

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068871.D
 Acq On : 16 Apr 2021 13:02
 Operator : VA/SY
 Sample : VD0416SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS01

Manual Integrations
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Quant Time: Apr 16 23:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	167850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	277530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	259657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	86176	48.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.16%		
35) Dibromofluoromethane	7.920	113	96573	53.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.00%		
50) Toluene-d8	10.338	98	365242	53.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.26%		
62) 4-Bromofluorobenzene	12.632	95	119629	52.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	34974	21.03	ug/l	95
3) Chloromethane	2.209	50	39987	20.45	ug/l	93
4) Vinyl Chloride	2.350	62	49348	20.09	ug/l	95
5) Bromomethane	2.756	94	38504	20.97	ug/l	97
6) Chloroethane	2.914	64	33998	21.06	ug/l	100
7) Trichlorofluoromethane	3.262	101	61075	21.13	ug/l	85
8) Diethyl Ether	3.709	74	14374	18.41	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	33318	19.10	ug/l	98
10) Methyl Iodide	4.297	142	28065	15.38	ug/l	98
11) Tert butyl alcohol	5.226	59	9979	86.43	ug/l #	86
12) 1,1-Dichloroethene	4.073	96	33052	19.67	ug/l	84
13) Acrolein	3.932	56	5205	74.55	ug/l	95
14) Allyl chloride	4.714	41	33256	17.56	ug/l	94
15) Acrylonitrile	5.432	53	30719	87.69	ug/l	94
16) Acetone	4.161	43	20123	81.92	ug/l	98
17) Carbon Disulfide	4.409	76	100823	18.54	ug/l	98
18) Methyl Acetate	4.714	43	10840	16.06	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	67615	18.14	ug/l	96
20) Methylene Chloride	4.973	84	41608	17.81	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	42762	19.82	ug/l	97
22) Diisopropyl ether	6.361	45	88806	19.36	ug/l	95
23) Vinyl Acetate	6.308	43	218637	89.92	ug/l	97
24) 1,1-Dichloroethane	6.267	63	68264	19.73	ug/l	96
25) 2-Butanone	7.214	43	32903	94.65	ug/l	98
26) 2,2-Dichloropropane	7.202	77	60197	21.30	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	47995	22.38	ug/l	96
28) Bromochloromethane	7.550	49	21711	17.39	ug/l	91
29) Tetrahydrofuran	7.555	42	20189	86.36	ug/l	94
30) Chloroform	7.708	83	75242	19.87	ug/l	98
31) Cyclohexane	7.985	56	56106	19.01	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	67993	20.55	ug/l	98
36) 1,1-Dichloropropene	8.108	75	57714	20.54	ug/l	97
37) Ethyl Acetate	7.291	43	15949	19.33	ug/l	98
38) Carbon Tetrachloride	8.097	117	59778	21.49	ug/l	97
39) Methylcyclohexane	9.355	83	66403	20.27	ug/l	97
40) Benzene	8.350	78	168936	20.55	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	9527m	19.50	ug/l	
42) 1,2-Dichloroethane	8.426	62	44855	20.64	ug/l	95
43) Isopropyl Acetate	8.455	43	30963	18.41	ug/l	96
44) Trichloroethene	9.114	130	48152	21.21	ug/l	89
45) 1,2-Dichloropropane	9.385	63	39410	20.07	ug/l	94
46) Dibromomethane	9.479	93	22068	20.18	ug/l	94
47) Bromodichloromethane	9.661	83	59082	20.68	ug/l	97
48) Methyl methacrylate	9.461	41	14966	18.06	ug/l	92
49) 1,4-Dioxane	9.461	88	4683	404.40	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	80709	95.20	ug/l	100
52) Toluene	10.402	92	109353	21.01	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	51415	20.30	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	62143	20.51	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	31410	20.31	ug/l	94
56) Ethyl methacrylate	10.661	69	30115	18.92	ug/l	99
57) 1,3-Dichloropropane	10.943	76	51193	20.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	67411	91.12	ug/l	97
59) 2-Hexanone	10.985	43	52445	92.45	ug/l	97
60) Dibromochloromethane	11.138	129	39380	20.31	ug/l	97
61) 1,2-Dibromoethane	11.243	107	29380	19.55	ug/l	96
64) Tetrachloroethene	10.879	164	38901	21.37	ug/l	99
65) Chlorobenzene	11.667	112	118988	21.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	43765	21.66	ug/l	98
67) Ethyl Benzene	11.743	91	203472	20.90	ug/l	96
68) m/p-Xylenes	11.849	106	159986	42.60	ug/l	99
69) o-Xylene	12.179	106	72091	21.11	ug/l	97
70) Styrene	12.190	104	128135	21.53	ug/l	98
71) Bromoform	12.355	173	22575	20.85	ug/l #	98
73) Isopropylbenzene	12.479	105	191887	20.16	ug/l	99
74) N-amyl acetate	12.285	43	29537	18.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	33334	18.74	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	22187m	18.63	ug/l	
77) Bromobenzene	12.761	156	48310	21.11	ug/l	93
78) n-propylbenzene	12.820	91	237419	20.54	ug/l	99
79) 2-Chlorotoluene	12.908	91	131133	20.31	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	165262	20.77	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	9458	18.43	ug/l	97
82) 4-Chlorotoluene	13.002	91	138376	20.22	ug/l	97
83) tert-Butylbenzene	13.220	119	133859	19.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	165124	20.55	ug/l	97
85) sec-Butylbenzene	13.396	105	194596	20.43	ug/l	99
86) p-Isopropyltoluene	13.514	119	177816	20.43	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	93992	20.74	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	90863	20.25	ug/l	98
89) n-Butylbenzene	13.837	91	163588	19.96	ug/l	99
90) Hexachloroethane	14.108	117	34590	19.96	ug/l	98
91) 1,2-Dichlorobenzene	13.884	146	78369	19.98	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4832	17.87	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	48494	19.98	ug/l	99
94) Hexachlorobutadiene	15.261	225	27269	19.62	ug/l	97
95) Naphthalene	15.396	128	77034	18.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	41772	19.68	ug/l	98

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ClientSampleId :
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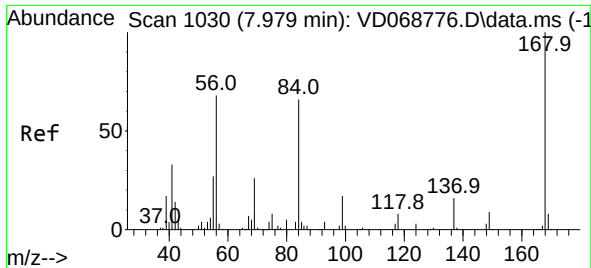
Manual Integrations
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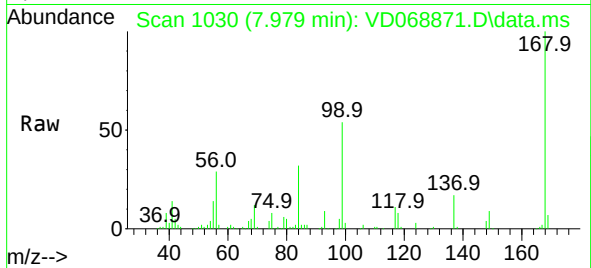
Quant Time: Apr 16 23:48:39 2021
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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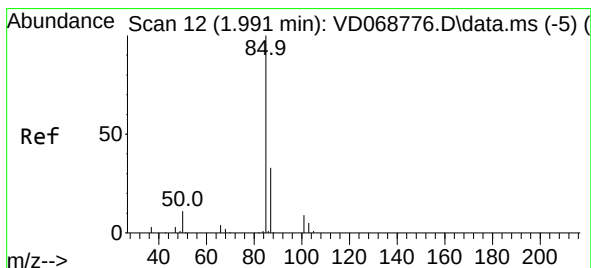
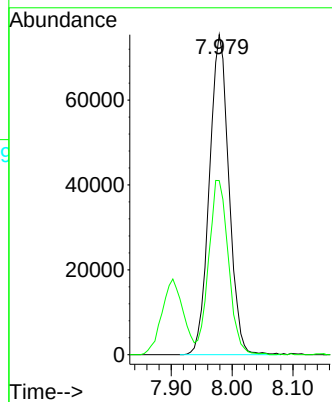
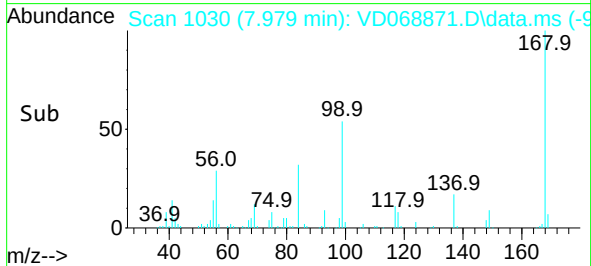
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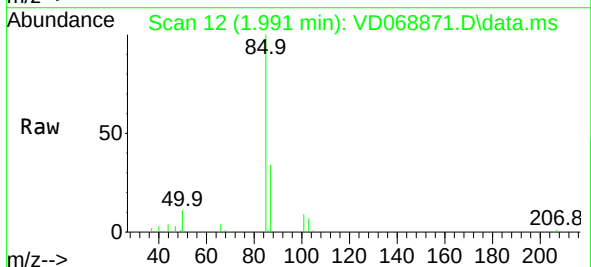
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



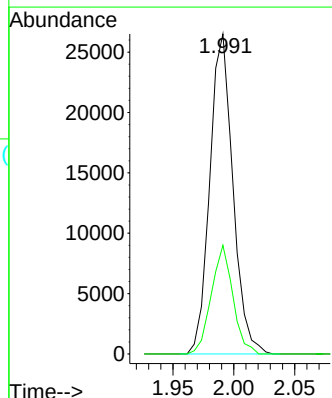
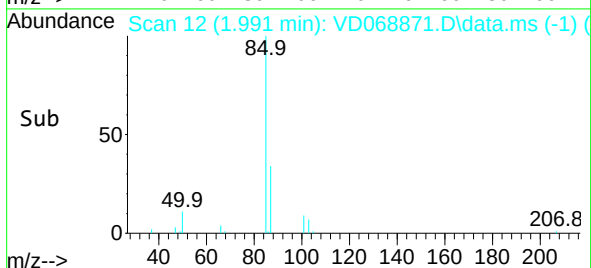
Tgt Ion: 168 Resp: 167850
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 21.03 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



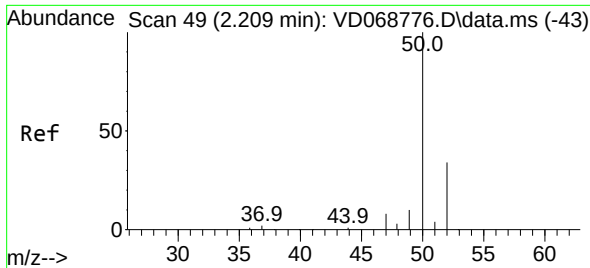
Tgt Ion: 85 Resp: 34974
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0



Instrument :
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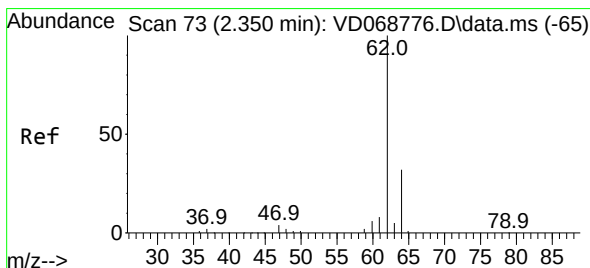
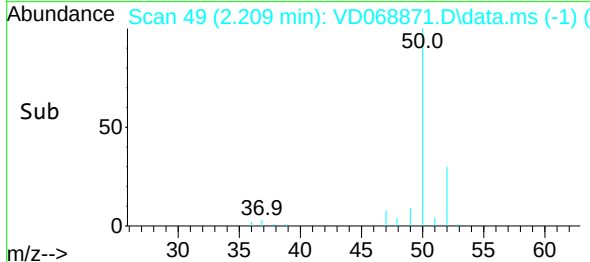
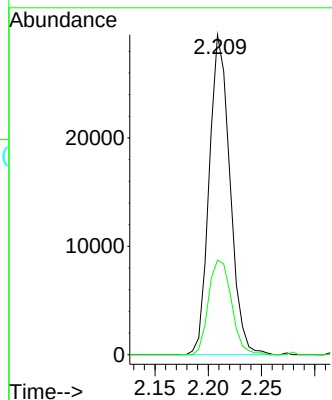
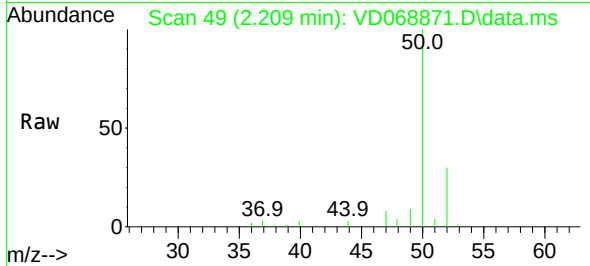
#3
Chloromethane
Concen: 20.45 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 50 Resp: 39987
Ion Ratio Lower Upper
50 100
52 29.5 26.7 40.1

Instrument :
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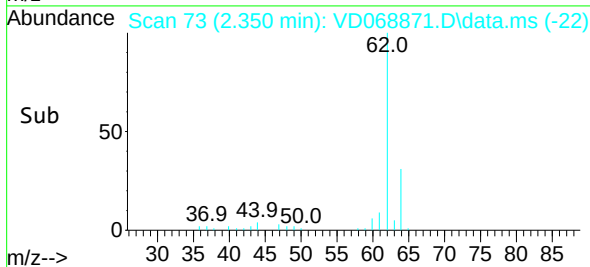
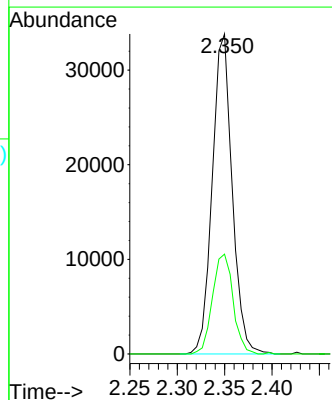
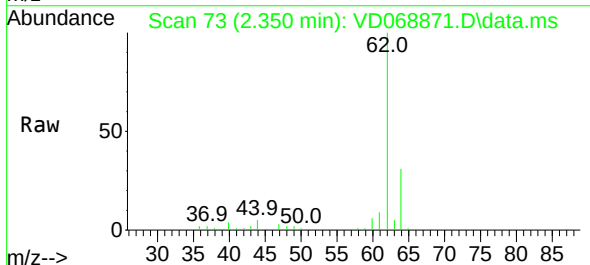
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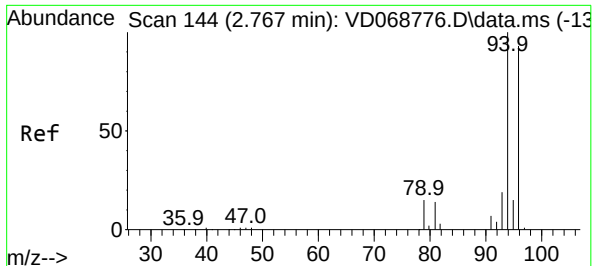
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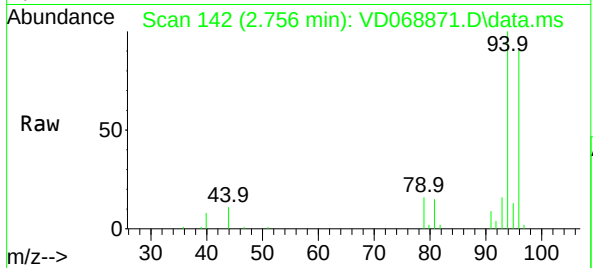
#4
Vinyl Chloride
Concen: 20.09 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 62 Resp: 49348
Ion Ratio Lower Upper
62 100
64 31.2 27.1 40.7

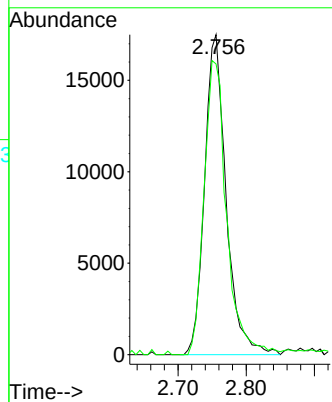




#5
Bromomethane
Concen: 20.97 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



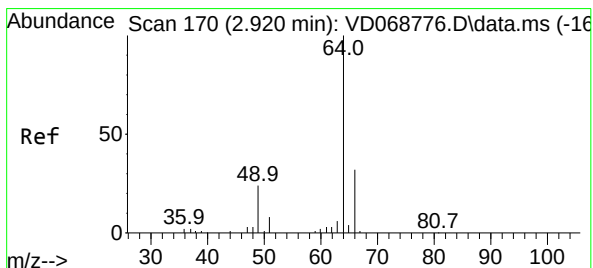
Tgt Ion: 94 Resp: 38504
Ion Ratio Lower Upper
94 100
96 90.9 74.7 112.1



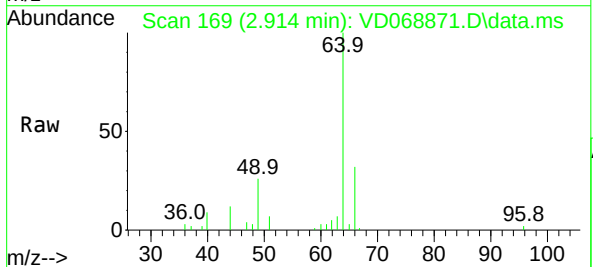
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ClientSampleId :
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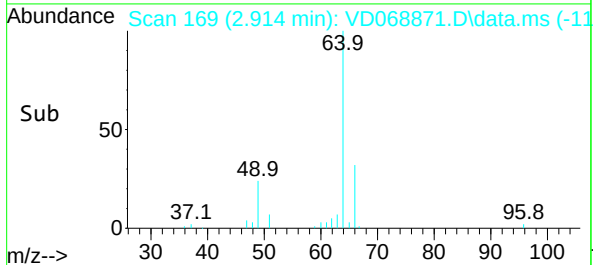
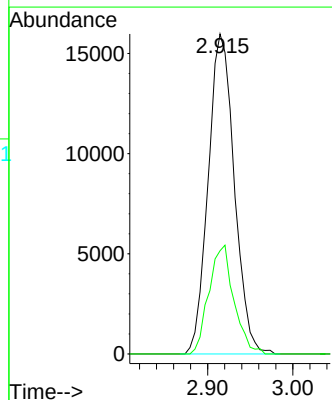
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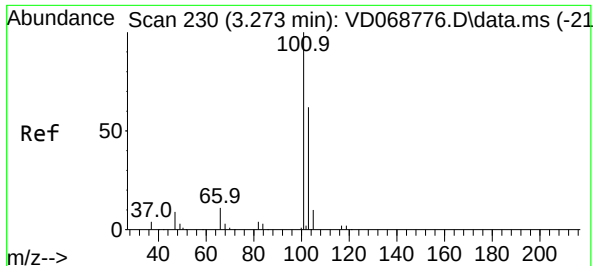


#6
Chloroethane
Concen: 21.06 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



Tgt Ion: 64 Resp: 33998
Ion Ratio Lower Upper
64 100
66 32.3 26.0 39.0





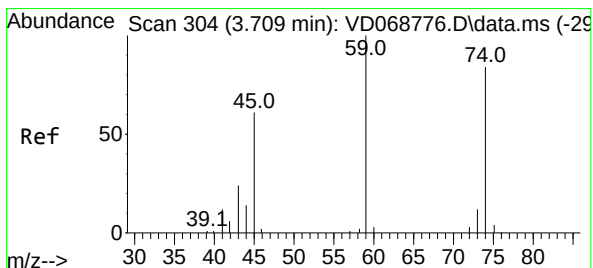
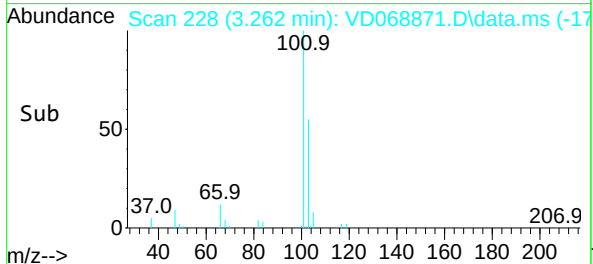
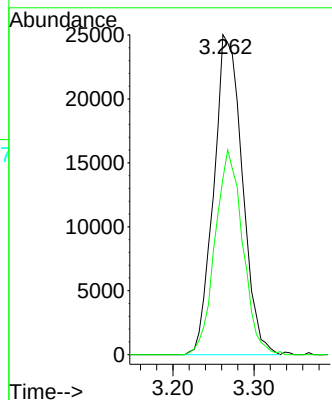
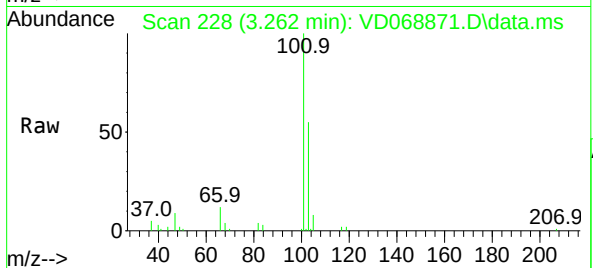
#7
Trichlorofluoromethane
Concen: 21.13 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.011 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:101 Resp: 61075
Ion Ratio Lower Upper
101 100
103 55.1 53.4 80.2

Instrument :
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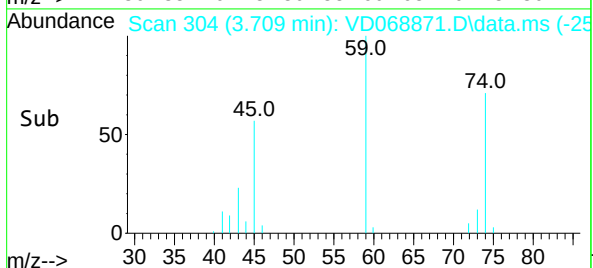
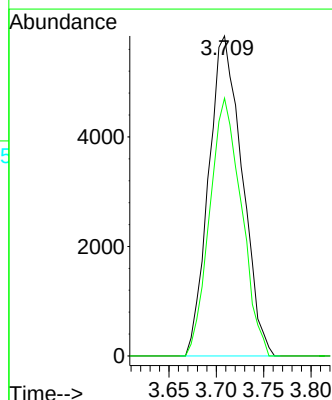
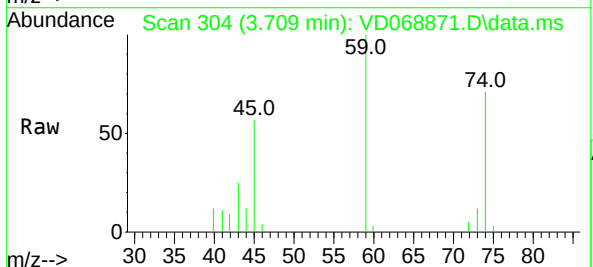
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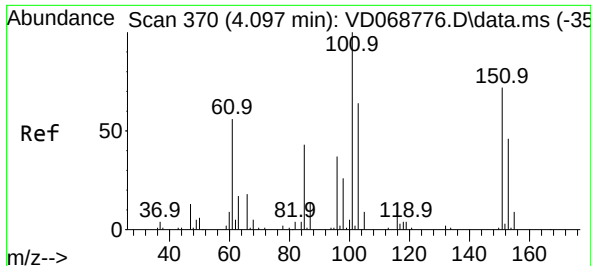
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#8
Diethyl Ether
Concen: 18.41 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 74 Resp: 14374
Ion Ratio Lower Upper
74 100
45 76.4 40.5 121.5





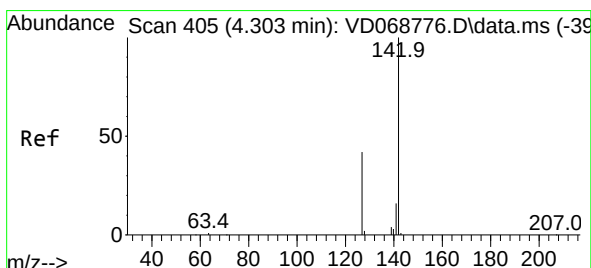
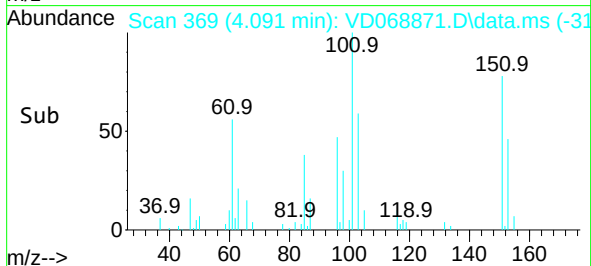
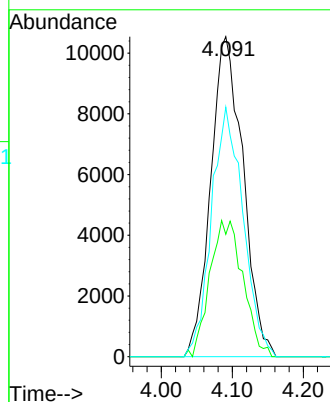
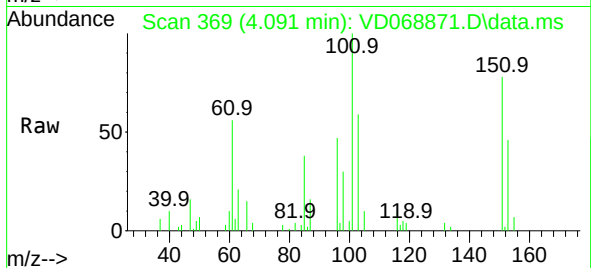
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.10 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068871.D
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Tgt Ion:	101	Resp:	33318
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.8	50.6
151	76.3	59.4	89.2

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VD0416SBS01

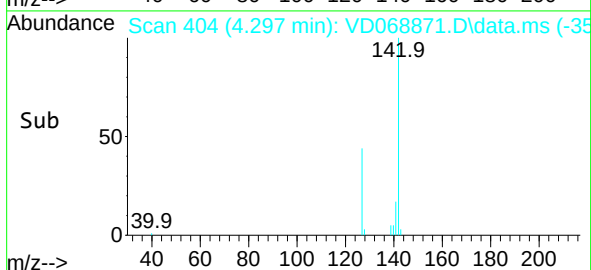
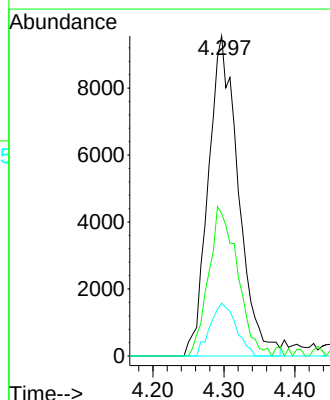
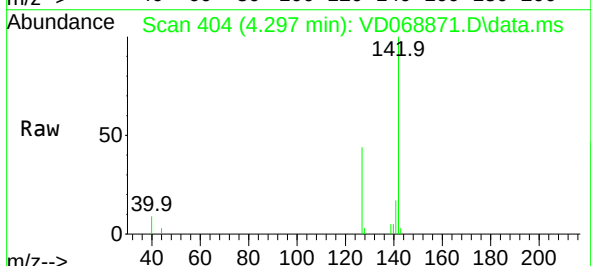
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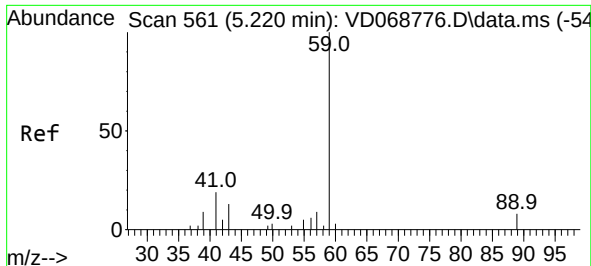
MMDadoda
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#10
Methyl Iodide
Concen: 15.38 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	142	Resp:	28065
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.7	52.1
141	14.1	11.0	16.4





