

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
 Data File : VD068661.D
 Acq On : 19 Mar 2021 12:41
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:51 AM

Quant Time: Mar 20 01:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 01:51:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	328053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	575217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	514399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	15819	4.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.50%#		
35) Dibromofluoromethane	7.914	113	16104	4.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.90%#		
50) Toluene-d8	10.338	98	60813	4.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	8.72%#		
62) 4-Bromofluorobenzene	12.626	95	20087	4.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.90%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	15859	6.18	ug/l	89
3) Chloromethane	2.209	50	19095	6.02	ug/l	95
4) Vinyl Chloride	2.350	62	21132	5.54	ug/l	96
5) Bromomethane	2.774	94	17628	6.34	ug/l	87
6) Chloroethane	2.927	64	14132	5.73	ug/l	99
7) Trichlorofluoromethane	3.274	101	25672	5.75	ug/l	95
8) Diethyl Ether	3.709	74	5519	4.30	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.103	101	14101	5.14	ug/l	100
10) Methyl Iodide	4.303	142	11534	4.09	ug/l	100
11) Tert butyl alcohol	5.215	59	3644	22.74	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	13046	4.84	ug/l	86
13) Acrolein	3.921	56	3290	22.55	ug/l #	81
14) Allyl chloride	4.721	41	15710	4.83	ug/l	97
15) Acrylonitrile	5.426	53	13238	21.19	ug/l	95
16) Acetone	4.156	43	10811	25.75	ug/l	96
17) Carbon Disulfide	4.415	76	45845	5.39	ug/l	96
18) Methyl Acetate	4.726	43	5142	4.51	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	28603	4.23	ug/l	95
20) Methylene Chloride	4.962	84	34414	7.62	ug/l	93
21) trans-1,2-Dichloroethene	5.468	96	17992	4.90	ug/l	97
22) Diisopropyl ether	6.362	45	35810	4.32	ug/l	94
23) Vinyl Acetate	6.309	43	89812	20.64	ug/l	98
24) 1,1-Dichloroethane	6.262	63	29292	4.83	ug/l	97
25) 2-Butanone	7.220	43	15479	22.44	ug/l	93
26) 2,2-Dichloropropane	7.209	77	27690	5.21	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	19578	4.74	ug/l	98
28) Bromochloromethane	7.550	49	12834	5.64	ug/l	90
29) Tetrahydrofuran	7.562	42	9494	21.70	ug/l	95
30) Chloroform	7.709	83	31834	4.85	ug/l	86
31) Cyclohexane	7.979	56	30632	5.60	ug/l #	90
32) 1,1,1-Trichloroethane	7.903	97	28764	4.94	ug/l	95
36) 1,1-Dichloropropene	8.109	75	25917	4.88	ug/l	98
37) Ethyl Acetate	7.303	43	7268	4.33	ug/l #	94
38) Carbon Tetrachloride	8.091	117	26068	4.96	ug/l	91
39) Methylcyclohexane	9.350	83	30025	4.60	ug/l	98
40) Benzene	8.350	78	72001	4.65	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3764	3.89	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	18173	4.45	ug/l	98
43) Isopropyl Acetate	8.450	43	13503	4.22	ug/l	97
44) Trichloroethene	9.109	130	21290	4.99	ug/l	84
45) 1,2-Dichloropropane	9.391	63	17041	4.58	ug/l #	83
46) Dibromomethane	9.473	93	9914	4.80	ug/l	94
47) Bromodichloromethane	9.661	83	26194	4.91	ug/l	87
48) Methyl methacrylate	9.461	41	6713	4.09	ug/l	93
49) 1,4-Dioxane	9.467	88	2040	86.22	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	34894	20.89	ug/l	95
52) Toluene	10.403	92	43951	4.49	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	21799	4.42	ug/l	89
54) cis-1,3-Dichloropropene	10.091	75	26923	4.57	ug/l	94
55) 1,1,2-Trichloroethane	10.803	97	13813	4.70	ug/l #	89
56) Ethyl methacrylate	10.667	69	12268	3.84	ug/l	95
57) 1,3-Dichloropropane	10.944	76	20330	4.16	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.944	63	35631	22.16	ug/l	98
59) 2-Hexanone	10.985	43	23790	21.33	ug/l	96
60) Dibromochloromethane	11.138	129	16767	4.56	ug/l	98
61) 1,2-Dibromoethane	11.244	107	13163	4.65	ug/l	98
64) Tetrachloroethene	10.873	164	17805	5.19	ug/l	92
65) Chlorobenzene	11.673	112	48832	4.66	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.744	131	18144	4.82	ug/l	100
67) Ethyl Benzene	11.744	91	81259	4.47	ug/l	99
68) m/p-Xylenes	11.850	106	62931	8.94	ug/l	100
69) o-Xylene	12.179	106	29399	4.56	ug/l	98
70) Styrene	12.197	104	46162	4.09	ug/l	97
71) Bromoform	12.361	173	8766	4.40	ug/l #	97
73) Isopropylbenzene	12.479	105	77737	4.60	ug/l	99
74) N-amyl acetate	12.285	43	11651	4.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	14636	4.82	ug/l	100
76) 1,2,3-Trichloropropane	12.785	75	9752m	4.79	ug/l	
77) Bromobenzene	12.761	156	19197	4.83	ug/l	98
78) n-propylbenzene	12.820	91	91053	4.53	ug/l	99
79) 2-Chlorotoluene	12.902	91	50928	4.59	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	60817	4.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	4107	4.45	ug/l	93
82) 4-Chlorotoluene	13.002	91	55597	4.72	ug/l	99
83) tert-Butylbenzene	13.220	119	50958	4.36	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	60793	4.27	ug/l	100
85) sec-Butylbenzene	13.397	105	77024	4.53	ug/l	98
86) p-Isopropyltoluene	13.514	119	68231	4.45	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	38296	4.85	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	37541	4.77	ug/l	91
89) n-Butylbenzene	13.838	91	66475	4.55	ug/l	97
90) Hexachloroethane	14.108	117	14340	5.38	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	32421	4.79	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1822	4.07	ug/l	95
93) 1,2,4-Trichlorobenzene	15.161	180	21206	4.92	ug/l	93
94) Hexachlorobutadiene	15.267	225	12049	4.81	ug/l	98
95) Naphthalene	15.396	128	31711	4.12	ug/l	98
96) 1,2,3-Trichlorobenzene	15.591	180	16051	4.26	ug/l	94

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Instrument :
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ClientSampleId :
VSTDIC005

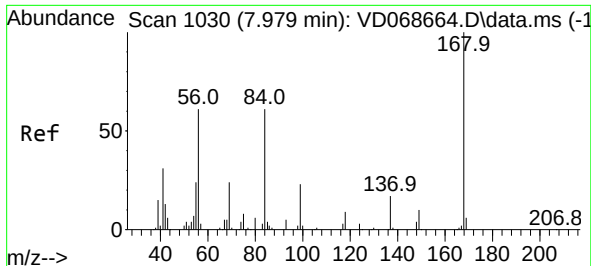
Manual Integrations
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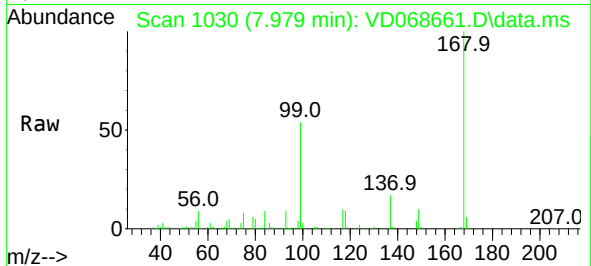
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 01:51:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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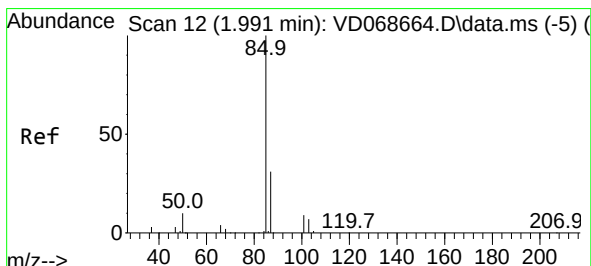
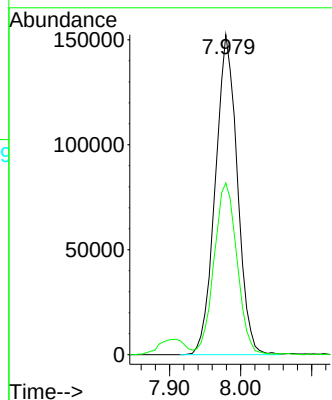
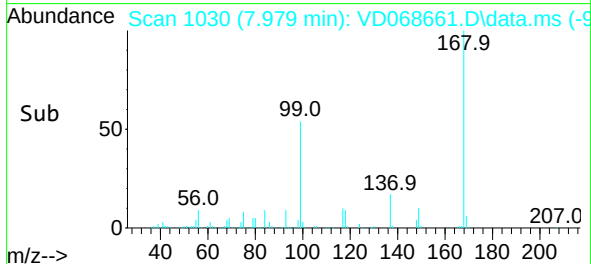
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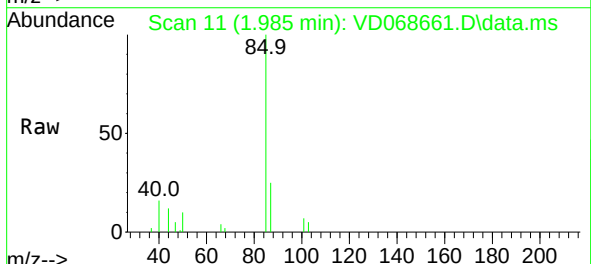
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



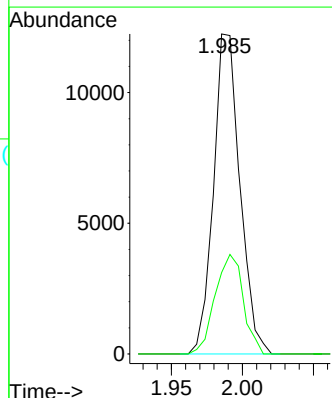
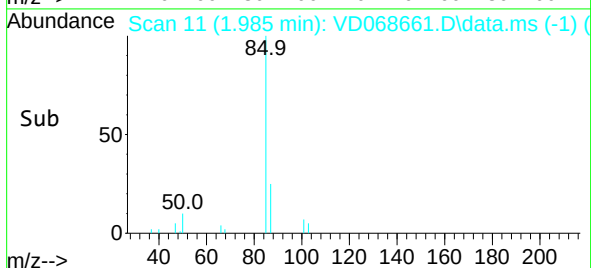
Tgt Ion: 168 Resp: 328053
Ion Ratio Lower Upper
168 100
99 53.4 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 6.18 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



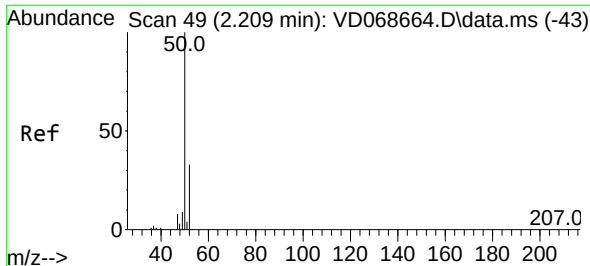
Tgt Ion: 85 Resp: 15859
Ion Ratio Lower Upper
85 100
87 25.5 15.7 47.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

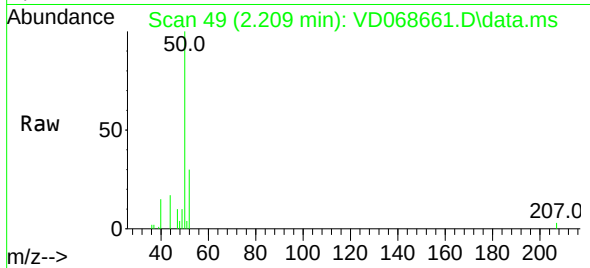
Manual Integrations
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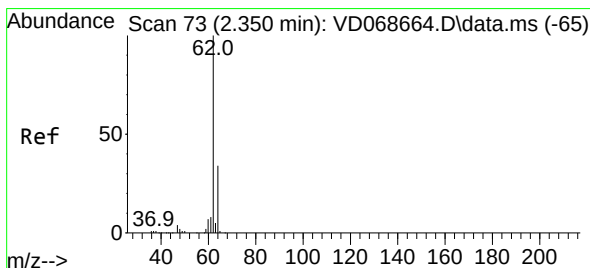
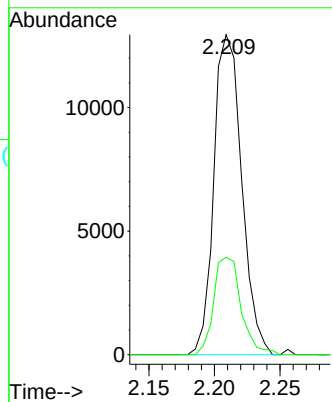
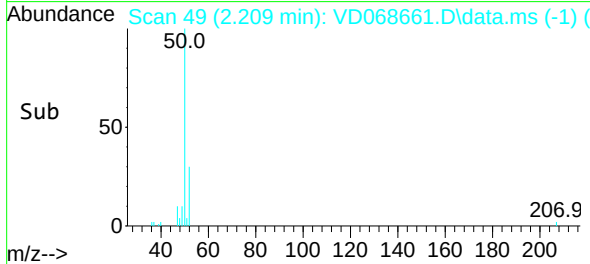


