

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068771.D
 Acq On : 01 Apr 2021 21:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 4/2/2021 6:17:04 PM

Quant Time: Apr 02 01:07:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	254986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	449010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	440634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144287	56.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.24%			
35) Dibromofluoromethane	7.914	113	149512	53.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.04%			
50) Toluene-d8	10.338	98	560741	52.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.12%			
62) 4-Bromofluorobenzene	12.626	95	191726	54.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	88595	44.45	ug/l	99
3) Chloromethane	2.209	50	116125	47.29	ug/l	99
4) Vinyl Chloride	2.350	62	136404	46.99	ug/l	99
5) Bromomethane	2.762	94	103437	48.23	ug/l	93
6) Chloroethane	2.915	64	97177	51.11	ug/l	95
7) Trichlorofluoromethane	3.268	101	163737	47.32	ug/l	91
8) Diethyl Ether	3.715	74	53244	55.65	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	101342	48.95	ug/l	97
10) Methyl Iodide	4.297	142	109021	45.09	ug/l	98
11) Tert butyl alcohol	5.226	59	35907	303.07	ug/l	99
12) 1,1-Dichloroethene	4.062	96	100256	49.74	ug/l	96
13) Acrolein	3.920	56	19501	195.13	ug/l	99
14) Allyl chloride	4.715	41	130197	53.17	ug/l	98
15) Acrylonitrile	5.426	53	137367	294.97	ug/l	97
16) Acetone	4.168	43	85216	273.18	ug/l	100
17) Carbon Disulfide	4.409	76	318820	49.27	ug/l	100
18) Methyl Acetate	4.720	43	62536	72.93	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	293460	57.81	ug/l	98
20) Methylene Chloride	4.967	84	153766	58.50	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	141552	50.51	ug/l	94
22) Diisopropyl ether	6.367	45	336221	54.02	ug/l	97
23) Vinyl Acetate	6.309	43	902322	272.89	ug/l	98
24) 1,1-Dichloroethane	6.267	63	231515	50.72	ug/l	99
25) 2-Butanone	7.214	43	129834	251.19	ug/l	100
26) 2,2-Dichloropropane	7.209	77	168167	41.41	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	149127	47.76	ug/l	98
28) Bromochloromethane	7.550	49	101918	56.47	ug/l	95
29) Tetrahydrofuran	7.561	42	91752	280.83	ug/l	94
30) Chloroform	7.708	83	232603	46.89	ug/l	95
31) Cyclohexane	7.991	56	171307	41.29	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	216548	48.90	ug/l	99
36) 1,1-Dichloropropene	8.114	75	183057	45.65	ug/l	100
37) Ethyl Acetate	7.291	43	63103	49.86	ug/l	99
38) Carbon Tetrachloride	8.097	117	185327	46.31	ug/l	97
39) Methylcyclohexane	9.355	83	205410	41.50	ug/l	95
40) Benzene	8.350	78	569793	48.70	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35836	48.38	ug/l #	86
42) 1,2-Dichloroethane	8.426	62	159933	52.24	ug/l	98
43) Isopropyl Acetate	8.456	43	136039	56.04	ug/l	97
44) Trichloroethene	9.108	130	155720	47.96	ug/l	96
45) 1,2-Dichloropropane	9.391	63	142228	50.81	ug/l	96
46) Dibromomethane	9.473	93	85069	53.44	ug/l	100
47) Bromodichloromethane	9.661	83	209512	51.31	ug/l	99
48) Methyl methacrylate	9.455	41	62341	50.67	ug/l	88
49) 1,4-Dioxane	9.461	88	20765	1173.96	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	357109	282.57	ug/l	98
52) Toluene	10.402	92	366645	49.52	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	191938	51.10	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	223603	50.13	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	117981	52.69	ug/l	99
56) Ethyl methacrylate	10.661	69	135008	55.80	ug/l	98
57) 1,3-Dichloropropane	10.944	76	196539	53.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	337603	273.88	ug/l	100
59) 2-Hexanone	10.985	43	240589	283.52	ug/l	99
60) Dibromochloromethane	11.138	129	149109	53.69	ug/l	99
61) 1,2-Dibromoethane	11.244	107	116199	53.76	ug/l	99
64) Tetrachloroethene	10.873	164	124023	43.42	ug/l	96
65) Chlorobenzene	11.667	112	406694	46.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	146523	46.96	ug/l	100
67) Ethyl Benzene	11.738	91	675024	44.62	ug/l	98
68) m/p-Xylenes	11.849	106	555107	94.18	ug/l	99
69) o-Xylene	12.179	106	257511	47.14	ug/l	99
70) Styrene	12.191	104	462260	49.24	ug/l	99
71) Bromoform	12.355	173	84594	51.41	ug/l #	98
73) Isopropylbenzene	12.479	105	664528	45.15	ug/l	99
74) N-amyl acetate	12.285	43	126205	51.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	136217	52.38	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	84103m	47.17	ug/l	
77) Bromobenzene	12.755	156	171176	49.58	ug/l	99
78) n-propylbenzene	12.814	91	798187	45.55	ug/l	100
79) 2-Chlorotoluene	12.902	91	458629	47.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	576562	48.44	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	40144	51.22	ug/l	99
82) 4-Chlorotoluene	13.002	91	489368	47.90	ug/l	98
83) tert-Butylbenzene	13.220	119	471470	46.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	587185	47.75	ug/l	98
85) sec-Butylbenzene	13.396	105	650126	44.08	ug/l	98
86) p-Isopropyltoluene	13.514	119	616327	45.92	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	324843	47.18	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	317609	46.93	ug/l	99
89) n-Butylbenzene	13.838	91	570967	44.82	ug/l	98
90) Hexachloroethane	14.102	117	116714	48.34	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	284199	48.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19814	53.25	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	181932	47.87	ug/l	98
94) Hexachlorobutadiene	15.261	225	95001	43.78	ug/l	97
95) Naphthalene	15.396	128	351042	52.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	158955	49.12	ug/l	99

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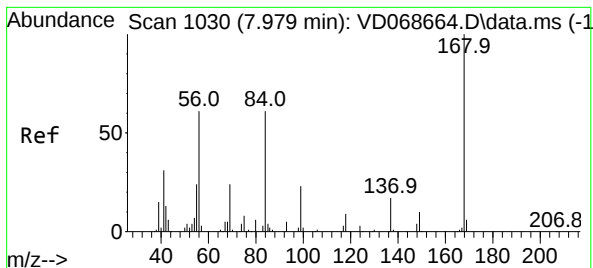
Manual Integrations
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QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

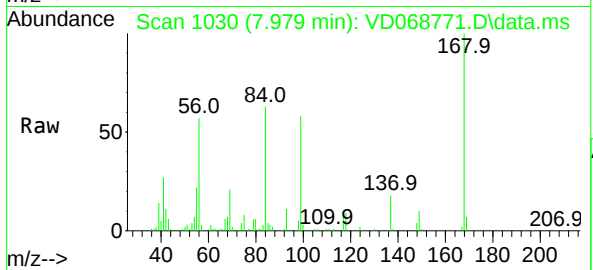
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

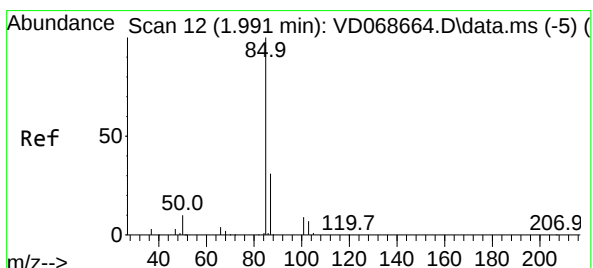
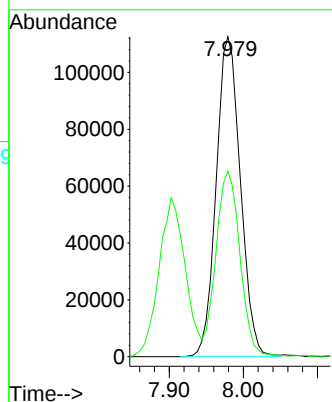
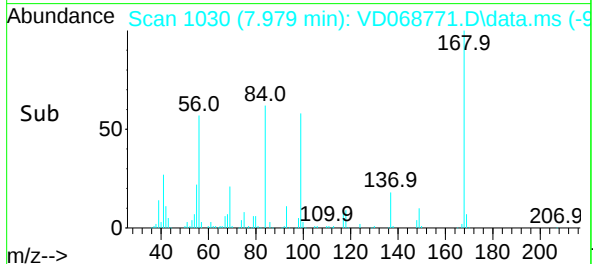
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



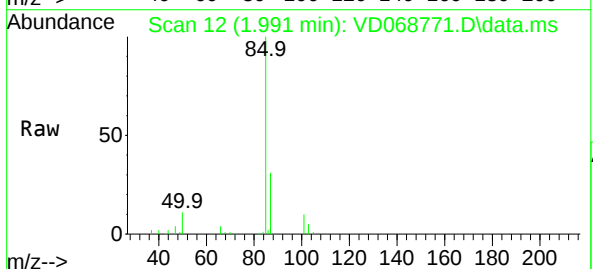
Tgt Ion:168 Resp: 254986
Ion Ratio Lower Upper
168 100
99 57.7 46.2 69.2

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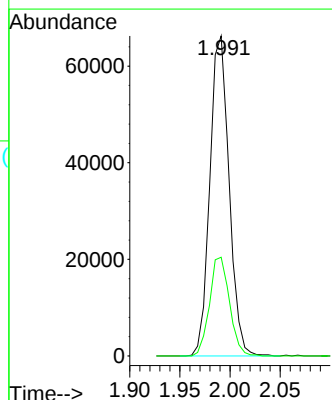
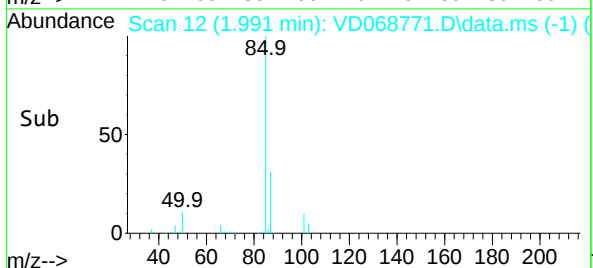
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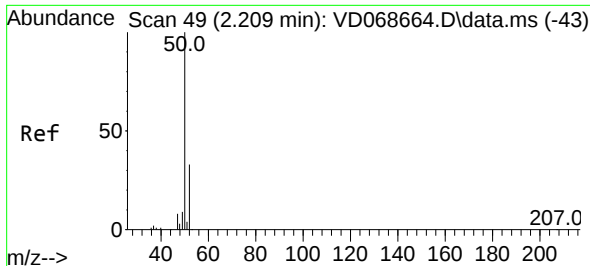


#2
Dichlorodifluoromethane
Concen: 44.45 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



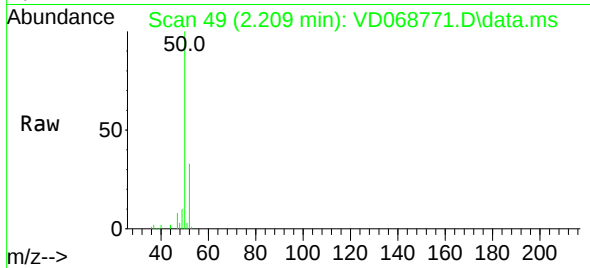
Tgt Ion: 85 Resp: 88595
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0



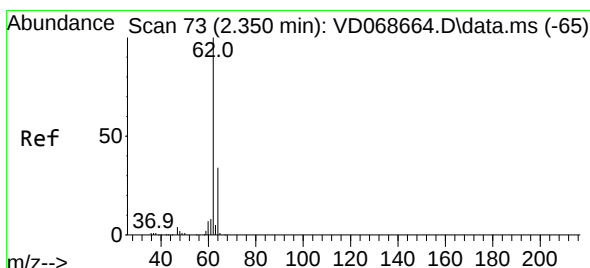
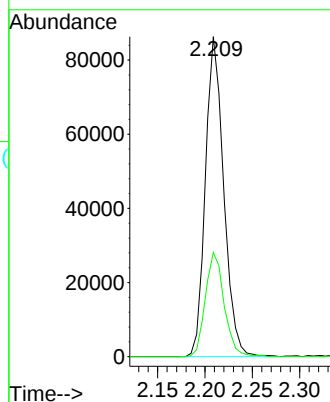
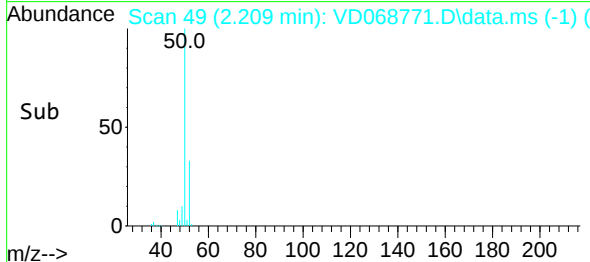


#3
Chloromethane
Concen: 47.29 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

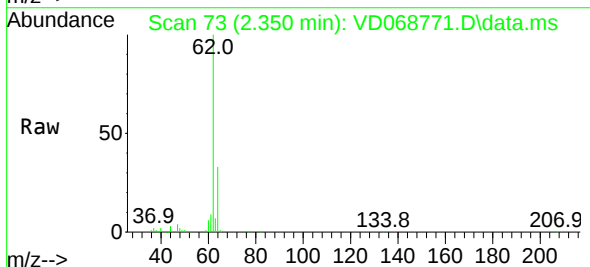
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ClientSampleId :
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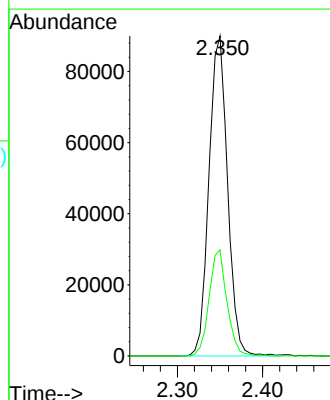
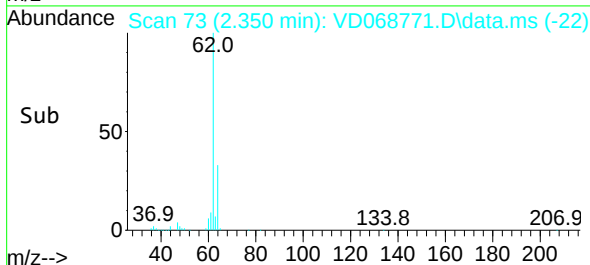
Tgt Ion: 50 Resp: 116125
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1

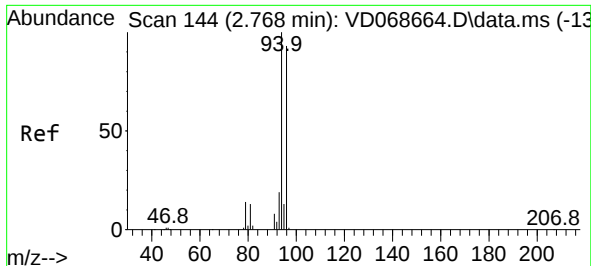


#4
Vinyl Chloride
Concen: 46.99 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



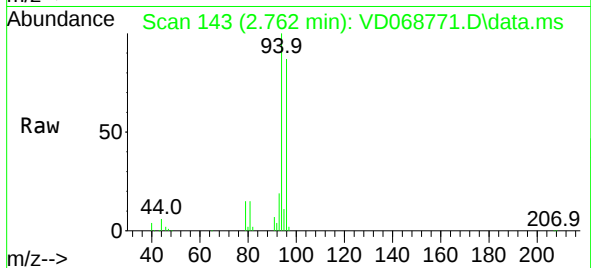
Tgt Ion: 62 Resp: 136404
Ion Ratio Lower Upper
62 100
64 33.2 27.1 40.7





#5
Bromomethane
Concen: 48.23 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

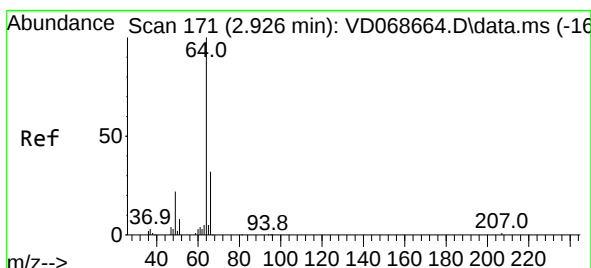
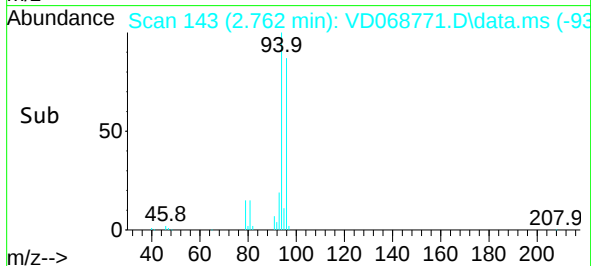
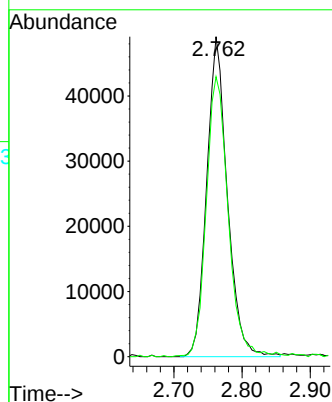
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 103437
Ion Ratio Lower Upper
94 100
96 87.1 74.7 112.1

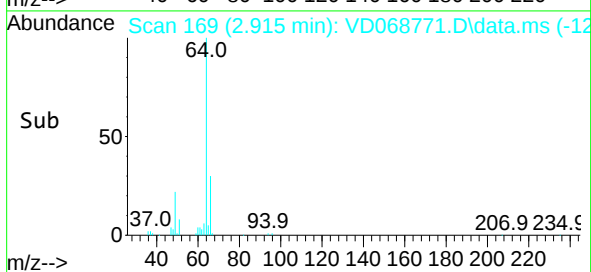
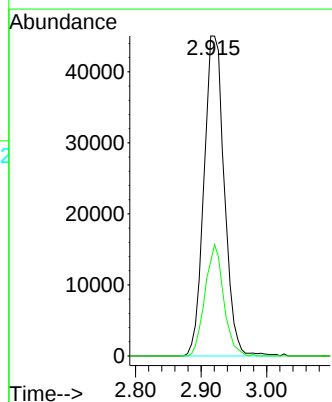
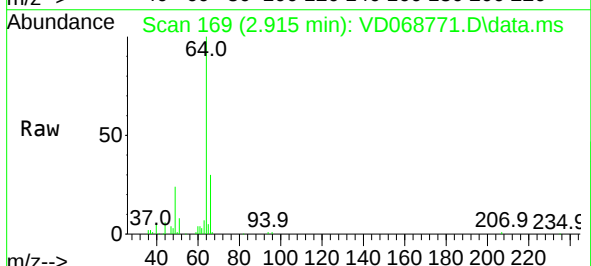
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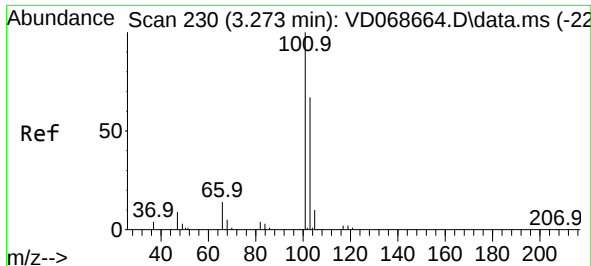
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#6
Chloroethane
Concen: 51.11 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

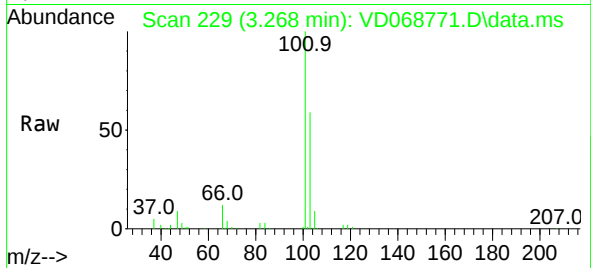
Tgt Ion: 64 Resp: 97177
Ion Ratio Lower Upper
64 100
66 29.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 47.32 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

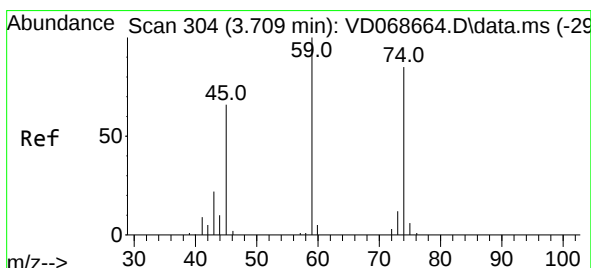
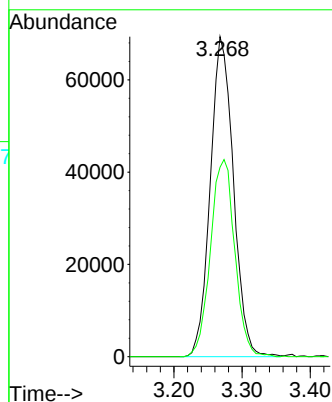
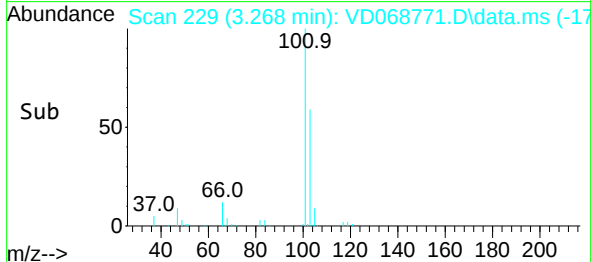
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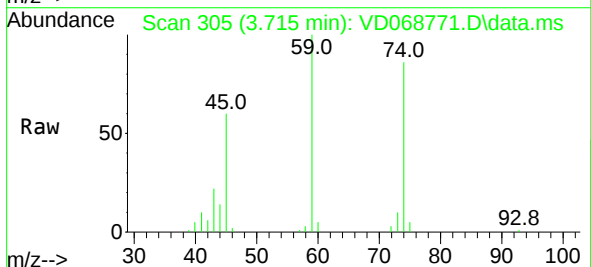
Tgt Ion:101 Resp: 163737
Ion Ratio Lower Upper
101 100
103 59.2 53.4 80.2

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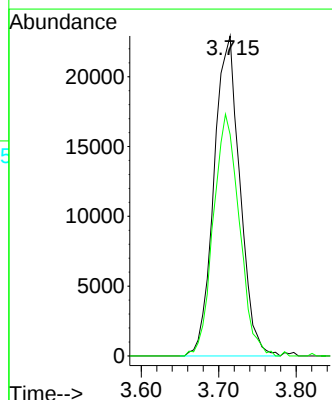
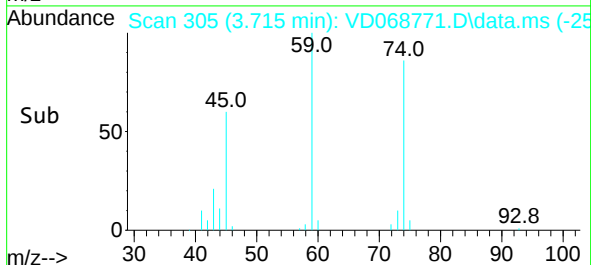
MMDadoda
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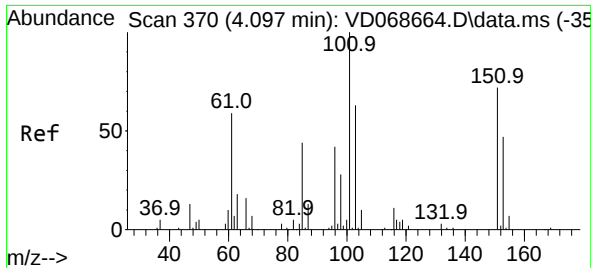


#8
Diethyl Ether
Concen: 55.65 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD068771.D
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Tgt Ion: 74 Resp: 53244
Ion Ratio Lower Upper
74 100
45 76.0 40.5 121.5





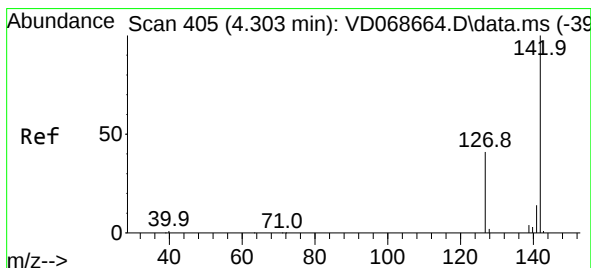
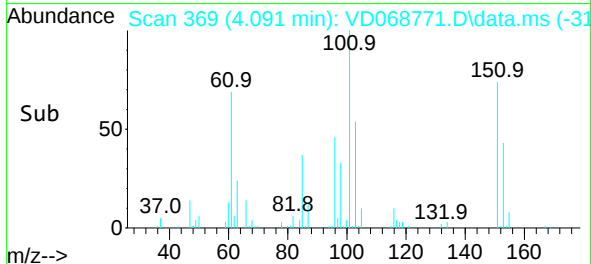
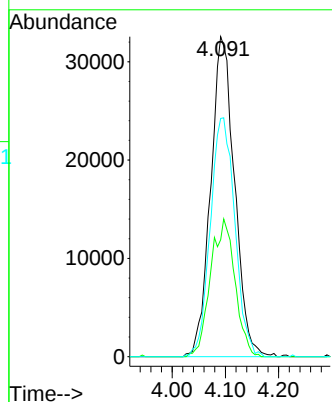
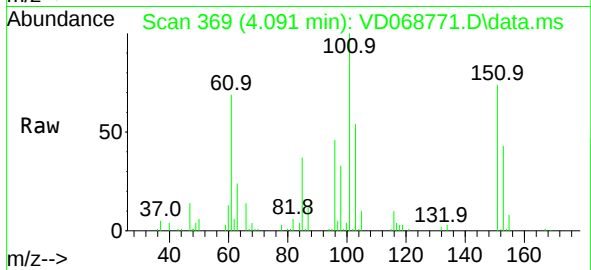
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1,1,2-Trichlorotrifluoroethane
Concen: 48.95 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068771.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.8	50.6
151	76.7	59.4	89.2

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ClientSampleId :
VSTDCCC050EC

