

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068600.D
 Acq On : 12 Mar 2021 12:08
 Operator : VA/SY
 Sample : VD0312SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

Manual Integrations
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 3/15/2021 12:39:48 PM

Quant Time: Mar 12 23:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	300924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	507492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	471088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	267523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144641	48.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.22%
35) Dibromofluoromethane	7.914	113	155928	51.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.00%
50) Toluene-d8	10.338	98	574754	47.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.40%
62) 4-Bromofluorobenzene	12.632	95	206152	52.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	54421	18.64	ug/l	98
3) Chloromethane	2.209	50	67122	18.19	ug/l	98
4) Vinyl Chloride	2.350	62	81120	18.51	ug/l	91
5) Bromomethane	2.756	94	63056	20.21	ug/l	95
6) Chloroethane	2.921	64	54464	19.22	ug/l	92
7) Trichlorofluoromethane	3.273	101	101942	20.39	ug/l	96
8) Diethyl Ether	3.715	74	28953	19.45	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	61494	20.19	ug/l	97
10) Methyl Iodide	4.297	142	59870	18.20	ug/l	92
11) Tert butyl alcohol	5.220	59	21436	133.53	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	59713	19.76	ug/l	95
13) Acrolein	3.926	56	18615	81.13	ug/l	99
14) Allyl chloride	4.720	41	68563	17.57	ug/l	93
15) Acrylonitrile	5.426	53	70907	112.88	ug/l	98
16) Acetone	4.162	43	47631	99.73	ug/l	95
17) Carbon Disulfide	4.409	76	181046	18.29	ug/l	100
18) Methyl Acetate	4.720	43	24542	19.94	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	149997	22.89	ug/l	97
20) Methylene Chloride	4.962	84	87534	22.19	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	78387	21.72	ug/l	96
22) Diisopropyl ether	6.362	45	162277	18.89	ug/l	94
23) Vinyl Acetate	6.309	43	426764	95.73	ug/l	98
24) 1,1-Dichloroethane	6.273	63	115550	19.62	ug/l	99
25) 2-Butanone	7.214	43	68466	99.73	ug/l	96
26) 2,2-Dichloropropane	7.214	77	100946	20.57	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	77601	19.59	ug/l	96
28) Bromochloromethane	7.556	49	42873	18.65	ug/l	89
29) Tetrahydrofuran	7.561	42	43084	96.65	ug/l	98
30) Chloroform	7.708	83	127915	20.56	ug/l	96
31) Cyclohexane	7.985	56	96562	17.66	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	108185	20.38	ug/l	96
36) 1,1-Dichloropropene	8.114	75	94781	19.65	ug/l	97
37) Ethyl Acetate	7.297	43	31353	19.59	ug/l	98
38) Carbon Tetrachloride	8.097	117	97075	21.42	ug/l	94
39) Methylcyclohexane	9.355	83	114244	19.20	ug/l	97
40) Benzene	8.356	78	274933	19.87	ug/l	96

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Quant Time: Mar 12 23:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14620m	15.74	ug/l	
42) 1,2-Dichloroethane	8.426	62	75722	20.81	ug/l	100
43) Isopropyl Acetate	8.456	43	63320	21.53	ug/l	99
44) Trichloroethene	9.114	130	78280	20.61	ug/l	97
45) 1,2-Dichloropropane	9.385	63	67279	20.34	ug/l	92
46) Dibromomethane	9.479	93	38919	21.63	ug/l	96
47) Bromodichloromethane	9.661	83	98094	21.07	ug/l	94
48) Methyl methacrylate	9.455	41	28487	18.17	ug/l #	83
49) 1,4-Dioxane	9.461	88	8617	419.87	ug/l #	93
51) 4-Methyl-2-Pentanone	10.232	43	154379	100.29	ug/l	98
52) Toluene	10.402	92	178879	20.24	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	89950	20.91	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	107744	20.53	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	53168	21.35	ug/l	93
56) Ethyl methacrylate	10.661	69	57781	20.18	ug/l	96
57) 1,3-Dichloropropane	10.944	76	90928	20.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	142439	99.18	ug/l	94
59) 2-Hexanone	10.985	43	106334	103.64	ug/l	99
60) Dibromochloromethane	11.144	129	68419	22.19	ug/l	97
61) 1,2-Dibromoethane	11.249	107	52531	21.55	ug/l	99
64) Tetrachloroethene	10.879	164	65425	21.27	ug/l	91
65) Chlorobenzene	11.673	112	198014	20.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	71837	21.54	ug/l	98
67) Ethyl Benzene	11.744	91	343387	20.05	ug/l	99
68) m/p-Xylenes	11.855	106	267491	41.13	ug/l	98
69) o-Xylene	12.179	106	120788	20.17	ug/l	96
70) Styrene	12.191	104	213197	20.81	ug/l	97
71) Bromoform	12.355	173	40645	23.99	ug/l #	96
73) Isopropylbenzene	12.479	105	336680	16.97	ug/l	100
74) N-amyl acetate	12.285	43	58374	17.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	62112	18.20	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	50275m	21.17	ug/l	
77) Bromobenzene	12.761	156	87859	19.40	ug/l	97
78) n-propylbenzene	12.820	91	418605	17.66	ug/l	98
79) 2-Chlorotoluene	12.902	91	234684	17.83	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	291267	17.91	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	19134	18.80	ug/l	94
82) 4-Chlorotoluene	13.002	91	246109	17.78	ug/l	100
83) tert-Butylbenzene	13.220	119	245764	17.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	295895	18.17	ug/l	99
85) sec-Butylbenzene	13.396	105	371528	19.00	ug/l	100
86) p-Isopropyltoluene	13.514	119	338457	19.06	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	176178	20.15	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	174901	20.19	ug/l	98
89) n-Butylbenzene	13.838	91	321939	18.80	ug/l	99
90) Hexachloroethane	14.102	117	57662	16.34	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	154114	20.55	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11230	18.66	ug/l	91
93) 1,2,4-Trichlorobenzene	15.155	180	109949	18.98	ug/l	99
94) Hexachlorobutadiene	15.261	225	61858	19.24	ug/l	98
95) Naphthalene	15.396	128	188542	17.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	92718	18.49	ug/l	99

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Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

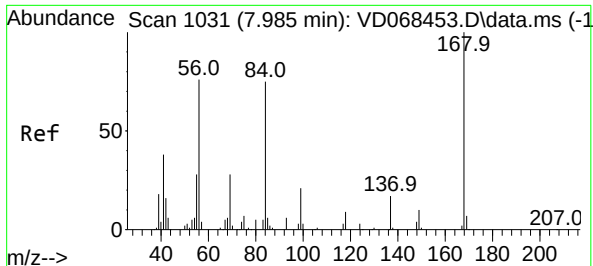
Manual Integrations
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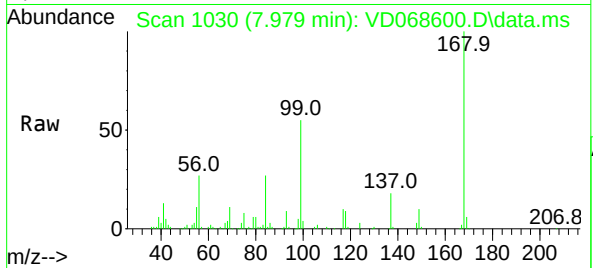
Quant Time: Mar 12 23:34:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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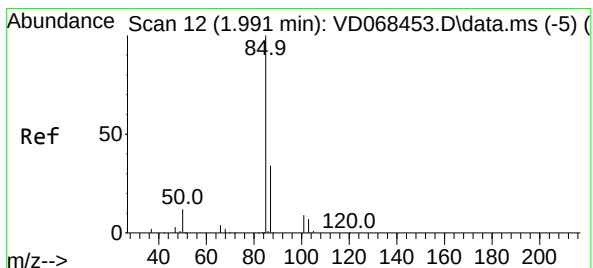
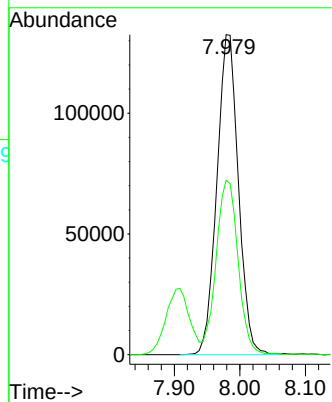
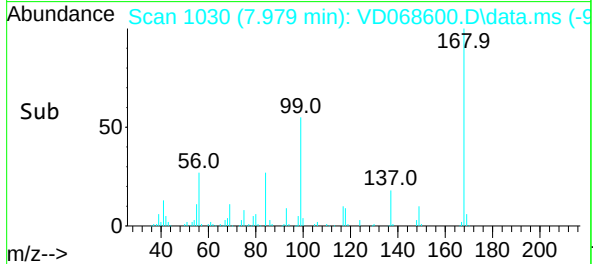
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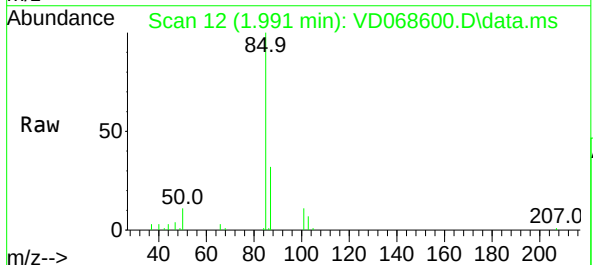
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



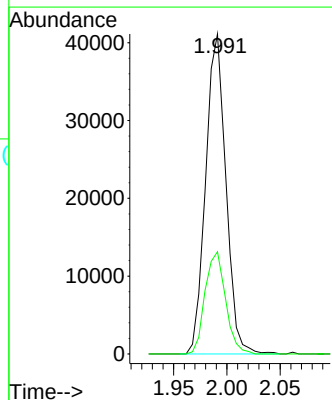
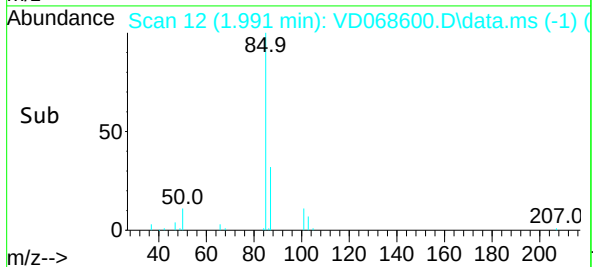
Tgt Ion: 168 Resp: 300924
Ion Ratio Lower Upper
168 100
99 54.3 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 18.64 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



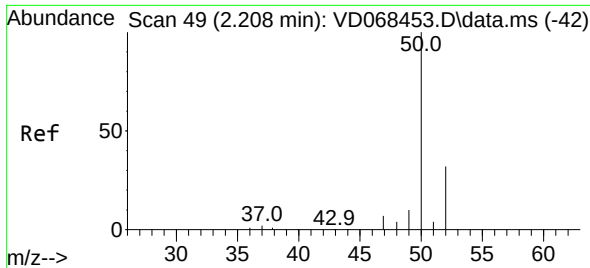
Tgt Ion: 85 Resp: 54421
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1



Instrument :
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Manual Integrations
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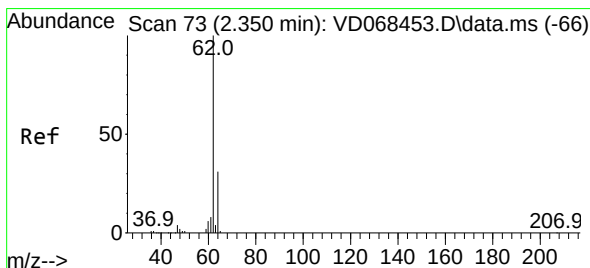
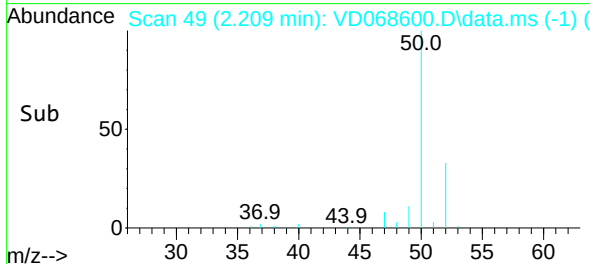
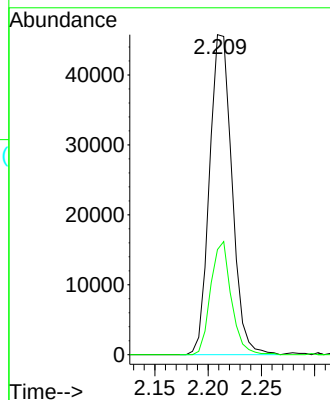
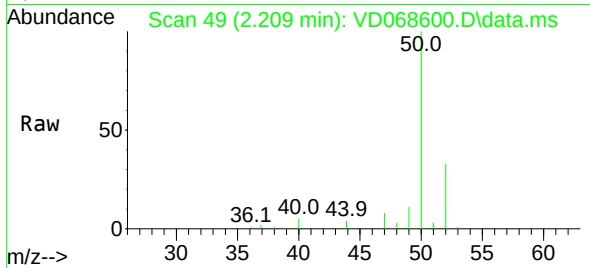
#3
Chloromethane
Concen: 18.19 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 50 Resp: 67122
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

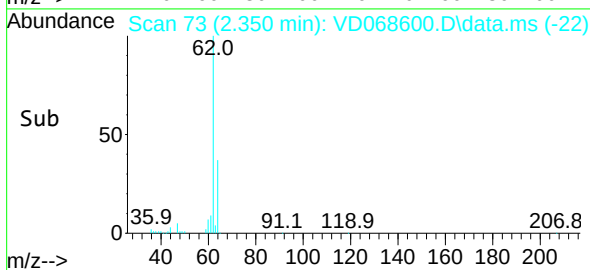
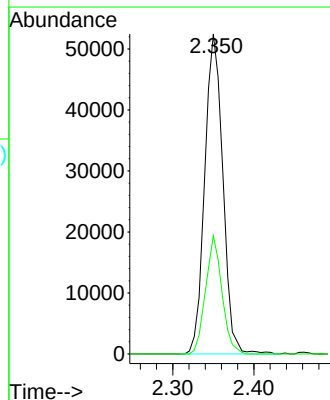
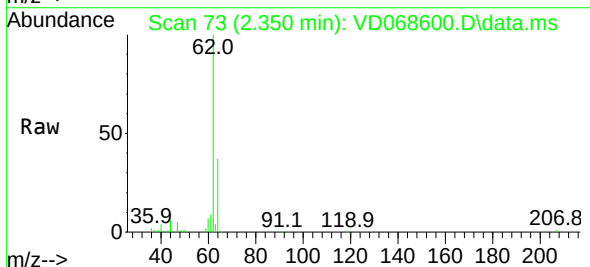
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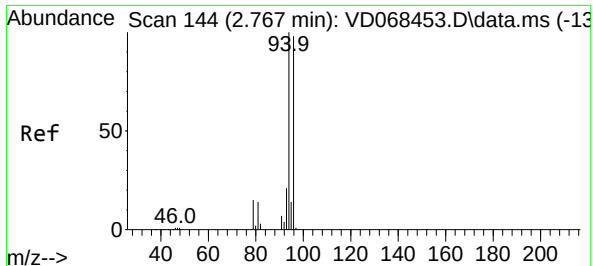
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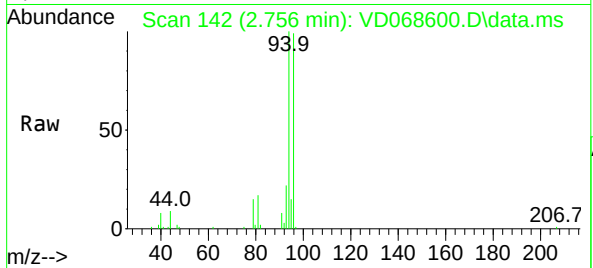
#4
Vinyl Chloride
Concen: 18.51 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 62 Resp: 81120
Ion Ratio Lower Upper
62 100
64 37.0 25.4 38.2

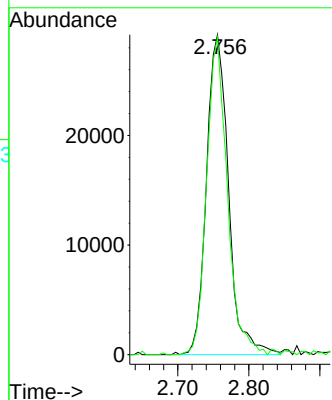




#5
Bromomethane
Concen: 20.21 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



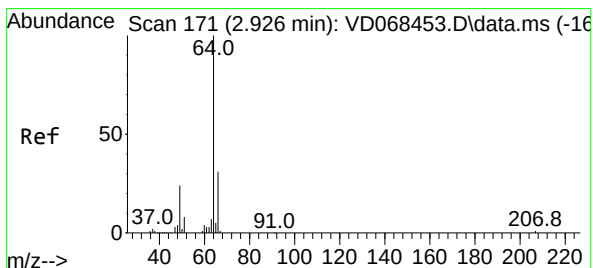
Tgt Ion: 94 Resp: 63056
Ion Ratio Lower Upper
94 100
96 99.3 75.8 113.8



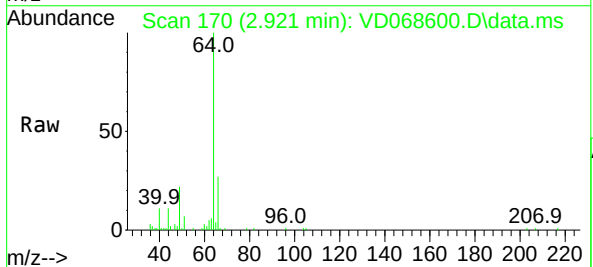
Instrument :
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ClientSampleId :
VD0312SBSD01

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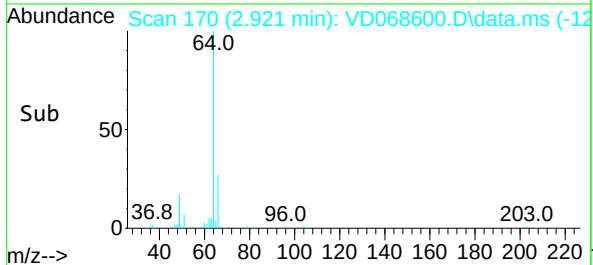
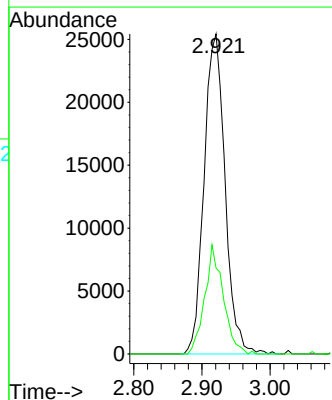
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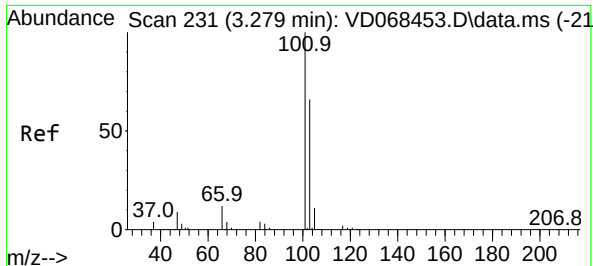


#6
Chloroethane
Concen: 19.22 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



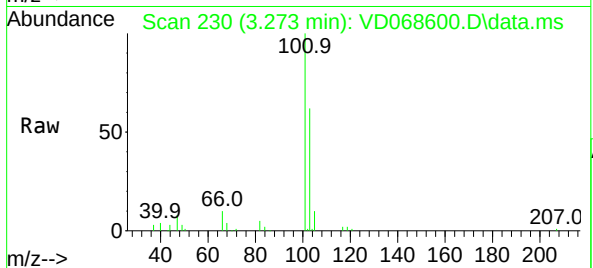
Tgt Ion: 64 Resp: 54464
Ion Ratio Lower Upper
64 100
66 26.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.39 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

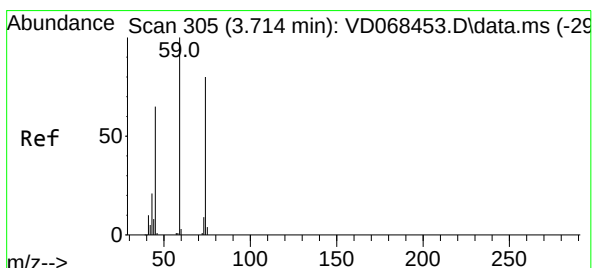
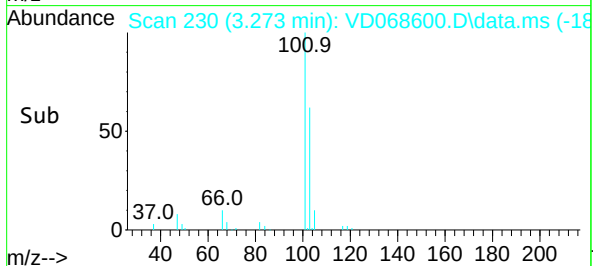
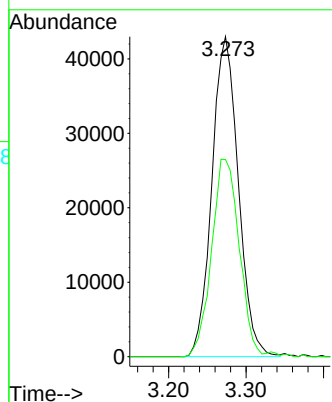
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



Tgt Ion:101 Resp: 101942
Ion Ratio Lower Upper
101 100
103 61.6 52.0 78.0

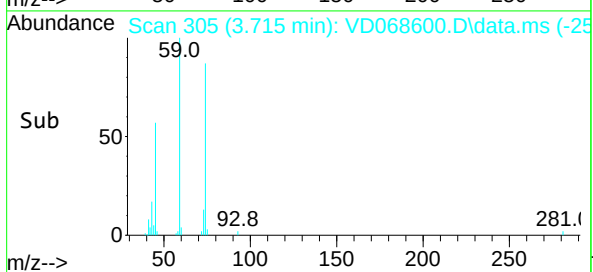
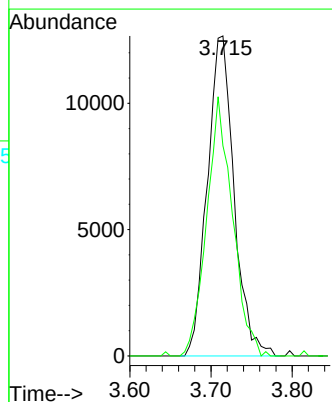
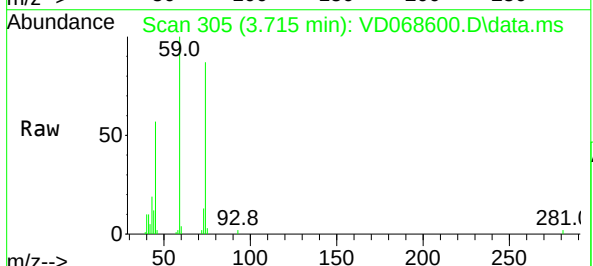
Manual Integrations
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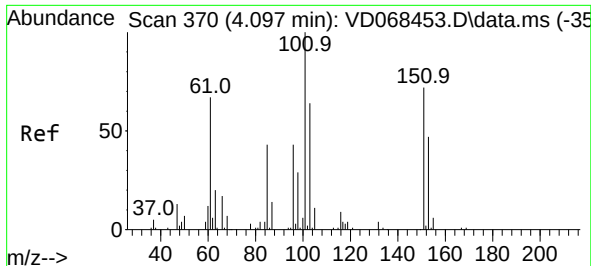
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#8
Diethyl Ether
Concen: 19.45 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 74 Resp: 28953
Ion Ratio Lower Upper
74 100
45 78.4 42.1 126.4





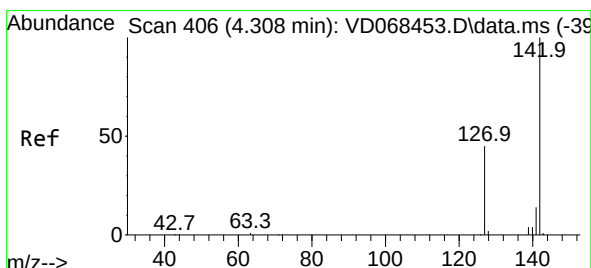
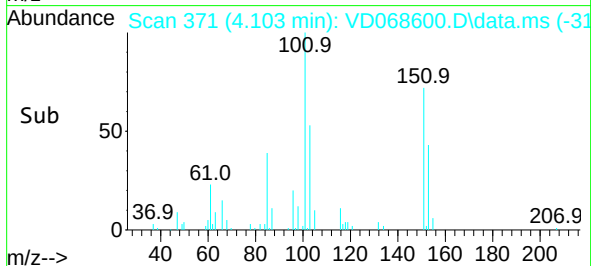
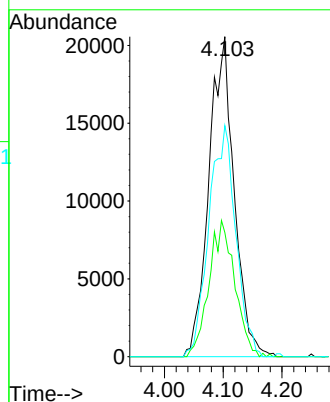
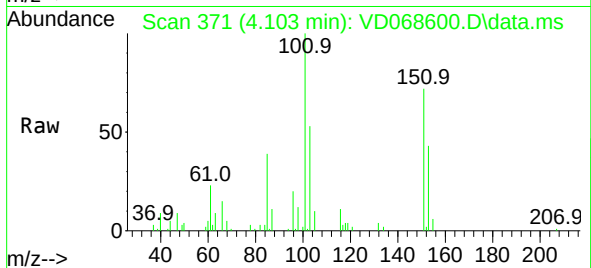
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.19 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068600.D
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Tgt Ion:	101	Resp:	61494
Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.0	51.0
151	76.7	64.1	96.1