#3
Chloromethane
Concen: 6.02 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

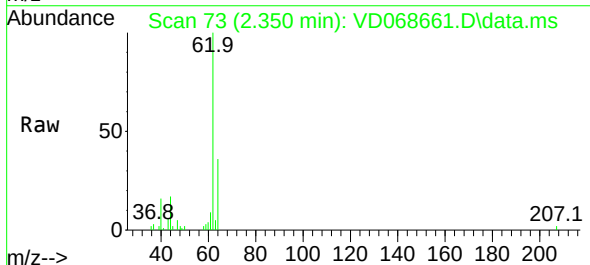
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



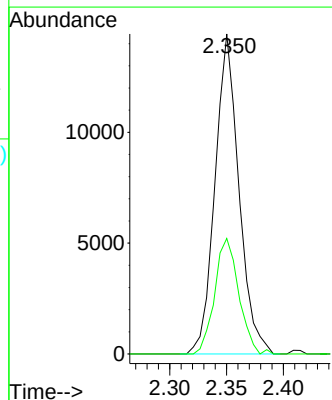
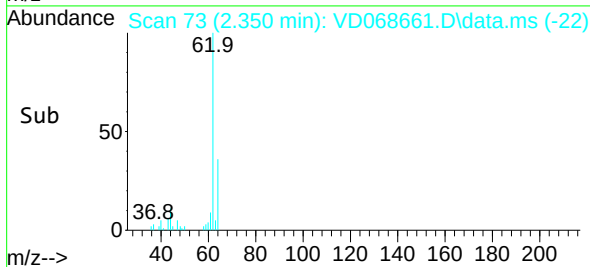
Tgt Ion: 50 Resp: 19095
Ion Ratio Lower Upper
50 100
52 30.5 26.7 40.1

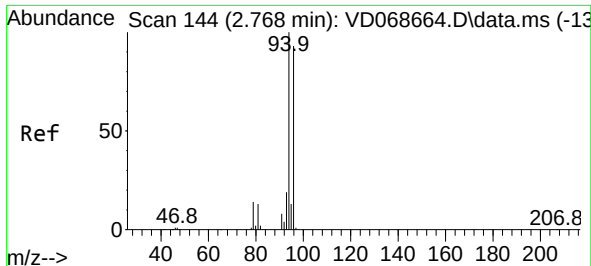


#4
Vinyl Chloride
Concen: 5.54 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



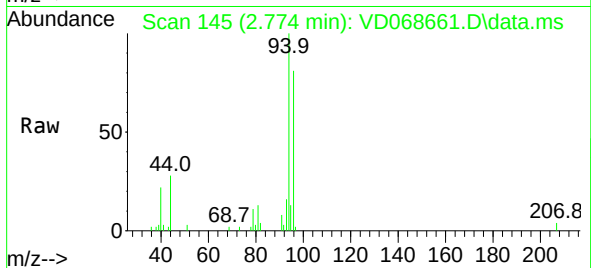
Tgt Ion: 62 Resp: 21132
Ion Ratio Lower Upper
62 100
64 36.1 27.1 40.7





#5
Bromomethane
Concen: 6.34 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

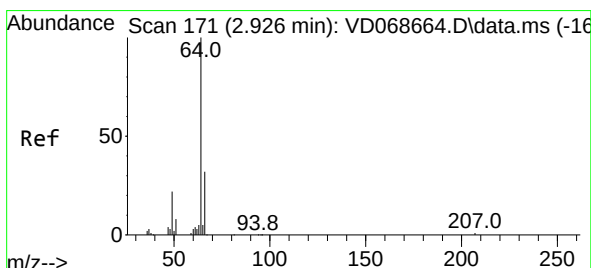
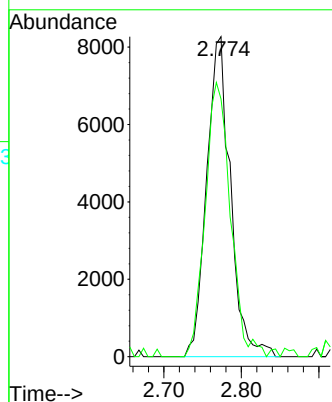
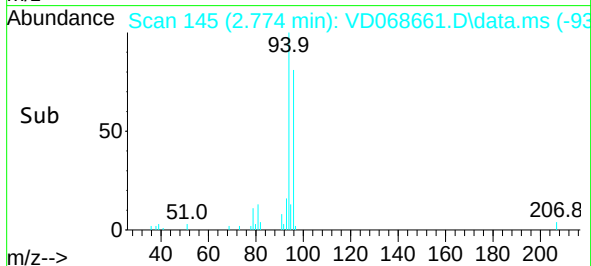
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



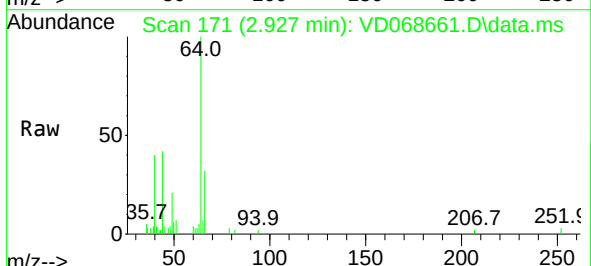
Tgt Ion: 94 Resp: 17628
Ion Ratio Lower Upper
94 100
96 80.5 74.7 112.1

Manual Integrations
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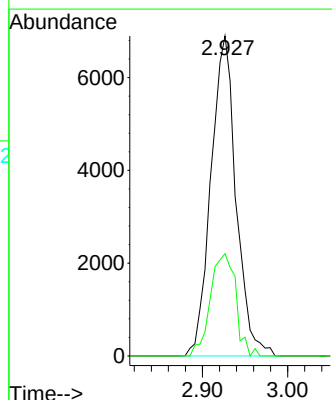
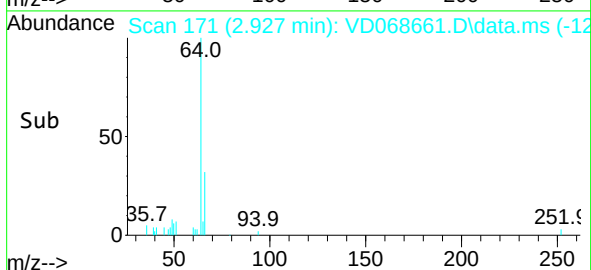
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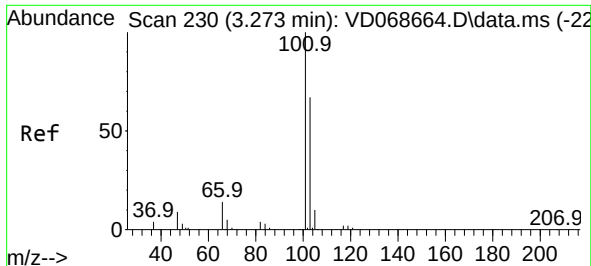


#6
Chloroethane
Concen: 5.73 ug/l
RT: 2.927 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

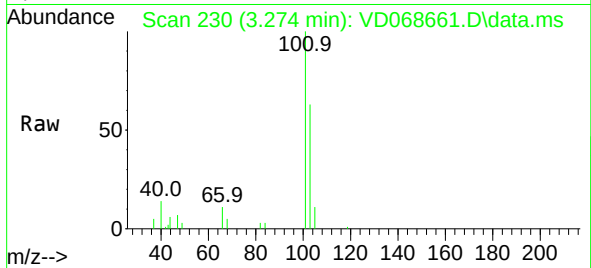


Tgt Ion: 64 Resp: 14132
Ion Ratio Lower Upper
64 100
66 31.9 26.0 39.0

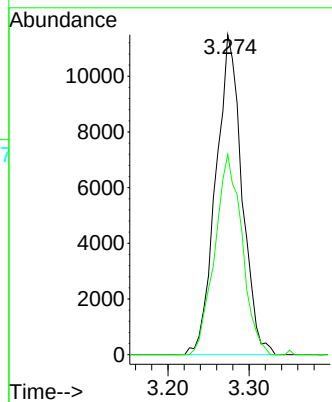




#7
Trichlorofluoromethane
Concen: 5.75 ug/l
RT: 3.274 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



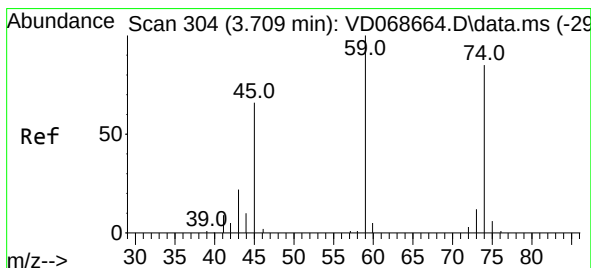
Tgt Ion: 101 Resp: 25672
Ion Ratio Lower Upper
101 100
103 62.6 53.4 80.2



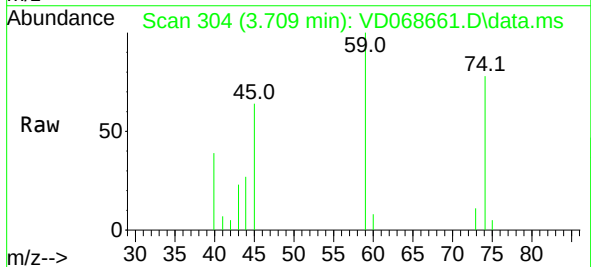
Instrument :
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ClientSampleId :
VSTDIC005

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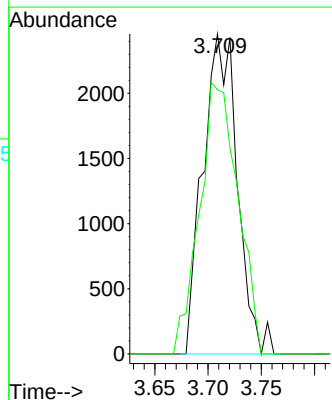
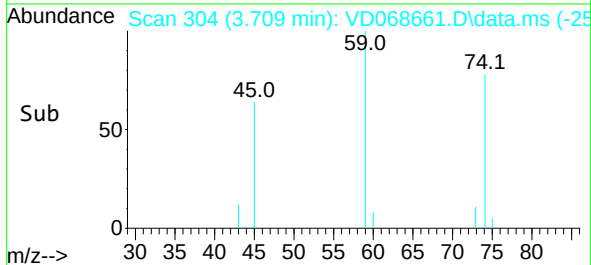
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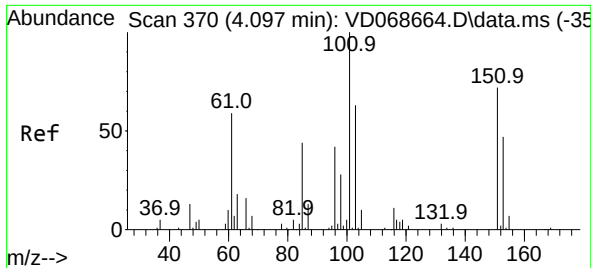


#8
Diethyl Ether
Concen: 4.30 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion: 74 Resp: 5519
Ion Ratio Lower Upper
74 100
45 94.6 40.5 121.5





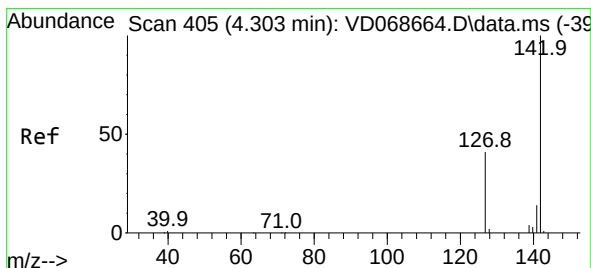
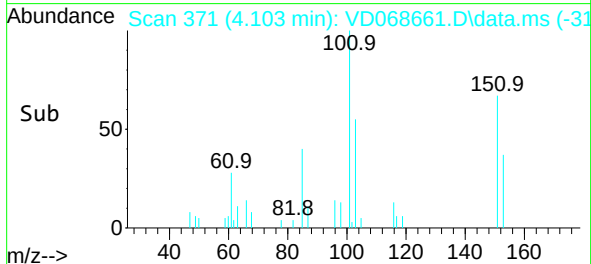
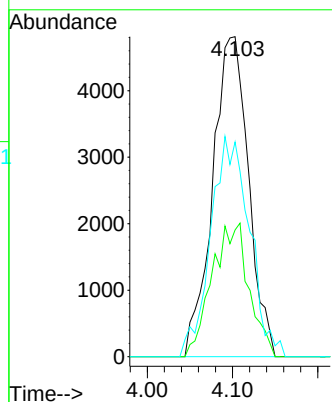
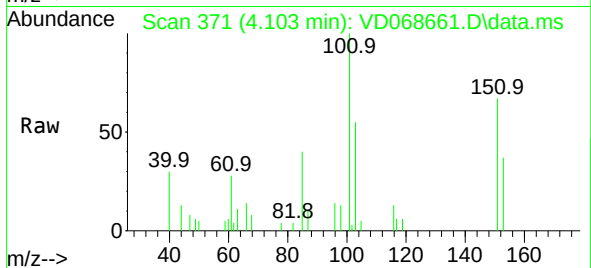
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.14 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068661.D
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Tgt Ion:	101	Resp:	14101
Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.8	50.6
151	74.3	59.4	89.2