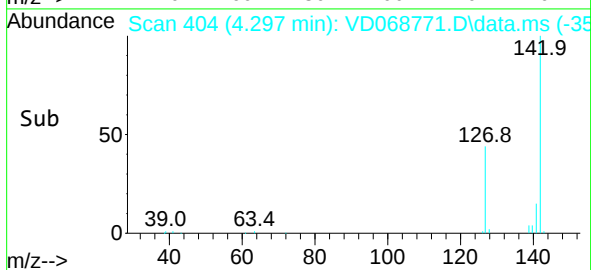
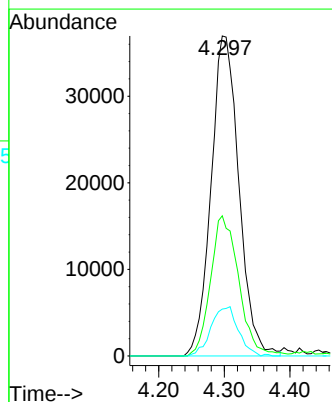
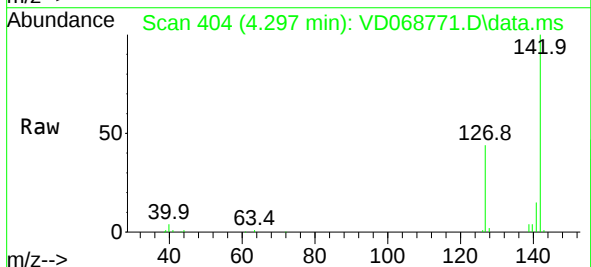
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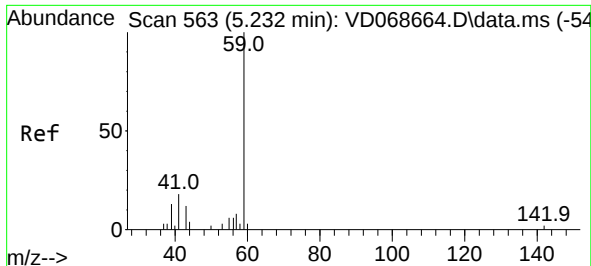
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#10
Methyl Iodide
Concen: 45.09 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

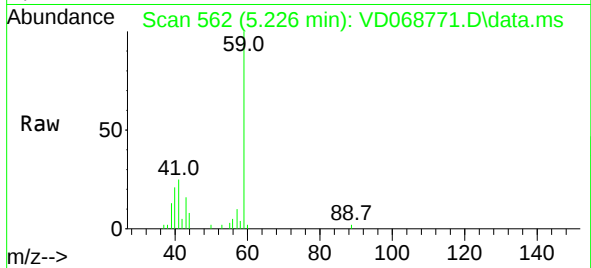
Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.3	34.7	52.1
141	15.0	11.0	16.4





#11
Tert butyl alcohol
Concen: 303.07 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

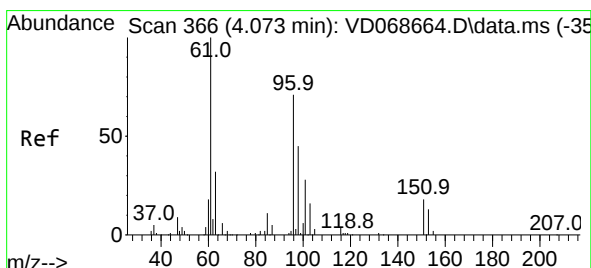
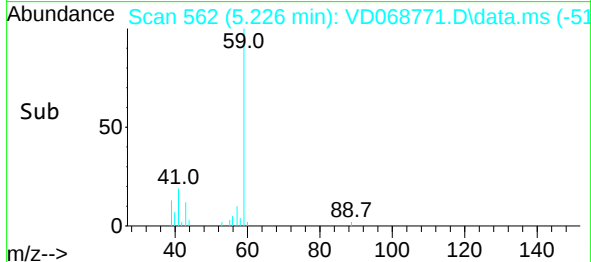
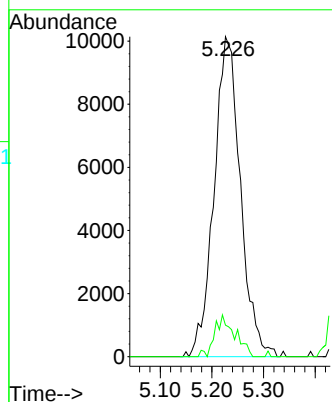
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 35907
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

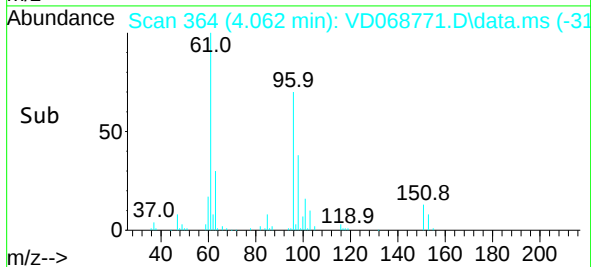
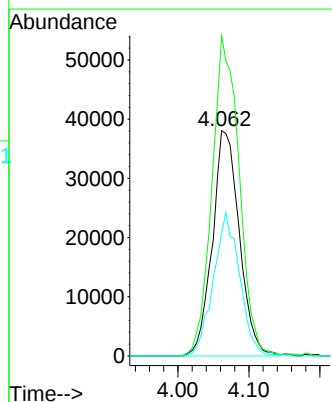
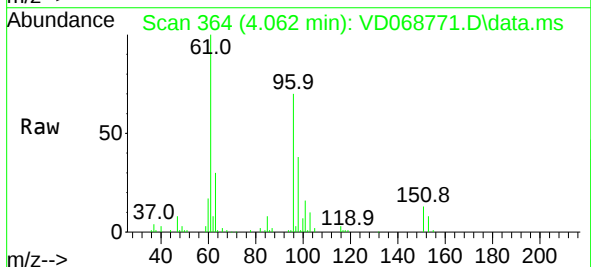
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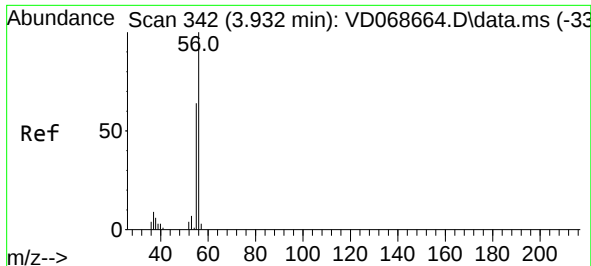
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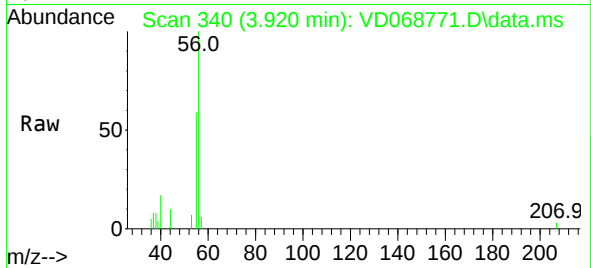
#12
1,1-Dichloroethene
Concen: 49.74 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 96 Resp: 100256
Ion Ratio Lower Upper
96 100
61 142.0 112.2 168.2
98 54.5 50.2 75.2

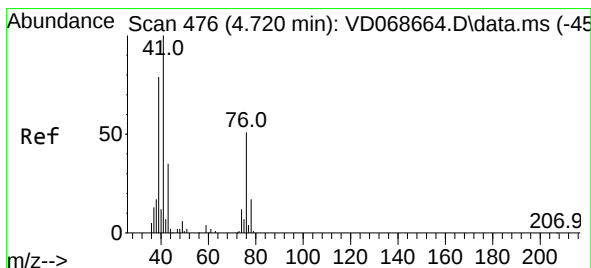
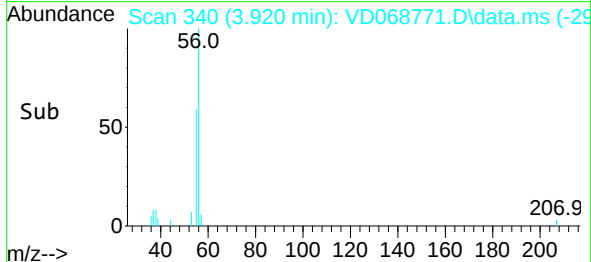
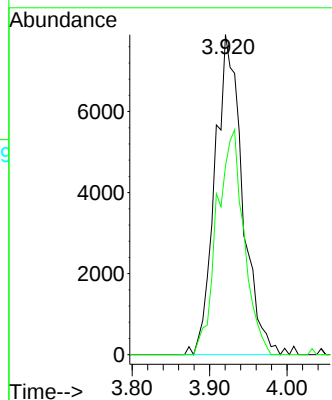




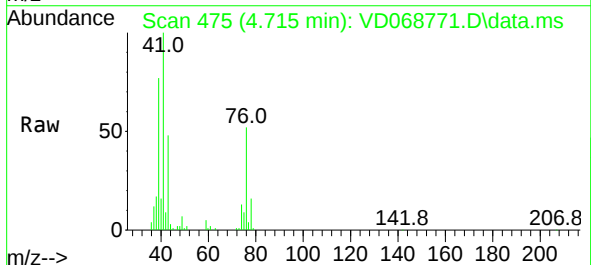
#13
Acrolein
Concen: 195.13 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



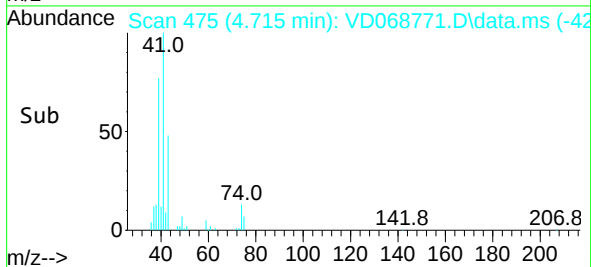
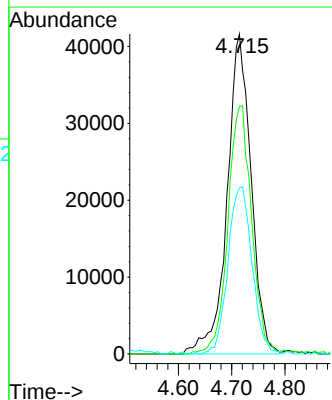
Tgt Ion: 56 Resp: 19501
Ion Ratio Lower Upper
56 100
55 69.1 54.7 82.1



#14
Allyl chloride
Concen: 53.17 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



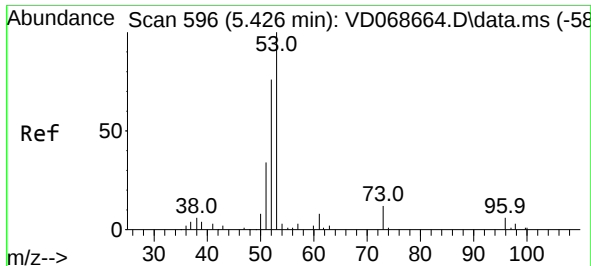
Tgt Ion: 41 Resp: 130197
Ion Ratio Lower Upper
41 100
39 76.8 60.6 91.0
76 52.3 40.4 60.6



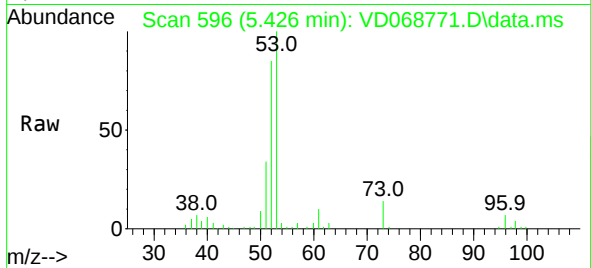
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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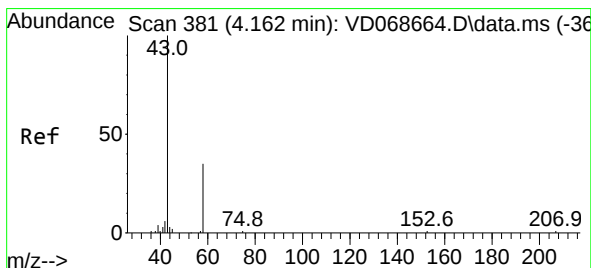
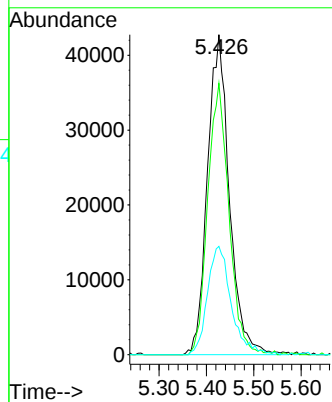
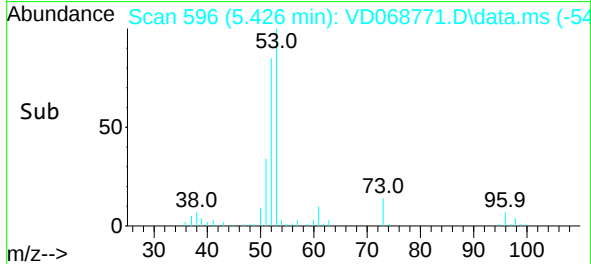
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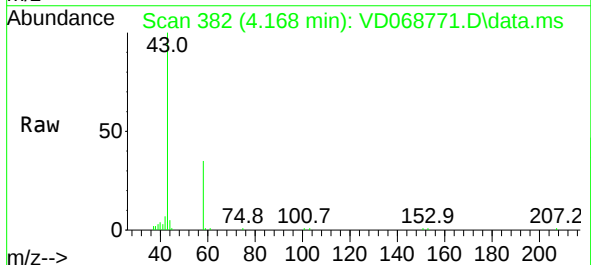
#15
Acrylonitrile
Concen: 294.97 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



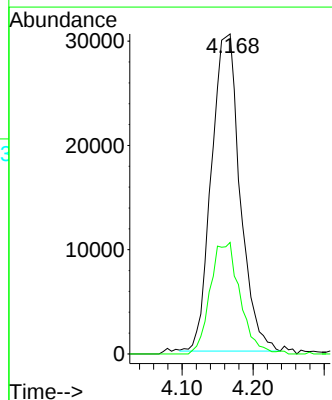
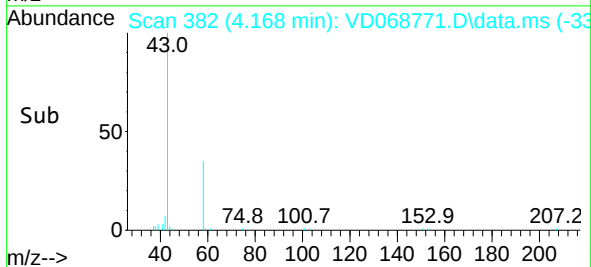
Tgt Ion: 53 Resp: 137367
Ion Ratio Lower Upper
53 100
52 82.1 63.3 94.9
51 36.7 28.3 42.5



#16
Acetone
Concen: 273.18 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



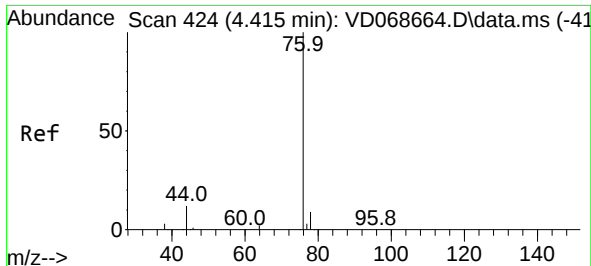
Tgt Ion: 43 Resp: 85216
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0



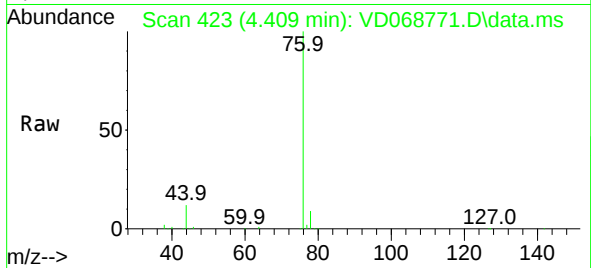
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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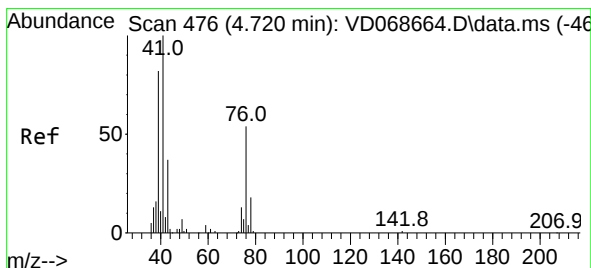
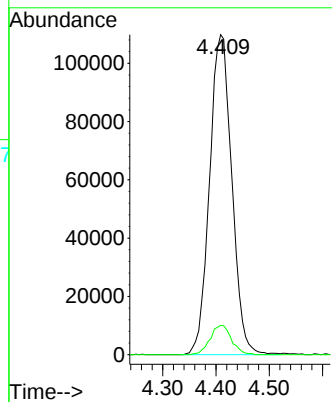
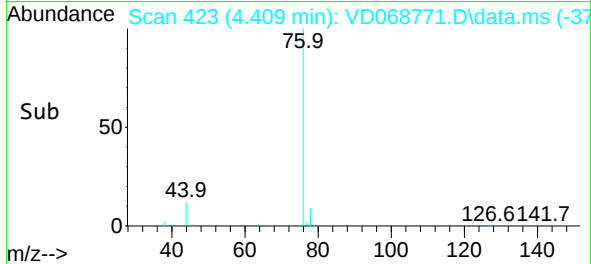
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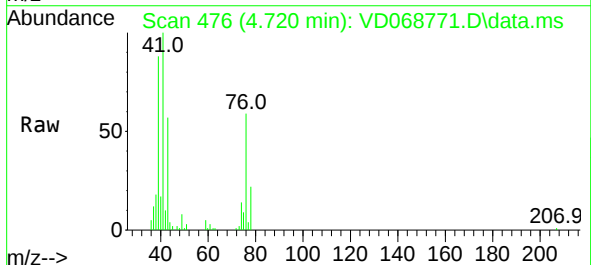
#17
Carbon Disulfide
Concen: 49.27 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



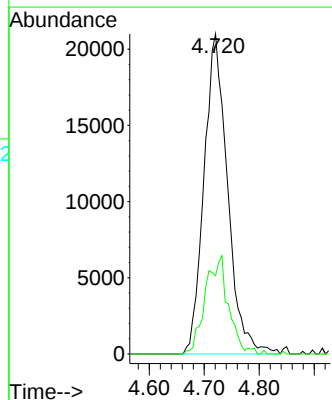
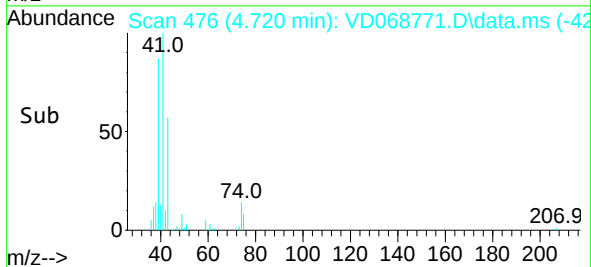
Tgt Ion: 76 Resp: 318820
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 72.93 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



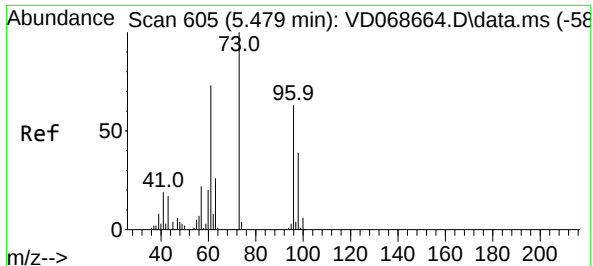
Tgt Ion: 43 Resp: 62536
Ion Ratio Lower Upper
43 100
74 30.2 25.4 38.2



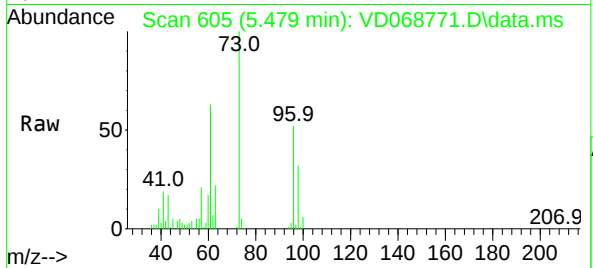
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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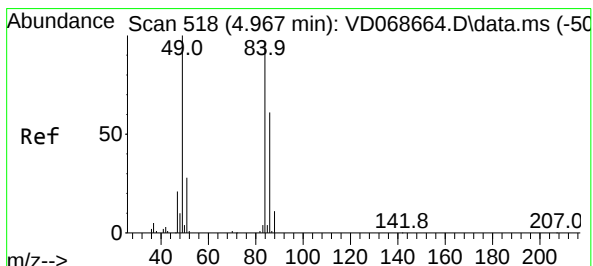
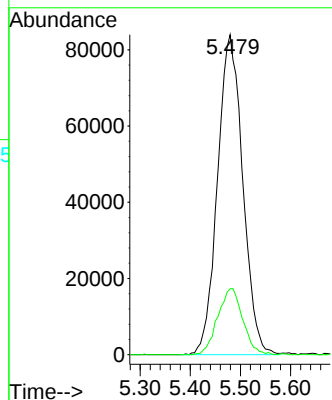
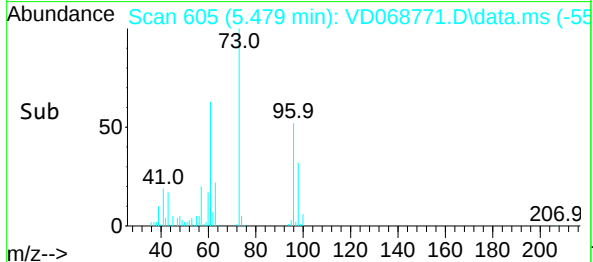
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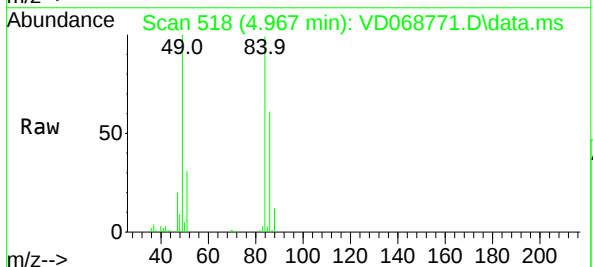
#19
Methyl tert-butyl Ether
Concen: 57.81 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



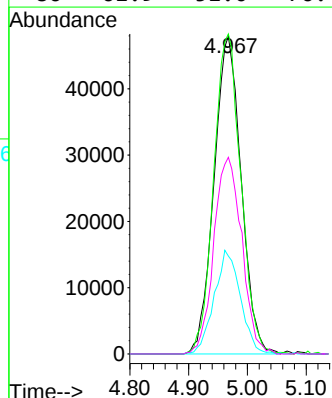
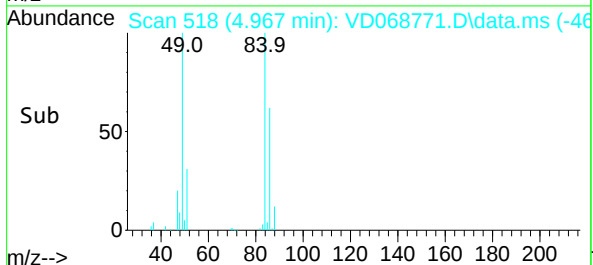
Tgt Ion: 73 Resp: 293460
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 58.50 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



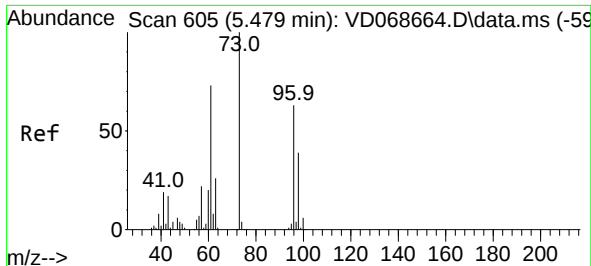
Tgt Ion: 84 Resp: 153766
Ion Ratio Lower Upper
84 100
49 100.8 83.4 125.0
51 30.8 23.4 35.2
86 61.9 51.0 76.4



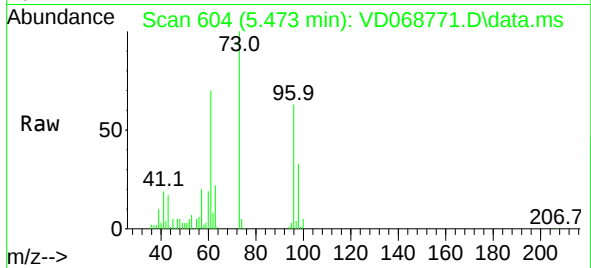
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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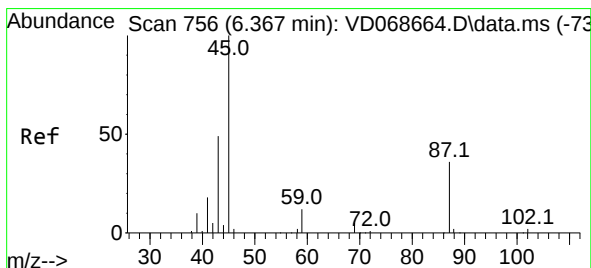
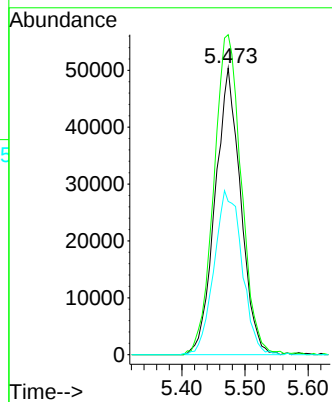
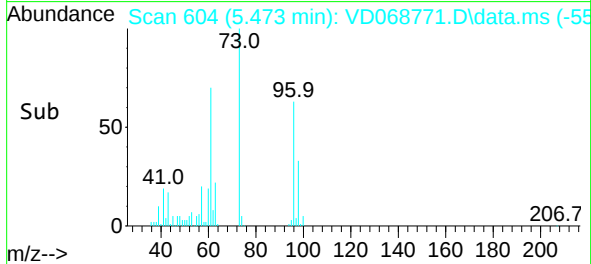
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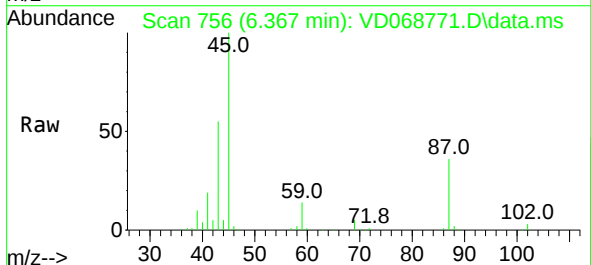
#21
trans-1,2-Dichloroethene
Concen: 50.51 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



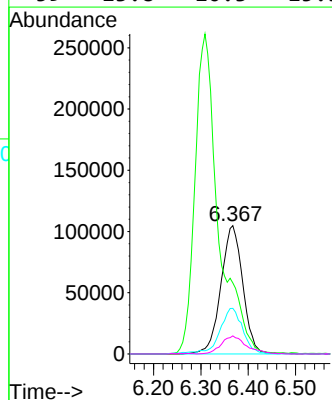
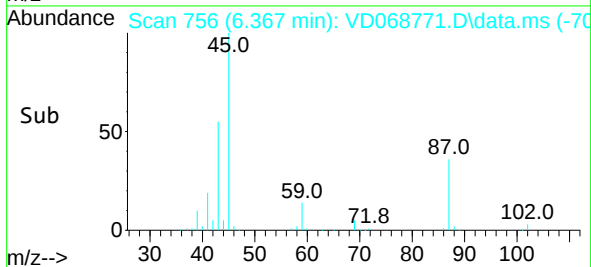
Tgt Ion: 96 Resp: 141552
Ion Ratio Lower Upper
96 100
61 111.6 91.8 137.6
98 53.5 49.3 73.9



#22
Diisopropyl ether
Concen: 54.02 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



