

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068102.D
 Acq On : 19 Jan 2021 20:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Jan 20 00:32:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	475375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	842723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	778264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	357845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	232462	51.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	102.24%		
35) Dibromofluoromethane	7.920	113	229498	49.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.52%		
50) Toluene-d8	10.344	98	833707	44.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.48%		
62) 4-Bromofluorobenzene	12.632	95	315670	47.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	260806	46.18	ug/l	98
3) Chloromethane	2.209	50	301193	49.53	ug/l	99
4) Vinyl Chloride	2.350	62	339161	50.14	ug/l	97
5) Bromomethane	2.768	94	233055	50.24	ug/l	99
6) Chloroethane	2.926	64	216278	52.34	ug/l	94
7) Trichlorofluoromethane	3.279	101	422086	47.54	ug/l	98
8) Diethyl Ether	3.715	74	143415	54.86	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	248019	47.90	ug/l	94
10) Methyl Iodide	4.309	142	282208	48.68	ug/l	94
11) Tert butyl alcohol	5.220	59	141931	381.83	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	247292	47.48	ug/l	91
13) Acrolein	3.926	56	101531	283.32	ug/l	99
14) Allyl chloride	4.720	41	383318	50.60	ug/l	96
15) Acrylonitrile	5.426	53	315754	304.93	ug/l	99
16) Acetone	4.162	43	243013	299.29	ug/l	93
17) Carbon Disulfide	4.414	76	811059	48.35	ug/l	99
18) Methyl Acetate	4.720	43	132009	62.64	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	697324	57.91	ug/l	93
20) Methylene Chloride	4.973	84	313698	55.82	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	293986	49.17	ug/l	94
22) Diisopropyl ether	6.367	45	822949	53.84	ug/l #	93
23) Vinyl Acetate	6.309	43	2395911	294.03	ug/l	97
24) 1,1-Dichloroethane	6.273	63	505012	50.99	ug/l	99
25) 2-Butanone	7.220	43	380474	311.20	ug/l	99
26) 2,2-Dichloropropane	7.214	77	441260	47.09	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	333010	51.30	ug/l	91
28) Bromochloromethane	7.550	49	180587	53.52	ug/l #	78
29) Tetrahydrofuran	7.567	42	247608	312.42	ug/l	93
30) Chloroform	7.714	83	520612	52.02	ug/l	100
31) Cyclohexane	7.991	56	443442	45.03	ug/l	92
32) 1,1,1-Trichloroethane	7.908	97	442546	49.06	ug/l	95
36) 1,1-Dichloropropene	8.114	75	395972	46.59	ug/l	96
37) Ethyl Acetate	7.297	43	179797	59.81	ug/l	95
38) Carbon Tetrachloride	8.103	117	373586	46.97	ug/l	97
39) Methylcyclohexane	9.361	83	507901	45.71	ug/l	97
40) Benzene	8.355	78	1167236	49.12	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	92833	51.17	ug/l	93
42) 1,2-Dichloroethane	8.426	62	338891	53.38	ug/l	99
43) Isopropyl Acetate	8.455	43	361538	57.71	ug/l	93
44) Trichloroethene	9.114	130	315128	48.29	ug/l	96
45) 1,2-Dichloropropane	9.391	63	295884	50.85	ug/l	98
46) Dibromomethane	9.479	93	161332	54.72	ug/l	93
47) Bromodichloromethane	9.661	83	413696	52.00	ug/l	98
48) Methyl methacrylate	9.461	41	166842	53.51	ug/l	95
49) 1,4-Dioxane	9.461	88	39629	1146.94	ug/l #	85
51) 4-Methyl-2-Pentanone	10.232	43	884254	303.65	ug/l	97
52) Toluene	10.408	92	750737	48.49	ug/l	97
53) t-1,3-Dichloropropene	10.626	75	431212	53.55	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	486419	50.75	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	227377	54.42	ug/l	94
56) Ethyl methacrylate	10.661	69	312074	56.07	ug/l #	92
57) 1,3-Dichloropropane	10.949	76	392615	53.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	695470	270.76	ug/l	92
59) 2-Hexanone	10.985	43	608797	301.59	ug/l	97
60) Dibromochloromethane	11.144	129	280031	53.45	ug/l	100
61) 1,2-Dibromoethane	11.249	107	226476	54.93	ug/l	99
64) Tetrachloroethene	10.879	164	251123	45.78	ug/l	97
65) Chlorobenzene	11.673	112	793028	47.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	286268	49.22	ug/l	97
67) Ethyl Benzene	11.743	91	1443037	47.13	ug/l	97
68) m/p-Xylenes	11.855	106	1086813	94.02	ug/l	98
69) o-Xylene	12.179	106	512946	47.78	ug/l	97
70) Styrene	12.196	104	894414	48.81	ug/l	99
71) Bromoform	12.361	173	159369	54.06	ug/l #	99
73) Isopropylbenzene	12.479	105	1358482	45.62	ug/l	100
74) N-amyl acetate	12.291	43	340206	54.97	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	257126	54.29	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	196677m	56.84	ug/l	
77) Bromobenzene	12.761	156	313012	49.03	ug/l	86
78) n-propylbenzene	12.820	91	1579513	44.84	ug/l	98
79) 2-Chlorotoluene	12.908	91	913264	46.17	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	1134427	45.74	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	91279	53.38	ug/l	97
82) 4-Chlorotoluene	13.002	91	963479	46.85	ug/l	96
83) tert-Butylbenzene	13.226	119	949155	45.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	1144522	46.50	ug/l	100
85) sec-Butylbenzene	13.402	105	1321426	44.96	ug/l	98
86) p-Isopropyltoluene	13.514	119	1198319	44.82	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	584960	47.66	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	577060	47.72	ug/l	99
89) n-Butylbenzene	13.843	91	1148949	44.78	ug/l	99
90) Hexachloroethane	14.114	117	220767	45.71	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	513919	48.88	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	43265	55.82	ug/l	84
93) 1,2,4-Trichlorobenzene	15.161	180	347422	48.20	ug/l	98
94) Hexachlorobutadiene	15.267	225	180375	45.14	ug/l	98
95) Naphthalene	15.396	128	716239	53.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	305844	50.31	ug/l	98

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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

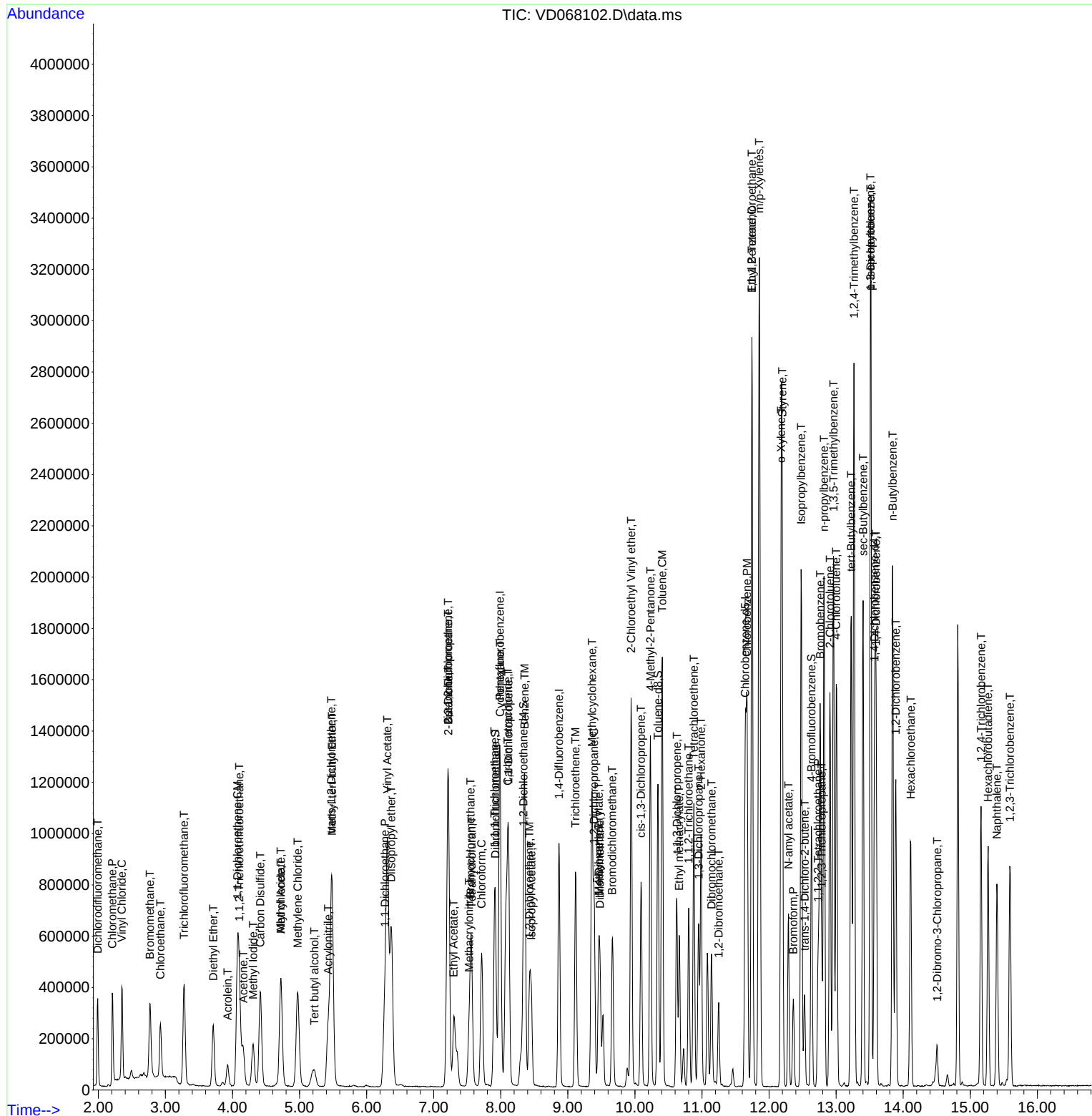
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
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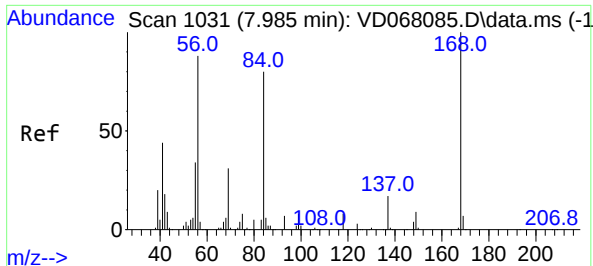
Instrument :
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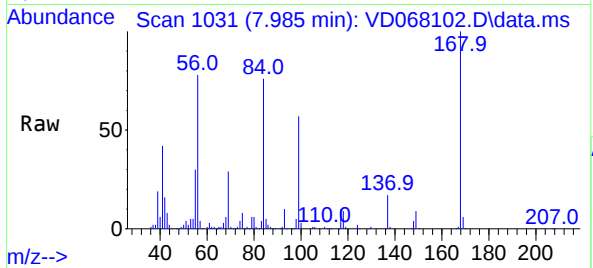
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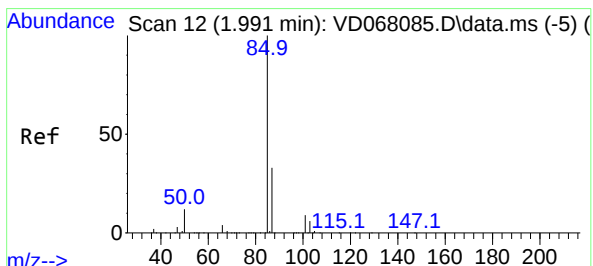
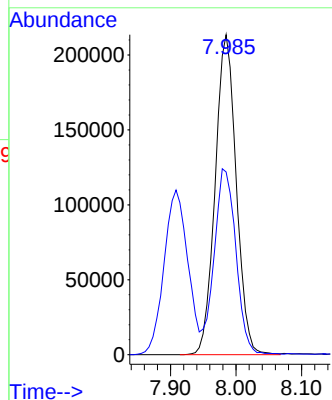
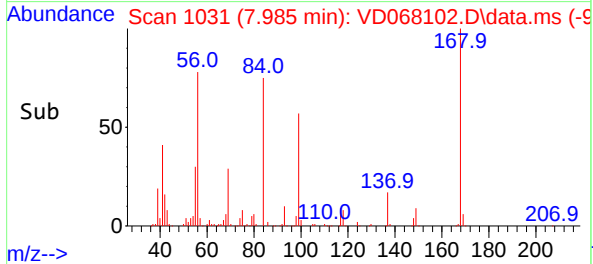




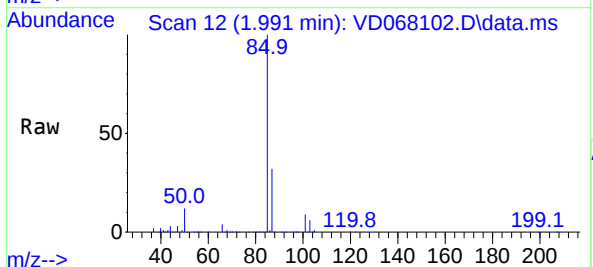
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068102.D
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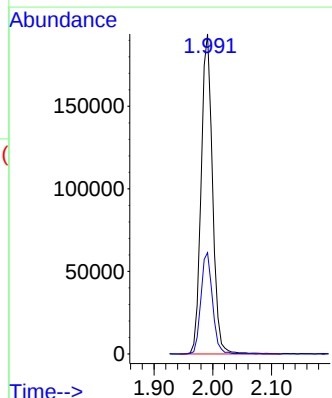
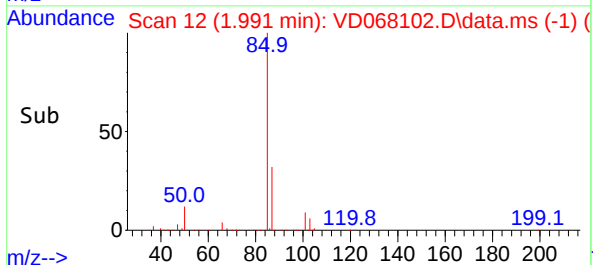
Tgt Ion: 168 Resp: 475375
Ion Ratio Lower Upper
168 100
99 56.9 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 46.18 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



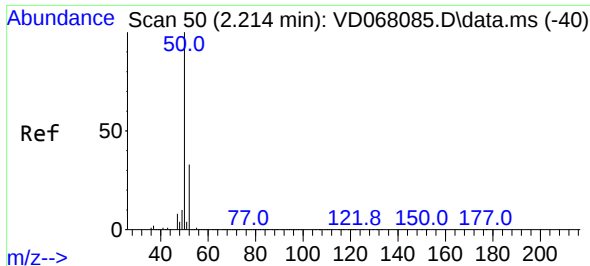
Tgt Ion: 85 Resp: 260806
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.1



Instrument :
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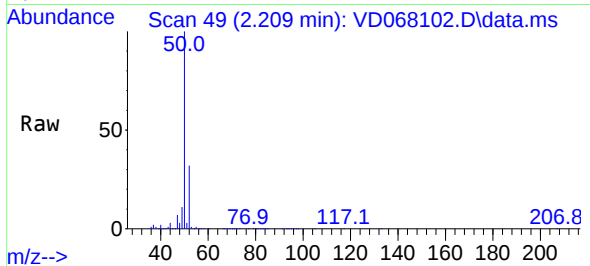
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#3
Chloromethane
Concen: 49.53 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.005 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

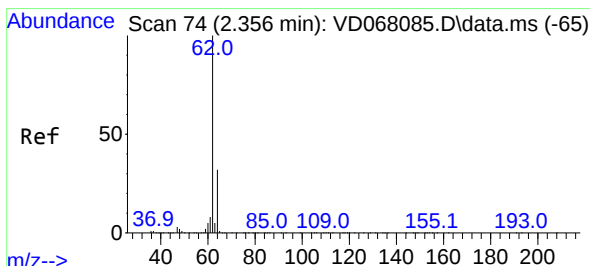
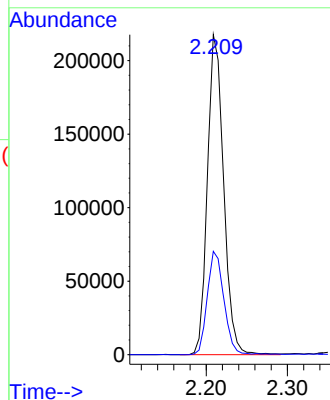
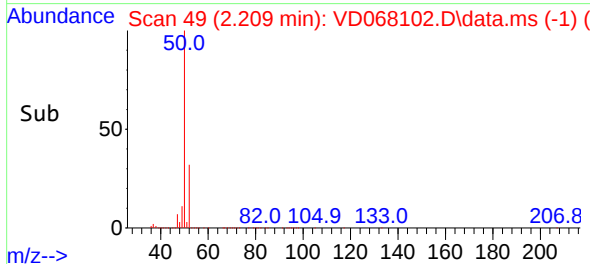
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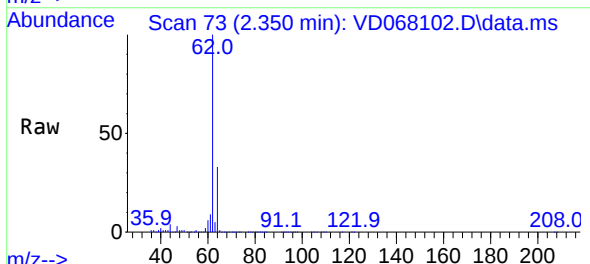
Tgt Ion: 50 Resp: 301193
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

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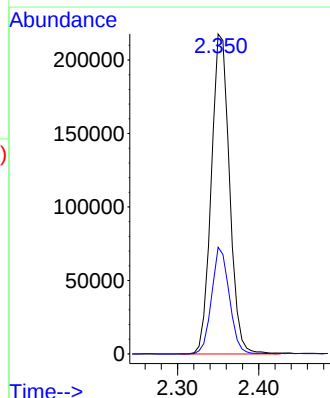
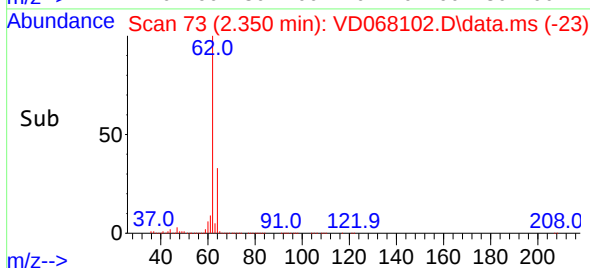
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#4
Vinyl Chloride
Concen: 50.14 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

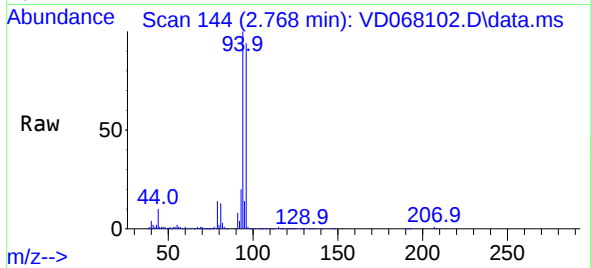


Tgt Ion: 62 Resp: 339161
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.2

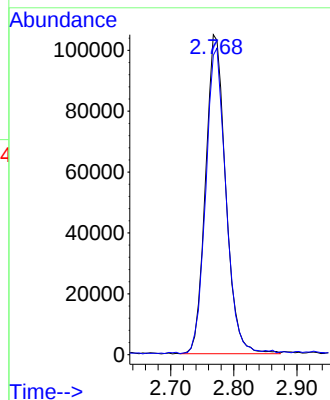




#5
Bromomethane
Concen: 50.24 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



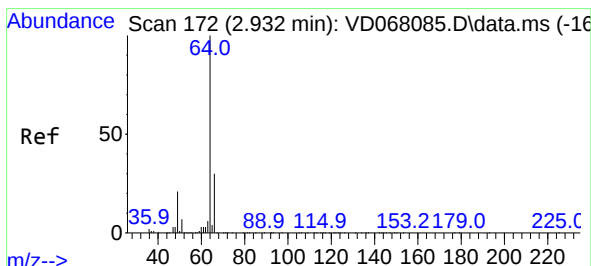
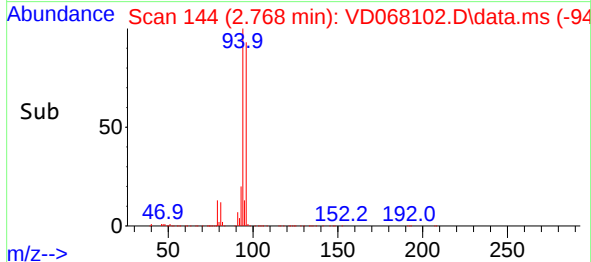
Tgt Ion: 94 Resp: 233055
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



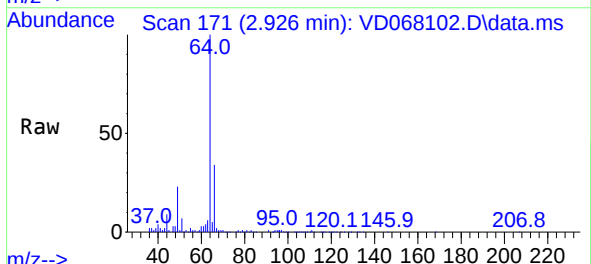
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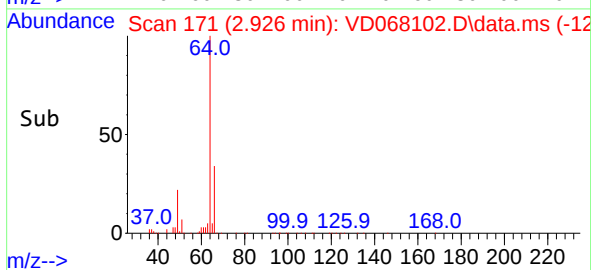
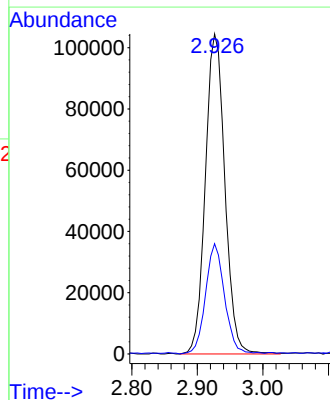
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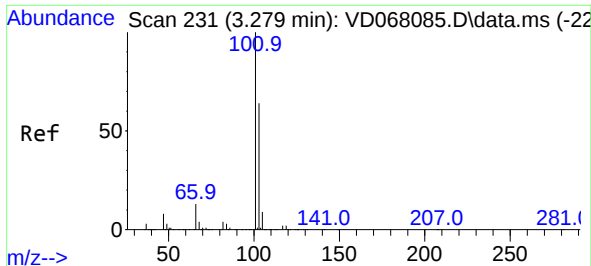


#6
Chloroethane
Concen: 52.34 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 64 Resp: 216278
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7





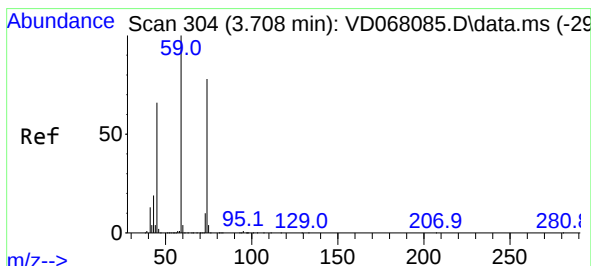
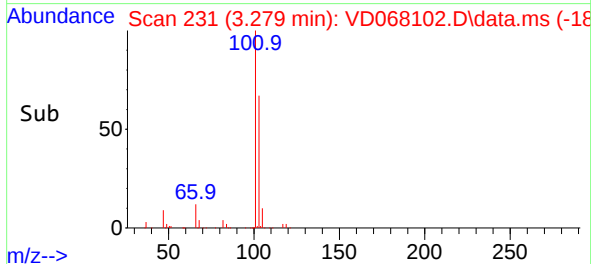
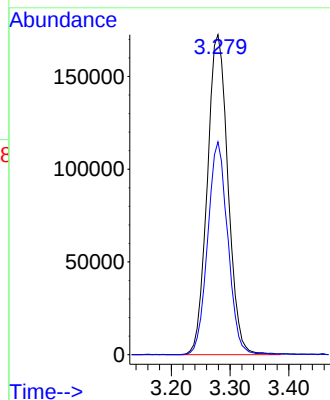
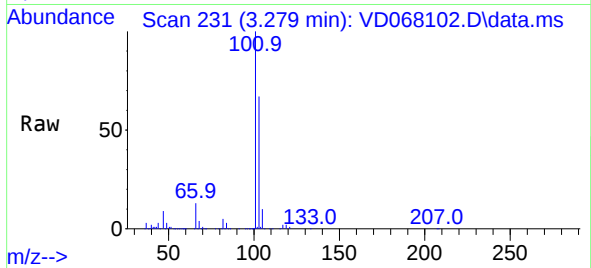
#7
Trichlorofluoromethane
Concen: 47.54 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:101 Resp: 422086
Ion Ratio Lower Upper
101 100
103 66.5 52.0 78.0

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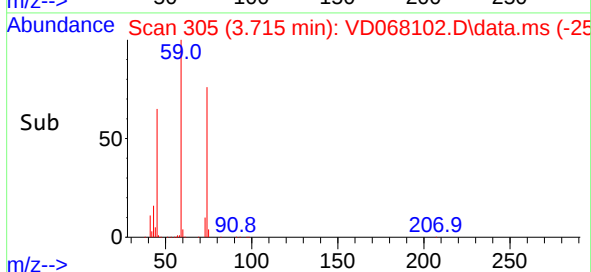
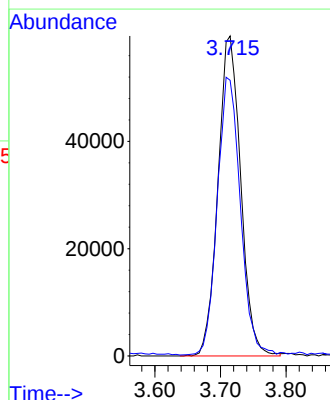
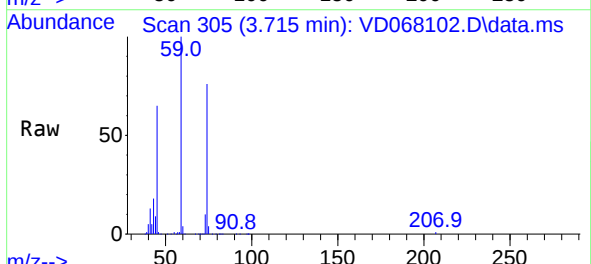
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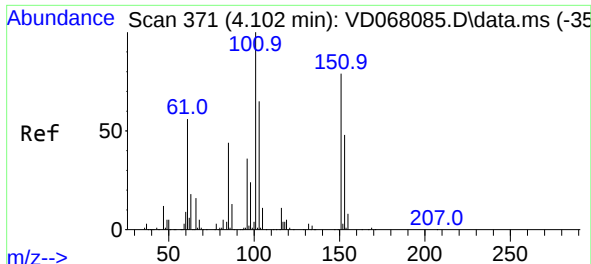
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#8
Diethyl Ether
Concen: 54.86 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.007 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 74 Resp: 143415
Ion Ratio Lower Upper
74 100
45 88.2 42.1 126.4