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VD0312SBSD01

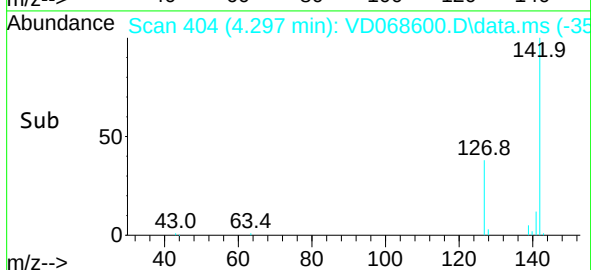
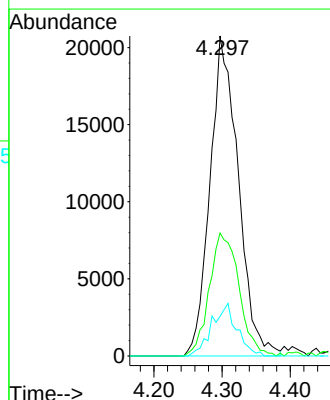
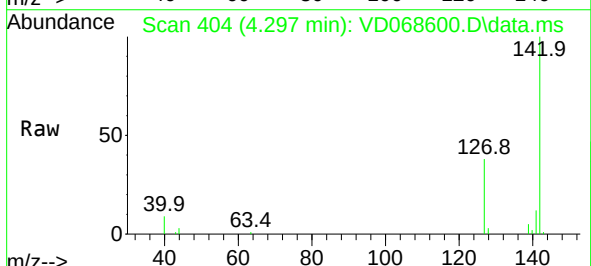
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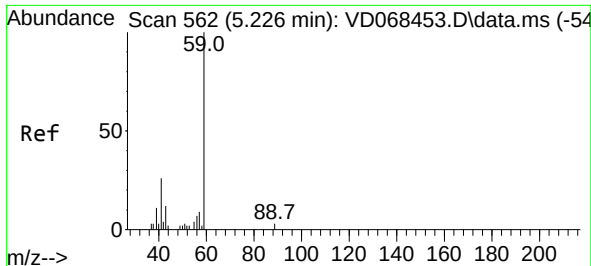
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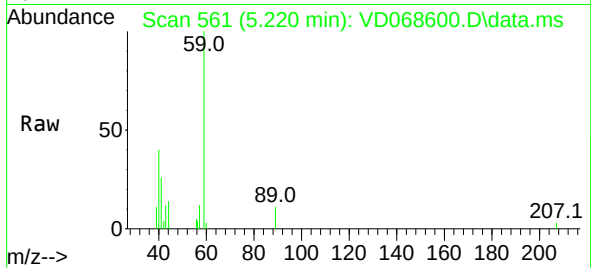
#10
Methyl Iodide
Concen: 18.20 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion:	142	Resp:	59870
Ion	Ratio	Lower	Upper
142	100		
127	40.2	37.9	56.9
141	14.5	11.5	17.3

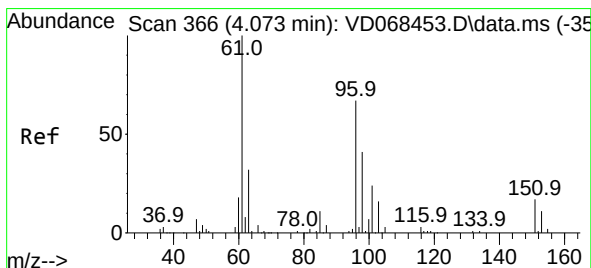
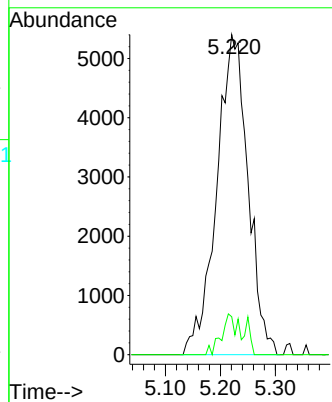
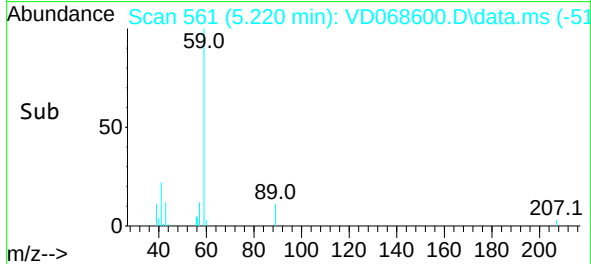




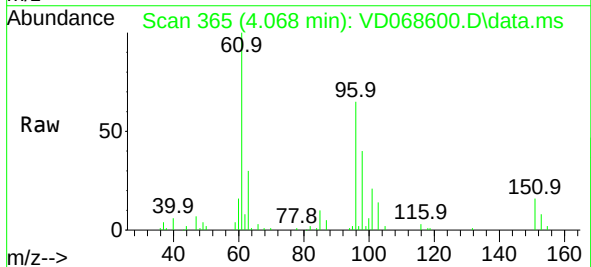
#11
Tert butyl alcohol
Concen: 133.53 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



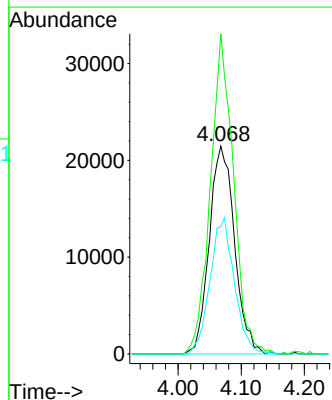
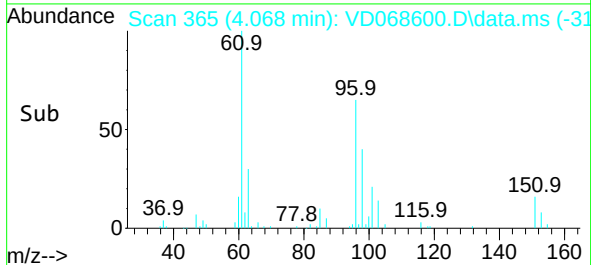
Tgt Ion: 59 Resp: 21436
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 19.76 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



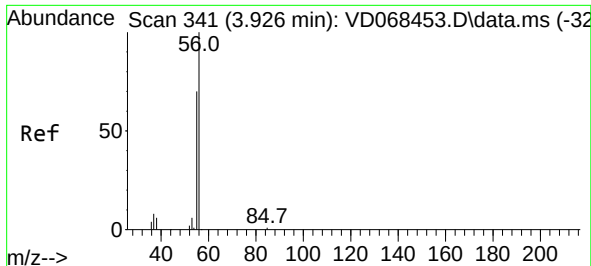
Tgt Ion: 96 Resp: 59713
Ion Ratio Lower Upper
96 100
61 154.0 116.2 174.4
98 61.4 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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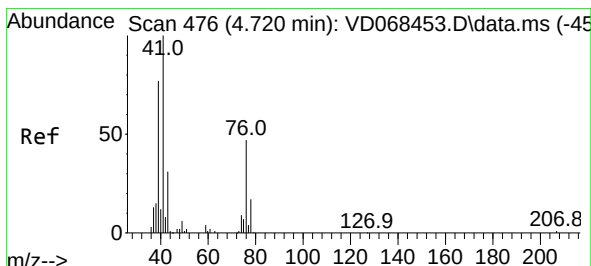
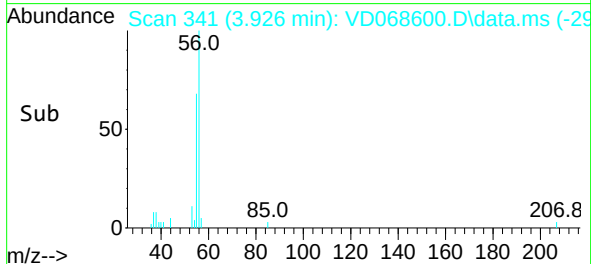
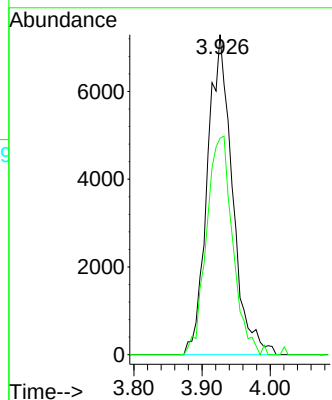
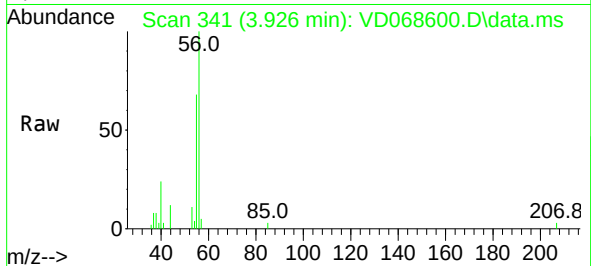
#13
Acrolein
Concen: 81.13 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 56 Resp: 18615
Ion Ratio Lower Upper
56 100
55 71.6 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

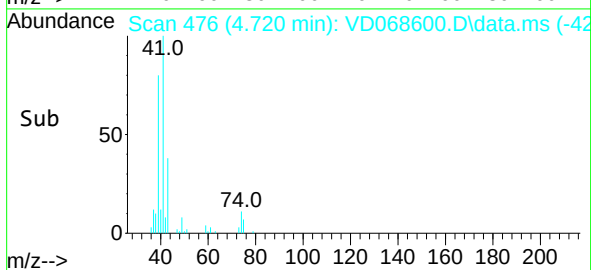
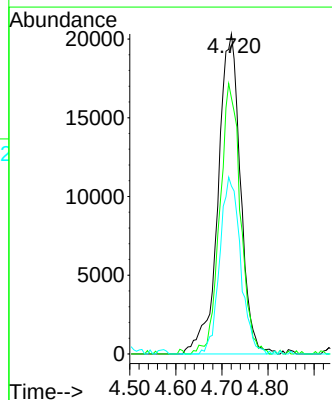
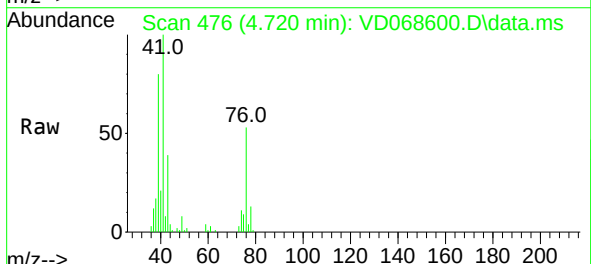
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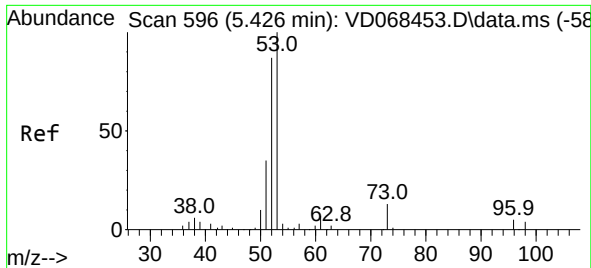
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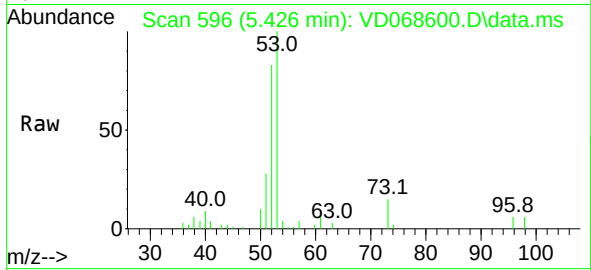
#14
Allyl chloride
Concen: 17.57 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 41 Resp: 68563
Ion Ratio Lower Upper
41 100
39 77.6 56.3 84.5
76 51.3 38.9 58.3

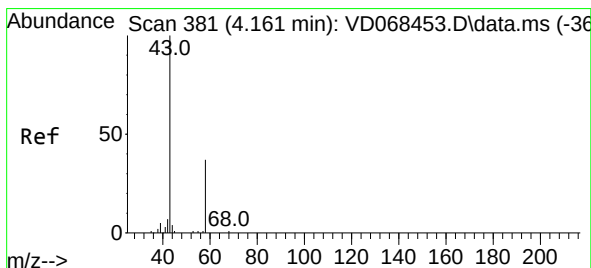
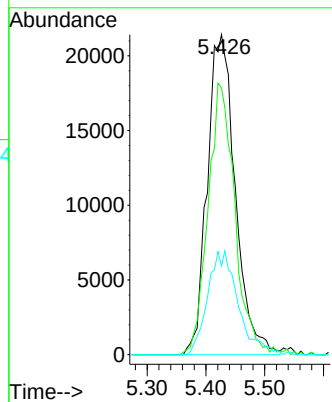
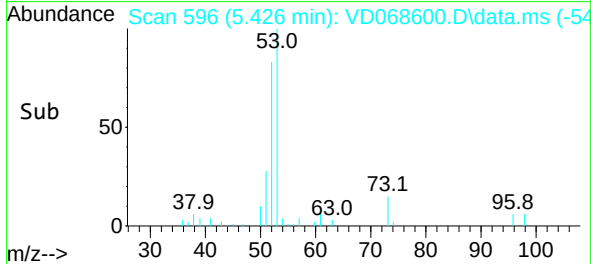




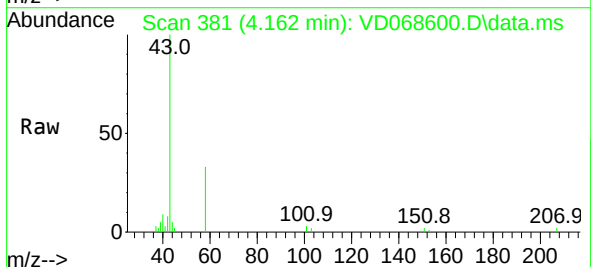
#15
Acrylonitrile
Concen: 112.88 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



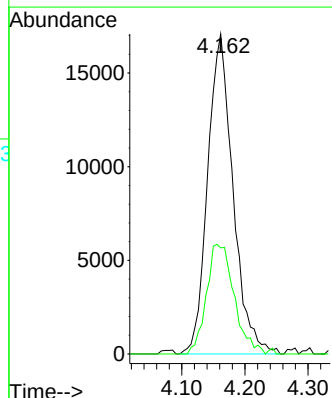
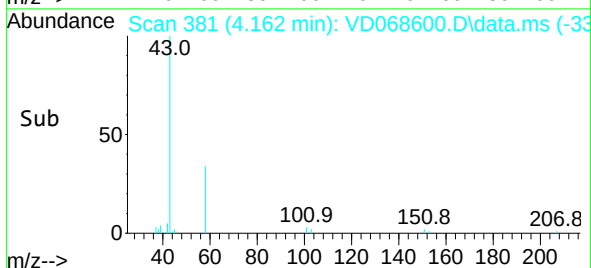
Tgt Ion: 53 Resp: 70907
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.2
51 35.3 29.0 43.4



#16
Acetone
Concen: 99.73 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



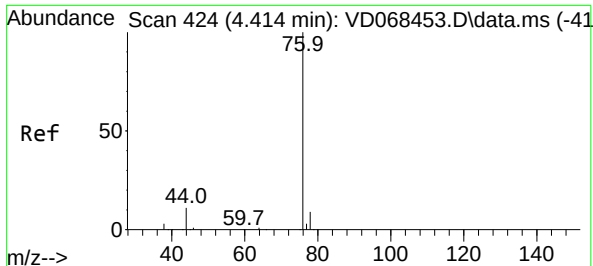
Tgt Ion: 43 Resp: 47631
Ion Ratio Lower Upper
43 100
58 33.2 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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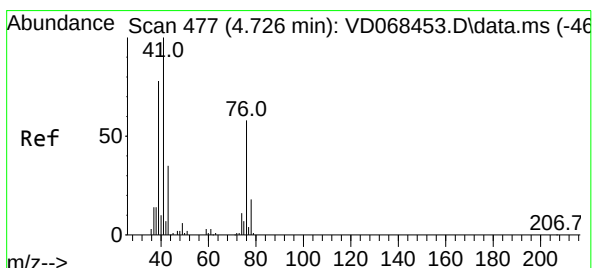
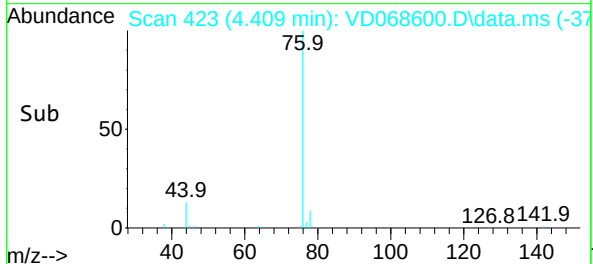
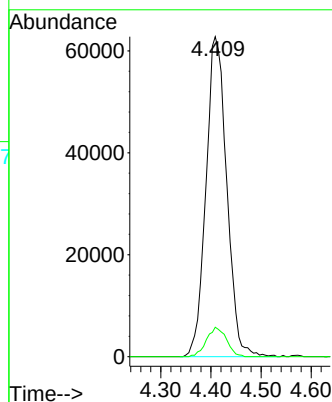
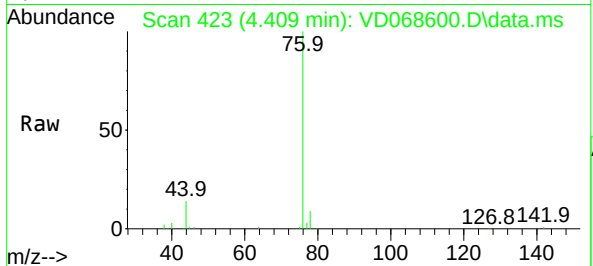
#17
Carbon Disulfide
Concen: 18.29 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 76 Resp: 181046
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

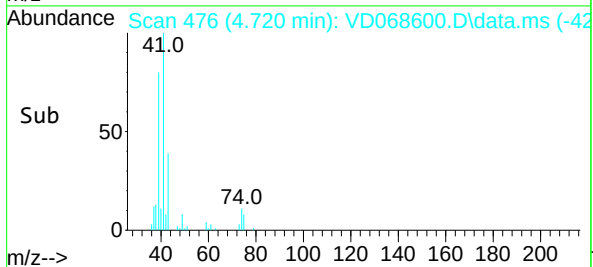
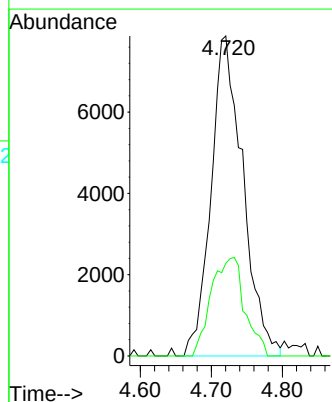
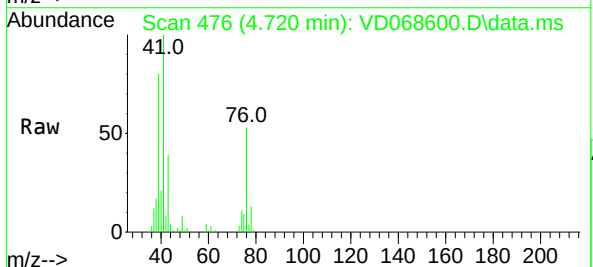
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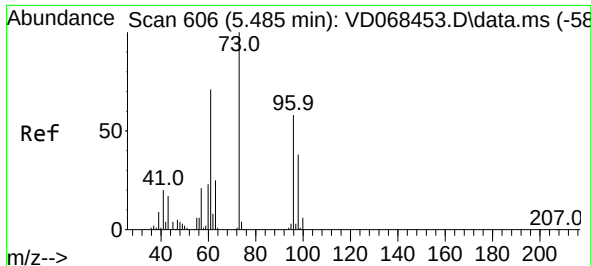
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#18
Methyl Acetate
Concen: 19.94 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

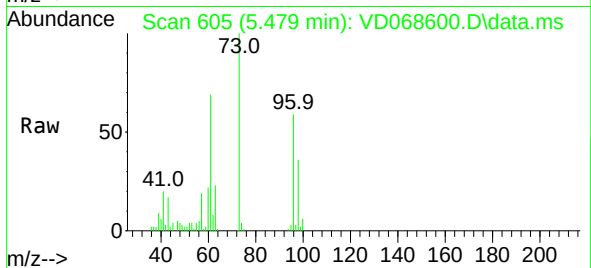
Tgt Ion: 43 Resp: 24542
Ion Ratio Lower Upper
43 100
74 32.4 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 22.89 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

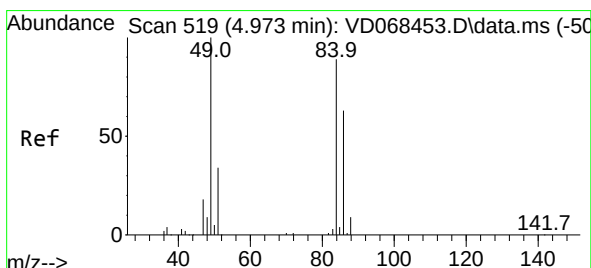
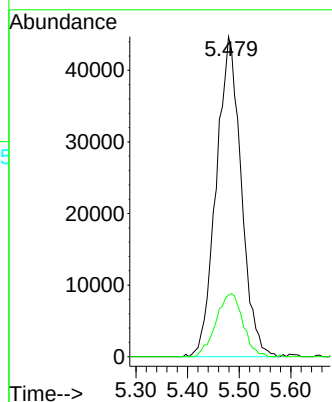
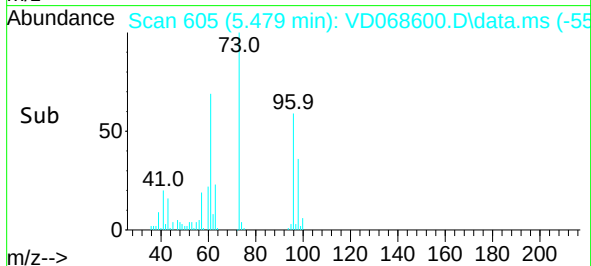
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



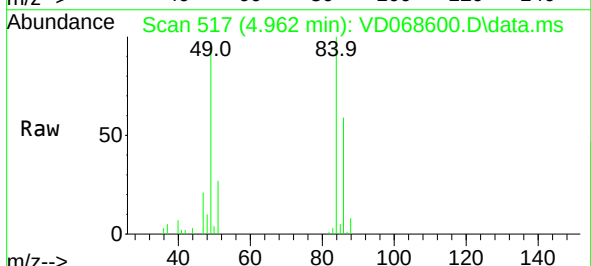
Tgt Ion: 73 Resp: 149997
Ion Ratio Lower Upper
73 100
57 19.3 14.4 21.6

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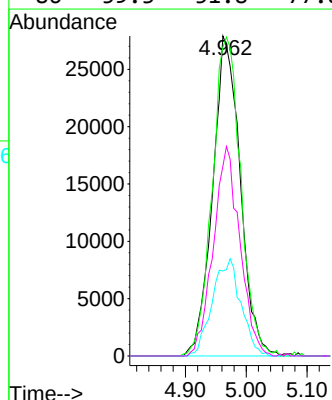
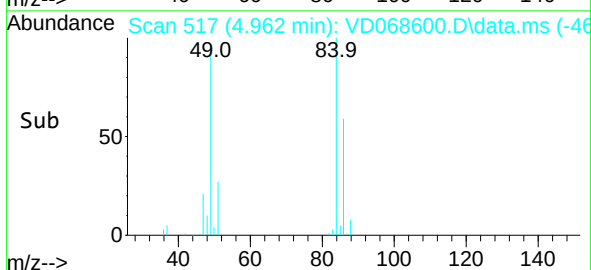
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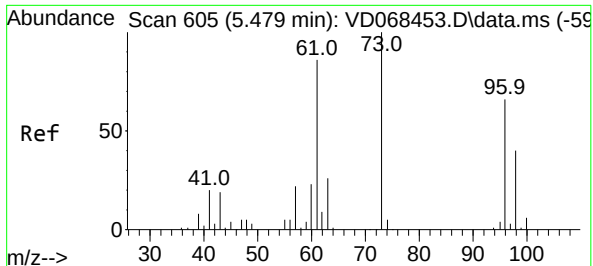


#20
Methylene Chloride
Concen: 22.19 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

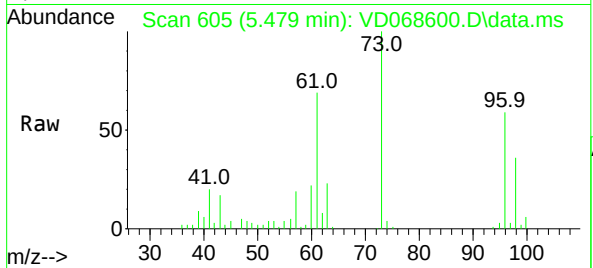


Tgt Ion: 84 Resp: 87534
Ion Ratio Lower Upper
84 100
49 96.6 77.4 116.2
51 26.5 26.1 39.1
86 59.3 51.8 77.8



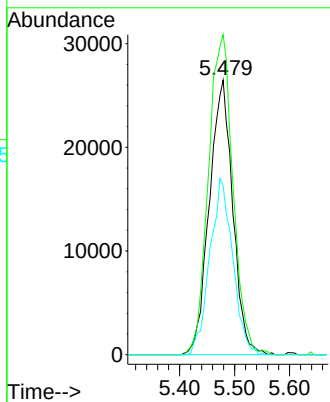
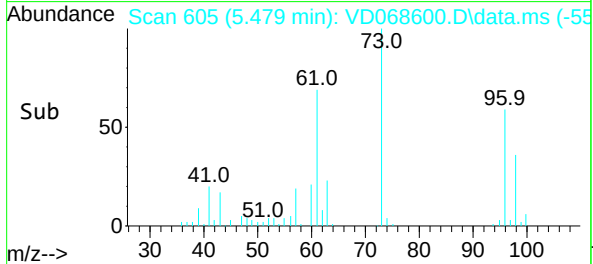


#21
trans-1,2-Dichloroethene
Concen: 21.72 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion: 96 Resp: 78387

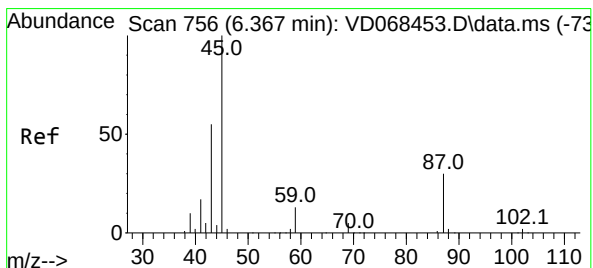
Ion	Ratio	Lower	Upper
96	100		
61	116.6	96.7	145.1
98	61.6	47.6	71.4



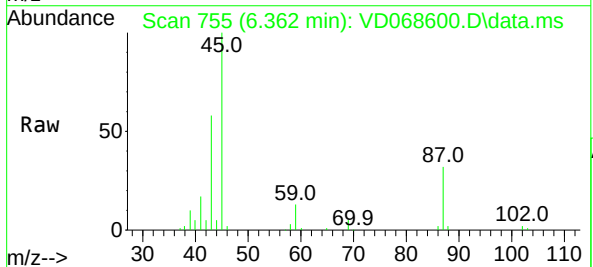
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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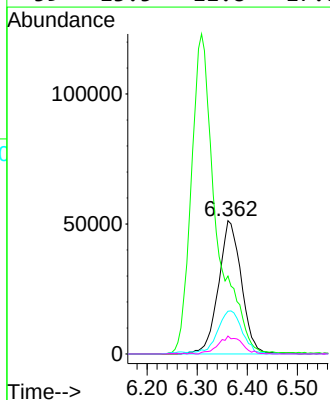
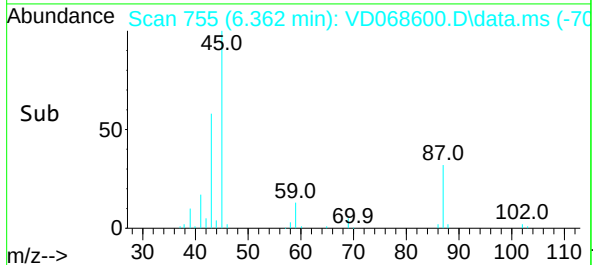


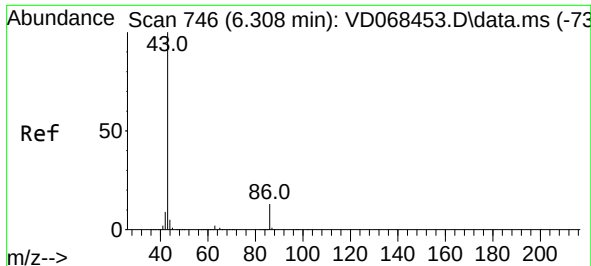
#22
Diisopropyl ether
Concen: 18.89 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



