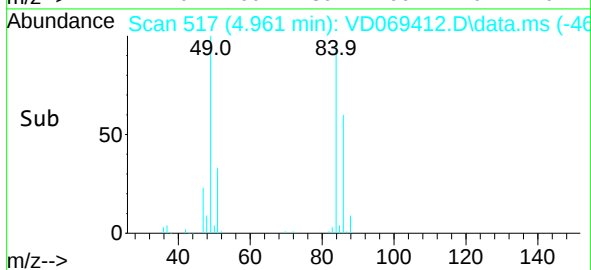
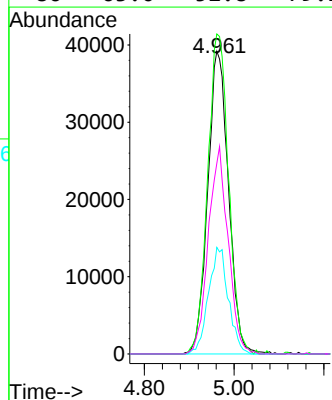
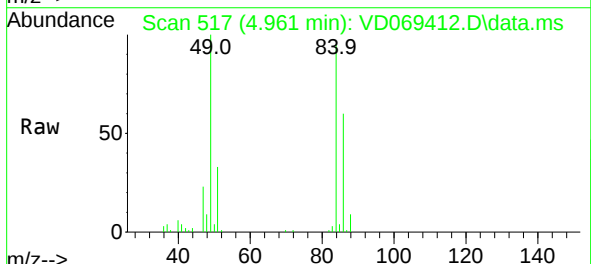
Manual Integrations
APPROVED

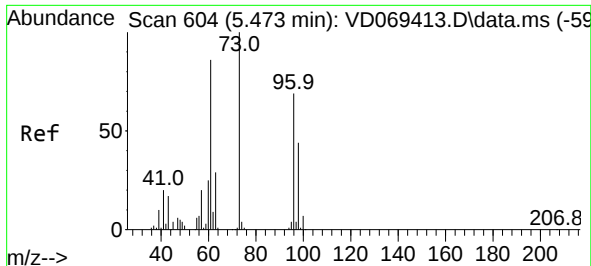
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#20
Methylene Chloride
Concen: 16.282 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

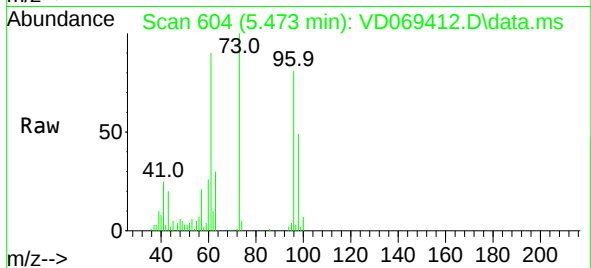
Tgt Ion: 84 Resp: 125955
Ion Ratio Lower Upper
84 100
49 105.7 83.7 125.5
51 35.2 26.4 39.6
86 63.0 52.8 79.2





#21
trans-1,2-Dichloroethene
Concen: 19.151 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

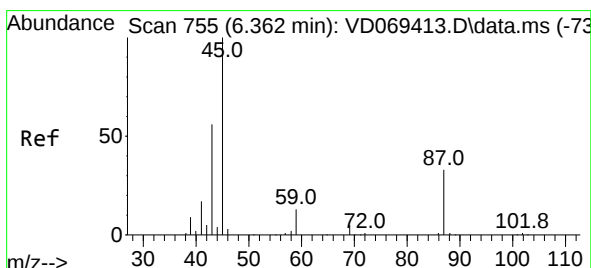
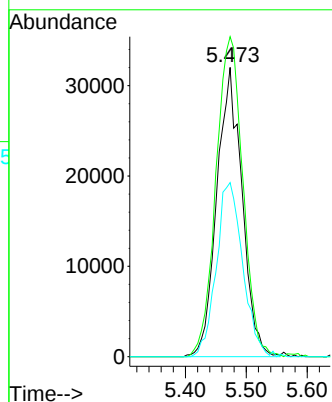
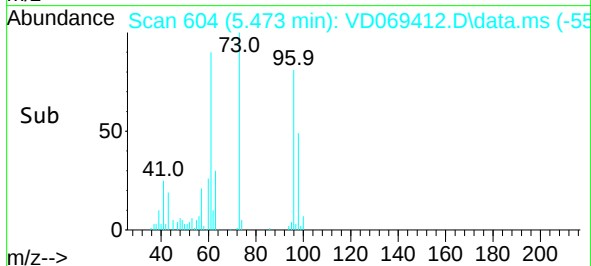
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



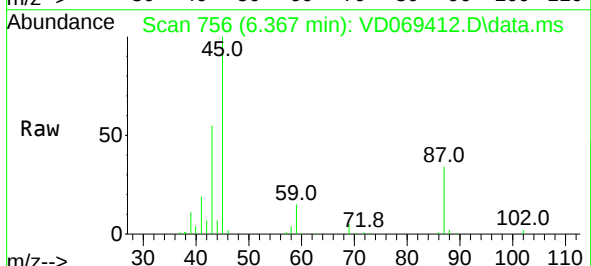
Tgt Ion:	96	Resp:	91826
Ion	Ratio	Lower	Upper
96	100		
61	110.6	98.8	148.2
98	60.2	51.4	77.2

Manual Integrations
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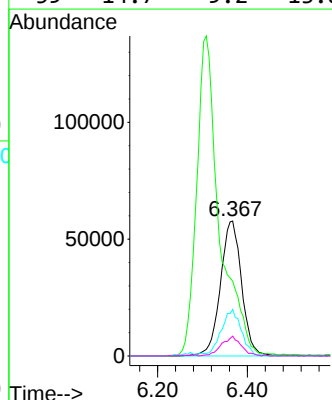
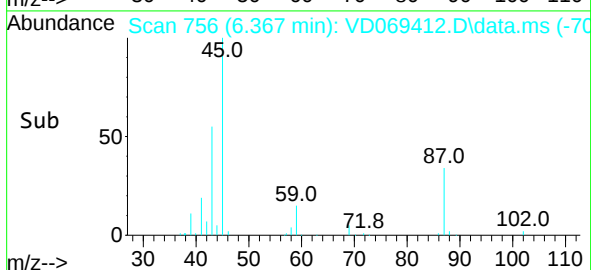
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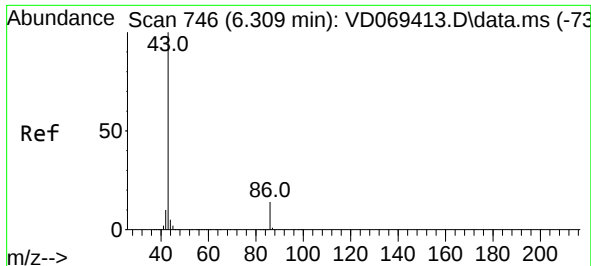


#22
Diisopropyl ether
Concen: 20.579 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion:	45	Resp:	190150
Ion	Ratio	Lower	Upper
45	100		
43	54.5	38.7	58.1
87	34.5	25.6	38.4
59	14.7	9.2	13.8





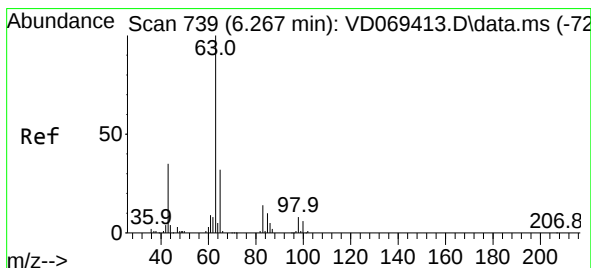
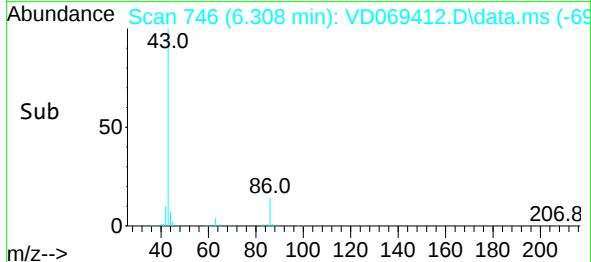
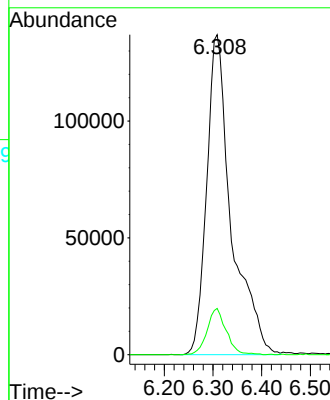
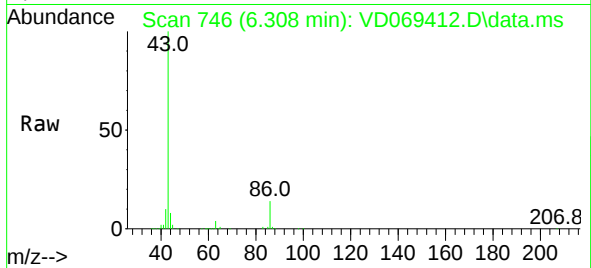
#23
 Vinyl Acetate
 Concen: 100.937 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069412.D
 Acq: 11 Jun 2021 11:00

Tgt Ion: 43 Resp: 482118
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.5 15.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

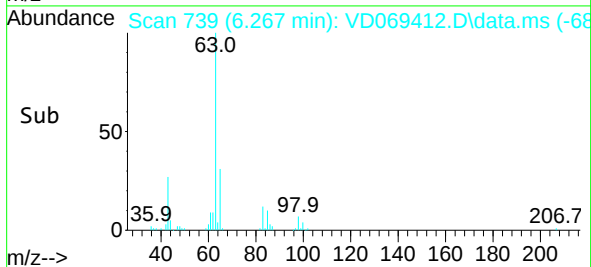
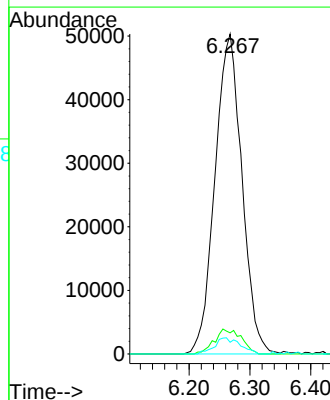
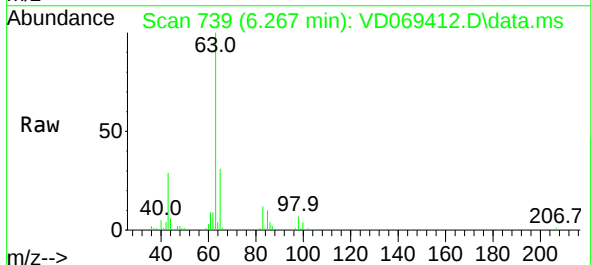
Manual Integrations
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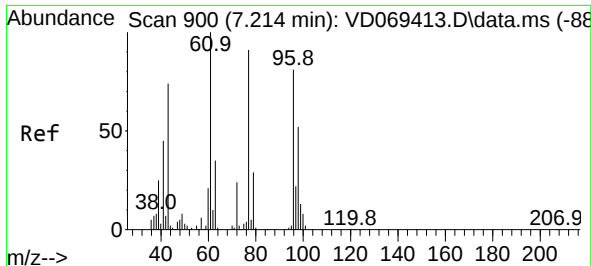
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#24
 1,1-Dichloroethane
 Concen: 19.027 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD069412.D
 Acq: 11 Jun 2021 11:00

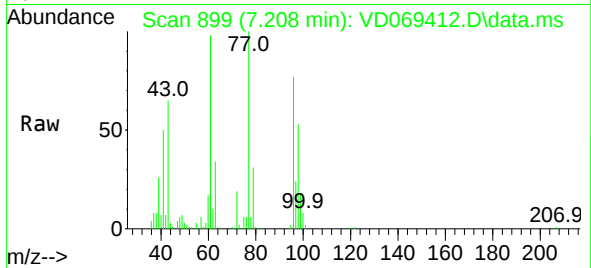
Tgt Ion: 63 Resp: 154737
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 3.7 2.6 7.8





#25
2-Butanone
Concen: 94.857 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

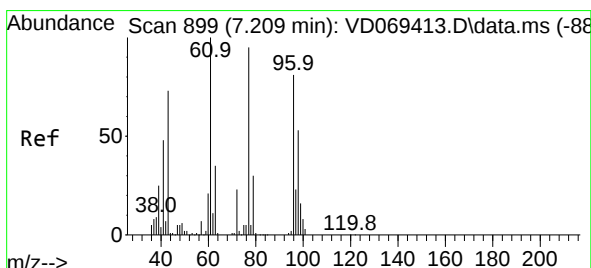
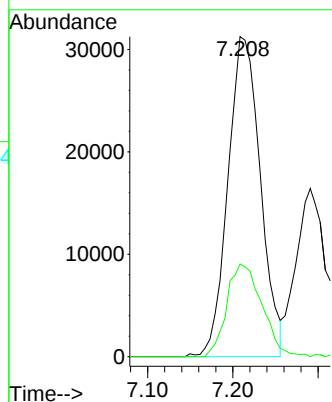
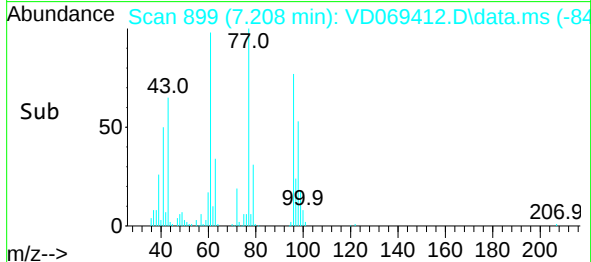
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



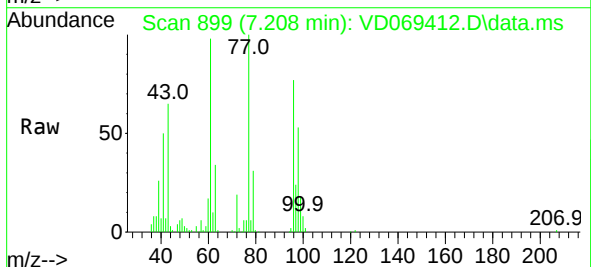
Tgt Ion: 43 Resp: 82840
Ion Ratio Lower Upper
43 100
72 29.0 23.9 35.9

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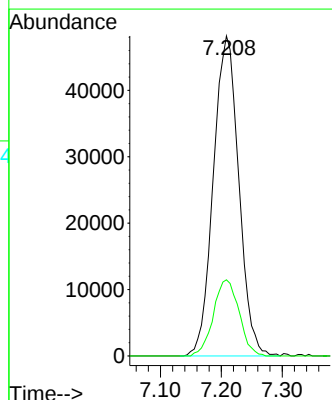
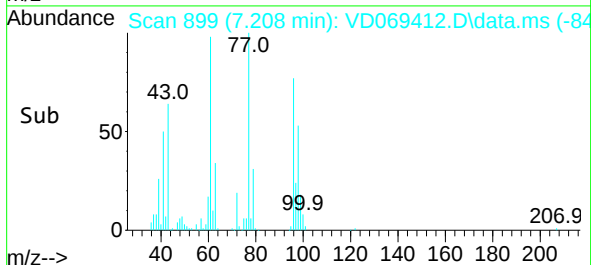
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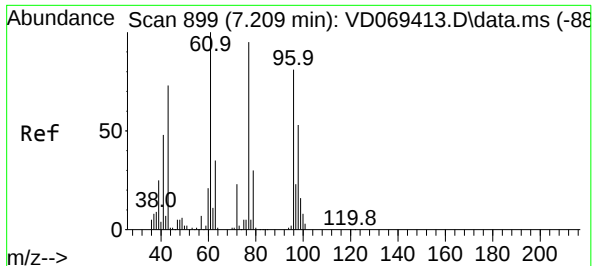


#26
2,2-Dichloropropane
Concen: 19.591 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion: 77 Resp: 140000
Ion Ratio Lower Upper
77 100
97 24.0 12.1 36.3





#27

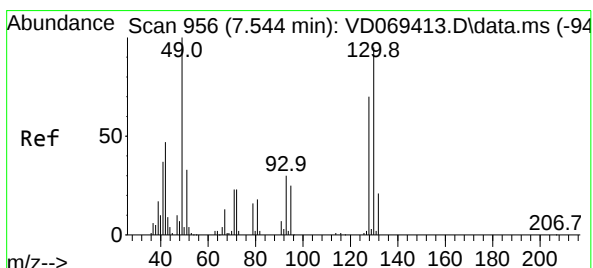
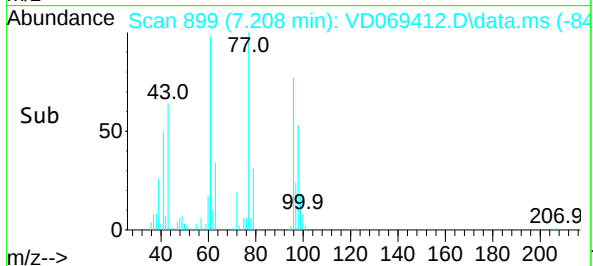
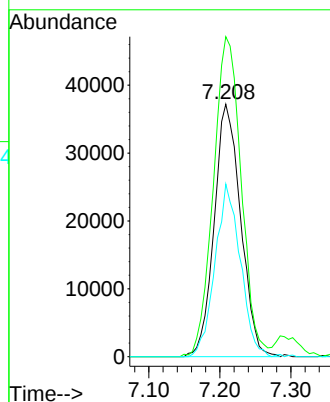
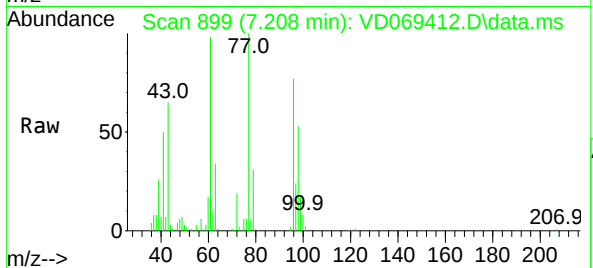
cis-1,2-Dichloroethene
Concen: 18.765 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	265.6
98	65.2	0.0	129.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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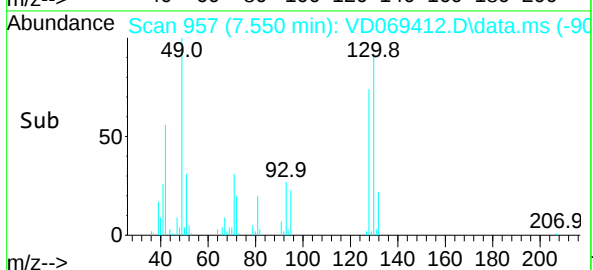
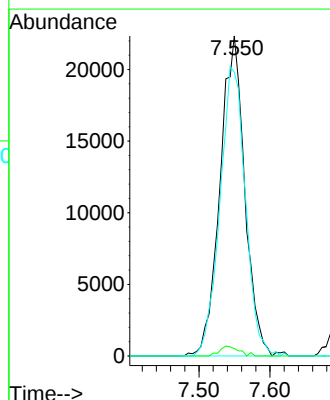
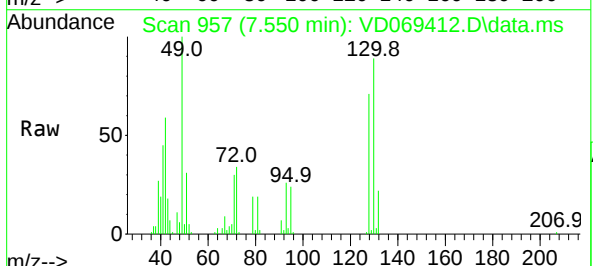
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6/14/2021 10:56:23 AM

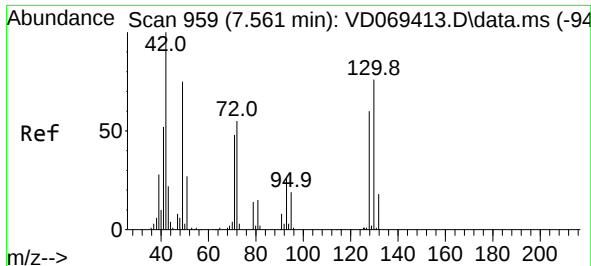


#28

Bromochloromethane
Concen: 18.392 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	93.2	72.0	108.0