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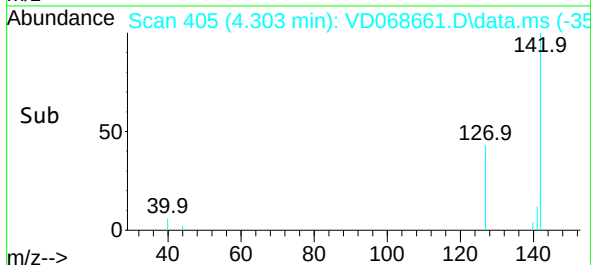
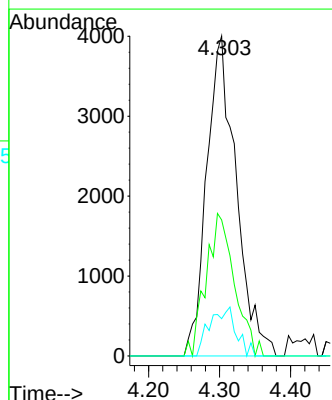
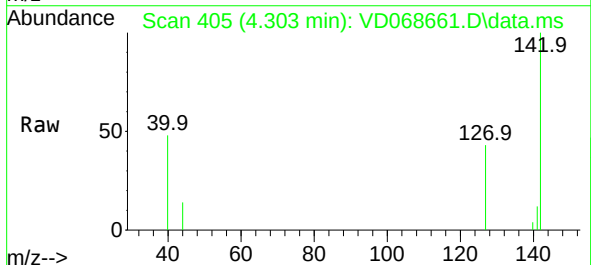
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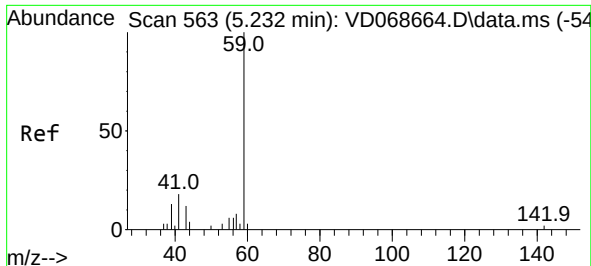
MMDadoda
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#10
Methyl Iodide
Concen: 4.09 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

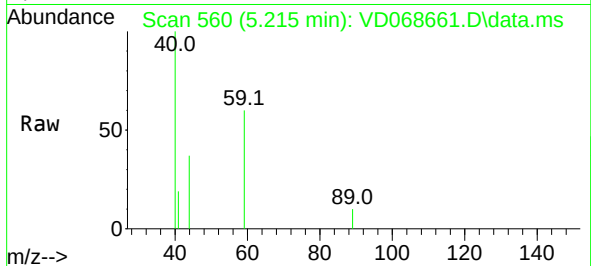
Tgt Ion:	142	Resp:	11534
Ion	Ratio	Lower	Upper
142	100		
127	43.0	34.7	52.1
141	13.7	11.0	16.4





#11
Tert butyl alcohol
Concen: 22.74 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.018 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

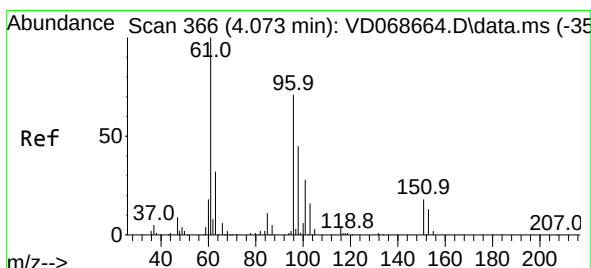
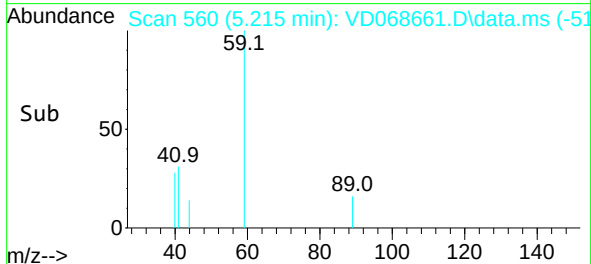
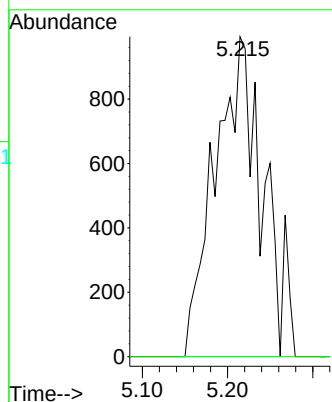
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 3644
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

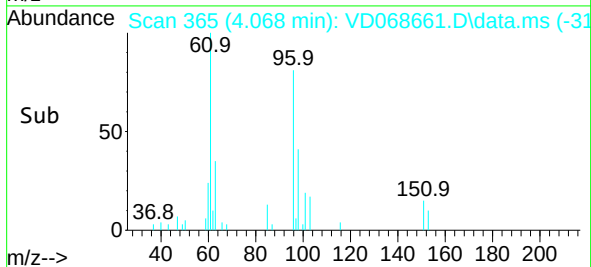
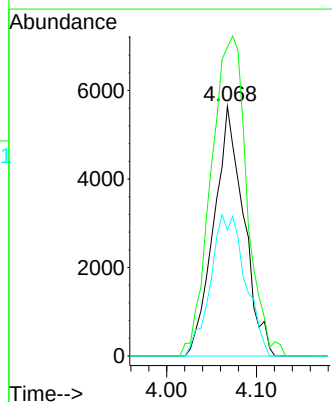
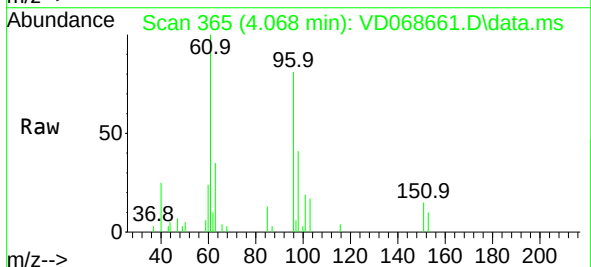
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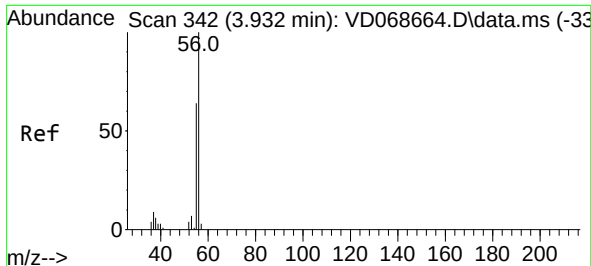
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#12
1,1-Dichloroethene
Concen: 4.84 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

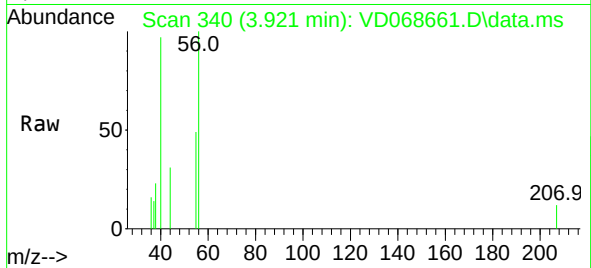
Tgt Ion: 96 Resp: 13046
Ion Ratio Lower Upper
96 100
61 123.6 112.2 168.2
98 50.3 50.2 75.2





#13
Acrolein
Concen: 22.55 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

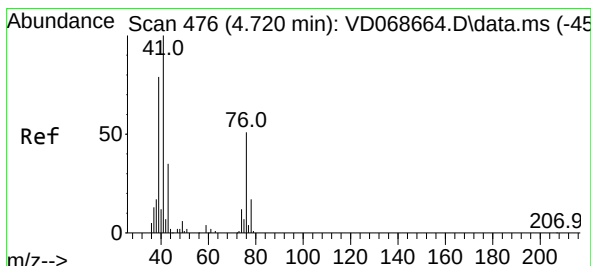
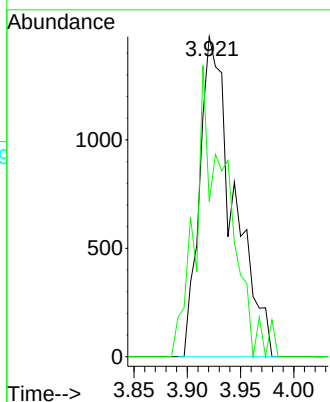
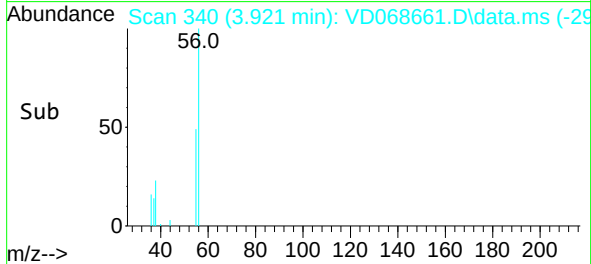
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



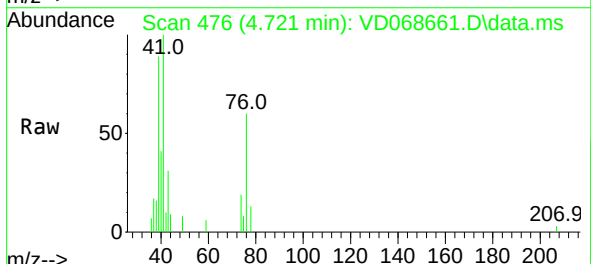
Tgt Ion: 56 Resp: 3290
Ion Ratio Lower Upper
56 100
55 83.6 54.7 82.1#

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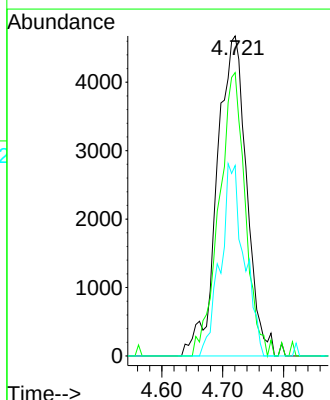
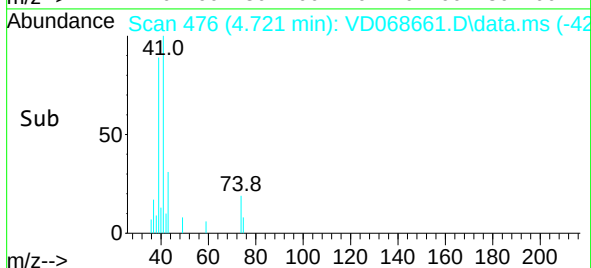
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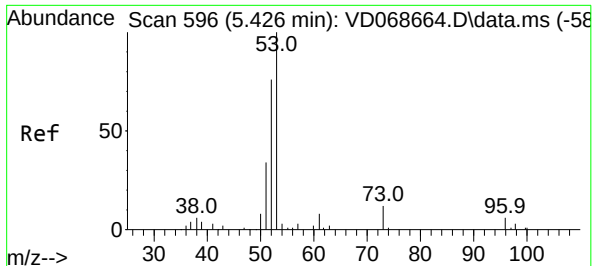


#14
Allyl chloride
Concen: 4.83 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

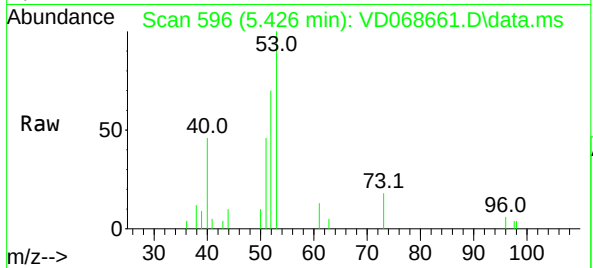


Tgt Ion: 41 Resp: 15710
Ion Ratio Lower Upper
41 100
39 78.8 60.6 91.0
76 48.3 40.4 60.6