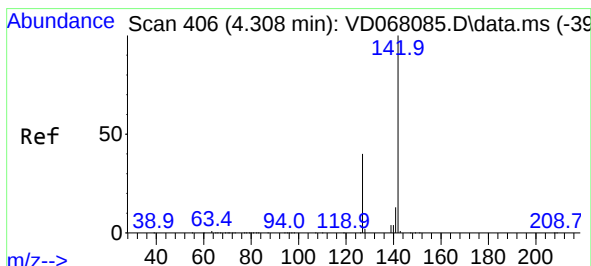
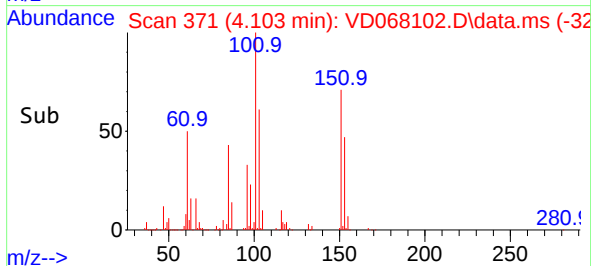
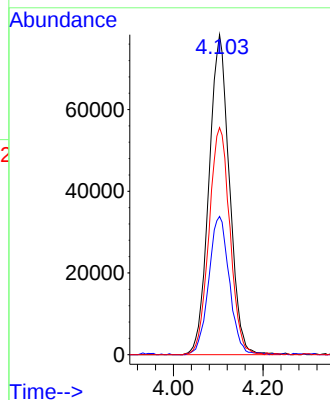
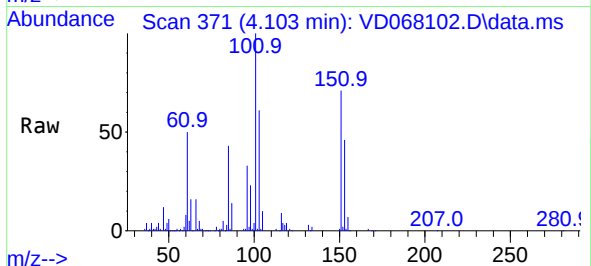
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.90 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.001 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:101 Resp: 248019
Ion Ratio Lower Upper
101 100
85 43.6 34.0 51.0
151 72.6 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

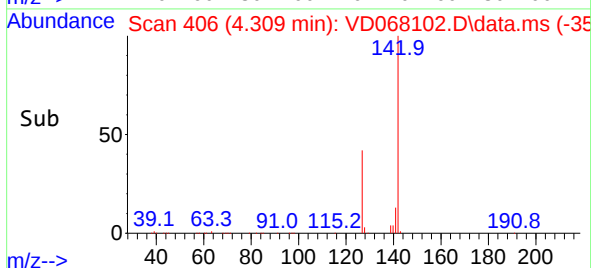
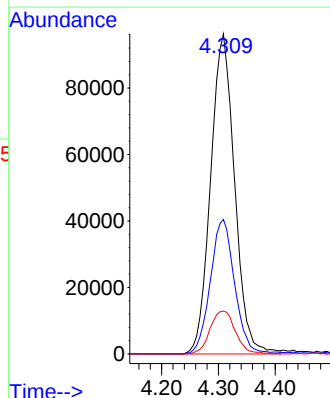
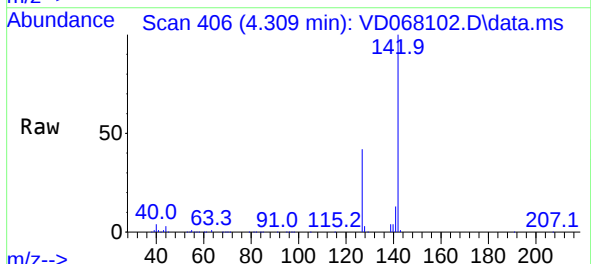
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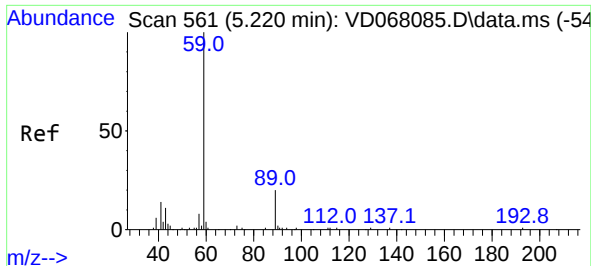
MMDadoda
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#10
Methyl Iodide
Concen: 48.68 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

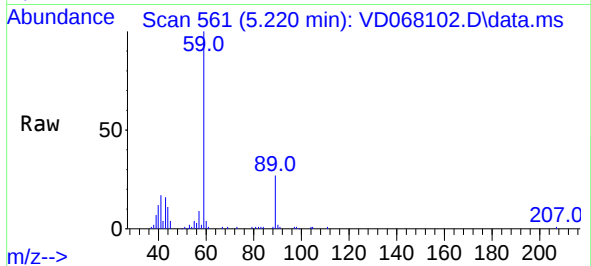
Tgt Ion:142 Resp: 282208
Ion Ratio Lower Upper
142 100
127 42.4 37.9 56.9
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 381.83 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

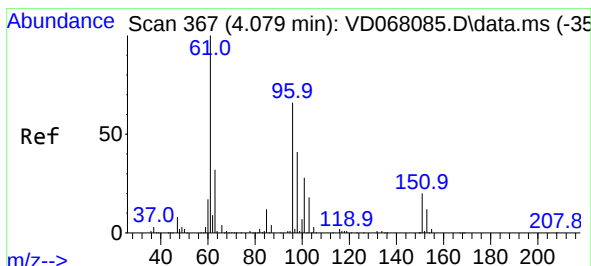
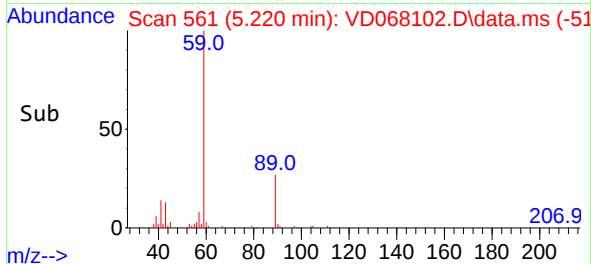
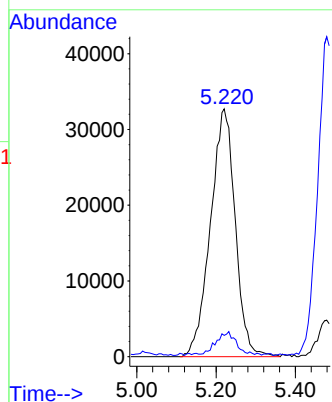
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



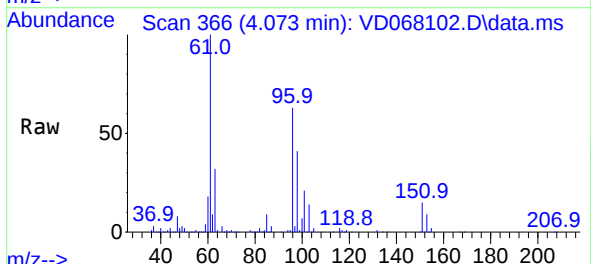
Tgt Ion: 59 Resp: 141931
Ion Ratio Lower Upper
59 100
57 7.1 7.4 11.2#

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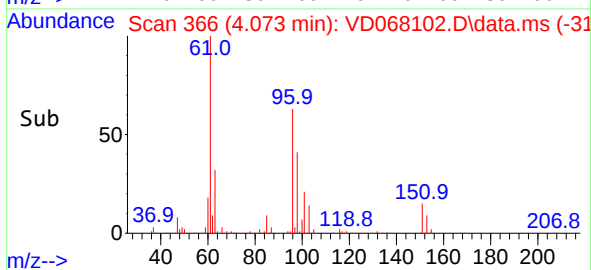
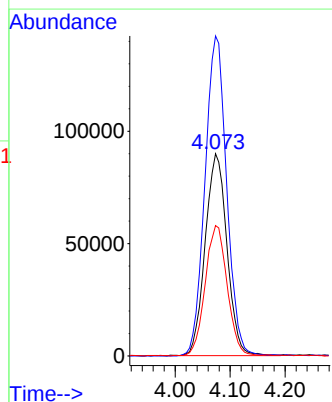
MMDadoda
1/20/2021 4:57:06 PM

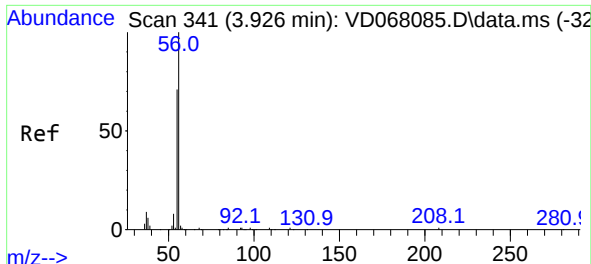


#12
1,1-Dichloroethene
Concen: 47.48 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 96 Resp: 247292
Ion Ratio Lower Upper
96 100
61 158.2 116.2 174.4
98 64.4 48.6 73.0





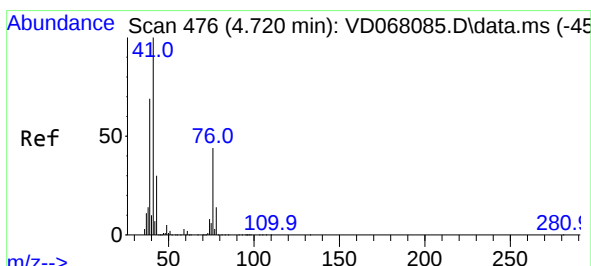
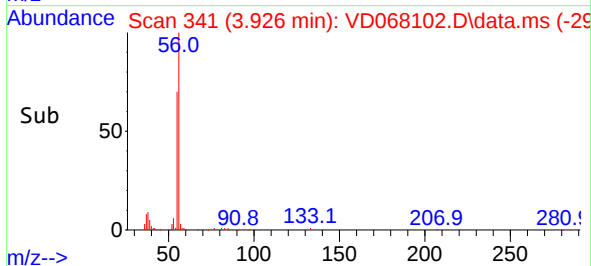
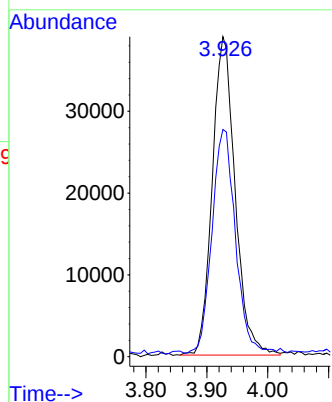
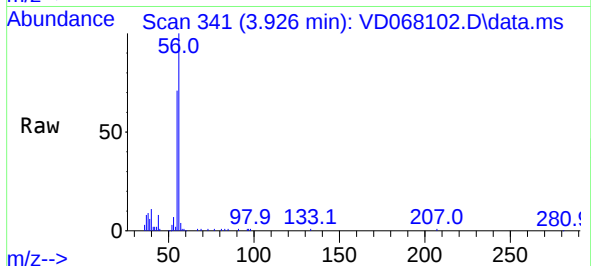
#13
Acrolein
Concen: 283.32 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 56 Resp: 101531
Ion Ratio Lower Upper
56 100
55 71.8 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

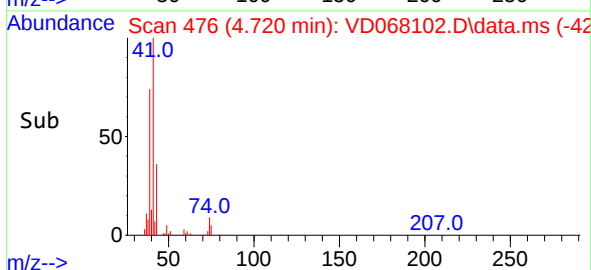
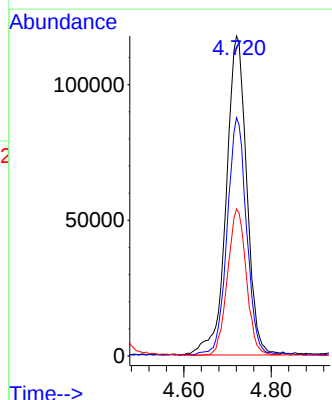
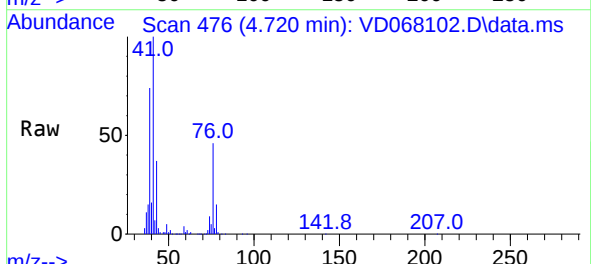
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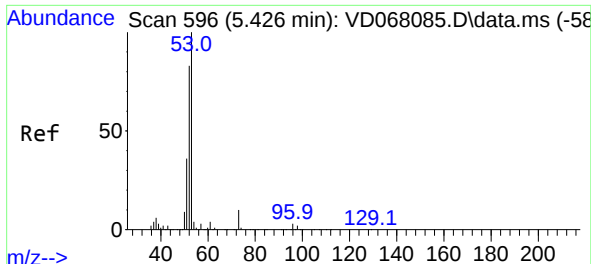
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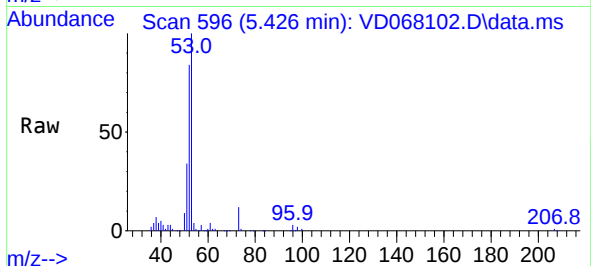
#14
Allyl chloride
Concen: 50.60 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 41 Resp: 383318
Ion Ratio Lower Upper
41 100
39 70.6 56.3 84.5
76 42.3 38.9 58.3

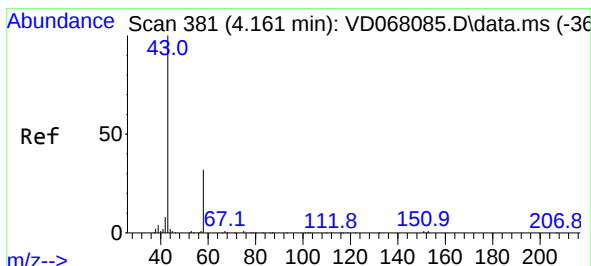
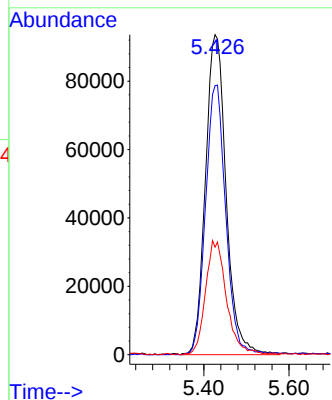
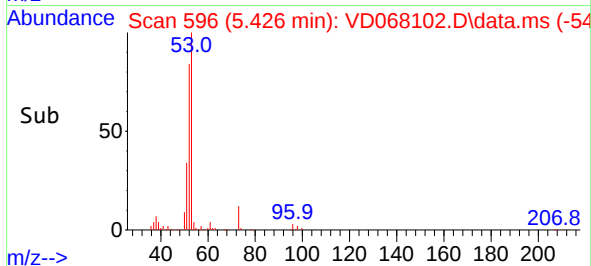




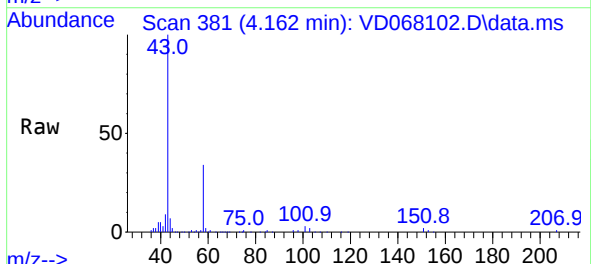
#15
Acrylonitrile
Concen: 304.93 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



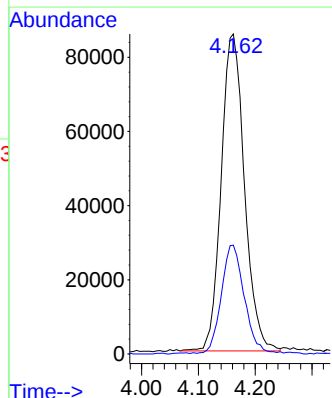
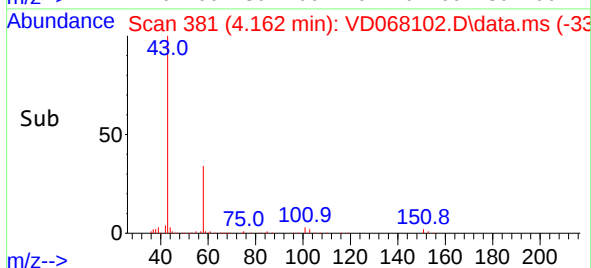
Tgt Ion: 53 Resp: 315754
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 36.2 29.0 43.4



#16
Acetone
Concen: 299.29 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



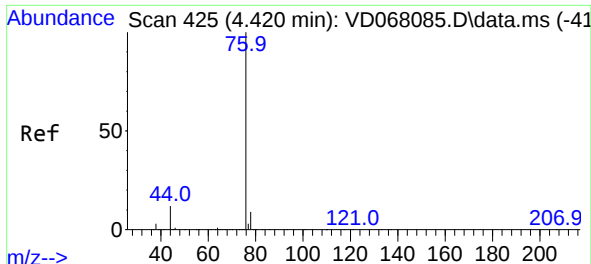
Tgt Ion: 43 Resp: 243013
Ion Ratio Lower Upper
43 100
58 34.1 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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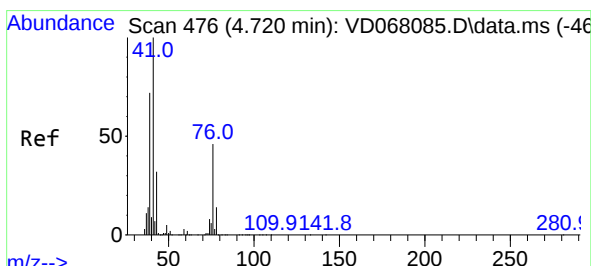
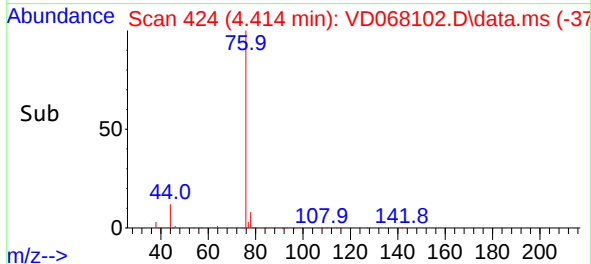
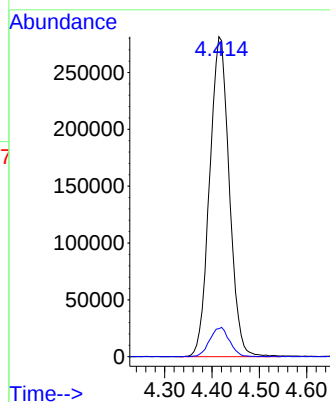
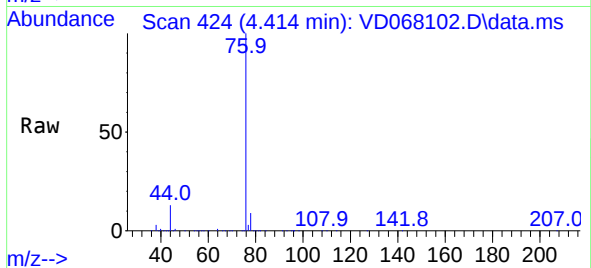
#17
Carbon Disulfide
Concen: 48.35 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 76 Resp: 811059
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

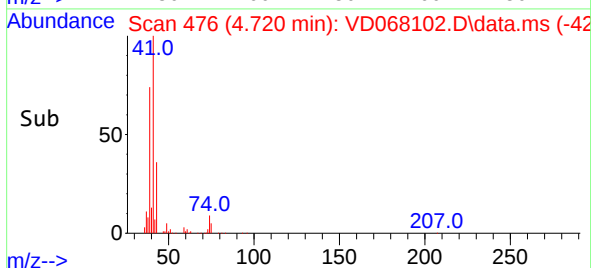
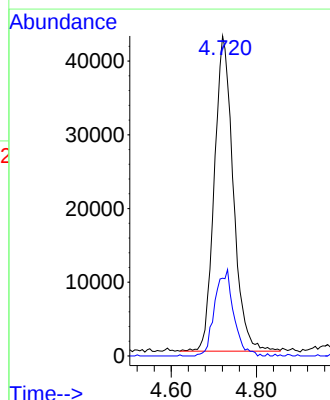
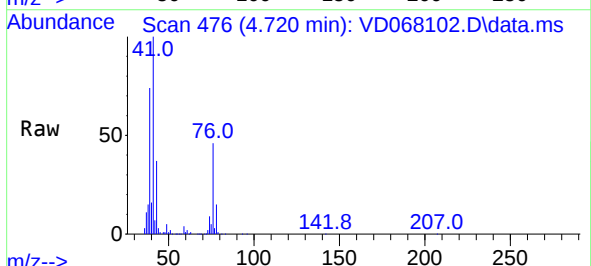
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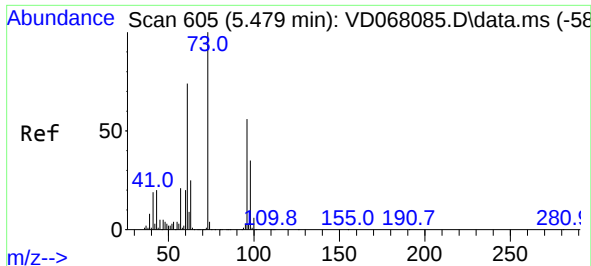
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#18
Methyl Acetate
Concen: 62.64 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 43 Resp: 132009
Ion Ratio Lower Upper
43 100
74 27.3 25.4 38.0





#19

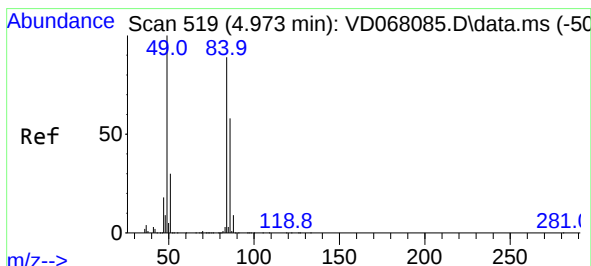
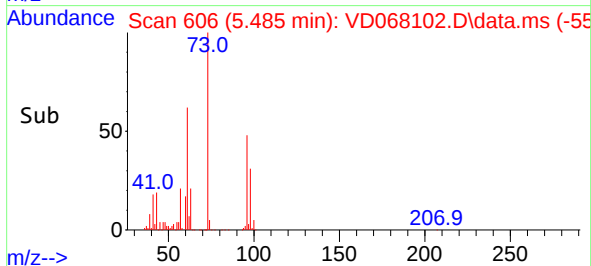
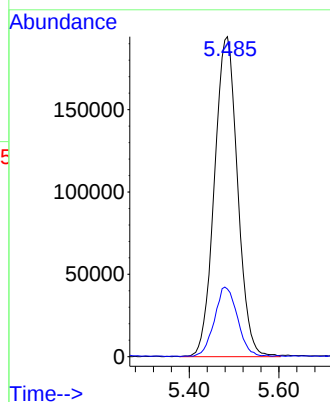
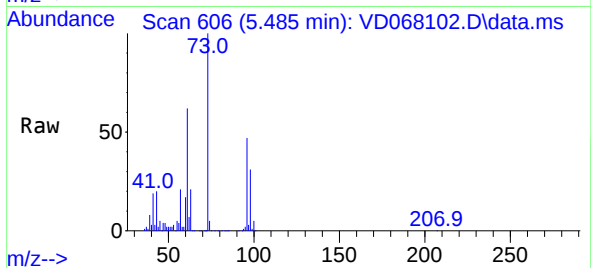
Methyl tert-butyl Ether
Concen: 57.91 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 73 Resp: 697324
Ion Ratio Lower Upper
73 100
57 21.0 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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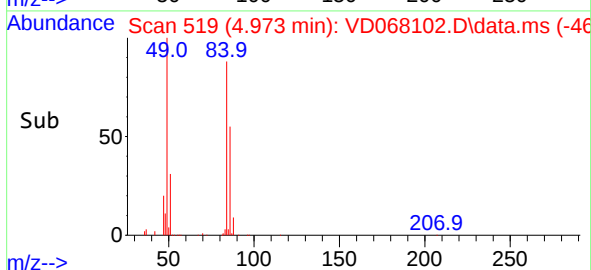
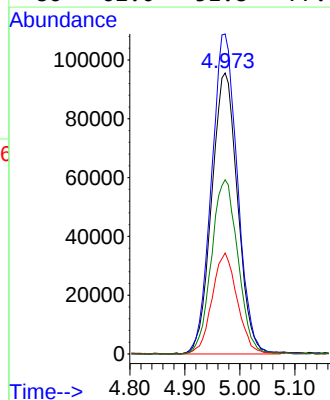
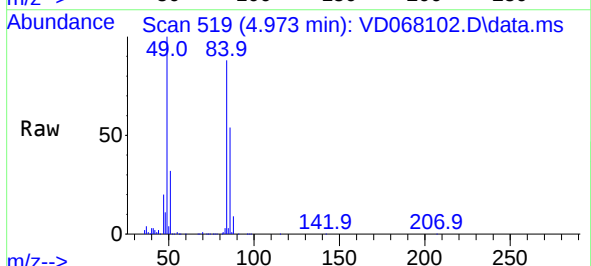
MMDadoda
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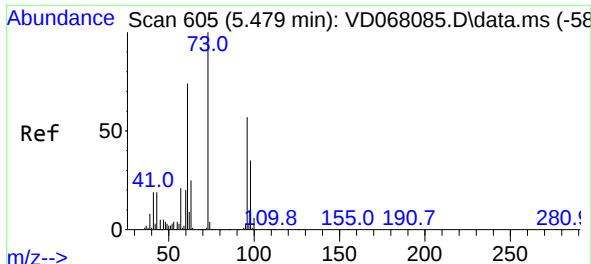


#20

Methylene Chloride
Concen: 55.82 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

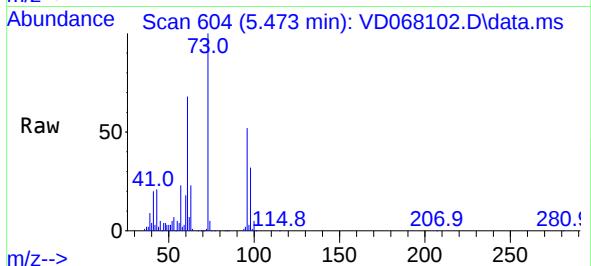
Tgt Ion: 84 Resp: 313698
Ion Ratio Lower Upper
84 100
49 113.9 77.4 116.2
51 36.0 26.1 39.1
86 62.0 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 49.17 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