#29

Tetrahydrofuran

Concen: 99.529 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069412.D

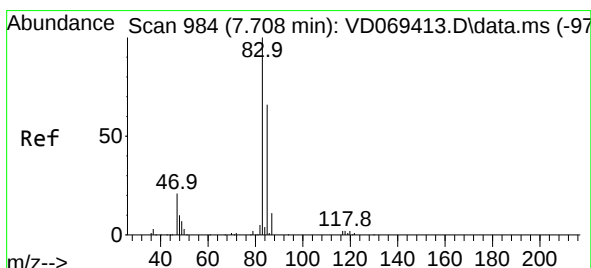
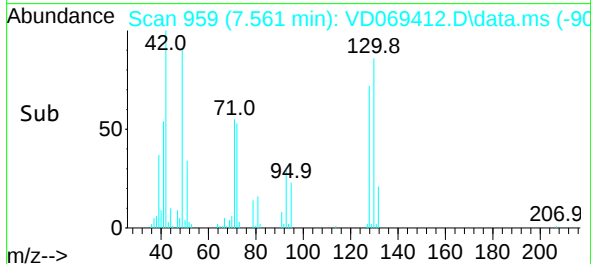
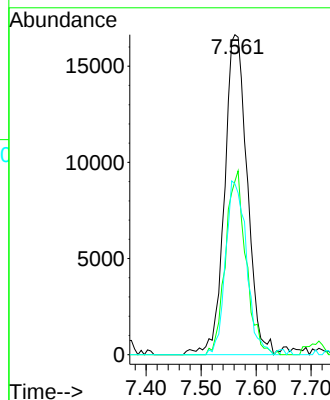
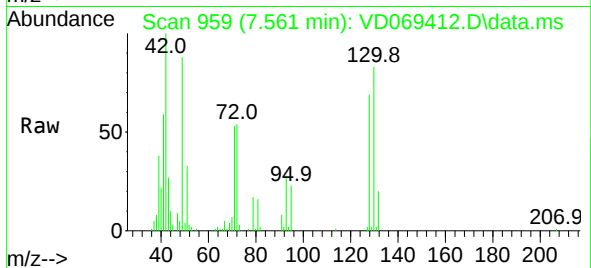
Acq: 11 Jun 2021 11:00

Tgt Ion:	42	Resp:	47738
Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.0	61.6
71	50.1	38.9	58.3

Instrument :
MSVOA_D
ClientSampleId :
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6/14/2021 10:56:23 AM



#30

Chloroform

Concen: 18.620 ug/l

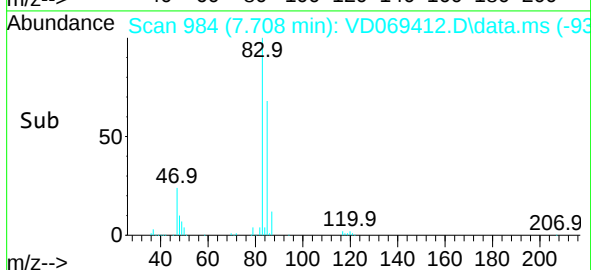
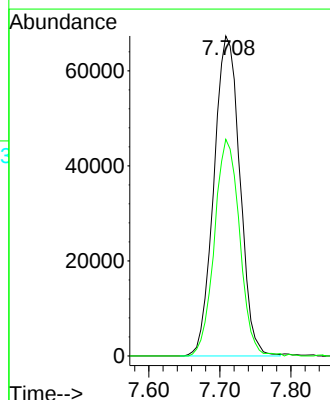
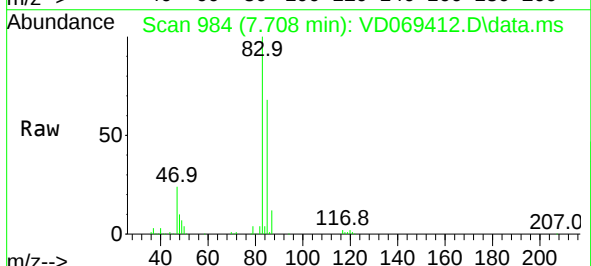
RT: 7.708 min Scan# 984

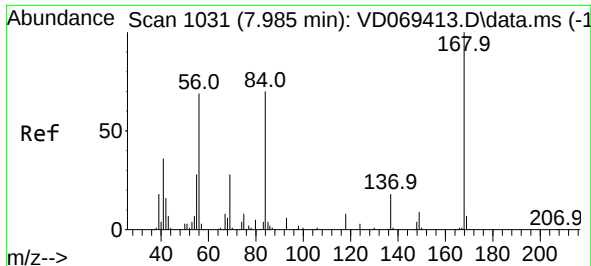
Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

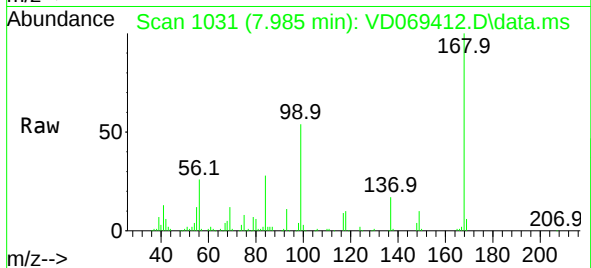
Tgt Ion:	83	Resp:	170837
Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.6	78.8





#31
Cyclohexane
Concen: 18.055 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

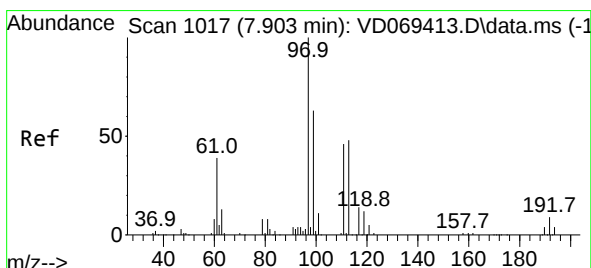
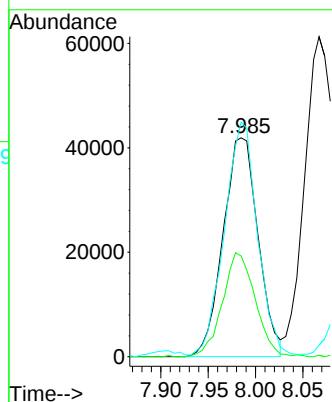
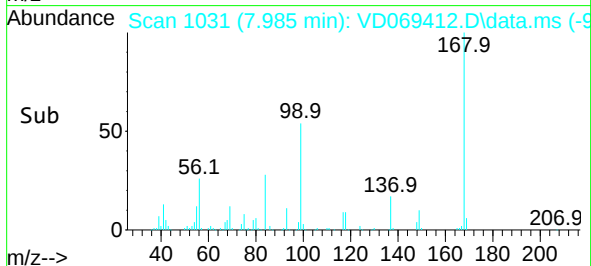
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



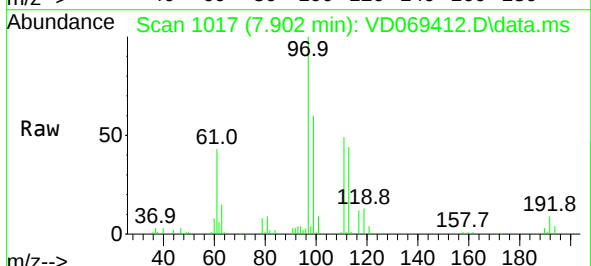
Tgt Ion: 56 Resp: 107938
Ion Ratio Lower Upper
56 100
69 46.0 29.0 43.4#
84 105.1 81.1 121.7

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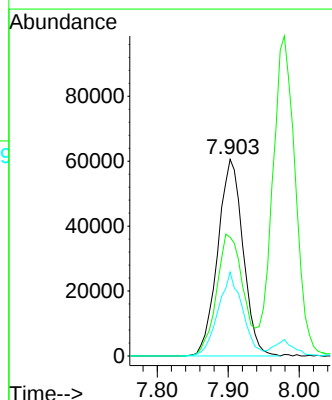
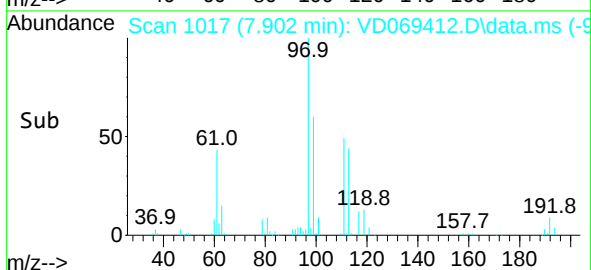
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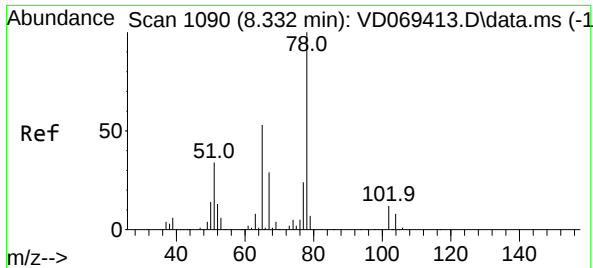


#32
1,1,1-Trichloroethane
Concen: 18.712 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion: 97 Resp: 149946
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 40.9 31.8 47.6





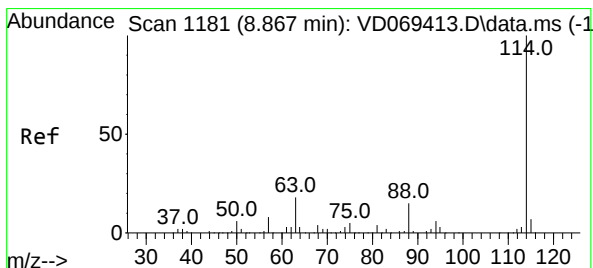
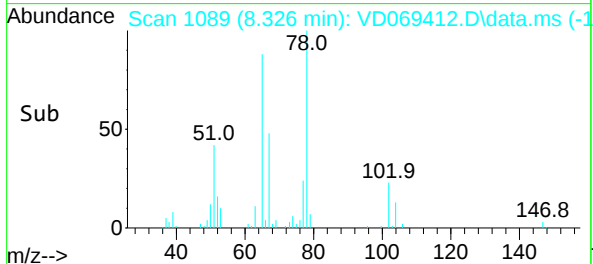
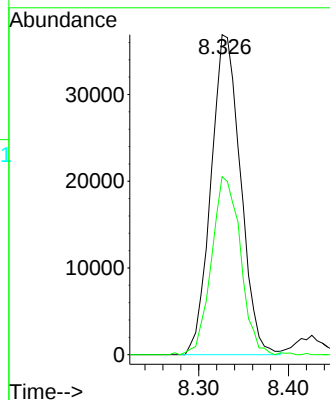
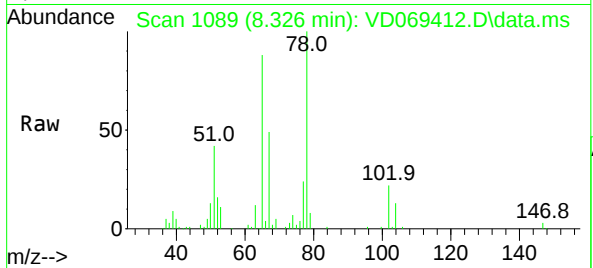
#33
1,2-Dichloroethane-d4
Concen: 19.030 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 65 Resp: 84318
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

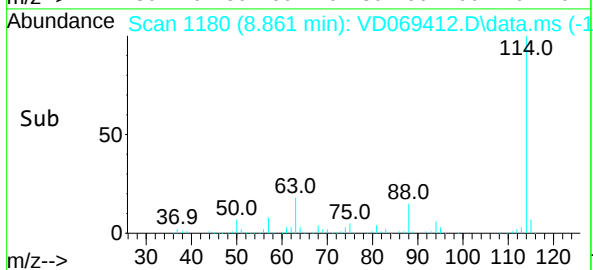
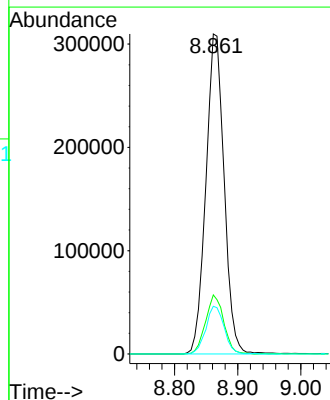
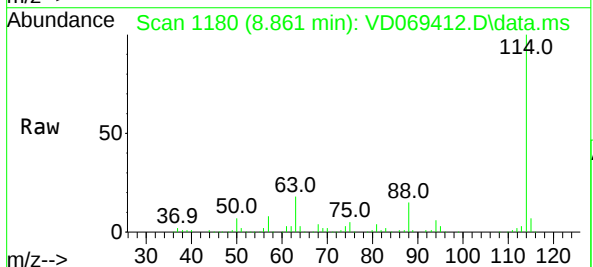
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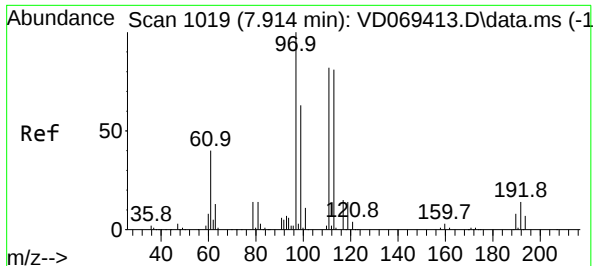
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6/14/2021 10:56:23 AM



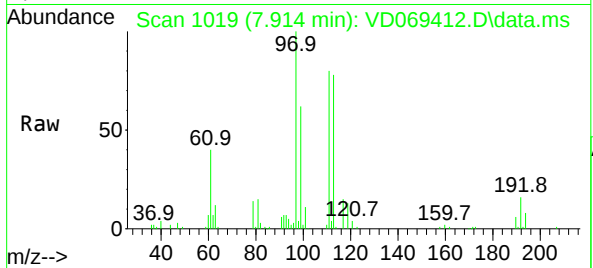
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 114 Resp: 621646
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.6
88 14.9 0.0 31.2

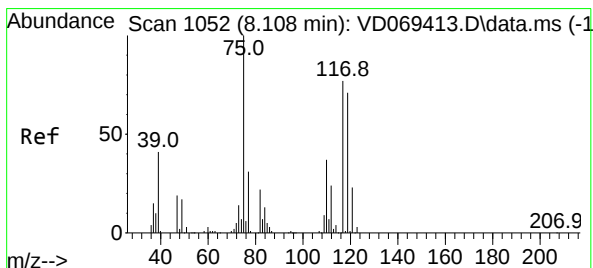
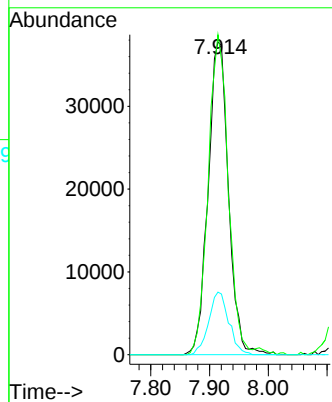
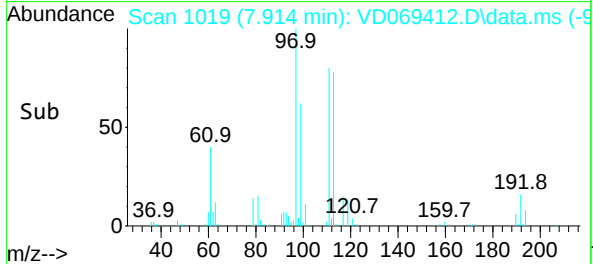




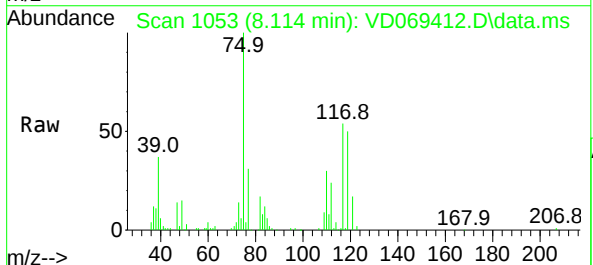
#35
Dibromofluoromethane
Concen: 19.471 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



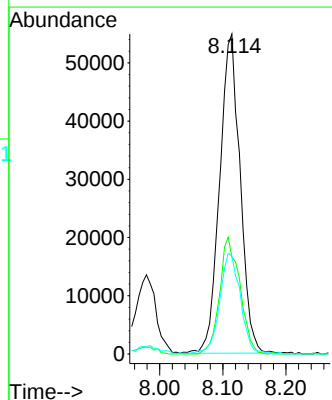
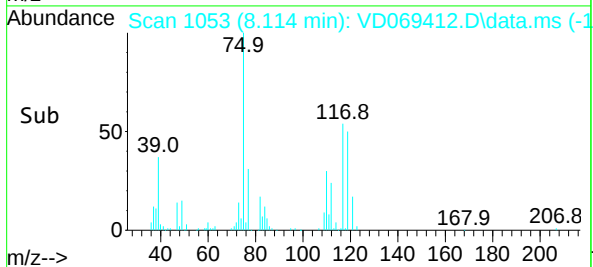
Tgt Ion:113 Resp: 90873
Ion Ratio Lower Upper
113 100
111 100.5 83.0 124.6
192 19.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 19.257 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



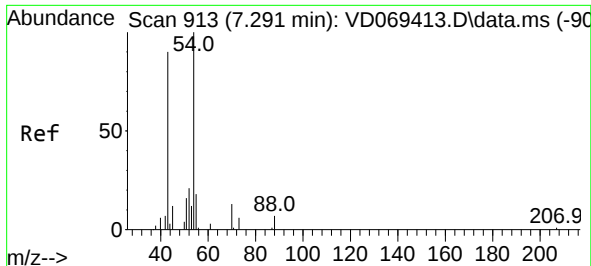
Tgt Ion: 75 Resp: 123387
Ion Ratio Lower Upper
75 100
110 36.3 18.4 55.2
77 32.0 24.9 37.3



Instrument :
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ClientSampleId :
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6/14/2021 10:56:23 AM



#37

Ethyl Acetate

Concen: 20.061 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

Tgt Ion:	43	Resp:	42201
Ion	Ratio	Lower	Upper
43	100		
61	17.4	11.0	16.6#
70	12.0	9.7	14.5

Instrument :

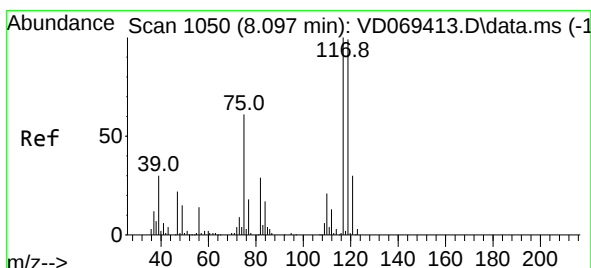
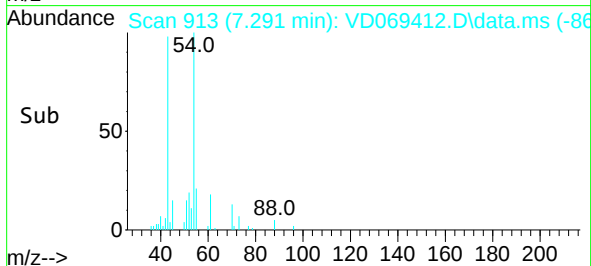
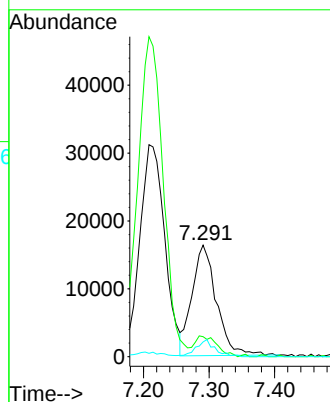
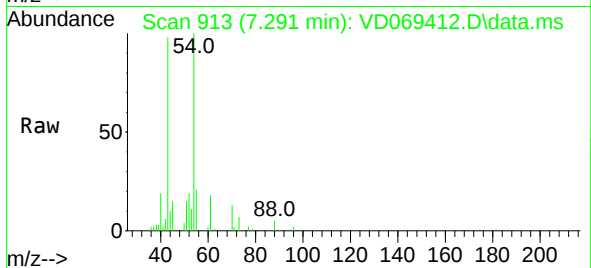
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ClientSampleId :

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6/14/2021 10:56:23 AM



#38

Carbon Tetrachloride

Concen: 19.354 ug/l

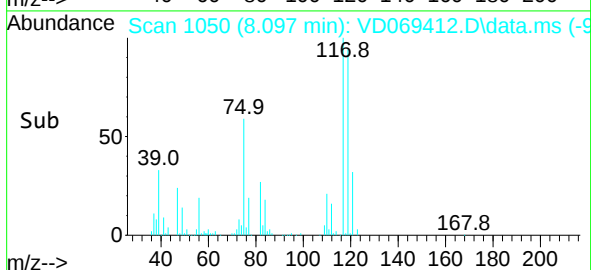
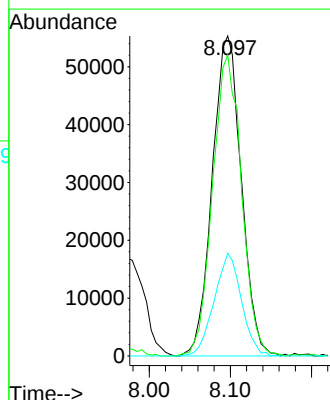
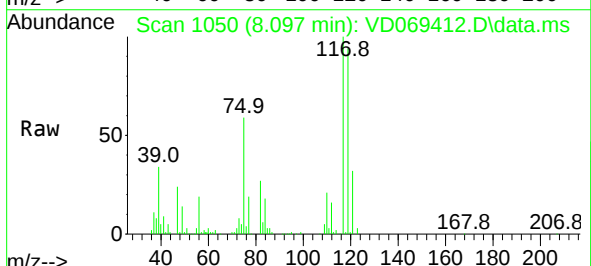
RT: 8.097 min Scan# 1050

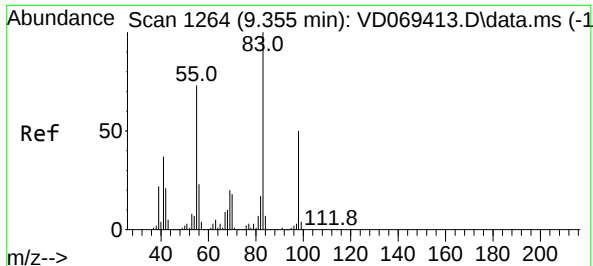
Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