#11

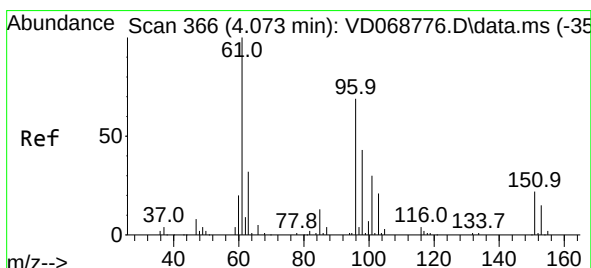
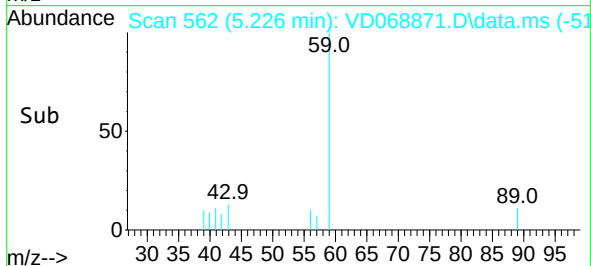
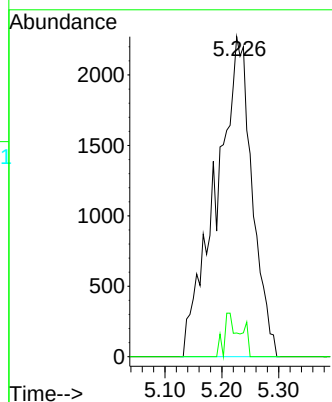
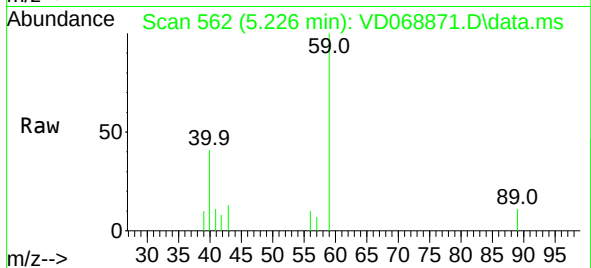
Tert butyl alcohol
Concen: 86.43 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 59 Resp: 9979
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

Manual Integrations
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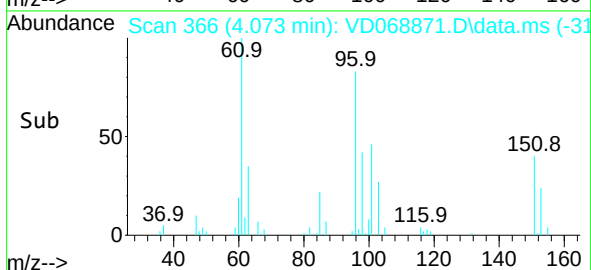
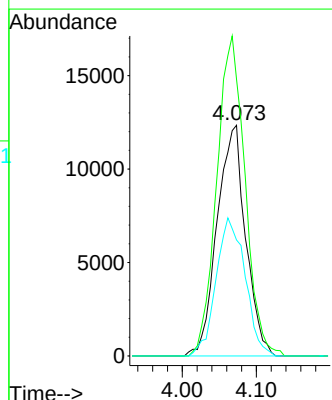
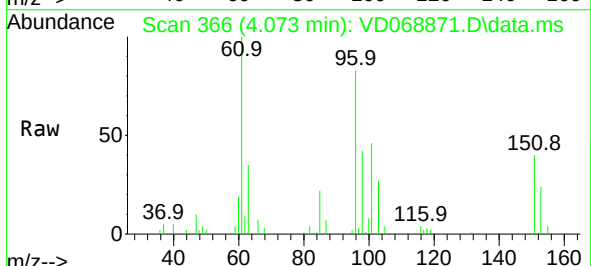
MMDadoda
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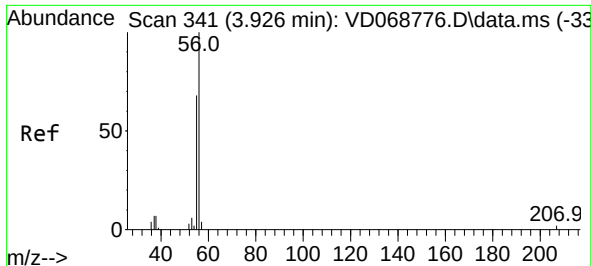


#12

1,1-Dichloroethene
Concen: 19.67 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

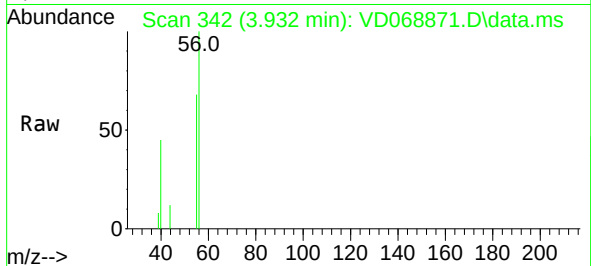
Tgt Ion: 96 Resp: 33052
Ion Ratio Lower Upper
96 100
61 119.9 112.2 168.2
98 50.3 50.2 75.2





#13
Acrolein
Concen: 74.55 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

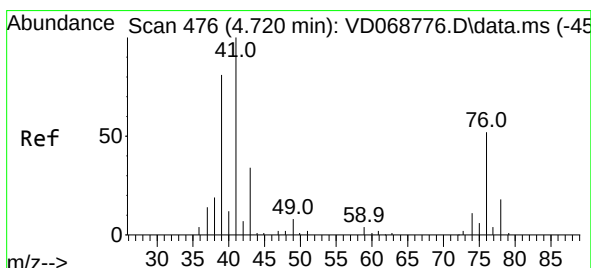
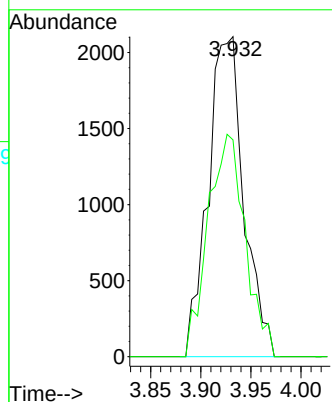
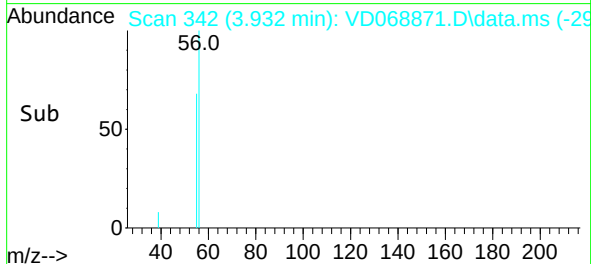
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



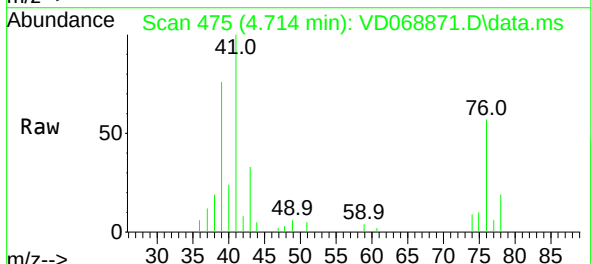
Tgt Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
55 72.7 54.7 82.1

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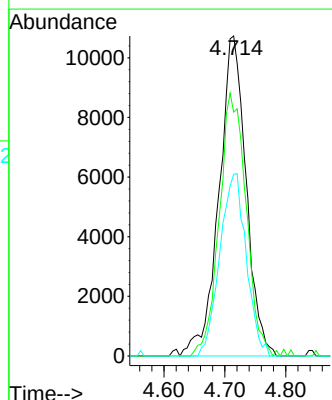
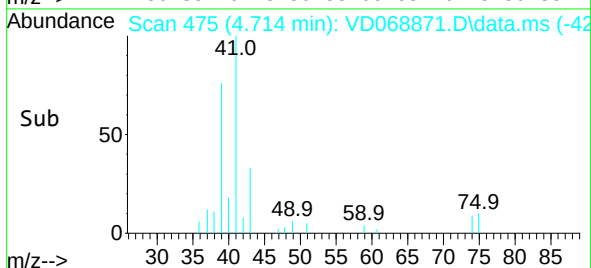
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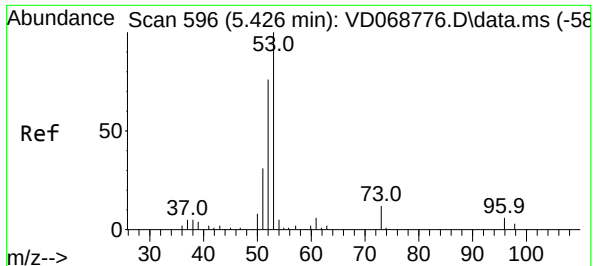


#14
Allyl chloride
Concen: 17.56 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

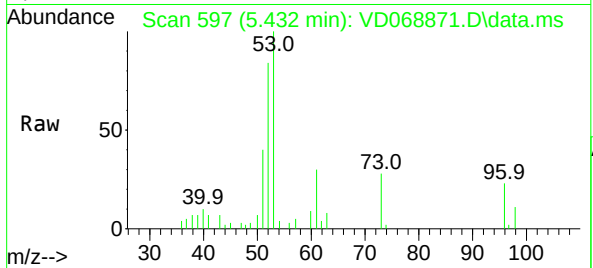


Tgt Ion: 41 Resp: 33256
Ion Ratio Lower Upper
41 100
39 80.9 60.6 91.0
76 55.4 40.4 60.6

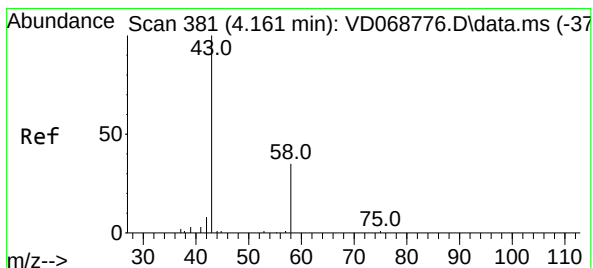
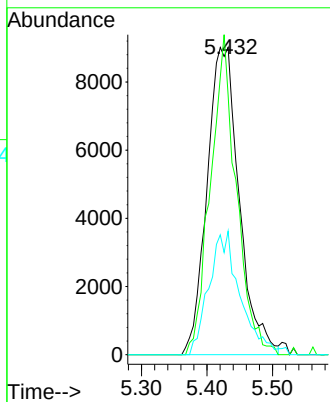
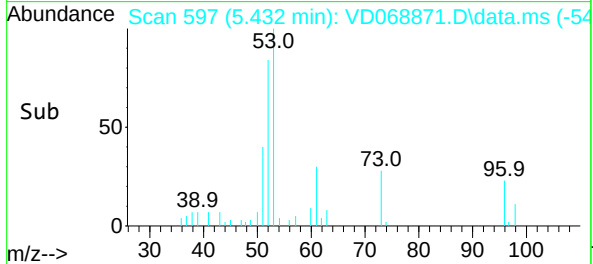




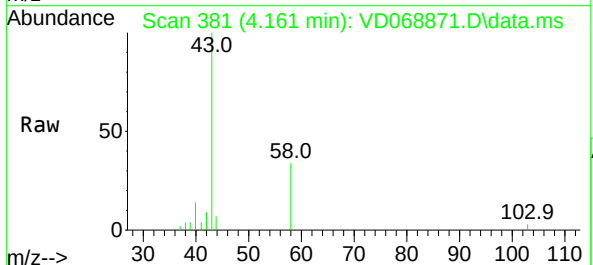
#15
Acrylonitrile
Concen: 87.69 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



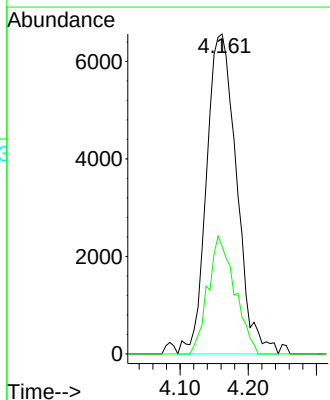
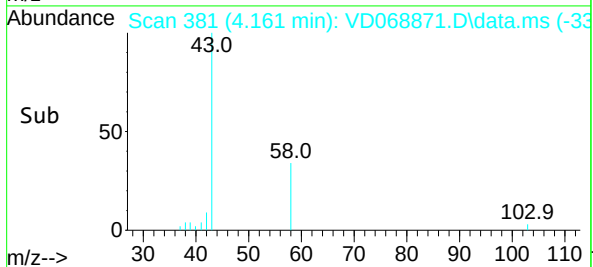
Tgt Ion: 53 Resp: 30719
Ion Ratio Lower Upper
53 100
52 83.9 63.3 94.9
51 39.2 28.3 42.5



#16
Acetone
Concen: 81.92 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



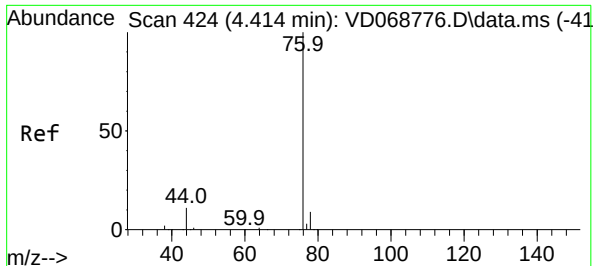
Tgt Ion: 43 Resp: 20123
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0



Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

Manual Integrations
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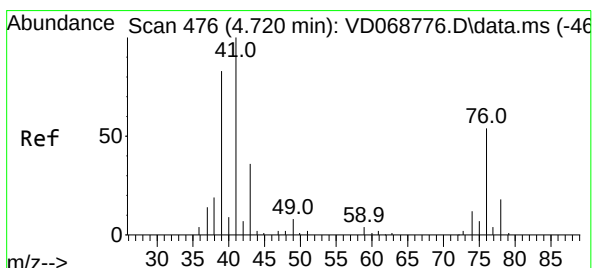
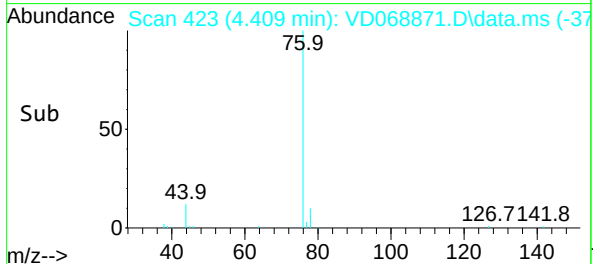
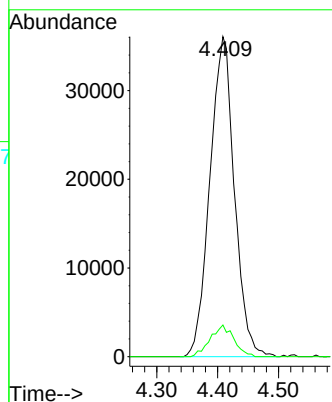
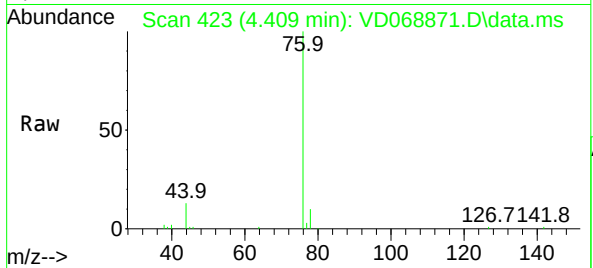
#17
Carbon Disulfide
Concen: 18.54 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 76 Resp: 100823
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

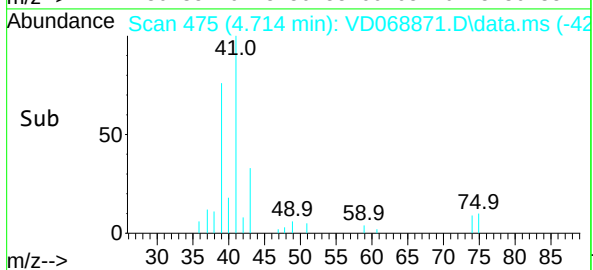
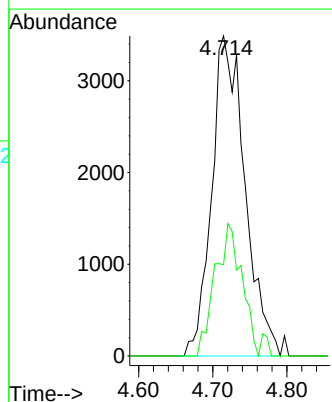
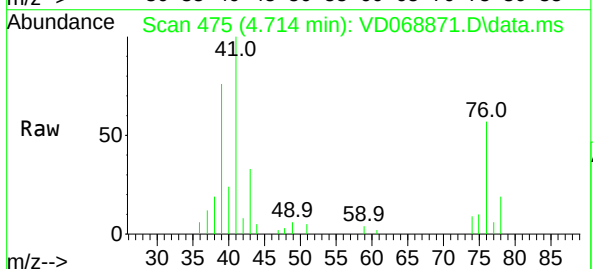
Manual Integrations
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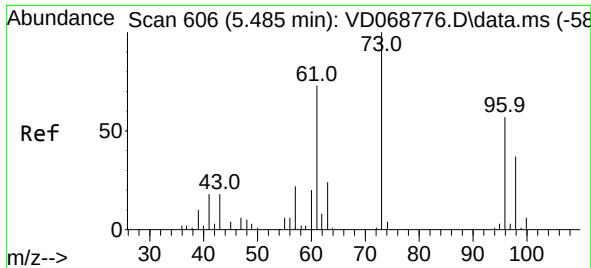
MMDadoda
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#18
Methyl Acetate
Concen: 16.06 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 43 Resp: 10840
Ion Ratio Lower Upper
43 100
74 33.2 25.4 38.2





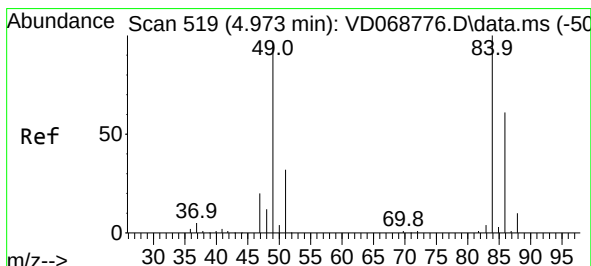
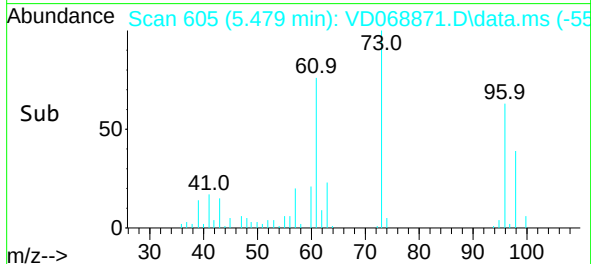
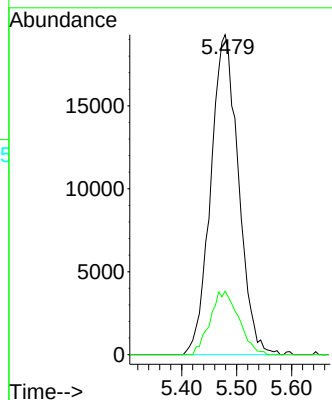
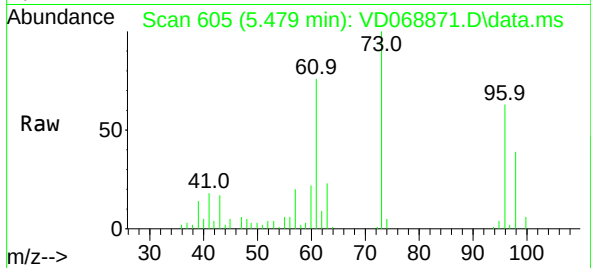
#19
Methyl tert-butyl Ether
Concen: 18.14 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 73 Resp: 67615
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

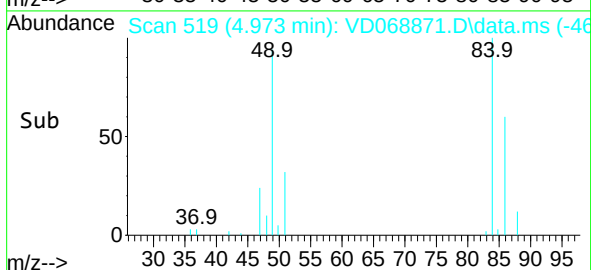
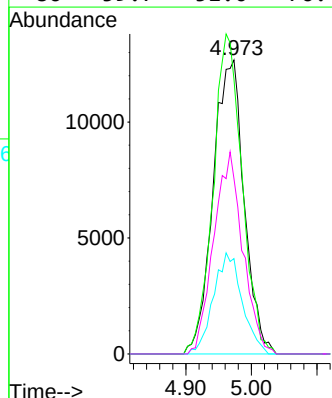
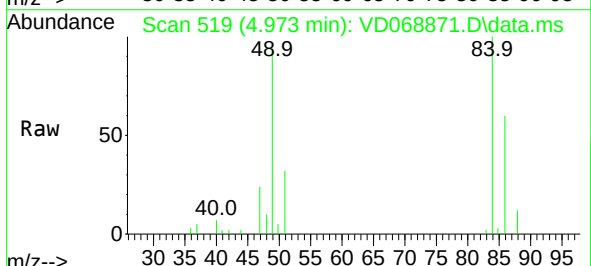
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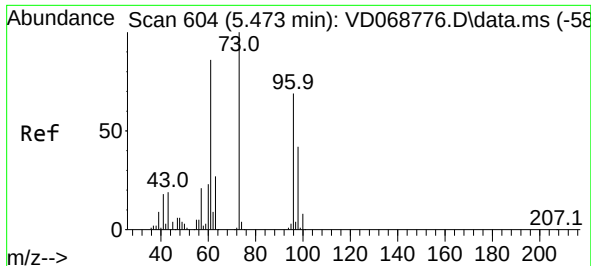
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#20
Methylene Chloride
Concen: 17.81 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

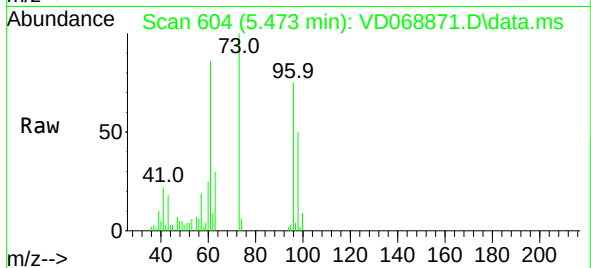
Tgt Ion: 84 Resp: 41608
Ion Ratio Lower Upper
84 100
49 93.5 83.4 125.0
51 32.4 23.4 35.2
86 59.7 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 19.82 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

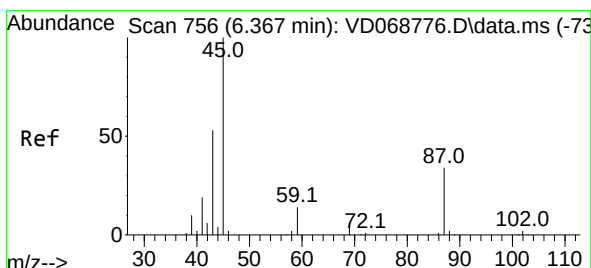
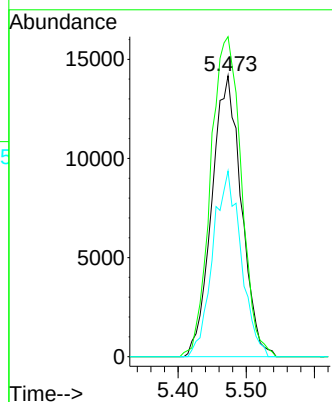
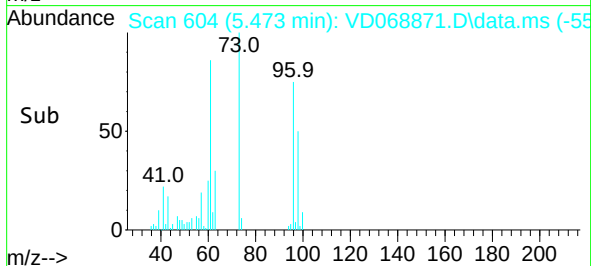
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



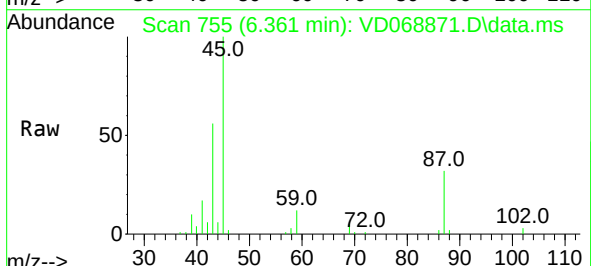
Tgt Ion: 96 Resp: 42762
Ion Ratio Lower Upper
96 100
61 113.9 91.8 137.6
98 66.1 49.3 73.9

Manual Integrations
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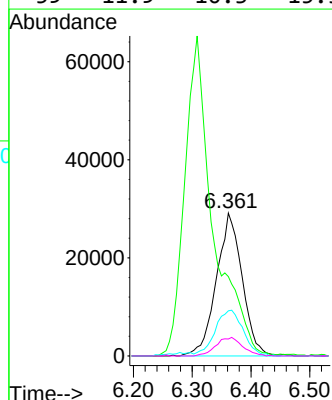
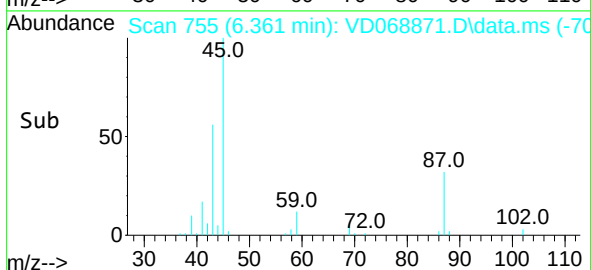
MMDadoda
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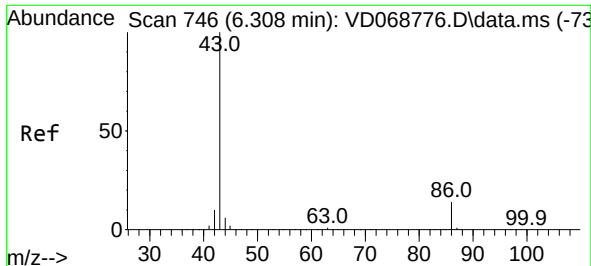