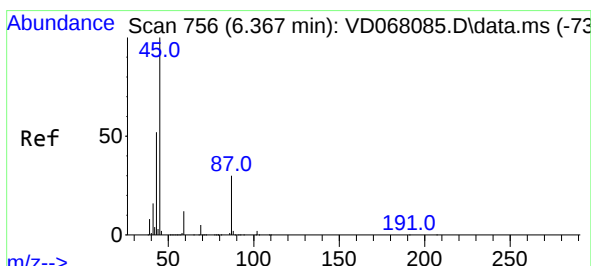
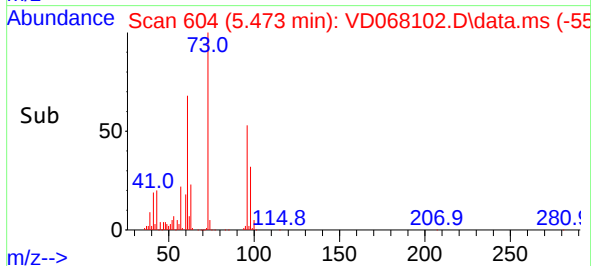
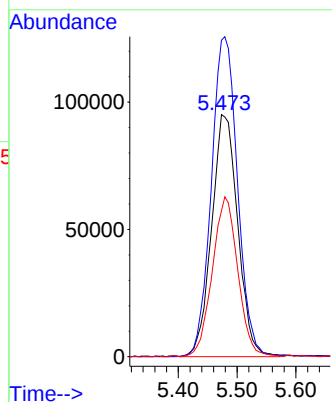
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



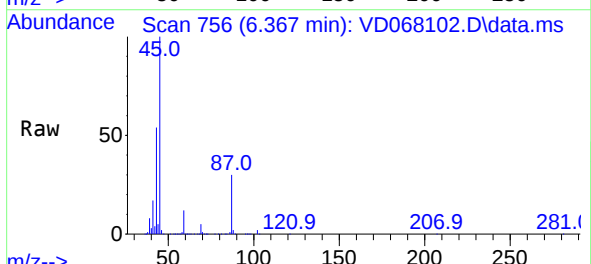
Tgt Ion: 96 Resp: 293986
Ion Ratio Lower Upper
96 100
61 130.6 96.7 145.1
98 60.2 47.6 71.4

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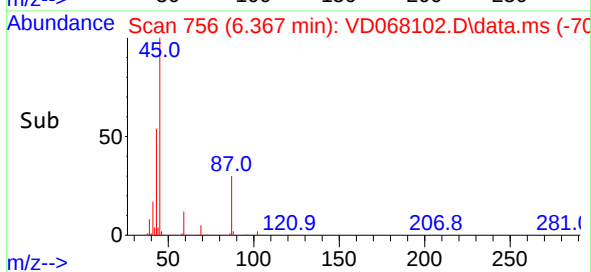
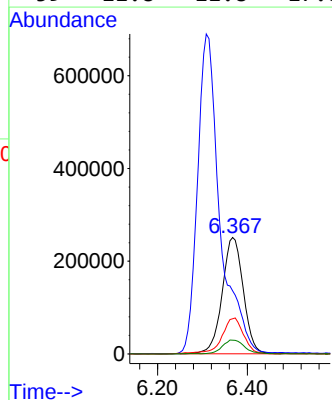
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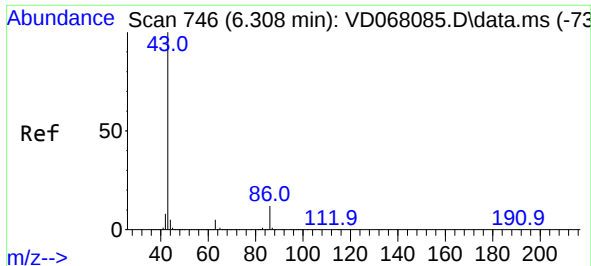


#22
Diisopropyl ether
Concen: 53.84 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



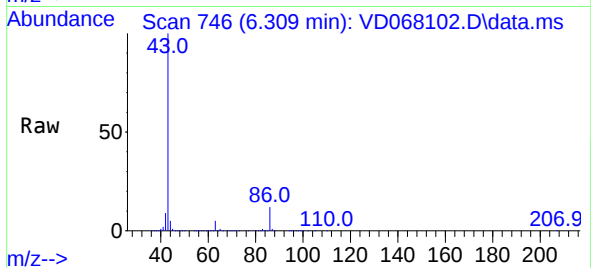
Tgt Ion: 45 Resp: 822949
Ion Ratio Lower Upper
45 100
43 52.9 43.9 65.9
87 30.0 29.9 44.9
59 11.8 11.8 17.8#





#23
 Vinyl Acetate
 Concen: 294.03 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068102.D
 Acq: 19 Jan 2021 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

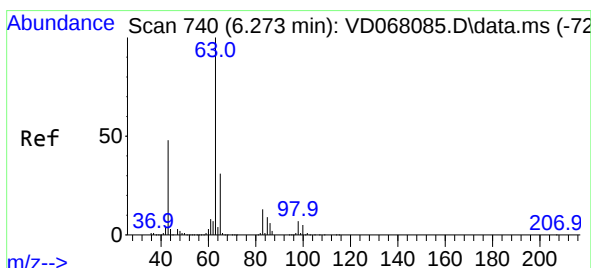
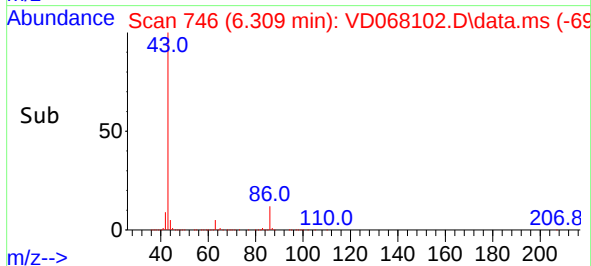
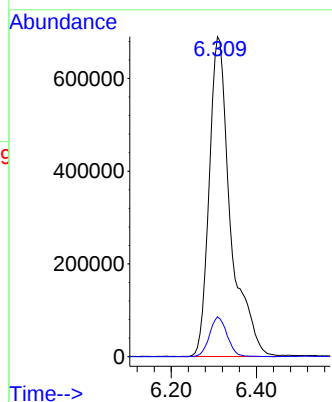


Tgt Ion: 43 Resp: 2395911

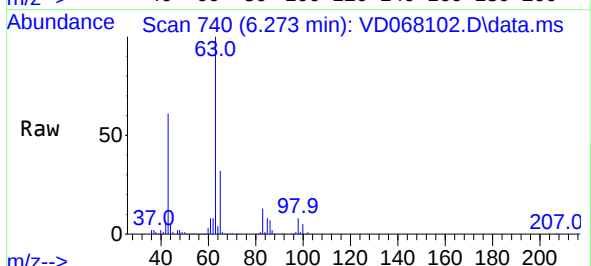
Ion	Ratio	Lower	Upper
43	100		
86	12.5	10.8	16.2

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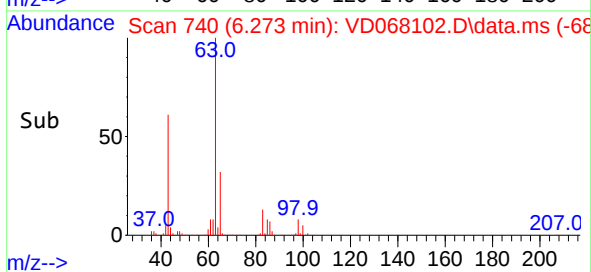
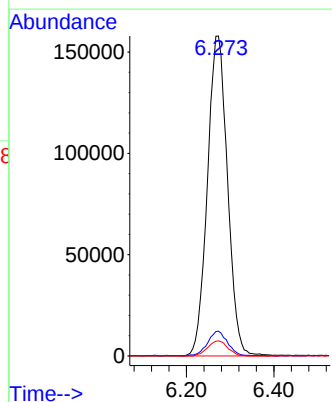


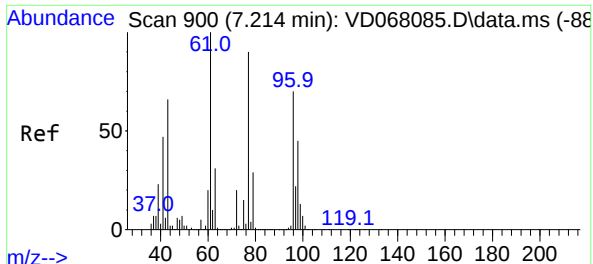
#24
 1,1-Dichloroethane
 Concen: 50.99 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068102.D
 Acq: 19 Jan 2021 20:36



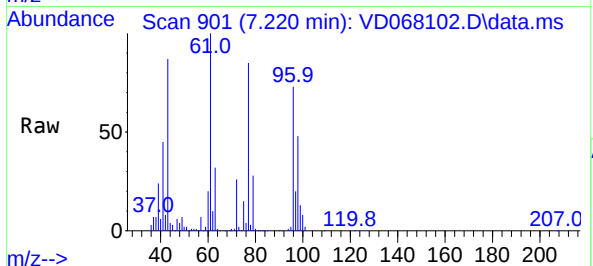
Tgt Ion: 63 Resp: 505012

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.4
100	4.7	2.6	8.0

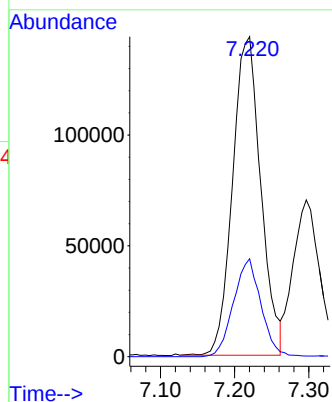




#25
2-Butanone
Concen: 311.20 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



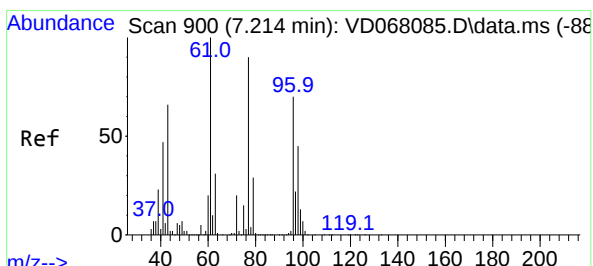
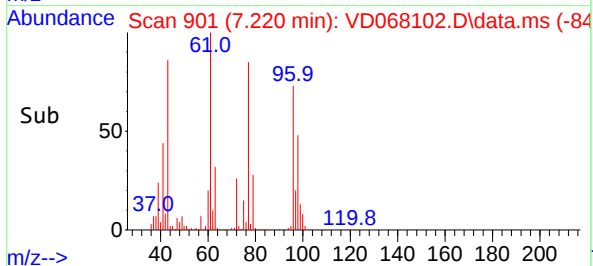
Tgt Ion: 43 Resp: 380474
Ion Ratio Lower Upper
43 100
72 30.7 25.1 37.7



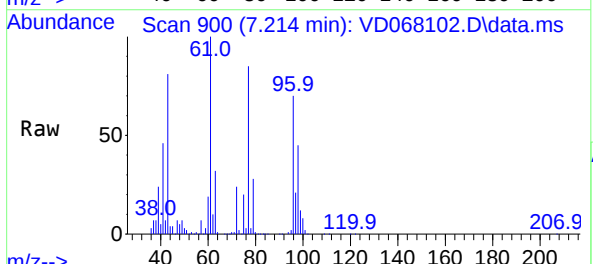
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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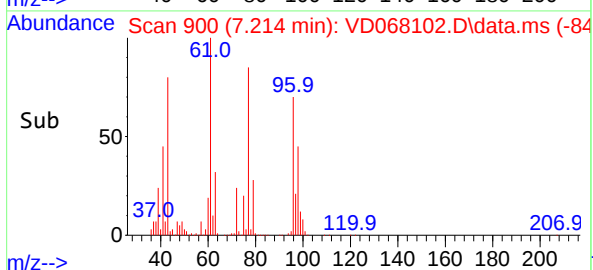
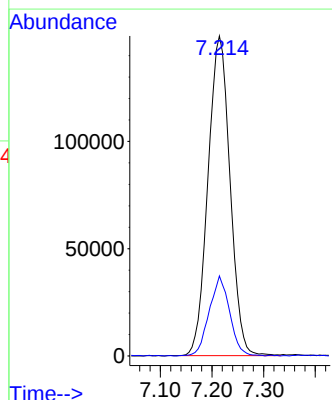
MMDadoda
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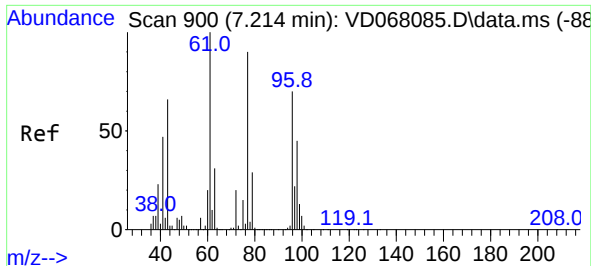


#26
2,2-Dichloropropane
Concen: 47.09 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



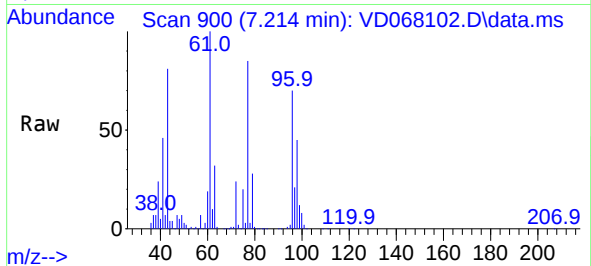
Tgt Ion: 77 Resp: 441260
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 51.30 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

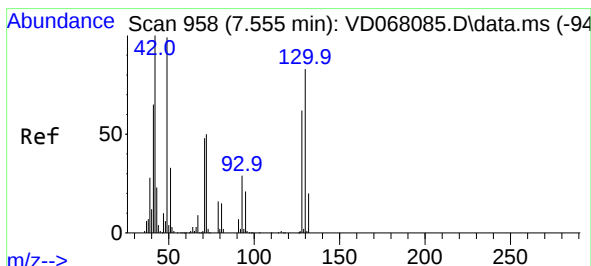
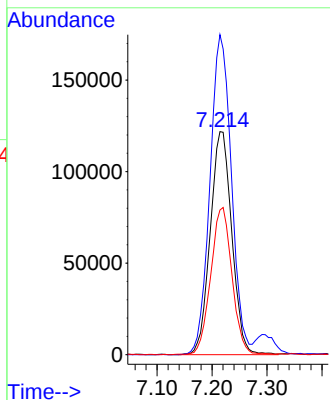
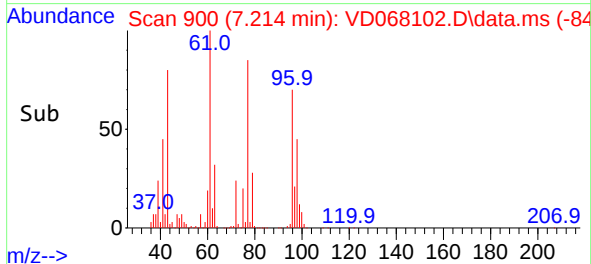
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



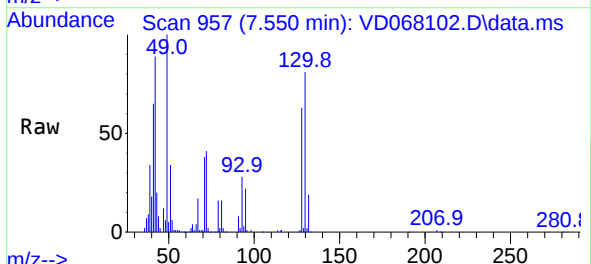
Tgt Ion: 96 Resp: 333010
Ion Ratio Lower Upper
96 100
61 142.4 0.0 257.4
98 65.0 0.0 126.6

Manual Integrations
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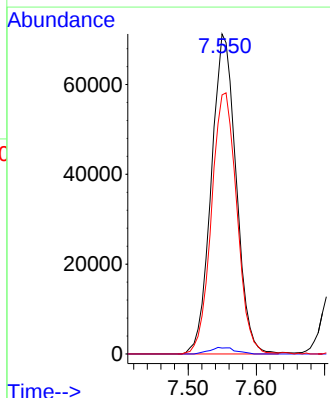
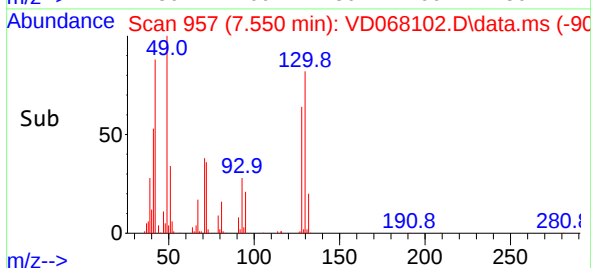
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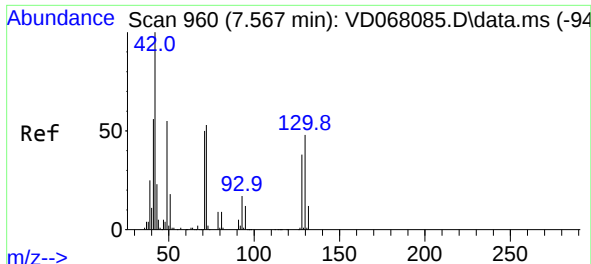


#28
Bromochloromethane
Concen: 53.52 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 49 Resp: 180587
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 83.3 85.5 128.3#





#29
Tetrahydrofuran
Concen: 312.42 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

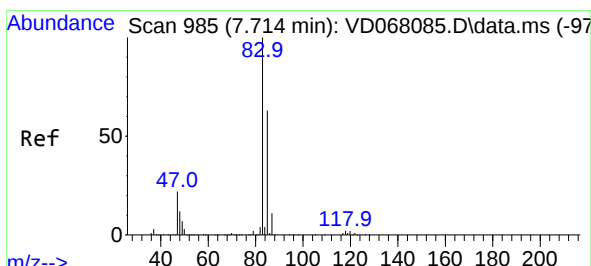
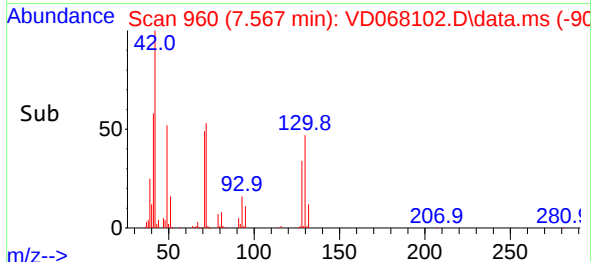
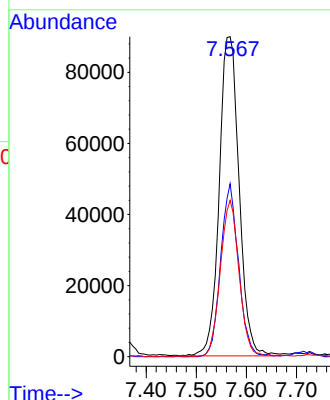
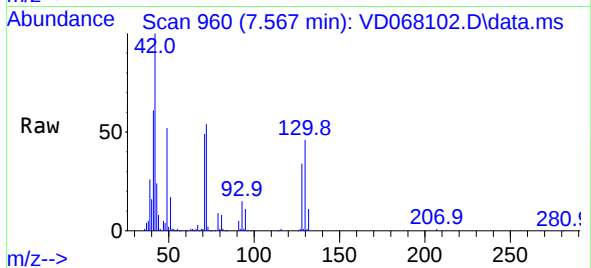
Tgt Ion: 42 Resp: 247608

Ion	Ratio	Lower	Upper
42	100		
72	48.8	43.4	65.0
71	45.9	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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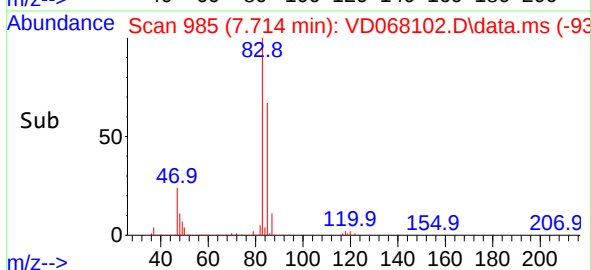
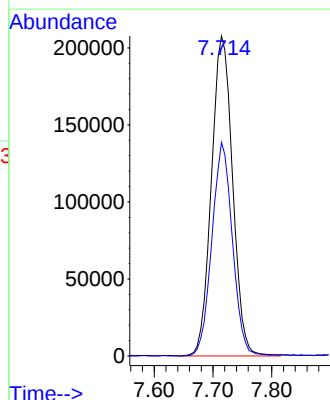
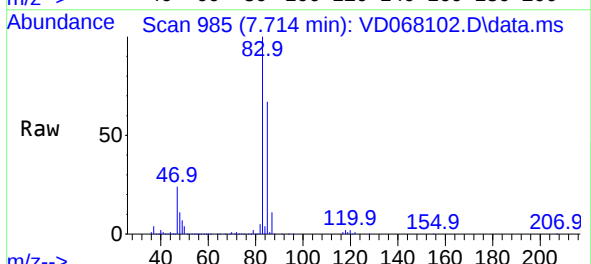
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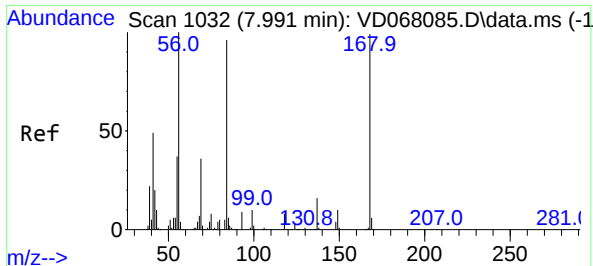


#30
Chloroform
Concen: 52.02 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 83 Resp: 520612

Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.0





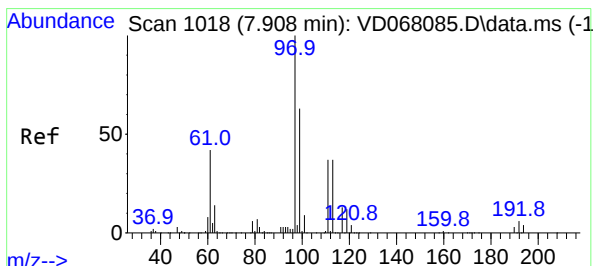
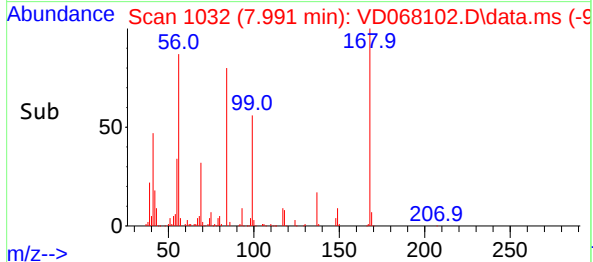
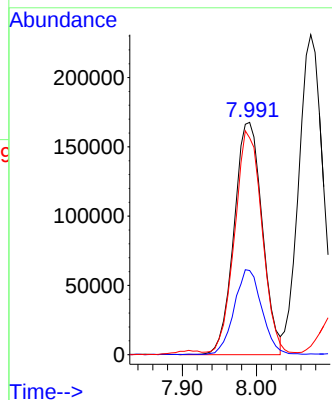
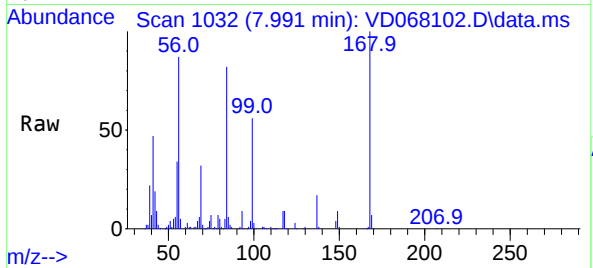
#31
Cyclohexane
Concen: 45.03 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 56 Resp: 443442
Ion Ratio Lower Upper
56 100
69 36.1 30.1 45.1
84 91.8 82.1 123.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

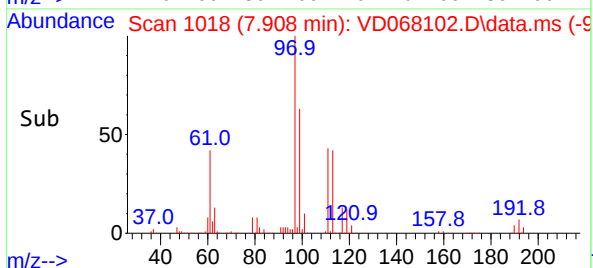
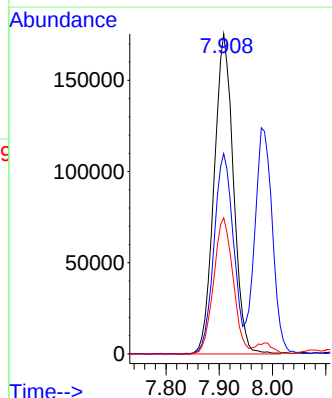
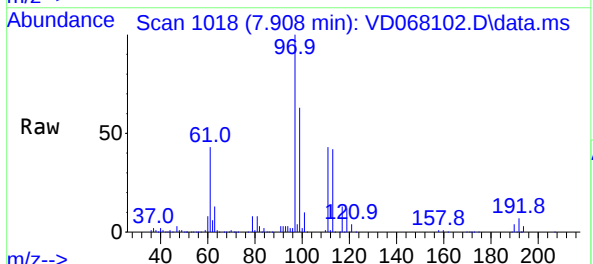
Manual Integrations
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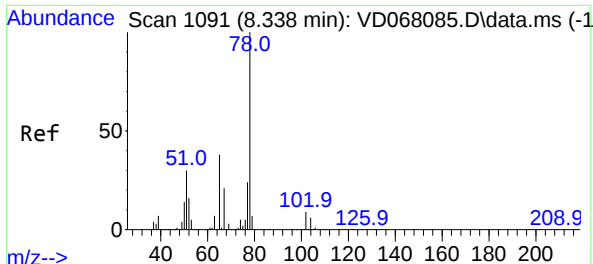
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#32
1,1,1-Trichloroethane
Concen: 49.06 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

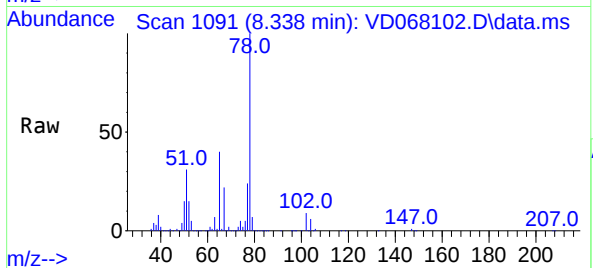
Tgt Ion: 97 Resp: 442546
Ion Ratio Lower Upper
97 100
99 62.6 52.1 78.1
61 42.6 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

