

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
 Data File : VD068669.D
 Acq On : 19 Mar 2021 18:43
 Operator : VA/SY
 Sample : VD0319SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01

Manual Integrations
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 3/22/2021 11:37:05 AM

Quant Time: Mar 20 02:33:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	307736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	539430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	490061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157221	50.67	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.34%		
35) Dibromofluoromethane	7.914	113	167358	49.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.72%		
50) Toluene-d8	10.338	98	647162	50.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.02%		
62) 4-Bromofluorobenzene	12.632	95	213140	50.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	41308	17.17	ug/l	99
3) Chloromethane	2.209	50	57379	19.36	ug/l	100
4) Vinyl Chloride	2.350	62	63345	18.08	ug/l	98
5) Bromomethane	2.756	94	51788	20.01	ug/l	99
6) Chloroethane	2.914	64	44242	19.28	ug/l	99
7) Trichlorofluoromethane	3.273	101	81305	19.47	ug/l	94
8) Diethyl Ether	3.709	74	25593	22.16	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	51893	20.77	ug/l	96
10) Methyl Iodide	4.297	142	42751	16.99	ug/l	97
11) Tert butyl alcohol	5.232	59	16323	114.16	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	47843	19.67	ug/l	94
13) Acrolein	3.920	56	15688	124.21	ug/l	100
14) Allyl chloride	4.720	41	58133	19.67	ug/l	100
15) Acrylonitrile	5.426	53	59481	105.83	ug/l	94
16) Acetone	4.161	43	34632	91.99	ug/l	99
17) Carbon Disulfide	4.414	76	143780	18.41	ug/l	97
18) Methyl Acetate	4.720	43	21775	21.04	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	132509	21.63	ug/l	96
20) Methylene Chloride	4.967	84	83582	22.35	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	70866	20.95	ug/l	88
22) Diisopropyl ether	6.361	45	163645	21.79	ug/l	95
23) Vinyl Acetate	6.303	43	414014	103.75	ug/l	98
24) 1,1-Dichloroethane	6.267	63	116171	21.09	ug/l	97
25) 2-Butanone	7.214	43	64206	102.93	ug/l	97
26) 2,2-Dichloropropane	7.214	77	93918	19.16	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	80566	21.38	ug/l	99
28) Bromochloromethane	7.544	49	41732	19.16	ug/l	99
29) Tetrahydrofuran	7.561	42	41516	105.29	ug/l	97
30) Chloroform	7.714	83	127020	21.22	ug/l	97
31) Cyclohexane	7.985	56	95951	19.16	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	109636	20.51	ug/l	99
36) 1,1-Dichloropropene	8.114	75	96199	19.97	ug/l	98
37) Ethyl Acetate	7.302	43	33047	21.73	ug/l	95
38) Carbon Tetrachloride	8.102	117	94409	19.63	ug/l	96
39) Methylcyclohexane	9.355	83	110390	18.56	ug/l	96
40) Benzene	8.355	78	283346	20.16	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	18829m	21.16	ug/l	
42) 1,2-Dichloroethane	8.426	62	81027	22.03	ug/l	97
43) Isopropyl Acetate	8.449	43	61646	21.14	ug/l	97
44) Trichloroethene	9.114	130	80239	20.57	ug/l	91
45) 1,2-Dichloropropane	9.391	63	72333	21.51	ug/l	93
46) Dibromomethane	9.479	93	38915	20.35	ug/l	94
47) Bromodichloromethane	9.661	83	102564	20.91	ug/l	96
48) Methyl methacrylate	9.455	41	28409	19.22	ug/l	89
49) 1,4-Dioxane	9.467	88	8834	415.72	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	154547	101.79	ug/l	98
52) Toluene	10.402	92	185145	20.81	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	91825	20.35	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	110129	20.55	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	58010	21.56	ug/l	93
56) Ethyl methacrylate	10.661	69	59461	20.46	ug/l	98
57) 1,3-Dichloropropane	10.943	76	91640	20.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	144129	97.32	ug/l	100
59) 2-Hexanone	10.985	43	106385	104.35	ug/l	99
60) Dibromochloromethane	11.143	129	69385	20.80	ug/l	99
61) 1,2-Dibromoethane	11.243	107	53177	20.48	ug/l	99
64) Tetrachloroethene	10.873	164	64669	20.36	ug/l	98
65) Chlorobenzene	11.673	112	197802	20.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	74898	21.58	ug/l	98
67) Ethyl Benzene	11.743	91	341208	20.28	ug/l	99
68) m/p-Xylenes	11.855	106	268327	40.93	ug/l	98
69) o-Xylene	12.179	106	122609	20.18	ug/l	99
70) Styrene	12.196	104	217663	20.85	ug/l	100
71) Bromoform	12.355	173	39094	21.36	ug/l #	96
73) Isopropylbenzene	12.479	105	334461	20.61	ug/l	100
74) N-amyl acetate	12.285	43	55789	20.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	61979	21.61	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	37913m	19.28	ug/l	
77) Bromobenzene	12.761	156	80739	21.21	ug/l	98
78) n-propylbenzene	12.820	91	398017	20.60	ug/l	99
79) 2-Chlorotoluene	12.902	91	215474	20.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	269391	20.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	18005	20.83	ug/l	97
82) 4-Chlorotoluene	13.002	91	233264	20.70	ug/l	99
83) tert-Butylbenzene	13.220	119	229867	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	278892	20.57	ug/l	98
85) sec-Butylbenzene	13.396	105	329762	20.28	ug/l	100
86) p-Isopropyltoluene	13.514	119	298376	20.16	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	156288	20.58	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	157289	21.08	ug/l	99
89) n-Butylbenzene	13.837	91	277000	19.72	ug/l	99
90) Hexachloroethane	14.108	117	54495	20.47	ug/l	98
91) 1,2-Dichlorobenzene	13.884	146	136693	21.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9038	22.03	ug/l	93
93) 1,2,4-Trichlorobenzene	15.161	180	85221	20.33	ug/l	99
94) Hexachlorobutadiene	15.261	225	46278	19.34	ug/l	98
95) Naphthalene	15.396	128	146144	19.92	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	73797	20.68	ug/l	99

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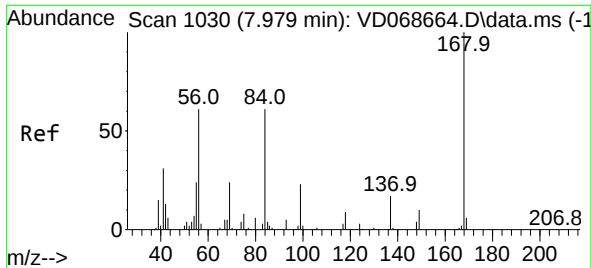
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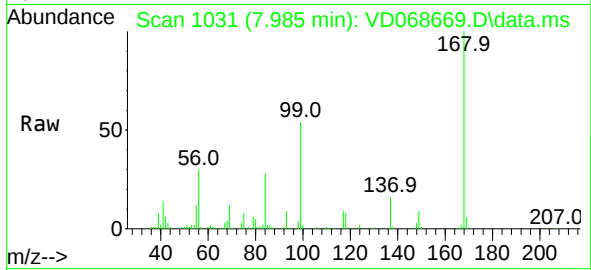
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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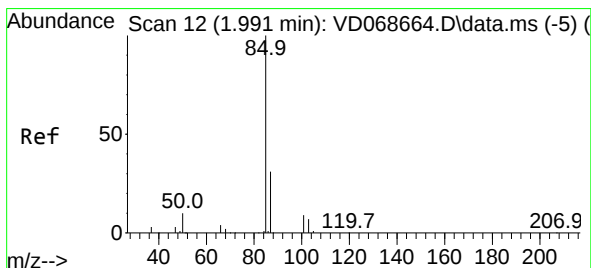
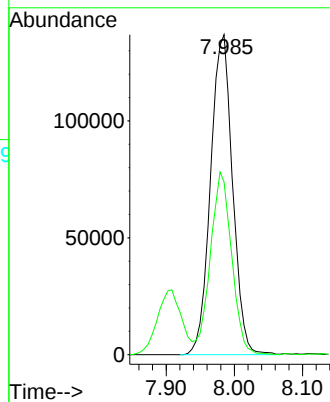
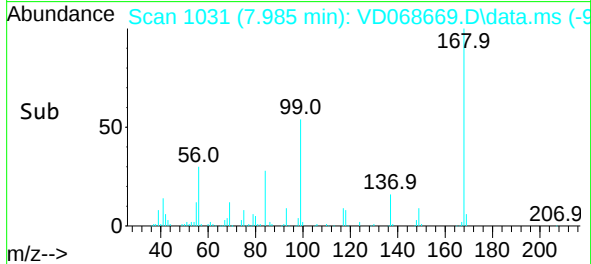
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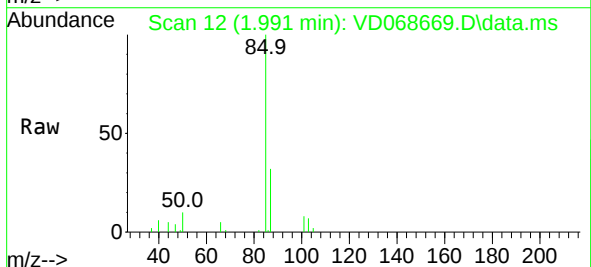
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



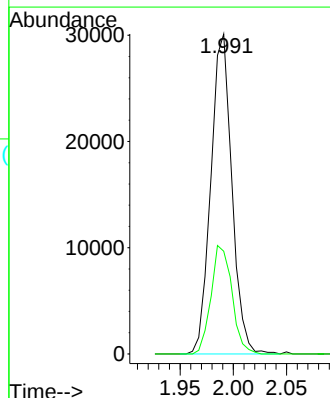
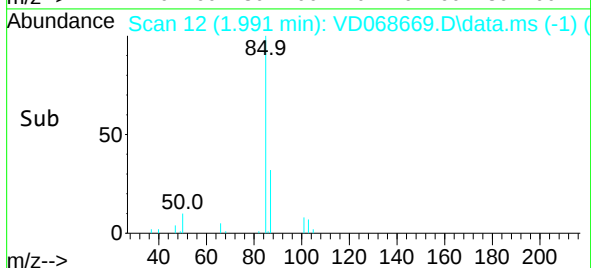
Tgt Ion: 168 Resp: 307736
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 17.17 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



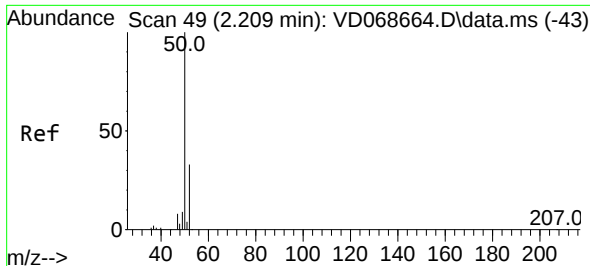
Tgt Ion: 85 Resp: 41308
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0



Instrument :
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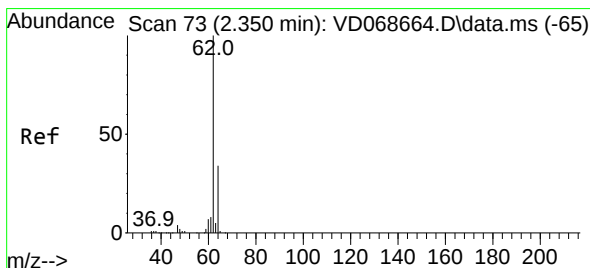
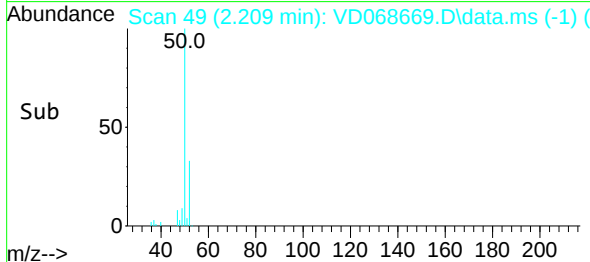
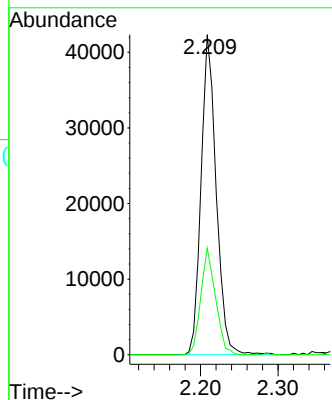
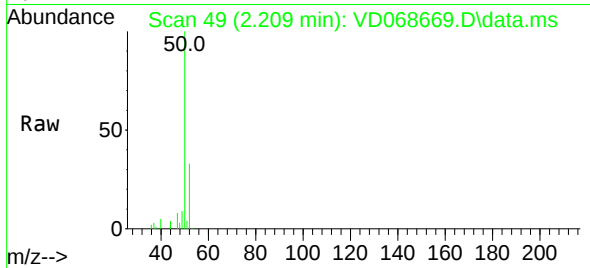
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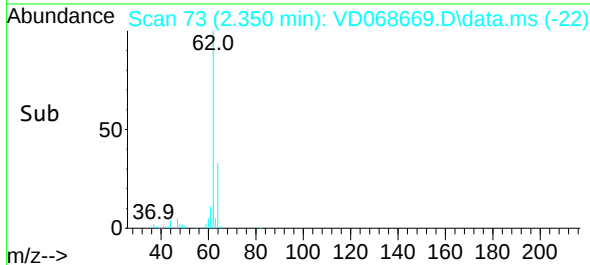
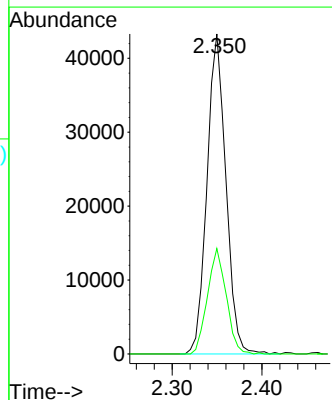
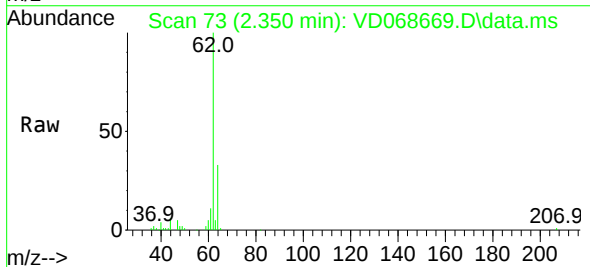
#3
Chloromethane
Concen: 19.36 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 50 Resp: 57379
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 18.08 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

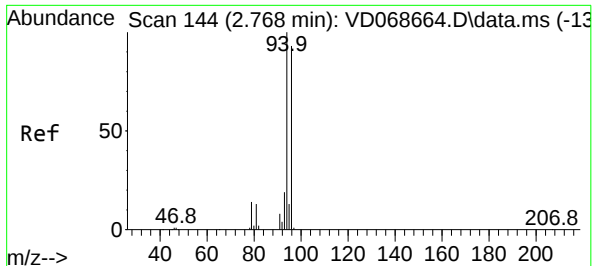
Tgt Ion: 62 Resp: 63345
Ion Ratio Lower Upper
62 100
64 33.0 27.1 40.7



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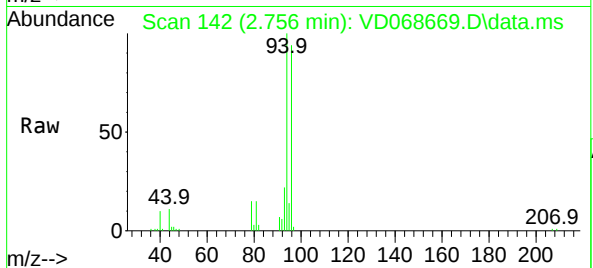
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#5
Bromomethane
Concen: 20.01 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

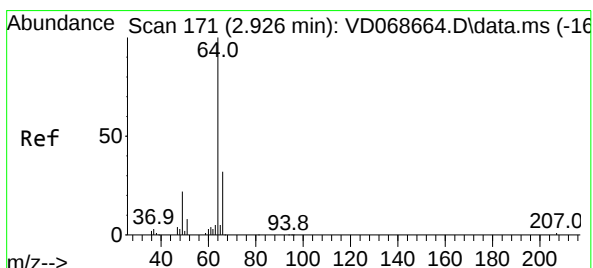
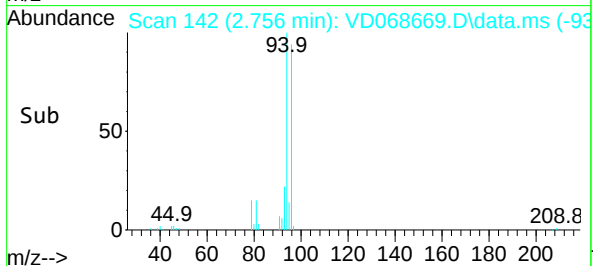
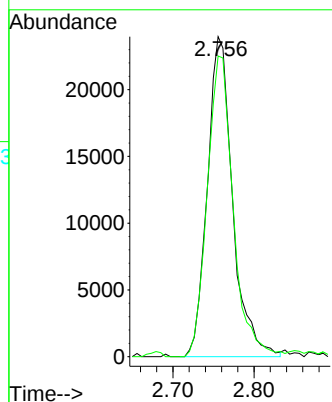
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 51788
Ion Ratio Lower Upper
94 100
96 94.0 74.7 112.1

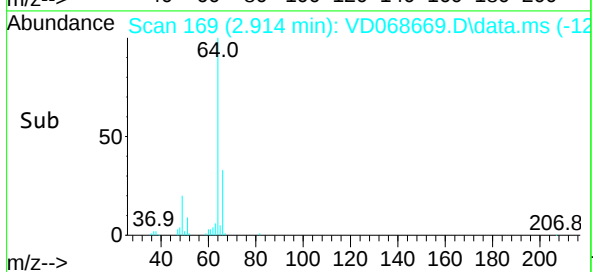
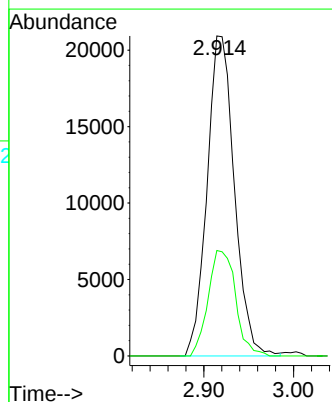
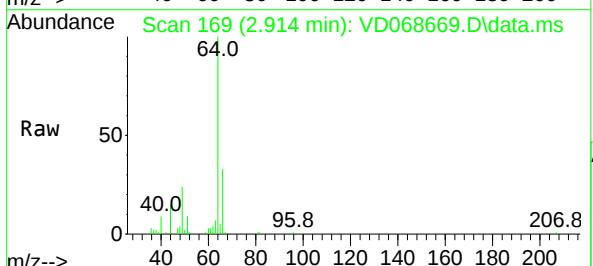
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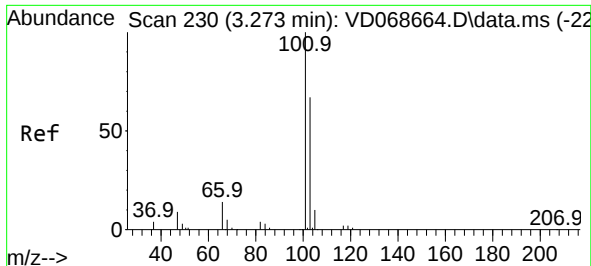
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#6
Chloroethane
Concen: 19.28 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD068669.D
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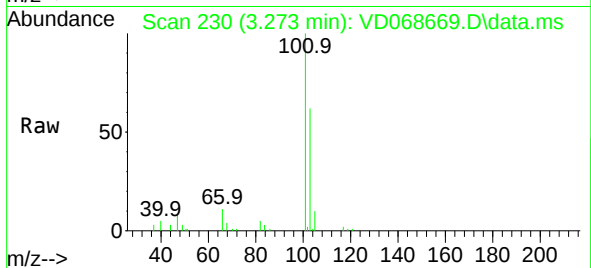
Tgt Ion: 64 Resp: 44242
Ion Ratio Lower Upper
64 100
66 32.9 26.0 39.0



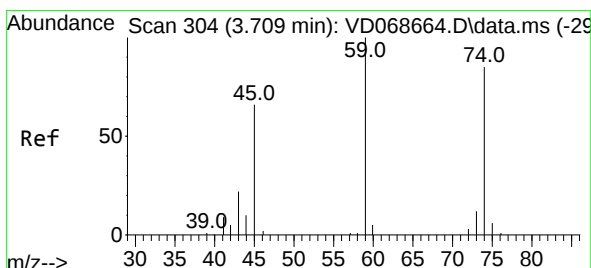
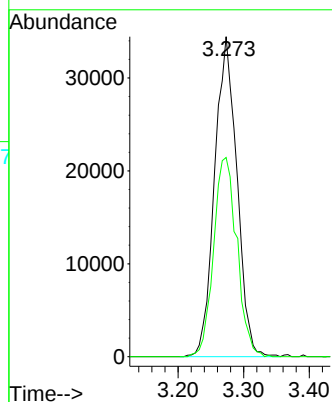
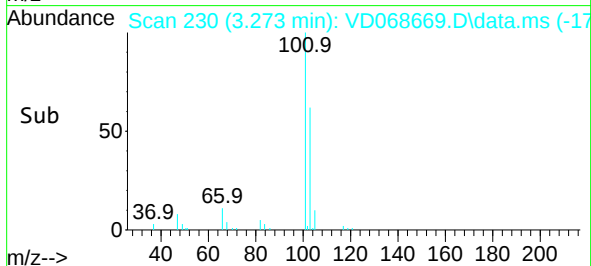


#7
Trichlorofluoromethane
Concen: 19.47 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

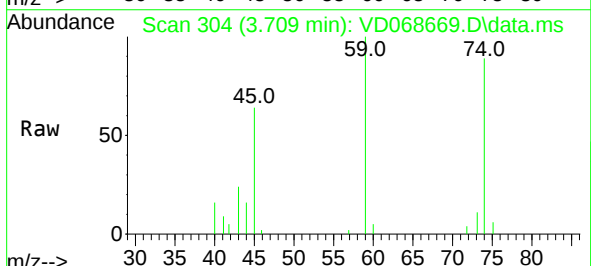
Instrument :
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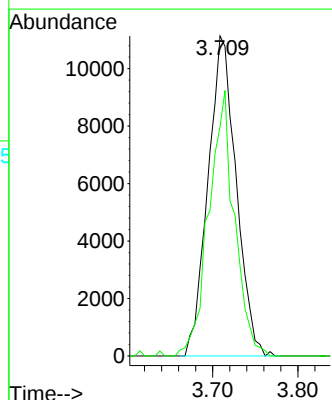
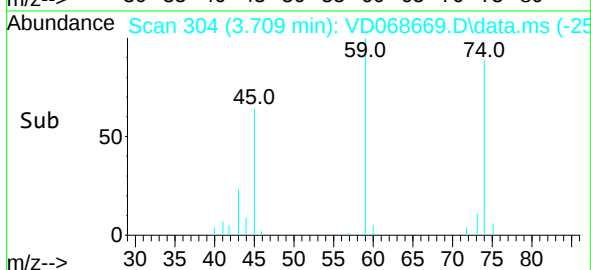
Tgt Ion:101 Resp: 81305
Ion Ratio Lower Upper
101 100
103 62.3 53.4 80.2

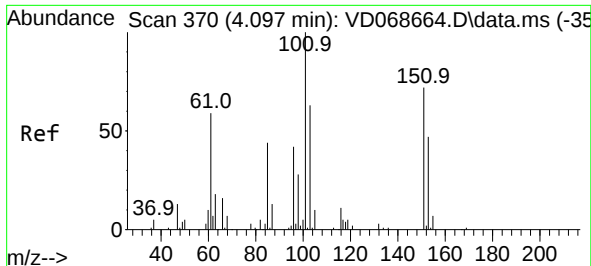


#8
Diethyl Ether
Concen: 22.16 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 74 Resp: 25593
Ion Ratio Lower Upper
74 100
45 75.7 40.5 121.5





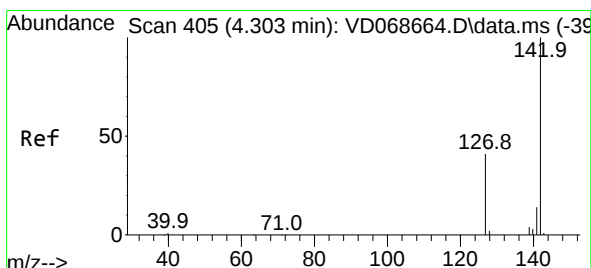
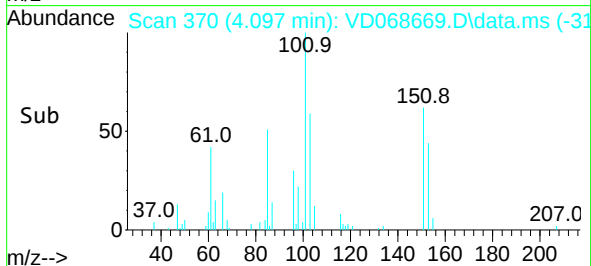
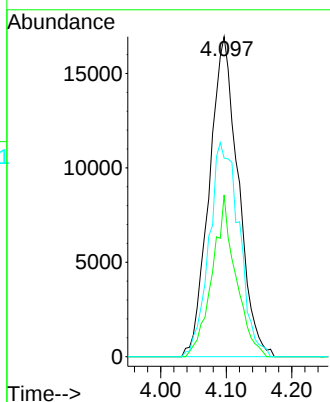
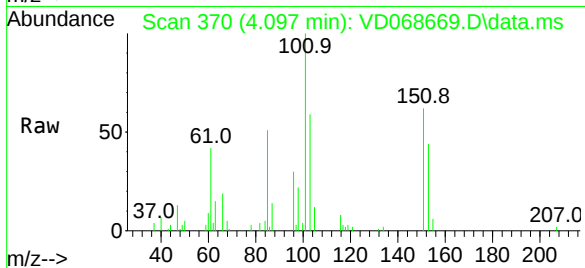
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.77 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD068669.D
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Tgt Ion:	101	Resp:	51893
Ion	Ratio	Lower	Upper
101	100		
85	41.1	33.8	50.6
151	69.7	59.4	89.2

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MSVOA_D
ClientSampleId :
VD0319SBS01

