

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069212.D
 Acq On : 20 May 2021 12:06
 Operator : VA/SY
 Sample : VD0520SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

Manual Integrations
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 5/21/2021 1:48:00 PM

Quant Time: May 21 00:52:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	268533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	452425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	421721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136146	50.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.14%			
35) Dibromofluoromethane	7.914	113	146867	49.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.76%			
50) Toluene-d8	10.338	98	537452	49.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.36%			
62) 4-Bromofluorobenzene	12.626	95	184027	52.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	59615	20.88	ug/l	97
3) Chloromethane	2.209	50	71372	21.75	ug/l	90
4) Vinyl Chloride	2.344	62	91686	21.20	ug/l	99
5) Bromomethane	2.750	94	67846	20.85	ug/l	90
6) Chloroethane	2.915	64	63520	22.83	ug/l #	86
7) Trichlorofluoromethane	3.262	101	109352	20.72	ug/l	96
8) Diethyl Ether	3.703	74	24936	20.70	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	63714	21.31	ug/l	98
10) Methyl Iodide	4.297	142	49465	16.52	ug/l	96
11) Tert butyl alcohol	5.220	59	20520m	127.98	ug/l	
12) 1,1-Dichloroethene	4.062	96	57550	21.42	ug/l	86
13) Acrolein	3.920	56	18097	82.62	ug/l	97
14) Allyl chloride	4.709	41	60446	20.51	ug/l	98
15) Acrylonitrile	5.426	53	47748	106.21	ug/l	97
16) Acetone	4.162	43	43934	106.56	ug/l	99
17) Carbon Disulfide	4.403	76	186131	20.90	ug/l	100
18) Methyl Acetate	4.720	43	23501	23.46	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	95684	19.63	ug/l	95
20) Methylene Chloride	4.967	84	83974	19.49	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	64576	20.27	ug/l	93
22) Diisopropyl ether	6.361	45	128152	21.77	ug/l	97
23) Vinyl Acetate	6.308	43	337054	97.03	ug/l	95
24) 1,1-Dichloroethane	6.256	63	109584	21.55	ug/l	97
25) 2-Butanone	7.214	43	56491	101.11	ug/l	94
26) 2,2-Dichloropropane	7.208	77	99407	20.90	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	70971	20.52	ug/l	98
28) Bromochloromethane	7.544	49	40232	22.19	ug/l	94
29) Tetrahydrofuran	7.567	42	31344	103.21	ug/l	96
30) Chloroform	7.708	83	121091	21.15	ug/l	94
31) Cyclohexane	7.985	56	81359	20.39	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	109504	21.08	ug/l	98
36) 1,1-Dichloropropene	8.108	75	91156	20.72	ug/l	95
37) Ethyl Acetate	7.285	43	28013	19.82	ug/l	99
38) Carbon Tetrachloride	8.091	117	98690	20.07	ug/l	98
39) Methylcyclohexane	9.355	83	84912	18.30	ug/l	90
40) Benzene	8.350	78	257397	20.43	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13343	17.74	ug/l #	83
42) 1,2-Dichloroethane	8.420	62	71229	20.70	ug/l	97
43) Isopropyl Acetate	8.450	43	52850	20.59	ug/l	97
44) Trichloroethene	9.114	130	70925	20.14	ug/l	95
45) 1,2-Dichloropropane	9.385	63	62100	20.88	ug/l	92
46) Dibromomethane	9.473	93	36368	20.46	ug/l	99
47) Bromodichloromethane	9.661	83	94161	20.81	ug/l #	95
48) Methyl methacrylate	9.455	41	25714m	21.67	ug/l	
49) 1,4-Dioxane	9.455	88	7054	396.78	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	134313	101.73	ug/l	99
52) Toluene	10.402	92	169214	20.81	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	80397	20.22	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	96971	20.41	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	47770	19.94	ug/l	95
56) Ethyl methacrylate	10.661	69	46959	18.81	ug/l	99
57) 1,3-Dichloropropane	10.944	76	77779	20.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	123140	103.81	ug/l	99
59) 2-Hexanone	10.979	43	88941	100.95	ug/l	97
60) Dibromochloromethane	11.138	129	63201	20.54	ug/l	100
61) 1,2-Dibromoethane	11.243	107	46868	19.79	ug/l	97
64) Tetrachloroethene	10.873	164	59257	20.22	ug/l	89
65) Chlorobenzene	11.667	112	180759	20.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	68993	20.93	ug/l	99
67) Ethyl Benzene	11.743	91	300215	19.96	ug/l	99
68) m/p-Xylenes	11.849	106	240842	40.86	ug/l	99
69) o-Xylene	12.179	106	109427	20.87	ug/l	98
70) Styrene	12.191	104	193347	21.13	ug/l	100
71) Bromoform	12.355	173	37443	21.84	ug/l #	97
73) Isopropylbenzene	12.473	105	299992	19.39	ug/l	100
74) N-amyl acetate	12.285	43	47912	18.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	55997	19.97	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	33868m	20.35	ug/l	
77) Bromobenzene	12.755	156	72677	19.80	ug/l	94
78) n-propylbenzene	12.814	91	378102	20.25	ug/l	99
79) 2-Chlorotoluene	12.902	91	212663	20.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	259765	20.36	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	15162	18.41	ug/l	99
82) 4-Chlorotoluene	13.002	91	229451	20.74	ug/l	100
83) tert-Butylbenzene	13.220	119	211494	19.90	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	254678	19.85	ug/l	100
85) sec-Butylbenzene	13.396	105	320010	20.02	ug/l	100
86) p-Isopropyltoluene	13.508	119	296887	21.14	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	162565	21.88	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	148761	20.21	ug/l	99
89) n-Butylbenzene	13.837	91	267510	20.44	ug/l	99
90) Hexachloroethane	14.108	117	50840	19.32	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	129888	20.36	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9631	22.13	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	72160	18.45	ug/l	96
94) Hexachlorobutadiene	15.261	225	45693	19.47	ug/l	97
95) Naphthalene	15.390	128	117905	17.65	ug/l	98
96) 1,2,3-Trichlorobenzene	15.584	180	68375	20.44	ug/l	99

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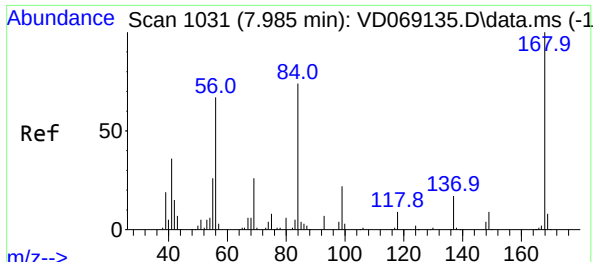
Manual Integrations
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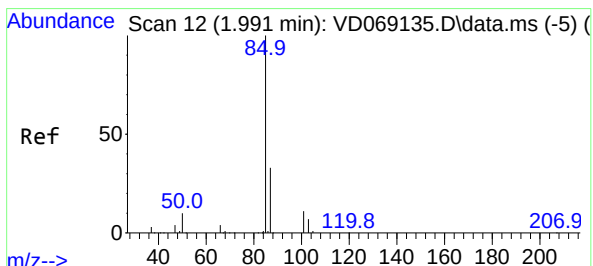
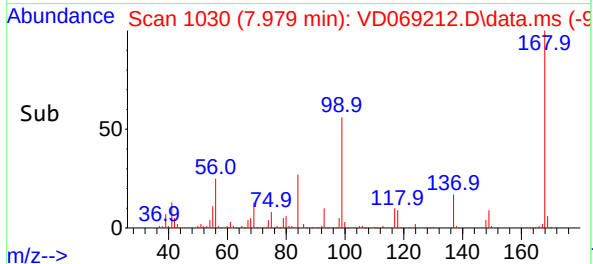
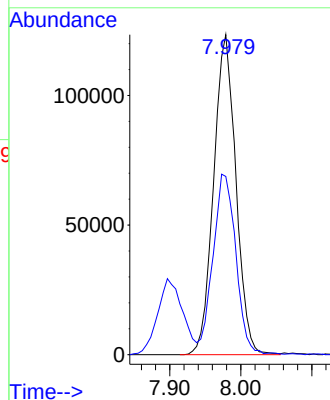
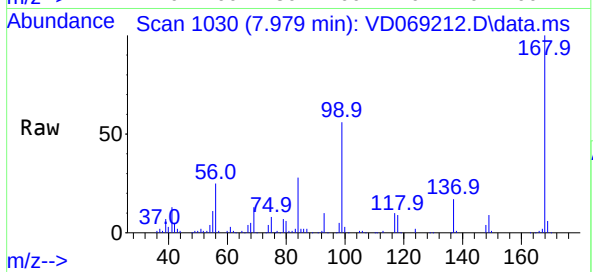
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



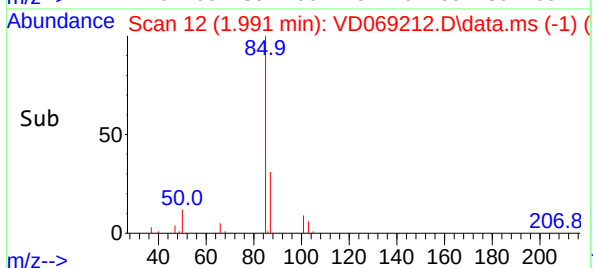
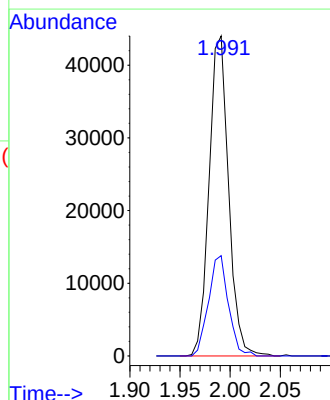
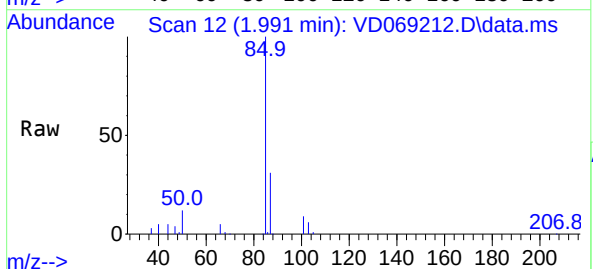
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 168 Resp: 268533
Ion Ratio Lower Upper
168 100
99 55.4 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 20.88 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

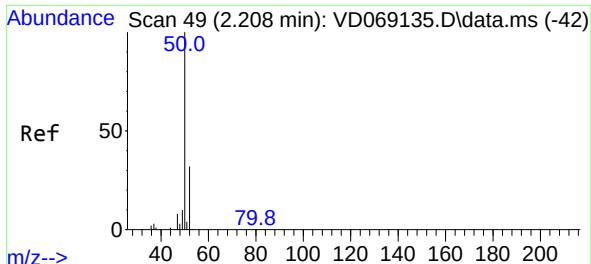
Tgt Ion: 85 Resp: 59615
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5



Instrument :
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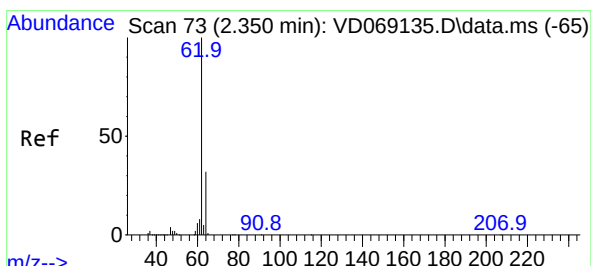
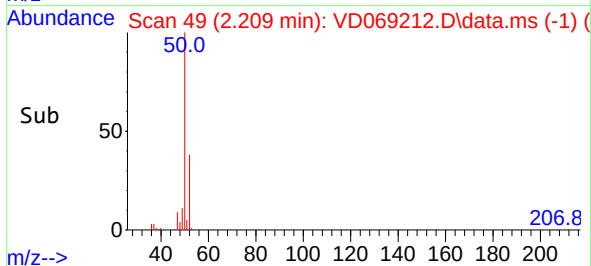
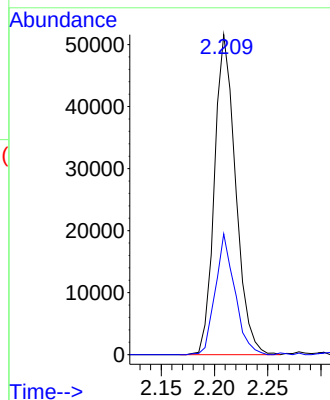
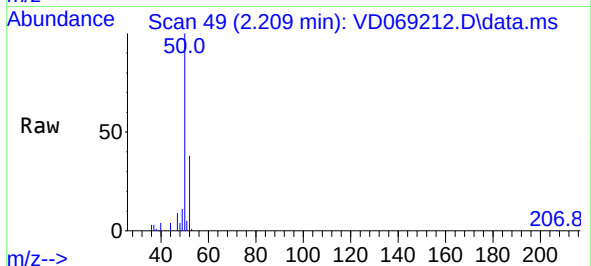
#3
Chloromethane
Concen: 21.75 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 50 Resp: 71372
Ion Ratio Lower Upper
50 100
52 37.8 25.8 38.8

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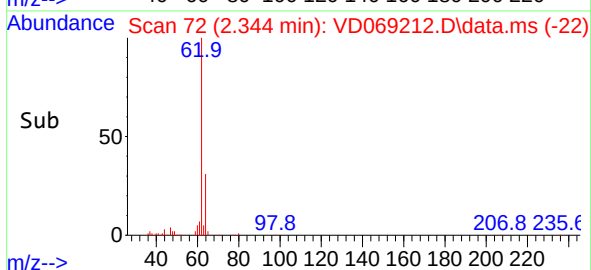
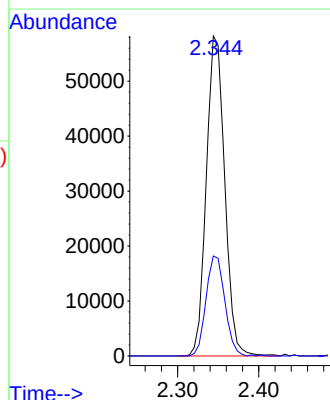
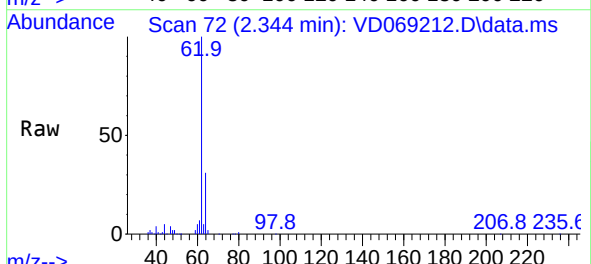
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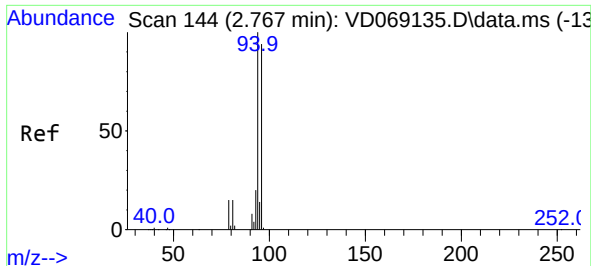
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#4
Vinyl Chloride
Concen: 21.20 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 62 Resp: 91686
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





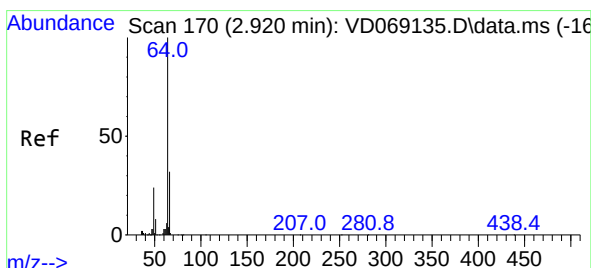
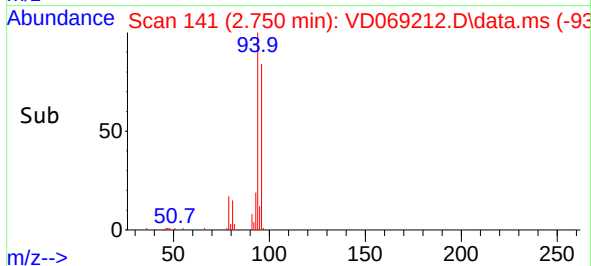
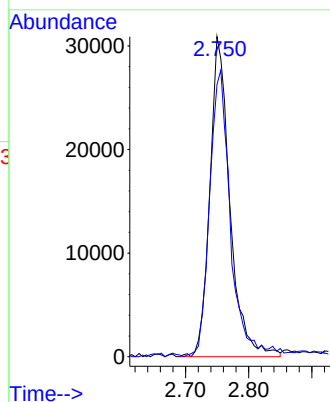
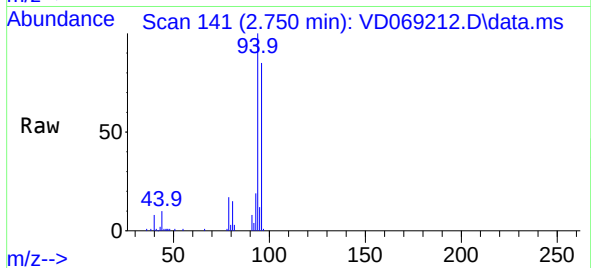
#5
Bromomethane
Concen: 20.85 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.017 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 94 Resp: 67846
Ion Ratio Lower Upper
94 100
96 84.5 75.4 113.0

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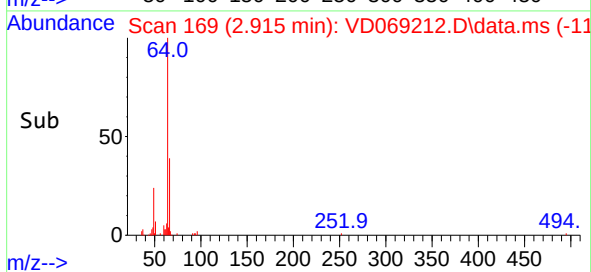
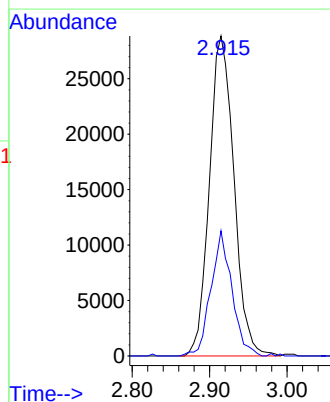
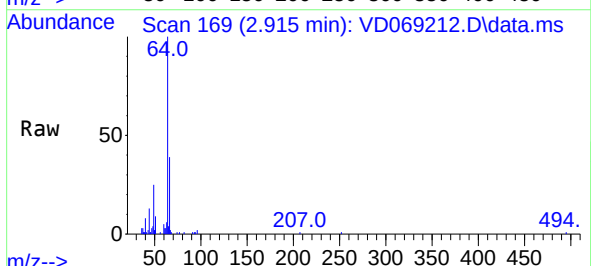
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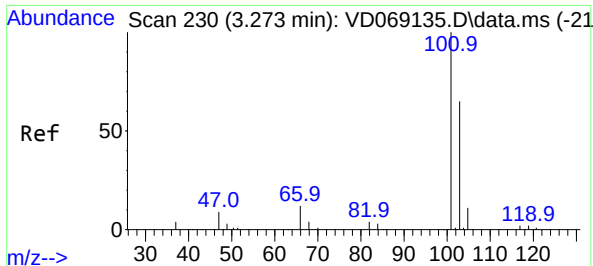
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#6
Chloroethane
Concen: 22.83 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 64 Resp: 63520
Ion Ratio Lower Upper
64 100
66 39.1 25.2 37.8#





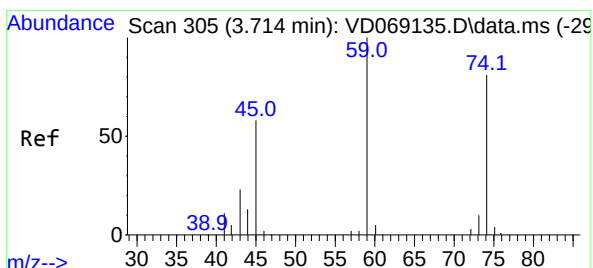
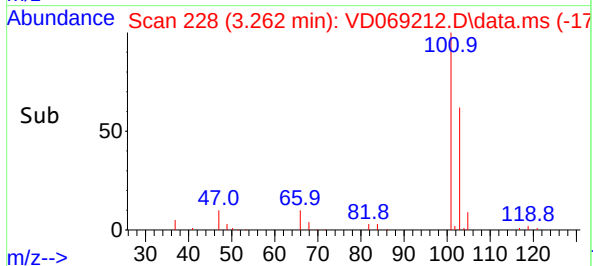
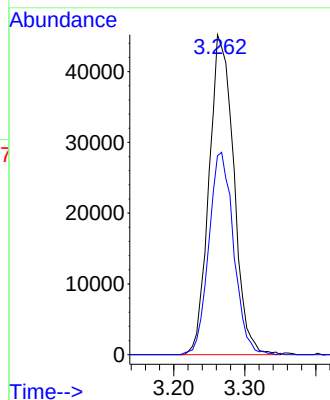
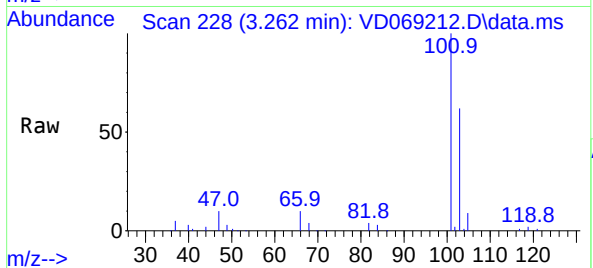
#7
Trichlorofluoromethane
Concen: 20.72 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:101 Resp: 109352
Ion Ratio Lower Upper
101 100
103 62.1 51.9 77.9

Instrument :
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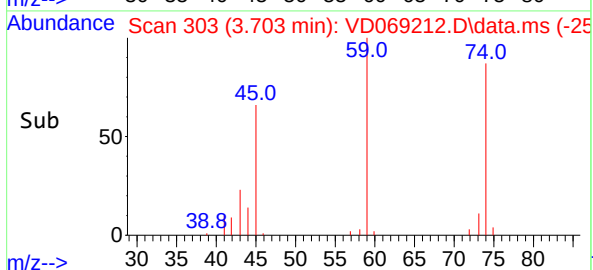
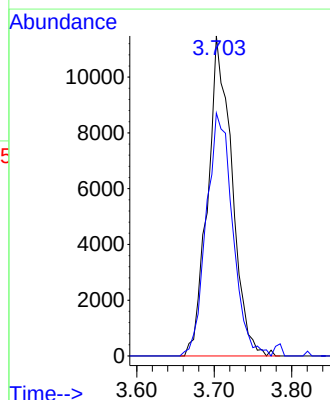
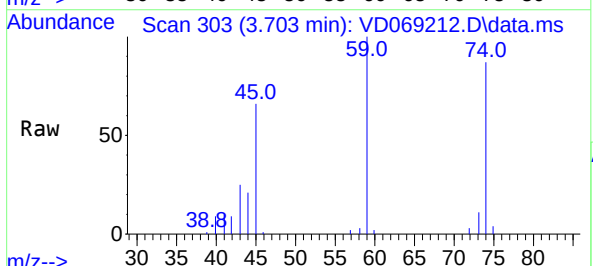
Manual Integrations
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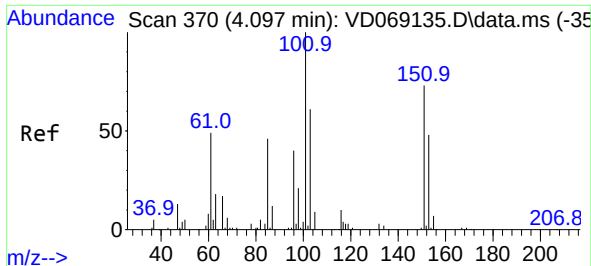
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#8
Diethyl Ether
Concen: 20.70 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 74 Resp: 24936
Ion Ratio Lower Upper
74 100
45 82.5 38.1 114.5





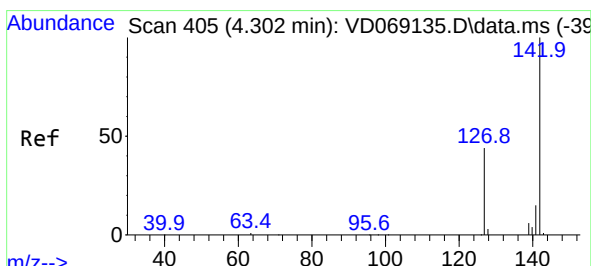
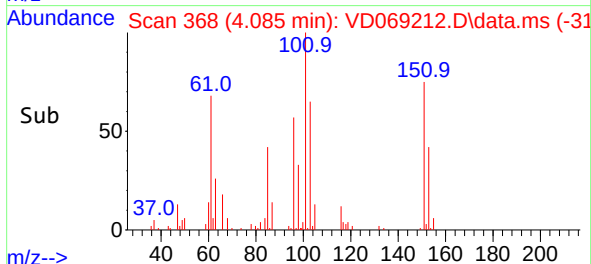
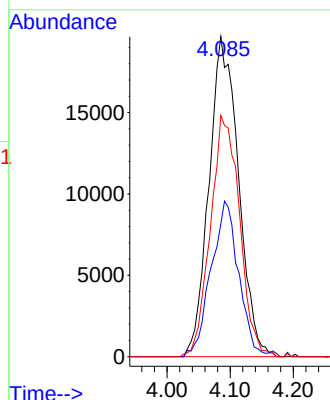
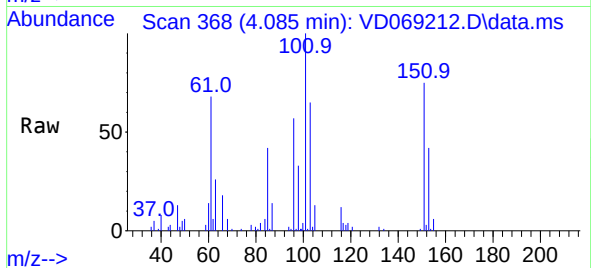
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.31 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	101	Resp:	63714
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.2	52.8
151	74.4	60.6	91.0

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ClientSampleId :
VD0520SBS01

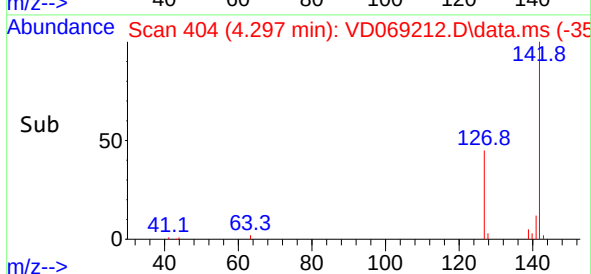
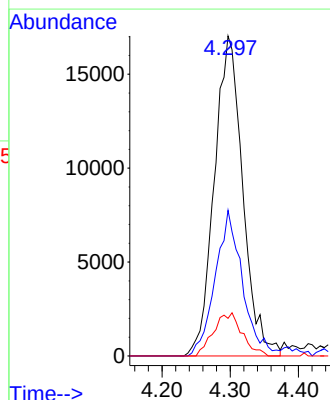
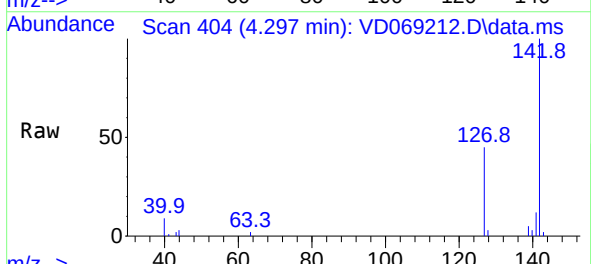
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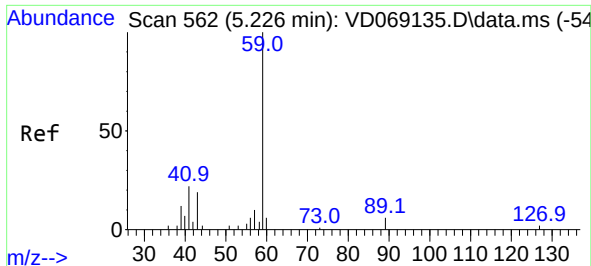
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#10
Methyl Iodide
Concen: 16.52 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	142	Resp:	49465
Ion	Ratio	Lower	Upper
142	100		
127	43.7	37.3	55.9
141	13.6	12.2	18.4