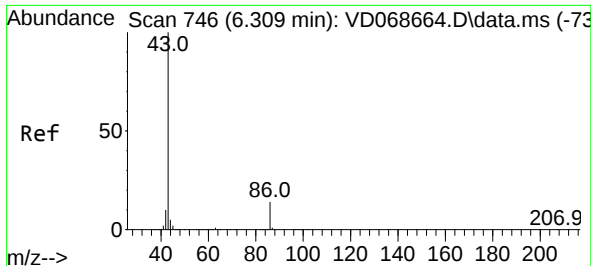
Tgt Ion: 45 Resp: 336221
Ion Ratio Lower Upper
45 100
43 54.5 41.8 62.8
87 35.4 29.2 43.8
59 13.8 10.3 15.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

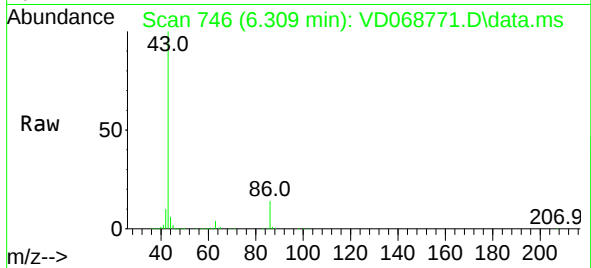
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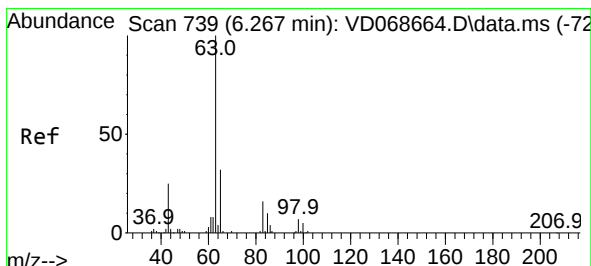
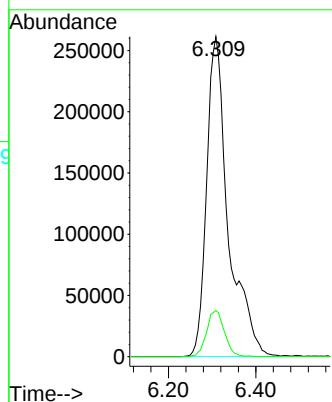
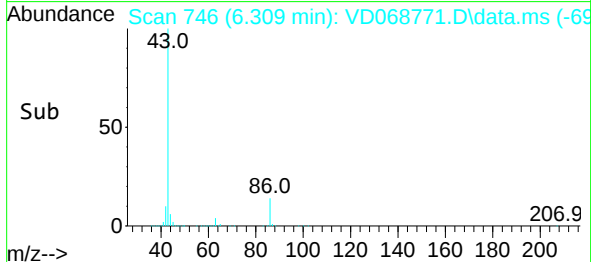


#23
 Vinyl Acetate
 Concen: 272.89 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068771.D
 Acq: 01 Apr 2021 21:12

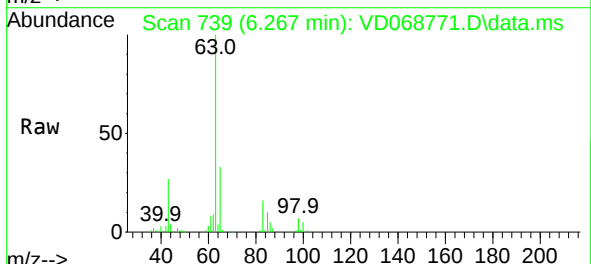
Instrument :
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 ClientSampleId :
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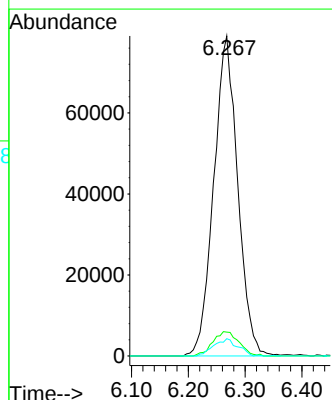
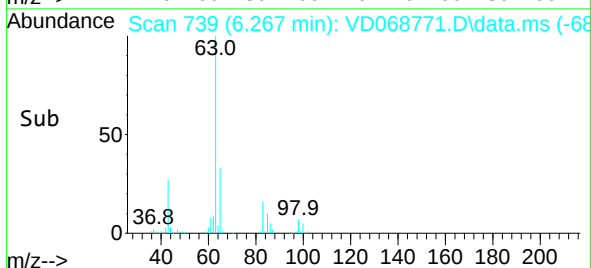
Tgt Ion: 43 Resp: 902322
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.0 16.6

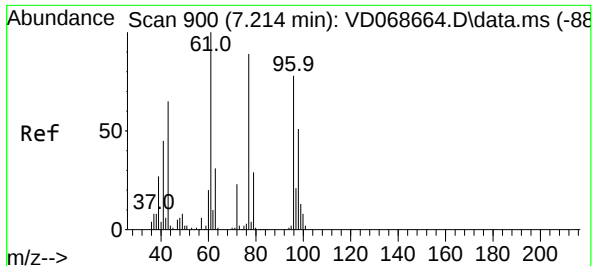


#24
 1,1-Dichloroethane
 Concen: 50.72 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068771.D
 Acq: 01 Apr 2021 21:12

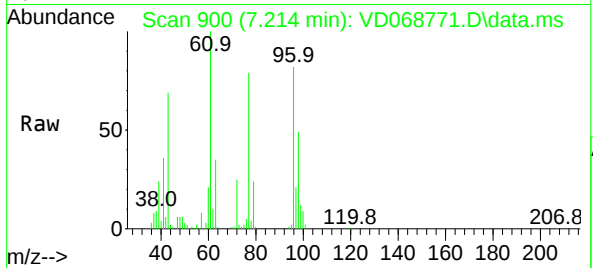


Tgt Ion: 63 Resp: 231515
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 5.4 2.3 6.9

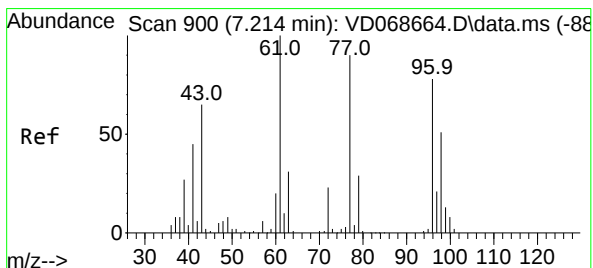
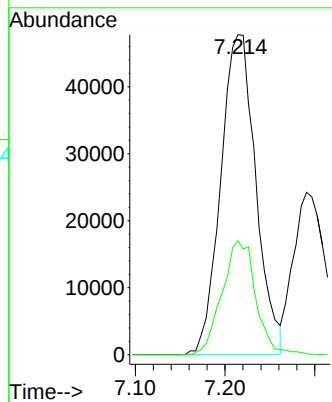
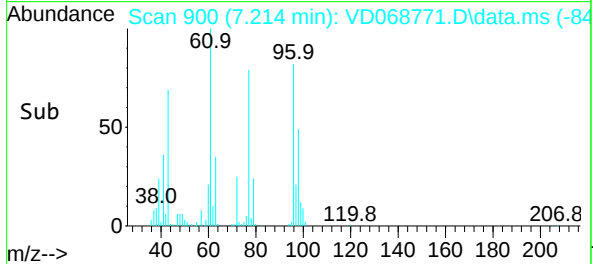




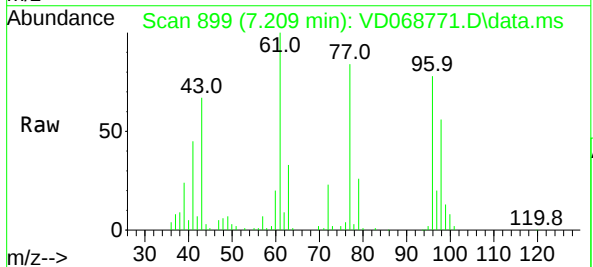
#25
2-Butanone
Concen: 251.19 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



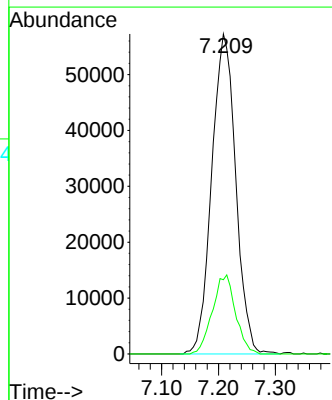
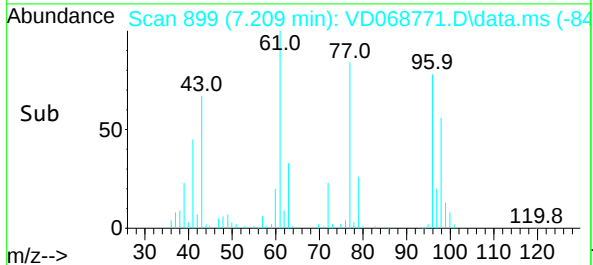
Tgt Ion: 43 Resp: 129834
Ion Ratio Lower Upper
43 100
72 36.0 28.6 43.0



#26
2,2-Dichloropropane
Concen: 41.41 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



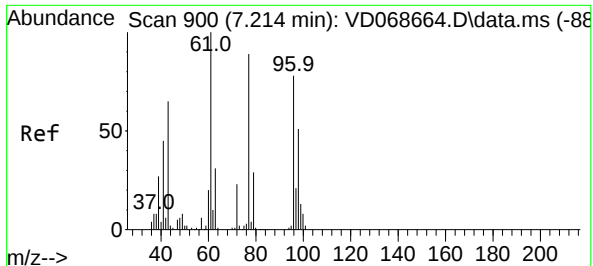
Tgt Ion: 77 Resp: 168167
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#27

cis-1,2-Dichloroethene

Concen: 47.76 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD068771.D

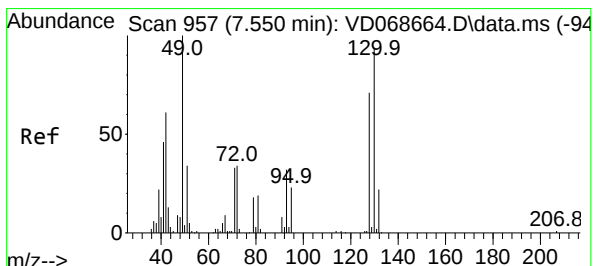
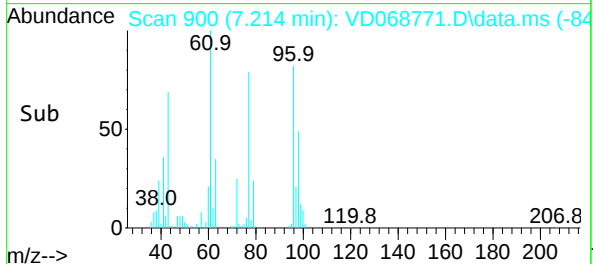
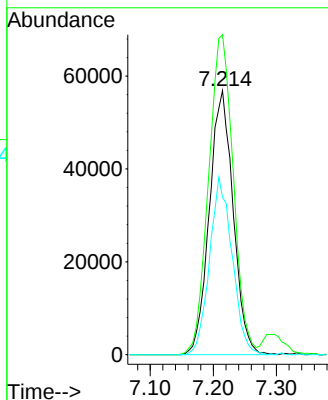
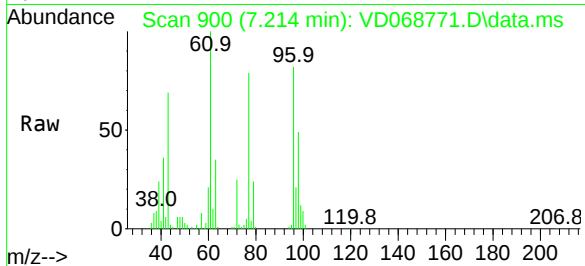
Acq: 01 Apr 2021 21:12

Tgt Ion:	96	Resp:	149127
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	258.8
98	63.8	0.0	128.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 56.47 ug/l

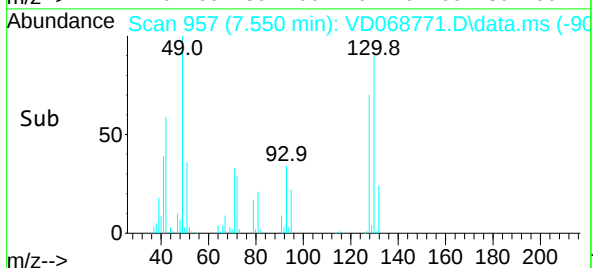
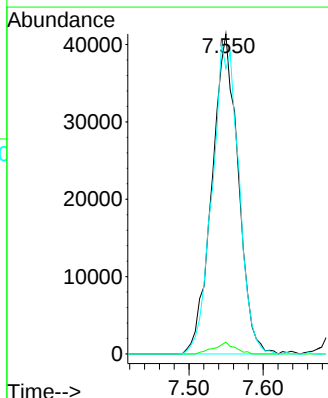
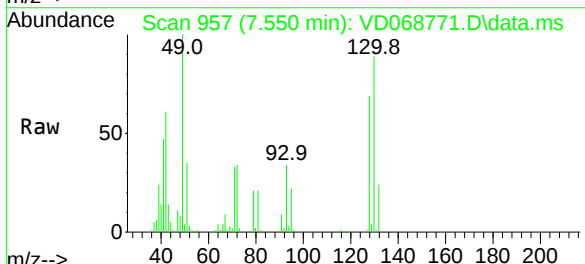
RT: 7.550 min Scan# 957

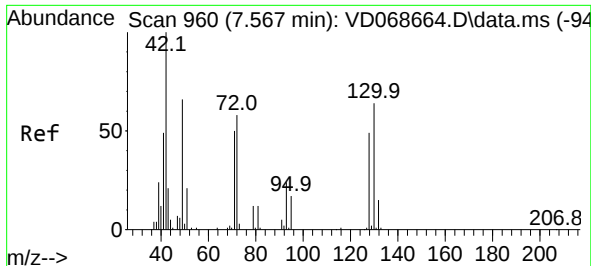
Delta R.T. -0.000 min

Lab File: VD068771.D

Acq: 01 Apr 2021 21:12

Tgt Ion:	49	Resp:	101918
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	98.3	74.6	112.0





#29

Tetrahydrofuran

Concen: 280.83 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068771.D

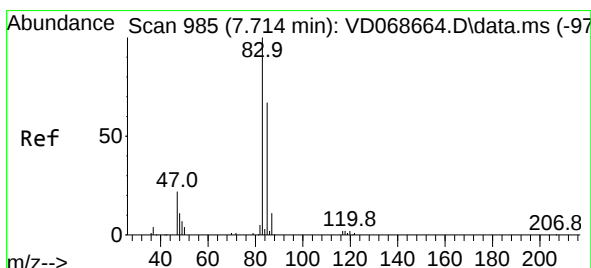
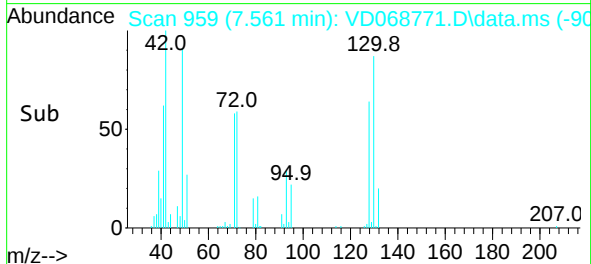
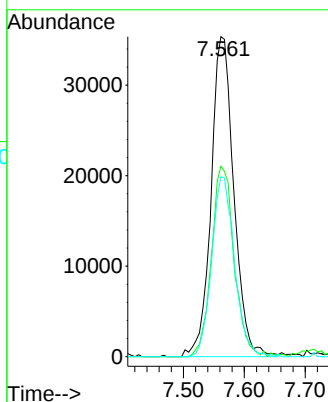
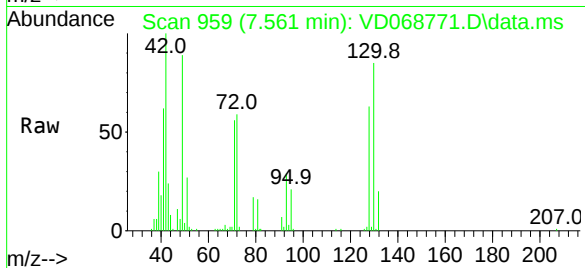
Acq: 01 Apr 2021 21:12

Tgt Ion:	42	Resp:	91752
Ion	Ratio	Lower	Upper
42	100		
72	59.2	45.2	67.8
71	56.4	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#30

Chloroform

Concen: 46.89 ug/l

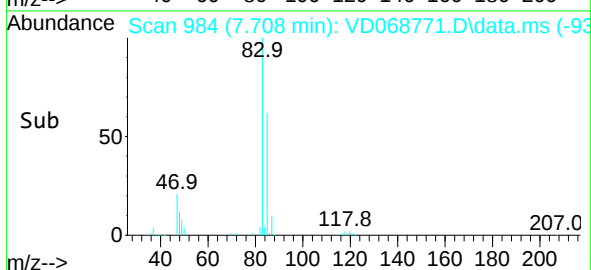
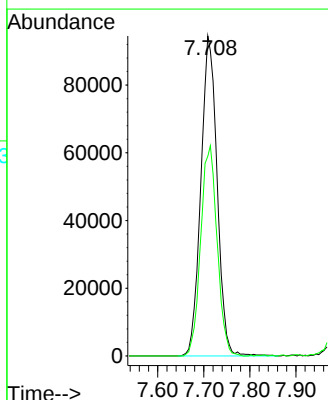
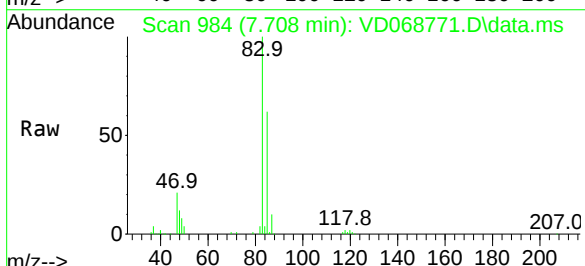
RT: 7.708 min Scan# 984

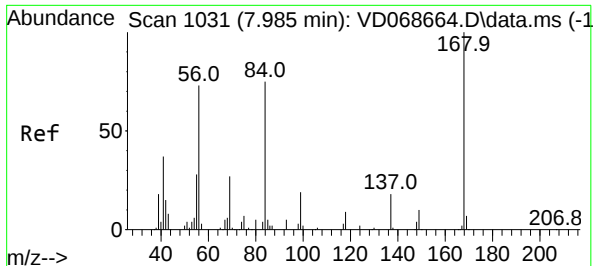
Delta R.T. -0.006 min

Lab File: VD068771.D

Acq: 01 Apr 2021 21:12

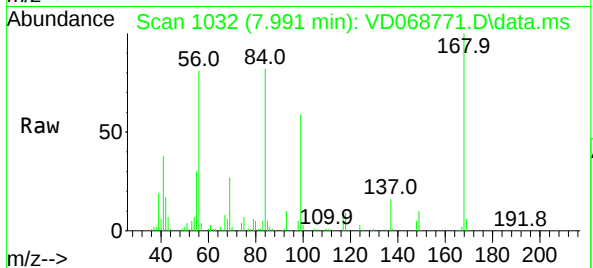
Tgt Ion:	83	Resp:	232603
Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.3	79.9





#31
Cyclohexane
Concen: 41.29 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

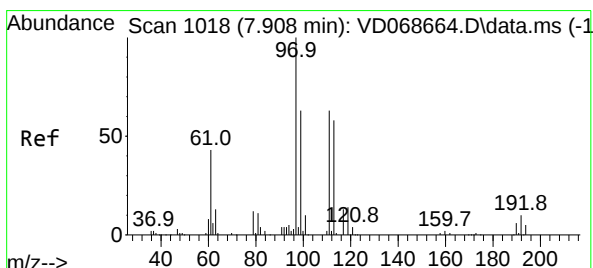
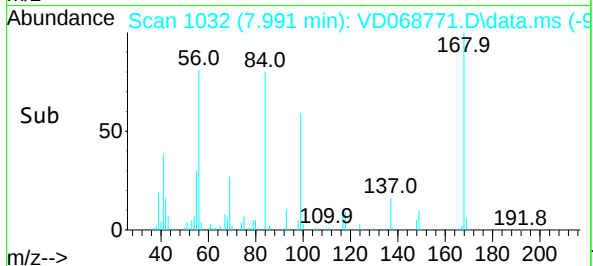
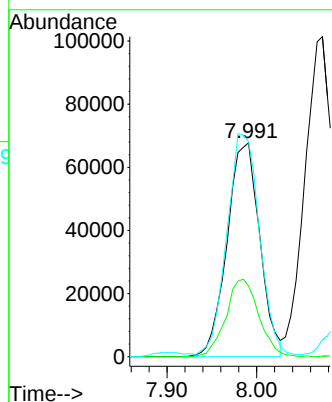
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 171307
Ion Ratio Lower Upper
56 100
69 33.0 30.0 45.0
84 98.7 82.0 123.0

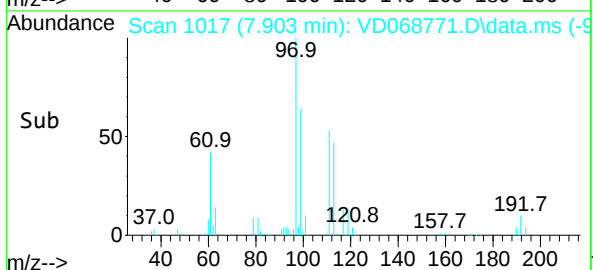
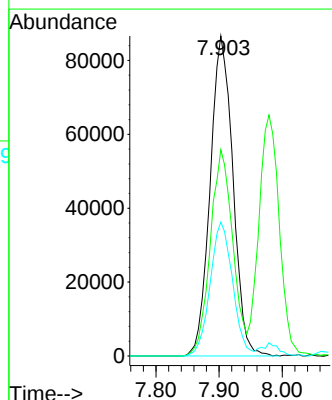
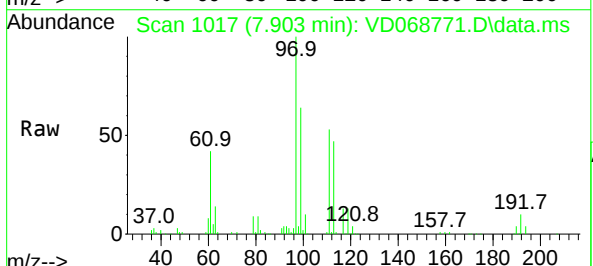
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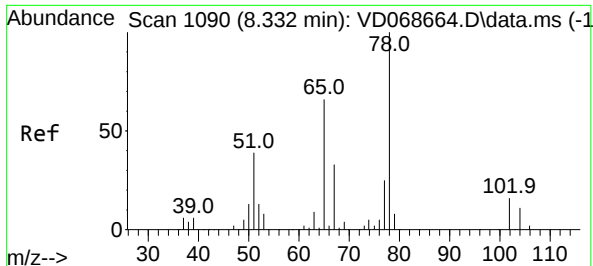
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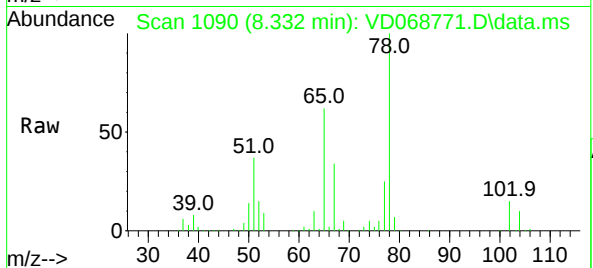
#32
1,1,1-Trichloroethane
Concen: 48.90 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 97 Resp: 216548
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.4 33.7 50.5

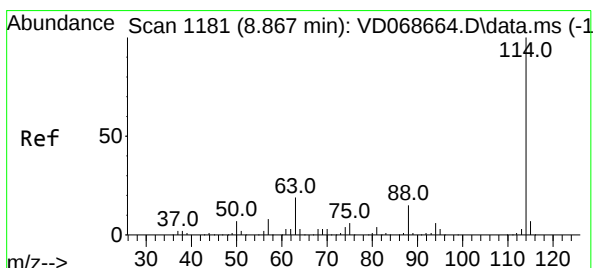
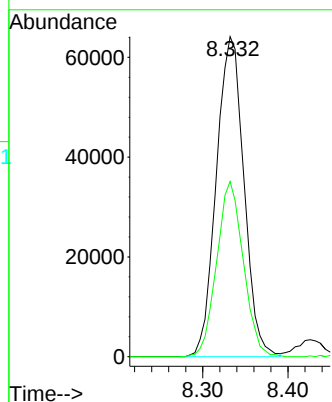
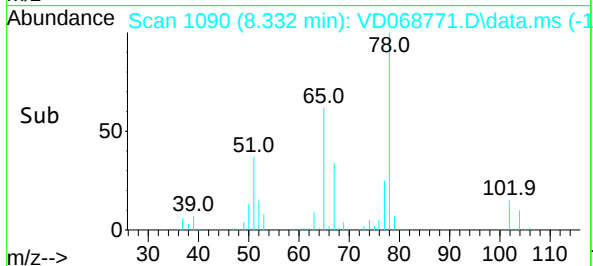




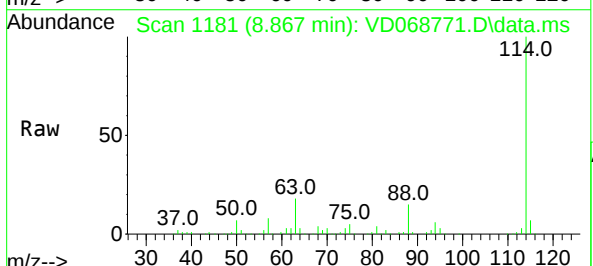
#33
1,2-Dichloroethane-d4
Concen: 56.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



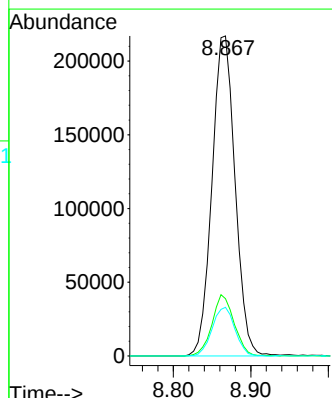
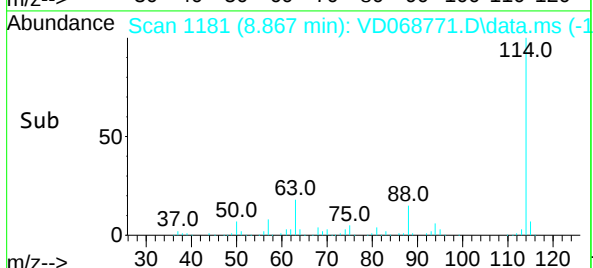
Tgt Ion: 65 Resp: 144287
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



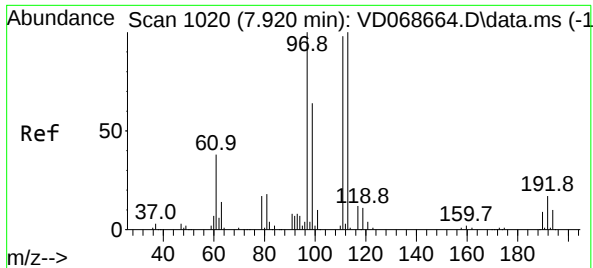
Tgt Ion: 114 Resp: 449010
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 15.2 0.0 29.4