#22
Diisopropyl ether
Concen: 19.36 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



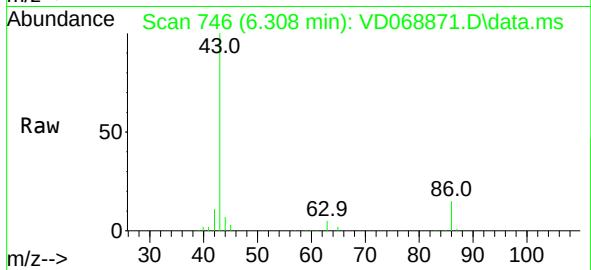
Tgt Ion: 45 Resp: 88806
Ion Ratio Lower Upper
45 100
43 54.2 41.8 62.8
87 31.6 29.2 43.8
59 11.9 10.3 15.5





#23
 Vinyl Acetate
 Concen: 89.92 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068871.D
 Acq: 16 Apr 2021 13:02

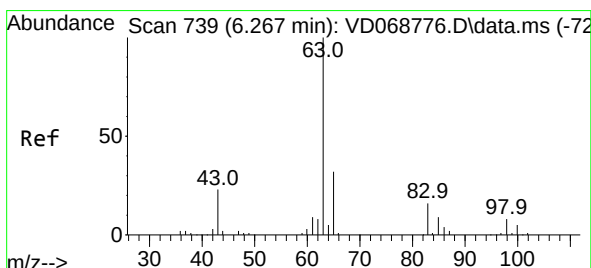
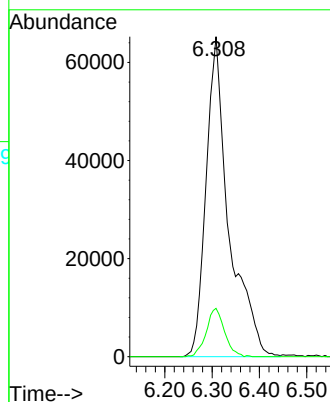
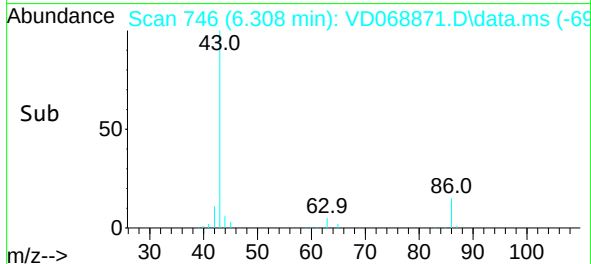
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS01



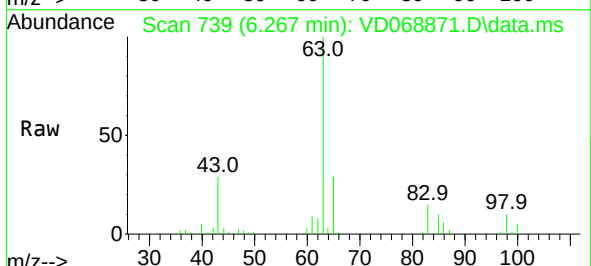
Tgt Ion: 43 Resp: 218637
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.0 16.6

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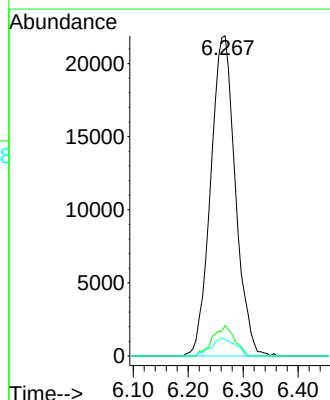
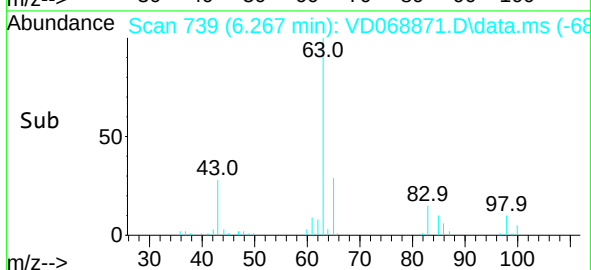
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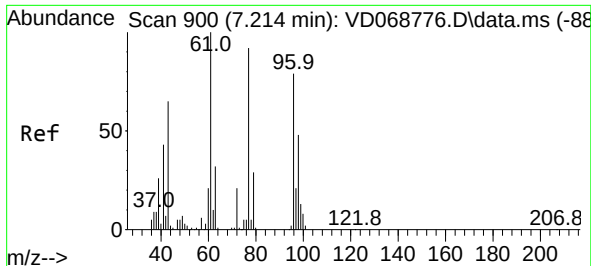


#24
 1,1-Dichloroethane
 Concen: 19.73 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD068871.D
 Acq: 16 Apr 2021 13:02



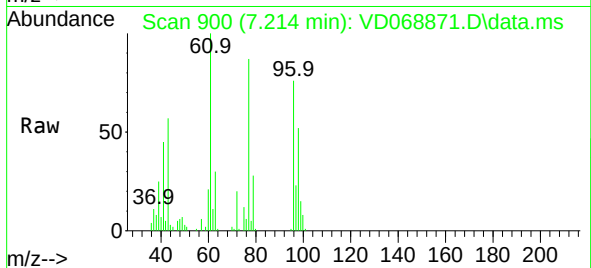
Tgt Ion: 63 Resp: 68264
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.8 11.2
 100 5.2 2.3 6.9





#25
2-Butanone
Concen: 94.65 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

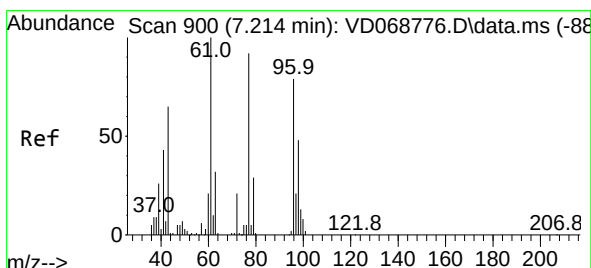
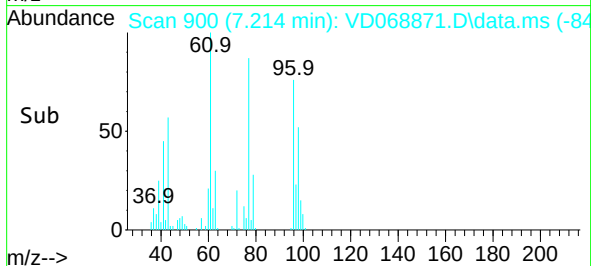
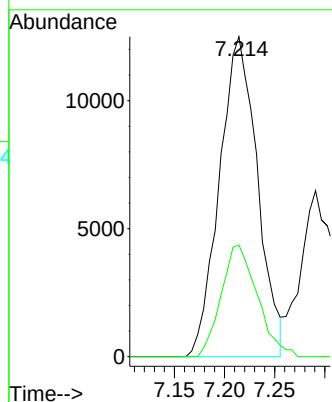
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



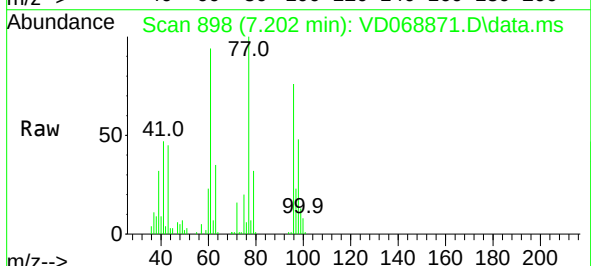
Tgt Ion: 43 Resp: 32903
Ion Ratio Lower Upper
43 100
72 34.9 28.6 43.0

Manual Integrations
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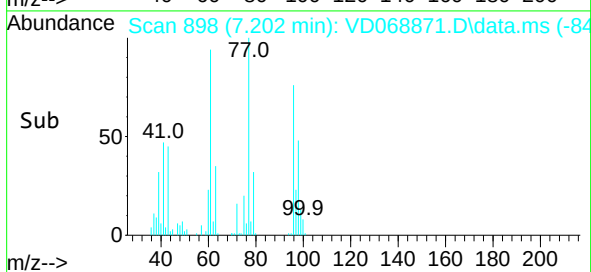
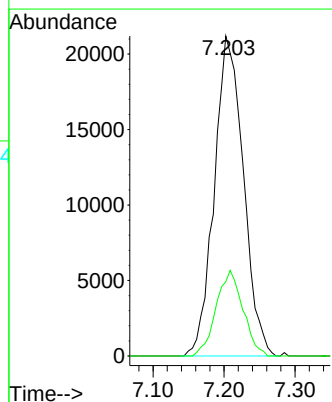
MMDadoda
4/19/2021 1:27:44 PM

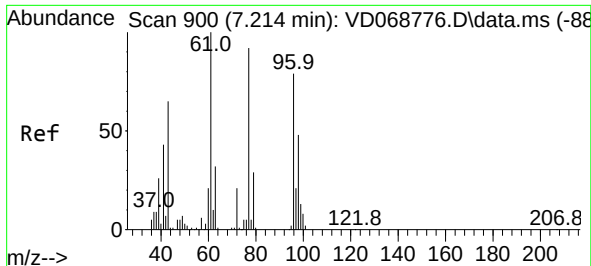


#26
2,2-Dichloropropane
Concen: 21.30 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



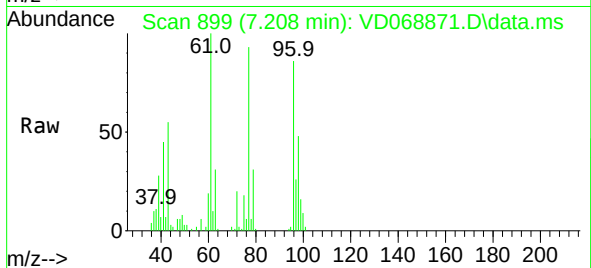
Tgt Ion: 77 Resp: 60197
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 22.38 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

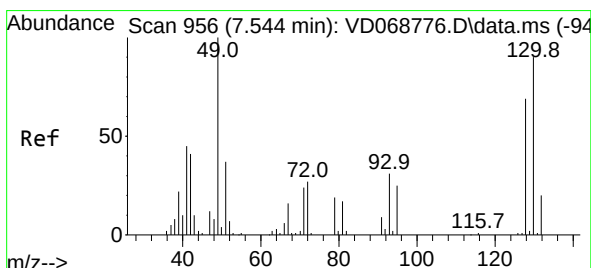
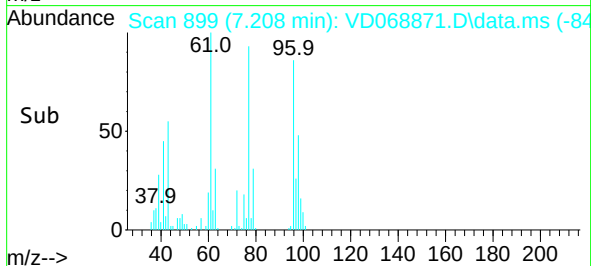
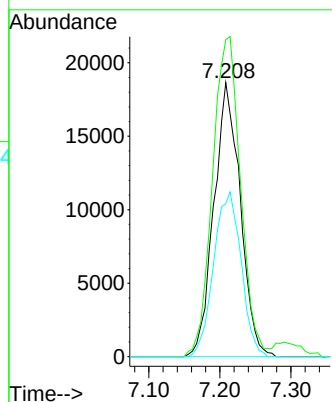
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



Tgt Ion:	96	Resp:	47995
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	258.8
98	62.5	0.0	128.4

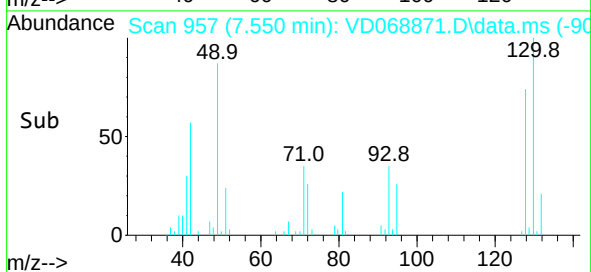
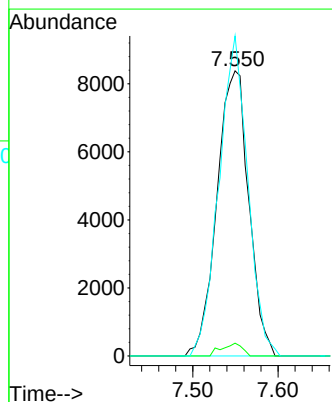
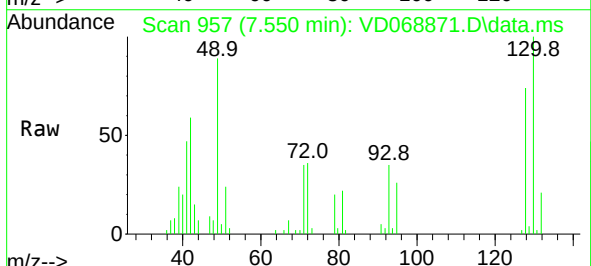
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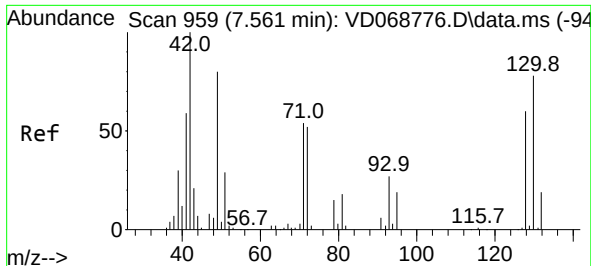
MMDadoda
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#28
Bromochloromethane
Concen: 17.39 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	49	Resp:	21711
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	102.1	74.6	112.0





#29

Tetrahydrofuran

Concen: 86.36 ug/l

RT: 7.555 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD068871.D

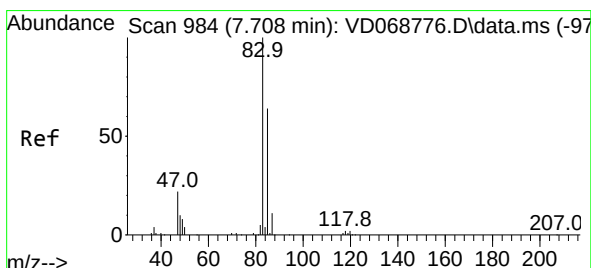
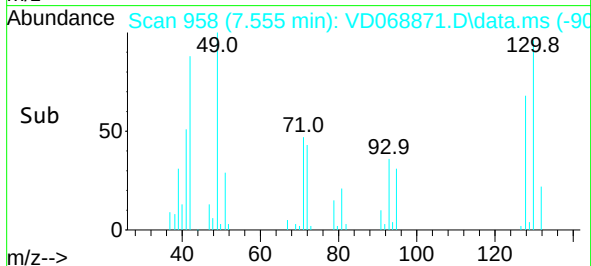
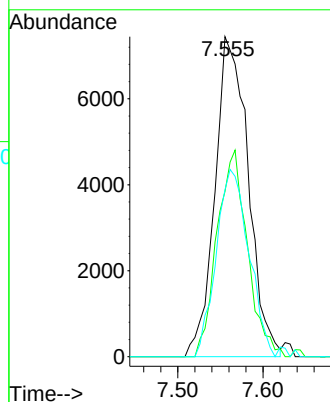
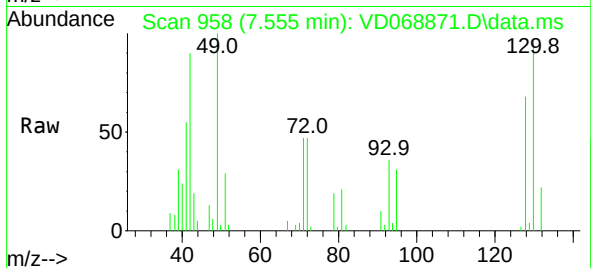
Acq: 16 Apr 2021 13:02

Tgt Ion:	42	Resp:	20189
Ion	Ratio	Lower	Upper
42	100		
72	59.1	45.2	67.8
71	57.5	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

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#30

Chloroform

Concen: 19.87 ug/l

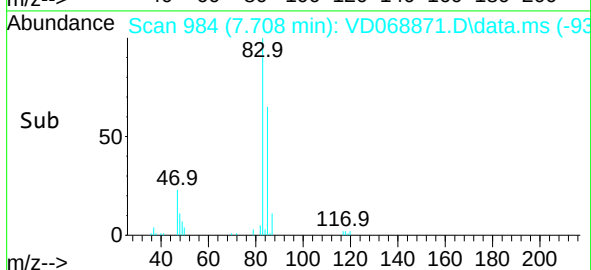
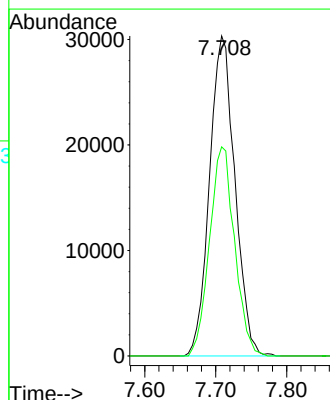
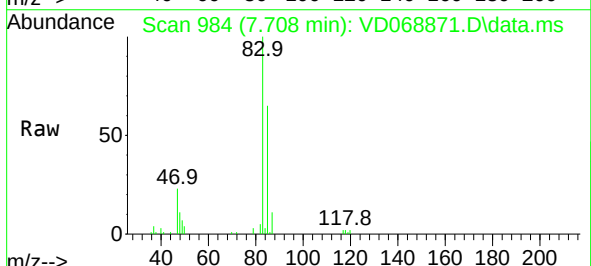
RT: 7.708 min Scan# 984

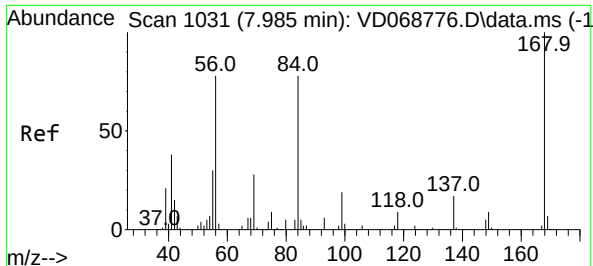
Delta R.T. 0.000 min

Lab File: VD068871.D

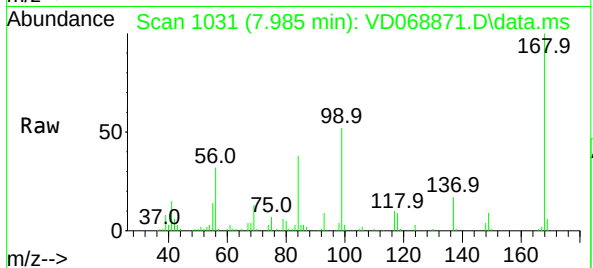
Acq: 16 Apr 2021 13:02

Tgt Ion:	83	Resp:	75242
Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.3	79.9

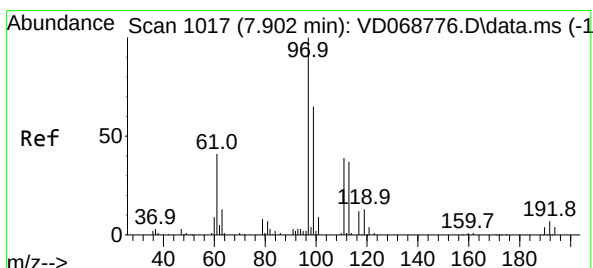
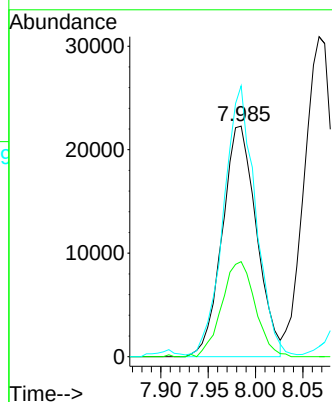
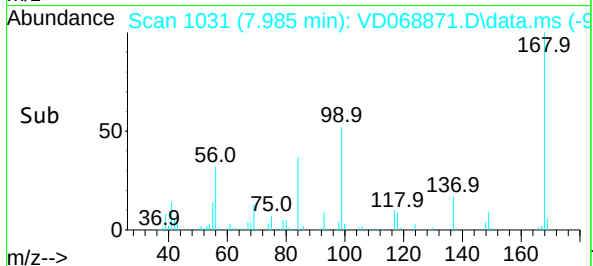




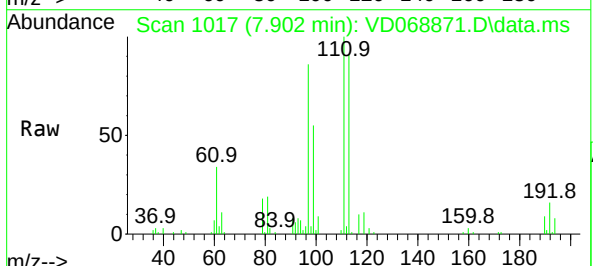
#31
Cyclohexane
Concen: 19.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



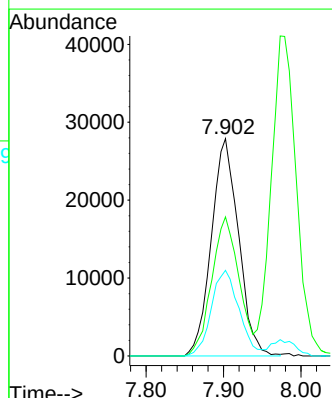
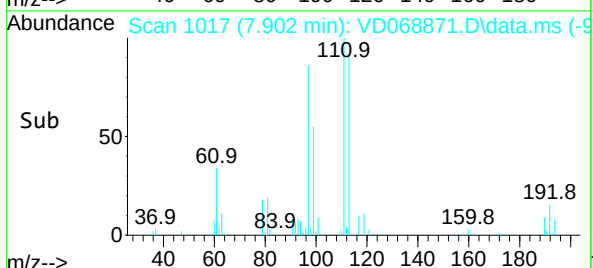
Tgt Ion: 56 Resp: 56106
Ion Ratio Lower Upper
56 100
69 41.2 30.0 45.0
84 116.3 82.0 123.0



#32
1,1,1-Trichloroethane
Concen: 20.55 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



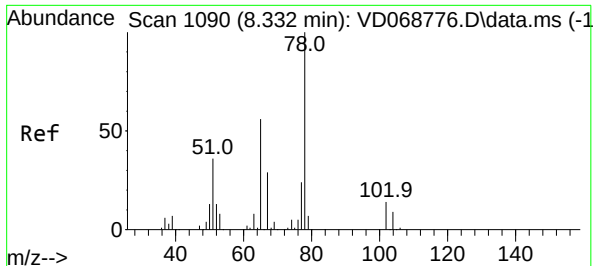
Tgt Ion: 97 Resp: 67993
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.2 33.7 50.5



Instrument :
MSVOA_D
ClientSampleId :
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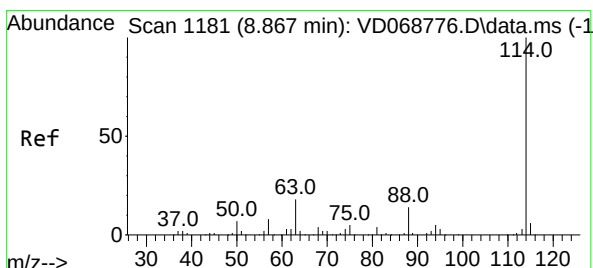
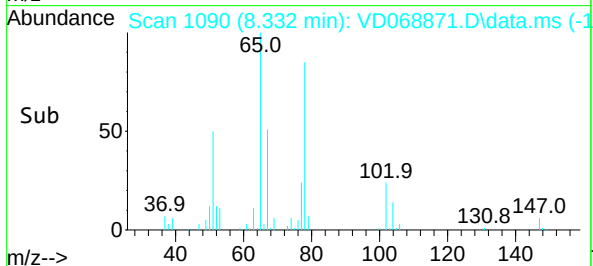
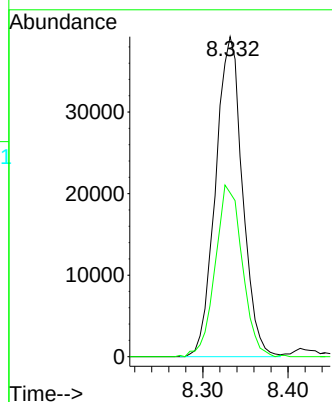
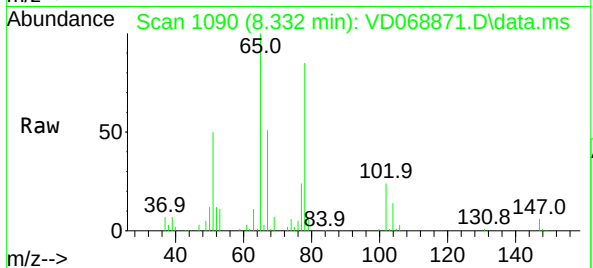
#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 65 Resp: 86176
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

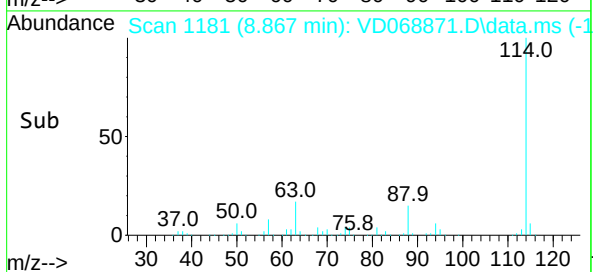
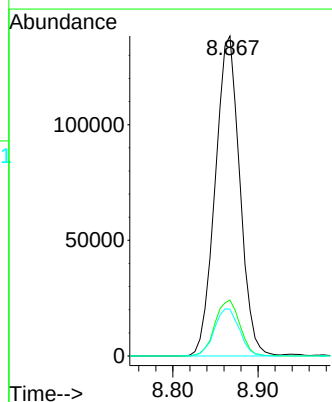
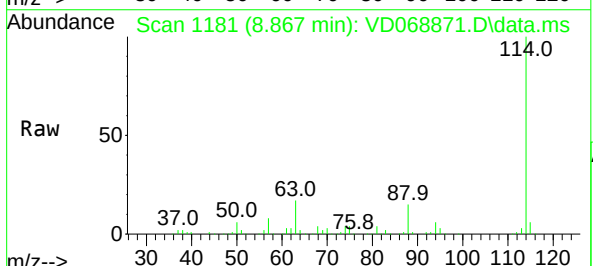
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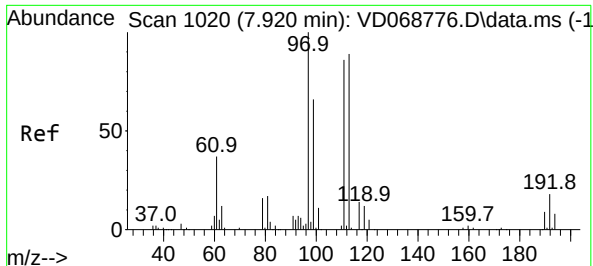
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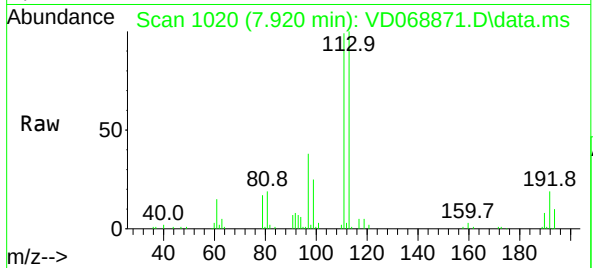
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 114 Resp: 277530
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 14.7 0.0 29.4