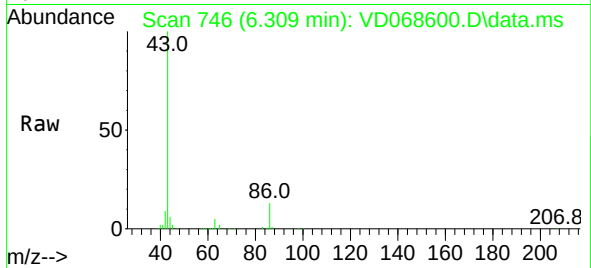
Tgt Ion: 45 Resp: 162277

Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.9	65.9
87	31.7	29.9	44.9
59	13.5	11.8	17.8

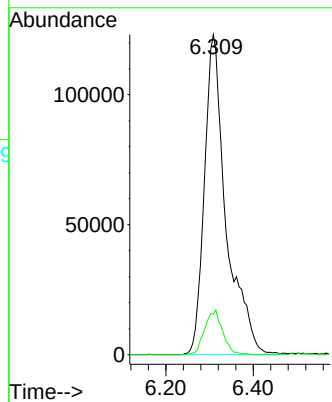




#23
 Vinyl Acetate
 Concen: 95.73 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068600.D
 Acq: 12 Mar 2021 12:08



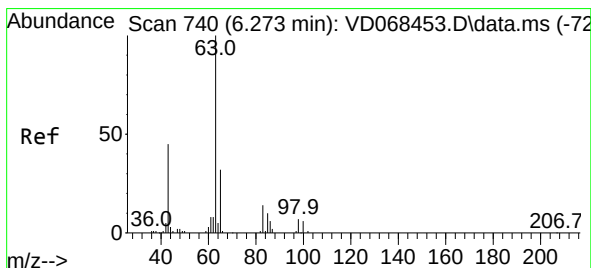
Tgt Ion: 43 Resp: 426764
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.8 16.2



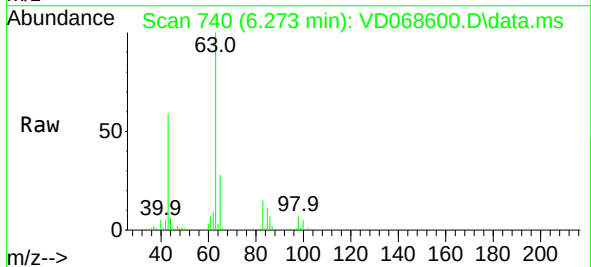
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

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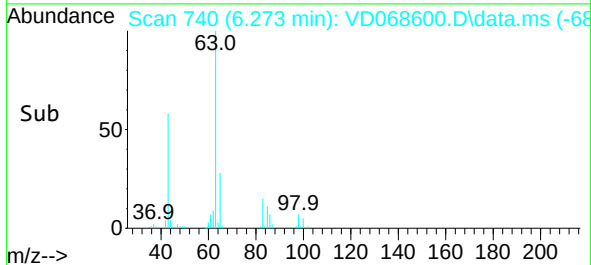
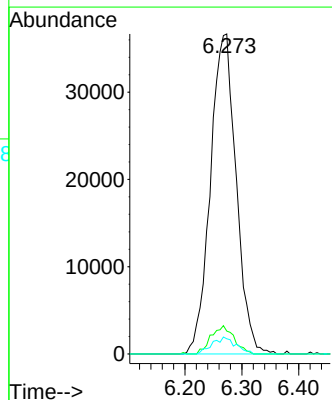
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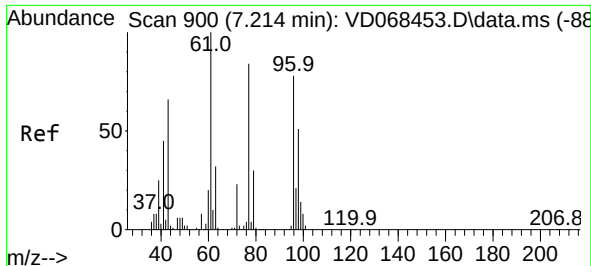


#24
 1,1-Dichloroethane
 Concen: 19.62 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068600.D
 Acq: 12 Mar 2021 12:08



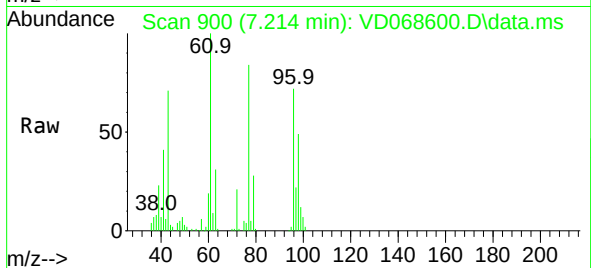
Tgt Ion: 63 Resp: 115550
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.6 8.0





#25
2-Butanone
Concen: 99.73 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

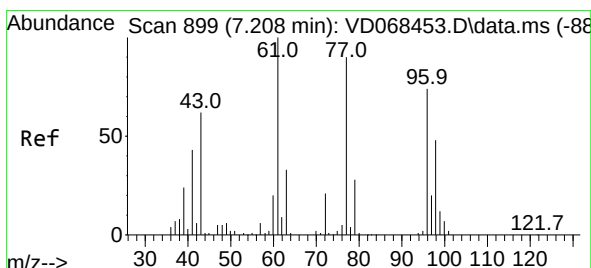
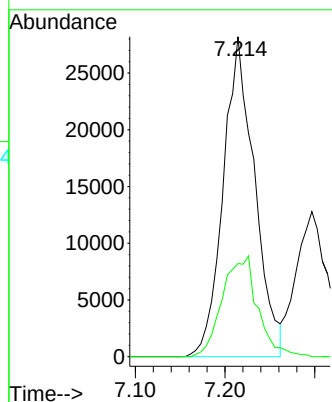
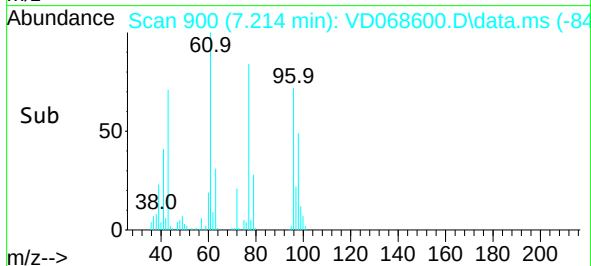
Instrument :
MSVOA_D
ClientSampleID :
VD0312SBSD01



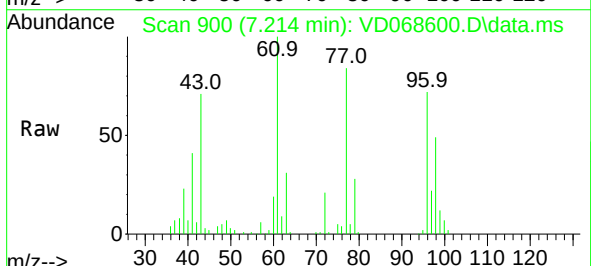
Tgt Ion: 43 Resp: 68466
Ion Ratio Lower Upper
43 100
72 29.1 25.1 37.7

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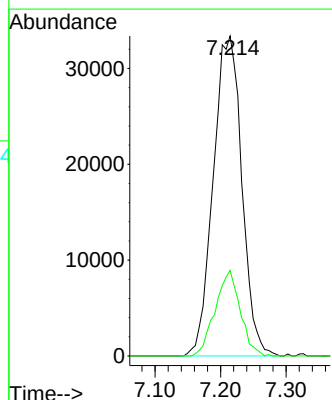
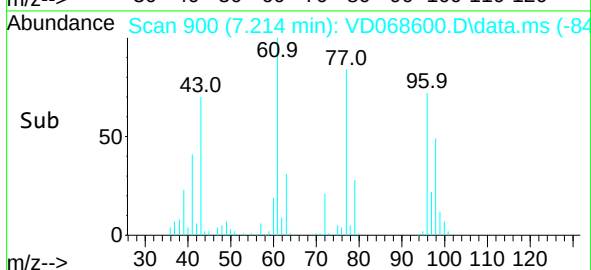
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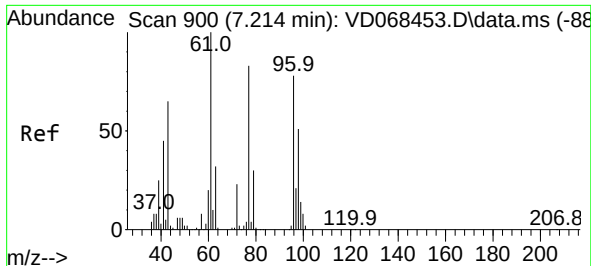


#26
2,2-Dichloropropane
Concen: 20.57 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion: 77 Resp: 100946
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

Tgt Ion:	96	Resp:	77601
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	257.4
98	63.3	0.0	126.6

Instrument :

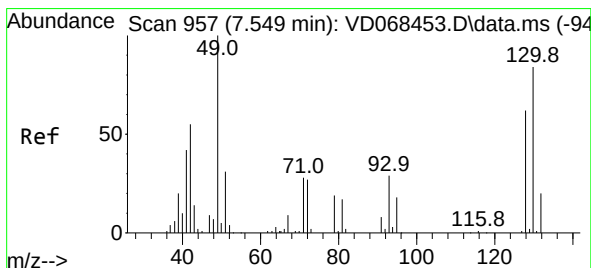
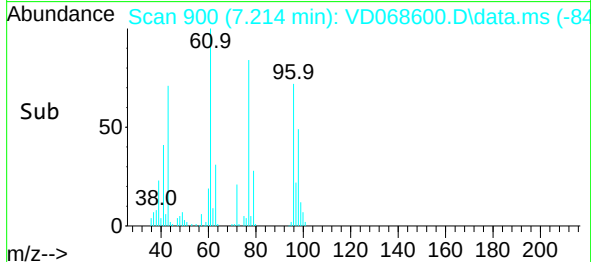
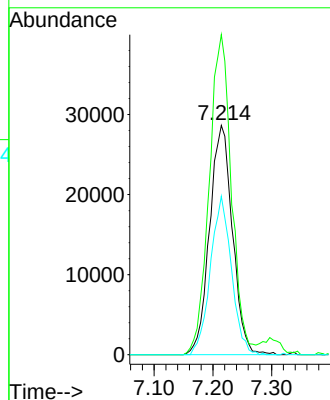
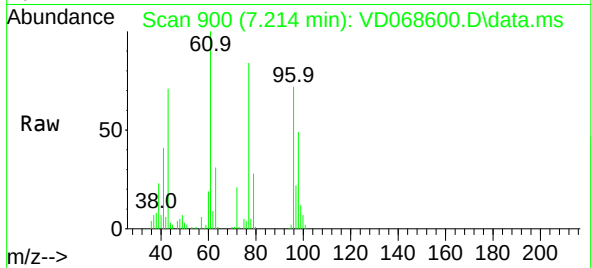
MSVOA_D

ClientSampleId :

VD0312SBSD01

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#28

Bromochloromethane

Concen: 18.65 ug/l

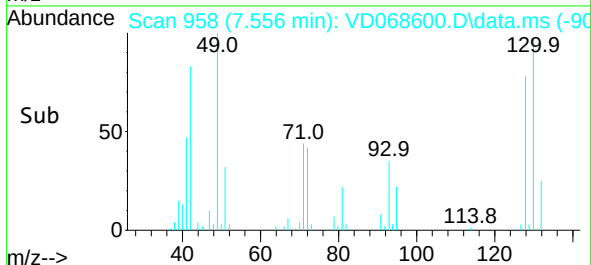
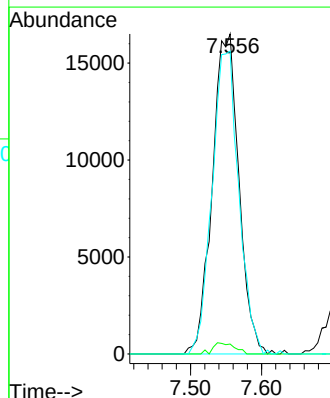
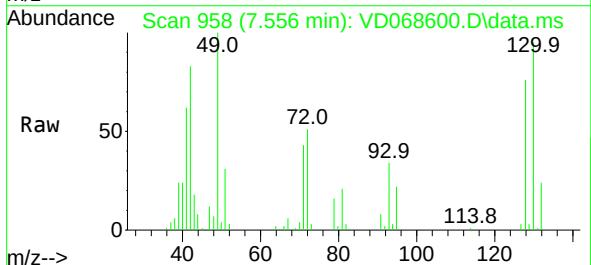
RT: 7.556 min Scan# 958

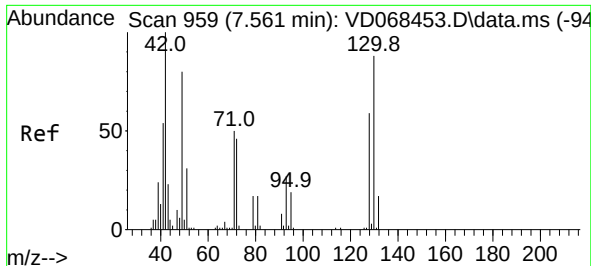
Delta R.T. 0.006 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

Tgt Ion:	49	Resp:	42873
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	95.2	85.5	128.3





#29

Tetrahydrofuran

Concen: 96.65 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068600.D

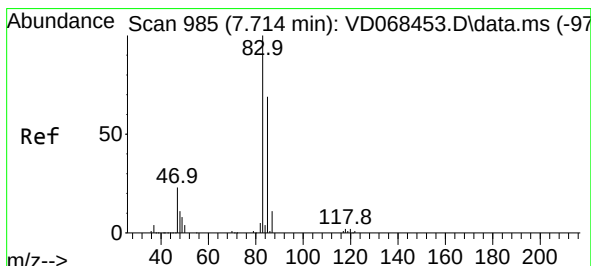
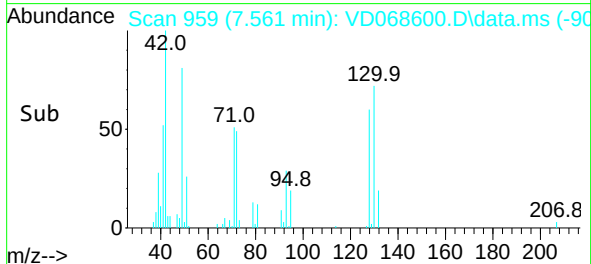
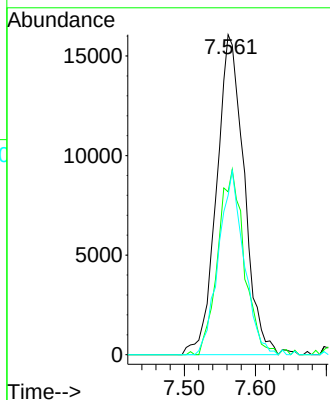
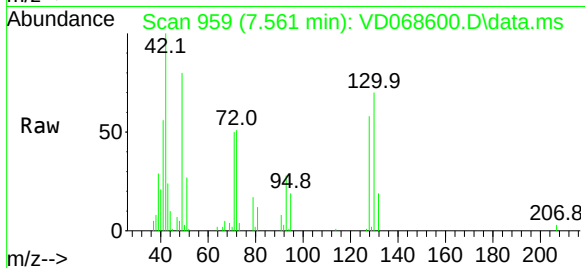
Acq: 12 Mar 2021 12:08

Tgt Ion:	42	Resp:	43084
Ion	Ratio	Lower	Upper
42	100		
72	55.4	43.4	65.0
71	53.0	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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#30

Chloroform

Concen: 20.56 ug/l

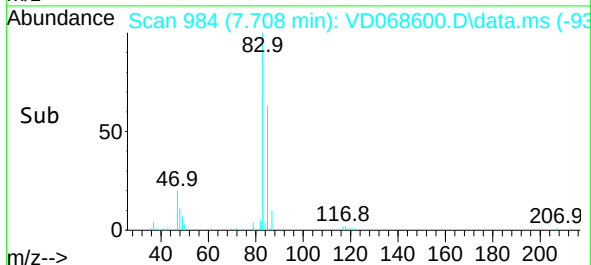
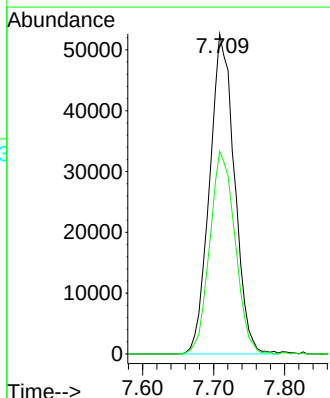
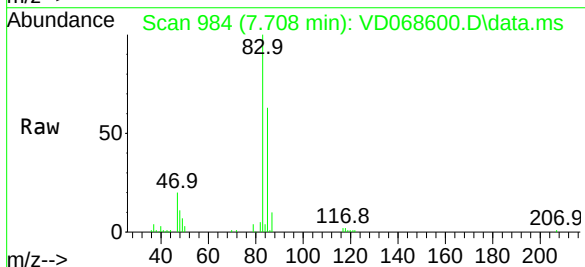
RT: 7.708 min Scan# 984

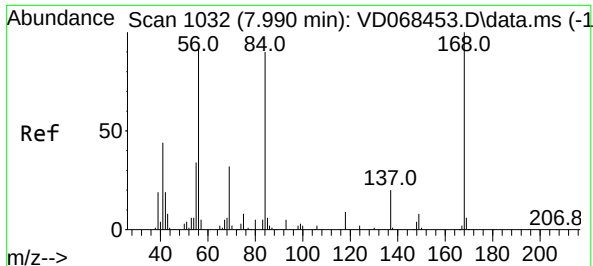
Delta R.T. -0.005 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

Tgt Ion:	83	Resp:	127915
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.0





#31

Cyclohexane

Concen: 17.66 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD068600.D

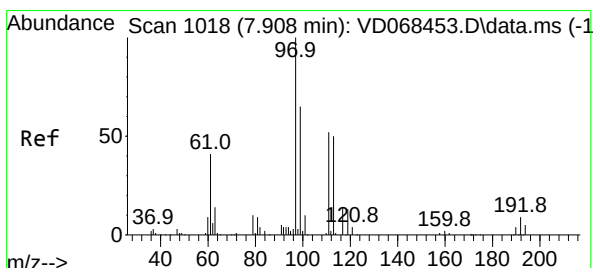
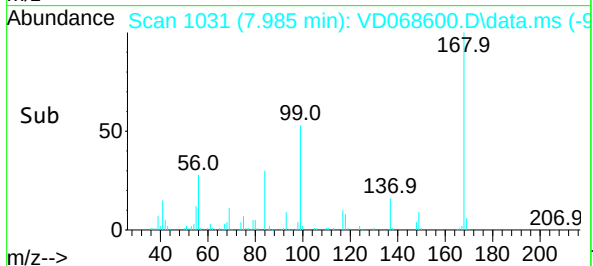
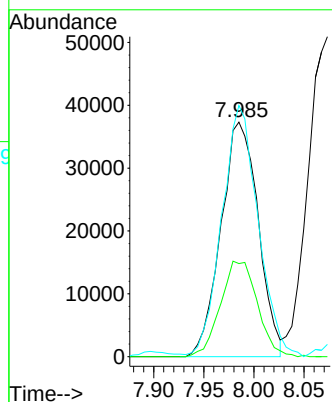
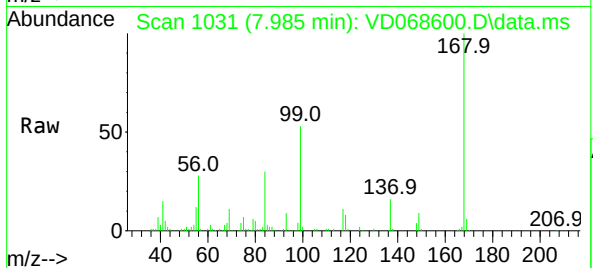
Acq: 12 Mar 2021 12:08

Tgt Ion:	56	Resp:	96562
Ion Ratio	Lower	Upper	
56	100		
69	39.7	30.1	45.1
84	106.0	82.1	123.1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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#32

1,1,1-Trichloroethane

Concen: 20.38 ug/l

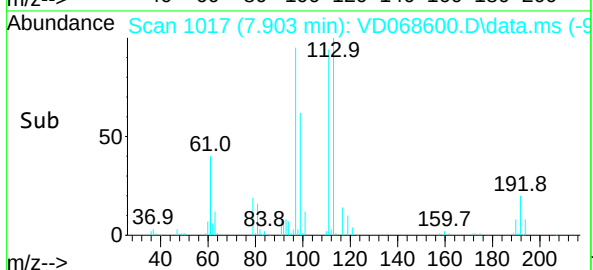
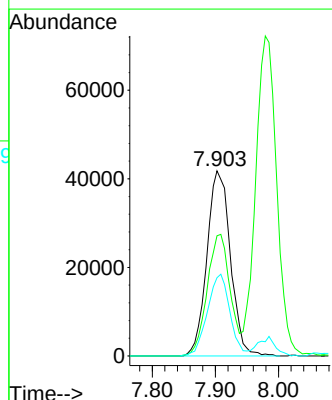
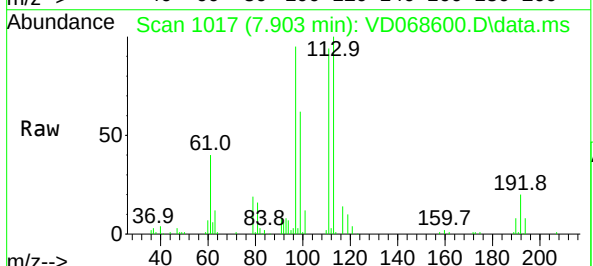
RT: 7.903 min Scan# 1017

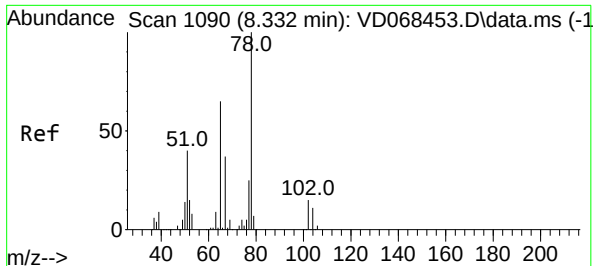
Delta R.T. -0.005 min

Lab File: VD068600.D

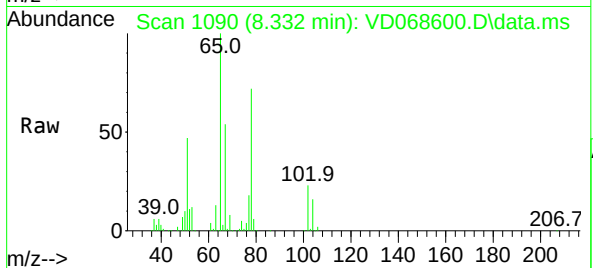
Acq: 12 Mar 2021 12:08

Tgt Ion:	97	Resp:	108185
Ion Ratio	Lower	Upper	
97	100		
99	63.5	52.1	78.1
61	42.1	30.1	45.1

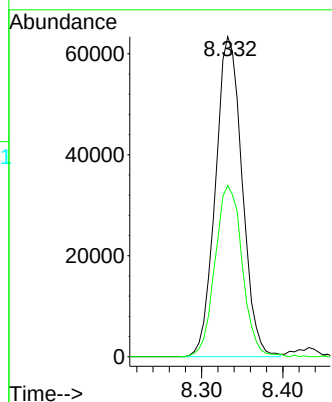
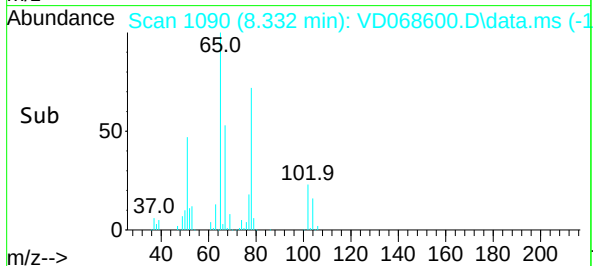




#33
1,2-Dichloroethane-d4
Concen: 48.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



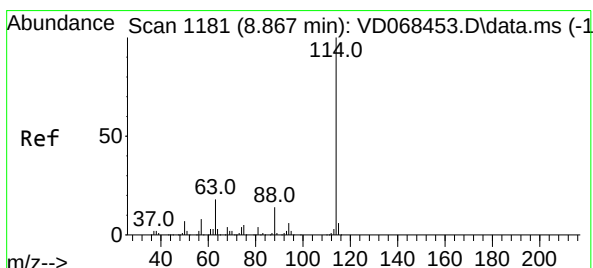
Tgt Ion: 65 Resp: 144641
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0



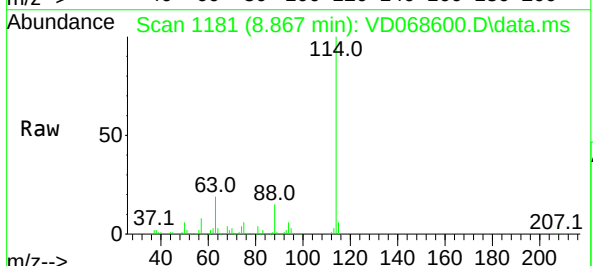
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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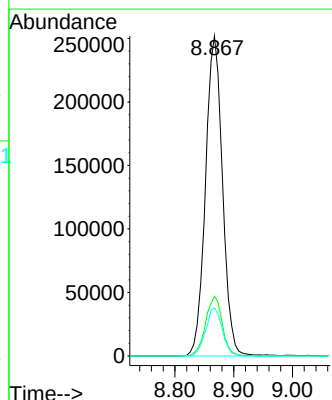
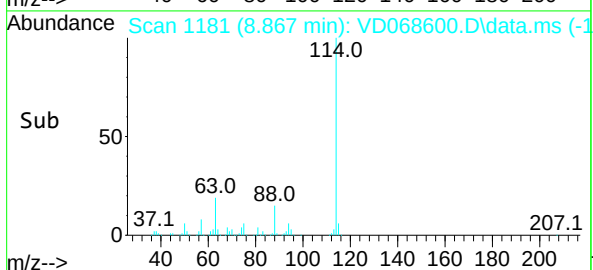
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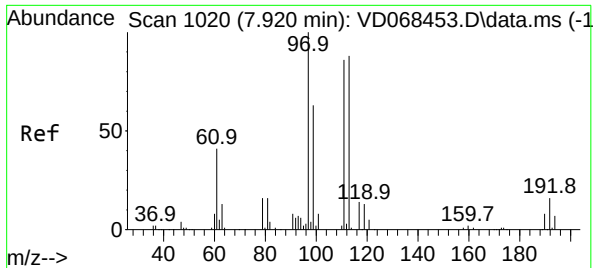


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion: 114 Resp: 507492
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.00 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

Tgt Ion:	113	Resp:	155928
Ion Ratio	Lower	Upper	
113	100		
111	100.1	81.4	122.0
192	20.0	16.1	24.1

Instrument :