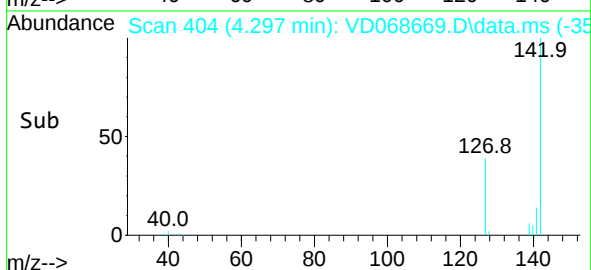
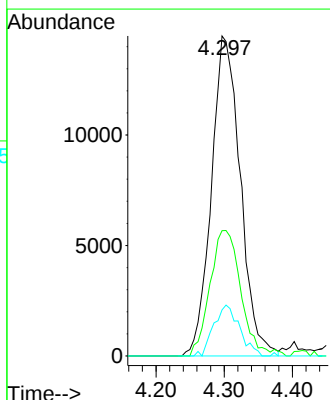
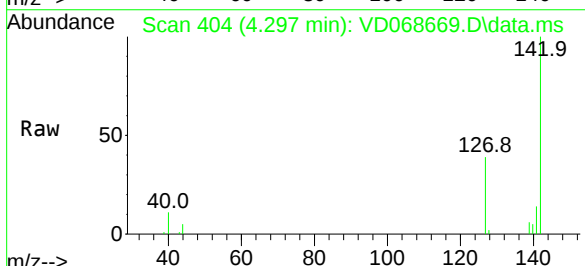
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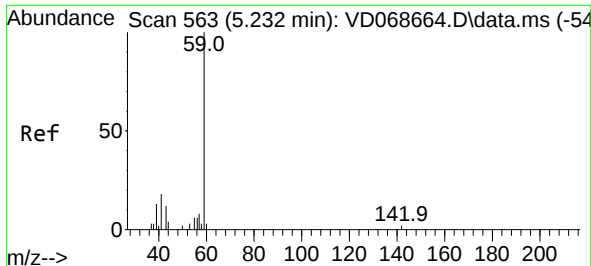
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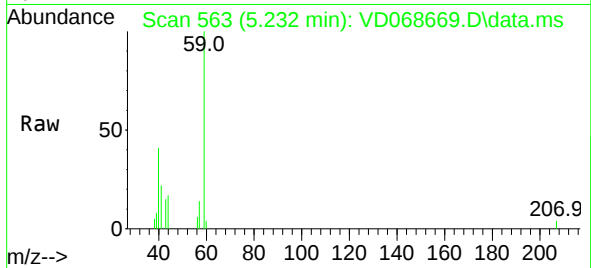
#10
Methyl Iodide
Concen: 16.99 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:	142	Resp:	42751
Ion	Ratio	Lower	Upper
142	100		
127	41.3	34.7	52.1
141	14.2	11.0	16.4

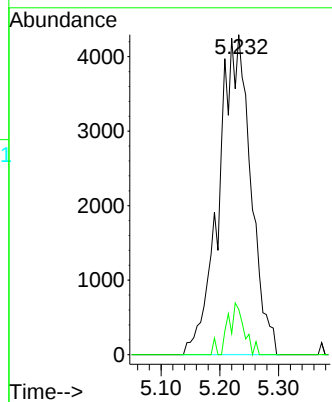
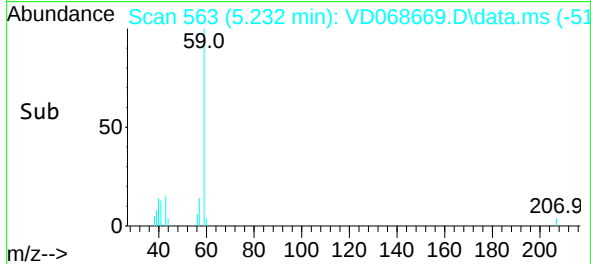




#11
Tert butyl alcohol
Concen: 114.16 ug/l
RT: 5.232 min Scan# 563
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



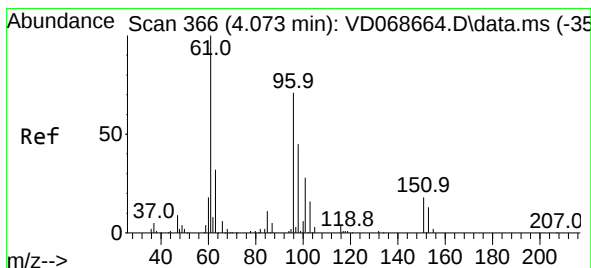
Tgt Ion: 59 Resp: 16323
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8#



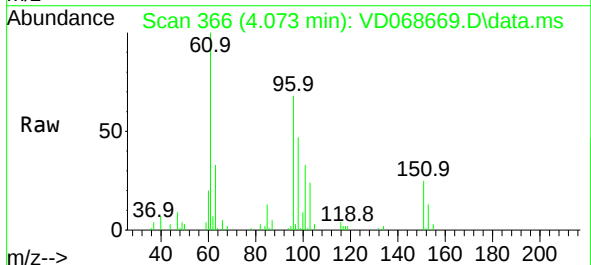
Instrument :
MSVOA_D
ClientSampleId :
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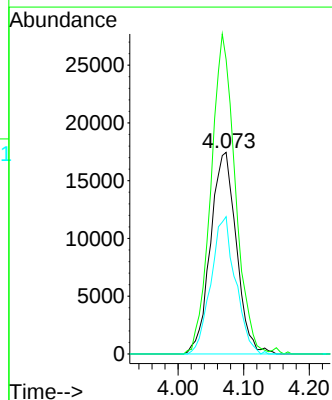
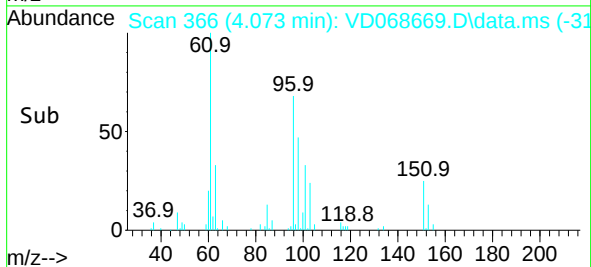
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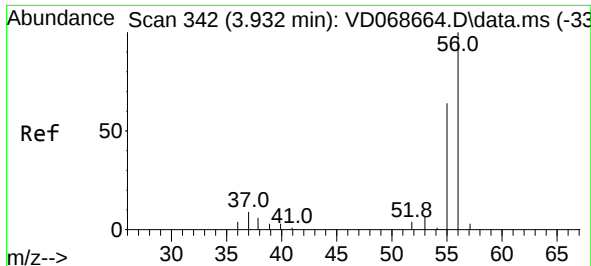


#12
1,1-Dichloroethene
Concen: 19.67 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 96 Resp: 47843
Ion Ratio Lower Upper
96 100
61 146.1 112.2 168.2
98 68.1 50.2 75.2





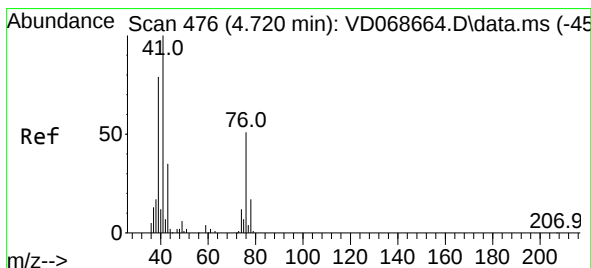
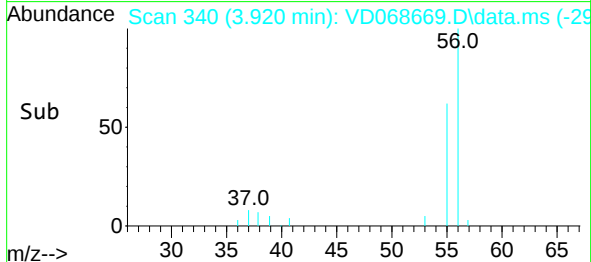
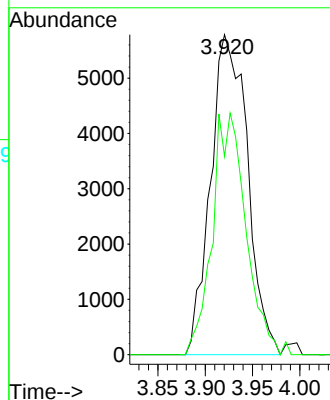
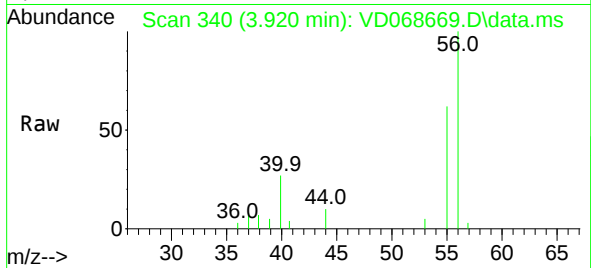
#13
Acrolein
Concen: 124.21 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 56 Resp: 15688
Ion Ratio Lower Upper
56 100
55 68.8 54.7 82.1

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

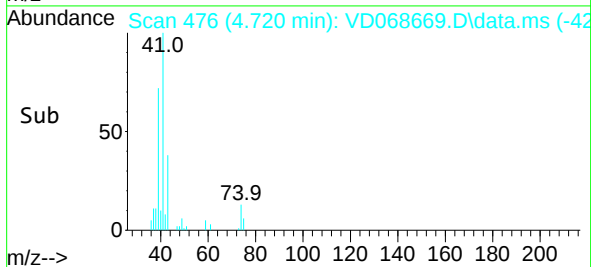
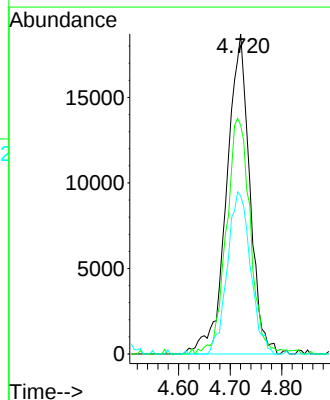
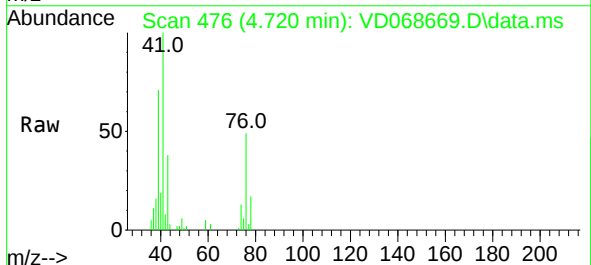
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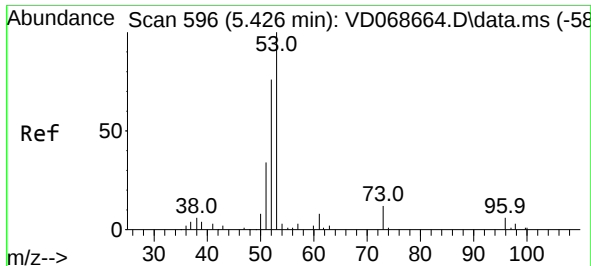
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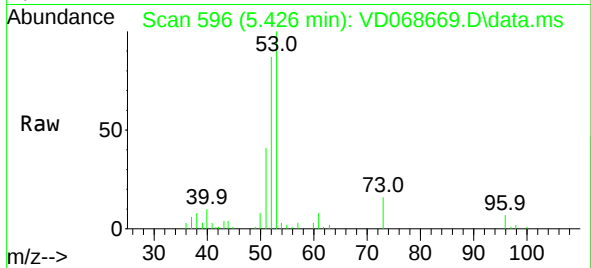
#14
Allyl chloride
Concen: 19.67 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 41 Resp: 58133
Ion Ratio Lower Upper
41 100
39 76.0 60.6 91.0
76 50.7 40.4 60.6

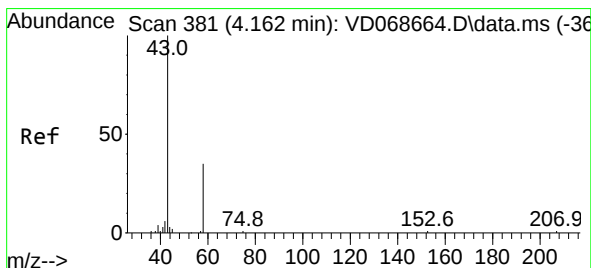
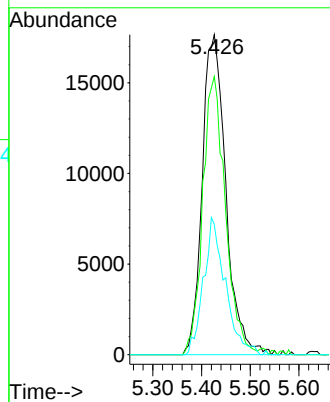
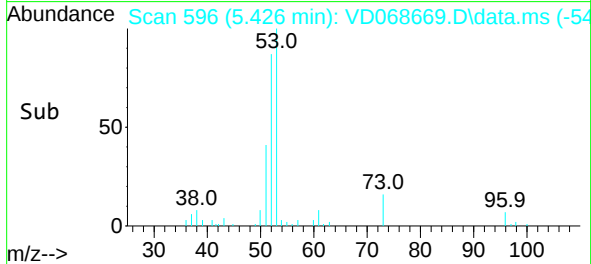




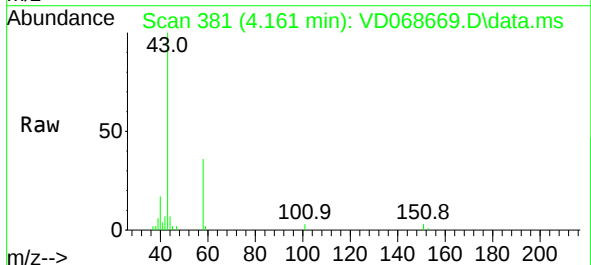
#15
Acrylonitrile
Concen: 105.83 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



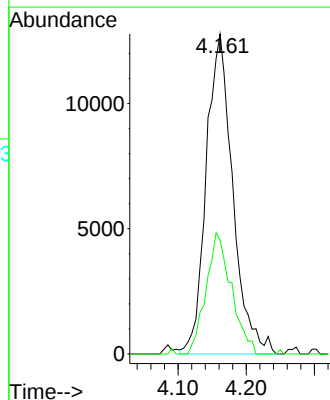
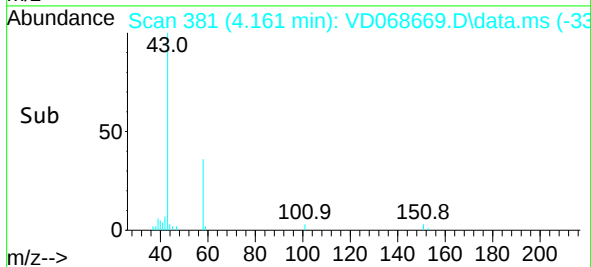
Tgt Ion:	53	Resp:	59481
Ion	Ratio	Lower	Upper
53	100		
52	83.5	63.3	94.9
51	39.6	28.3	42.5



#16
Acetone
Concen: 91.99 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



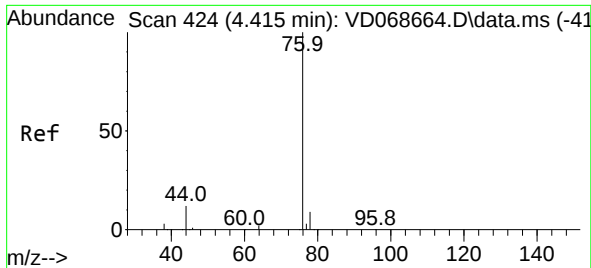
Tgt Ion:	43	Resp:	34632
Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.0	42.0



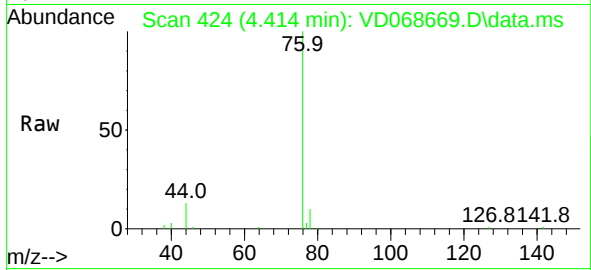
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

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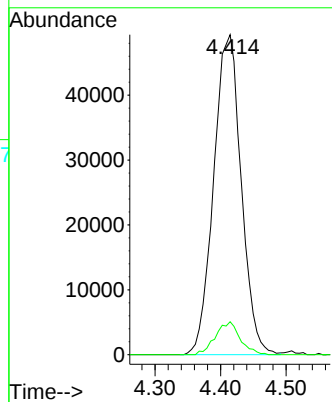
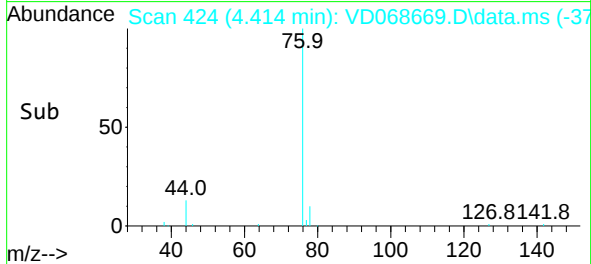
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#17
Carbon Disulfide
Concen: 18.41 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



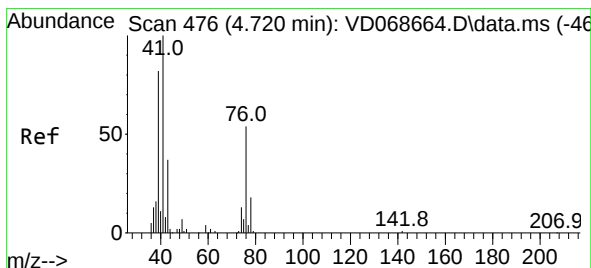
Tgt Ion: 76 Resp: 143780
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



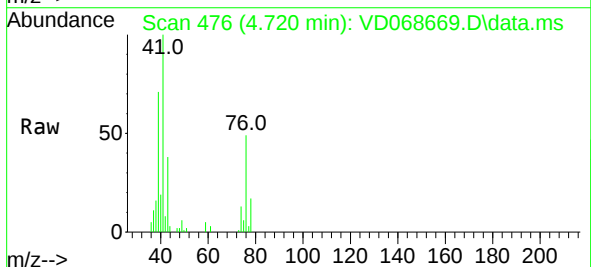
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations
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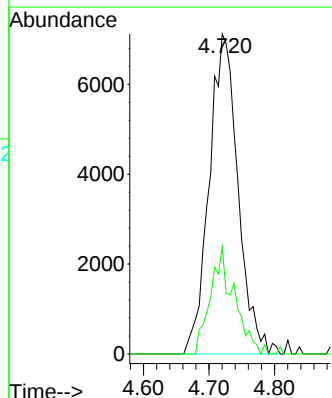
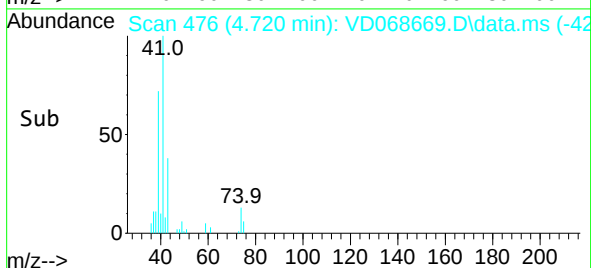
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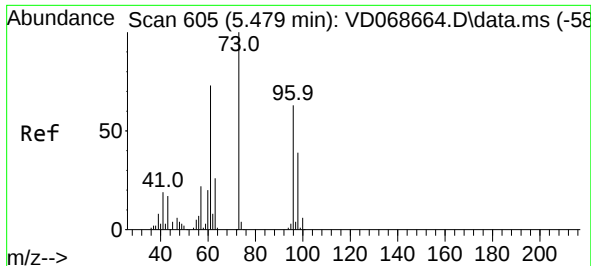


#18
Methyl Acetate
Concen: 21.04 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 43 Resp: 21775
Ion Ratio Lower Upper
43 100
74 27.8 25.4 38.2





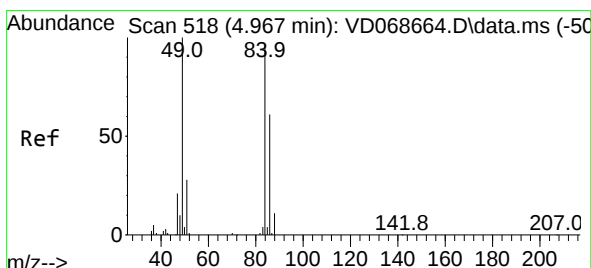
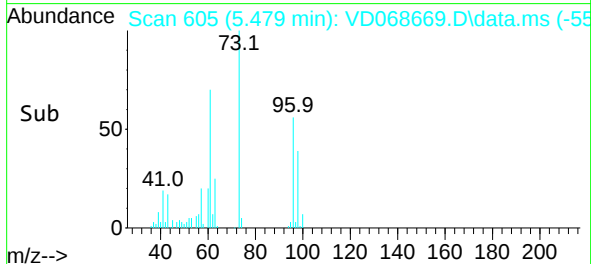
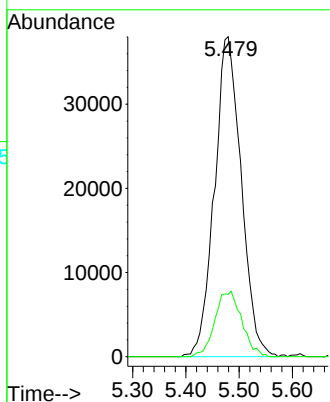
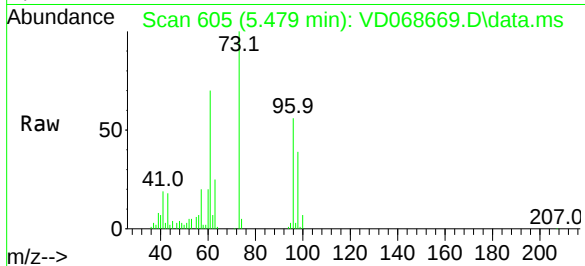
#19
Methyl tert-butyl Ether
Concen: 21.63 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 73 Resp: 132509
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

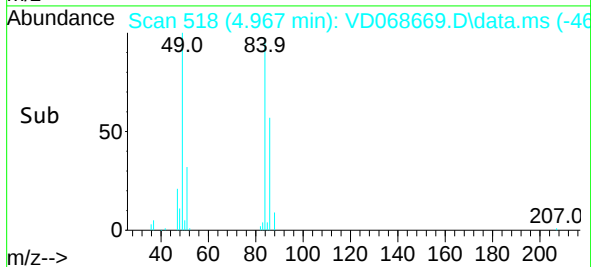
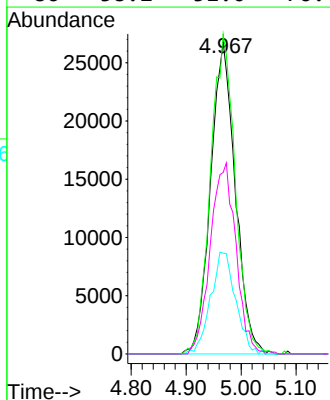
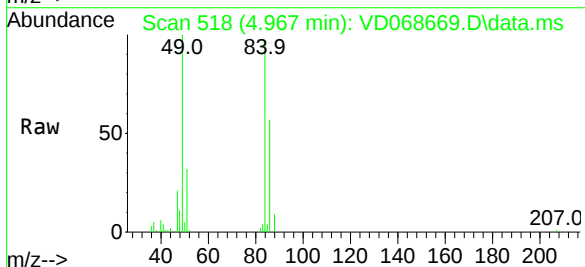
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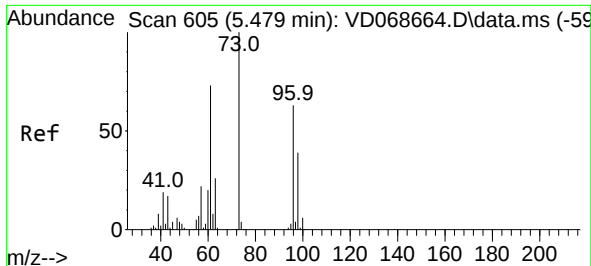
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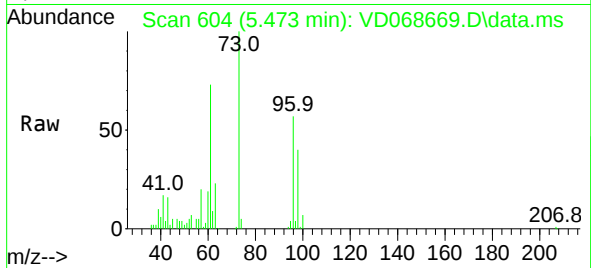
#20
Methylene Chloride
Concen: 22.35 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 84 Resp: 83582
Ion Ratio Lower Upper
84 100
49 102.6 83.4 125.0
51 32.3 23.4 35.2
86 58.2 51.0 76.4

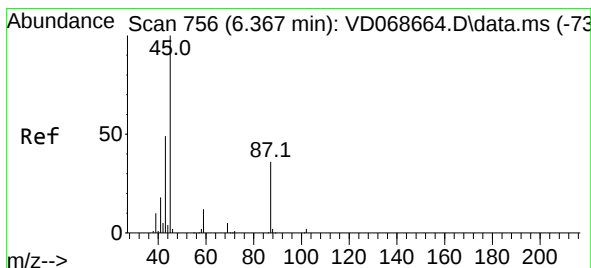
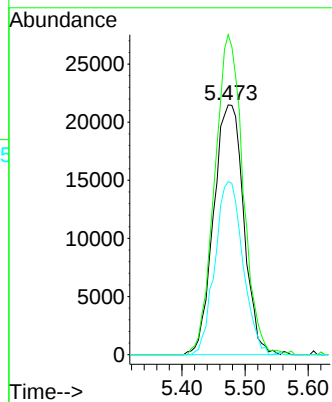
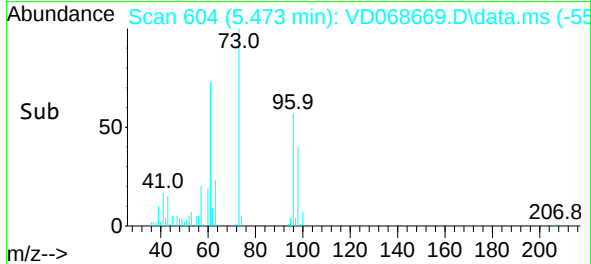




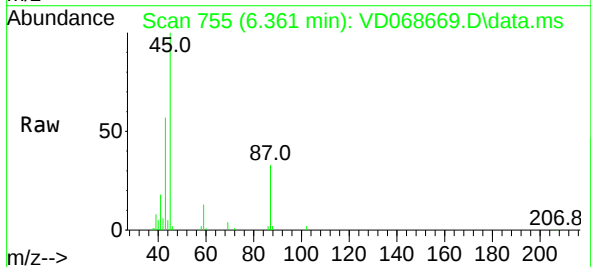
#21
trans-1,2-Dichloroethene
Concen: 20.95 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



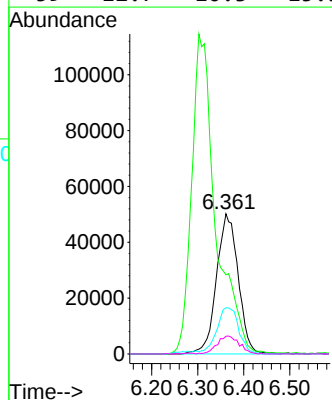
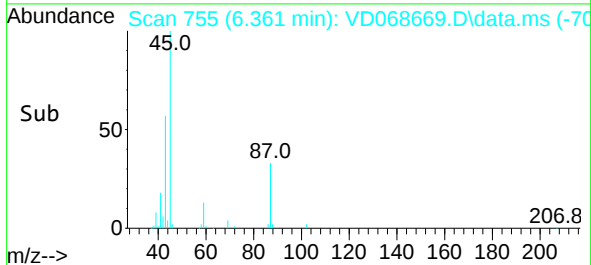
Tgt Ion: 96 Resp: 70866
Ion Ratio Lower Upper
96 100
61 128.1 91.8 137.6
98 69.3 49.3 73.9