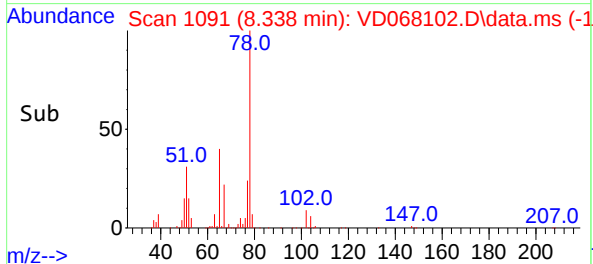
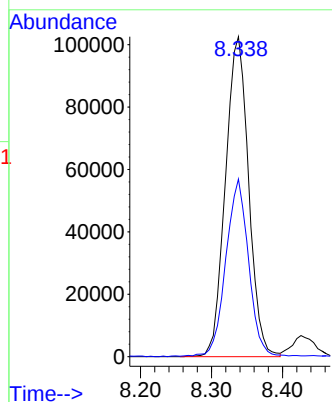
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



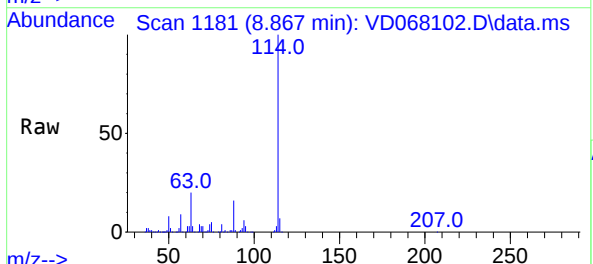
Tgt Ion: 65 Resp: 232462
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.0

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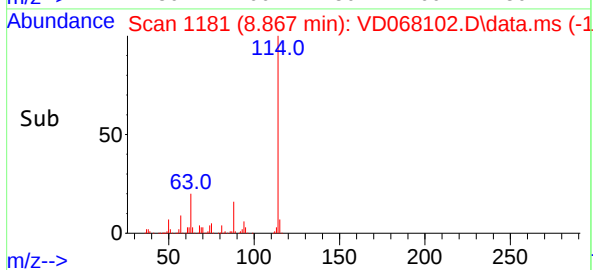
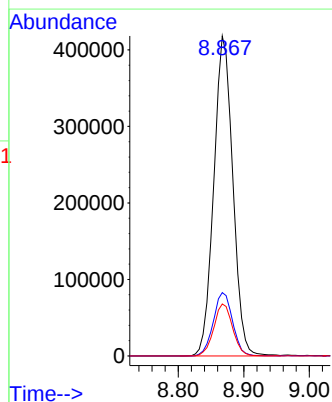
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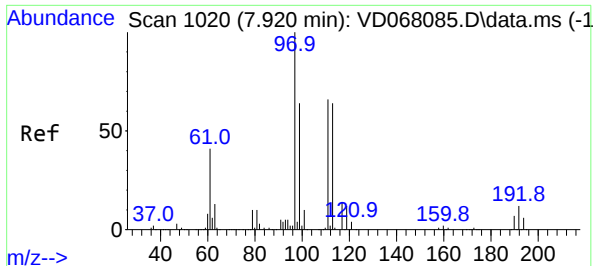


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 114 Resp: 842723
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 16.3 0.0 31.6





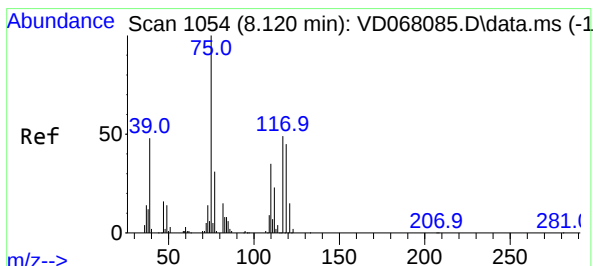
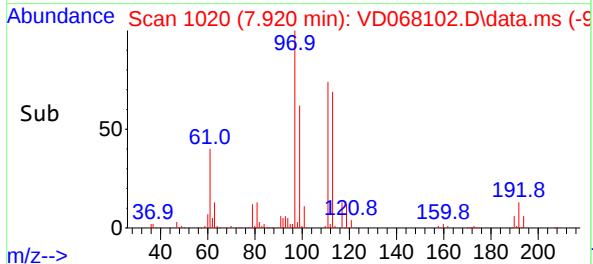
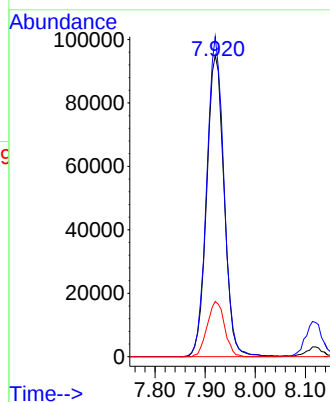
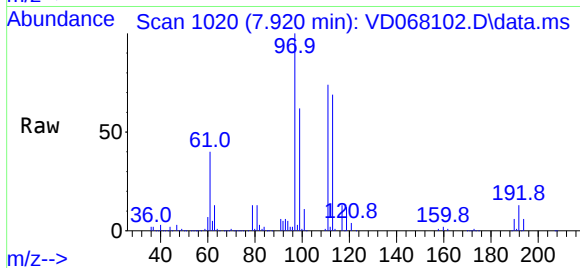
#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 113 Resp: 229498
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.2 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

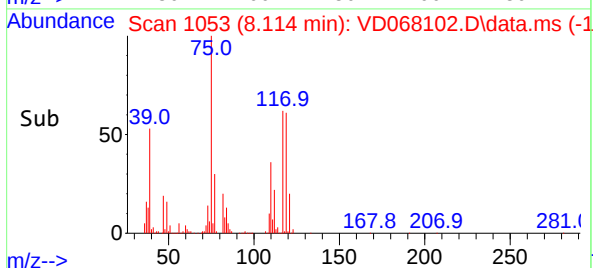
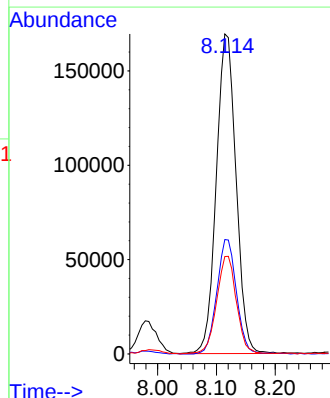
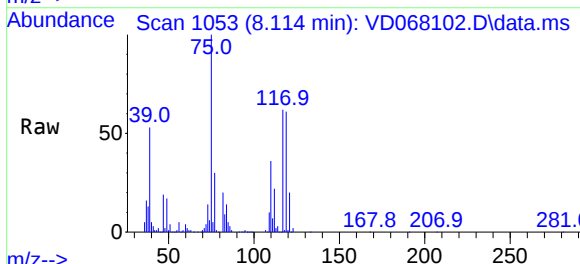
Manual Integrations
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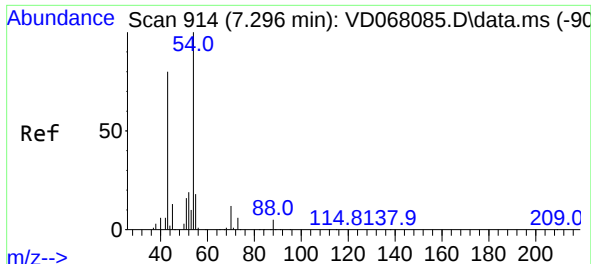
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#36
1,1-Dichloropropene
Concen: 46.59 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

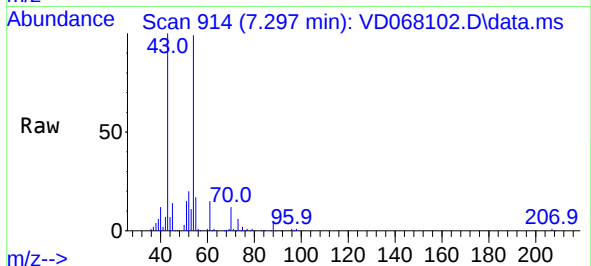
Tgt Ion: 75 Resp: 395972
Ion Ratio Lower Upper
75 100
110 35.6 19.4 58.2
77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 59.81 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

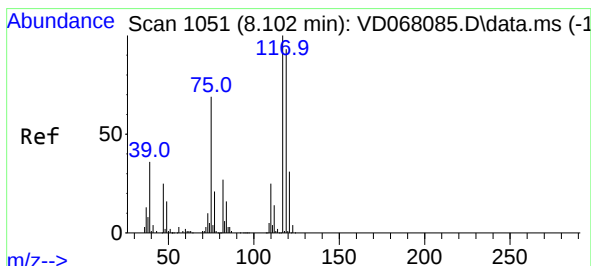
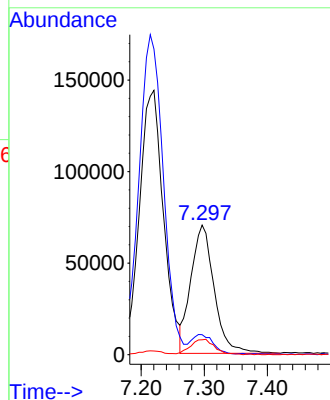
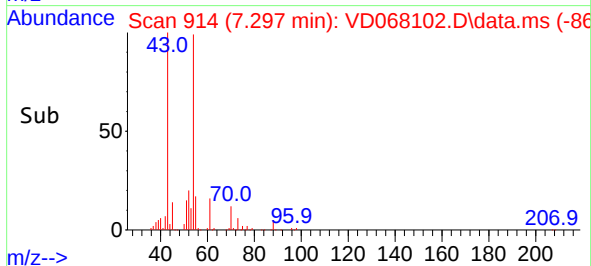
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



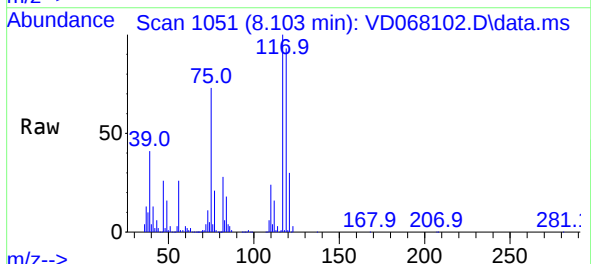
Tgt Ion: 43 Resp: 179797
Ion Ratio Lower Upper
43 100
61 13.5 12.9 19.3
70 12.3 11.0 16.6

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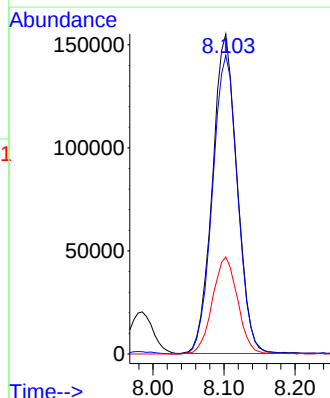
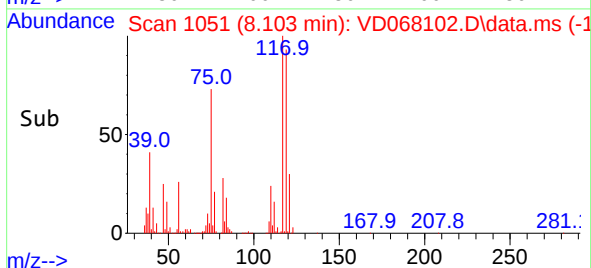
MMDadoda
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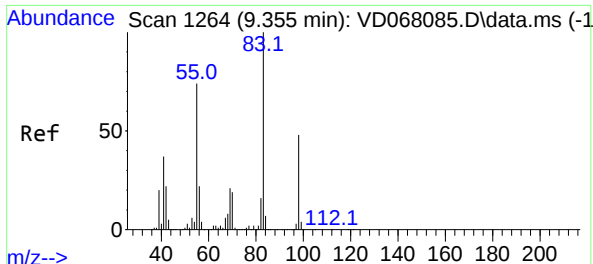


#38
Carbon Tetrachloride
Concen: 46.97 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 117 Resp: 373586
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 45.71 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD068102.D

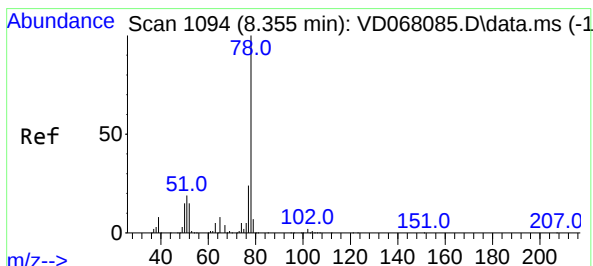
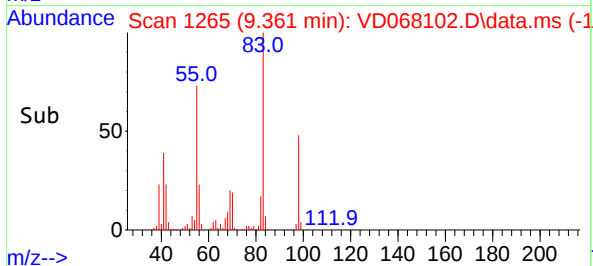
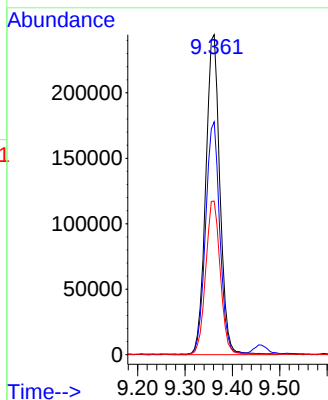
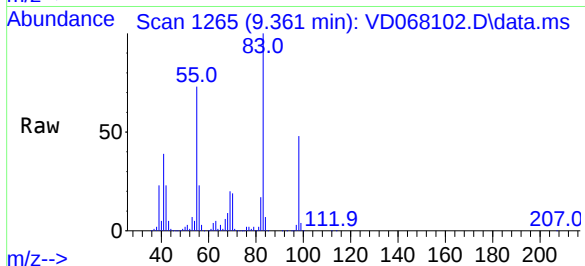
Acq: 19 Jan 2021 20:36

Tgt Ion:	83	Resp:	507901
Ion	Ratio	Lower	Upper
83	100		
55	72.6	55.2	82.8
98	47.9	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#40

Benzene

Concen: 49.12 ug/l

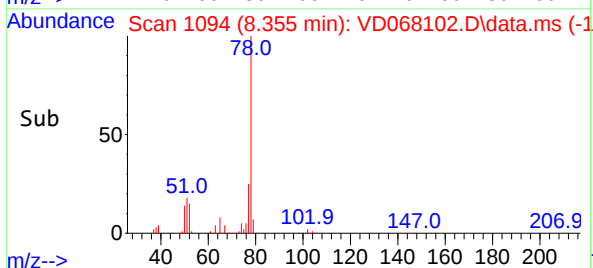
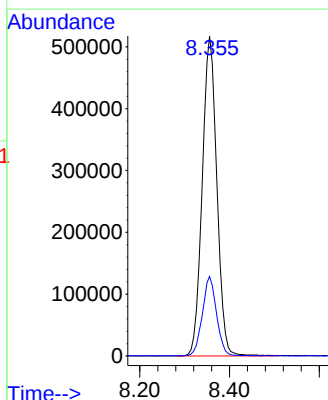
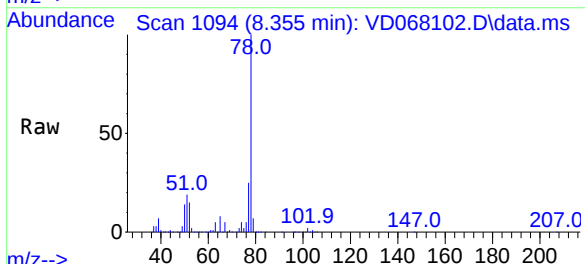
RT: 8.355 min Scan# 1094

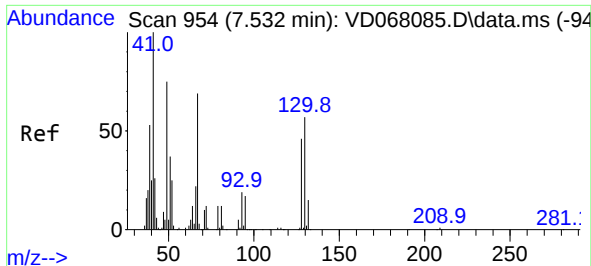
Delta R.T. 0.000 min

Lab File: VD068102.D

Acq: 19 Jan 2021 20:36

Tgt Ion:	78	Resp:	1167236
Ion	Ratio	Lower	Upper
78	100		
77	24.8	17.8	26.6





#41
Methacrylonitrile
Concen: 51.17 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

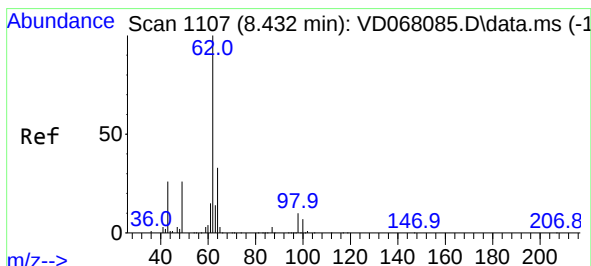
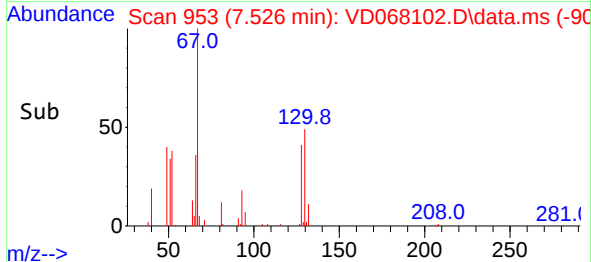
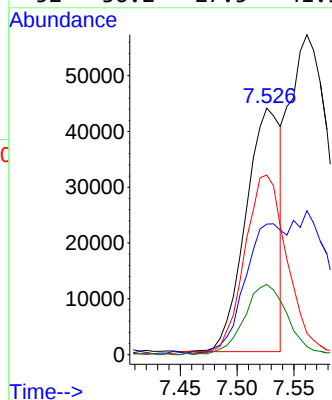
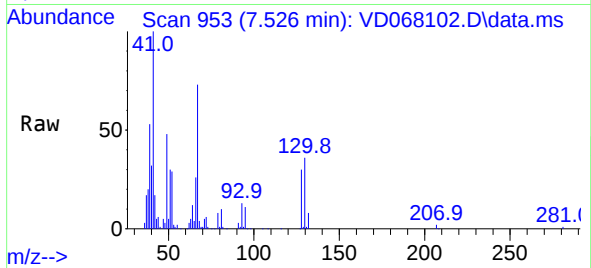
Tgt Ion: 41 Resp: 92833

Ion	Ratio	Lower	Upper
41	100		
39	62.7	45.2	67.8
67	91.6	67.4	101.2
52	36.2	27.5	41.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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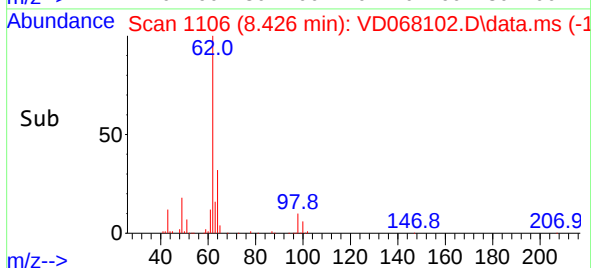
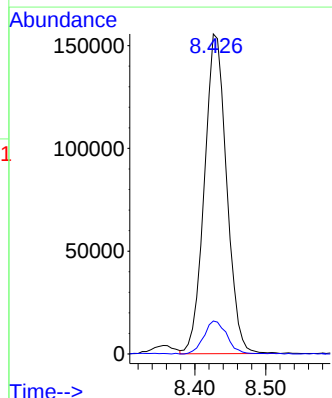
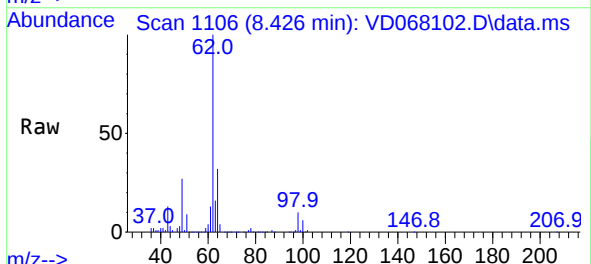
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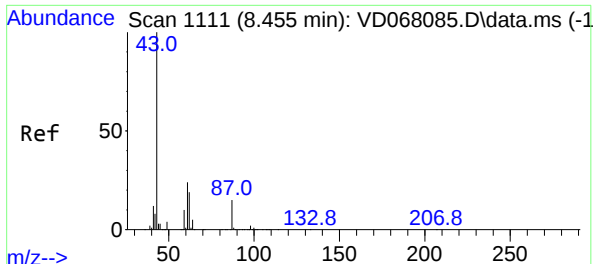


#42
1,2-Dichloroethane
Concen: 53.38 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 62 Resp: 338891

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8





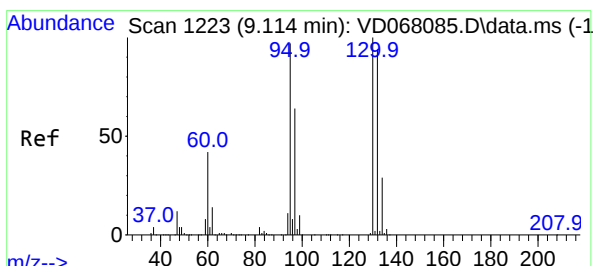
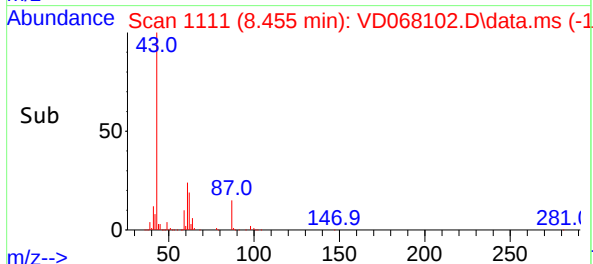
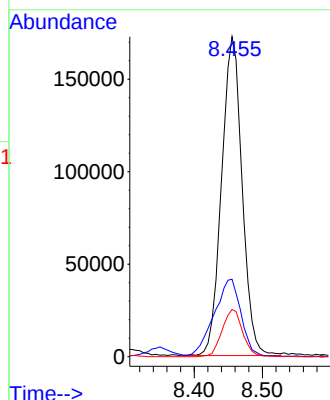
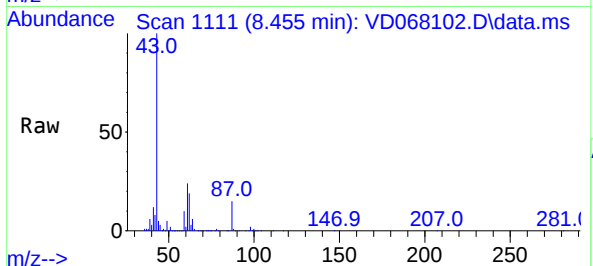
#43
Isopropyl Acetate
Concen: 57.71 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 43 Resp: 361538
Ion Ratio Lower Upper
43 100
61 31.8 28.7 43.1
87 14.9 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

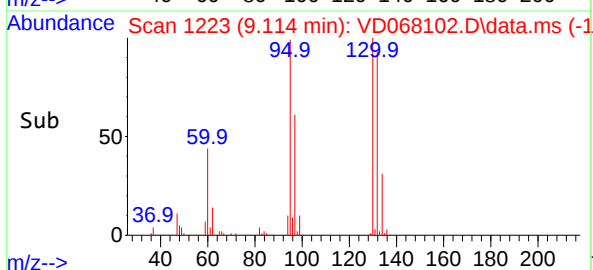
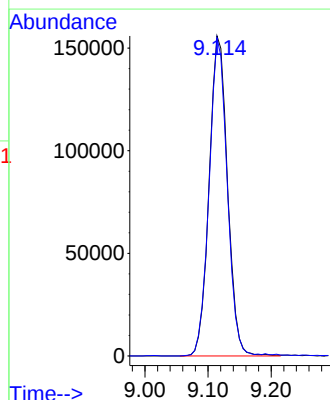
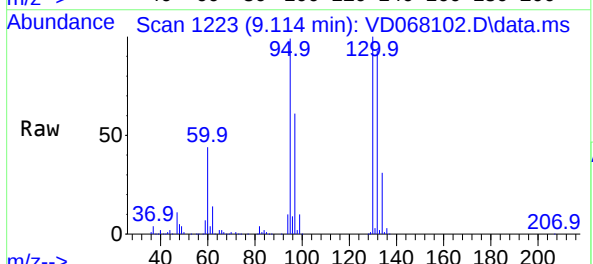
Manual Integrations
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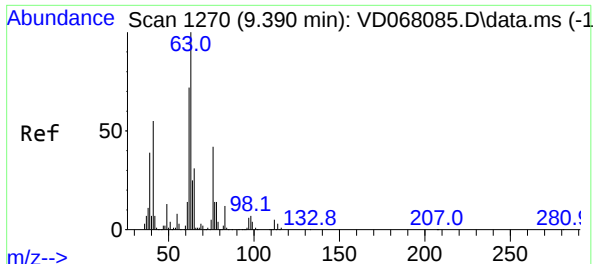
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#44
Trichloroethene
Concen: 48.29 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:130 Resp: 315128
Ion Ratio Lower Upper
130 100
95 99.4 0.0 191.2





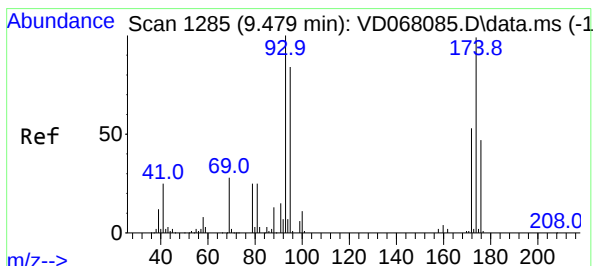
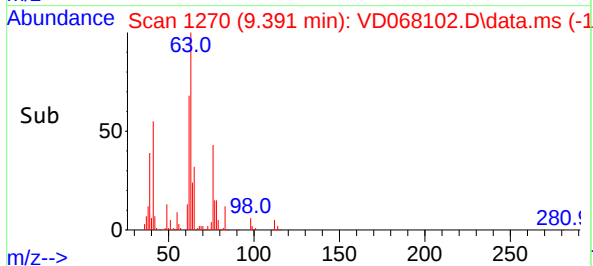
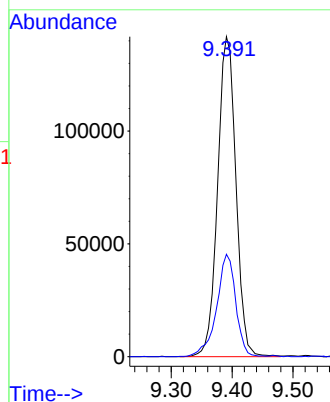
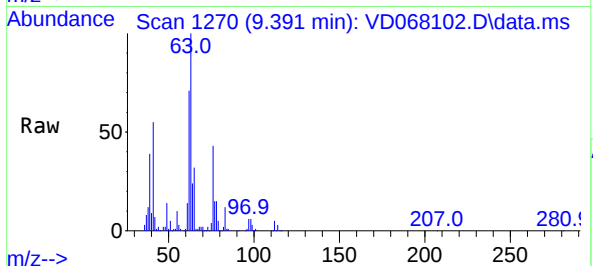
#45
1,2-Dichloropropane
Concen: 50.85 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 63 Resp: 295884
Ion Ratio Lower Upper
63 100
65 31.9 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

