

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069273.D
 Acq On : 25 May 2021 16:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:02 AM

Quant Time: May 26 01:06:06 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	7.973	168	251606	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	424005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	415823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	246952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131783	52.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.50%			
35) Dibromofluoromethane	7.908	113	137521	49.84	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.68%			
50) Toluene-d8	10.338	98	494521	48.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.56%			
62) 4-Bromofluorobenzene	12.626	95	164631	50.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.92%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	107261	40.10	ug/l	96
3) Chloromethane	2.209	50	153465	49.91	ug/l	97
4) Vinyl Chloride	2.344	62	192935	47.61	ug/l	99
5) Bromomethane	2.762	94	139186	45.66	ug/l	98
6) Chloroethane	2.920	64	133657	51.27	ug/l	99
7) Trichlorofluoromethane	3.267	101	228103	46.14	ug/l	99
8) Diethyl Ether	3.709	74	64347	57.01	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	133356	47.60	ug/l	96
10) Methyl Iodide	4.297	142	121855	41.94	ug/l	99
11) Tert butyl alcohol	5.214	59	45029	360.51	ug/l	95
12) 1,1-Dichloroethene	4.061	96	123864	49.21	ug/l	97
13) Acrolein	3.920	56	46649	227.31	ug/l	100
14) Allyl chloride	4.709	41	149227	54.04	ug/l	94
15) Acrylonitrile	5.414	53	126598	300.54	ug/l	99
16) Acetone	4.156	43	95963	248.41	ug/l	96
17) Carbon Disulfide	4.403	76	394078	47.22	ug/l	95
18) Methyl Acetate	4.709	43	59004	62.86	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	263971	57.79	ug/l	98
20) Methylene Chloride	4.961	84	184498	60.63	ug/l	96
21) trans-1,2-Dichloroethene	5.461	96	149921	50.23	ug/l	96
22) Diisopropyl ether	6.361	45	328442	59.55	ug/l	96
23) Vinyl Acetate	6.303	43	1003828	308.42	ug/l	98
24) 1,1-Dichloroethane	6.255	63	257346	54.02	ug/l	98
25) 2-Butanone	7.208	43	155917	297.85	ug/l #	88
26) 2,2-Dichloropropane	7.202	77	225140	50.53	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	175052	54.02	ug/l	96
28) Bromochloromethane	7.544	49	96183	56.63	ug/l	96
29) Tetrahydrofuran	7.555	42	89325	313.90	ug/l	97
30) Chloroform	7.702	83	289429	53.96	ug/l	94
31) Cyclohexane	7.979	56	168350	45.04	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	251809	51.74	ug/l	99
36) 1,1-Dichloropropene	8.108	75	202448	49.11	ug/l	98
37) Ethyl Acetate	7.285	43	76198	57.53	ug/l #	95
38) Carbon Tetrachloride	8.091	117	219672	47.67	ug/l	97
39) Methylcyclohexane	9.349	83	200105	46.02	ug/l	96
40) Benzene	8.344	78	606668	51.38	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33962	48.17	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	173762	53.89	ug/l	99
43) Isopropyl Acetate	8.450	43	137415	57.13	ug/l	99
44) Trichloroethene	9.108	130	161435	48.92	ug/l	98
45) 1,2-Dichloropropane	9.385	63	151360	54.31	ug/l	99
46) Dibromomethane	9.467	93	90972	54.60	ug/l	98
47) Bromodichloromethane	9.661	83	227403	53.64	ug/l	99
48) Methyl methacrylate	9.449	41	61443	55.25	ug/l	95
49) 1,4-Dioxane	9.455	88	18827	1160.48	ug/l	88
51) 4-Methyl-2-Pentanone	10.226	43	381244	308.10	ug/l	100
52) Toluene	10.396	92	404876	53.13	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	199951	53.67	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	236940	53.21	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	124020	55.23	ug/l	98
56) Ethyl methacrylate	10.655	69	137002	55.77	ug/l	99
57) 1,3-Dichloropropane	10.943	76	201164	55.43	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	349599	314.49	ug/l	98
59) 2-Hexanone	10.979	43	256001	310.03	ug/l	97
60) Dibromochloromethane	11.138	129	161744	56.08	ug/l	98
61) 1,2-Dibromoethane	11.243	107	119592	53.89	ug/l	97
64) Tetrachloroethene	10.873	164	133148	46.07	ug/l	96
65) Chlorobenzene	11.667	112	435380	50.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	164924	50.75	ug/l	98
67) Ethyl Benzene	11.743	91	757389	51.06	ug/l	97
68) m/p-Xylenes	11.849	106	590827	101.65	ug/l	98
69) o-Xylene	12.179	106	270209	52.28	ug/l	100
70) Styrene	12.190	104	489390	54.24	ug/l	98
71) Bromoform	12.355	173	89274	52.81	ug/l #	100
73) Isopropylbenzene	12.473	105	719345	41.68	ug/l	100
74) N-amyl acetate	12.285	43	134339	47.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	142961	45.71	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	101306m	54.57	ug/l	
77) Bromobenzene	12.755	156	176807	43.17	ug/l	98
78) n-propylbenzene	12.814	91	876016	42.06	ug/l	100
79) 2-Chlorotoluene	12.902	91	494003	42.63	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	616398	43.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	41407	45.06	ug/l	96
82) 4-Chlorotoluene	13.002	91	521322	42.23	ug/l	99
83) tert-Butylbenzene	13.220	119	594638	50.14	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	717211	50.09	ug/l	99
85) sec-Butylbenzene	13.396	105	862191	48.35	ug/l	100
86) p-Isopropyltoluene	13.508	119	770153	49.15	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	407282	49.13	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	401884	48.95	ug/l	98
89) n-Butylbenzene	13.837	91	700123	47.96	ug/l	100
90) Hexachloroethane	14.102	117	139288	47.44	ug/l	100
91) 1,2-Dichlorobenzene	13.884	146	358927	50.42	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	25483	52.49	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	208701	47.84	ug/l	99
94) Hexachlorobutadiene	15.261	225	118269	45.17	ug/l	99
95) Naphthalene	15.390	128	392748	48.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	187147	50.14	ug/l	99

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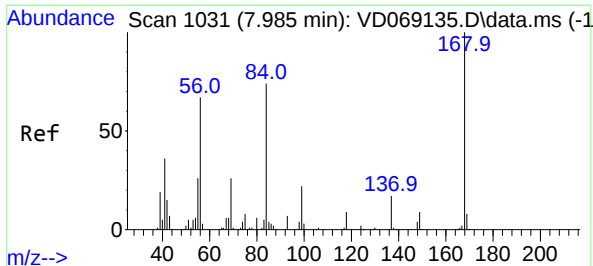
Manual Integrations
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Response via : Initial Calibration

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



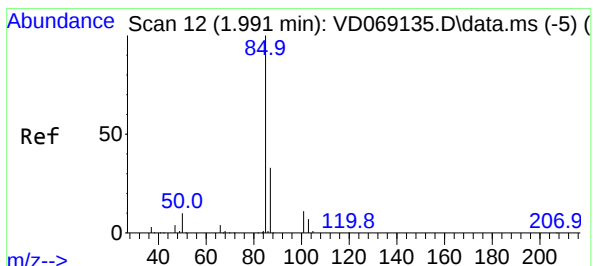
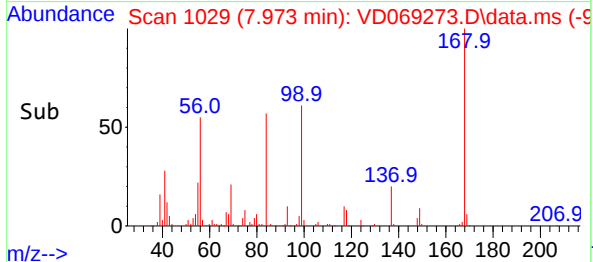
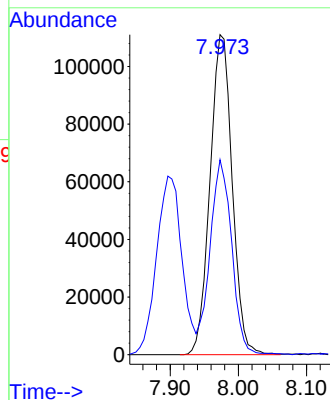
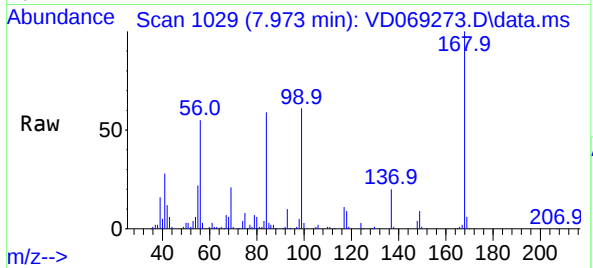
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 168 Resp: 251606
Ion Ratio Lower Upper
168 100
99 60.6 47.2 70.8

Instrument :
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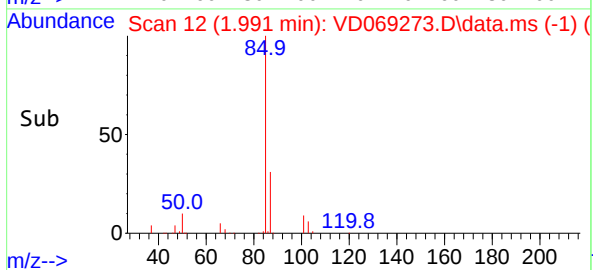
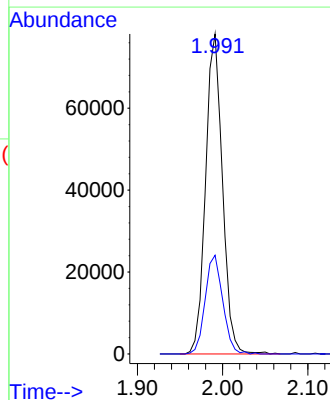
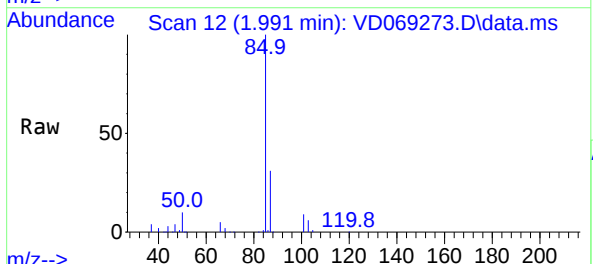
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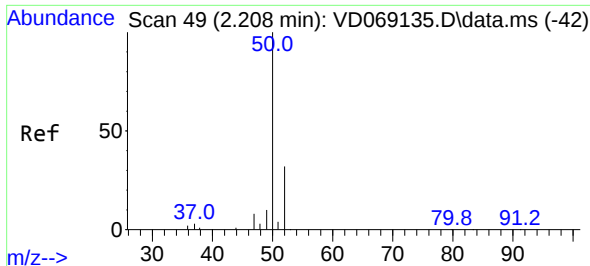
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#2
Dichlorodifluoromethane
Concen: 40.10 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 85 Resp: 107261
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





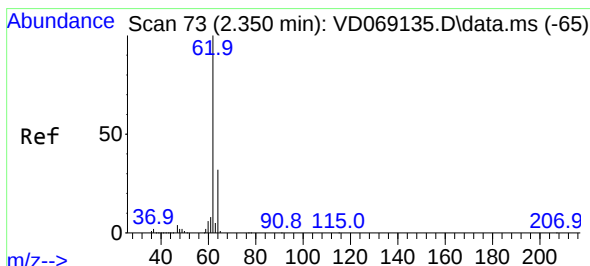
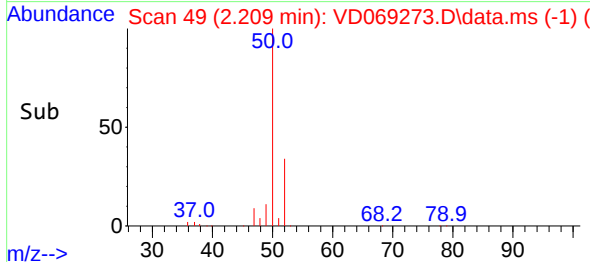
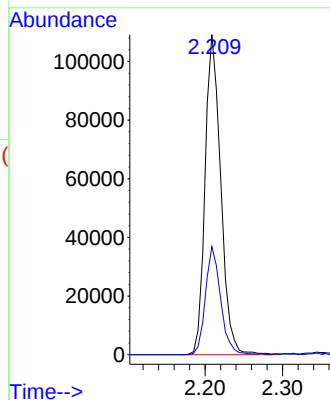
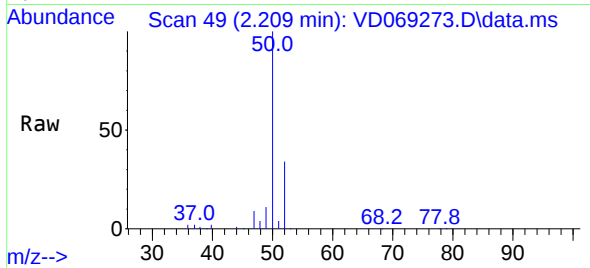
#3
Chloromethane
Concen: 49.91 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 50 Resp: 153465
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8

Instrument :
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ClientSampleId :
VSTDCCC050EC

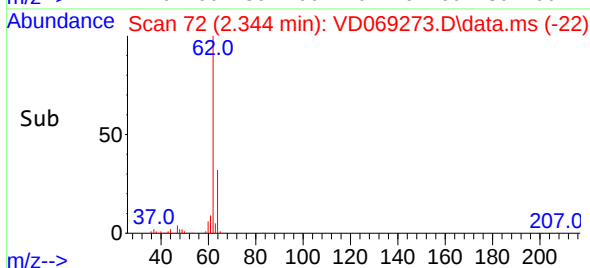
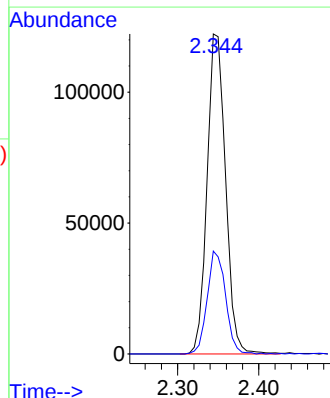
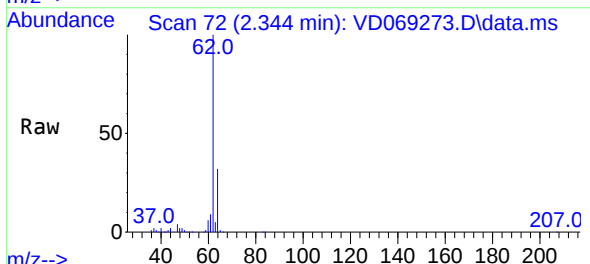
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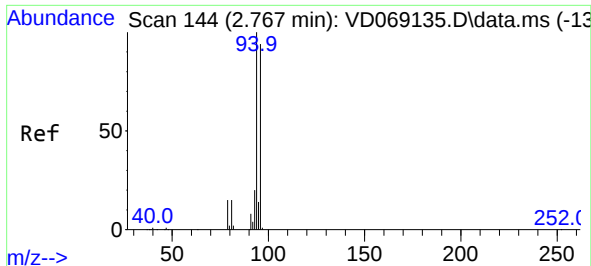
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#4
Vinyl Chloride
Concen: 47.61 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 62 Resp: 192935
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





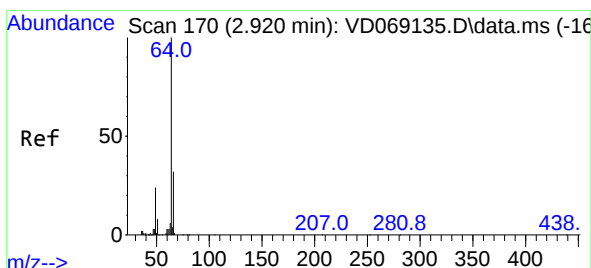
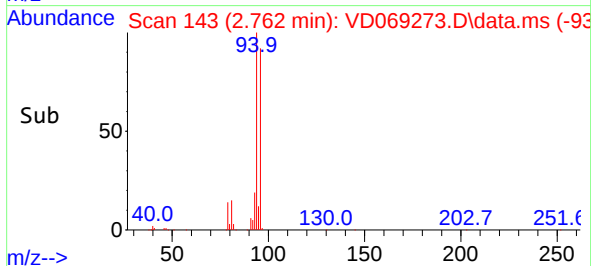
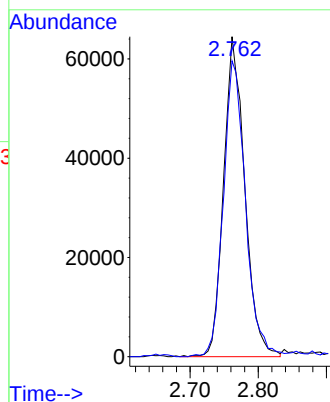
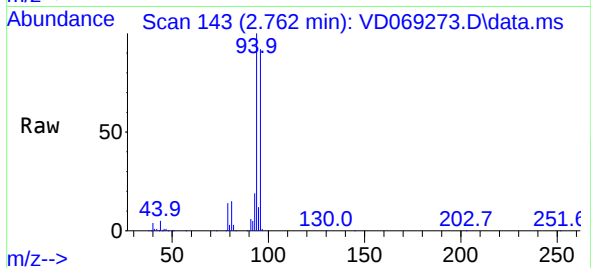
#5
Bromomethane
Concen: 45.66 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 94 Resp: 139186
Ion Ratio Lower Upper
94 100
96 92.5 75.4 113.0

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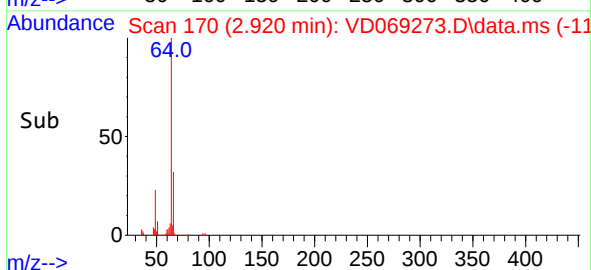
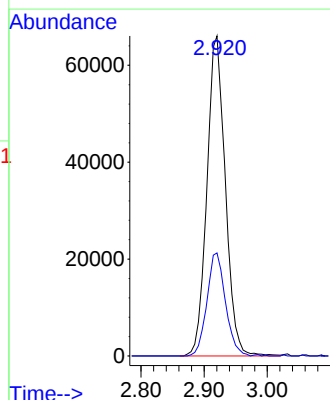
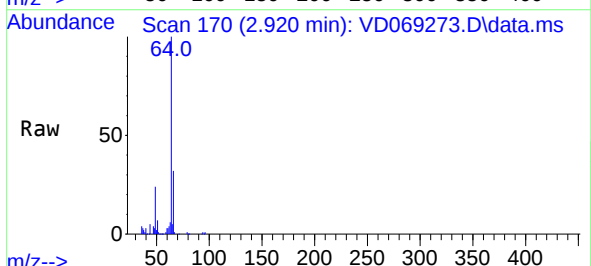
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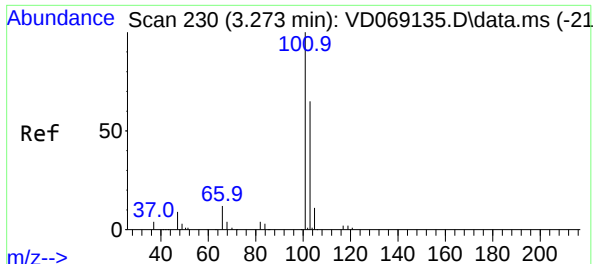
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#6
Chloroethane
Concen: 51.27 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 64 Resp: 133657
Ion Ratio Lower Upper
64 100
66 32.2 25.2 37.8





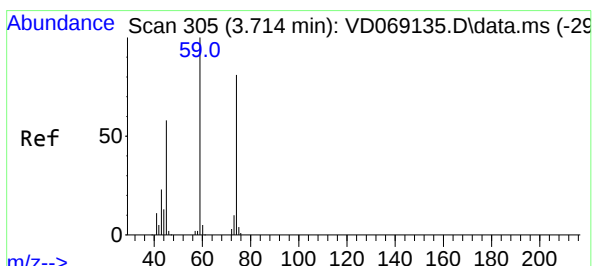
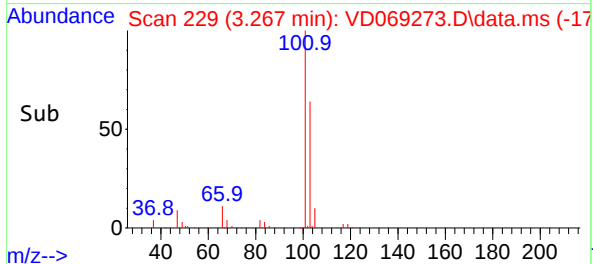
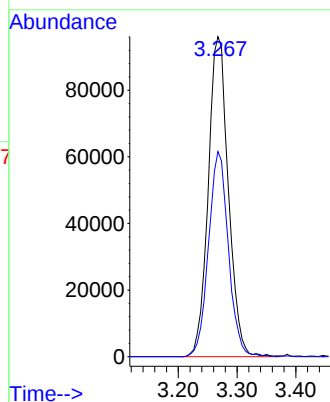
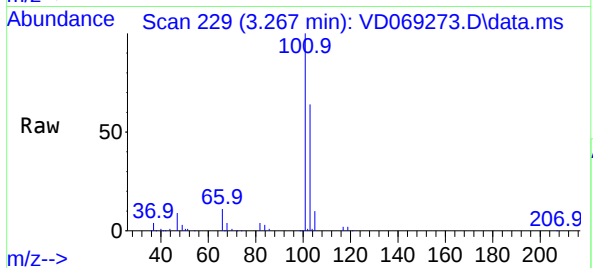
#7
Trichlorofluoromethane
Concen: 46.14 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:101 Resp: 228103
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

Instrument :
MSVOA_D
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VSTDCCC050EC

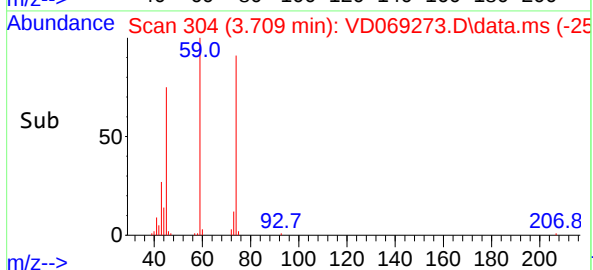
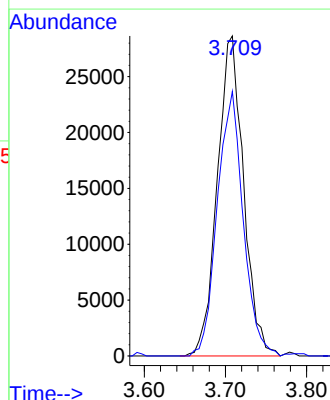
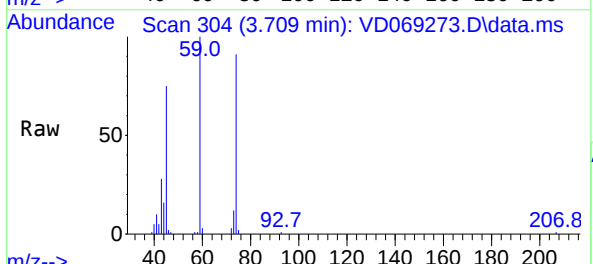
Manual Integrations
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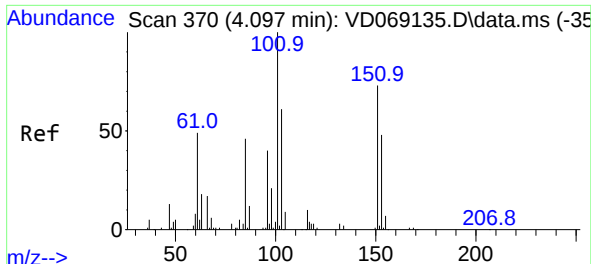
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#8
Diethyl Ether
Concen: 57.01 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 74 Resp: 64347
Ion Ratio Lower Upper
74 100
45 81.6 38.1 114.5





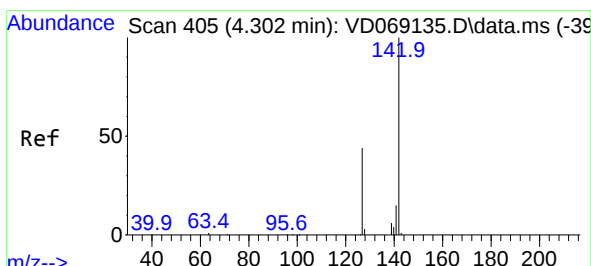
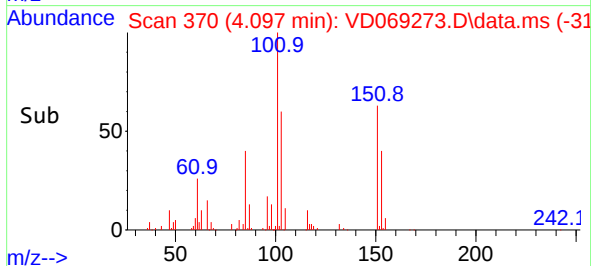
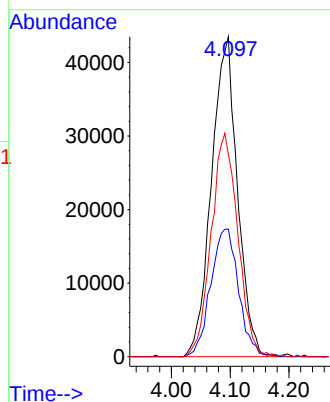
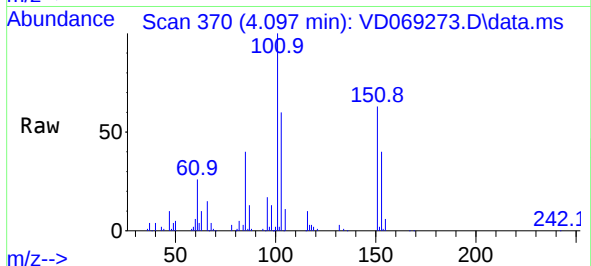
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.60 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:101 Resp: 133356
Ion Ratio Lower Upper
101 100
85 42.9 35.2 52.8
151 71.5 60.6 91.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