Tgt Ion:	117	Resp:	137280
Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.4	119.2
121	32.1	26.1	39.1





#39

Methylcyclohexane

Concen: 18.978 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069412.D

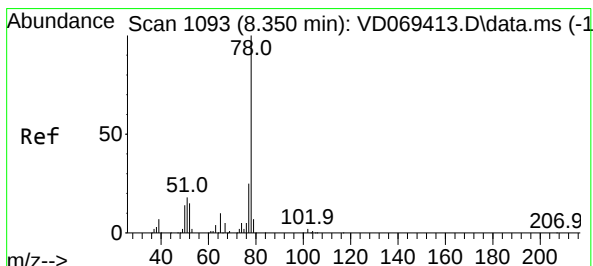
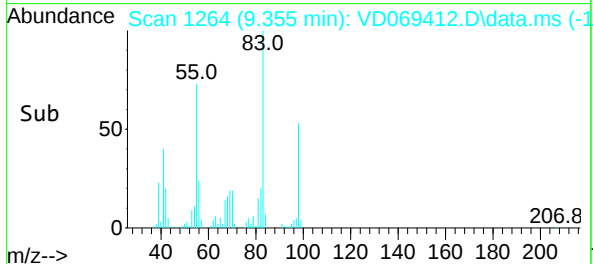
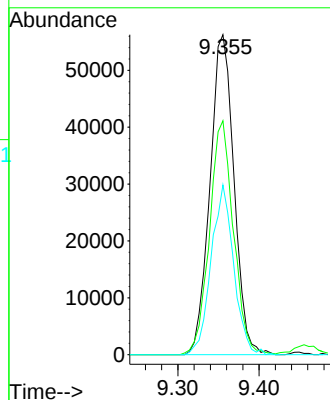
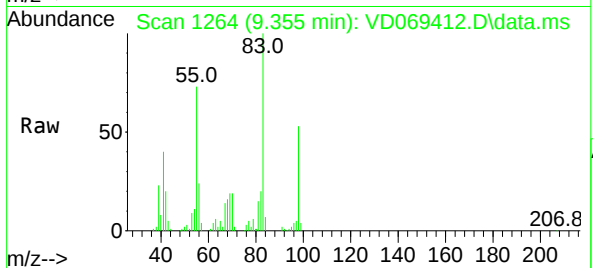
Acq: 11 Jun 2021 11:00

Tgt Ion:	83	Resp:	115671
Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.4	86.2
98	53.1	42.2	63.2

Instrument :
MSVOA_D
ClientSampleId :
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6/14/2021 10:56:23 AM



#40

Benzene

Concen: 19.233 ug/l

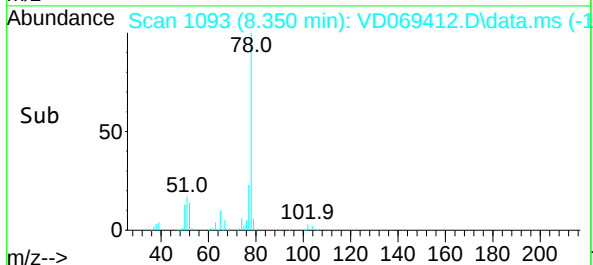
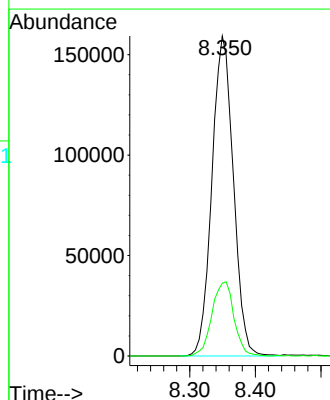
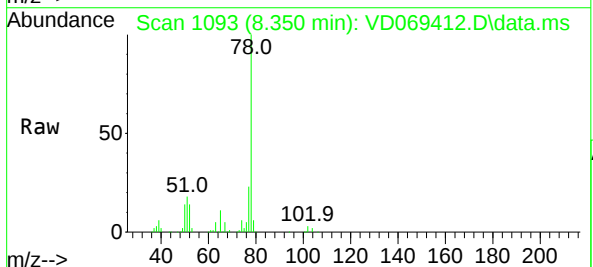
RT: 8.350 min Scan# 1093

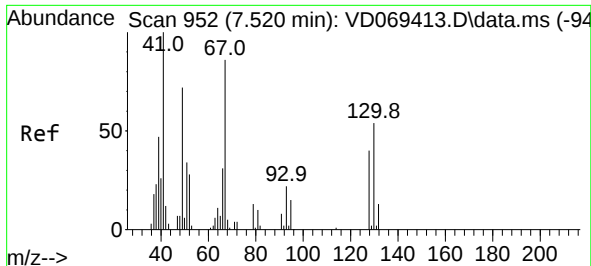
Delta R.T. -0.000 min

Lab File: VD069412.D

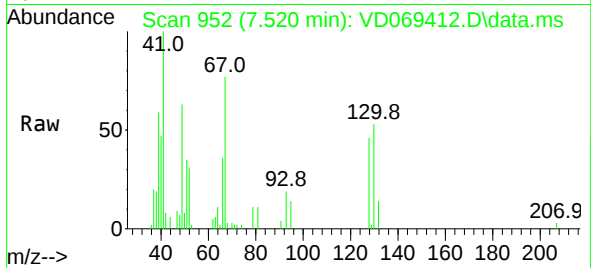
Acq: 11 Jun 2021 11:00

Tgt Ion:	78	Resp:	361322
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1

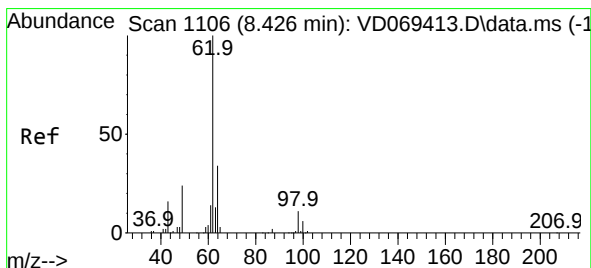
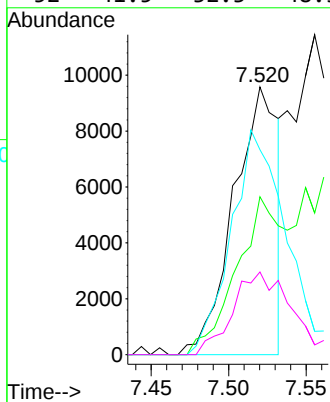
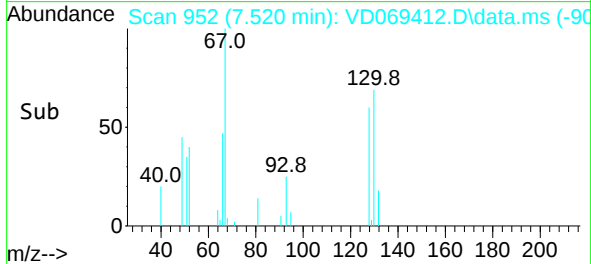




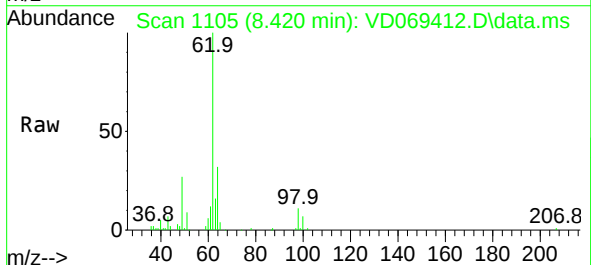
#41
Methacrylonitrile
Concen: 18.656 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



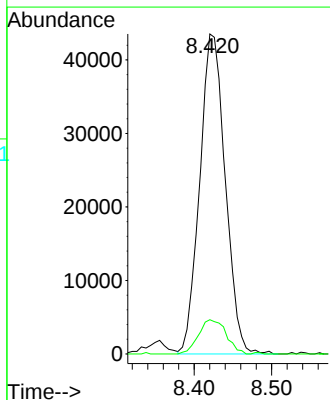
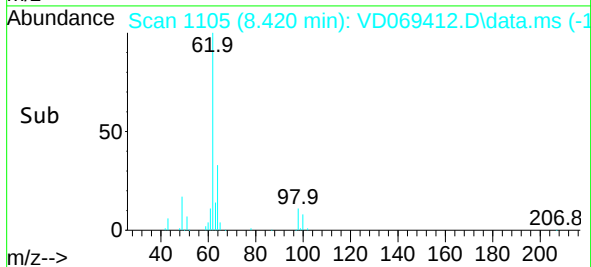
Tgt Ion:	41	Resp:	18952
Ion Ratio	Lower	Upper	
41	100		
39	63.4	50.6	76.0
67	105.1	86.2	129.4
52	41.5	32.3	48.5



#42
1,2-Dichloroethane
Concen: 19.062 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



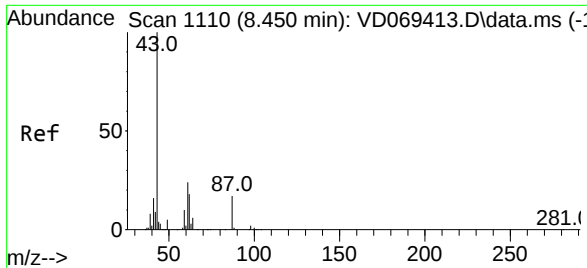
Tgt Ion:	62	Resp:	99725
Ion Ratio	Lower	Upper	
62	100		
98	11.5	0.0	21.4



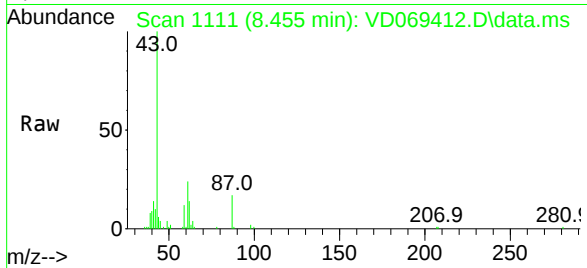
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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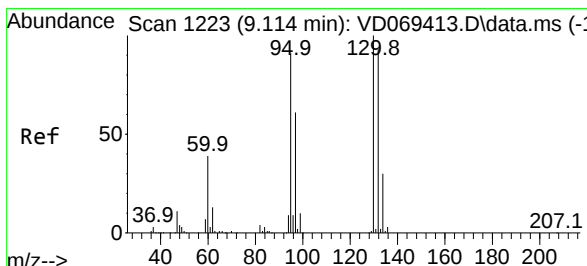
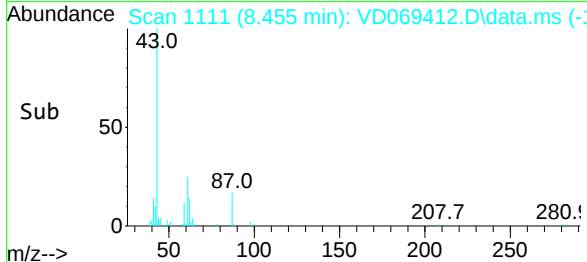
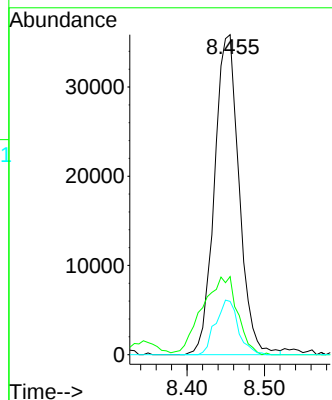
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6/14/2021 10:56:23 AM



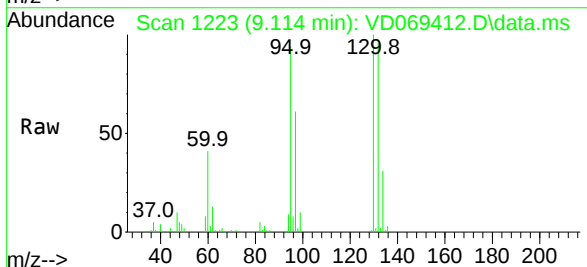
#43
Isopropyl Acetate
Concen: 19.994 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



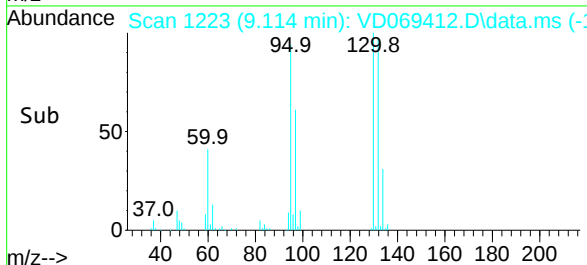
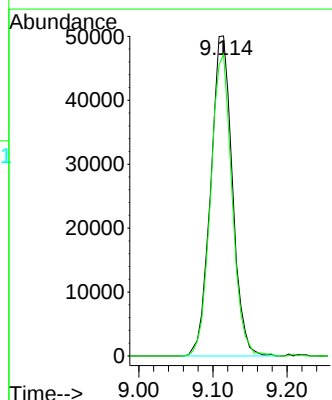
Tgt Ion: 43 Resp: 79114
Ion Ratio Lower Upper
43 100
61 35.0 29.0 43.6
87 15.7 12.7 19.1



#44
Trichloroethene
Concen: 19.289 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



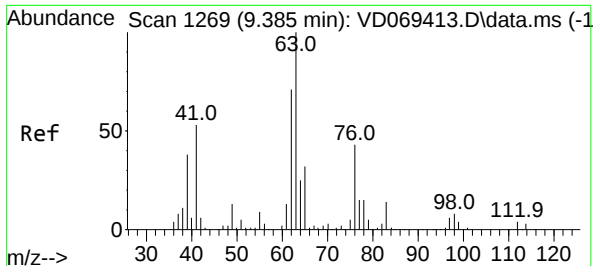
Tgt Ion: 130 Resp: 101851
Ion Ratio Lower Upper
130 100
95 94.3 0.0 198.8



Instrument :
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6/14/2021 10:56:23 AM



#45

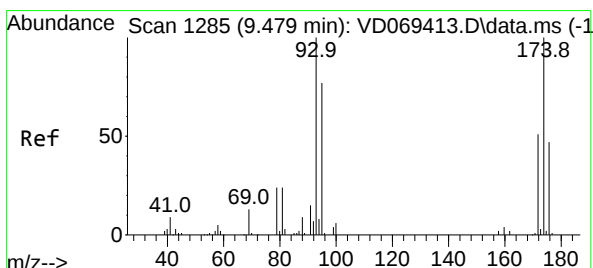
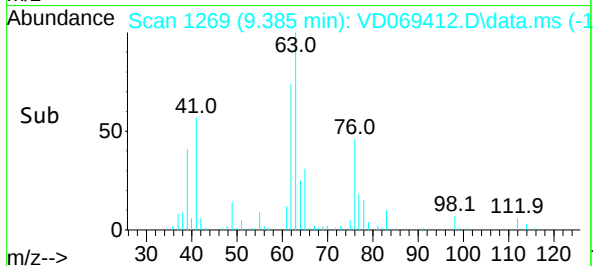
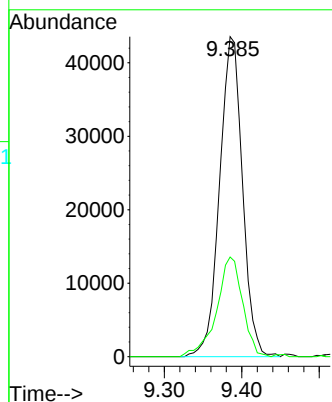
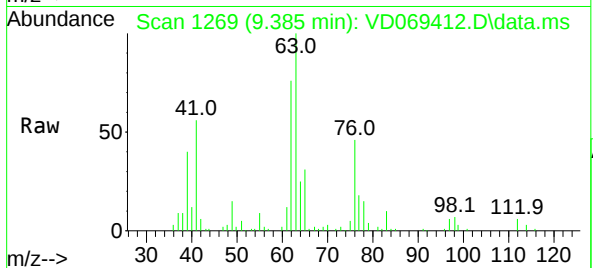
1,2-Dichloropropane
Concen: 19.332 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 63 Resp: 89360
Ion Ratio Lower Upper
63 100
65 31.2 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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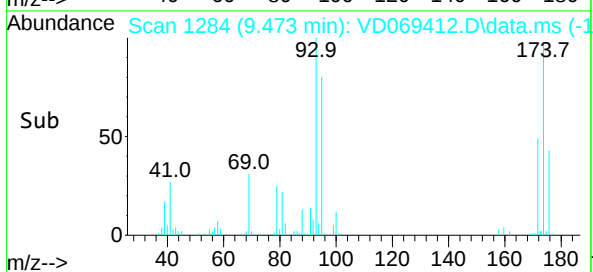
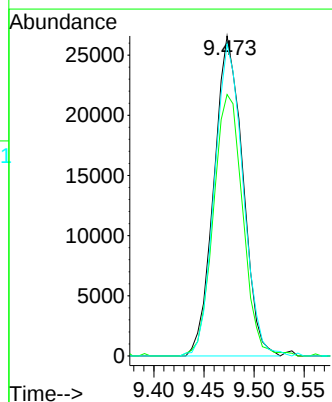
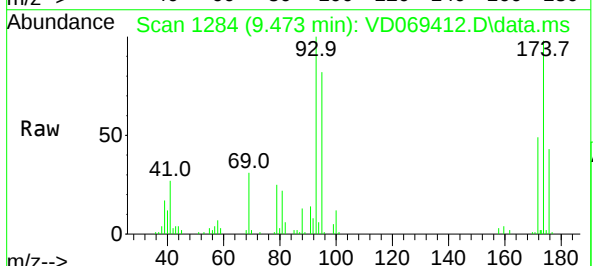
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6/14/2021 10:56:23 AM

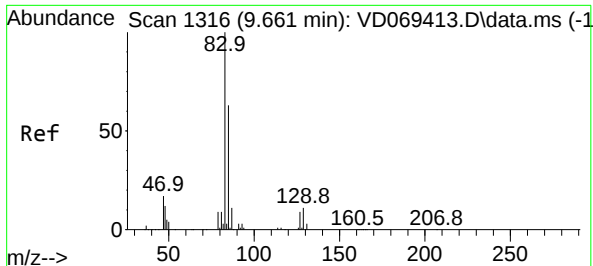


#46

Dibromomethane
Concen: 20.157 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 93 Resp: 53070
Ion Ratio Lower Upper
93 100
95 83.5 63.4 95.2
174 96.7 74.5 111.7





#47

Bromodichloromethane

Concen: 19.376 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

Tgt Ion:	83	Resp:	132836
Ion	Ratio	Lower	Upper
83	100		
85	61.5	48.2	72.2
127	8.1	7.1	10.7

Instrument :

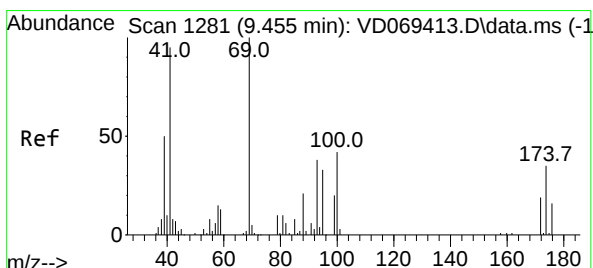
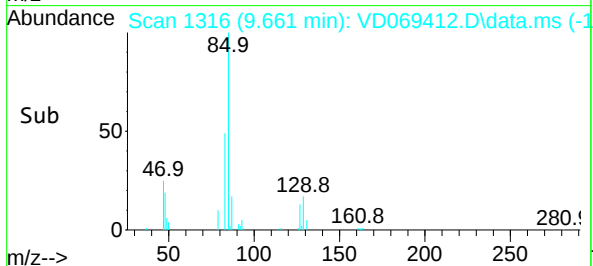
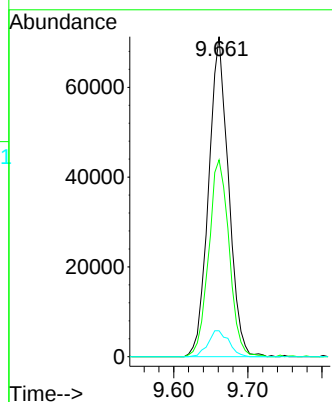
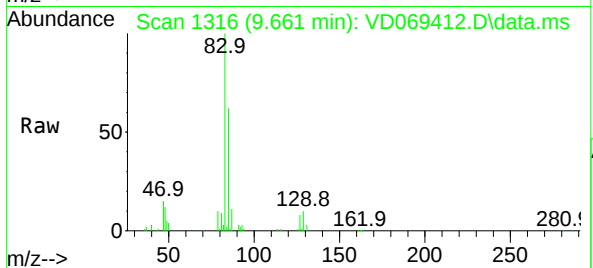
MSVOA_D

ClientSampleId :