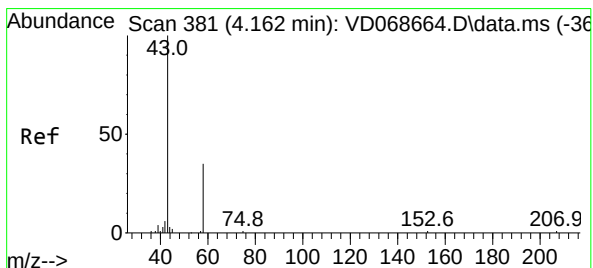
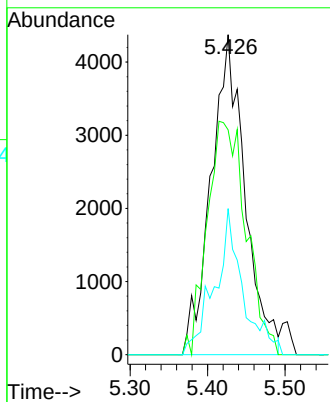
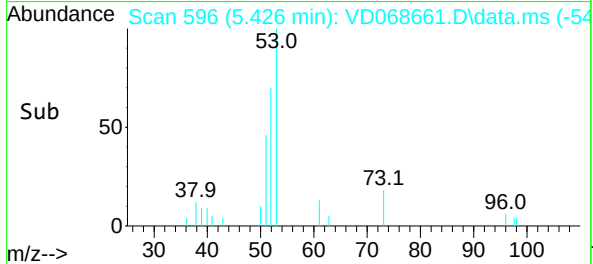




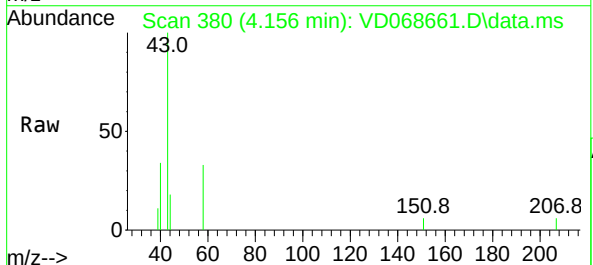
#15
Acrylonitrile
Concen: 21.19 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



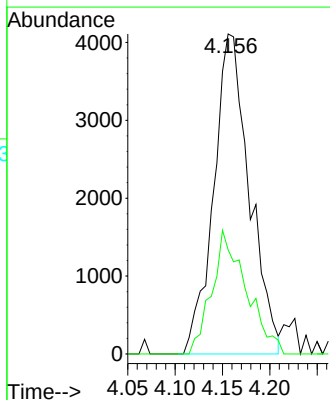
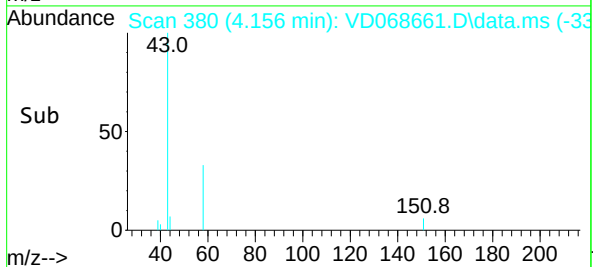
Tgt Ion:	53	Resp:	13238
Ion	Ratio	Lower	Upper
53	100		
52	84.0	63.3	94.9
51	37.9	28.3	42.5



#16
Acetone
Concen: 25.75 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



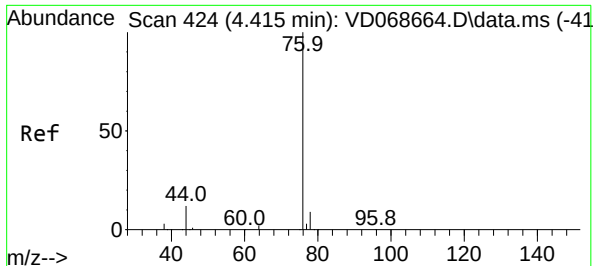
Tgt Ion:	43	Resp:	10811
Ion	Ratio	Lower	Upper
43	100		
58	32.5	28.0	42.0



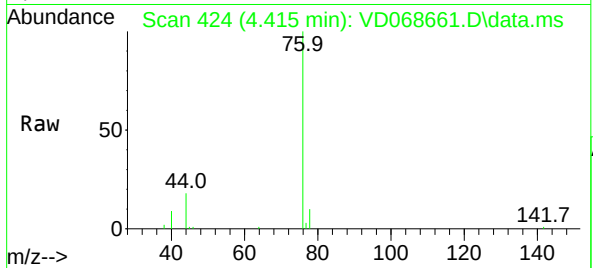
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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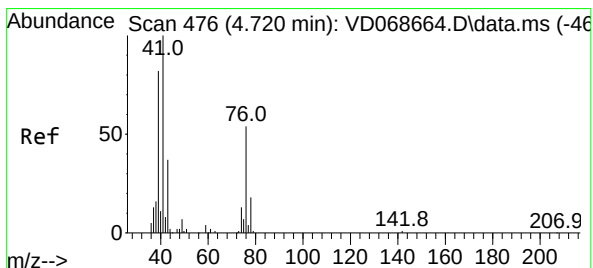
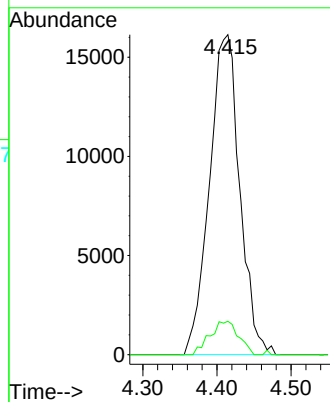
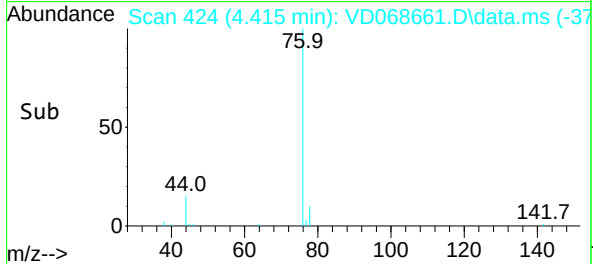
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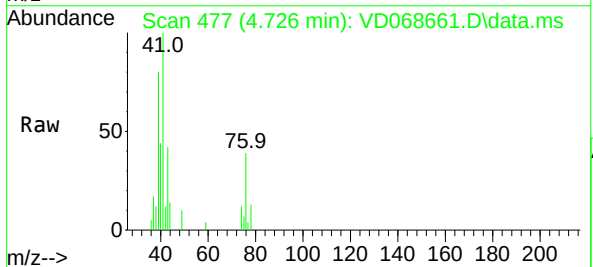
#17
Carbon Disulfide
Concen: 5.39 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



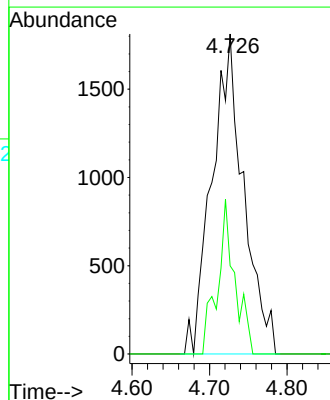
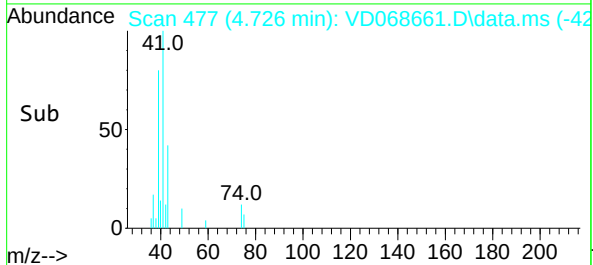
Tgt Ion: 76 Resp: 45845
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9



#18
Methyl Acetate
Concen: 4.51 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



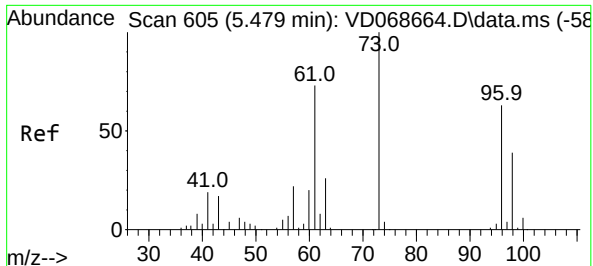
Tgt Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
74 26.7 25.4 38.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#19

Methyl tert-butyl Ether

Concen: 4.23 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

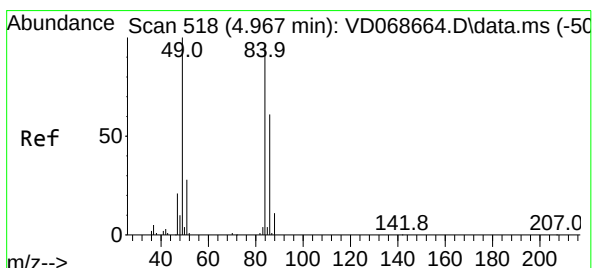
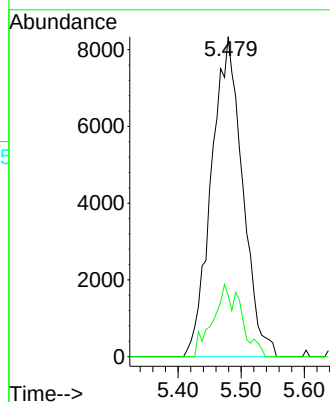
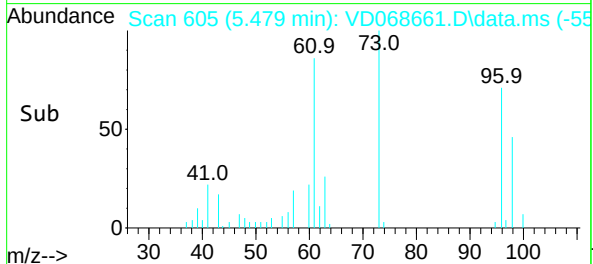
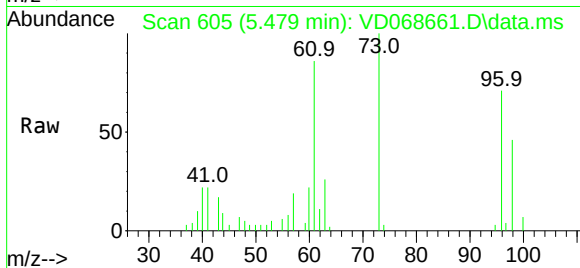
Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion: 73 Resp: 28603

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
73	100		
57	19.1	17.3	25.9



#20

Methylene Chloride

Concen: 7.62 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.006 min

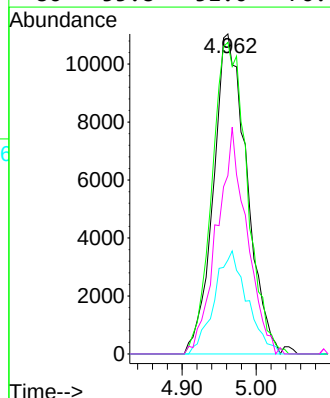
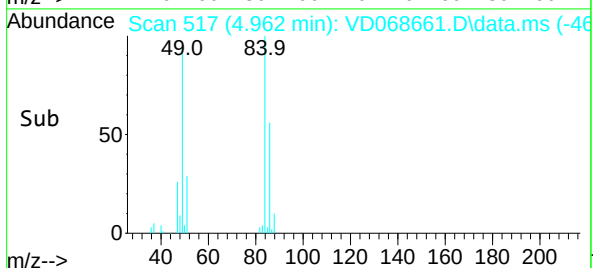
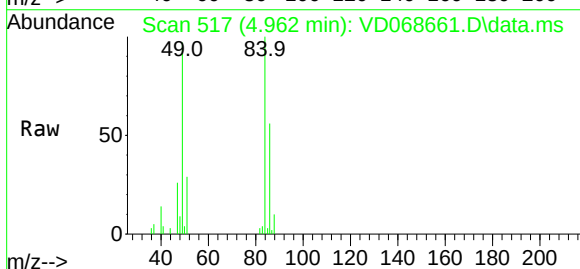
Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion: 84 Resp: 34414

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
84	100		
49	97.3	83.4	125.0
51	29.4	23.4	35.2
86	55.8	51.0	76.4



Instrument :

MSVOA_D

ClientSampleId :