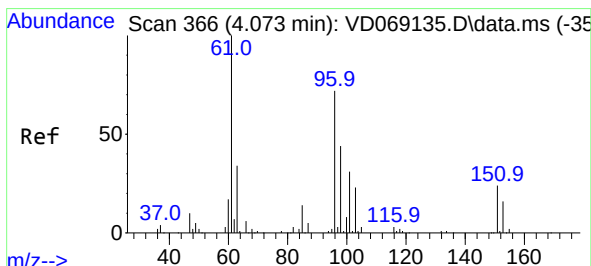
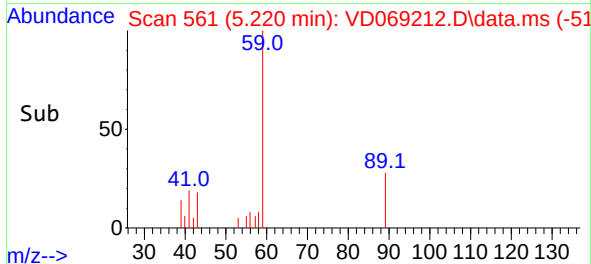
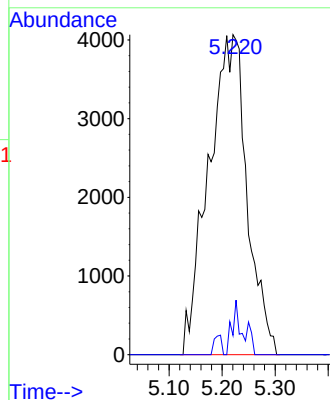
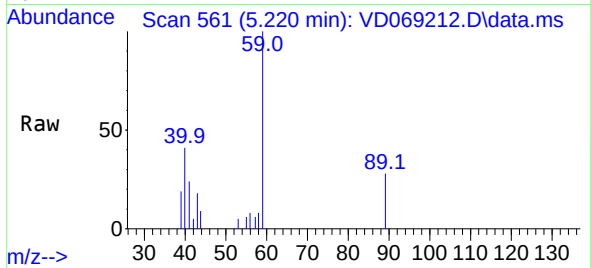
#11
Tert butyl alcohol
Concen: 127.98 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 59 Resp: 20520
Ion Ratio Lower Upper
59 100
57 3.6 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

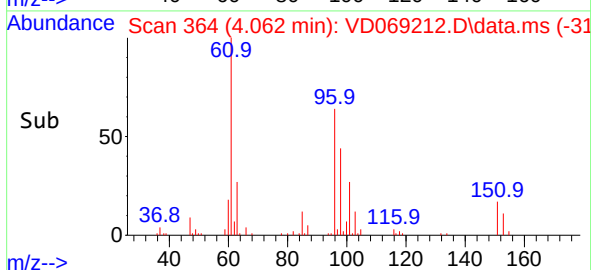
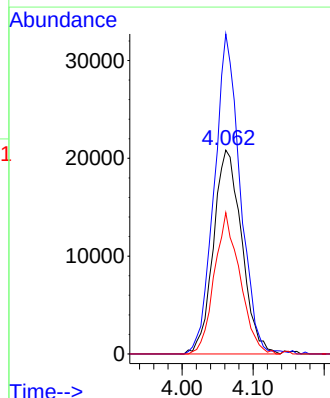
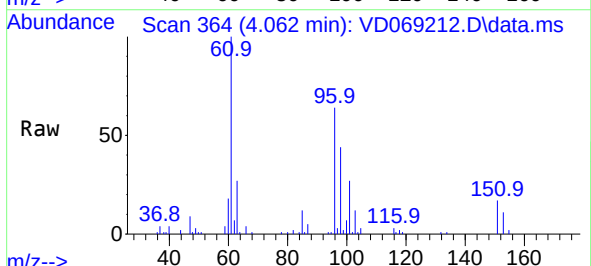
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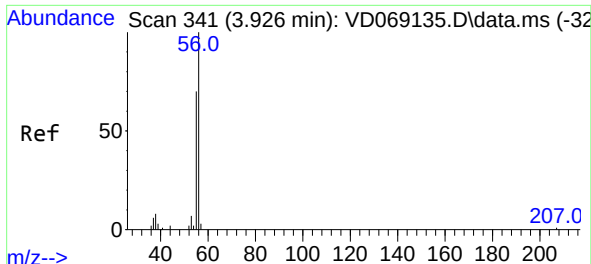
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#12
1,1-Dichloroethene
Concen: 21.42 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

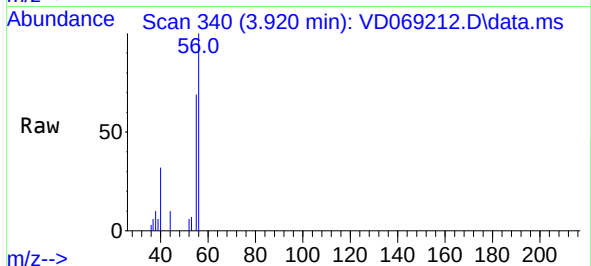
Tgt Ion: 96 Resp: 57550
Ion Ratio Lower Upper
96 100
61 157.0 111.1 166.7
98 69.3 48.4 72.6





#13
Acrolein
Concen: 82.62 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

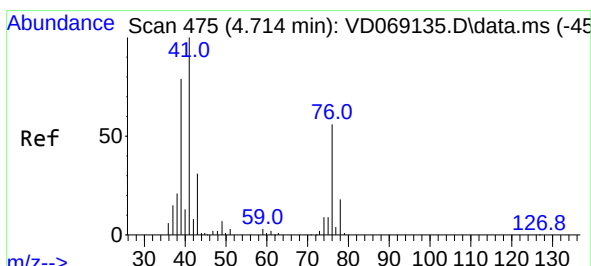
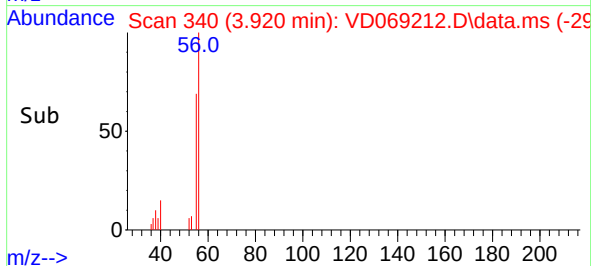
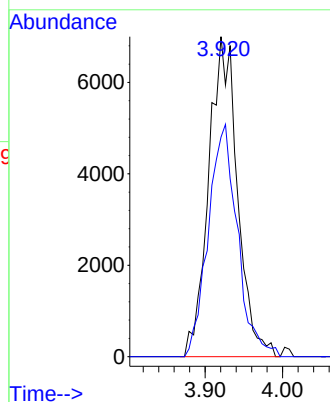
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



Tgt Ion: 56 Resp: 18097
Ion Ratio Lower Upper
56 100
55 73.5 56.9 85.3

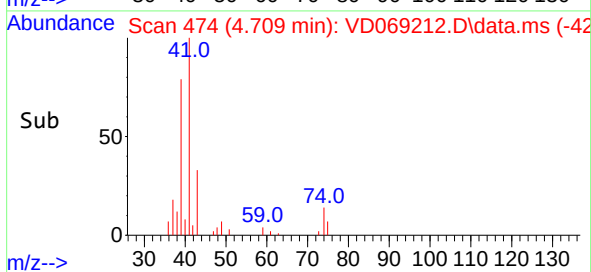
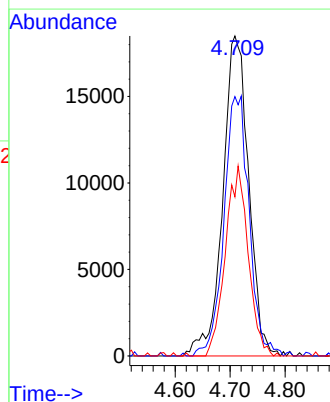
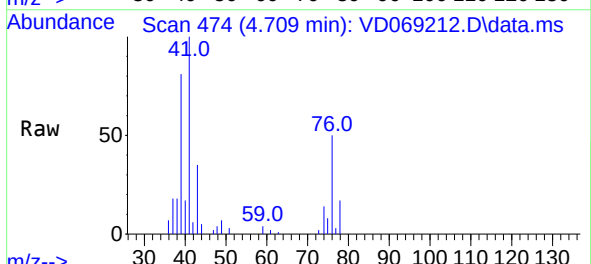
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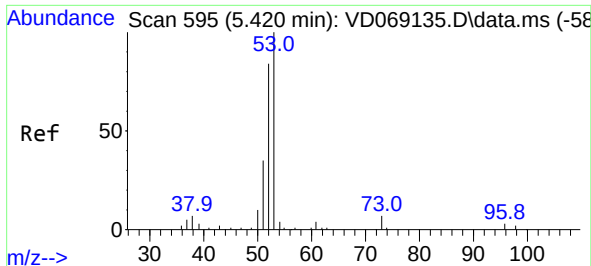
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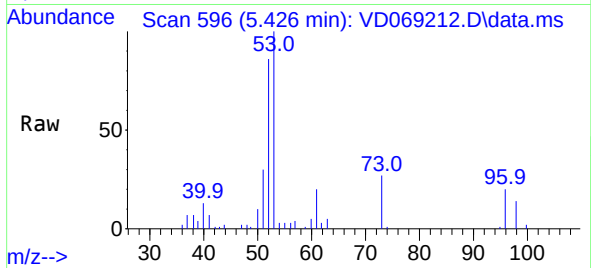
#14
Allyl chloride
Concen: 20.51 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 41 Resp: 60446
Ion Ratio Lower Upper
41 100
39 79.1 64.3 96.5
76 52.3 43.6 65.4

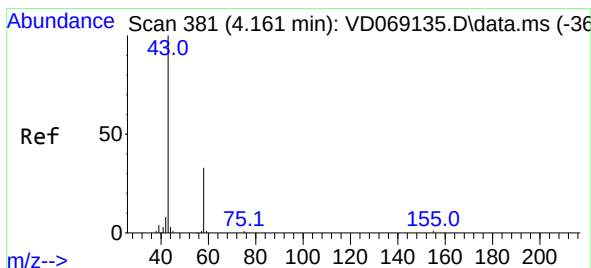
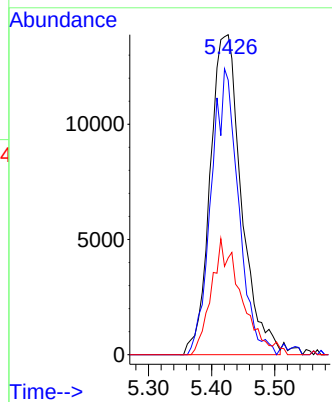
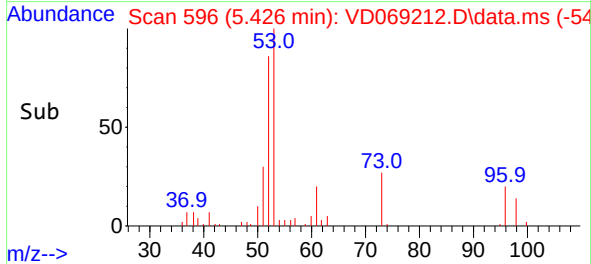




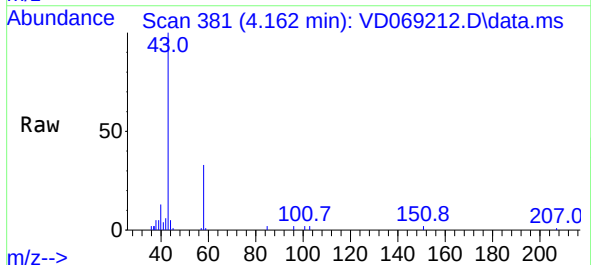
#15
Acrylonitrile
Concen: 106.21 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



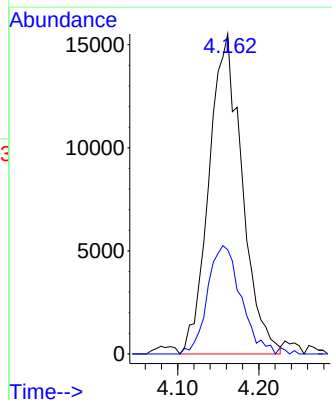
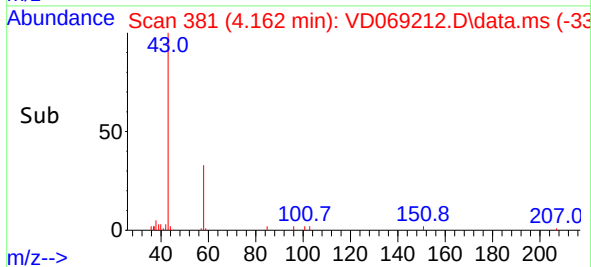
Tgt Ion: 53 Resp: 47748
Ion Ratio Lower Upper
53 100
52 78.3 64.5 96.7
51 35.1 30.4 45.6



#16
Acetone
Concen: 106.56 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



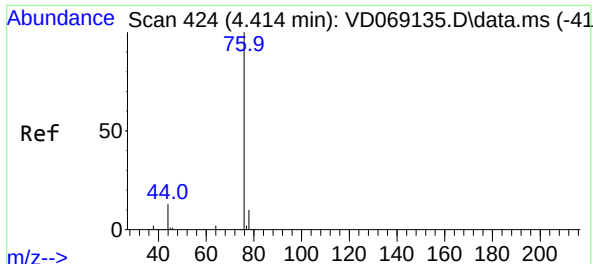
Tgt Ion: 43 Resp: 43934
Ion Ratio Lower Upper
43 100
58 32.6 26.7 40.1



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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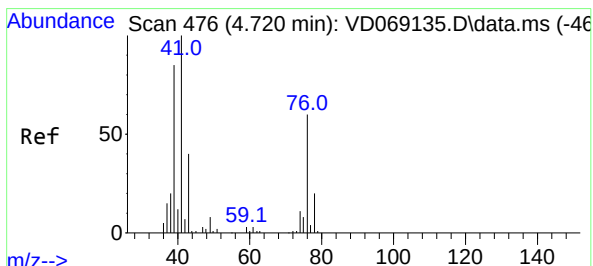
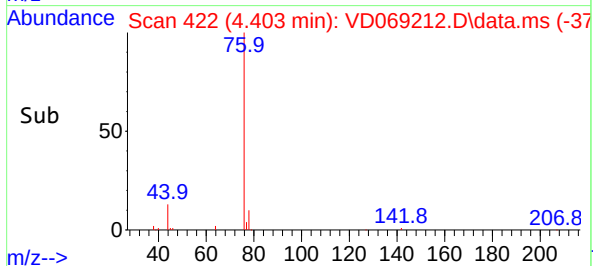
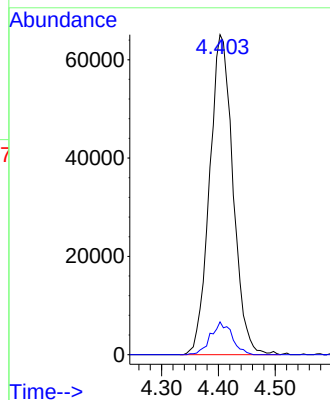
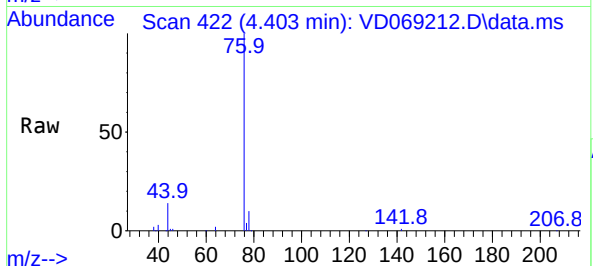
#17
Carbon Disulfide
Concen: 20.90 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 76 Resp: 186131
Ion Ratio Lower Upper
76 100
78 10.3 8.1 12.1

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

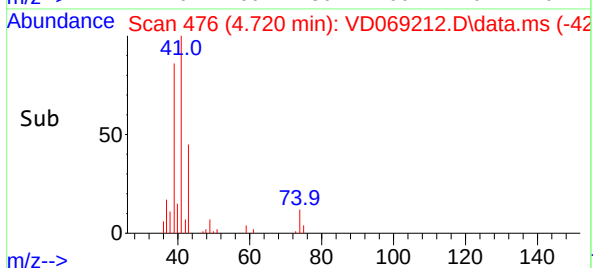
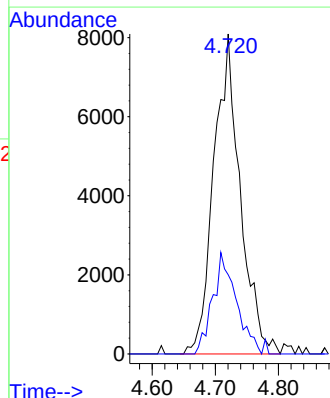
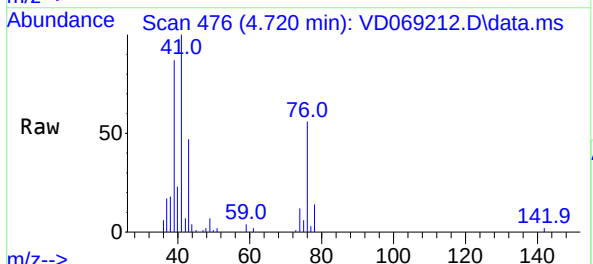
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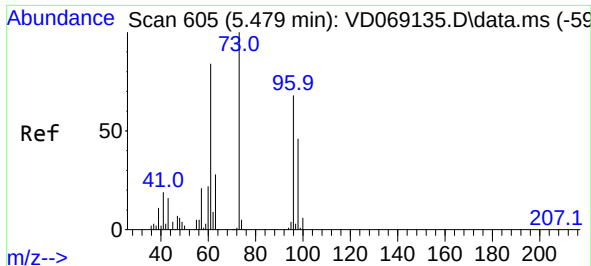
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#18
Methyl Acetate
Concen: 23.46 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 43 Resp: 23501
Ion Ratio Lower Upper
43 100
74 28.3 23.8 35.6





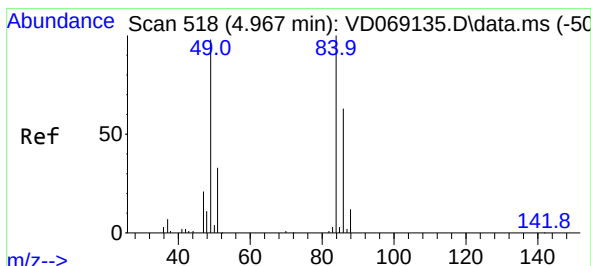
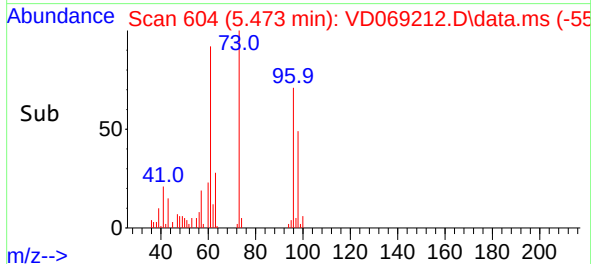
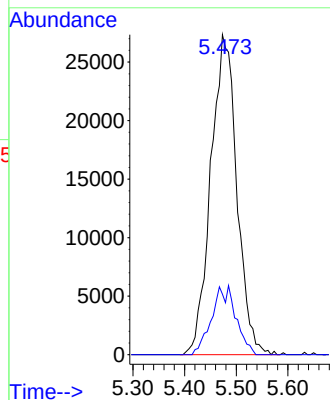
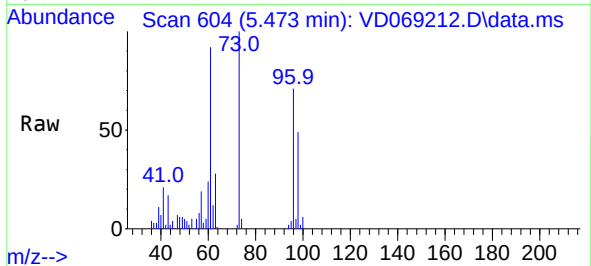
#19
Methyl tert-butyl Ether
Concen: 19.63 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 73 Resp: 95684
Ion Ratio Lower Upper
73 100
57 18.9 17.1 25.7

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

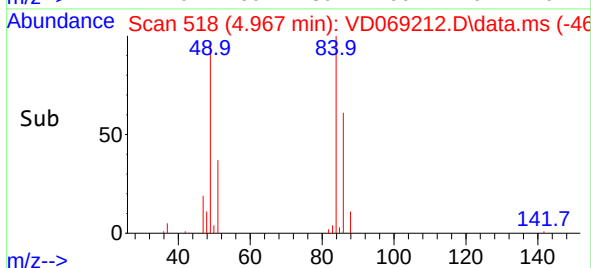
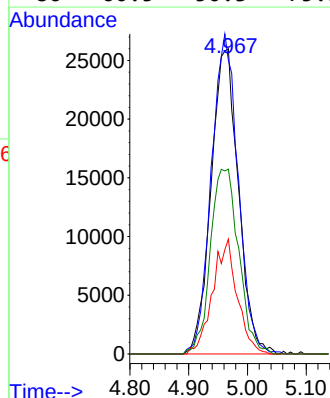
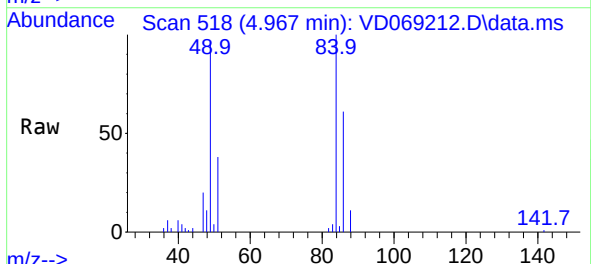
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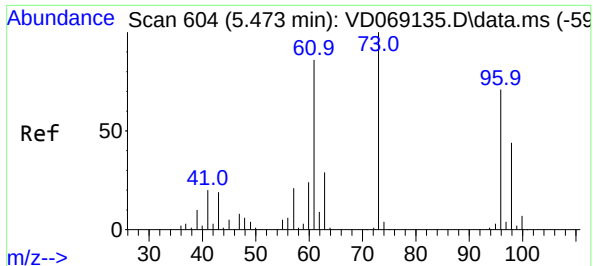
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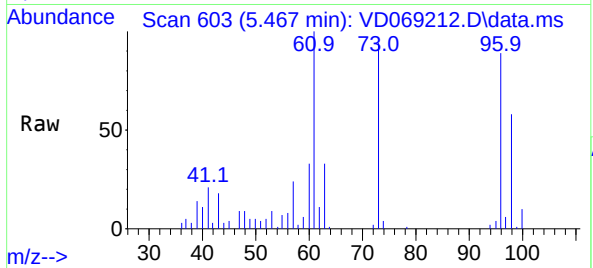
#20
Methylene Chloride
Concen: 19.49 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 84 Resp: 83974
Ion Ratio Lower Upper
84 100
49 96.2 78.6 117.8
51 37.6 26.7 40.1
86 60.5 50.3 75.5

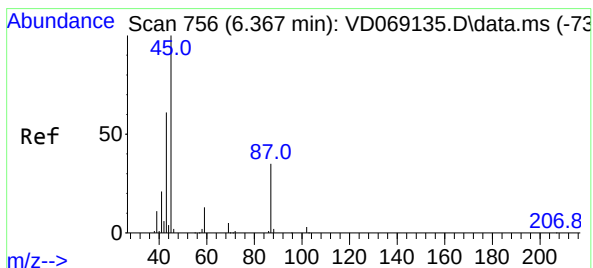
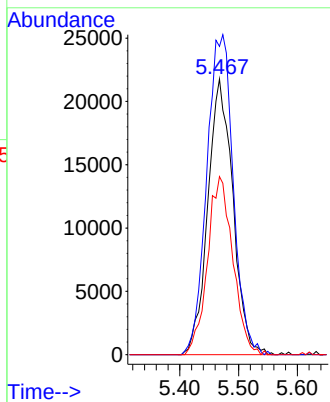
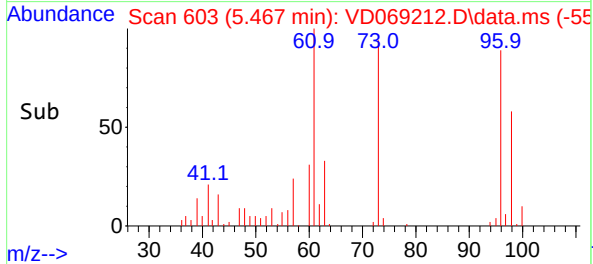




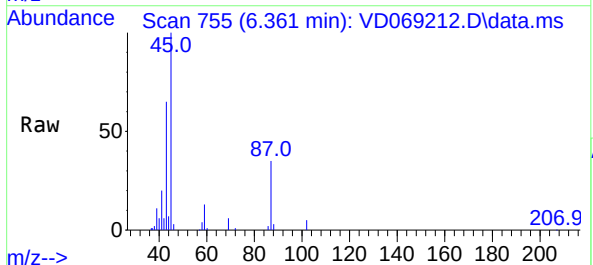
#21
trans-1,2-Dichloroethene
Concen: 20.27 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



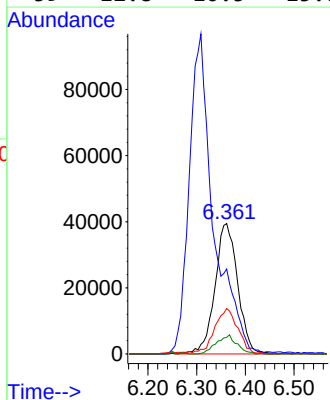
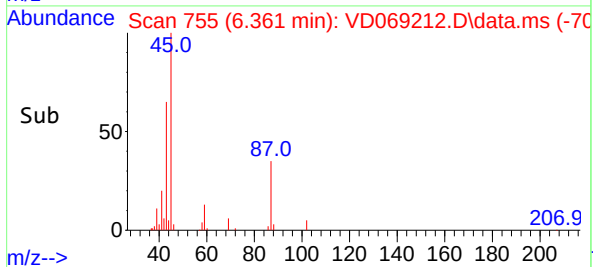
Tgt Ion: 96 Resp: 64576
Ion Ratio Lower Upper
96 100
61 111.8 97.7 146.5
98 64.6 49.4 74.2



#22
Diisopropyl ether
Concen: 21.77 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