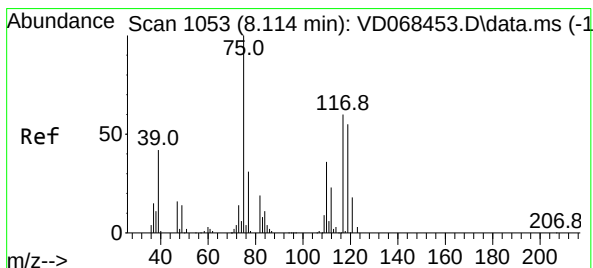
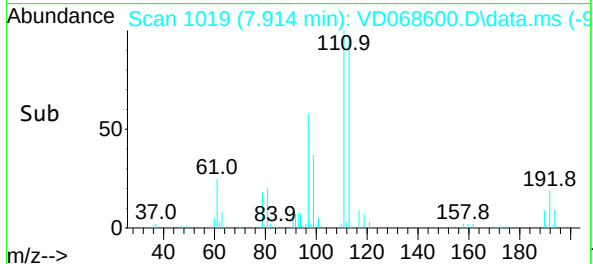
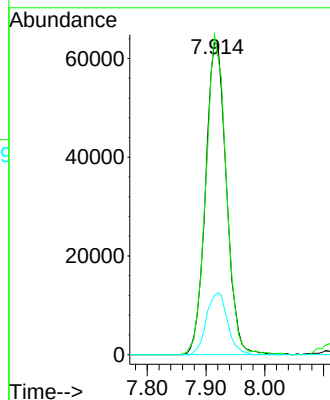
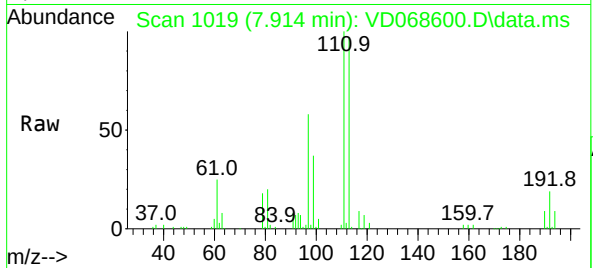
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ClientSampleId :

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#36

1,1-Dichloropropene

Concen: 19.65 ug/l

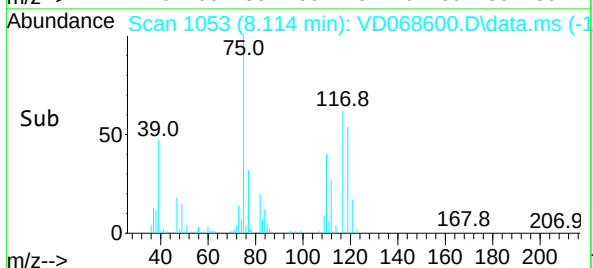
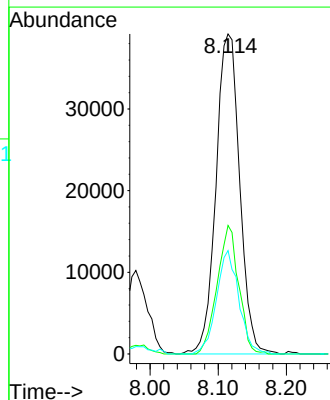
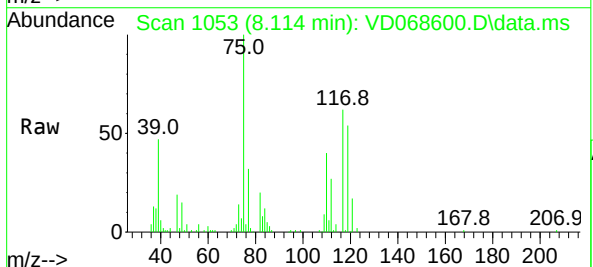
RT: 8.114 min Scan# 1053

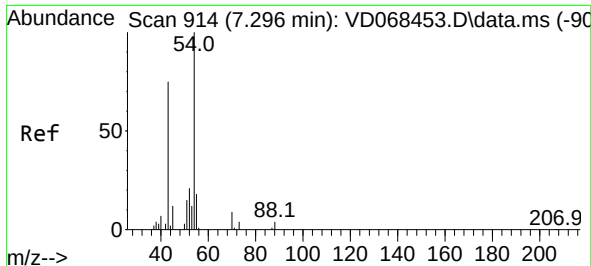
Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

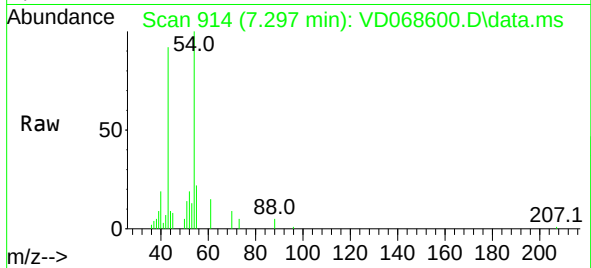
Tgt Ion:	75	Resp:	94781
Ion Ratio	Lower	Upper	
75	100		
110	36.4	19.4	58.2
77	30.6	25.3	37.9





#37
Ethyl Acetate
Concen: 19.59 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

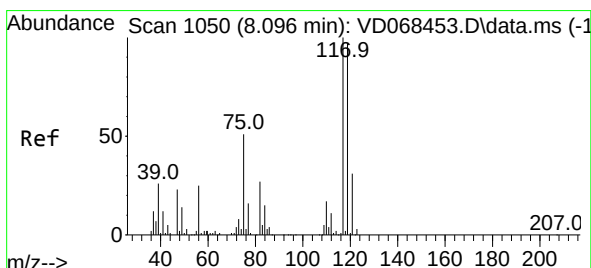
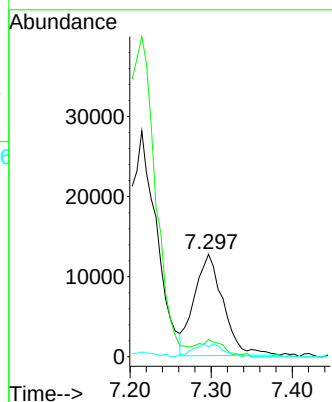
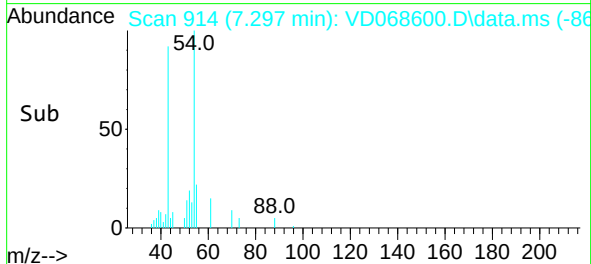
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



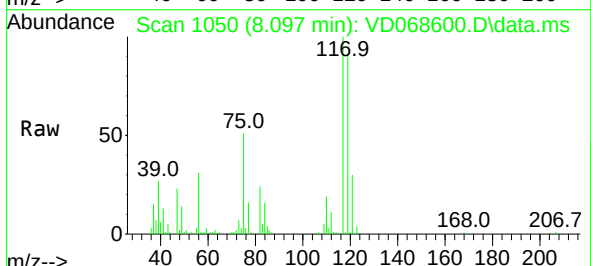
Tgt Ion: 43 Resp: 31353
Ion Ratio Lower Upper
43 100
61 15.4 12.9 19.3
70 12.9 11.0 16.6

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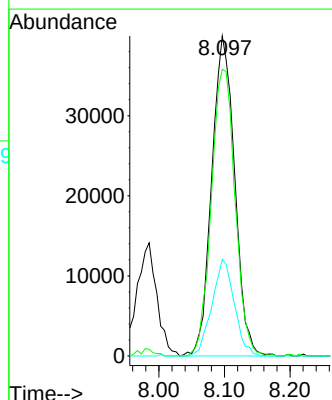
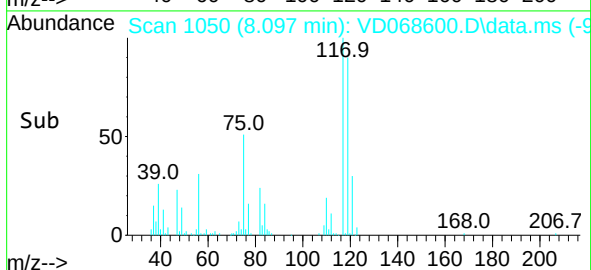
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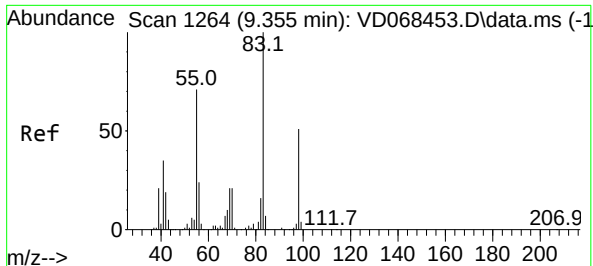


#38
Carbon Tetrachloride
Concen: 21.42 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion: 117 Resp: 97075
Ion Ratio Lower Upper
117 100
119 89.6 77.3 115.9
121 30.2 24.7 37.1





#39

Methylcyclohexane

Concen: 19.20 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

Tgt Ion:	83	Resp:	114244
Ion	Ratio	Lower	Upper
83	100		
55	67.8	55.2	82.8
98	52.7	39.1	58.7

Instrument :

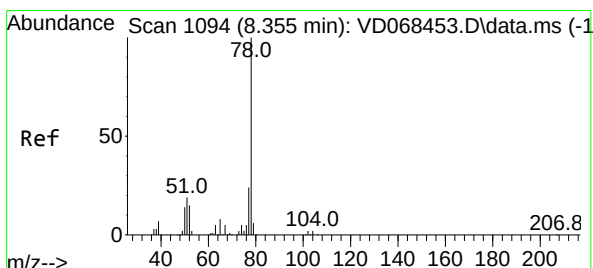
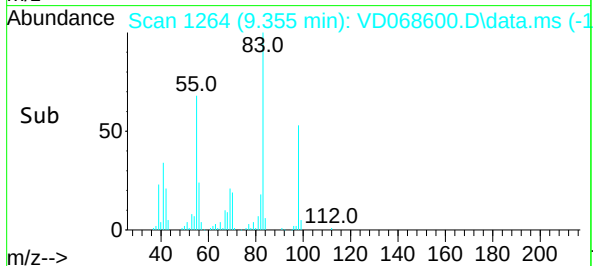
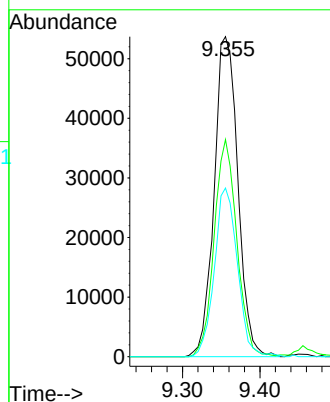
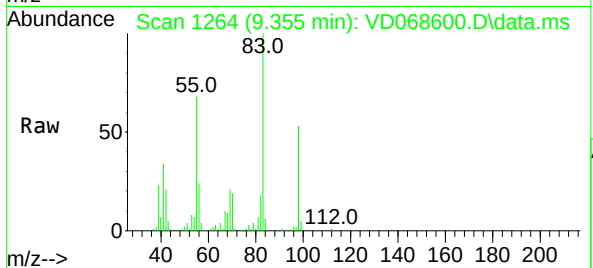
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 19.87 ug/l

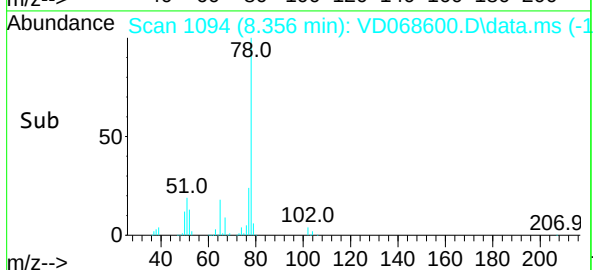
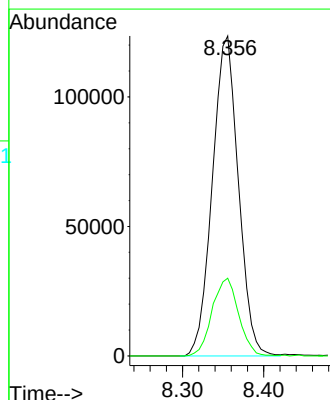
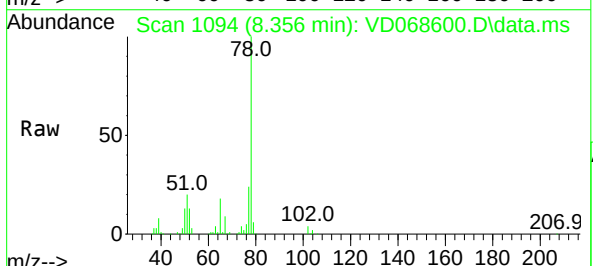
RT: 8.356 min Scan# 1094

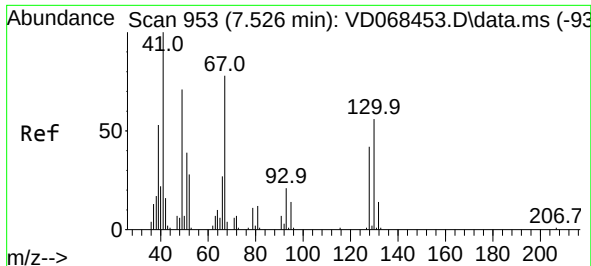
Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

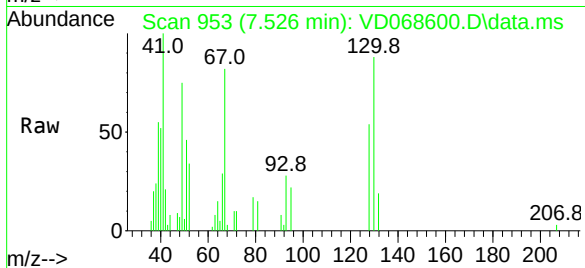
Tgt Ion:	78	Resp:	274933
Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.8	26.6





#41
Methacrylonitrile
Concen: 15.74 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

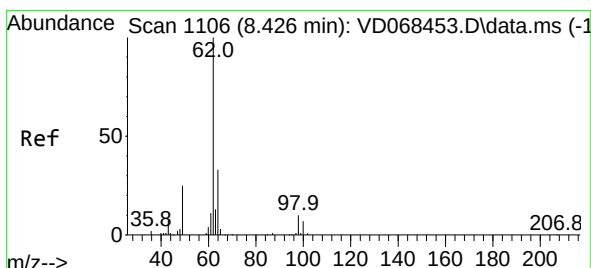
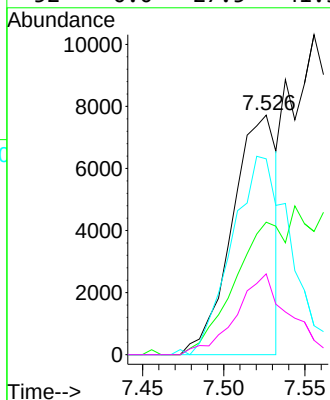
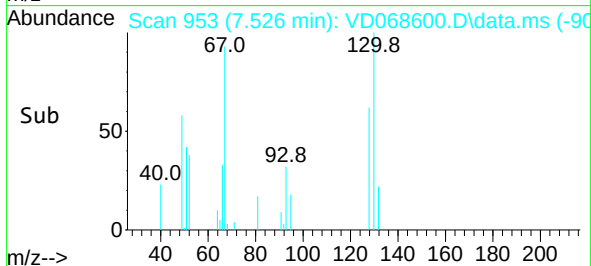
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



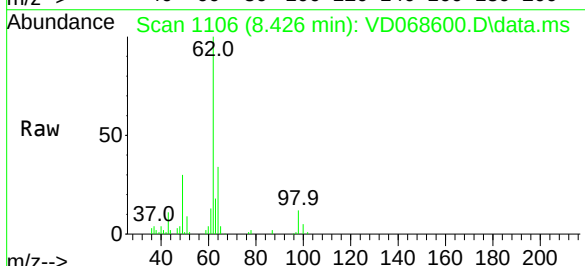
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	67.4	101.2#
52	0.0	27.5	41.3#

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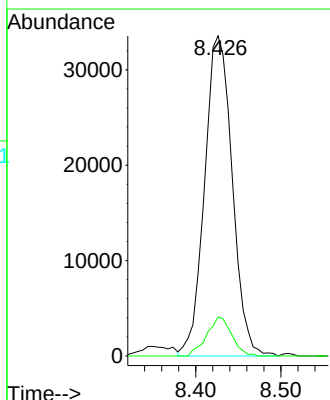
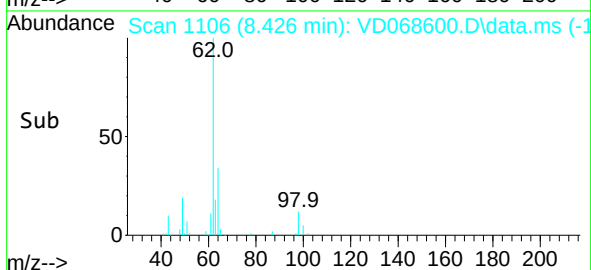
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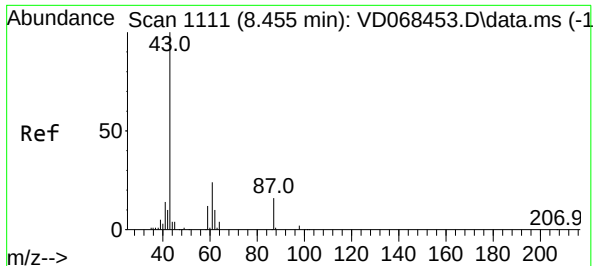


#42
1,2-Dichloroethane
Concen: 20.81 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



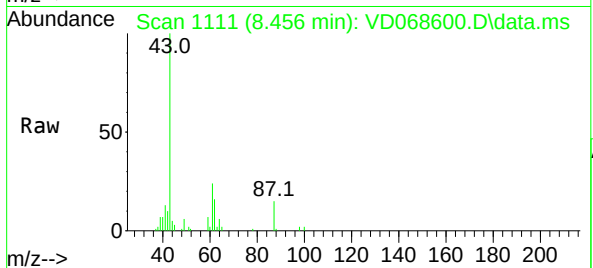
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





#43
Isopropyl Acetate
Concen: 21.53 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

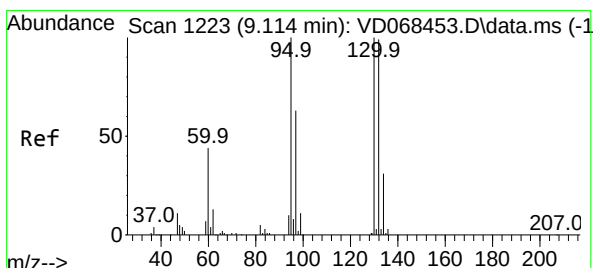
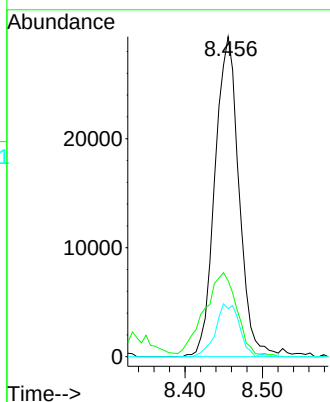
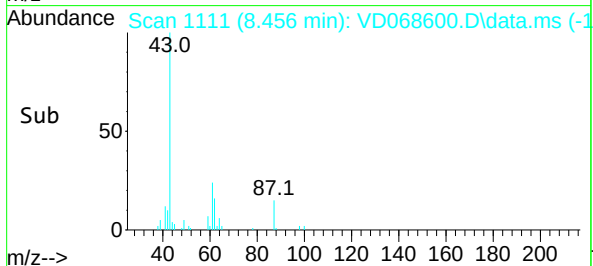
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



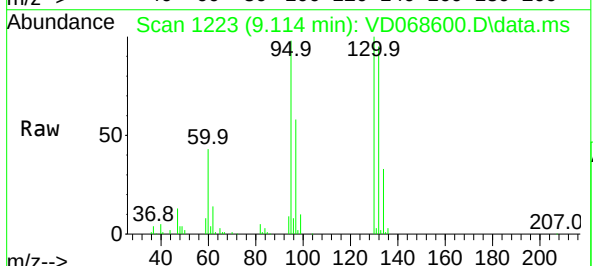
Tgt Ion: 43 Resp: 63320
Ion Ratio Lower Upper
43 100
61 35.9 28.7 43.1
87 16.4 13.9 20.9

Manual Integrations
APPROVED

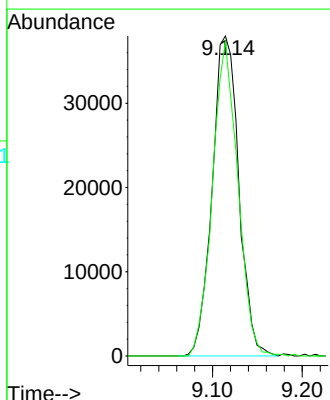
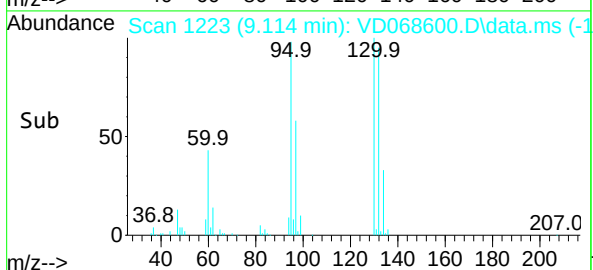
MMDadoda
3/15/2021 12:39:48 PM

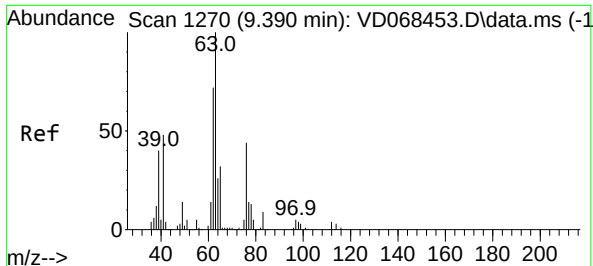


#44
Trichloroethene
Concen: 20.61 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion:130 Resp: 78280
Ion Ratio Lower Upper
130 100
95 98.1 0.0 191.2





#45

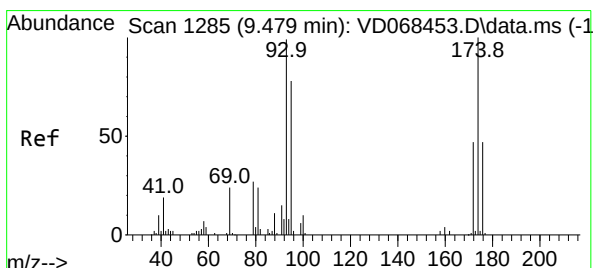
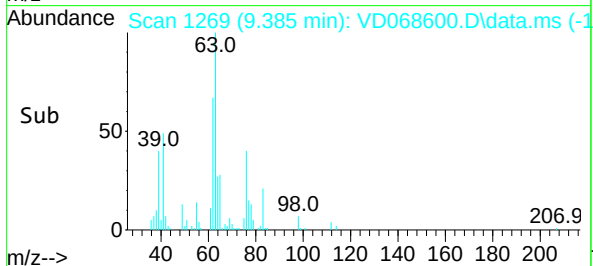
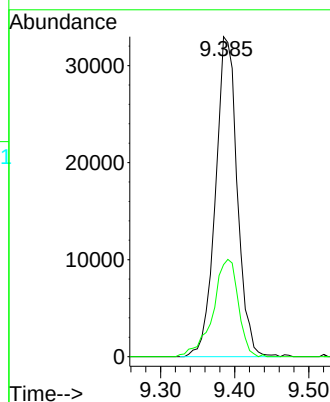
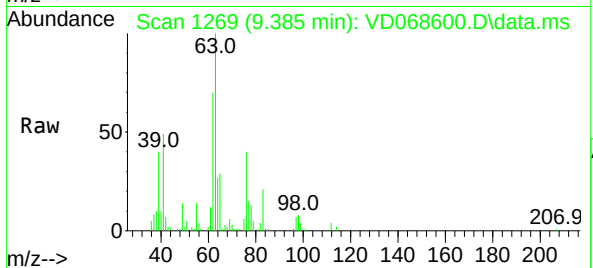
1,2-Dichloropropane
Concen: 20.34 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 63 Resp: 67279
Ion Ratio Lower Upper
63 100
65 28.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
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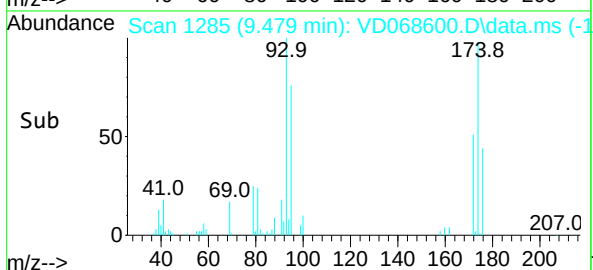
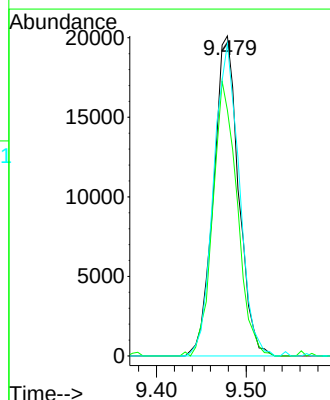
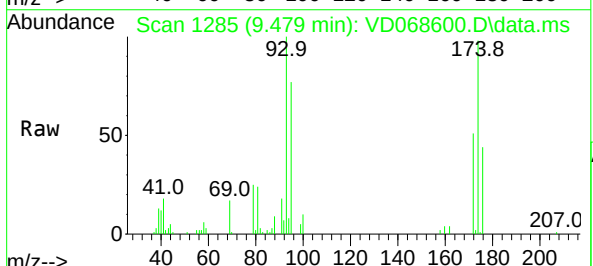
MMDadoda
3/15/2021 12:39:48 PM

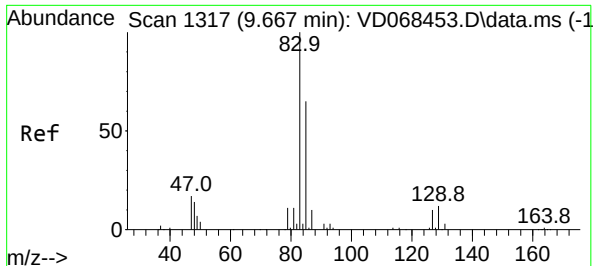


#46

Dibromomethane
Concen: 21.63 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

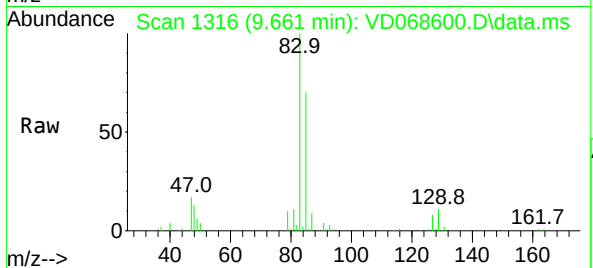
Tgt Ion: 93 Resp: 38919
Ion Ratio Lower Upper
93 100
95 83.4 67.3 100.9
174 99.8 84.6 127.0





#47
Bromodichloromethane
Concen: 21.07 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