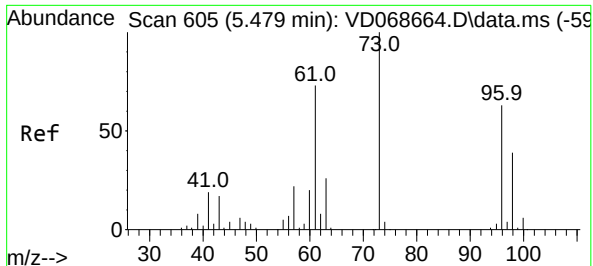
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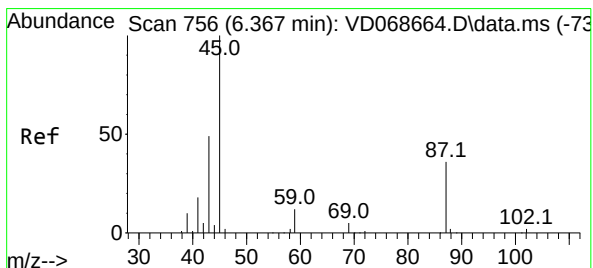
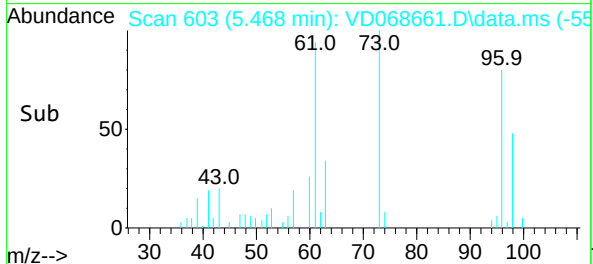
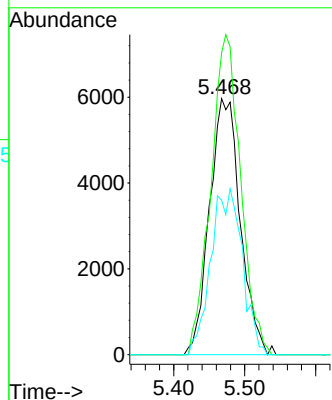
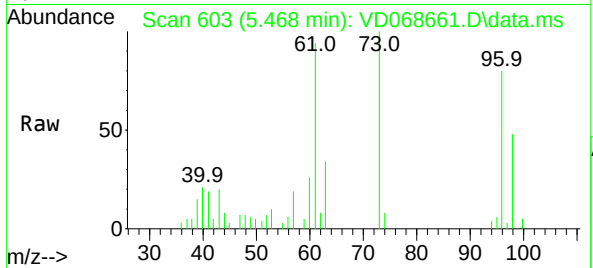
#21
trans-1,2-Dichloroethene
Concen: 4.90 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	96	Resp:	17992
Ion	Ratio	Lower	Upper
96	100		
61	118.0	91.8	137.6
98	60.3	49.3	73.9

Instrument :
MSVOA_D
ClientSampleId :
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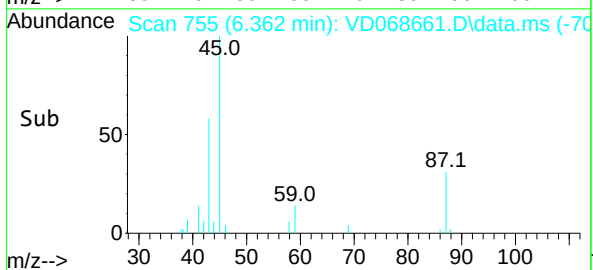
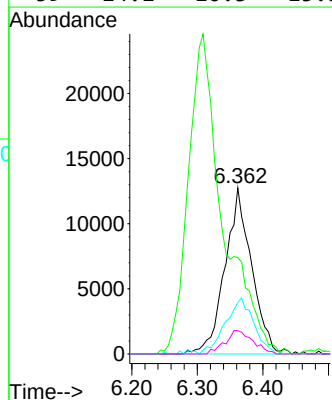
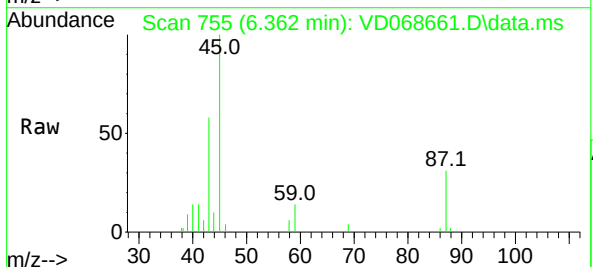
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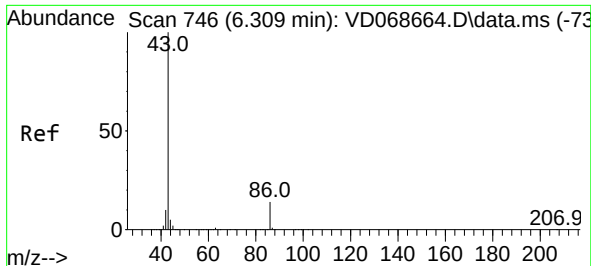
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#22
Diisopropyl ether
Concen: 4.32 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

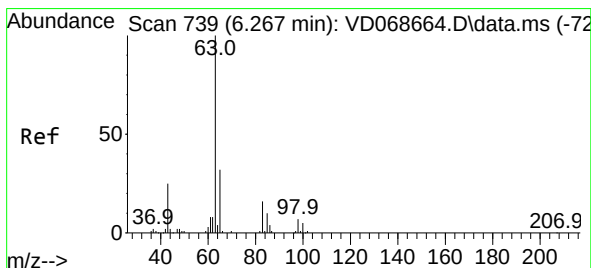
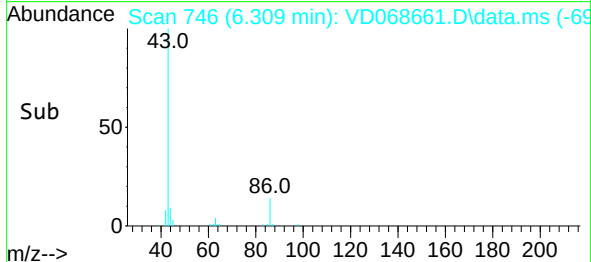
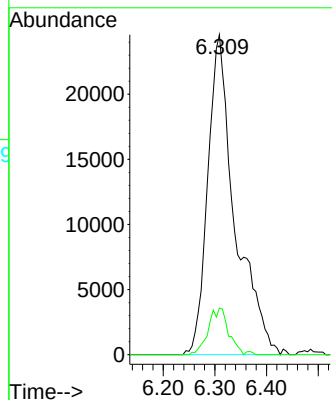
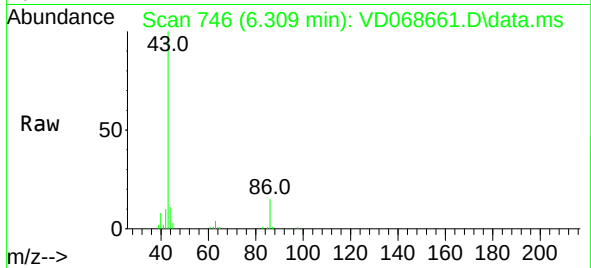
Tgt Ion:	45	Resp:	35810
Ion	Ratio	Lower	Upper
45	100		
43	55.1	41.8	62.8
87	31.0	29.2	43.8
59	14.1	10.3	15.5





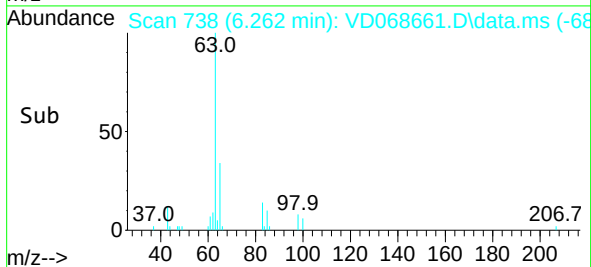
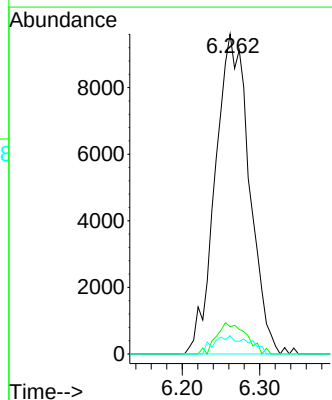
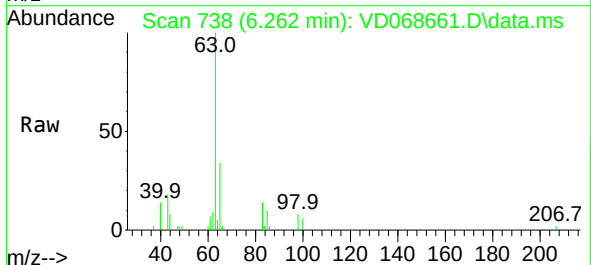
#23
 Vinyl Acetate
 Concen: 20.64 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068661.D
 Acq: 19 Mar 2021 12:41

Tgt Ion: 43 Resp: 89812
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.0 16.6



#24
 1,1-Dichloroethane
 Concen: 4.83 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD068661.D
 Acq: 19 Mar 2021 12:41

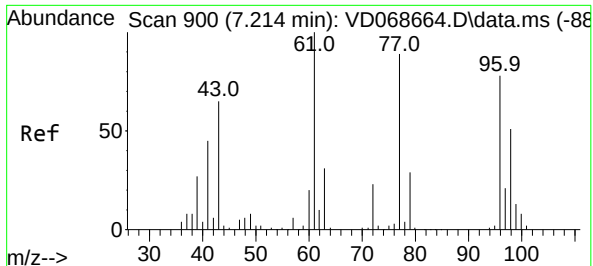
Tgt Ion: 63 Resp: 29292
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.2
 100 5.7 2.3 6.9



Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

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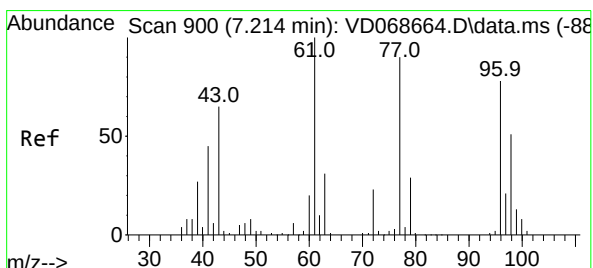
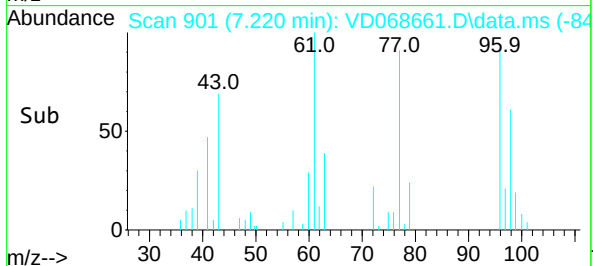
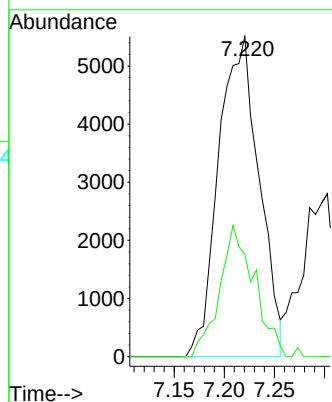
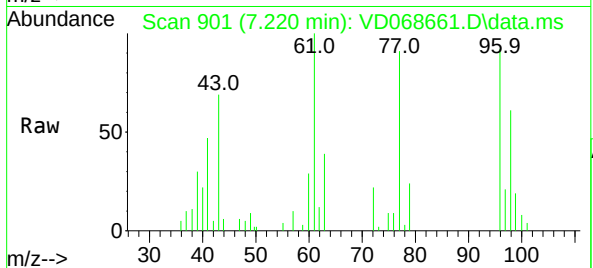
#25
2-Butanone
Concen: 22.44 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 43 Resp: 15479
Ion Ratio Lower Upper
43 100
72 31.9 28.6 43.0

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC005

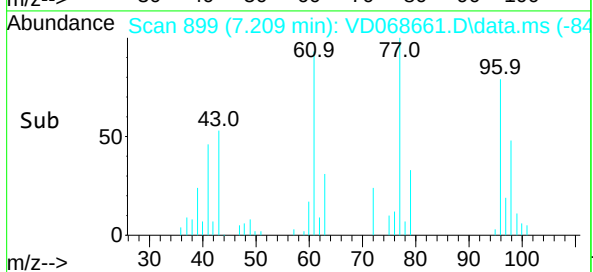
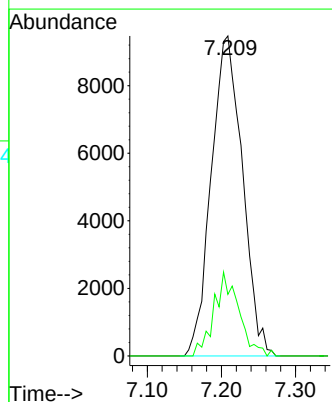
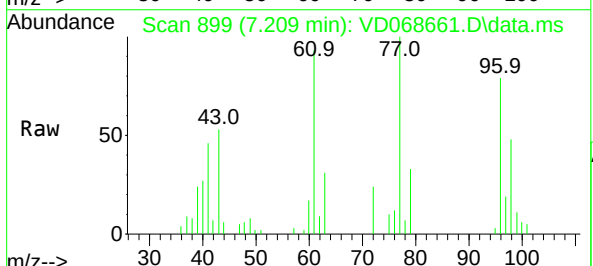
Manual Integrations
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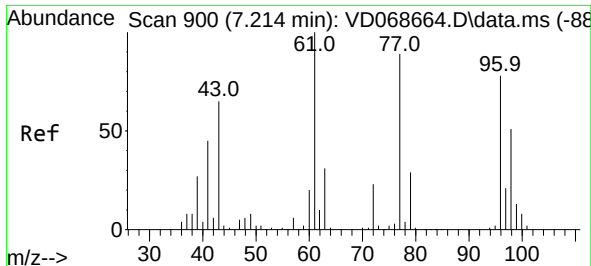
MMDadoda
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#26
2,2-Dichloropropane
Concen: 5.21 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 77 Resp: 27690
Ion Ratio Lower Upper
77 100
97 21.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 4.74 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	96	Resp:	19578
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	258.8
98	66.1	0.0	128.4