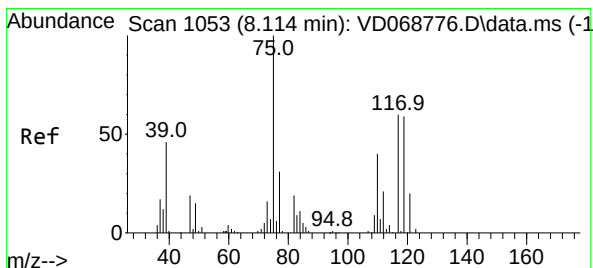
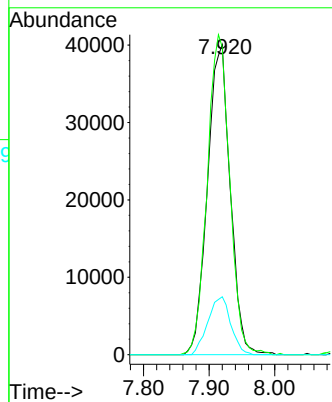
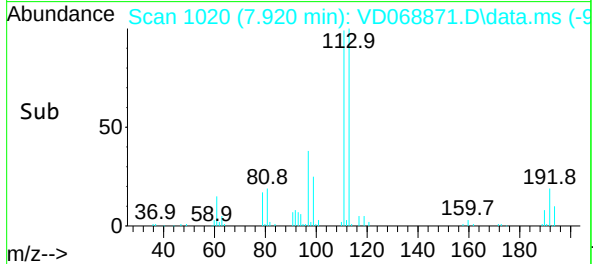




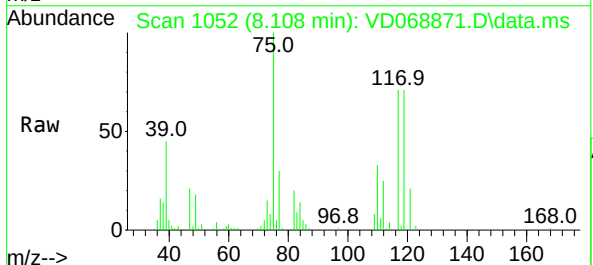
#35
Dibromofluoromethane
Concen: 53.50 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



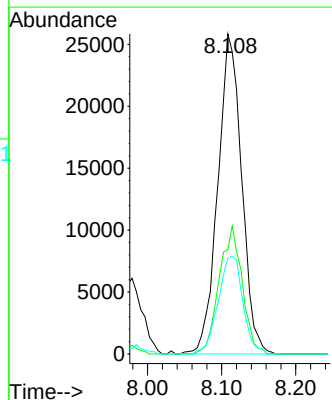
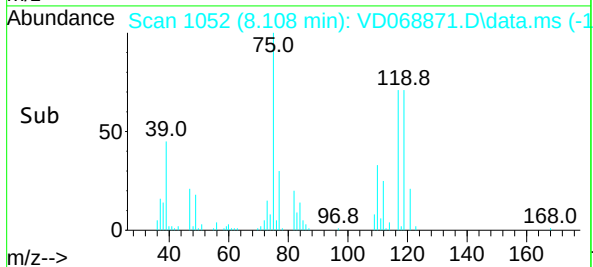
Tgt Ion: 113 Resp: 96573
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 20.54 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



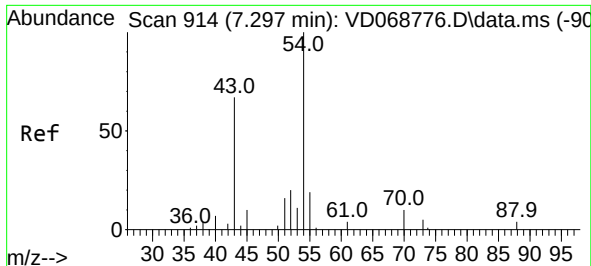
Tgt Ion: 75 Resp: 57714
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.4
77 31.7 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
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#37

Ethyl Acetate

Concen: 19.33 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068871.D

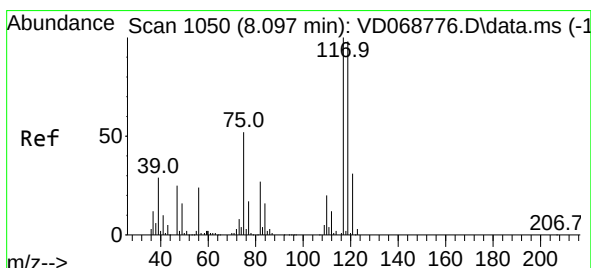
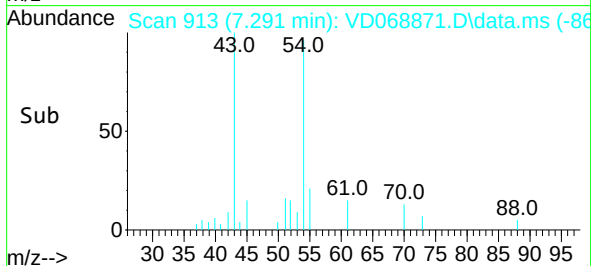
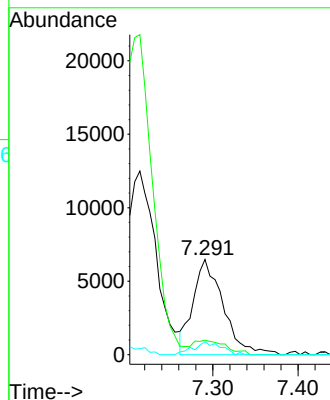
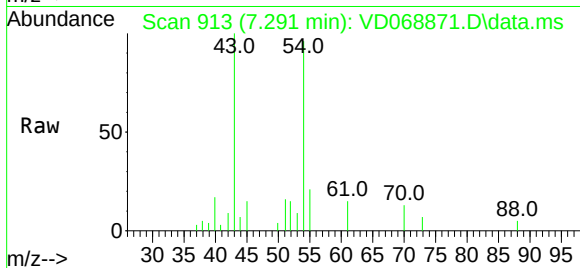
Acq: 16 Apr 2021 13:02

Tgt Ion: 43	Resp: 15949
Ion Ratio	Lower Upper
43 100	
61 17.0	14.2 21.4
70 12.3	9.4 14.0

Instrument :
MSVOA_D
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 21.49 ug/l

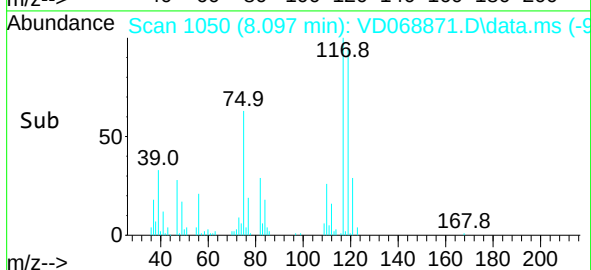
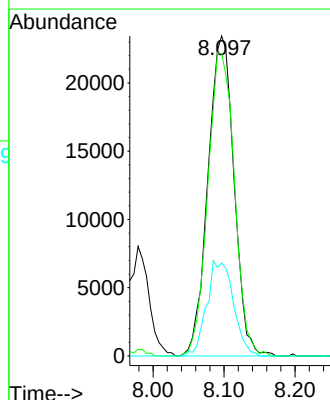
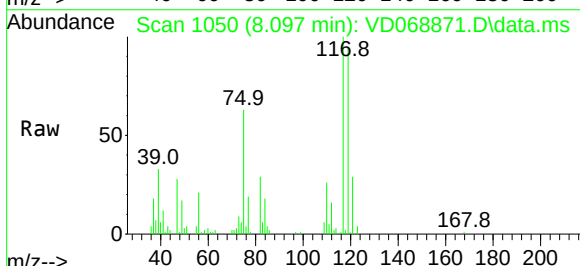
RT: 8.097 min Scan# 1050

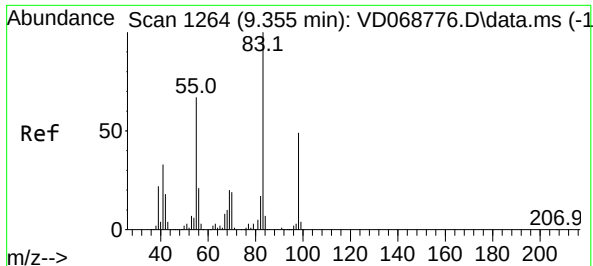
Delta R.T. -0.000 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

Tgt Ion: 117	Resp: 59778
Ion Ratio	Lower Upper
117 100	
119 94.4	76.6 115.0
121 29.0	26.1 39.1





#39

Methylcyclohexane

Concen: 20.27 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068871.D

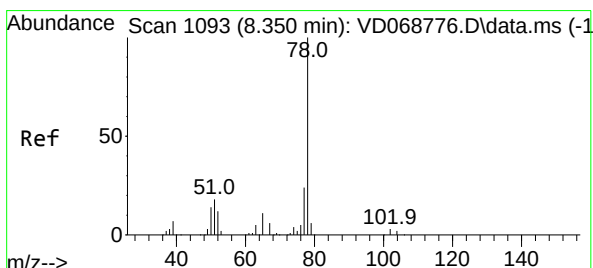
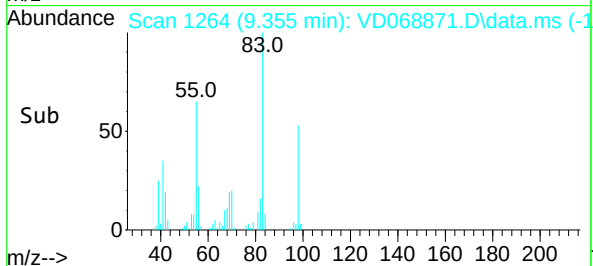
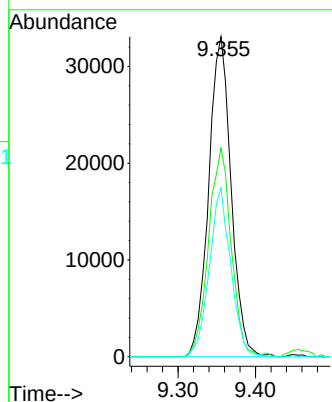
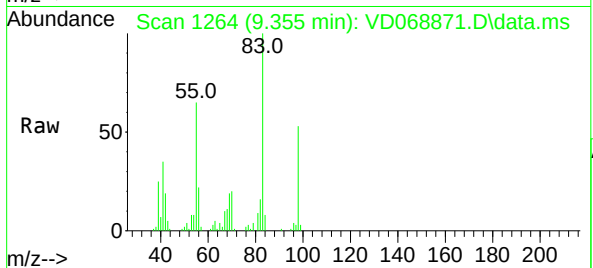
Acq: 16 Apr 2021 13:02

Tgt Ion:	83	Resp:	66403
Ion	Ratio	Lower	Upper
83	100		
55	65.2	51.7	77.5
98	52.8	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 20.55 ug/l

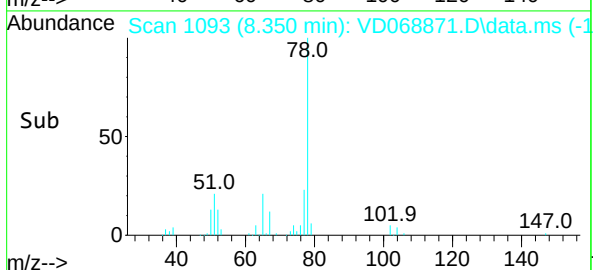
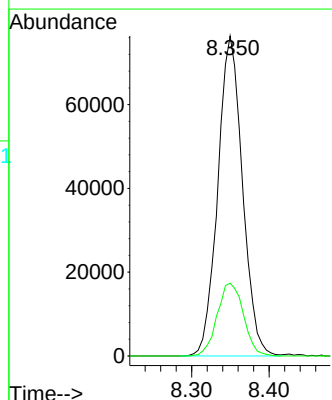
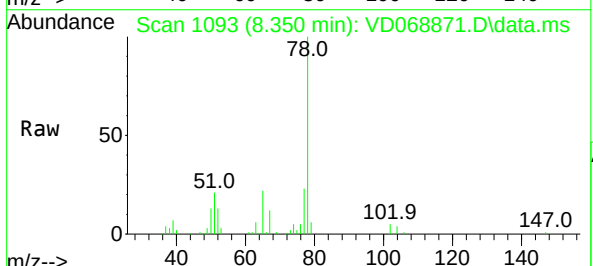
RT: 8.350 min Scan# 1093

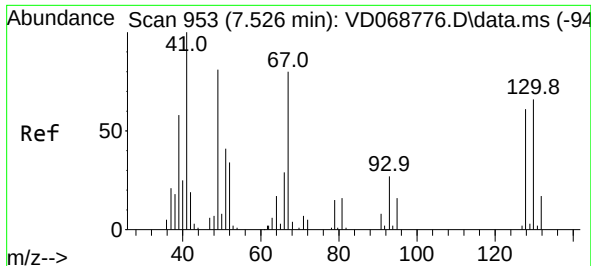
Delta R.T. -0.000 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

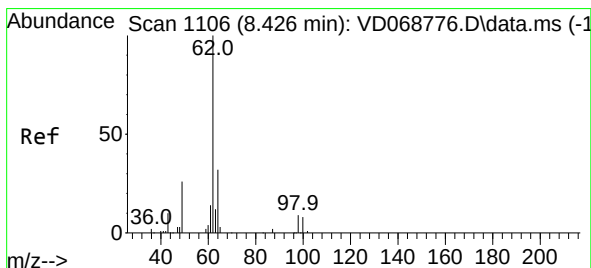
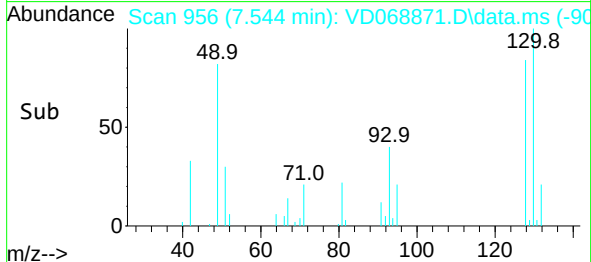
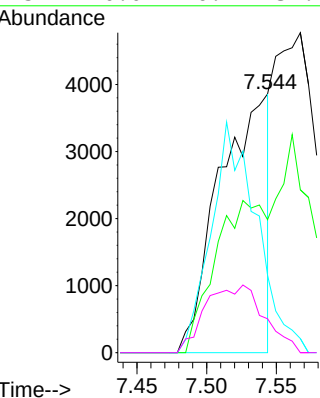
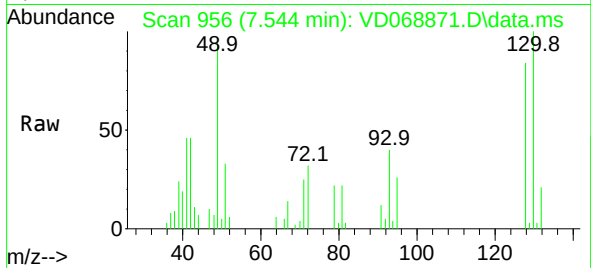
Tgt Ion:	78	Resp:	168936
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2





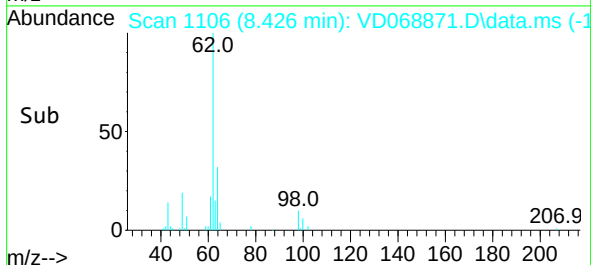
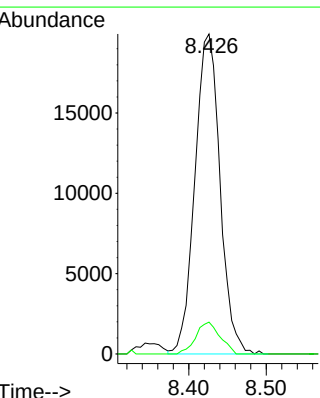
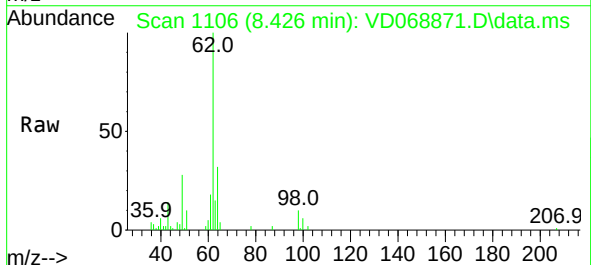
#41
Methacrylonitrile
Concen: 19.50 ug/l m
RT: 7.544 min Scan# 956
Delta R.T. 0.018 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 41 Resp: 9527
Ion Ratio Lower Upper
41 100
39 65.3 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 20.64 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

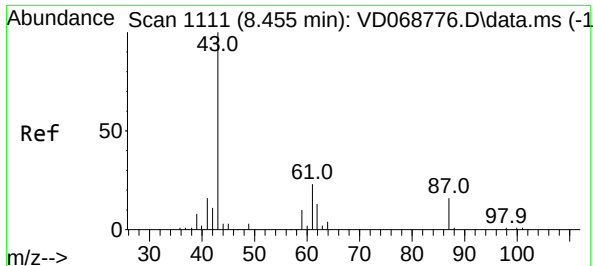
Tgt Ion: 62 Resp: 44855
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.6



Instrument :
MSVOA_D
ClientSampleId :
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#43

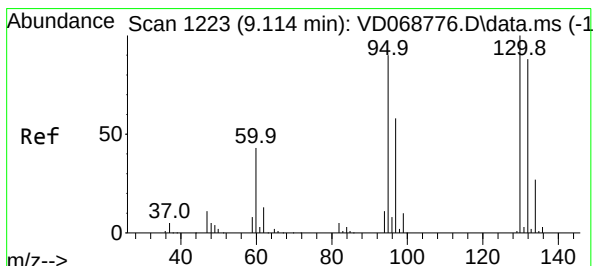
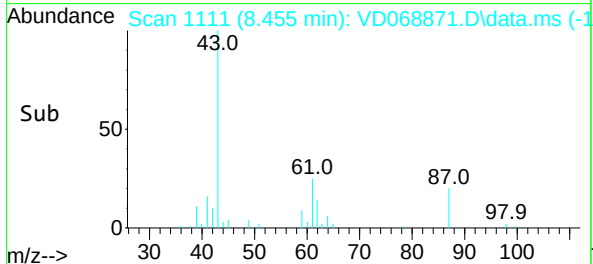
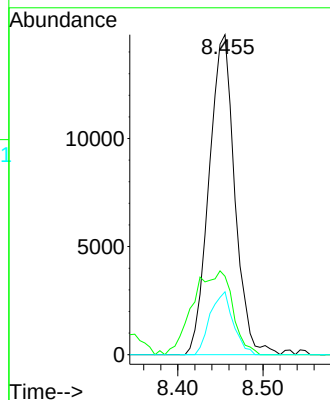
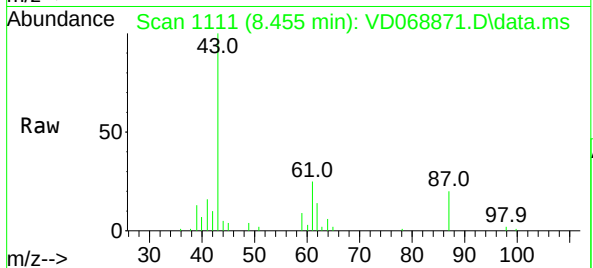
Isopropyl Acetate
Concen: 18.41 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	40.3	29.5	44.3
87	17.7	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

Manual Integrations
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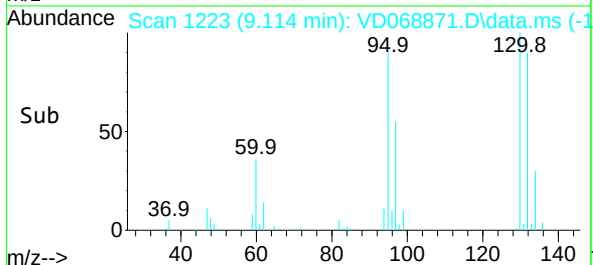
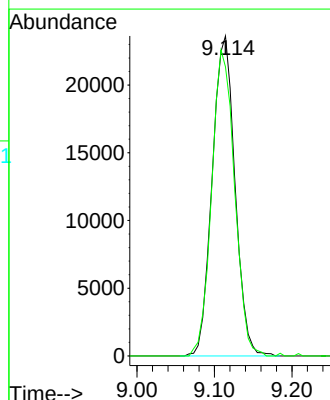
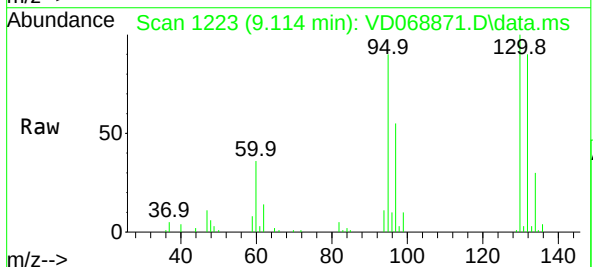
MMDadoda
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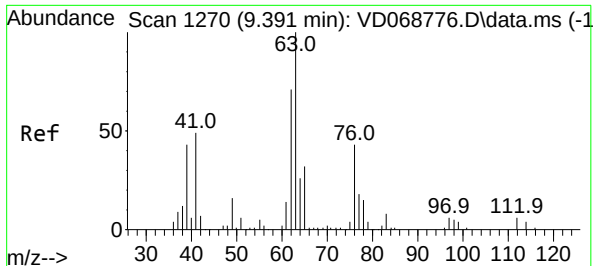


#44

Trichloroethene
Concen: 21.21 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	203.8





#45

1,2-Dichloropropane

Concen: 20.07 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VD068871.D

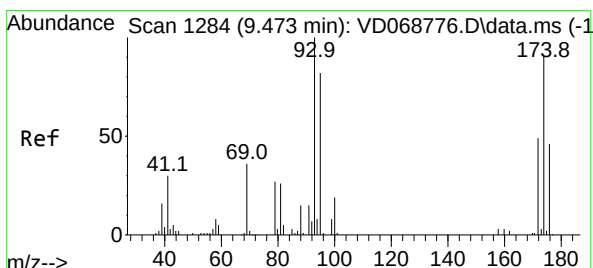
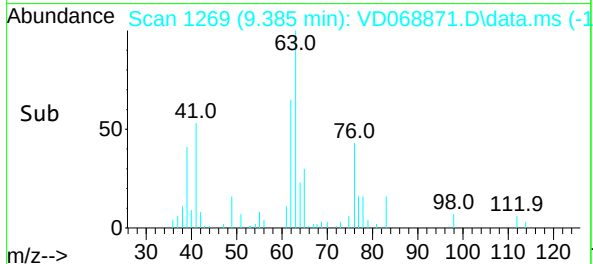
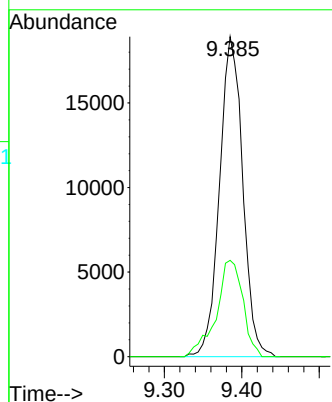
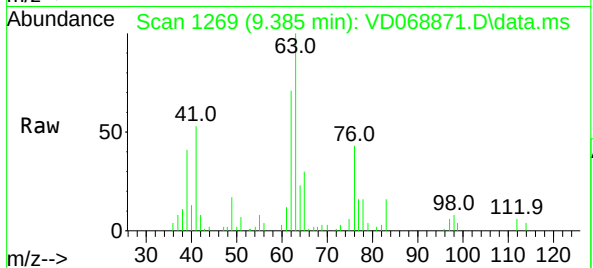
Acq: 16 Apr 2021 13:02

Tgt Ion: 63 Resp: 39410

Ion Ratio Lower Upper

63 100

65 30.1 27.0 40.4



#46

Dibromomethane

Concen: 20.18 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

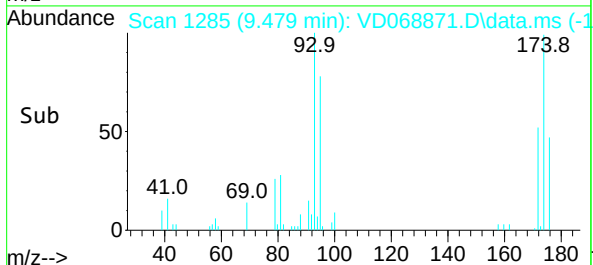
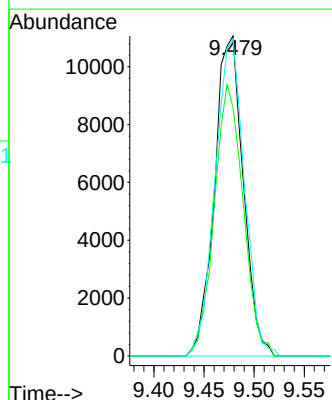
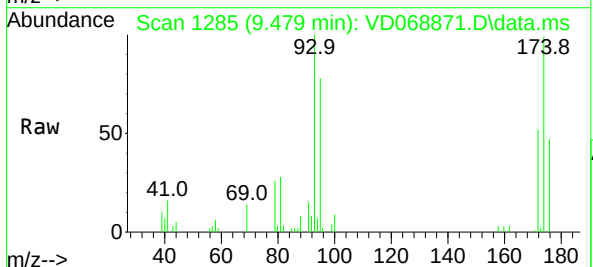
Tgt Ion: 93 Resp: 22068

Ion Ratio Lower Upper

93 100

95 85.1 64.5 96.7

174 101.1 75.3 112.9



Instrument :

MSVOA_D

ClientSampleId :

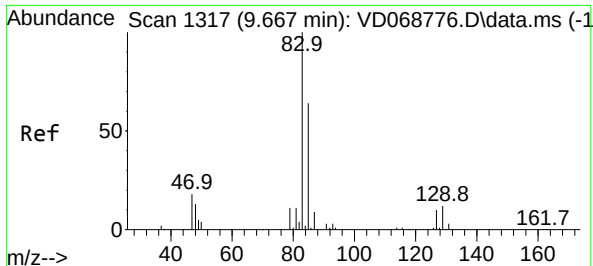
VD0416SBS01

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#47

Bromodichloromethane

Concen: 20.68 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

Tgt Ion:	83	Resp:	59082
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.0	76.6
127	9.1	7.1	10.7

Instrument :