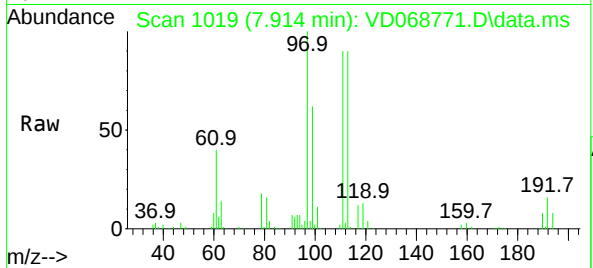
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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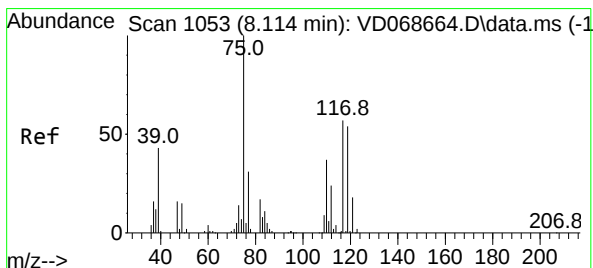
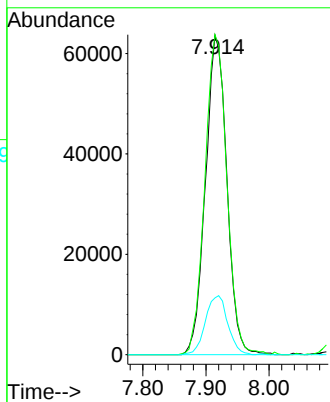
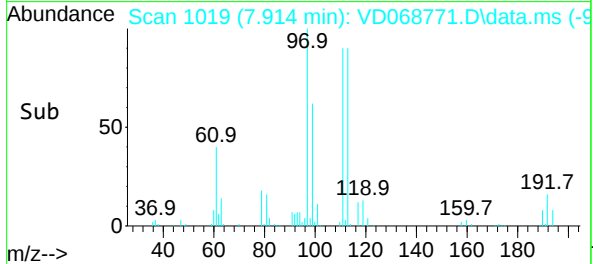
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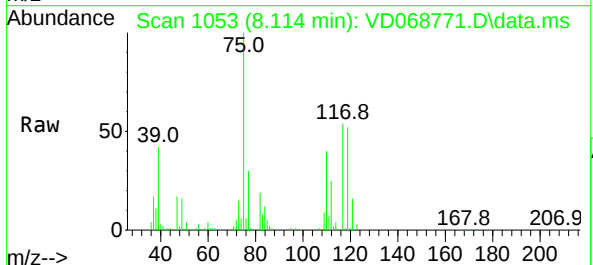
#35
Dibromofluoromethane
Concen: 53.52 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



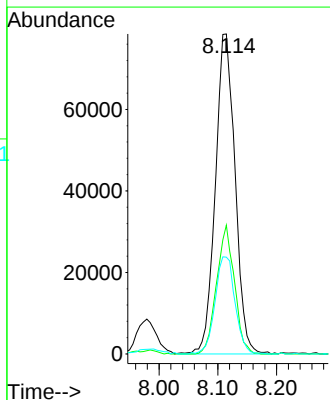
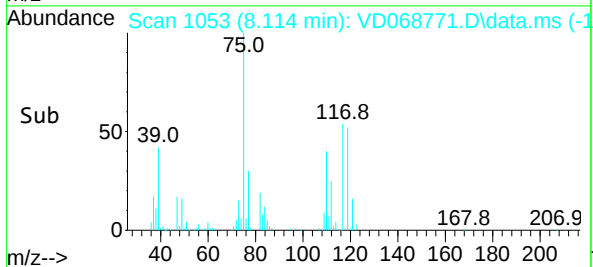
Tgt Ion: 113 Resp: 149512
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 45.65 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



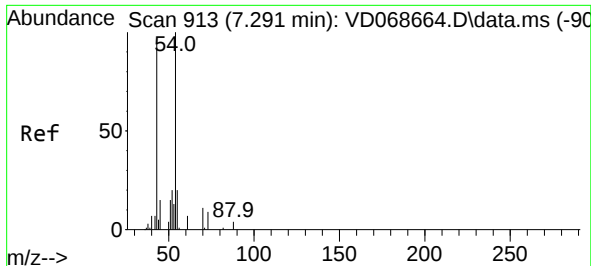
Tgt Ion: 75 Resp: 183057
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.4
77 30.8 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#37

Ethyl Acetate

Concen: 49.86 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD068771.D

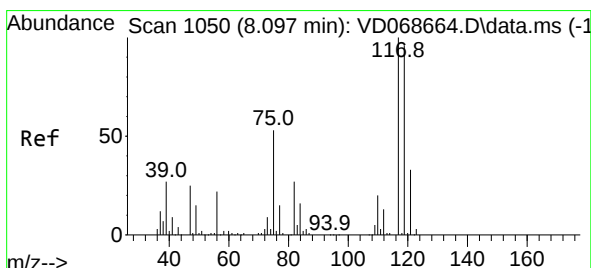
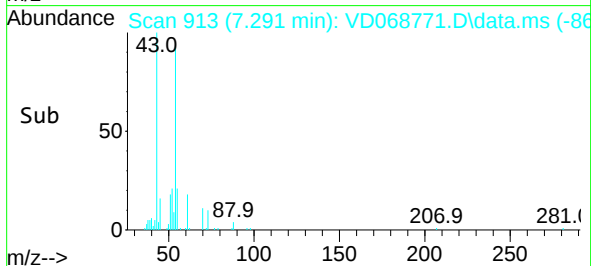
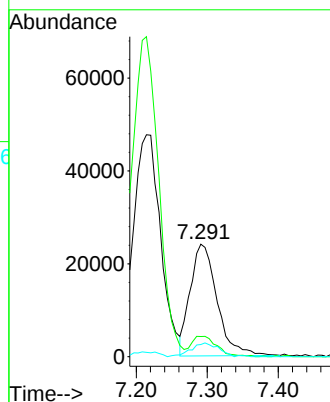
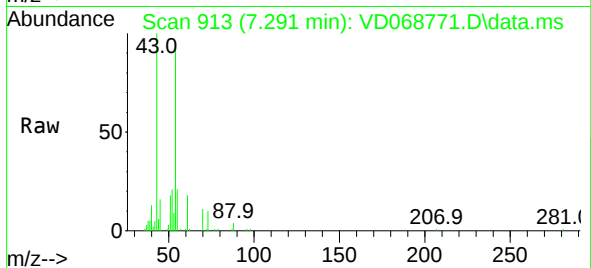
Acq: 01 Apr 2021 21:12

Tgt Ion:	43	Resp:	63103
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.2	21.4
70	12.5	9.4	14.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 46.31 ug/l

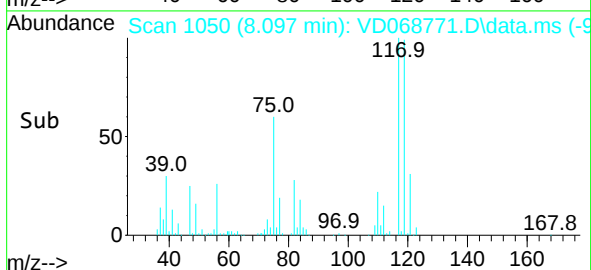
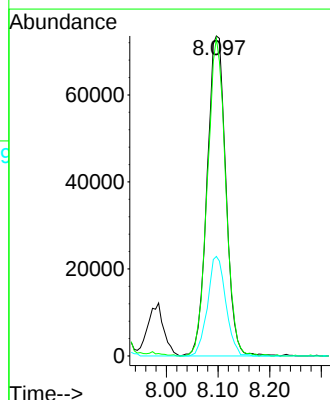
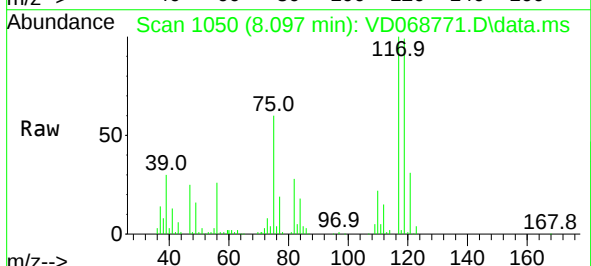
RT: 8.097 min Scan# 1050

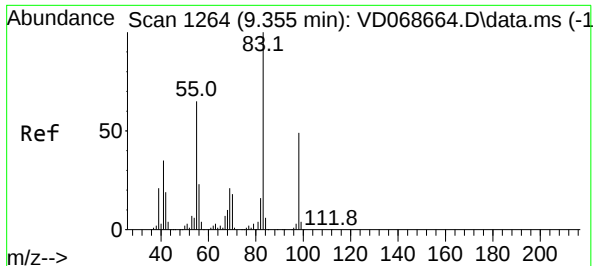
Delta R.T. -0.000 min

Lab File: VD068771.D

Acq: 01 Apr 2021 21:12

Tgt Ion:	117	Resp:	185327
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.6	115.0
121	31.1	26.1	39.1





#39

Methylcyclohexane

Concen: 41.50 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068771.D

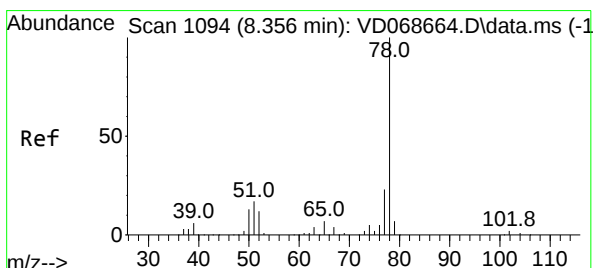
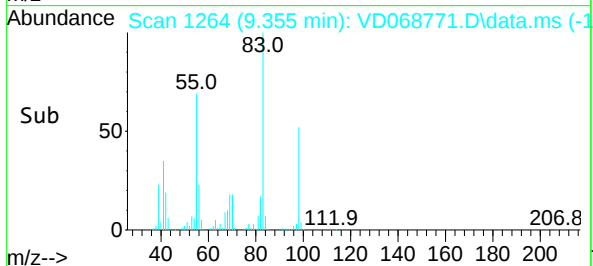
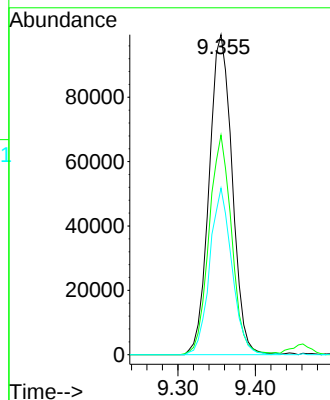
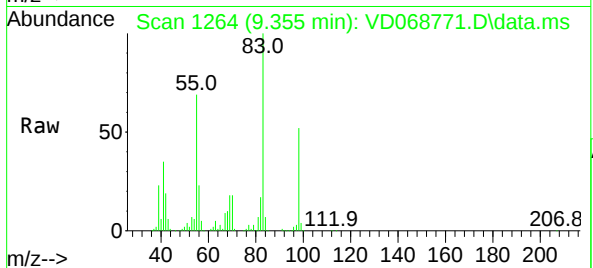
Acq: 01 Apr 2021 21:12

Tgt Ion:	83	Resp:	205410
Ion	Ratio	Lower	Upper
83	100		
55	68.6	51.7	77.5
98	52.0	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#40

Benzene

Concen: 48.70 ug/l

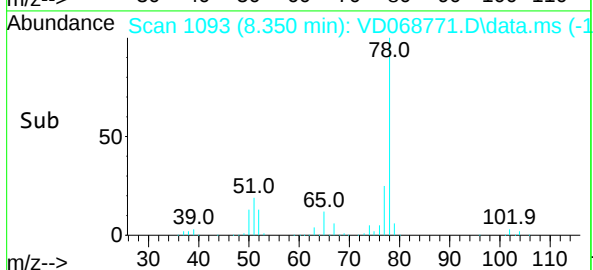
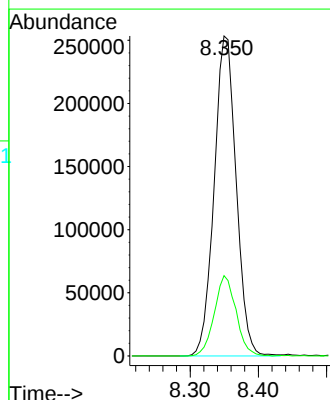
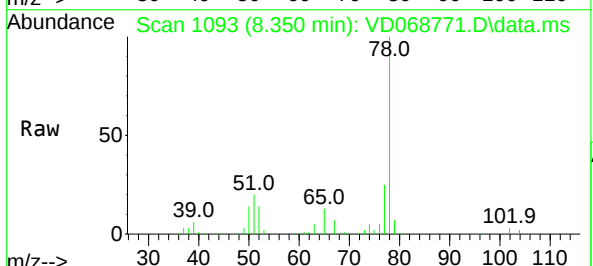
RT: 8.350 min Scan# 1093

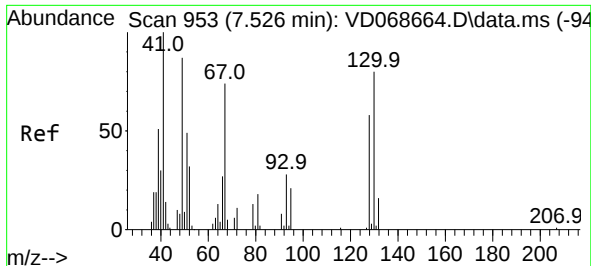
Delta R.T. -0.006 min

Lab File: VD068771.D

Acq: 01 Apr 2021 21:12

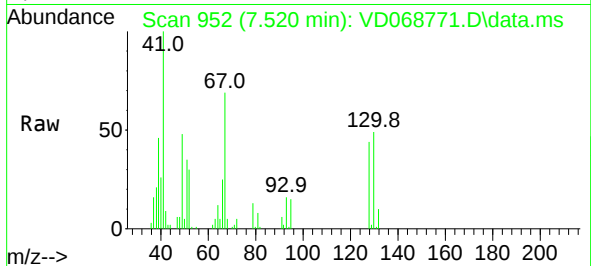
Tgt Ion:	78	Resp:	569793
Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.2	27.2





#41
Methacrylonitrile
Concen: 48.38 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

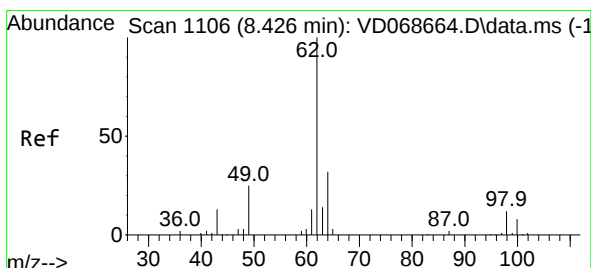
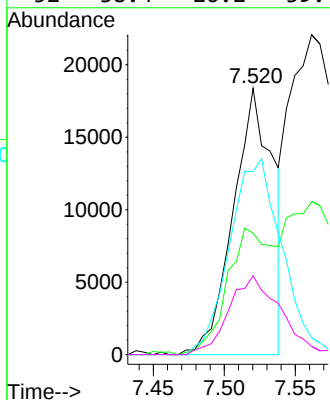
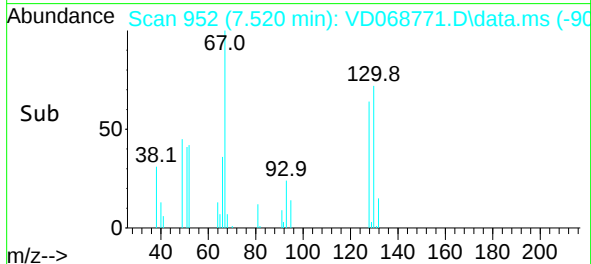
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



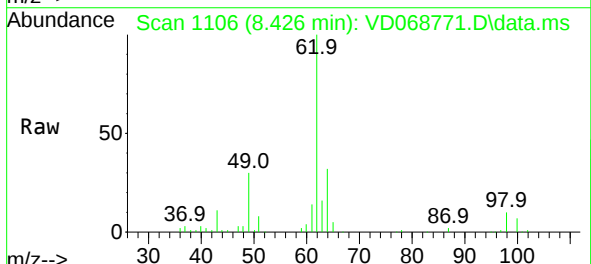
Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.2	43.2	64.8
67	97.9	63.9	95.9#
52	38.4	26.2	39.4

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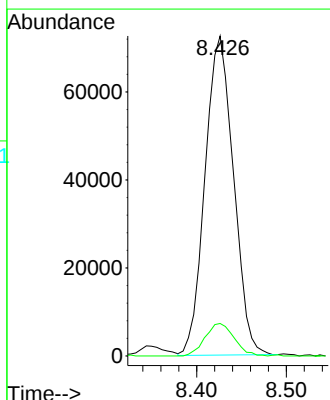
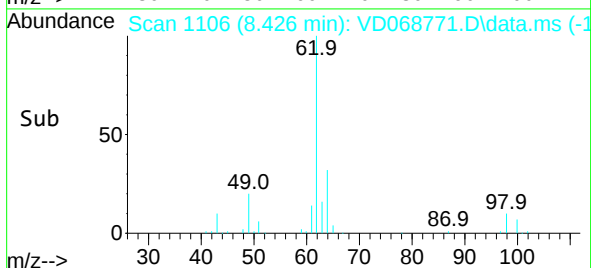
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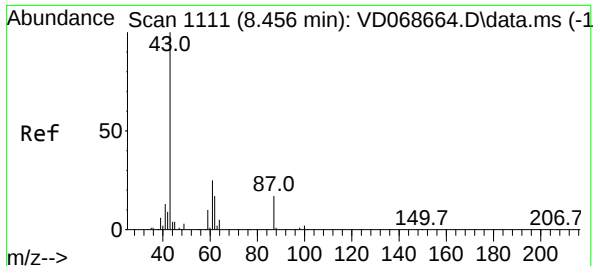


#42
1,2-Dichloroethane
Concen: 52.24 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.6

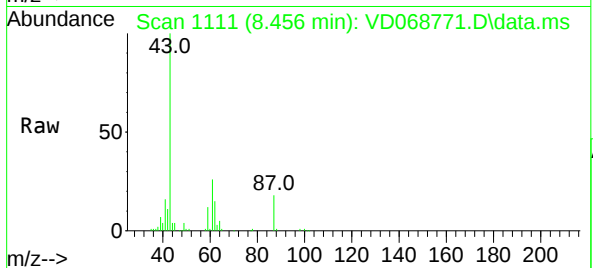




#43

Isopropyl Acetate
Concen: 56.04 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

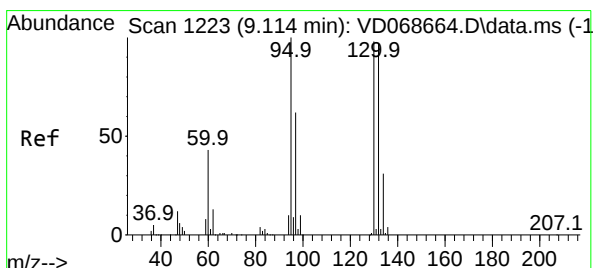
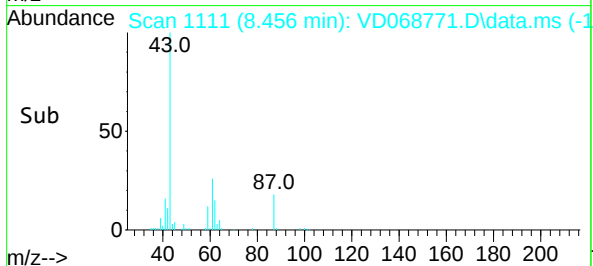
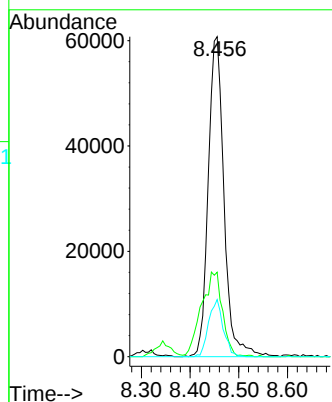
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43	Resp: 136039
Ion Ratio	Lower Upper
43 100	
61 34.7	29.5 44.3
87 16.6	13.5 20.3

Manual Integrations
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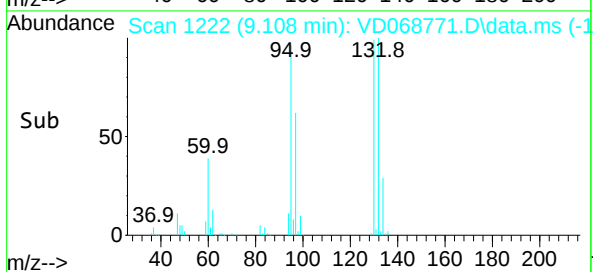
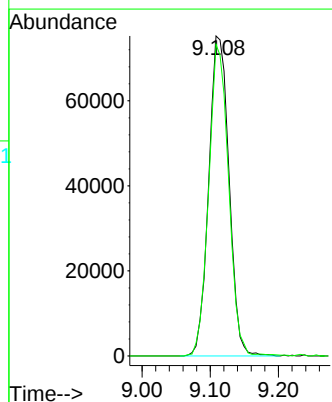
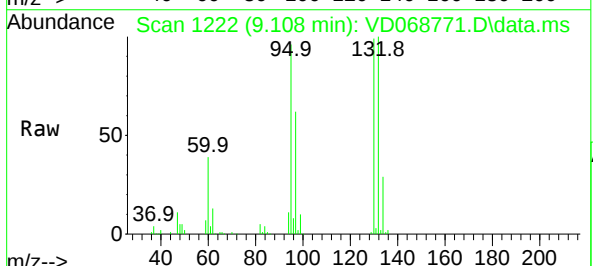
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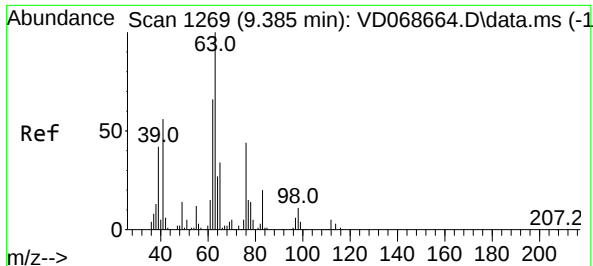


#44

Trichloroethene
Concen: 47.96 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:130	Resp: 155720
Ion Ratio	Lower Upper
130 100	
95 97.4	0.0 203.8





#45

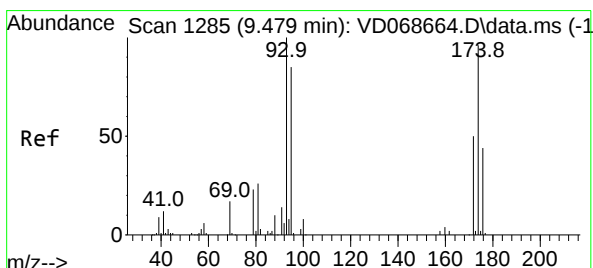
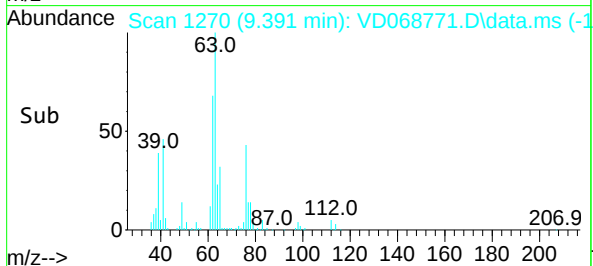
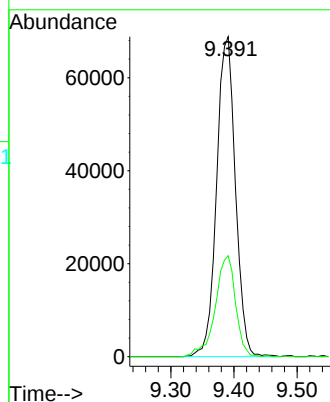
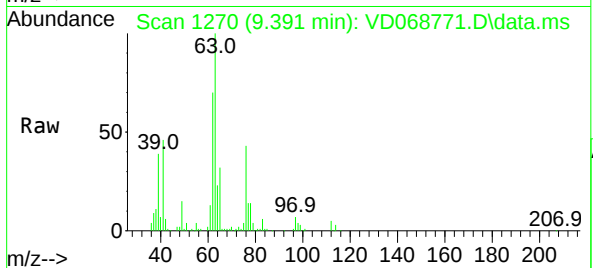
1,2-Dichloropropane
Concen: 50.81 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 63 Resp: 142228
Ion Ratio Lower Upper
63 100
65 31.6 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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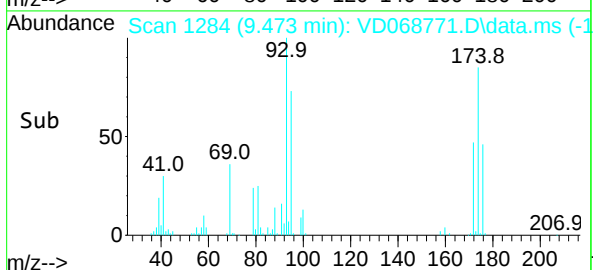
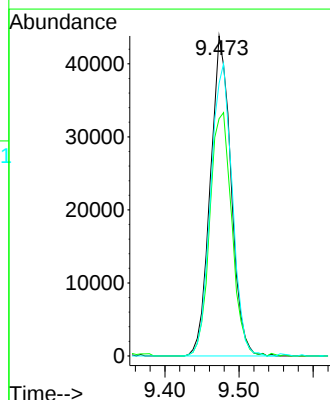
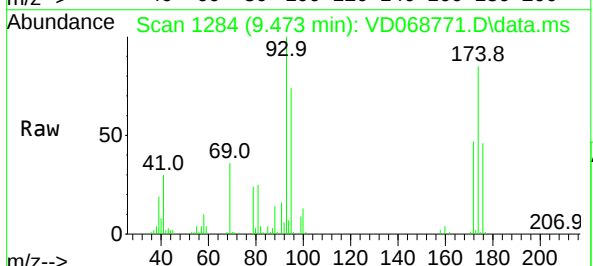
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#46

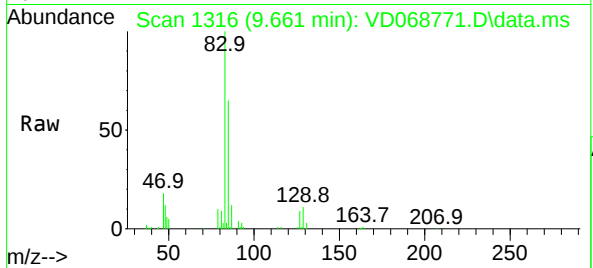
Dibromomethane
Concen: 53.44 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 93 Resp: 85069
Ion Ratio Lower Upper
93 100
95 80.8 64.5 96.7
174 94.7 75.3 112.9