#22
Diisopropyl ether
Concen: 21.79 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



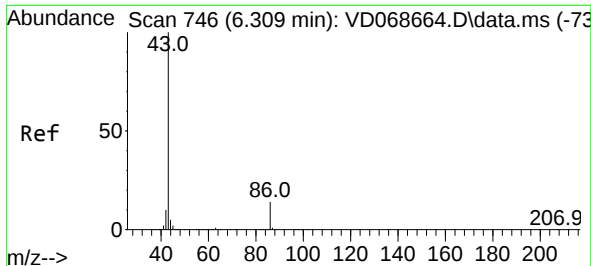
Tgt Ion: 45 Resp: 163645
Ion Ratio Lower Upper
45 100
43 55.8 41.8 62.8
87 33.0 29.2 43.8
59 12.7 10.3 15.5



Instrument :
MSVOA_D
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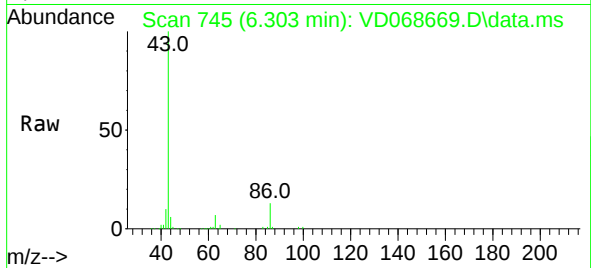
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#23
 Vinyl Acetate
 Concen: 103.75 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43

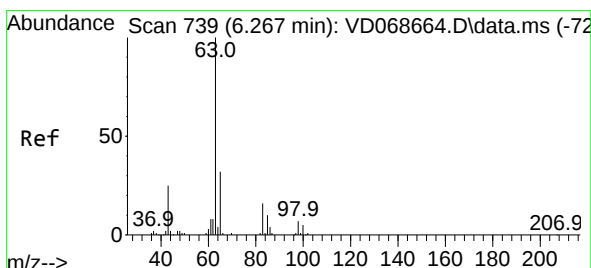
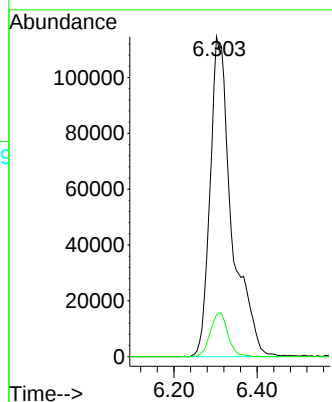
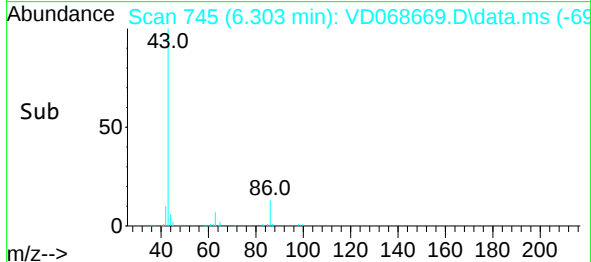
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01



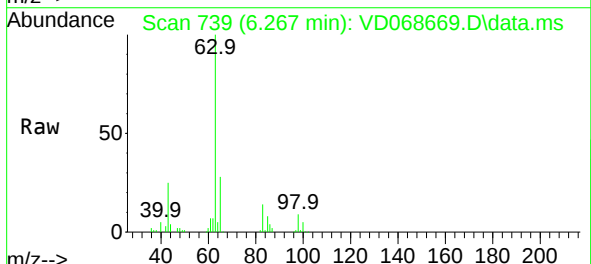
Tgt Ion: 43 Resp: 414014
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.0 16.6

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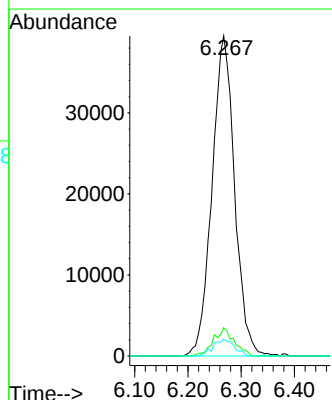
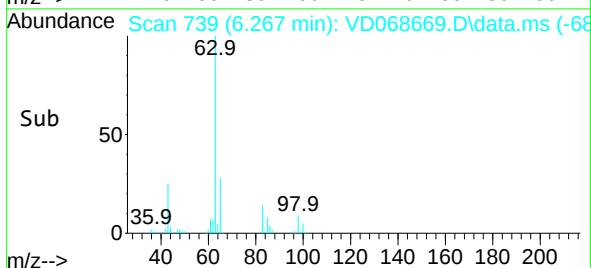
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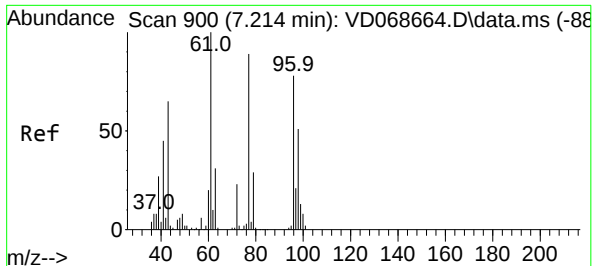


#24
 1,1-Dichloroethane
 Concen: 21.09 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43



Tgt Ion: 63 Resp: 116171
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.8 11.2
 100 5.3 2.3 6.9





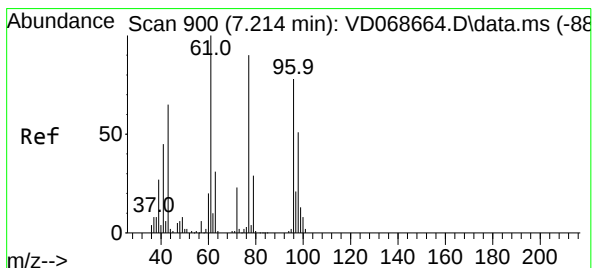
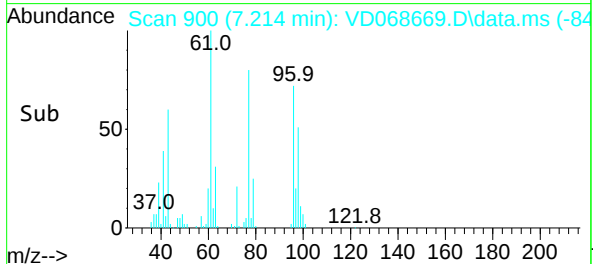
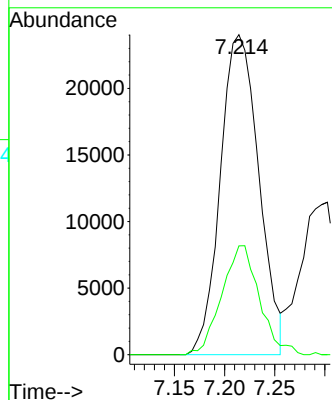
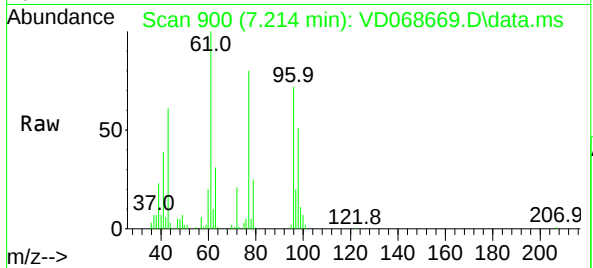
#25
2-Butanone
Concen: 102.93 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 43 Resp: 64206
Ion Ratio Lower Upper
43 100
72 34.0 28.6 43.0

Instrument :
MSVOA_D
ClientSampleId :
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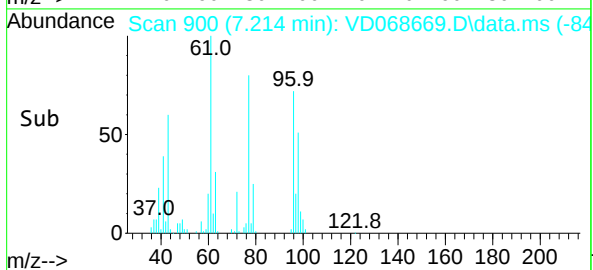
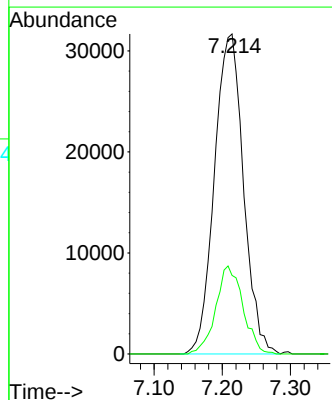
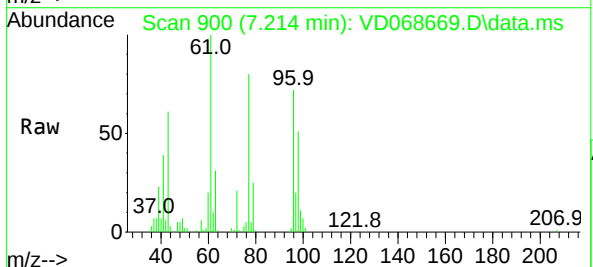
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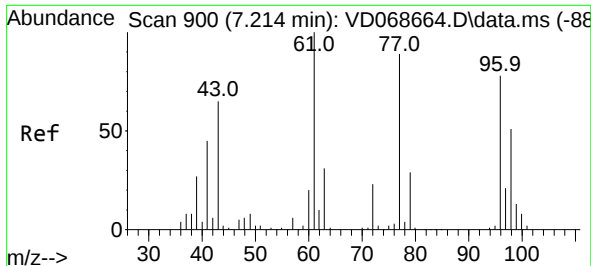
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#26
2,2-Dichloropropane
Concen: 19.16 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 77 Resp: 93918
Ion Ratio Lower Upper
77 100
97 25.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.38 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

Tgt Ion:	96	Resp:	80566
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	258.8
98	65.4	0.0	128.4

Instrument :

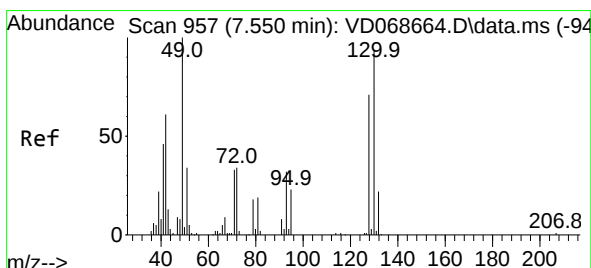
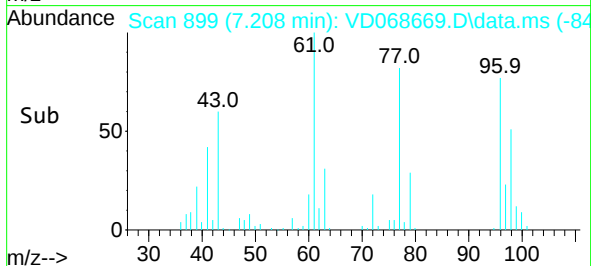
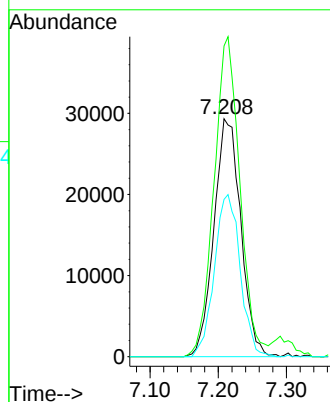
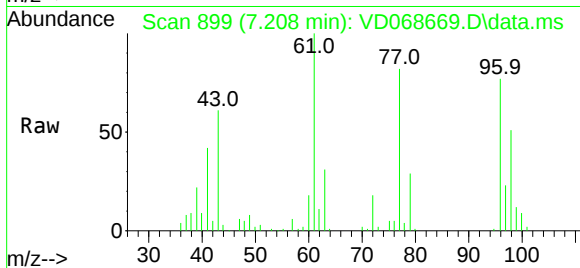
MSVOA_D

ClientSampleId :

VD0319SBS01

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#28

Bromochloromethane

Concen: 19.16 ug/l

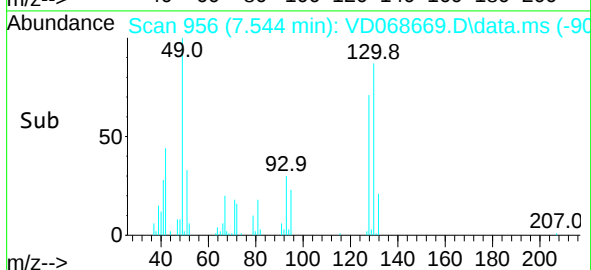
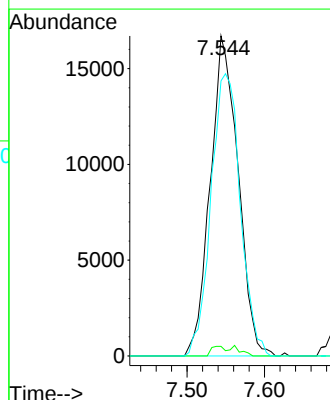
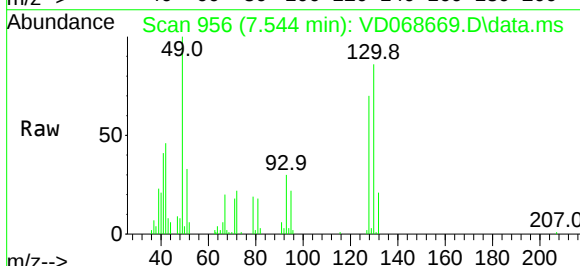
RT: 7.544 min Scan# 956

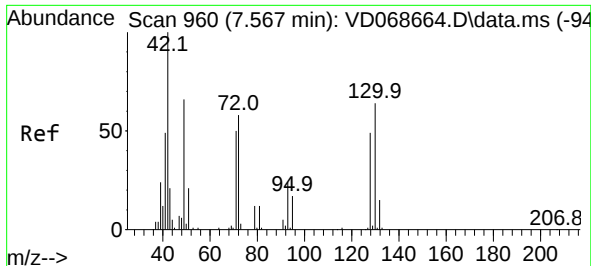
Delta R.T. -0.006 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

Tgt Ion:	49	Resp:	41732
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.2
130	92.8	74.6	112.0





#29

Tetrahydrofuran

Concen: 105.29 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068669.D

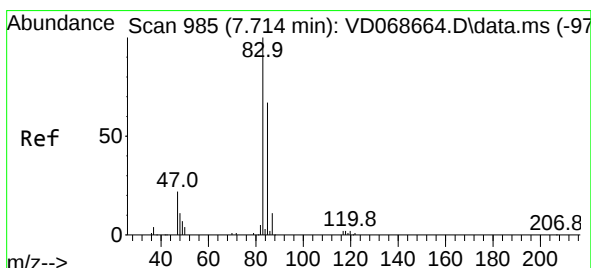
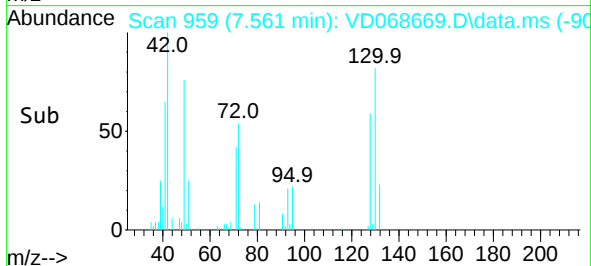
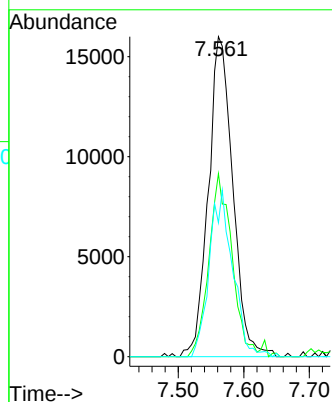
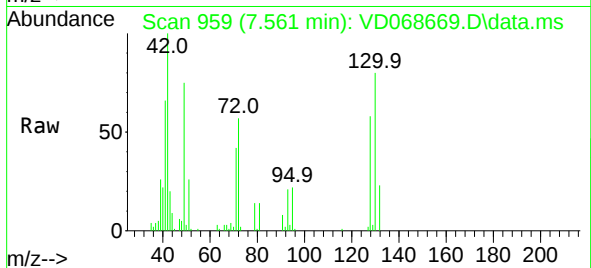
Acq: 19 Mar 2021 18:43

Tgt Ion:	42	Resp:	41516
Ion	Ratio	Lower	Upper
42	100		
72	53.7	45.2	67.8
71	49.9	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

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#30

Chloroform

Concen: 21.22 ug/l

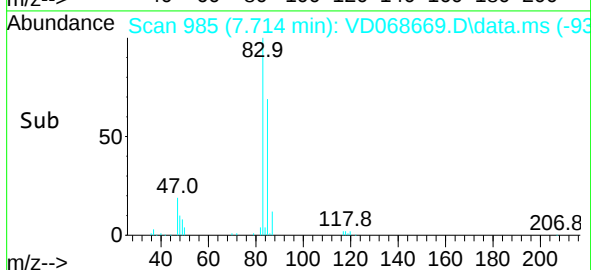
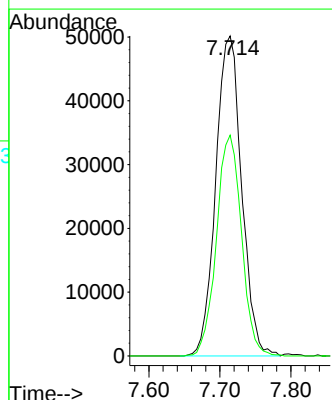
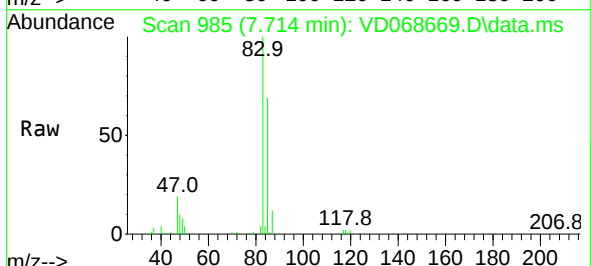
RT: 7.714 min Scan# 985

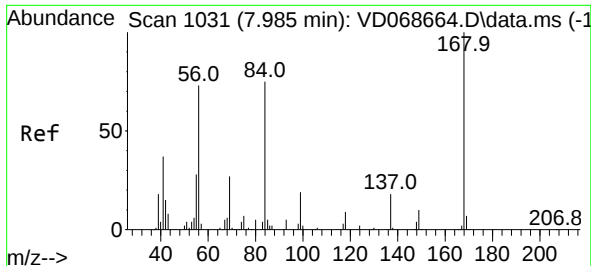
Delta R.T. -0.000 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

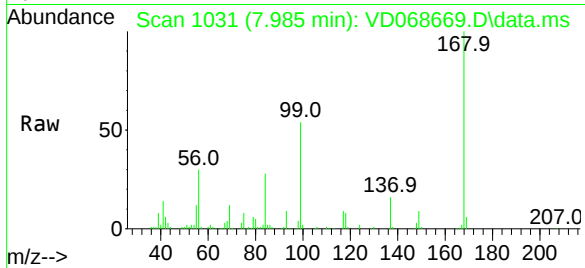
Tgt Ion:	83	Resp:	127020
Ion	Ratio	Lower	Upper
83	100		
85	69.0	53.3	79.9





#31
Cyclohexane
Concen: 19.16 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

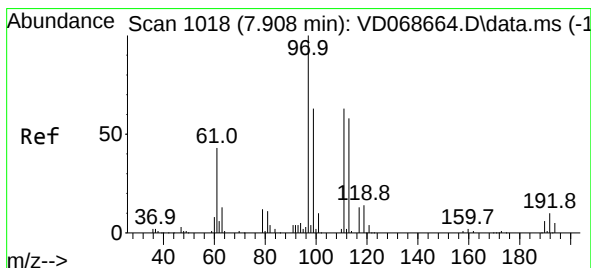
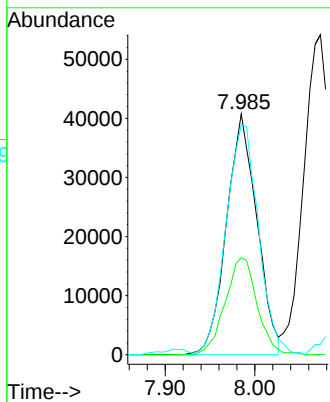
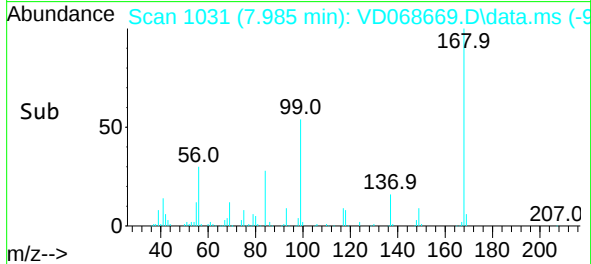
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



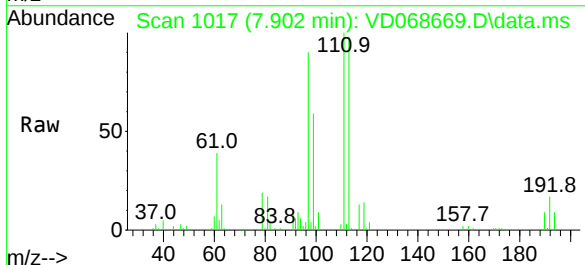
Tgt Ion: 56 Resp: 95951
Ion Ratio Lower Upper
56 100
69 40.2 30.0 45.0
84 93.3 82.0 123.0

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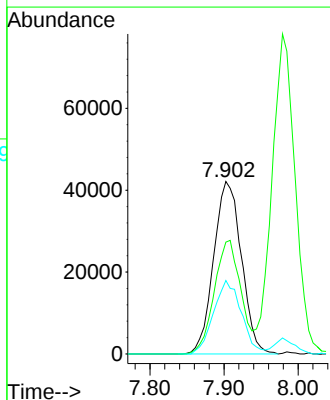
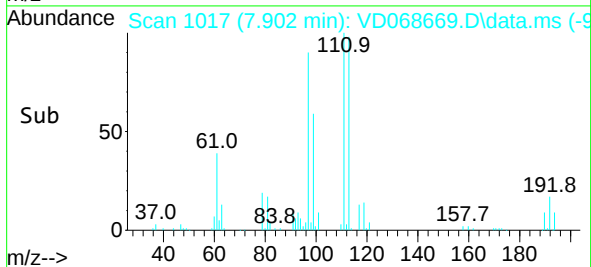
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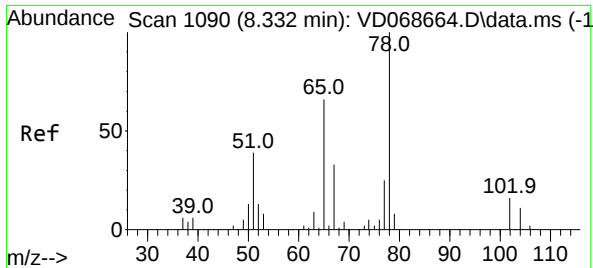


#32
1,1,1-Trichloroethane
Concen: 20.51 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 97 Resp: 109636
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 42.6 33.7 50.5





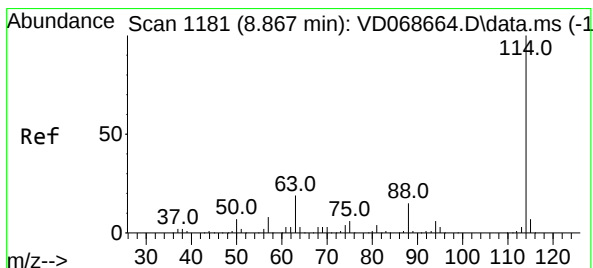
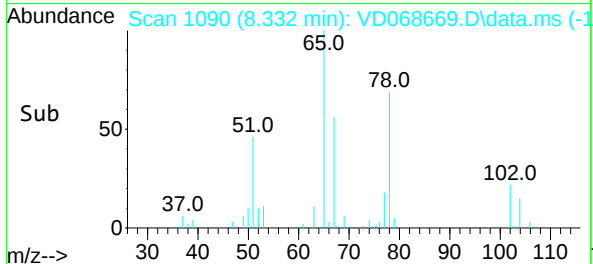
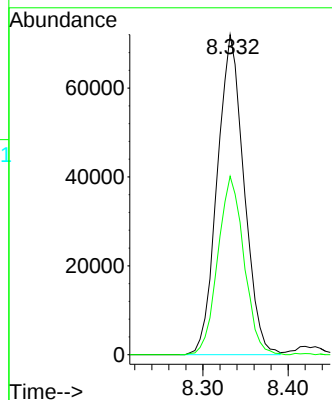
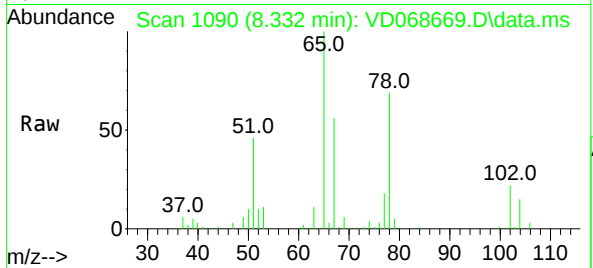
#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 65 Resp: 157221
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

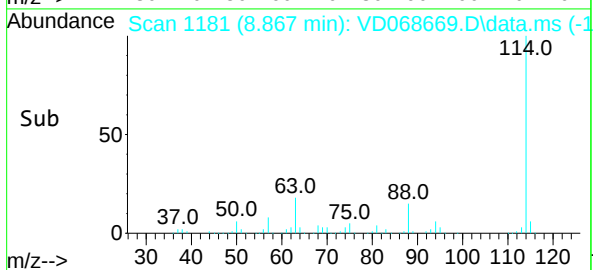
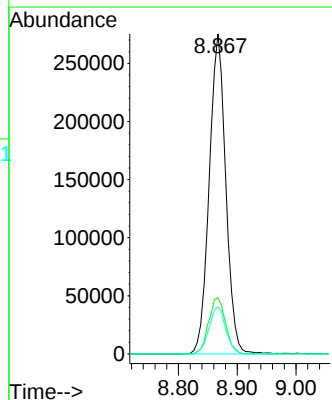
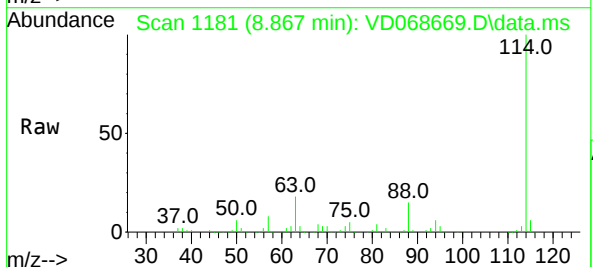
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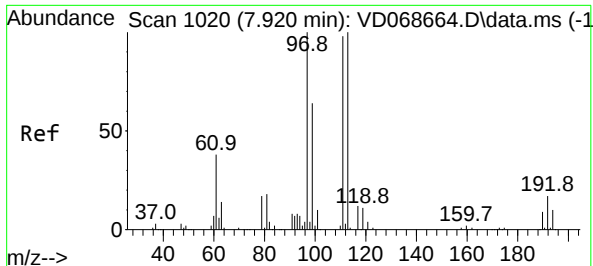
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 114 Resp: 539430
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