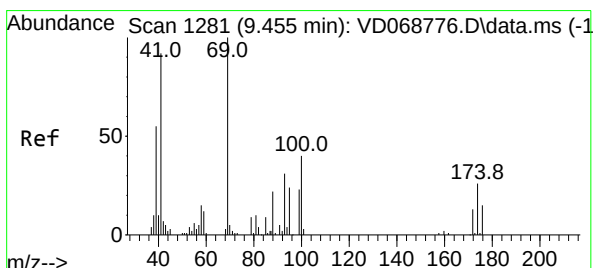
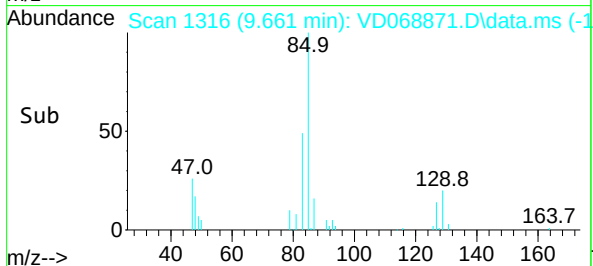
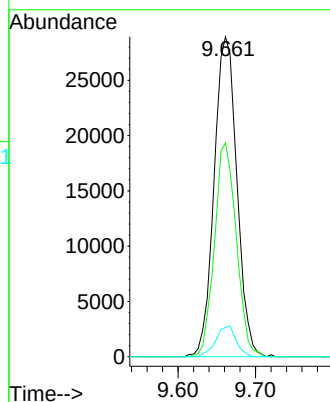
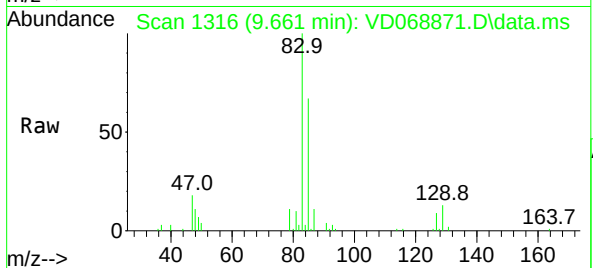
MSVOA_D

ClientSampleId :

VD0416SBS01

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.06 ug/l

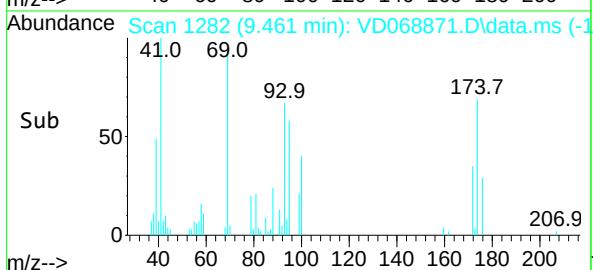
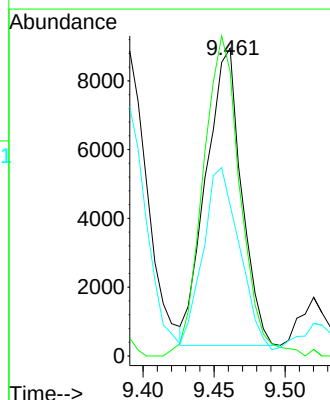
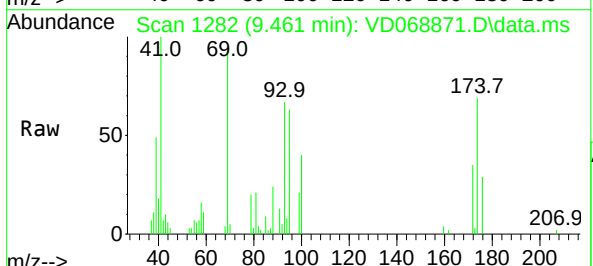
RT: 9.461 min Scan# 1282

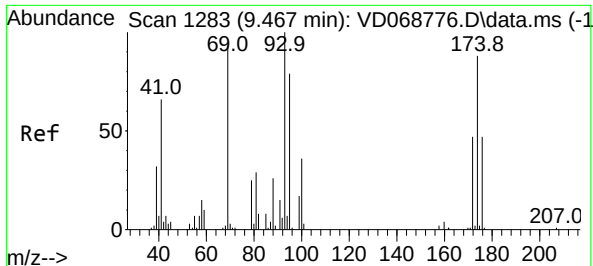
Delta R.T. 0.006 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

Tgt Ion:	41	Resp:	14966
Ion	Ratio	Lower	Upper
41	100		
69	113.9	83.0	124.6
39	63.2	47.0	70.6





#49

1,4-Dioxane

Concen: 404.40 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

Tgt Ion:	88	Resp:	4683
Ion	Ratio	Lower	Upper
88	100		
43	30.0	25.8	38.8
58	64.9	54.0	81.0

Instrument :

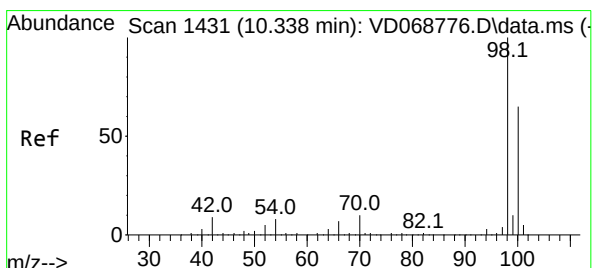
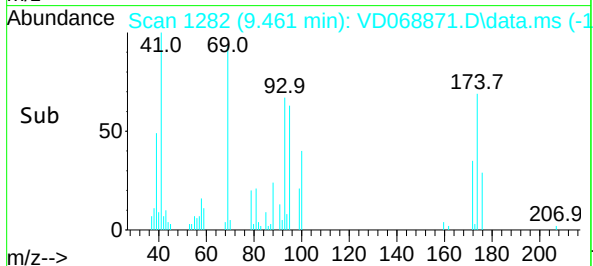
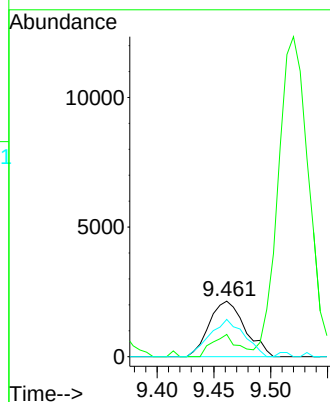
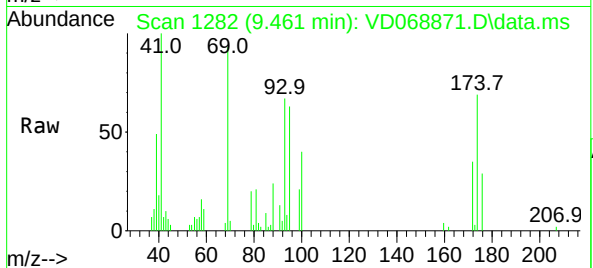
MSVOA_D

ClientSampleId :

VD0416SBS01

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#50

Toluene-d8

Concen: 53.63 ug/l

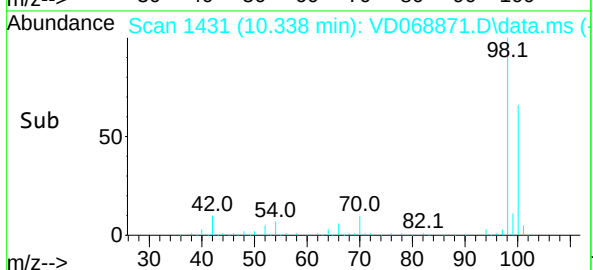
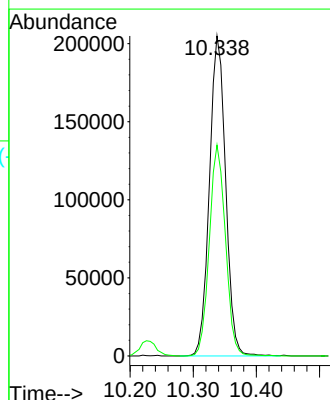
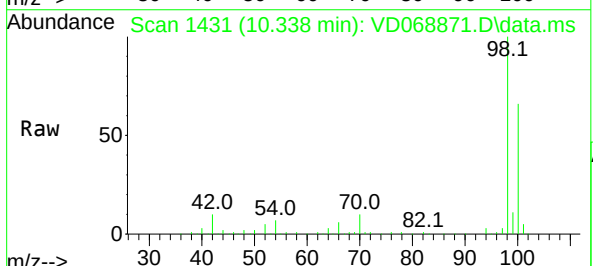
RT: 10.338 min Scan# 1431

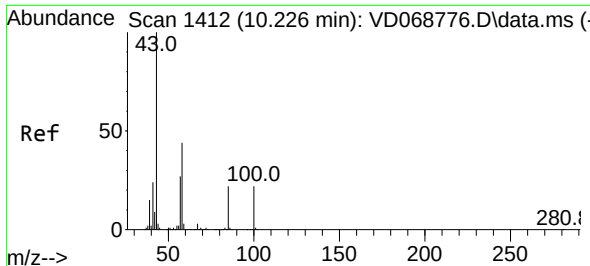
Delta R.T. -0.000 min

Lab File: VD068871.D

Acq: 16 Apr 2021 13:02

Tgt Ion:	98	Resp:	365242
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.6





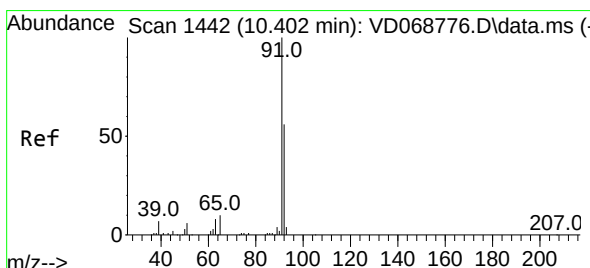
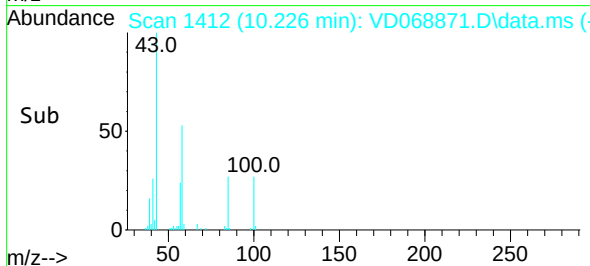
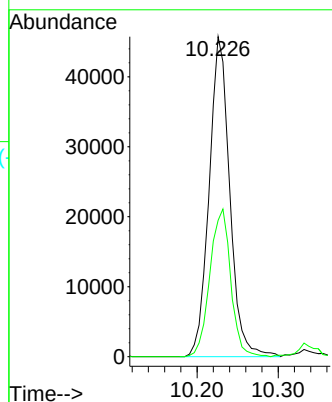
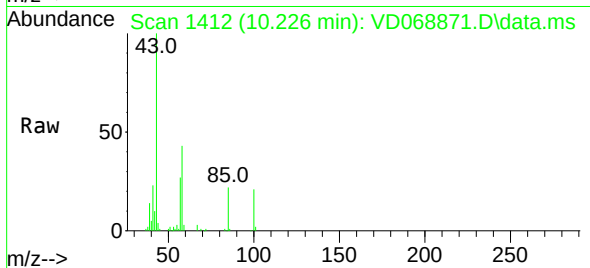
#51
4-Methyl-2-Pentanone
Concen: 95.20 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 43 Resp: 80709
Ion Ratio Lower Upper
43 100
58 46.6 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

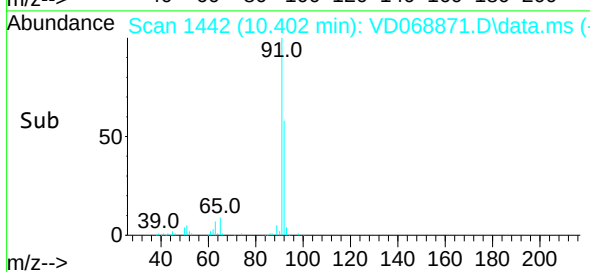
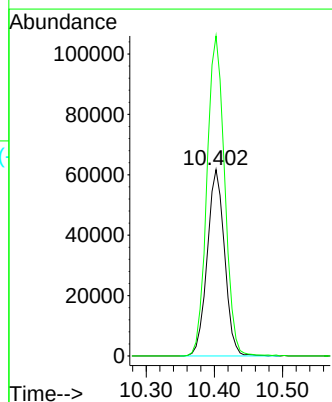
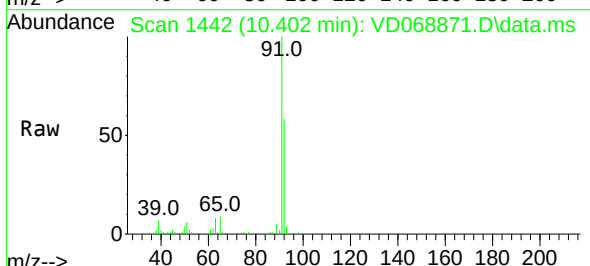
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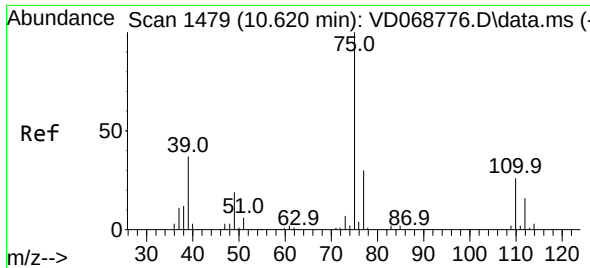
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#52
Toluene
Concen: 21.01 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 92 Resp: 109353
Ion Ratio Lower Upper
92 100
91 175.5 139.1 208.7





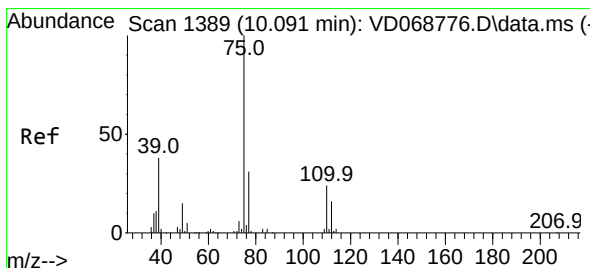
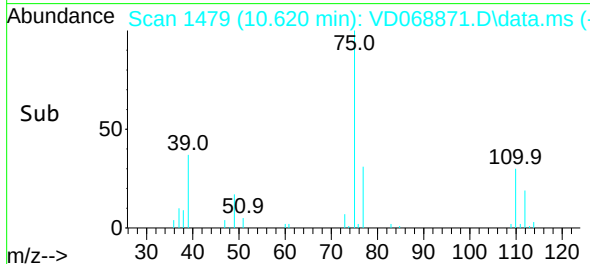
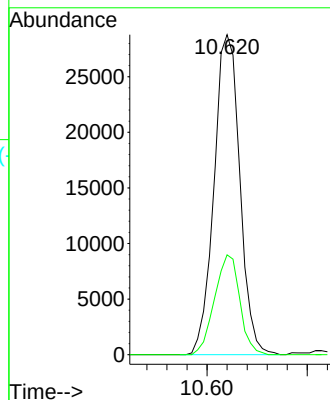
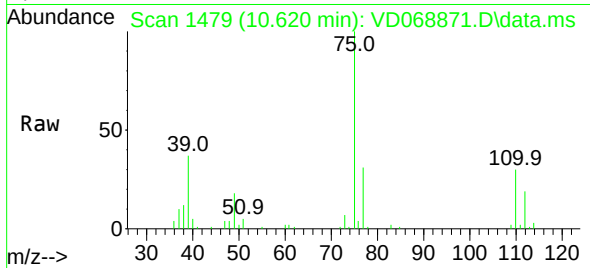
#53
t-1,3-Dichloropropene
Concen: 20.30 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 75 Resp: 51415
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

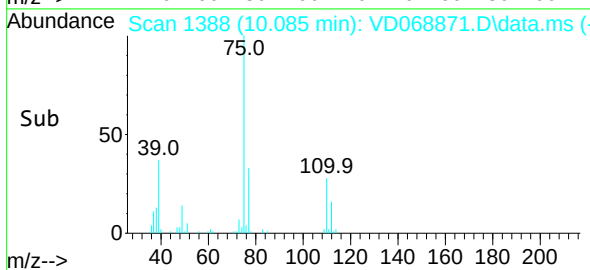
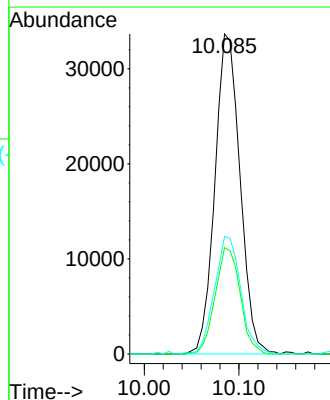
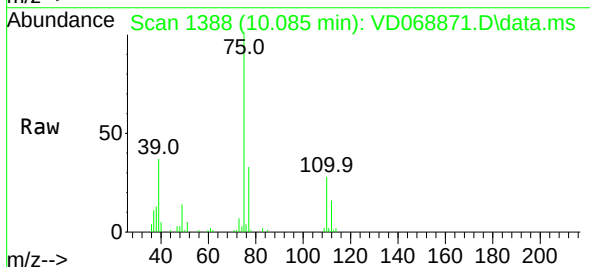
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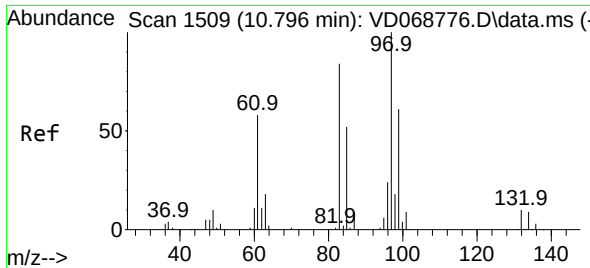
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.51 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 75 Resp: 62143
Ion Ratio Lower Upper
75 100
77 33.2 24.7 37.1
39 36.7 30.2 45.2





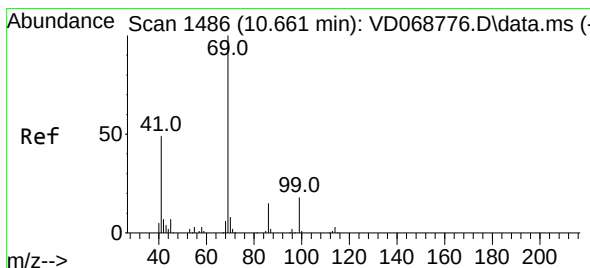
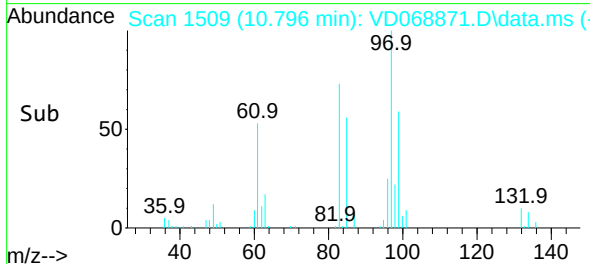
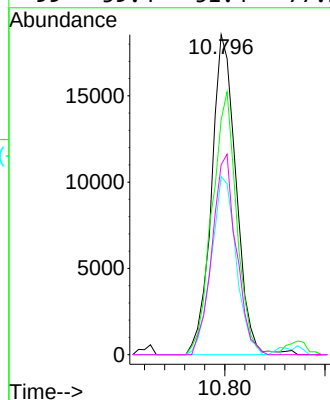
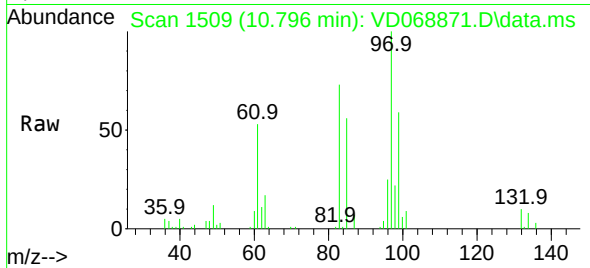
#55
1,1,2-Trichloroethane
Concen: 20.31 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	97	Resp:	31410
Ion	Ratio	Lower	Upper
97	100		
83	73.4	65.7	98.5
85	55.6	44.3	66.5
99	59.4	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

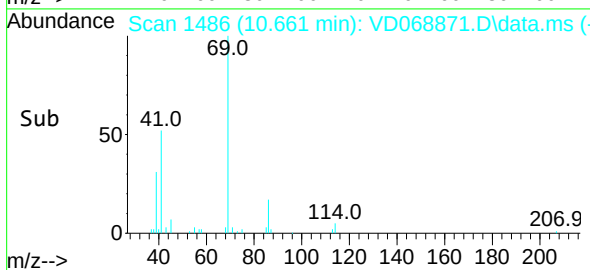
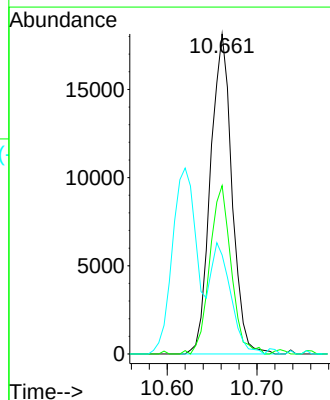
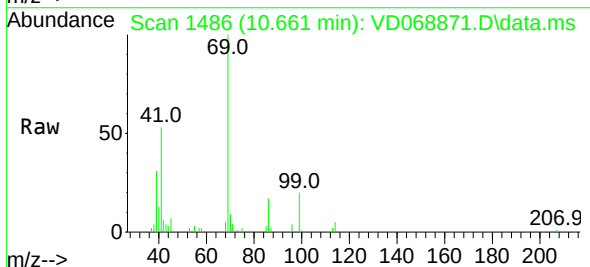
Manual Integrations
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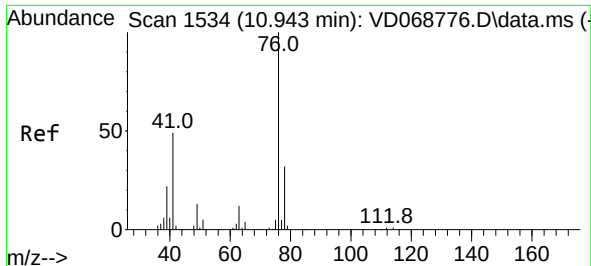
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#56
Ethyl methacrylate
Concen: 18.92 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	69	Resp:	30115
Ion	Ratio	Lower	Upper
69	100		
41	52.7	42.2	63.4
39	31.6	24.2	36.2





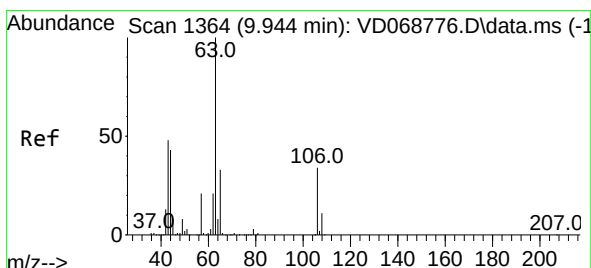
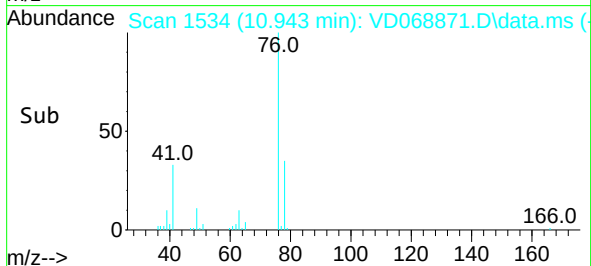
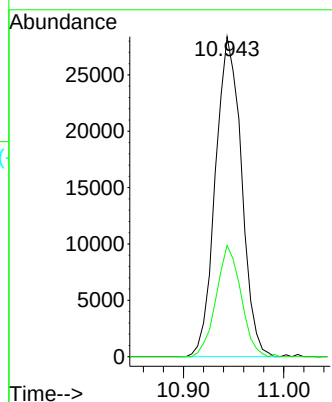
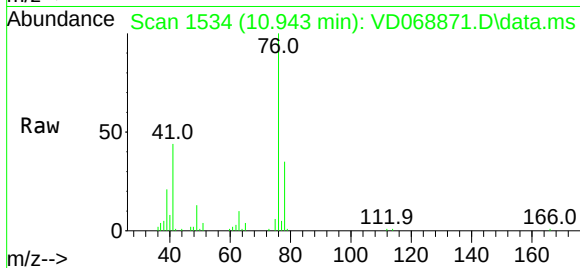
#57
1,3-Dichloropropane
Concen: 20.10 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 76 Resp: 51193
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

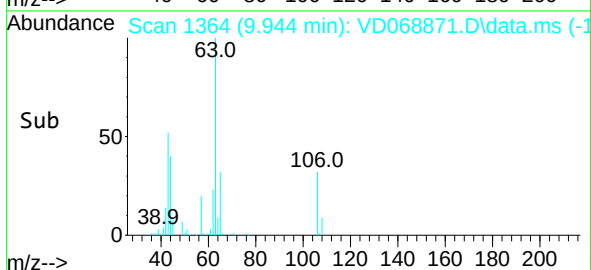
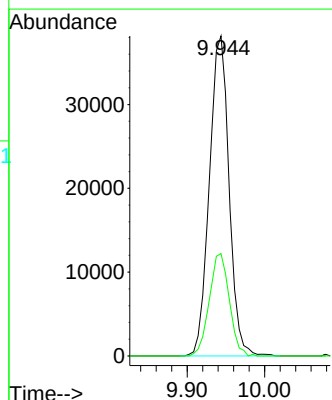
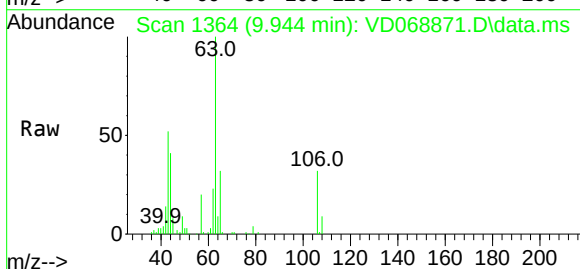
Manual Integrations
APPROVED

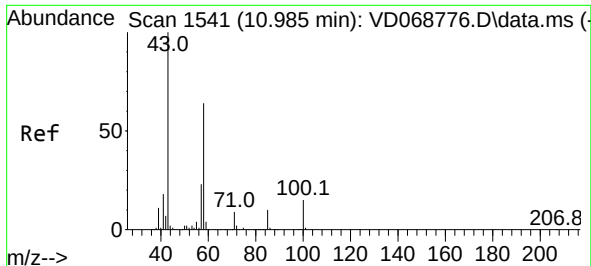
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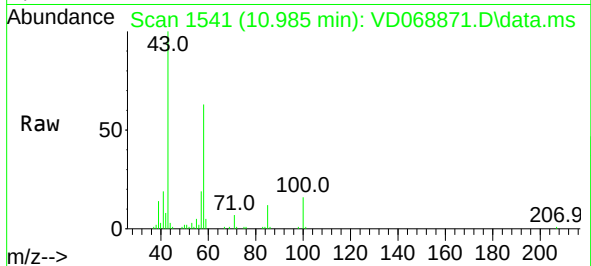
#58
2-Chloroethyl Vinyl ether
Concen: 91.12 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 63 Resp: 67411
Ion Ratio Lower Upper
63 100
106 32.4 24.6 36.8