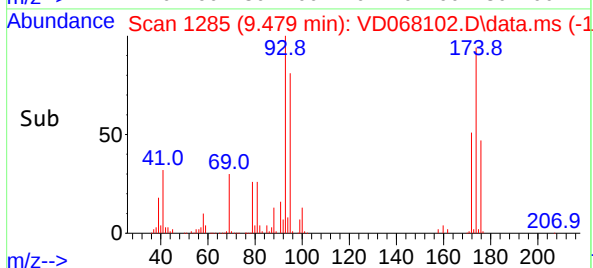
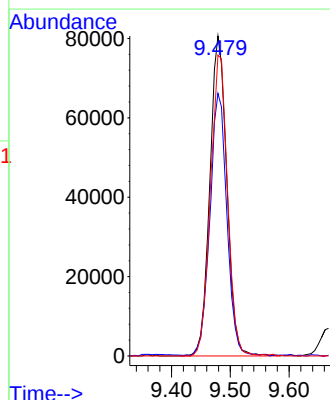
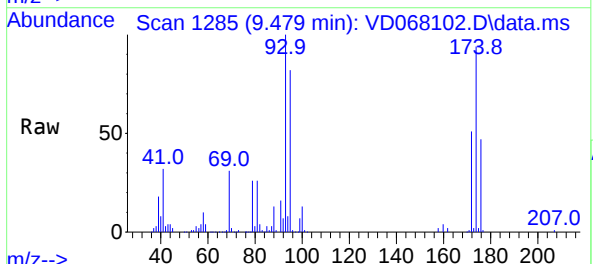
Manual Integrations
APPROVED

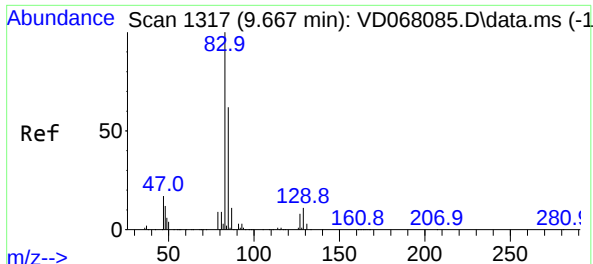
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#46
Dibromomethane
Concen: 54.72 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 93 Resp: 161332
Ion Ratio Lower Upper
93 100
95 82.5 67.3 100.9
174 94.6 84.6 127.0





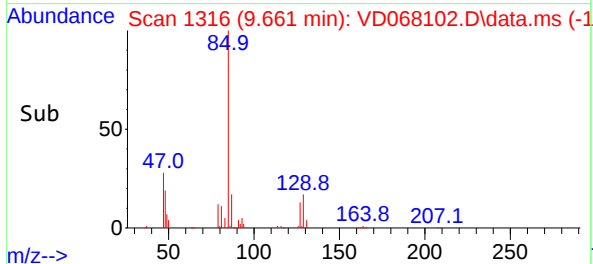
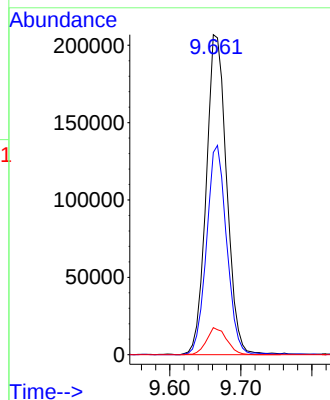
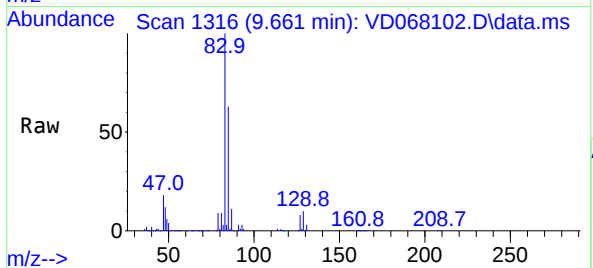
#47
Bromodichloromethane
Concen: 52.00 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 83 Resp: 413696
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4
127 8.4 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

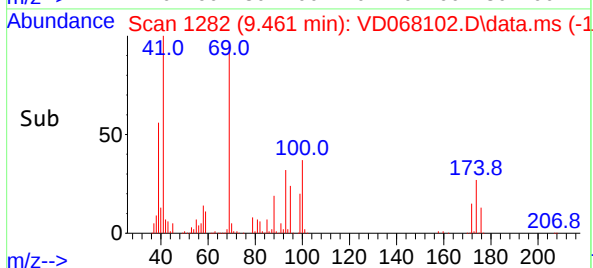
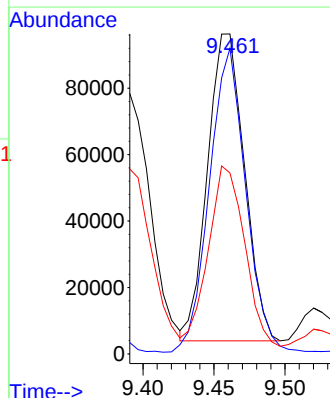
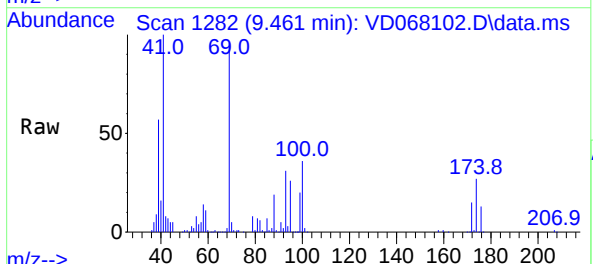
Manual Integrations
APPROVED

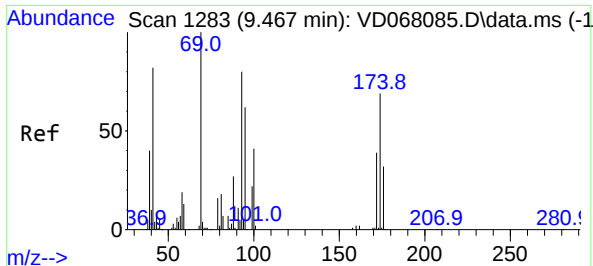
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#48
Methyl methacrylate
Concen: 53.51 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 41 Resp: 166842
Ion Ratio Lower Upper
41 100
69 99.1 77.1 115.7
39 57.7 41.5 62.3





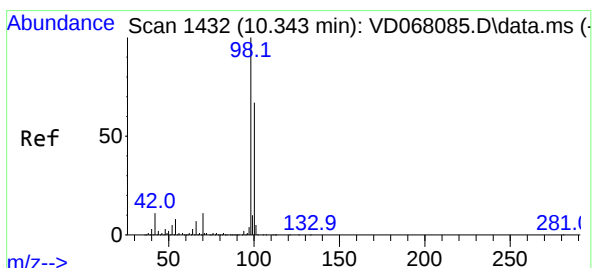
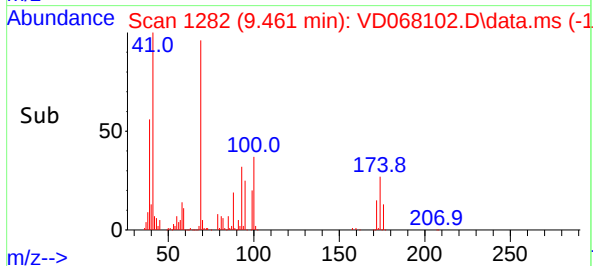
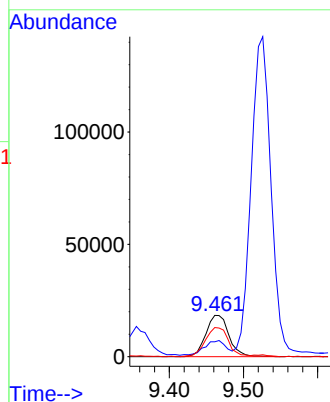
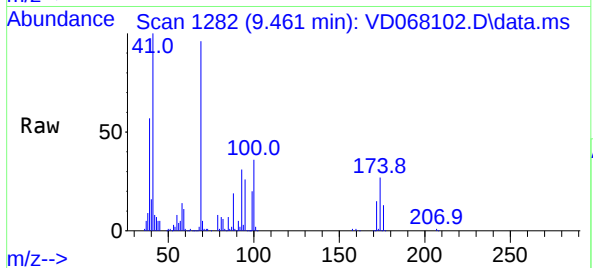
#49
1,4-Dioxane
Concen: 1146.94 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 88 Resp: 39629
Ion Ratio Lower Upper
88 100
43 33.2 22.1 33.1#
58 70.9 46.7 70.1#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

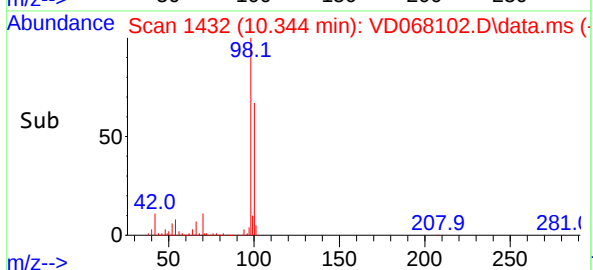
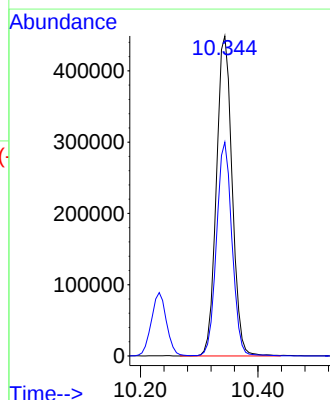
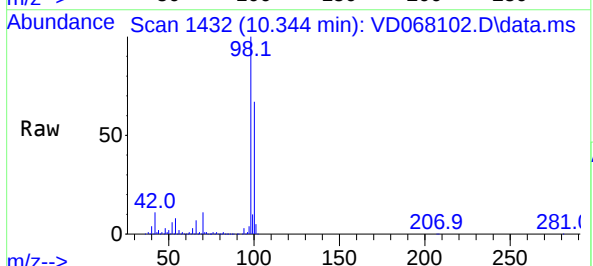
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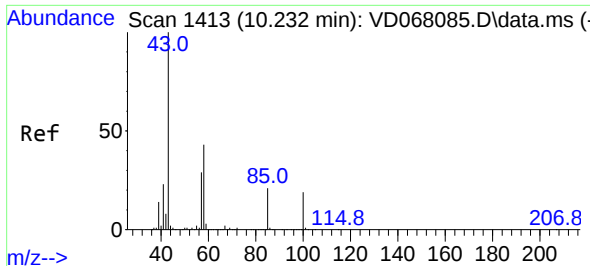
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#50
Toluene-d8
Concen: 44.74 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 98 Resp: 833707
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





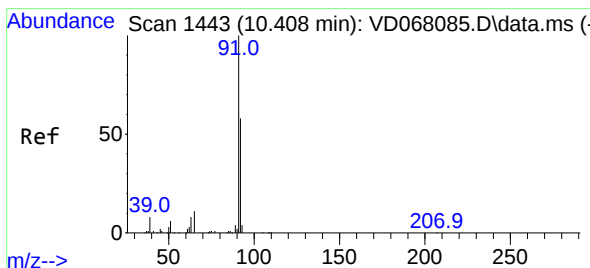
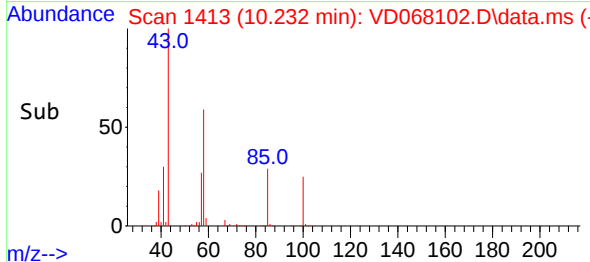
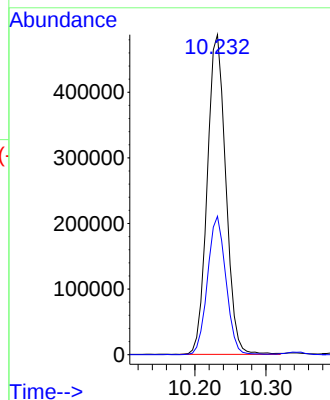
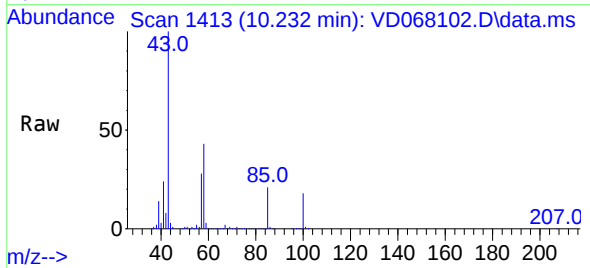
#51
4-Methyl-2-Pentanone
Concen: 303.65 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 43 Resp: 884254
Ion Ratio Lower Upper
43 100
58 43.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

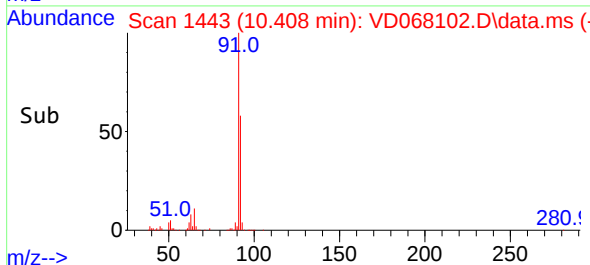
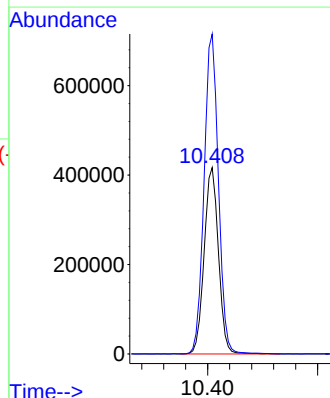
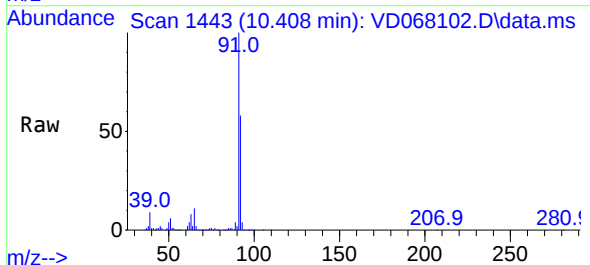
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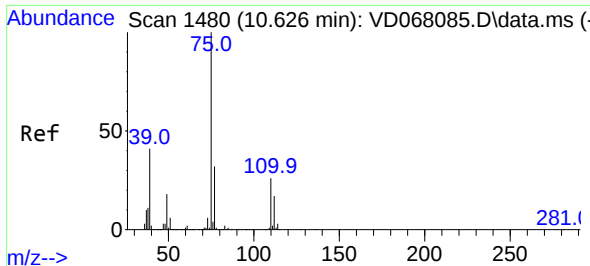
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#52
Toluene
Concen: 48.49 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 92 Resp: 750737
Ion Ratio Lower Upper
92 100
91 172.0 134.1 201.1





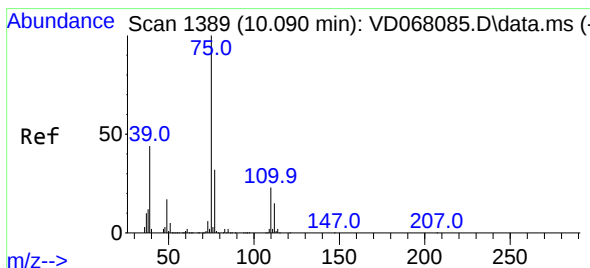
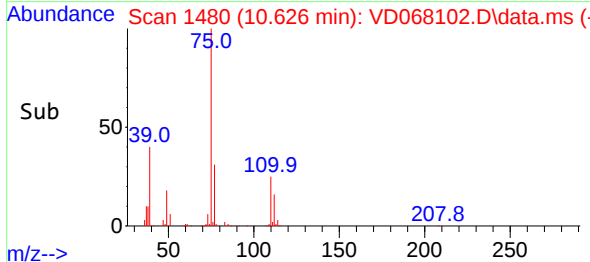
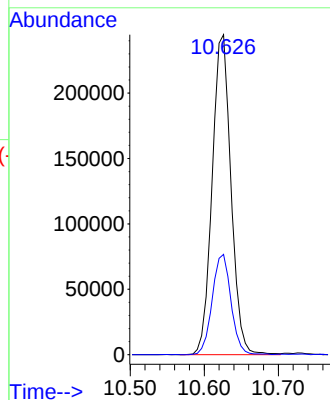
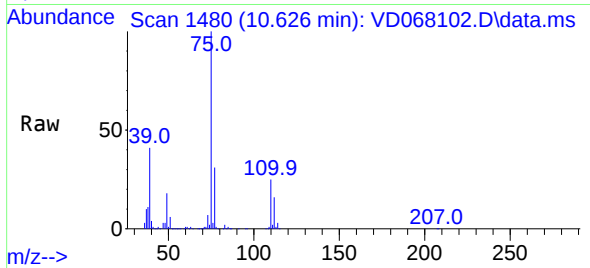
#53
t-1,3-Dichloropropene
Concen: 53.55 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 75 Resp: 431212
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

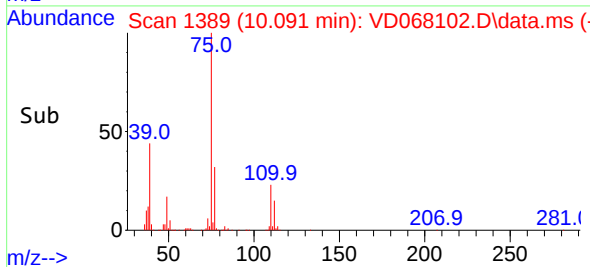
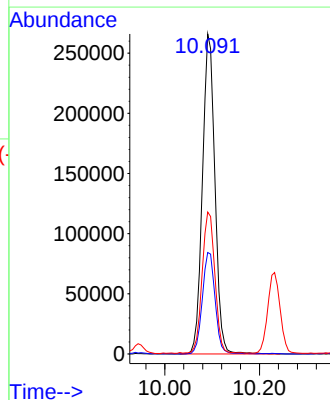
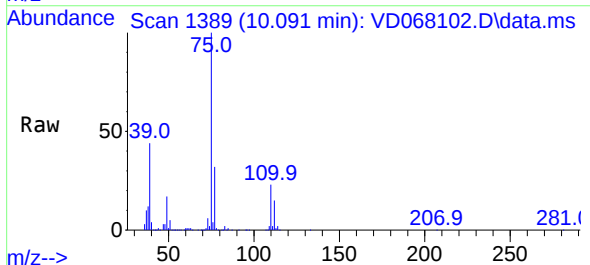
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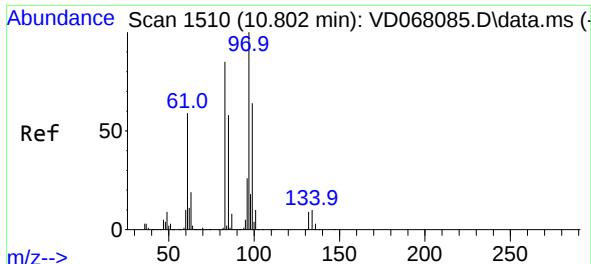
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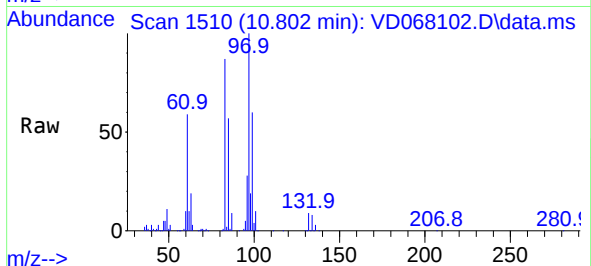
#54
cis-1,3-Dichloropropene
Concen: 50.75 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 75 Resp: 486419
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 43.9 31.4 47.0



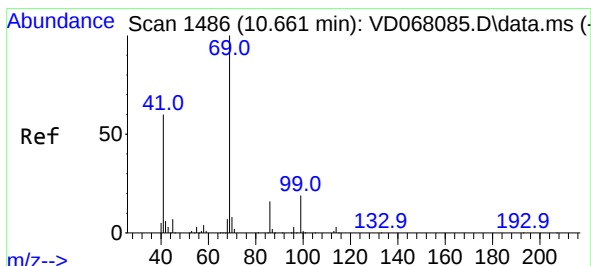
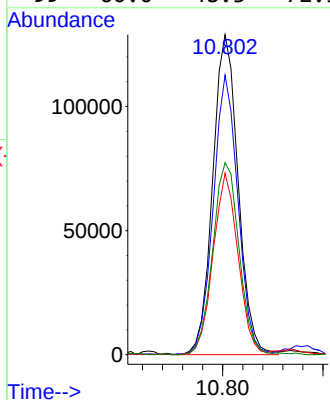
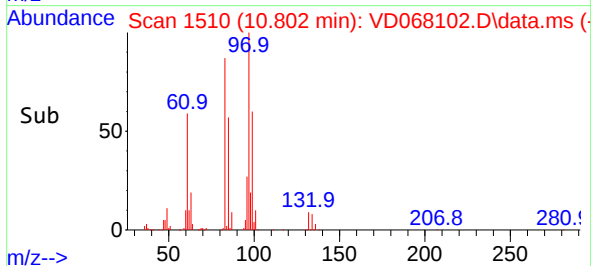


#55
1,1,2-Trichloroethane
Concen: 54.42 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

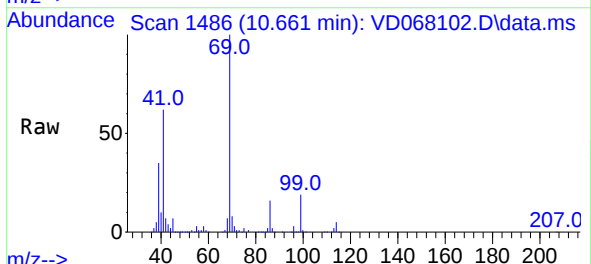


Tgt Ion: 97 Resp: 227377

Ion	Ratio	Lower	Upper
97	100		
83	87.1	61.8	92.6
85	56.7	42.2	63.2
99	60.0	48.3	72.5

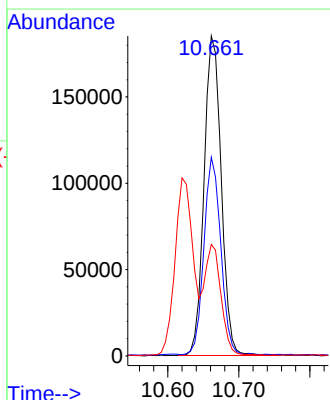
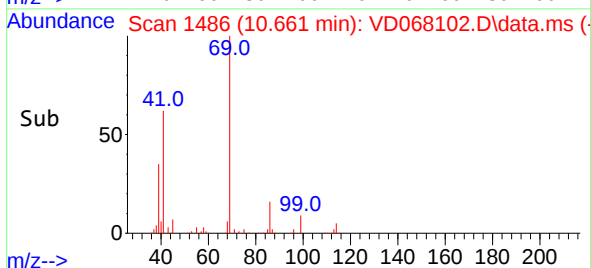


#56
Ethyl methacrylate
Concen: 56.07 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 69 Resp: 312074

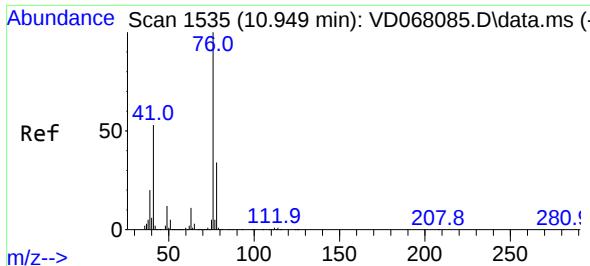
Ion	Ratio	Lower	Upper
69	100		
41	60.5	44.9	67.3
39	33.7	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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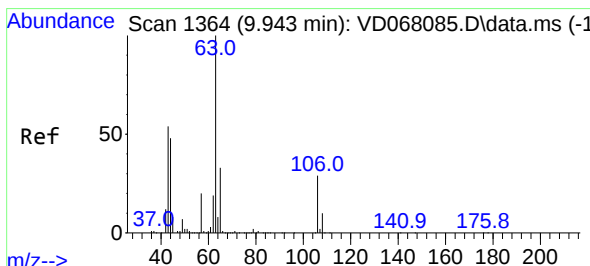
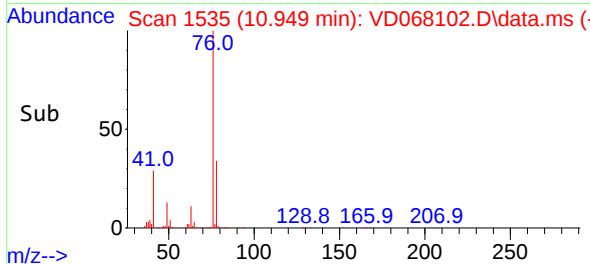
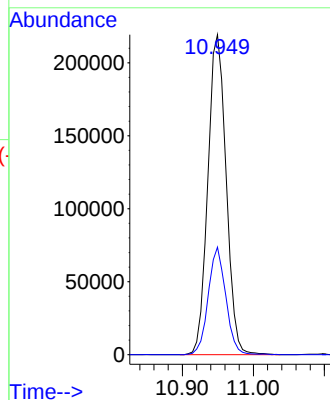
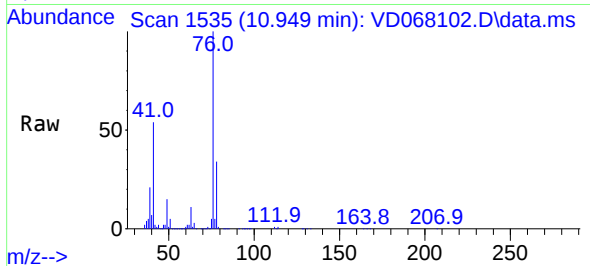
#57
1,3-Dichloropropane
Concen: 53.25 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 76 Resp: 392615
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