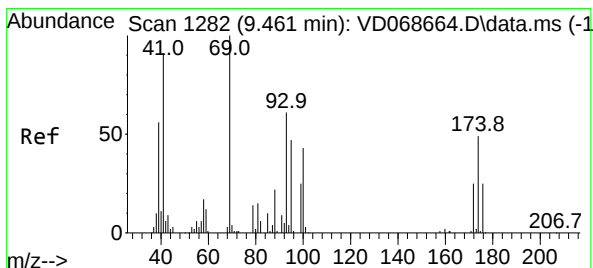
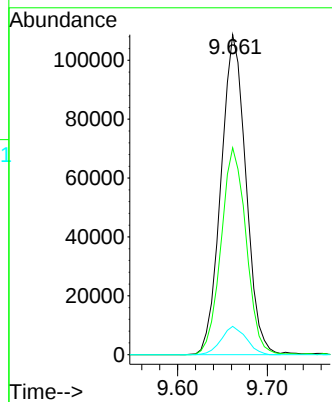
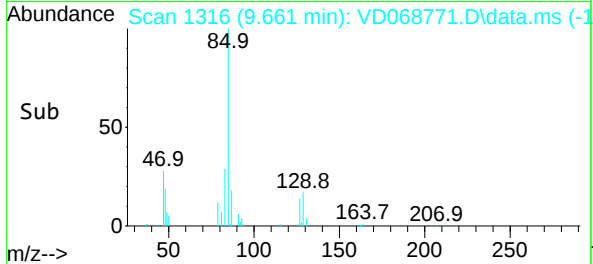




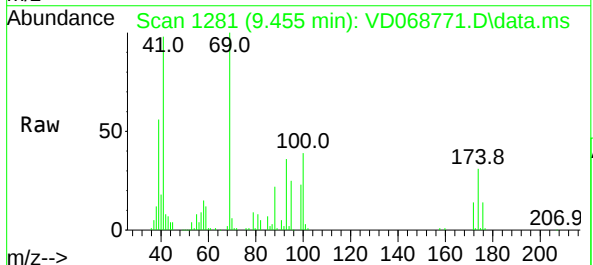
#47
Bromodichloromethane
Concen: 51.31 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



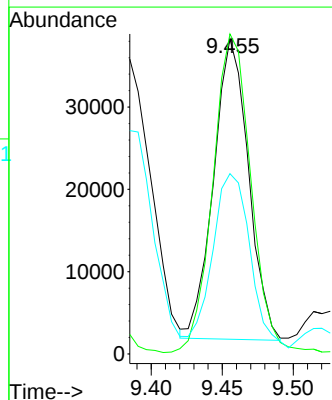
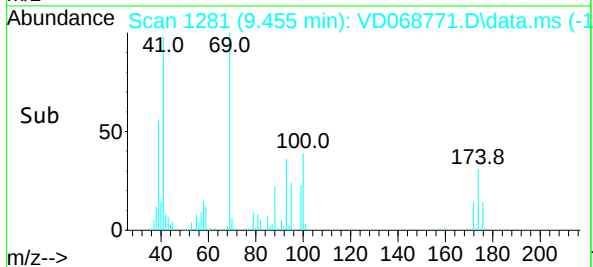
Tgt Ion: 83 Resp: 209512
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 50.67 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



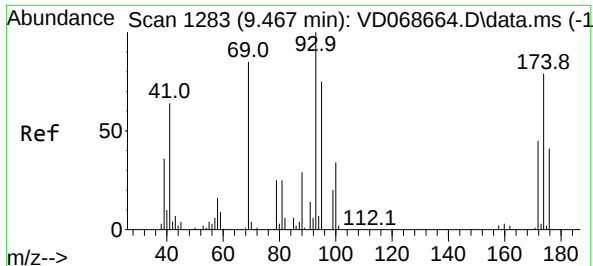
Tgt Ion: 41 Resp: 62341
Ion Ratio Lower Upper
41 100
69 115.7 83.0 124.6
39 67.3 47.0 70.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#49
1,4-Dioxane
Concen: 1173.96 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

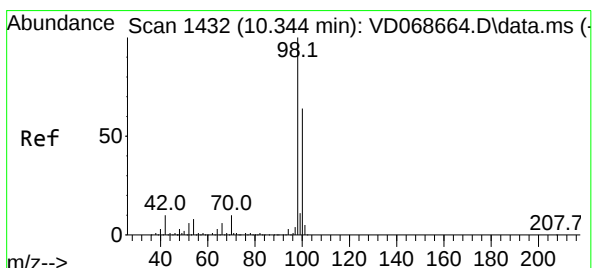
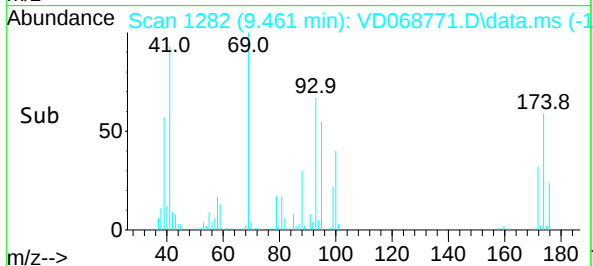
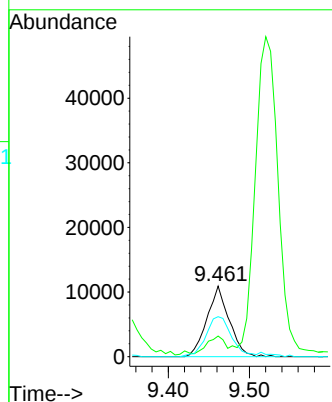
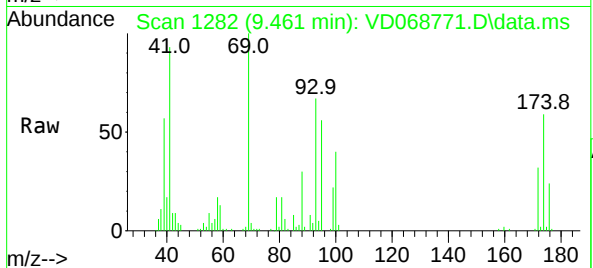
Tgt Ion: 88 Resp: 20765

Ion	Ratio	Lower	Upper
88	100		
43	27.4	25.8	38.8
58	64.9	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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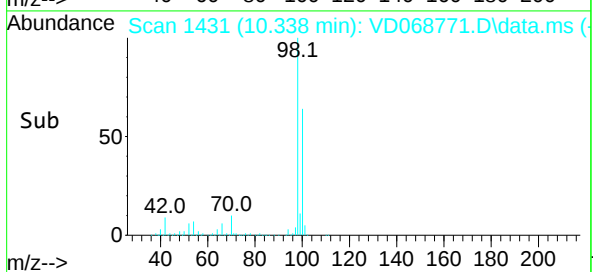
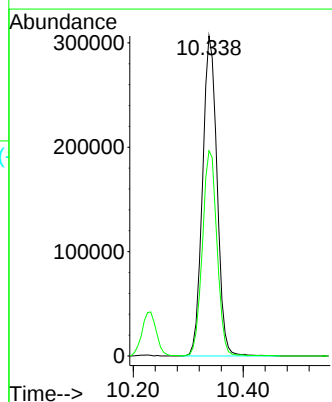
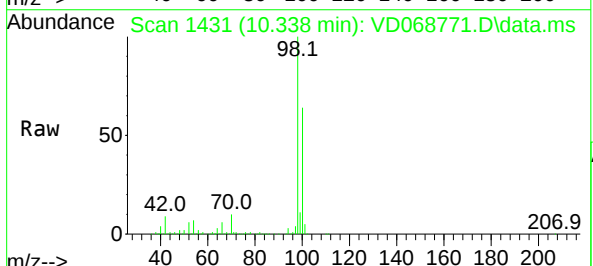
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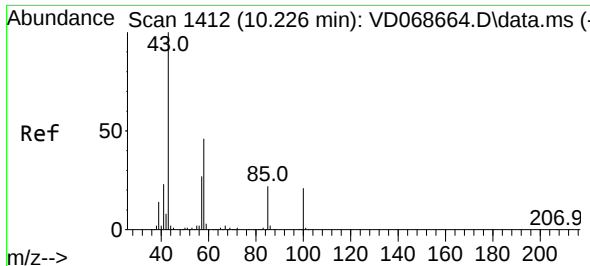


#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 98 Resp: 560741

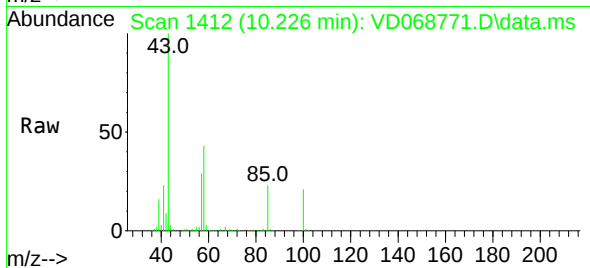
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6



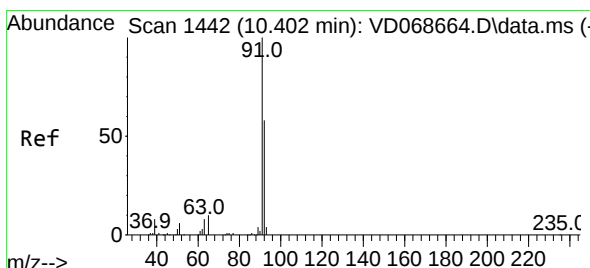
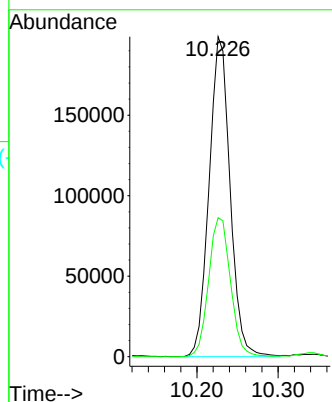
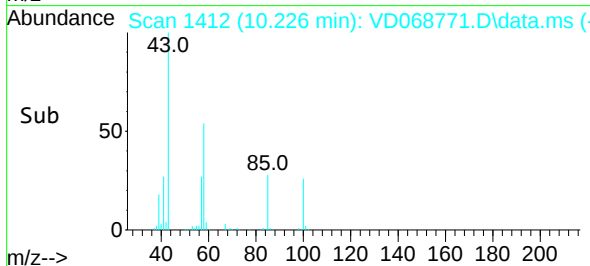


#51
4-Methyl-2-Pentanone
Concen: 282.57 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

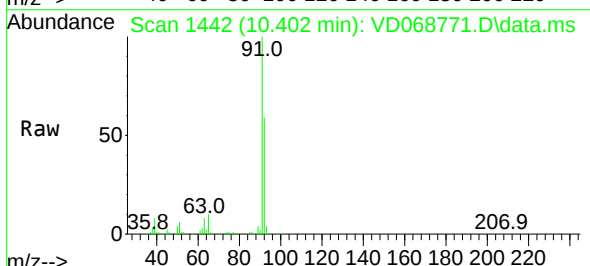
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



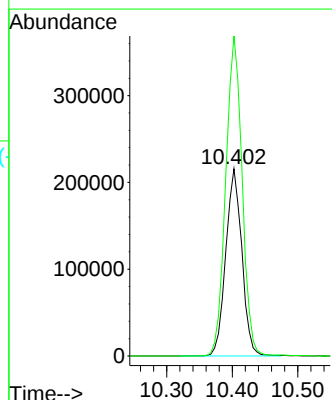
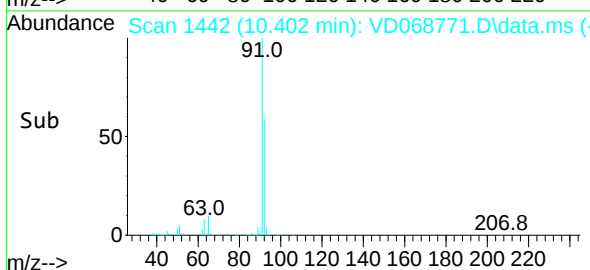
Tgt Ion: 43 Resp: 357109
Ion Ratio Lower Upper
43 100
58 45.2 37.3 55.9

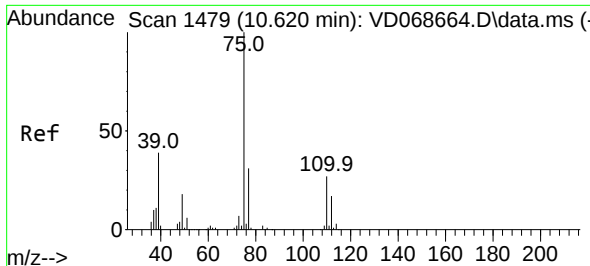


#52
Toluene
Concen: 49.52 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



Tgt Ion: 92 Resp: 366645
Ion Ratio Lower Upper
92 100
91 174.2 139.1 208.7





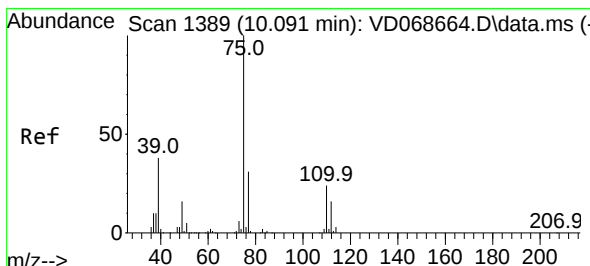
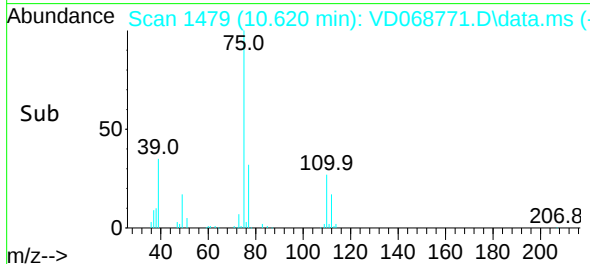
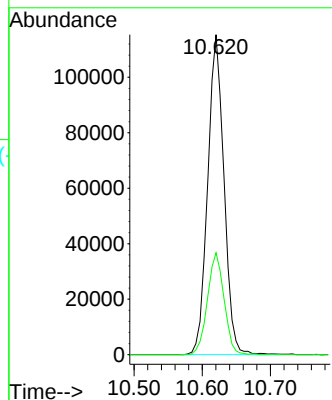
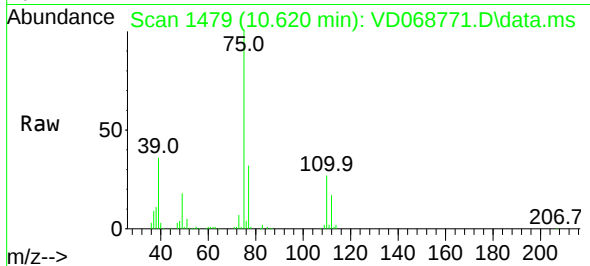
#53
t-1,3-Dichloropropene
Concen: 51.10 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 75 Resp: 191938
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

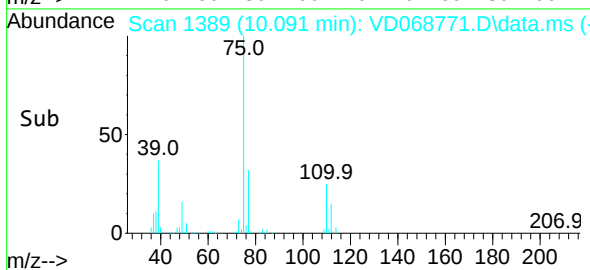
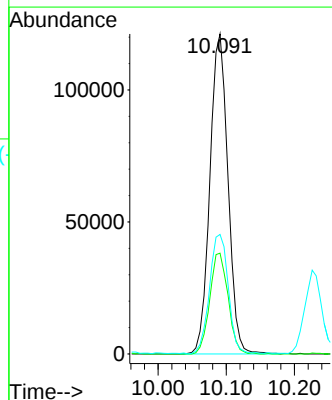
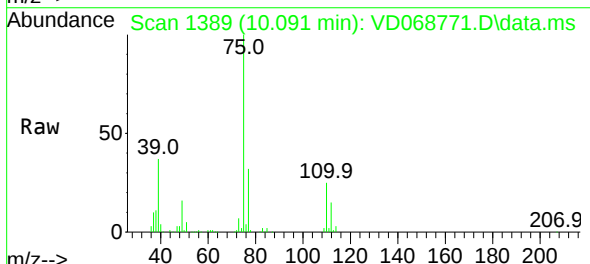
Manual Integrations
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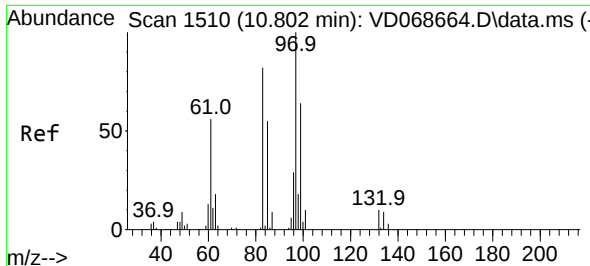
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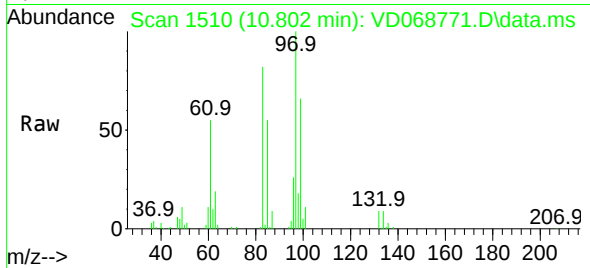
#54
cis-1,3-Dichloropropene
Concen: 50.13 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 75 Resp: 223603
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 37.2 30.2 45.2

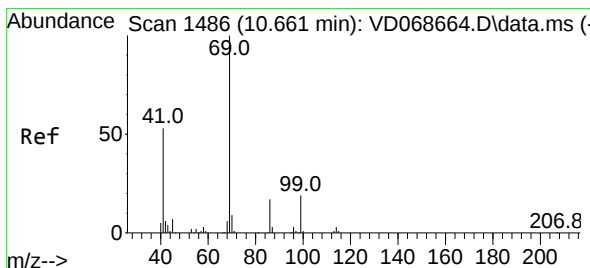
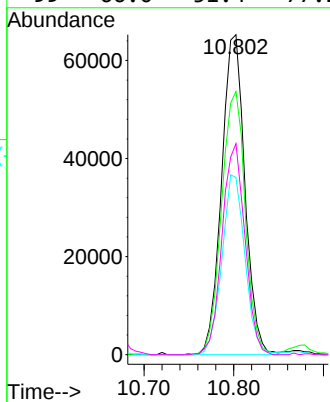
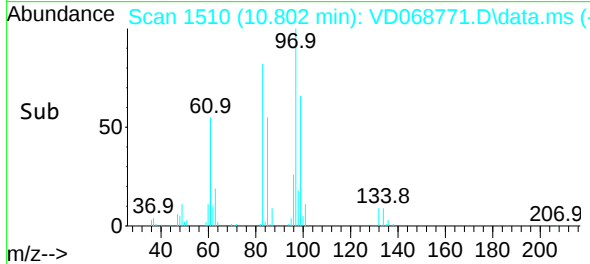




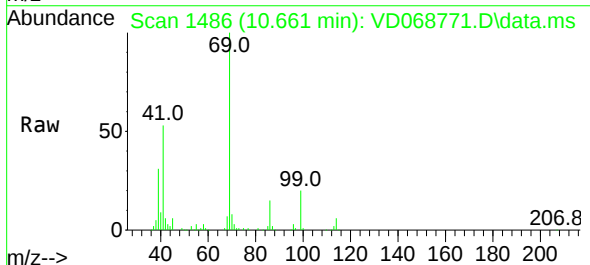
#55
1,1,2-Trichloroethane
Concen: 52.69 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



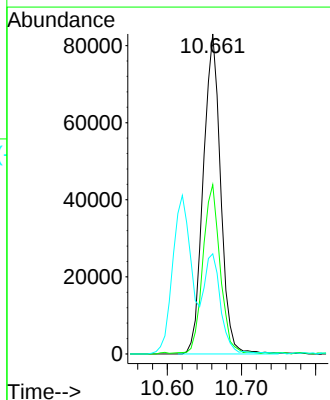
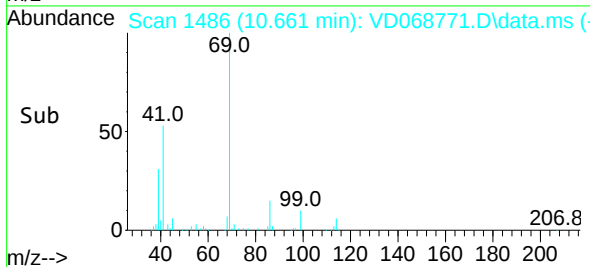
Tgt Ion:	97	Resp:	117981
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.7	98.5
85	55.4	44.3	66.5
99	66.0	51.4	77.2



#56
Ethyl methacrylate
Concen: 55.80 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



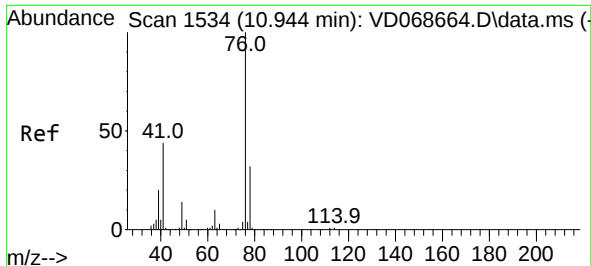
Tgt Ion:	69	Resp:	135008
Ion	Ratio	Lower	Upper
69	100		
41	52.1	42.2	63.4
39	28.4	24.2	36.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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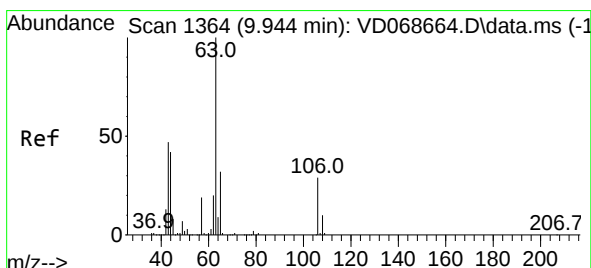
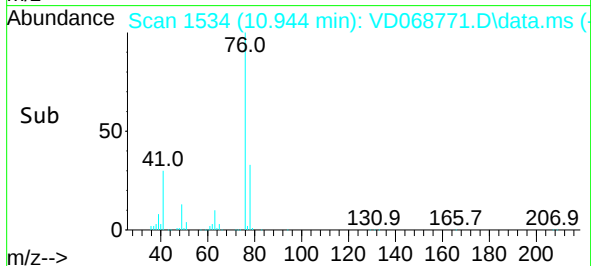
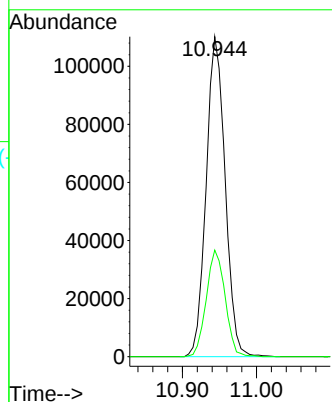
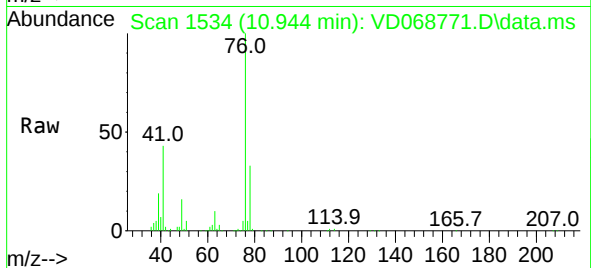
#57
1,3-Dichloropropane
Concen: 53.79 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 76 Resp: 196539
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

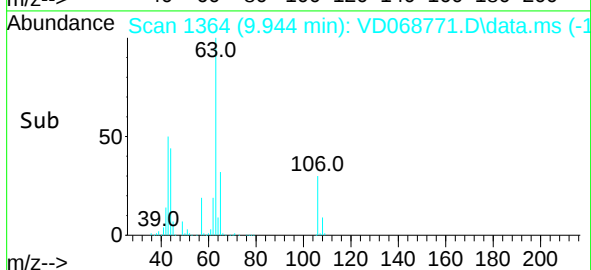
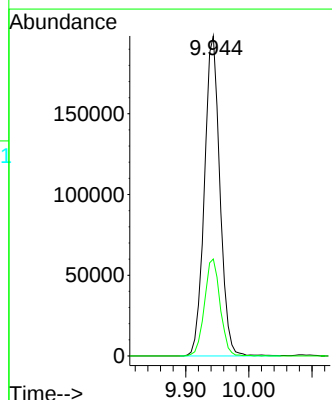
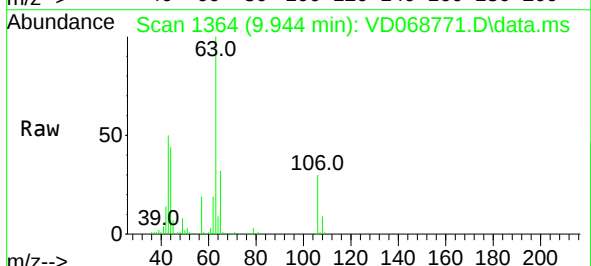
Manual Integrations
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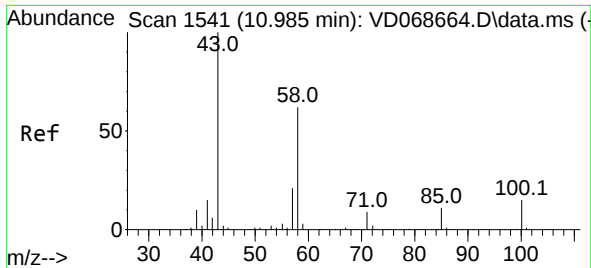
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#58
2-Chloroethyl Vinyl ether
Concen: 273.88 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 63 Resp: 337603
Ion Ratio Lower Upper
63 100
106 30.7 24.6 36.8





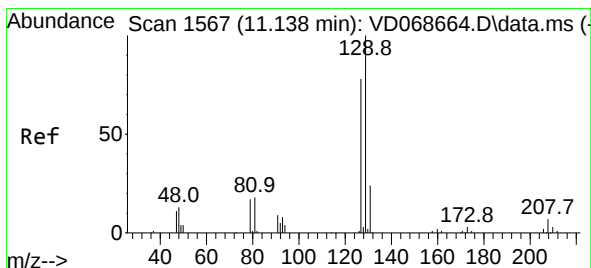
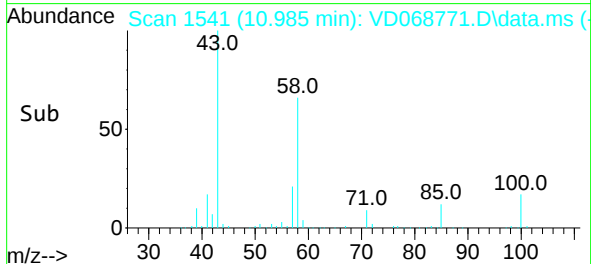
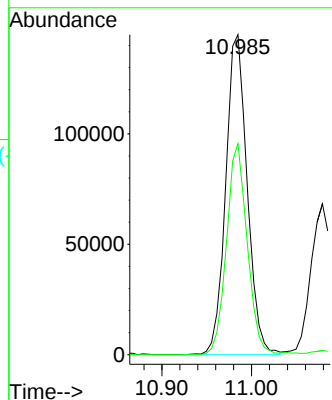
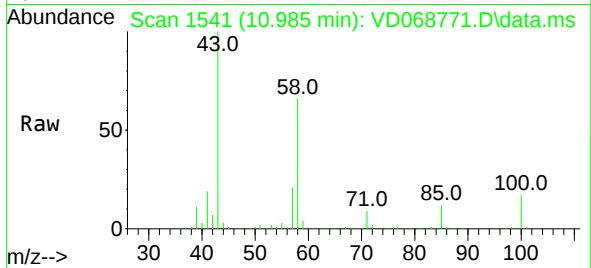
#59
2-Hexanone
Concen: 283.52 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 43 Resp: 240589
Ion Ratio Lower Upper
43 100
58 63.4 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