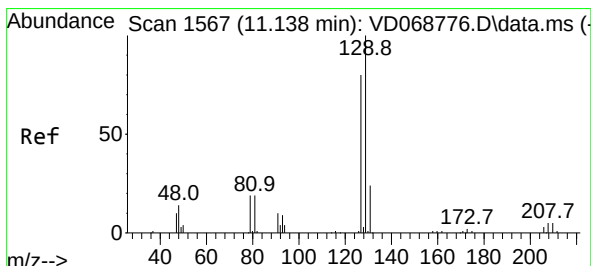
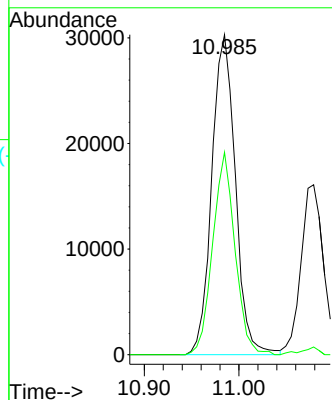
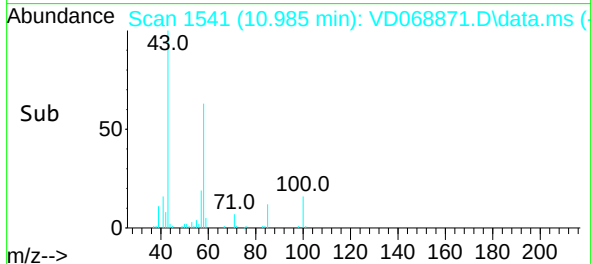




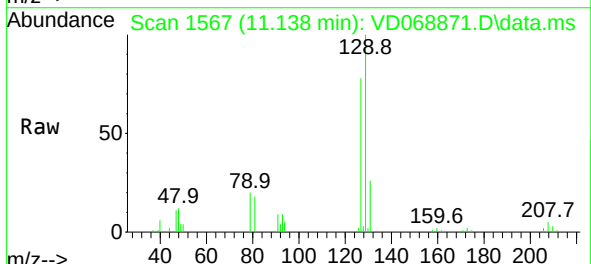
#59
2-Hexanone
Concen: 92.45 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



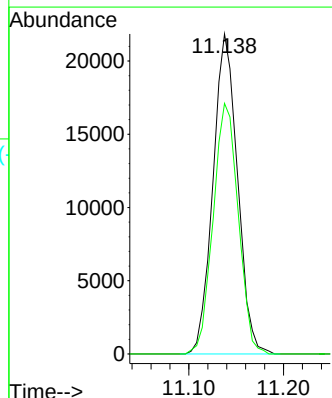
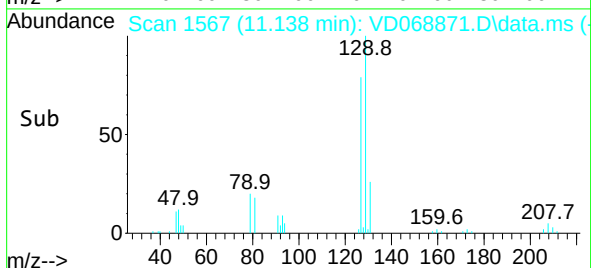
Tgt Ion: 43 Resp: 52445
Ion Ratio Lower Upper
43 100
58 59.9 31.3 93.8



#60
Dibromochloromethane
Concen: 20.31 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



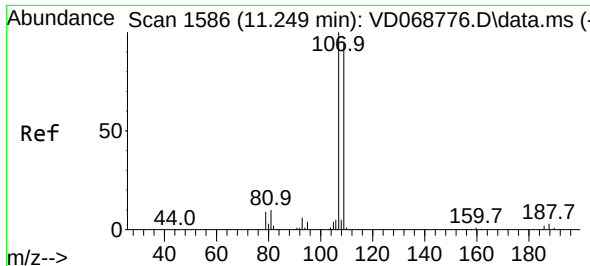
Tgt Ion: 129 Resp: 39380
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.3



Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

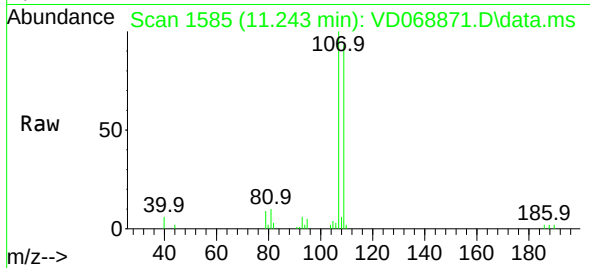
Manual Integrations
APPROVED

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4/19/2021 1:27:44 PM



#61
1,2-Dibromoethane
Concen: 19.55 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

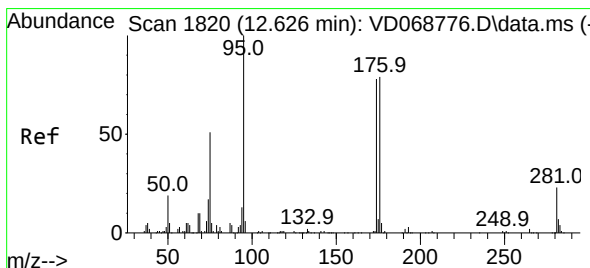
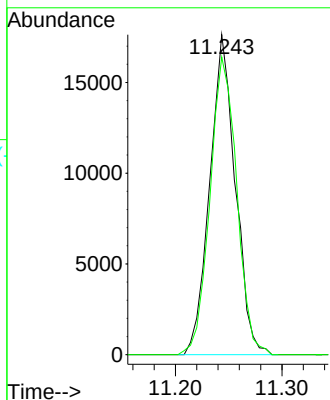
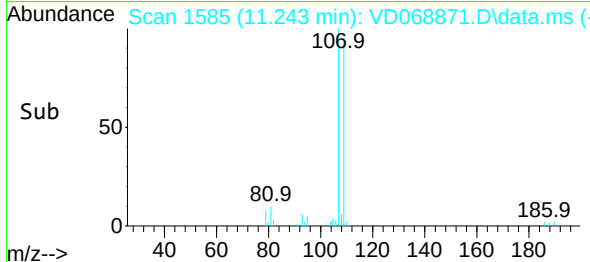
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



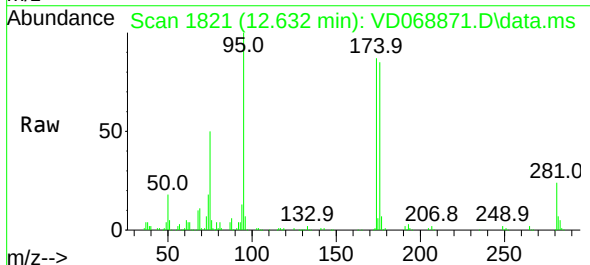
Tgt Ion:107 Resp: 29380
Ion Ratio Lower Upper
107 100
109 97.2 74.9 112.3

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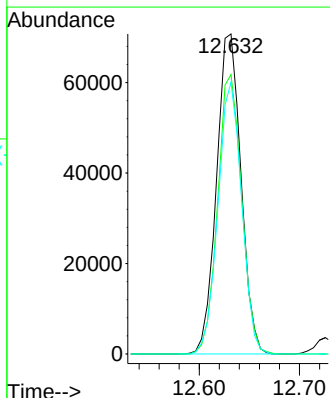
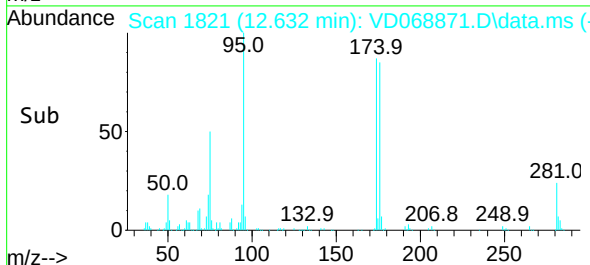
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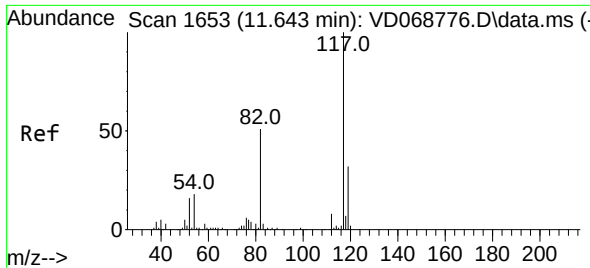


#62
4-Bromofluorobenzene
Concen: 52.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



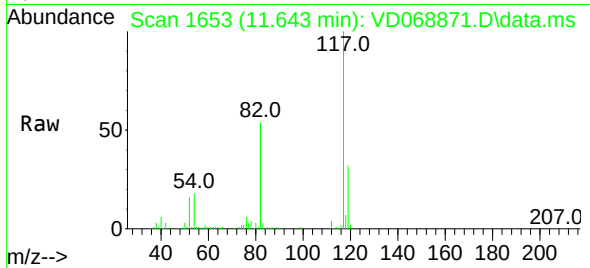
Tgt Ion: 95 Resp: 119629
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 82.2 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

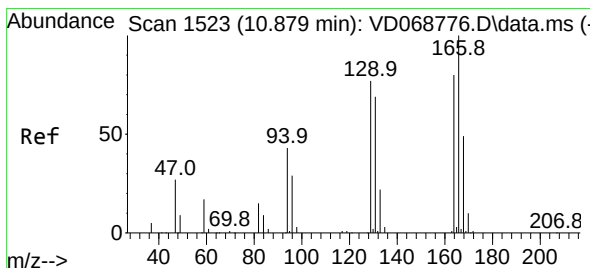
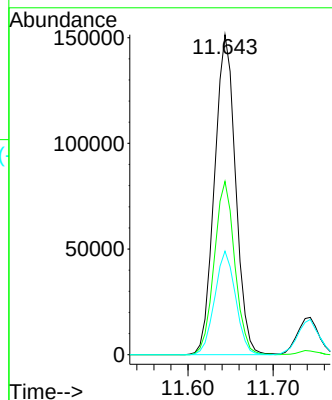
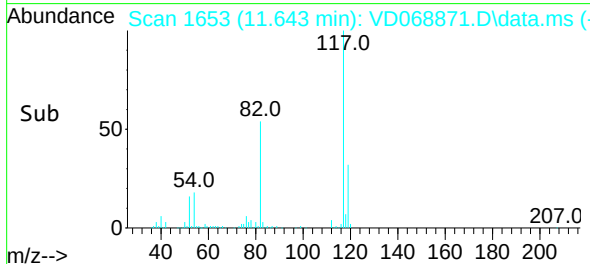
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



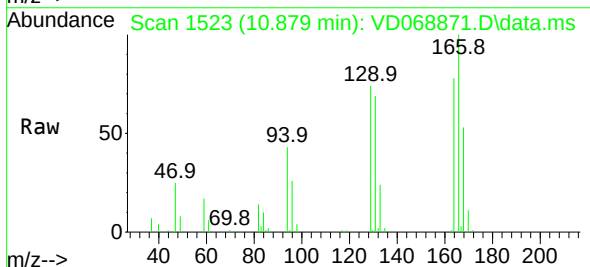
Tgt Ion:117 Resp: 259657
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 32.4 26.7 40.1

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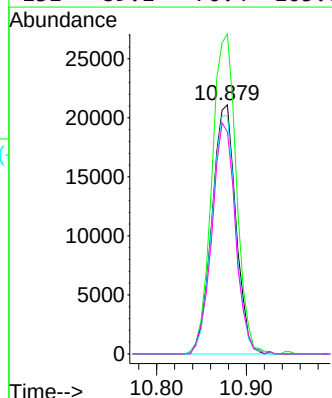
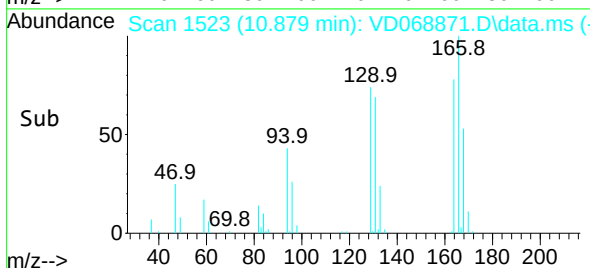
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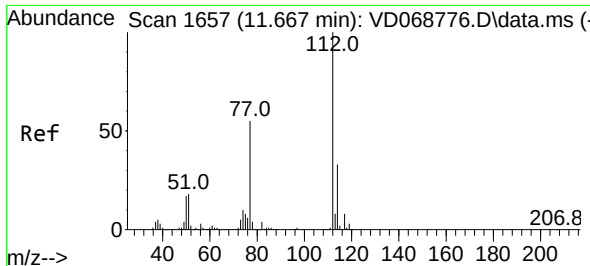


#64
Tetrachloroethene
Concen: 21.37 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



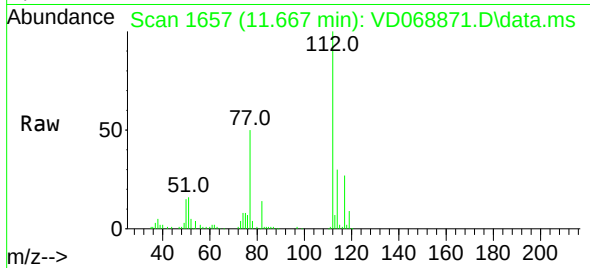
Tgt Ion:164 Resp: 38901
Ion Ratio Lower Upper
164 100
166 128.4 103.0 154.6
129 95.6 77.4 116.0
131 89.1 70.4 105.6





#65
Chlorobenzene
Concen: 21.17 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

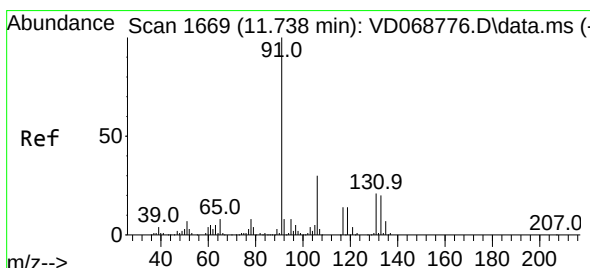
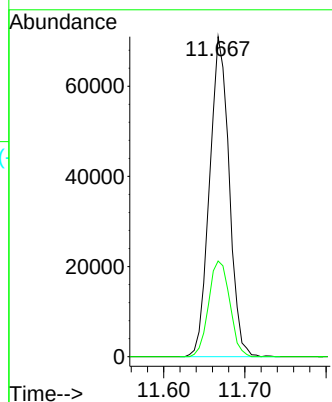
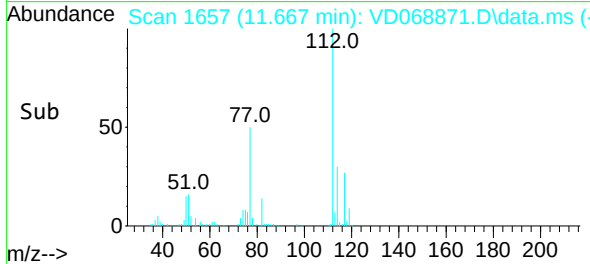
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



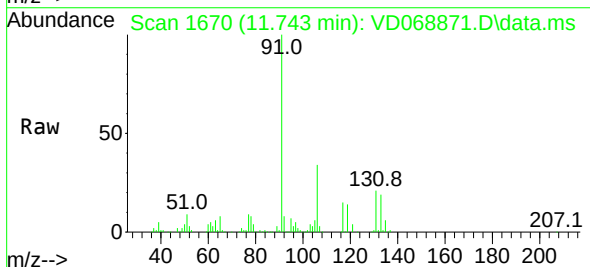
Tgt Ion:112 Resp: 118988
Ion Ratio Lower Upper
112 100
114 29.9 25.2 37.8

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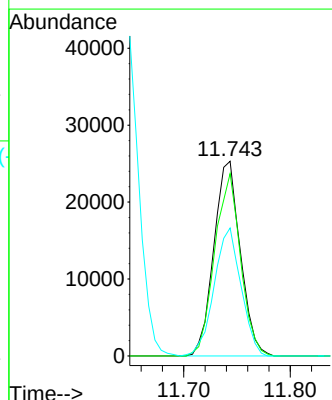
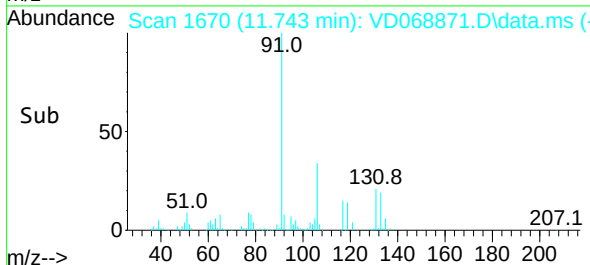
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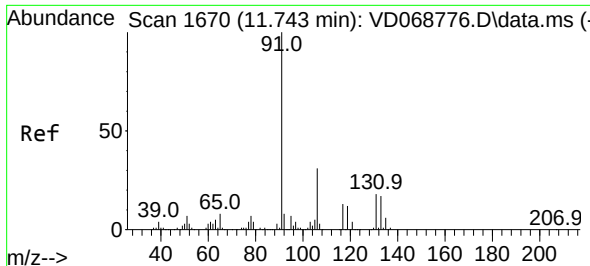


#66
1,1,1,2-Tetrachloroethane
Concen: 21.66 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.005 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



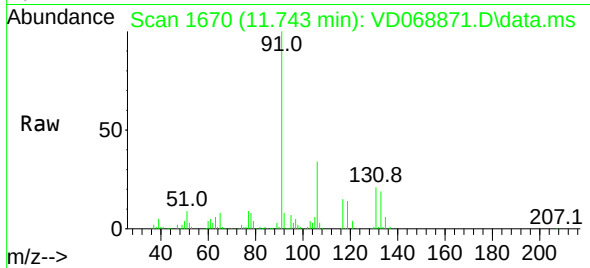
Tgt Ion:131 Resp: 43765
Ion Ratio Lower Upper
131 100
133 91.2 47.0 141.2
119 66.6 32.8 98.3





#67
Ethyl Benzene
Concen: 20.90 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

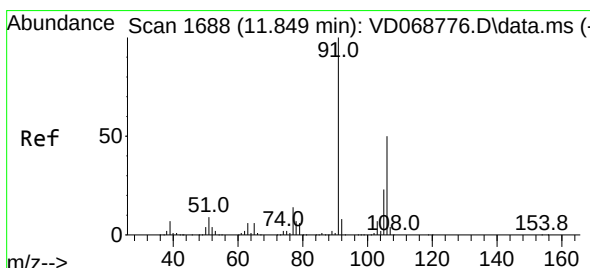
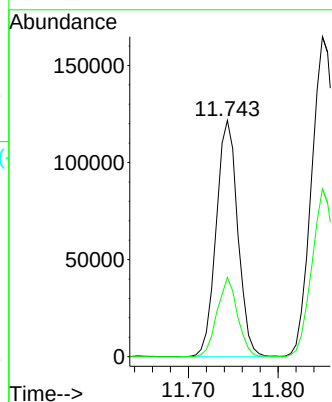
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



Tgt Ion: 91 Resp: 203472
Ion Ratio Lower Upper
91 100
106 33.6 25.1 37.7

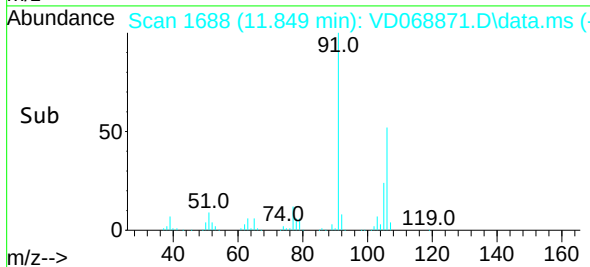
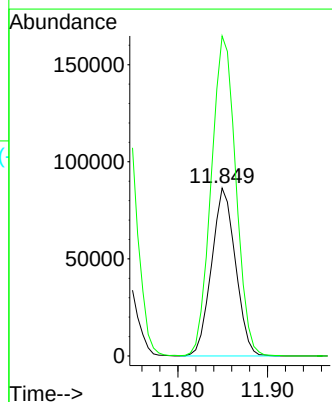
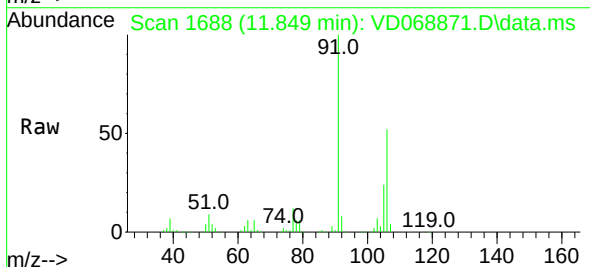
Manual Integrations
APPROVED

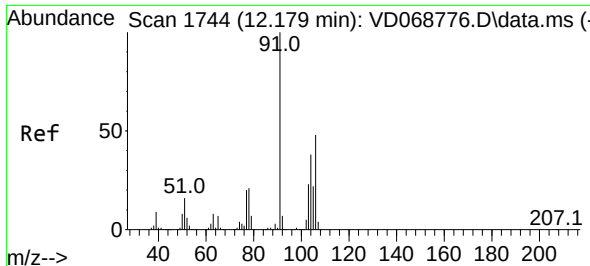
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#68
m/p-Xylenes
Concen: 42.60 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

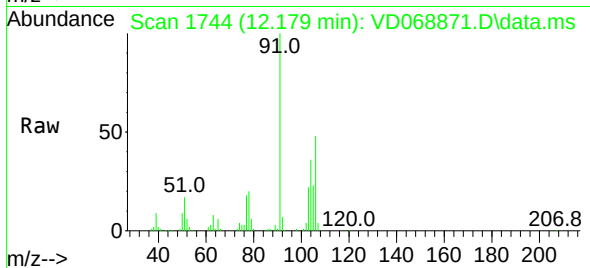
Tgt Ion: 106 Resp: 159986
Ion Ratio Lower Upper
106 100
91 196.2 158.6 238.0





#69
o-Xylene
Concen: 21.11 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

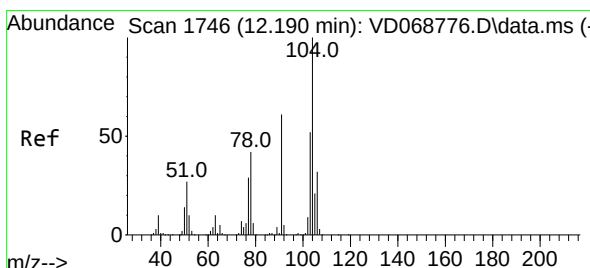
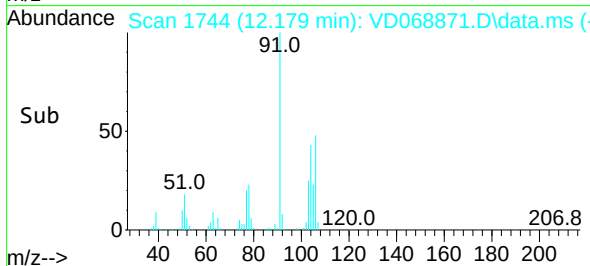
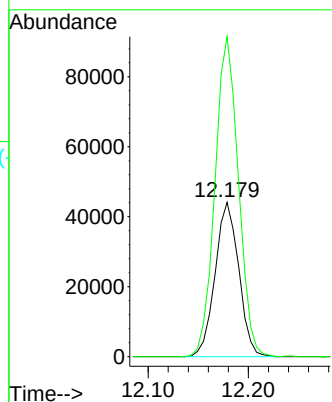
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



Tgt Ion:106 Resp: 72091
Ion Ratio Lower Upper
106 100
91 205.8 105.0 315.0

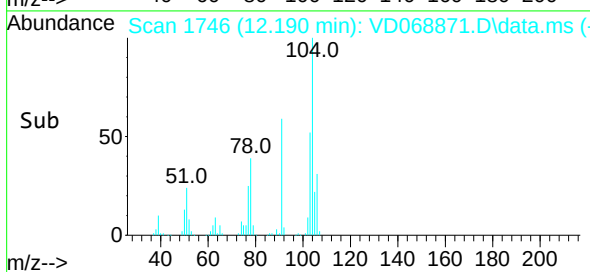
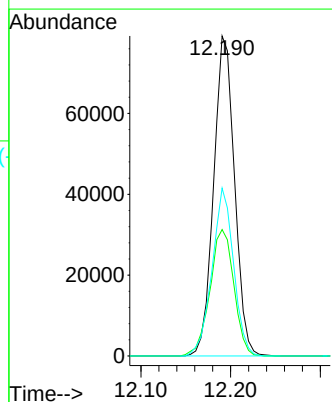
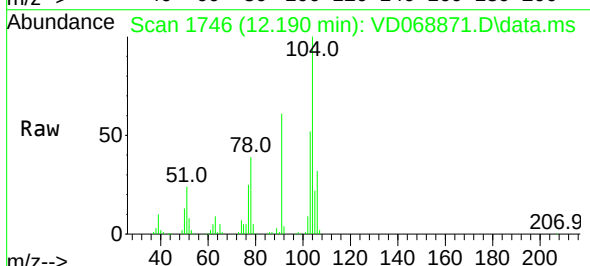
Manual Integrations
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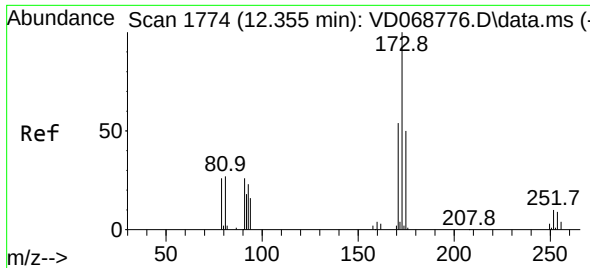
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#70
Styrene
Concen: 21.53 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

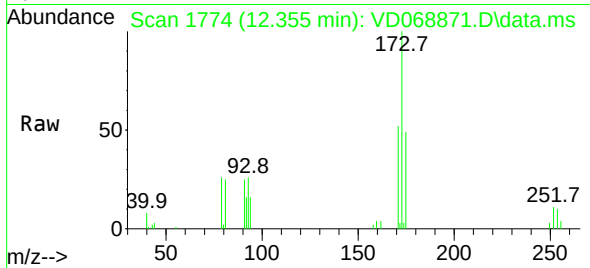
Tgt Ion:104 Resp: 128135
Ion Ratio Lower Upper
104 100
78 45.1 36.9 55.3
103 53.9 44.3 66.5





#71
Bromoform
Concen: 20.85 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

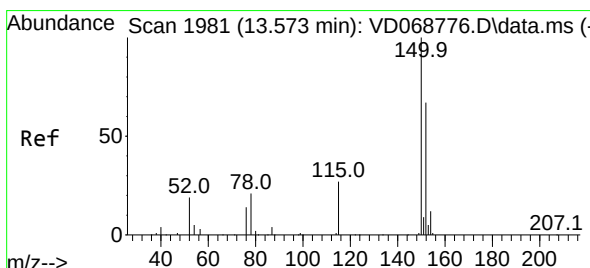
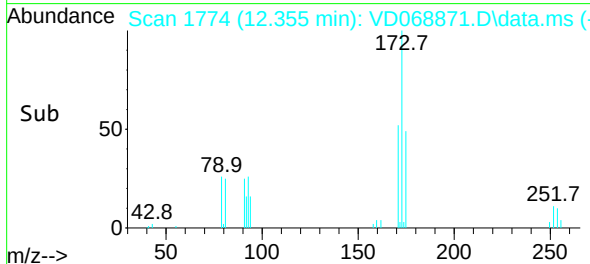
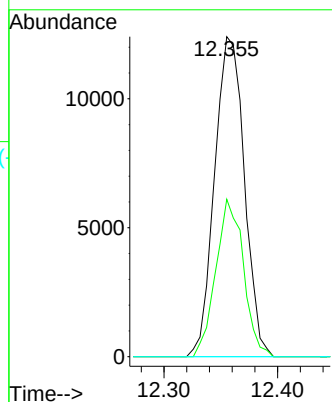
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