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6/14/2021 10:56:23 AM



#48

Methyl methacrylate

Concen: 19.165 ug/l

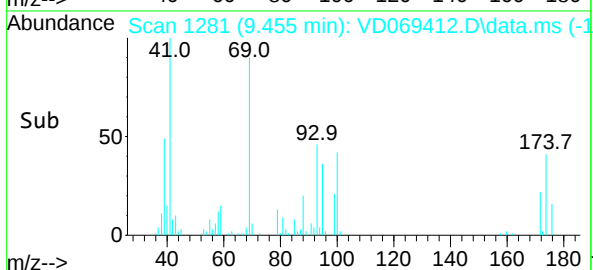
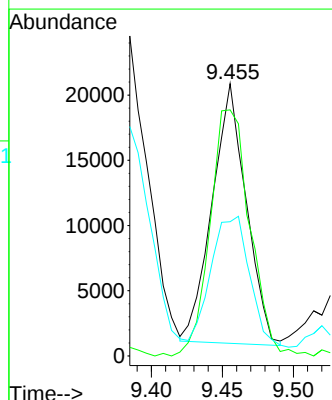
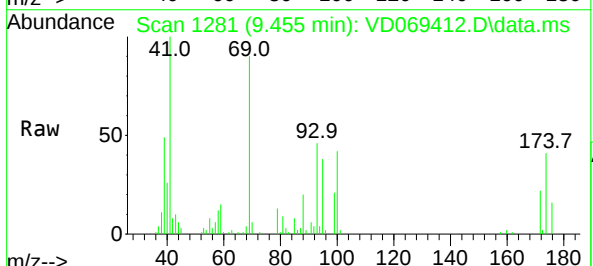
RT: 9.455 min Scan# 1281

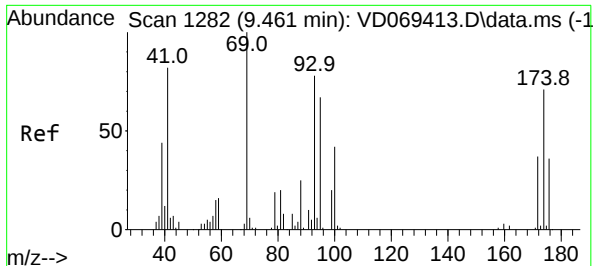
Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

Tgt Ion:	41	Resp:	33233
Ion	Ratio	Lower	Upper
41	100		
69	110.9	77.6	116.4
39	66.0	45.3	67.9





#49

1,4-Dioxane

Concen: 414.890 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VD069412.D

Acq: 11 Jun 2021 11:00

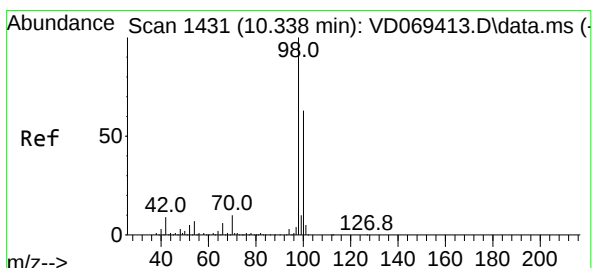
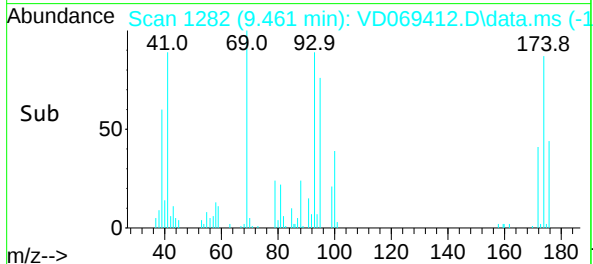
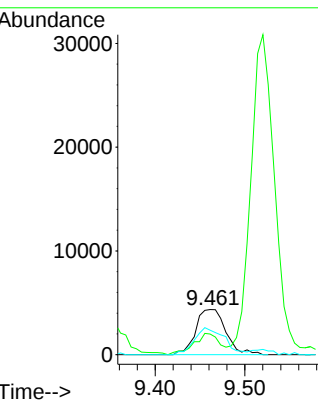
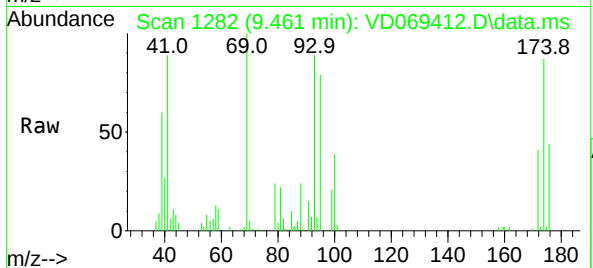
Tgt Ion: 88 Resp: 10160

Ion Ratio Lower Upper

88 100

43 39.7 25.4 38.2#

58 59.7 50.2 75.4



#50

Toluene-d8

Concen: 20.522 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069412.D

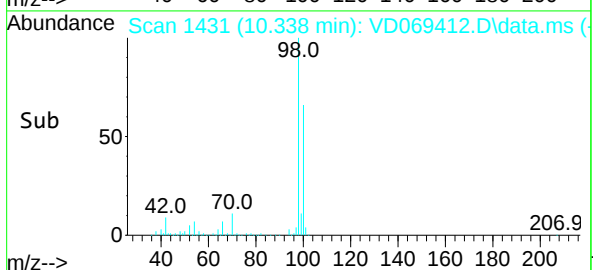
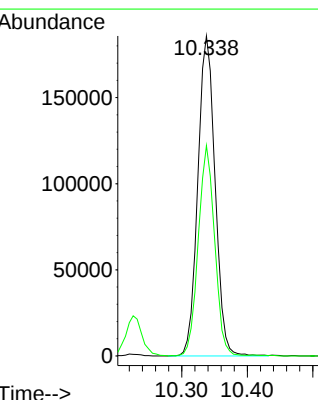
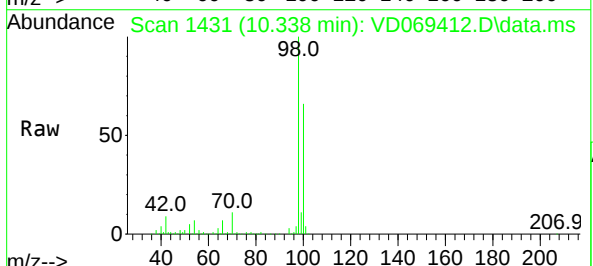
Acq: 11 Jun 2021 11:00

Tgt Ion: 98 Resp: 339622

Ion Ratio Lower Upper

98 100

100 62.6 52.1 78.1



Instrument :

MSVOA_D

ClientSampleId :

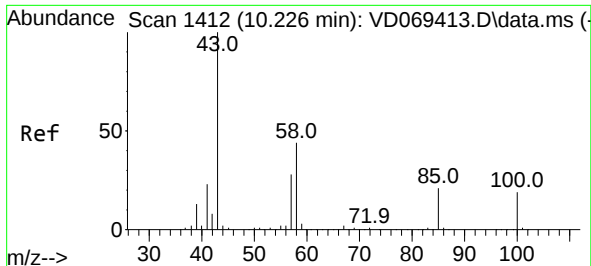
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6/14/2021 10:56:23 AM



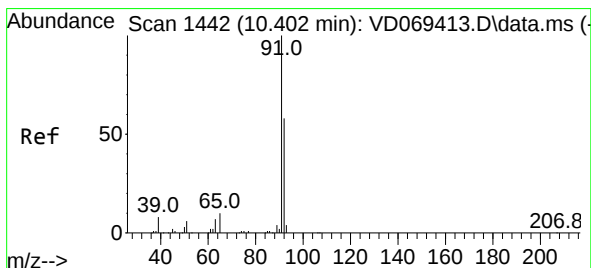
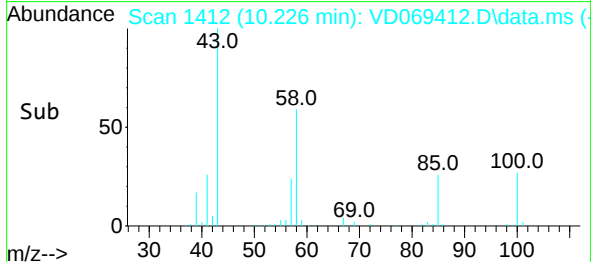
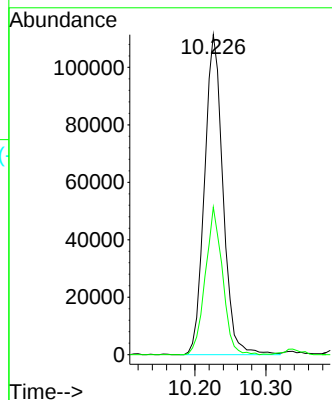
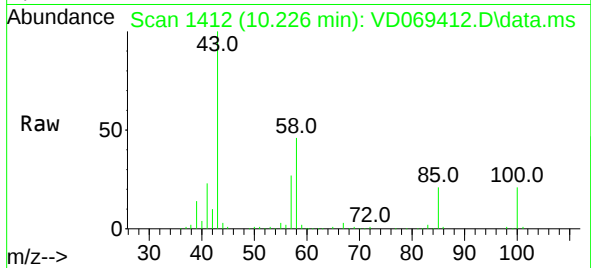
#51
4-Methyl-2-Pentanone
Concen: 100.564 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 43 Resp: 201184
Ion Ratio Lower Upper
43 100
58 43.1 35.1 52.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

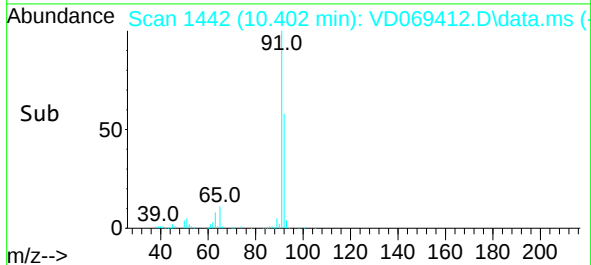
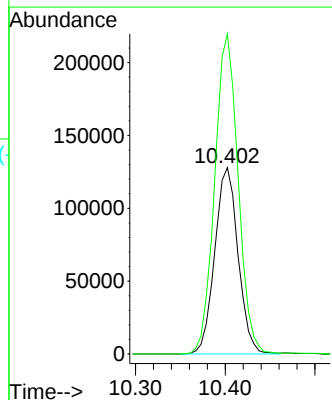
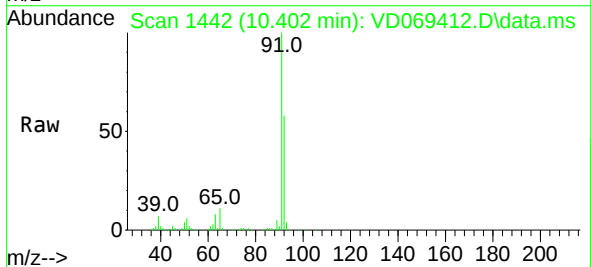
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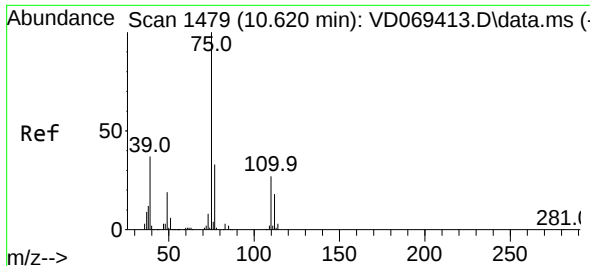
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6/14/2021 10:56:23 AM



#52
Toluene
Concen: 19.758 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 92 Resp: 230493
Ion Ratio Lower Upper
92 100
91 173.5 138.4 207.6





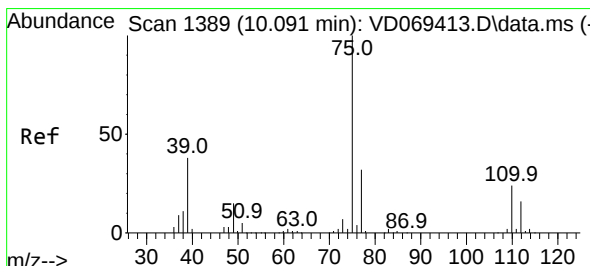
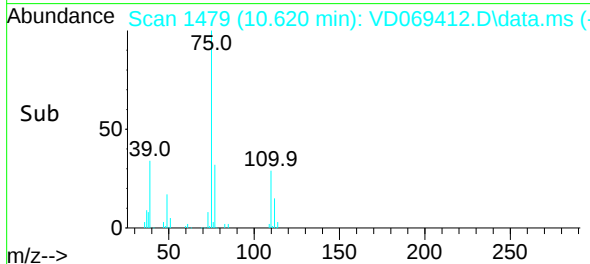
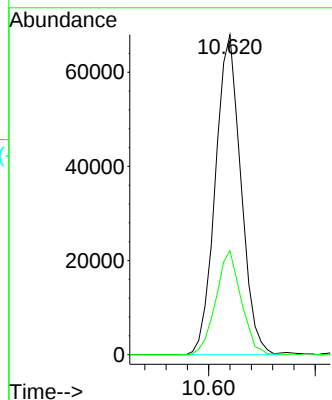
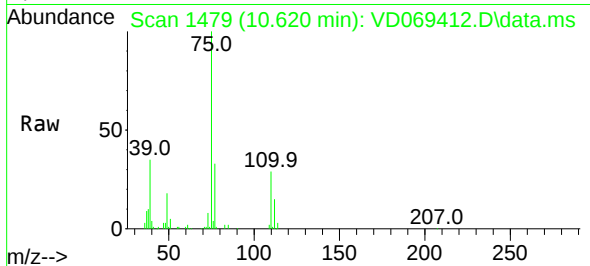
#53
t-1,3-Dichloropropene
Concen: 20.040 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 75 Resp: 113039
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

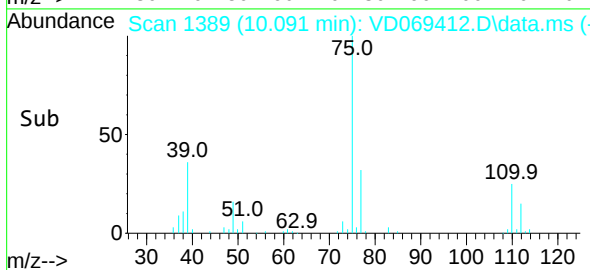
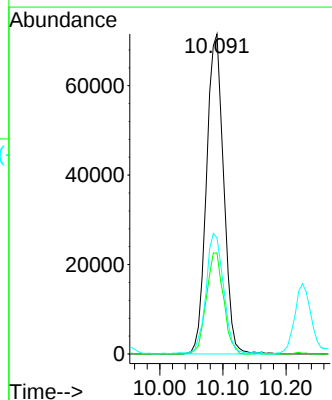
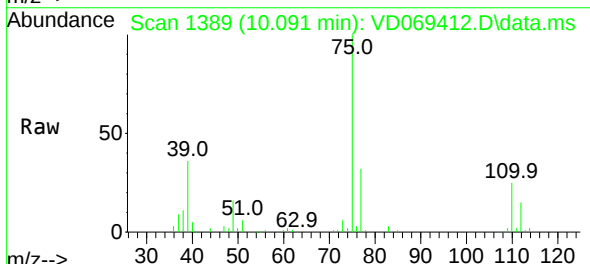
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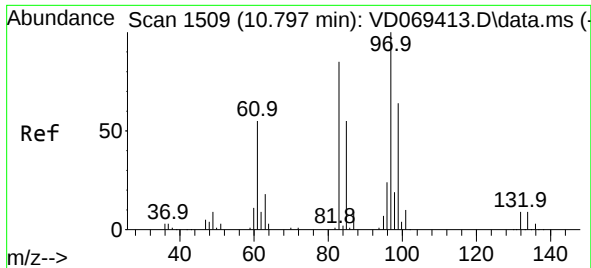
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6/14/2021 10:56:23 AM



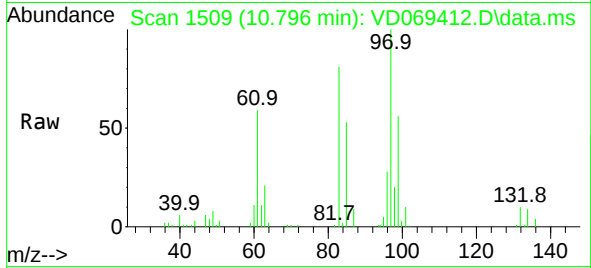
#54
cis-1,3-Dichloropropene
Concen: 19.784 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 75 Resp: 134819
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
39 35.9 29.7 44.5

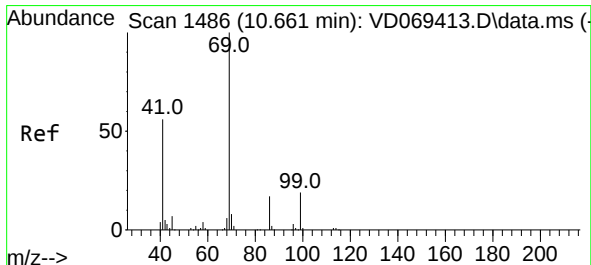
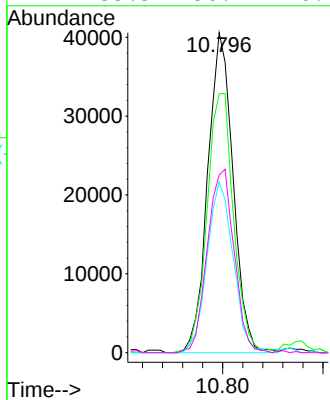
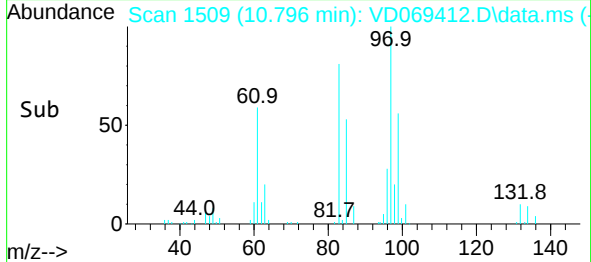




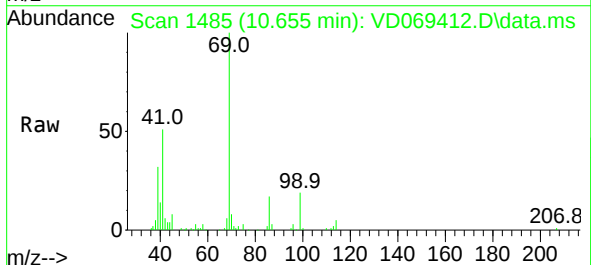
#55
1,1,2-Trichloroethane
Concen: 19.497 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



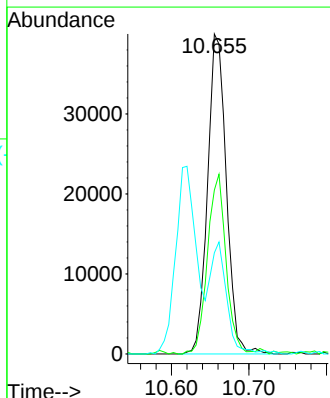
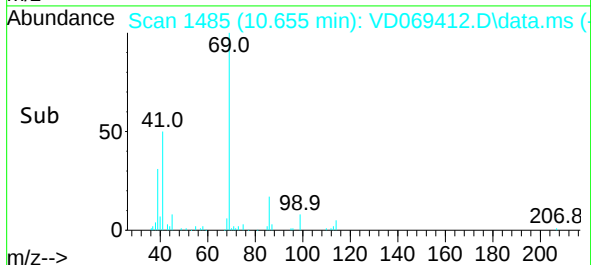
Tgt Ion:	97	Resp:	71066
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.4	104.0
85	53.3	44.5	66.7
99	55.5	50.7	76.1



#56
Ethyl methacrylate
Concen: 20.153 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



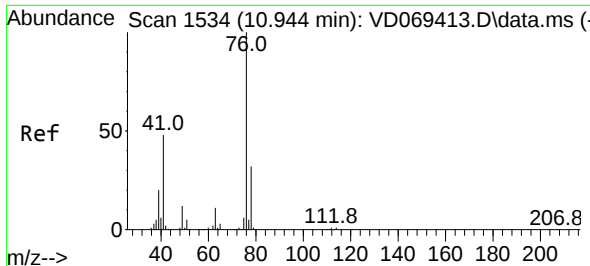
Tgt Ion:	69	Resp:	67241
Ion	Ratio	Lower	Upper
69	100		
41	55.7	45.4	68.2
39	29.0	21.7	32.5



Instrument :
MSVOA_D
ClientSampleId :
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6/14/2021 10:56:23 AM



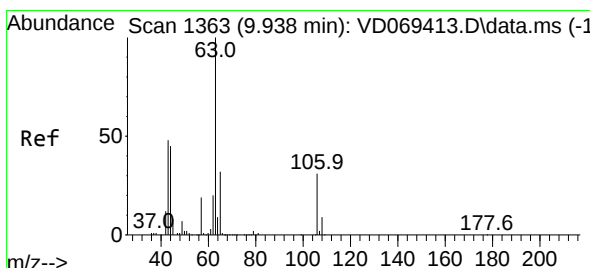
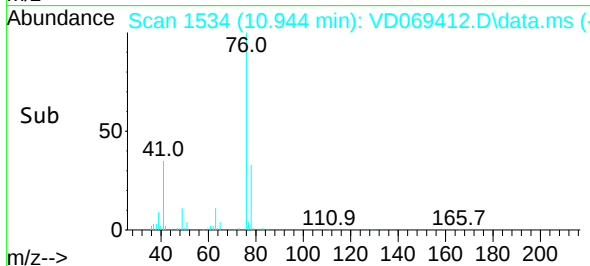
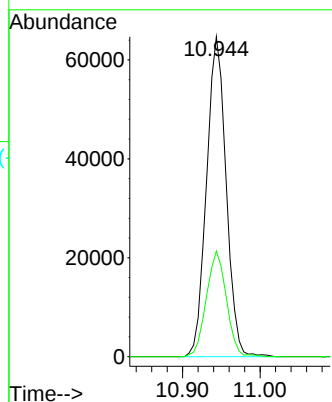
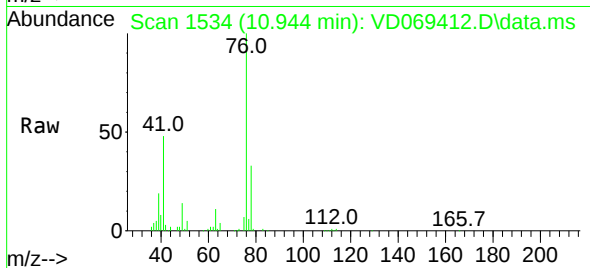
#57
1,3-Dichloropropane
Concen: 19.485 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 76 Resp: 113598
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