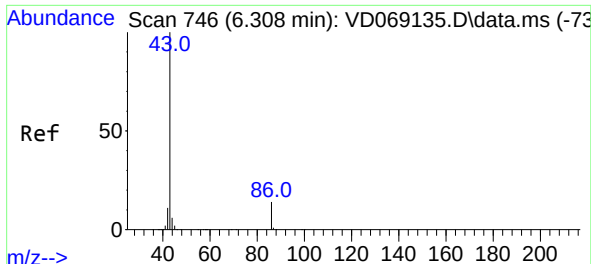
Tgt Ion: 45 Resp: 128152
Ion Ratio Lower Upper
45 100
43 63.5 48.6 73.0
87 34.8 28.5 42.7
59 12.8 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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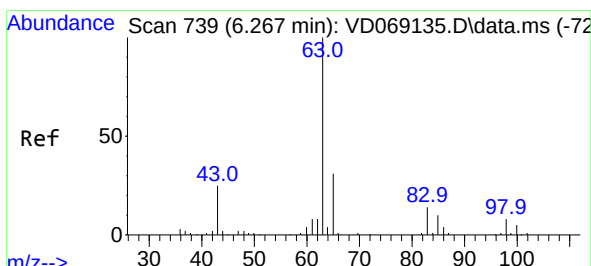
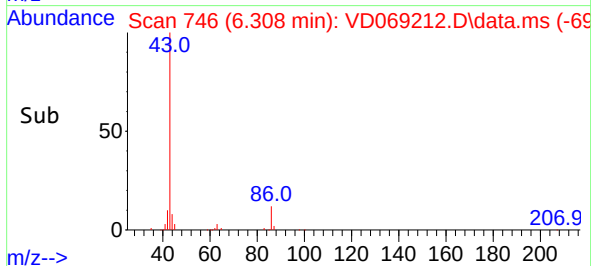
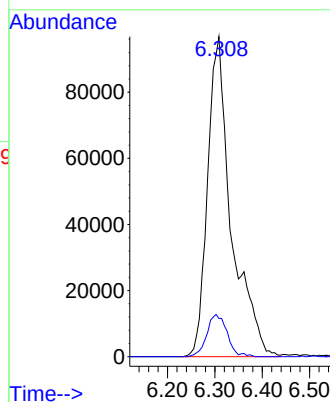
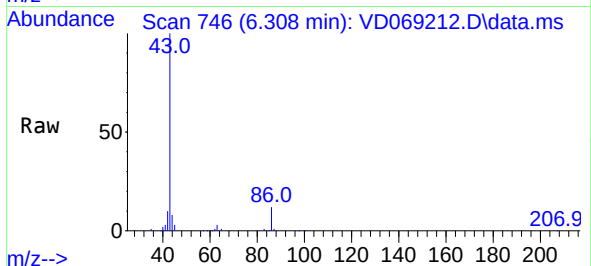
#23
 Vinyl Acetate
 Concen: 97.03 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069212.D
 Acq: 20 May 2021 12:06

Tgt Ion: 43 Resp: 337054
 Ion Ratio Lower Upper
 43 100
 86 11.9 11.1 16.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

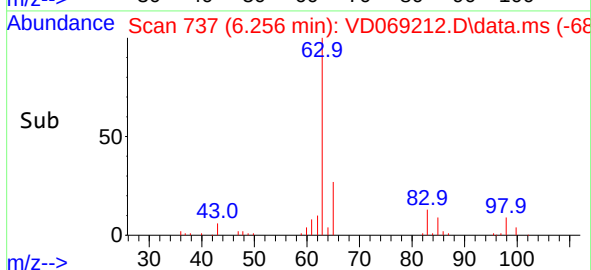
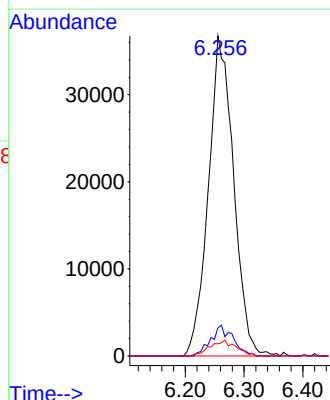
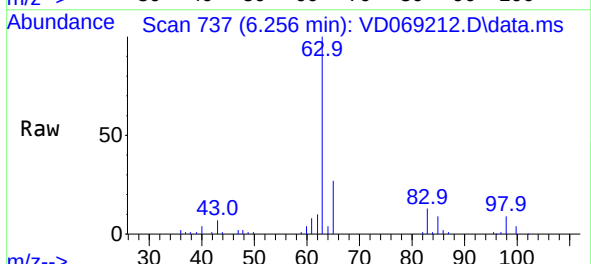
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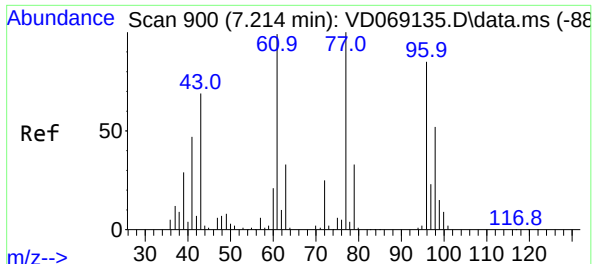
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#24
 1,1-Dichloroethane
 Concen: 21.55 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.011 min
 Lab File: VD069212.D
 Acq: 20 May 2021 12:06

Tgt Ion: 63 Resp: 109584
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 3.8 2.5 7.6





#25

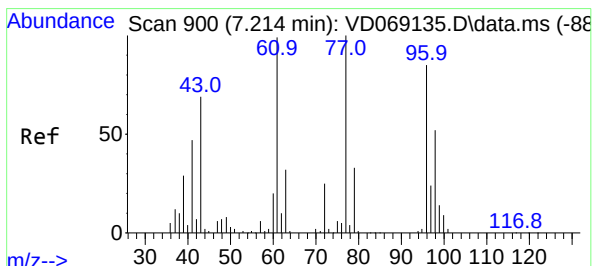
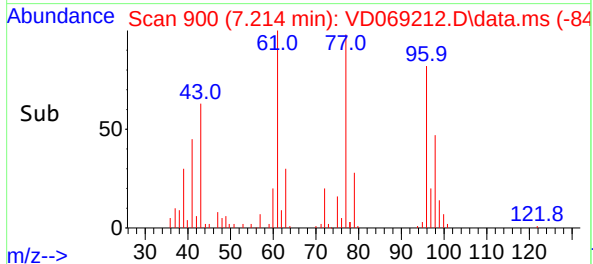
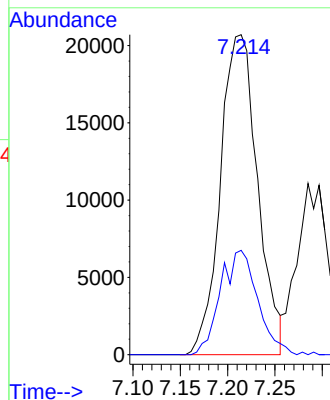
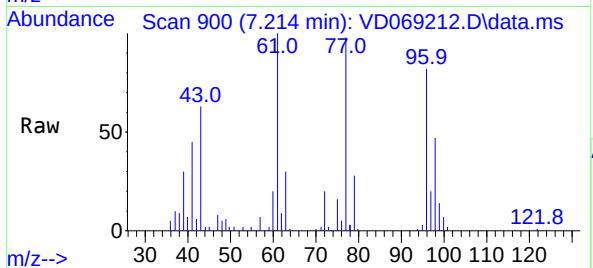
2-Butanone
Concen: 101.11 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 43 Resp: 56491
Ion Ratio Lower Upper
43 100
72 32.6 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations
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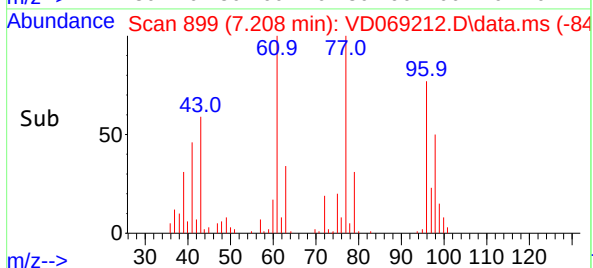
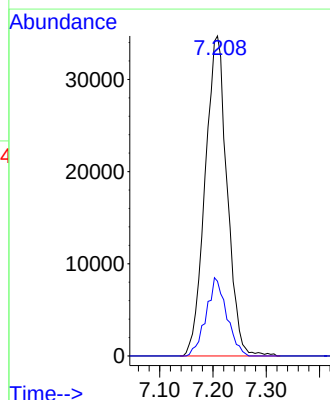
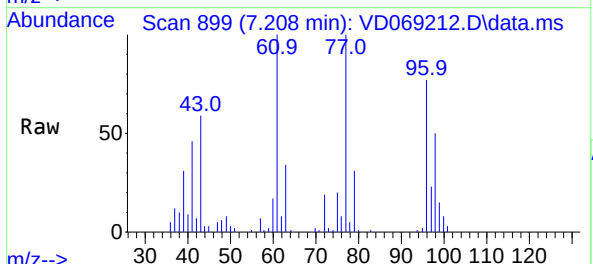
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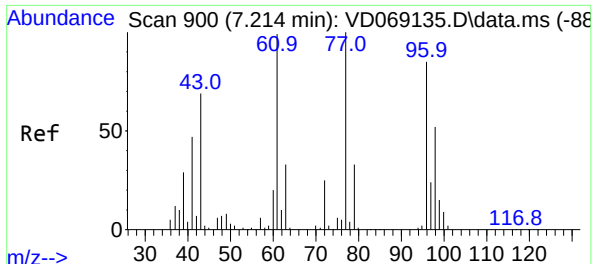


#26

2,2-Dichloropropane
Concen: 20.90 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 77 Resp: 99407
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5





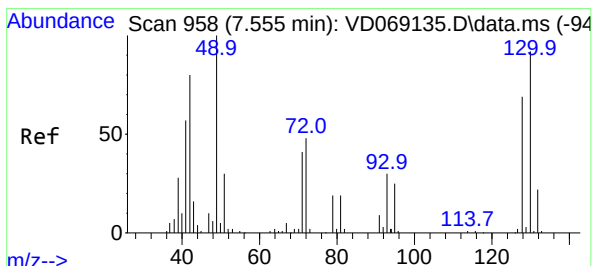
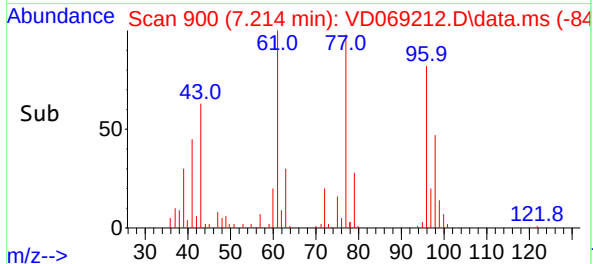
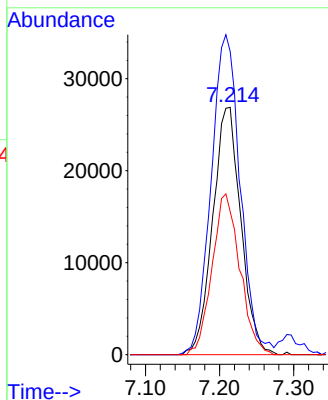
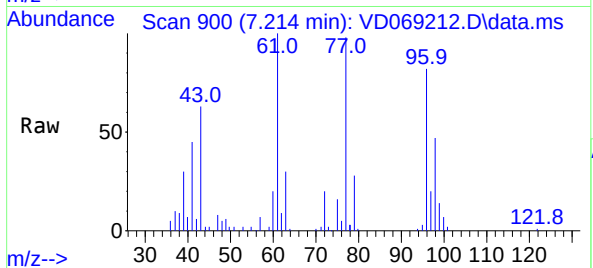
#27
cis-1,2-Dichloroethene
Concen: 20.52 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	96	Resp:	70971
Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	263.8
98	64.3	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

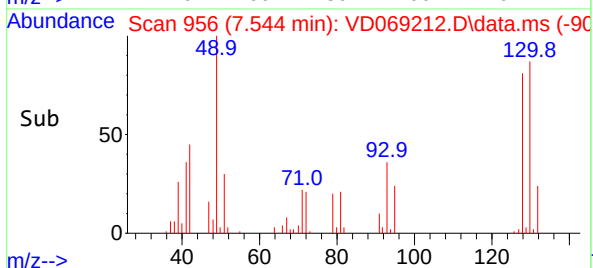
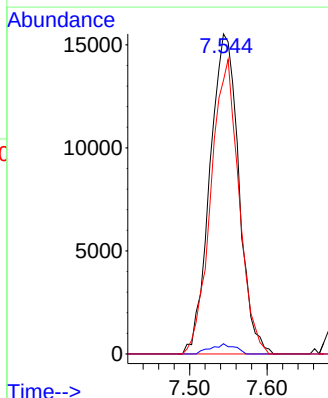
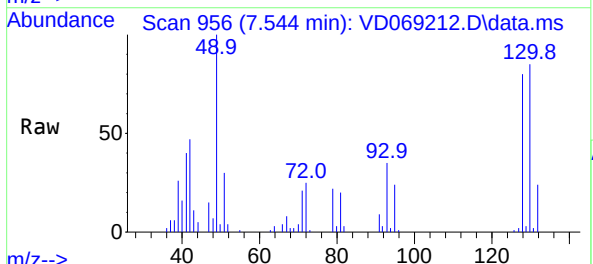
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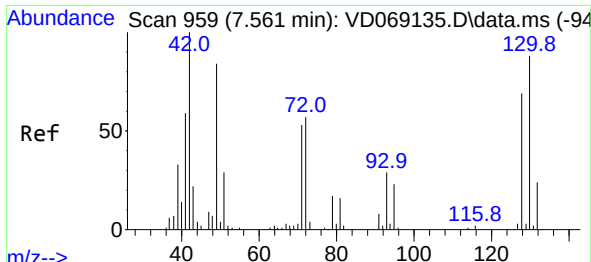
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#28
Bromochloromethane
Concen: 22.19 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	49	Resp:	40232
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.4
130	89.1	75.8	113.6





#29

Tetrahydrofuran

Concen: 103.21 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069212.D

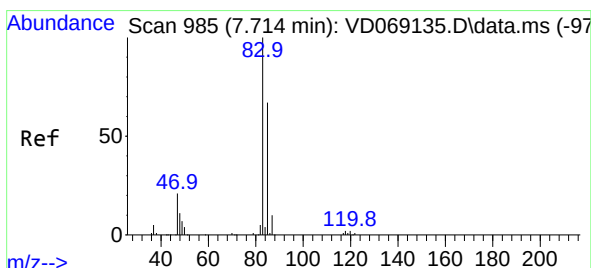
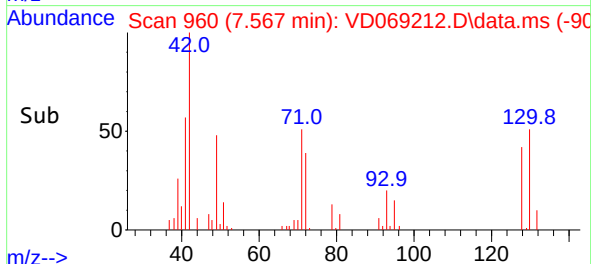
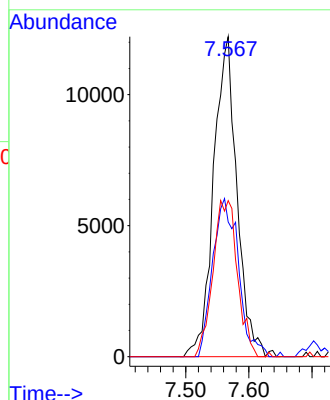
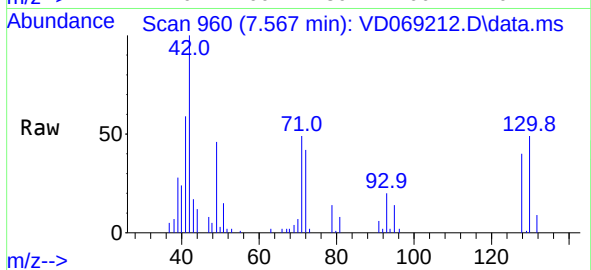
Acq: 20 May 2021 12:06

Tgt Ion:	42	Resp:	31344
Ion	Ratio	Lower	Upper
42	100		
72	54.6	45.9	68.9
71	51.2	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
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#30

Chloroform

Concen: 21.15 ug/l

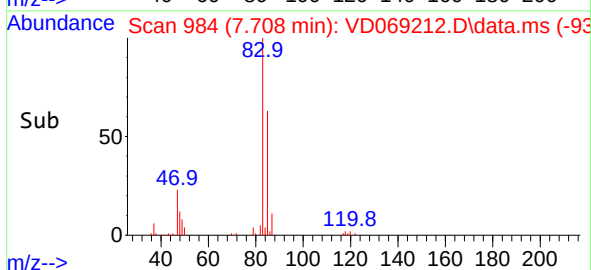
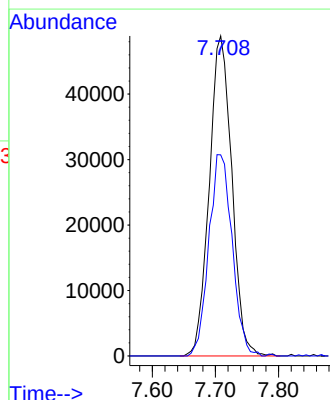
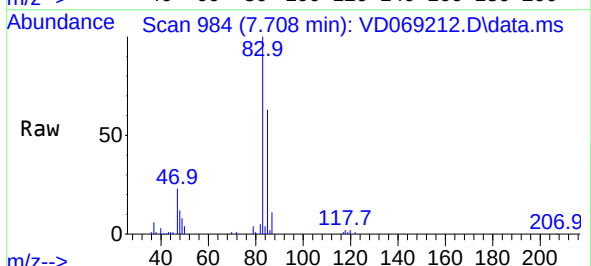
RT: 7.708 min Scan# 984

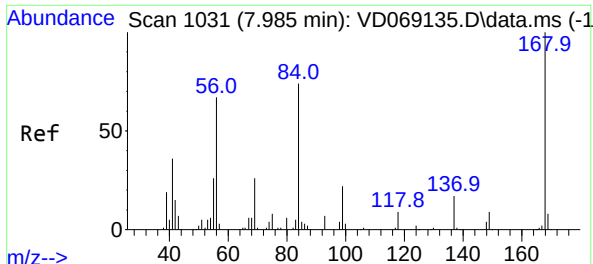
Delta R.T. -0.006 min

Lab File: VD069212.D

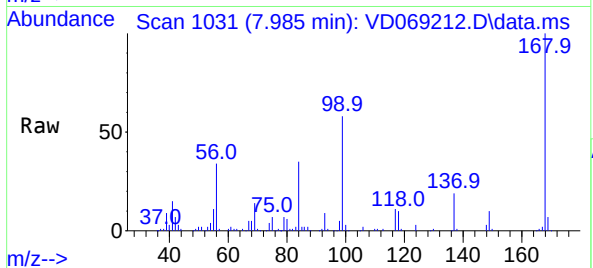
Acq: 20 May 2021 12:06

Tgt Ion:	83	Resp:	121091
Ion	Ratio	Lower	Upper
83	100		
85	62.8	54.0	81.0

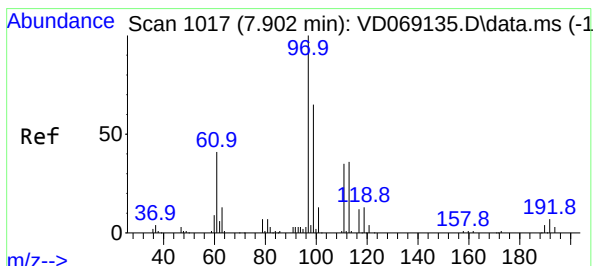
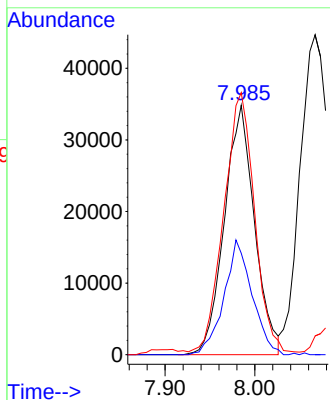
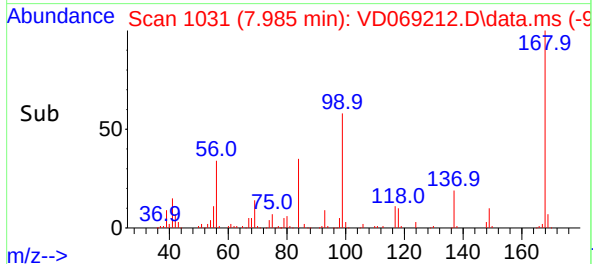




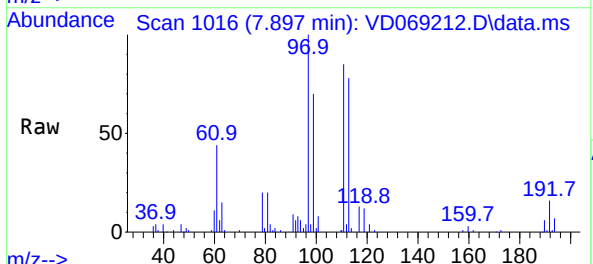
#31
Cyclohexane
Concen: 20.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



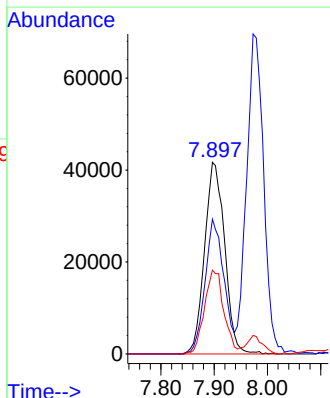
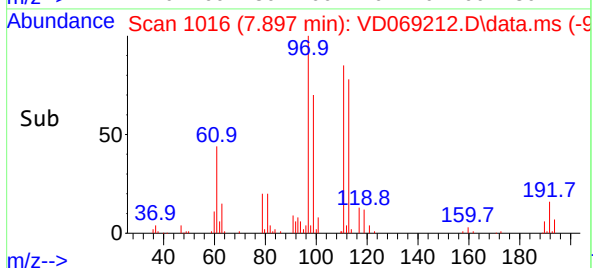
Tgt Ion: 56 Resp: 81359
Ion Ratio Lower Upper
56 100
69 40.7 30.6 46.0
84 103.7 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 21.08 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



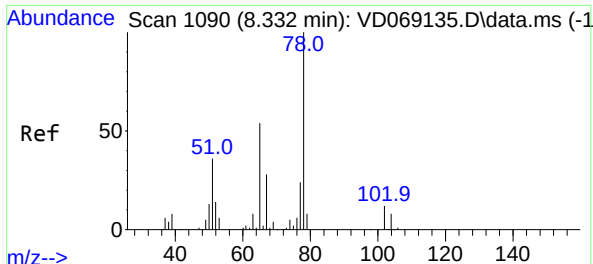
Tgt Ion: 97 Resp: 109504
Ion Ratio Lower Upper
97 100
99 66.1 51.5 77.3
61 41.9 32.5 48.7



Instrument :
MSVOA_D
ClientSampled :
VD0520SBS01

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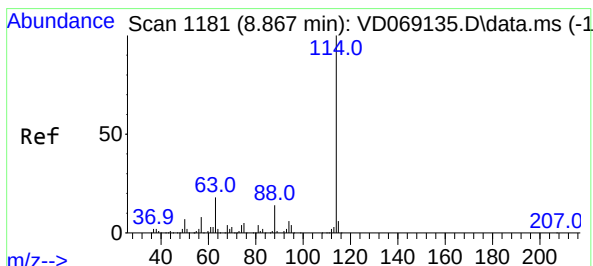
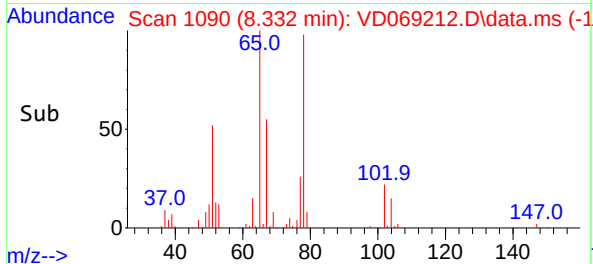
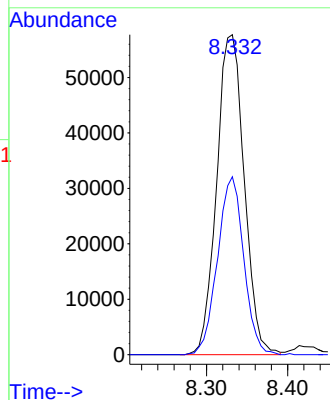
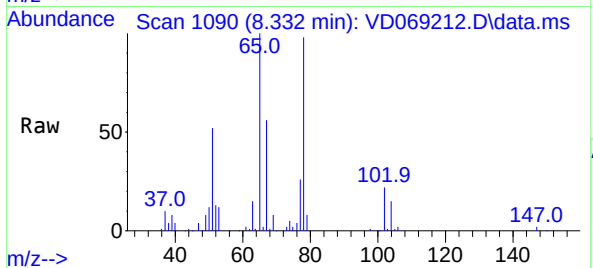
#33
1,2-Dichloroethane-d4
Concen: 50.57 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 65 Resp: 136146
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
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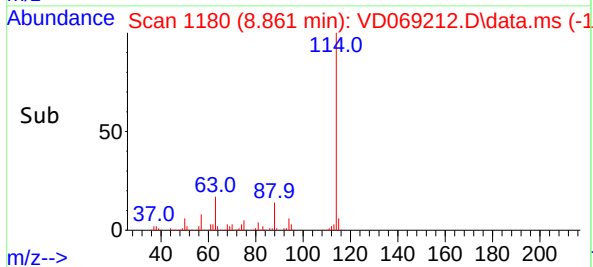
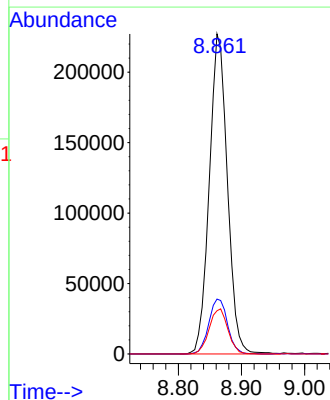
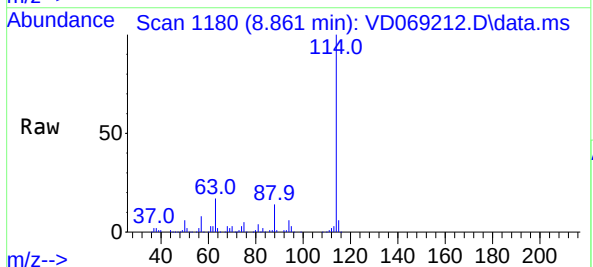
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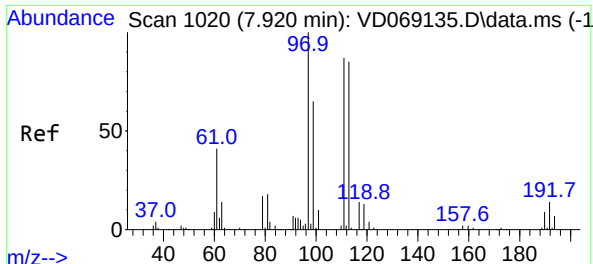
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 114 Resp: 452425
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.4
88 13.5 0.0 28.2