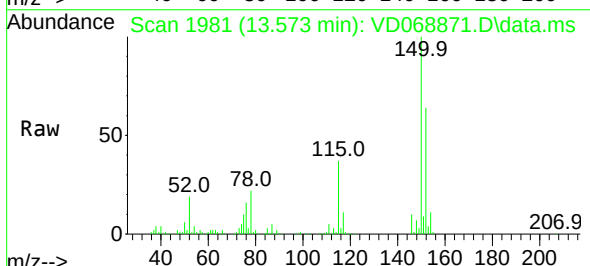
Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.7	23.6	71.0
254	0.0	0.0	0.0

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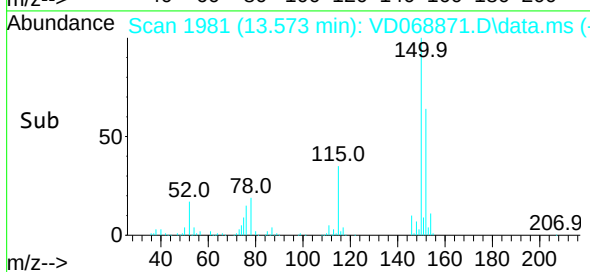
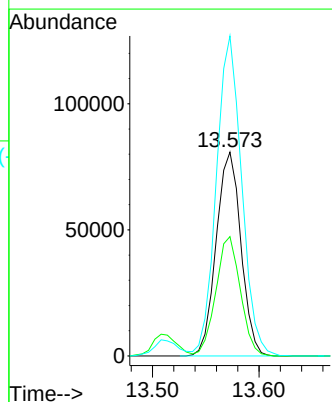
MMDadoda
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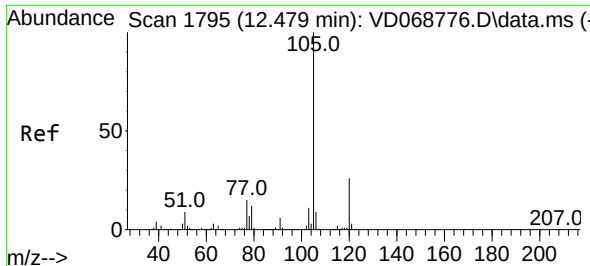


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



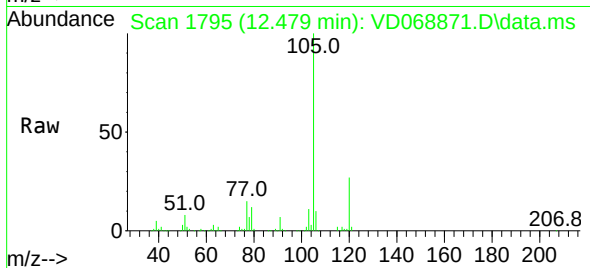
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	87.8
150	160.6	0.0	347.6





#73
Isopropylbenzene
Concen: 20.16 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

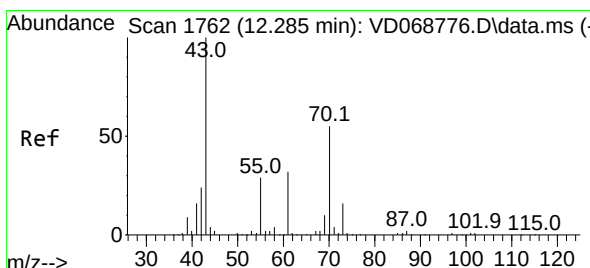
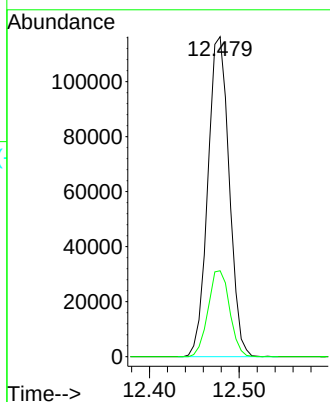
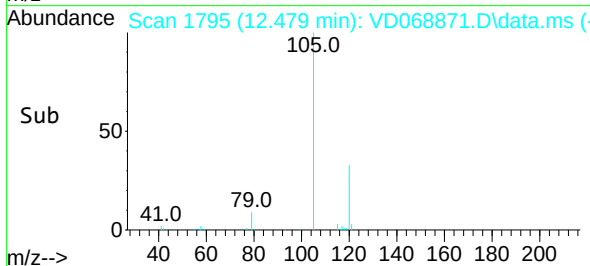
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



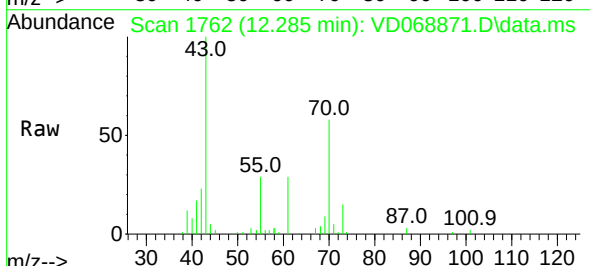
Tgt Ion:105 Resp: 191887
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

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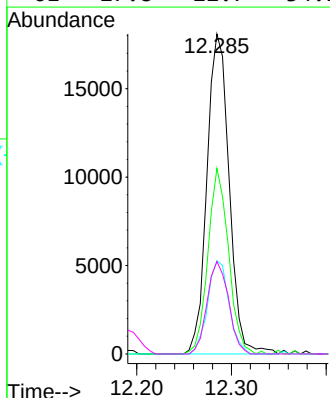
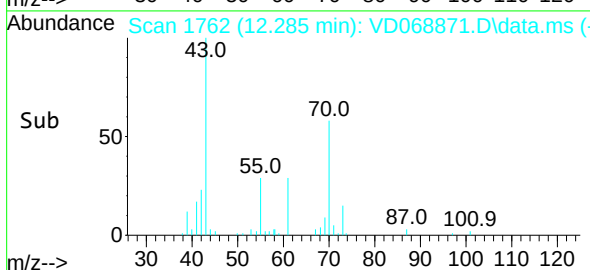
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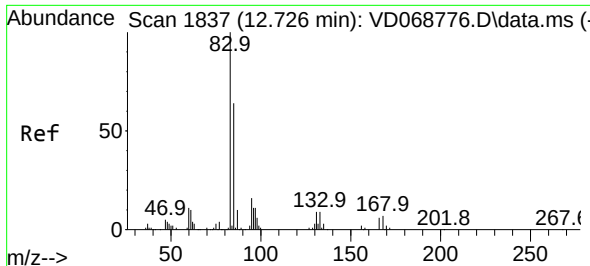


#74
N-ethyl acetate
Concen: 18.30 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

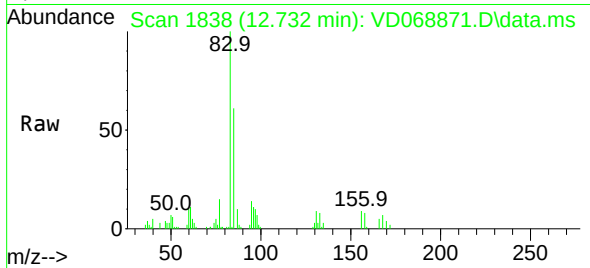


Tgt Ion: 43 Resp: 29537
Ion Ratio Lower Upper
43 100
70 53.9 41.9 62.9
55 28.1 22.8 34.2
61 27.8 22.7 34.1

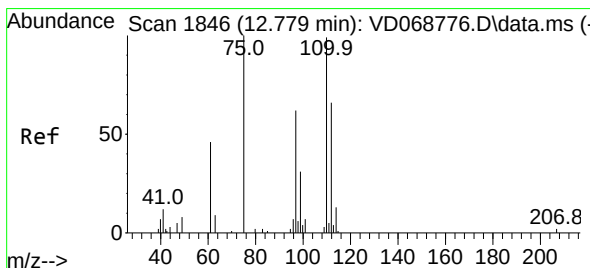
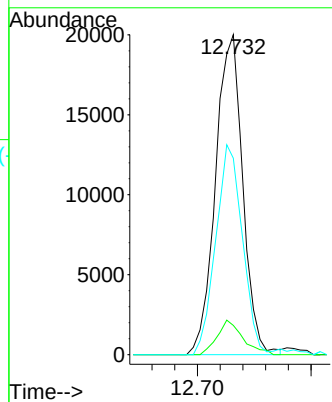
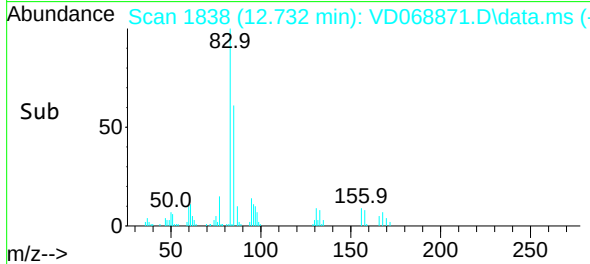




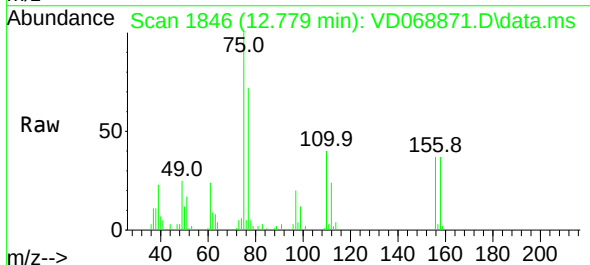
#75
1,1,2,2-Tetrachloroethane
Concen: 18.74 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



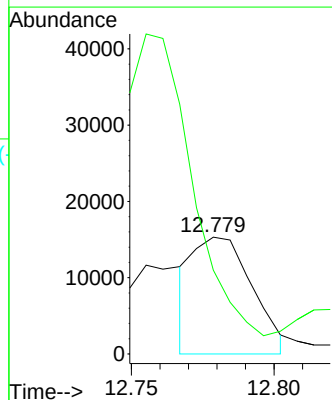
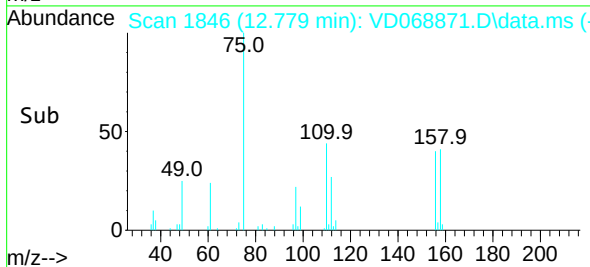
Tgt Ion: 83 Resp: 33334
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 18.63 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



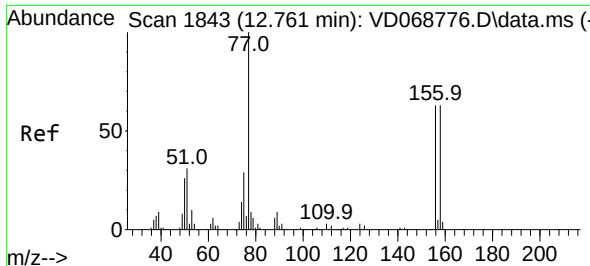
Tgt Ion: 75 Resp: 22187
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

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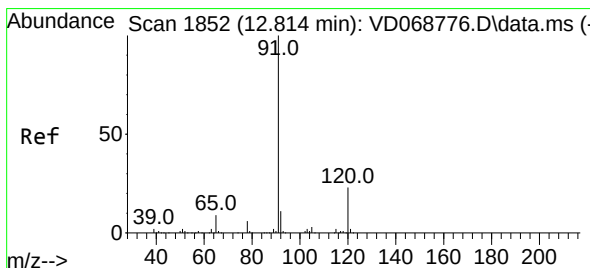
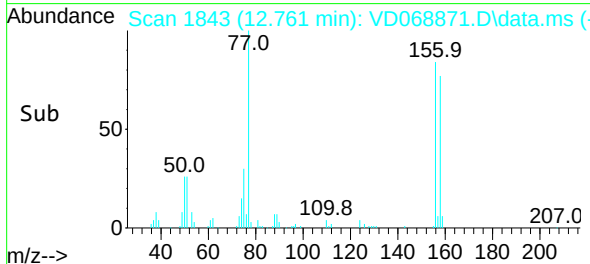
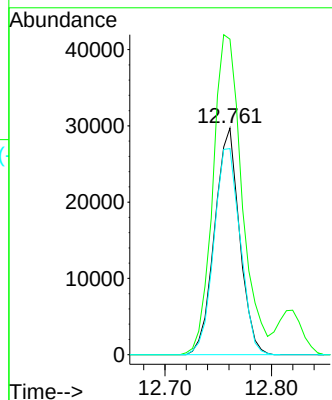
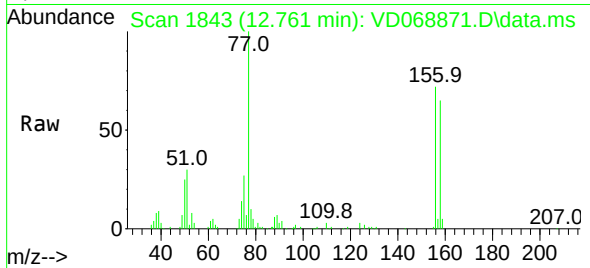
#77
Bromobenzene
Concen: 21.11 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 156 Resp: 48310
Ion Ratio Lower Upper
156 100
77 164.1 88.9 266.8
158 96.1 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

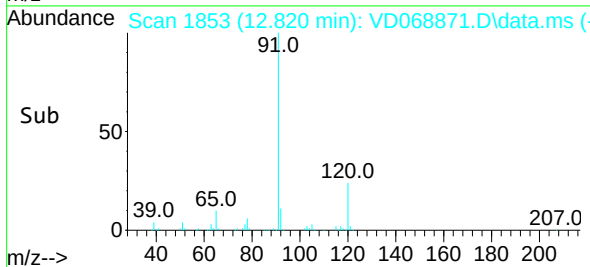
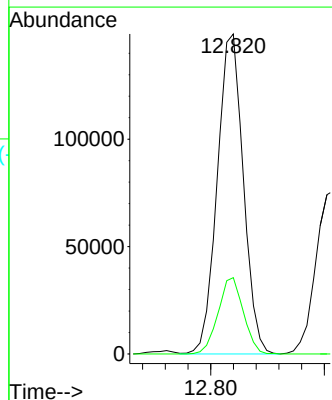
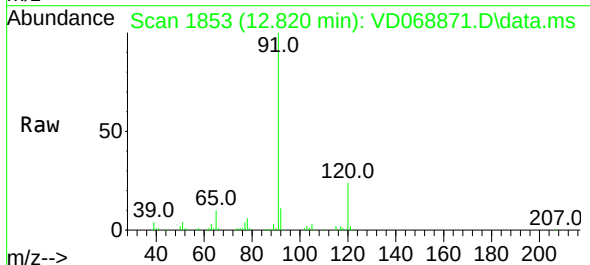
Manual Integrations
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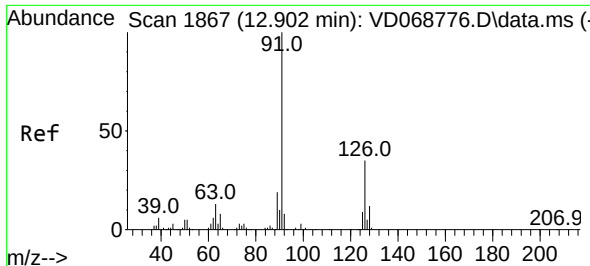
MMDadoda
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#78
n-propylbenzene
Concen: 20.54 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

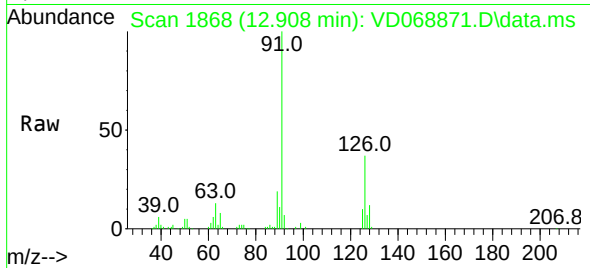
Tgt Ion: 91 Resp: 237419
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.2





#79
2-Chlorotoluene
Concen: 20.31 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

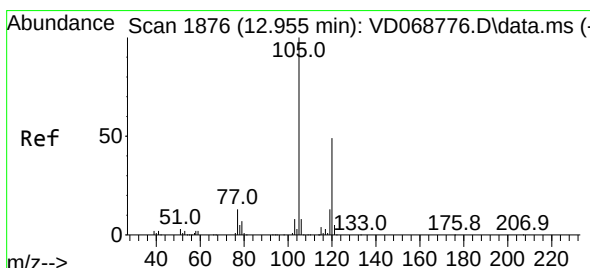
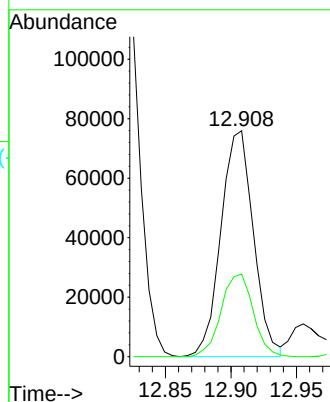
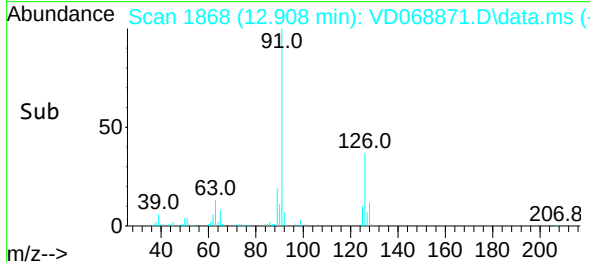
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



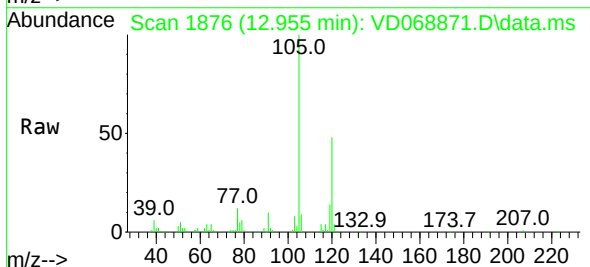
Tgt Ion: 91 Resp: 131133
Ion Ratio Lower Upper
91 100
126 36.1 17.1 51.3

Manual Integrations
APPROVED

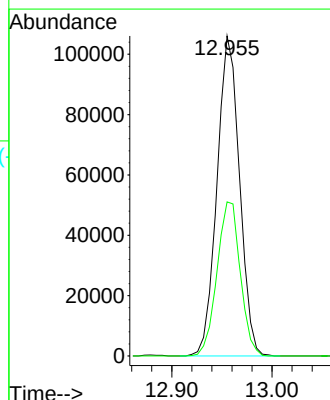
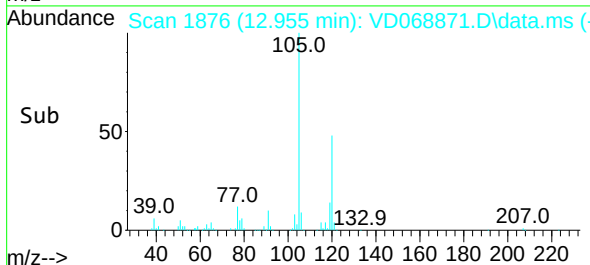
MMDadoda
4/19/2021 1:27:44 PM

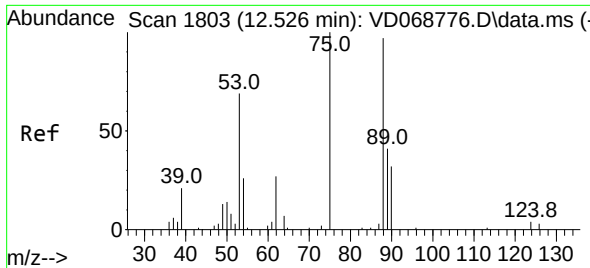


#80
1,3,5-Trimethylbenzene
Concen: 20.77 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



Tgt Ion: 105 Resp: 165262
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7





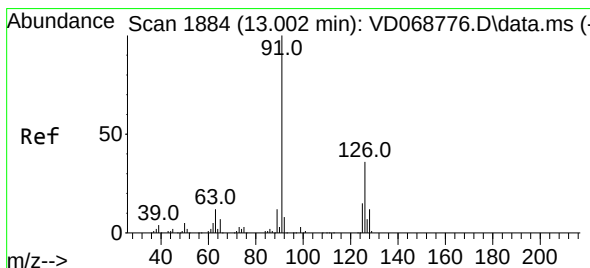
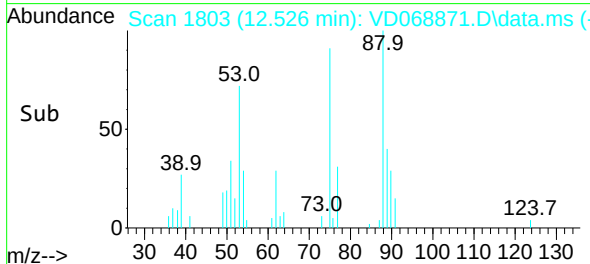
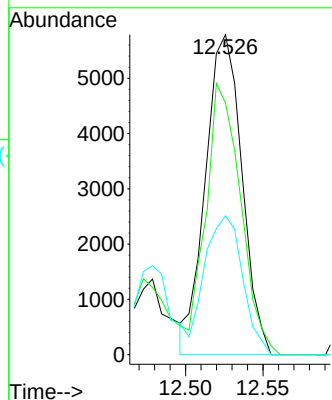
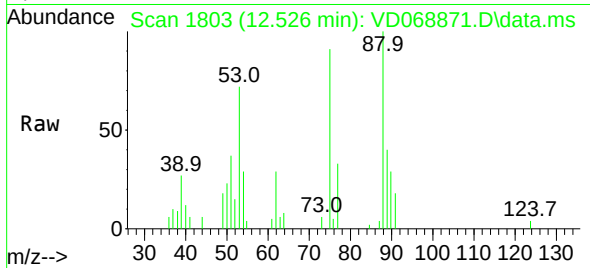
#81
trans-1,4-Dichloro-2-butene
Concen: 18.43 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	75	Resp:	9458
Ion	Ratio	Lower	Upper
75	100		
53	80.0	66.8	100.2
89	44.6	36.6	54.8

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

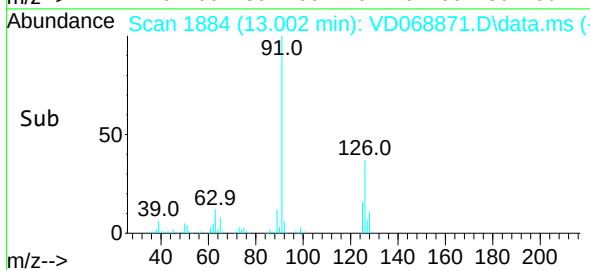
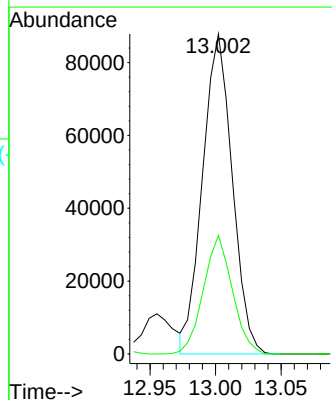
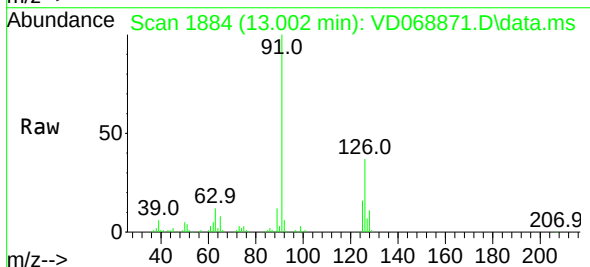
Manual Integrations
APPROVED

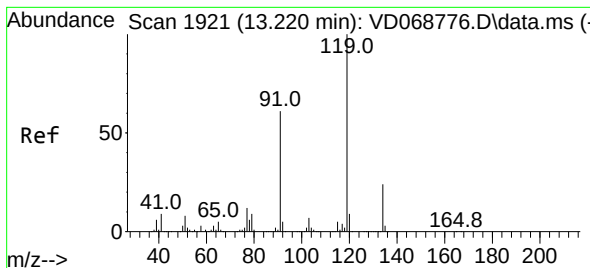
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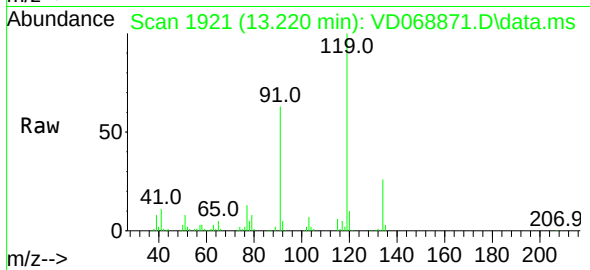
#82
4-Chlorotoluene
Concen: 20.22 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	91	Resp:	138376
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.2	51.5

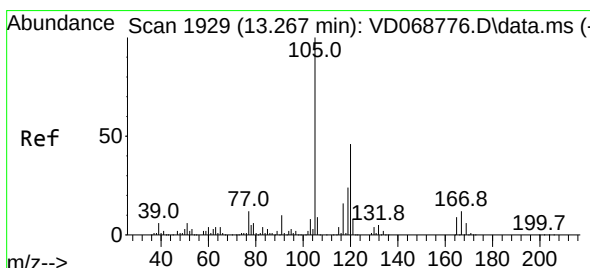
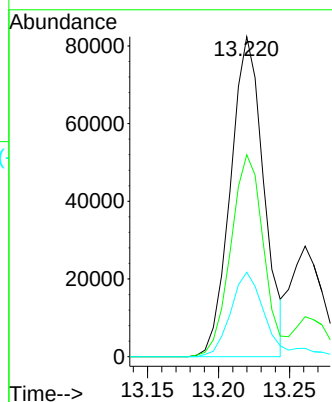
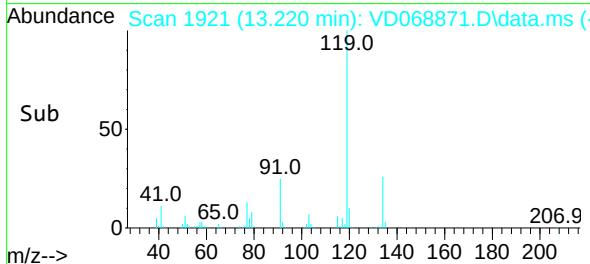