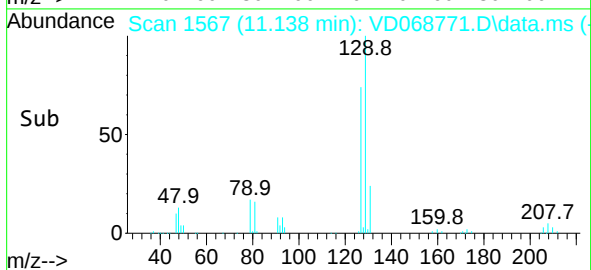
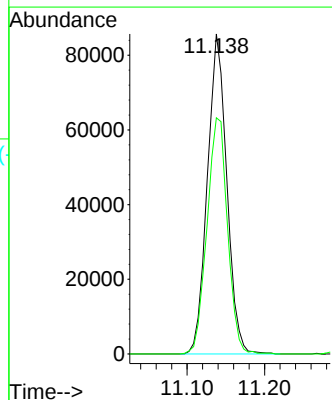
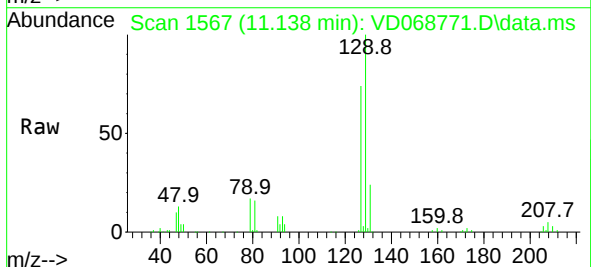
Manual Integrations
APPROVED

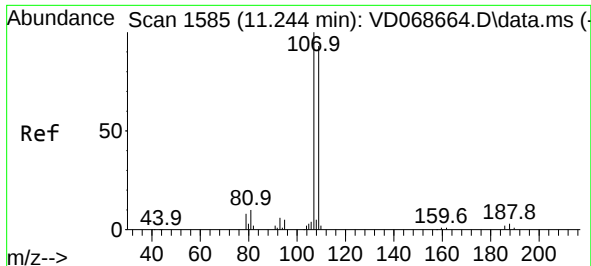
MMDadoda
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#60
Dibromochloromethane
Concen: 53.69 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

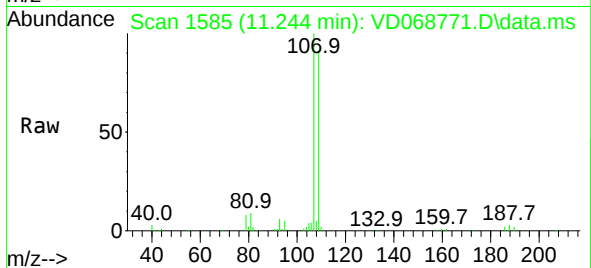
Tgt Ion: 129 Resp: 149109
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61
1,2-Dibromoethane
Concen: 53.76 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

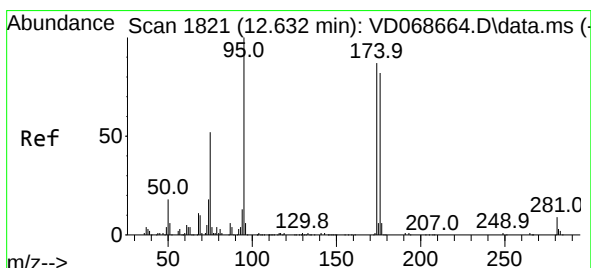
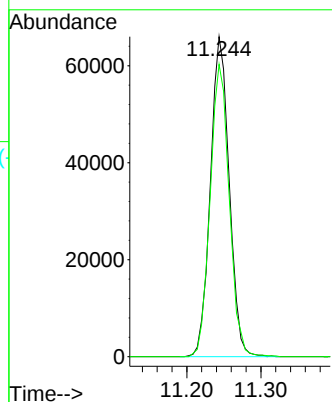
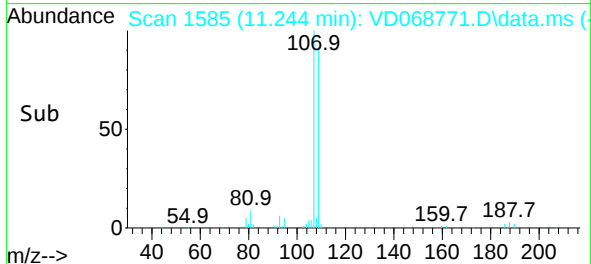
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



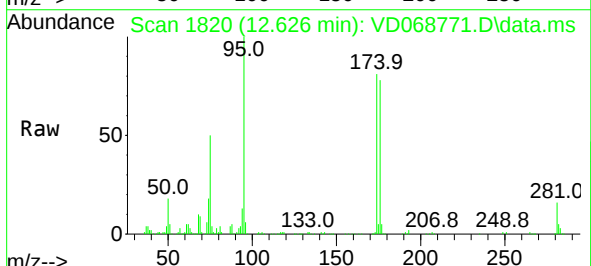
Tgt Ion:107 Resp: 116199
Ion Ratio Lower Upper
107 100
109 92.9 74.9 112.3

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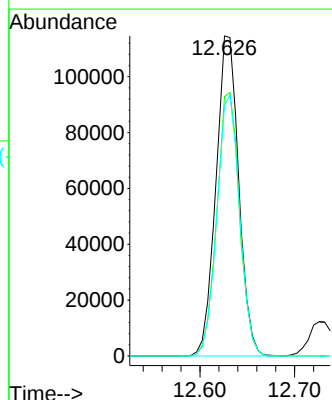
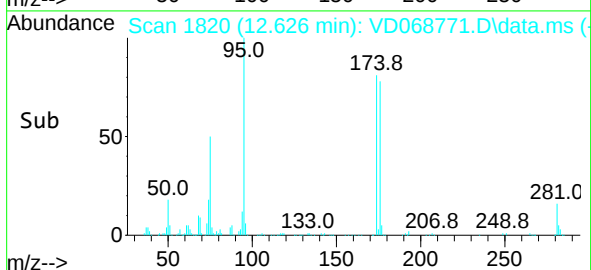
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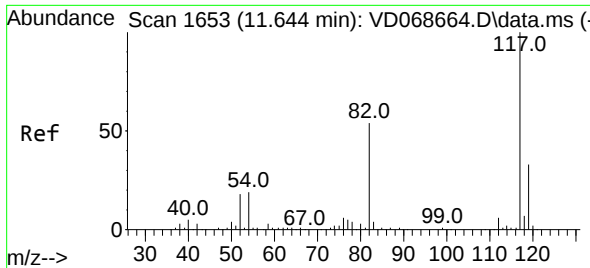


#62
4-Bromofluorobenzene
Concen: 54.90 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

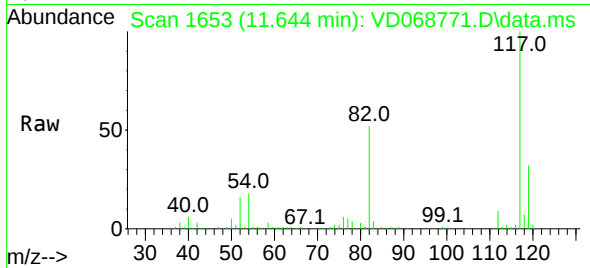


Tgt Ion: 95 Resp: 191726
Ion Ratio Lower Upper
95 100
174 82.1 0.0 168.0
176 81.0 0.0 160.2

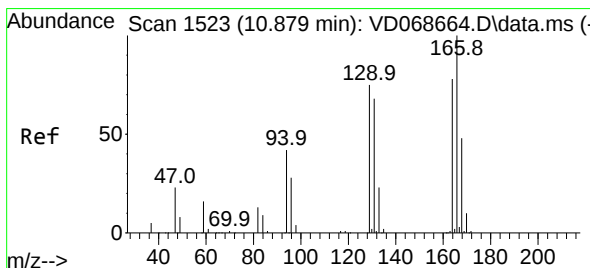
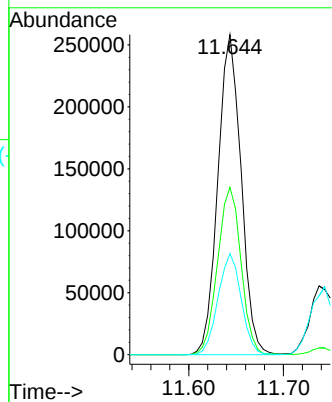
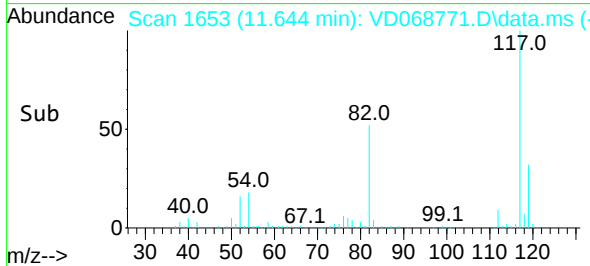




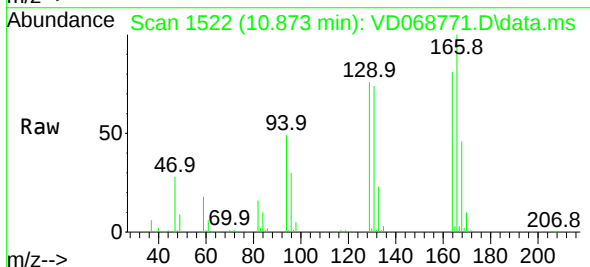
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



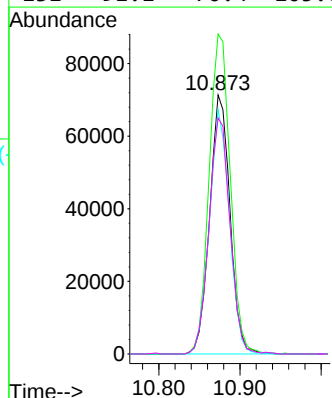
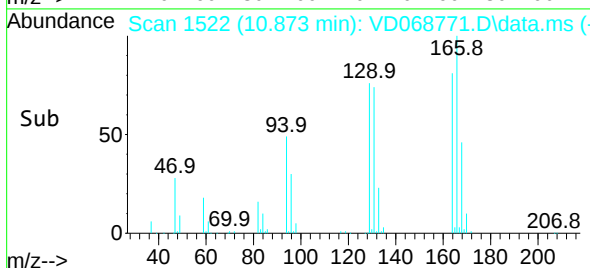
Tgt Ion:117 Resp: 440634
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 31.5 26.7 40.1



#64
Tetrachloroethene
Concen: 43.42 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



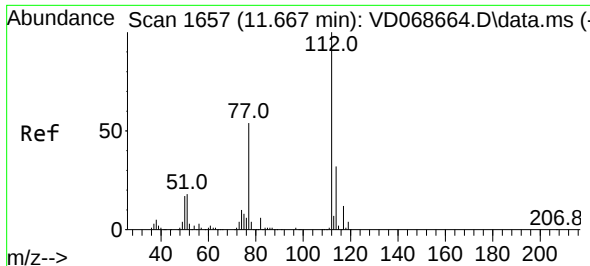
Tgt Ion:164 Resp: 124023
Ion Ratio Lower Upper
164 100
166 123.5 103.0 154.6
129 94.3 77.4 116.0
131 91.1 70.4 105.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

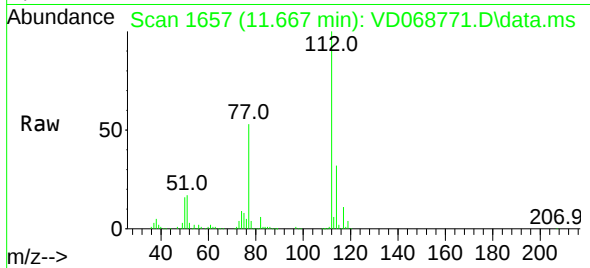
Manual Integrations
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#65
Chlorobenzene
Concen: 46.90 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

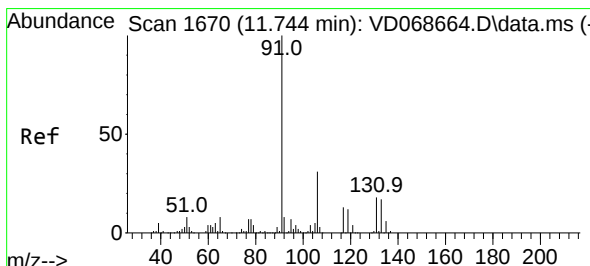
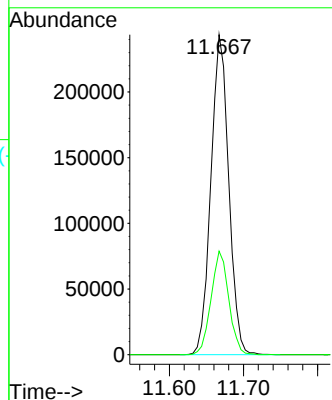
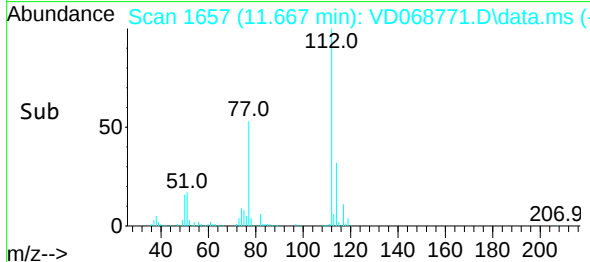
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



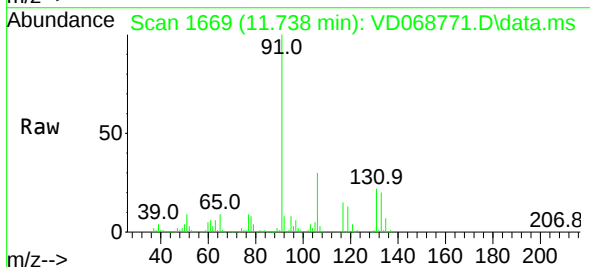
Tgt Ion:112 Resp: 406694
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

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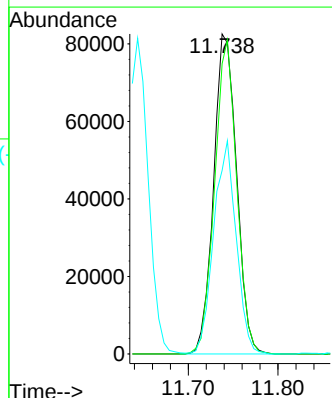
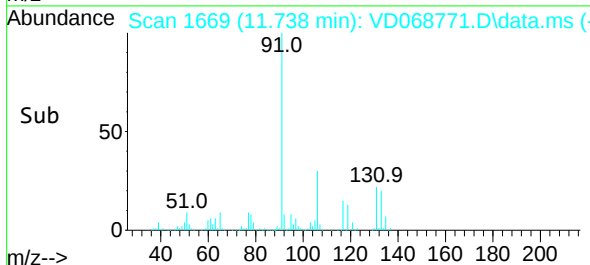
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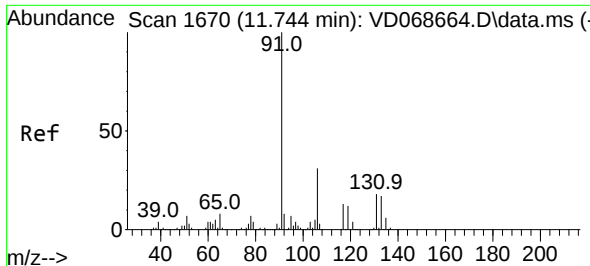


#66
1,1,1,2-Tetrachloroethane
Concen: 46.96 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



Tgt Ion:131 Resp: 146523
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.2
119 65.4 32.8 98.3





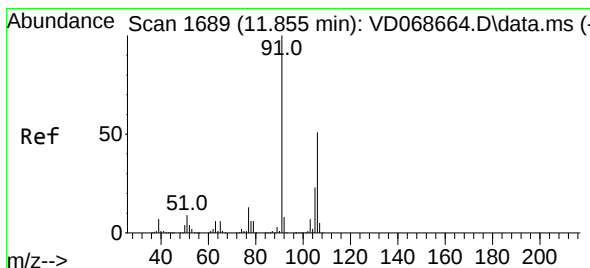
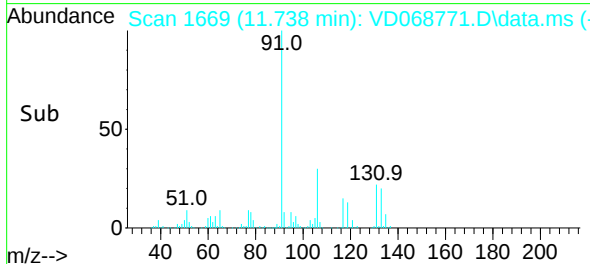
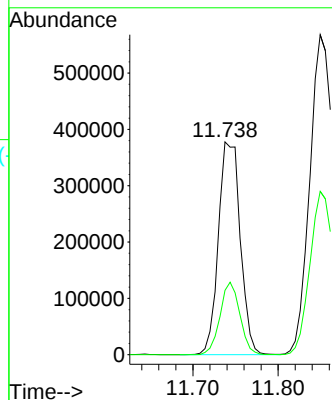
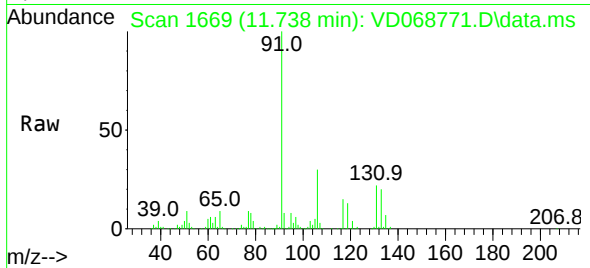
#67
Ethyl Benzene
Concen: 44.62 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 91 Resp: 675024
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

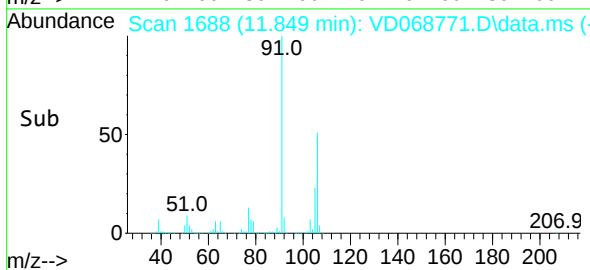
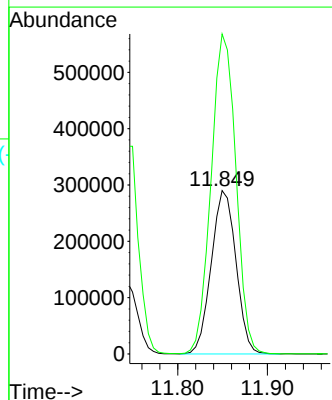
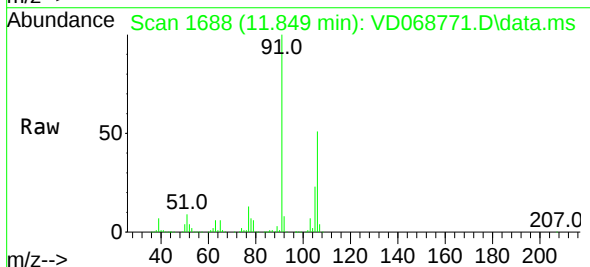
Manual Integrations
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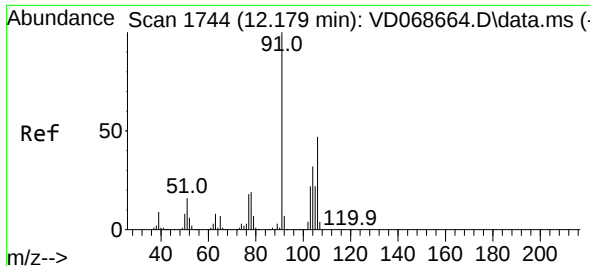
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#68
m/p-Xylenes
Concen: 94.18 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:106 Resp: 555107
Ion Ratio Lower Upper
106 100
91 196.6 158.6 238.0





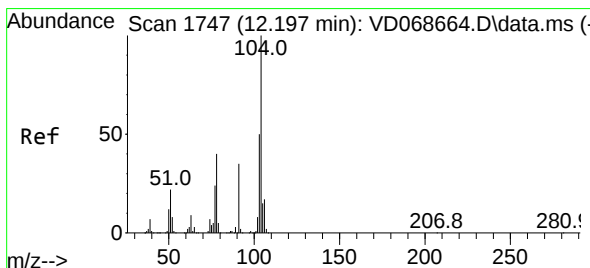
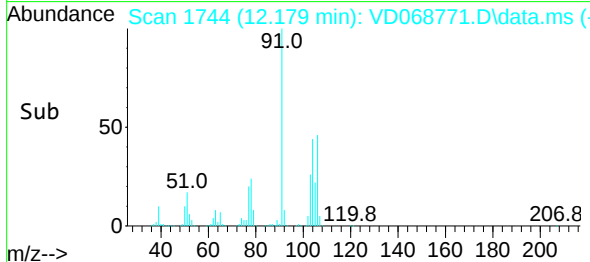
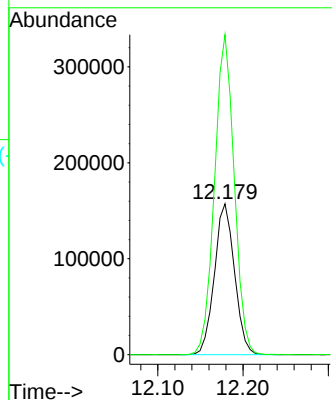
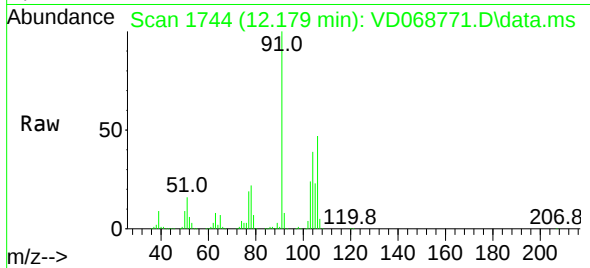
#69
o-Xylene
Concen: 47.14 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:106 Resp: 257511
Ion Ratio Lower Upper
106 100
91 207.9 105.0 315.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

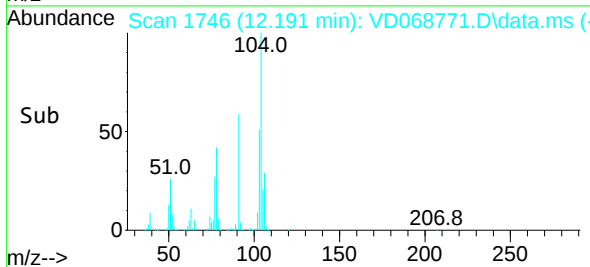
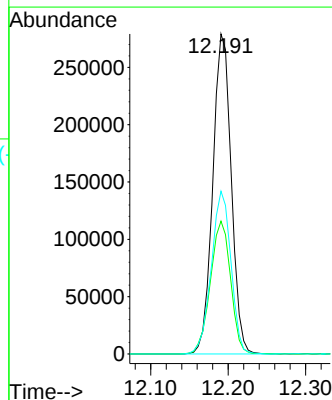
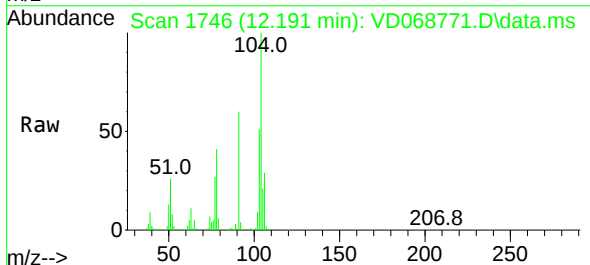
Manual Integrations
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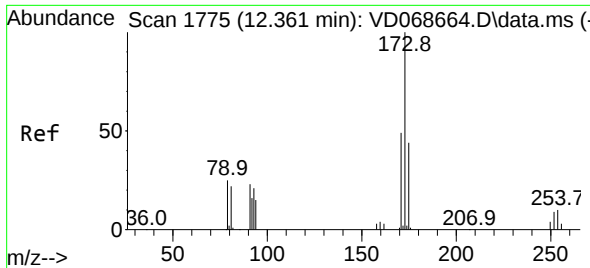
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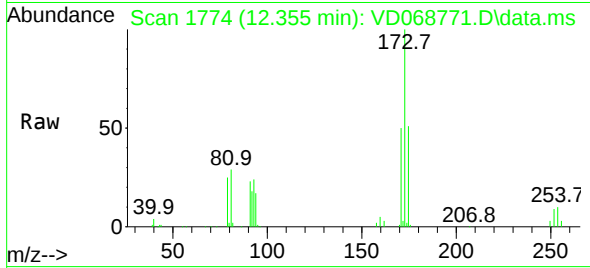
#70
Styrene
Concen: 49.24 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:104 Resp: 462260
Ion Ratio Lower Upper
104 100
78 45.5 36.9 55.3
103 54.1 44.3 66.5

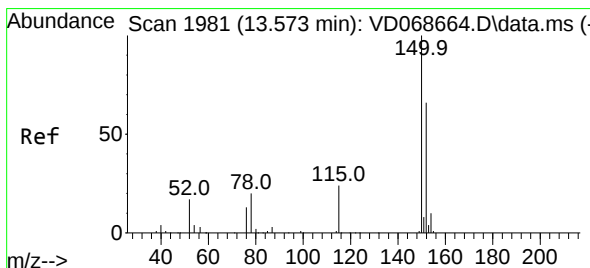
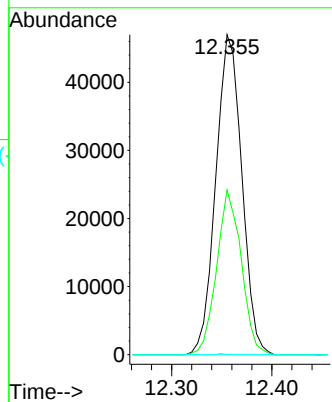
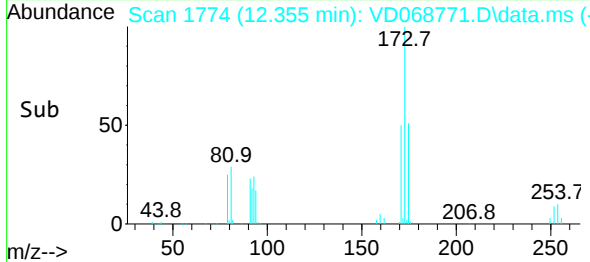