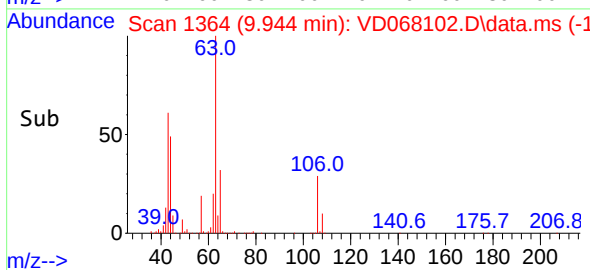
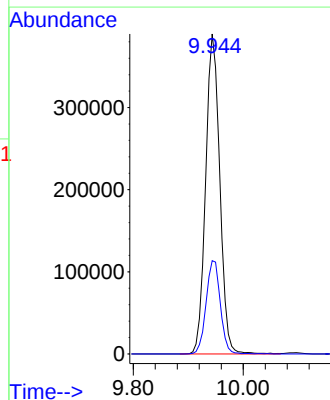
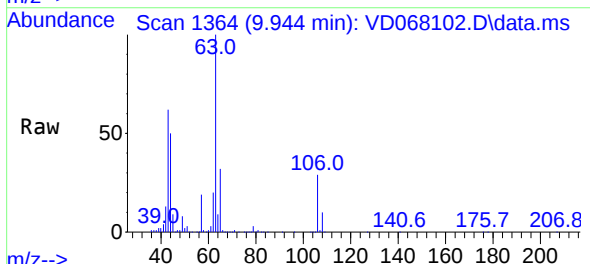
Manual Integrations
APPROVED

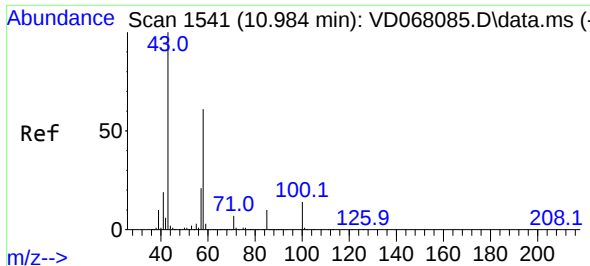
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#58
2-Chloroethyl Vinyl ether
Concen: 270.76 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

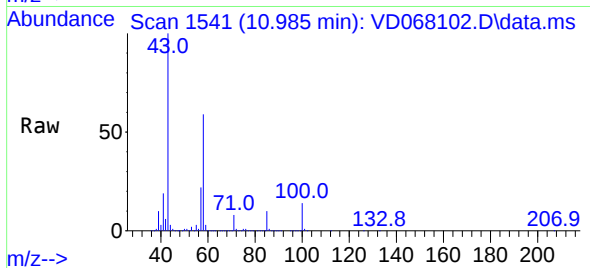
Tgt Ion: 63 Resp: 695470
Ion Ratio Lower Upper
63 100
106 29.3 27.0 40.4





#59
2-Hexanone
Concen: 301.59 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

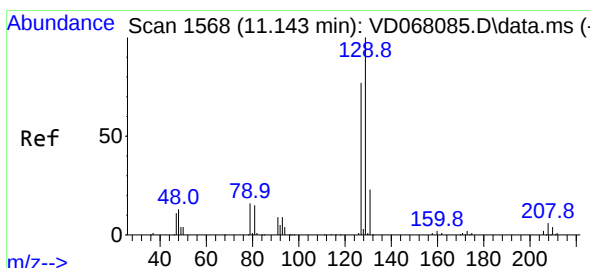
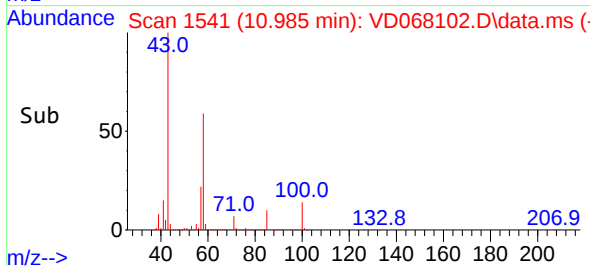
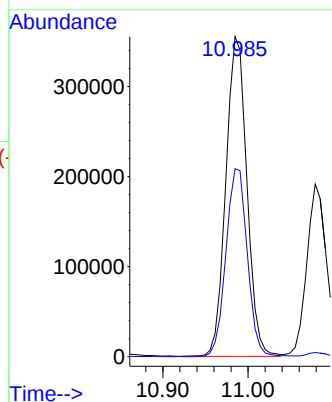
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



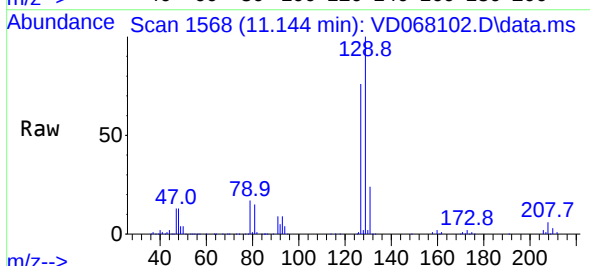
Tgt Ion: 43 Resp: 608797
Ion Ratio Lower Upper
43 100
58 59.9 31.0 93.0

Manual Integrations
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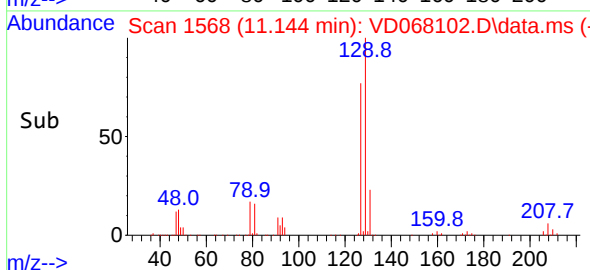
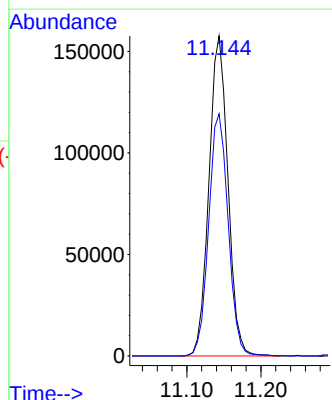
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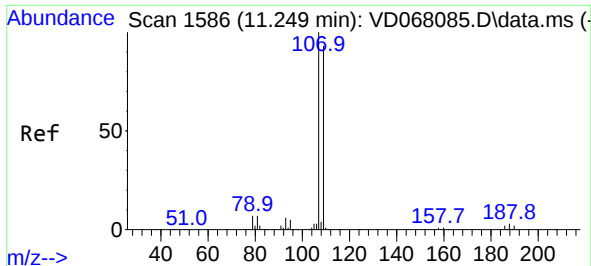


#60
Dibromochloromethane
Concen: 53.45 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



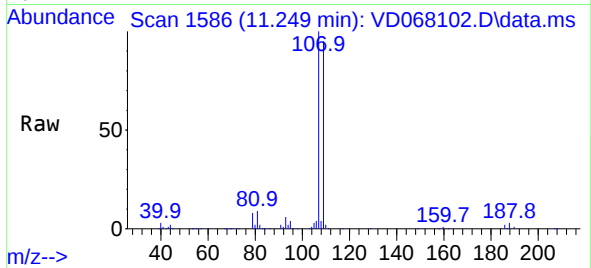
Tgt Ion: 129 Resp: 280031
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.93 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

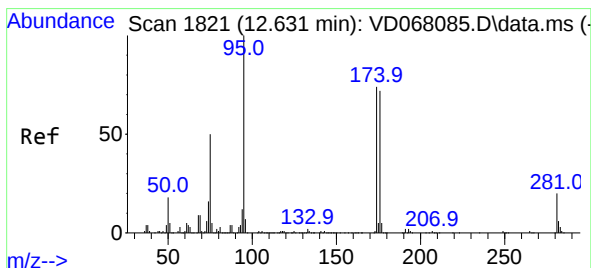
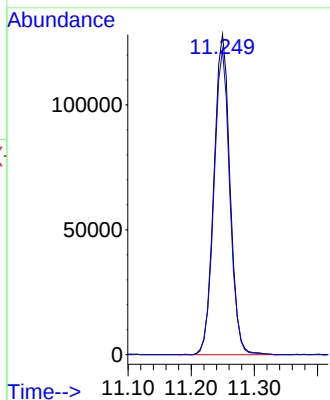
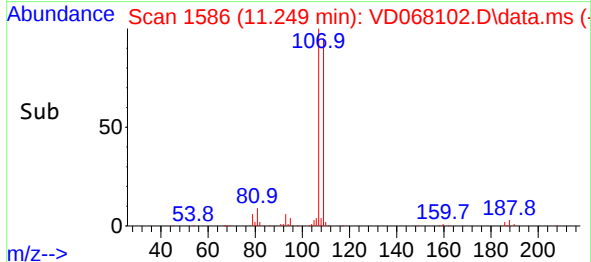
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



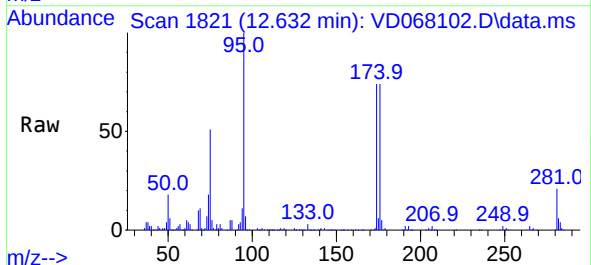
Tgt Ion:107 Resp: 226476
Ion Ratio Lower Upper
107 100
109 94.1 74.8 112.2

Manual Integrations
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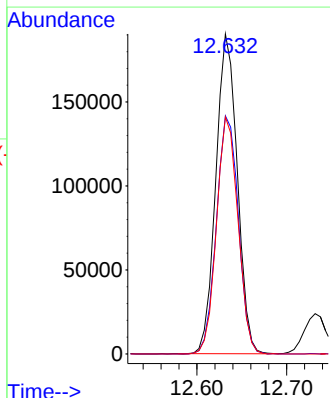
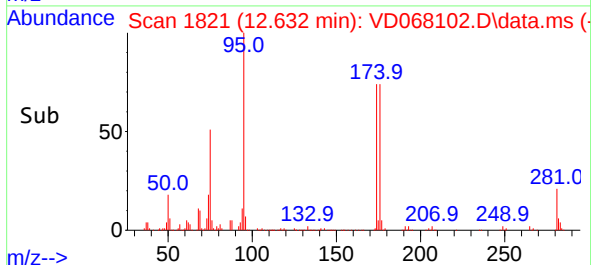
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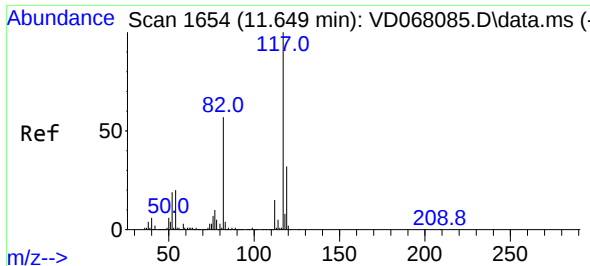


#62
4-Bromofluorobenzene
Concen: 47.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 95 Resp: 315670
Ion Ratio Lower Upper
95 100
174 76.2 0.0 172.4
176 74.1 0.0 168.4





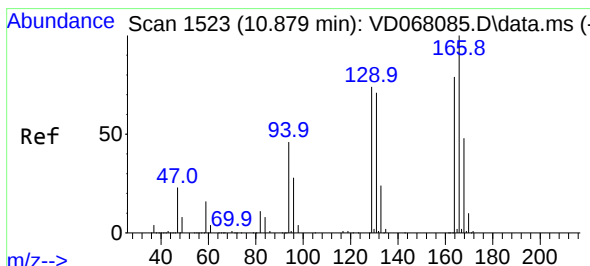
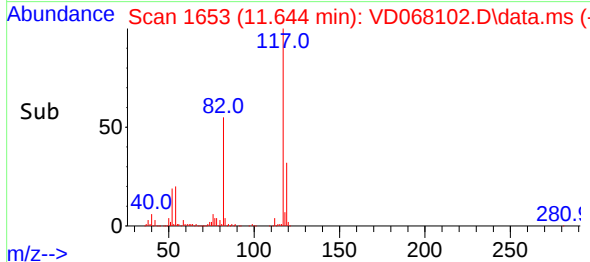
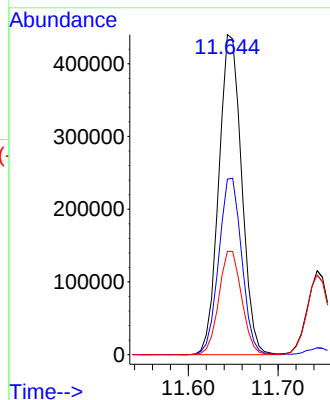
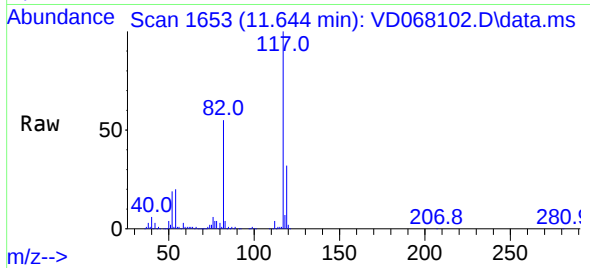
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:117 Resp: 778264
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.0
119 32.3 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

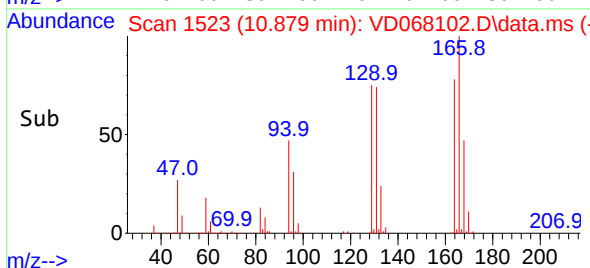
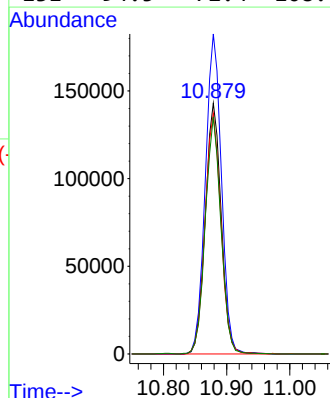
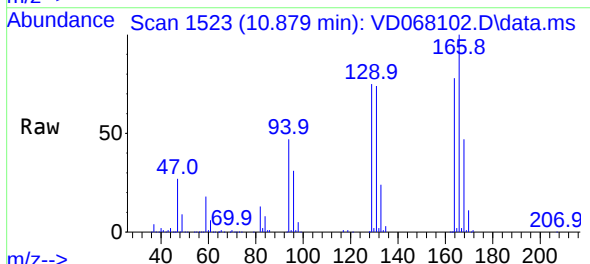
Manual Integrations
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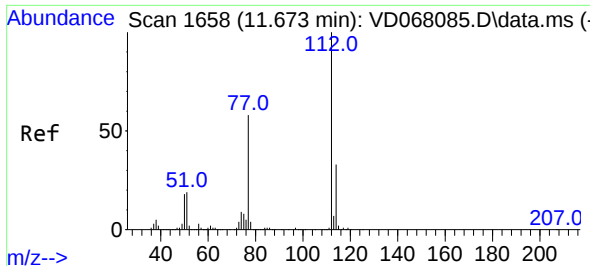
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#64
Tetrachloroethene
Concen: 45.78 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

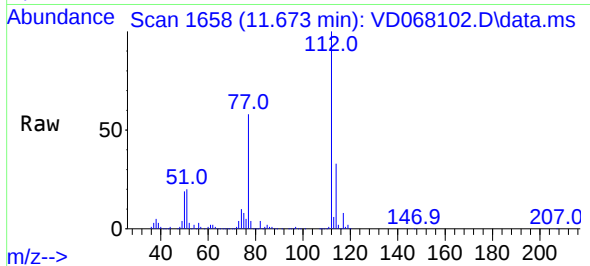
Tgt Ion:164 Resp: 251123
Ion Ratio Lower Upper
164 100
166 127.6 105.5 158.3
129 95.9 75.6 113.4
131 94.5 72.4 108.6





#65
Chlorobenzene
Concen: 47.96 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

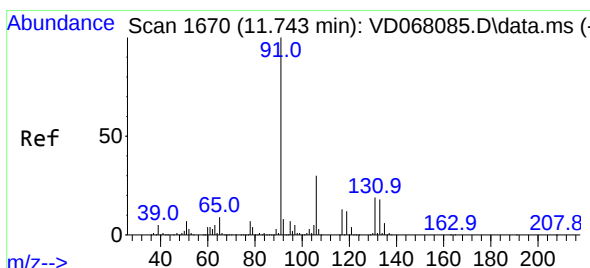
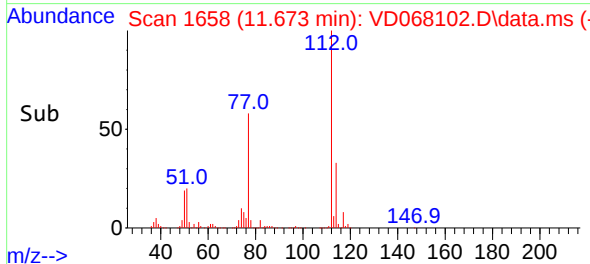
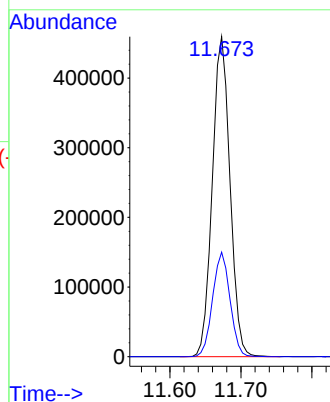
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



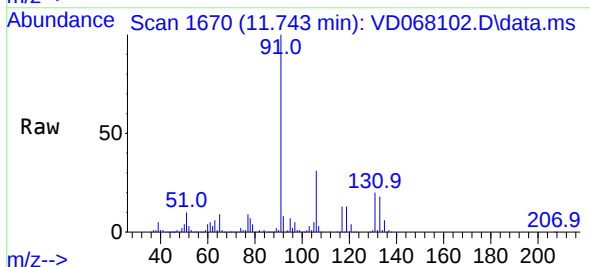
Tgt Ion:112 Resp: 793028
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

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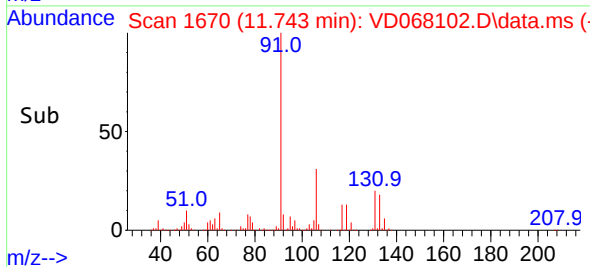
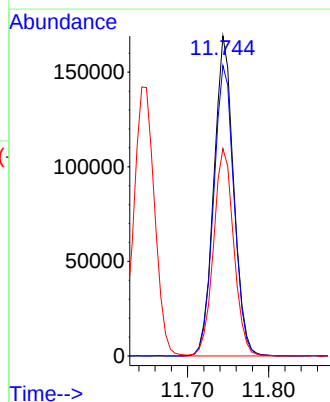
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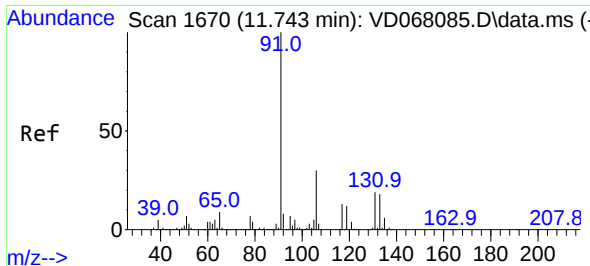


#66
1,1,1,2-Tetrachloroethane
Concen: 49.22 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



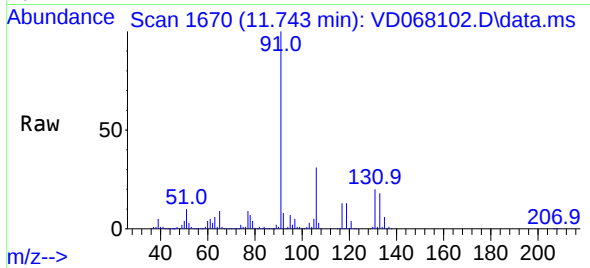
Tgt Ion:131 Resp: 286268
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.4
119 66.3 31.6 94.8





#67
Ethyl Benzene
Concen: 47.13 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

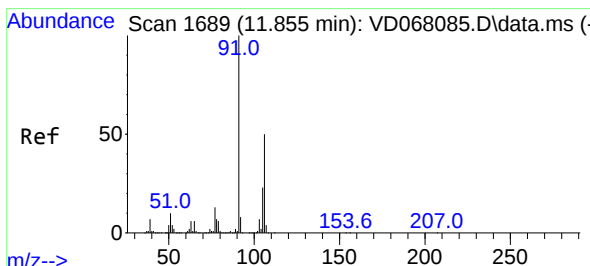
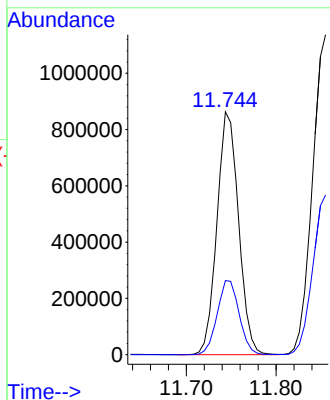
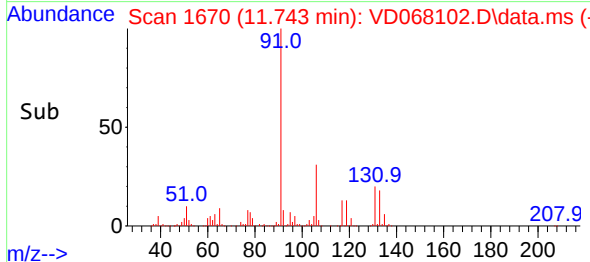
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



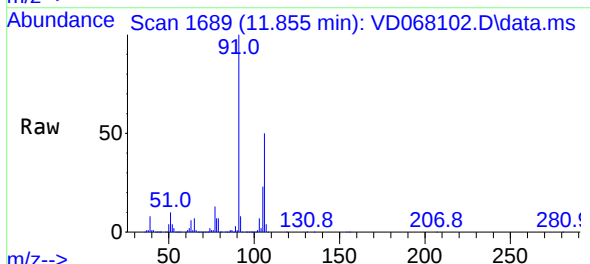
Tgt Ion: 91 Resp: 1443037
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

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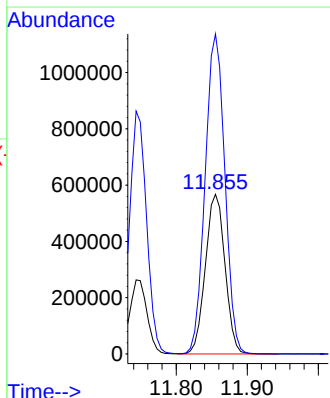
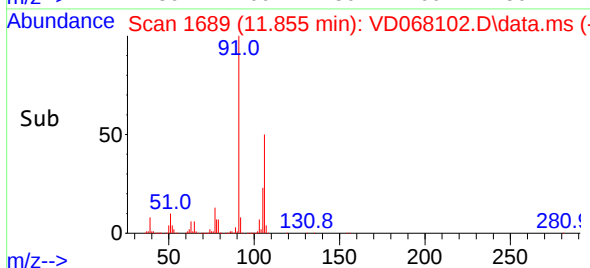
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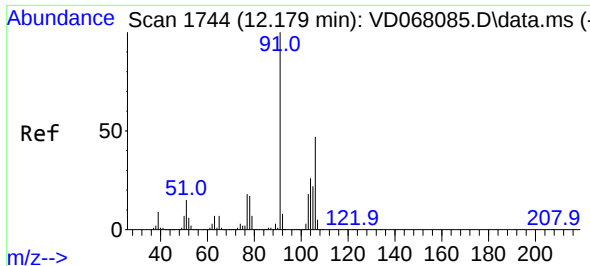


#68
m/p-Xylenes
Concen: 94.02 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



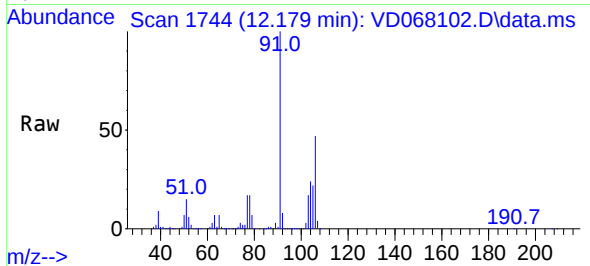
Tgt Ion:106 Resp: 1086813
Ion Ratio Lower Upper
106 100
91 201.3 159.1 238.7





#69
o-Xylene
Concen: 47.78 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

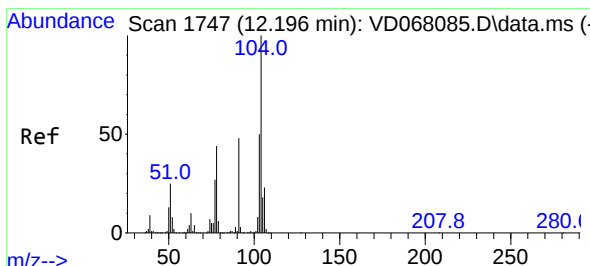
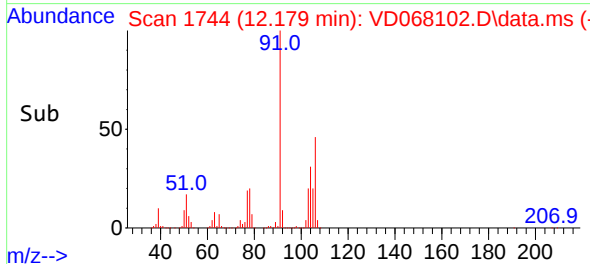
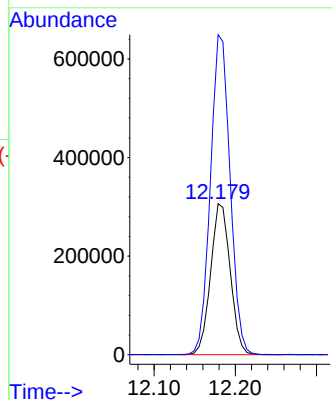
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



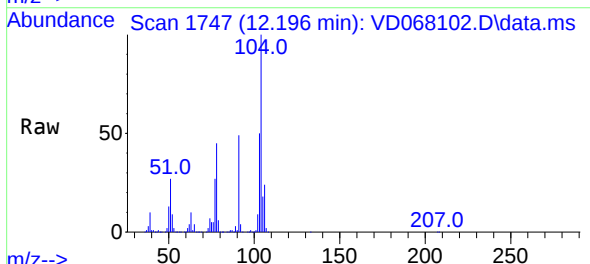
Tgt Ion:106 Resp: 512946
Ion Ratio Lower Upper
106 100
91 212.7 108.7 325.9

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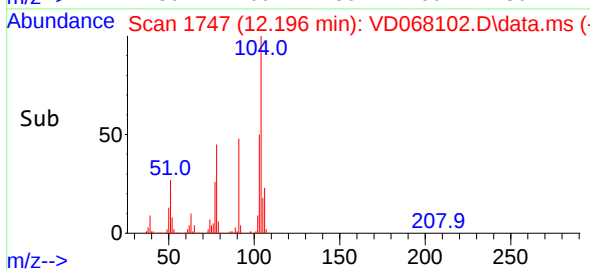
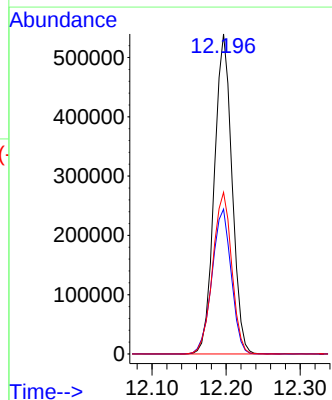
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#70
Styrene
Concen: 48.81 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion:104 Resp: 894414
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.2
103 54.2 43.1 64.7