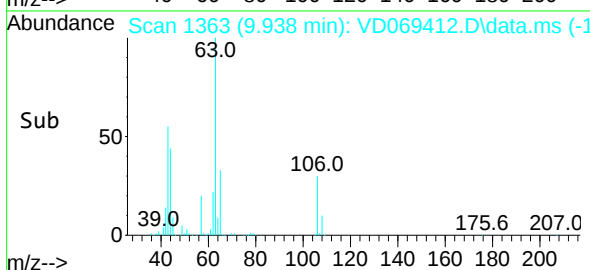
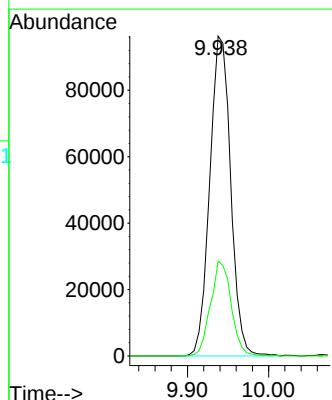
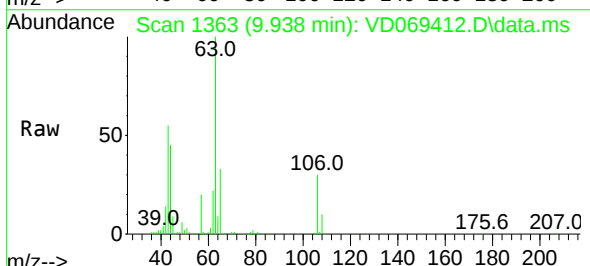
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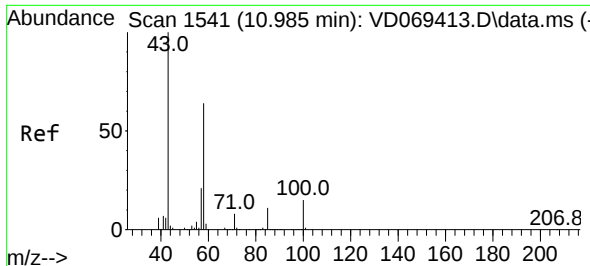
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6/14/2021 10:56:23 AM



#58
2-Chloroethyl Vinyl ether
Concen: 101.811 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 63 Resp: 172227
Ion Ratio Lower Upper
63 100
106 29.3 24.8 37.2





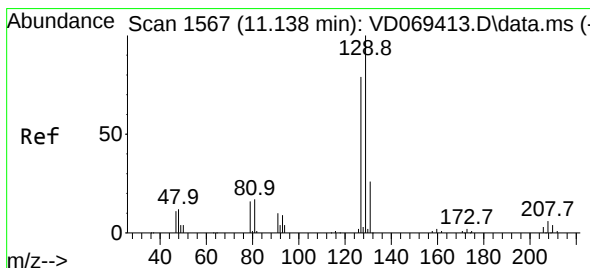
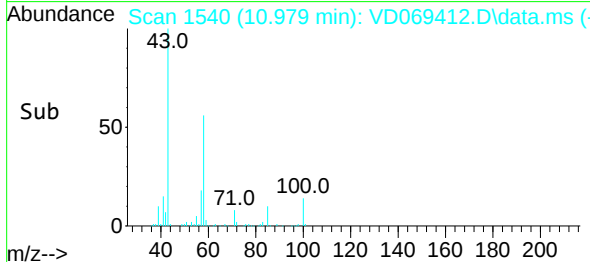
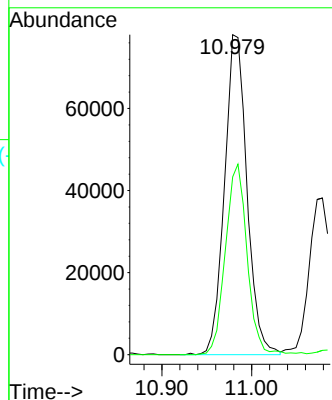
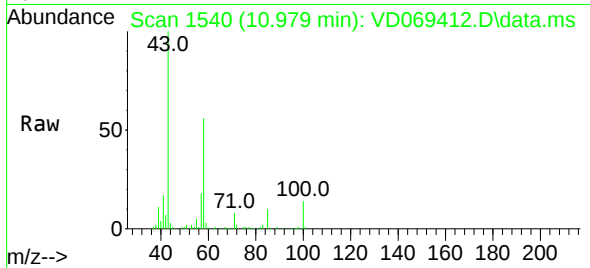
#59
2-Hexanone
Concen: 103.521 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 43 Resp: 135695
Ion Ratio Lower Upper
43 100
58 57.7 30.8 92.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

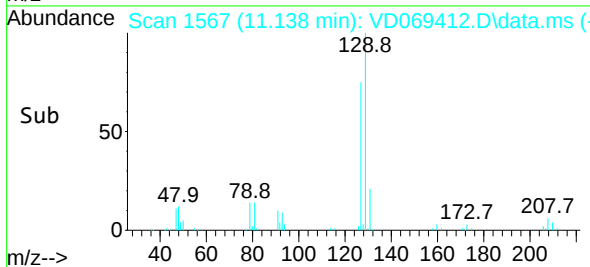
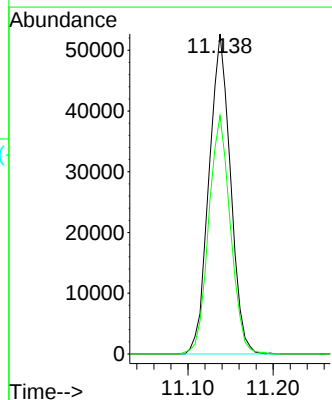
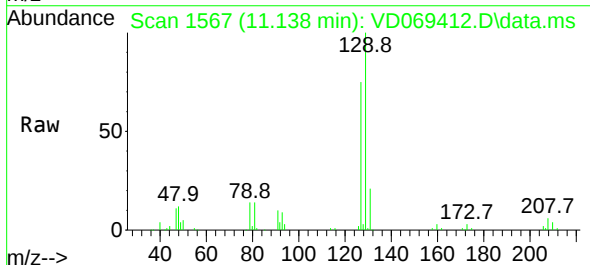
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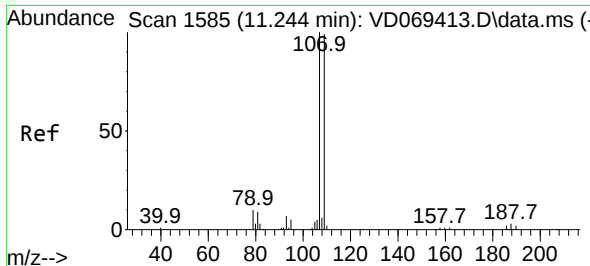
MMDadoda
6/14/2021 10:56:23 AM



#60
Dibromochloromethane
Concen: 19.889 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

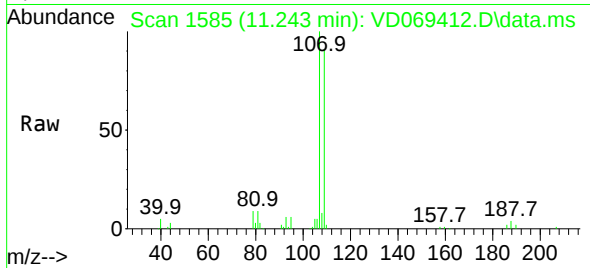
Tgt Ion:129 Resp: 92206
Ion Ratio Lower Upper
129 100
127 75.0 39.6 118.7





#61
1,2-Dibromoethane
Concen: 20.232 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

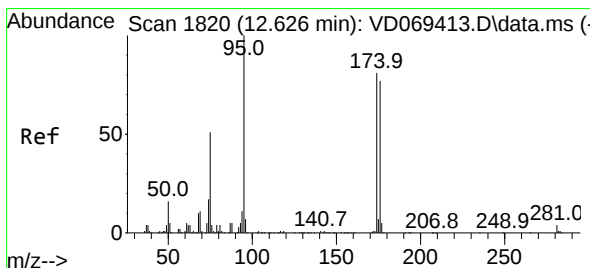
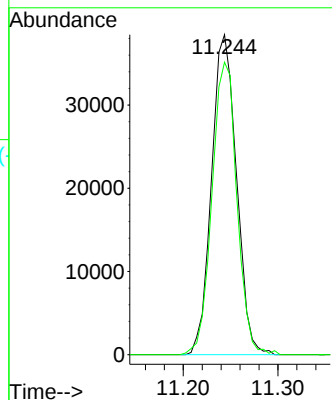
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



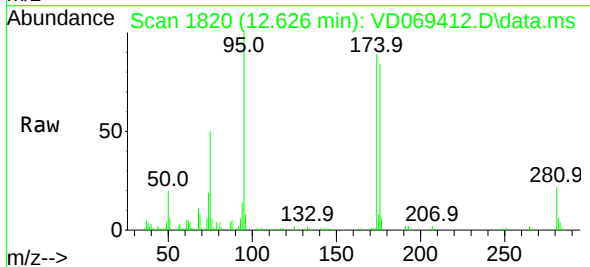
Tgt Ion:107 Resp: 70331
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9

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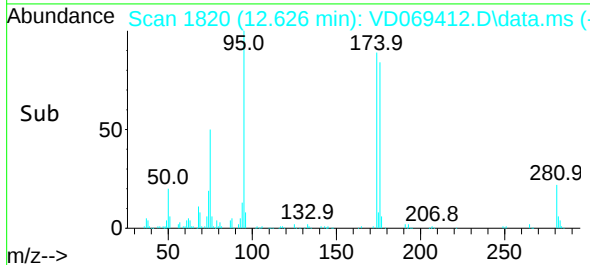
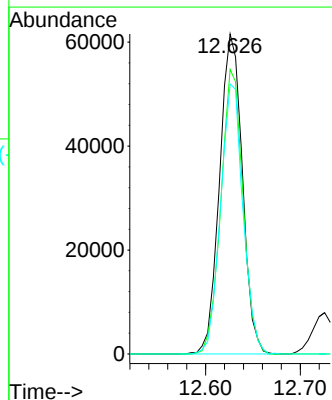
MMDadoda
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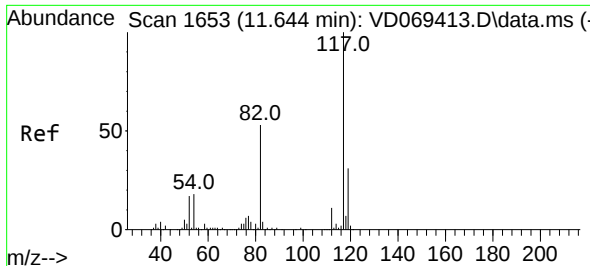


#62
4-Bromofluorobenzene
Concen: 19.677 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



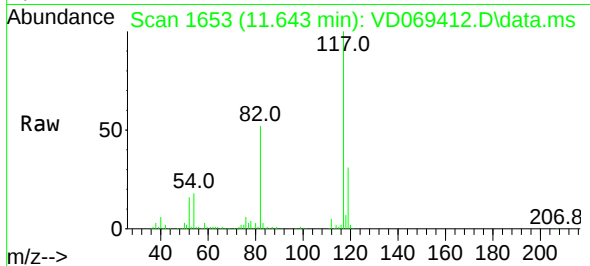
Tgt Ion: 95 Resp: 102673
Ion Ratio Lower Upper
95 100
174 86.5 0.0 162.8
176 83.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

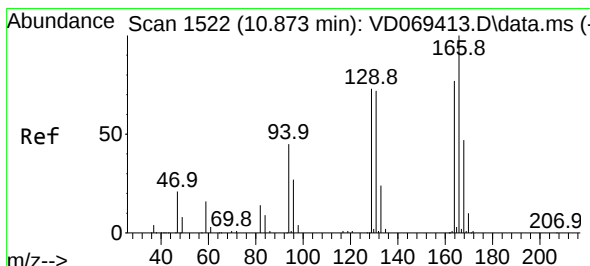
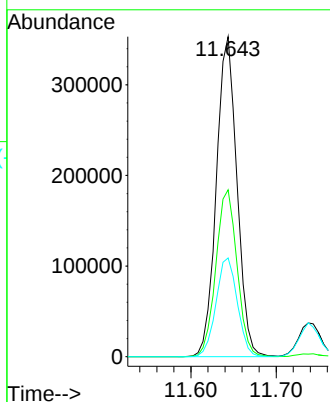
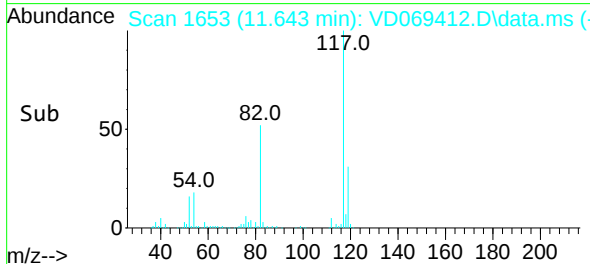
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



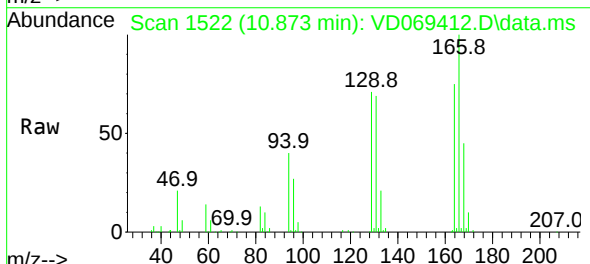
Tgt Ion:117 Resp: 593898
Ion Ratio Lower Upper
117 100
82 52.2 43.3 64.9
119 30.8 25.3 37.9

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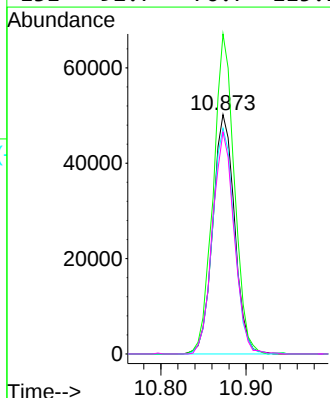
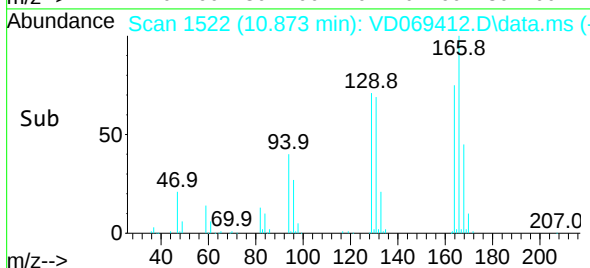
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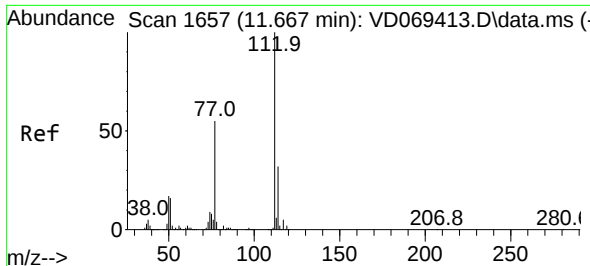


#64
Tetrachloroethene
Concen: 18.678 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion:164 Resp: 88689
Ion Ratio Lower Upper
164 100
166 133.7 100.2 150.4
129 94.3 78.1 117.1
131 92.7 76.7 115.1





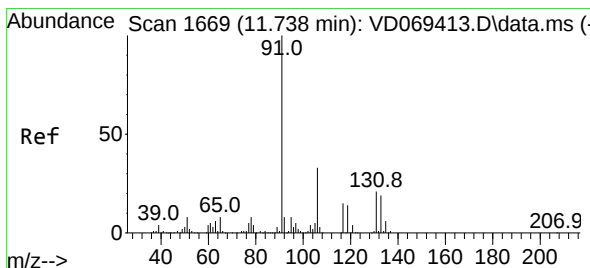
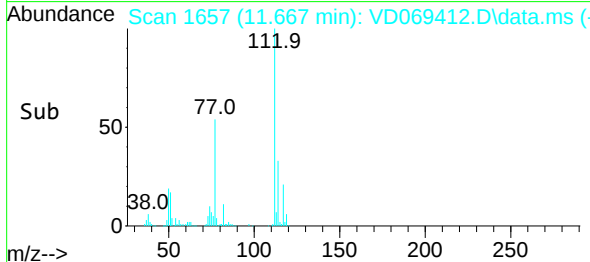
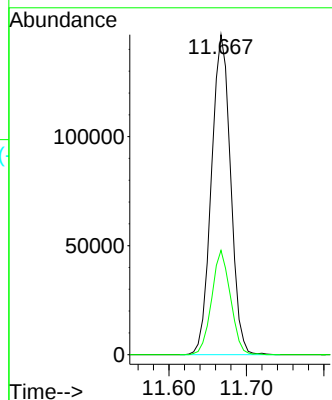
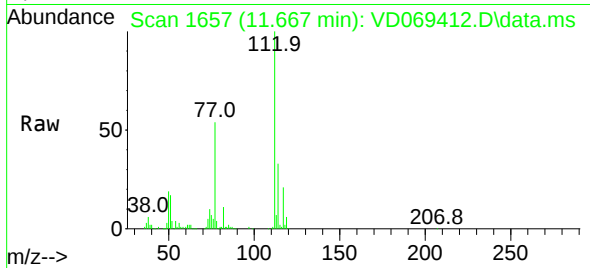
#65
Chlorobenzene
Concen: 19.312 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 252515
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

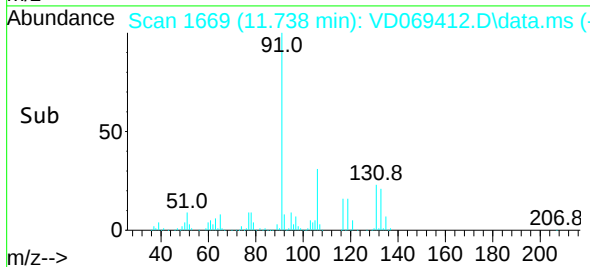
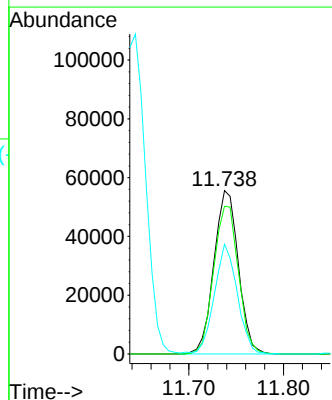
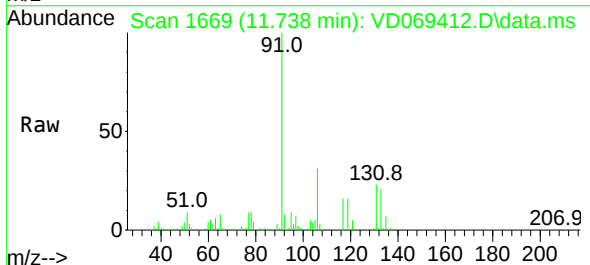
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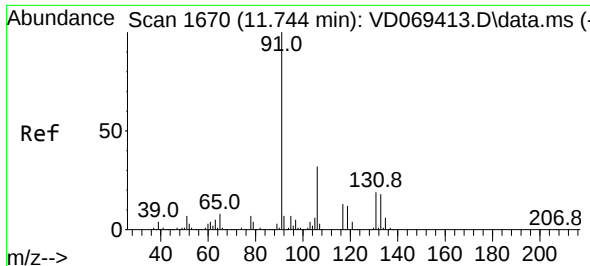
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.715 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

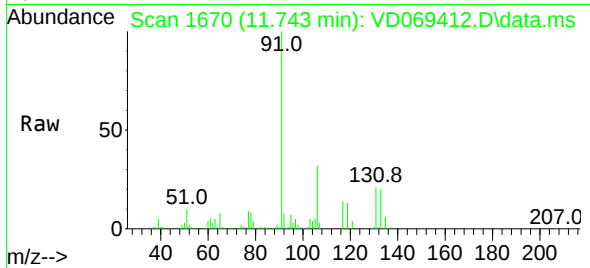
Tgt Ion:131 Resp: 99686
Ion Ratio Lower Upper
131 100
133 91.8 47.4 142.2
119 63.3 32.8 98.3





#67
Ethyl Benzene
Concen: 19.820 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