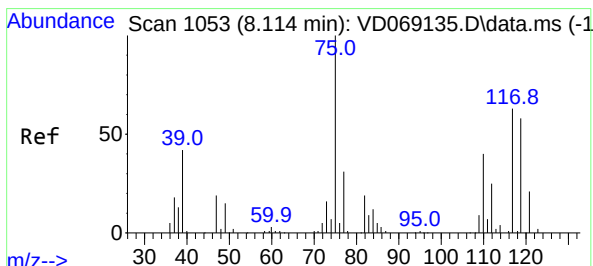
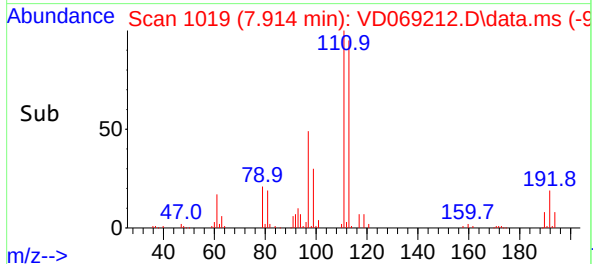
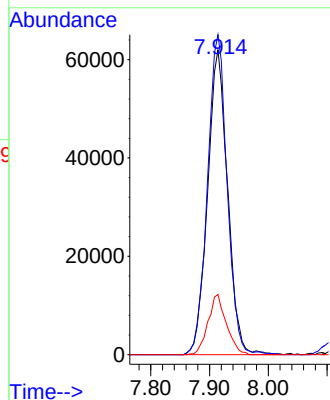
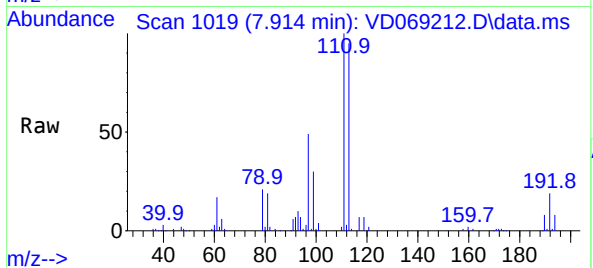
#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 113 Resp: 146867
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 18.1 14.8 22.2

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

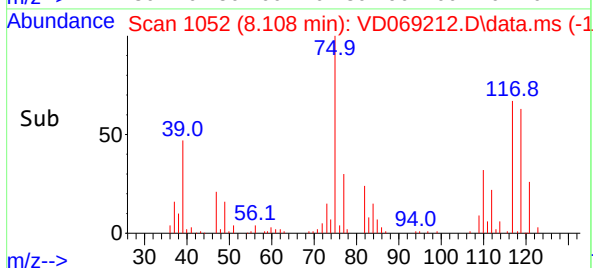
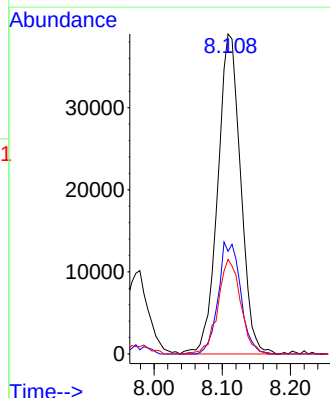
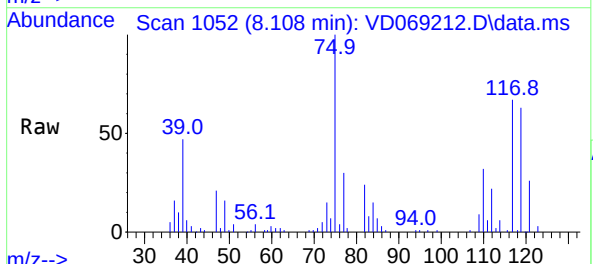
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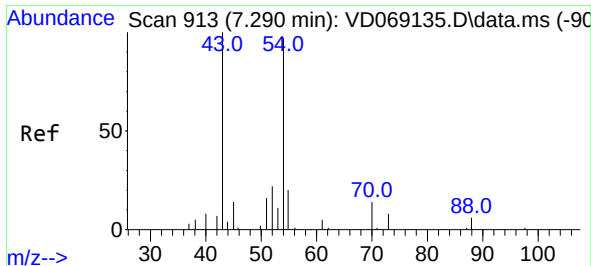
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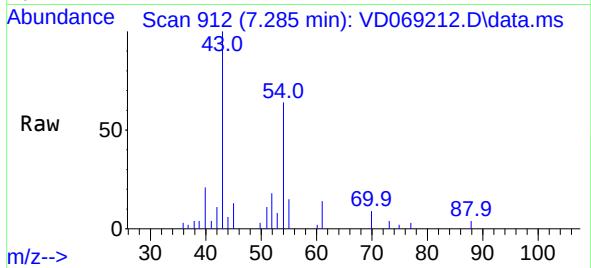
#36
1,1-Dichloropropene
Concen: 20.72 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 75 Resp: 91156
Ion Ratio Lower Upper
75 100
110 34.0 18.8 56.4
77 29.4 25.2 37.8

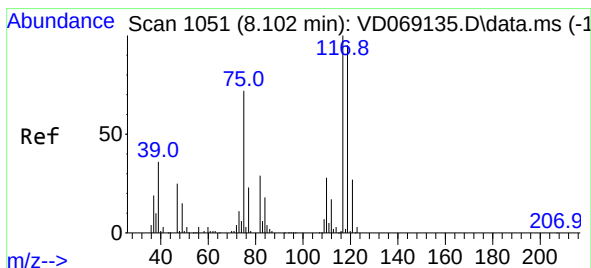
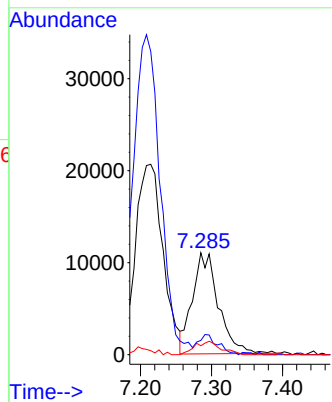
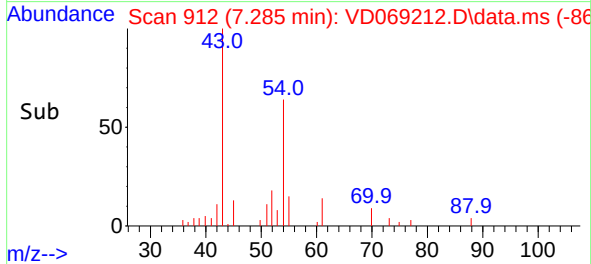




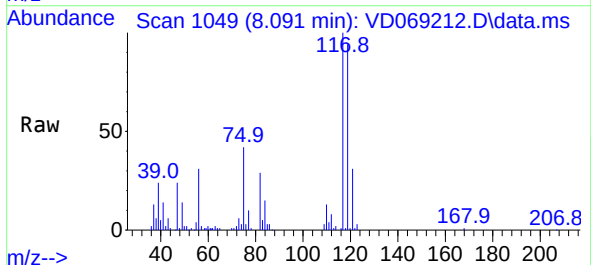
#37
Ethyl Acetate
Concen: 19.82 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



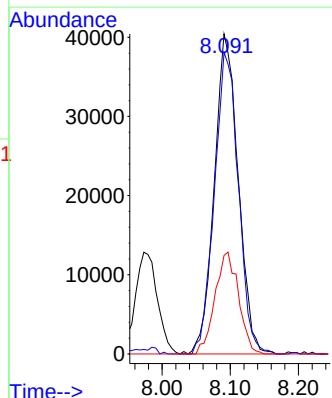
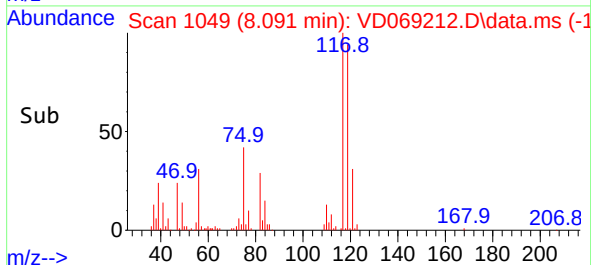
Tgt Ion: 43 Resp: 28013
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 13.1 10.4 15.6



#38
Carbon Tetrachloride
Concen: 20.07 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.011 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



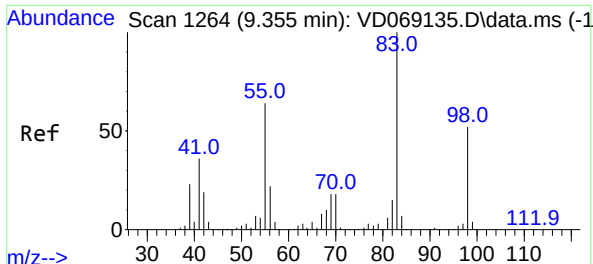
Tgt Ion: 117 Resp: 98690
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 30.8 21.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
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#39

Methylcyclohexane

Concen: 18.30 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069212.D

Acq: 20 May 2021 12:06

Tgt Ion:	83	Resp:	84912
Ion	Ratio	Lower	Upper
83	100		
55	76.4	51.2	76.8
98	54.4	41.4	62.2

Instrument :

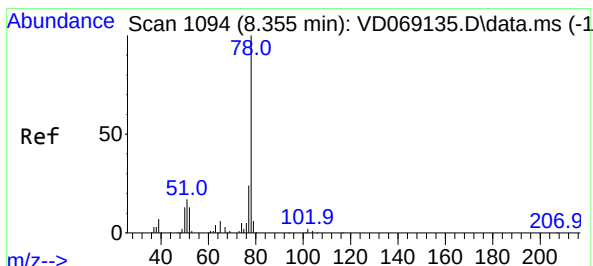
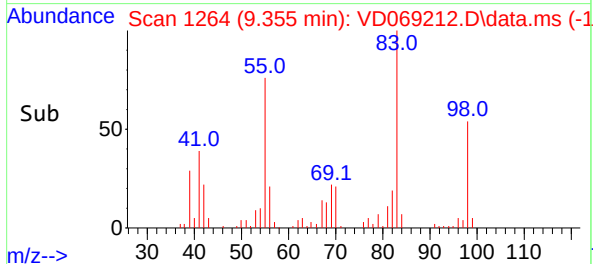
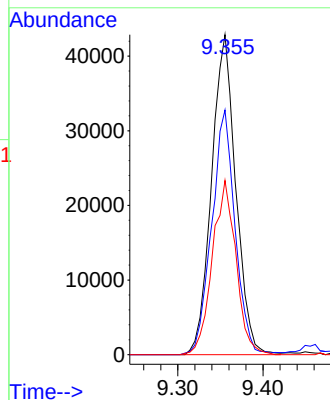
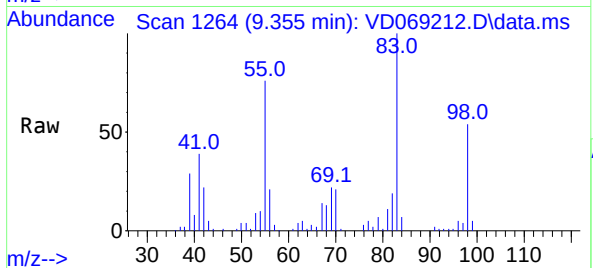
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ClientSampleId :

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#40

Benzene

Concen: 20.43 ug/l

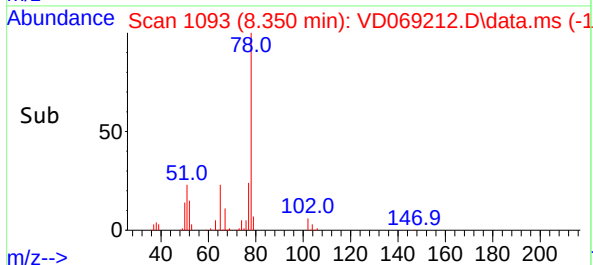
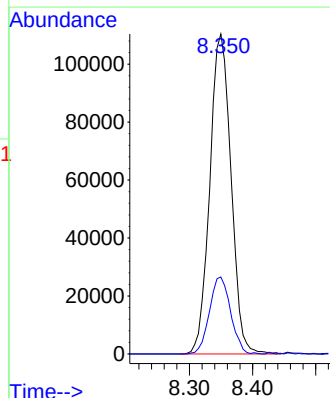
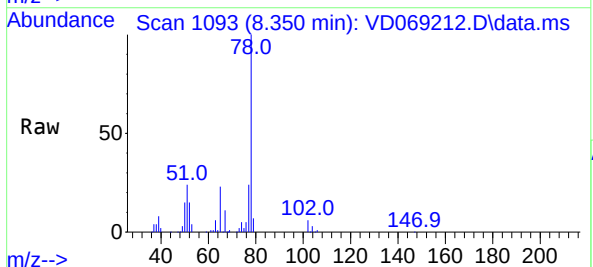
RT: 8.350 min Scan# 1093

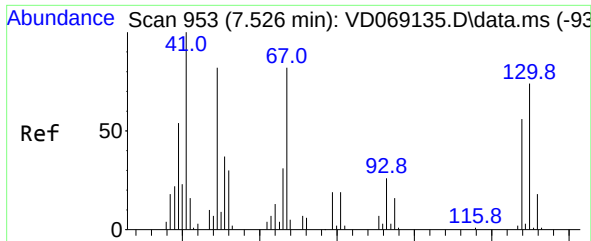
Delta R.T. -0.006 min

Lab File: VD069212.D

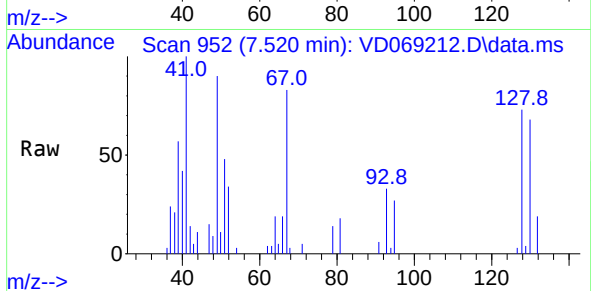
Acq: 20 May 2021 12:06

Tgt Ion:	78	Resp:	257397
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

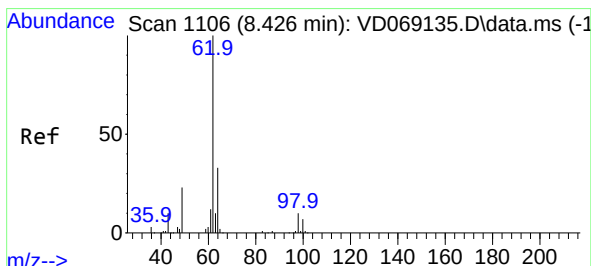
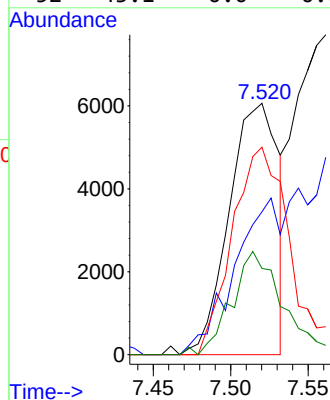
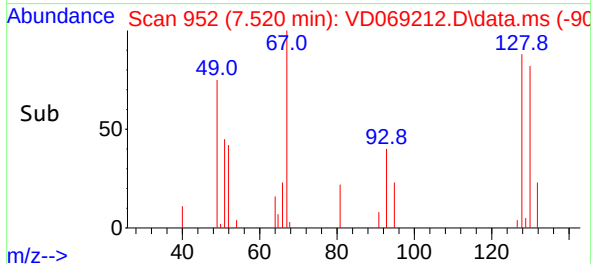




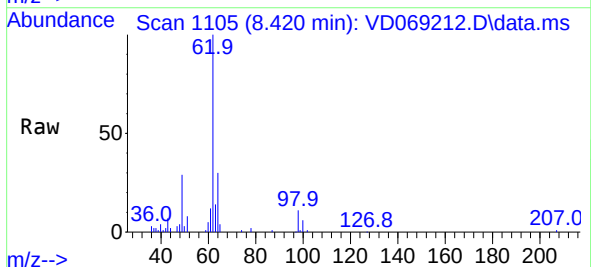
#41
Methacrylonitrile
Concen: 17.74 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



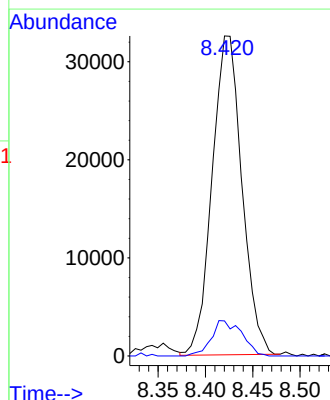
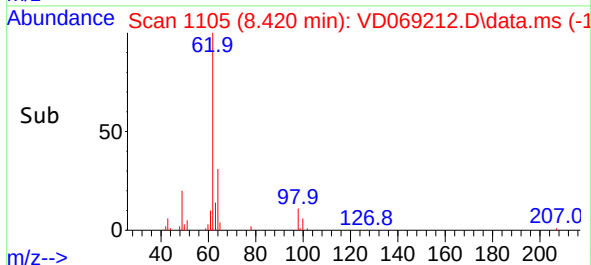
Tgt Ion: 41 Resp: 13343
Ion Ratio Lower Upper
41 100
39 57.9 58.0 87.0#
67 96.3 0.0 0.0#
52 43.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.70 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



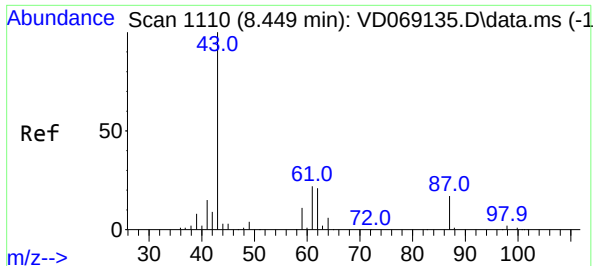
Tgt Ion: 62 Resp: 71229
Ion Ratio Lower Upper
62 100
98 11.3 0.0 20.6



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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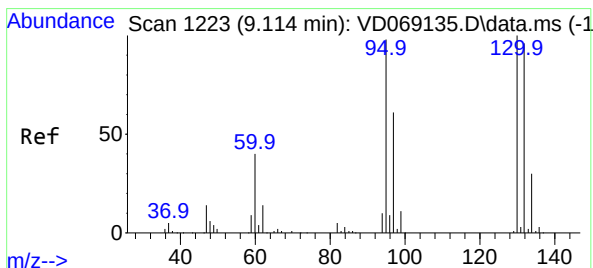
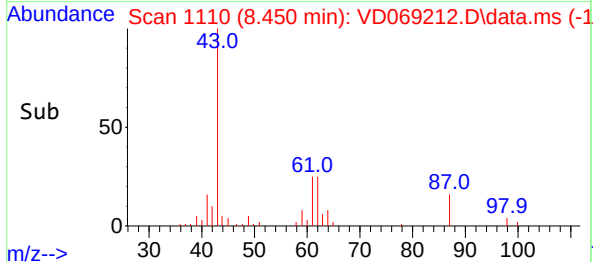
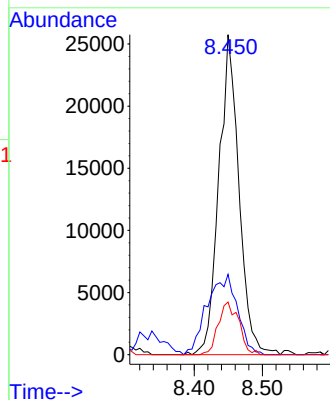
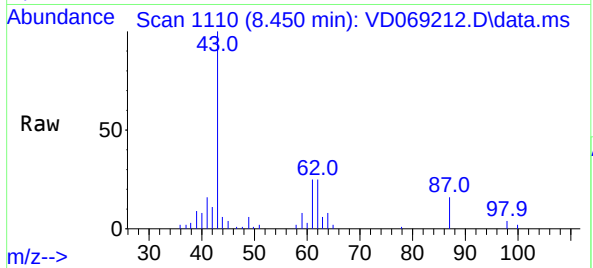
#43
Isopropyl Acetate
Concen: 20.59 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	43	Resp:	52850
Ion Ratio	Lower	Upper	
43	100		
61	37.7	28.6	42.8
87	16.9	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

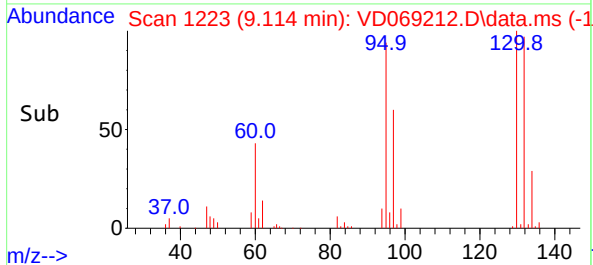
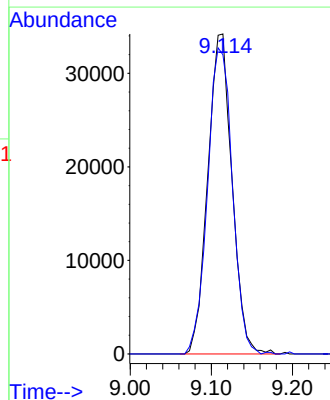
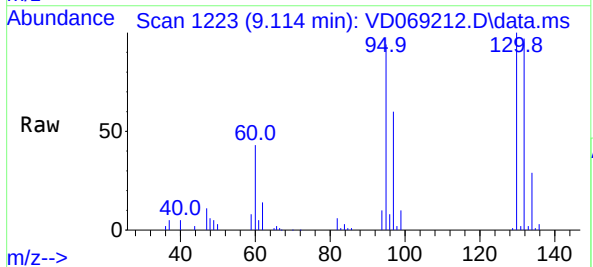
Manual Integrations
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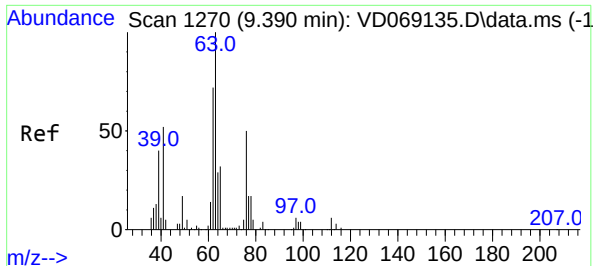
MMDadoda
5/21/2021 1:48:00 PM



#44
Trichloroethene
Concen: 20.14 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	130	Resp:	70925
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	196.2





#45

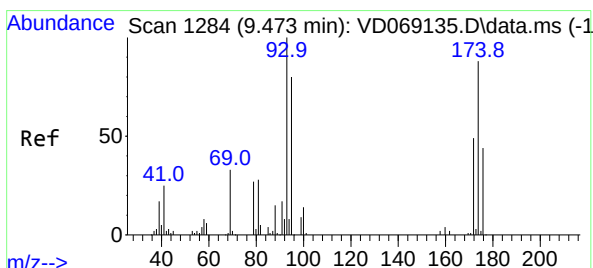
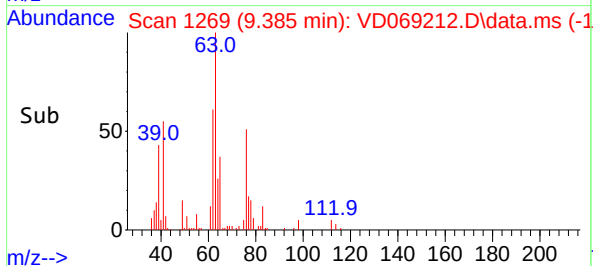
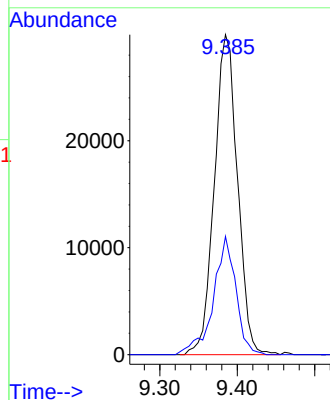
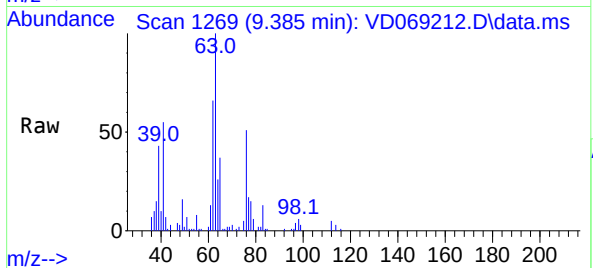
1,2-Dichloropropane
Concen: 20.88 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 63 Resp: 62100
Ion Ratio Lower Upper
63 100
65 36.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations
APPROVED

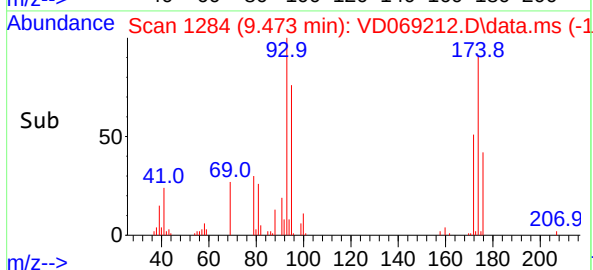
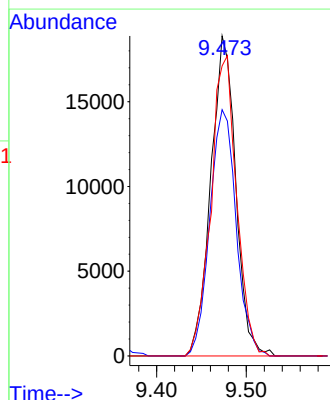
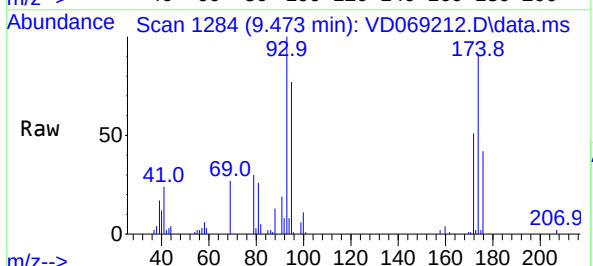
MMDadoda
5/21/2021 1:48:00 PM

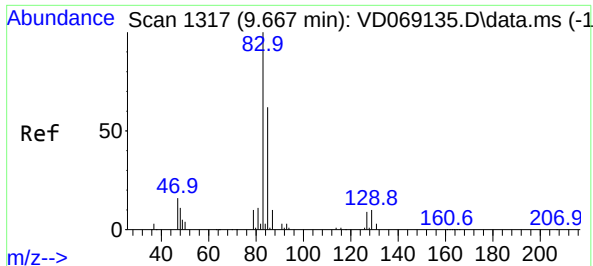


#46

Dibromomethane
Concen: 20.46 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

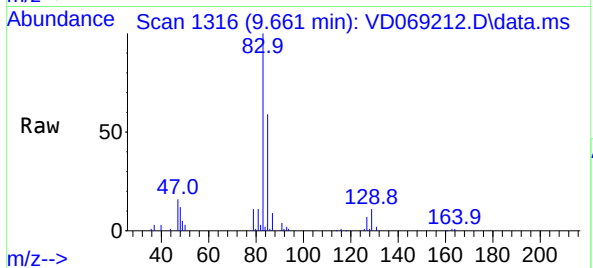
Tgt Ion: 93 Resp: 36368
Ion Ratio Lower Upper
93 100
95 81.5 65.9 98.9
174 96.9 76.6 115.0





#47
Bromodichloromethane
Concen: 20.81 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