Tgt Ion: 113 Resp: 167358

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 18.7 15.1 22.7

Instrument :

MSVOA_D

ClientSampleId :

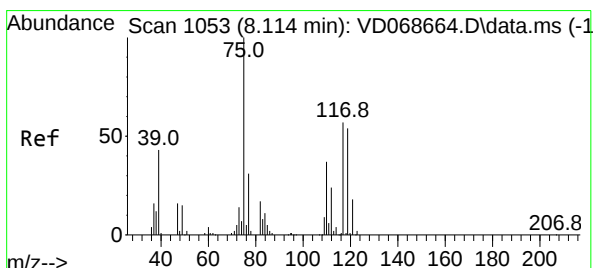
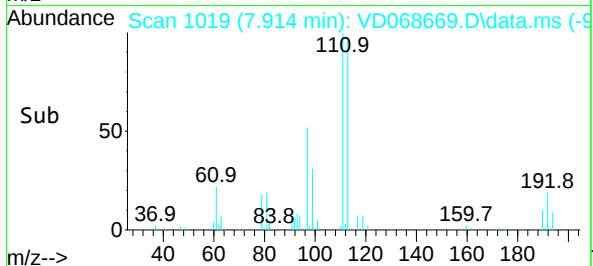
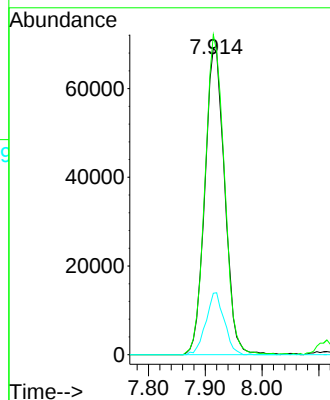
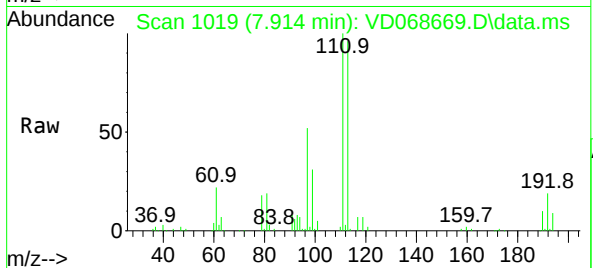
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#36

1,1-Dichloropropene

Concen: 19.97 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

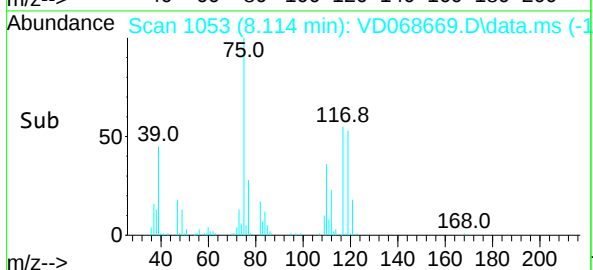
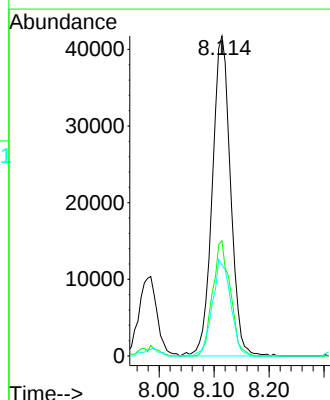
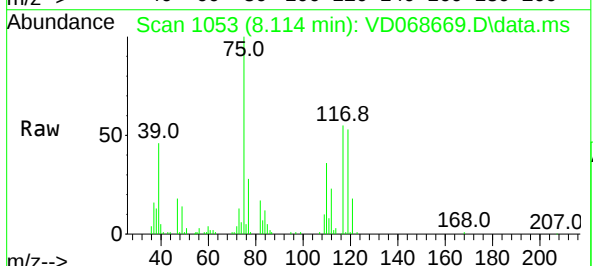
Tgt Ion: 75 Resp: 96199

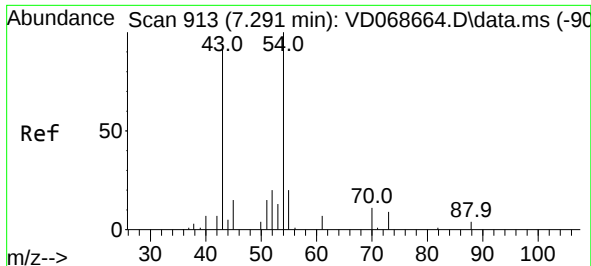
Ion Ratio Lower Upper

75 100

110 34.8 18.1 54.4

77 30.1 24.7 37.1





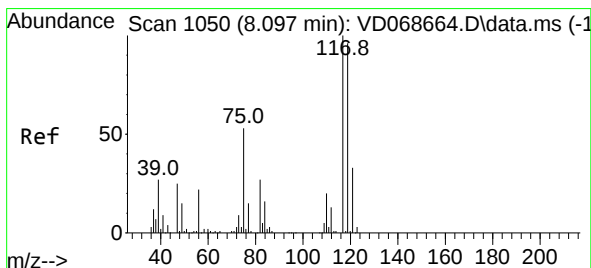
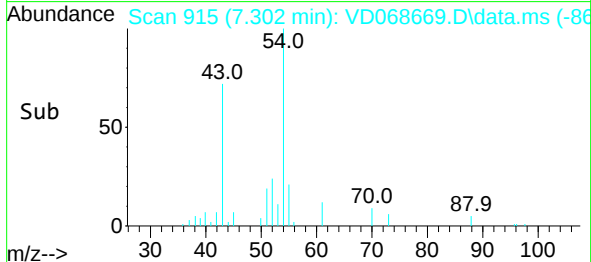
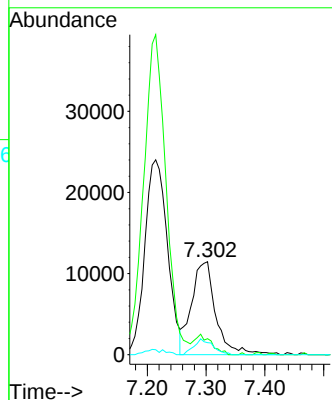
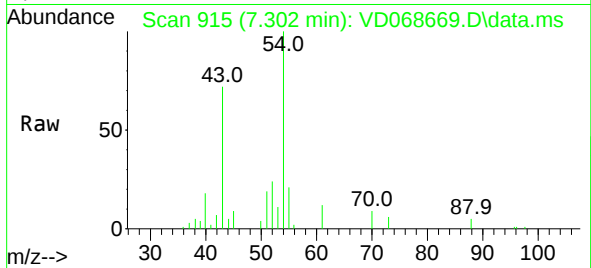
#37
Ethyl Acetate
Concen: 21.73 ug/l
RT: 7.302 min Scan# 915
Delta R.T. 0.012 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 43 Resp: 33047
Ion Ratio Lower Upper
43 100
61 15.1 14.2 21.4
70 13.0 9.4 14.0

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

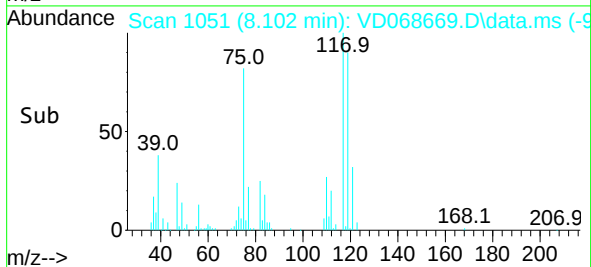
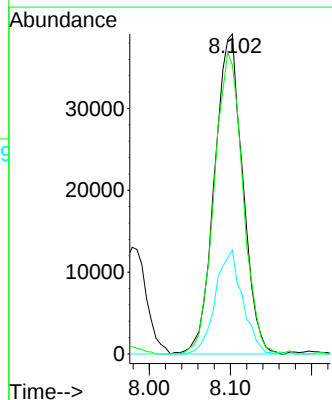
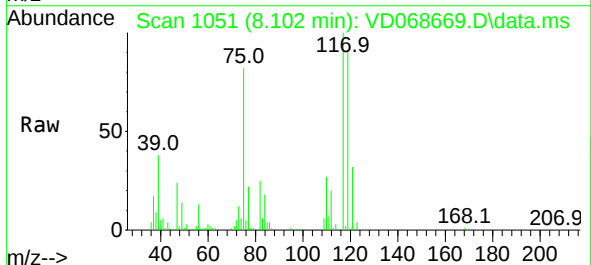
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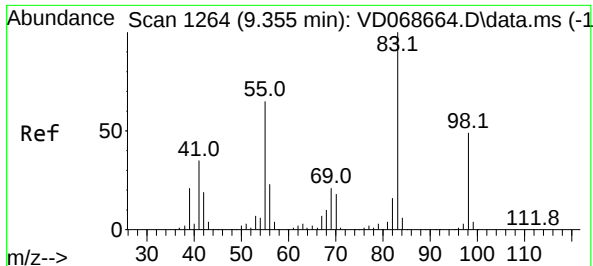
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#38
Carbon Tetrachloride
Concen: 19.63 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 117 Resp: 94409
Ion Ratio Lower Upper
117 100
119 90.3 76.6 115.0
121 32.4 26.1 39.1





#39

Methylcyclohexane

Concen: 18.56 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

Tgt Ion: 83 Resp: 110390

Ion Ratio Lower Upper

83 100

55 68.8 51.7 77.5

98 50.0 38.8 58.2

Instrument :

MSVOA_D

ClientSampleId :

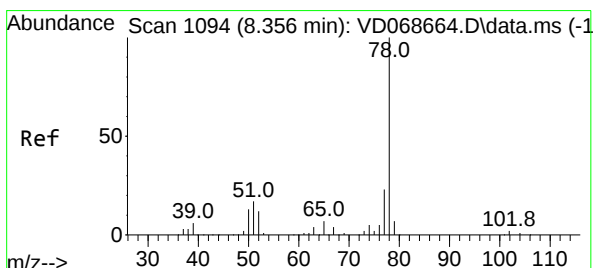
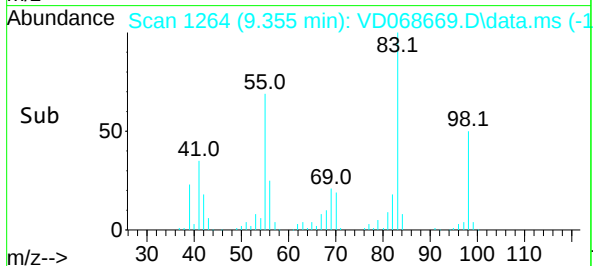
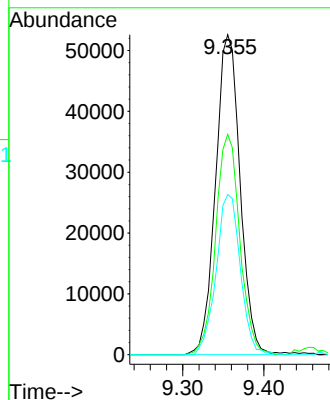
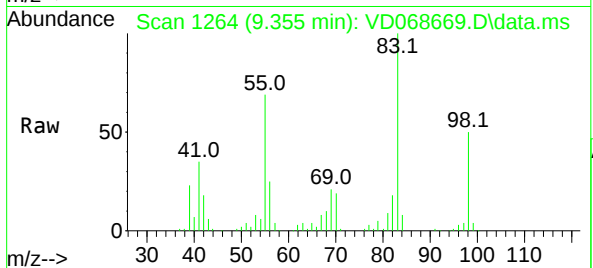
VD0319SBS01

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#40

Benzene

Concen: 20.16 ug/l

RT: 8.355 min Scan# 1094

Delta R.T. -0.000 min

Lab File: VD068669.D

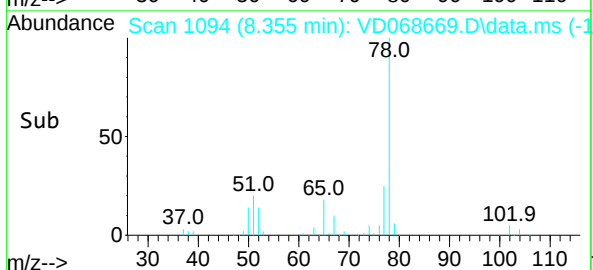
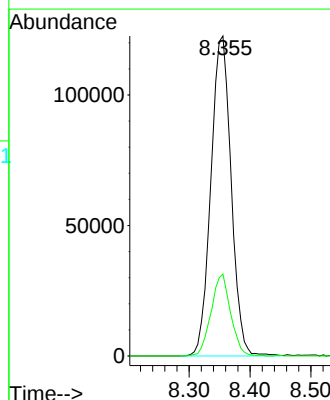
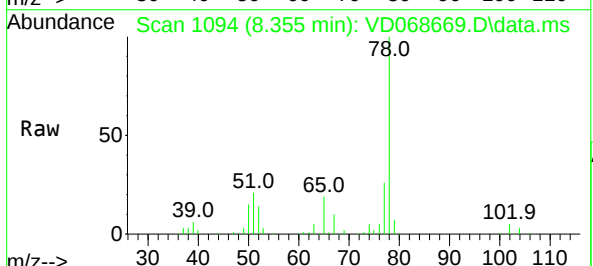
Acq: 19 Mar 2021 18:43

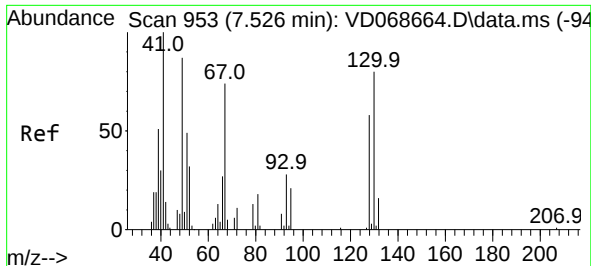
Tgt Ion: 78 Resp: 283346

Ion Ratio Lower Upper

78 100

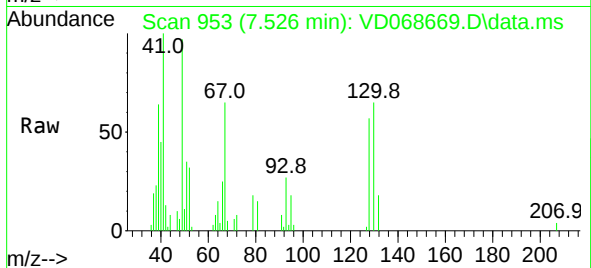
77 25.6 18.2 27.2





#41
Methacrylonitrile
Concen: 21.16 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

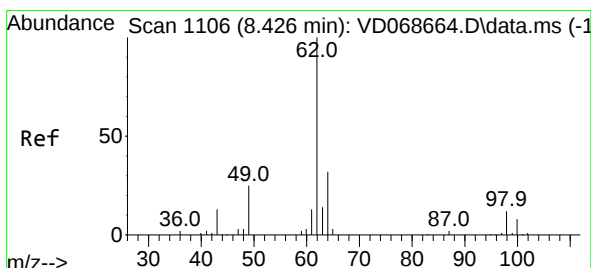
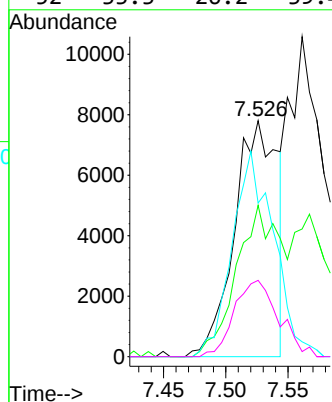
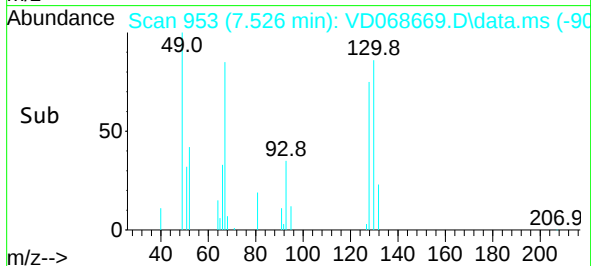
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



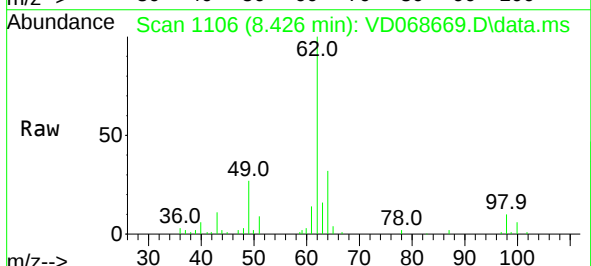
Tgt Ion: 41 Resp: 18829
Ion Ratio Lower Upper
41 100
39 66.3 43.2 64.8#
67 84.1 63.9 95.9
52 33.3 26.2 39.4

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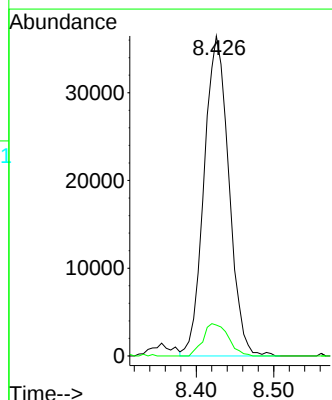
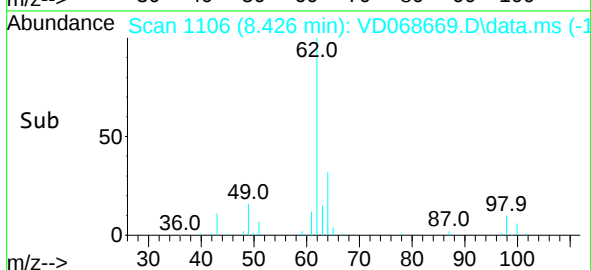
MMDadoda
3/22/2021 11:37:05 AM

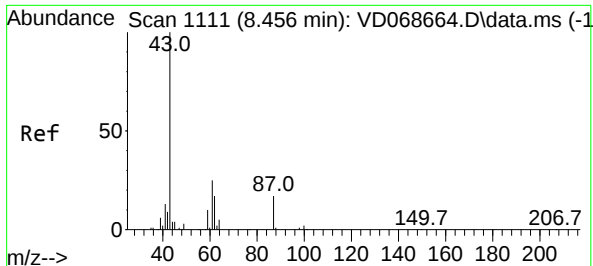


#42
1,2-Dichloroethane
Concen: 22.03 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 62 Resp: 81027
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.6

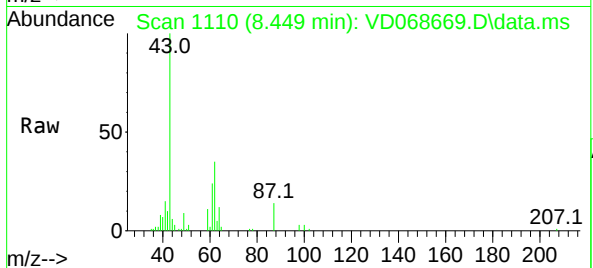




#43

Isopropyl Acetate
Concen: 21.14 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

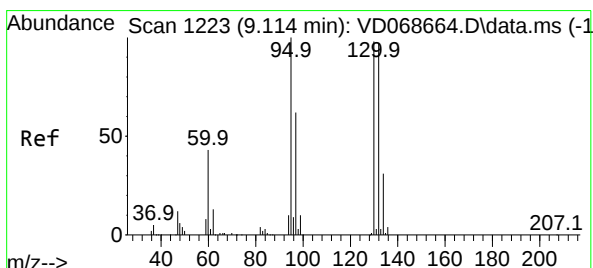
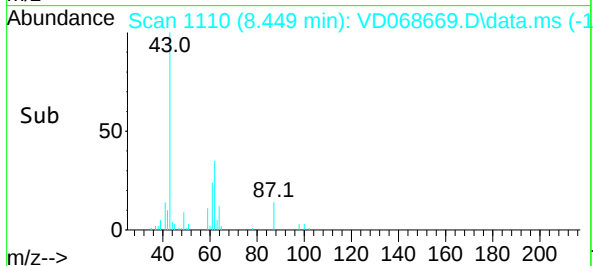
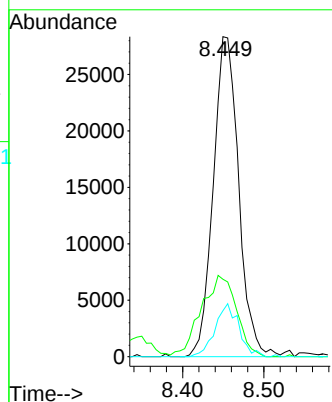
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



Tgt Ion: 43 Resp: 61646
Ion Ratio Lower Upper
43 100
61 35.3 29.5 44.3
87 15.6 13.5 20.3

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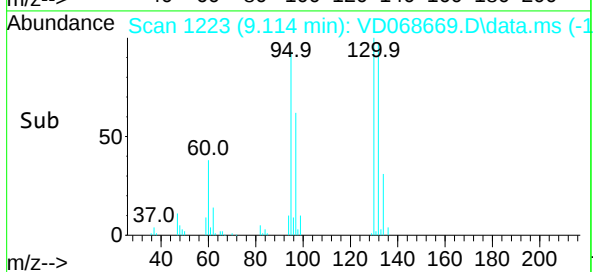
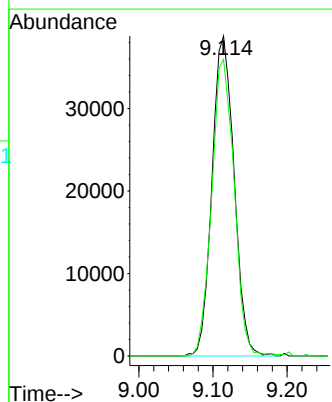
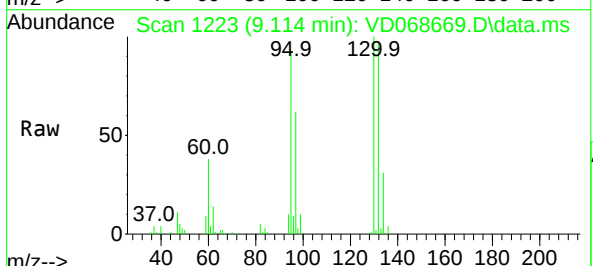
MMDadoda
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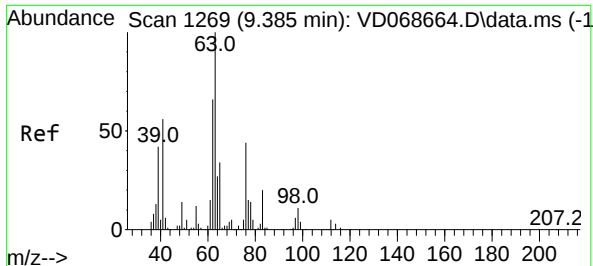


#44

Trichloroethene
Concen: 20.57 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

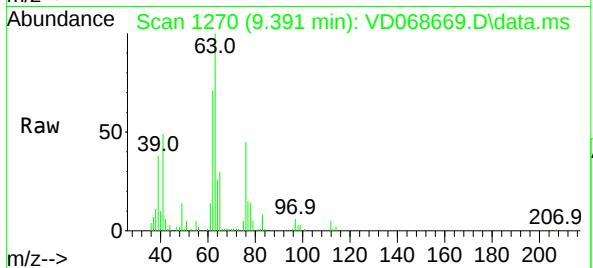
Tgt Ion:130 Resp: 80239
Ion Ratio Lower Upper
130 100
95 92.7 0.0 203.8





#45
1,2-Dichloropropane
Concen: 21.51 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

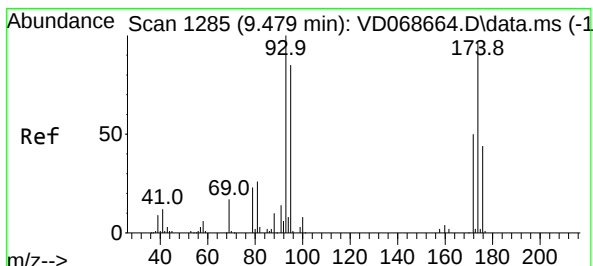
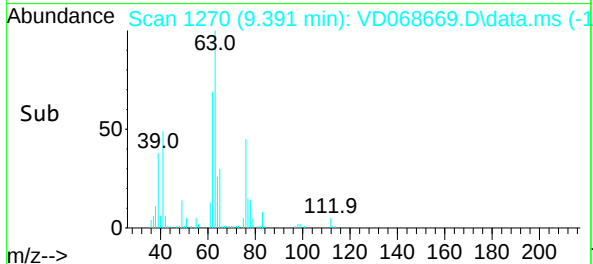
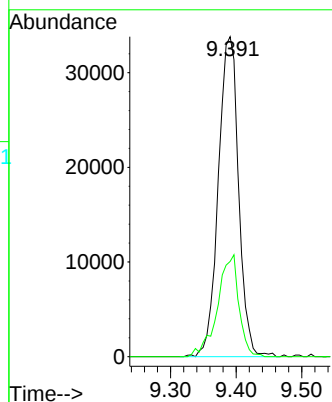
Instrument :
MSVOA_D
ClientSampled :
VD0319SBS01



Tgt Ion: 63 Resp: 72333
Ion Ratio Lower Upper
63 100
65 29.8 27.0 40.4

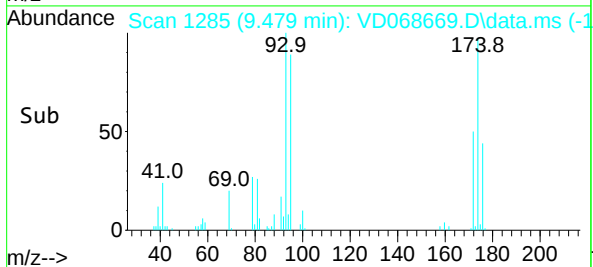
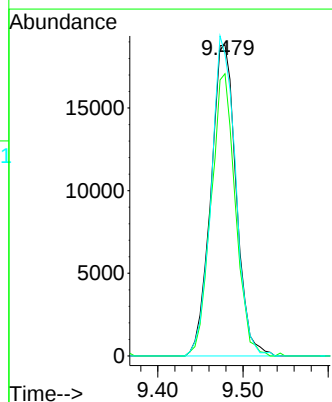
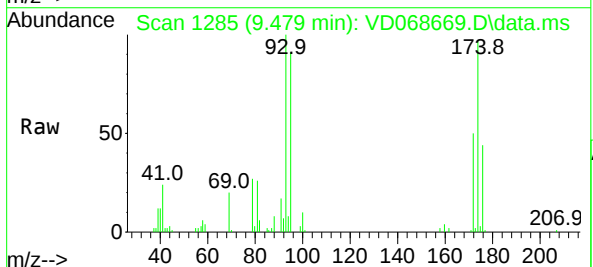
Manual Integrations
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3/22/2021 11:37:05 AM