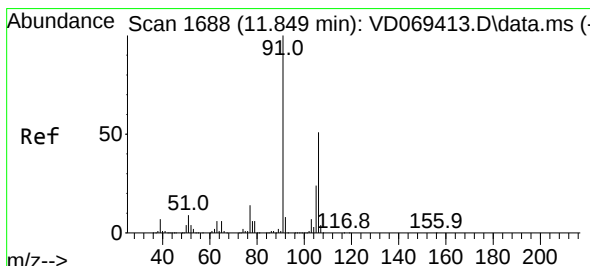
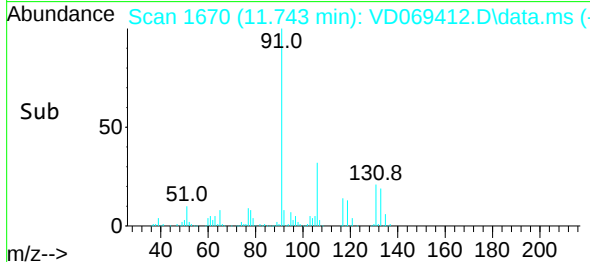
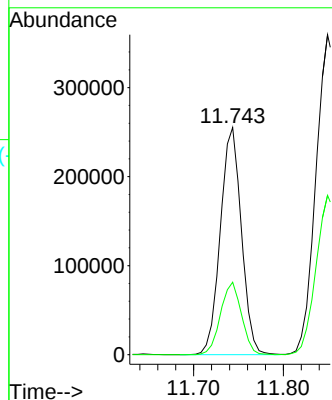
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 415557
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

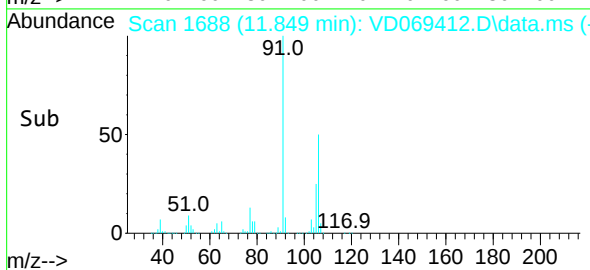
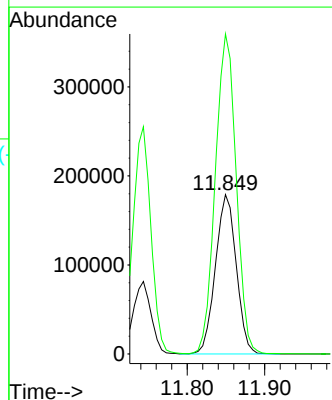
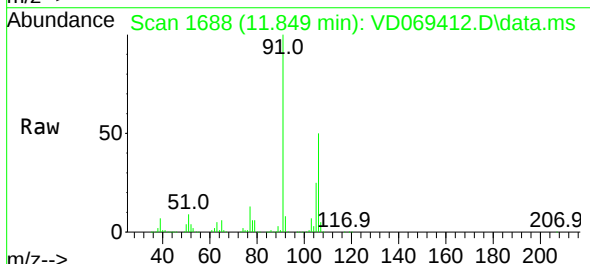
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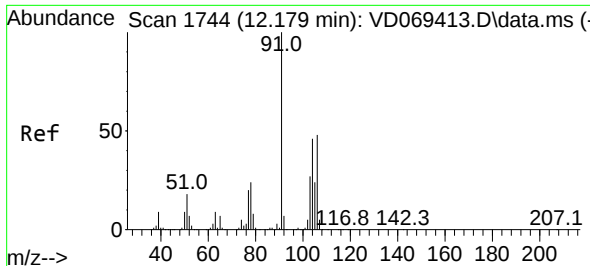
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#68
m/p-Xylenes
Concen: 39.655 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 106 Resp: 333654
Ion Ratio Lower Upper
106 100
91 201.7 158.3 237.5





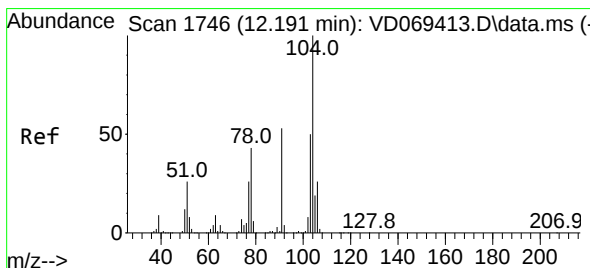
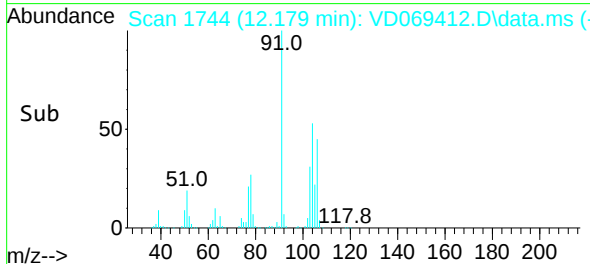
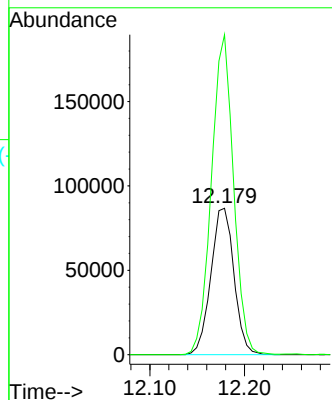
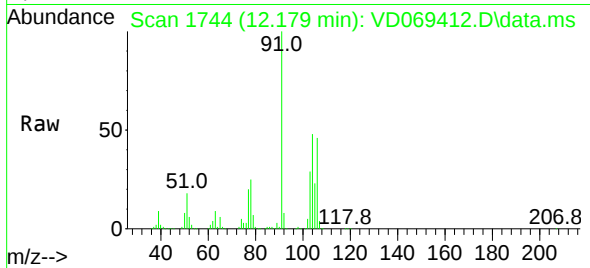
#69
o-Xylene
Concen: 20.268 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:106 Resp: 147127
Ion Ratio Lower Upper
106 100
91 208.7 105.5 316.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

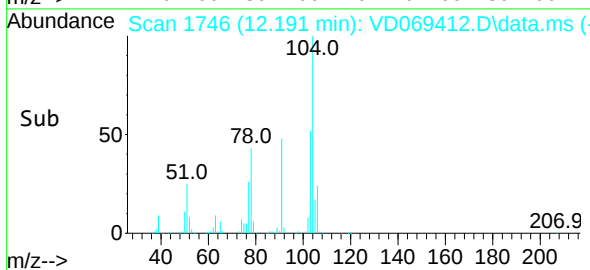
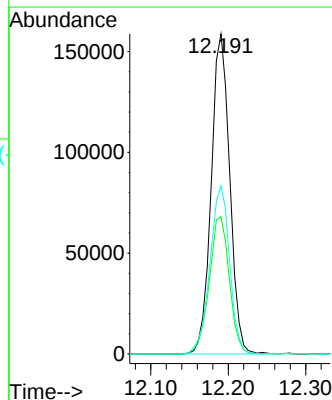
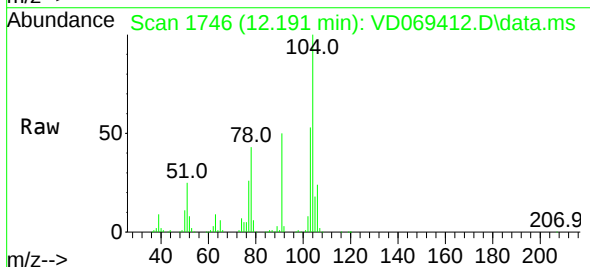
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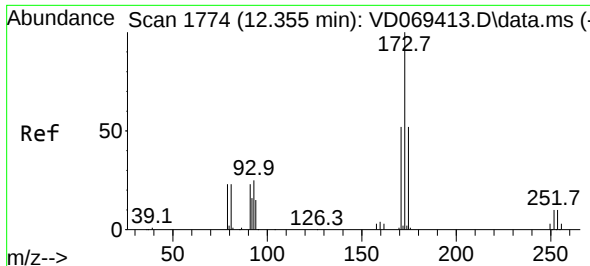
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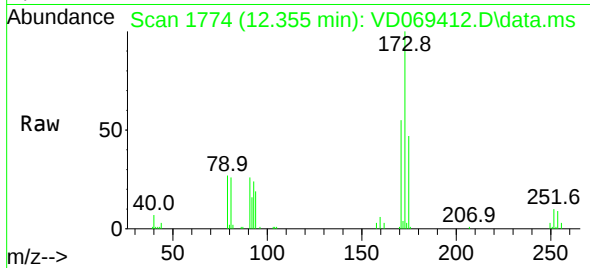
#70
Styrene
Concen: 20.565 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:104 Resp: 263547
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 55.5 44.3 66.5

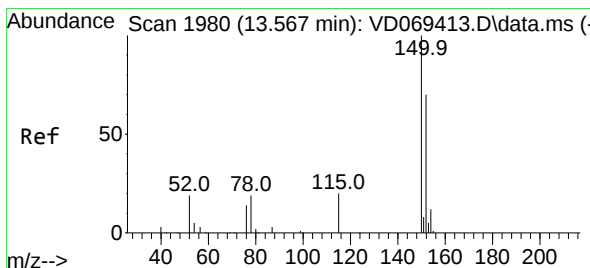
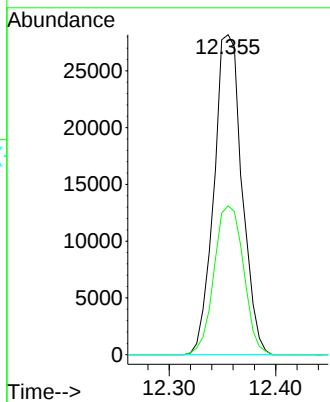
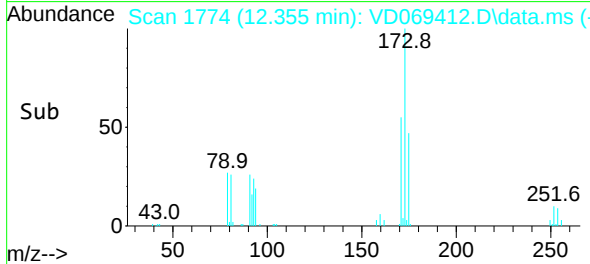




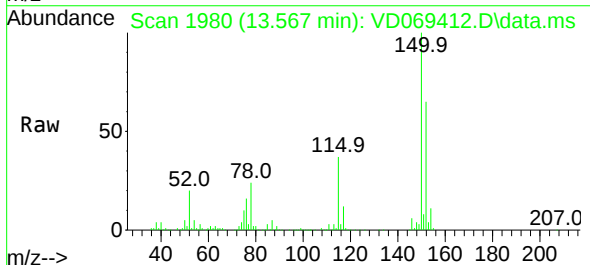
#71
Bromoform
Concen: 19.921 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



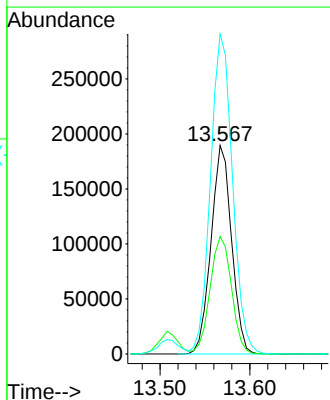
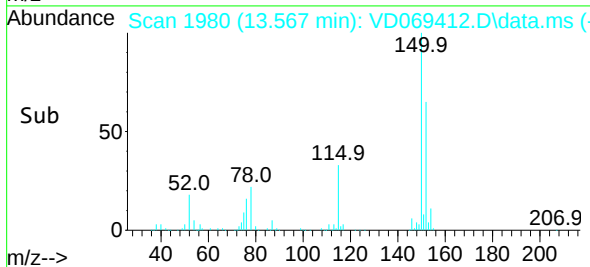
Tgt Ion:173 Resp: 51448
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



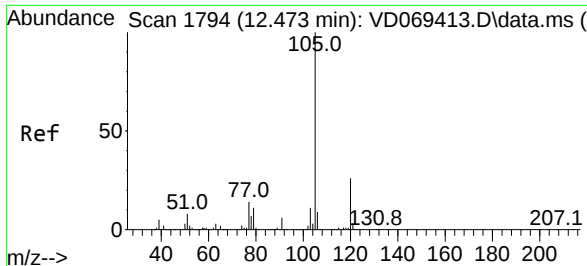
Tgt Ion:152 Resp: 301475
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 164.3 0.0 355.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

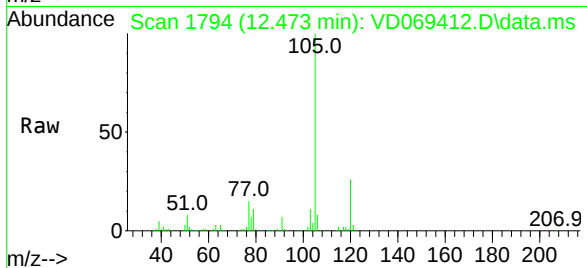
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#73
Isopropylbenzene
Concen: 19.797 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

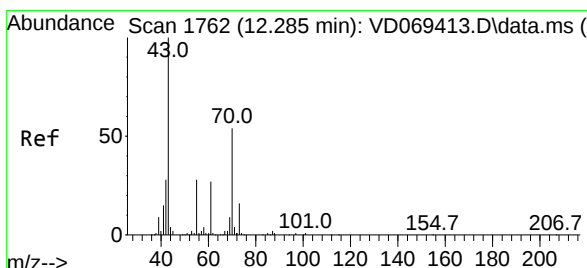
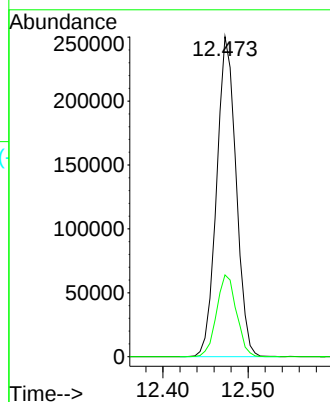
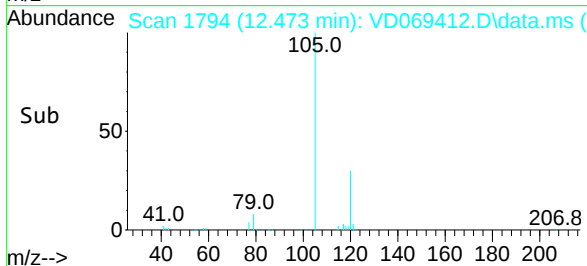
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



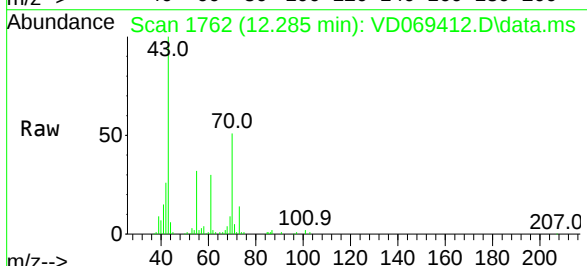
Tgt Ion:105 Resp: 397174
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

Manual Integrations
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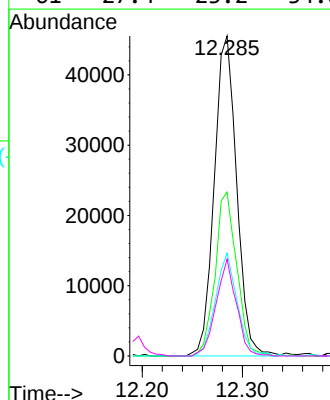
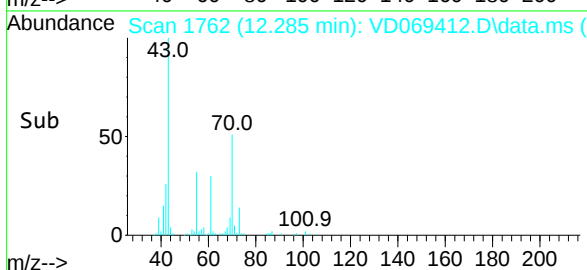
MMDadoda
6/14/2021 10:56:23 AM

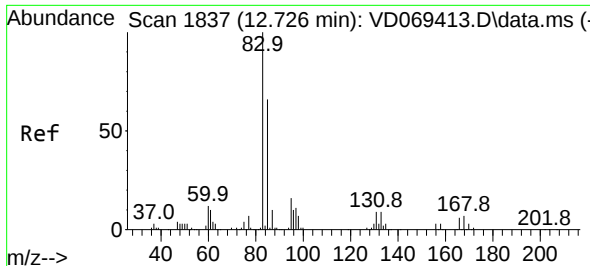


#74
N-ethyl acetate
Concen: 20.006 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion: 43 Resp: 70696
Ion Ratio Lower Upper
43 100
70 49.4 40.9 61.3
55 31.2 23.4 35.0
61 27.4 23.2 34.8





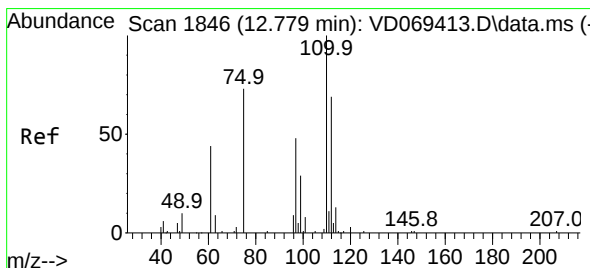
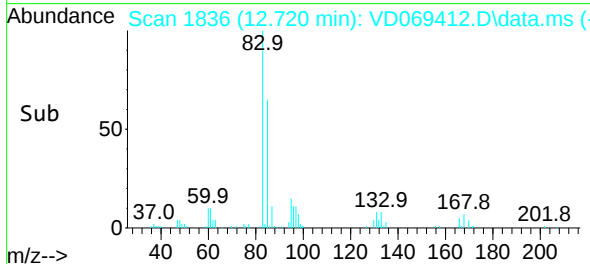
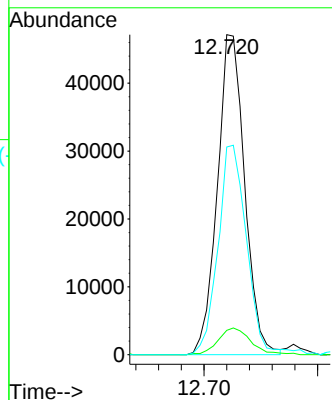
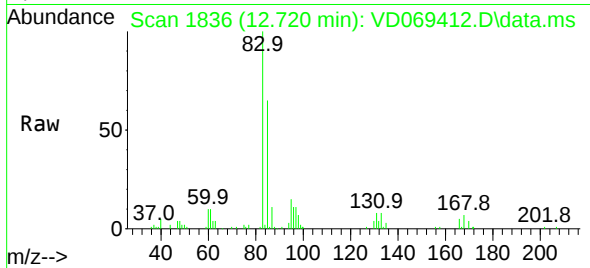
#75
1,1,2,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	68.8	32.6	98.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

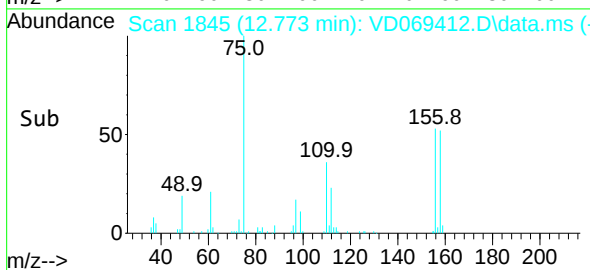
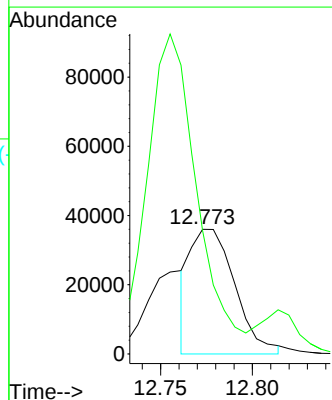
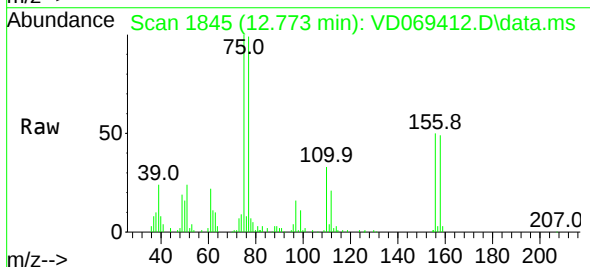
Manual Integrations
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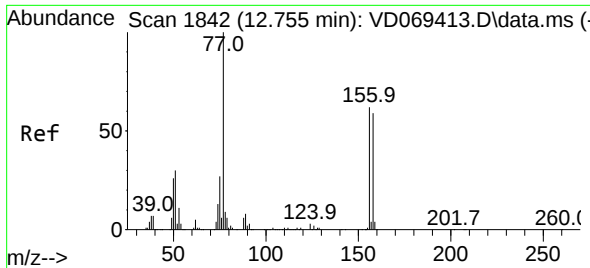
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#76
1,2,3-Trichloropropane
Concen: 26.316 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	289.0	183.8	551.2