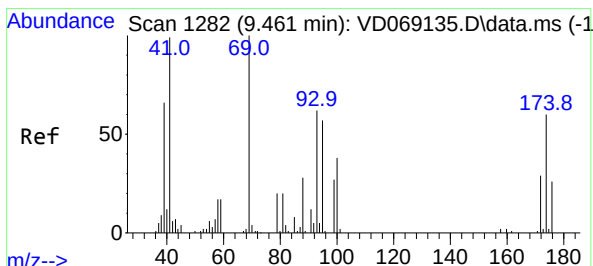
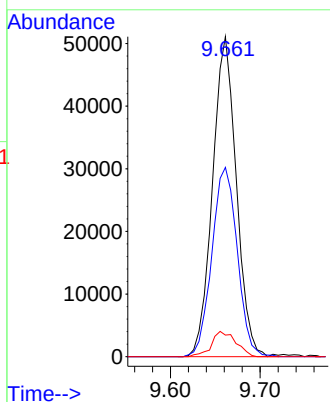
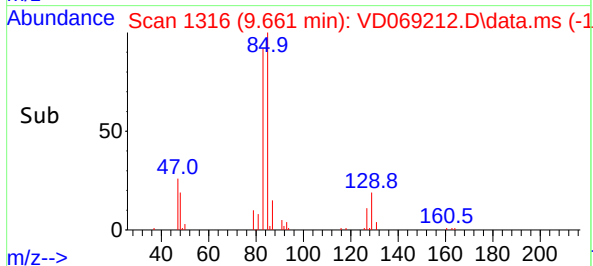
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



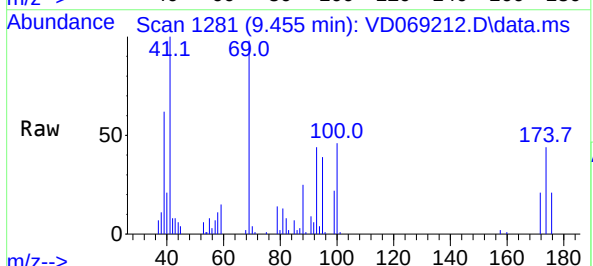
Tgt Ion: 83 Resp: 94161
Ion Ratio Lower Upper
83 100
85 59.2 50.0 75.0
127 6.7 7.1 10.7#

Manual Integrations
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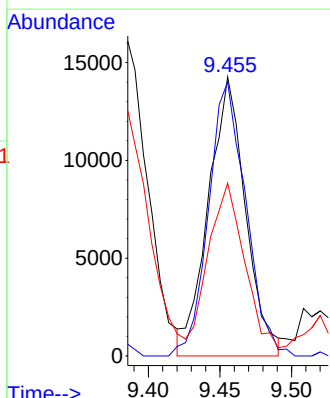
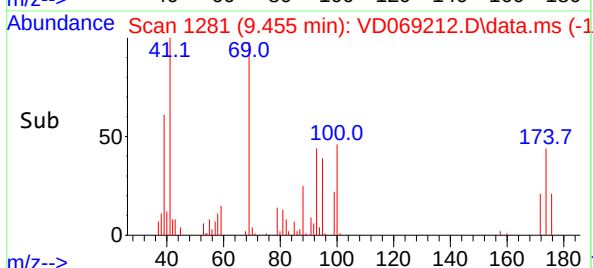
MMDadoda
5/21/2021 1:48:00 PM

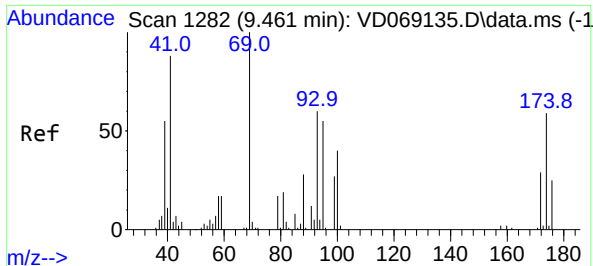


#48
Methyl methacrylate
Concen: 21.67 ug/l m
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



Tgt Ion: 41 Resp: 25714
Ion Ratio Lower Upper
41 100
69 98.6 88.0 132.0
39 55.8 51.4 77.0





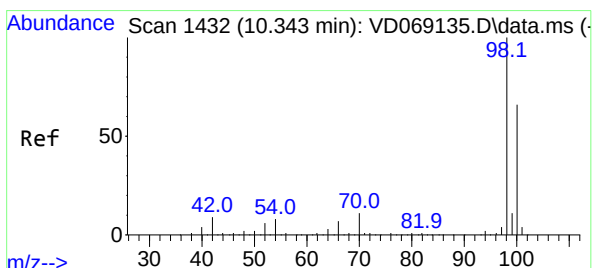
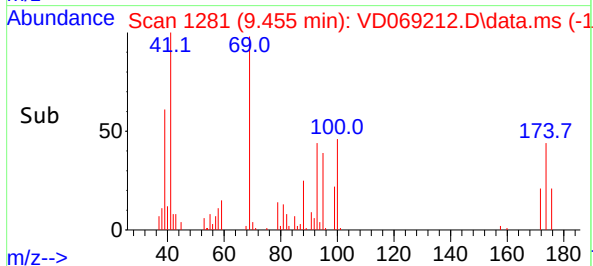
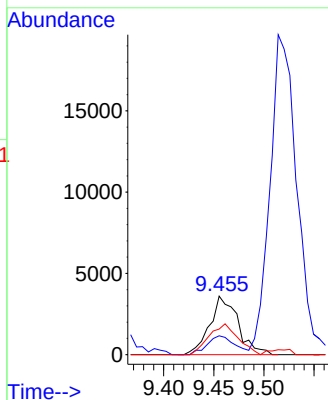
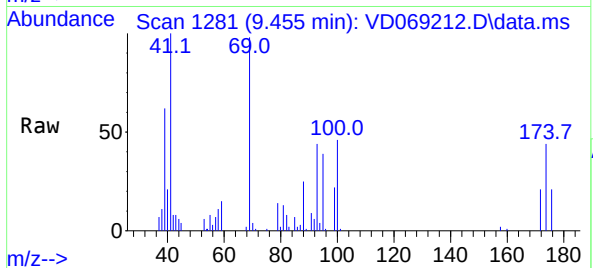
#49
1,4-Dioxane
Concen: 396.78 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 88 Resp: 7054
Ion Ratio Lower Upper
88 100
43 31.7 26.7 40.1
58 54.0 45.8 68.6

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

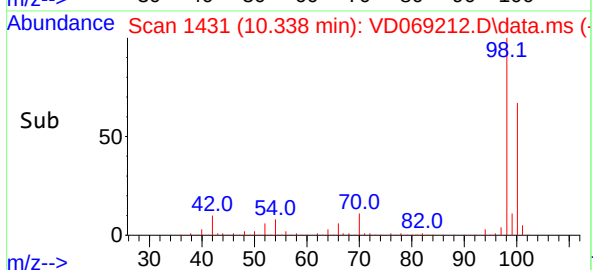
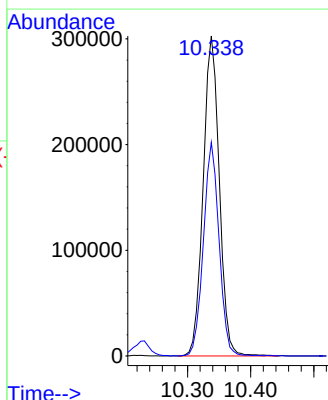
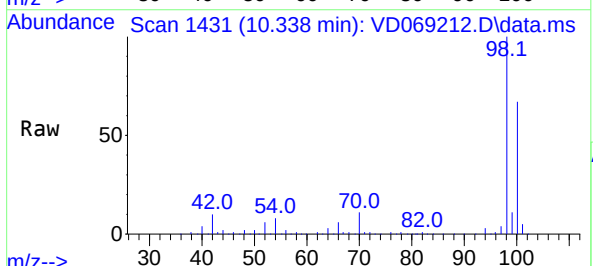
Manual Integrations
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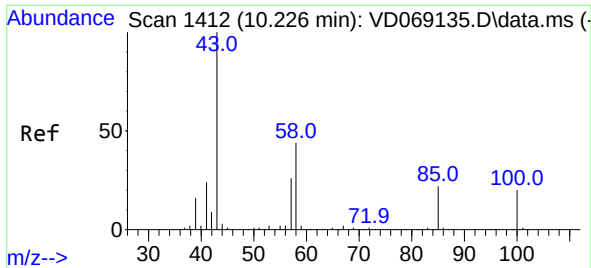
MMDadoda
5/21/2021 1:48:00 PM



#50
Toluene-d8
Concen: 49.68 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 98 Resp: 537452
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8





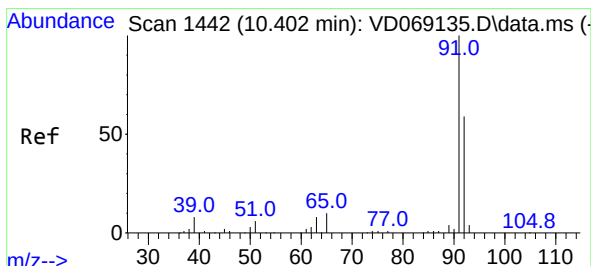
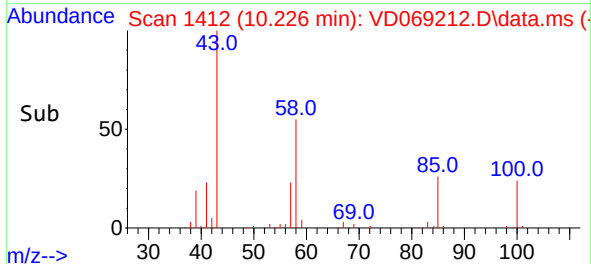
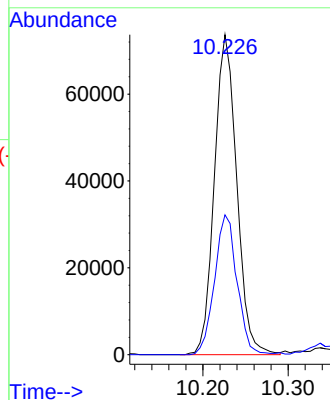
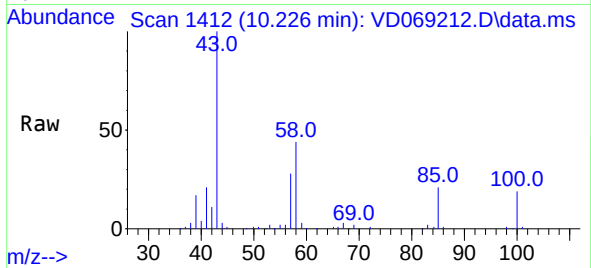
#51
4-Methyl-2-Pentanone
Concen: 101.73 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 43 Resp: 134313
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

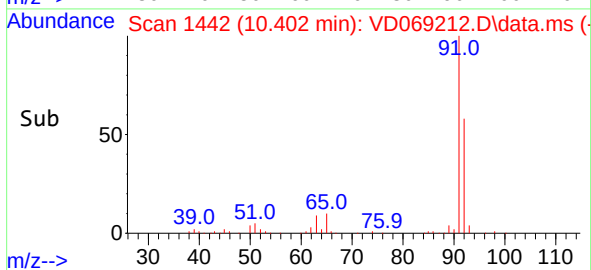
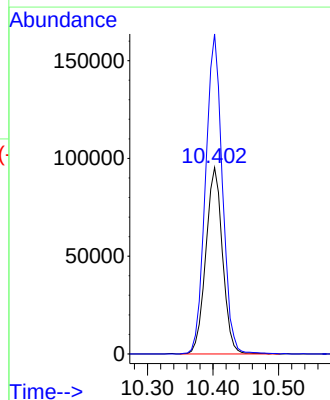
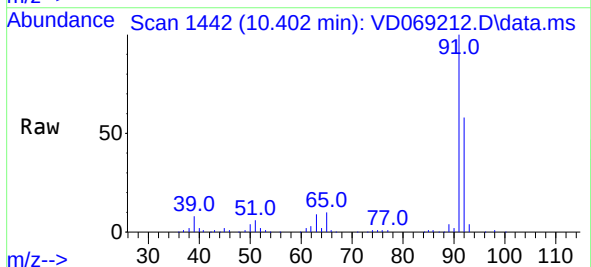
Manual Integrations
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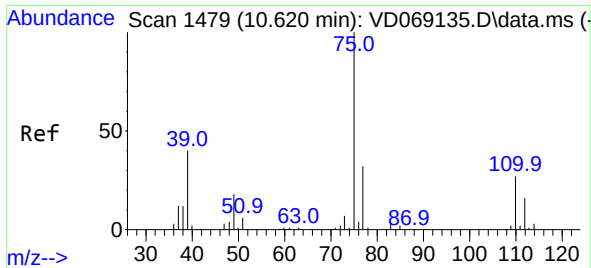
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5/21/2021 1:48:00 PM



#52
Toluene
Concen: 20.81 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 92 Resp: 169214
Ion Ratio Lower Upper
92 100
91 172.9 136.2 204.2





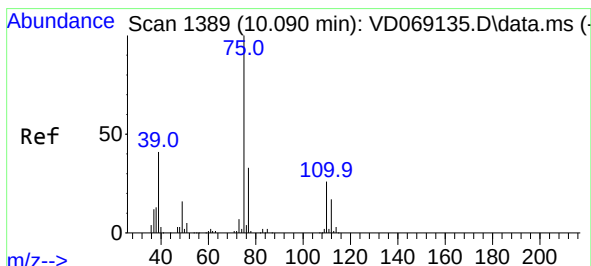
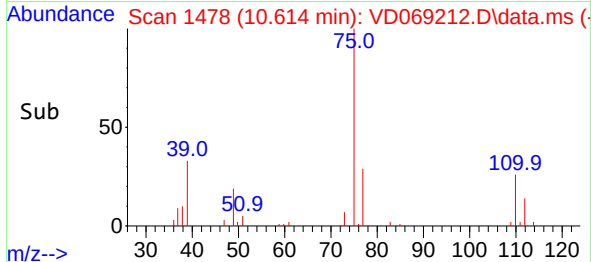
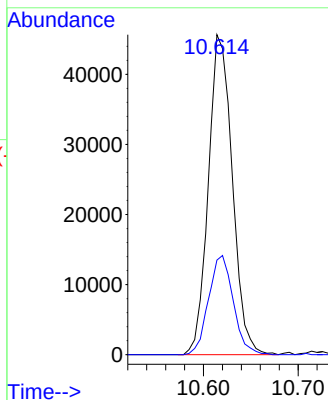
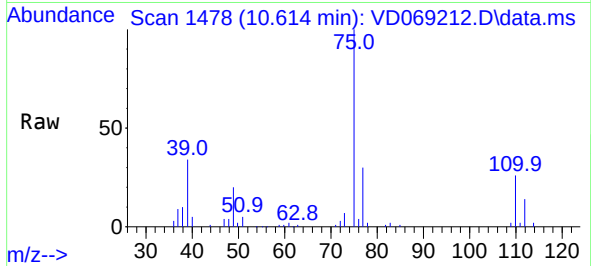
#53
t-1,3-Dichloropropene
Concen: 20.22 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 75 Resp: 80397
Ion Ratio Lower Upper
75 100
77 29.5 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

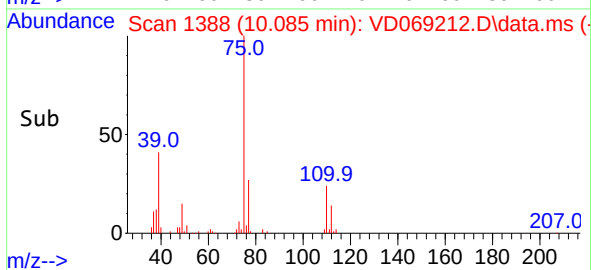
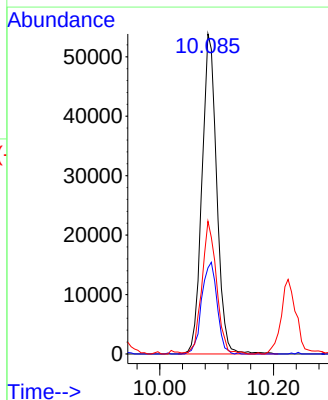
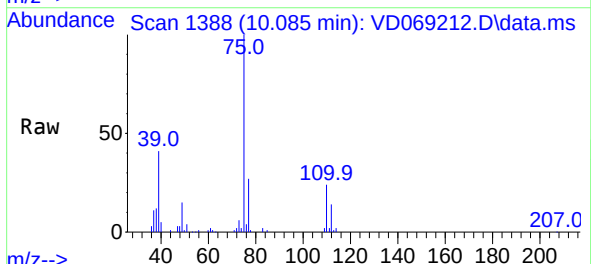
Manual Integrations
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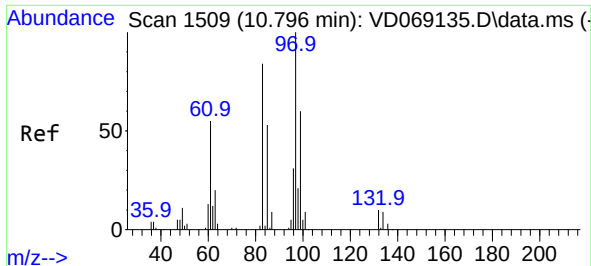
MMDadoda
5/21/2021 1:48:00 PM



#54
cis-1,3-Dichloropropene
Concen: 20.41 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 75 Resp: 96971
Ion Ratio Lower Upper
75 100
77 26.9 26.2 39.4
39 40.8 32.9 49.3





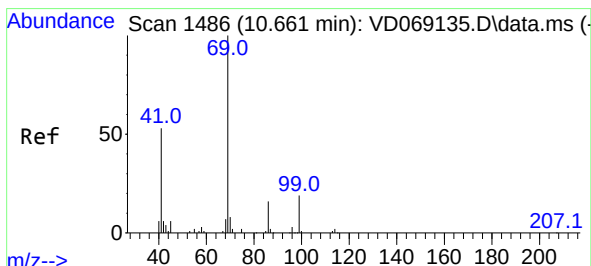
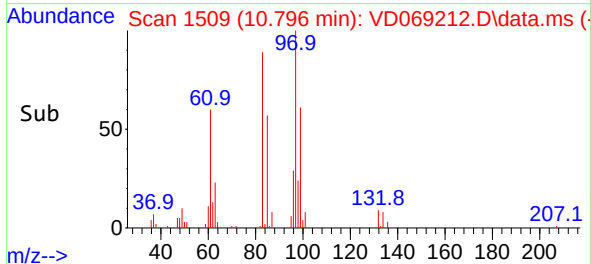
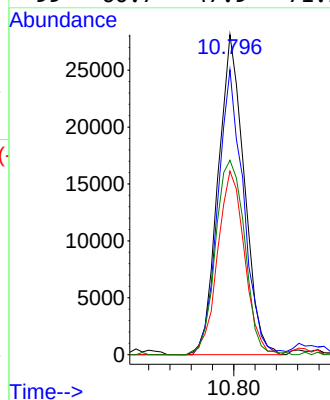
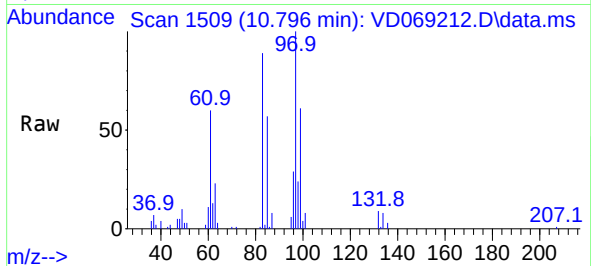
#55
1,1,2-Trichloroethane
Concen: 19.94 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	97	Resp:	47770
Ion	Ratio	Lower	Upper
97	100		
83	89.1	66.9	100.3
85	57.4	42.2	63.4
99	60.7	47.9	71.9

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

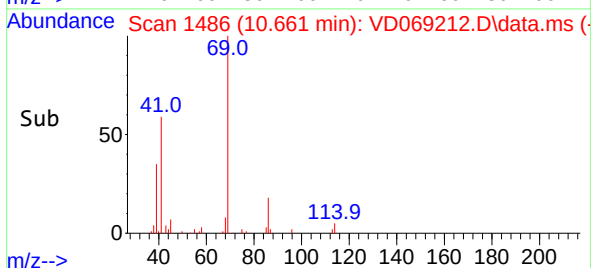
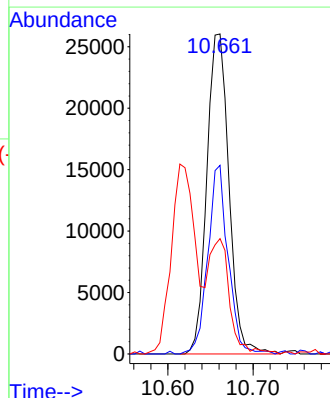
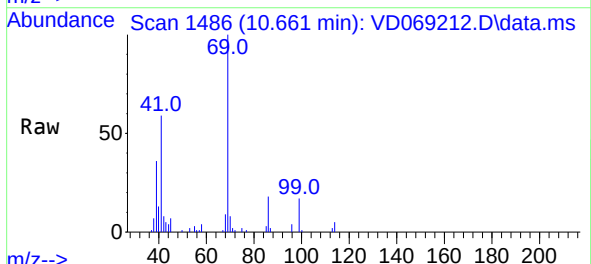
Manual Integrations
APPROVED

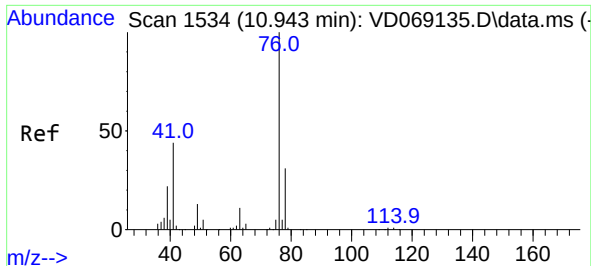
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5/21/2021 1:48:00 PM



#56
Ethyl methacrylate
Concen: 18.81 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:	69	Resp:	46959
Ion	Ratio	Lower	Upper
69	100		
41	54.1	42.2	63.2
39	32.7	26.3	39.5





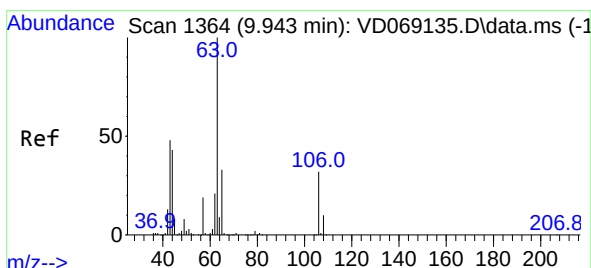
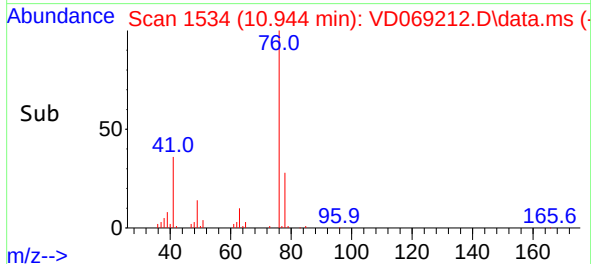
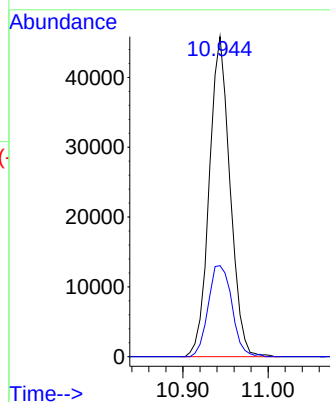
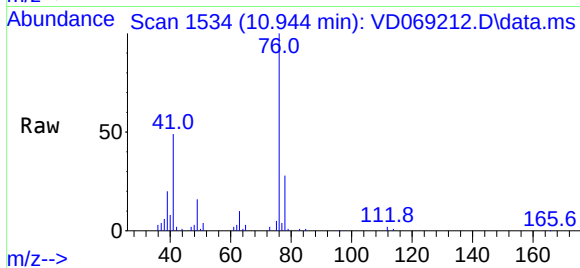
#57
1,3-Dichloropropane
Concen: 20.09 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 76 Resp: 77779
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

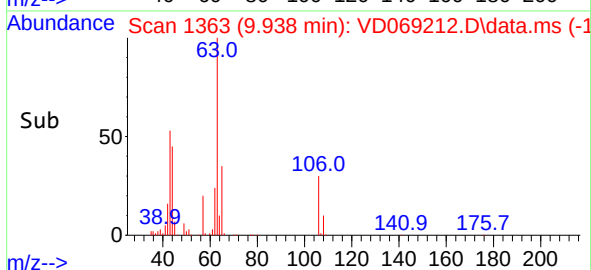
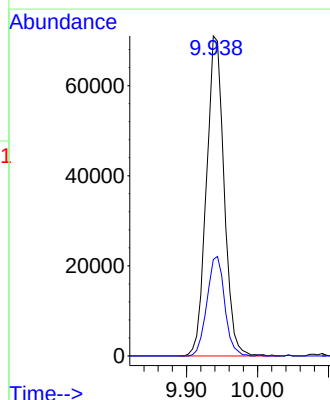
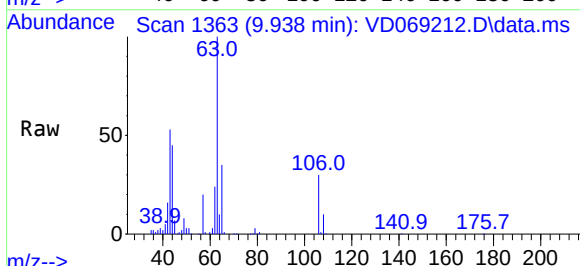
Manual Integrations
APPROVED

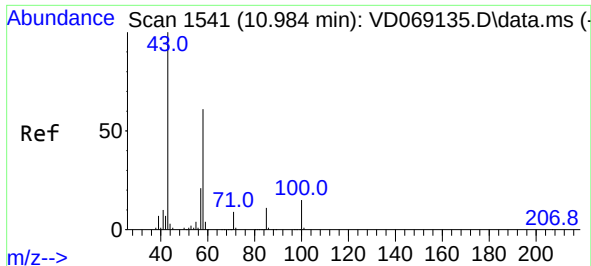
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5/21/2021 1:48:00 PM



#58
2-Chloroethyl Vinyl ether
Concen: 103.81 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

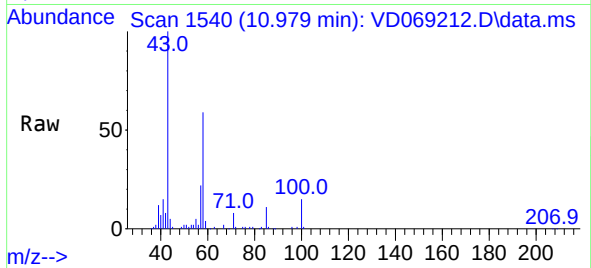
Tgt Ion: 63 Resp: 123140
Ion Ratio Lower Upper
63 100
106 31.1 25.3 37.9





#59
2-Hexanone
Concen: 100.95 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