Instrument :

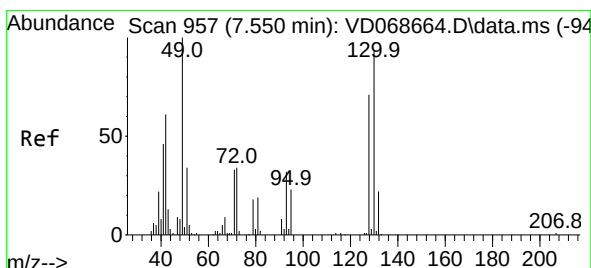
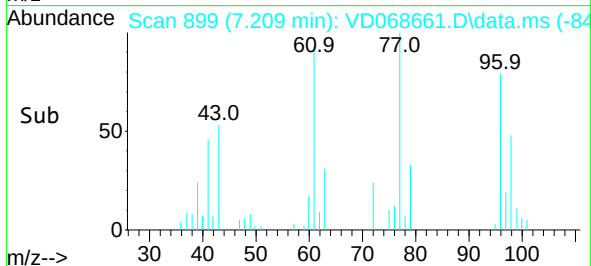
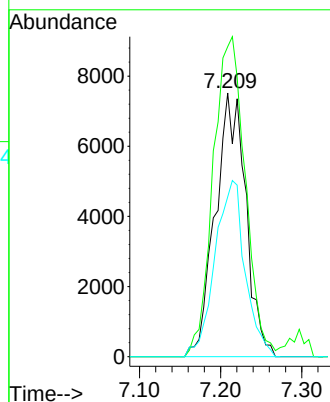
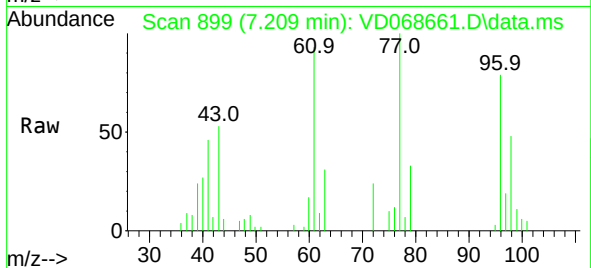
MSVOA_D

ClientSampleId :

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#28

Bromochloromethane

Concen: 5.64 ug/l

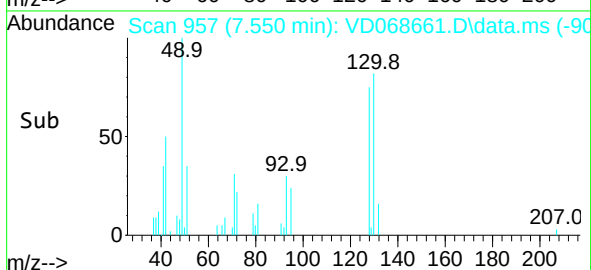
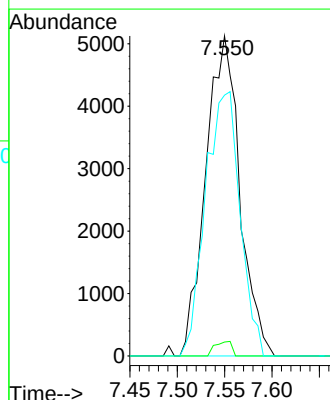
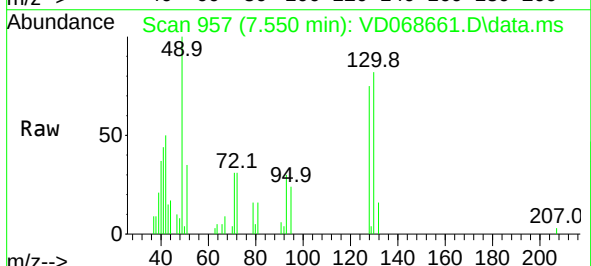
RT: 7.550 min Scan# 957

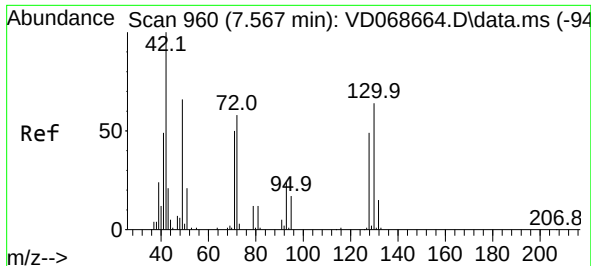
Delta R.T. 0.000 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	49	Resp:	12834
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	83.8	74.6	112.0





#29

Tetrahydrofuran

Concen: 21.70 ug/l

RT: 7.562 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068661.D

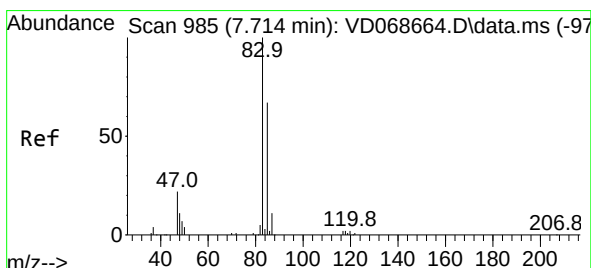
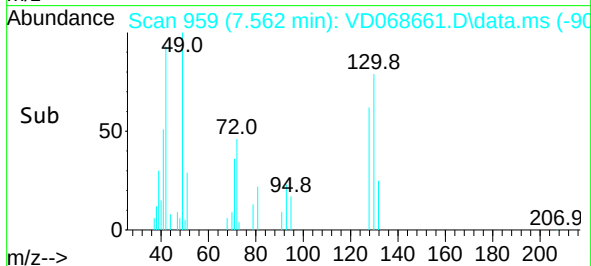
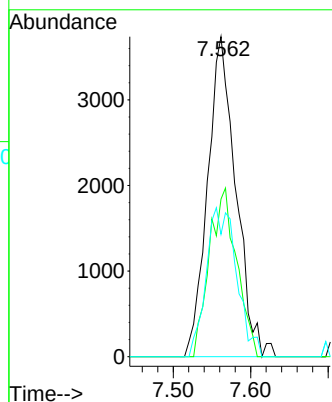
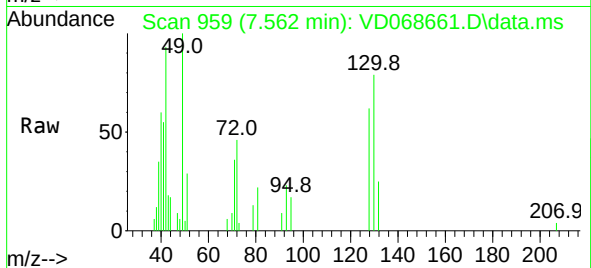
Acq: 19 Mar 2021 12:41

Tgt Ion:	42	Resp:	9494
Ion	Ratio	Lower	Upper
42	100		
72	50.9	45.2	67.8
71	49.8	40.8	61.2

Instrument :
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ClientSampleId :
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#30

Chloroform

Concen: 4.85 ug/l

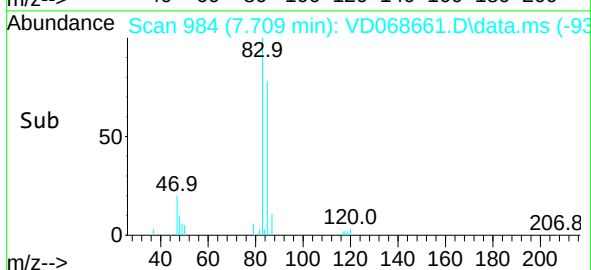
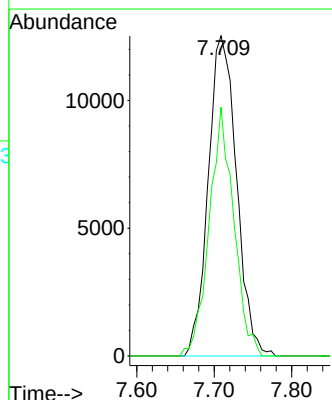
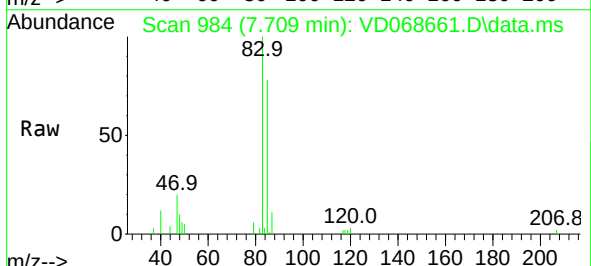
RT: 7.709 min Scan# 984

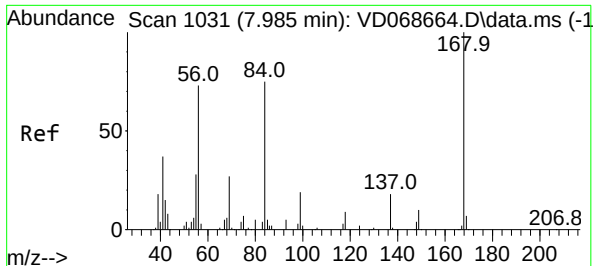
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

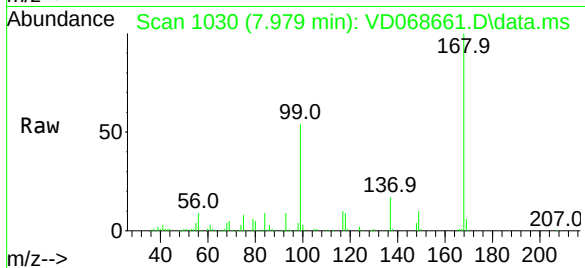
Tgt Ion:	83	Resp:	31834
Ion	Ratio	Lower	Upper
83	100		
85	77.8	53.3	79.9





#31
Cyclohexane
Concen: 5.60 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

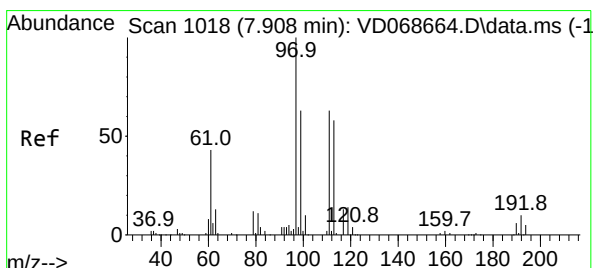
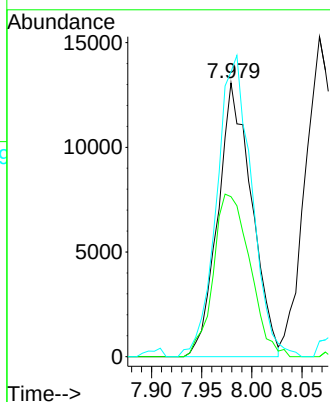
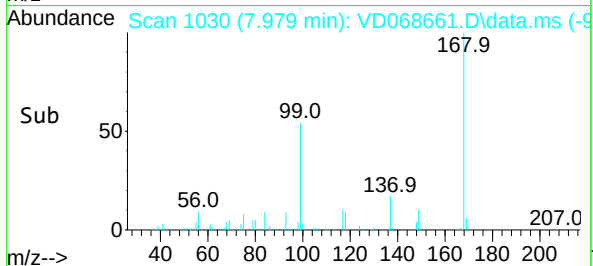
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



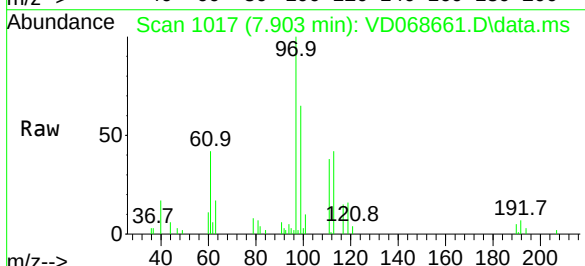
Tgt Ion: 56 Resp: 30632
Ion Ratio Lower Upper
56 100
69 58.4 30.0 45.0#
84 104.1 82.0 123.0

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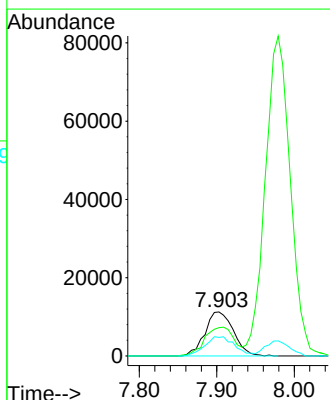
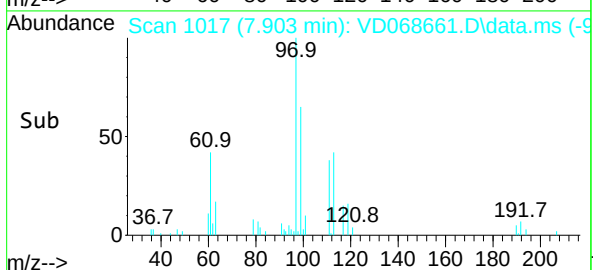
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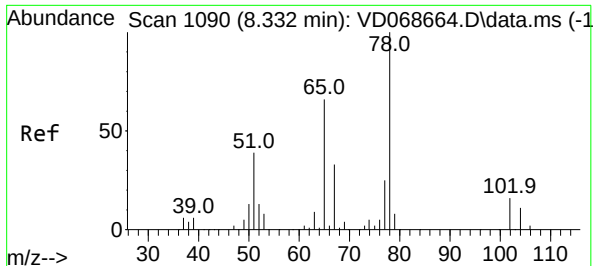