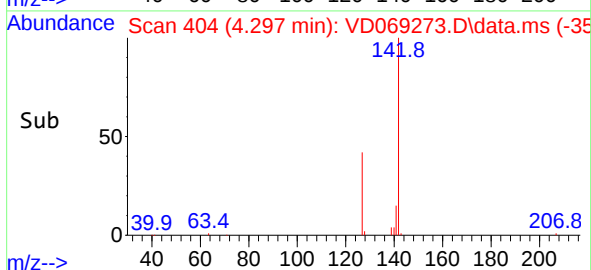
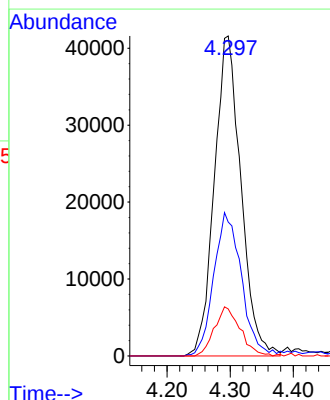
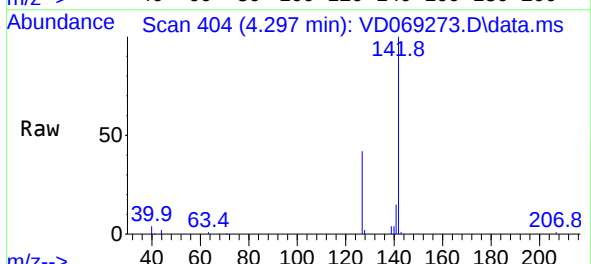
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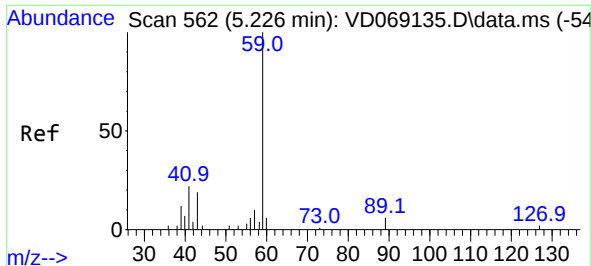
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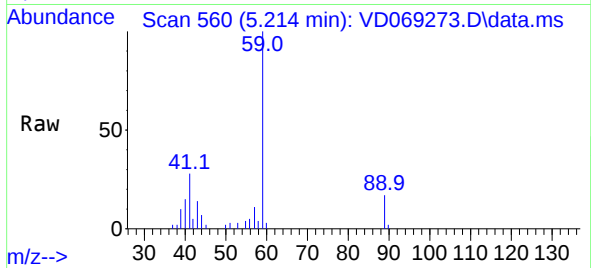
#10
Methyl Iodide
Concen: 41.94 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:142 Resp: 121855
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.8 12.2 18.4

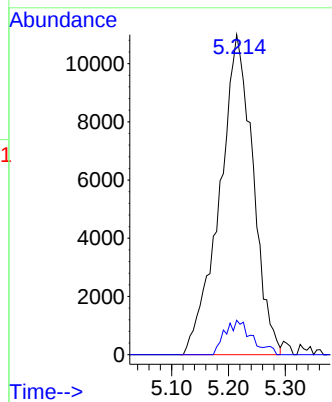
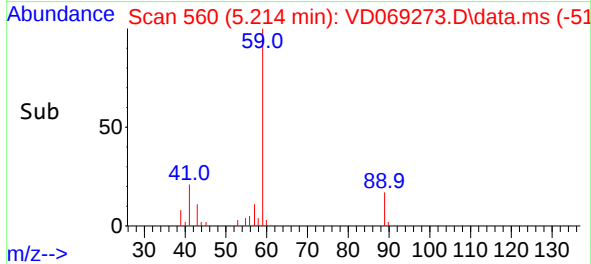




#11
Tert butyl alcohol
Concen: 360.51 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



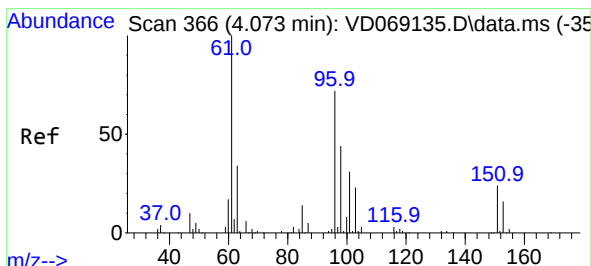
Tgt Ion: 59 Resp: 45029
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.8



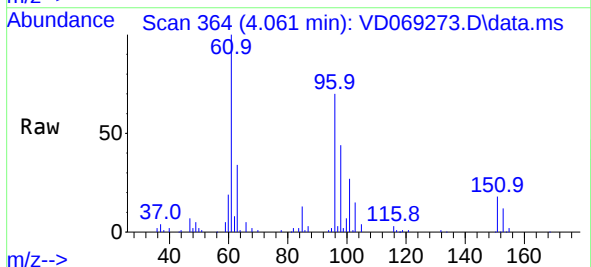
Instrument :
MSVOA_D
ClientSampleId :
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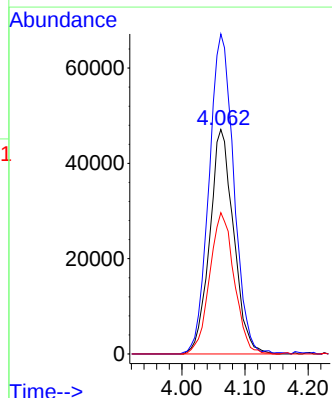
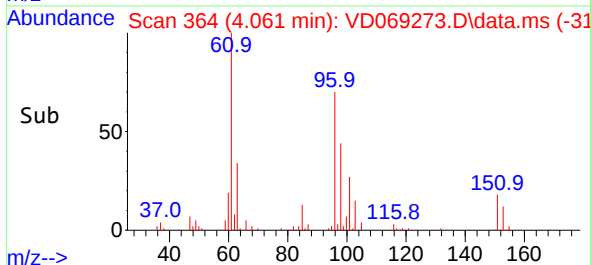
MMDadoda
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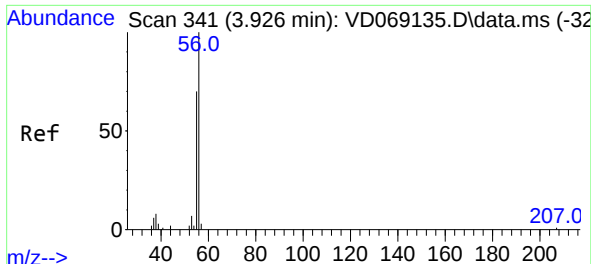


#12
1,1-Dichloroethene
Concen: 49.21 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



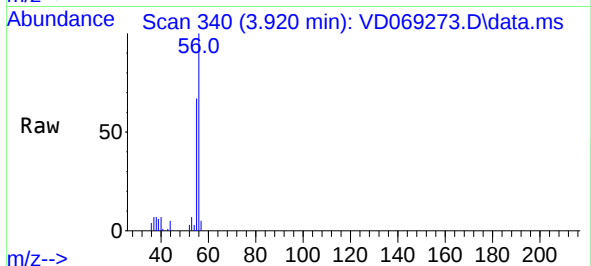
Tgt Ion: 96 Resp: 123864
Ion Ratio Lower Upper
96 100
61 142.5 111.1 166.7
98 63.0 48.4 72.6





#13
Acrolein
Concen: 227.31 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

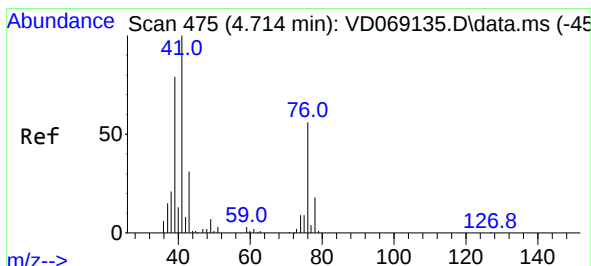
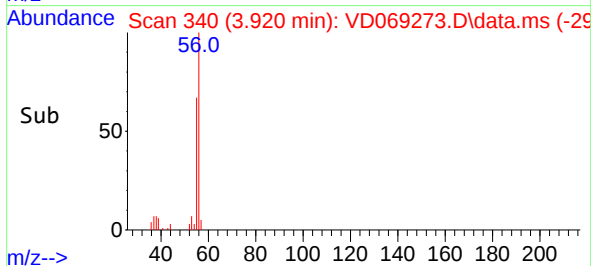
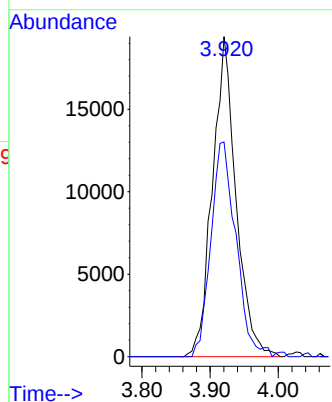
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 46649
Ion Ratio Lower Upper
56 100
55 71.3 56.9 85.3

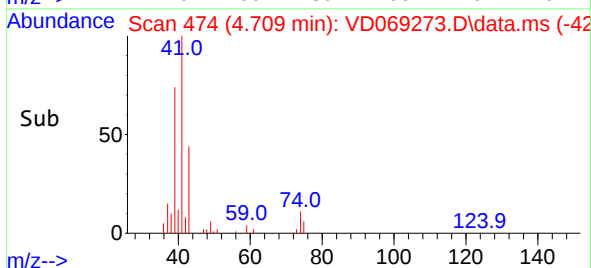
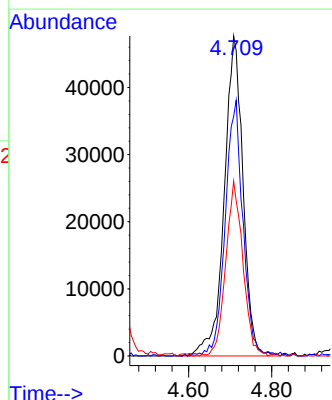
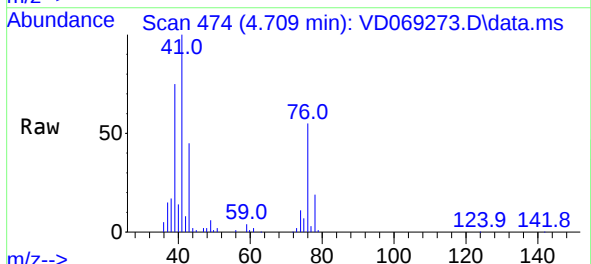
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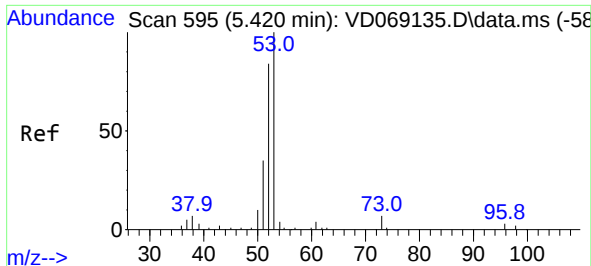
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#14
Allyl chloride
Concen: 54.04 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 41 Resp: 149227
Ion Ratio Lower Upper
41 100
39 75.2 64.3 96.5
76 50.0 43.6 65.4





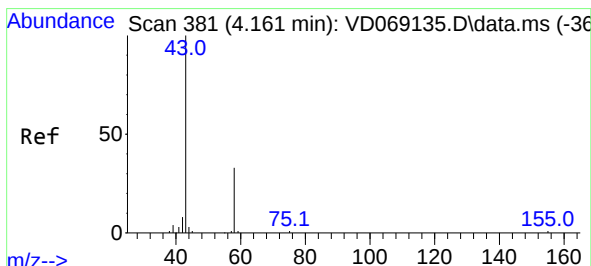
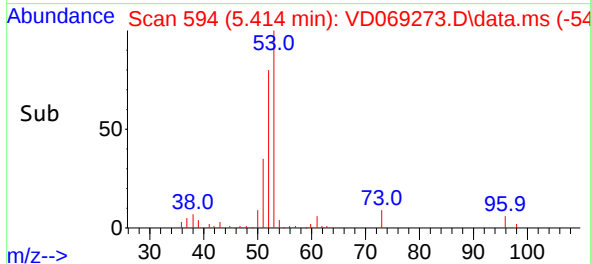
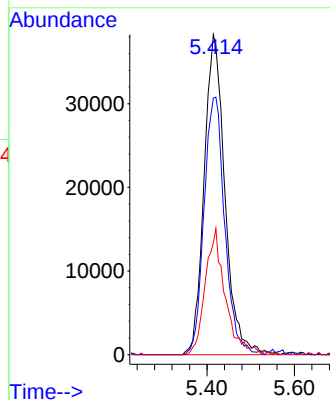
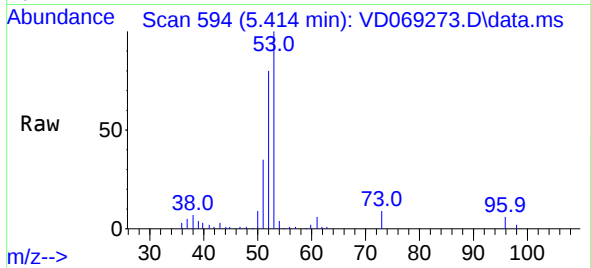
#15
Acrylonitrile
Concen: 300.54 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	53	Resp:	126598
Ion	Ratio	Lower	Upper
53	100		
52	79.9	64.5	96.7
51	37.7	30.4	45.6

Instrument :
MSVOA_D
ClientSampleId :
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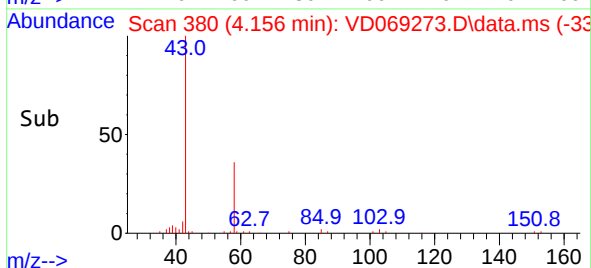
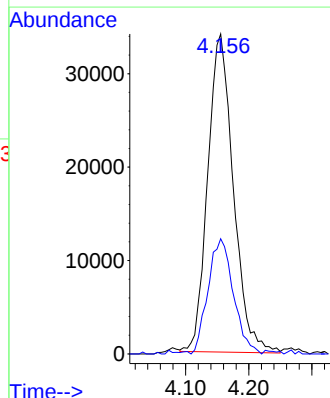
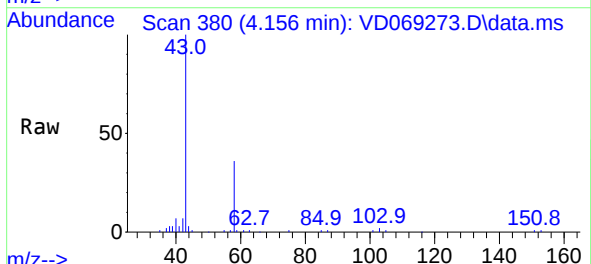
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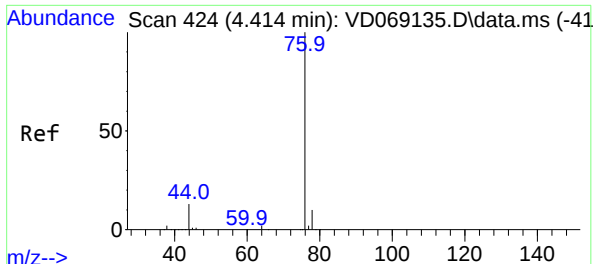
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#16
Acetone
Concen: 248.41 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	43	Resp:	95963
Ion	Ratio	Lower	Upper
43	100		
58	35.8	26.7	40.1





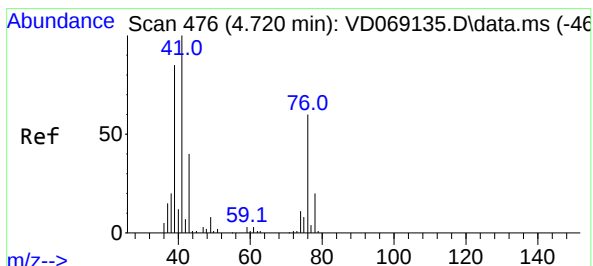
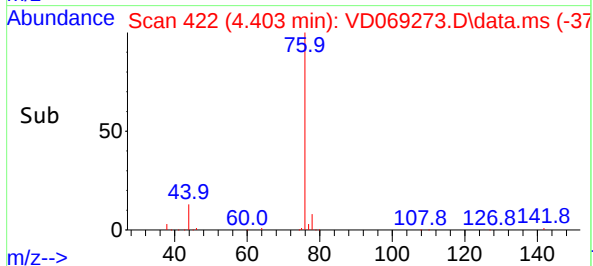
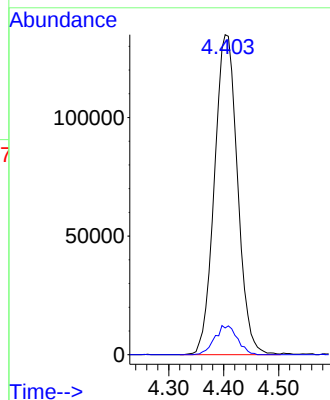
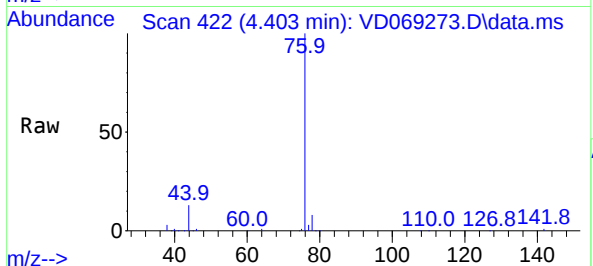
#17
Carbon Disulfide
Concen: 47.22 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 76 Resp: 394078
Ion Ratio Lower Upper
76 100
78 8.3 8.1 12.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

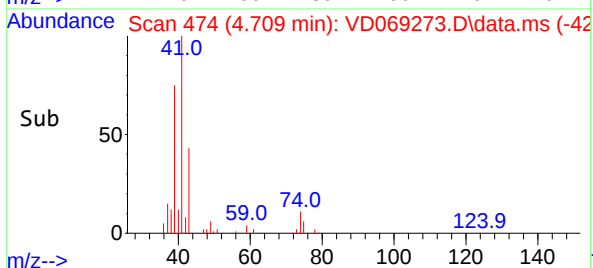
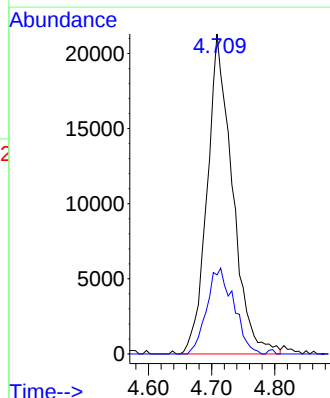
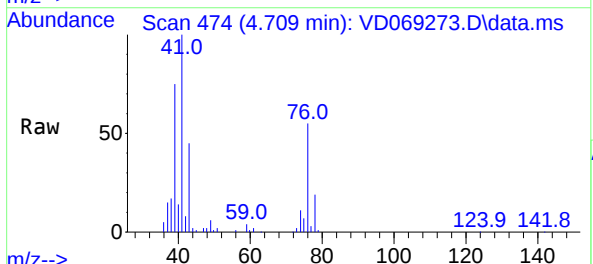
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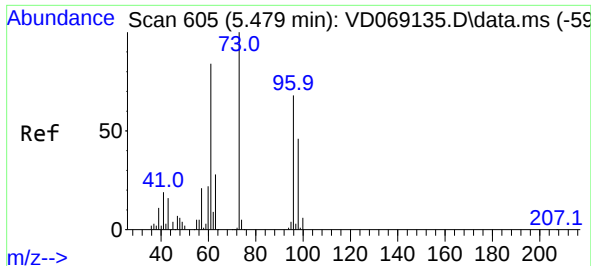
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#18
Methyl Acetate
Concen: 62.86 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 43 Resp: 59004
Ion Ratio Lower Upper
43 100
74 28.7 23.8 35.6





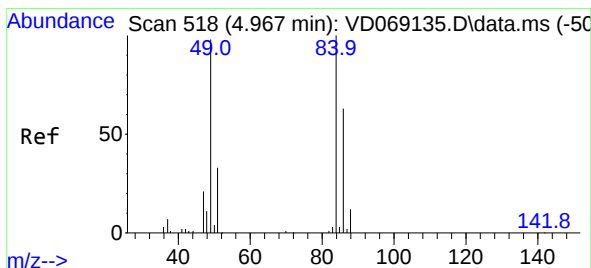
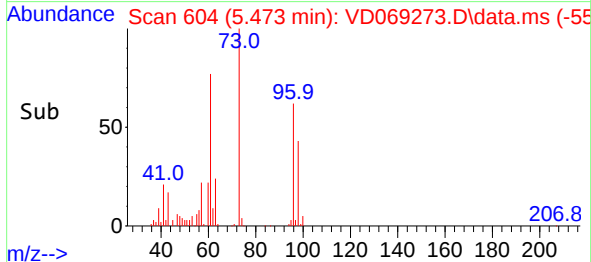
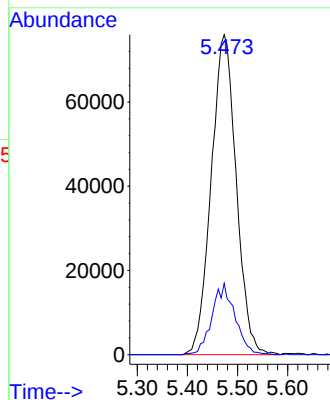
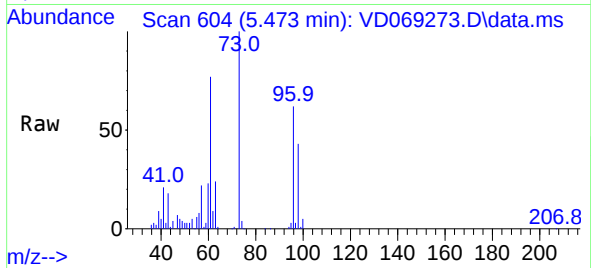
#19
Methyl tert-butyl Ether
Concen: 57.79 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 73 Resp: 263971
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

Instrument :
MSVOA_D
ClientSampleId :
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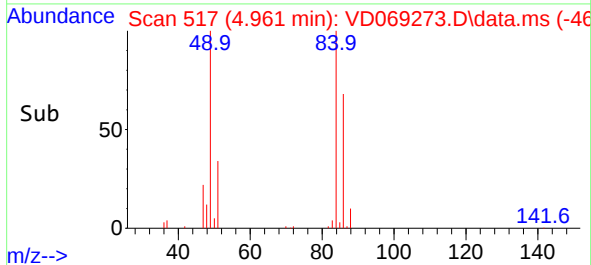
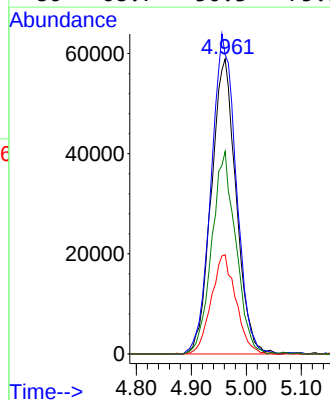
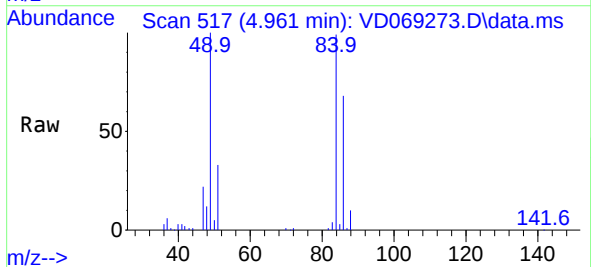
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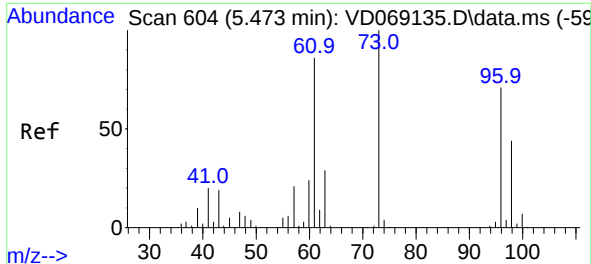
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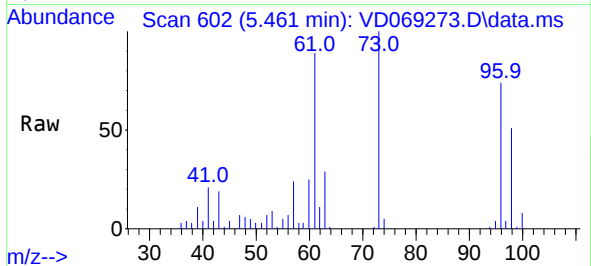
#20
Methylene Chloride
Concen: 60.63 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 84 Resp: 184498
Ion Ratio Lower Upper
84 100
49 101.4 78.6 117.8
51 33.6 26.7 40.1
86 68.7 50.3 75.5

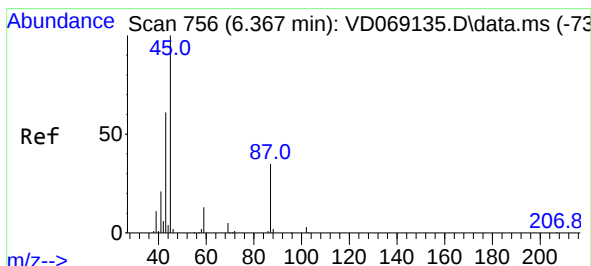
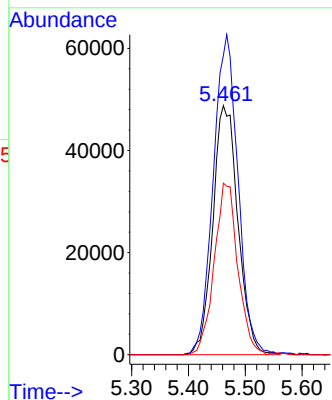
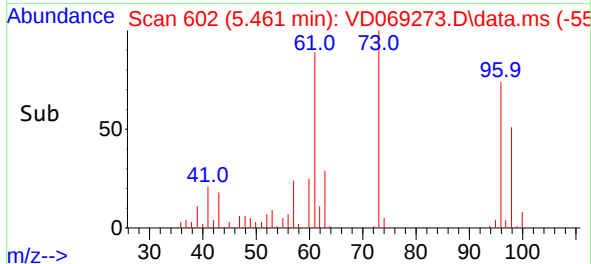




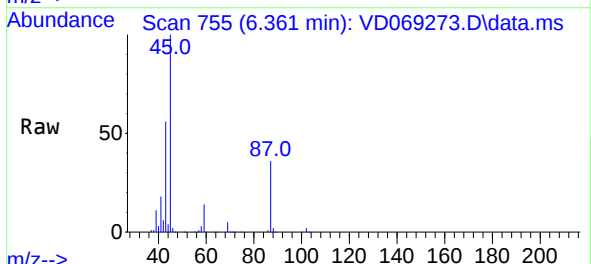
#21
trans-1,2-Dichloroethene
Concen: 50.23 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



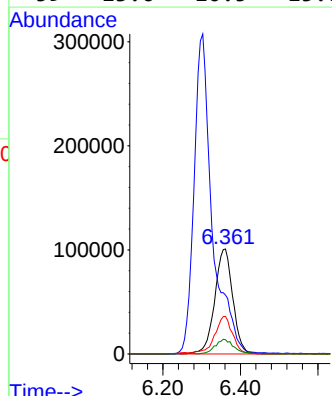
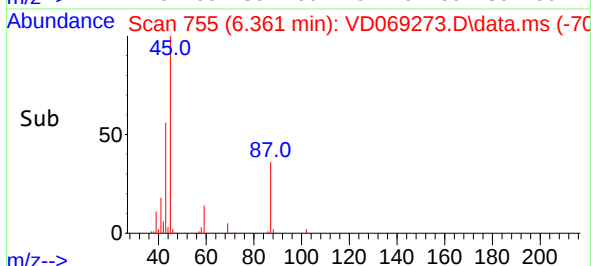
Tgt Ion: 96 Resp: 149921
Ion Ratio Lower Upper
96 100
61 120.2 97.7 146.5
98 68.8 49.4 74.2