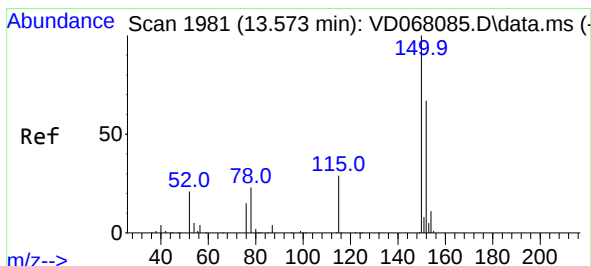
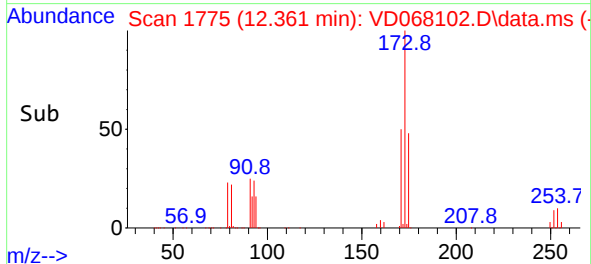
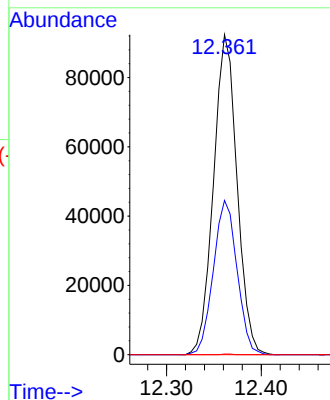
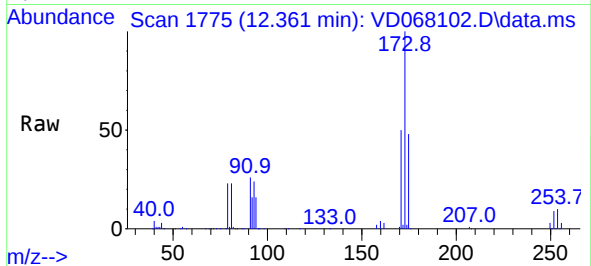
#71
Bromoform
Concen: 54.06 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:173 Resp: 159369
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

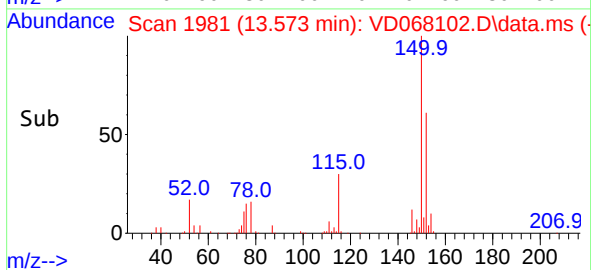
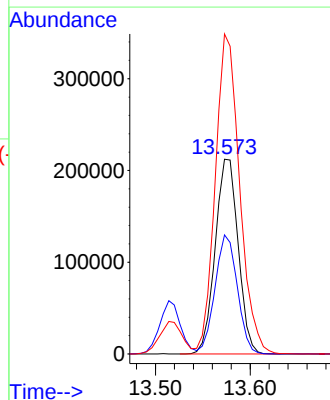
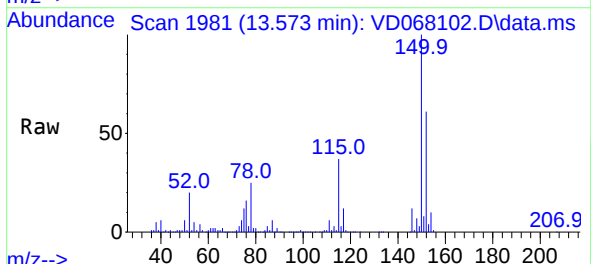
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

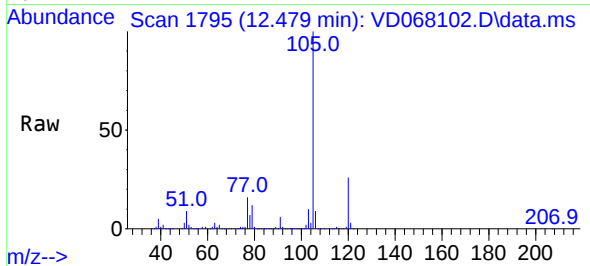
Tgt Ion:152 Resp: 357845
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 174.5 0.0 344.4





#73
Isopropylbenzene
Concen: 45.62 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

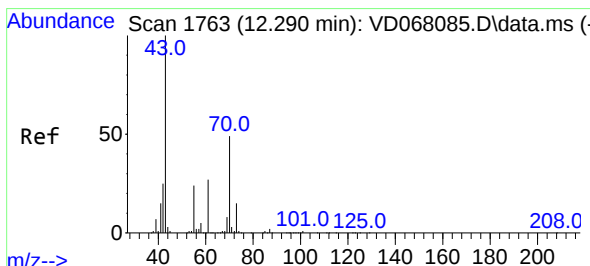
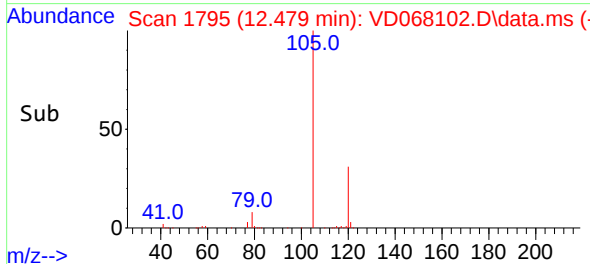
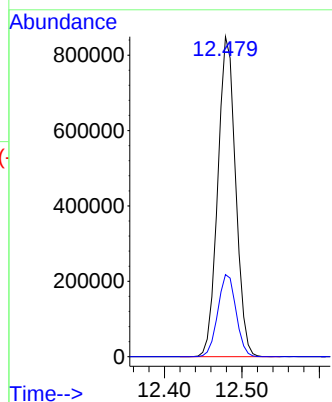
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



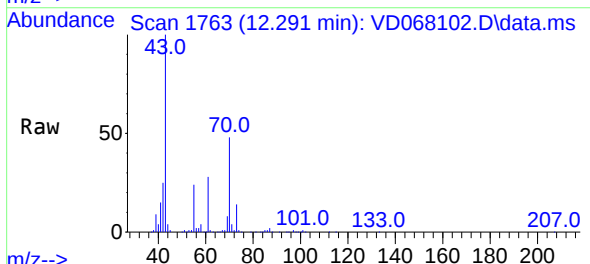
Tgt Ion:105 Resp: 1358482
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Manual Integrations
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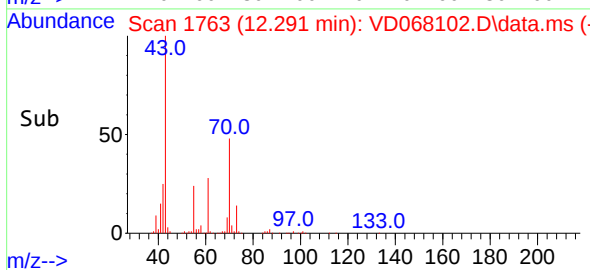
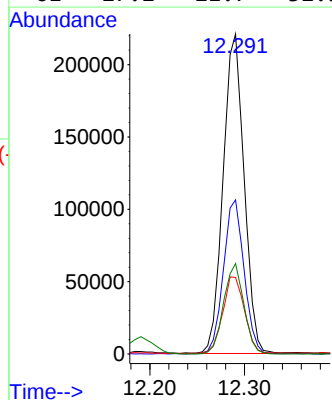
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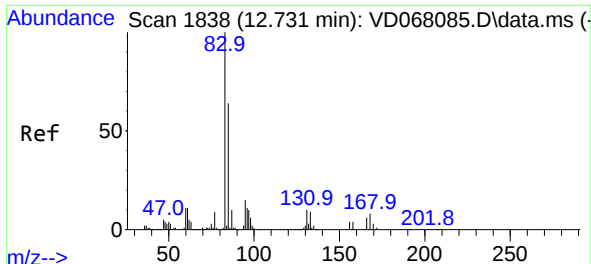


#74
N-ethyl acetate
Concen: 54.97 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 43 Resp: 340206
Ion Ratio Lower Upper
43 100
70 47.7 41.8 62.8
55 25.0 24.2 36.4
61 27.2 21.7 32.5





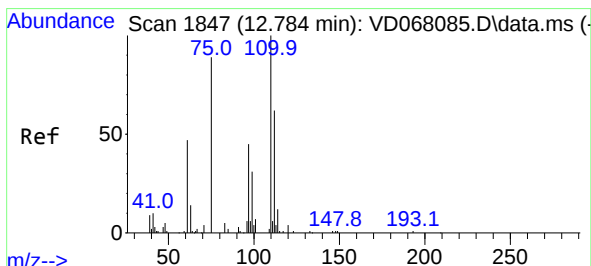
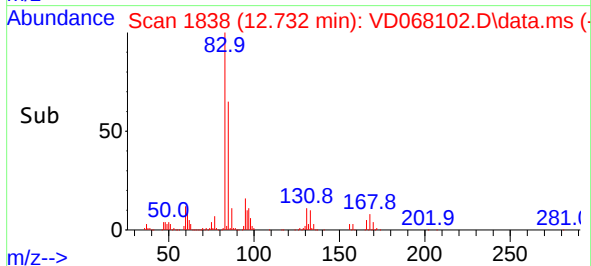
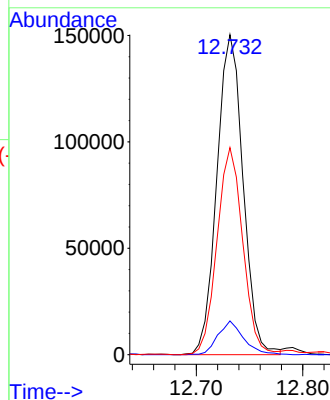
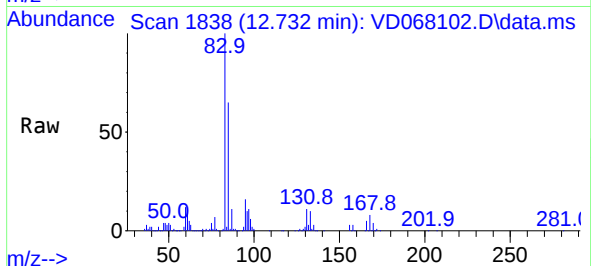
#75
1,1,2,2-Tetrachloroethane
Concen: 54.29 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 83 Resp: 257126
Ion Ratio Lower Upper
83 100
131 10.3 5.8 17.4
85 63.4 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

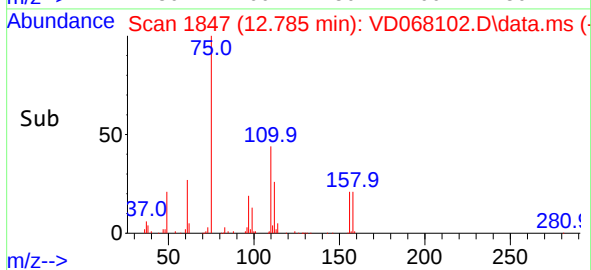
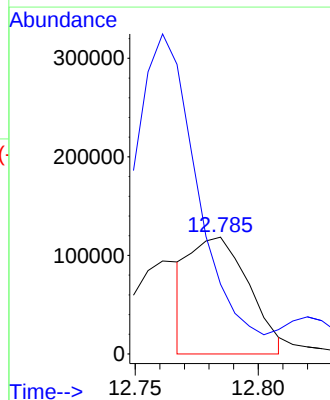
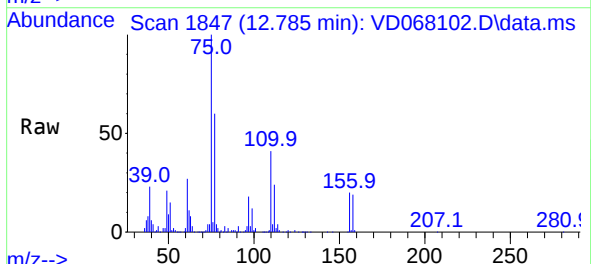
Manual Integrations
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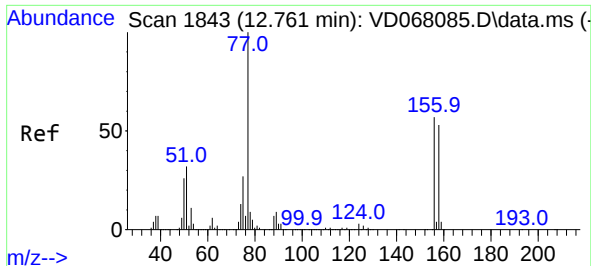
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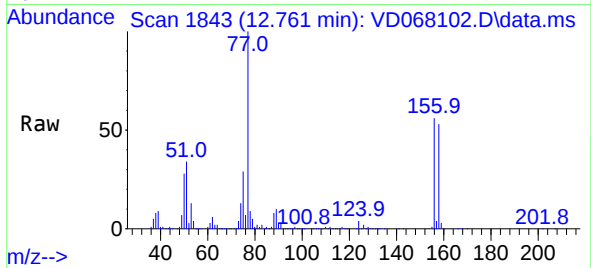
#76
1,2,3-Trichloropropane
Concen: 56.84 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 75 Resp: 196677
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

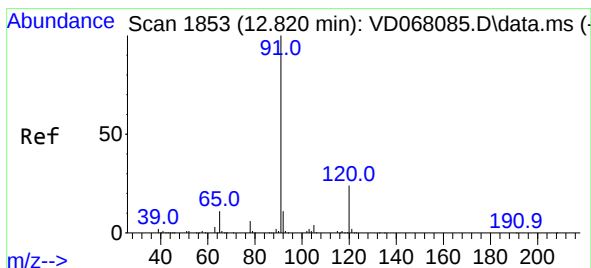
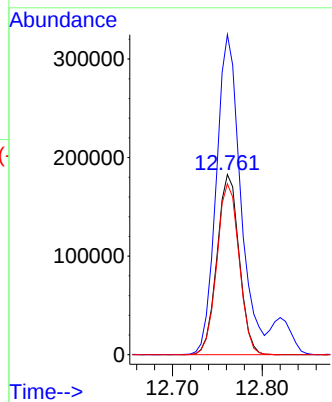
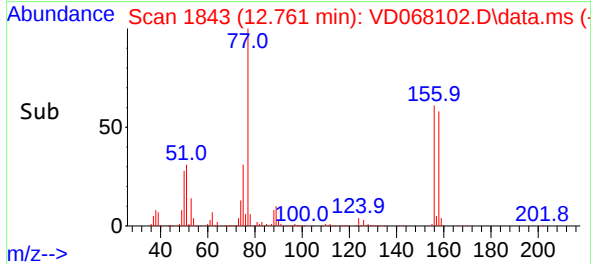




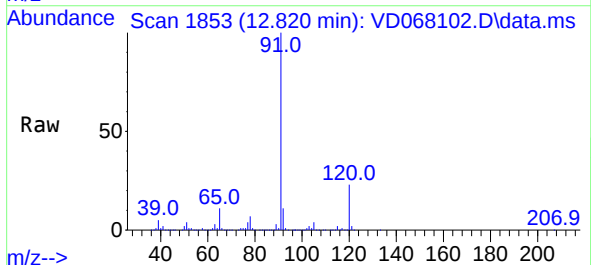
#77
Bromobenzene
Concen: 49.03 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



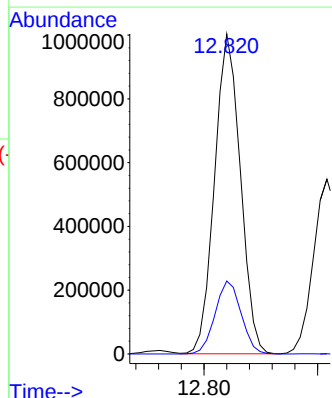
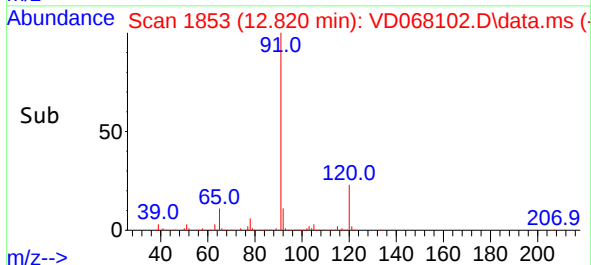
Tgt Ion:156 Resp: 313012
Ion Ratio Lower Upper
156 100
77 194.6 82.8 248.3
158 95.4 48.0 144.0



#78
n-propylbenzene
Concen: 44.84 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion: 91 Resp: 1579513
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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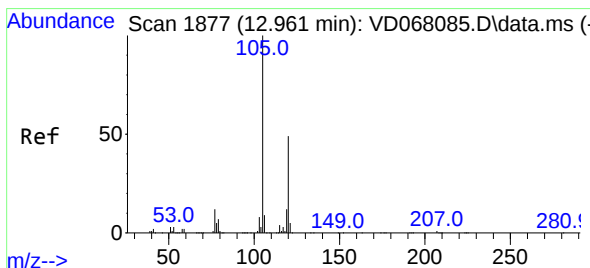
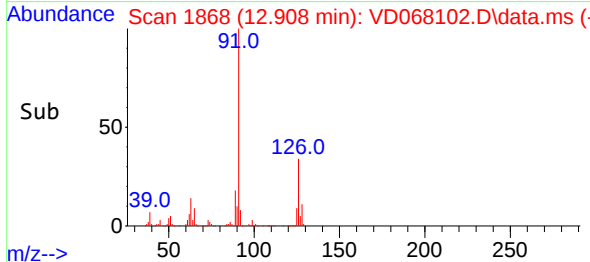
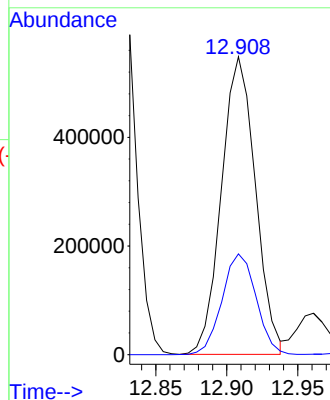
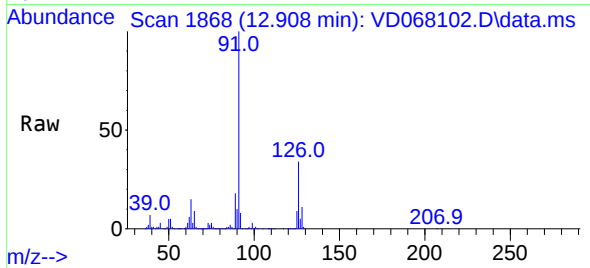
#79
2-Chlorotoluene
Concen: 46.17 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 91 Resp: 913264
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

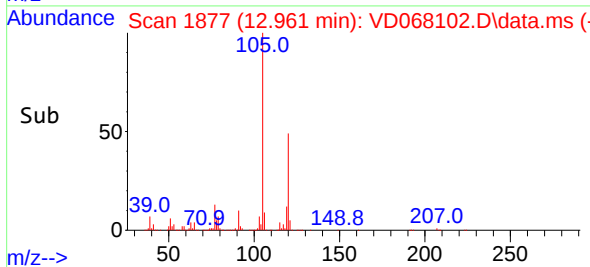
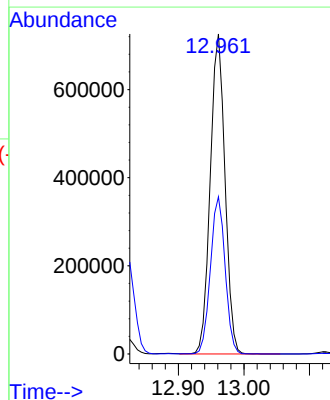
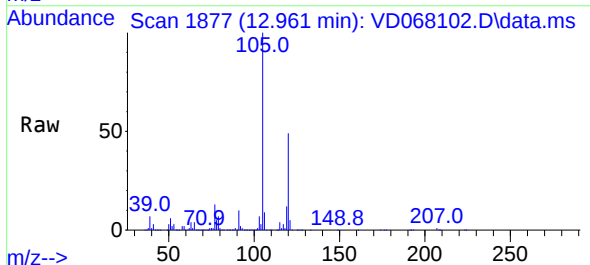
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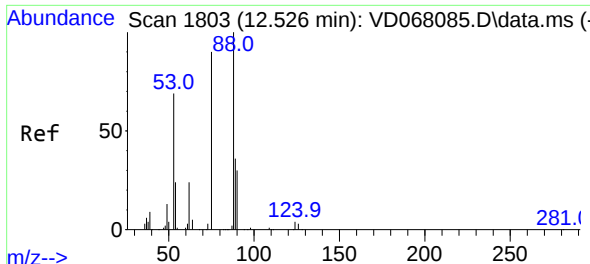
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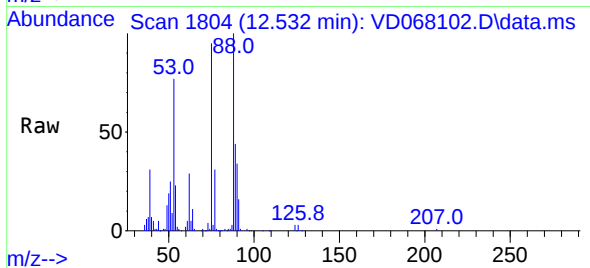
#80
1,3,5-Trimethylbenzene
Concen: 45.74 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion: 105 Resp: 1134427
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

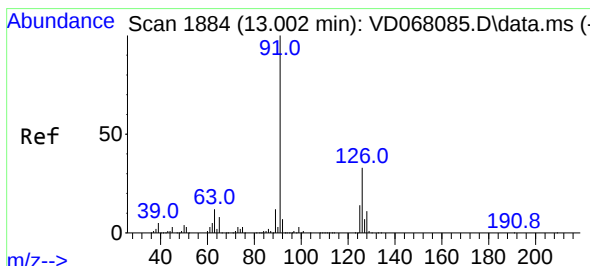
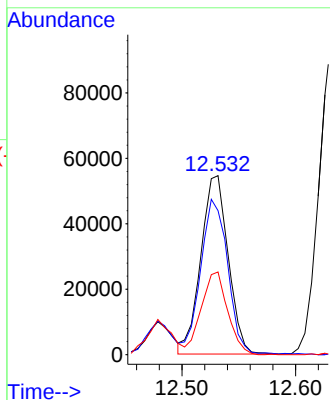
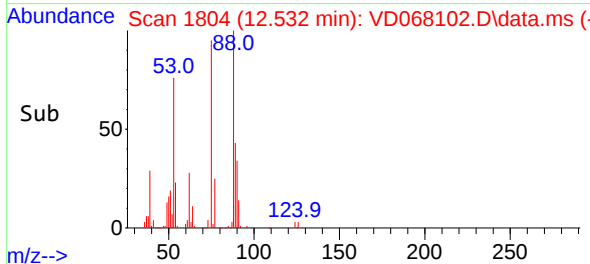




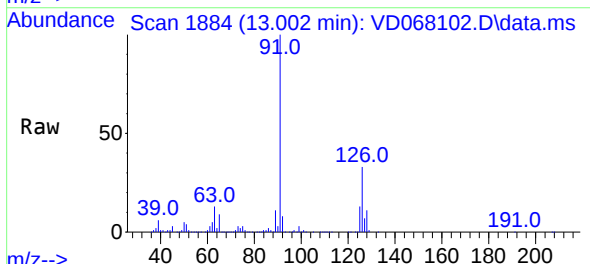
#81
trans-1,4-Dichloro-2-butene
Concen: 53.38 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



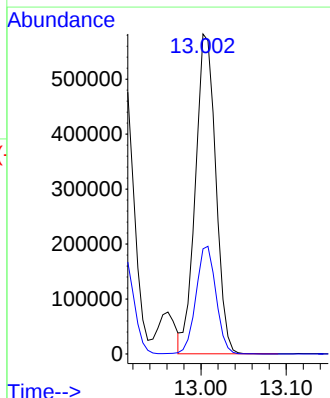
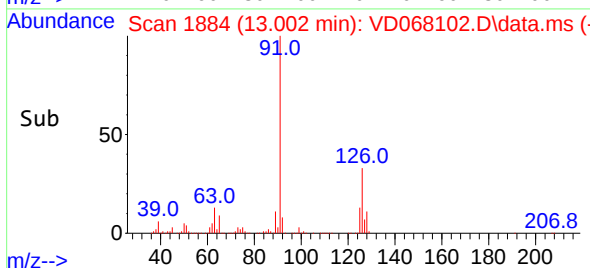
Tgt Ion: 75 Resp: 91279
Ion Ratio Lower Upper
75 100
53 87.6 70.2 105.2
89 44.7 40.3 60.5



#82
4-Chlorotoluene
Concen: 46.85 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



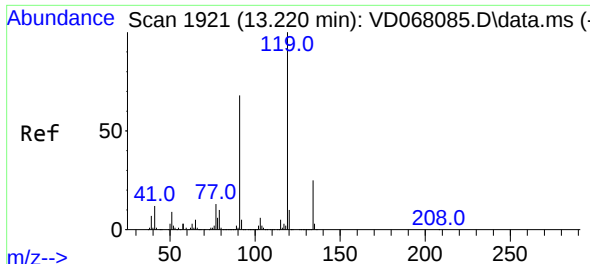
Tgt Ion: 91 Resp: 963479
Ion Ratio Lower Upper
91 100
126 33.2 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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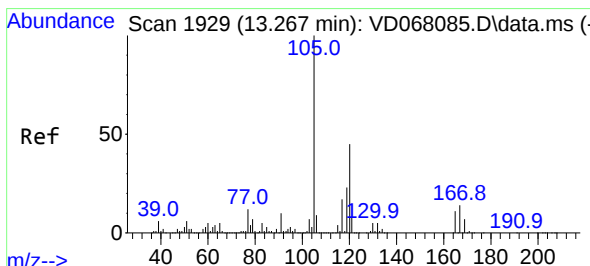
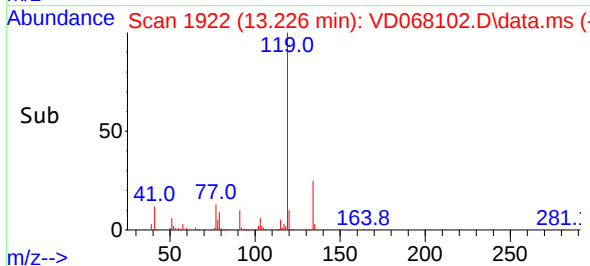
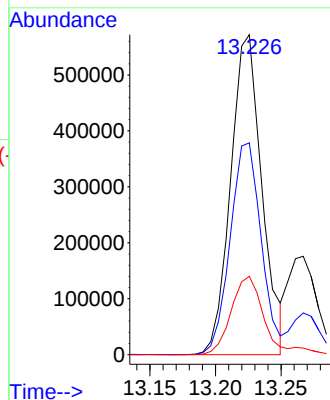
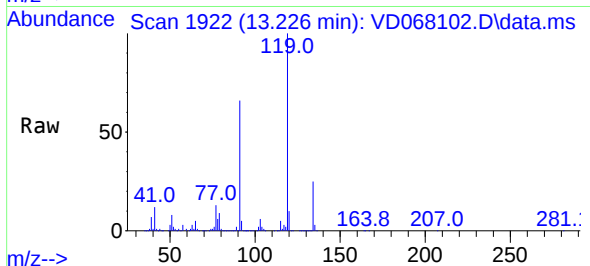
#83
tert-Butylbenzene
Concen: 45.17 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:119 Resp: 949155
Ion Ratio Lower Upper
119 100
91 65.7 31.1 93.5
134 26.1 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