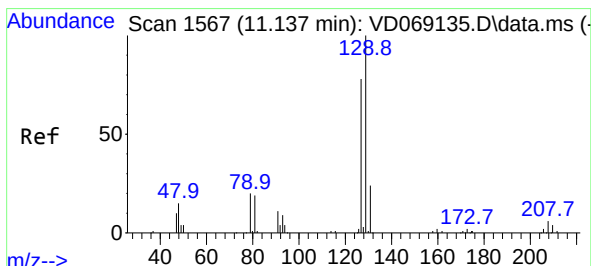
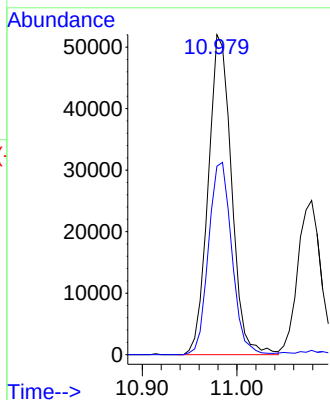
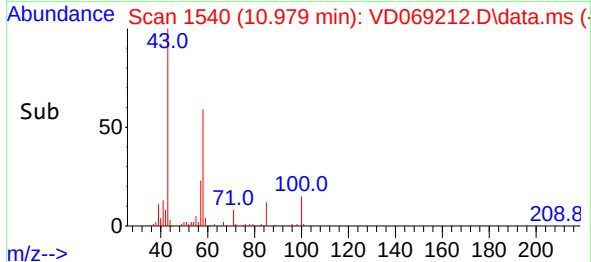
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



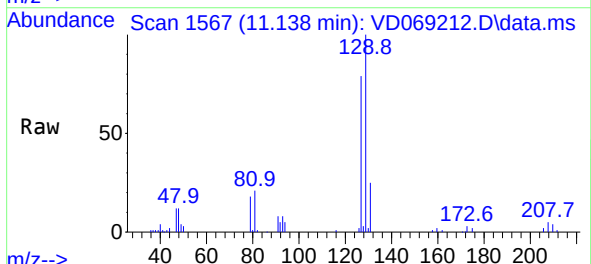
Tgt Ion: 43 Resp: 88941
Ion Ratio Lower Upper
43 100
58 59.9 31.1 93.5

Manual Integrations
APPROVED

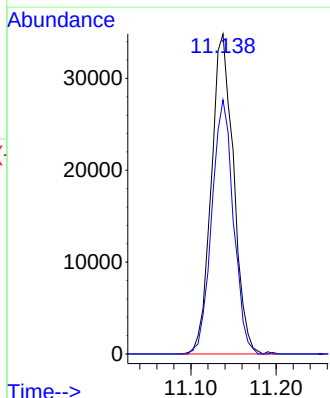
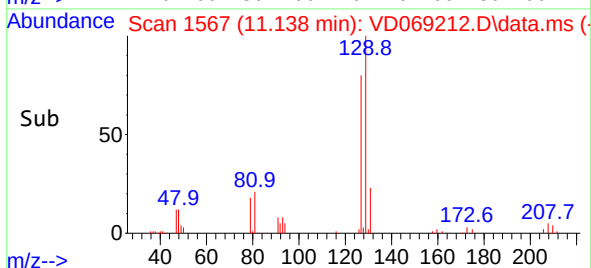
MMDadoda
5/21/2021 1:48:00 PM

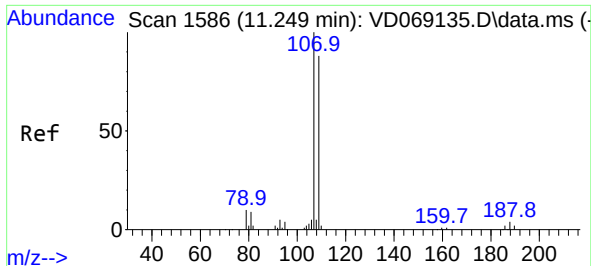


#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



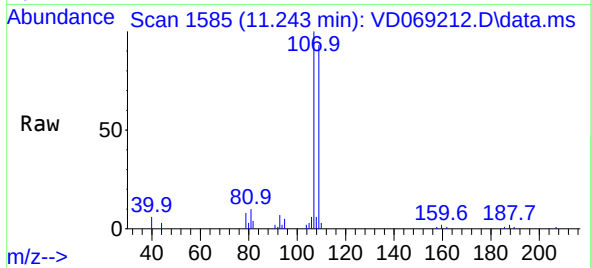
Tgt Ion: 129 Resp: 63201
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.79 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

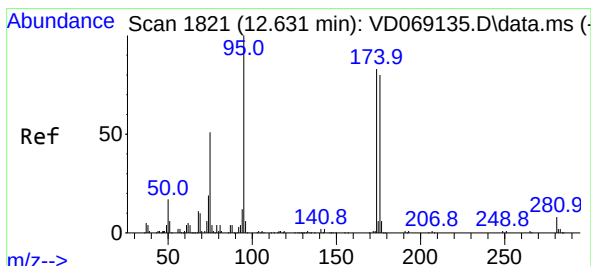
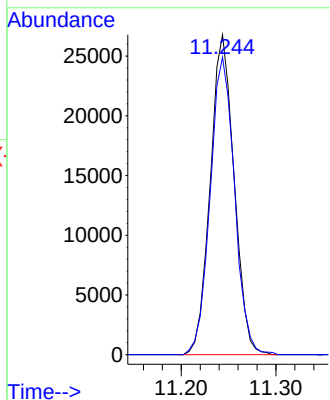
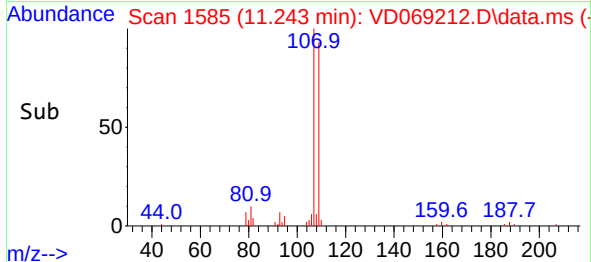
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



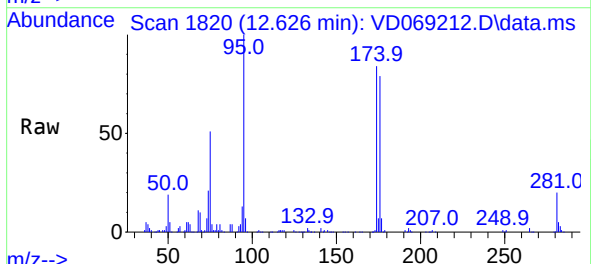
Tgt Ion:107 Resp: 46868
Ion Ratio Lower Upper
107 100
109 95.1 73.6 110.4

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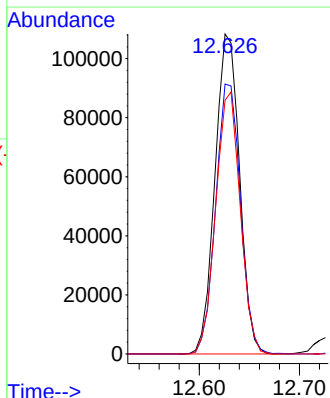
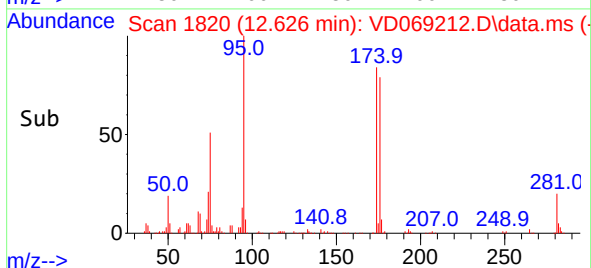
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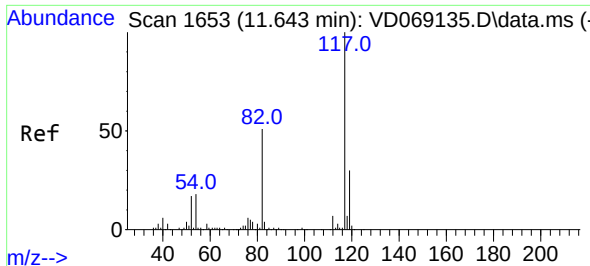


#62
4-Bromofluorobenzene
Concen: 52.87 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

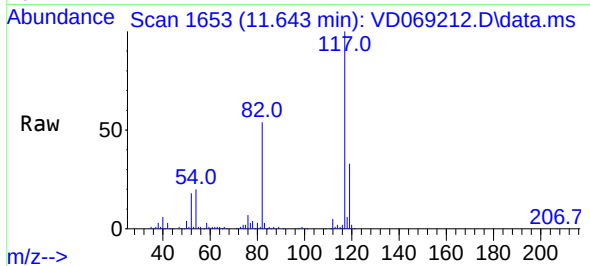


Tgt Ion: 95 Resp: 184027
Ion Ratio Lower Upper
95 100
174 85.4 0.0 171.8
176 81.8 0.0 165.4

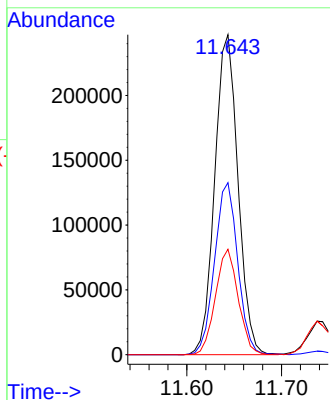
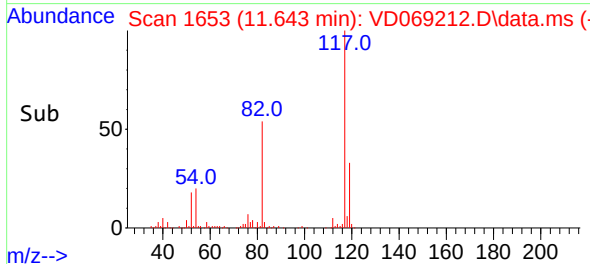




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



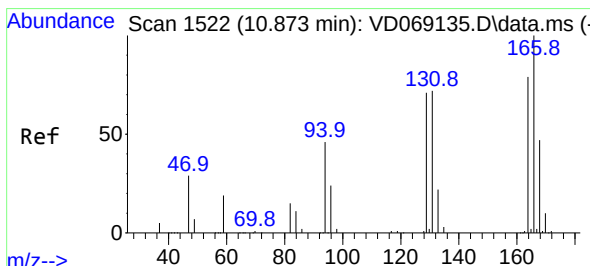
Tgt Ion:117 Resp: 421721
Ion Ratio Lower Upper
117 100
82 53.7 40.5 60.7
119 33.0 24.2 36.4



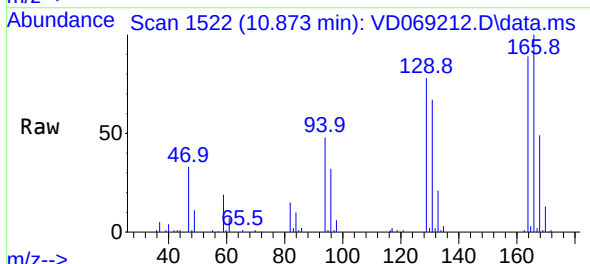
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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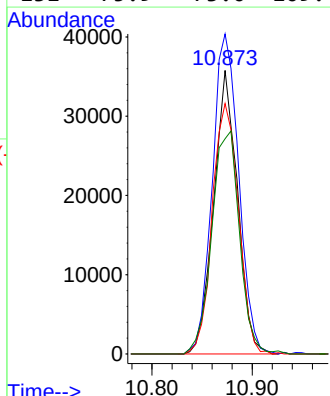
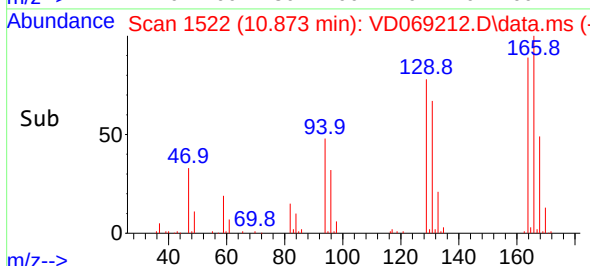
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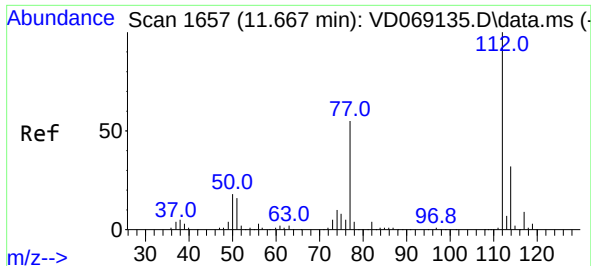


#64
Tetrachloroethene
Concen: 20.22 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



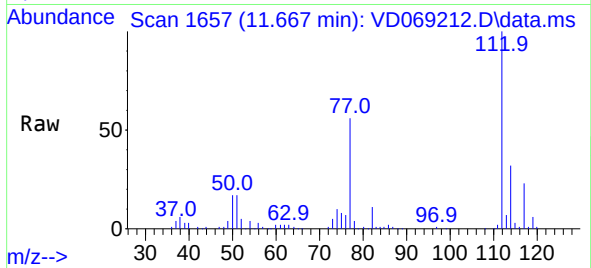
Tgt Ion:164 Resp: 59257
Ion Ratio Lower Upper
164 100
166 112.9 101.7 152.5
129 88.3 72.6 109.0
131 75.9 73.0 109.4





#65
Chlorobenzene
Concen: 20.68 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

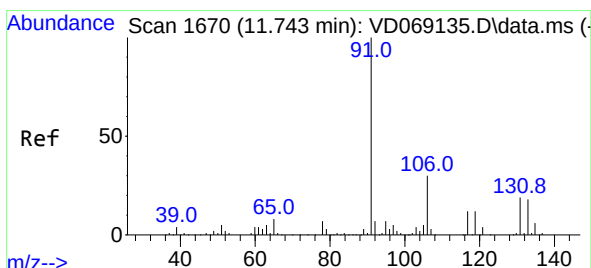
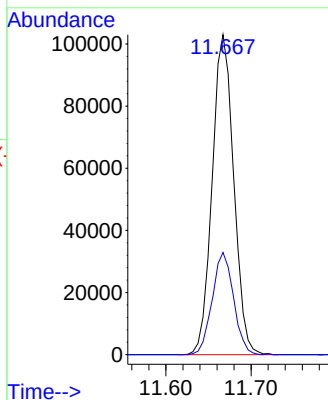
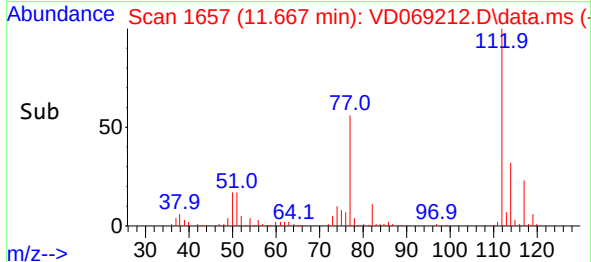
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



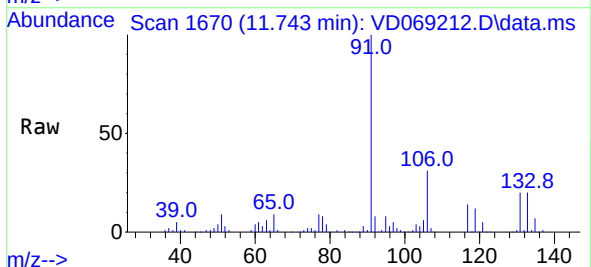
Tgt Ion:112 Resp: 180759
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

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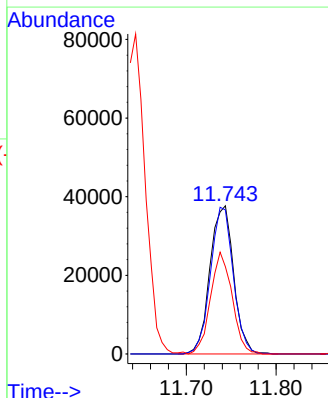
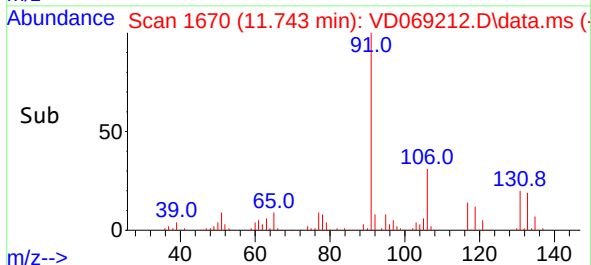
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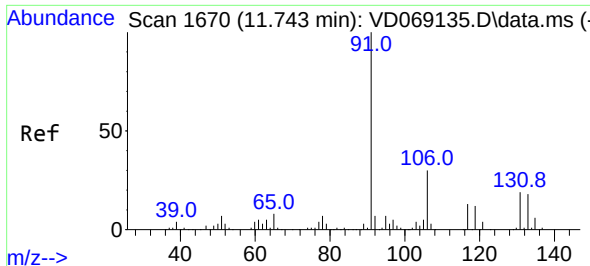


#66
1,1,1,2-Tetrachloroethane
Concen: 20.93 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

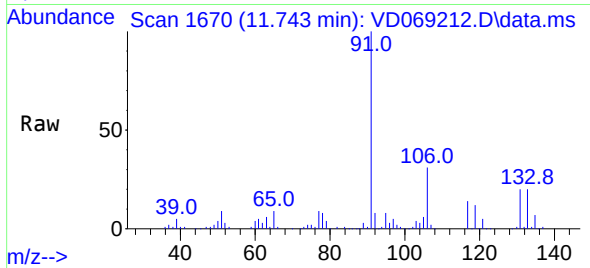


Tgt Ion:131 Resp: 68993
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 62.7 32.1 96.5

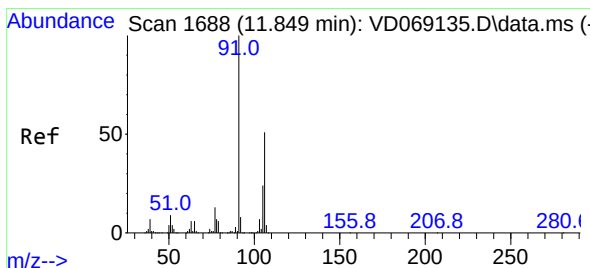
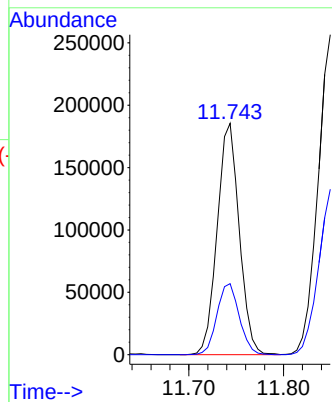
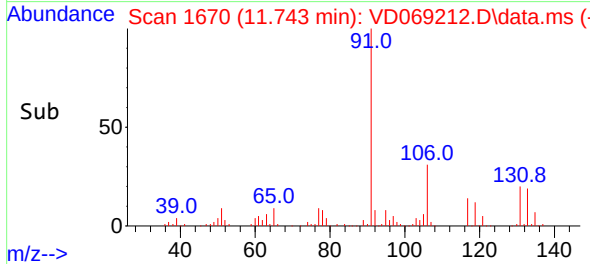




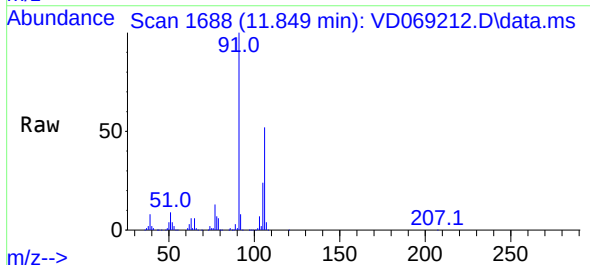
#67
Ethyl Benzene
Concen: 19.96 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



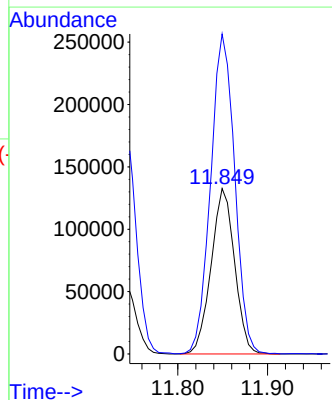
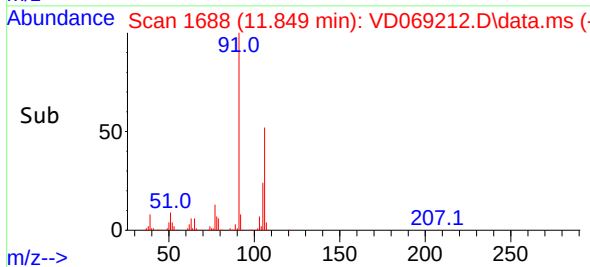
Tgt Ion: 91 Resp: 300215
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#68
m/p-Xylenes
Concen: 40.86 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



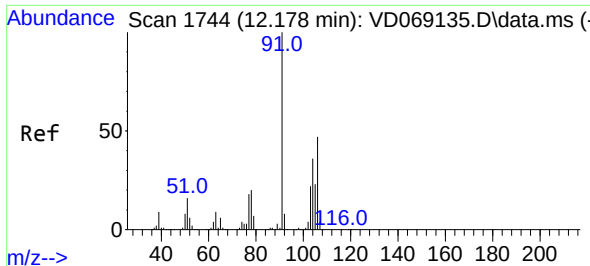
Tgt Ion: 106 Resp: 240842
Ion Ratio Lower Upper
106 100
91 198.3 157.3 235.9



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations
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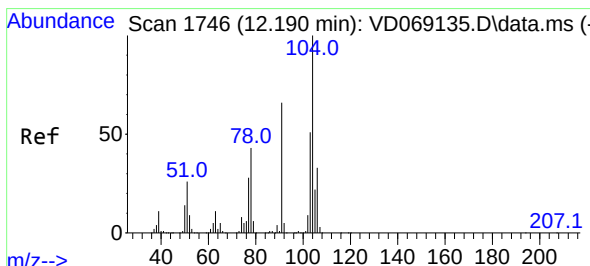
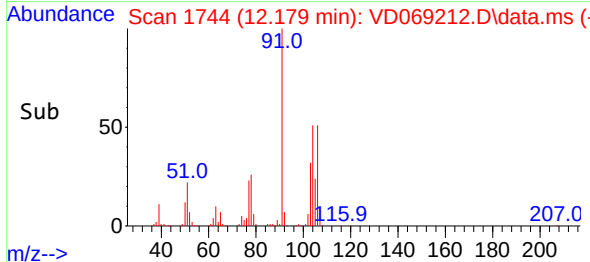
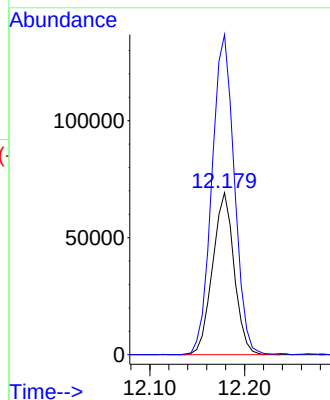
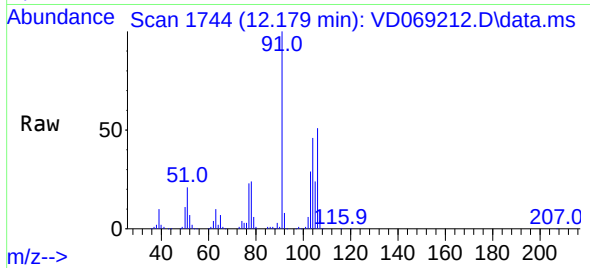
#69
o-Xylene
Concen: 20.87 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:106 Resp: 109427
Ion Ratio Lower Upper
106 100
91 206.0 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

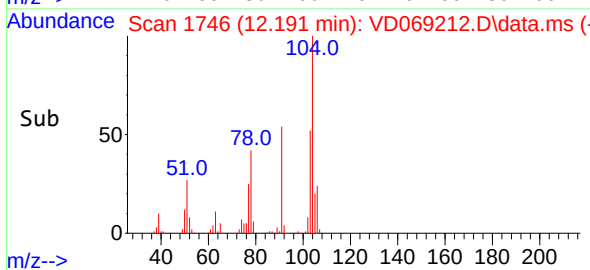
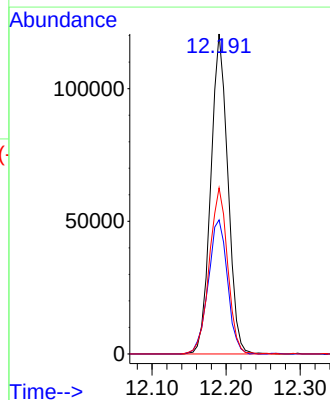
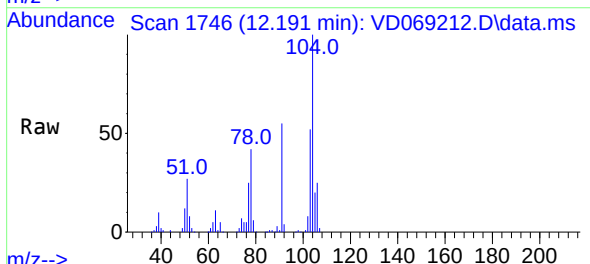
Manual Integrations
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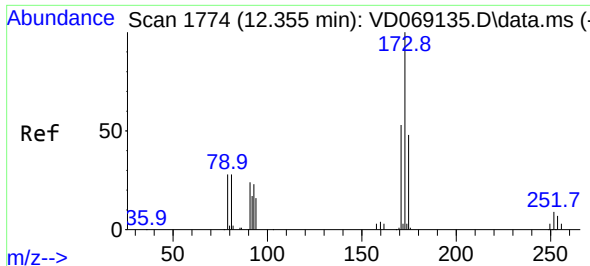
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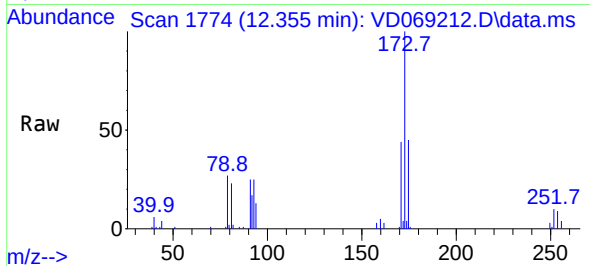
#70
Styrene
Concen: 21.13 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:104 Resp: 193347
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 55.5 44.8 67.2

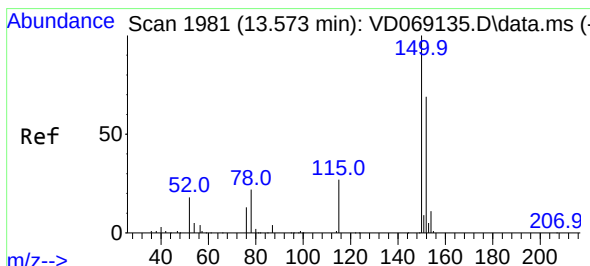
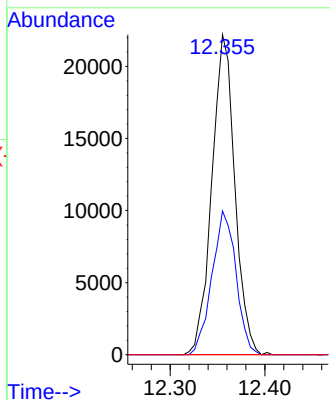
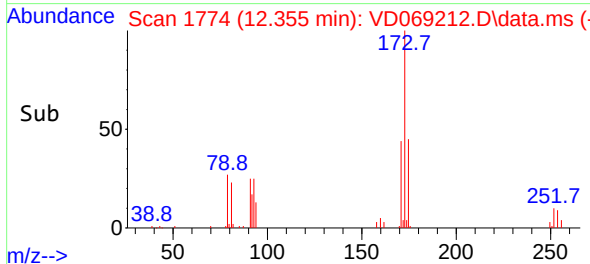