#32
1,1,1-Trichloroethane
Concen: 4.94 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion: 97 Resp: 28764
Ion Ratio Lower Upper
97 100
99 67.0 50.8 76.2
61 45.8 33.7 50.5





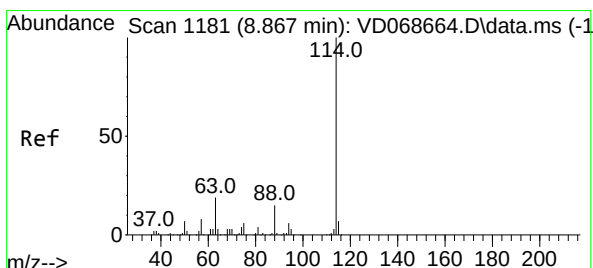
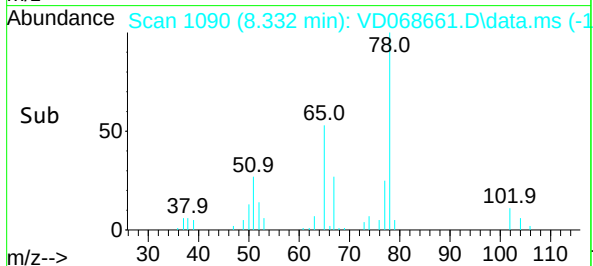
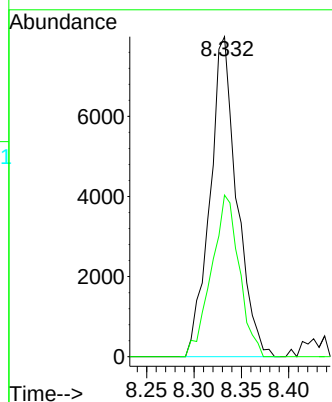
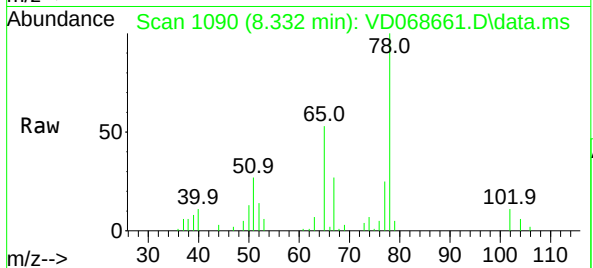
#33
1,2-Dichloroethane-d4
Concen: 4.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 65 Resp: 15819
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

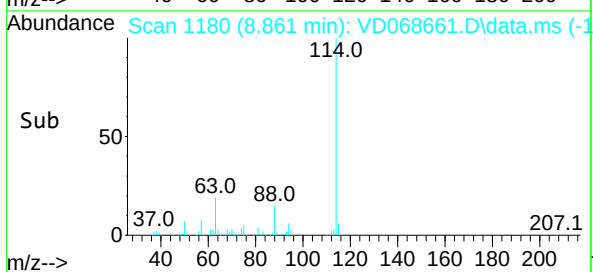
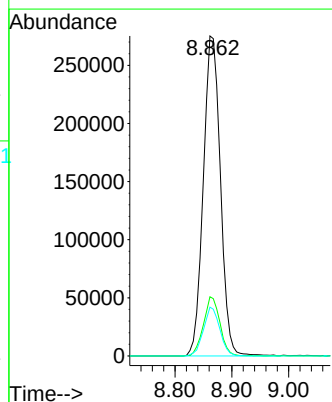
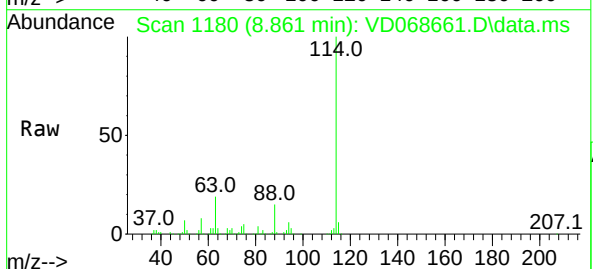
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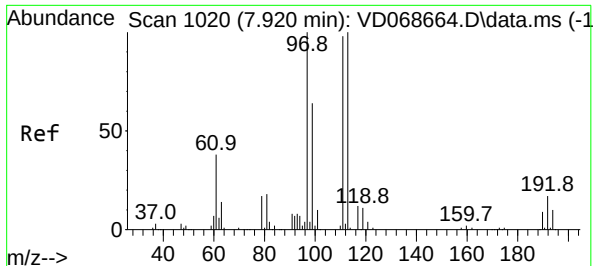
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 114 Resp: 575217
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 4.45 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068661.D

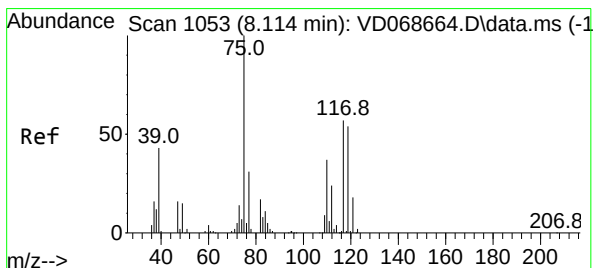
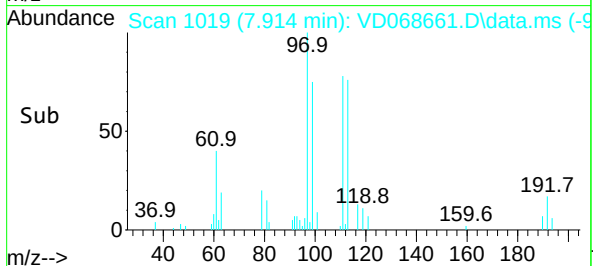
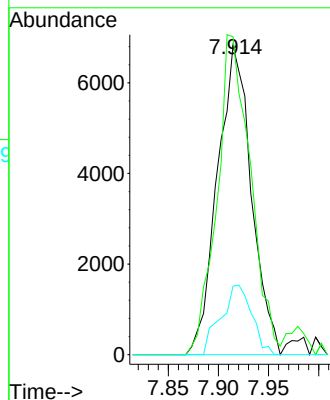
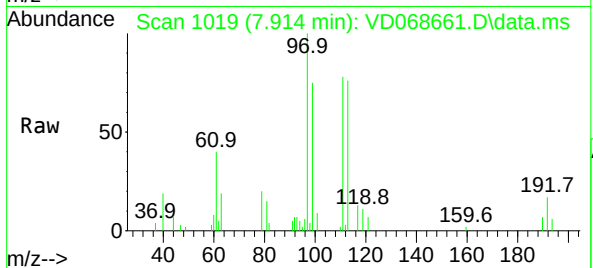
Acq: 19 Mar 2021 12:41

Tgt Ion:	113	Resp:	16104
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.5	123.7
192	20.4	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 4.88 ug/l

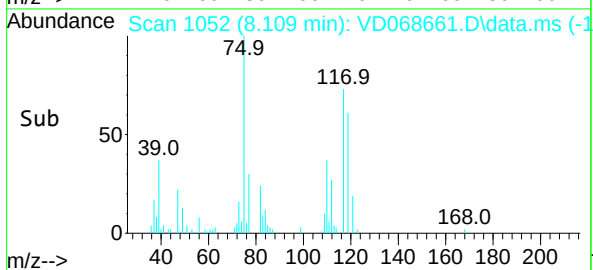
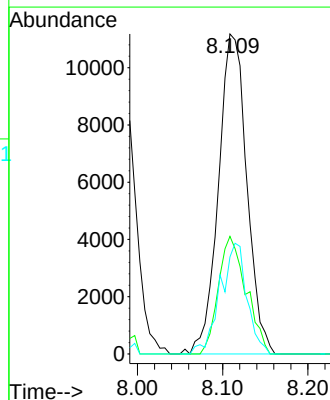
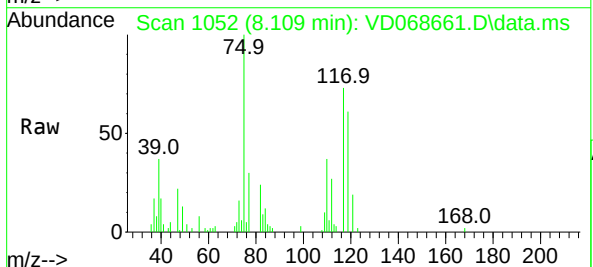
RT: 8.109 min Scan# 1052

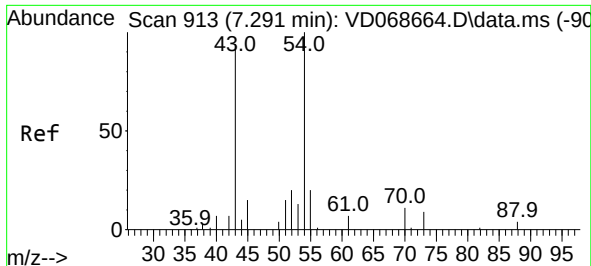
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	75	Resp:	25917
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.4
77	32.6	24.7	37.1





#37

Ethyl Acetate

Concen: 4.33 ug/l

RT: 7.303 min Scan# 915

Delta R.T. 0.012 min

Lab File: VD068661.D

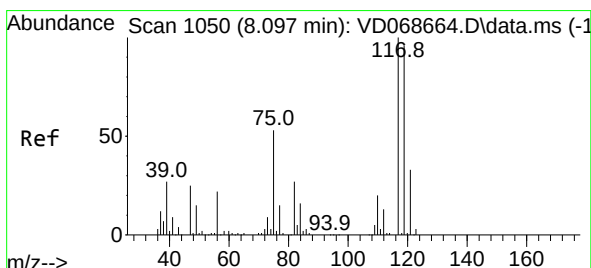
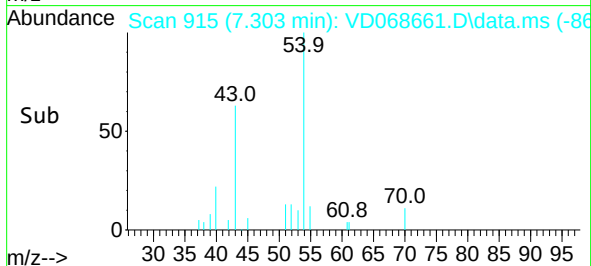
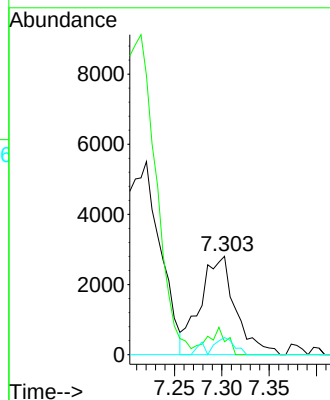
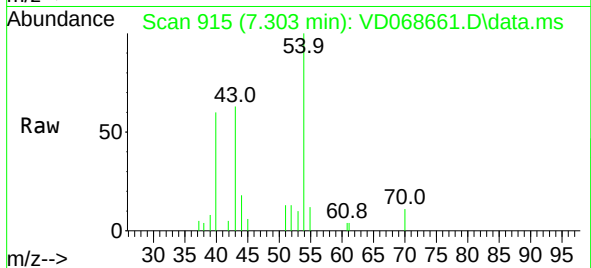
Acq: 19 Mar 2021 12:41

Tgt Ion:	43	Resp:	7268
Ion	Ratio	Lower	Upper
43	100		
61	15.2	14.2	21.4
70	9.4	9.4	14.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#38

Carbon Tetrachloride

Concen: 4.96 ug/l

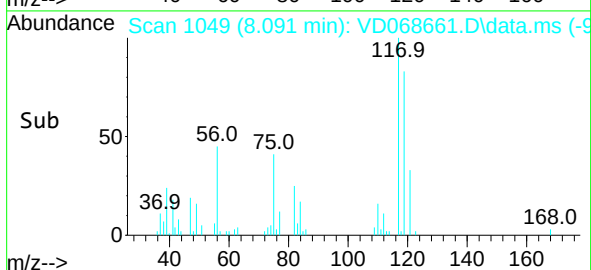
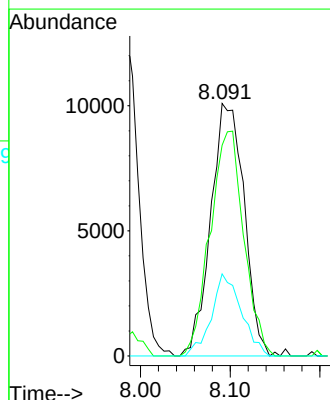
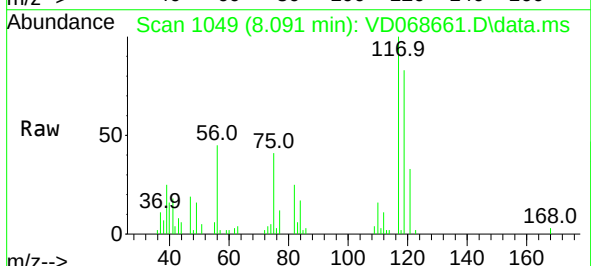
RT: 8.091 min Scan# 1049