#46
Dibromomethane
Concen: 20.35 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 93 Resp: 38915
Ion Ratio Lower Upper
93 100
95 86.7 64.5 96.7
174 98.4 75.3 112.9





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VD068669.D

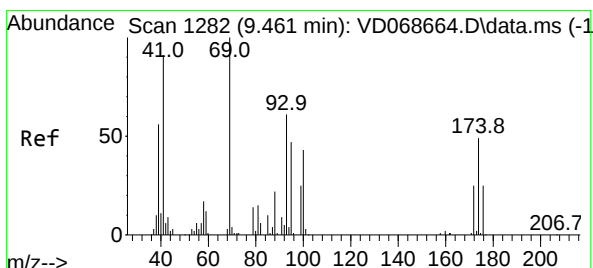
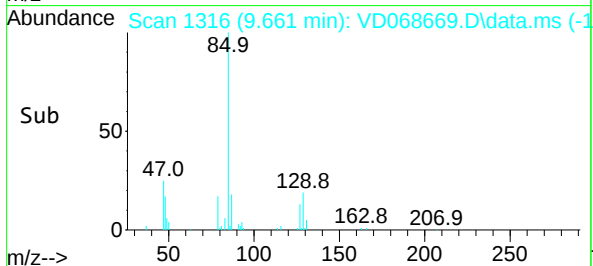
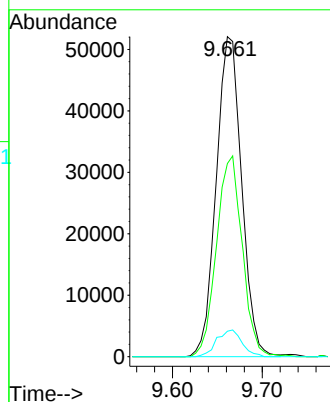
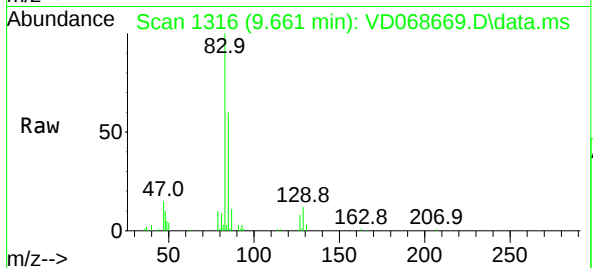
Acq: 19 Mar 2021 18:43

Tgt Ion:	83	Resp:	102564
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.0	76.6
127	7.9	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations
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3/22/2021 11:37:05 AM



#48

Methyl methacrylate

Concen: 19.22 ug/l

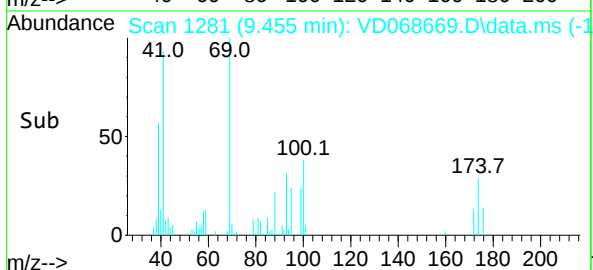
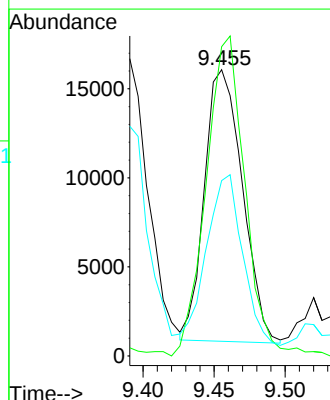
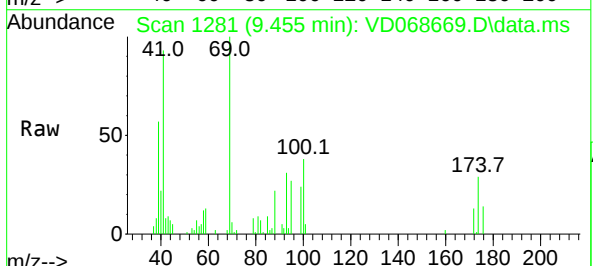
RT: 9.455 min Scan# 1281

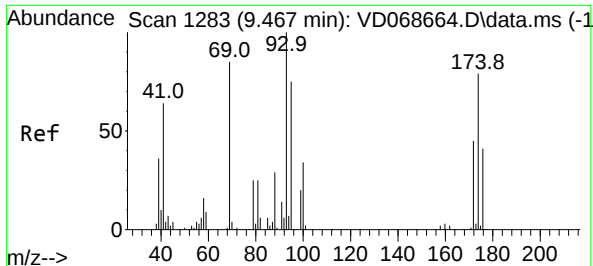
Delta R.T. -0.006 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

Tgt Ion:	41	Resp:	28409
Ion	Ratio	Lower	Upper
41	100		
69	120.4	83.0	124.6
39	59.7	47.0	70.6





#49

1,4-Dioxane

Concen: 415.72 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD068669.D

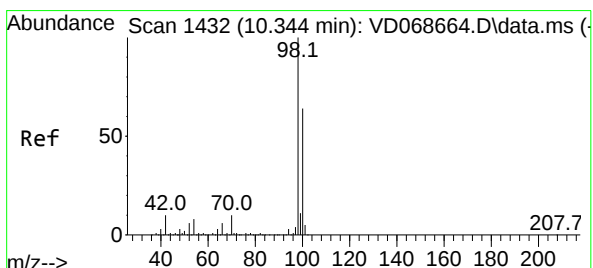
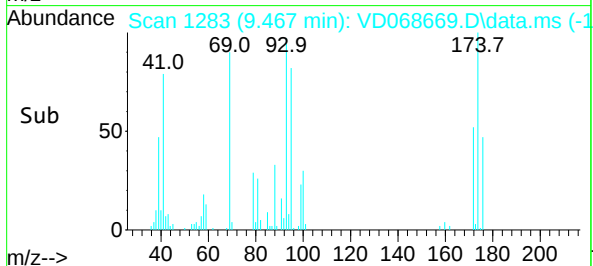
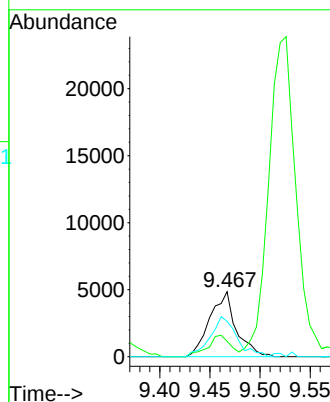
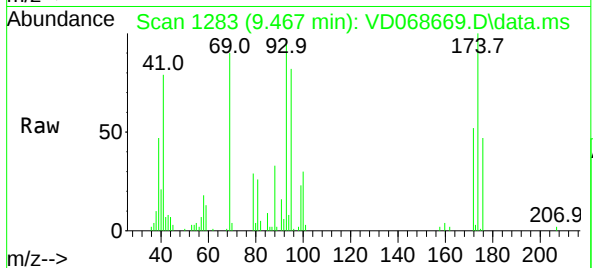
Acq: 19 Mar 2021 18:43

Tgt Ion:	88	Resp:	8834
Ion	Ratio	Lower	Upper
88	100		
43	28.7	25.8	38.8
58	62.1	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations
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#50

Toluene-d8

Concen: 50.01 ug/l

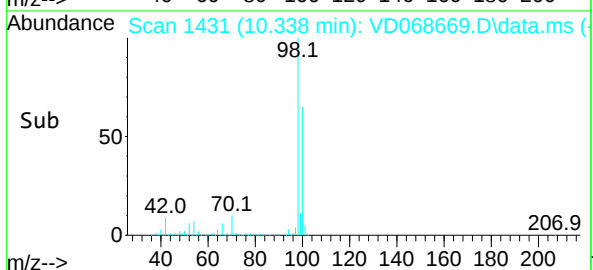
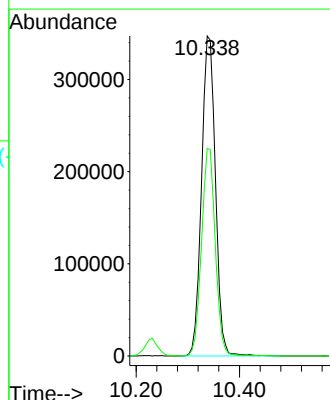
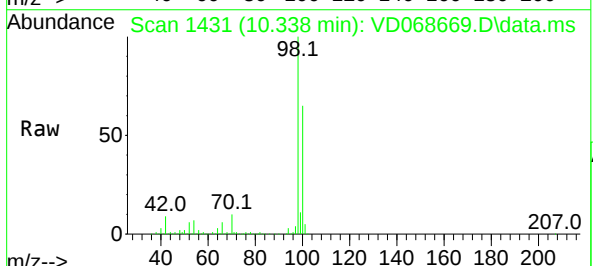
RT: 10.338 min Scan# 1431

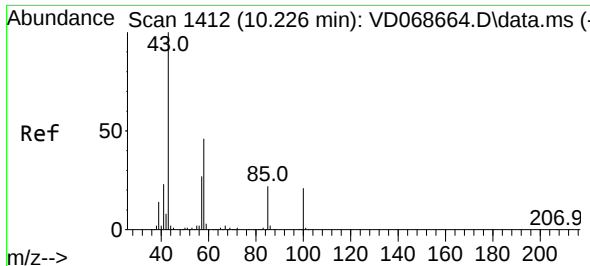
Delta R.T. -0.006 min

Lab File: VD068669.D

Acq: 19 Mar 2021 18:43

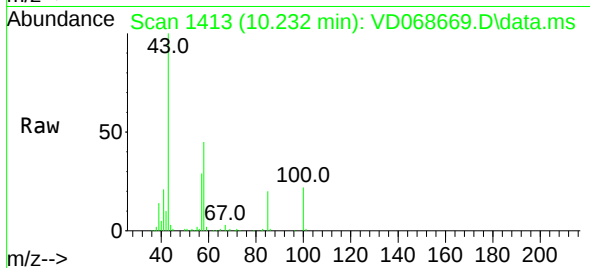
Tgt Ion:	98	Resp:	647162
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 101.79 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

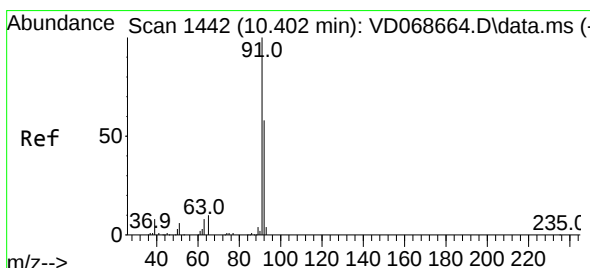
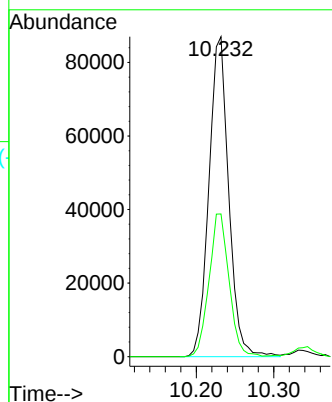
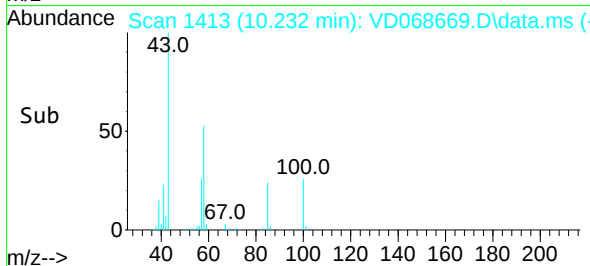
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



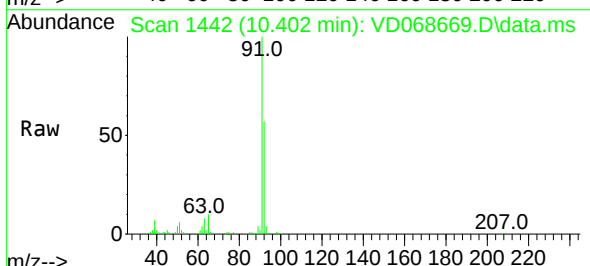
Tgt Ion: 43 Resp: 154547
Ion Ratio Lower Upper
43 100
58 45.4 37.3 55.9

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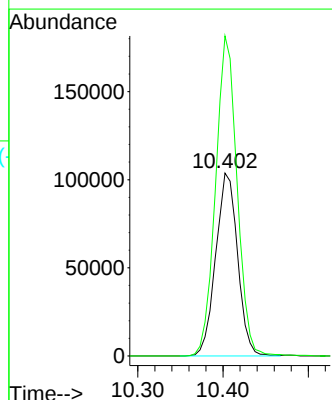
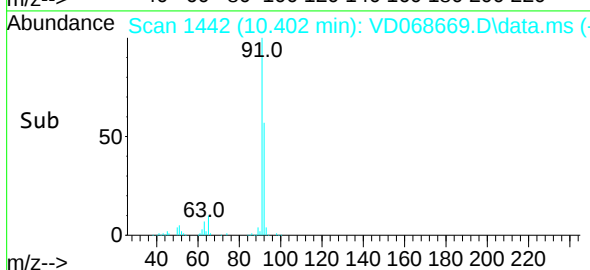
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3/22/2021 11:37:05 AM

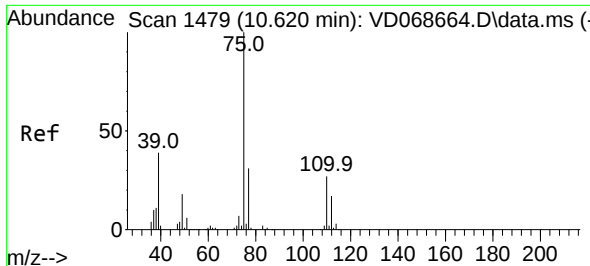


#52
Toluene
Concen: 20.81 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 92 Resp: 185145
Ion Ratio Lower Upper
92 100
91 172.0 139.1 208.7





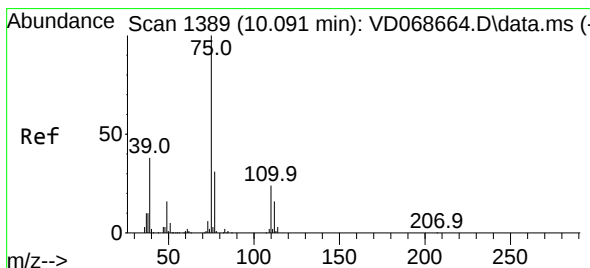
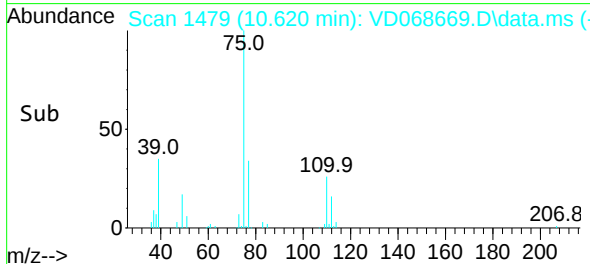
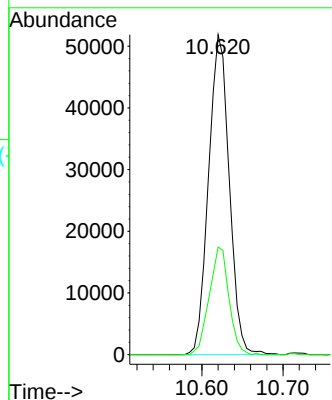
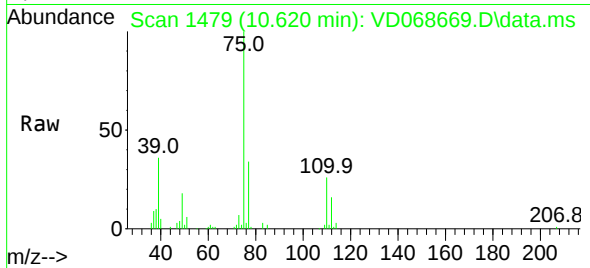
#53
 t-1,3-Dichloropropene
 Concen: 20.35 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43

Tgt Ion: 75 Resp: 91825
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.1 37.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01

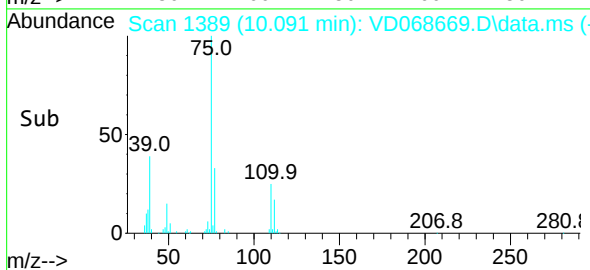
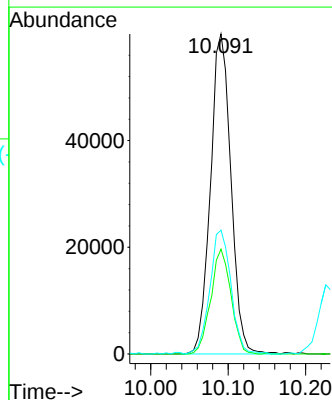
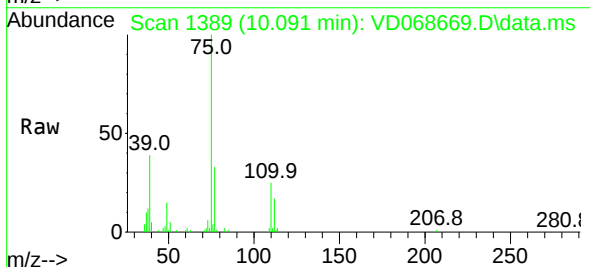
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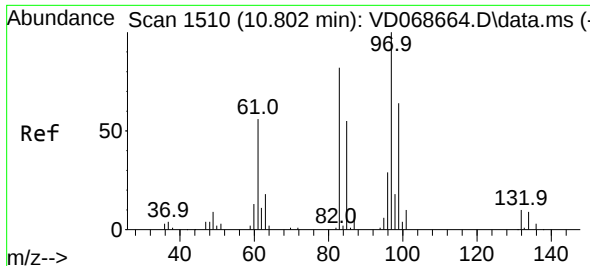
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 3/22/2021 11:37:05 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.55 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43

Tgt Ion: 75 Resp: 110129
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.7 37.1
 39 38.7 30.2 45.2





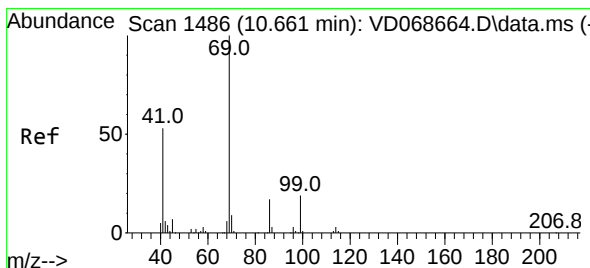
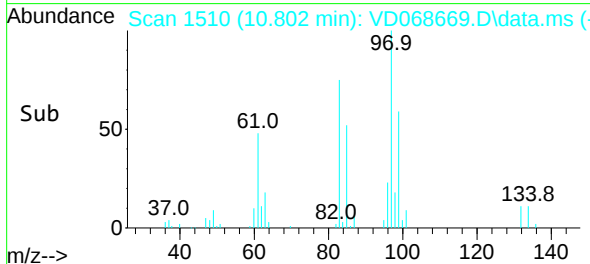
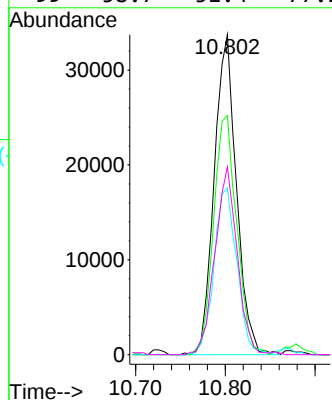
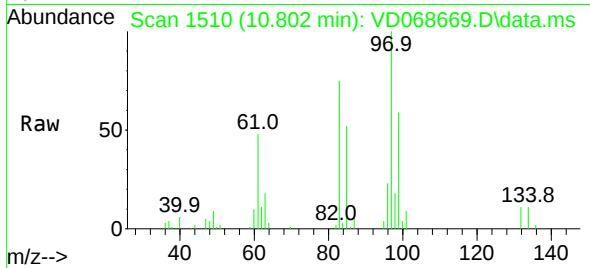
#55
1,1,2-Trichloroethane
Concen: 21.56 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:	97	Resp:	58010
Ion	Ratio	Lower	Upper
97	100		
83	74.7	65.7	98.5
85	52.1	44.3	66.5
99	58.7	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

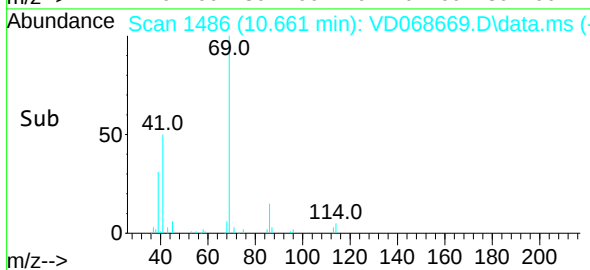
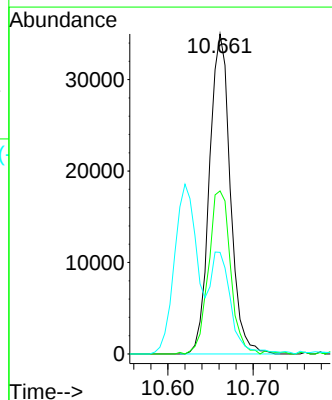
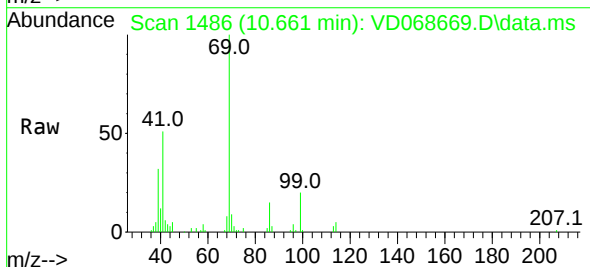
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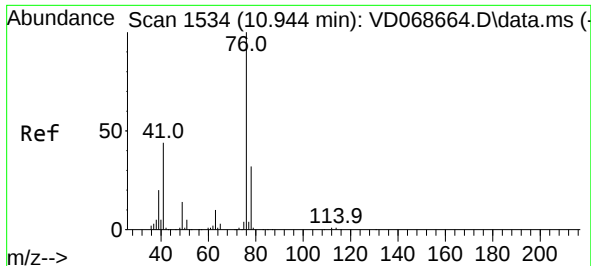
MMDadoda
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#56
Ethyl methacrylate
Concen: 20.46 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:	69	Resp:	59461
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.2	63.4
39	31.6	24.2	36.2





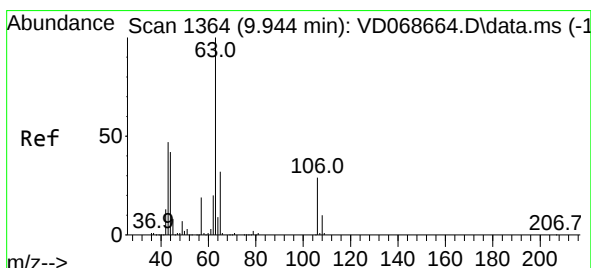
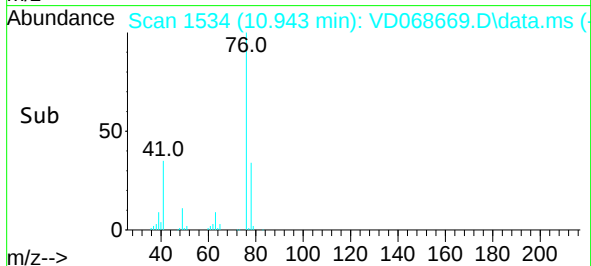
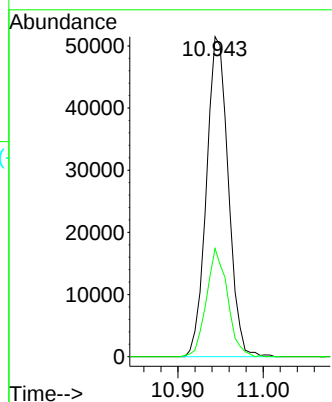
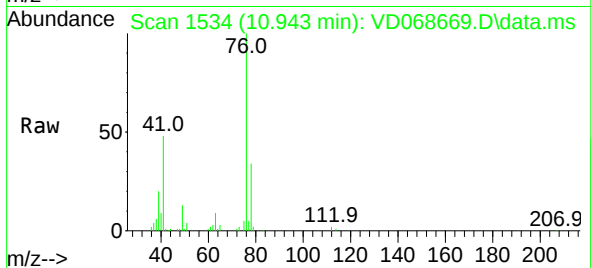
#57
1,3-Dichloropropane
Concen: 20.88 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 76 Resp: 91640
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

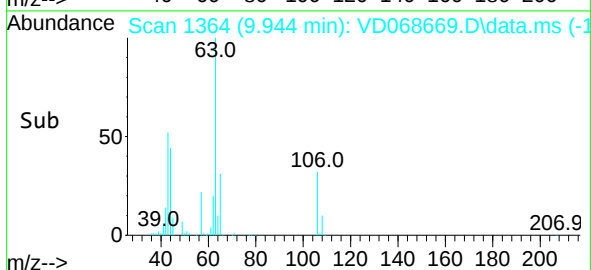
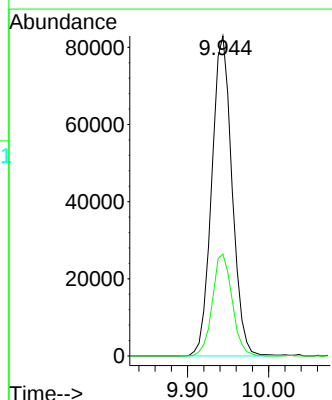
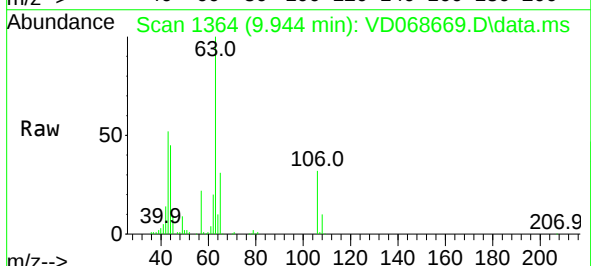
Manual Integrations
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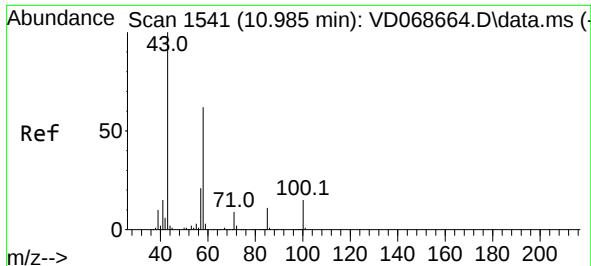
MMDadoda
3/22/2021 11:37:05 AM



#58
2-Chloroethyl Vinyl ether
Concen: 97.32 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 63 Resp: 144129
Ion Ratio Lower Upper
63 100
106 31.0 24.6 36.8