#22
Diisopropyl ether
Concen: 59.55 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



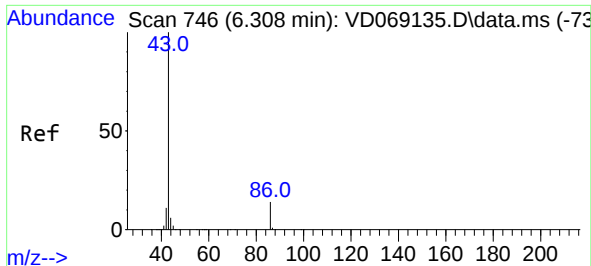
Tgt Ion: 45 Resp: 328442
Ion Ratio Lower Upper
45 100
43 55.5 48.6 73.0
87 35.6 28.5 42.7
59 13.6 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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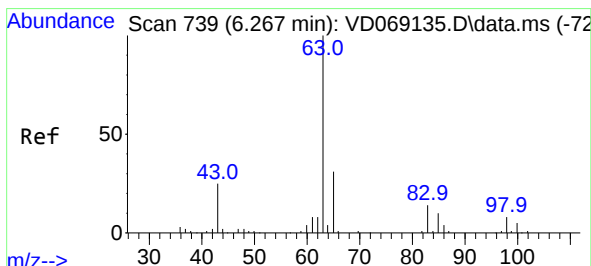
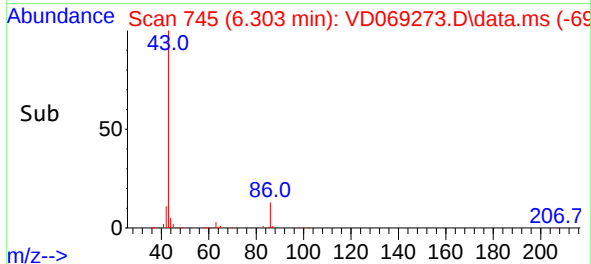
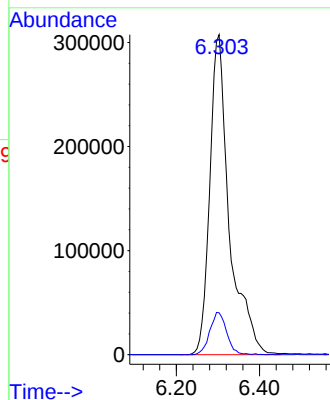
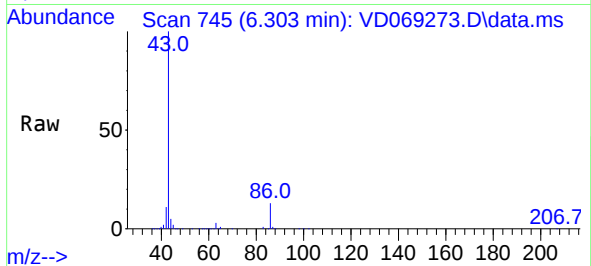
#23
Vinyl Acetate
Concen: 308.42 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 43 Resp: 1003828
Ion Ratio Lower Upper
43 100
86 13.1 11.1 16.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

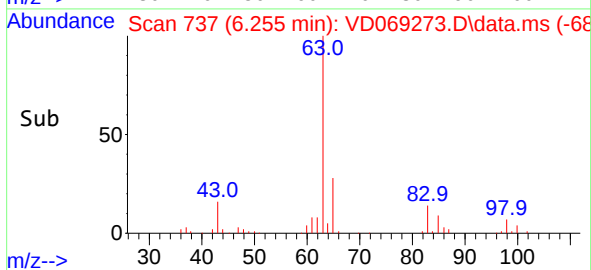
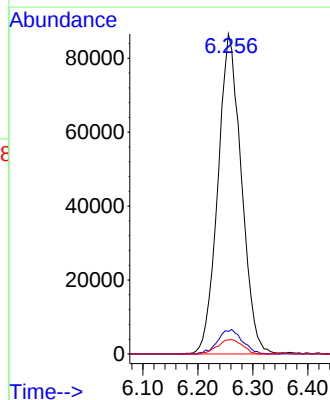
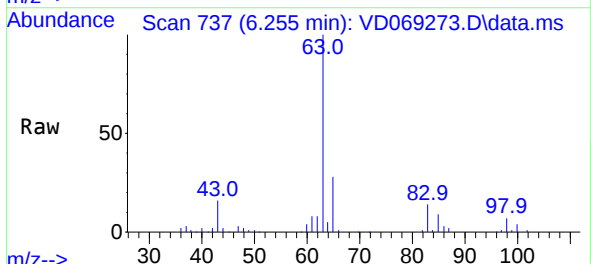
Manual Integrations
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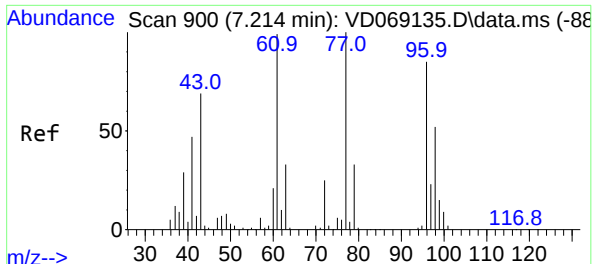
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#24
1,1-Dichloroethane
Concen: 54.02 ug/l
RT: 6.255 min Scan# 737
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 63 Resp: 257346
Ion Ratio Lower Upper
63 100
98 7.1 3.9 11.5
100 4.4 2.5 7.6





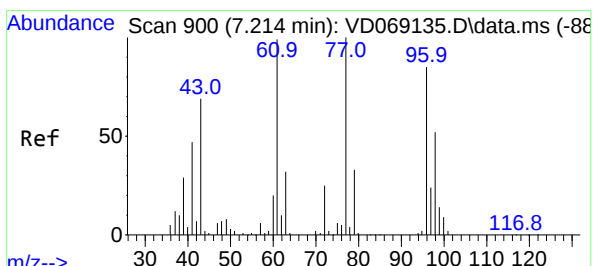
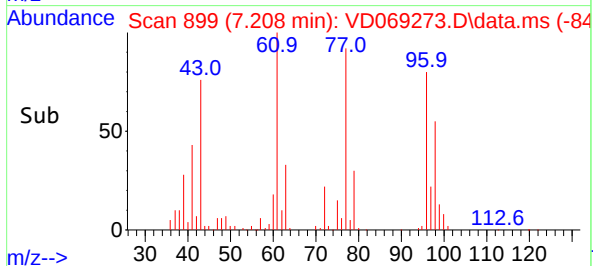
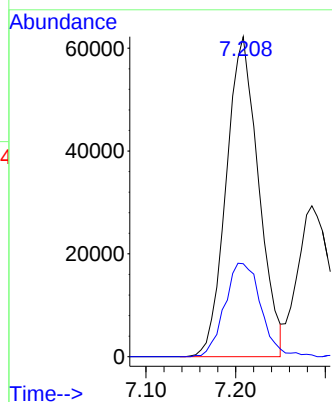
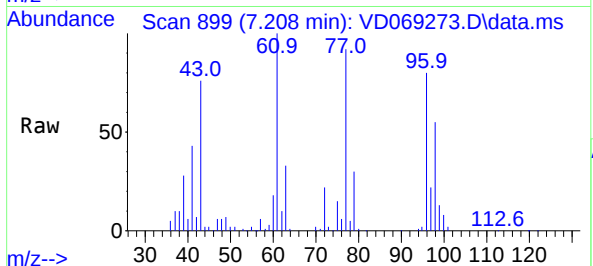
#25
2-Butanone
Concen: 297.85 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 155917
Ion Ratio Lower Upper
43 100
72 29.1 29.1 43.7#

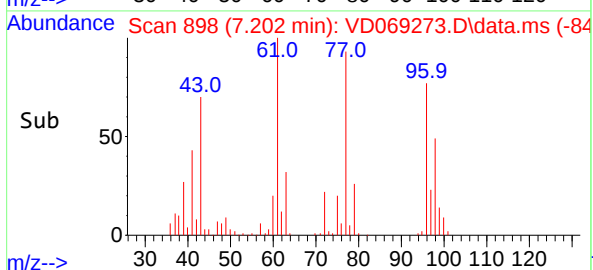
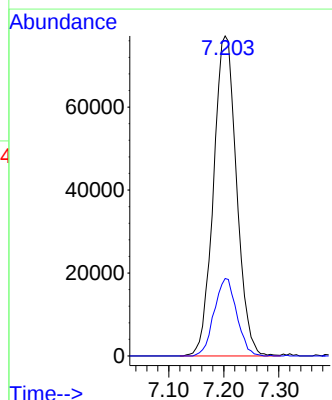
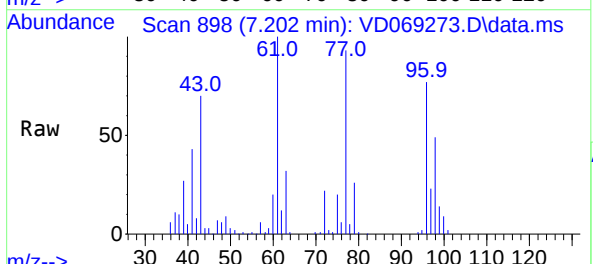
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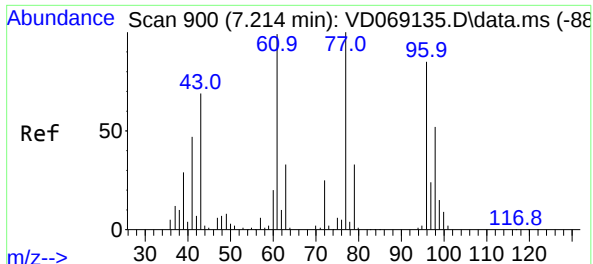
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#26
2,2-Dichloropropane
Concen: 50.53 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 77 Resp: 225140
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27

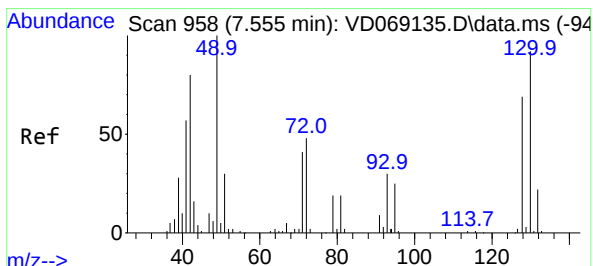
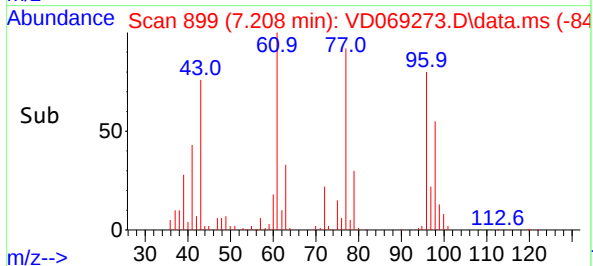
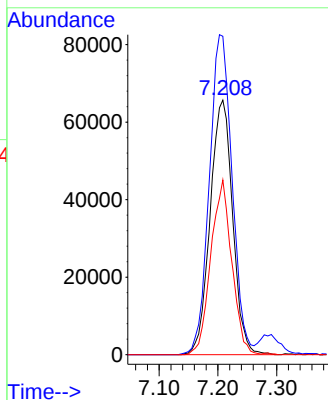
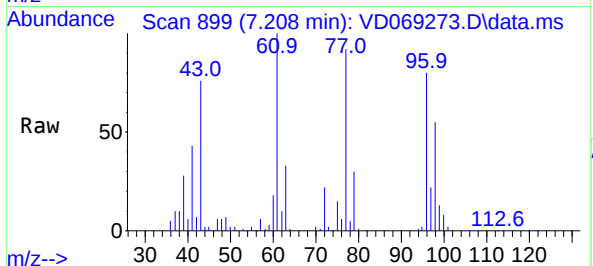
cis-1,2-Dichloroethene
Concen: 54.02 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 96 Resp: 175052
Ion Ratio Lower Upper
96 100
61 127.2 0.0 263.8
98 63.7 0.0 132.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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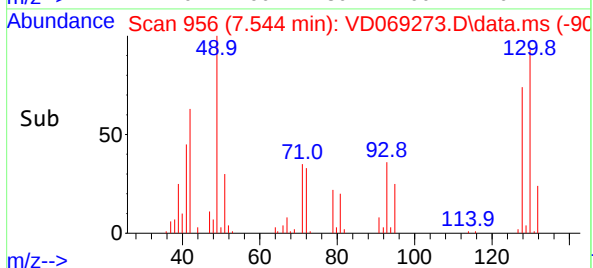
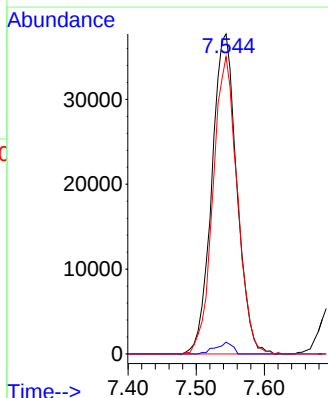
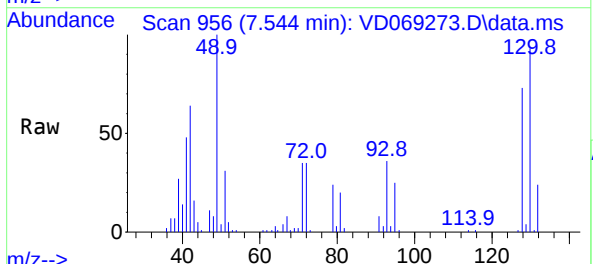
MMDadoda
5/27/2021 10:29:02 AM

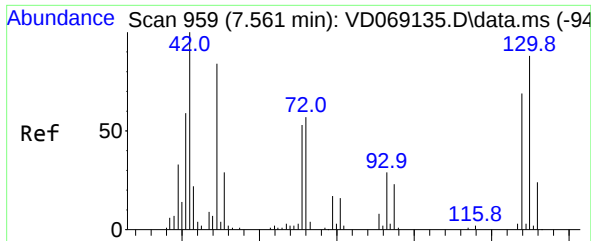


#28

Bromochloromethane
Concen: 56.63 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.011 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 49 Resp: 96183
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.4
130 90.4 75.8 113.6





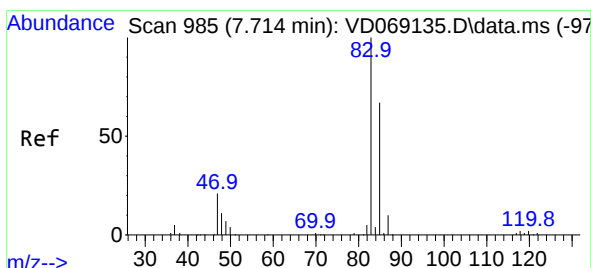
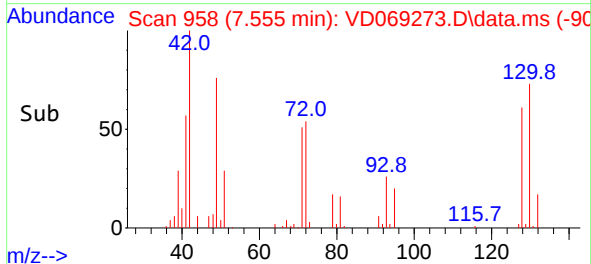
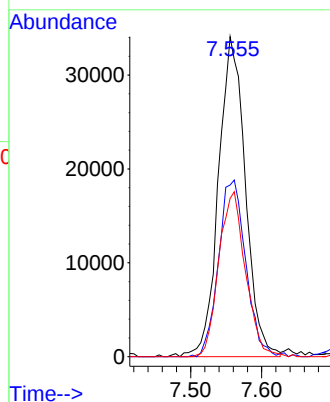
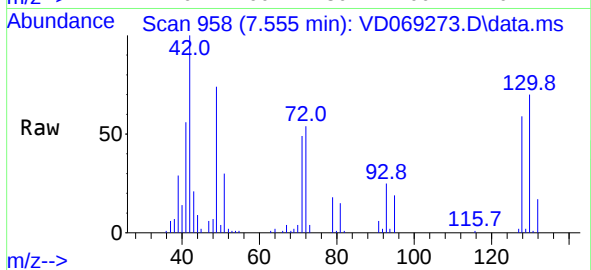
#29
Tetrahydrofuran
Concen: 313.90 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	42	Resp:	89325
Ion	Ratio	Lower	Upper
42	100		
72	55.9	45.9	68.9
71	51.2	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

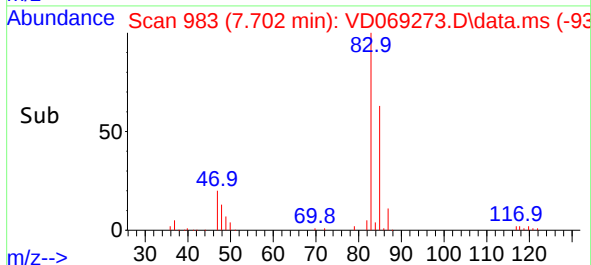
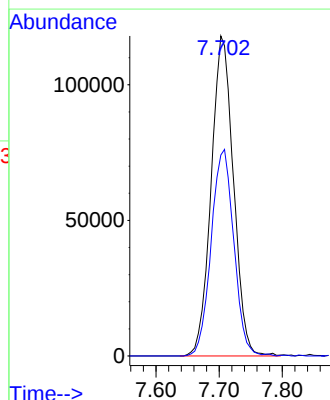
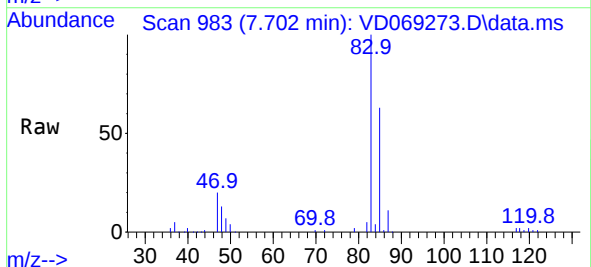
Manual Integrations
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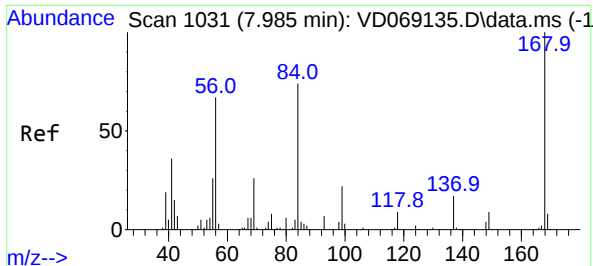
MMDadoda
5/27/2021 10:29:02 AM



#30
Chloroform
Concen: 53.96 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.011 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	83	Resp:	289429
Ion	Ratio	Lower	Upper
83	100		
85	62.8	54.0	81.0





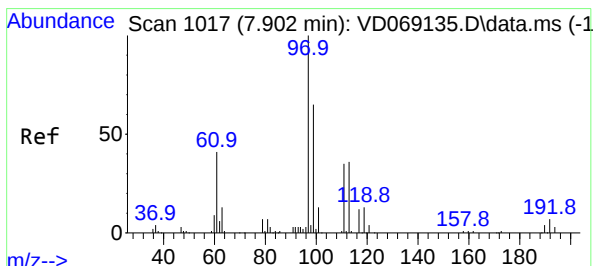
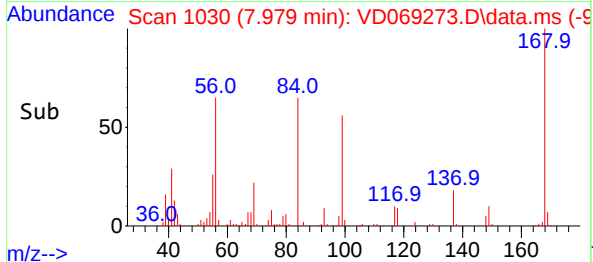
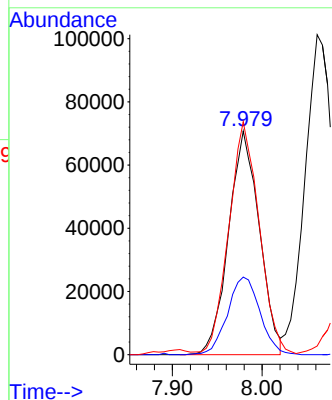
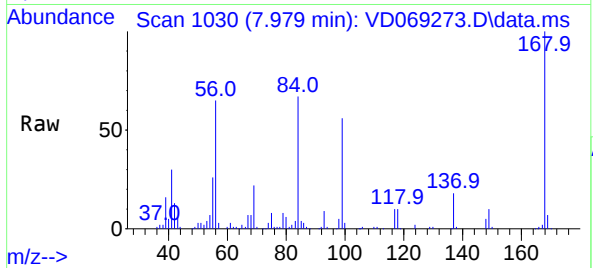
#31
Cyclohexane
Concen: 45.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 56 Resp: 168350
Ion Ratio Lower Upper
56 100
69 34.7 30.6 46.0
84 101.8 88.0 132.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

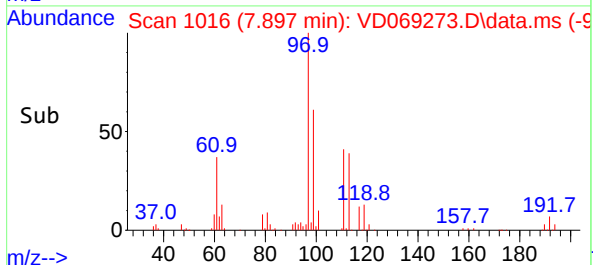
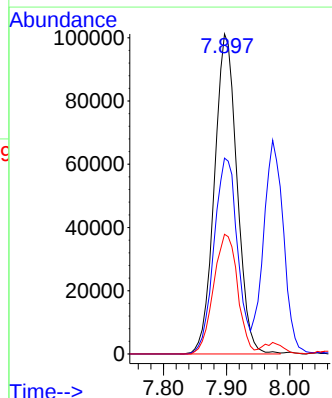
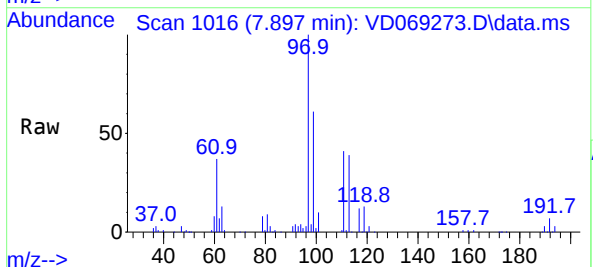
Manual Integrations
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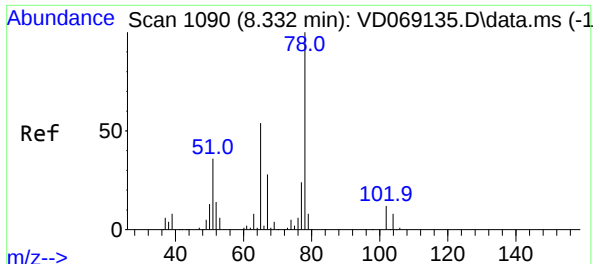
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#32
1,1,1-Trichloroethane
Concen: 51.74 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 97 Resp: 251809
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 39.7 32.5 48.7





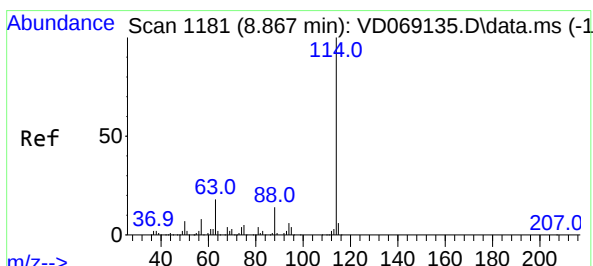
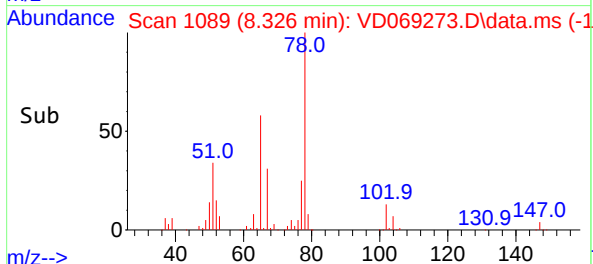
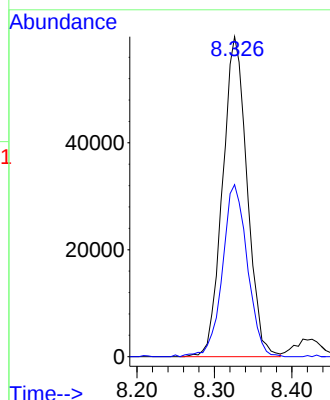
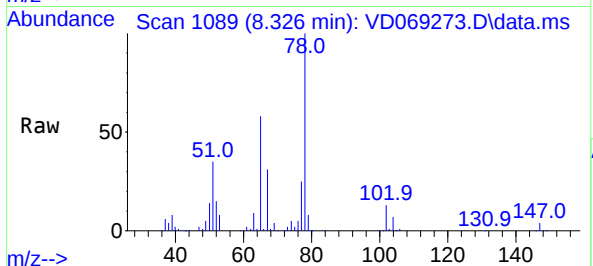
#33
1,2-Dichloroethane-d4
Concen: 52.25 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 65 Resp: 131783
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

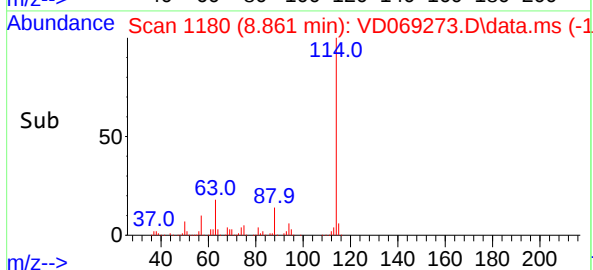
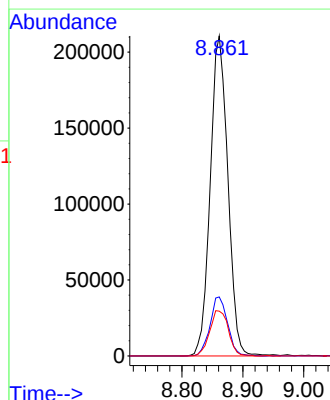
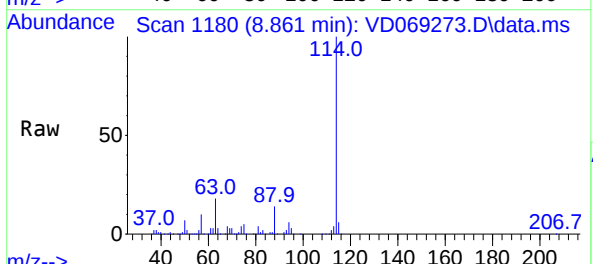
Manual Integrations
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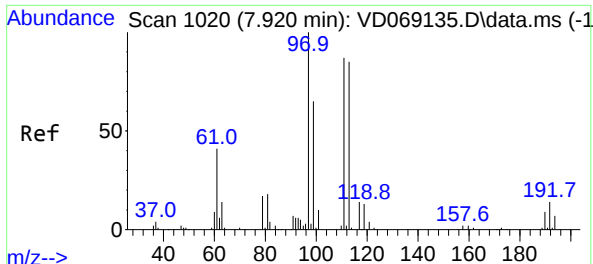
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 114 Resp: 424005
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 14.0 0.0 28.2