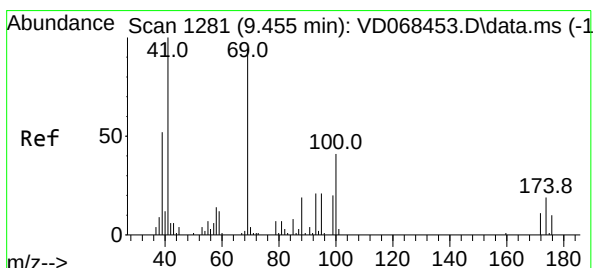
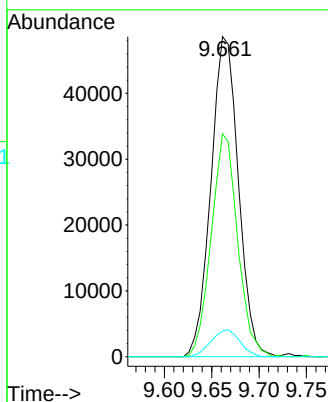
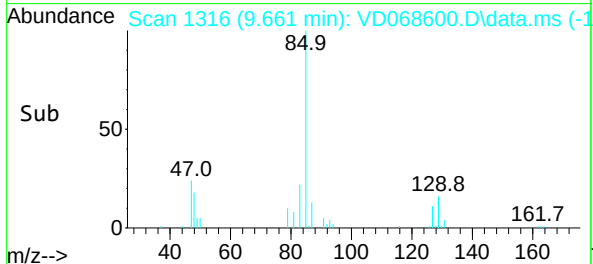
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



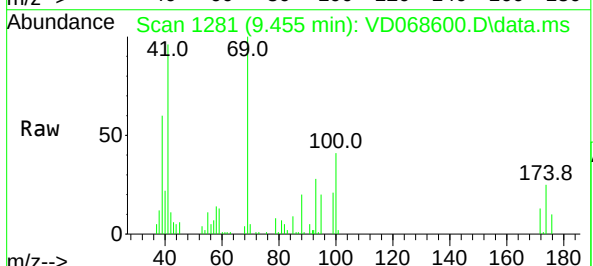
Tgt Ion: 83 Resp: 98094
Ion Ratio Lower Upper
83 100
85 69.7 51.6 77.4
127 7.9 7.4 11.0

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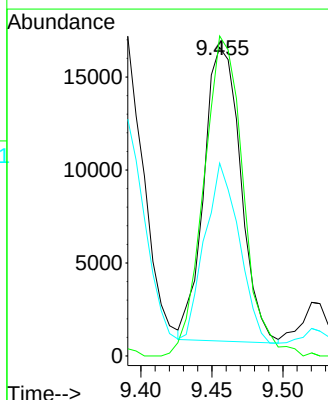
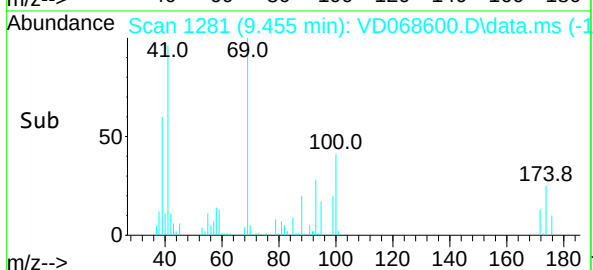
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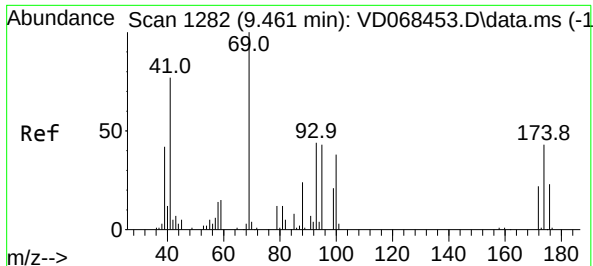


#48
Methyl methacrylate
Concen: 18.17 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion: 41 Resp: 28487
Ion Ratio Lower Upper
41 100
69 116.6 77.1 115.7#
39 58.2 41.5 62.3





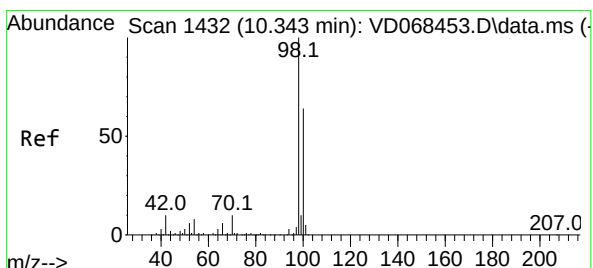
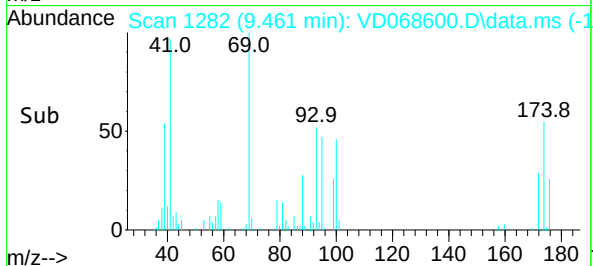
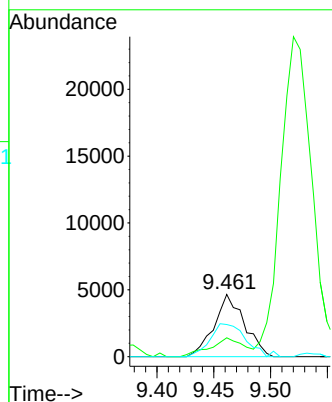
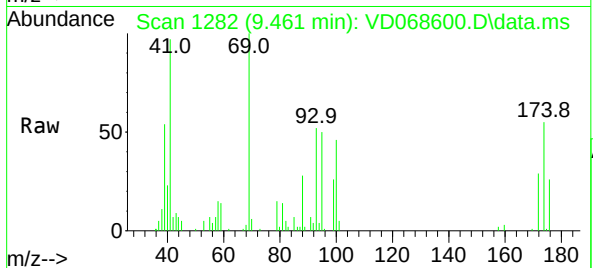
#49
1,4-Dioxane
Concen: 419.87 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 88 Resp: 8617
Ion Ratio Lower Upper
88 100
43 33.8 22.1 33.1#
58 62.4 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

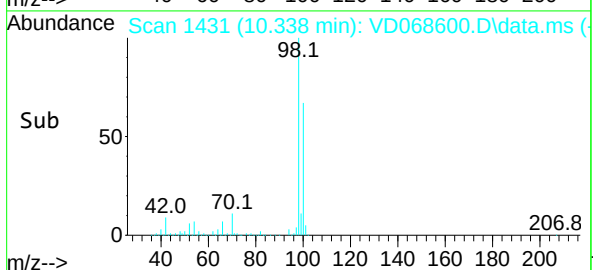
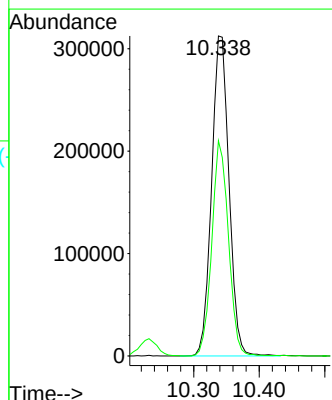
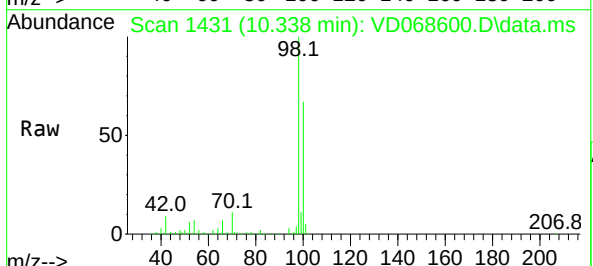
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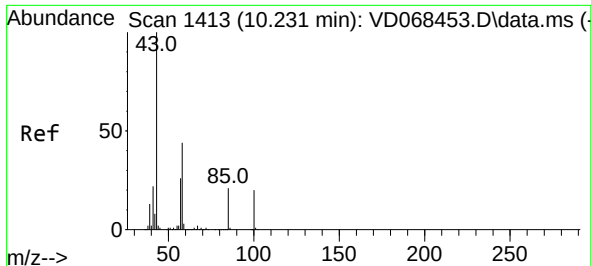
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#50
Toluene-d8
Concen: 47.20 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 98 Resp: 574754
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4





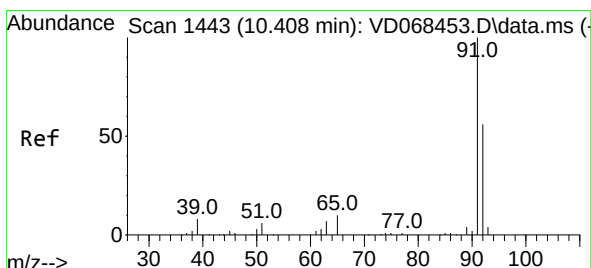
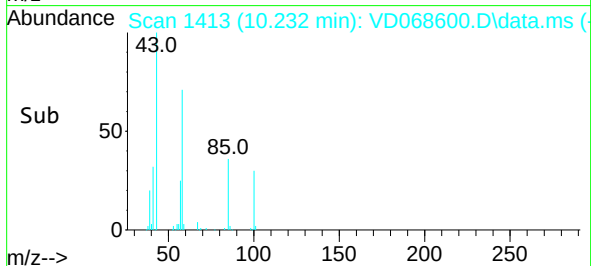
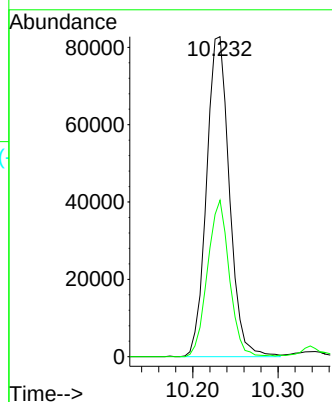
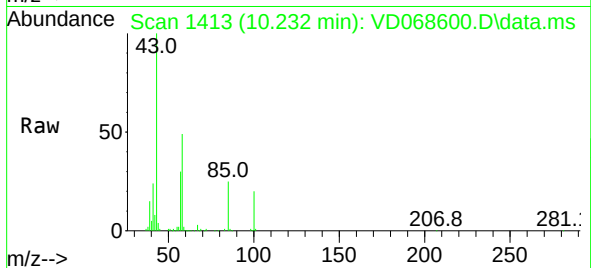
#51
4-Methyl-2-Pentanone
Concen: 100.29 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 43 Resp: 154379
Ion Ratio Lower Upper
43 100
58 46.7 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

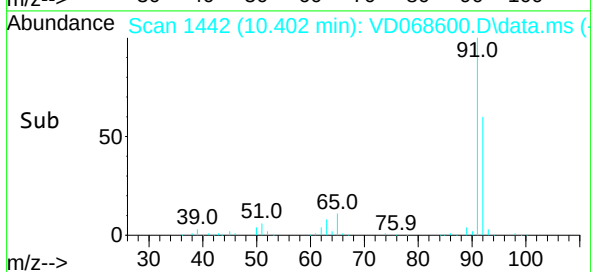
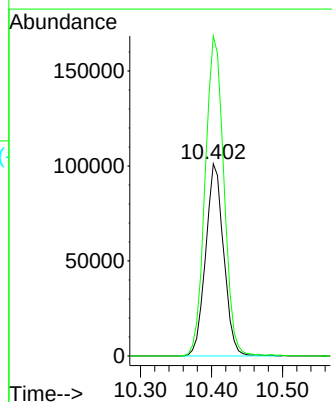
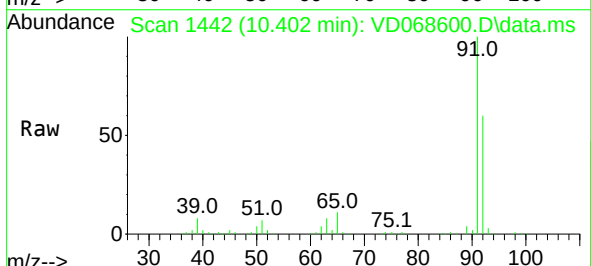
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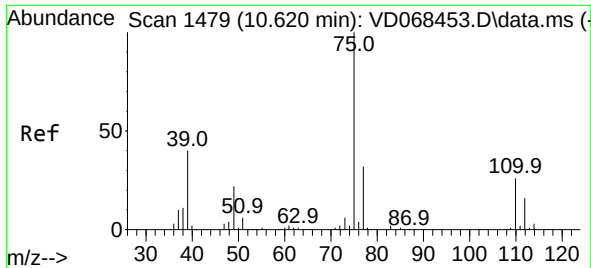
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#52
Toluene
Concen: 20.24 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 92 Resp: 178879
Ion Ratio Lower Upper
92 100
91 172.7 134.1 201.1





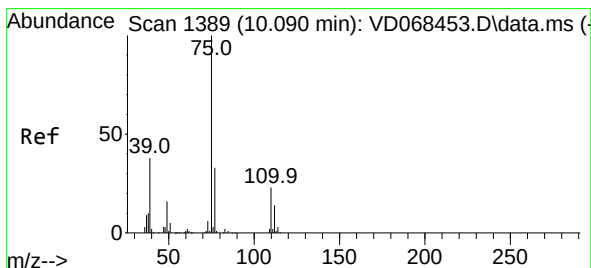
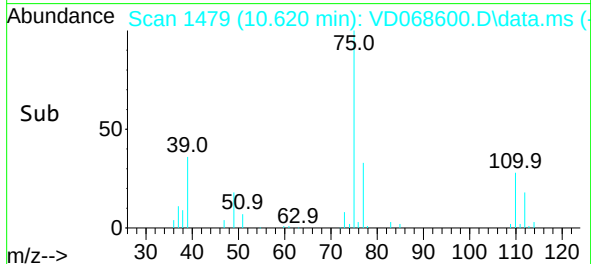
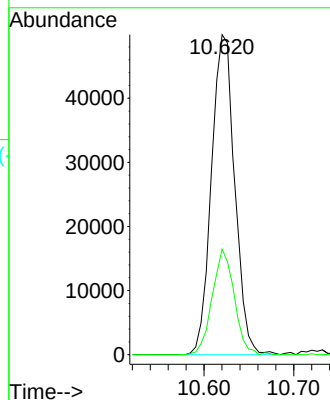
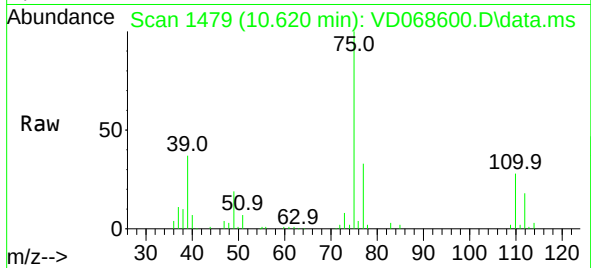
#53
t-1,3-Dichloropropene
Concen: 20.91 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 75 Resp: 89950
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

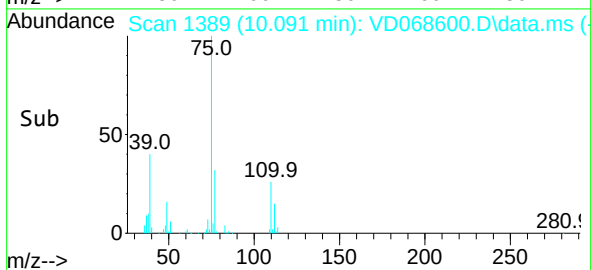
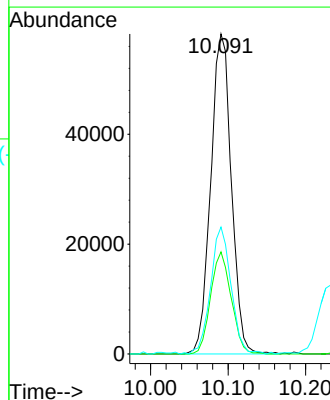
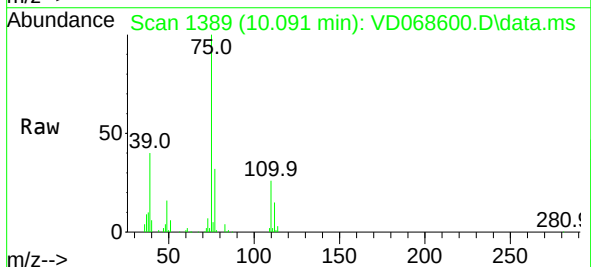
Manual Integrations
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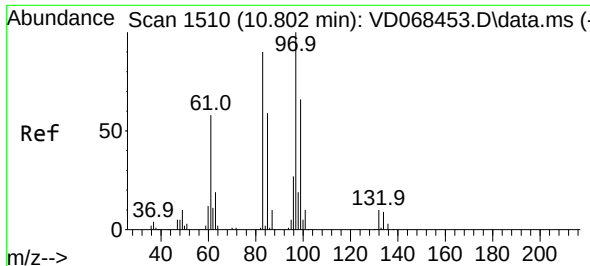
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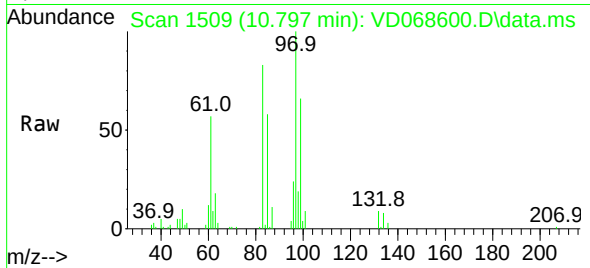
#54
cis-1,3-Dichloropropene
Concen: 20.53 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 75 Resp: 107744
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 39.6 31.4 47.0

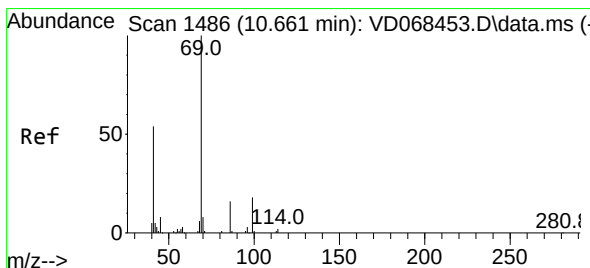
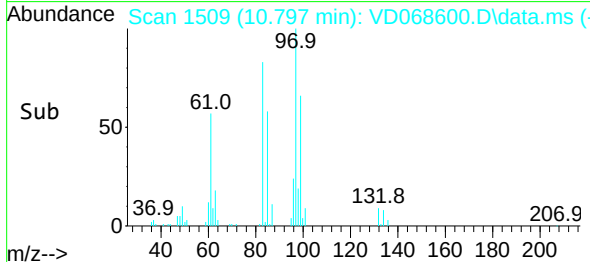
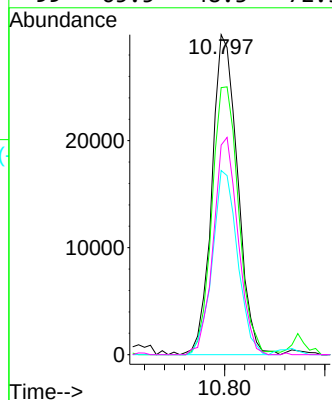




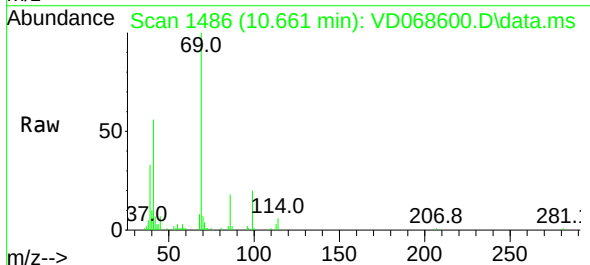
#55
1,1,2-Trichloroethane
Concen: 21.35 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



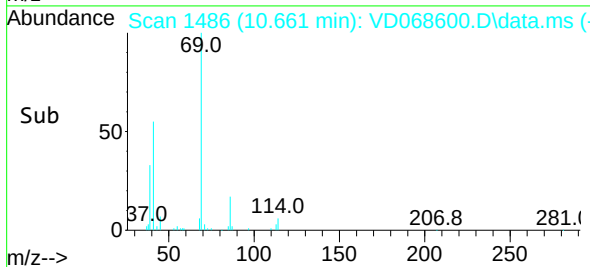
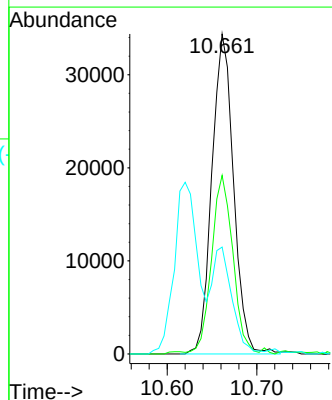
Tgt Ion:	97	Resp:	53168
Ion	Ratio	Lower	Upper
97	100		
83	83.5	61.8	92.6
85	57.5	42.2	63.2
99	65.5	48.3	72.5



#56
Ethyl methacrylate
Concen: 20.18 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



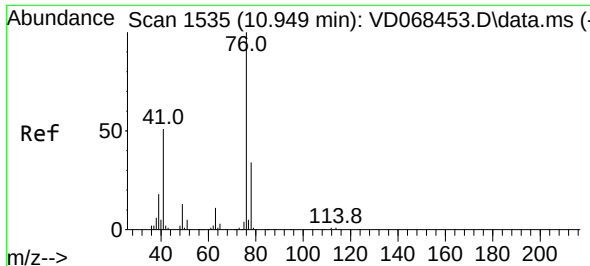
Tgt Ion:	69	Resp:	57781
Ion	Ratio	Lower	Upper
69	100		
41	53.7	44.9	67.3
39	29.5	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
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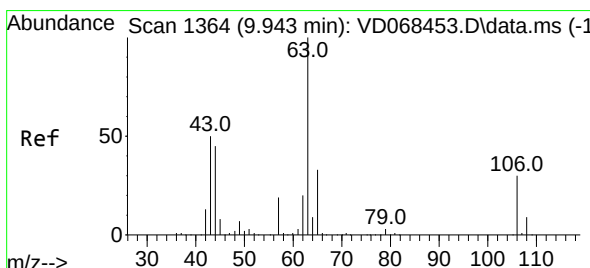
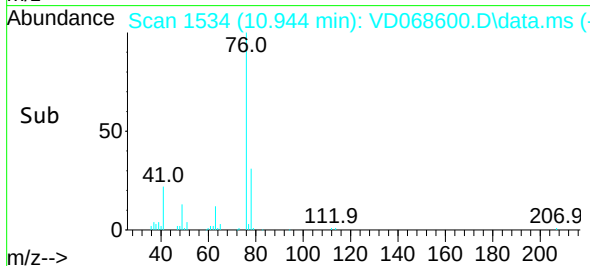
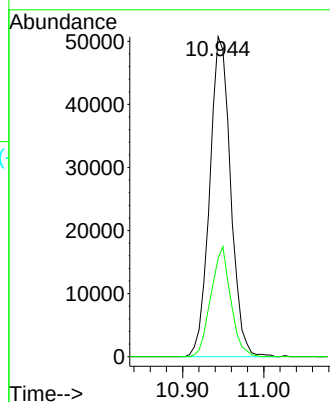
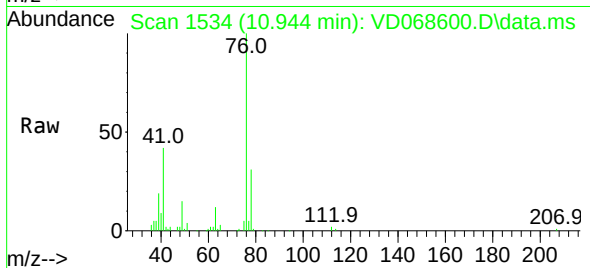
#57
1,3-Dichloropropane
Concen: 20.92 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 76 Resp: 90928
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

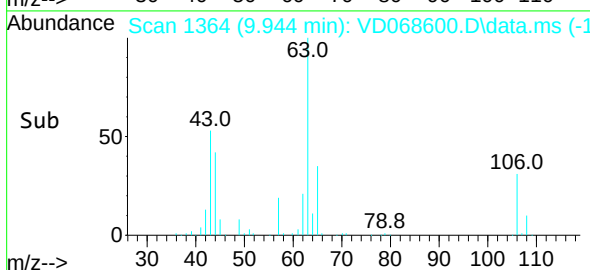
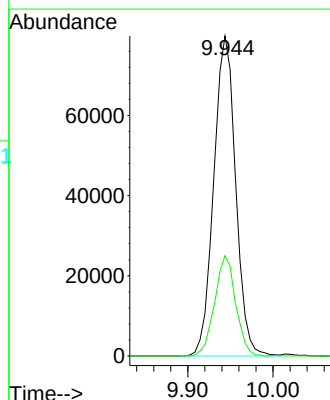
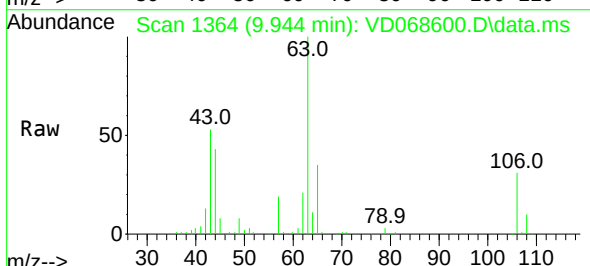
Manual Integrations
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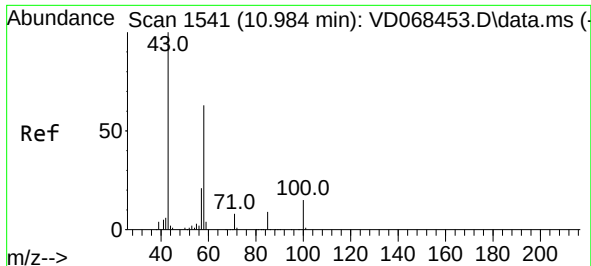
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#58
2-Chloroethyl Vinyl ether
Concen: 99.18 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 63 Resp: 142439
Ion Ratio Lower Upper
63 100
106 30.0 27.0 40.4





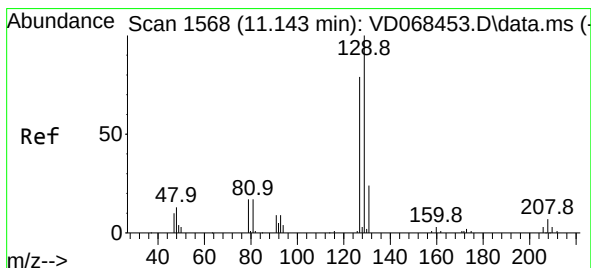
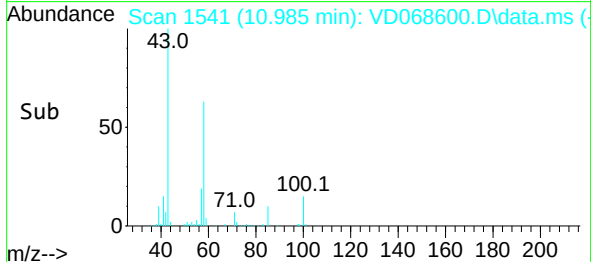
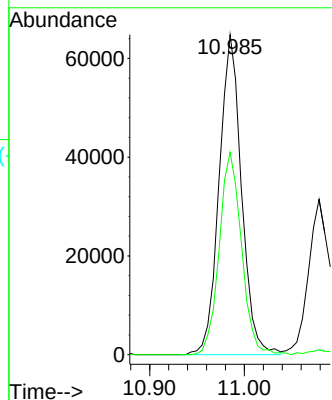
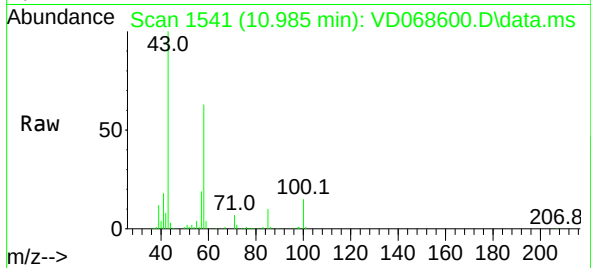
#59
2-Hexanone
Concen: 103.64 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 43 Resp: 106334
Ion Ratio Lower Upper
43 100
58 63.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