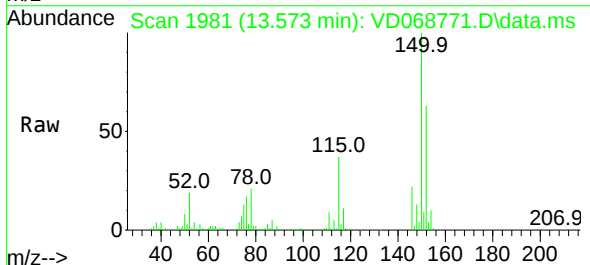
#71
Bromoform
Concen: 51.41 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



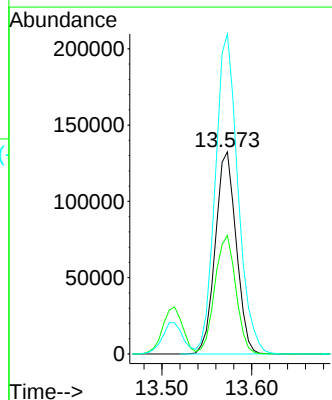
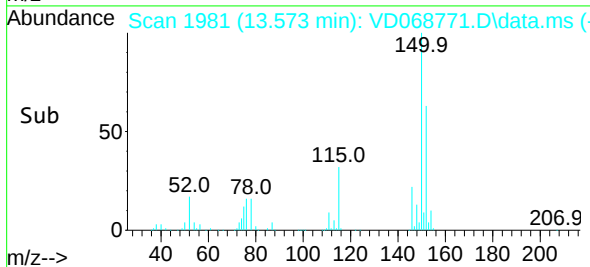
Tgt Ion:173 Resp: 84594
Ion Ratio Lower Upper
173 100
175 48.6 23.6 71.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



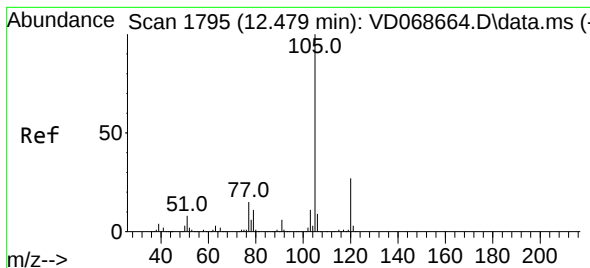
Tgt Ion:152 Resp: 214219
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.8
150 171.2 0.0 347.6



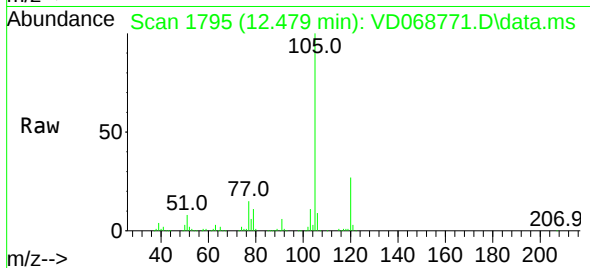
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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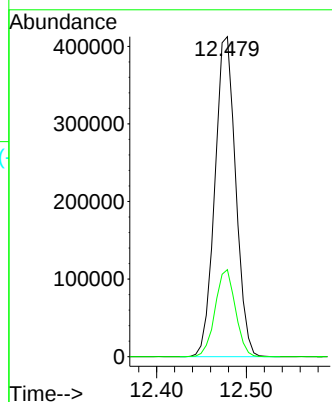
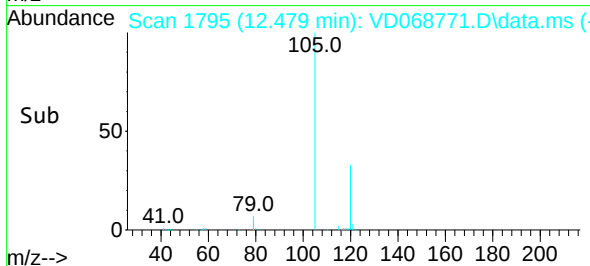
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#73
Isopropylbenzene
Concen: 45.15 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



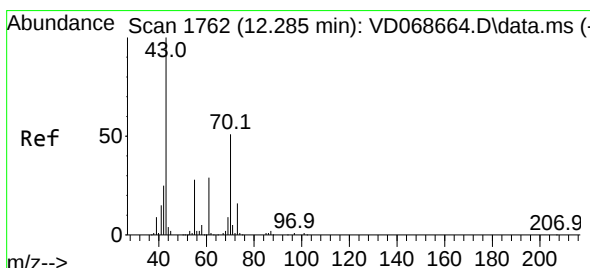
Tgt Ion: 105 Resp: 664528
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



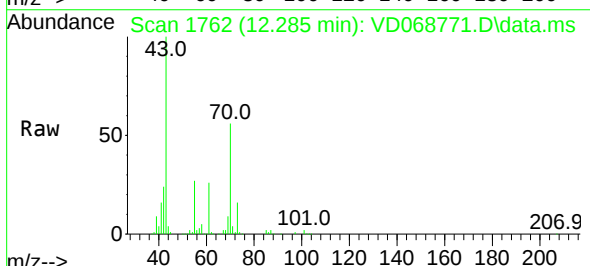
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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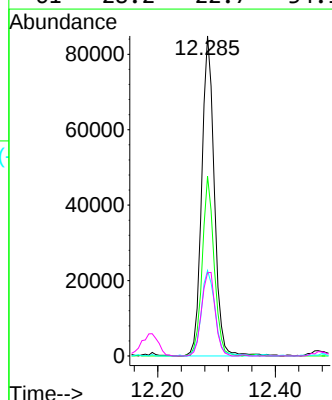
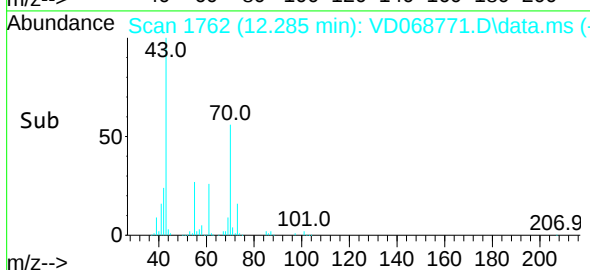
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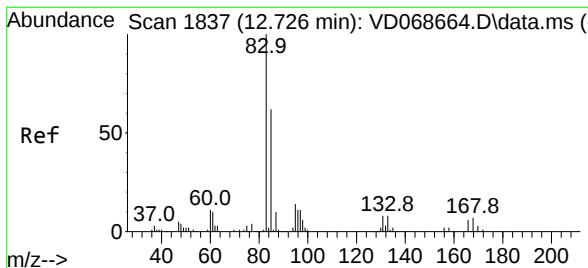


#74
N-ethyl acetate
Concen: 51.44 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



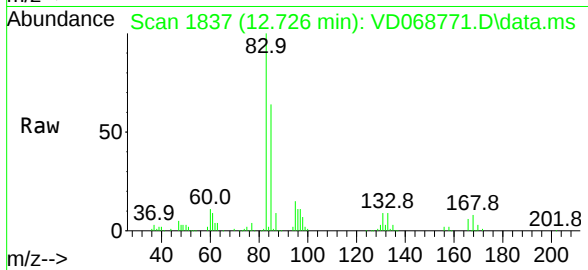
Tgt Ion: 43 Resp: 126205
Ion Ratio Lower Upper
43 100
70 52.8 41.9 62.9
55 29.1 22.8 34.2
61 28.2 22.7 34.1





#75
1,1,2,2-Tetrachloroethane
Concen: 52.38 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

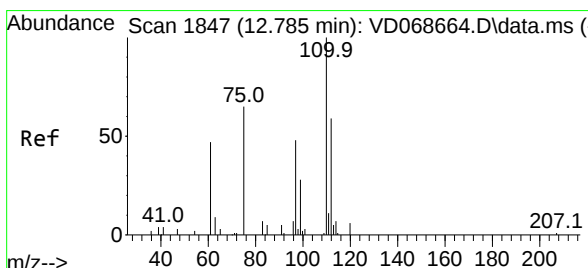
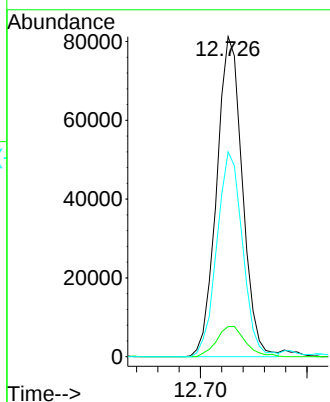
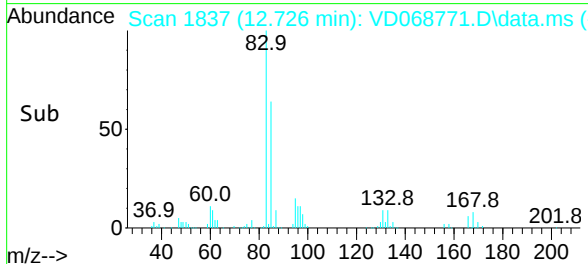
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



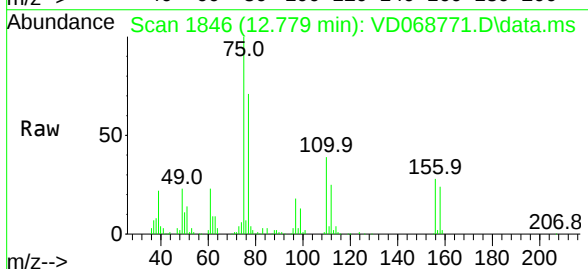
Tgt Ion: 83 Resp: 136217
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.0 32.0 96.0

Manual Integrations
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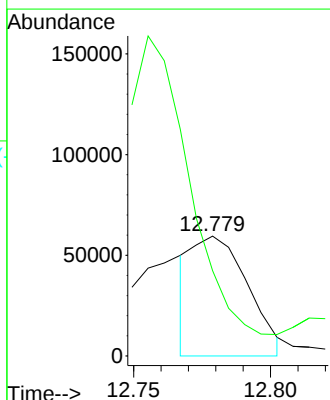
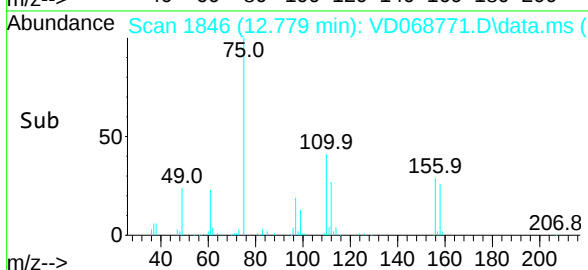
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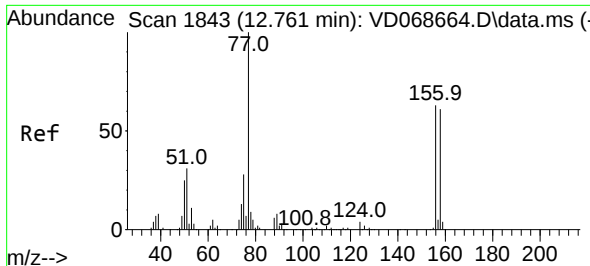


#76
1,2,3-Trichloropropane
Concen: 47.17 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

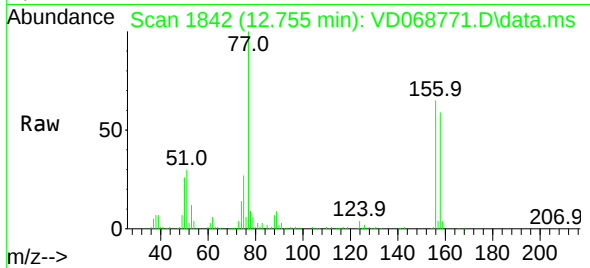


Tgt Ion: 75 Resp: 84103
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

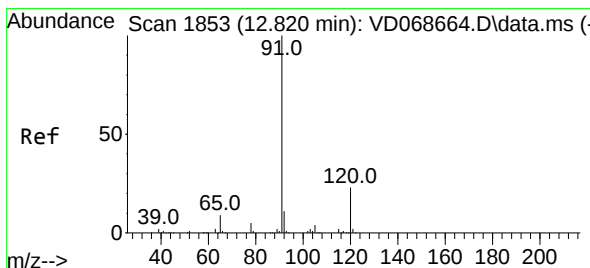
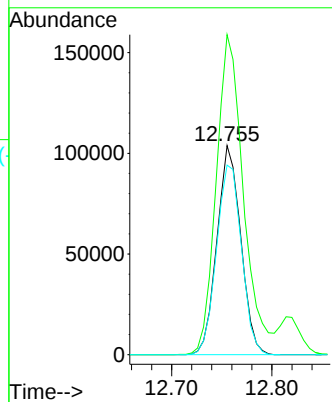
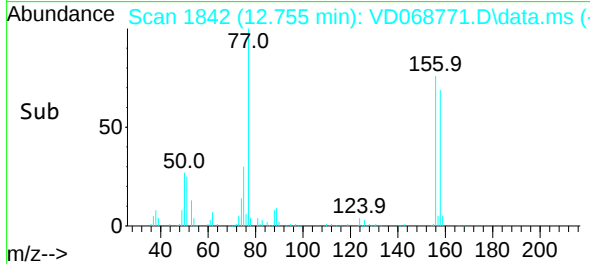




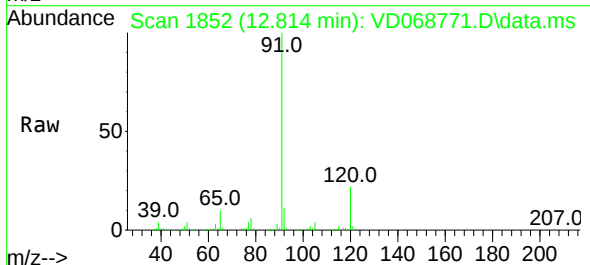
#77
Bromobenzene
Concen: 49.58 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



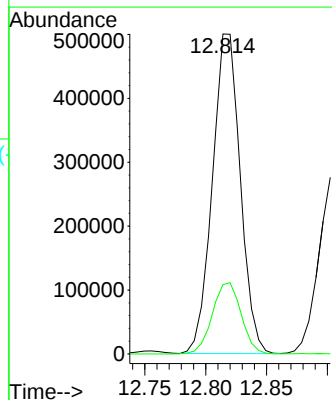
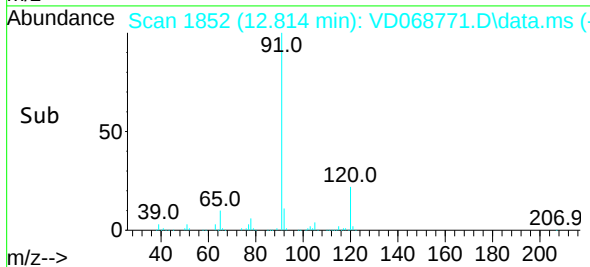
Tgt Ion:156 Resp: 171176
Ion Ratio Lower Upper
156 100
77 175.4 88.9 266.8
158 95.4 47.7 143.1



#78
n-propylbenzene
Concen: 45.55 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



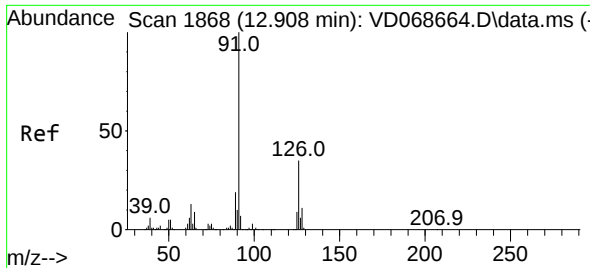
Tgt Ion: 91 Resp: 798187
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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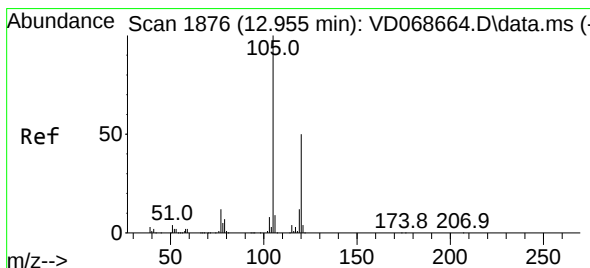
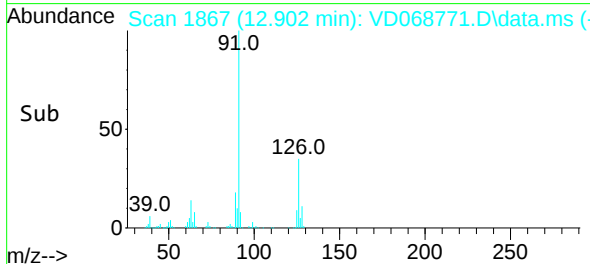
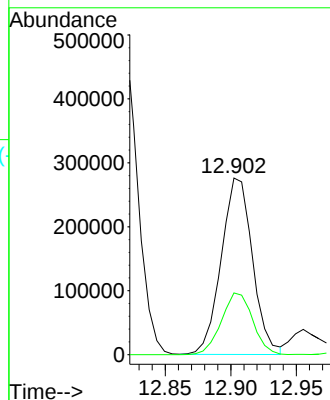
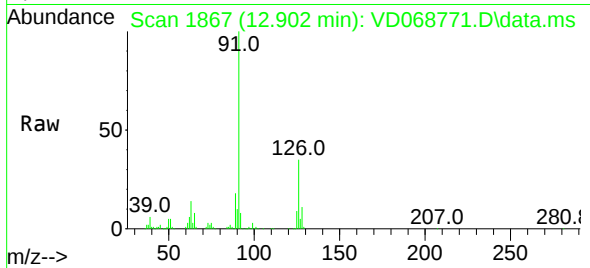
#79
2-Chlorotoluene
Concen: 47.96 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 91 Resp: 458629
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

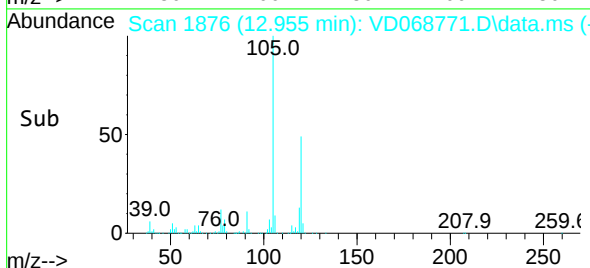
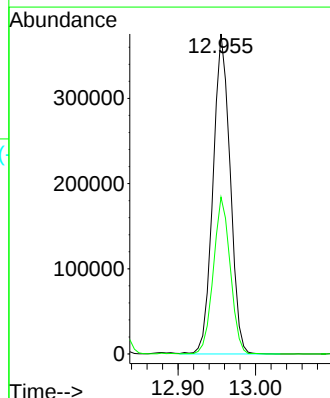
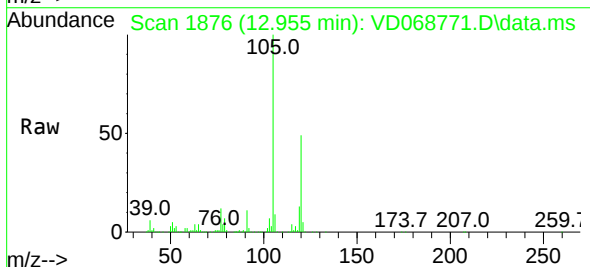
Manual Integrations
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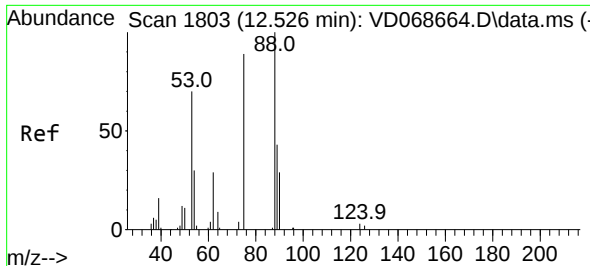
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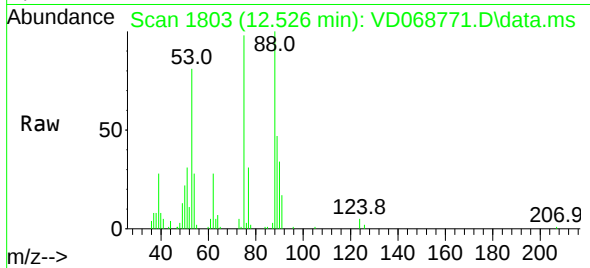
#80
1,3,5-Trimethylbenzene
Concen: 48.44 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion: 105 Resp: 576562
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7

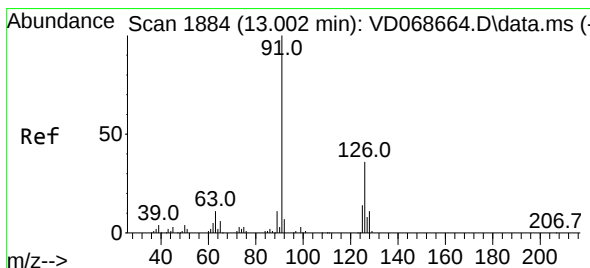
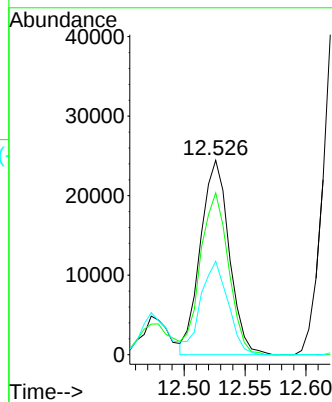
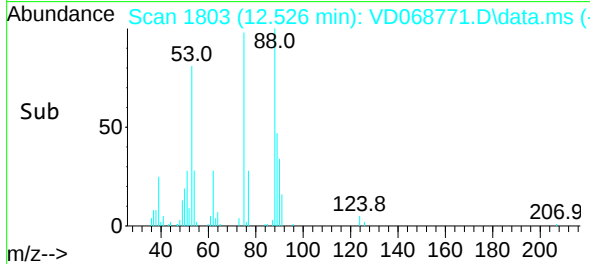




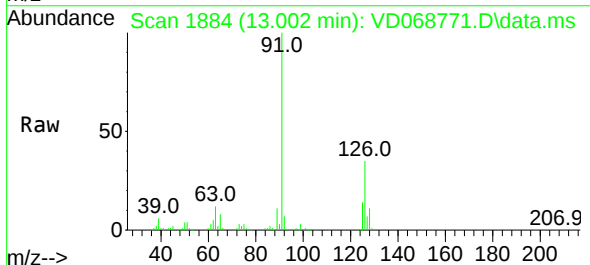
#81
trans-1,4-Dichloro-2-butene
Concen: 51.22 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



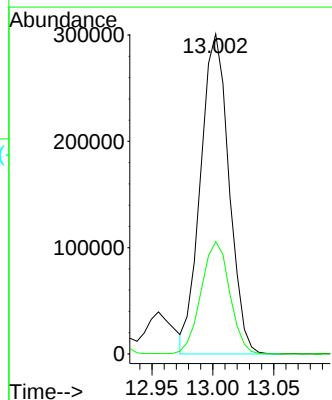
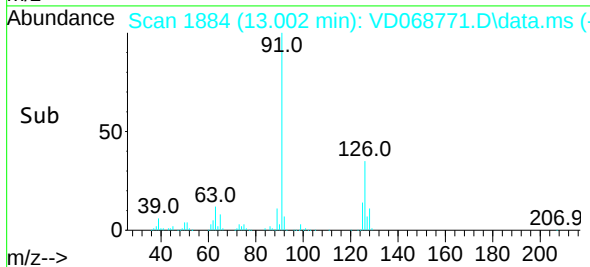
Tgt Ion:	75	Resp:	40144
Ion	Ratio	Lower	Upper
75	100		
53	81.6	66.8	100.2
89	45.8	36.6	54.8



#82
4-Chlorotoluene
Concen: 47.90 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



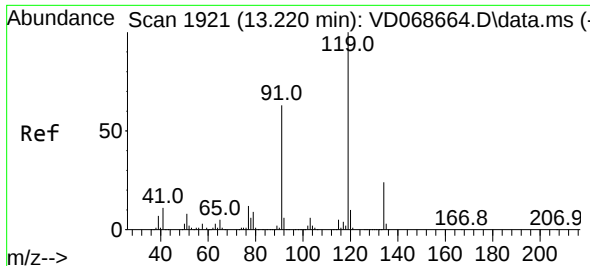
Tgt Ion:	91	Resp:	489368
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.2	51.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

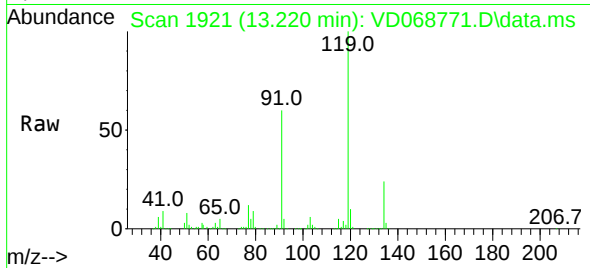
Manual Integrations
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#83
tert-Butylbenzene
Concen: 46.48 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

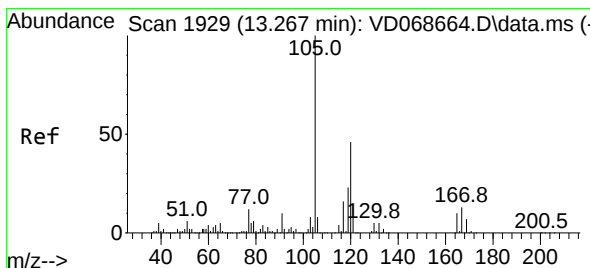
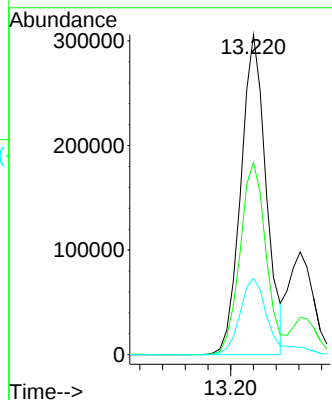
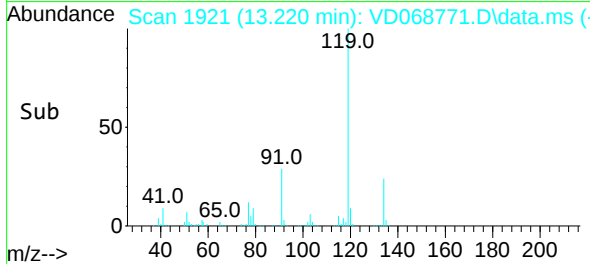
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



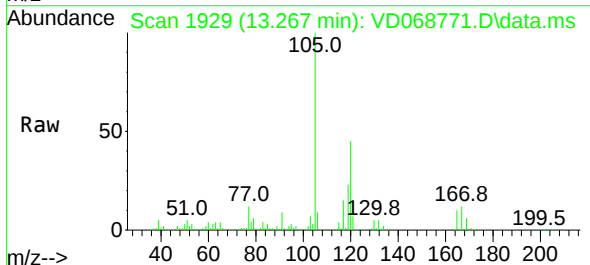
Tgt Ion:119 Resp: 471470
Ion Ratio Lower Upper
119 100
91 62.7 31.6 95.0
134 27.1 13.4 40.2