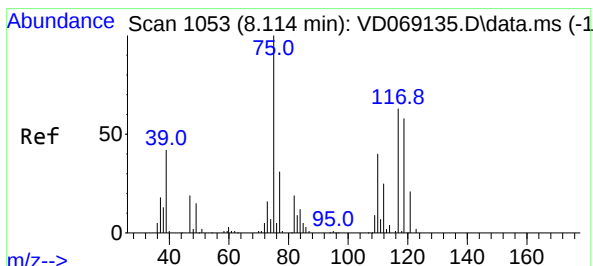
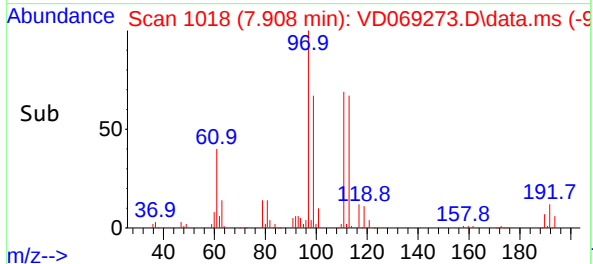
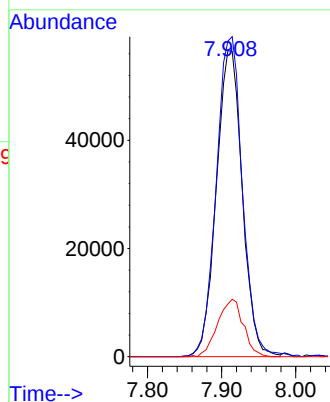
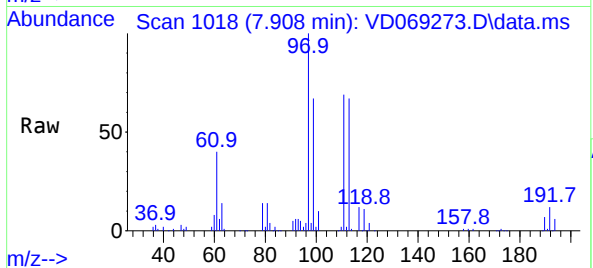
#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 113 Resp: 137521
Ion Ratio Lower Upper
113 100
111 105.4 80.6 120.8
192 18.6 14.8 22.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

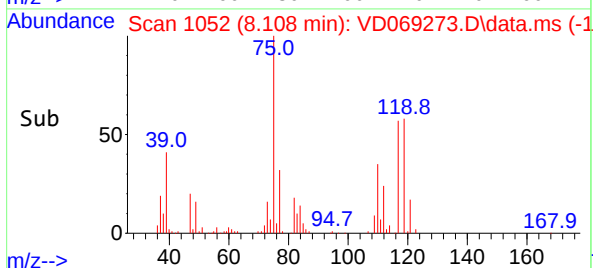
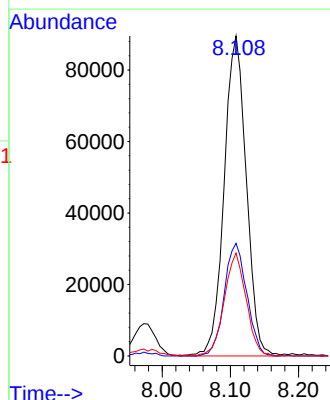
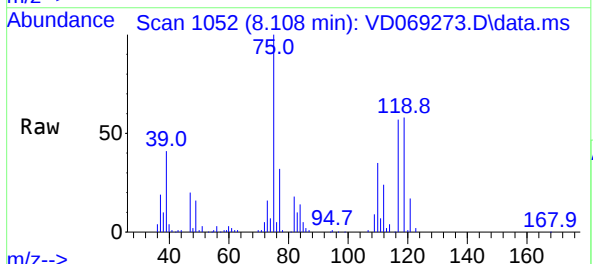
Manual Integrations
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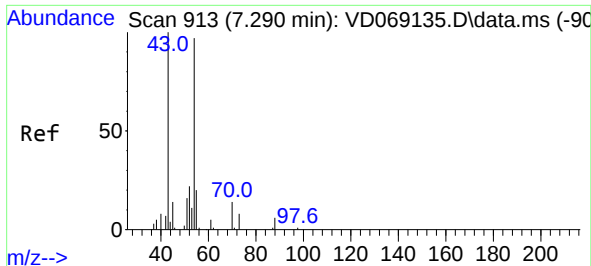
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#36
1,1-Dichloropropene
Concen: 49.11 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 75 Resp: 202448
Ion Ratio Lower Upper
75 100
110 35.8 18.8 56.4
77 31.8 25.2 37.8





#37

Ethyl Acetate

Concen: 57.53 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.006 min

Lab File: VD069273.D

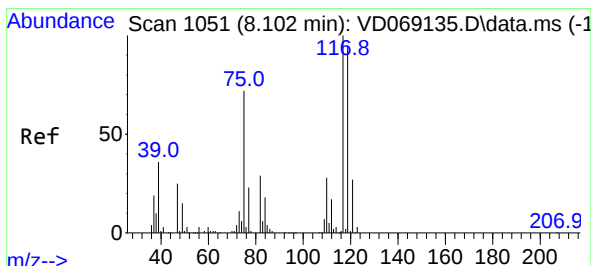
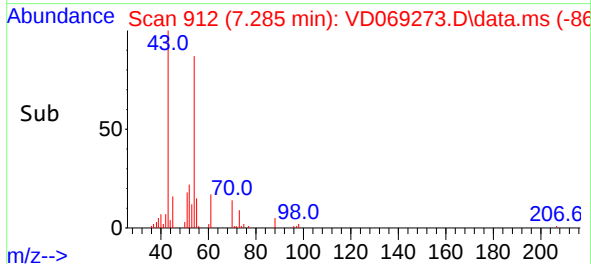
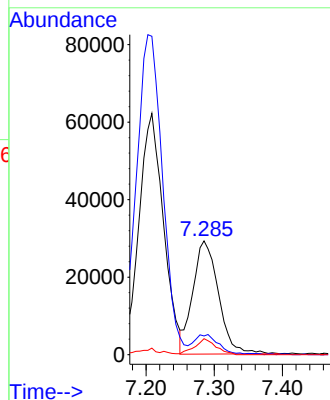
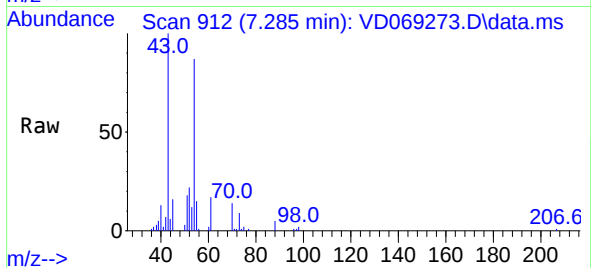
Acq: 25 May 2021 16:27

Tgt Ion:	43	Resp:	76198
Ion	Ratio	Lower	Upper
43	100		
61	17.4	11.5	17.3#
70	11.6	10.4	15.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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5/27/2021 10:29:02 AM



#38

Carbon Tetrachloride

Concen: 47.67 ug/l

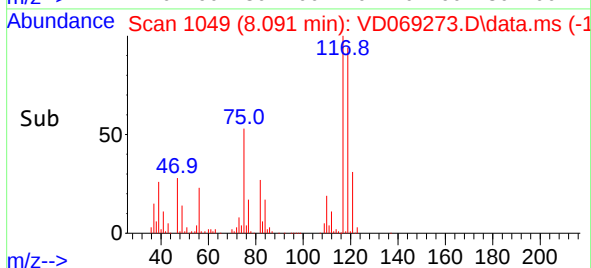
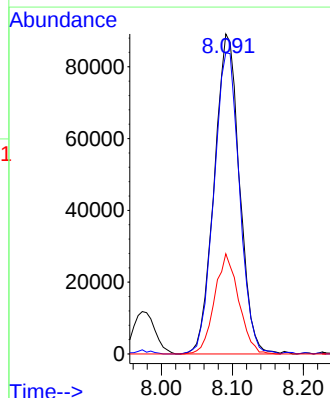
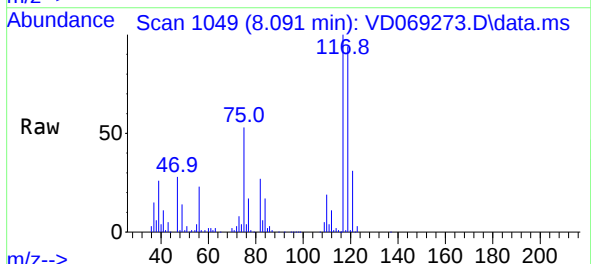
RT: 8.091 min Scan# 1049

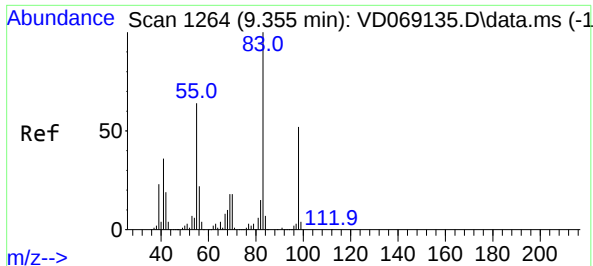
Delta R.T. -0.011 min

Lab File: VD069273.D

Acq: 25 May 2021 16:27

Tgt Ion:	117	Resp:	219672
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.2	114.2
121	31.3	21.9	32.9





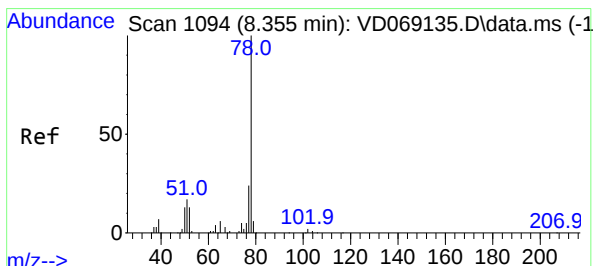
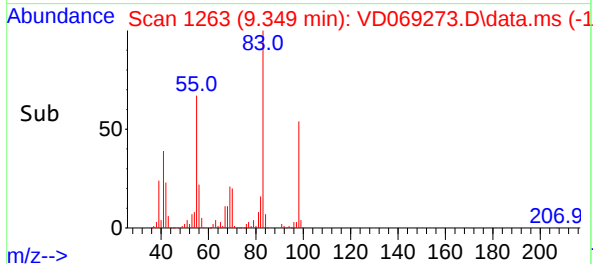
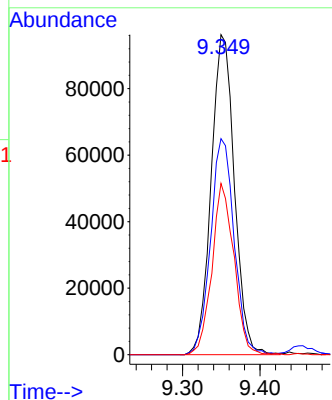
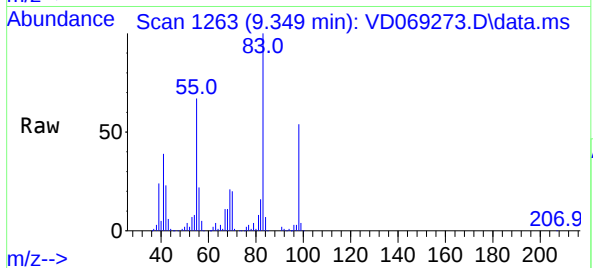
#39
Methylcyclohexane
Concen: 46.02 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 83 Resp: 200105
Ion Ratio Lower Upper
83 100
55 67.5 51.2 76.8
98 53.5 41.4 62.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

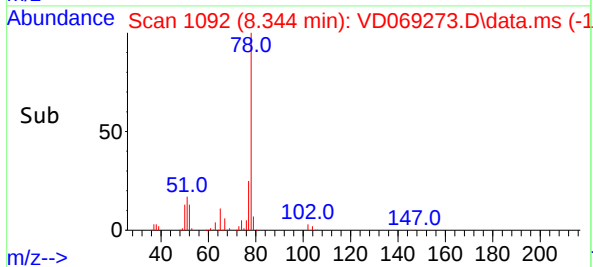
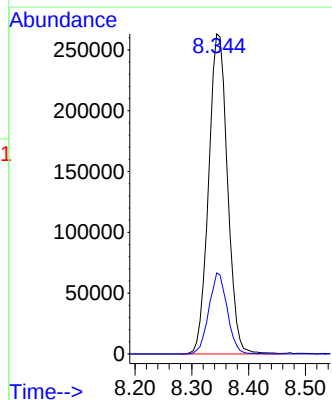
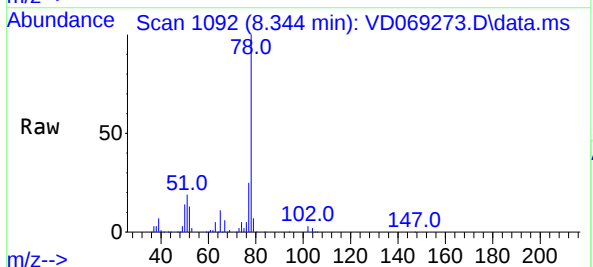
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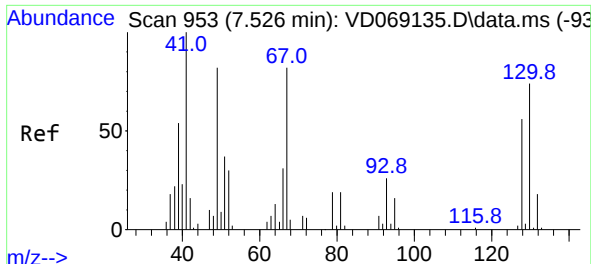
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#40
Benzene
Concen: 51.38 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 78 Resp: 606668
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7





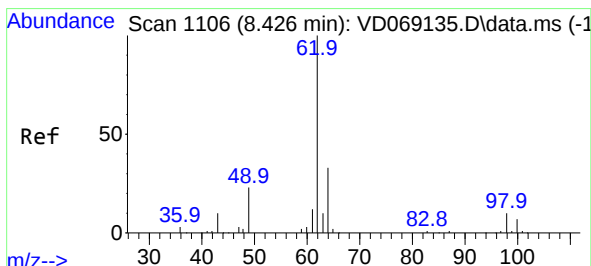
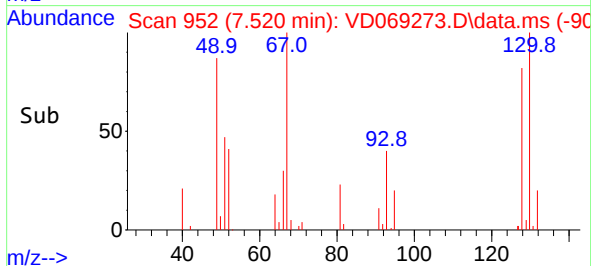
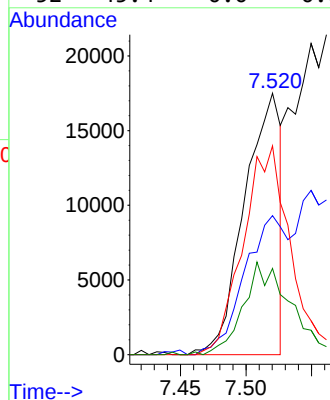
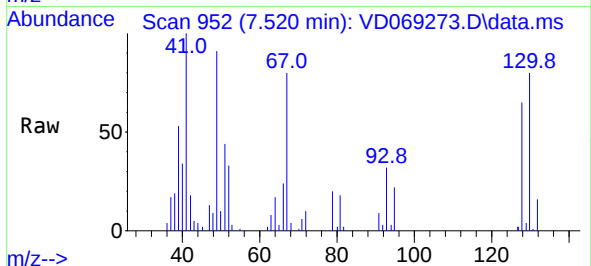
#41
Methacrylonitrile
Concen: 48.17 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 41 Resp: 33962
Ion Ratio Lower Upper
41 100
39 61.7 58.0 87.0
67 102.7 0.0 0.0#
52 45.4 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

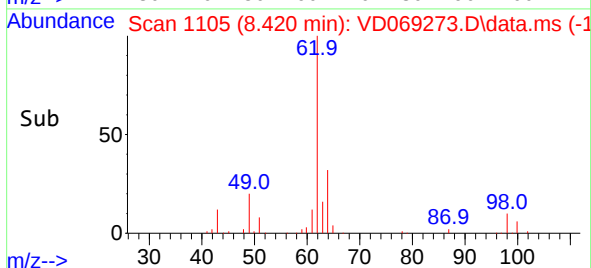
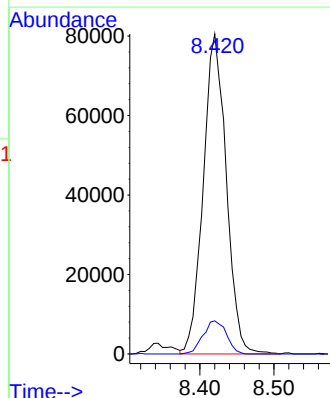
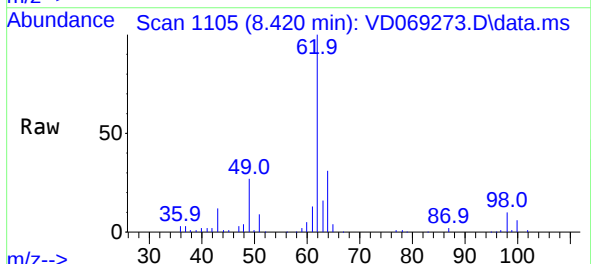
Manual Integrations
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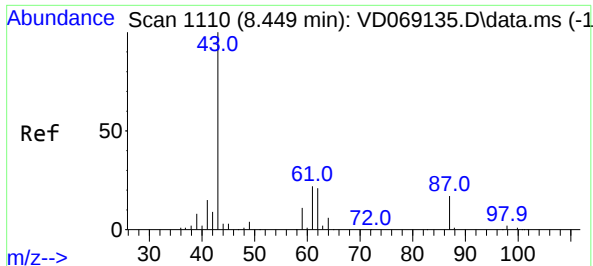
MMDadoda
5/27/2021 10:29:02 AM



#42
1,2-Dichloroethane
Concen: 53.89 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 62 Resp: 173762
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





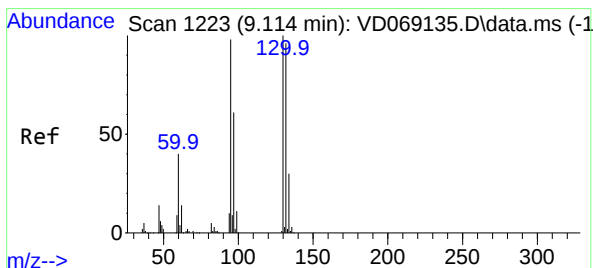
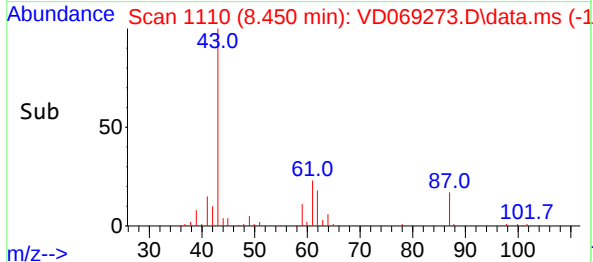
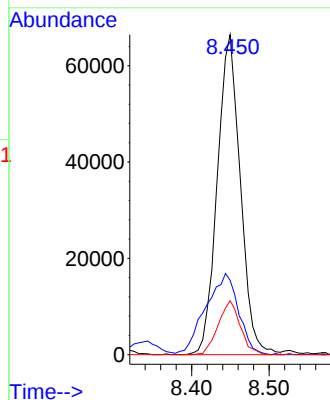
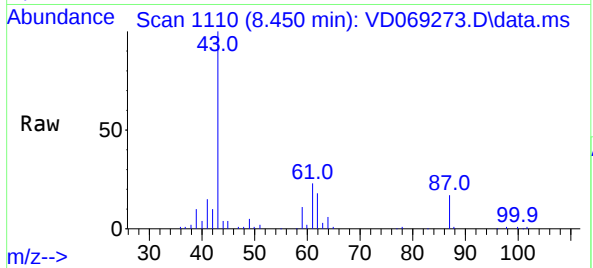
#43
Isopropyl Acetate
Concen: 57.13 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 43 Resp: 137415
Ion Ratio Lower Upper
43 100
61 36.1 28.6 42.8
87 16.1 13.8 20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

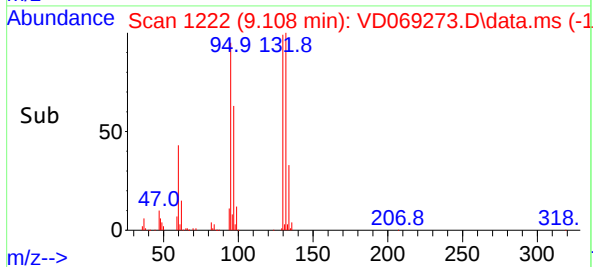
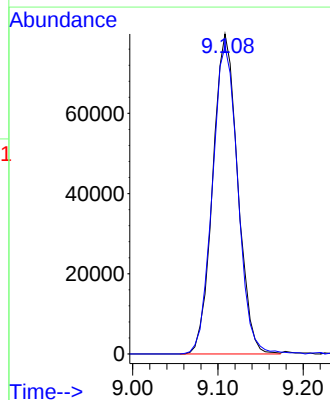
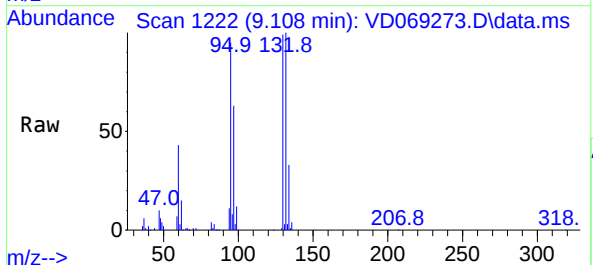
Manual Integrations
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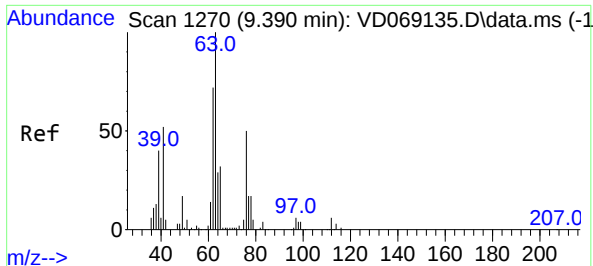
MMDadoda
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#44
Trichloroethene
Concen: 48.92 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:130 Resp: 161435
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.2





#45

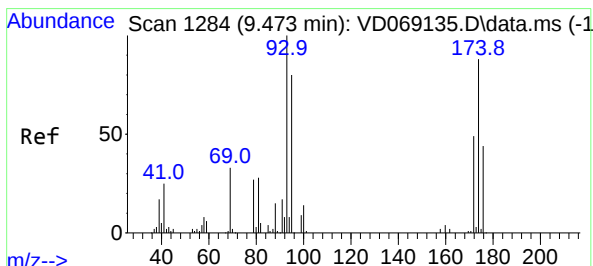
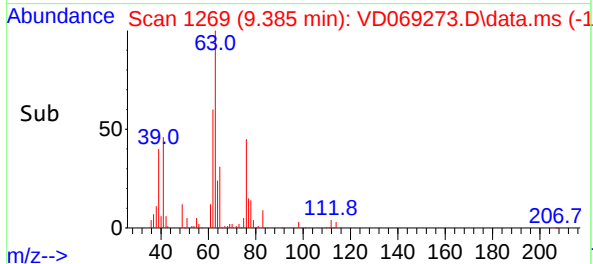
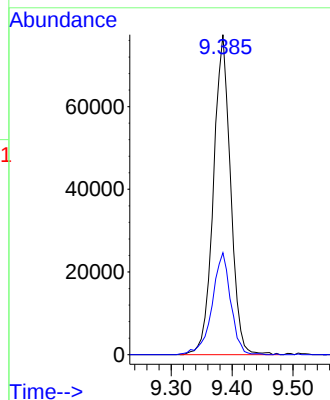
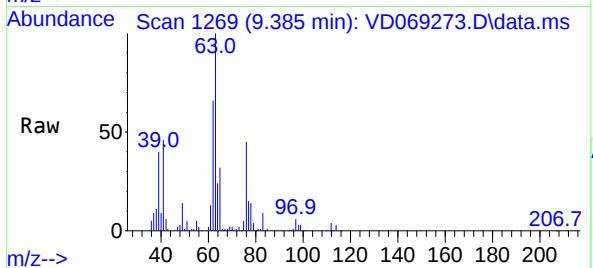
1,2-Dichloropropane
Concen: 54.31 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 63 Resp: 151360
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

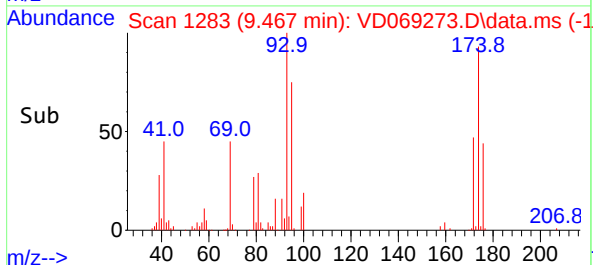
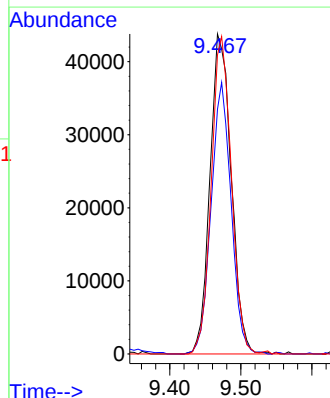
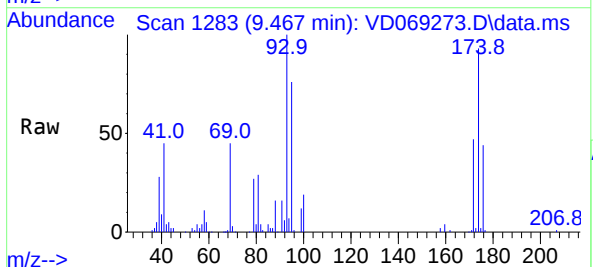
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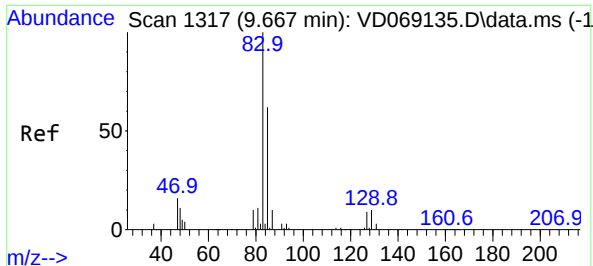