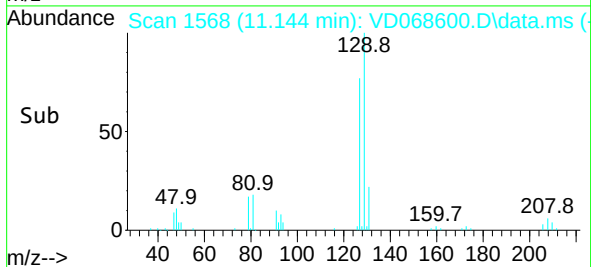
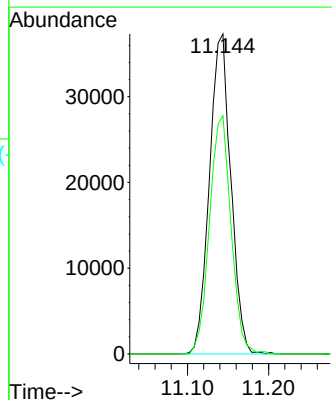
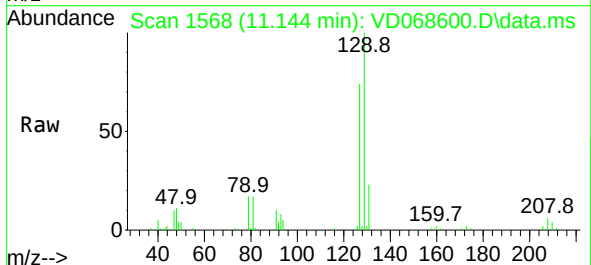
Manual Integrations
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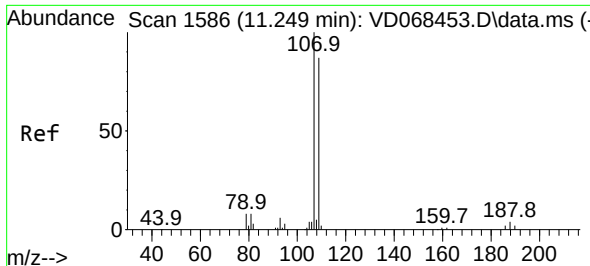
MMDadoda
3/15/2021 12:39:48 PM



#60
Dibromochloromethane
Concen: 22.19 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

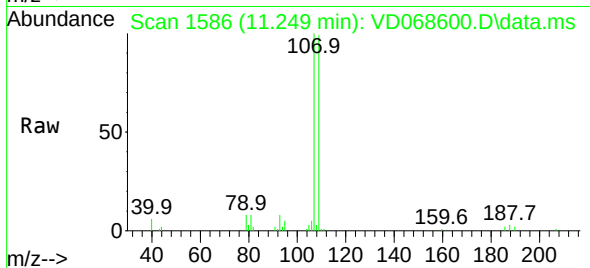
Tgt Ion: 129 Resp: 68419
Ion Ratio Lower Upper
129 100
127 74.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.55 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

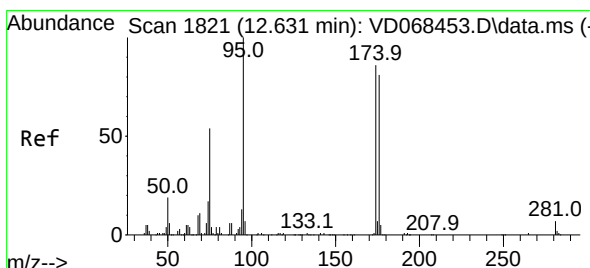
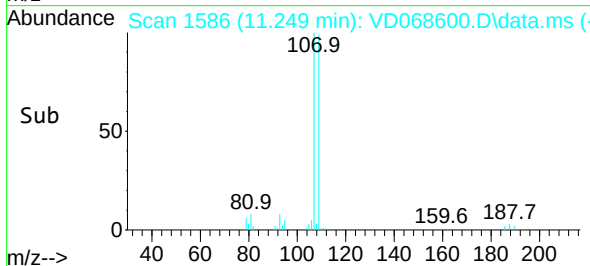
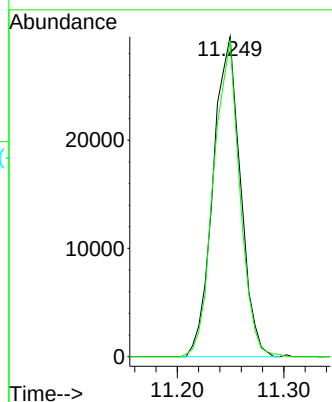
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



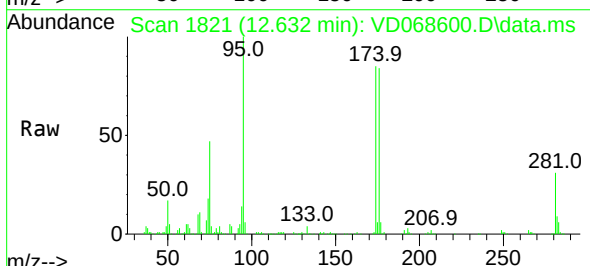
Tgt Ion:107 Resp: 52531
Ion Ratio Lower Upper
107 100
109 94.8 74.8 112.2

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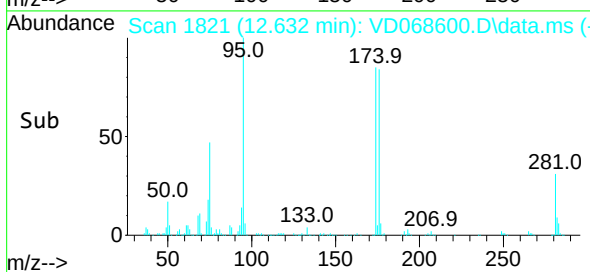
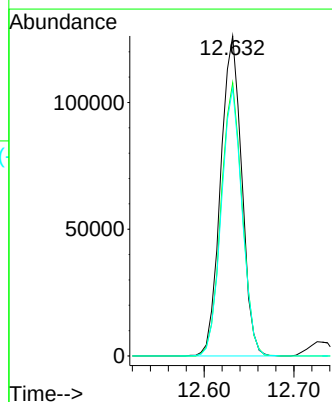
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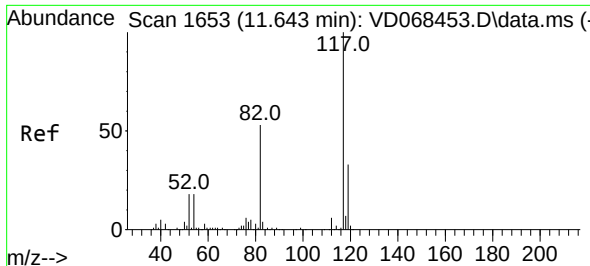


#62
4-Bromofluorobenzene
Concen: 52.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



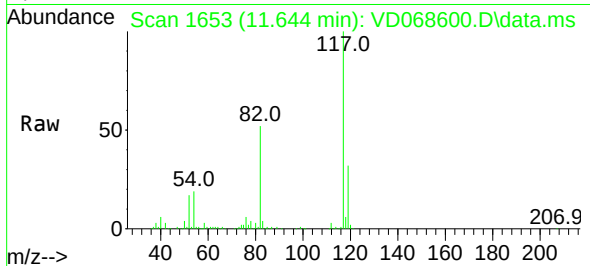
Tgt Ion: 95 Resp: 206152
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.4
176 82.4 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

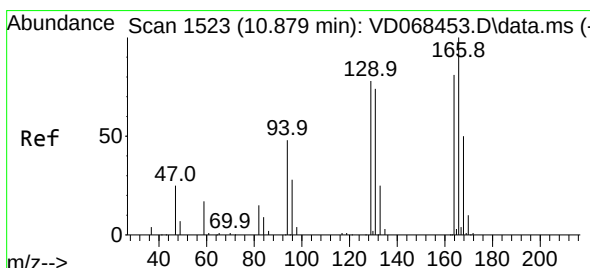
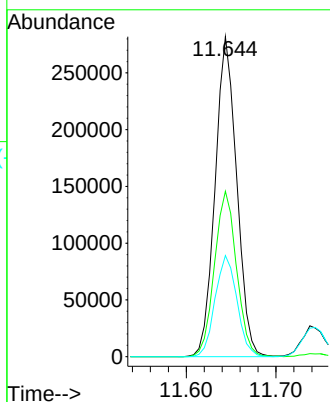
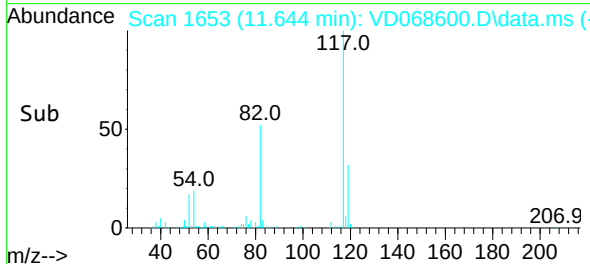
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



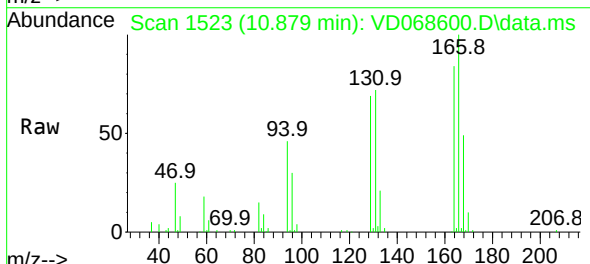
Tgt Ion:117 Resp: 471088
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 31.6 26.1 39.1

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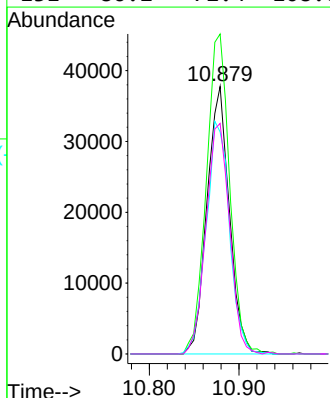
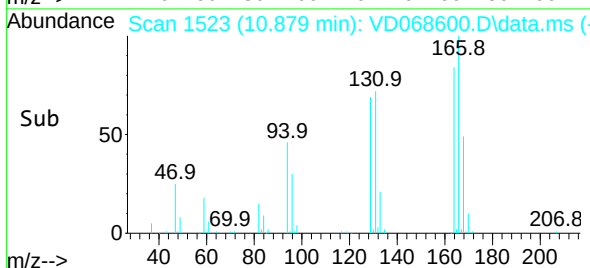
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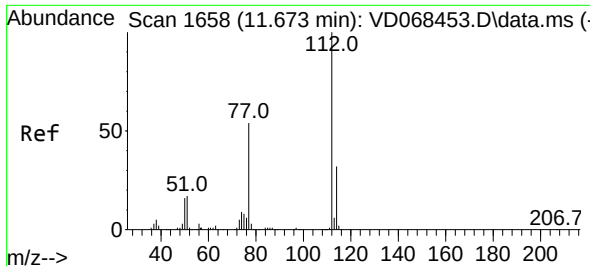


#64
Tetrachloroethene
Concen: 21.27 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



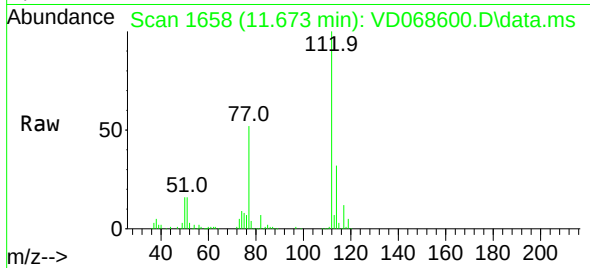
Tgt Ion:164 Resp: 65425
Ion Ratio Lower Upper
164 100
166 119.6 105.5 158.3
129 83.0 75.6 113.4
131 86.2 72.4 108.6





#65
Chlorobenzene
Concen: 20.64 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

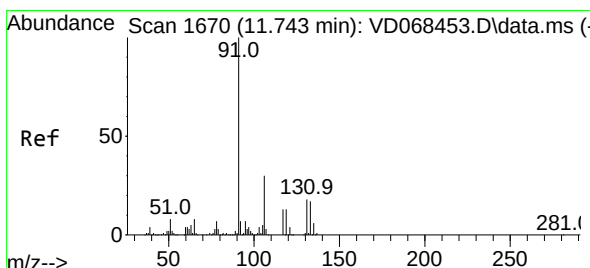
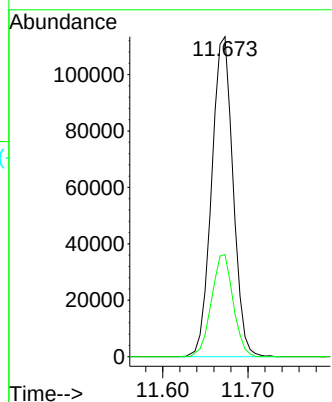
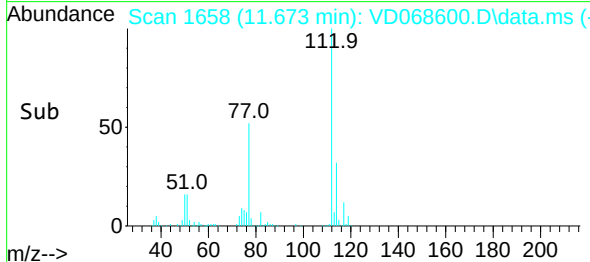
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



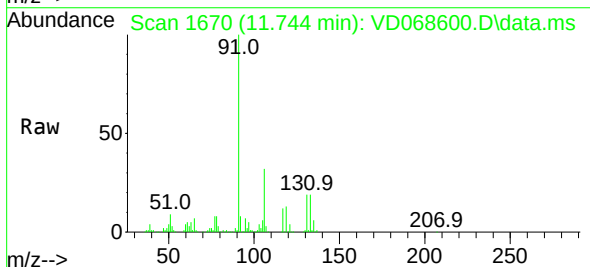
Tgt Ion:112 Resp: 198014
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

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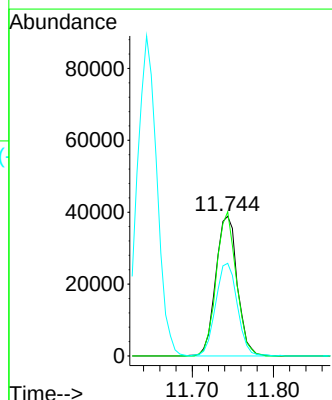
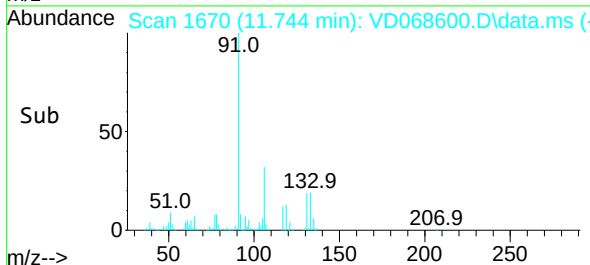
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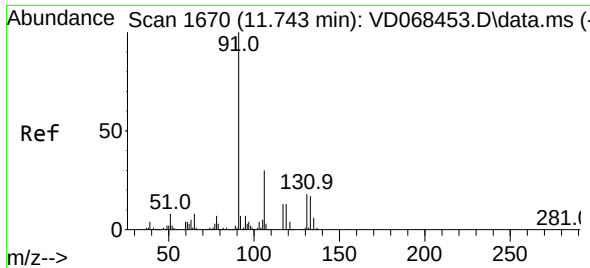


#66
1,1,1,2-Tetrachloroethane
Concen: 21.54 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion:131 Resp: 71837
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 66.8 31.6 94.8





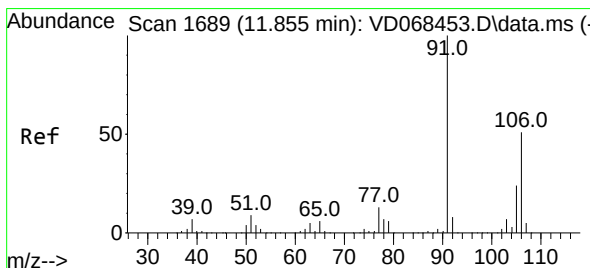
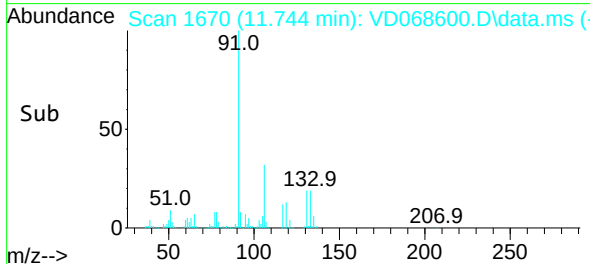
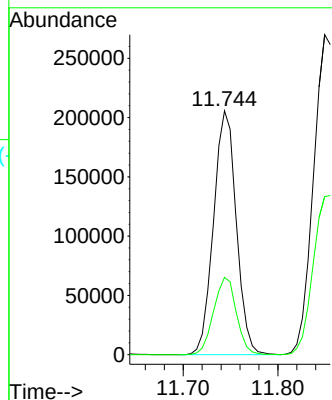
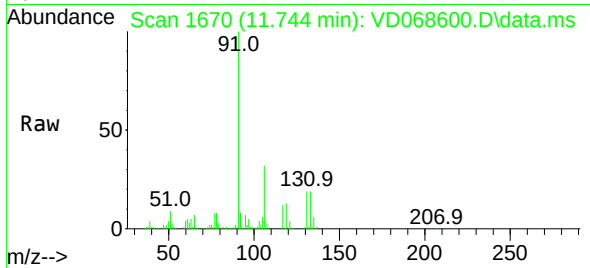
#67
Ethyl Benzene
Concen: 20.05 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 91 Resp: 343387
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

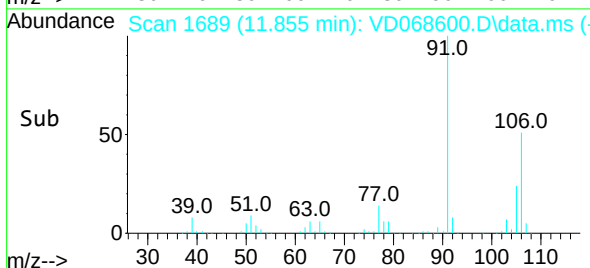
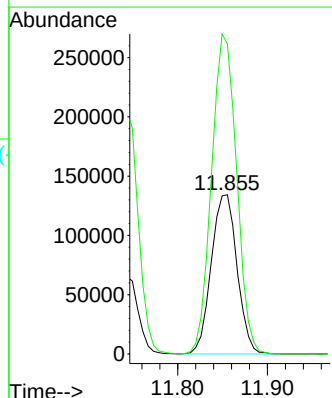
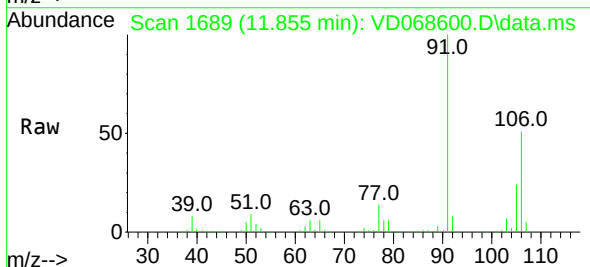
Manual Integrations
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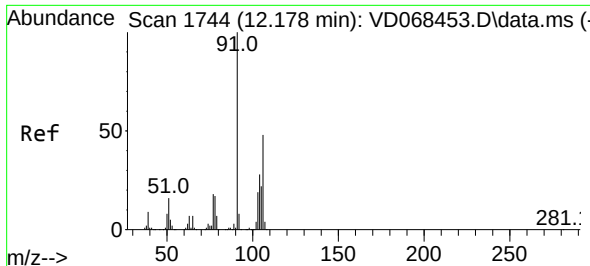
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#68
m/p-Xylenes
Concen: 41.13 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 106 Resp: 267491
Ion Ratio Lower Upper
106 100
91 195.9 159.1 238.7





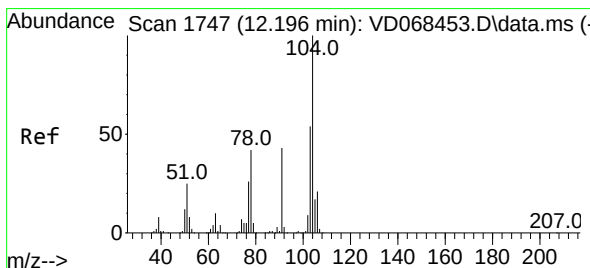
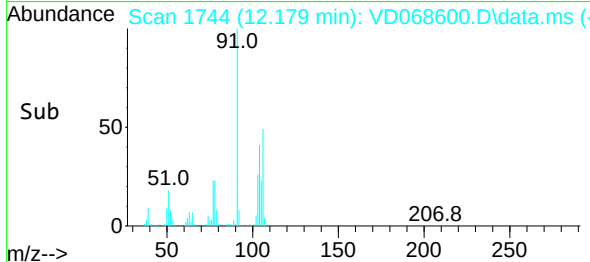
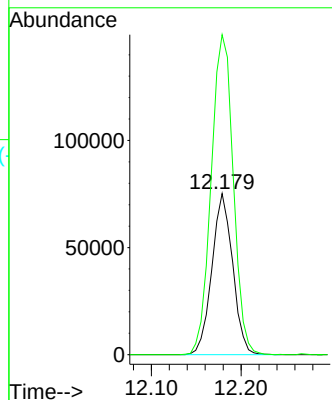
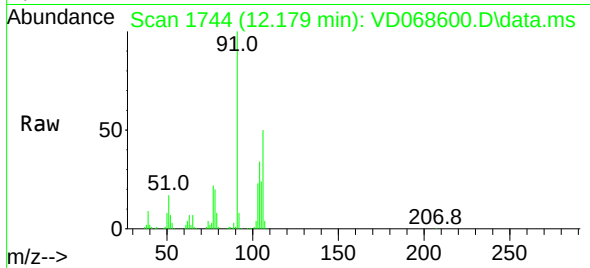
#69
o-Xylene
Concen: 20.17 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion:106 Resp: 120788
Ion Ratio Lower Upper
106 100
91 211.3 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

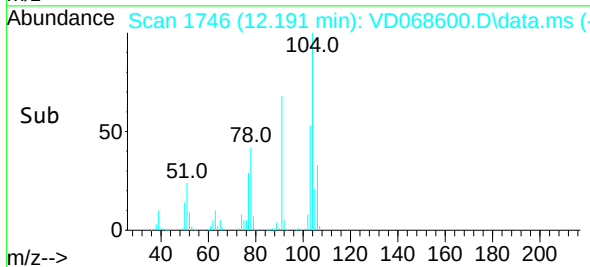
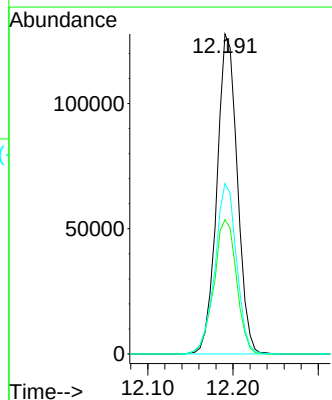
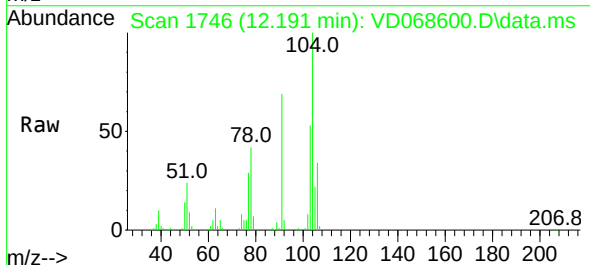
Manual Integrations
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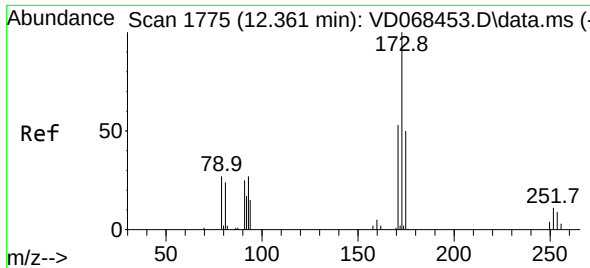
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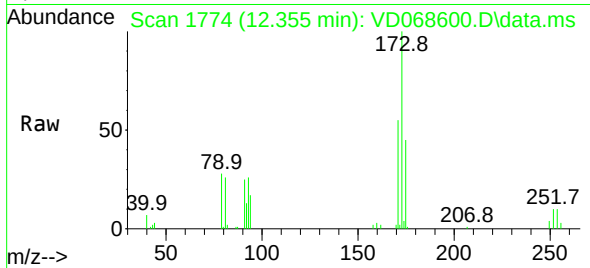
#70
Styrene
Concen: 20.81 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion:104 Resp: 213197
Ion Ratio Lower Upper
104 100
78 46.4 38.2 57.2
103 56.3 43.1 64.7

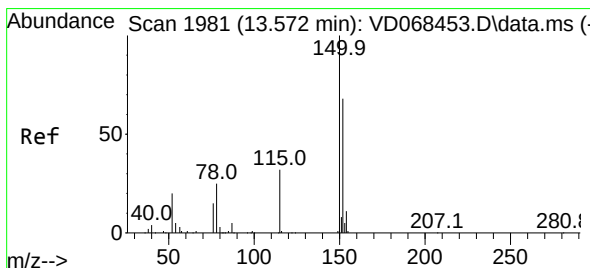
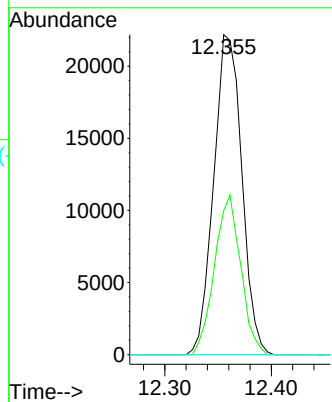
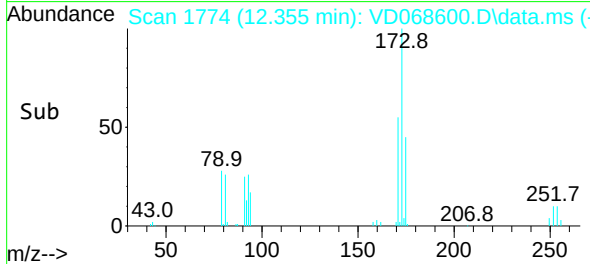