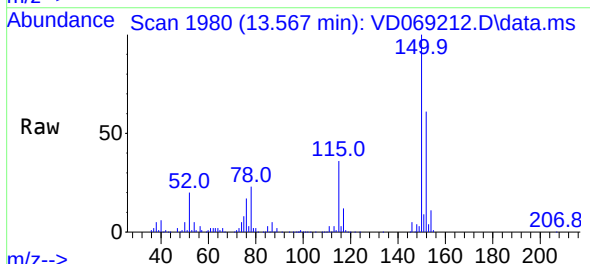
#71
Bromoform
Concen: 21.84 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



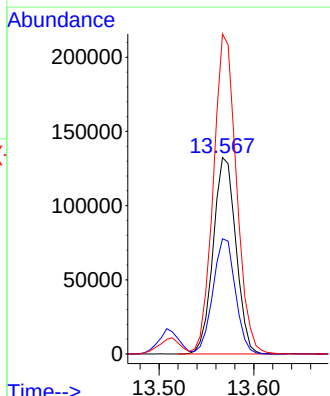
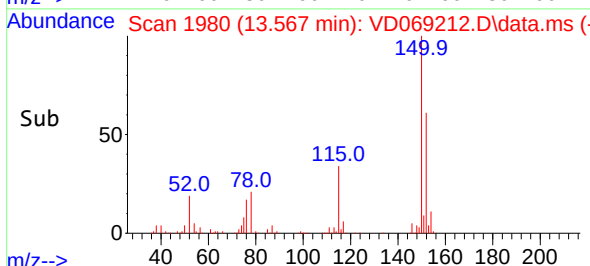
Tgt Ion:173 Resp: 37443
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



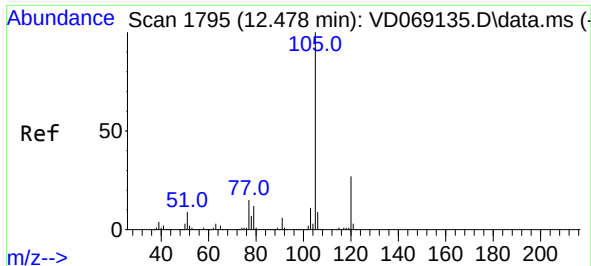
Tgt Ion:152 Resp: 221355
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 165.4 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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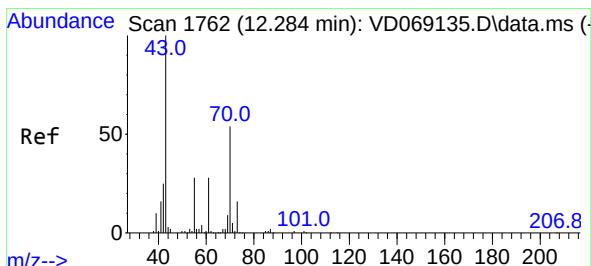
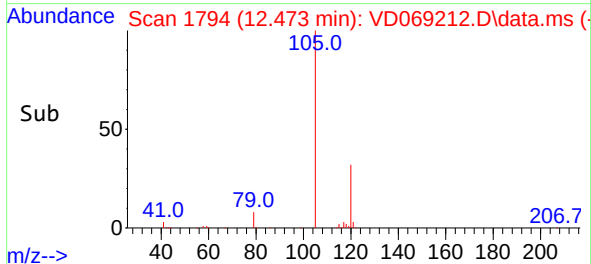
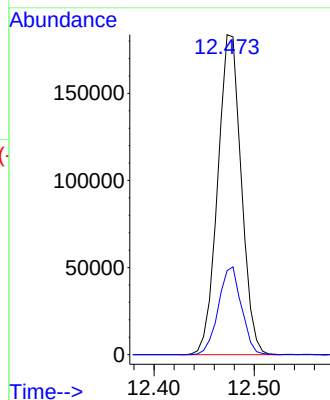
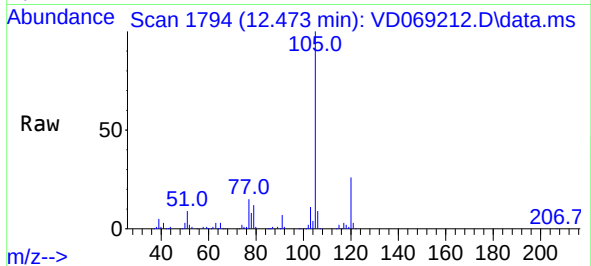
#73
Isopropylbenzene
Concen: 19.39 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 105 Resp: 299992
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

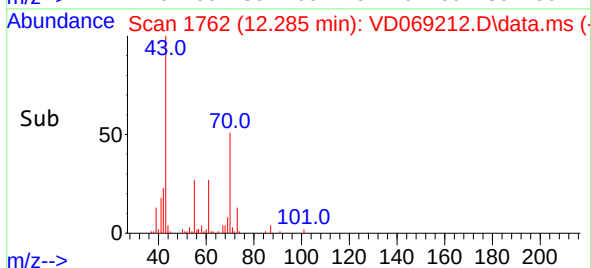
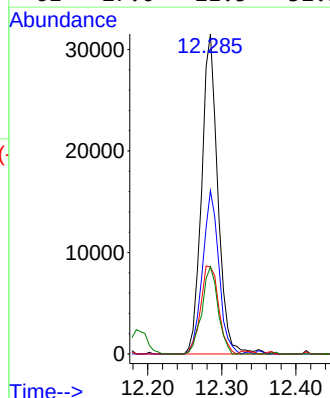
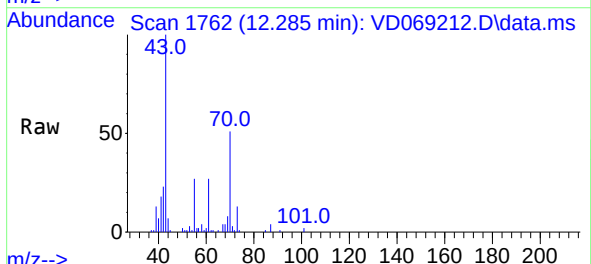
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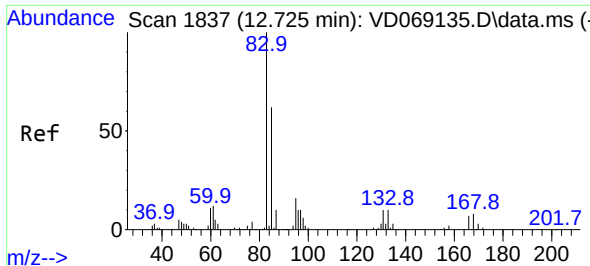
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#74
N-ethyl acetate
Concen: 18.94 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

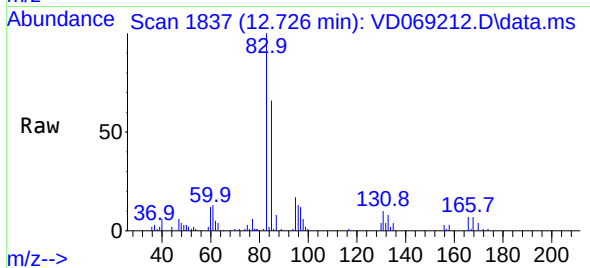
Tgt Ion: 43 Resp: 47912
Ion Ratio Lower Upper
43 100
70 51.0 41.6 62.4
55 30.5 22.6 34.0
61 27.0 21.5 32.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.97 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

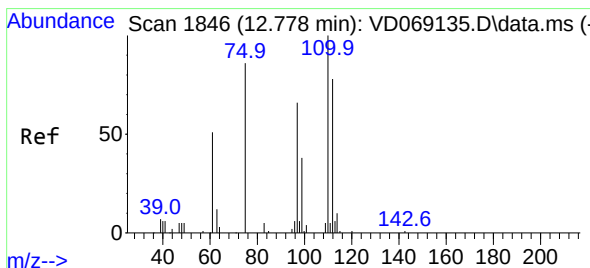
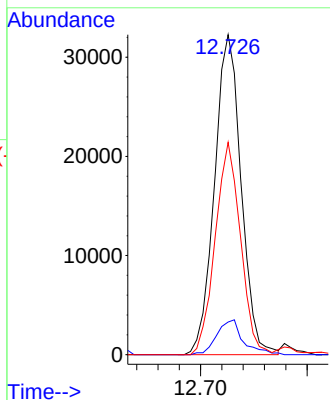
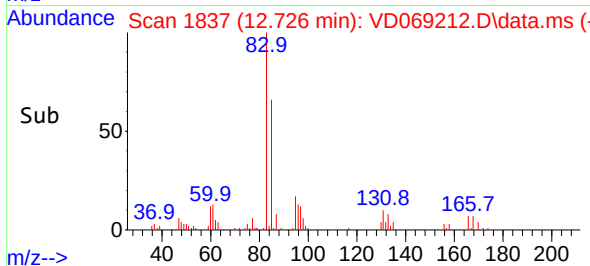
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



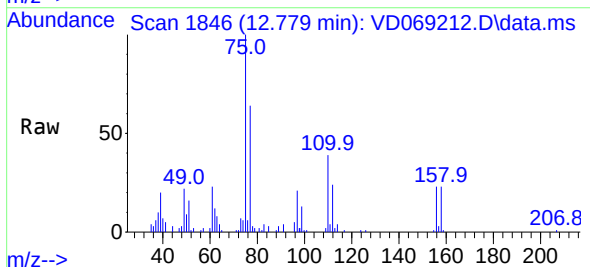
Tgt Ion: 83 Resp: 55997
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.0 31.9 95.5

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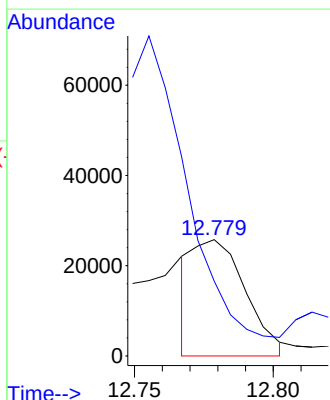
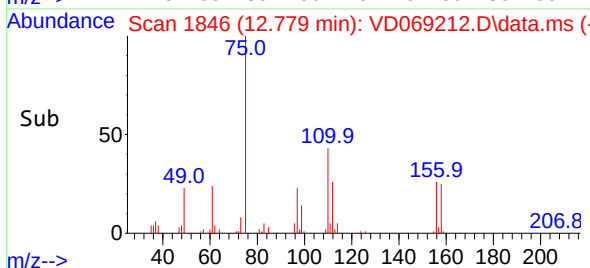
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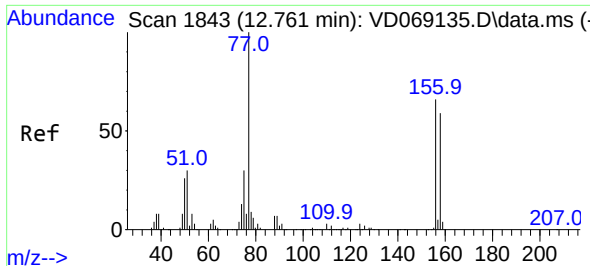


#76
1,2,3-Trichloropropane
Concen: 20.35 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

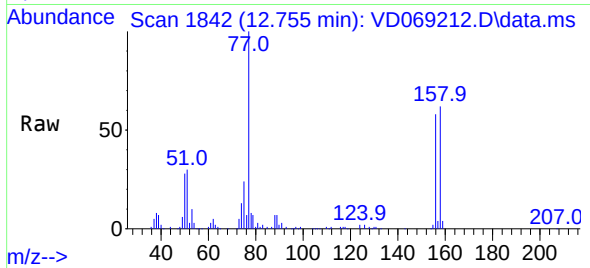


Tgt Ion: 75 Resp: 33868
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

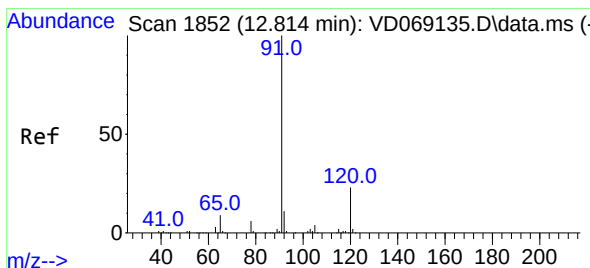
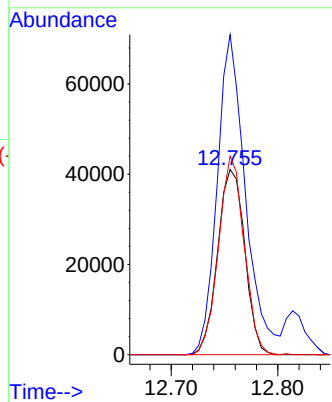
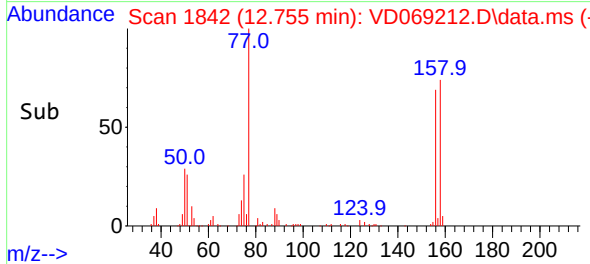




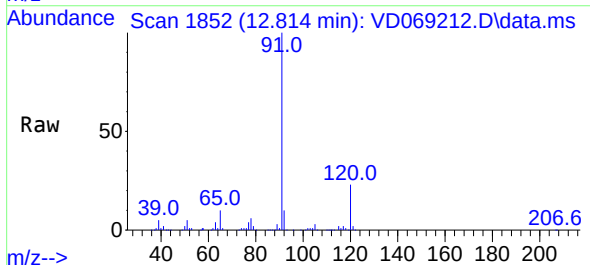
#77
Bromobenzene
Concen: 19.80 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



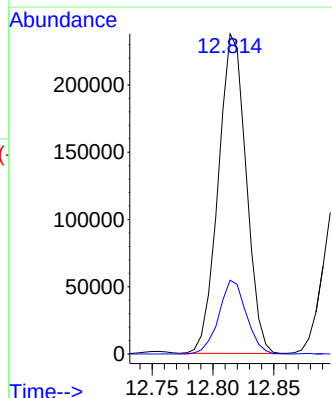
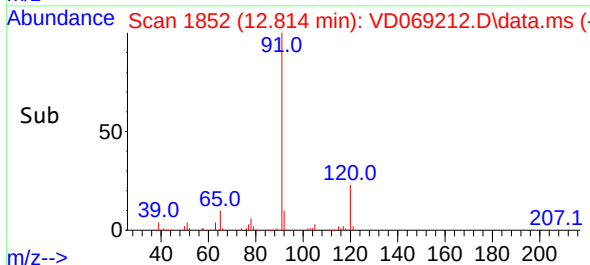
Tgt Ion:156 Resp: 72677
Ion Ratio Lower Upper
156 100
77 180.0 85.8 257.3
158 101.5 47.8 143.4



#78
n-propylbenzene
Concen: 20.25 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



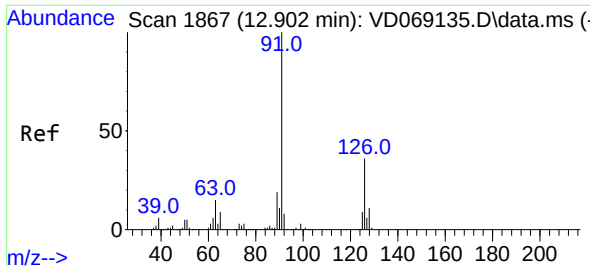
Tgt Ion: 91 Resp: 378102
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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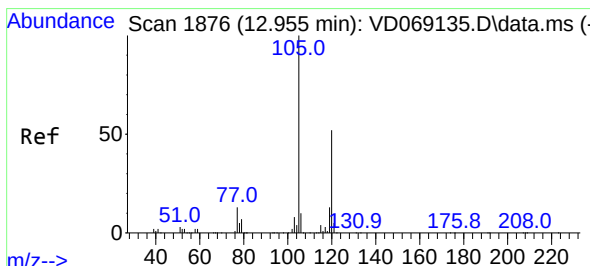
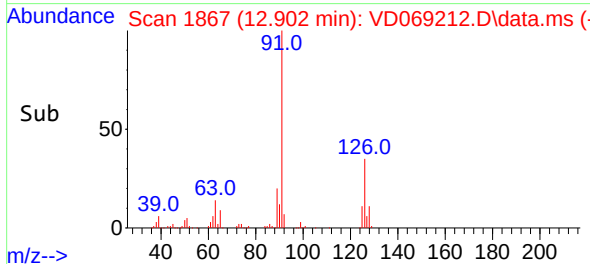
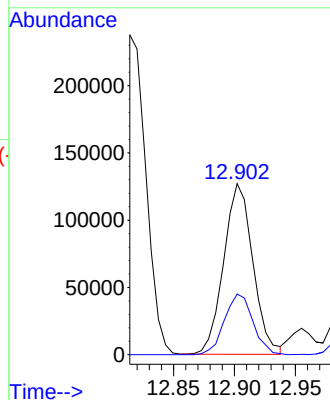
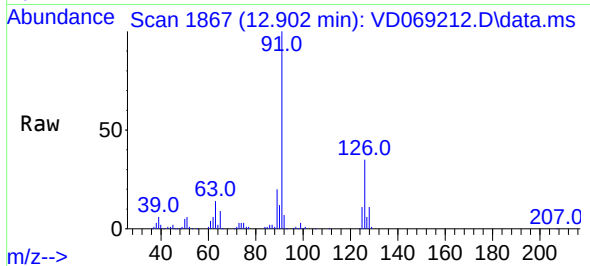
#79
2-Chlorotoluene
Concen: 20.48 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 91 Resp: 212663
Ion Ratio Lower Upper
91 100
126 34.7 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

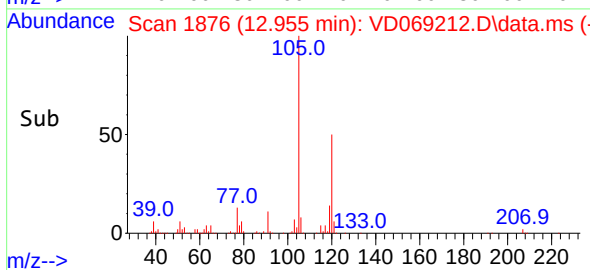
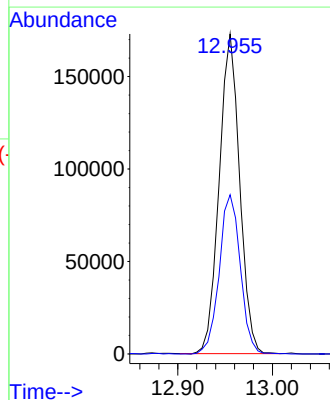
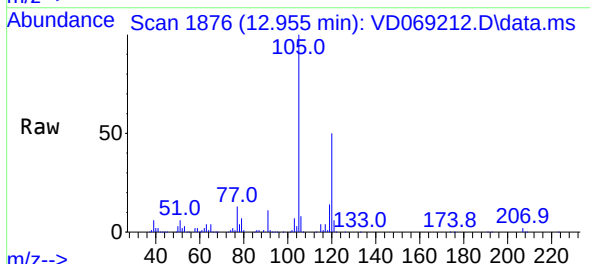
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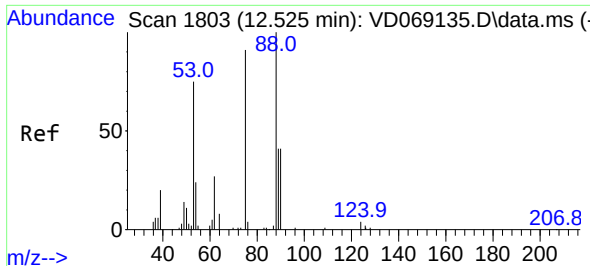
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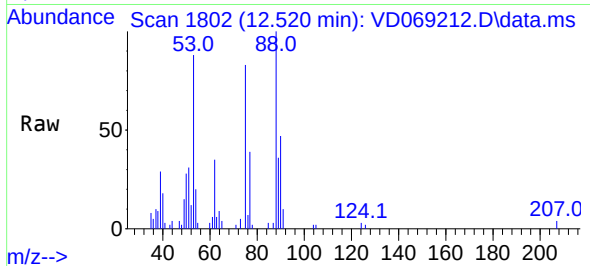
#80
1,3,5-Trimethylbenzene
Concen: 20.36 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 105 Resp: 259765
Ion Ratio Lower Upper
105 100
120 51.2 25.3 75.8

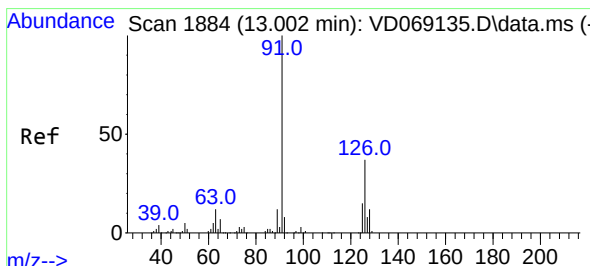
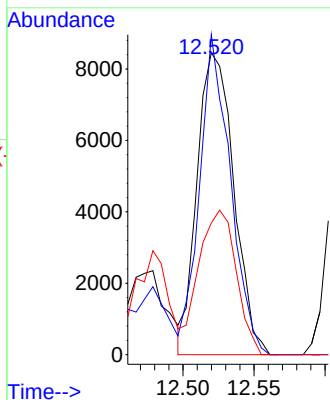
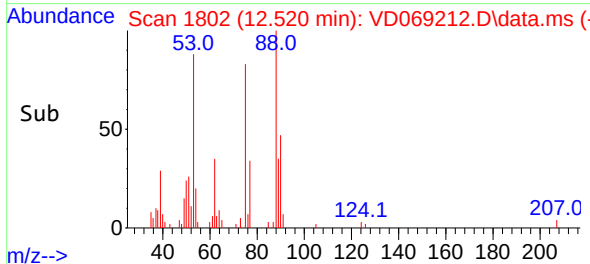




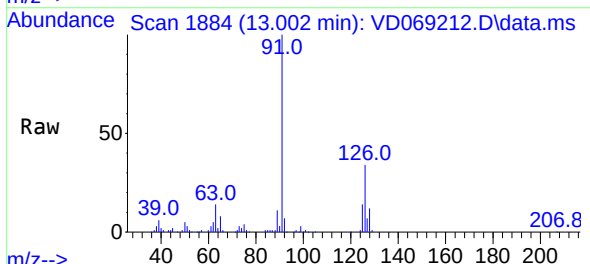
#81
trans-1,4-Dichloro-2-butene
Concen: 18.41 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



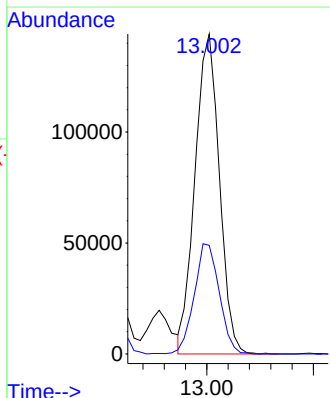
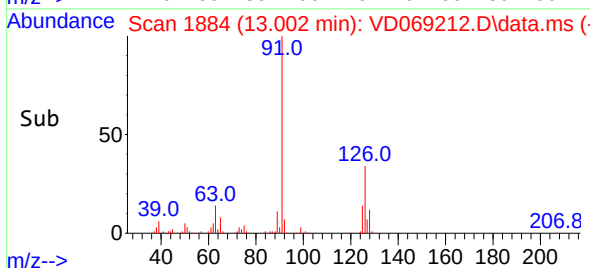
Tgt Ion: 75 Resp: 15162
Ion Ratio Lower Upper
75 100
53 88.9 70.0 105.0
89 49.3 40.2 60.2



#82
4-Chlorotoluene
Concen: 20.74 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



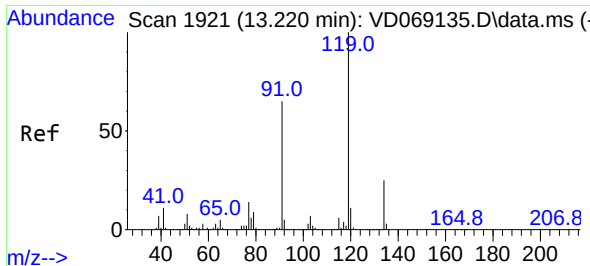
Tgt Ion: 91 Resp: 229451
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

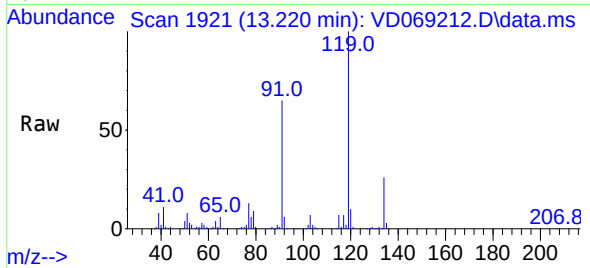
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#83
tert-Butylbenzene
Concen: 19.90 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

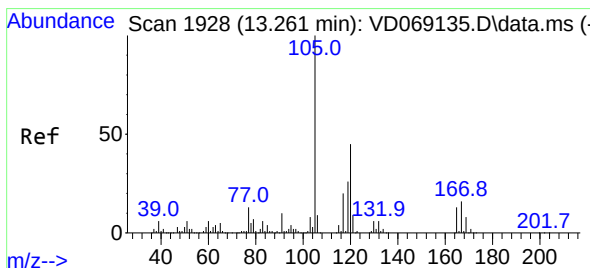
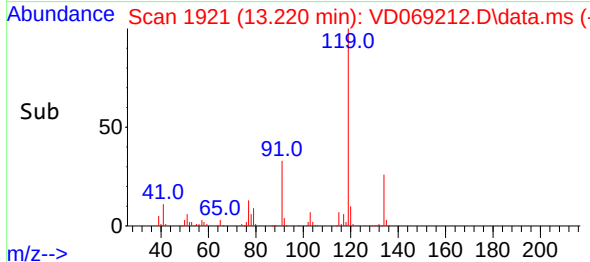
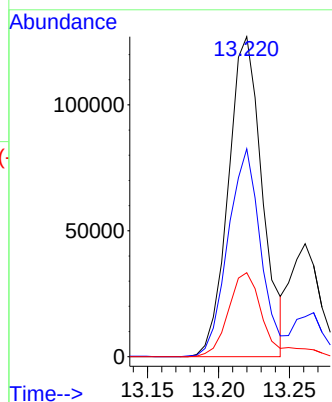
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



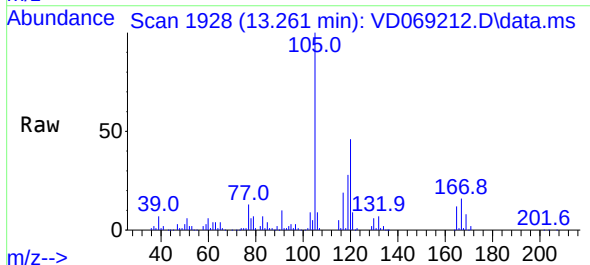
Tgt Ion:119 Resp: 211494
Ion Ratio Lower Upper
119 100
91 62.5 32.5 97.4
134 27.6 13.8 41.3