Manual Integrations
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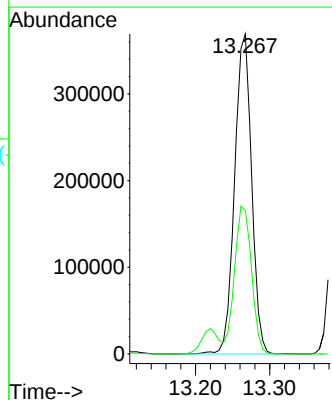
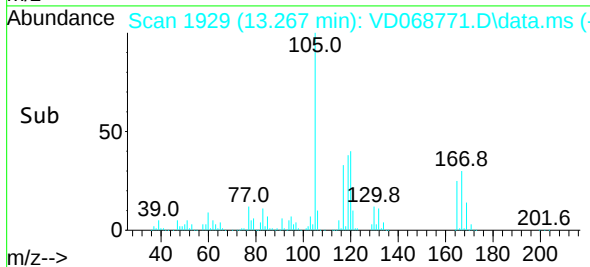
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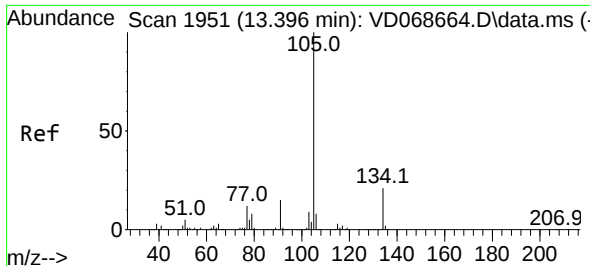


#84
1,2,4-Trimethylbenzene
Concen: 47.75 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



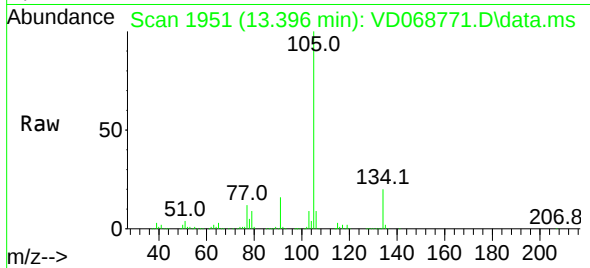
Tgt Ion:105 Resp: 587185
Ion Ratio Lower Upper
105 100
120 46.1 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 44.08 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD068771.D
 Acq: 01 Apr 2021 21:12

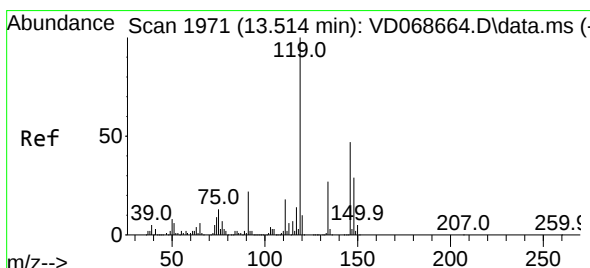
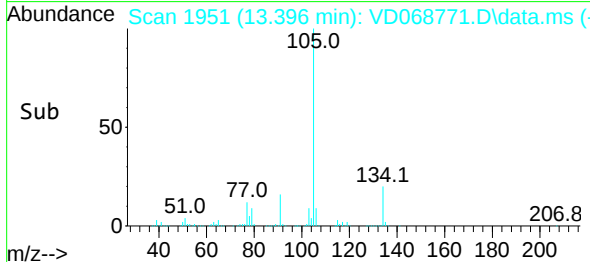
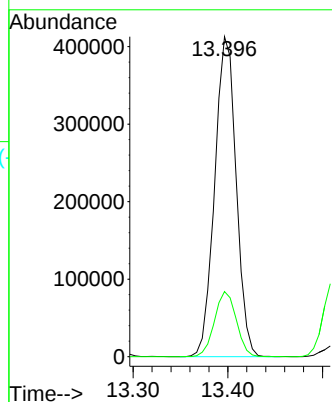
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



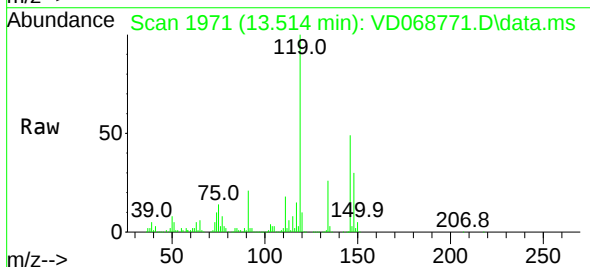
Tgt Ion:105 Resp: 650126
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 29.8

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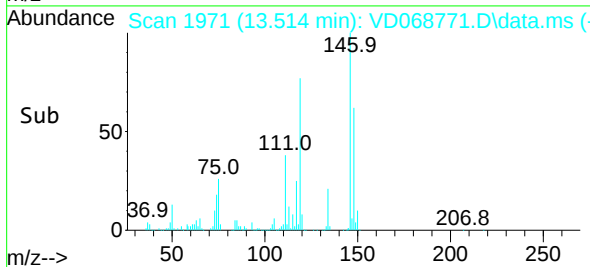
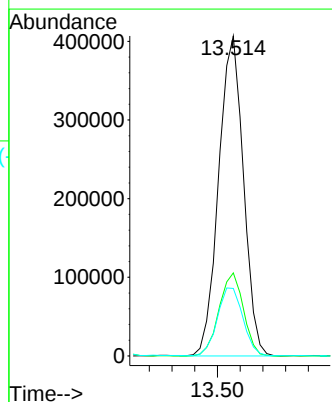
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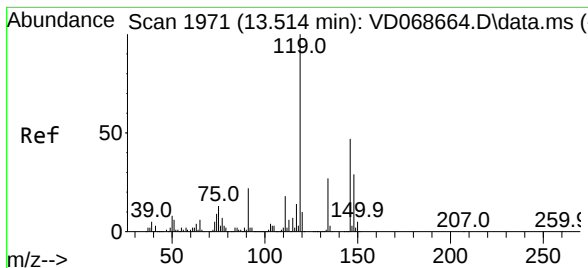


#86
 p-Isopropyltoluene
 Concen: 45.92 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068771.D
 Acq: 01 Apr 2021 21:12

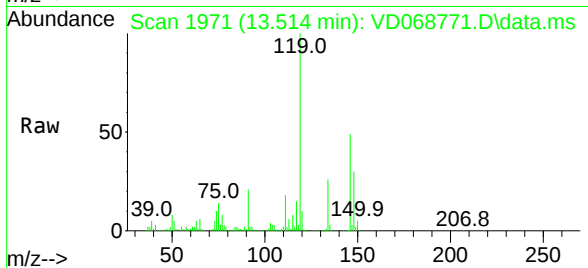


Tgt Ion:119 Resp: 616327
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.9
 91 21.9 11.1 33.1

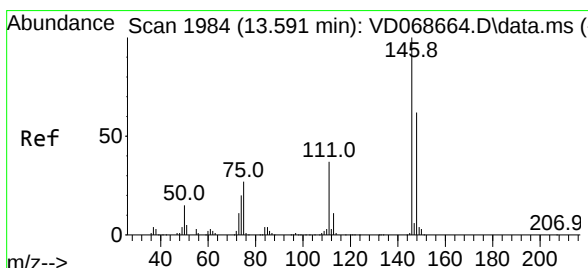
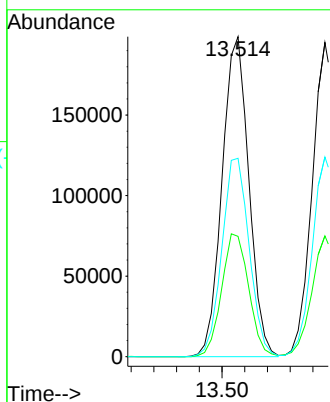
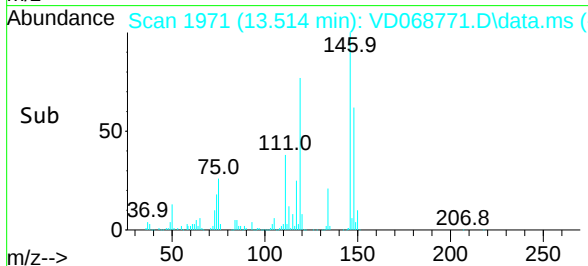




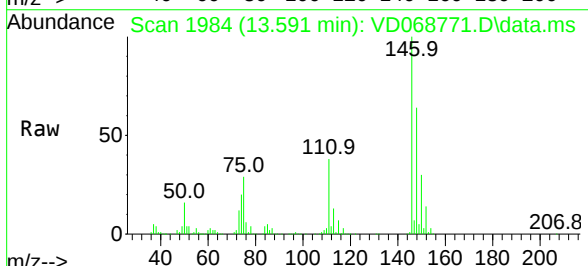
#87
1,3-Dichlorobenzene
Concen: 47.18 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



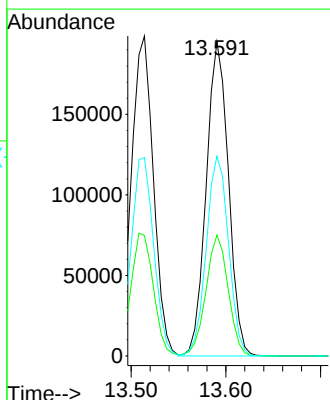
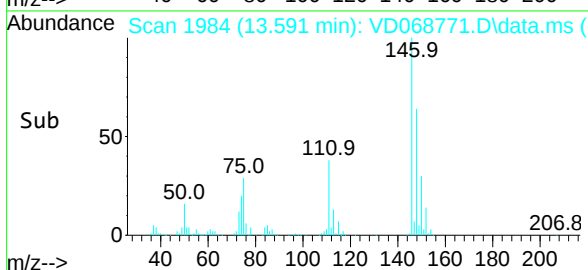
Tgt Ion:146 Resp: 324843
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.8
148 63.4 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 46.93 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



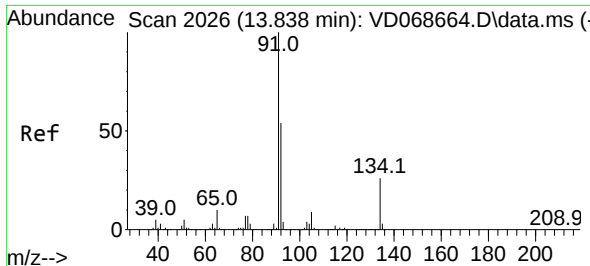
Tgt Ion:146 Resp: 317609
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 63.7 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

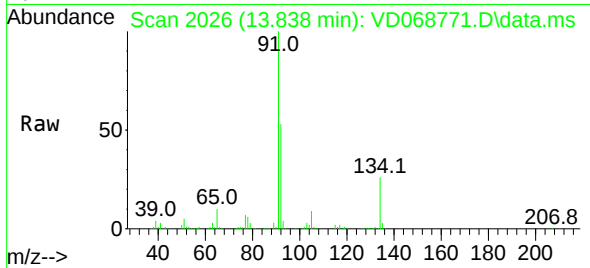
Manual Integrations
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#89
n-Butylbenzene
Concen: 44.82 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

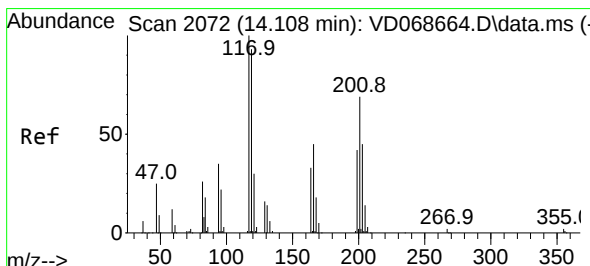
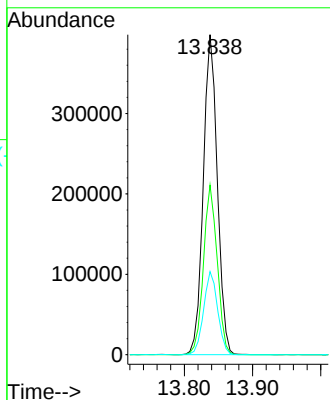
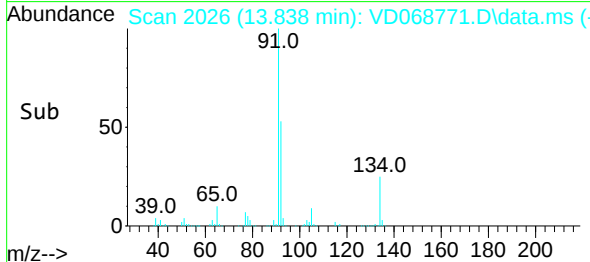
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



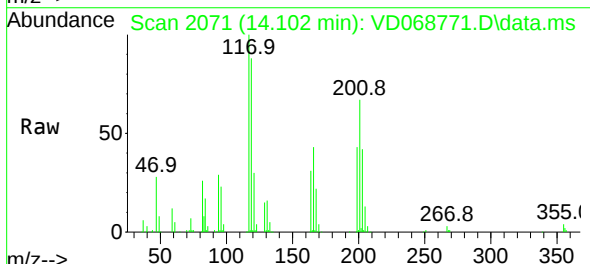
Tgt Ion: 91 Resp: 570967
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 26.0 12.9 38.6

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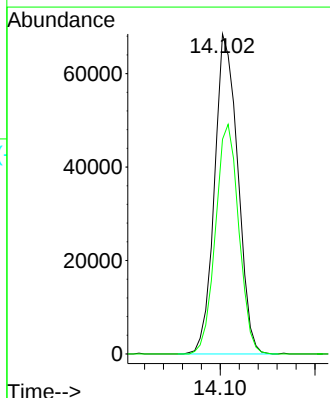
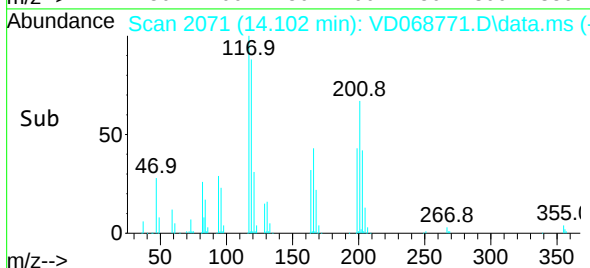
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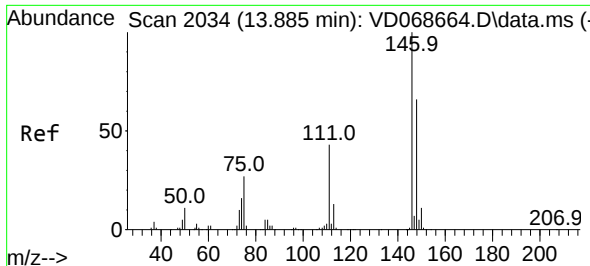


#90
Hexachloroethane
Concen: 48.34 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



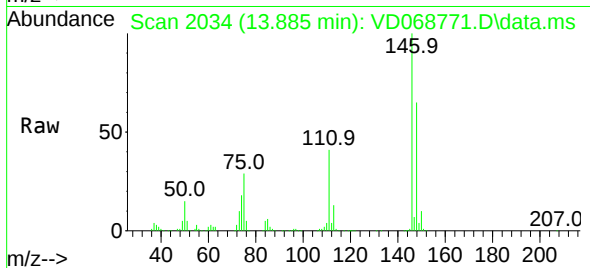
Tgt Ion: 117 Resp: 116714
Ion Ratio Lower Upper
117 100
201 72.0 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 48.59 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

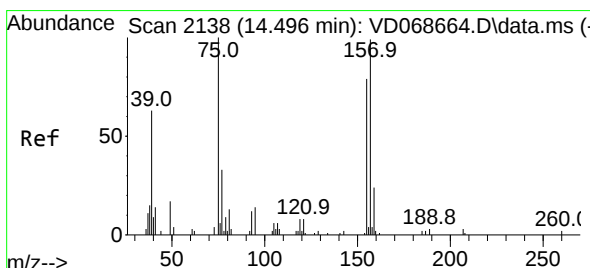
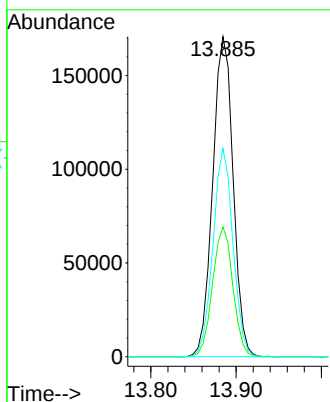
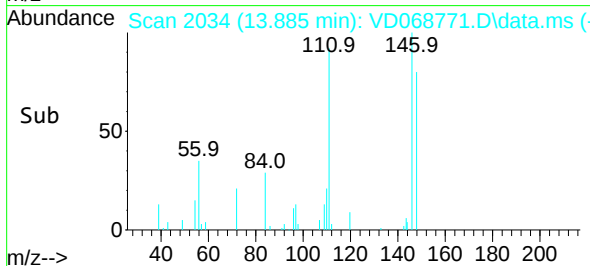
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



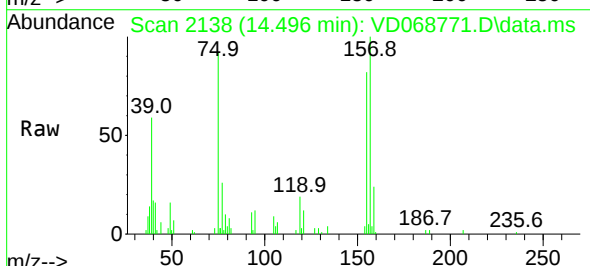
Tgt Ion:146 Resp: 284199
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.8 32.2 96.6

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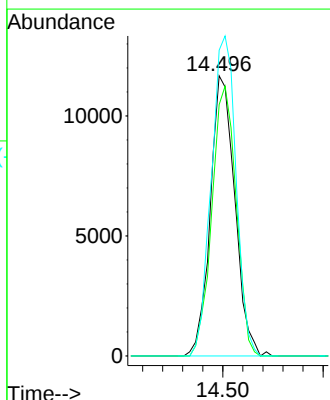
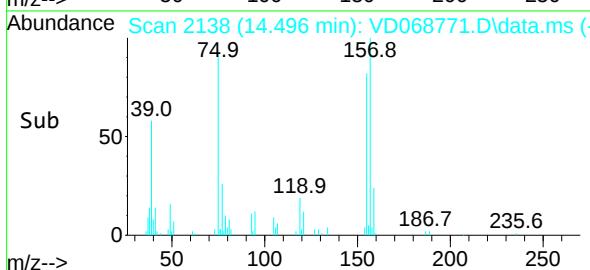
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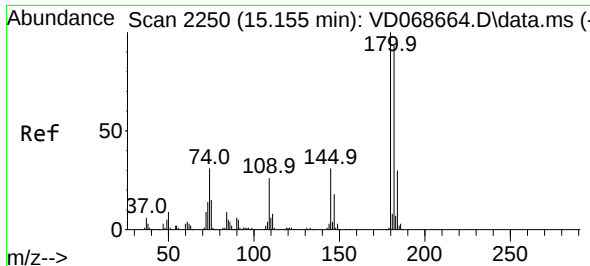


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.25 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



Tgt Ion: 75 Resp: 19814
Ion Ratio Lower Upper
75 100
155 95.3 46.8 140.3
157 115.0 59.8 179.3





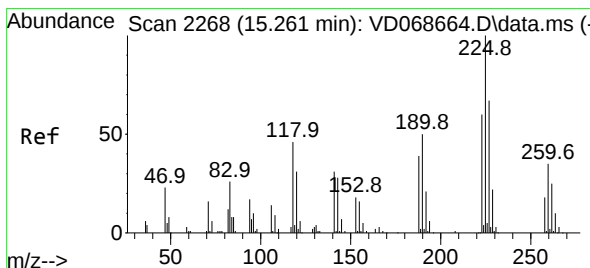
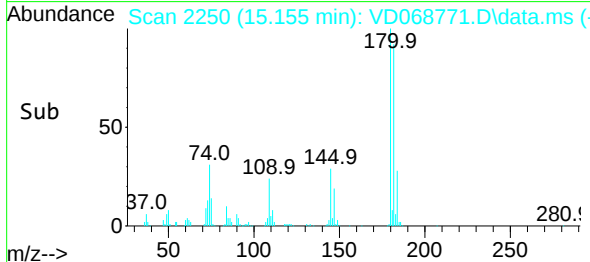
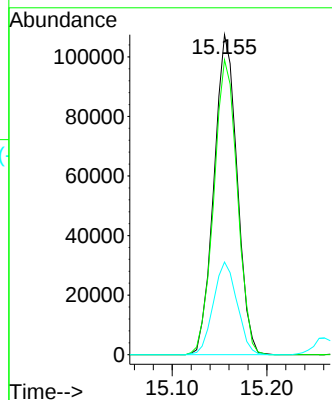
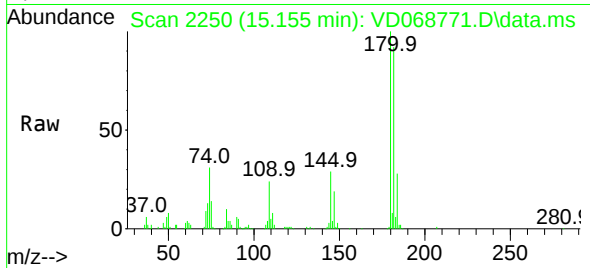
#93
1,2,4-Trichlorobenzene
Concen: 47.87 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:180 Resp: 181932
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.8
145 29.7 15.2 45.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

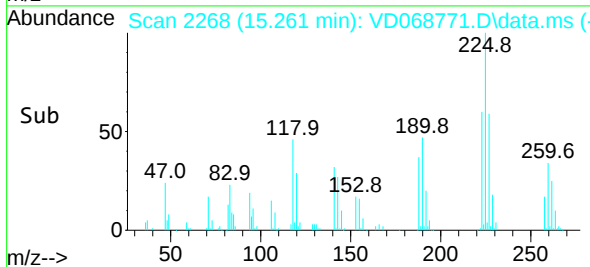
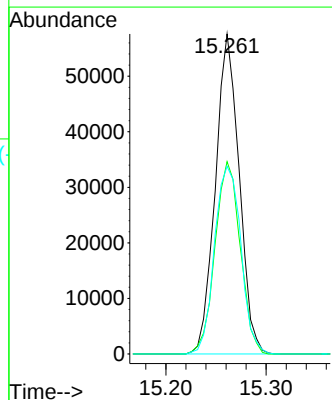
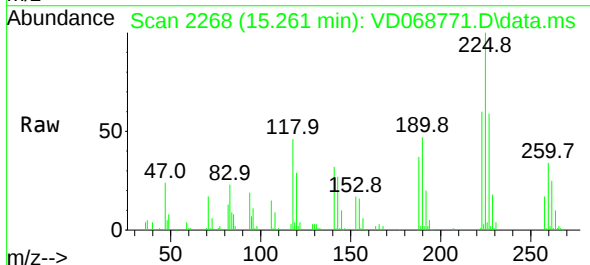
Manual Integrations
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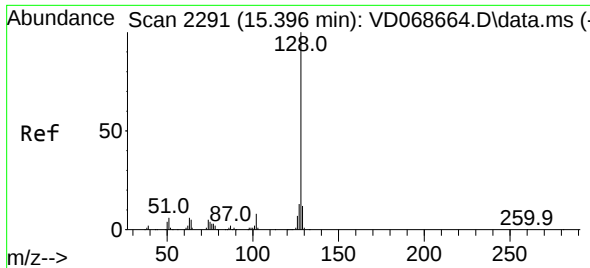
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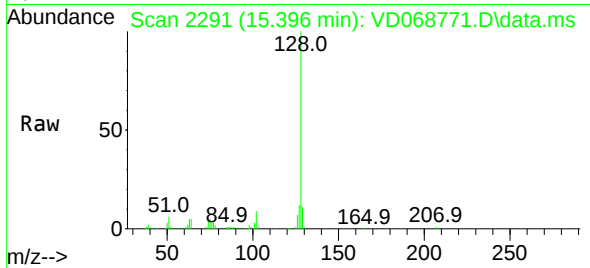
#94
Hexachlorobutadiene
Concen: 43.78 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12

Tgt Ion:225 Resp: 95001
Ion Ratio Lower Upper
225 100
223 63.6 30.6 91.6
227 65.0 31.4 94.0

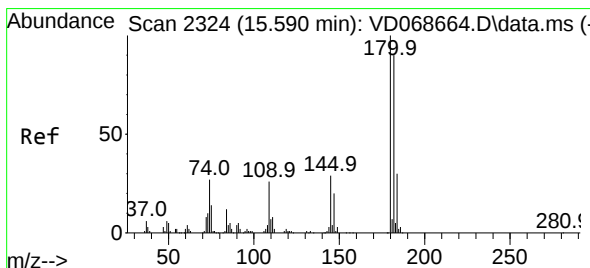
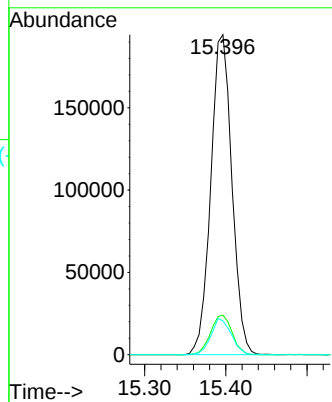
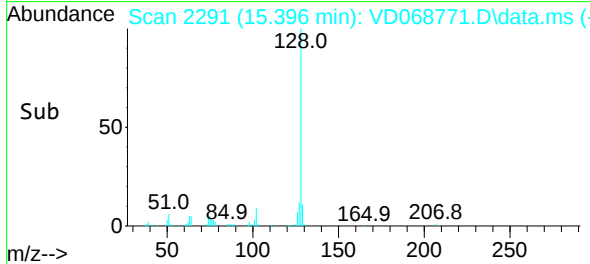




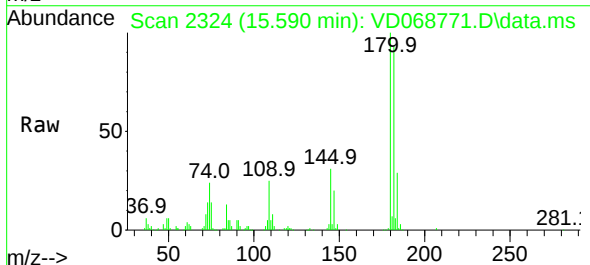
#95
Naphthalene
Concen: 52.76 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



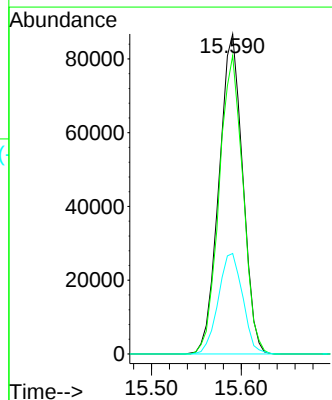
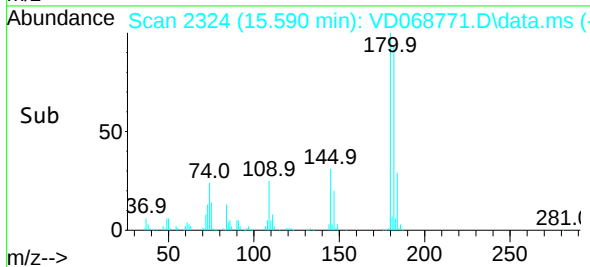
Tgt Ion:128 Resp: 351042
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.12 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068771.D
Acq: 01 Apr 2021 21:12



Tgt Ion:180 Resp: 158955
Ion Ratio Lower Upper
180 100
182 93.5 46.5 139.3
145 32.3 15.8 47.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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