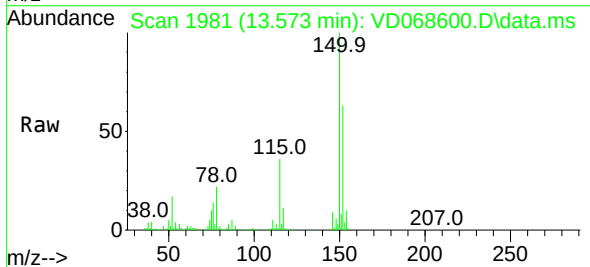
#71
Bromoform
Concen: 23.99 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



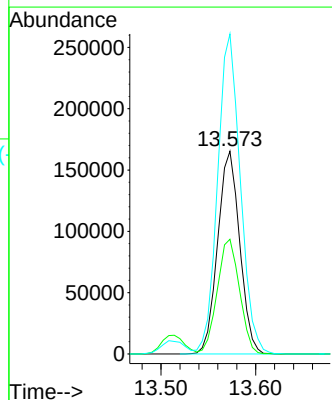
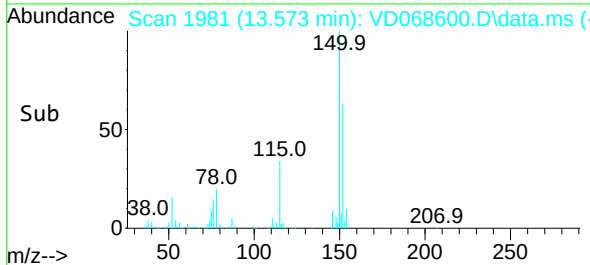
Tgt Ion:173 Resp: 40645
Ion Ratio Lower Upper
173 100
175 46.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



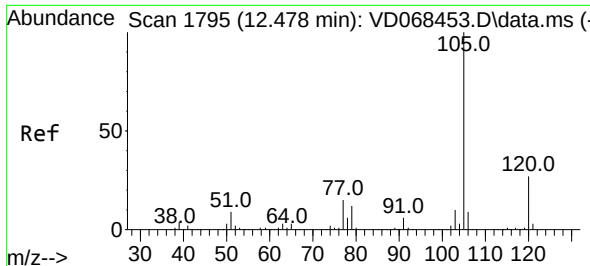
Tgt Ion:152 Resp: 267523
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 163.0 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

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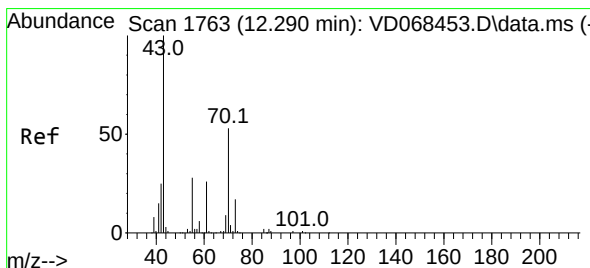
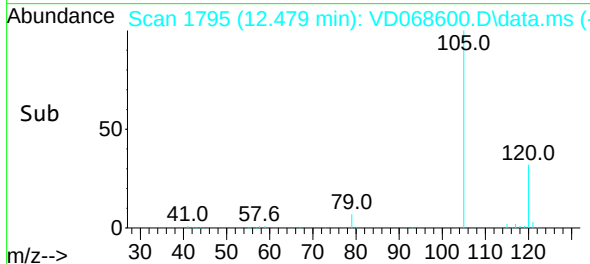
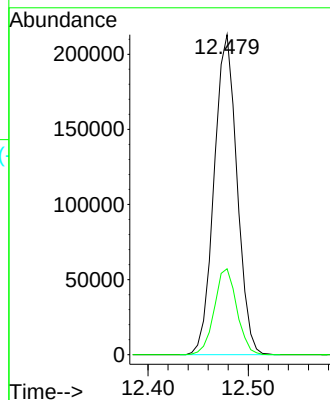
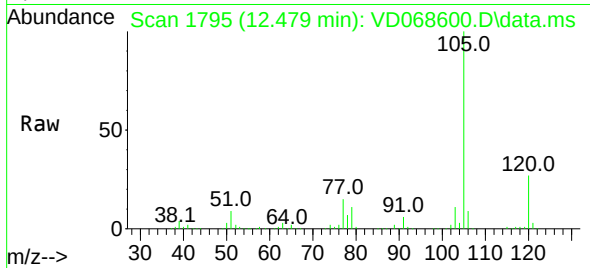
#73
Isopropylbenzene
Concen: 16.97 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 105 Resp: 336680
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

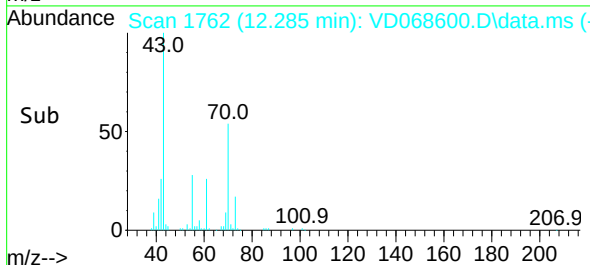
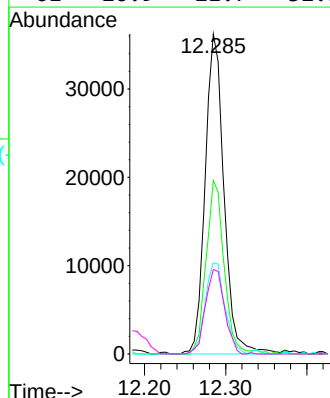
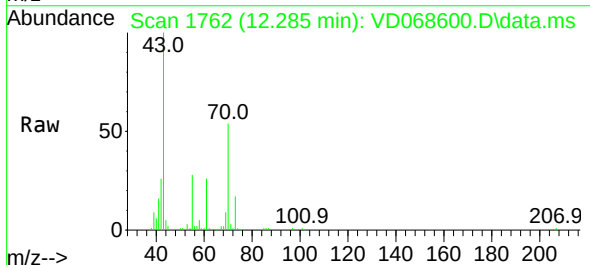
Manual Integrations
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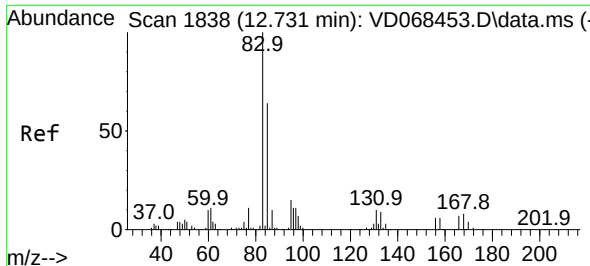
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#74
N-ethyl acetate
Concen: 17.27 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 43 Resp: 58374
Ion Ratio Lower Upper
43 100
70 51.8 41.8 62.8
55 29.7 24.2 36.4
61 26.9 21.7 32.5





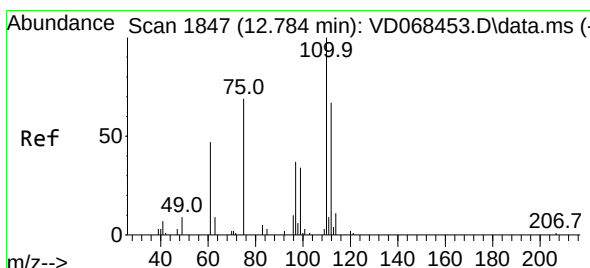
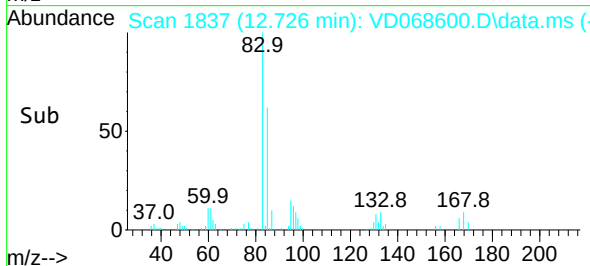
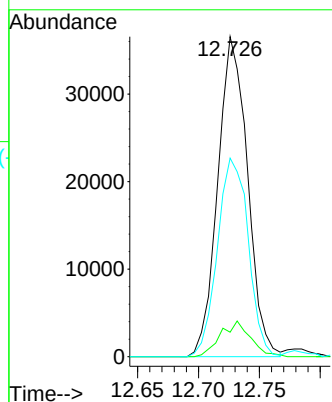
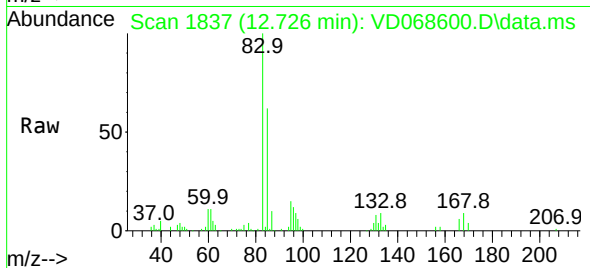
#75
1,1,2,2-Tetrachloroethane
Concen: 18.20 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 83 Resp: 62112
Ion Ratio Lower Upper
83 100
131 11.3 5.8 17.4
85 64.3 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

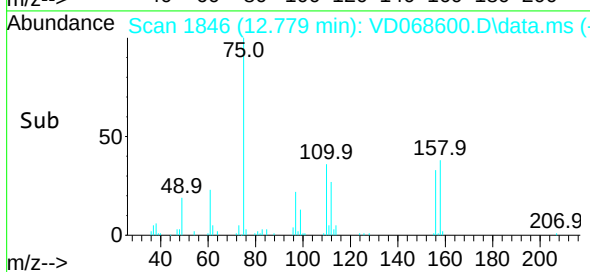
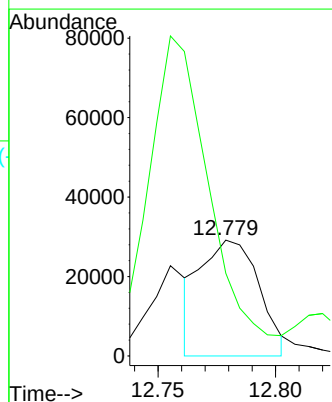
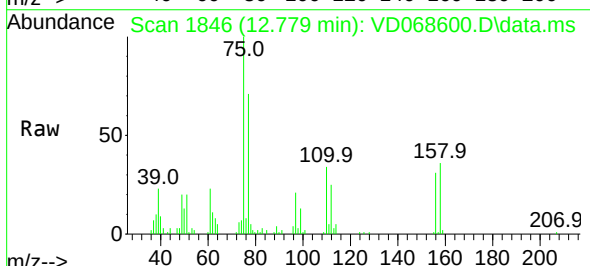
Manual Integrations
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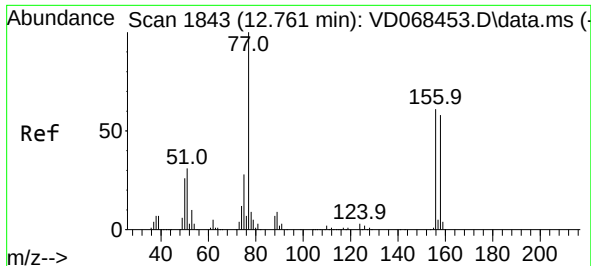
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#76
1,2,3-Trichloropropane
Concen: 21.17 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion: 75 Resp: 50275
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





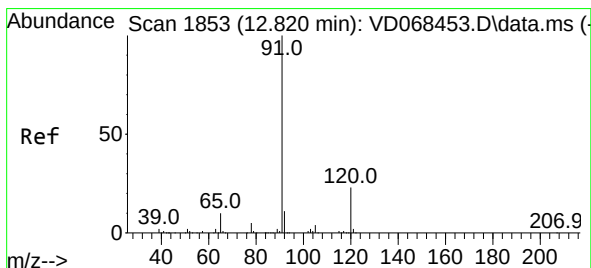
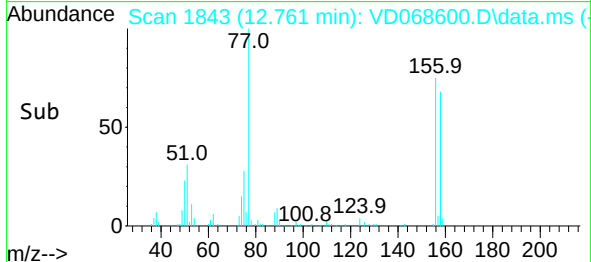
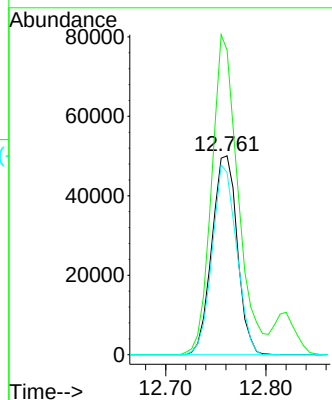
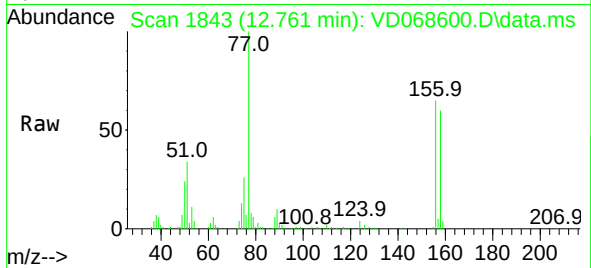
#77
Bromobenzene
Concen: 19.40 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion	Ratio	Lower	Upper
156	100		
77	168.5	82.8	248.3
158	92.2	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

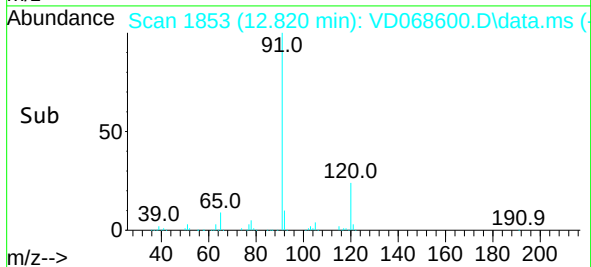
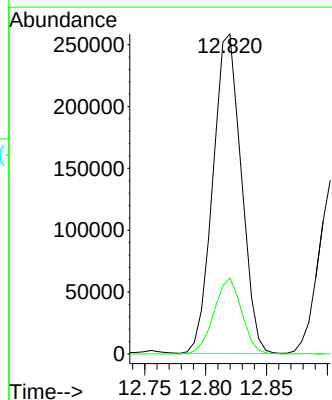
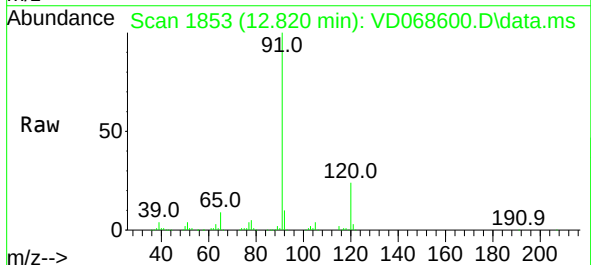
Manual Integrations
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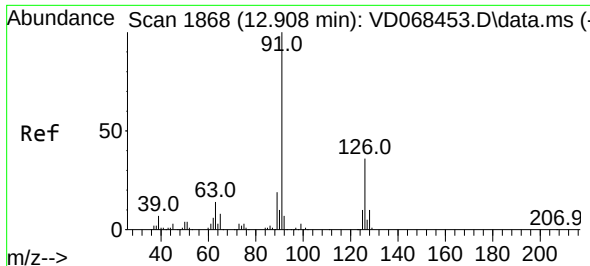
MMDadoda
3/15/2021 12:39:48 PM



#78
n-propylbenzene
Concen: 17.66 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

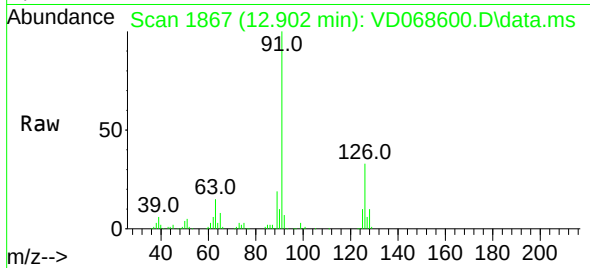
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.0	36.0





#79
2-Chlorotoluene
Concen: 17.83 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

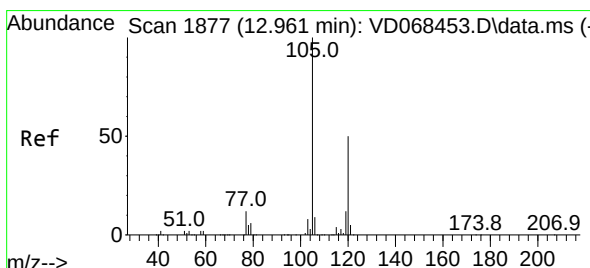
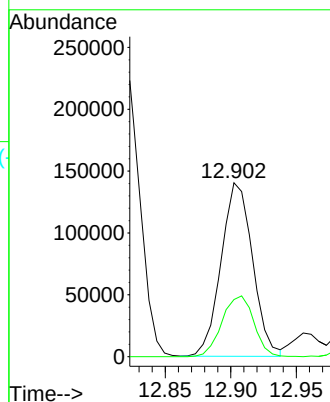
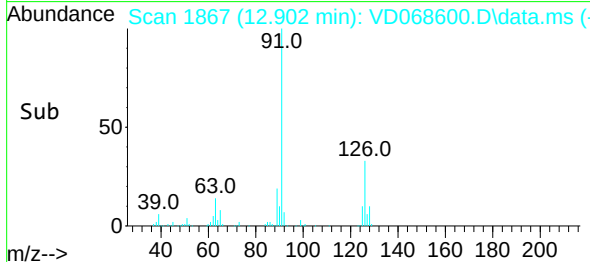
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



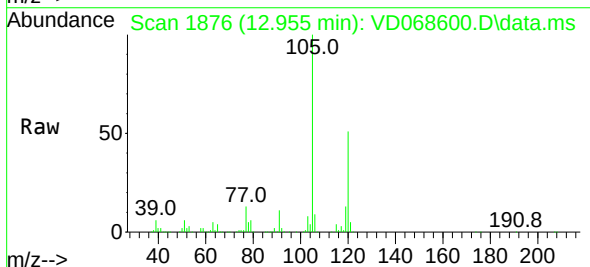
Tgt Ion: 91 Resp: 234684
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5

Manual Integrations
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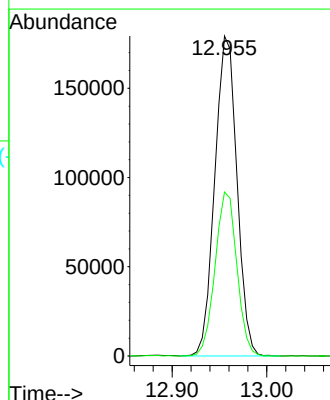
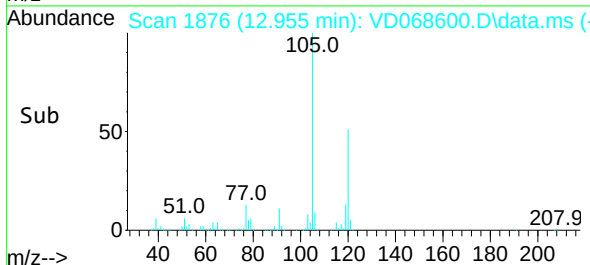
MMDadoda
3/15/2021 12:39:48 PM

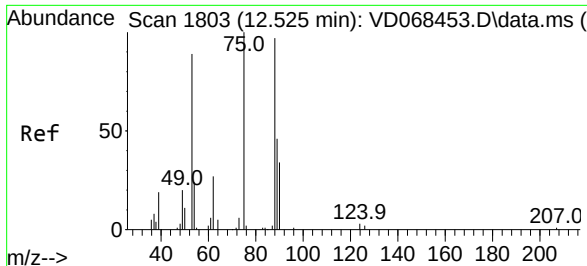


#80
1,3,5-Trimethylbenzene
Concen: 17.91 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



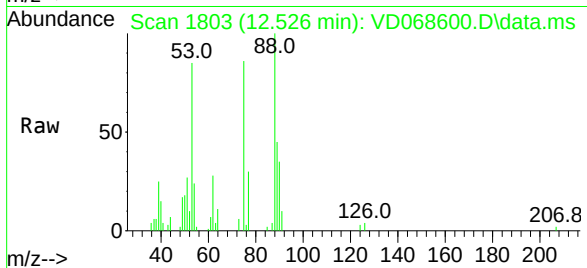
Tgt Ion: 105 Resp: 291267
Ion Ratio Lower Upper
105 100
120 50.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.80 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

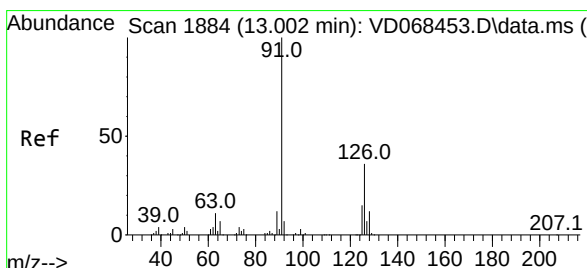
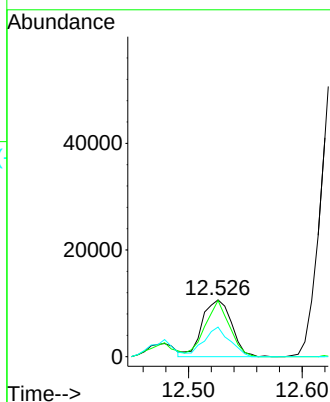
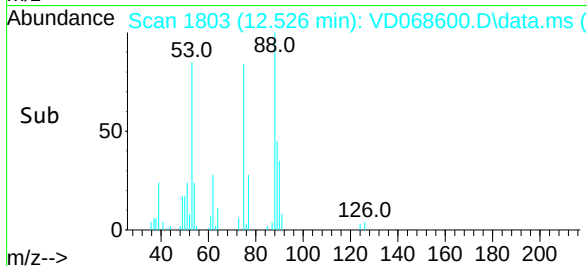
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



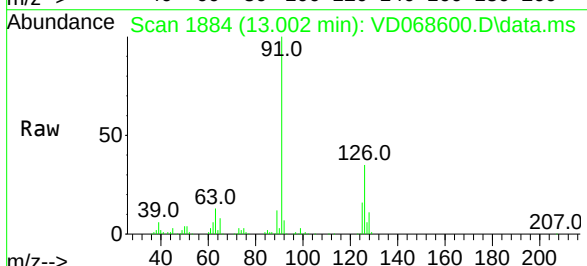
Tgt Ion: 75 Resp: 19134
Ion Ratio Lower Upper
75 100
53 82.0 70.2 105.2
89 45.8 40.3 60.5

Manual Integrations
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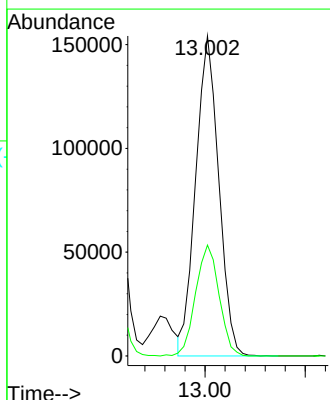
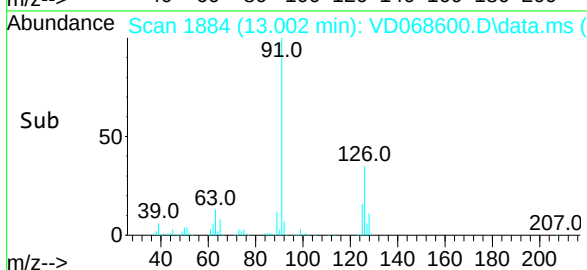
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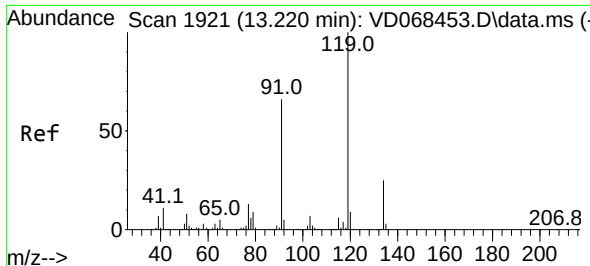


#82
4-Chlorotoluene
Concen: 17.78 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



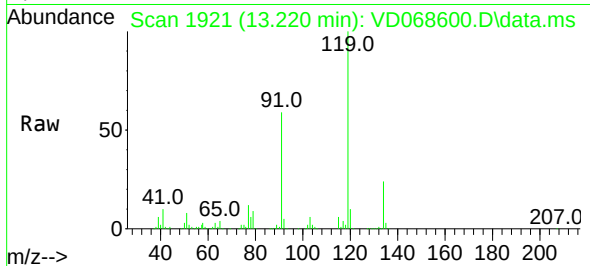
Tgt Ion: 91 Resp: 246109
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 17.75 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

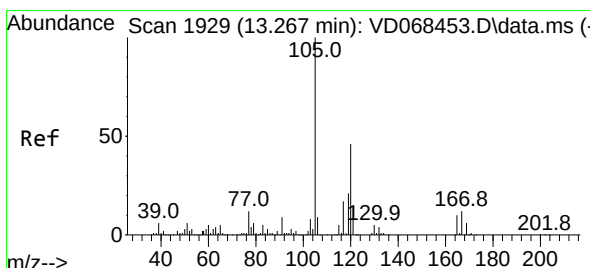
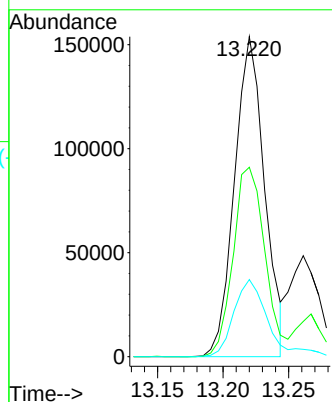
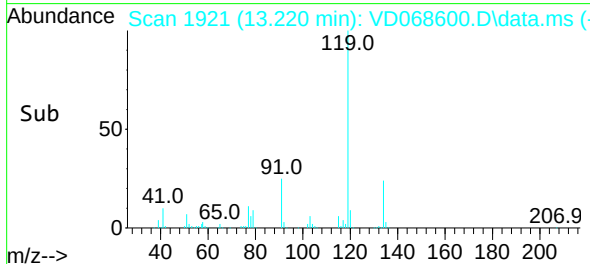
Instrument :
MSVOA_D
ClientSampleID :
VD0312SBSD01



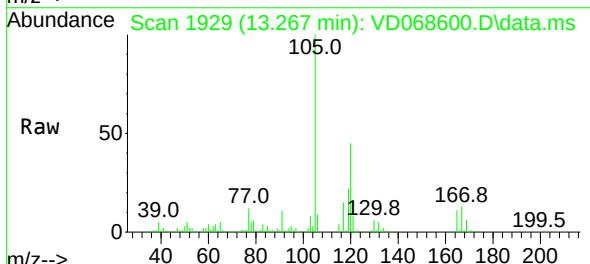
Tgt Ion:119 Resp: 245764
Ion Ratio Lower Upper
119 100
91 62.8 31.1 93.5
134 27.4 13.3 39.8