#46

Dibromomethane
Concen: 54.60 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

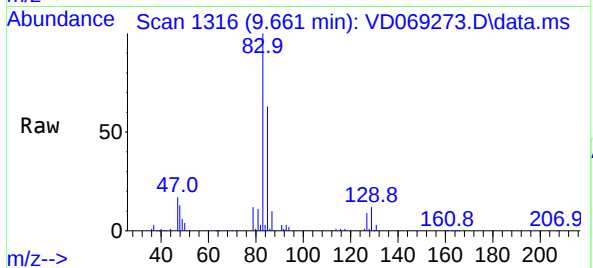
Tgt Ion: 93 Resp: 90972
Ion Ratio Lower Upper
93 100
95 79.9 65.9 98.9
174 93.8 76.6 115.0





#47
Bromodichloromethane
Concen: 53.64 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

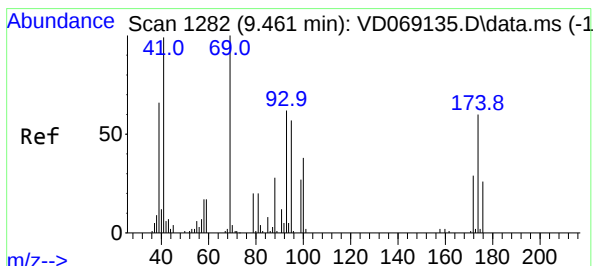
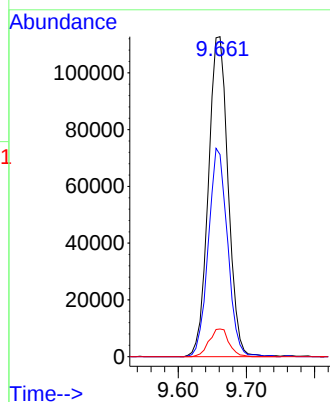
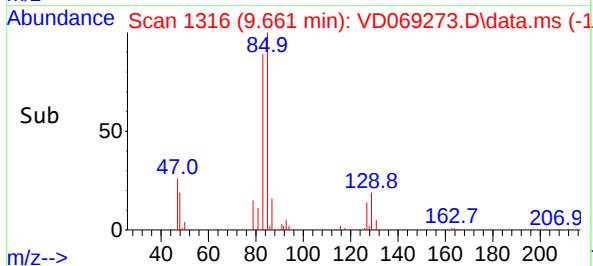
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



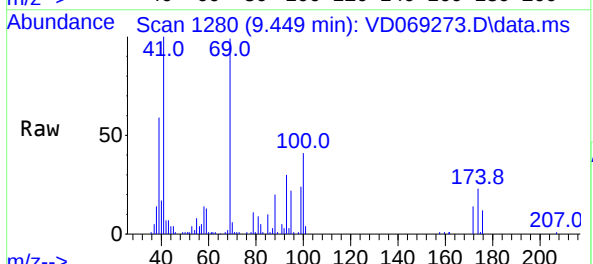
Tgt Ion: 83 Resp: 227403
Ion Ratio Lower Upper
83 100
85 63.2 50.0 75.0
127 8.6 7.1 10.7

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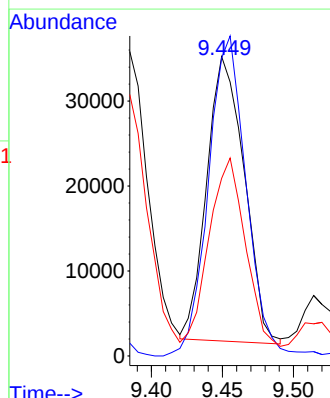
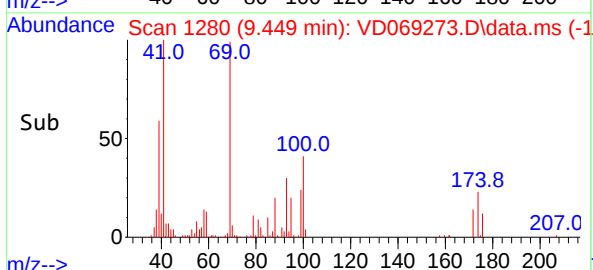
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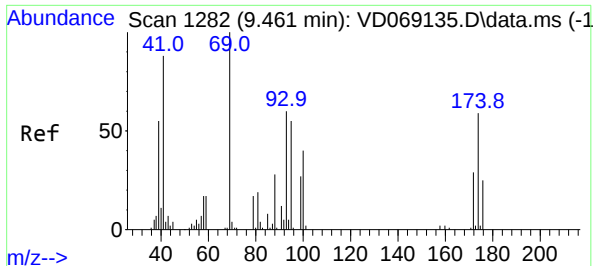


#48
Methyl methacrylate
Concen: 55.25 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.011 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



Tgt Ion: 41 Resp: 61443
Ion Ratio Lower Upper
41 100
69 113.9 88.0 132.0
39 70.7 51.4 77.0





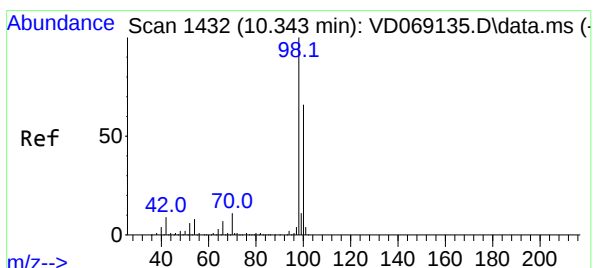
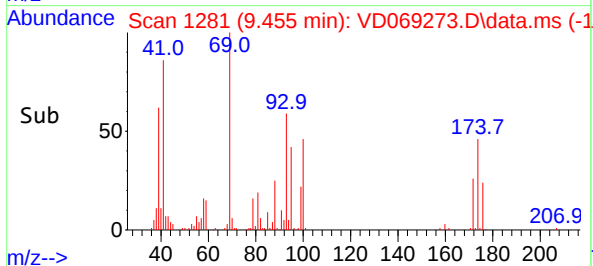
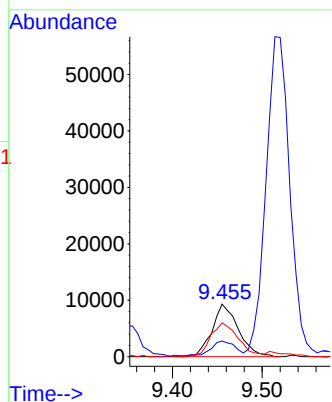
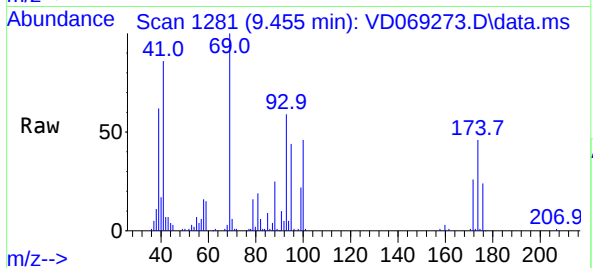
#49
1,4-Dioxane
Concen: 1160.48 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	88	Resp:	18827
Ion	Ratio	Lower	Upper
88	100		
43	29.5	26.7	40.1
58	68.2	45.8	68.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

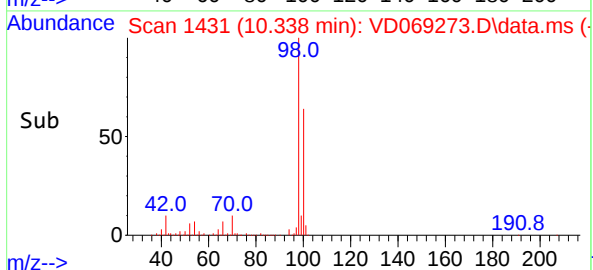
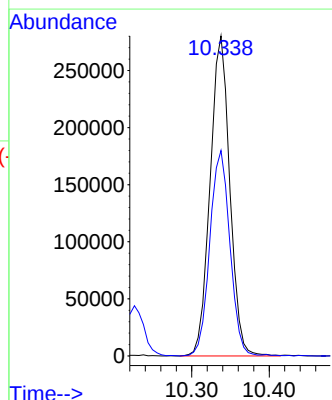
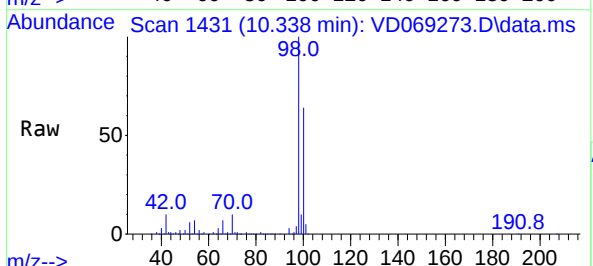
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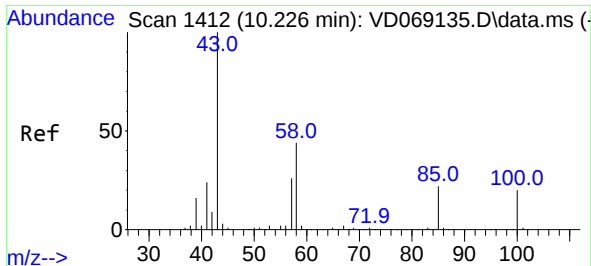
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#50
Toluene-d8
Concen: 48.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	98	Resp:	494521
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





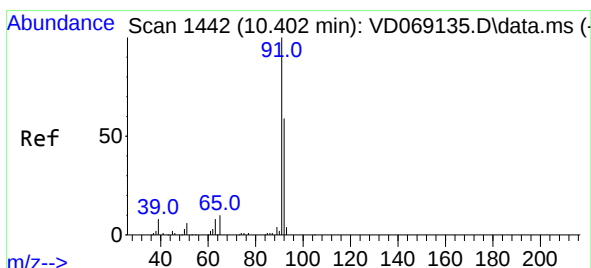
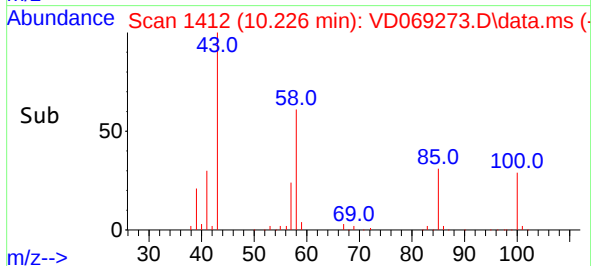
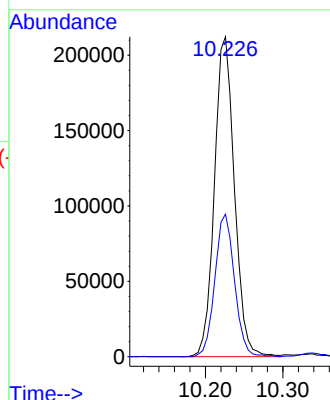
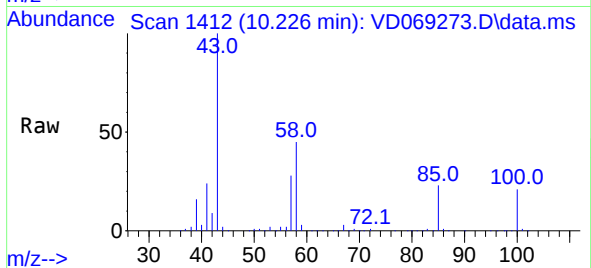
#51
4-Methyl-2-Pentanone
Concen: 308.10 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 43 Resp: 381244
Ion Ratio Lower Upper
43 100
58 43.8 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

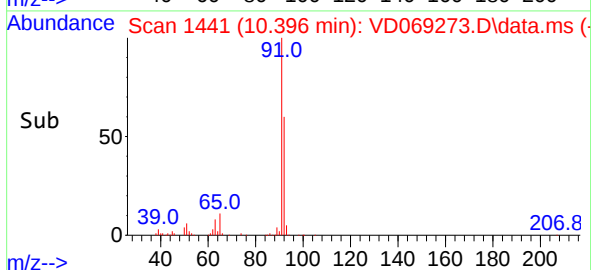
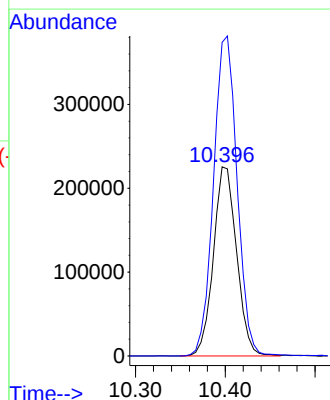
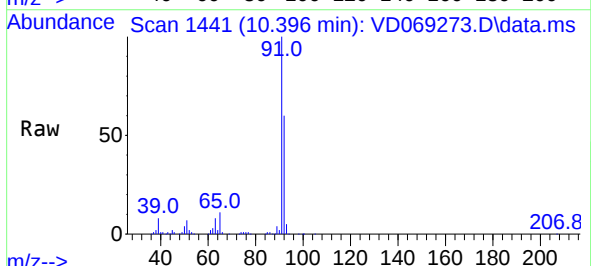
Manual Integrations
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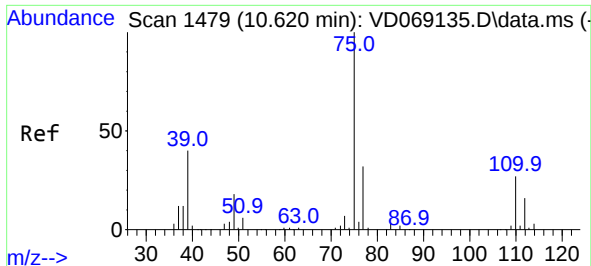
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#52
Toluene
Concen: 53.13 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 92 Resp: 404876
Ion Ratio Lower Upper
92 100
91 172.3 136.2 204.2





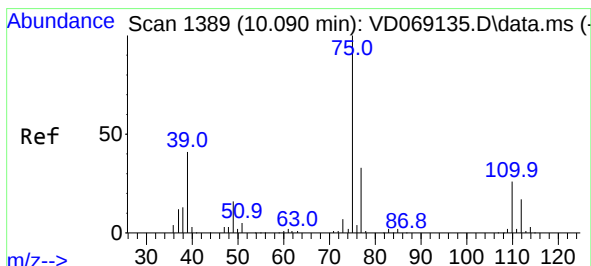
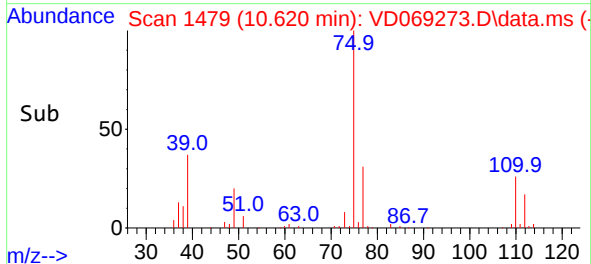
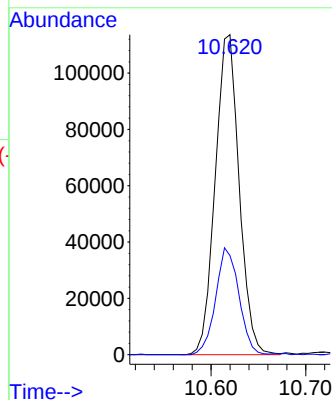
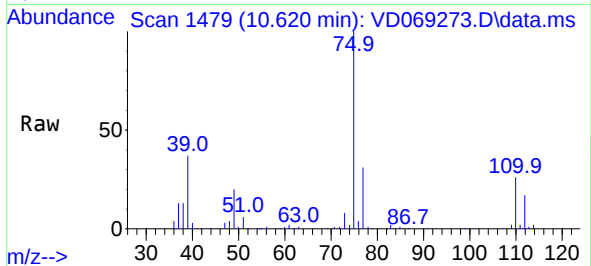
#53
t-1,3-Dichloropropene
Concen: 53.67 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 75 Resp: 199951
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

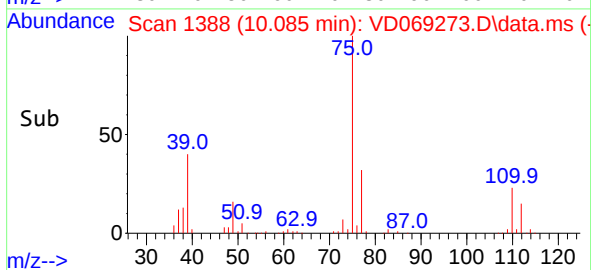
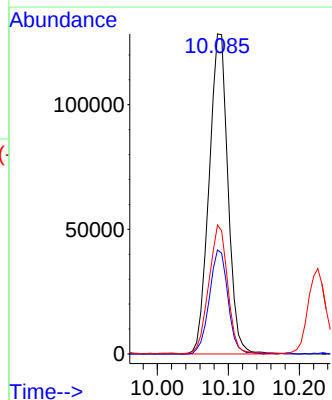
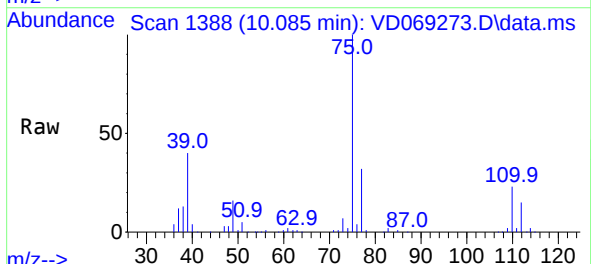
Manual Integrations
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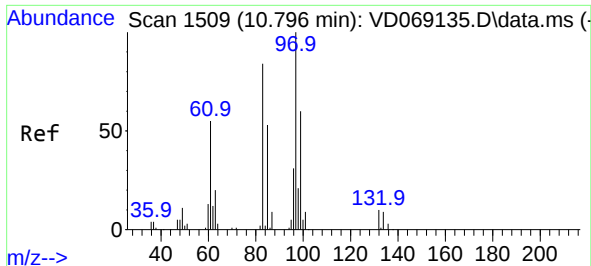
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#54
cis-1,3-Dichloropropene
Concen: 53.21 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 75 Resp: 236940
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
39 40.2 32.9 49.3





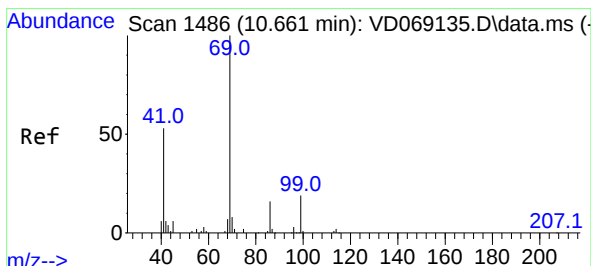
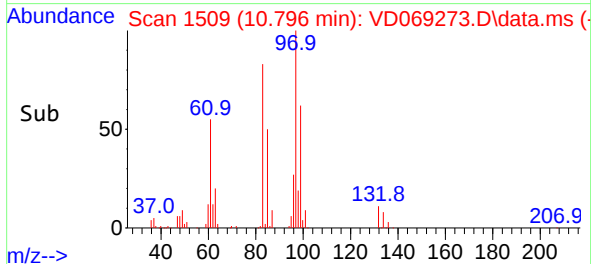
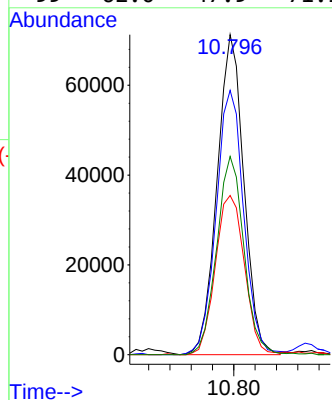
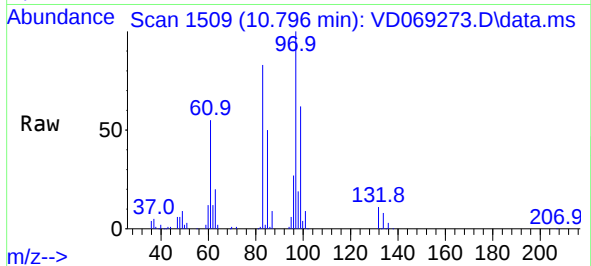
#55
1,1,2-Trichloroethane
Concen: 55.23 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	97	Resp:	124020
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.9	100.3
85	49.8	42.2	63.4
99	62.0	47.9	71.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

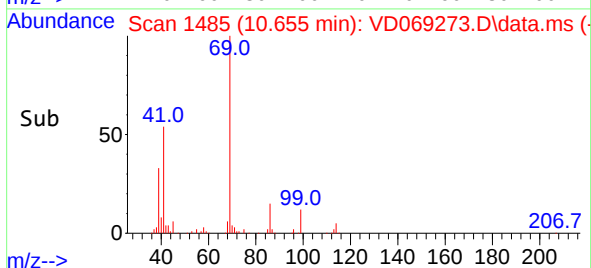
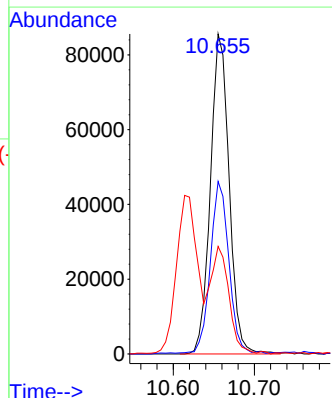
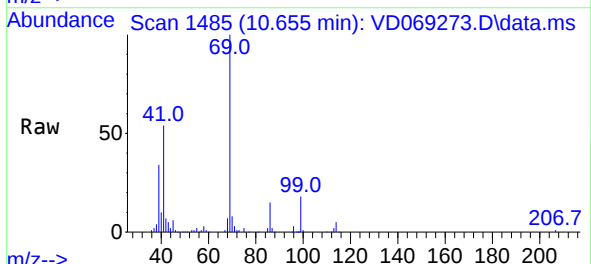
Manual Integrations
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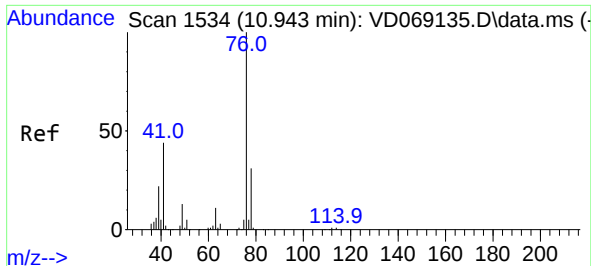
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#56
Ethyl methacrylate
Concen: 55.77 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

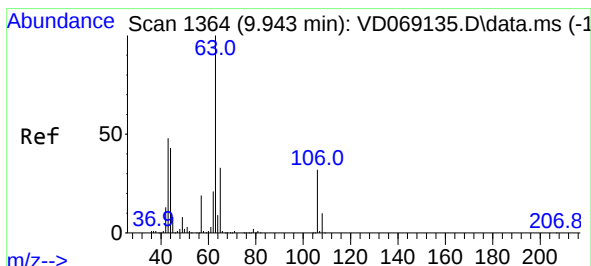
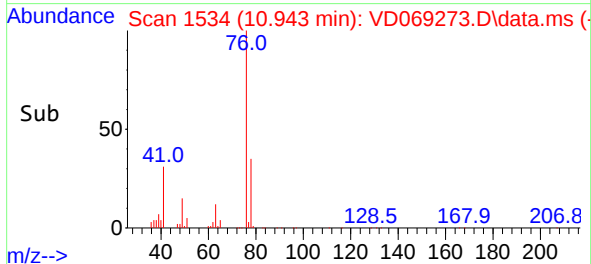
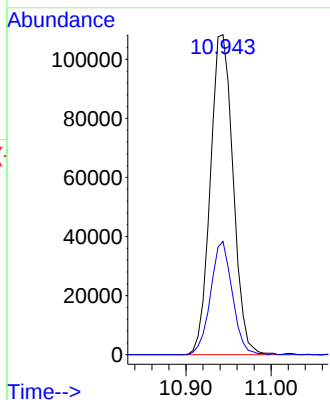
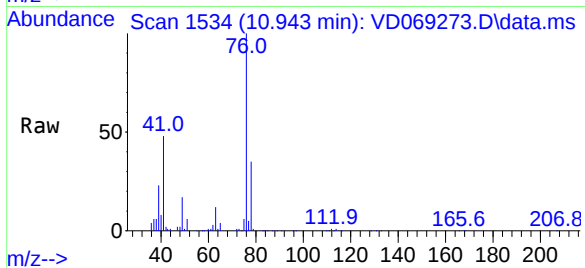
Tgt Ion:	69	Resp:	137002
Ion	Ratio	Lower	Upper
69	100		
41	54.1	42.2	63.2
39	33.0	26.3	39.5





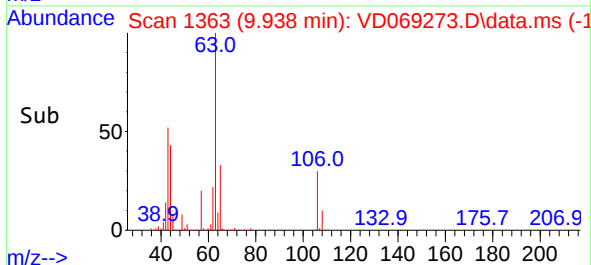
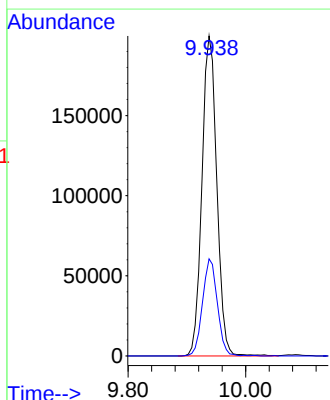
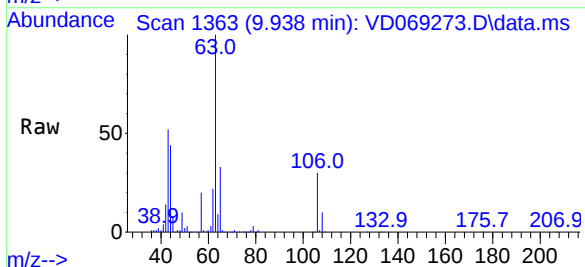
#57
1,3-Dichloropropane
Concen: 55.43 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 76 Resp: 201164
Ion Ratio Lower Upper
76 100
78 33.8 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 314.49 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

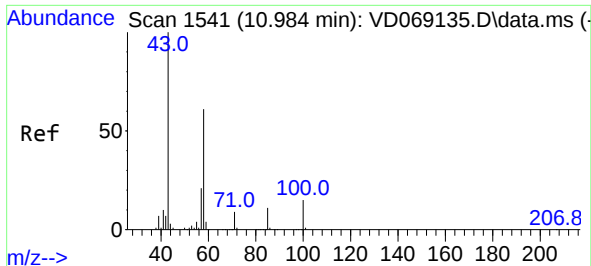
Tgt Ion: 63 Resp: 349599
Ion Ratio Lower Upper
63 100
106 30.3 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