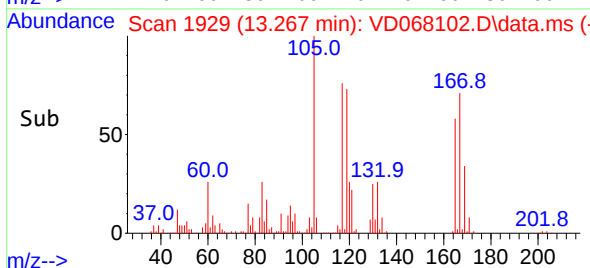
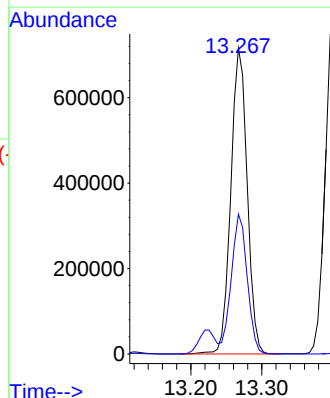
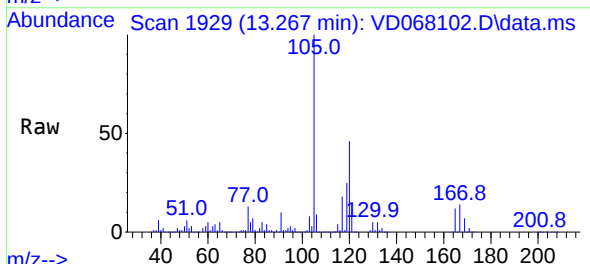
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#84
1,2,4-Trimethylbenzene
Concen: 46.50 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

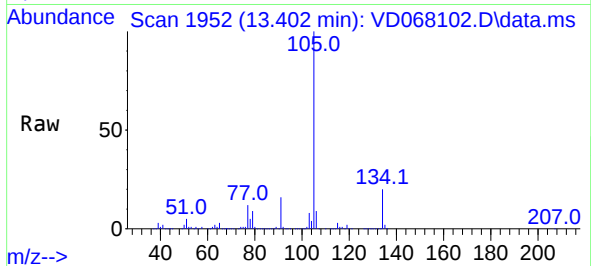
Tgt Ion:105 Resp: 1144522
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85
sec-Butylbenzene
Concen: 44.96 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

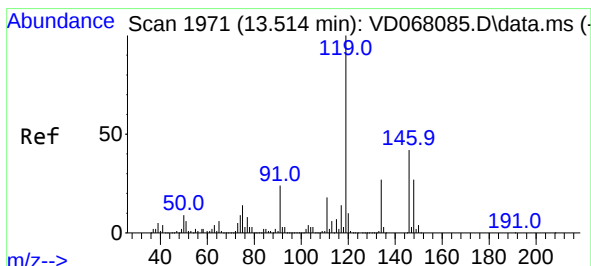
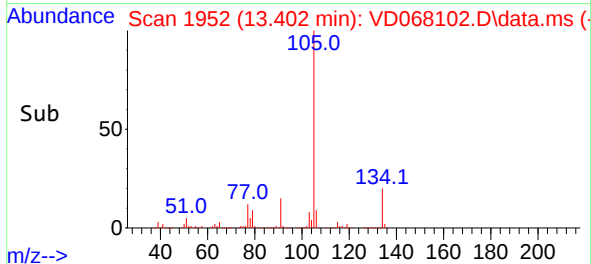
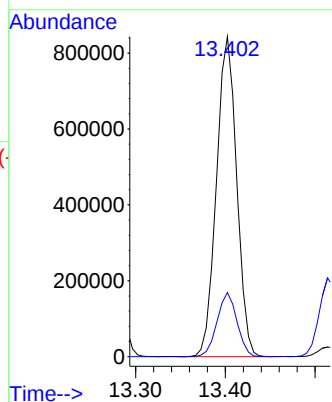
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



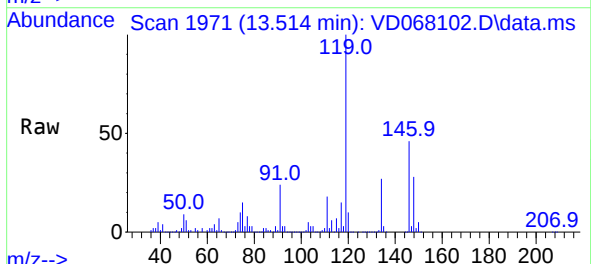
Tgt Ion:105 Resp: 1321426
Ion Ratio Lower Upper
105 100
134 19.7 10.3 30.9

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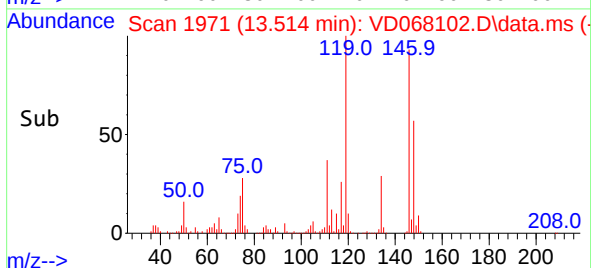
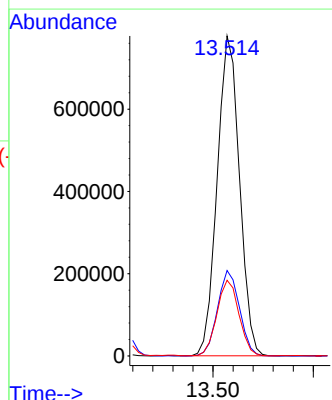
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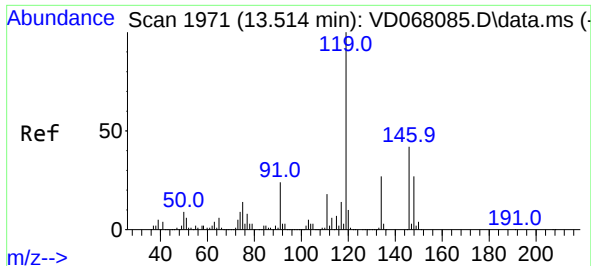


#86
p-Isopropyltoluene
Concen: 44.82 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

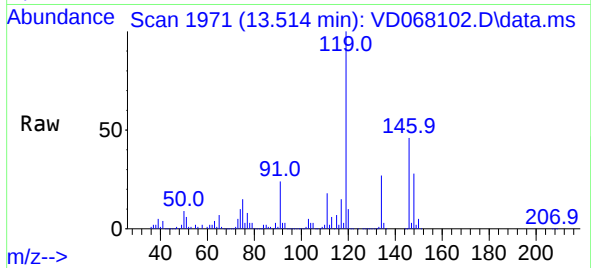


Tgt Ion:119 Resp: 1198319
Ion Ratio Lower Upper
119 100
134 26.3 12.9 38.7
91 23.3 11.7 35.0

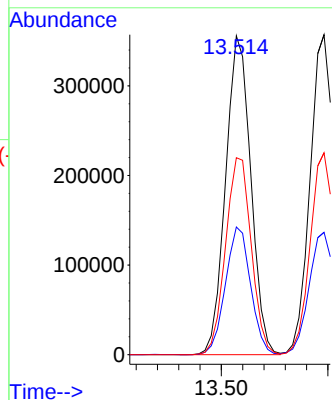




#87
1,3-Dichlorobenzene
Concen: 47.66 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



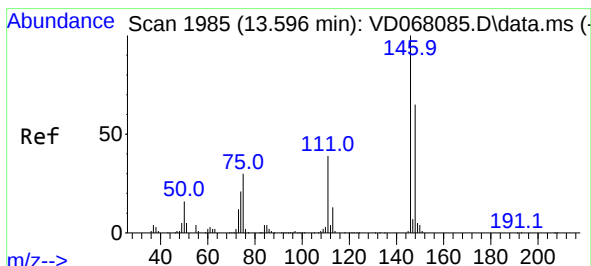
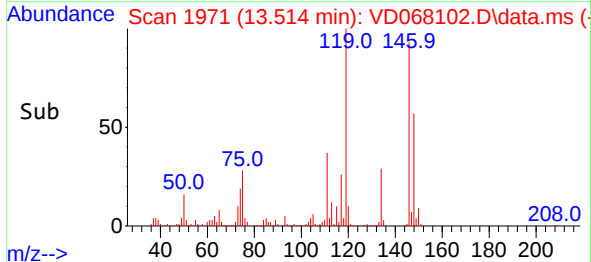
Tgt Ion:146 Resp: 584960
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 63.1 31.6 95.0



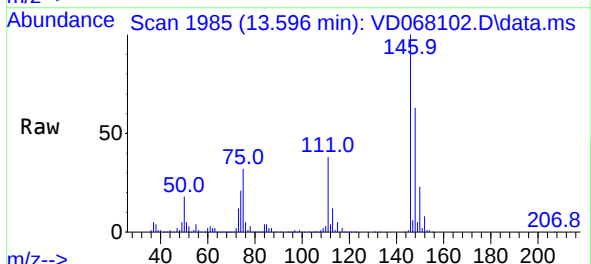
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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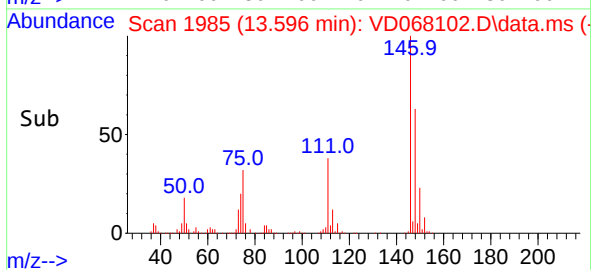
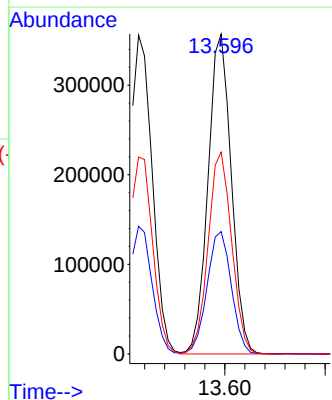
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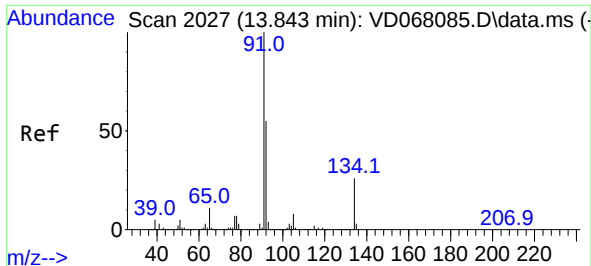


#88
1,4-Dichlorobenzene
Concen: 47.72 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



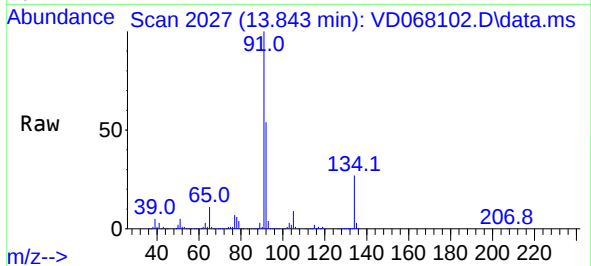
Tgt Ion:146 Resp: 577060
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 44.78 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

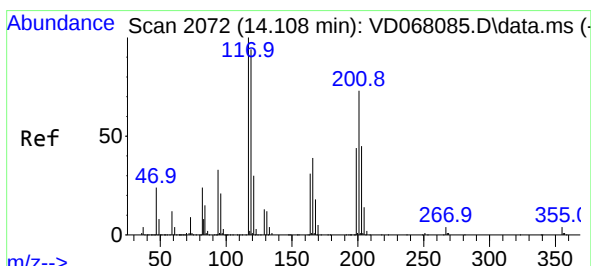
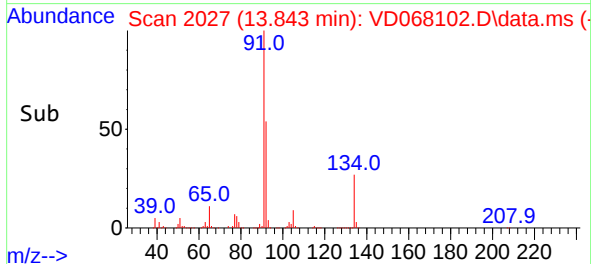
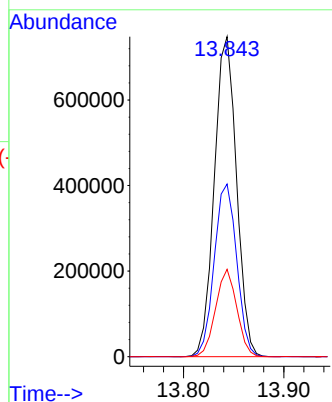


Tgt Ion: 91 Resp: 1148949

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	26.1	13.9	41.7

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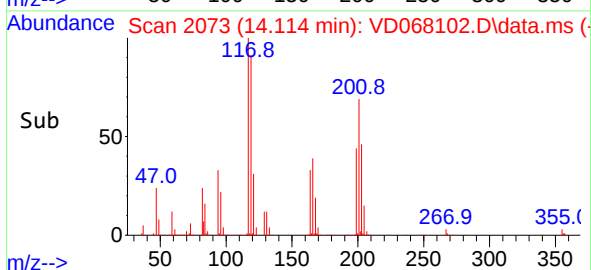
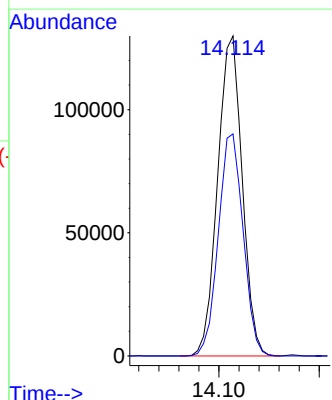
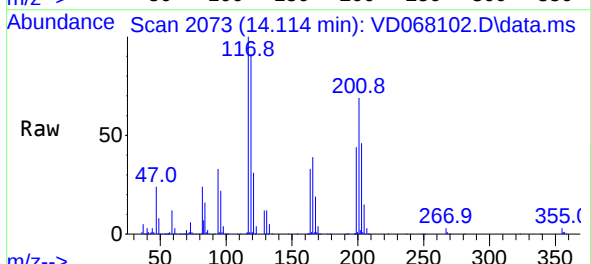
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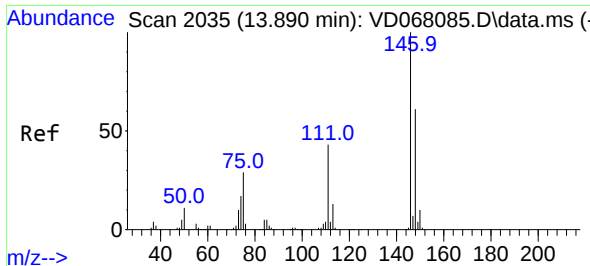


#90
Hexachloroethane
Concen: 45.71 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

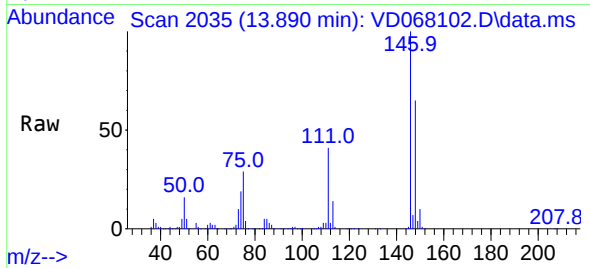
Tgt Ion: 117 Resp: 220767

Ion	Ratio	Lower	Upper
117	100		
201	70.0	39.5	118.5

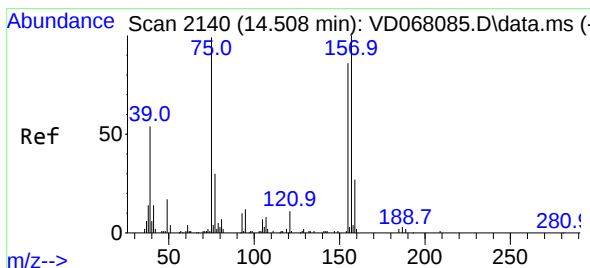
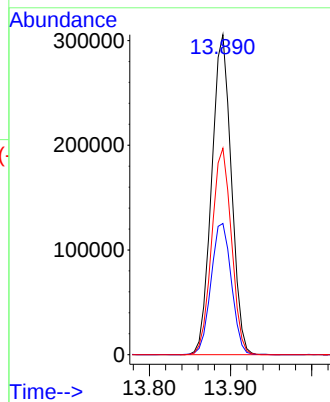
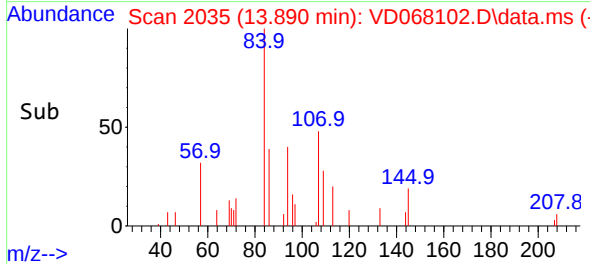




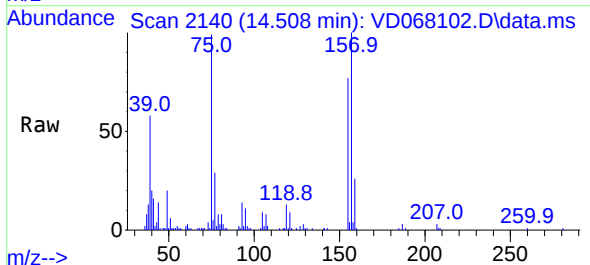
#91
1,2-Dichlorobenzene
Concen: 48.88 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



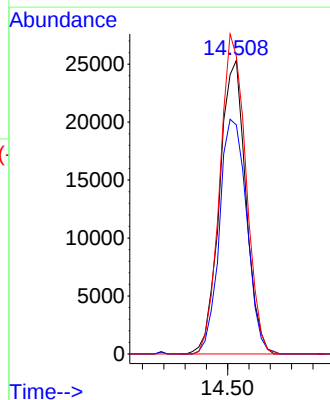
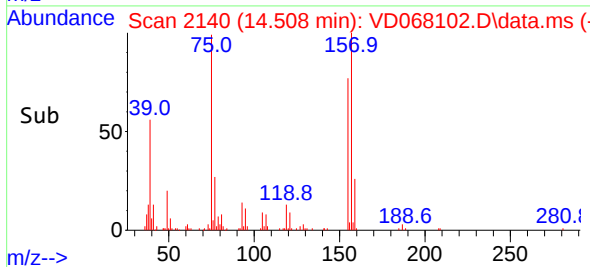
Tgt Ion:146 Resp: 513919
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 64.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.82 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



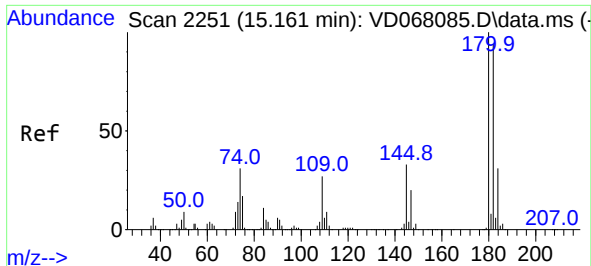
Tgt Ion: 75 Resp: 43265
Ion Ratio Lower Upper
75 100
155 83.3 48.0 144.2
157 108.0 65.0 194.8



Instrument :
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ClientSampleId :
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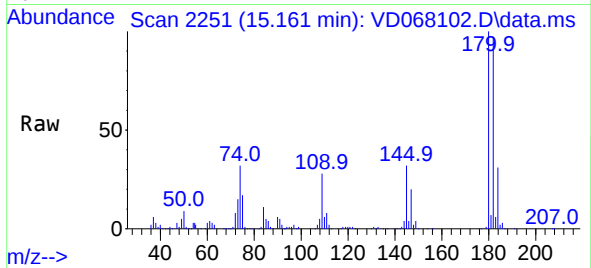
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#93
1,2,4-Trichlorobenzene
Concen: 48.20 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

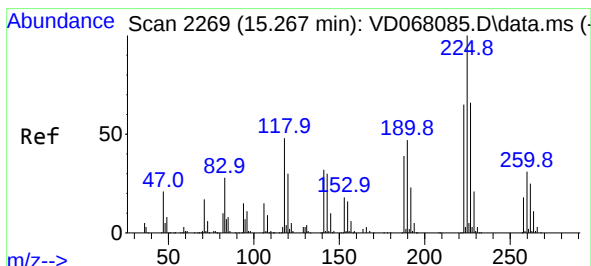
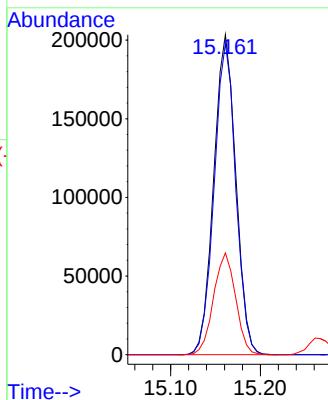
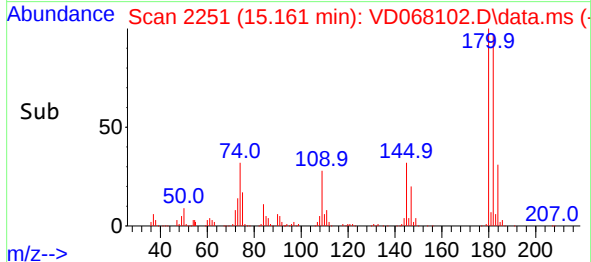
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



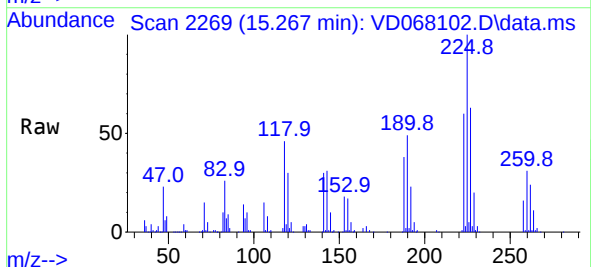
Tgt Ion:180 Resp: 347422
Ion Ratio Lower Upper
180 100
182 95.2 46.8 140.4
145 31.7 15.2 45.5

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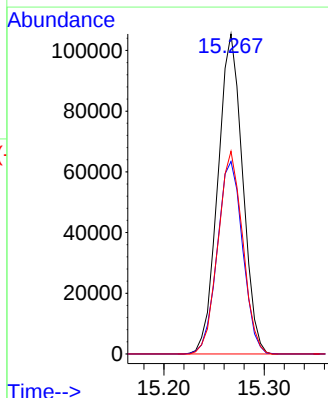
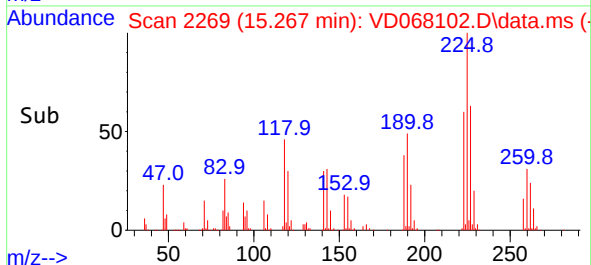
MMDadoda
1/20/2021 4:57:06 PM

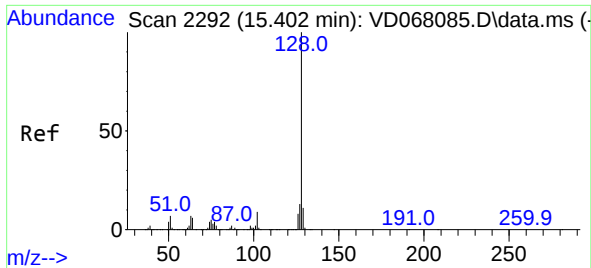


#94
Hexachlorobutadiene
Concen: 45.14 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36



Tgt Ion:225 Resp: 180375
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.5
227 63.2 32.1 96.5





#95
Naphthalene
Concen: 53.00 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

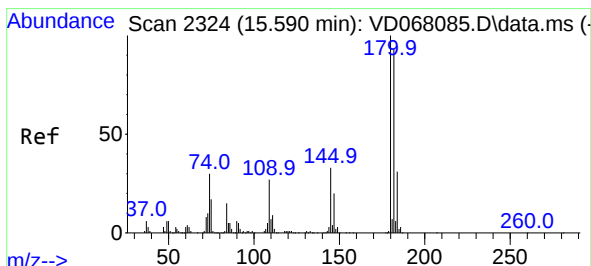
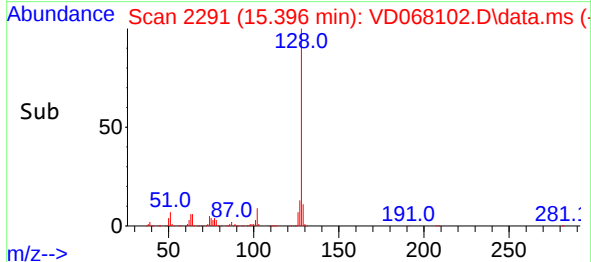
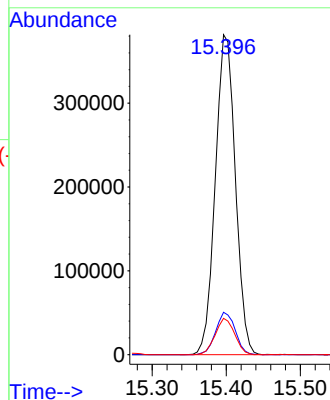
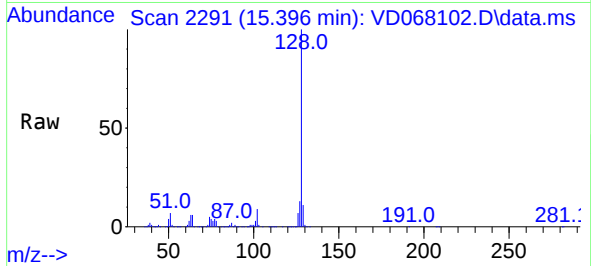
Tgt Ion:128 Resp: 716239

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/20/2021 4:57:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.31 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068102.D
Acq: 19 Jan 2021 20:36

Tgt Ion:180 Resp: 305844

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.3	144.8
145	33.9	16.7	50.1