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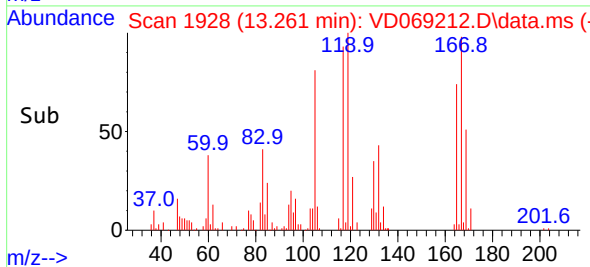
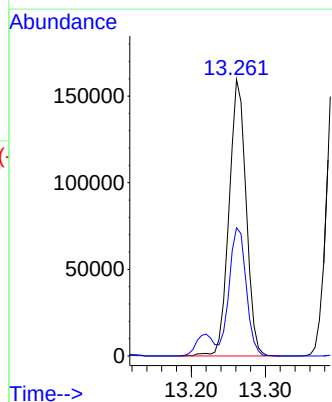
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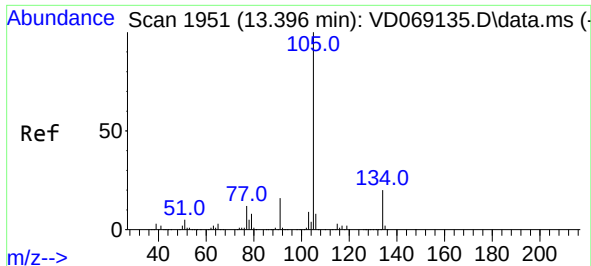


#84
1,2,4-Trimethylbenzene
Concen: 19.85 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



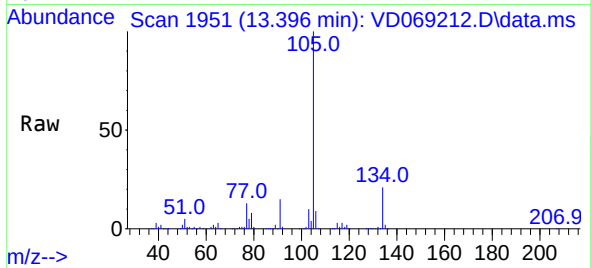
Tgt Ion:105 Resp: 254678
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85
sec-Butylbenzene
Concen: 20.02 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

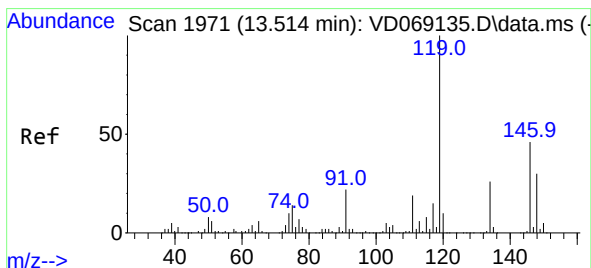
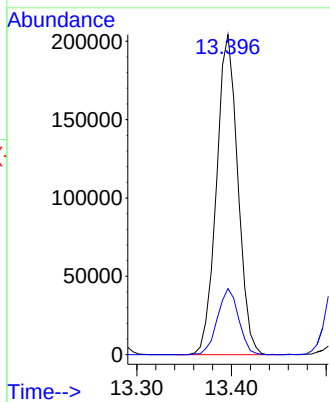
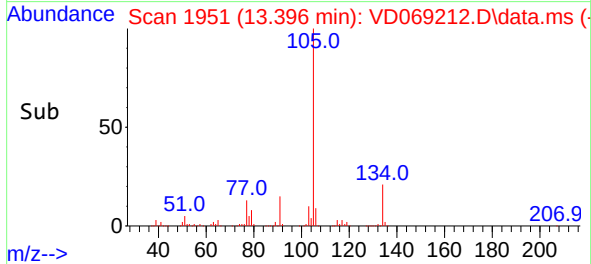
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



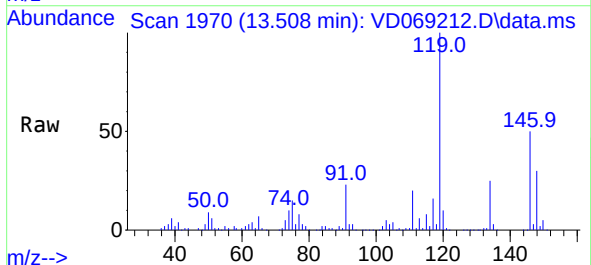
Tgt Ion:105 Resp: 320010
Ion Ratio Lower Upper
105 100
134 20.4 10.3 30.8

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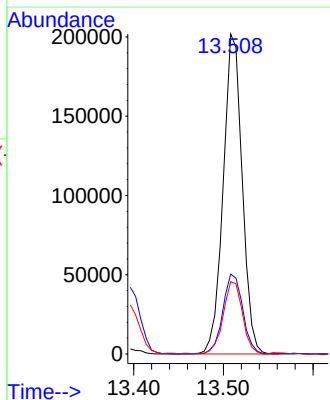
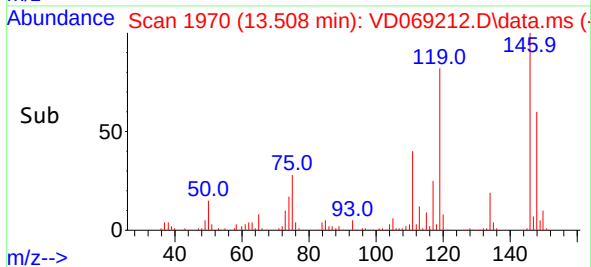
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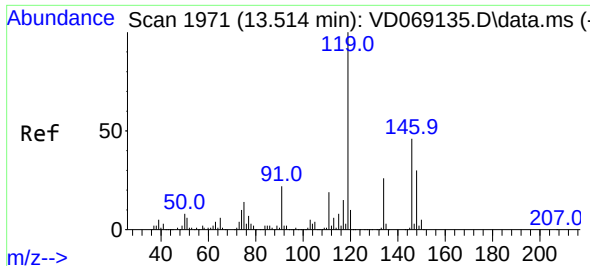


#86
p-Isopropyltoluene
Concen: 21.14 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



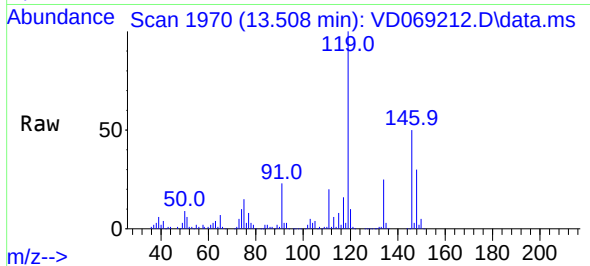
Tgt Ion:119 Resp: 296887
Ion Ratio Lower Upper
119 100
134 26.1 13.2 39.5
91 22.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 21.88 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

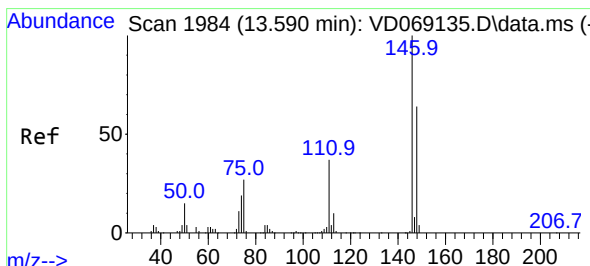
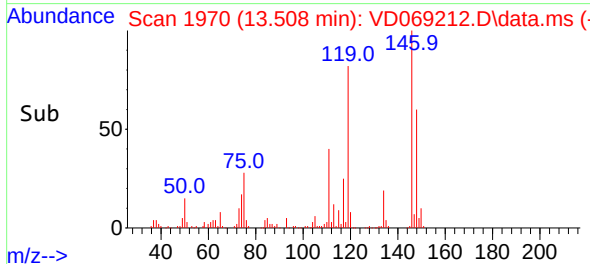
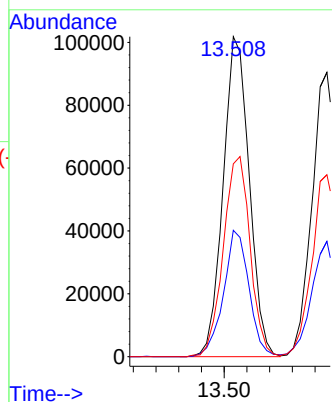
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01



Tgt Ion:146 Resp: 162565
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.6
148 64.3 31.6 94.8

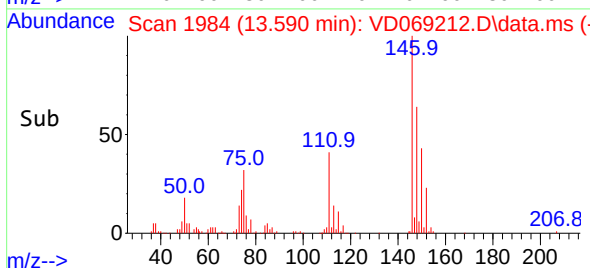
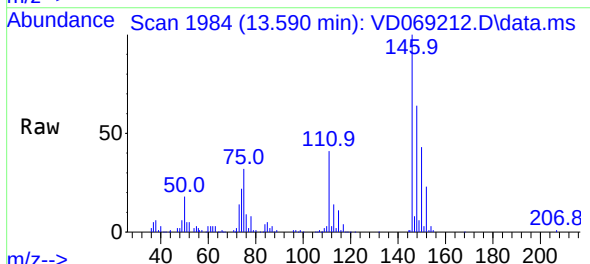
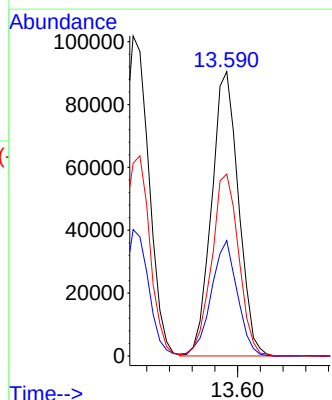
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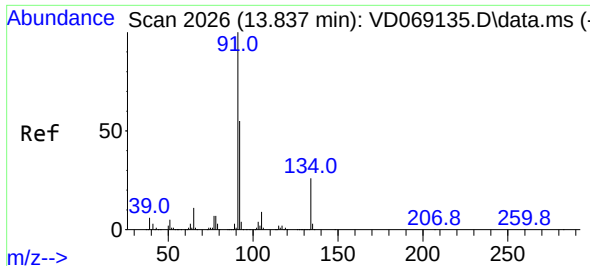
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#88
1,4-Dichlorobenzene
Concen: 20.21 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion:146 Resp: 148761
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 64.6 32.4 97.0





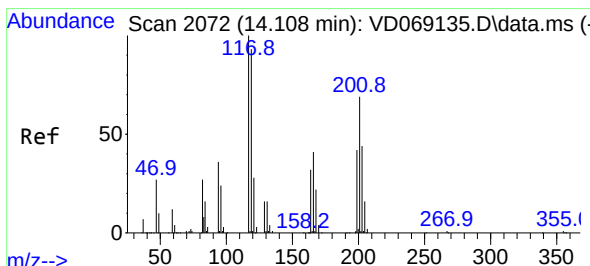
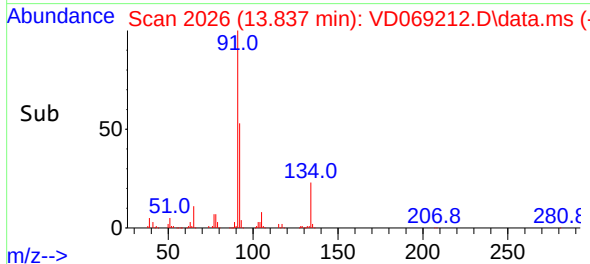
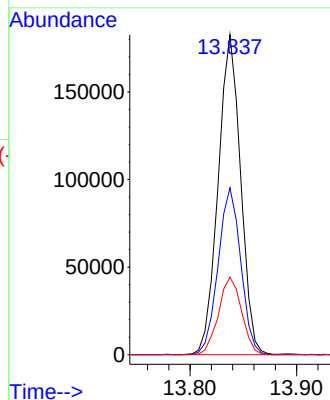
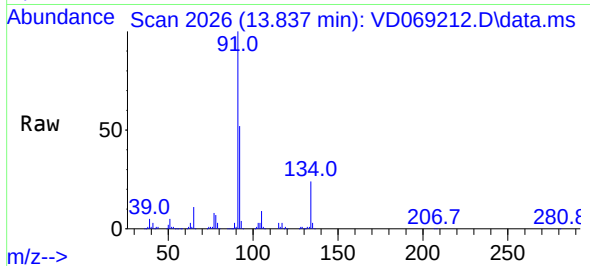
#89
n-Butylbenzene
Concen: 20.44 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 91 Resp: 267510
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 24.9 13.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

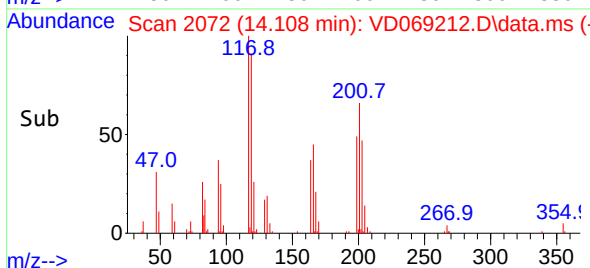
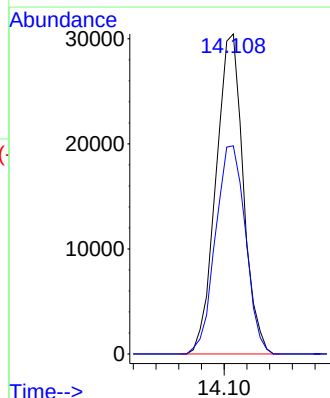
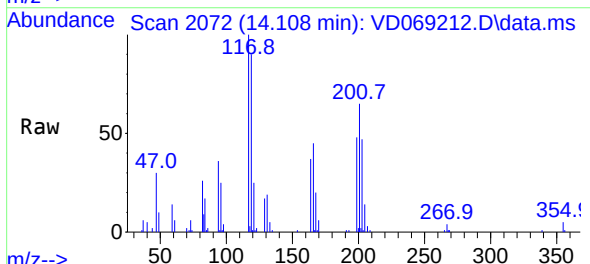
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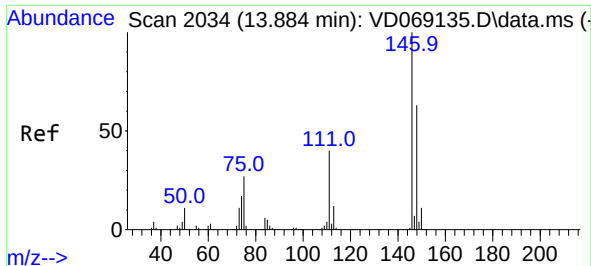
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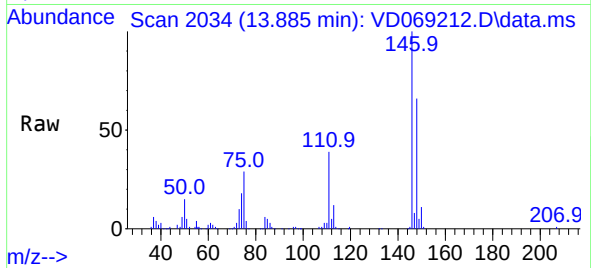
#90
Hexachloroethane
Concen: 19.32 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06

Tgt Ion: 117 Resp: 50840
Ion Ratio Lower Upper
117 100
201 71.7 35.4 106.1

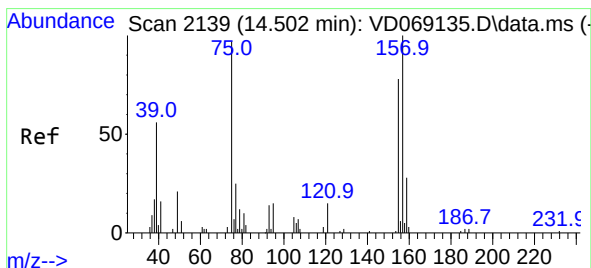
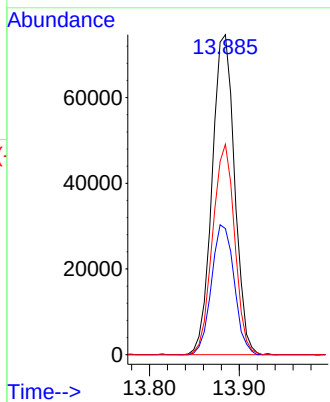
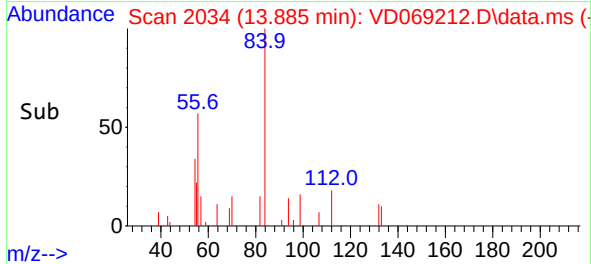




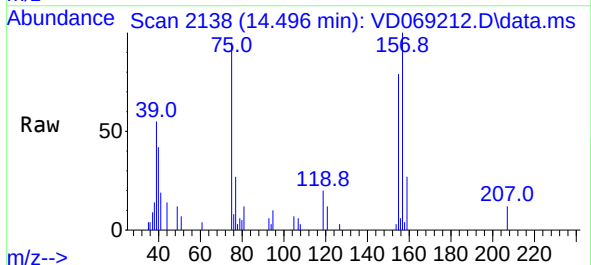
#91
1,2-Dichlorobenzene
Concen: 20.36 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



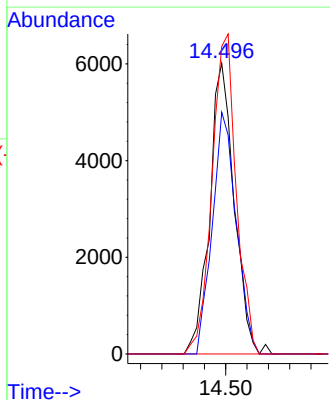
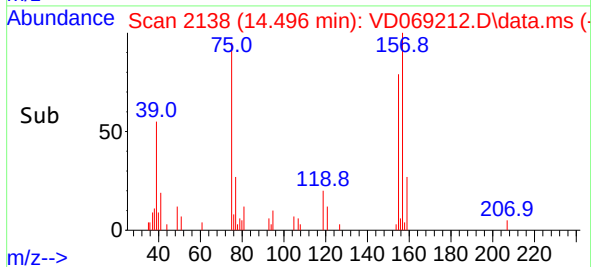
Tgt Ion:146 Resp: 129888
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.5 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.13 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



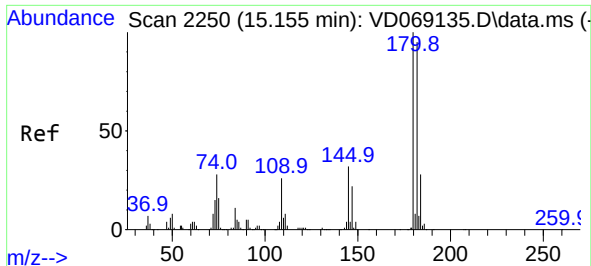
Tgt Ion: 75 Resp: 9631
Ion Ratio Lower Upper
75 100
155 81.0 43.9 131.7
157 109.0 54.9 164.7



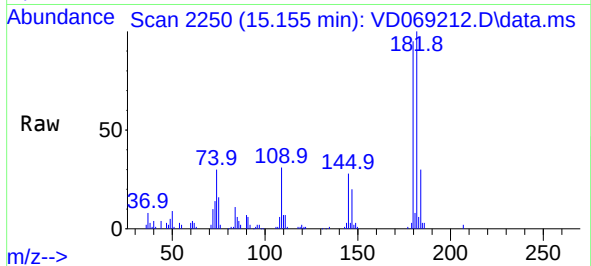
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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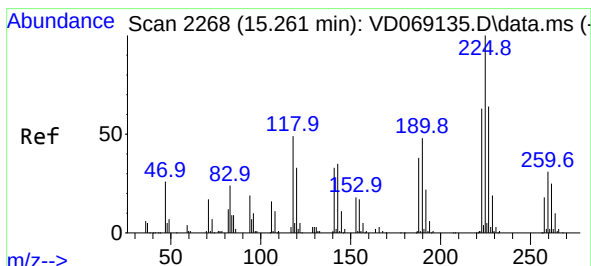
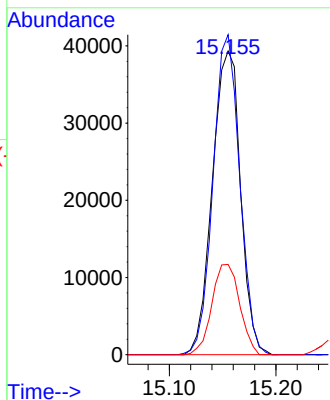
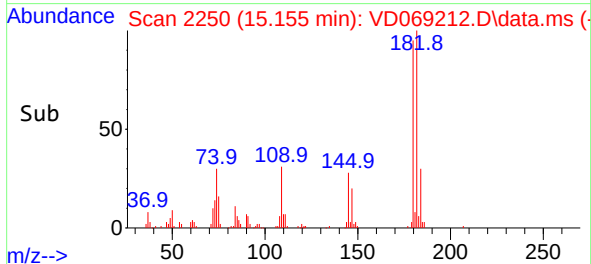
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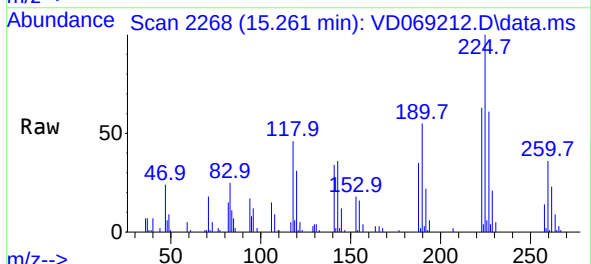
#93
1,2,4-Trichlorobenzene
Concen: 18.45 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



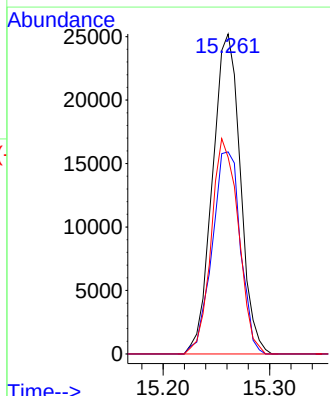
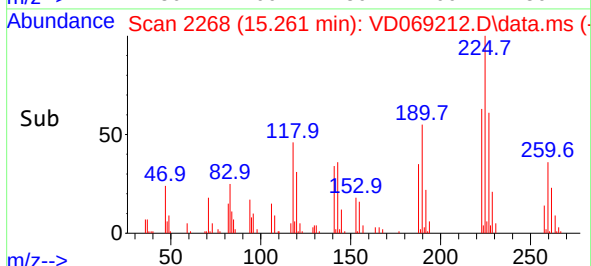
Tgt Ion:180 Resp: 72160
Ion Ratio Lower Upper
180 100
182 99.6 47.8 143.3
145 29.3 15.6 46.8



#94
Hexachlorobutadiene
Concen: 19.47 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



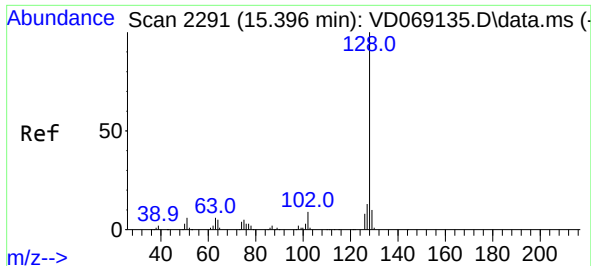
Tgt Ion:225 Resp: 45693
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.5
227 65.7 31.6 95.0



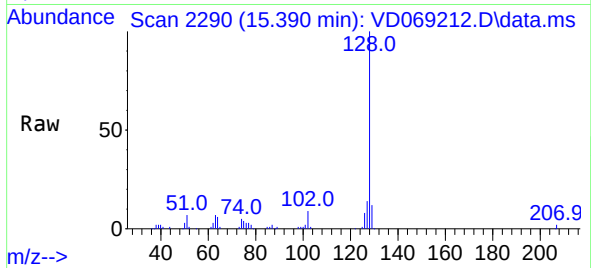
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

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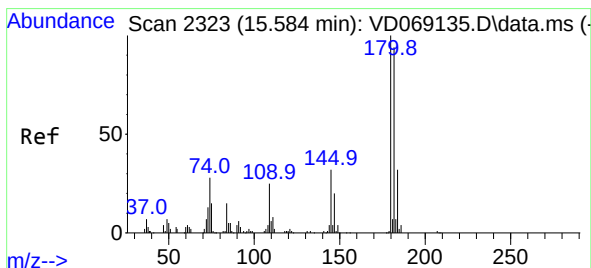
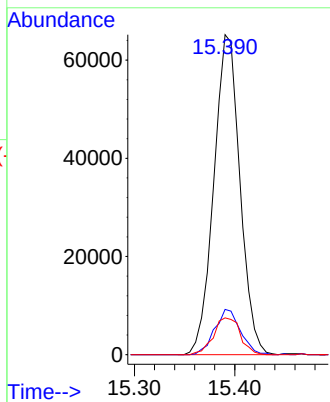
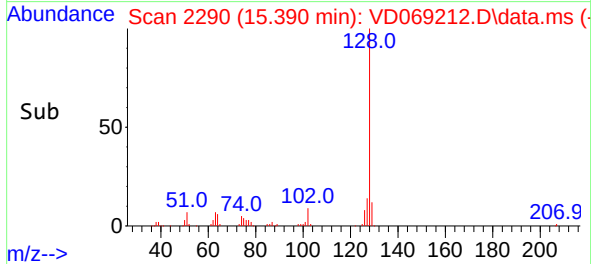
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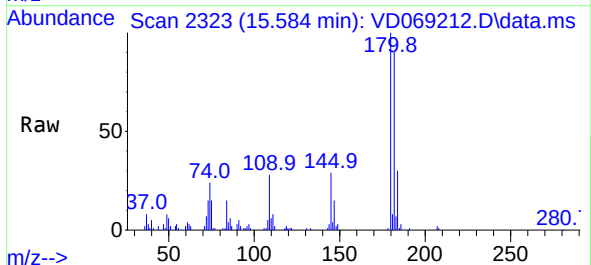
#95
Naphthalene
Concen: 17.65 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



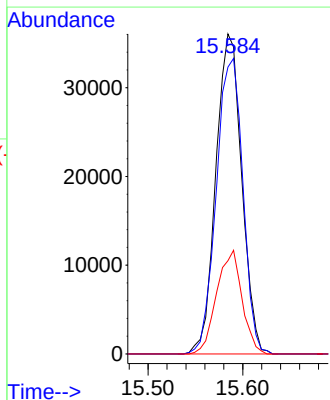
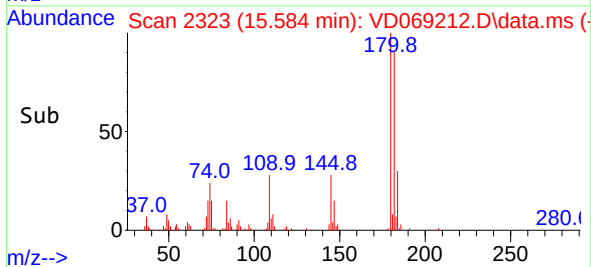
Tgt Ion:	128	Resp:	117905
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.5	15.7
129	11.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.44 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069212.D
Acq: 20 May 2021 12:06



Tgt Ion:	180	Resp:	68375
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.8	143.4
145	31.8	16.1	48.3



Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations
APPROVED

MMDadoda
5/21/2021 1:48:00 PM