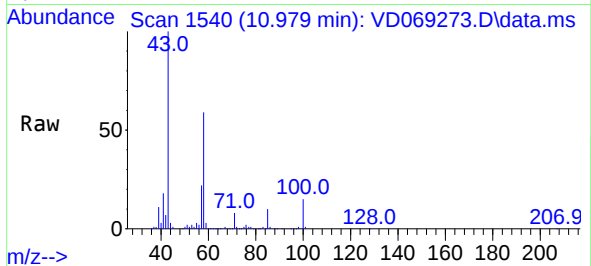
Manual Integrations
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#59
2-Hexanone
Concen: 310.03 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

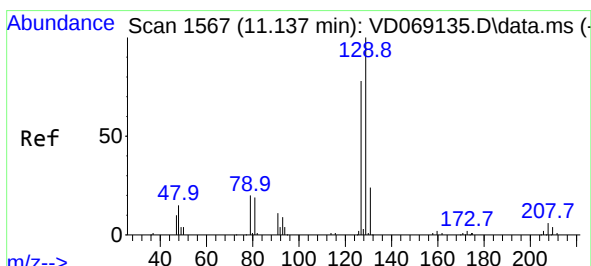
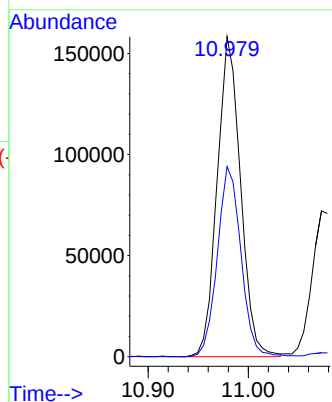
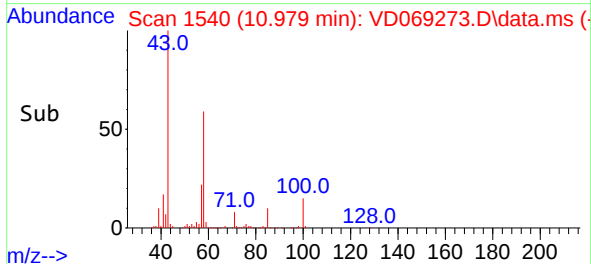
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



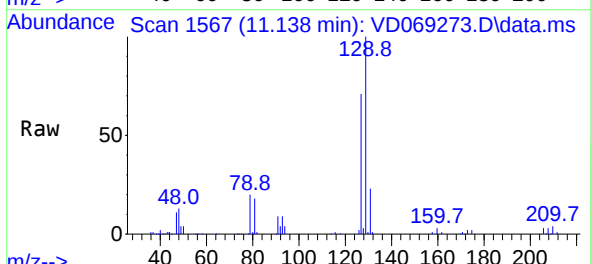
Tgt Ion: 43 Resp: 256001
Ion Ratio Lower Upper
43 100
58 60.0 31.1 93.5

Manual Integrations
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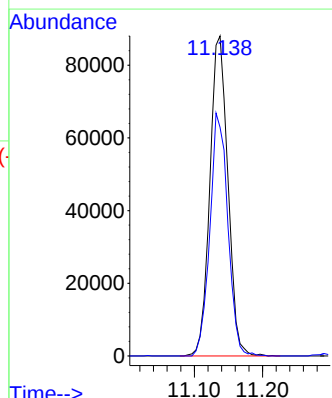
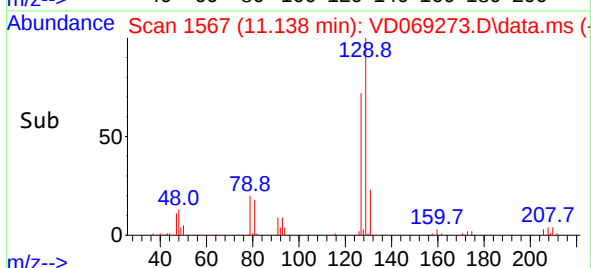
MMDadoda
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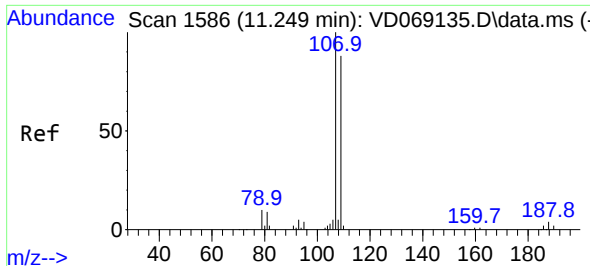


#60
Dibromochloromethane
Concen: 56.08 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



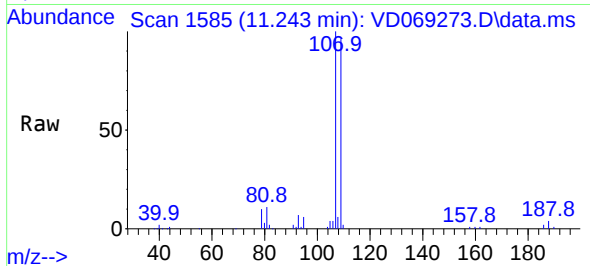
Tgt Ion: 129 Resp: 161744
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.89 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

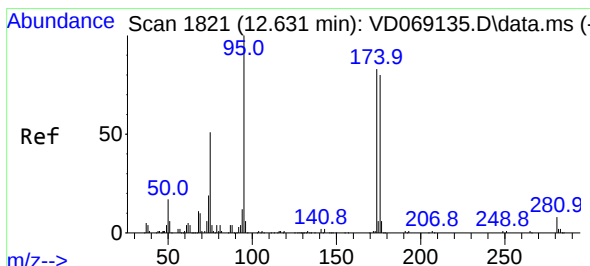
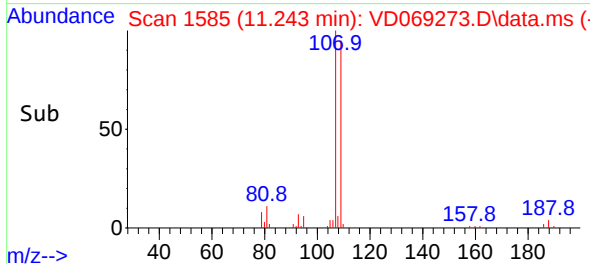
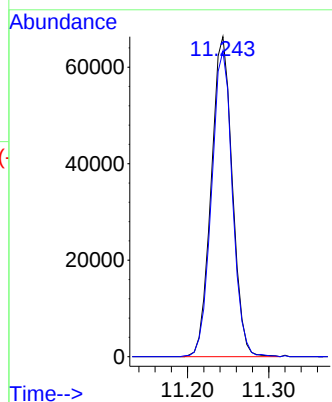
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



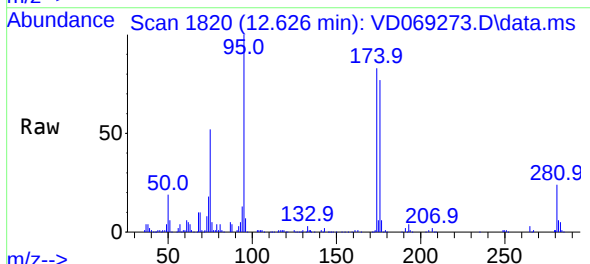
Tgt Ion:107 Resp: 119592
Ion Ratio Lower Upper
107 100
109 94.6 73.6 110.4

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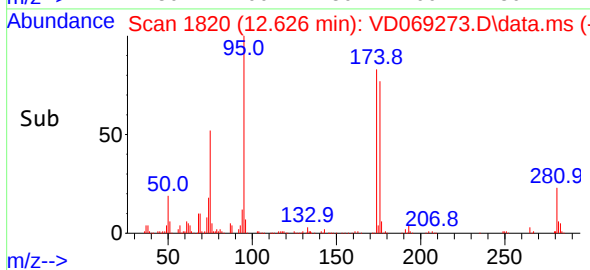
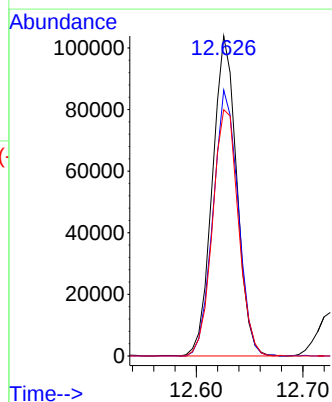
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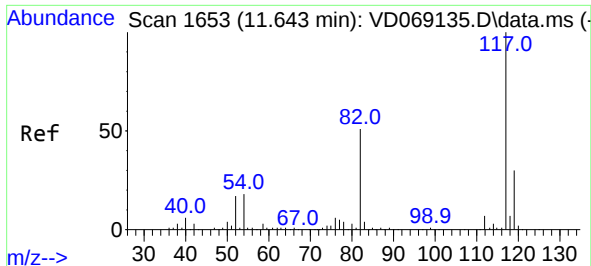


#62
4-Bromofluorobenzene
Concen: 50.46 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

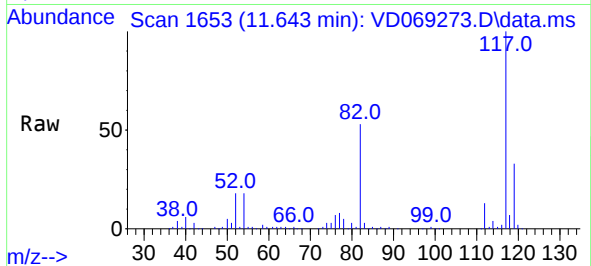


Tgt Ion: 95 Resp: 164631
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.8
176 81.5 0.0 165.4

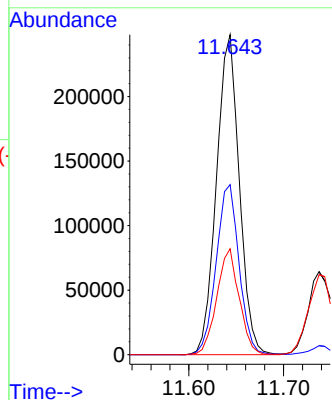
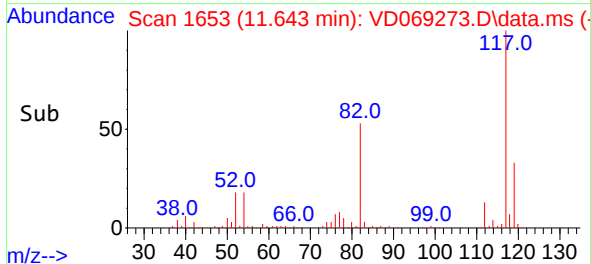




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



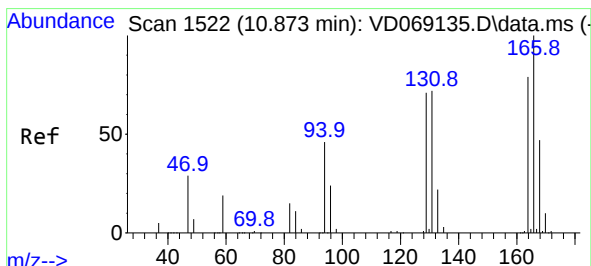
Tgt Ion:117 Resp: 415823
Ion Ratio Lower Upper
117 100
82 53.1 40.5 60.7
119 33.1 24.2 36.4



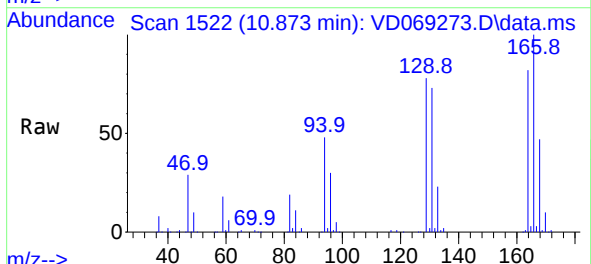
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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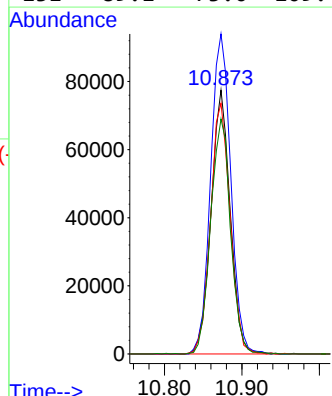
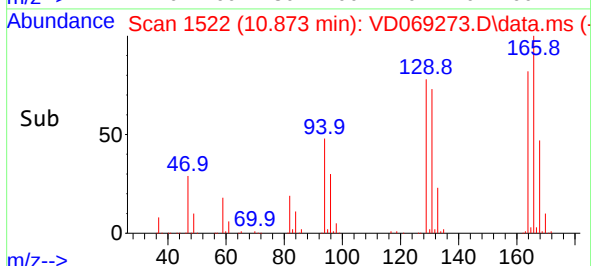
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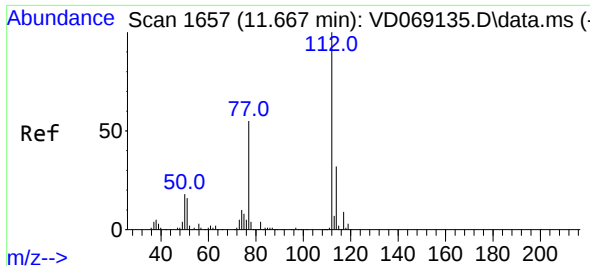


#64
Tetrachloroethene
Concen: 46.07 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

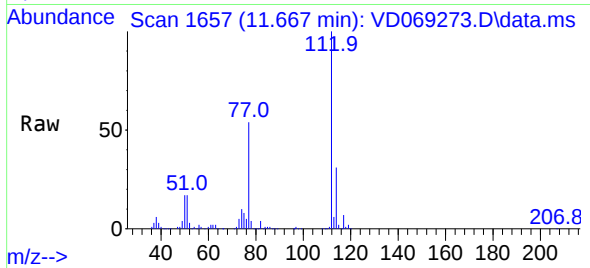


Tgt Ion:164 Resp: 133148
Ion Ratio Lower Upper
164 100
166 121.3 101.7 152.5
129 95.0 72.6 109.0
131 89.1 73.0 109.4

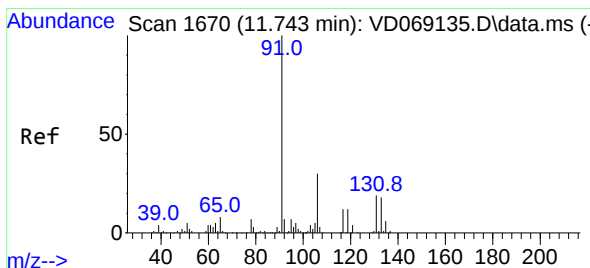
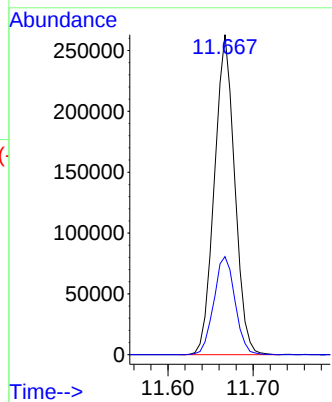
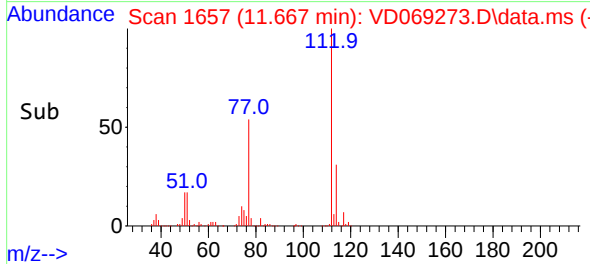




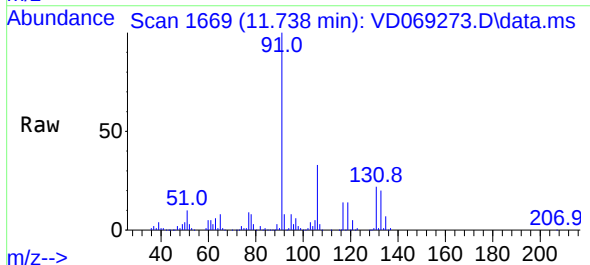
#65
Chlorobenzene
Concen: 50.52 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



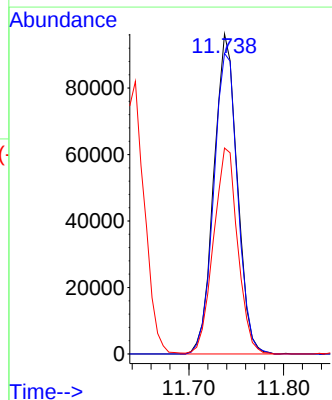
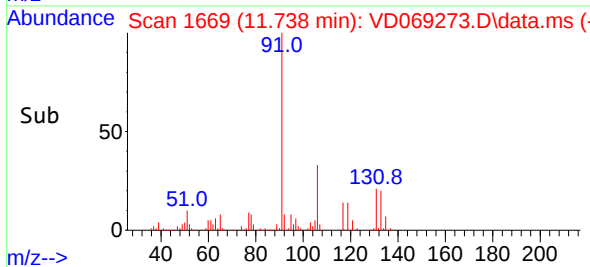
Tgt Ion:112 Resp: 435380
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.75 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



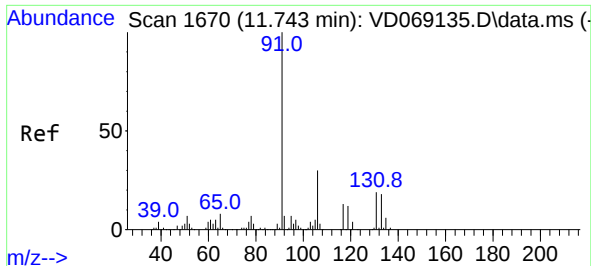
Tgt Ion:131 Resp: 164924
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 66.8 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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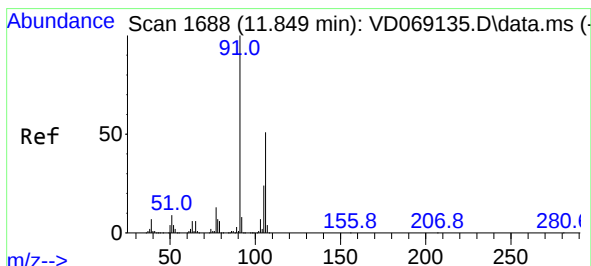
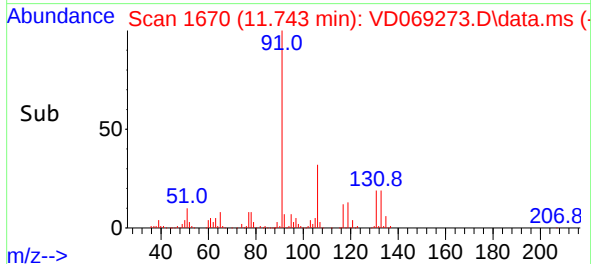
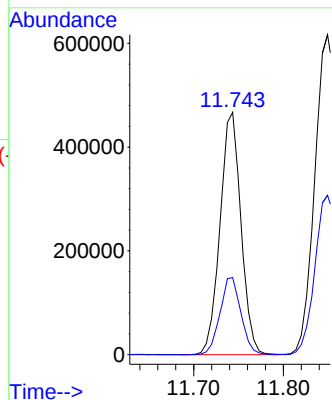
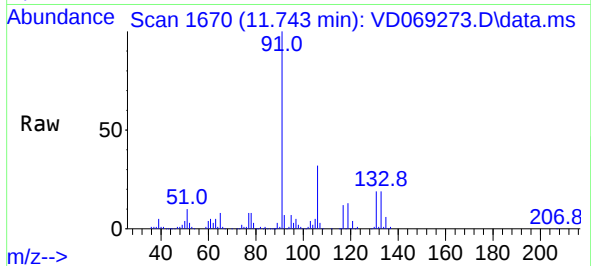
#67
Ethyl Benzene
Concen: 51.06 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 91 Resp: 757389
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

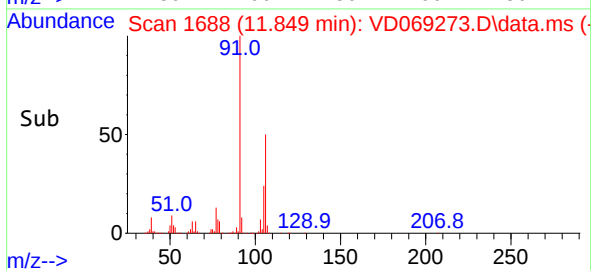
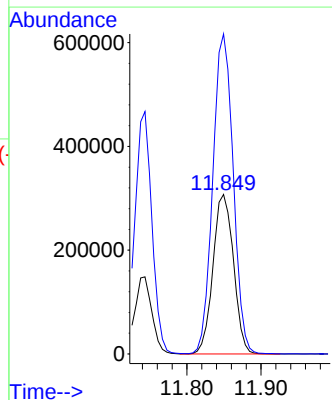
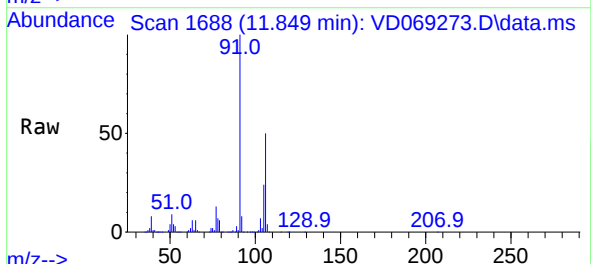
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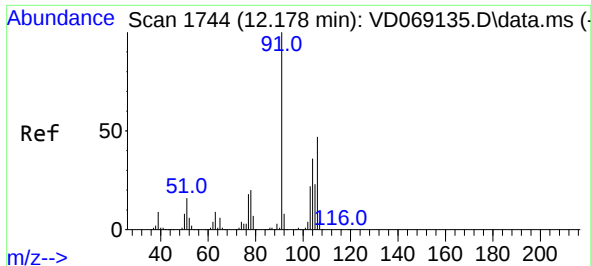
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#68
m/p-Xylenes
Concen: 101.65 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:106 Resp: 590827
Ion Ratio Lower Upper
106 100
91 199.5 157.3 235.9





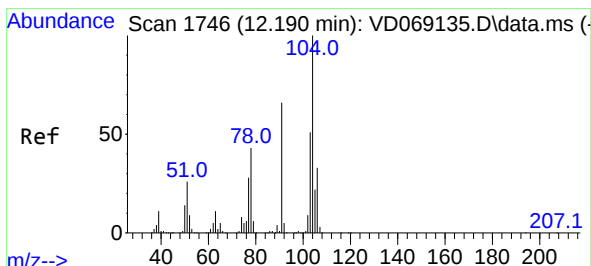
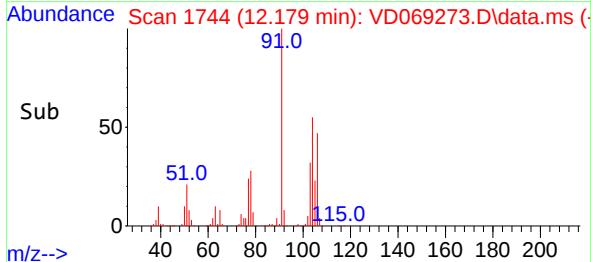
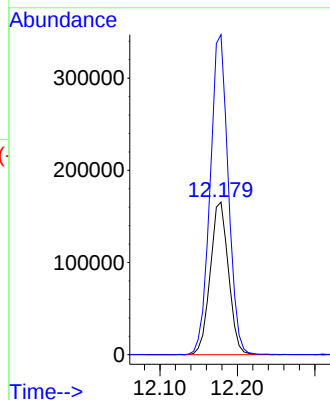
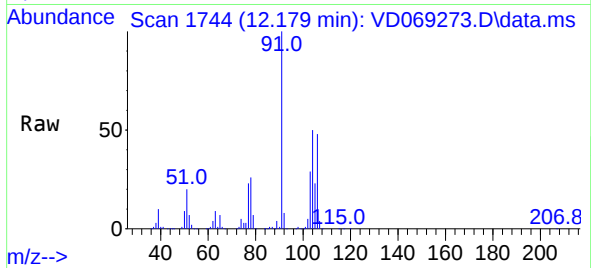
#69
o-Xylene
Concen: 52.28 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:106 Resp: 270209
Ion Ratio Lower Upper
106 100
91 209.2 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

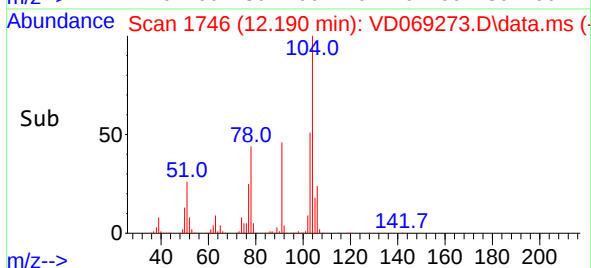
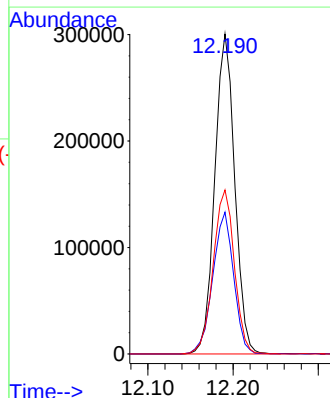
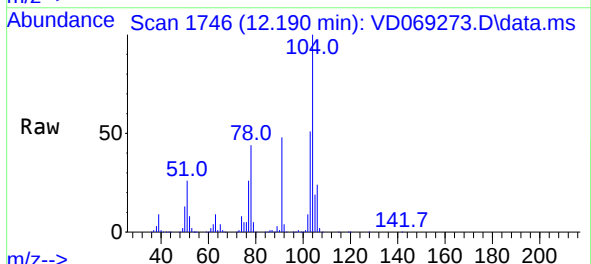
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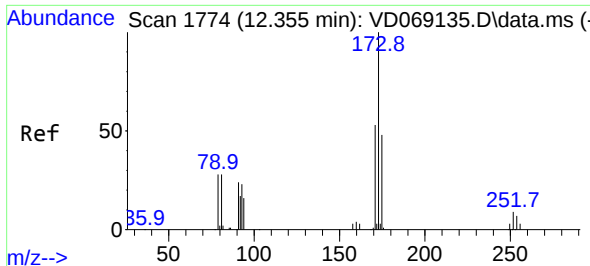
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#70
Styrene
Concen: 54.24 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:104 Resp: 489390
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.4 44.8 67.2