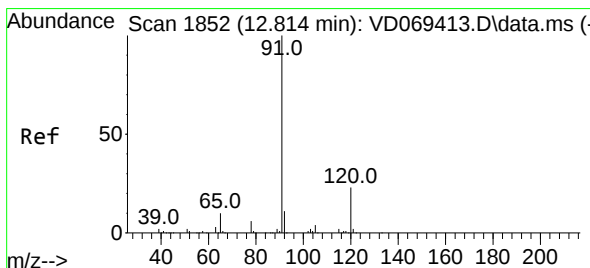
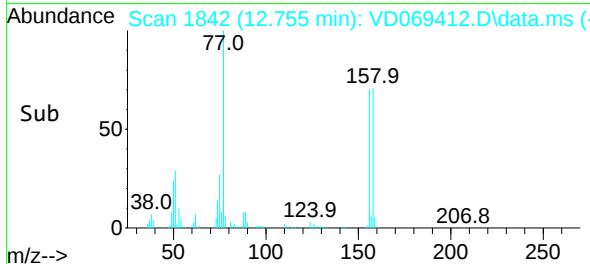
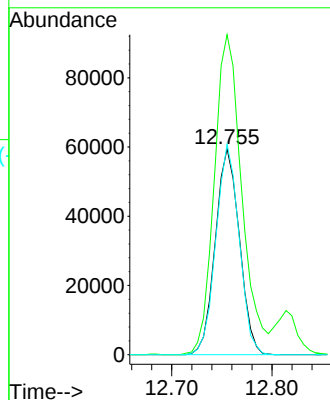
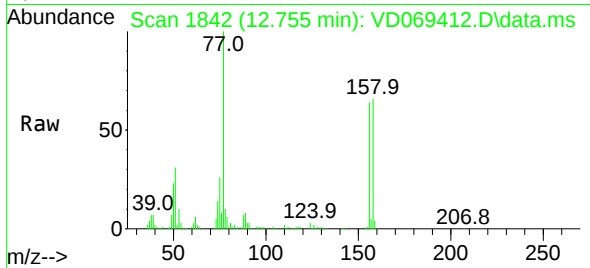
#77
Bromobenzene
Concen: 19.058 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
156	100		
77	177.3	89.3	267.9
158	98.4	48.0	144.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

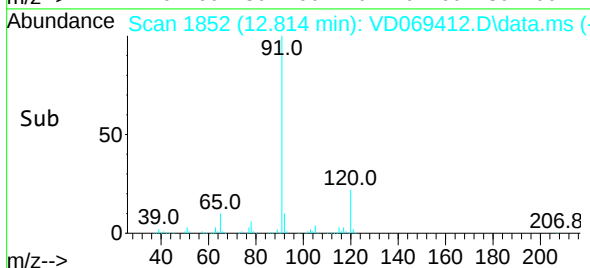
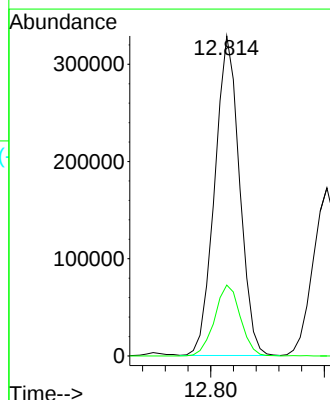
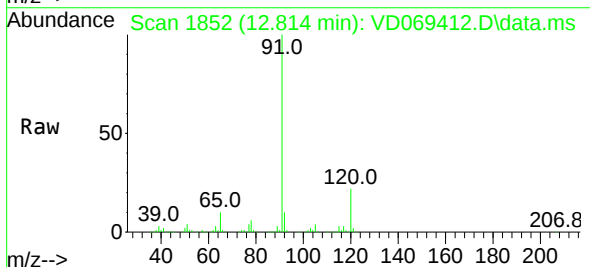
Manual Integrations
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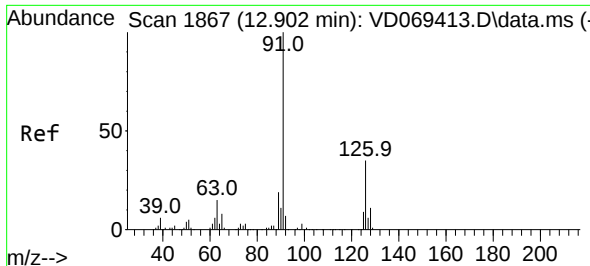
MMDadoda
6/14/2021 10:56:23 AM



#78
n-propylbenzene
Concen: 20.021 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.8





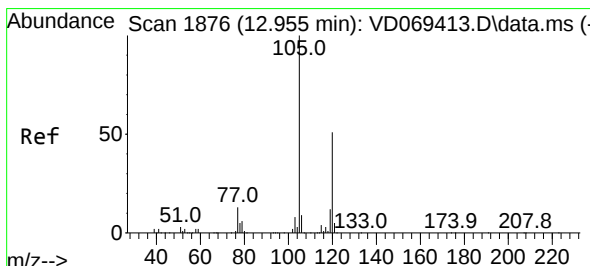
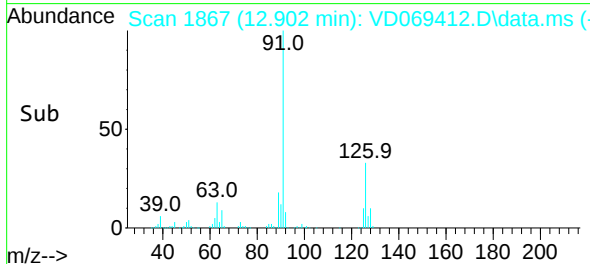
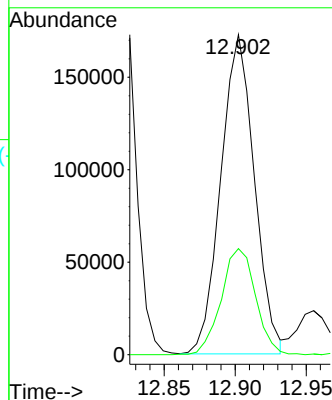
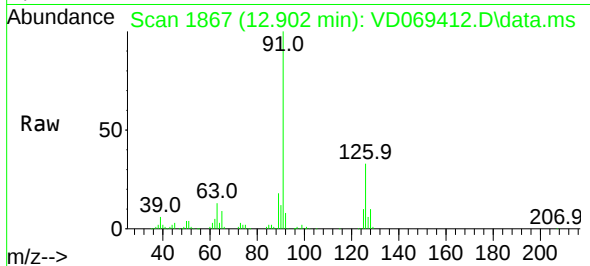
#79
2-Chlorotoluene
Concen: 19.804 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 91 Resp: 283160
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

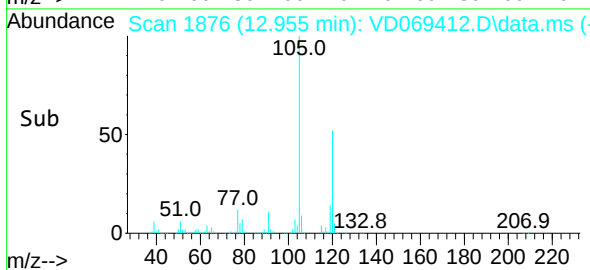
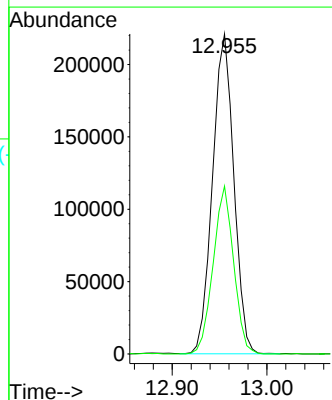
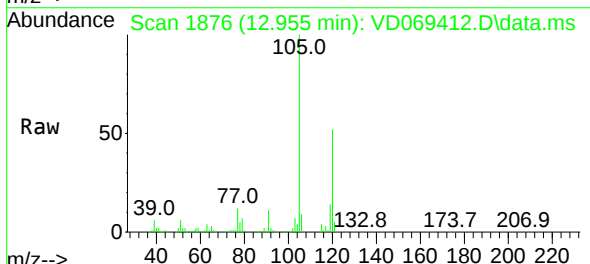
Manual Integrations
APPROVED

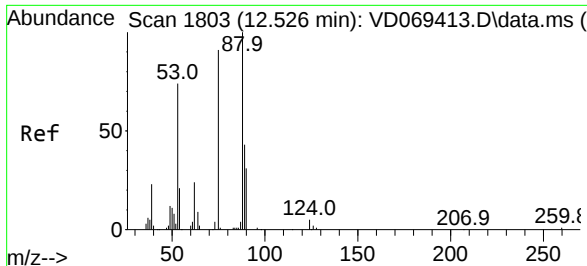
MMDadoda
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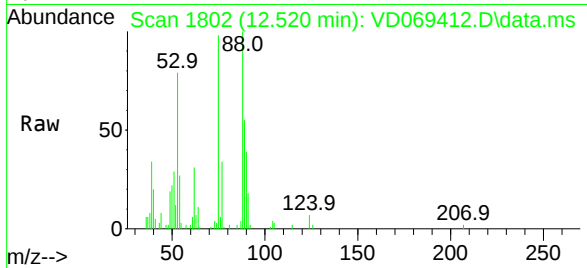
#80
1,3,5-Trimethylbenzene
Concen: 20.393 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 105 Resp: 344656
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7

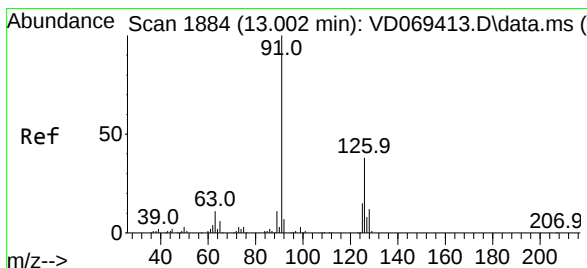
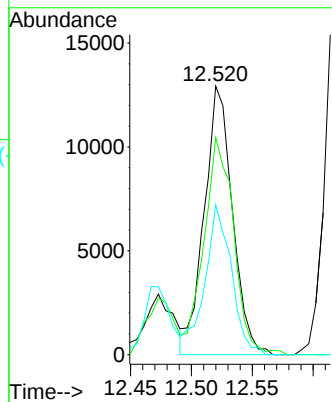
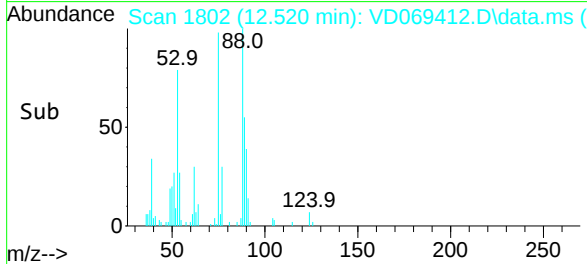




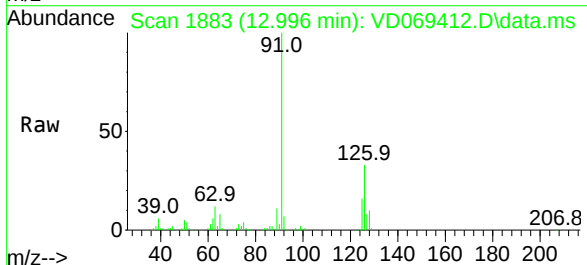
#81
trans-1,4-Dichloro-2-butene
Concen: 19.140 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



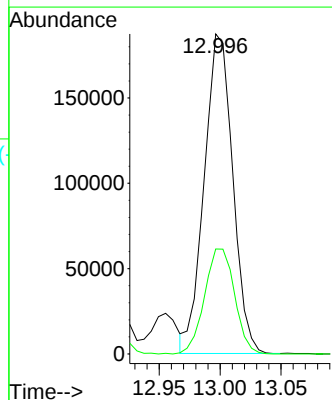
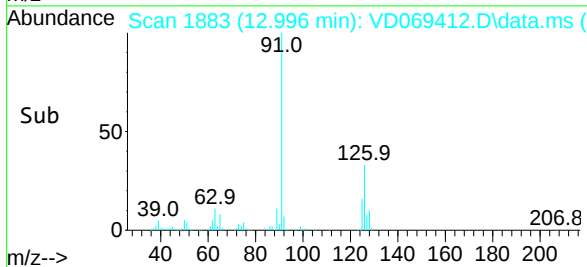
Tgt Ion: 75 Resp: 20862
Ion Ratio Lower Upper
75 100
53 85.4 62.6 94.0
89 52.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 19.973 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



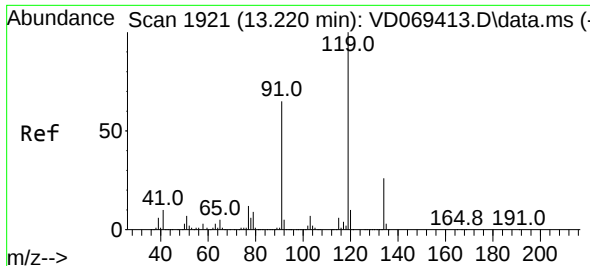
Tgt Ion: 91 Resp: 304890
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

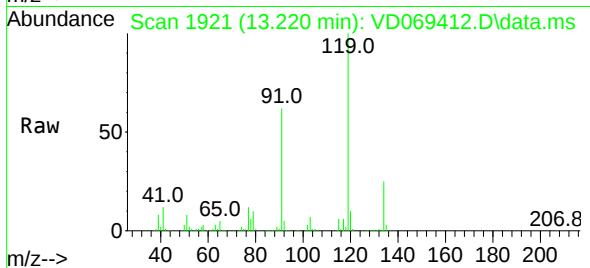
Manual Integrations
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#83
tert-Butylbenzene
Concen: 19.813 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

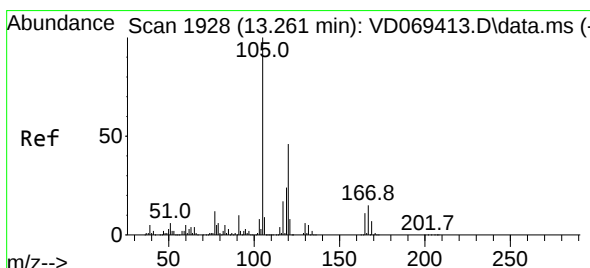
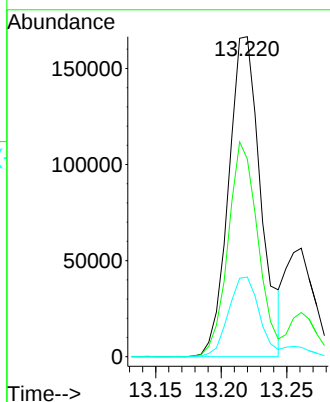
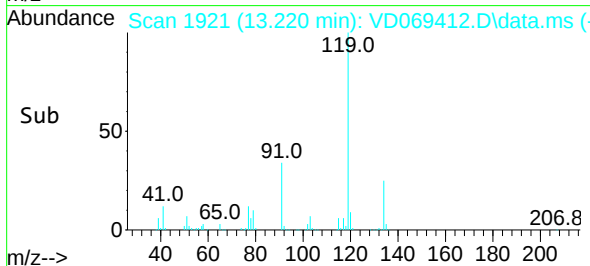
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



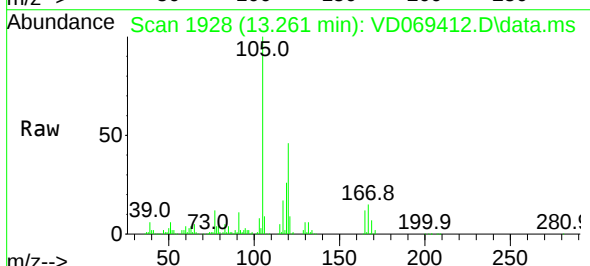
Tgt Ion:119 Resp: 284509
Ion Ratio Lower Upper
119 100
91 62.2 31.7 95.1
134 23.8 13.4 40.1

Manual Integrations
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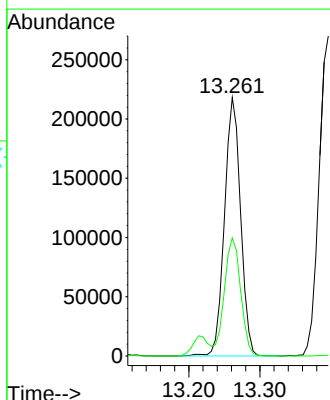
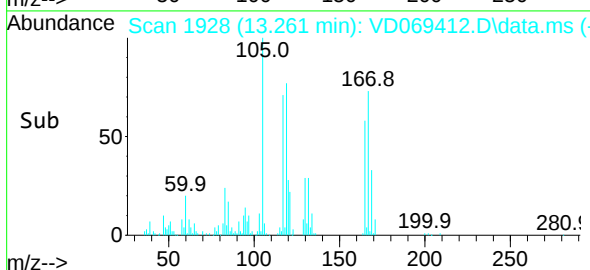
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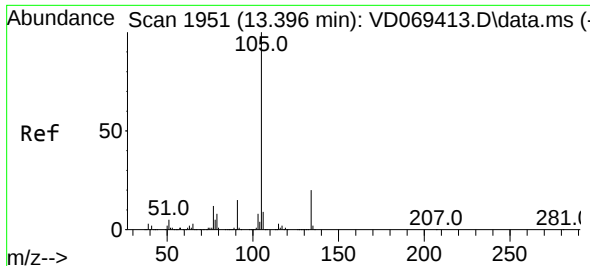


#84
1,2,4-Trimethylbenzene
Concen: 20.274 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



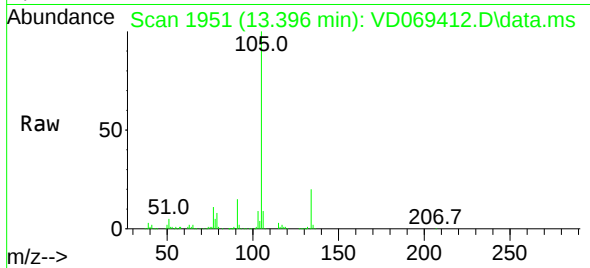
Tgt Ion:105 Resp: 342625
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.799 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069412.D
 Acq: 11 Jun 2021 11:00

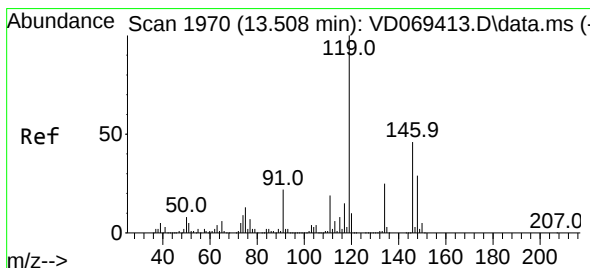
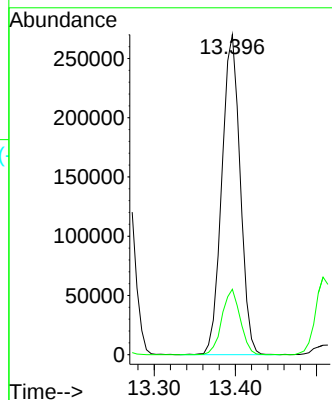
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



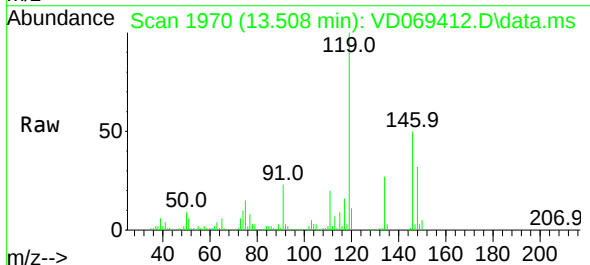
Tgt Ion:105 Resp: 423810
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

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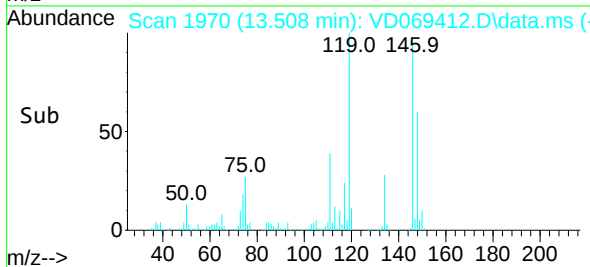
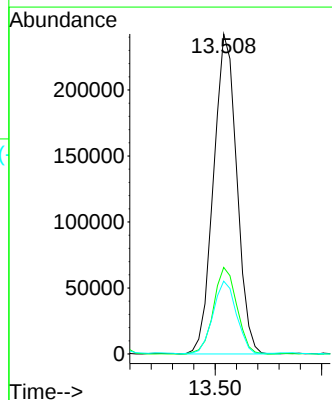
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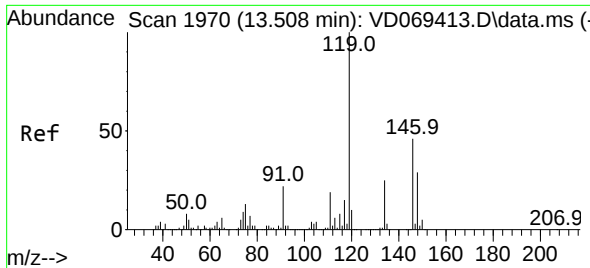


#86
 p-Isopropyltoluene
 Concen: 19.994 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069412.D
 Acq: 11 Jun 2021 11:00



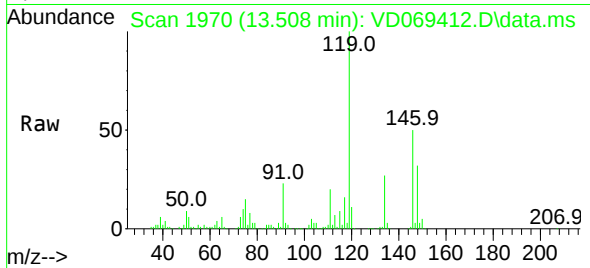
Tgt Ion:119 Resp: 367159
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 23.1 11.3 33.8