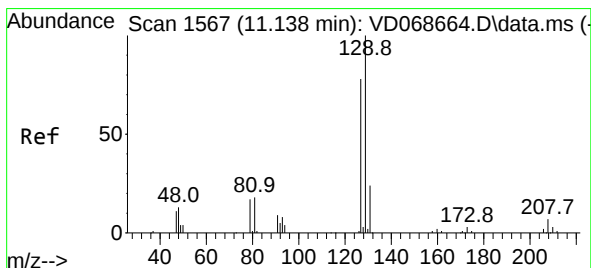
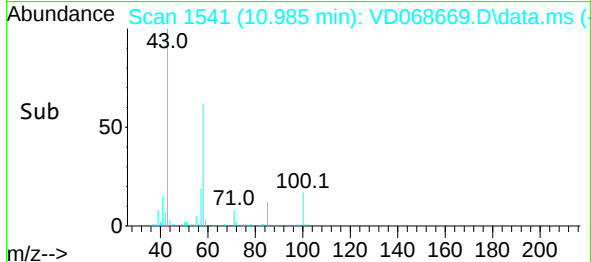
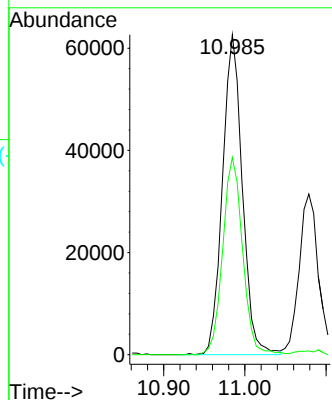
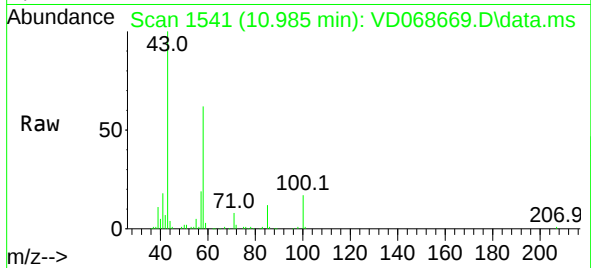
#59
2-Hexanone
Concen: 104.35 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 43 Resp: 106385
Ion Ratio Lower Upper
43 100
58 61.7 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

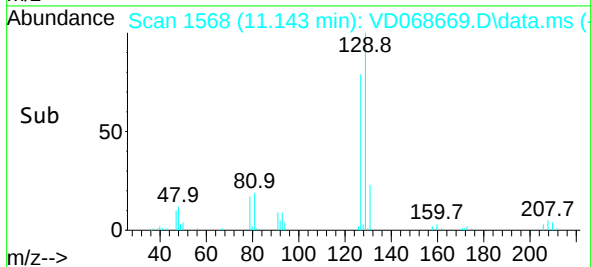
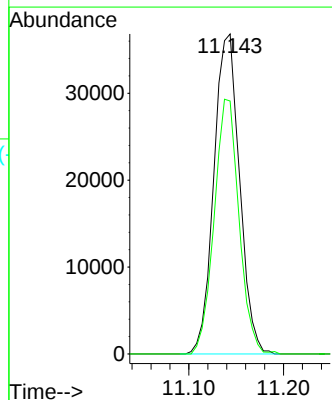
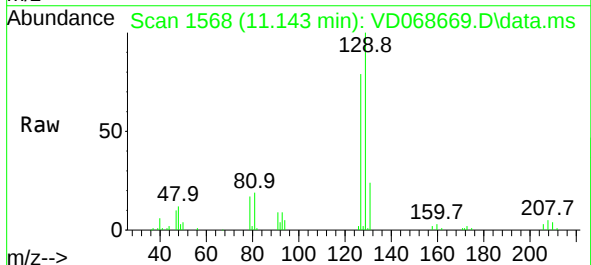
Manual Integrations
APPROVED

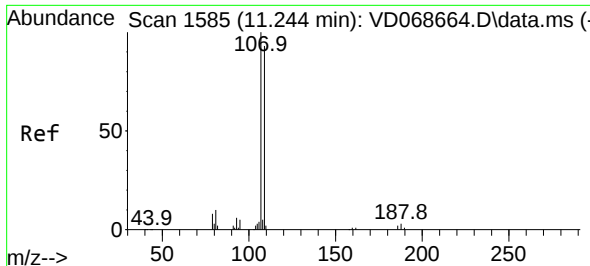
MMDadoda
3/22/2021 11:37:05 AM



#60
Dibromochloromethane
Concen: 20.80 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 129 Resp: 69385
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





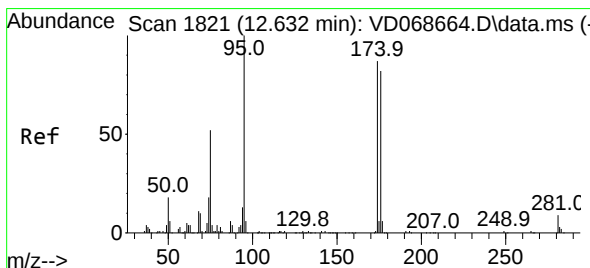
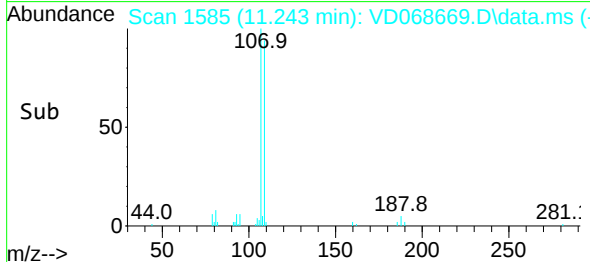
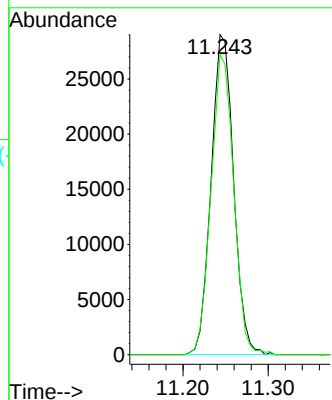
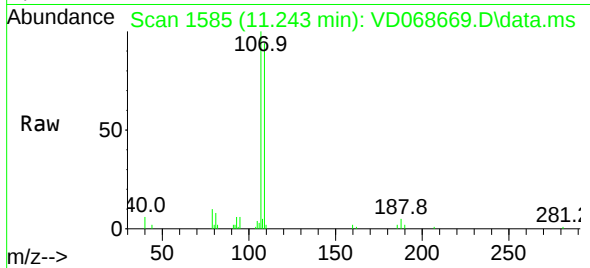
#61
1,2-Dibromoethane
Concen: 20.48 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:107 Resp: 53177
Ion Ratio Lower Upper
107 100
109 94.4 74.9 112.3

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

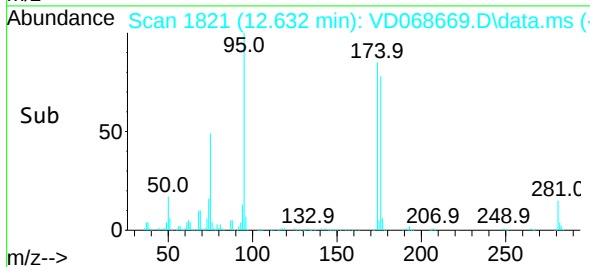
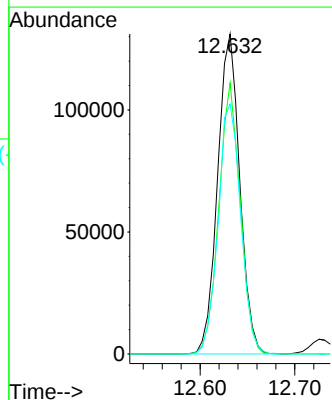
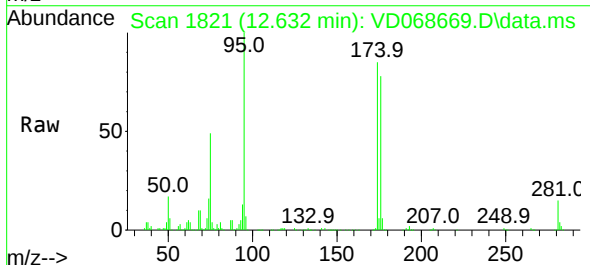
Manual Integrations
APPROVED

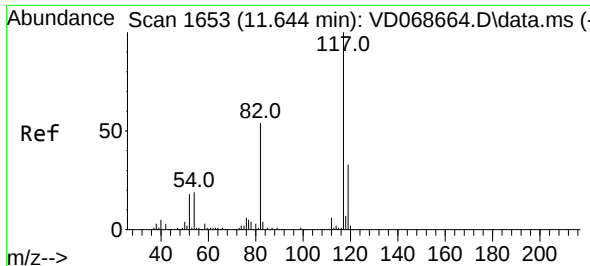
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#62
4-Bromofluorobenzene
Concen: 50.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

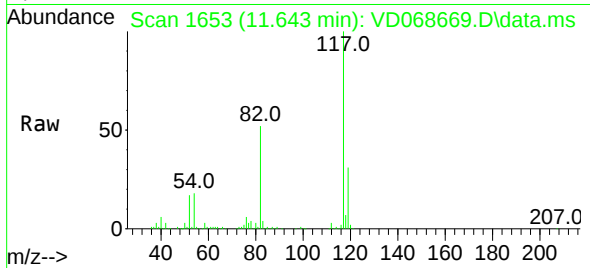
Tgt Ion: 95 Resp: 213140
Ion Ratio Lower Upper
95 100
174 82.2 0.0 168.0
176 79.7 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

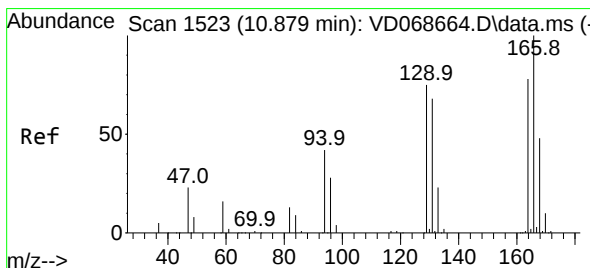
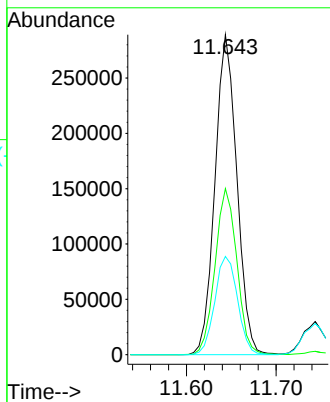
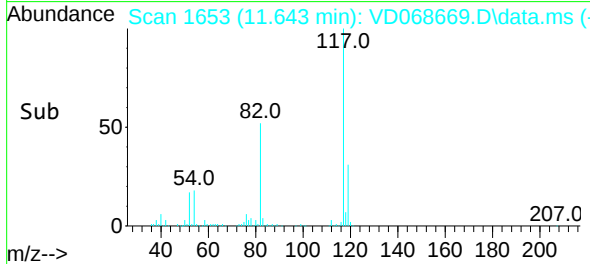
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



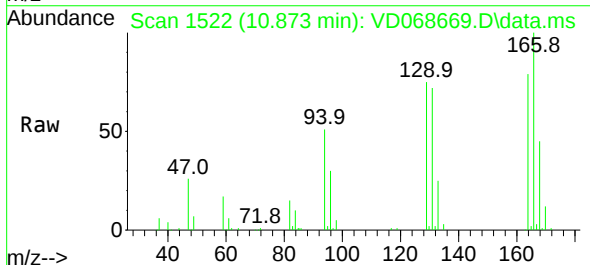
Tgt Ion:117 Resp: 490061
Ion Ratio Lower Upper
117 100
82 51.9 43.5 65.3
119 30.7 26.7 40.1

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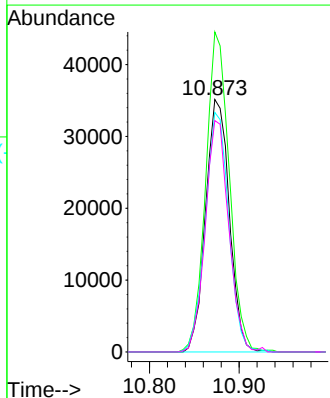
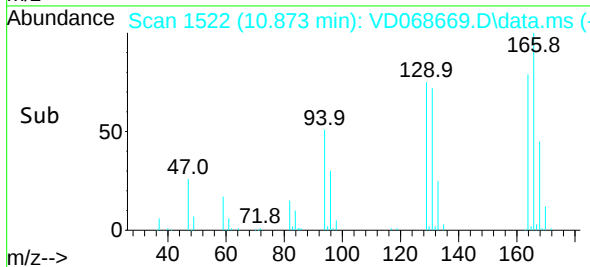
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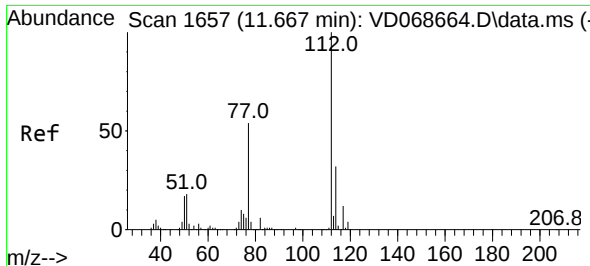


#64
Tetrachloroethene
Concen: 20.36 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



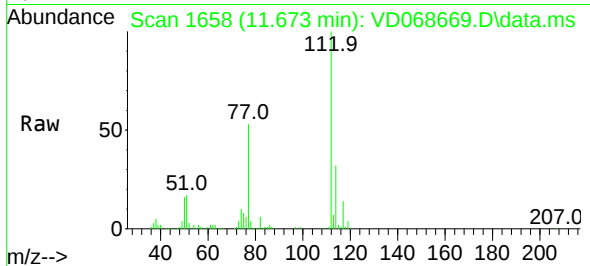
Tgt Ion:164 Resp: 64669
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 94.9 77.4 116.0
131 91.7 70.4 105.6





#65
Chlorobenzene
Concen: 20.51 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

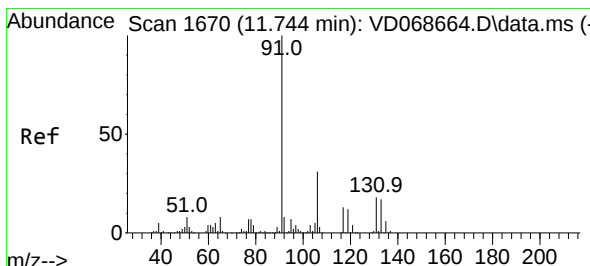
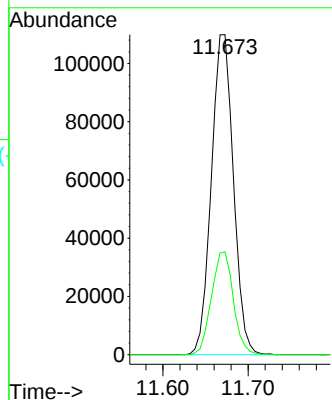
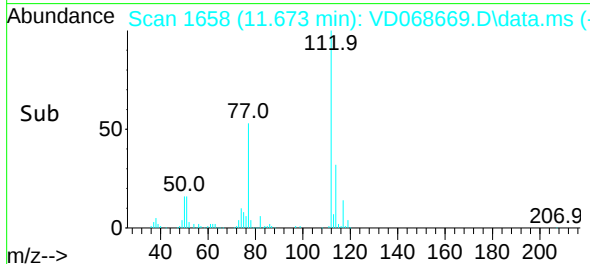
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



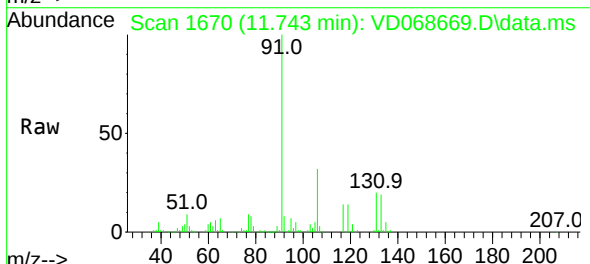
Tgt Ion:112 Resp: 197802
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8

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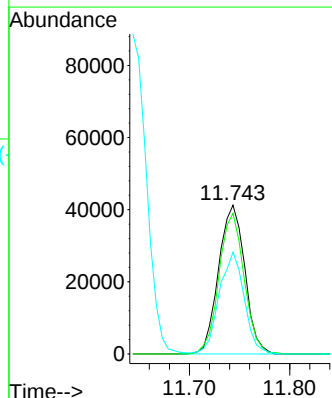
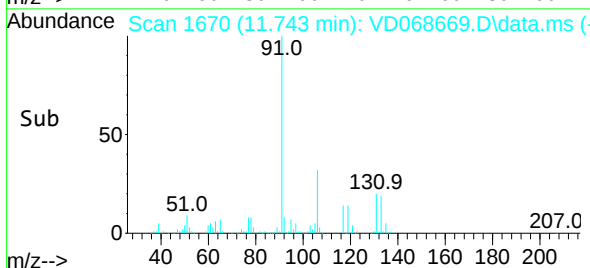
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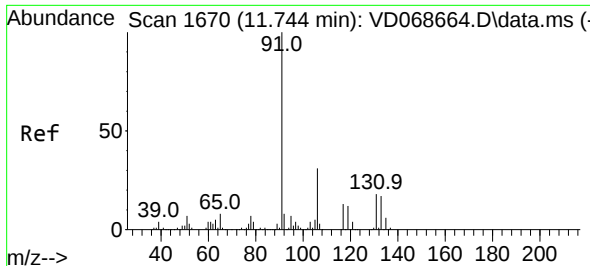


#66
1,1,1,2-Tetrachloroethane
Concen: 21.58 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion:131 Resp: 74898
Ion Ratio Lower Upper
131 100
133 90.8 47.0 141.2
119 65.2 32.8 98.3





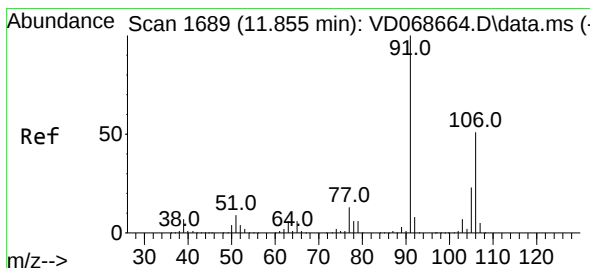
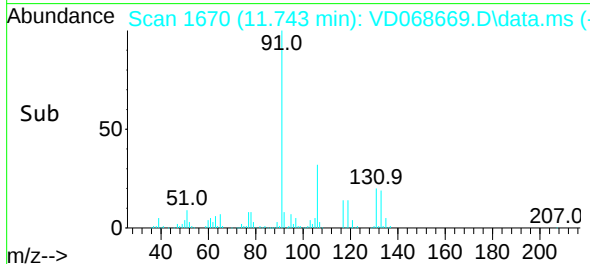
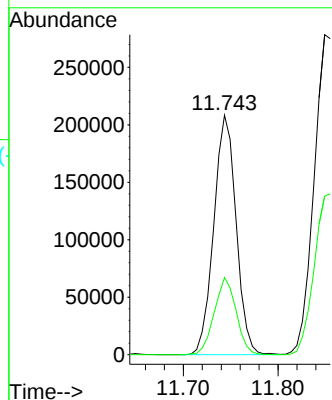
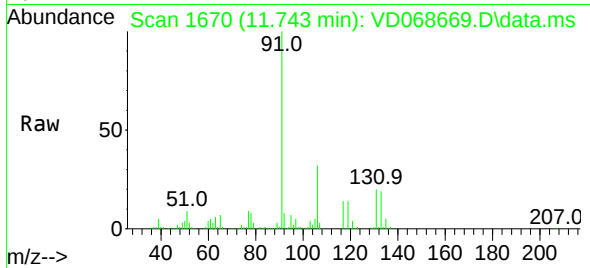
#67
Ethyl Benzene
Concen: 20.28 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 91 Resp: 341208
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

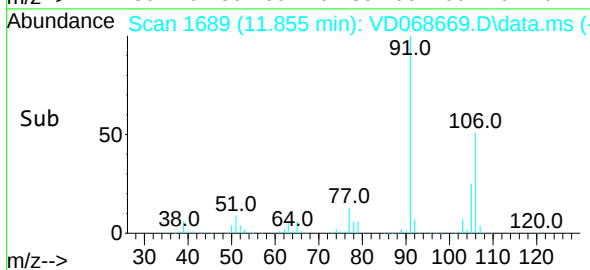
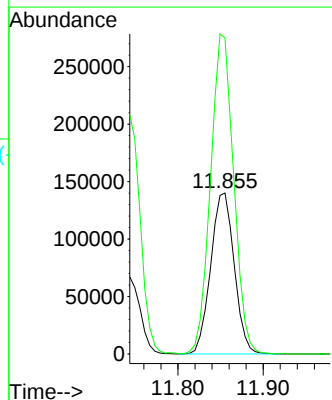
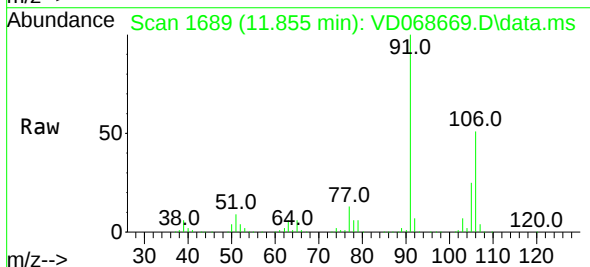
Manual Integrations
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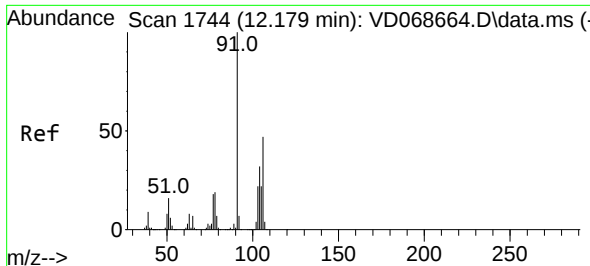
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#68
m/p-Xylenes
Concen: 40.93 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:106 Resp: 268327
Ion Ratio Lower Upper
106 100
91 195.8 158.6 238.0





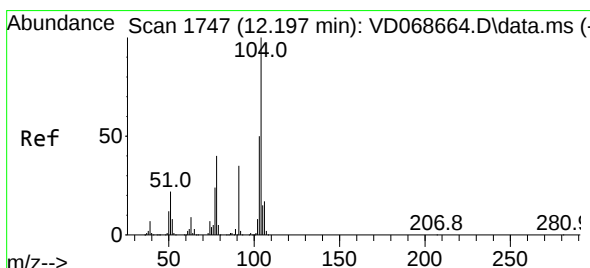
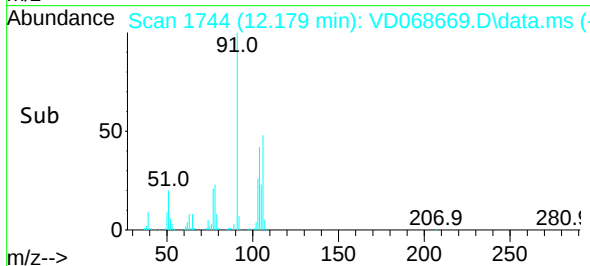
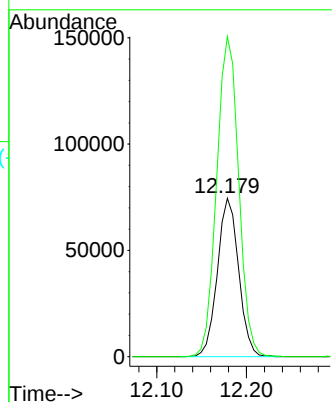
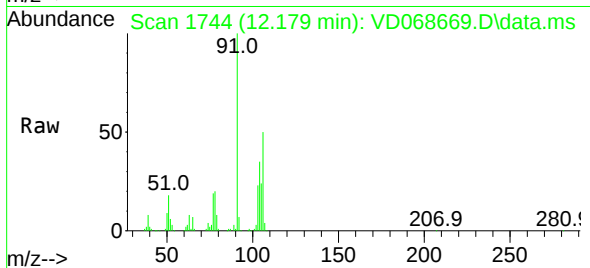
#69
o-Xylene
Concen: 20.18 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:106 Resp: 122609
Ion Ratio Lower Upper
106 100
91 209.2 105.0 315.0

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

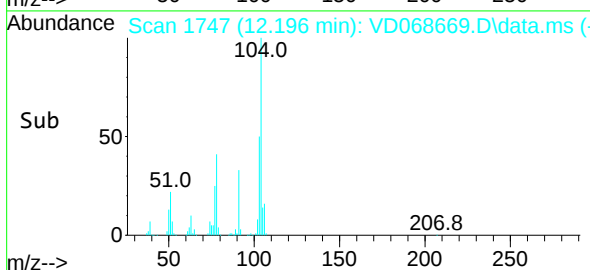
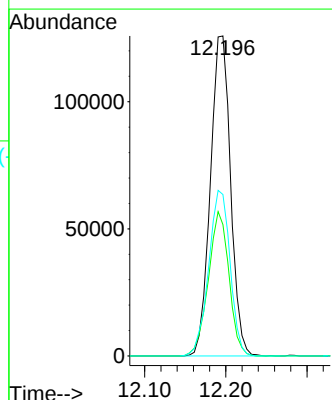
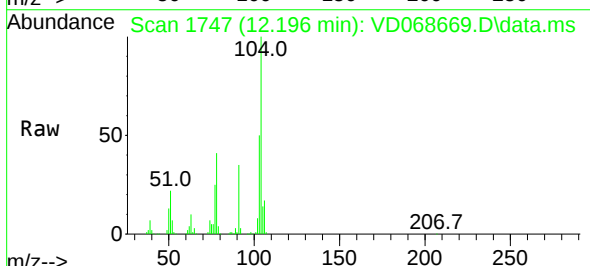
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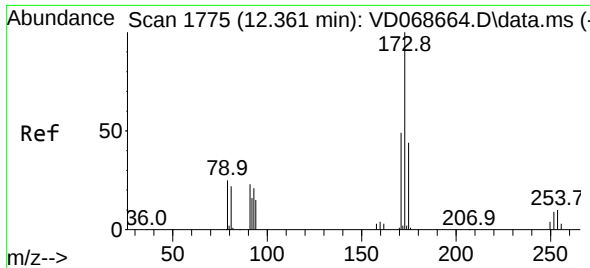
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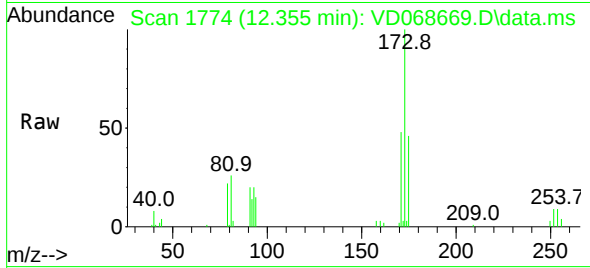
#70
Styrene
Concen: 20.85 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:104 Resp: 217663
Ion Ratio Lower Upper
104 100
78 46.0 36.9 55.3
103 54.8 44.3 66.5