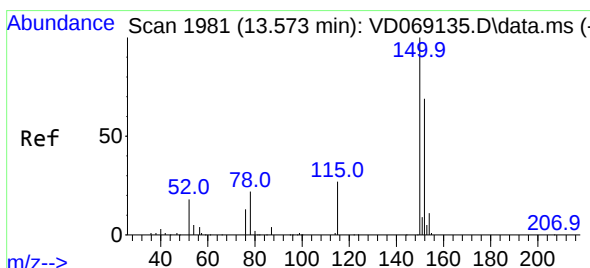
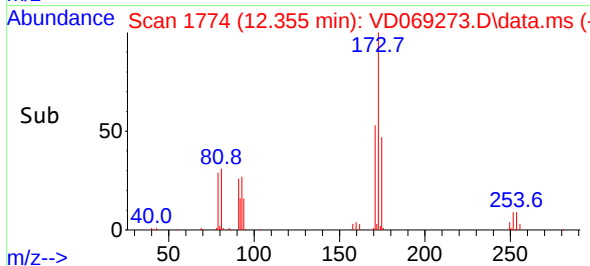
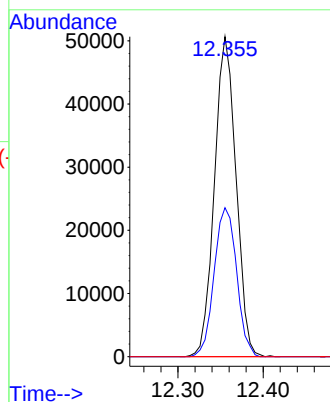
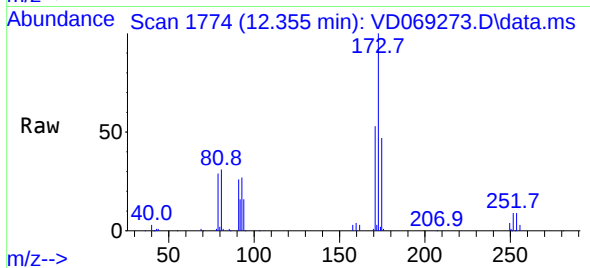
#71
Bromoform
Concen: 52.81 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:173 Resp: 89274
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

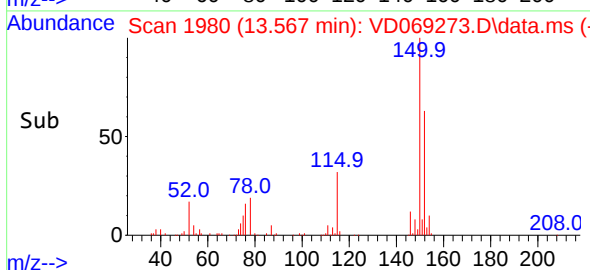
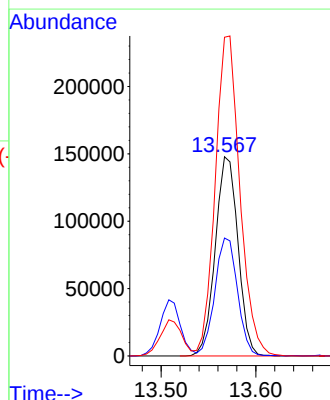
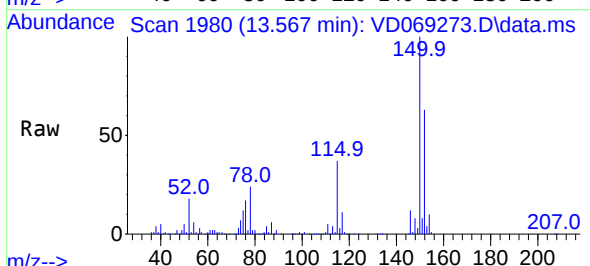
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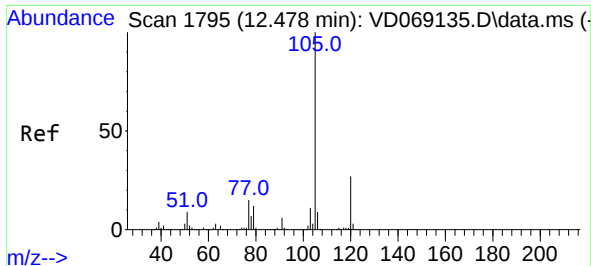
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

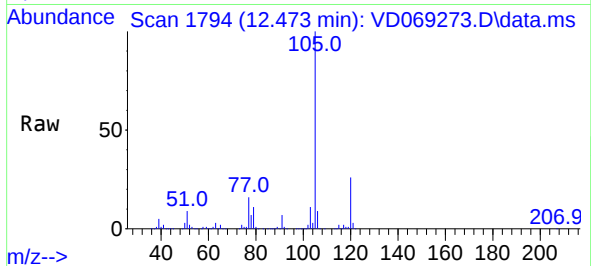
Tgt Ion:152 Resp: 246952
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.8
150 174.3 0.0 350.2





#73
Isopropylbenzene
Concen: 41.68 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

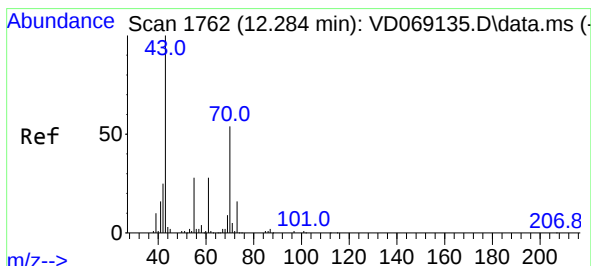
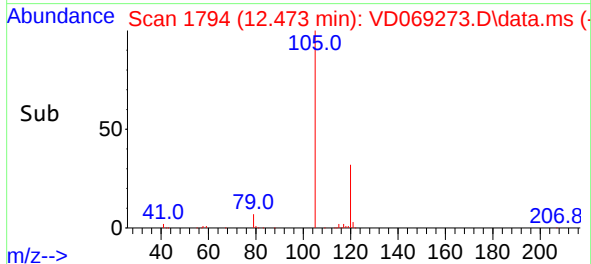
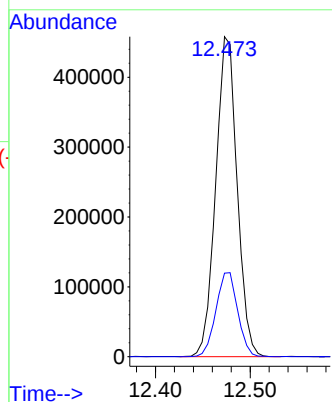
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



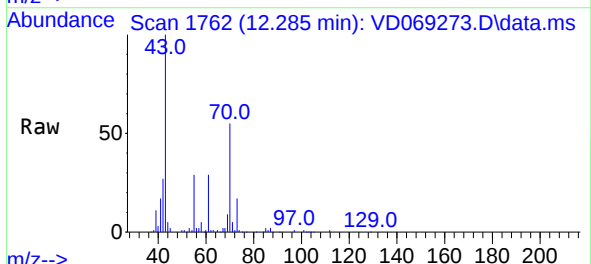
Tgt Ion: 105 Resp: 719345
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

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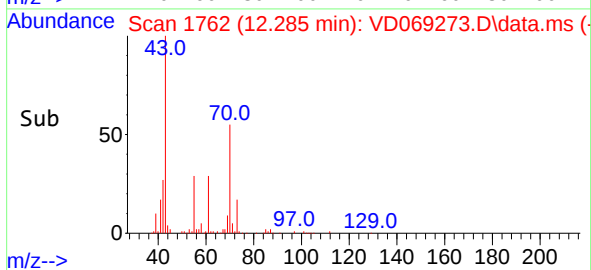
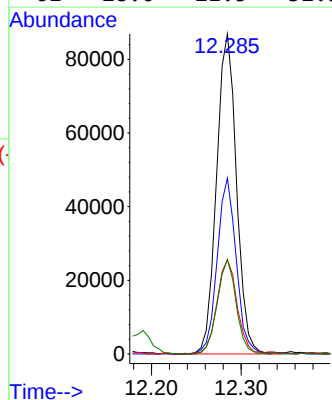
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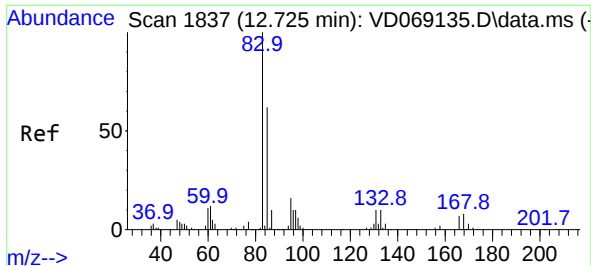


#74
N-ethyl acetate
Concen: 47.59 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



Tgt Ion: 43 Resp: 134339
Ion Ratio Lower Upper
43 100
70 52.2 41.6 62.4
55 30.1 22.6 34.0
61 28.0 21.5 32.3





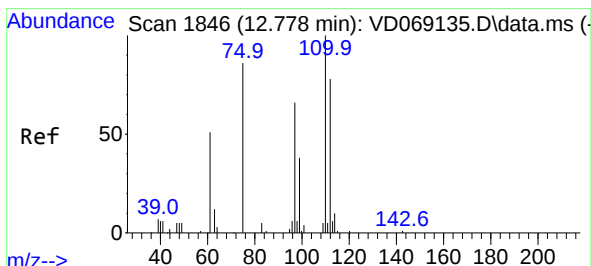
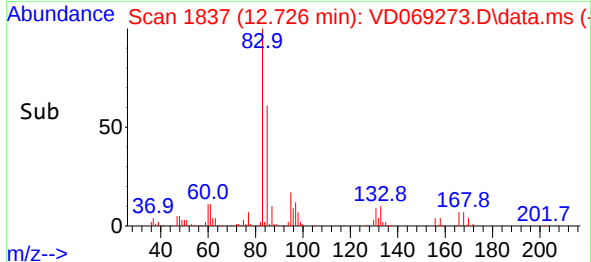
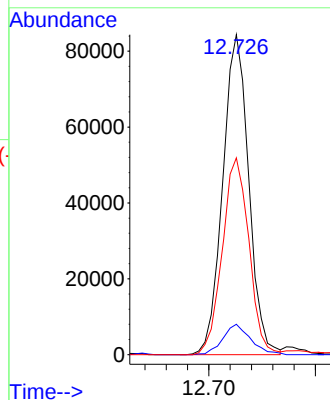
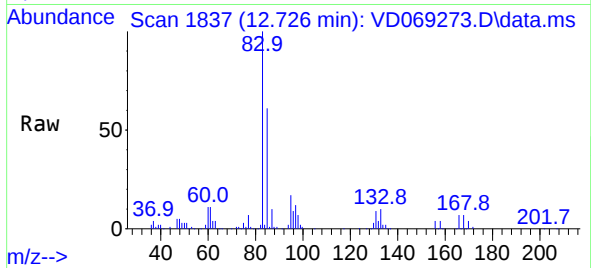
#75
1,1,2,2-Tetrachloroethane
Concen: 45.71 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 83 Resp: 142961
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 62.9 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

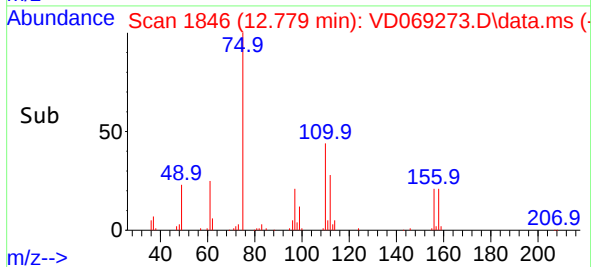
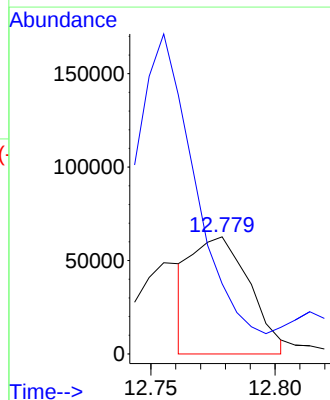
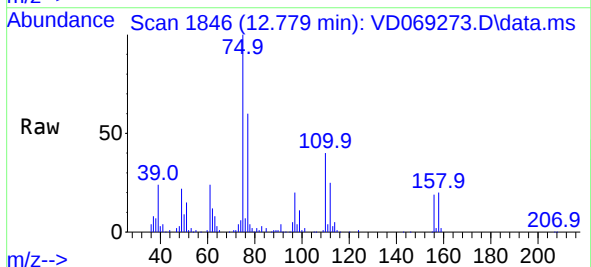
Manual Integrations
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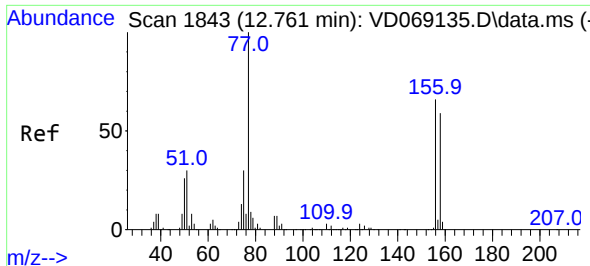
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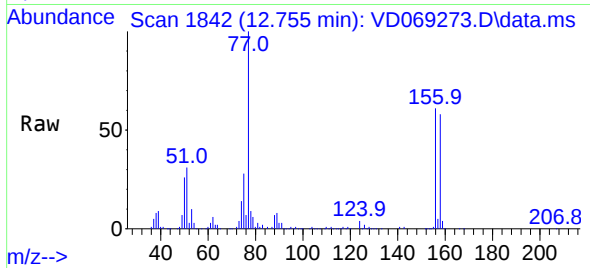
#76
1,2,3-Trichloropropane
Concen: 54.57 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 75 Resp: 101306
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

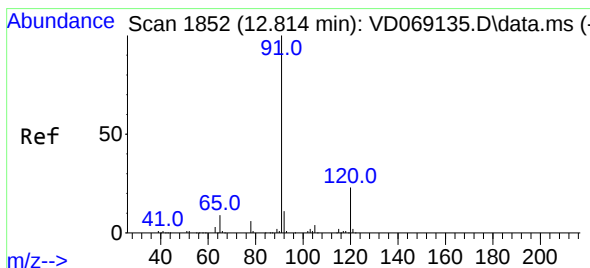
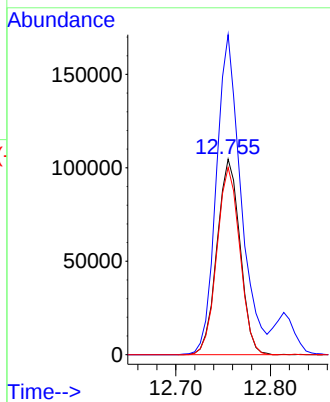
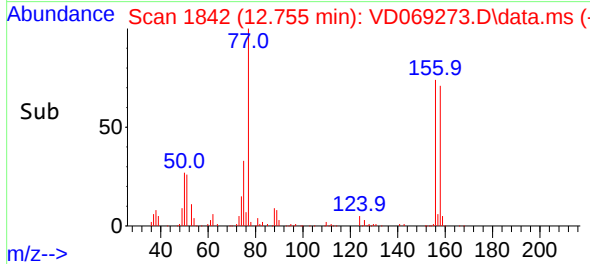




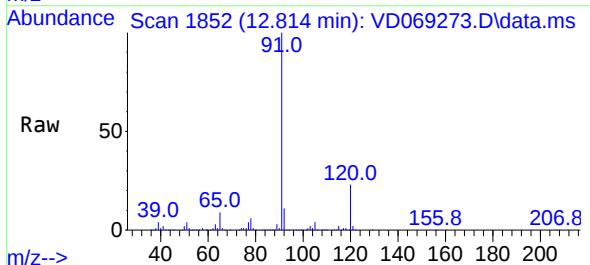
#77
Bromobenzene
Concen: 43.17 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



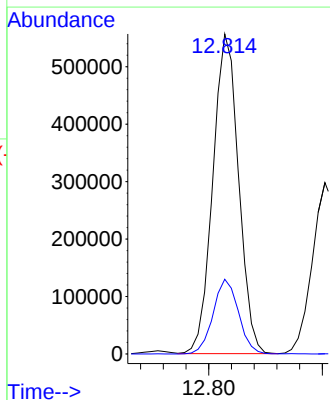
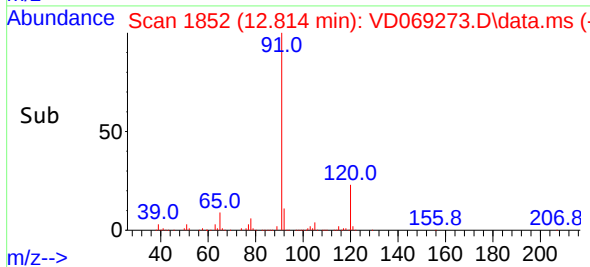
Tgt Ion:156 Resp: 176807
Ion Ratio Lower Upper
156 100
77 175.1 85.8 257.3
158 95.4 47.8 143.4



#78
n-propylbenzene
Concen: 42.06 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



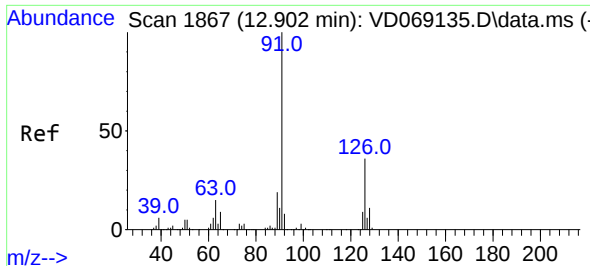
Tgt Ion: 91 Resp: 876016
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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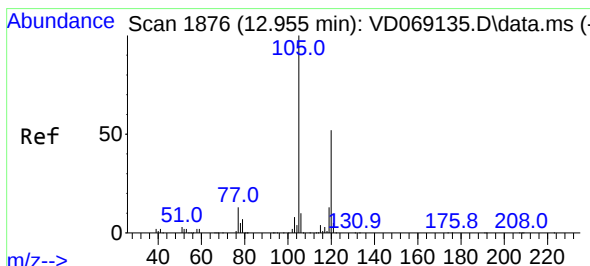
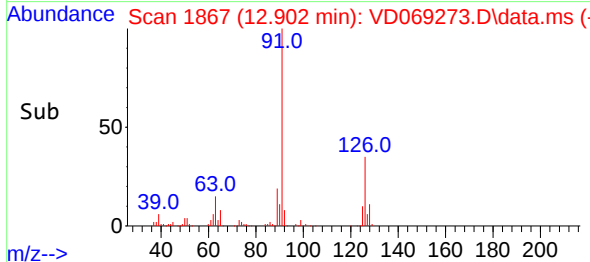
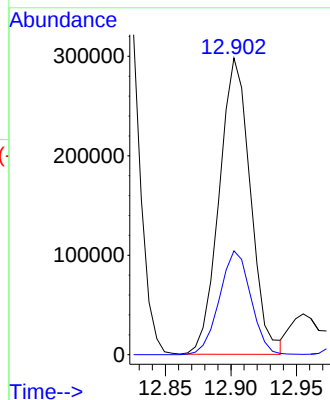
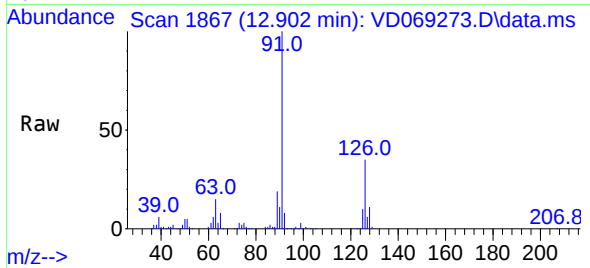
#79
2-Chlorotoluene
Concen: 42.63 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion: 91 Resp: 494003
Ion Ratio Lower Upper
91 100
126 35.2 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

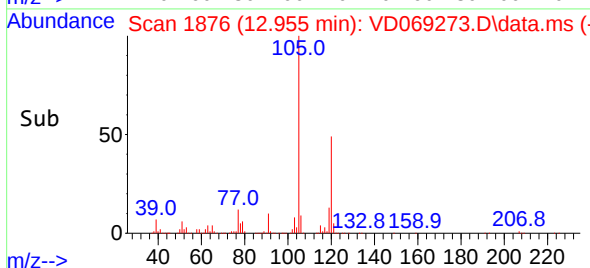
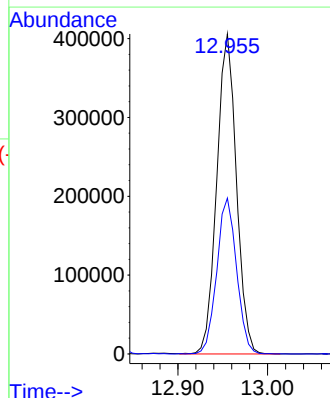
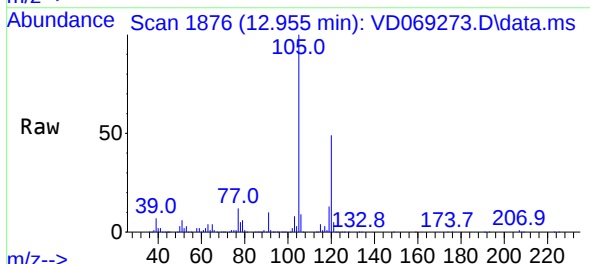
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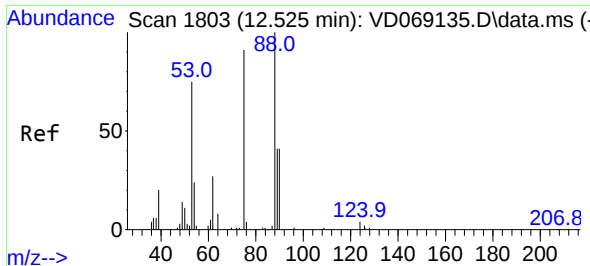
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#80
1,3,5-Trimethylbenzene
Concen: 43.31 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

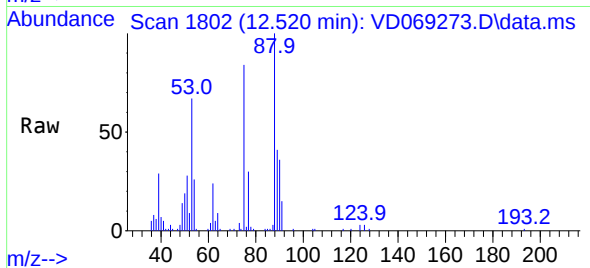
Tgt Ion:105 Resp: 616398
Ion Ratio Lower Upper
105 100
120 49.1 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.06 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

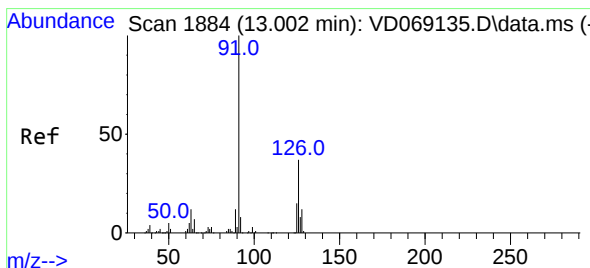
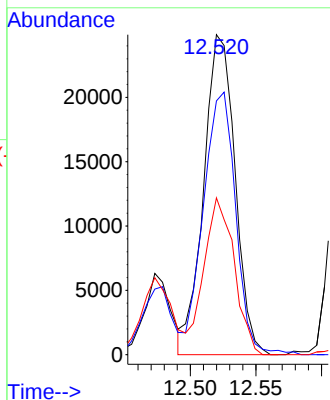
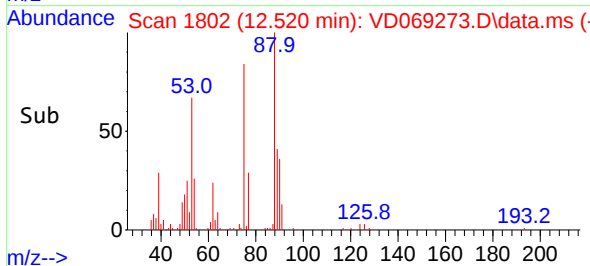
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



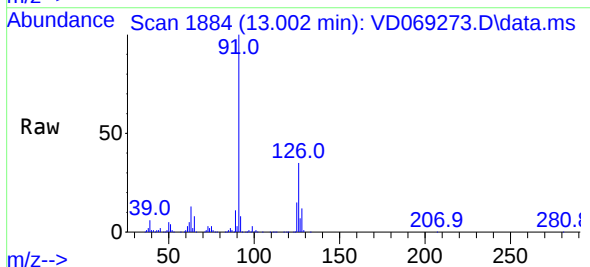
Tgt Ion: 75 Resp: 41407
Ion Ratio Lower Upper
75 100
53 83.5 70.0 105.0
89 47.1 40.2 60.2

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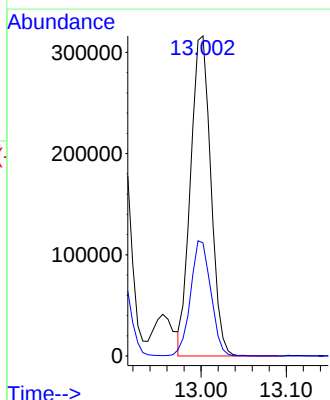
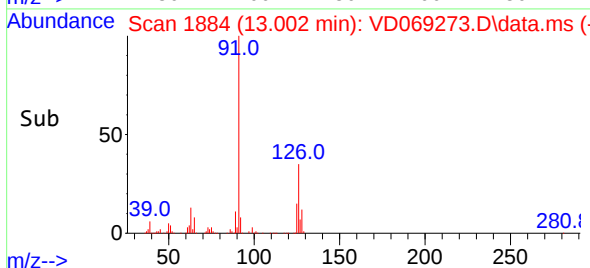
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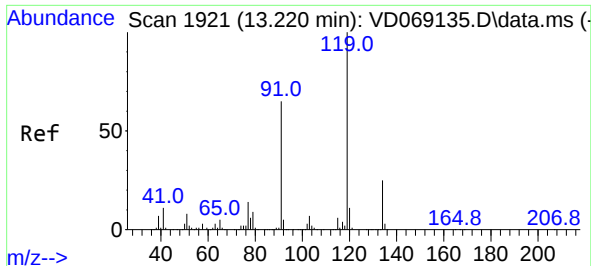


#82
4-Chlorotoluene
Concen: 42.23 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



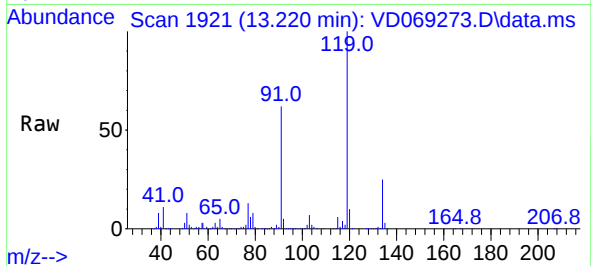
Tgt Ion: 91 Resp: 521322
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





#83
tert-Butylbenzene
Concen: 50.14 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

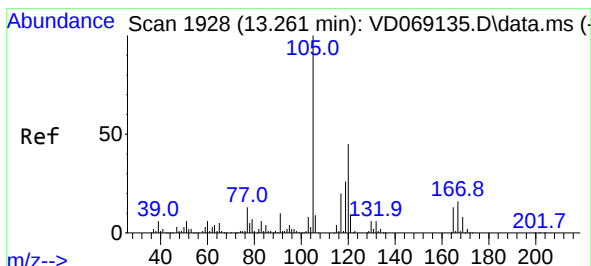
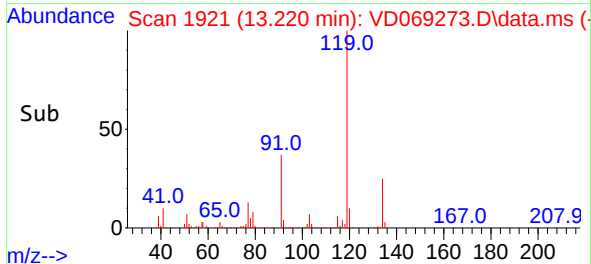
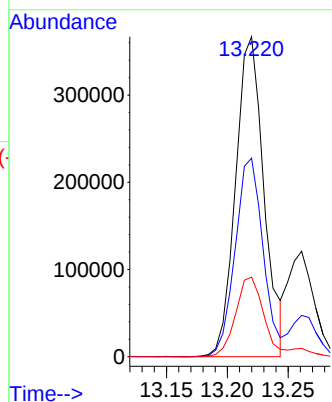
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