Manual Integrations
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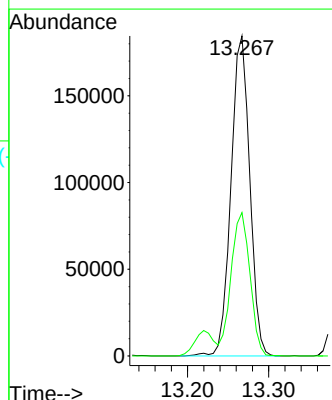
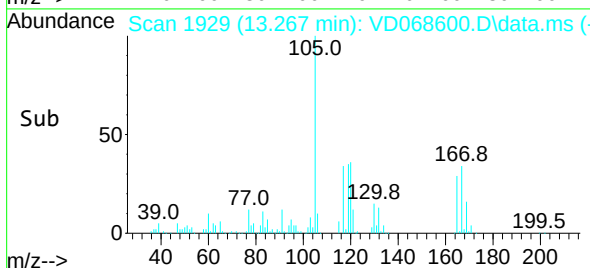
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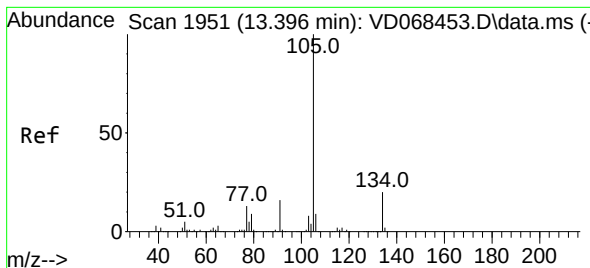


#84
1,2,4-Trimethylbenzene
Concen: 18.17 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



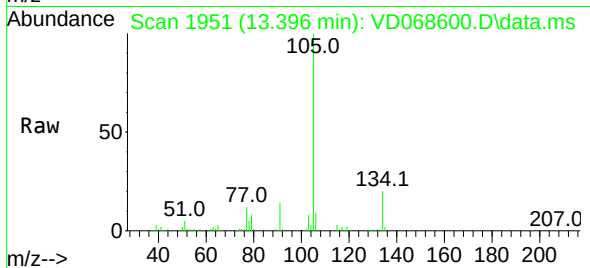
Tgt Ion:105 Resp: 295895
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.00 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068600.D
 Acq: 12 Mar 2021 12:08

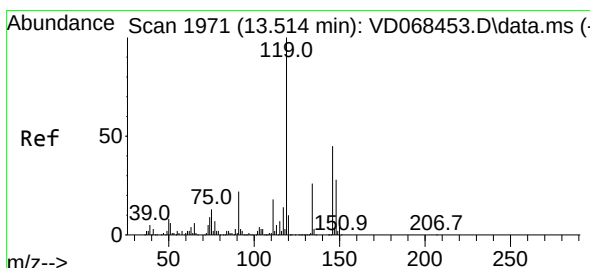
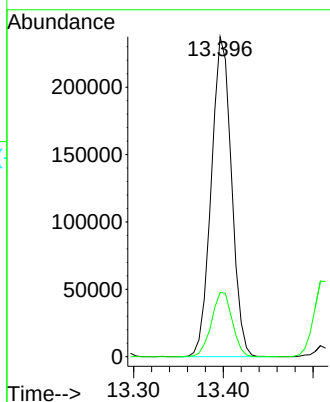
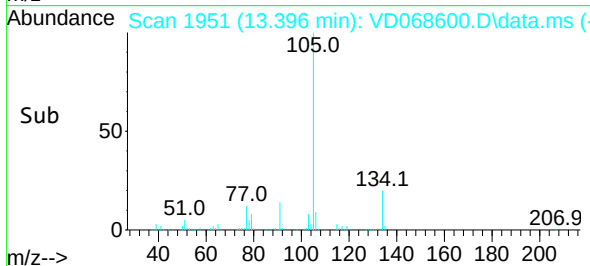
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01



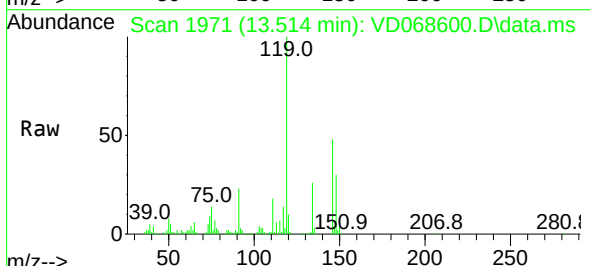
Tgt Ion:105 Resp: 371528
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

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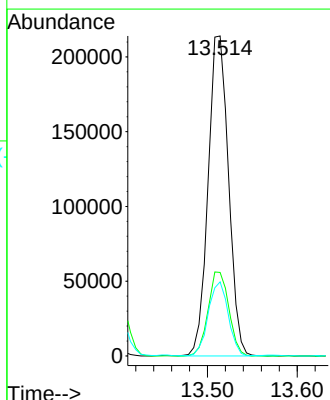
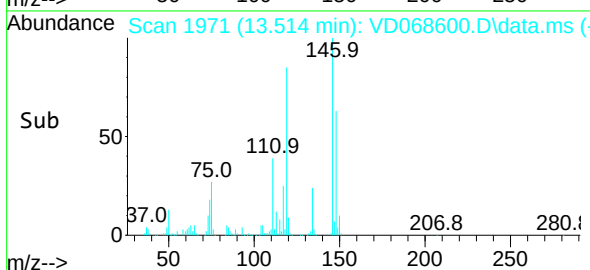
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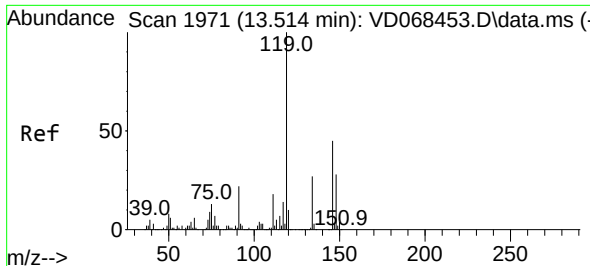


#86
 p-Isopropyltoluene
 Concen: 19.06 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068600.D
 Acq: 12 Mar 2021 12:08



Tgt Ion:119 Resp: 338457
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 22.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.15 ug/l

RT: 13.514 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

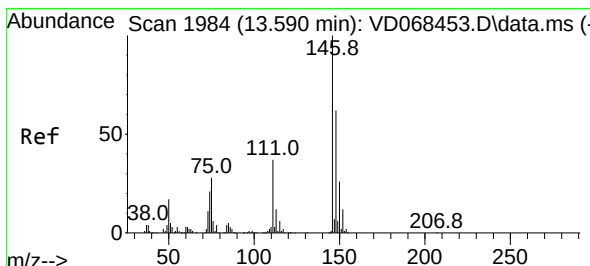
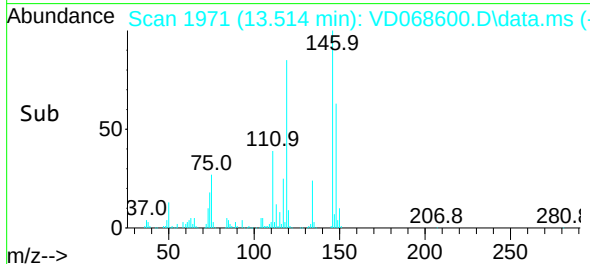
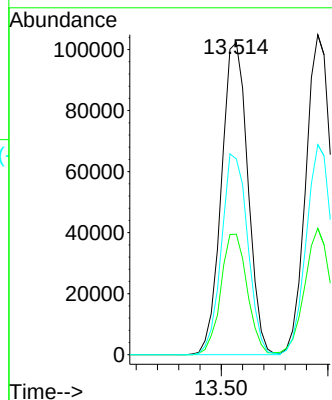
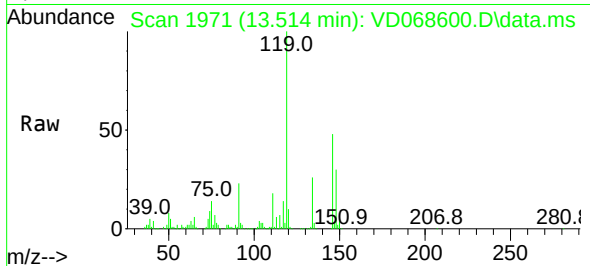
Tgt Ion:146 Resp: 176178

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.19 ug/l

RT: 13.591 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VD068600.D

Acq: 12 Mar 2021 12:08

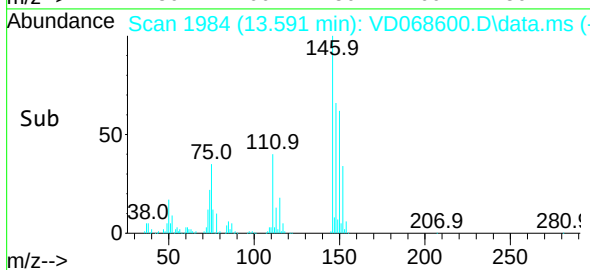
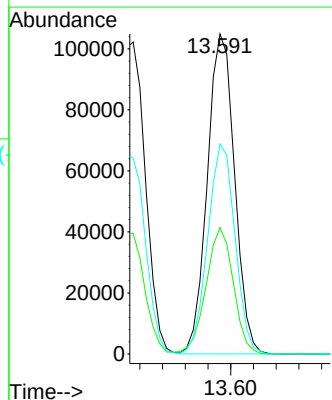
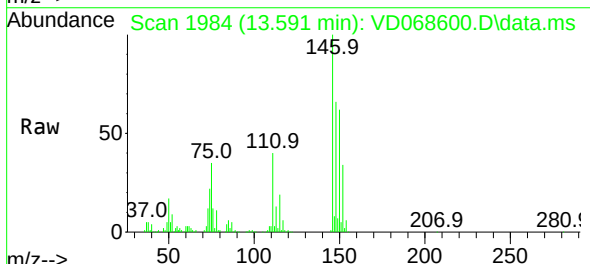
Tgt Ion:146 Resp: 174901

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

148 65.6 31.9 95.7



Instrument :

MSVOA_D

ClientSampleId :

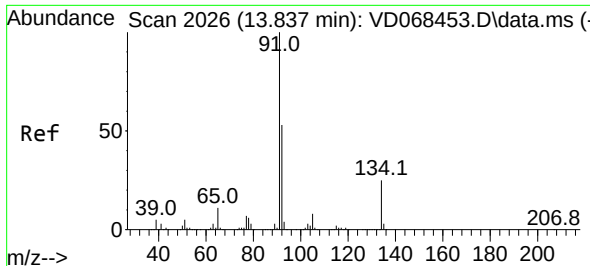
VD0312SBSD01

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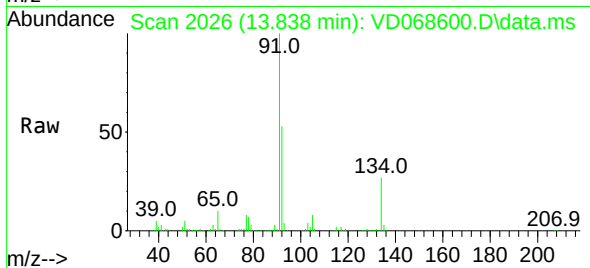
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#89
n-Butylbenzene
Concen: 18.80 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

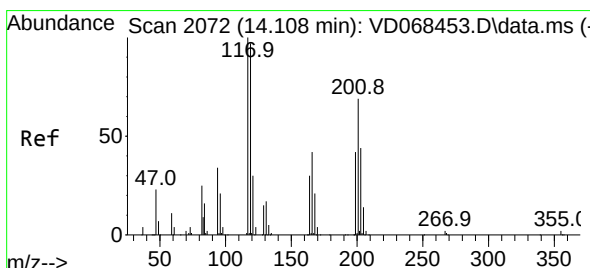
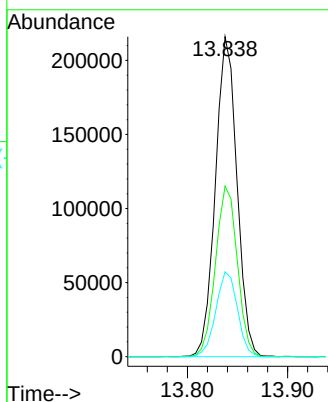
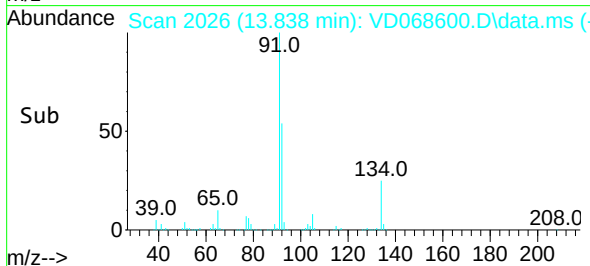
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



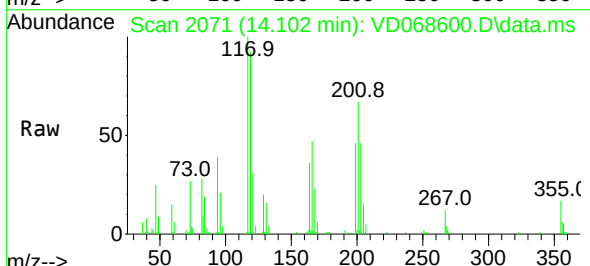
Tgt Ion: 91 Resp: 321939
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 26.6 13.9 41.7

Manual Integrations
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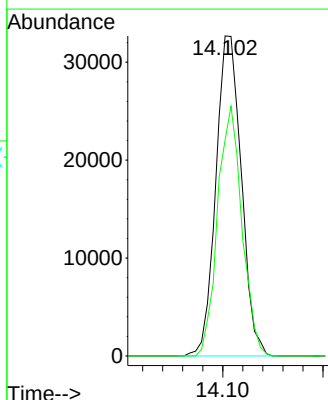
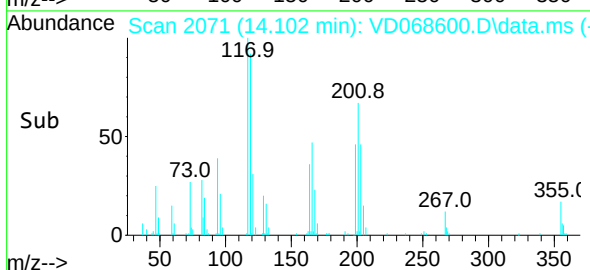
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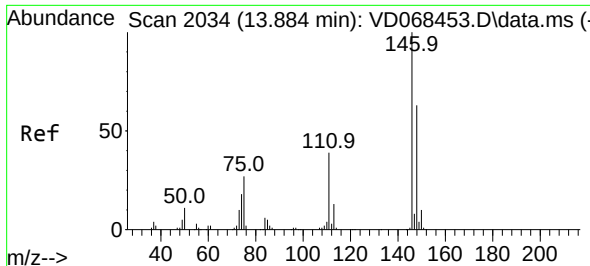


#90
Hexachloroethane
Concen: 16.34 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

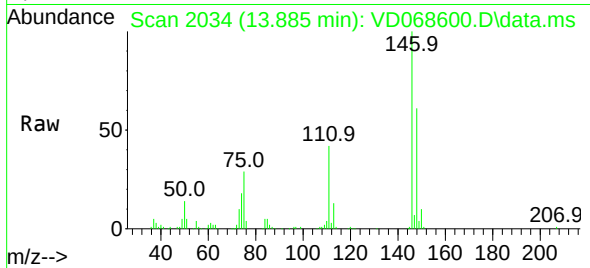


Tgt Ion: 117 Resp: 57662
Ion Ratio Lower Upper
117 100
201 74.4 39.5 118.5

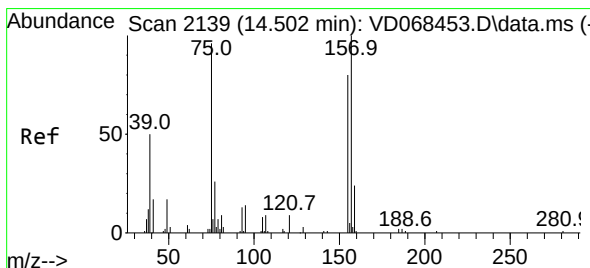
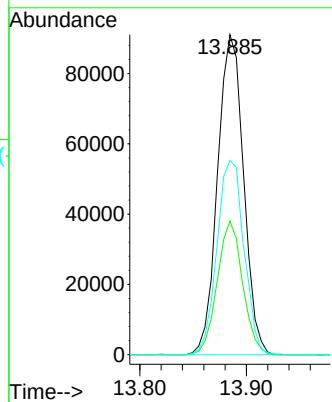
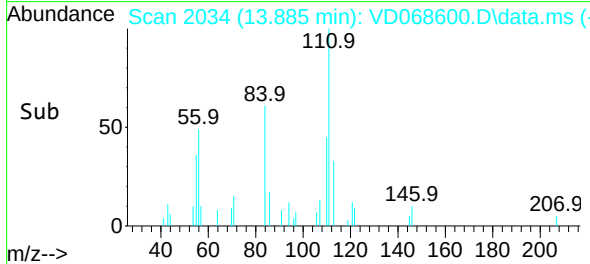




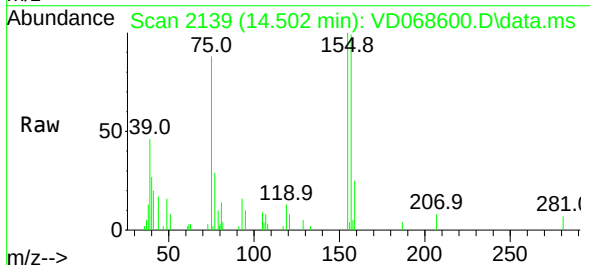
#91
1,2-Dichlorobenzene
Concen: 20.55 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



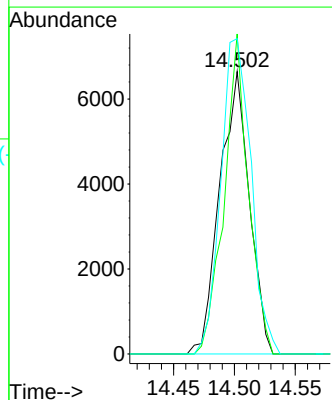
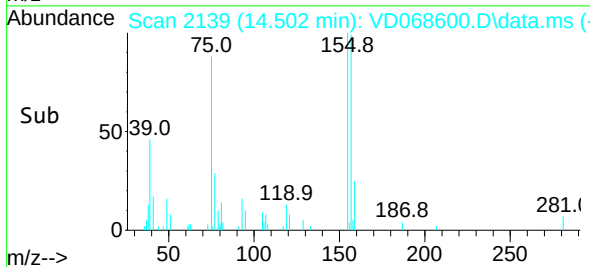
Tgt Ion:146 Resp: 154114
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.66 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



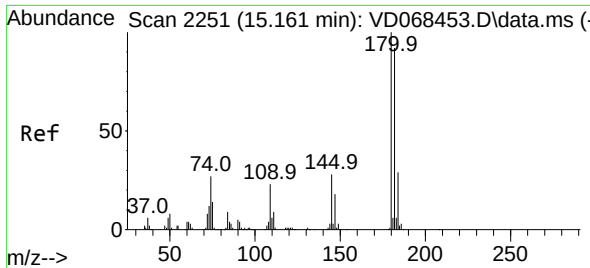
Tgt Ion: 75 Resp: 11230
Ion Ratio Lower Upper
75 100
155 92.8 48.0 144.2
157 114.1 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
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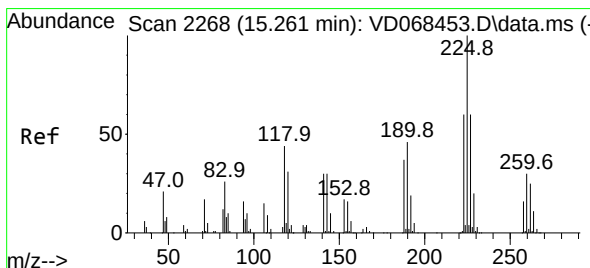
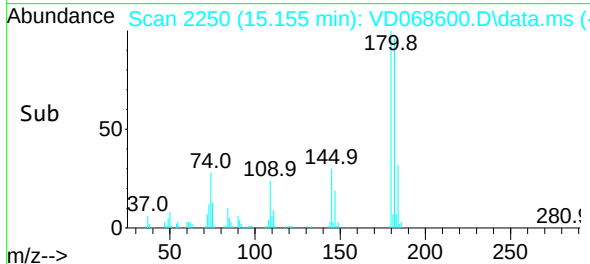
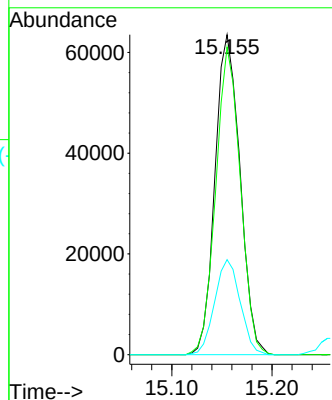
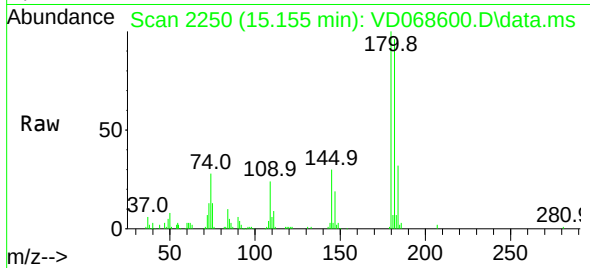
#93
1,2,4-Trichlorobenzene
Concen: 18.98 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion:180 Resp: 109949
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.4
145 30.3 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

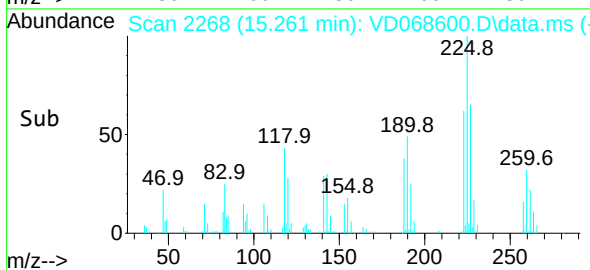
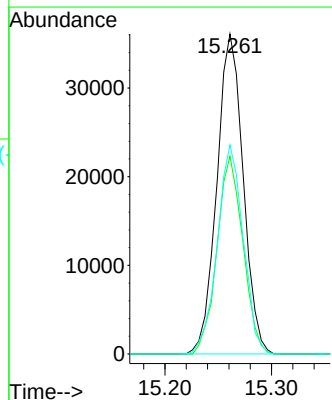
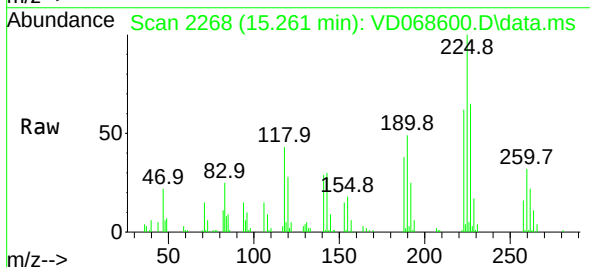
Manual Integrations
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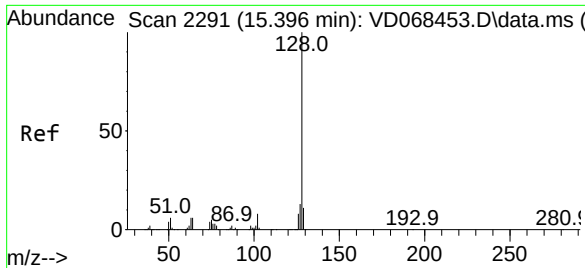
MMDadoda
3/15/2021 12:39:48 PM



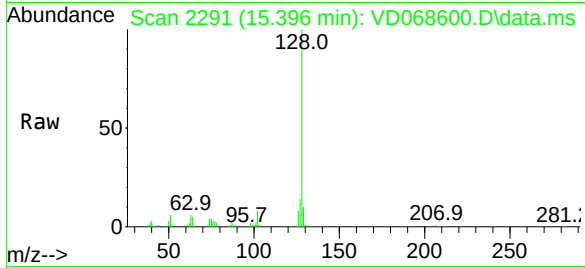
#94
Hexachlorobutadiene
Concen: 19.24 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08

Tgt Ion:225 Resp: 61858
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.5
227 64.2 32.1 96.5

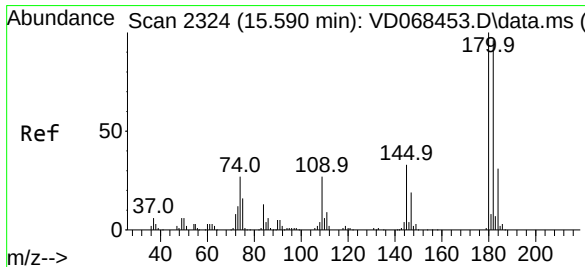
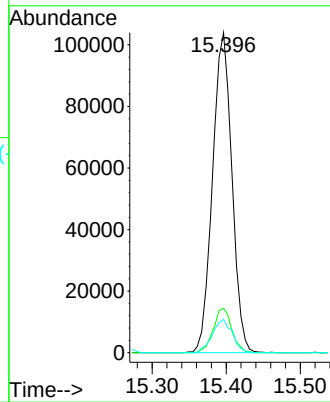
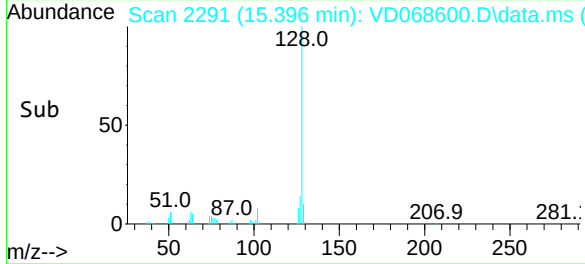




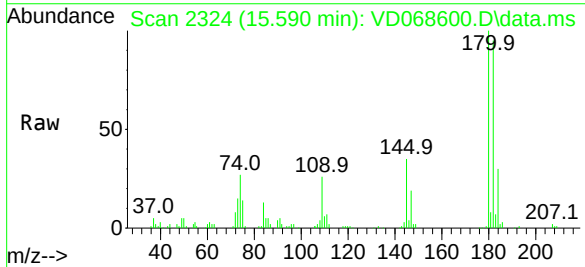
#95
Naphthalene
Concen: 17.97 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



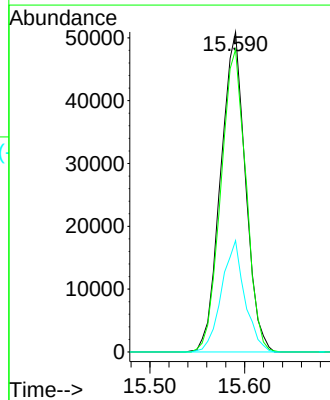
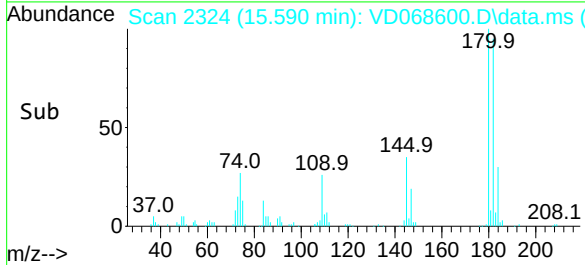
Tgt Ion:128 Resp: 188542
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.49 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068600.D
Acq: 12 Mar 2021 12:08



Tgt Ion:180 Resp: 92718
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 32.5 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:39:48 PM