#87
1,3-Dichlorobenzene
Concen: 19.154 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

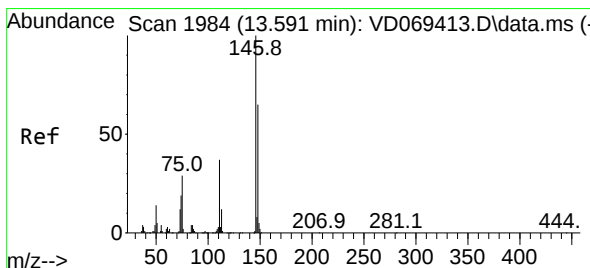
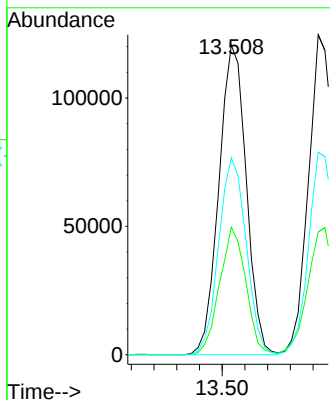
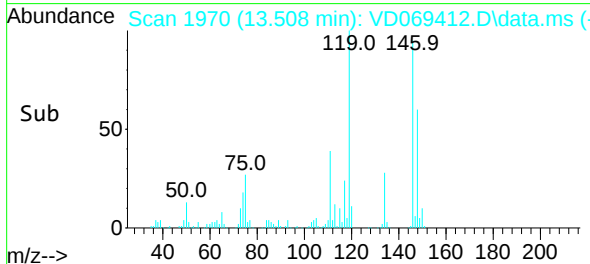
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



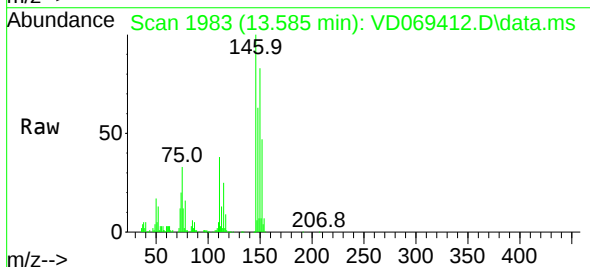
Tgt Ion:146 Resp: 202136
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.7 31.9 95.9

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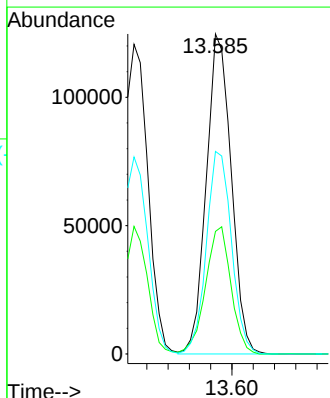
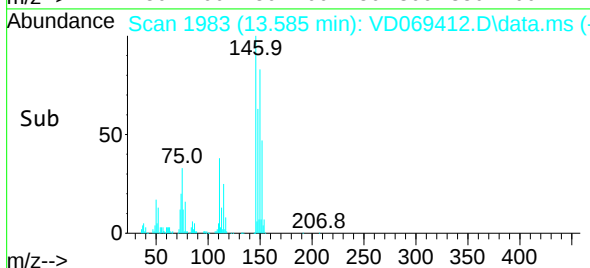
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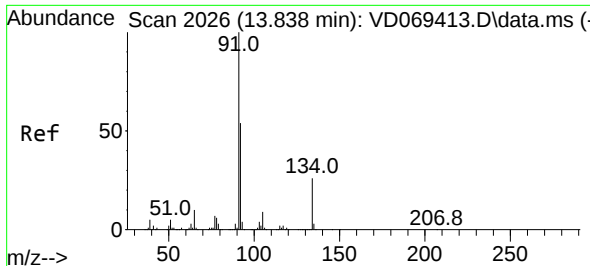


#88
1,4-Dichlorobenzene
Concen: 19.043 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion:146 Resp: 202975
Ion Ratio Lower Upper
146 100
111 40.6 19.4 58.4
148 63.8 31.1 93.3





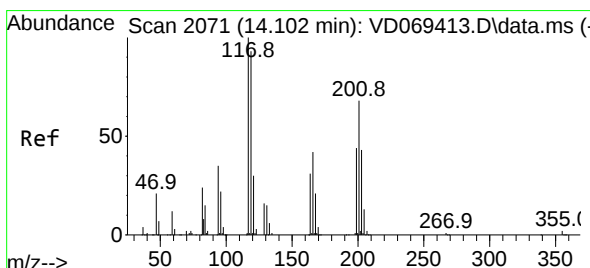
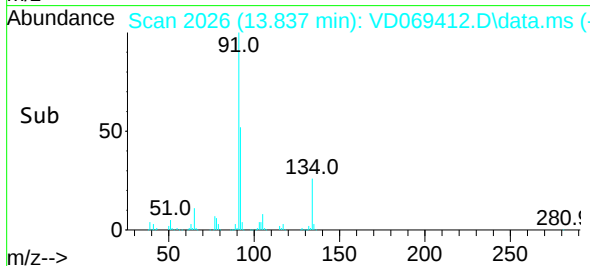
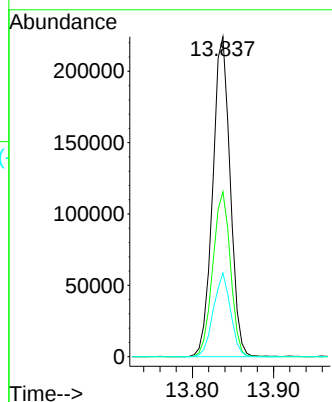
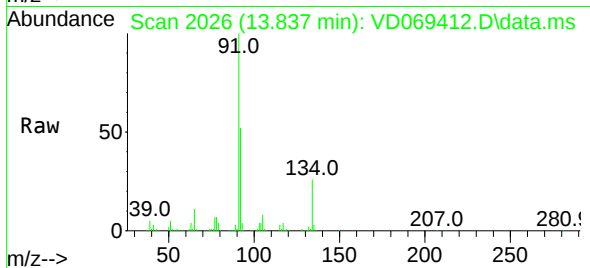
#89
n-Butylbenzene
Concen: 19.566 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 91 Resp: 335627
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 25.6 13.0 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

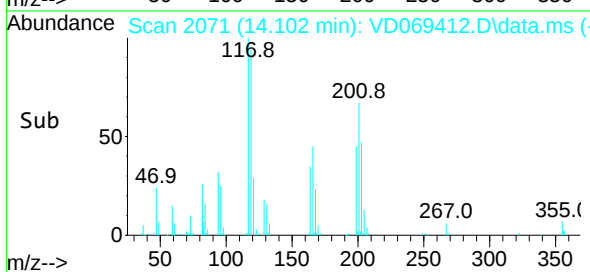
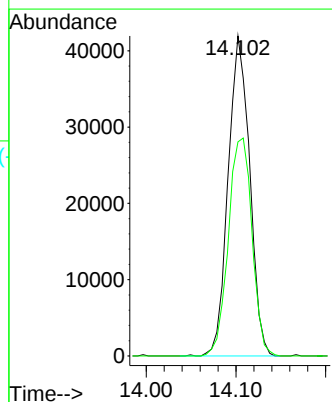
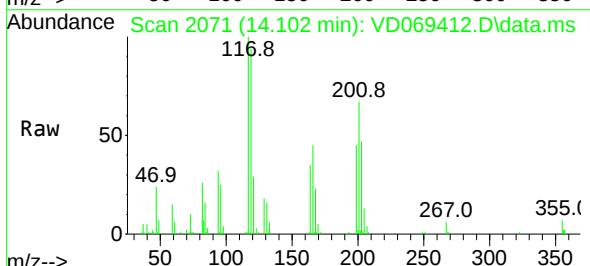
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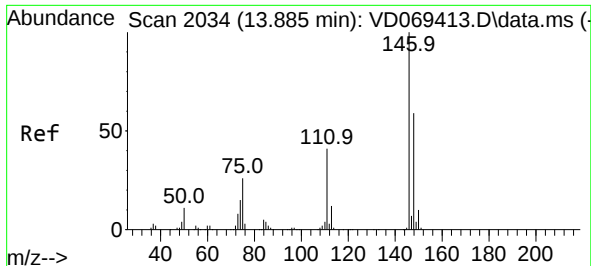
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#90
Hexachloroethane
Concen: 18.390 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 117 Resp: 69978
Ion Ratio Lower Upper
117 100
201 74.7 36.0 108.1





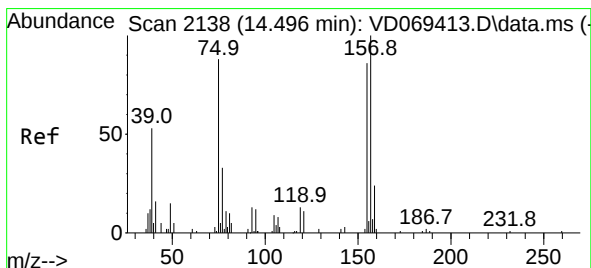
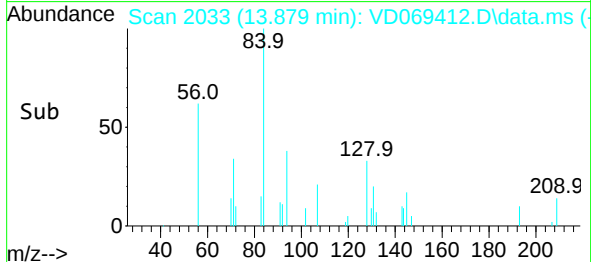
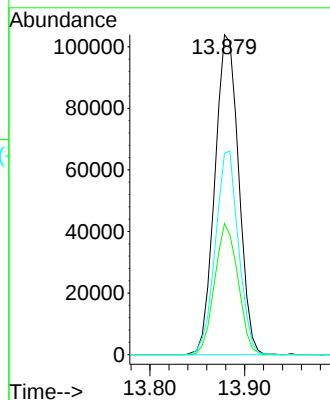
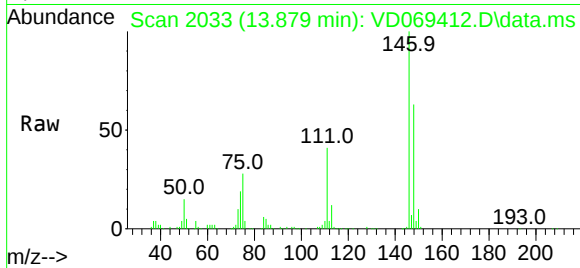
#91
1,2-Dichlorobenzene
Concen: 19.578 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:146 Resp: 181727
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 61.9 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

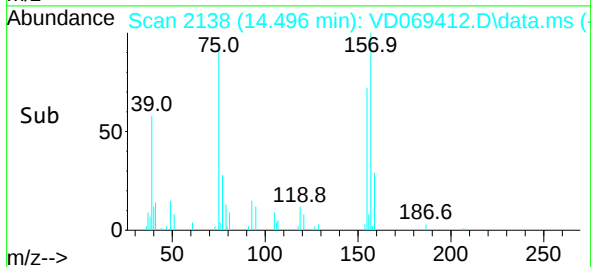
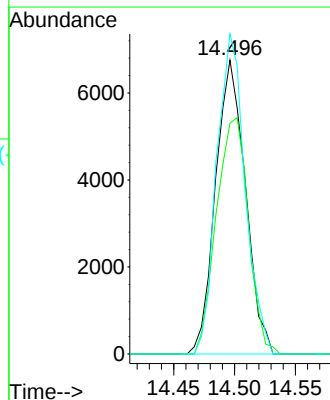
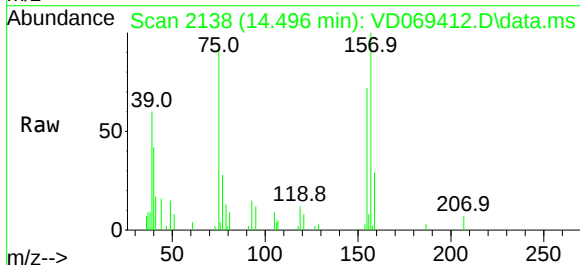
Manual Integrations
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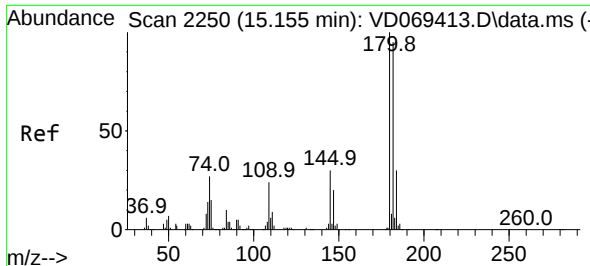
MMDadoda
6/14/2021 10:56:23 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.803 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion: 75 Resp: 11516
Ion Ratio Lower Upper
75 100
155 85.8 42.1 126.4
157 103.7 54.4 163.3





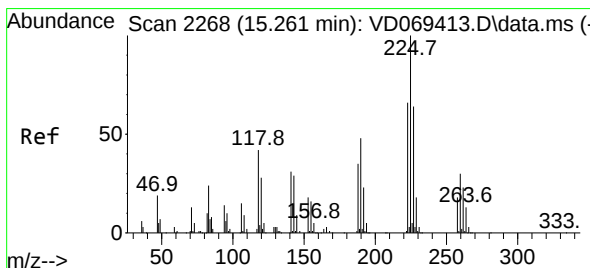
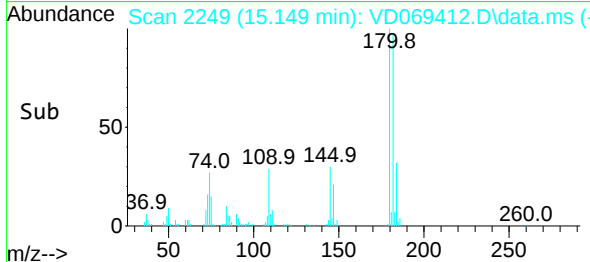
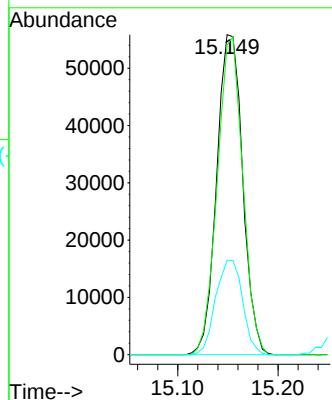
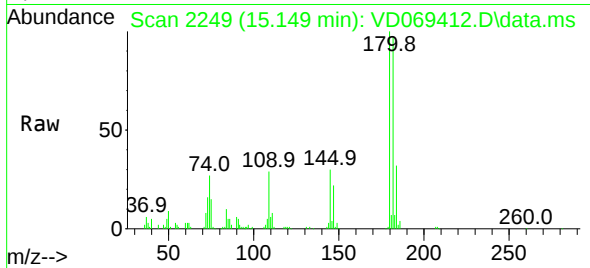
#93
1,2,4-Trichlorobenzene
Concen: 19.353 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:180 Resp: 100283
Ion Ratio Lower Upper
180 100
182 97.5 47.3 141.8
145 30.5 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

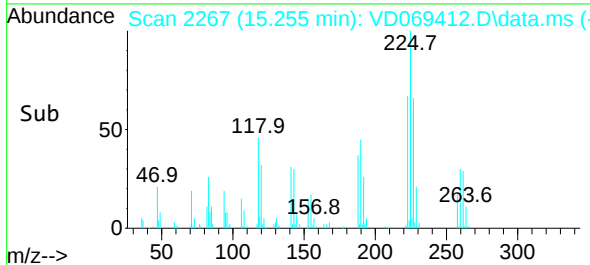
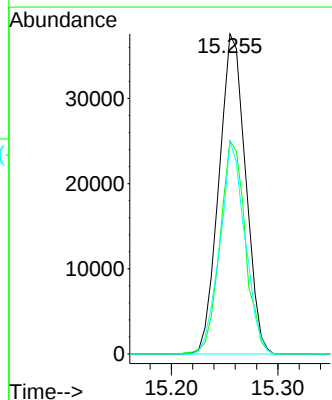
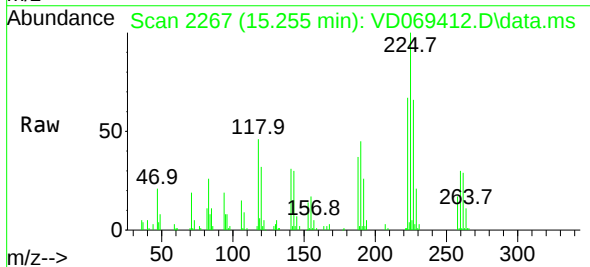
Manual Integrations
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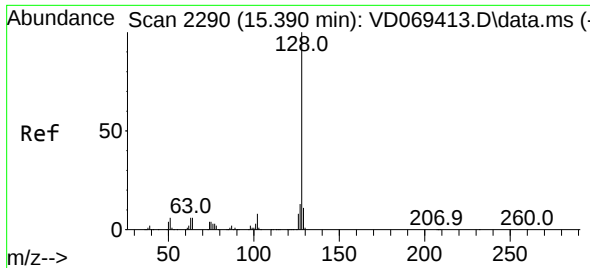
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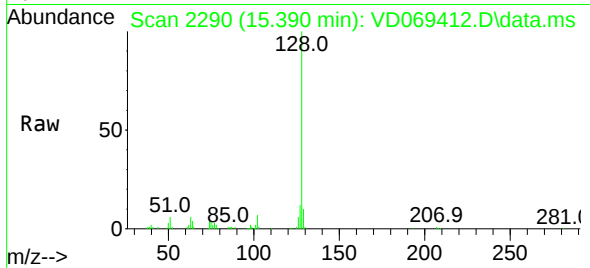
#94
Hexachlorobutadiene
Concen: 19.315 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00

Tgt Ion:225 Resp: 65107
Ion Ratio Lower Upper
225 100
223 63.4 30.5 91.5
227 62.5 31.4 94.2

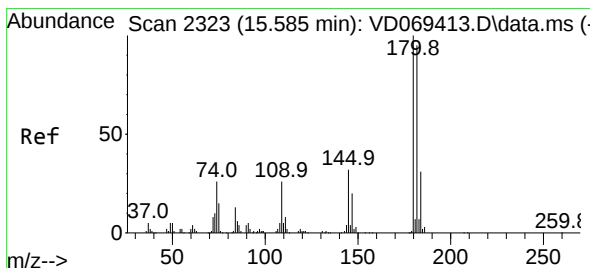
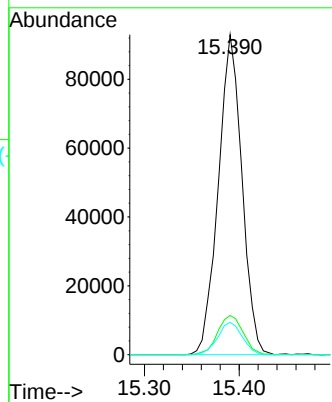
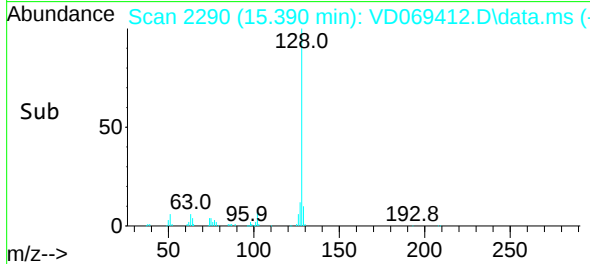




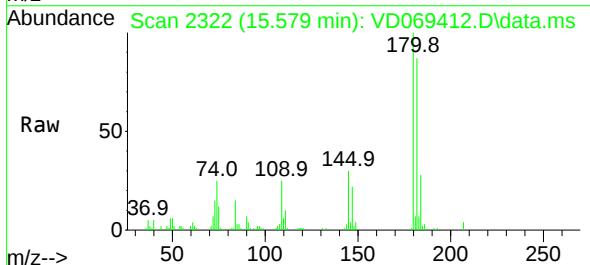
#95
Naphthalene
Concen: 19.671 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



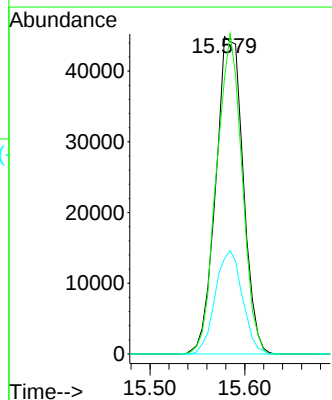
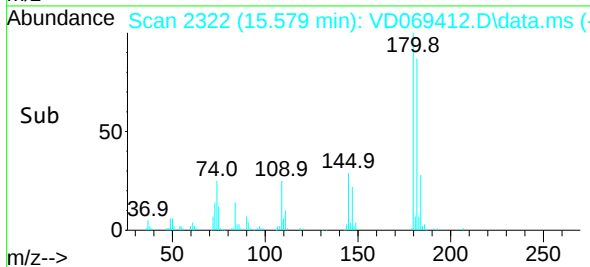
Tgt Ion:128 Resp: 161335
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.130 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VD069412.D
Acq: 11 Jun 2021 11:00



Tgt Ion:180 Resp: 90149
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 32.1 15.9 47.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
6/14/2021 10:56:23 AM