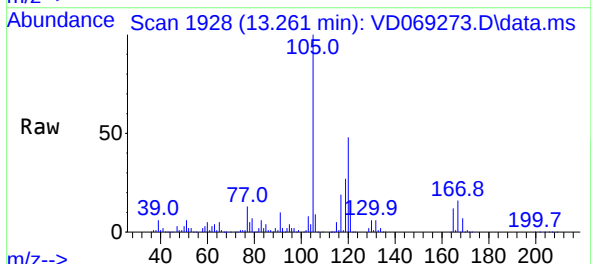
Tgt Ion:119 Resp: 594638
Ion Ratio Lower Upper
119 100
91 61.1 32.5 97.4
134 24.6 13.8 41.3

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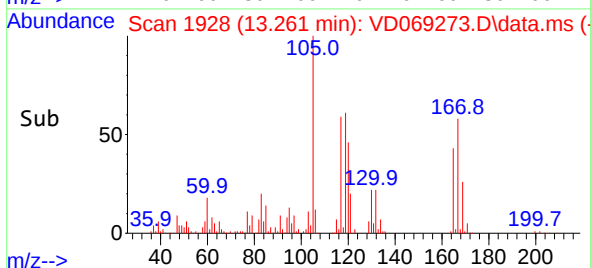
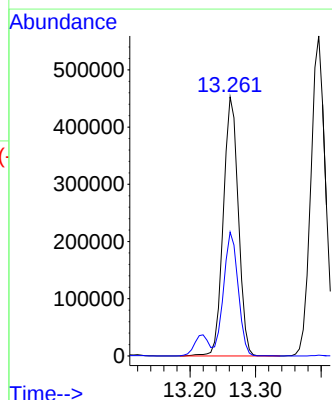
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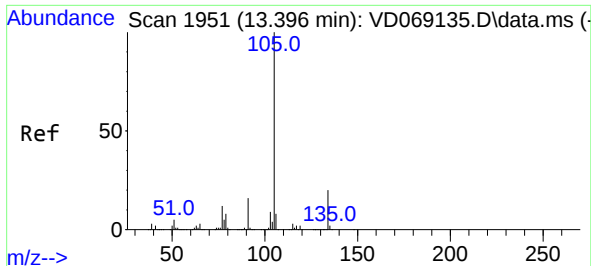


#84
1,2,4-Trimethylbenzene
Concen: 50.09 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



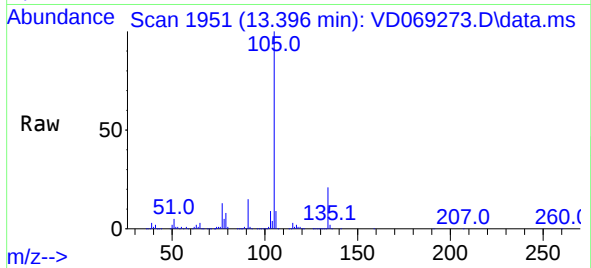
Tgt Ion:105 Resp: 717211
Ion Ratio Lower Upper
105 100
120 46.6 22.8 68.4





#85
sec-Butylbenzene
Concen: 48.35 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

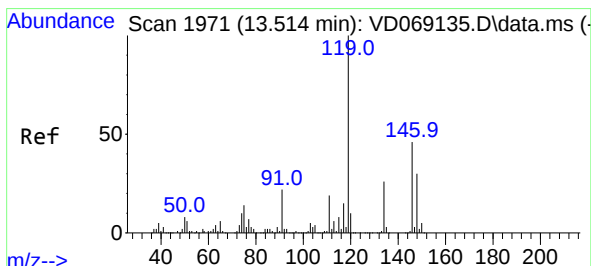
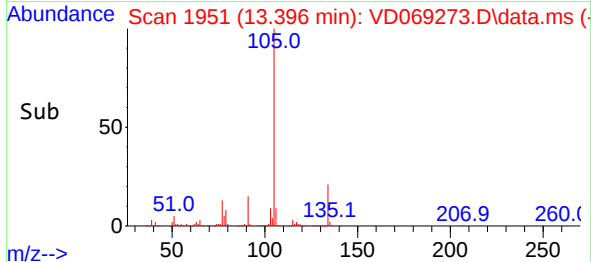
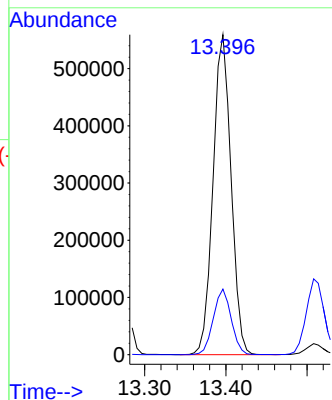
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



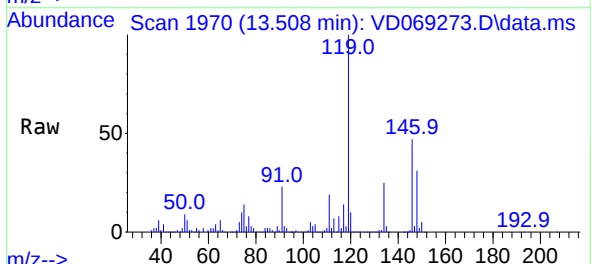
Tgt Ion:105 Resp: 862191
Ion Ratio Lower Upper
105 100
134 20.4 10.3 30.8

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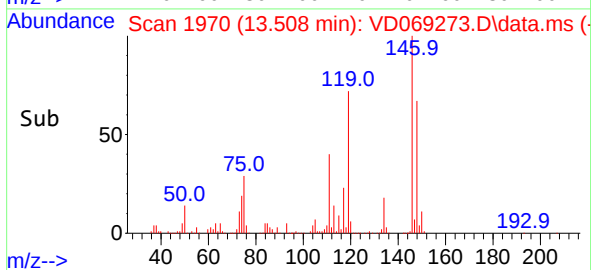
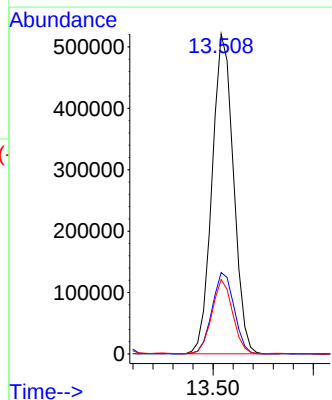
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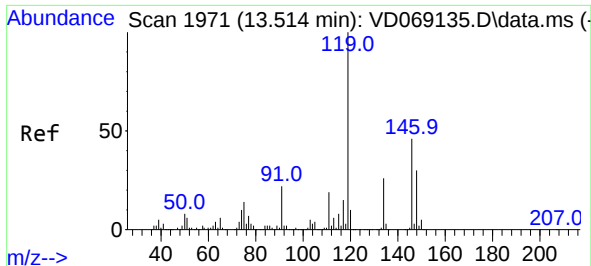


#86
p-Isopropyltoluene
Concen: 49.15 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



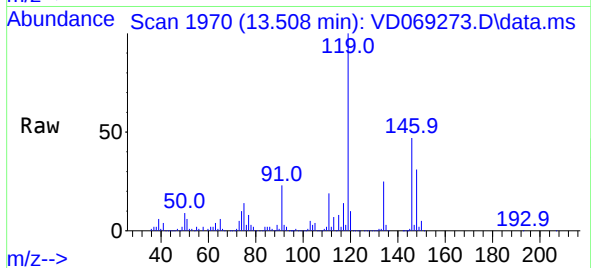
Tgt Ion:119 Resp: 770153
Ion Ratio Lower Upper
119 100
134 26.3 13.2 39.5
91 22.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 49.13 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

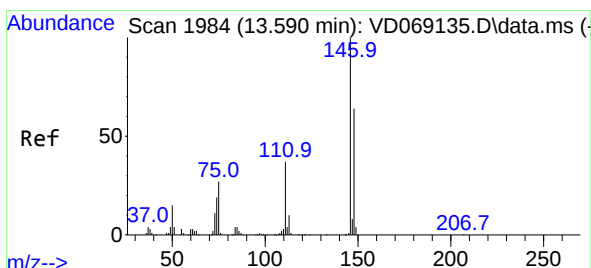
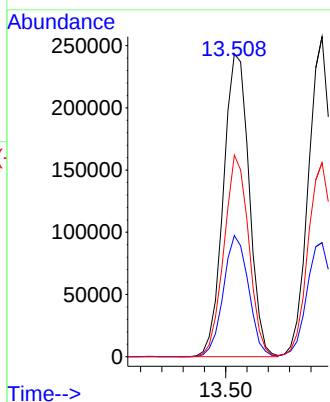
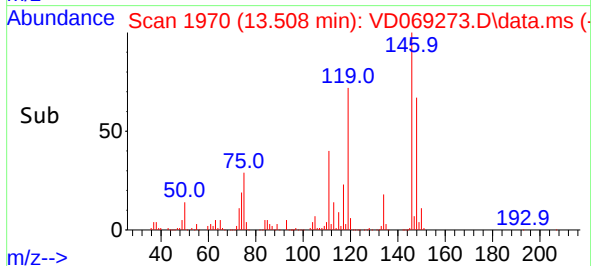
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



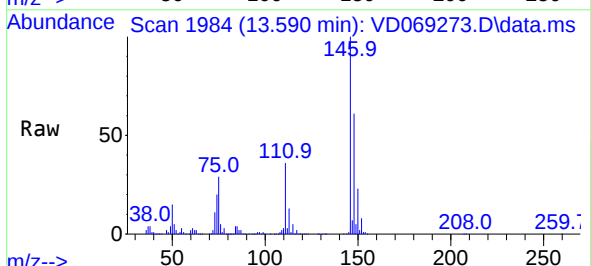
Tgt Ion:146 Resp: 407282
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.6
148 64.4 31.6 94.8

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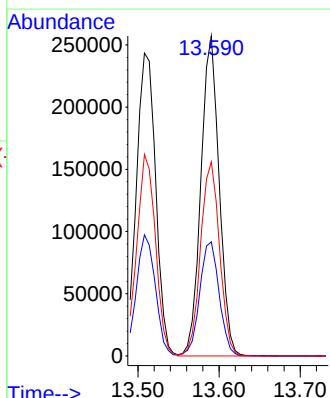
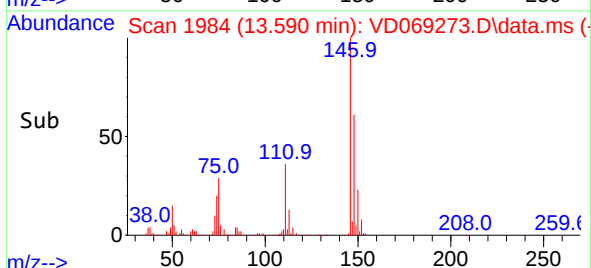
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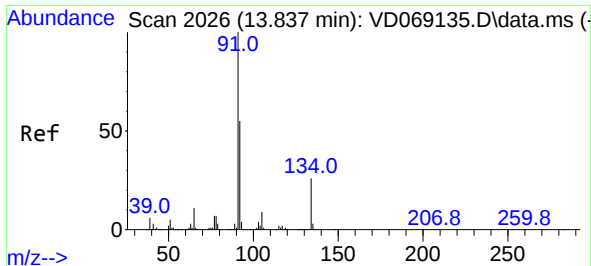


#88
1,4-Dichlorobenzene
Concen: 48.95 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

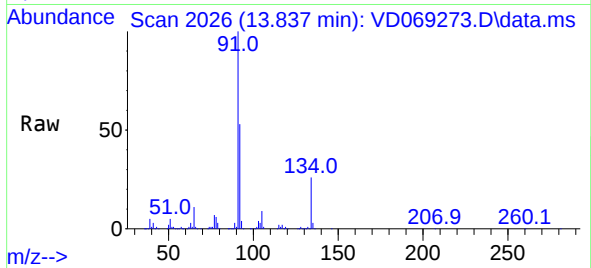


Tgt Ion:146 Resp: 401884
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.2
148 63.0 32.4 97.0

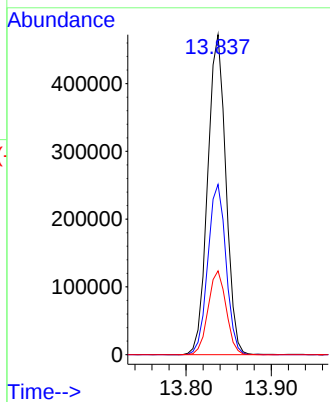
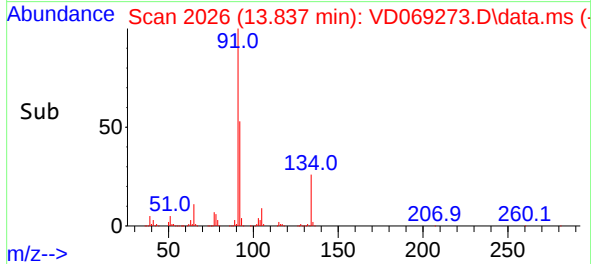




#89
n-Butylbenzene
Concen: 47.96 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



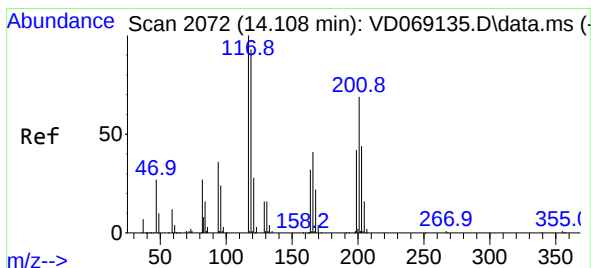
Tgt Ion: 91 Resp: 700123
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 25.9 13.0 39.0



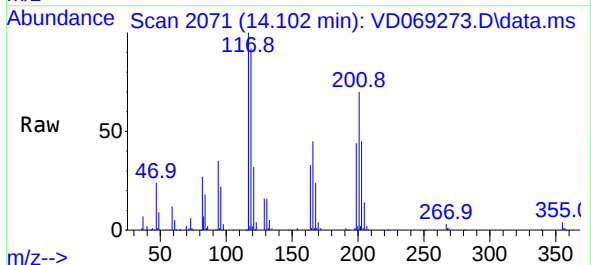
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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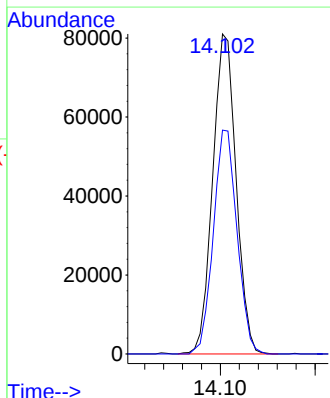
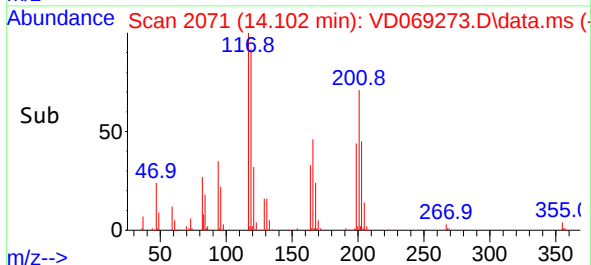
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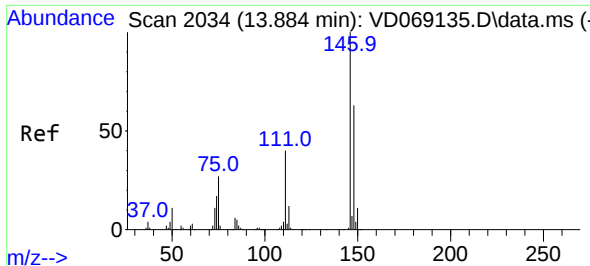


#90
Hexachloroethane
Concen: 47.44 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

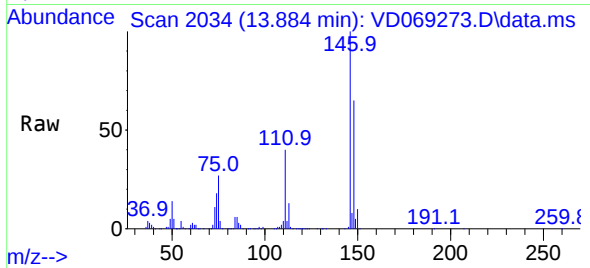


Tgt Ion: 117 Resp: 139288
Ion Ratio Lower Upper
117 100
201 70.8 35.4 106.1

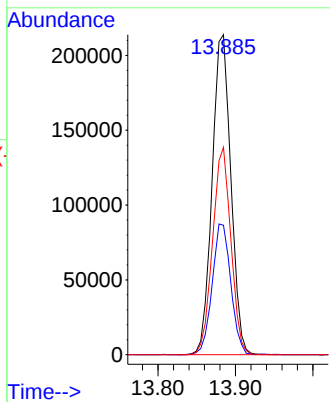
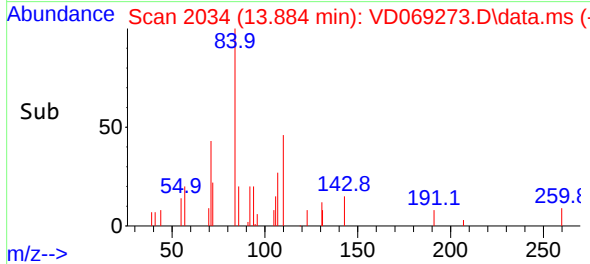




#91
1,2-Dichlorobenzene
Concen: 50.42 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



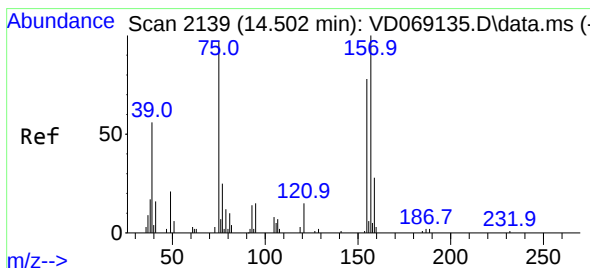
Tgt Ion:146 Resp: 358927
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 63.4 31.3 93.8



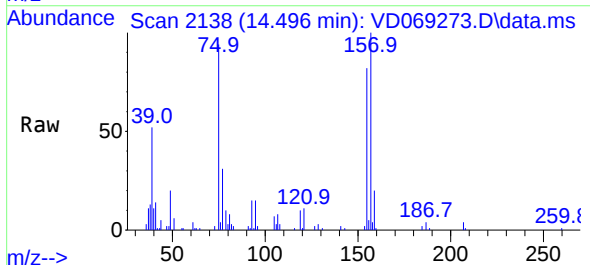
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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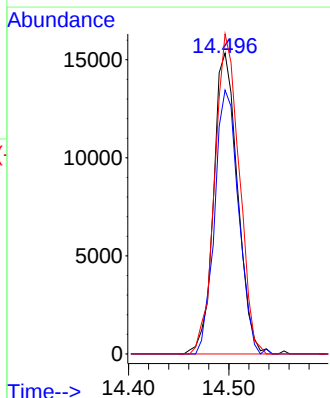
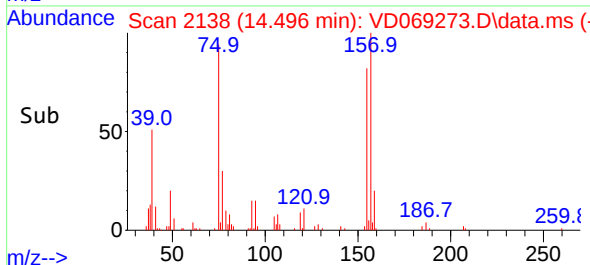
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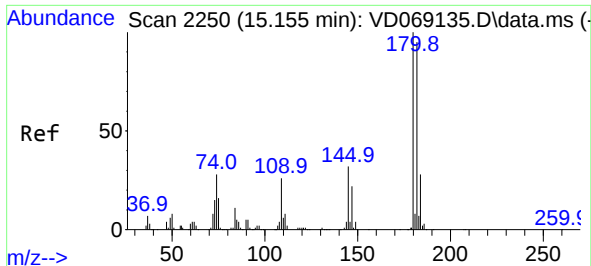


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.49 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

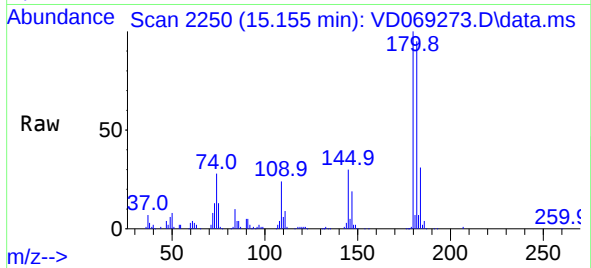


Tgt Ion: 75 Resp: 25483
Ion Ratio Lower Upper
75 100
155 87.7 43.9 131.7
157 108.6 54.9 164.7

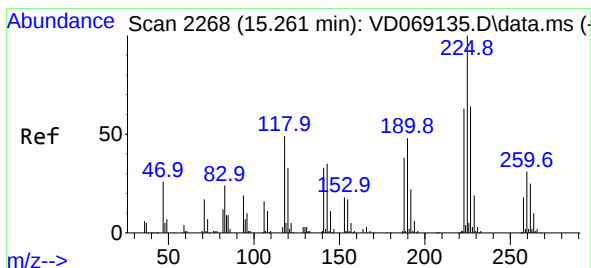
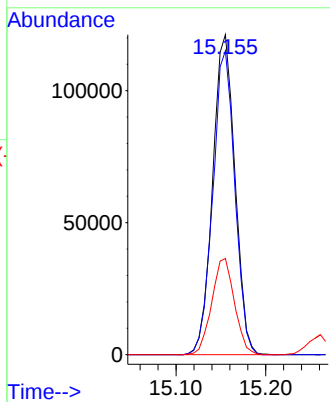
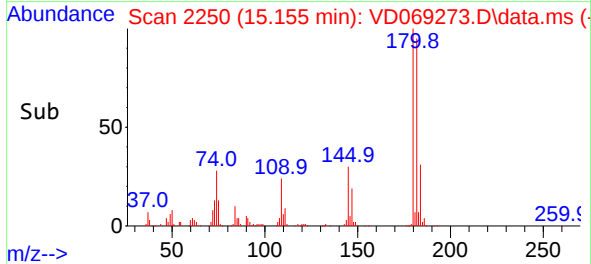




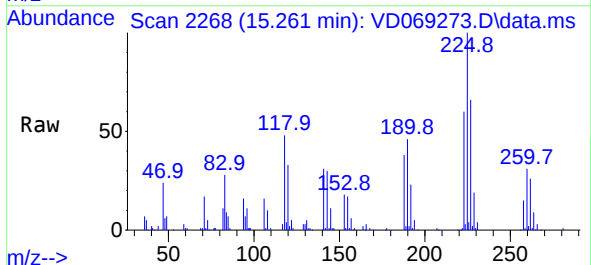
#93
1,2,4-Trichlorobenzene
Concen: 47.84 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



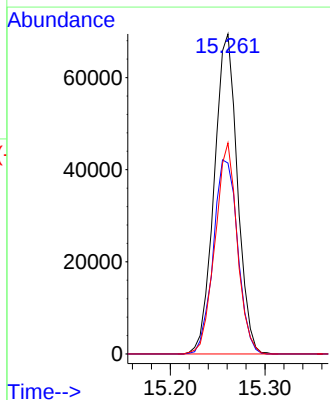
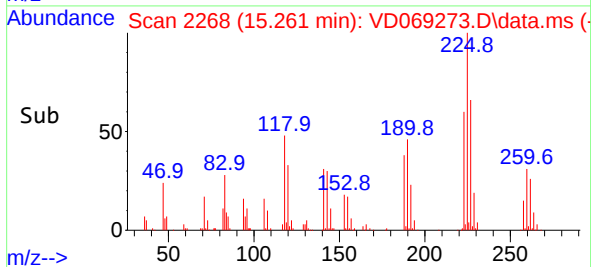
Tgt Ion:180 Resp: 208701
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 30.7 15.6 46.8



#94
Hexachlorobutadiene
Concen: 45.17 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27



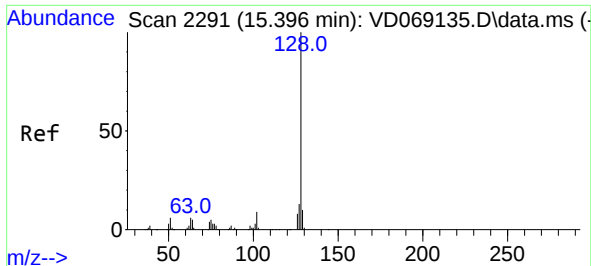
Tgt Ion:225 Resp: 118269
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.5
227 63.1 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:02 AM



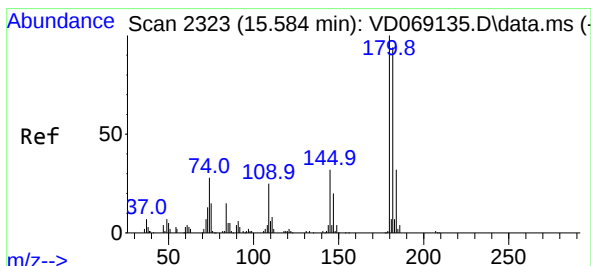
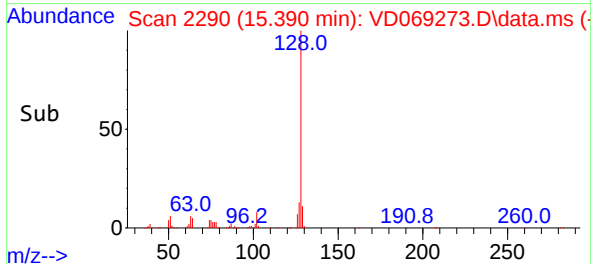
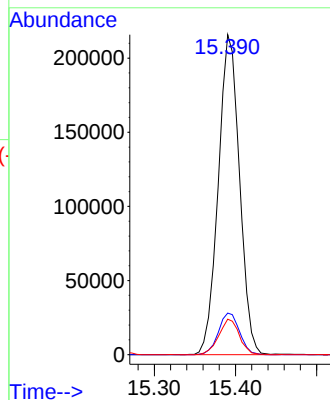
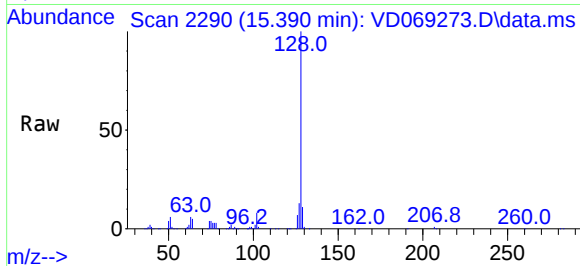
#95
Naphthalene
Concen: 48.65 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	128	Resp:	392748
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:29:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.14 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069273.D
Acq: 25 May 2021 16:27

Tgt Ion:	180	Resp:	187147
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	31.6	16.1	48.3