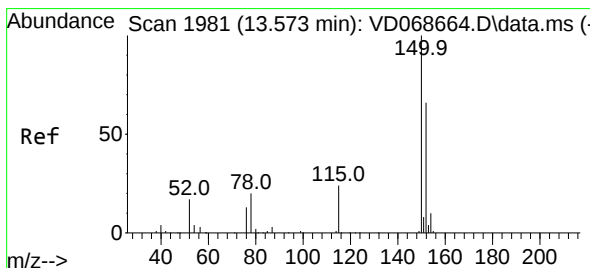
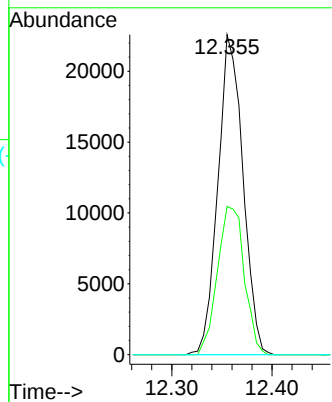
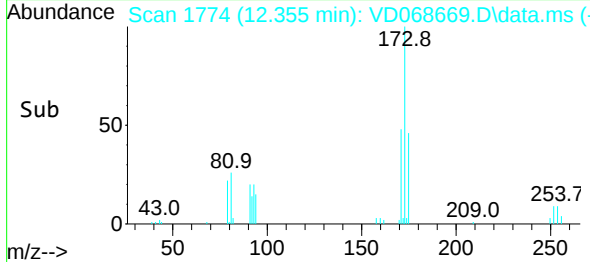




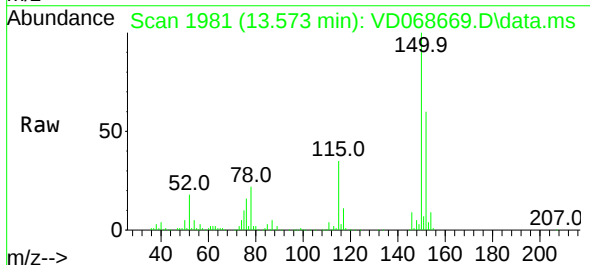
#71
Bromoform
Concen: 21.36 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



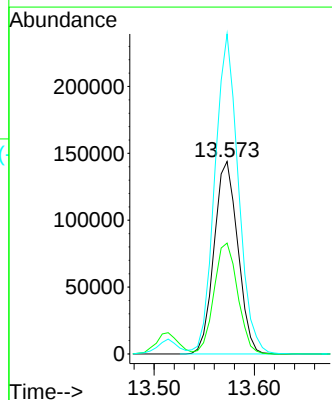
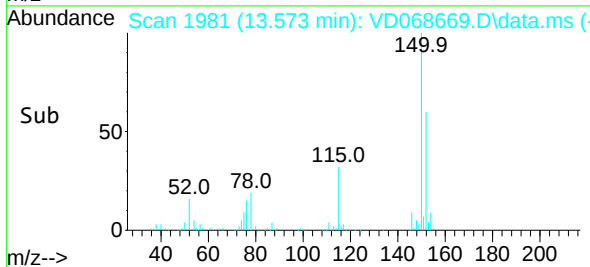
Tgt Ion:173 Resp: 39094
Ion Ratio Lower Upper
173 100
175 49.7 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



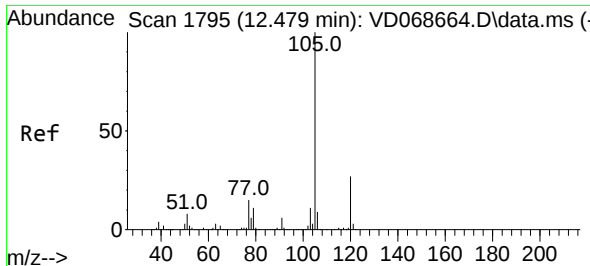
Tgt Ion:152 Resp: 236236
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 164.9 0.0 347.6



Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

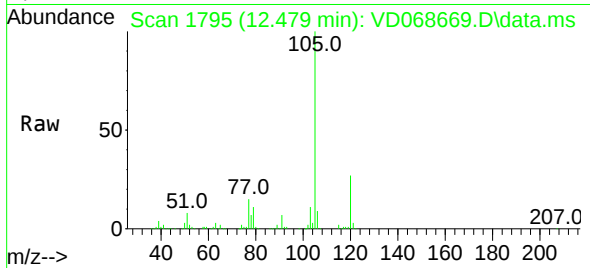
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#73
Isopropylbenzene
Concen: 20.61 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

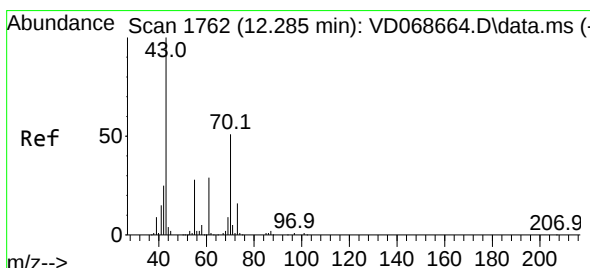
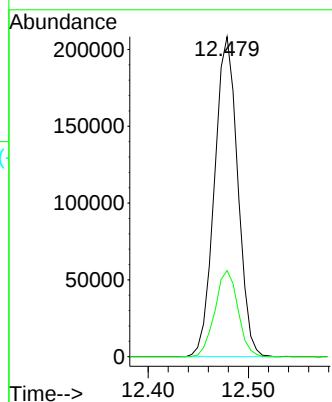
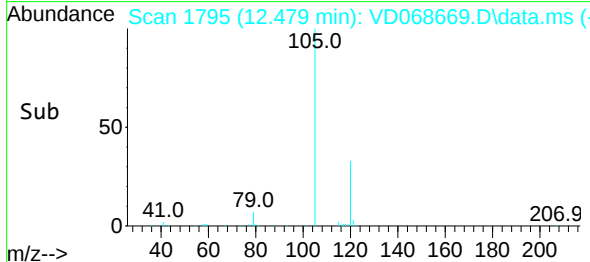
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



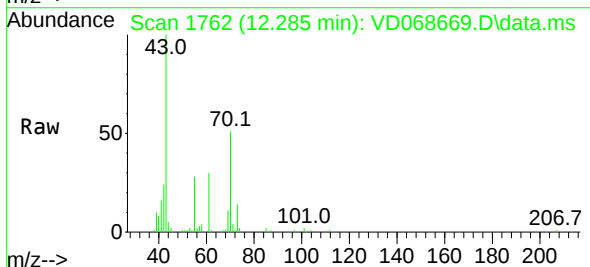
Tgt Ion:105 Resp: 334461
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

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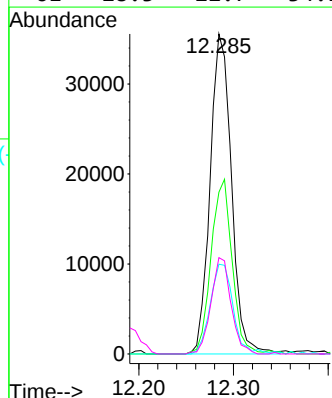
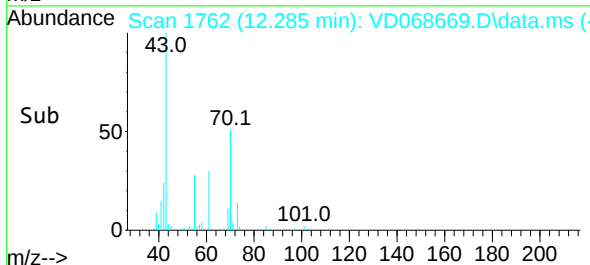
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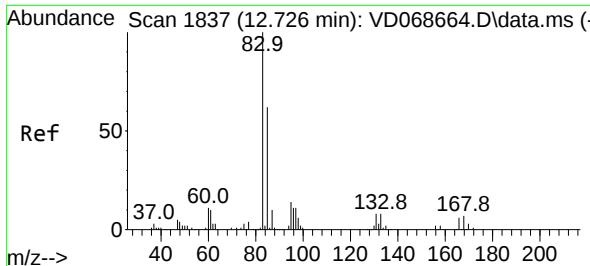


#74
N-ethyl acetate
Concen: 20.62 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



Tgt Ion: 43 Resp: 55789
Ion Ratio Lower Upper
43 100
70 53.7 41.9 62.9
55 30.3 22.8 34.2
61 28.3 22.7 34.1





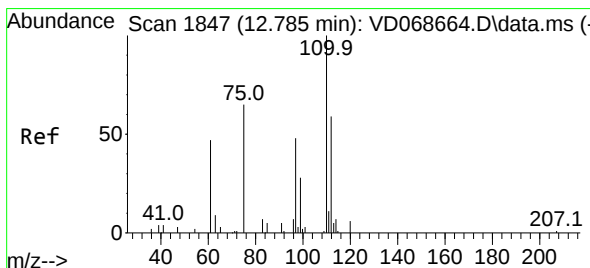
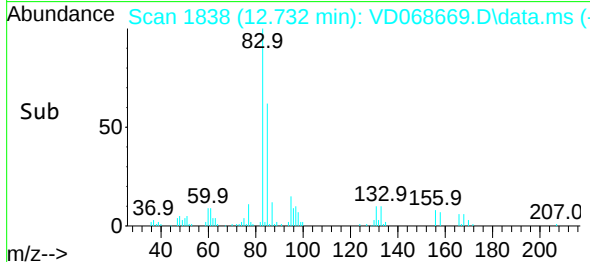
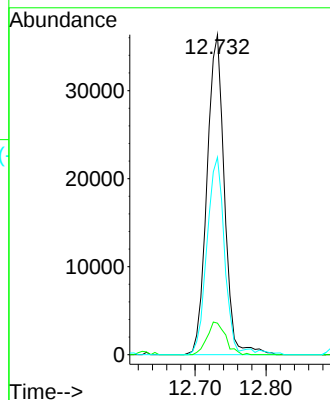
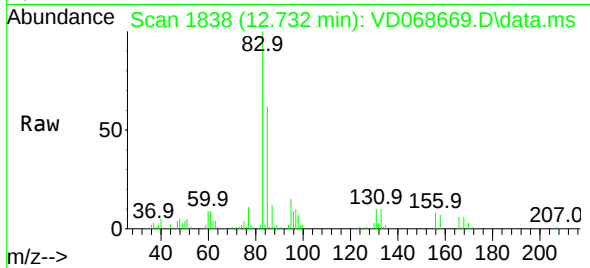
#75
1,1,2,2-Tetrachloroethane
Concen: 21.61 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.3
85	61.6	32.0	96.0

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

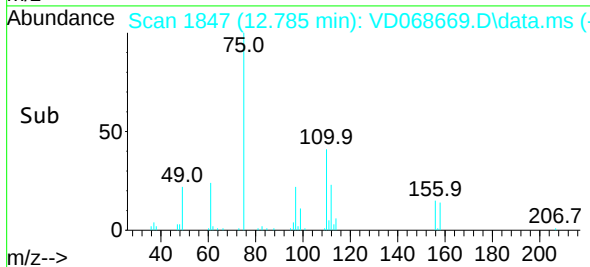
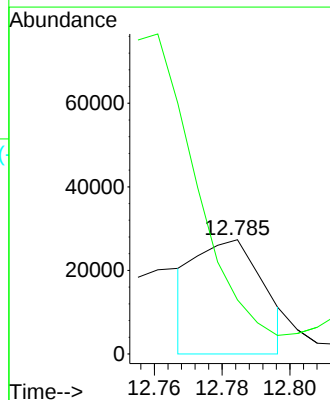
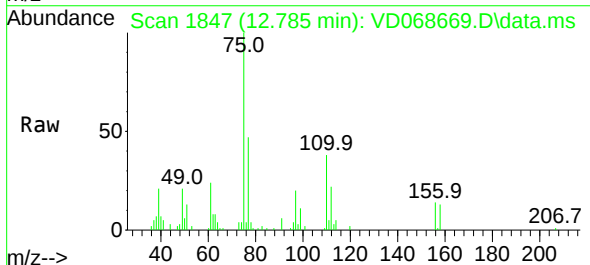
Manual Integrations
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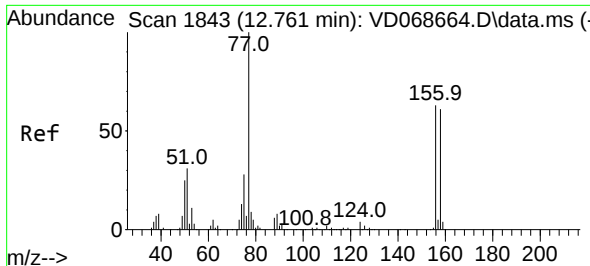
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#76
1,2,3-Trichloropropane
Concen: 19.28 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





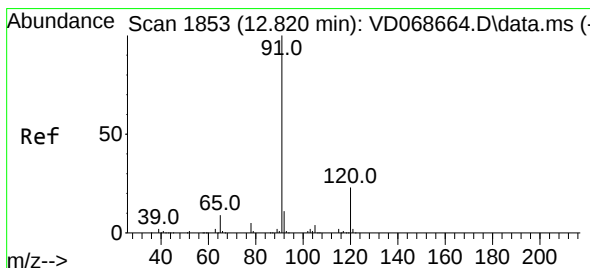
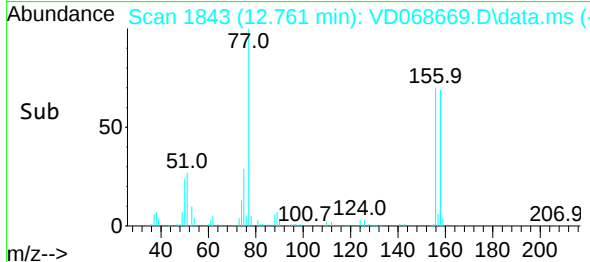
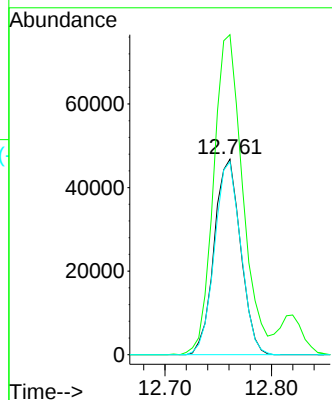
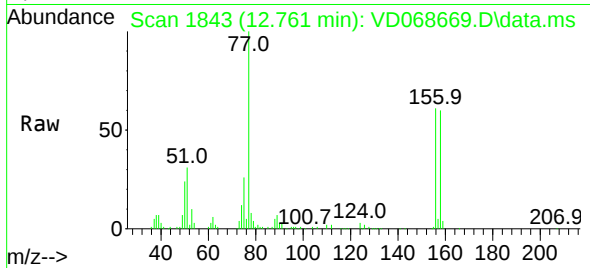
#77
Bromobenzene
Concen: 21.21 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion: 156 Resp: 80739
Ion Ratio Lower Upper
156 100
77 179.2 88.9 266.8
158 98.0 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

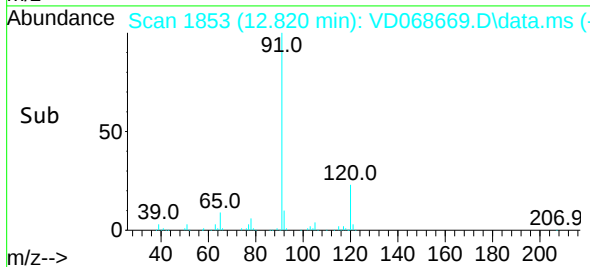
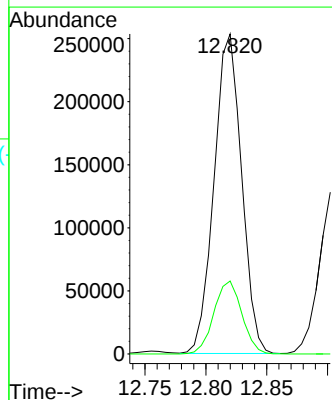
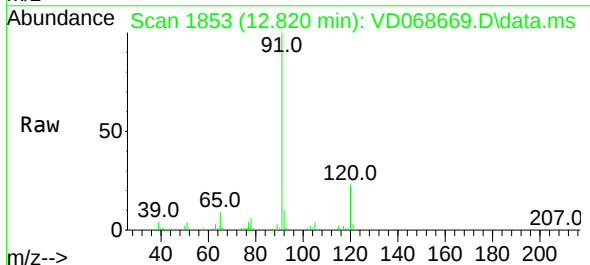
Manual Integrations
APPROVED

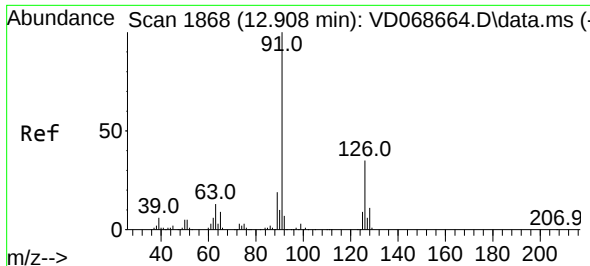
MMDadoda
3/22/2021 11:37:05 AM



#78
n-propylbenzene
Concen: 20.60 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

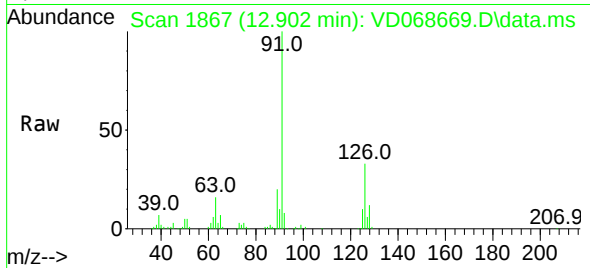
Tgt Ion: 91 Resp: 398017
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





#79
2-Chlorotoluene
Concen: 20.43 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

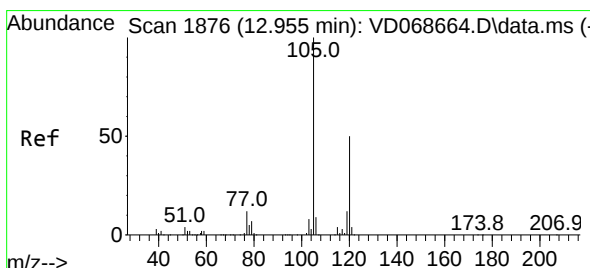
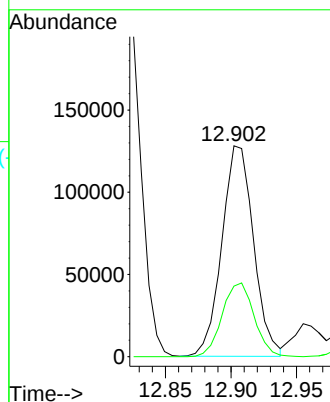
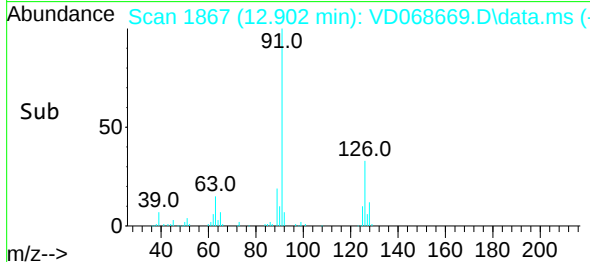
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



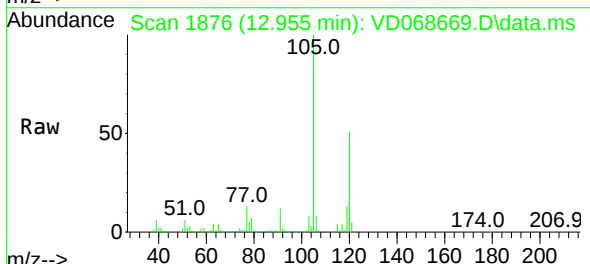
Tgt Ion: 91 Resp: 215474
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.3

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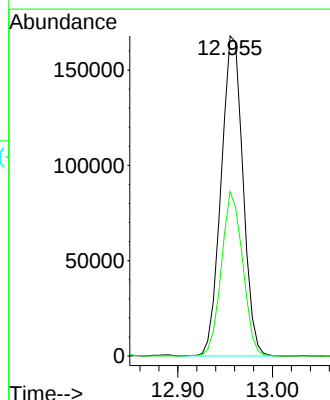
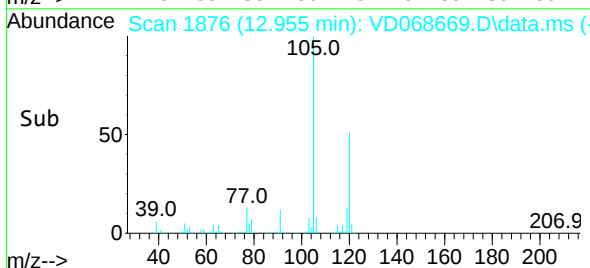
MMDadoda
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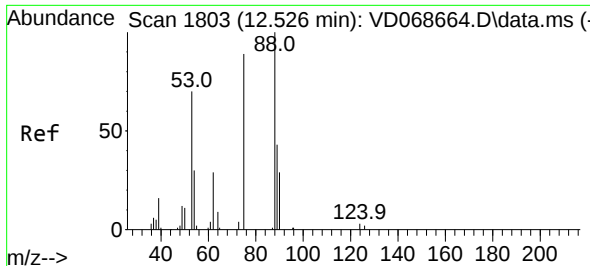


#80
1,3,5-Trimethylbenzene
Concen: 20.52 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

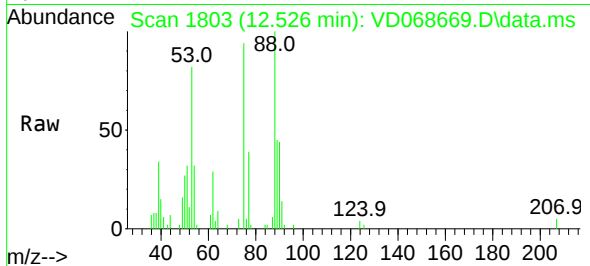


Tgt Ion: 105 Resp: 269391
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7

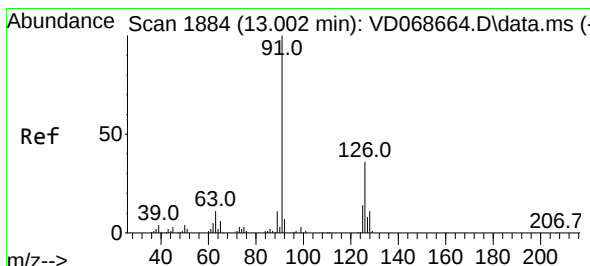
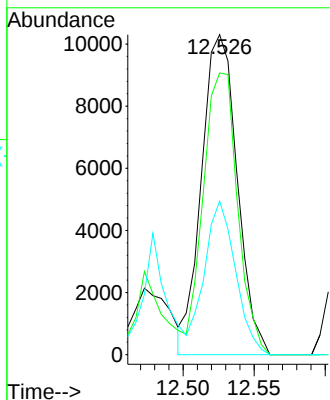
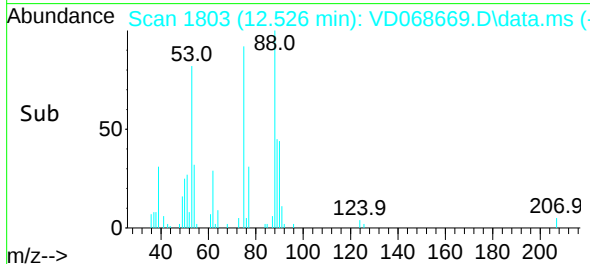




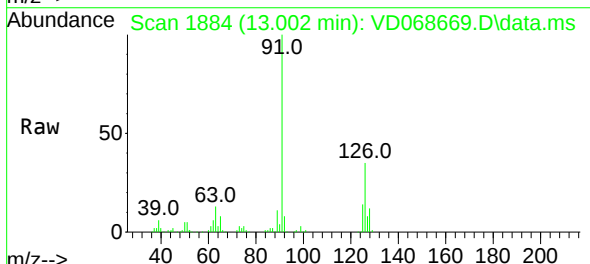
#81
trans-1,4-Dichloro-2-butene
Concen: 20.83 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



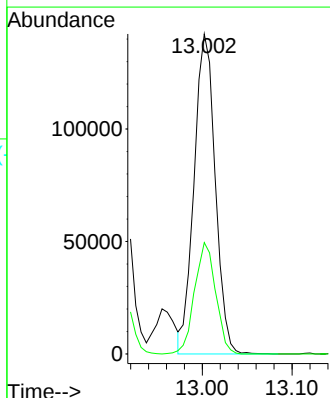
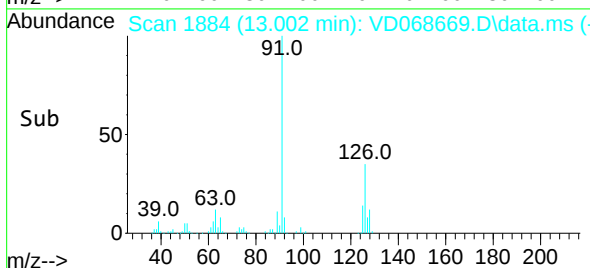
Tgt Ion:	75	Resp:	18005
Ion	Ratio	Lower	Upper
75	100		
53	84.1	66.8	100.2
89	41.8	36.6	54.8



#82
4-Chlorotoluene
Concen: 20.70 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



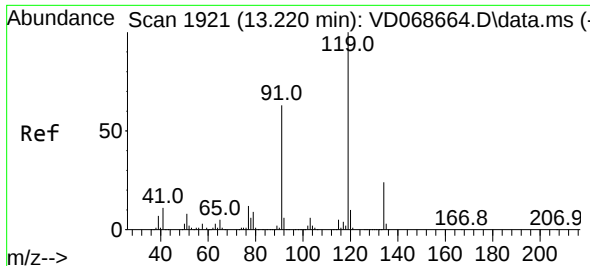
Tgt Ion:	91	Resp:	233264
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.5



Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

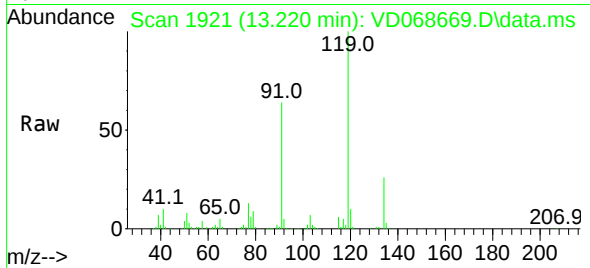
Manual Integrations
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#83
tert-Butylbenzene
Concen: 20.55 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