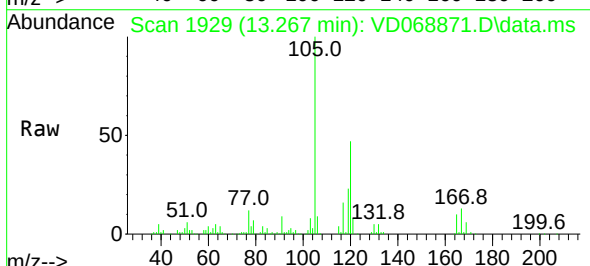
#83
tert-Butylbenzene
Concen: 19.83 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



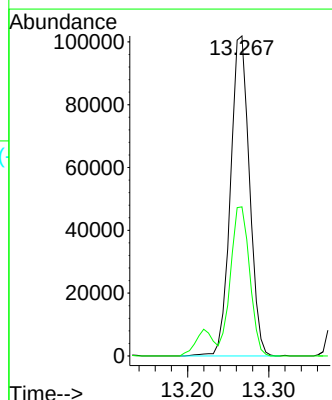
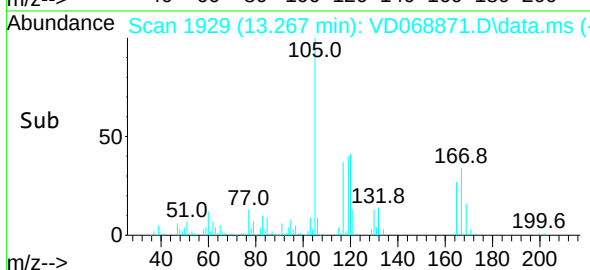
Tgt Ion:119 Resp: 133859
Ion Ratio Lower Upper
119 100
91 63.0 31.6 95.0
134 28.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.55 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



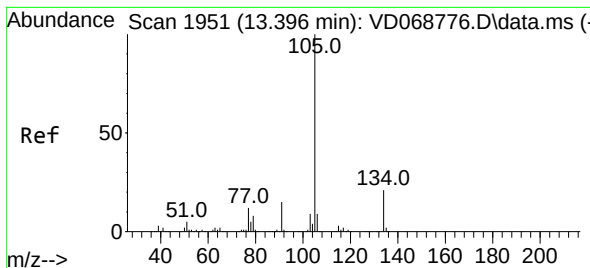
Tgt Ion:105 Resp: 165124
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.7



Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

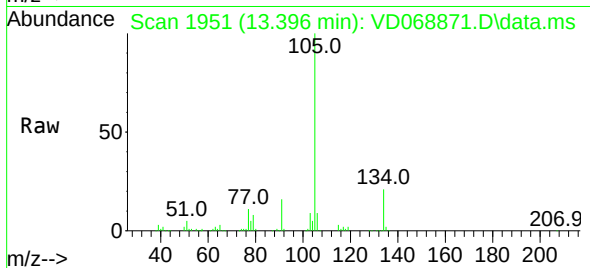
Manual Integrations
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#85
 sec-Butylbenzene
 Concen: 20.43 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068871.D
 Acq: 16 Apr 2021 13:02

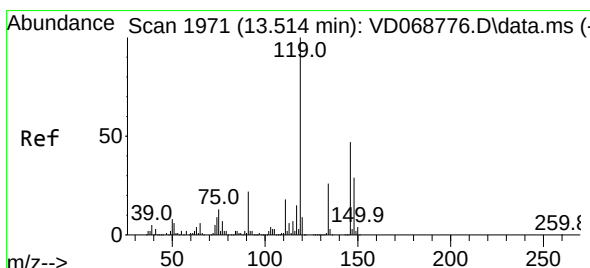
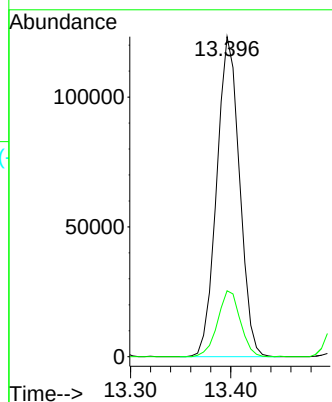
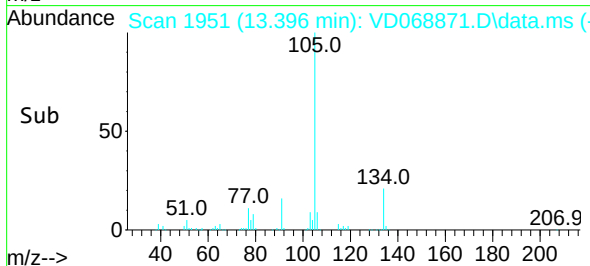
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS01



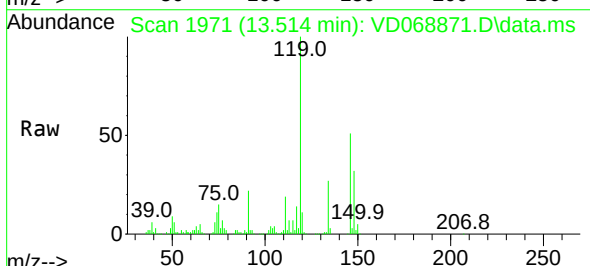
Tgt Ion:105 Resp: 194596
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 29.8

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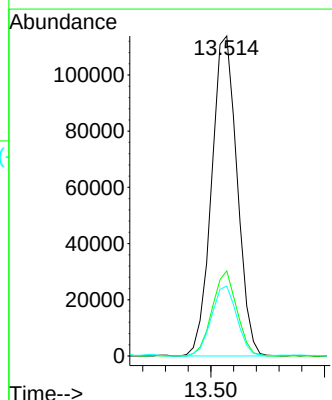
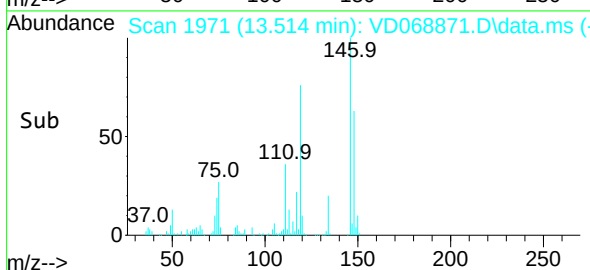
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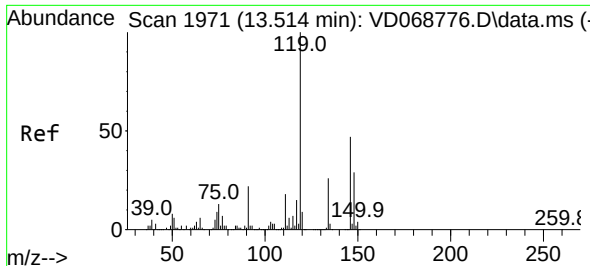


#86
 p-Isopropyltoluene
 Concen: 20.43 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068871.D
 Acq: 16 Apr 2021 13:02



Tgt Ion:119 Resp: 177816
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.9
 91 21.9 11.1 33.1





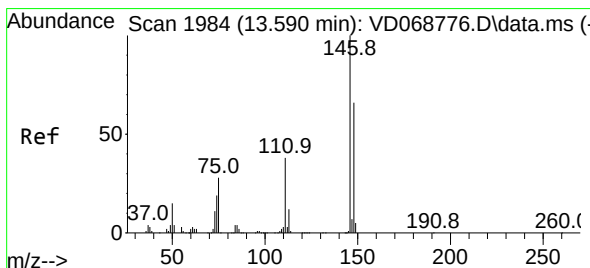
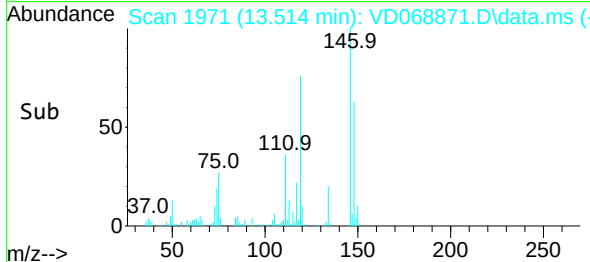
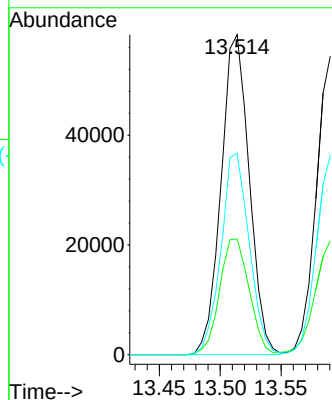
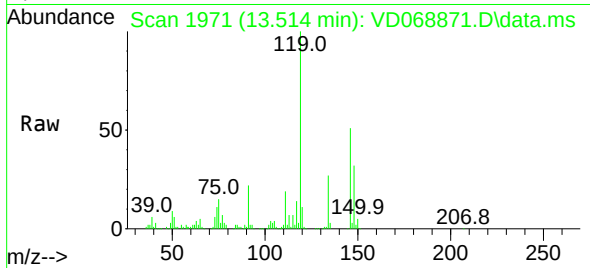
#87
1,3-Dichlorobenzene
Concen: 20.74 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

Tgt Ion:	146	Resp:	93992
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.3	57.8
148	63.4	30.9	92.8

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01

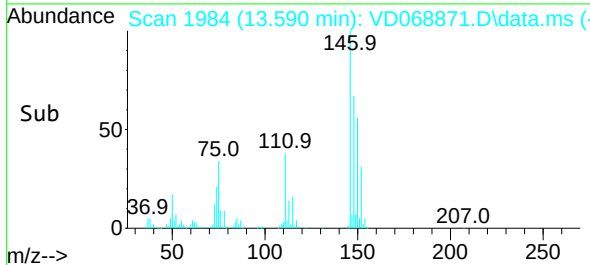
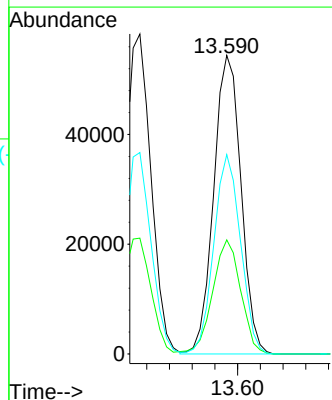
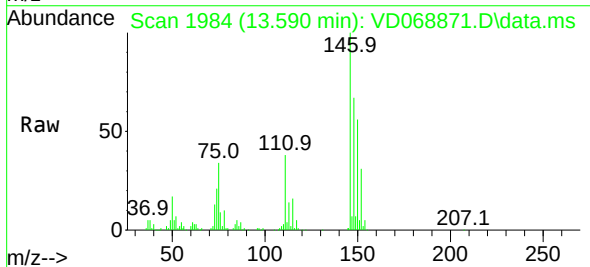
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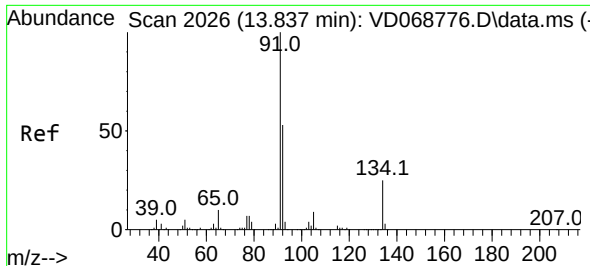
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#88
1,4-Dichlorobenzene
Concen: 20.25 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

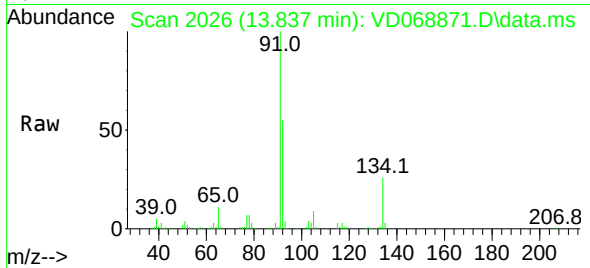
Tgt Ion:	146	Resp:	90863
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.1	57.1
148	65.5	31.6	95.0





#89
n-Butylbenzene
Concen: 19.96 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

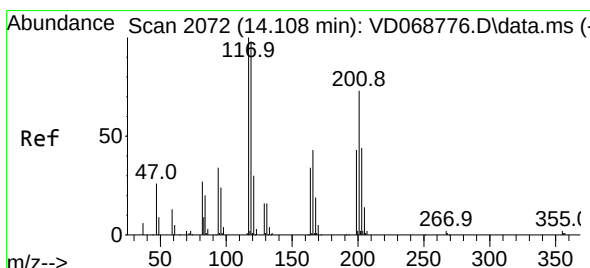
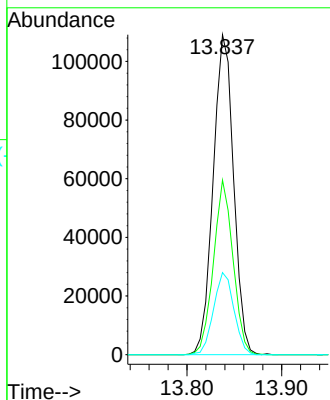
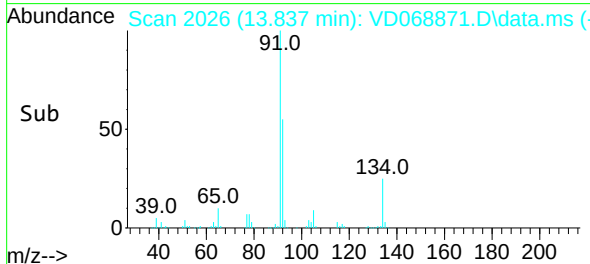
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



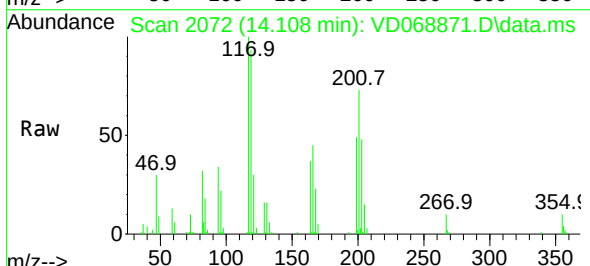
Tgt Ion: 91 Resp: 163588
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 25.6 12.9 38.6

Manual Integrations
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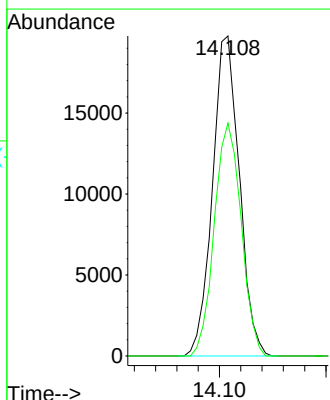
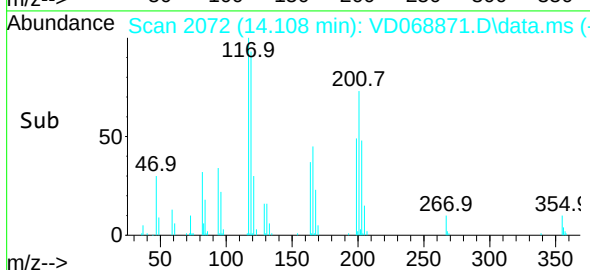
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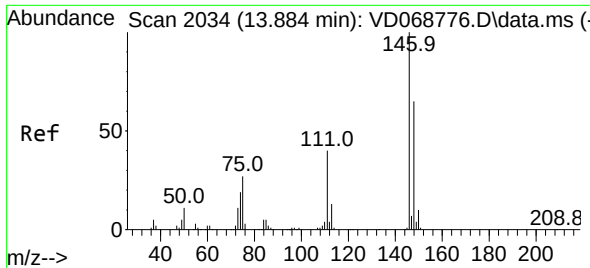


#90
Hexachloroethane
Concen: 19.96 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



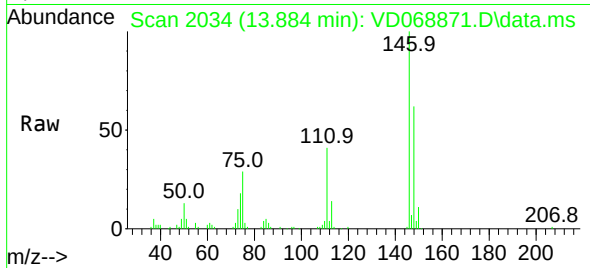
Tgt Ion: 117 Resp: 34590
Ion Ratio Lower Upper
117 100
201 72.7 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 19.98 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

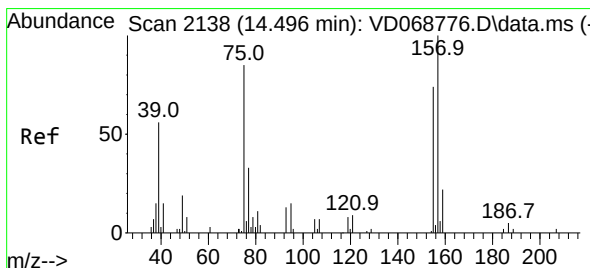
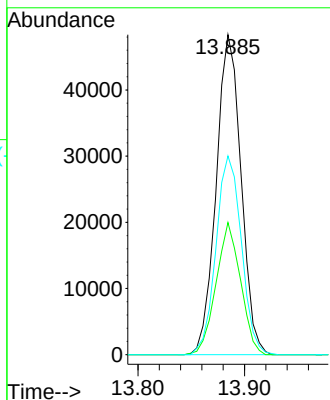
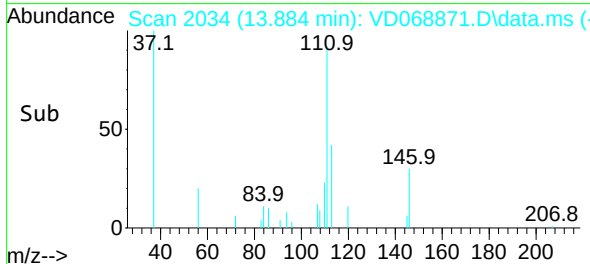
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



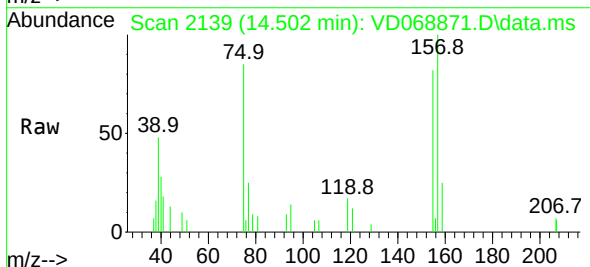
Tgt Ion:146 Resp: 78369
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.5 32.2 96.6

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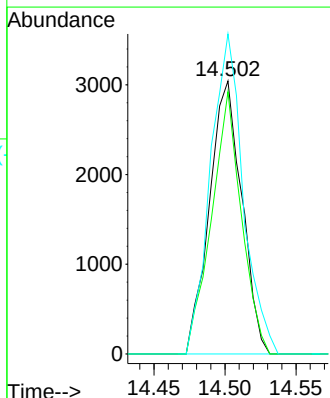
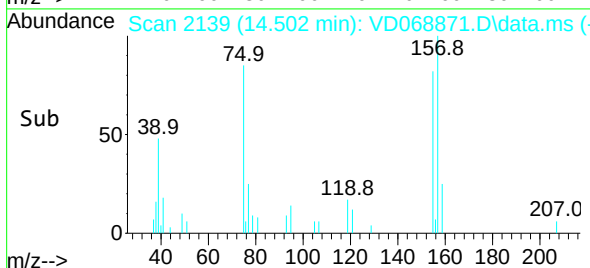
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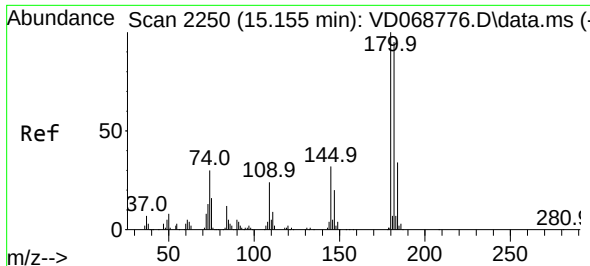


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.87 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



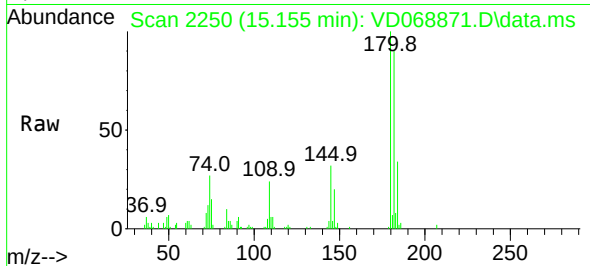
Tgt Ion: 75 Resp: 4832
Ion Ratio Lower Upper
75 100
155 88.3 46.8 140.3
157 118.2 59.8 179.3





#93
1,2,4-Trichlorobenzene
Concen: 19.98 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

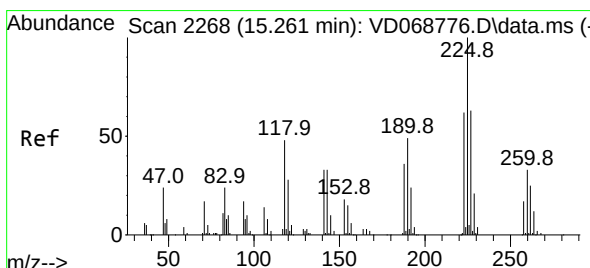
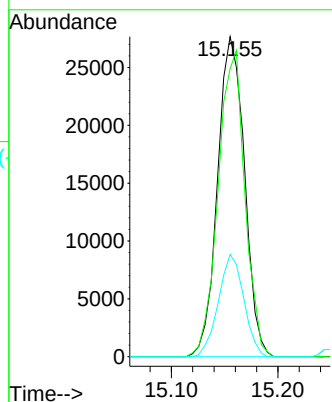
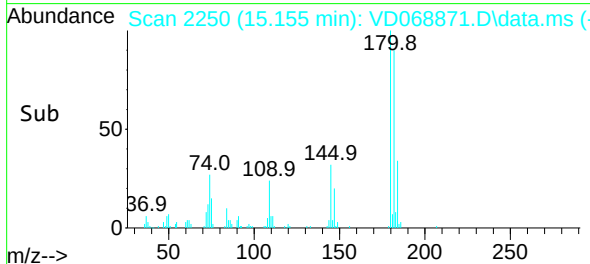
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



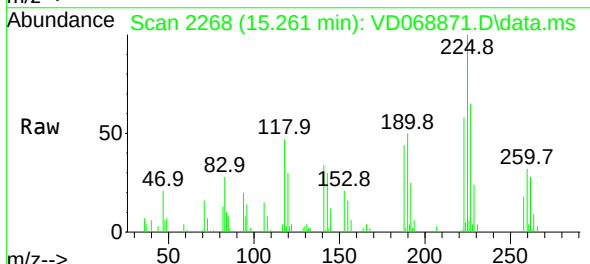
Tgt Ion:180 Resp: 48494
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.8
145 30.2 15.2 45.6

Manual Integrations
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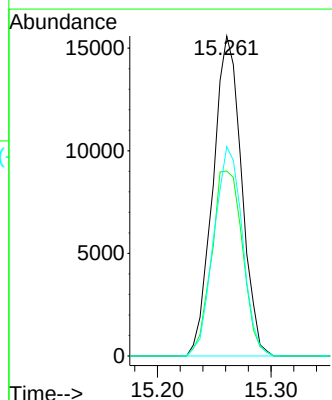
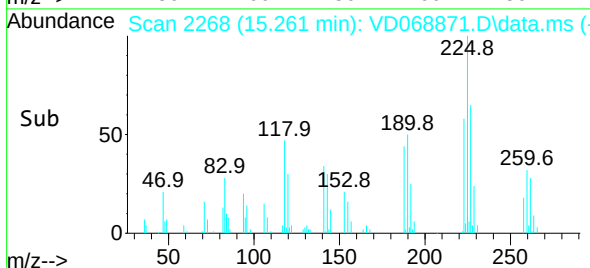
MMDadoda
4/19/2021 1:27:44 PM

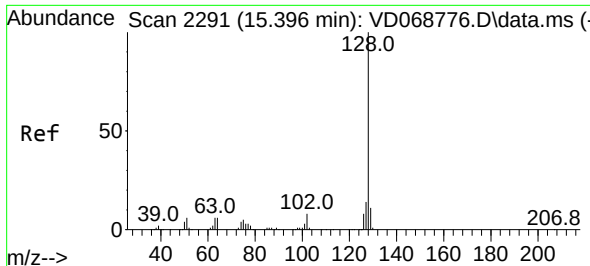


#94
Hexachlorobutadiene
Concen: 19.62 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



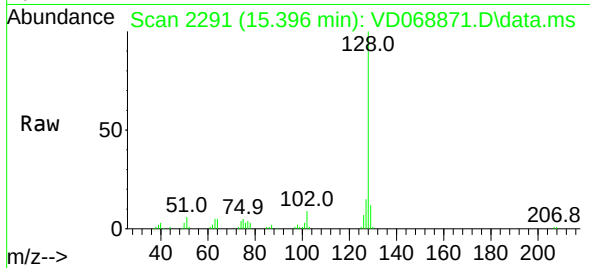
Tgt Ion:225 Resp: 27269
Ion Ratio Lower Upper
225 100
223 62.6 30.6 91.6
227 65.5 31.4 94.0





#95
Naphthalene
Concen: 18.22 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02

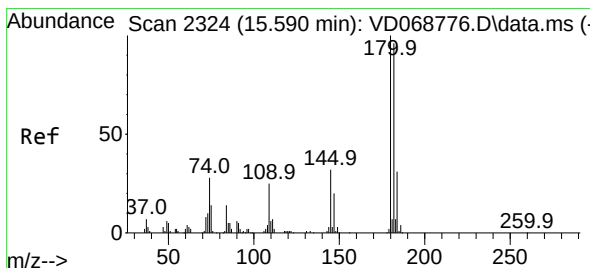
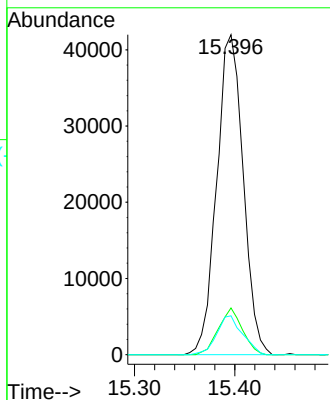
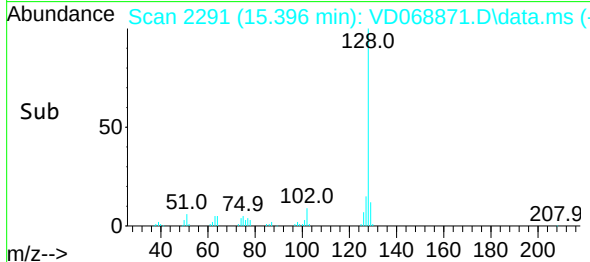
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBS01



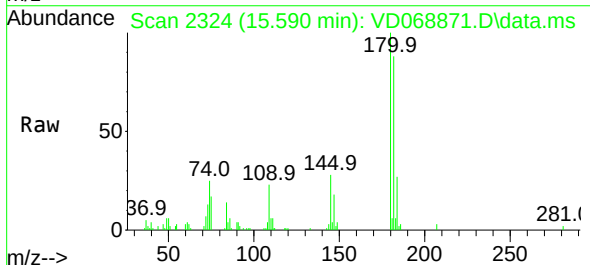
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.68 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068871.D
Acq: 16 Apr 2021 13:02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.5	139.3
145	31.2	15.8	47.4