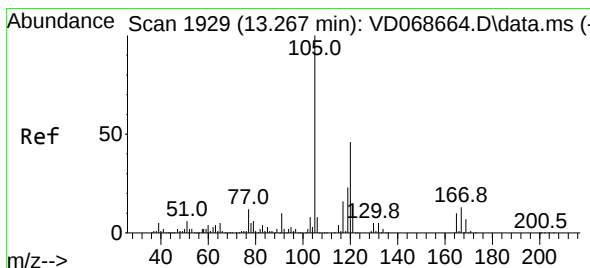
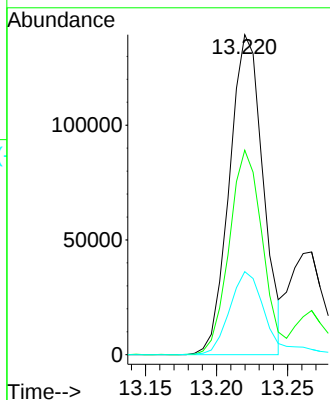
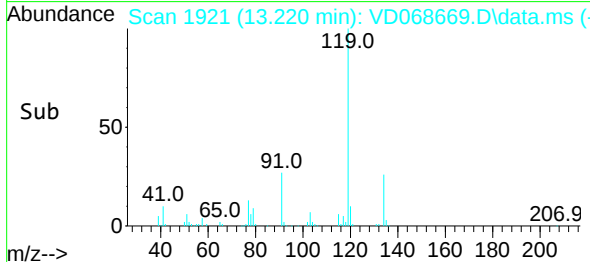
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



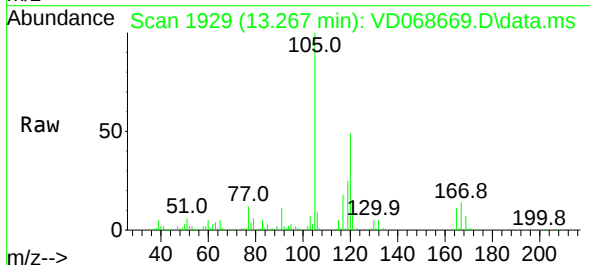
Tgt Ion:119 Resp: 229867
Ion Ratio Lower Upper
119 100
91 63.4 31.6 95.0
134 27.9 13.4 40.2

Manual Integrations
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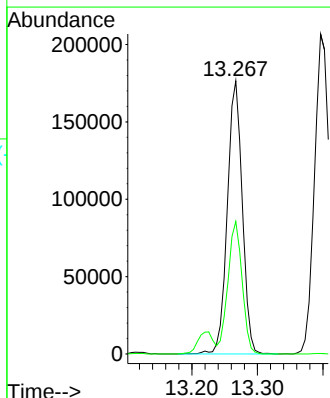
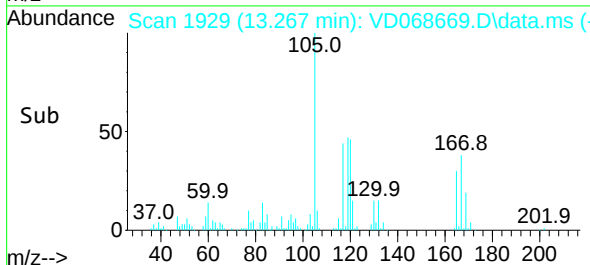
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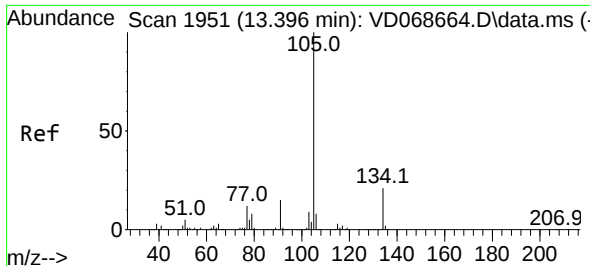


#84
1,2,4-Trimethylbenzene
Concen: 20.57 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



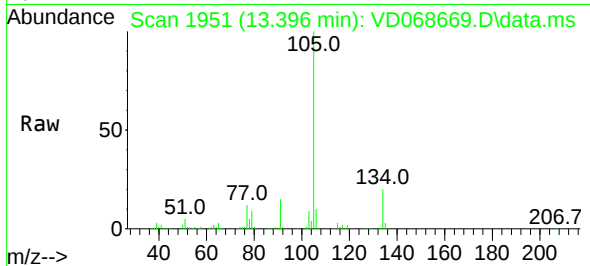
Tgt Ion:105 Resp: 278892
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 20.28 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43

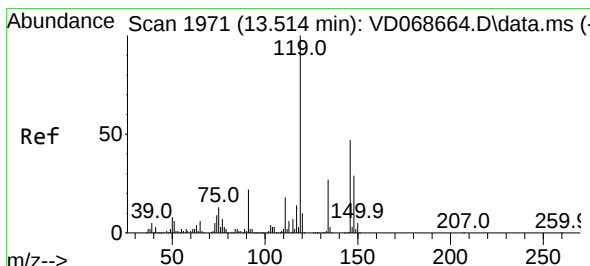
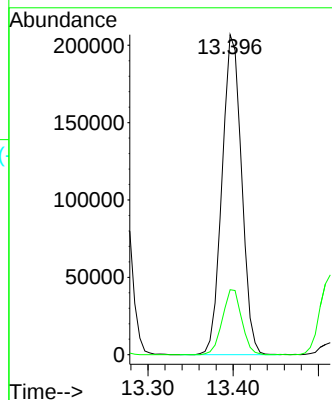
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01



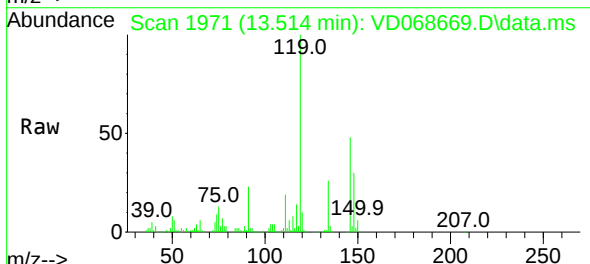
Tgt Ion:105 Resp: 329762
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8

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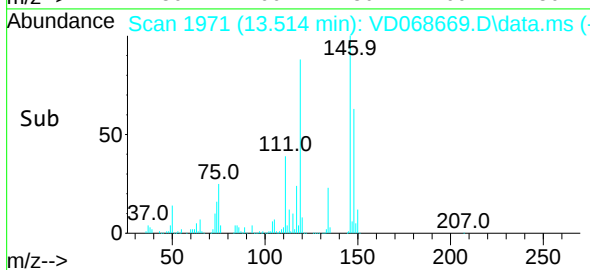
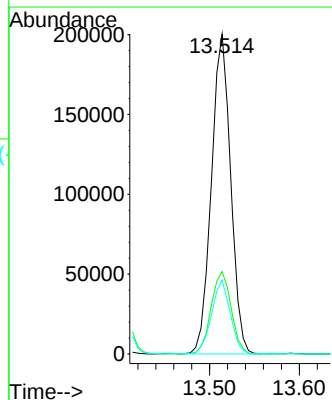
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 3/22/2021 11:37:05 AM

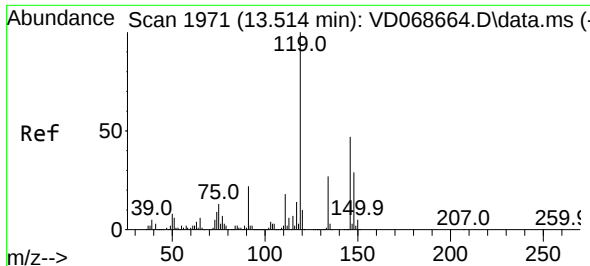


#86
 p-Isopropyltoluene
 Concen: 20.16 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068669.D
 Acq: 19 Mar 2021 18:43



Tgt Ion:119 Resp: 298376
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.3 11.1 33.1





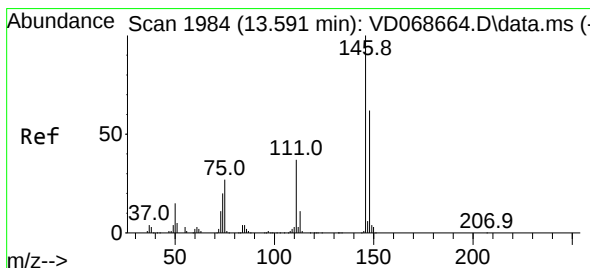
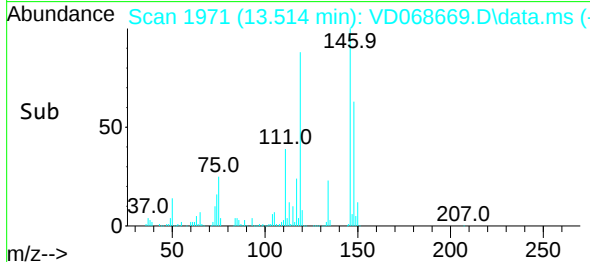
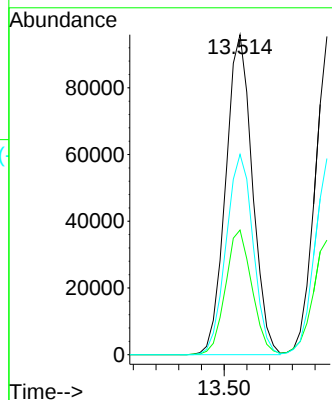
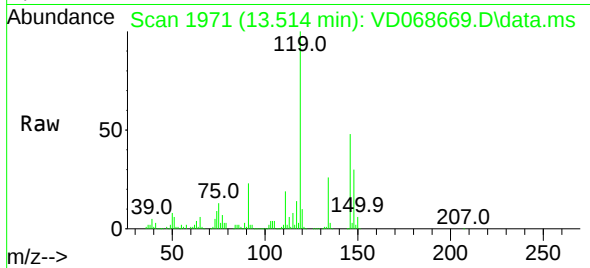
#87
1,3-Dichlorobenzene
Concen: 20.58 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion:146 Resp: 156288
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.8
148 63.4 30.9 92.8

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

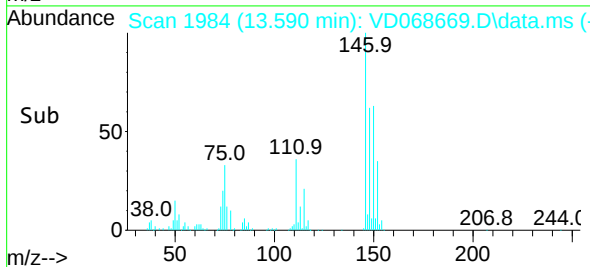
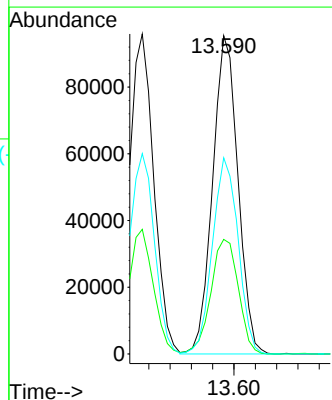
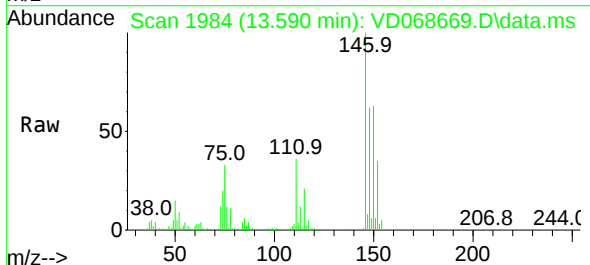
Manual Integrations
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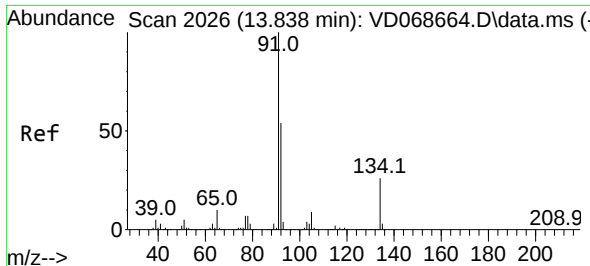
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#88
1,4-Dichlorobenzene
Concen: 21.08 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

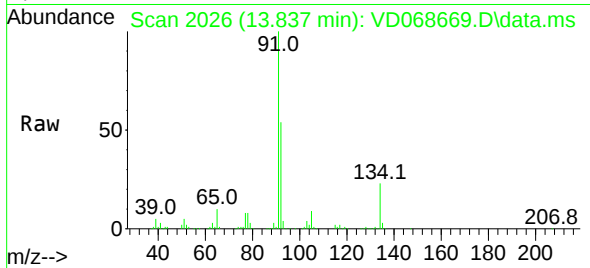
Tgt Ion:146 Resp: 157289
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.1
148 62.7 31.6 95.0





#89
n-Butylbenzene
Concen: 19.72 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

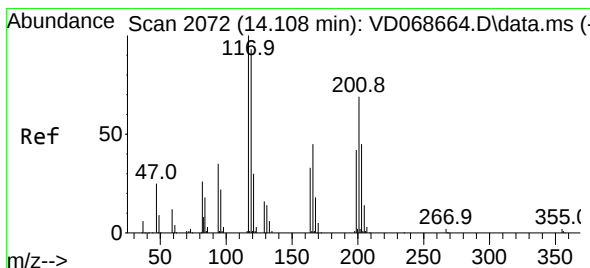
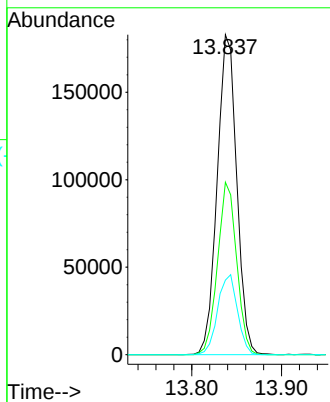
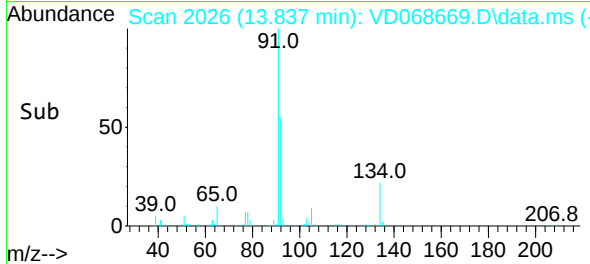
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



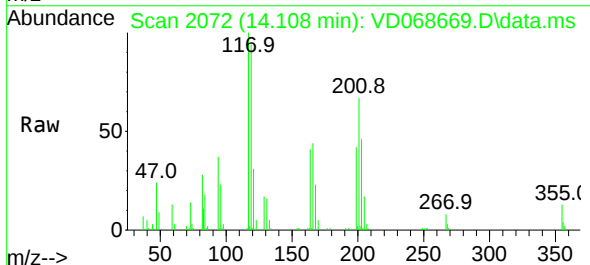
Tgt Ion: 91 Resp: 277000
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 25.3 12.9 38.6

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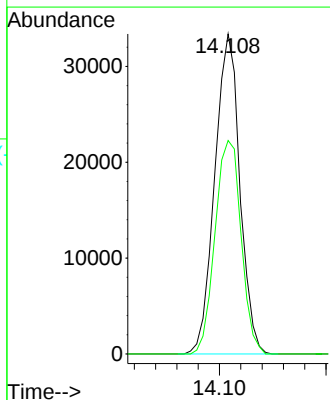
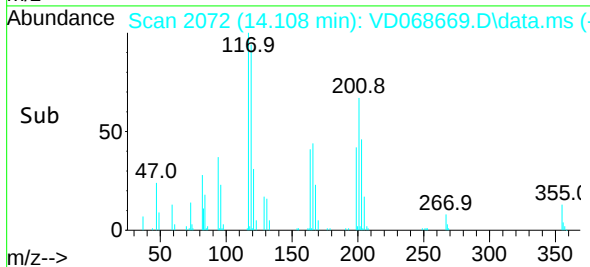
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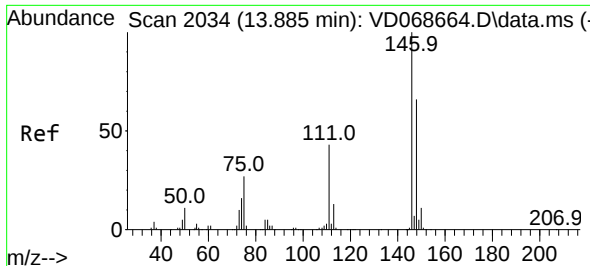


#90
Hexachloroethane
Concen: 20.47 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



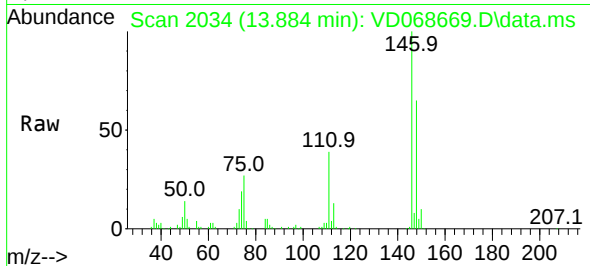
Tgt Ion: 117 Resp: 54495
Ion Ratio Lower Upper
117 100
201 69.3 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 21.19 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

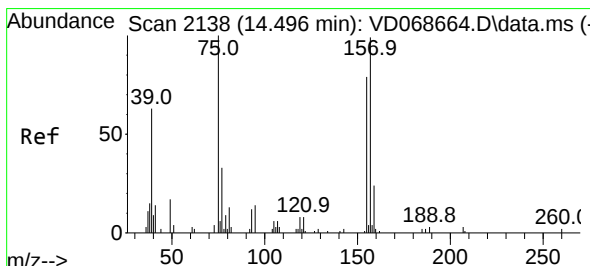
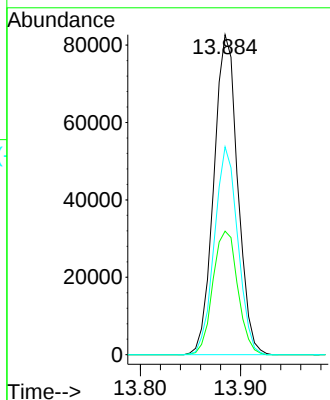
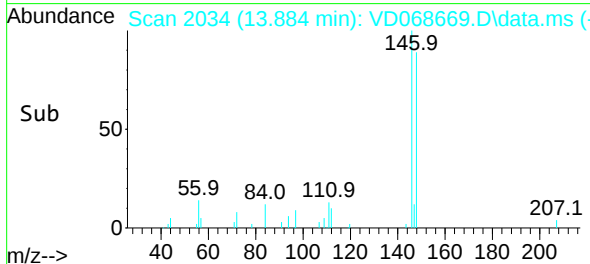
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01



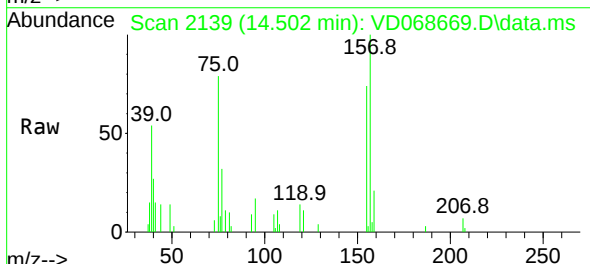
Tgt Ion:146 Resp: 136693
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 63.9 32.2 96.6

Manual Integrations
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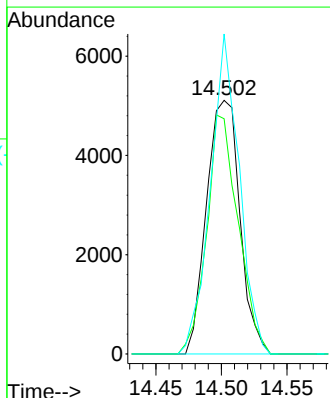
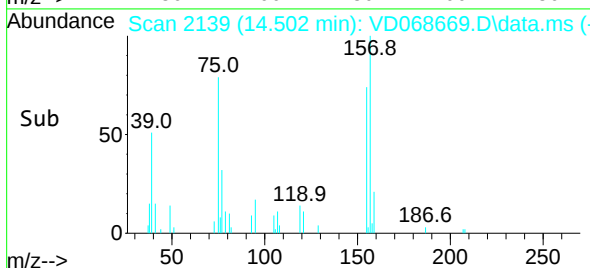
MMDadoda
3/22/2021 11:37:05 AM

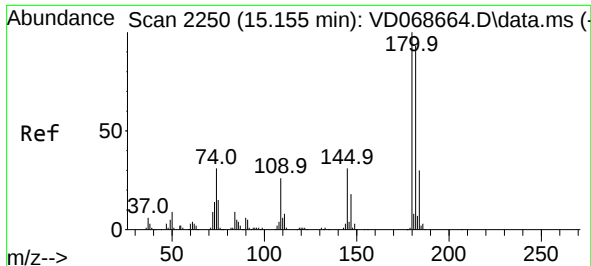


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.03 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

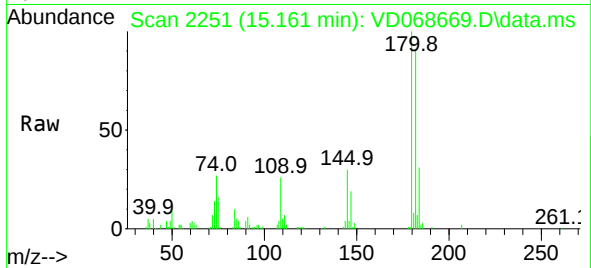


Tgt Ion: 75 Resp: 9038
Ion Ratio Lower Upper
75 100
155 89.3 46.8 140.3
157 109.0 59.8 179.3

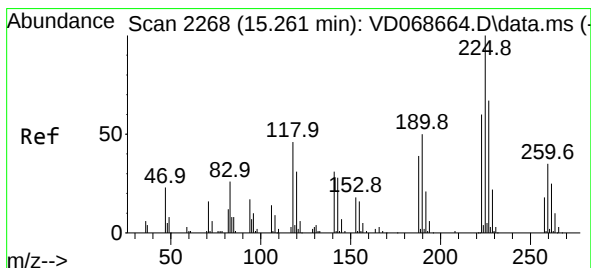
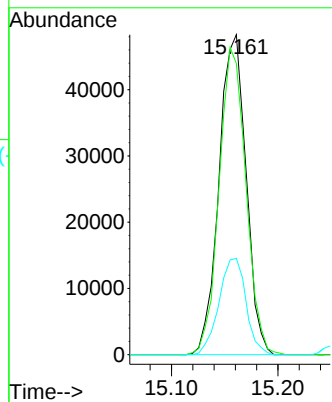
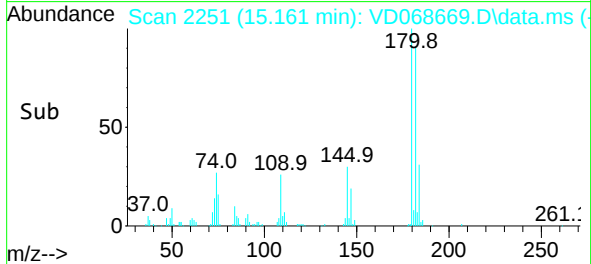




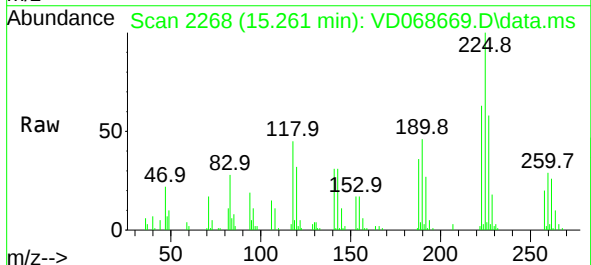
#93
1,2,4-Trichlorobenzene
Concen: 20.33 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



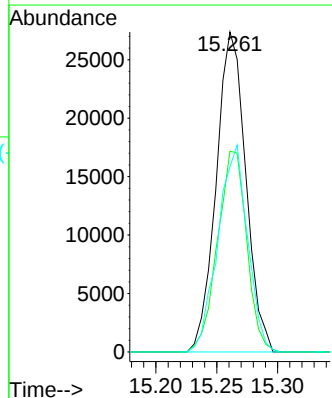
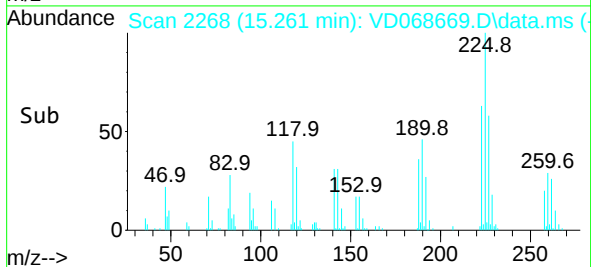
Tgt Ion:180 Resp: 85221
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 30.0 15.2 45.6



#94
Hexachlorobutadiene
Concen: 19.34 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43



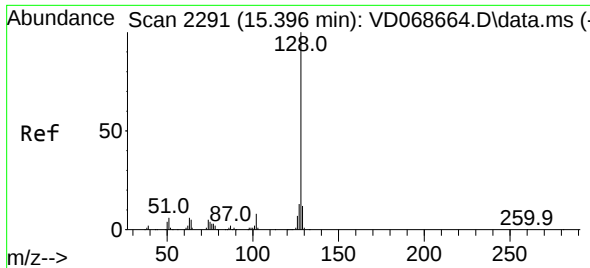
Tgt Ion:225 Resp: 46278
Ion Ratio Lower Upper
225 100
223 62.0 30.6 91.6
227 64.8 31.4 94.0



Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:37:05 AM



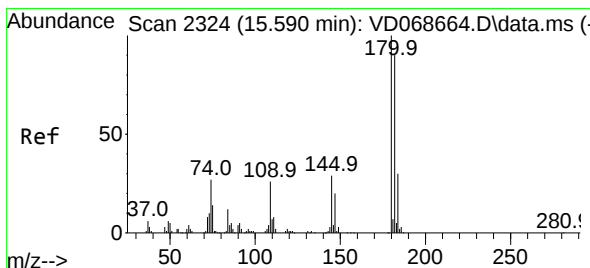
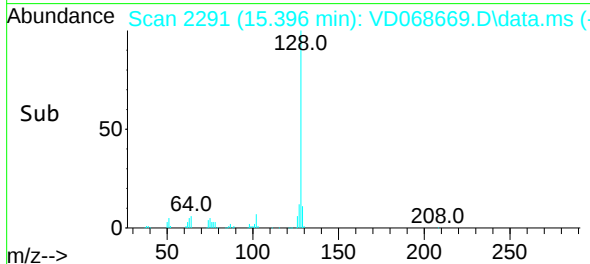
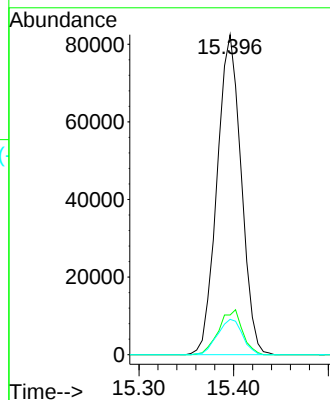
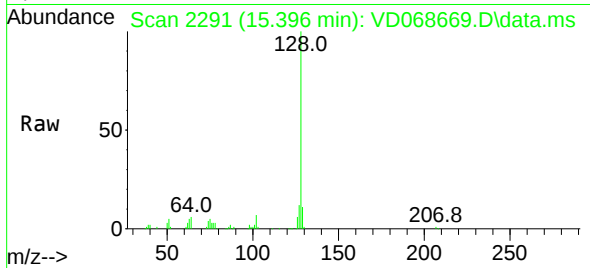
#95
Naphthalene
Concen: 19.92 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.4	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations
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3/22/2021 11:37:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.68 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068669.D
Acq: 19 Mar 2021 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.5	139.3
145	32.1	15.8	47.4