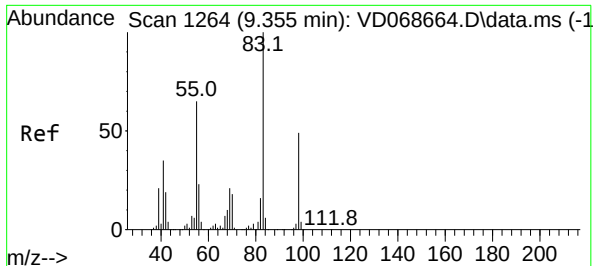
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	117	Resp:	26068
Ion	Ratio	Lower	Upper
117	100		
119	83.4	76.6	115.0
121	32.5	26.1	39.1





#39

Methylcyclohexane

Concen: 4.60 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	83	Resp:	30025
Ion	Ratio	Lower	Upper
83	100		
55	63.9	51.7	77.5
98	50.2	38.8	58.2

Instrument :

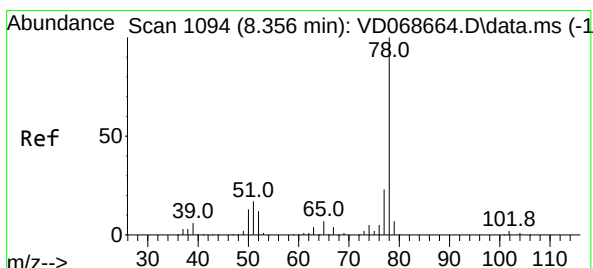
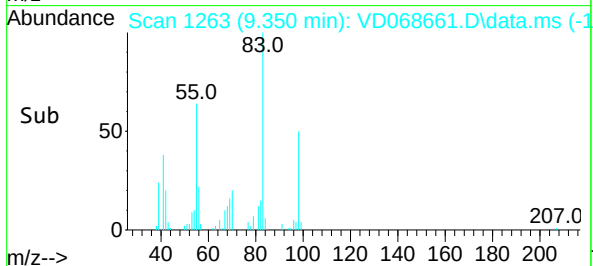
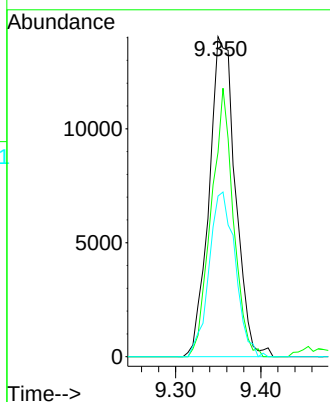
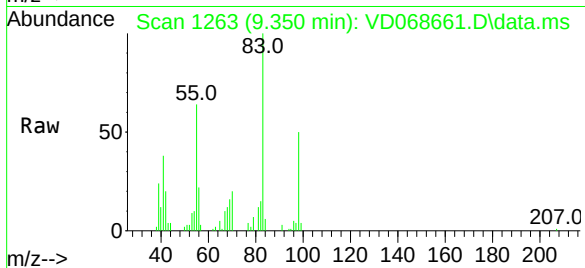
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 4.65 ug/l

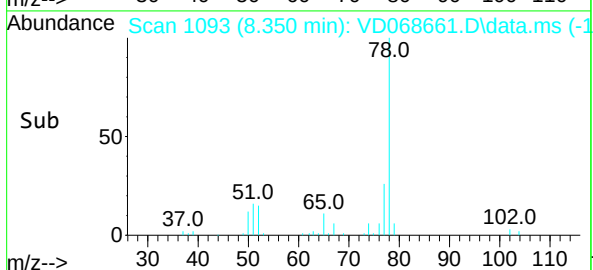
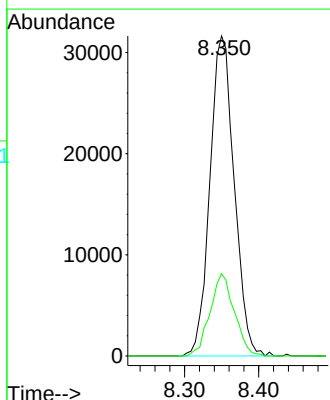
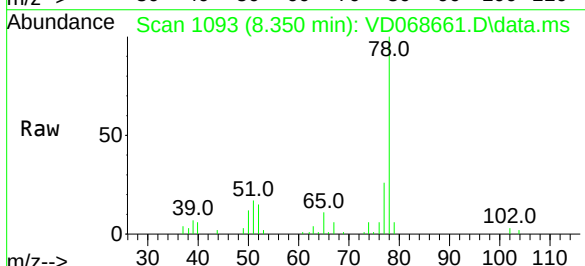
RT: 8.350 min Scan# 1093

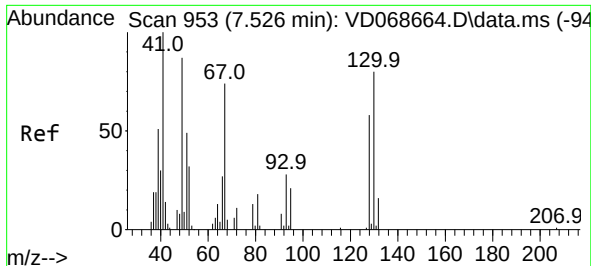
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

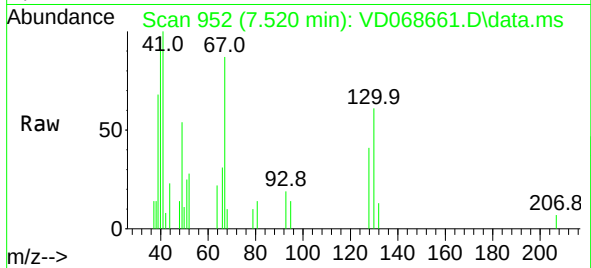
Tgt Ion:	78	Resp:	72001
Ion	Ratio	Lower	Upper
78	100		
77	25.7	18.2	27.2





#41
Methacrylonitrile
Concen: 3.89 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

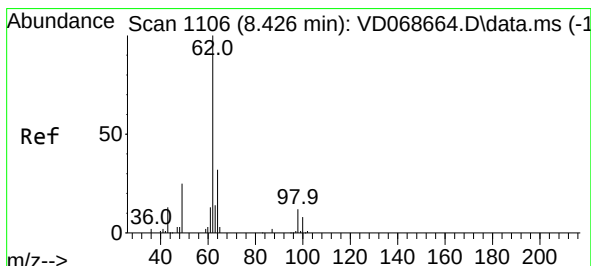
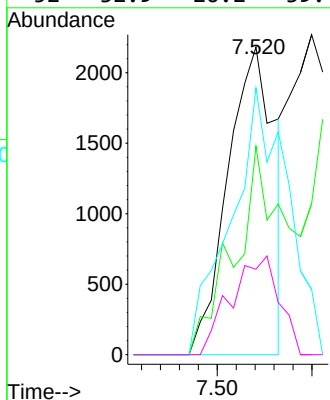
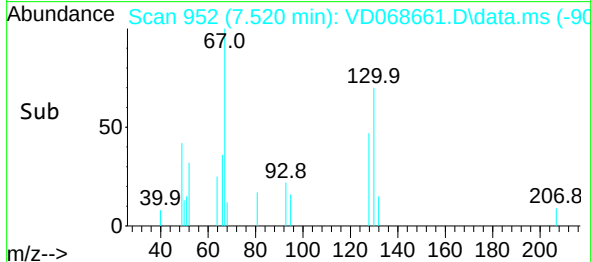
Instrument :
MSVOA_D
ClientSampleID :
VSTDIC005



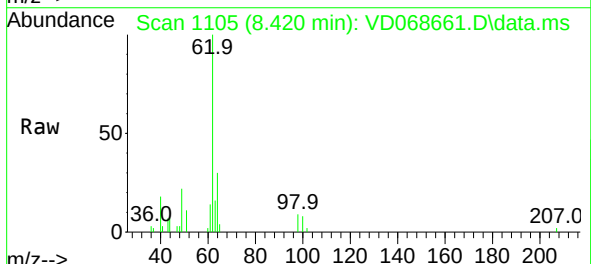
Tgt Ion:	41	Resp:	3764
Ion Ratio	Lower	Upper	
41	100		
39	74.0	43.2	64.8#
67	104.5	63.9	95.9#
52	32.9	26.2	39.4

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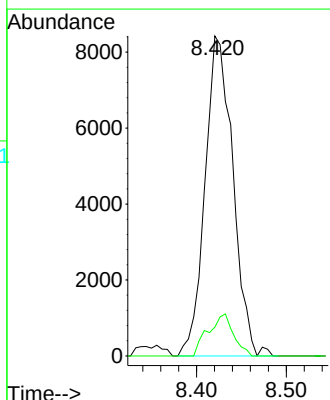
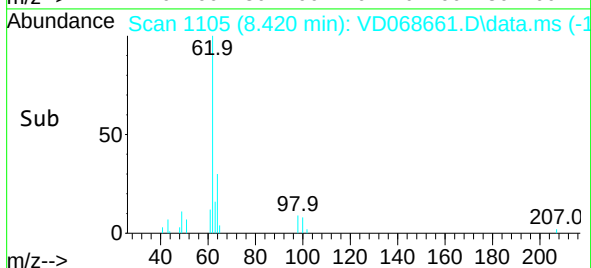
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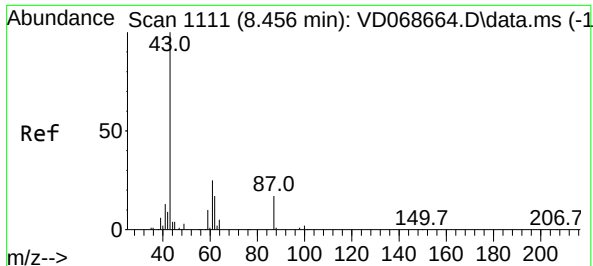


#42
1,2-Dichloroethane
Concen: 4.45 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion:	62	Resp:	18173
Ion Ratio	Lower	Upper	
62	100		
98	11.9	0.0	22.6





#43

Isopropyl Acetate

Concen: 4.22 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD068661.D

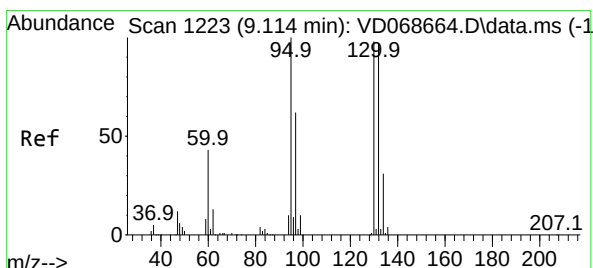
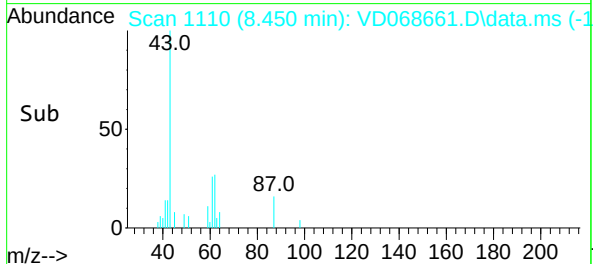
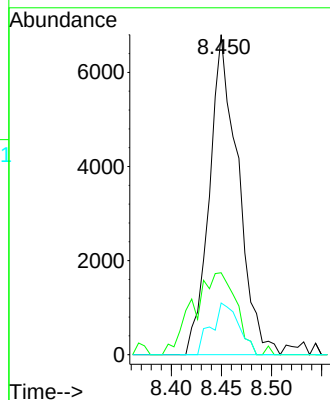
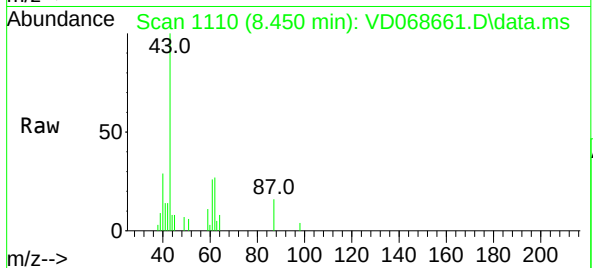
Acq: 19 Mar 2021 12:41

Tgt Ion: 43	Resp: 13503
Ion Ratio	Lower Upper
43 100	
61 38.4	29.5 44.3
87 15.5	13.5 20.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#44

Trichloroethene

Concen: 4.99 ug/l

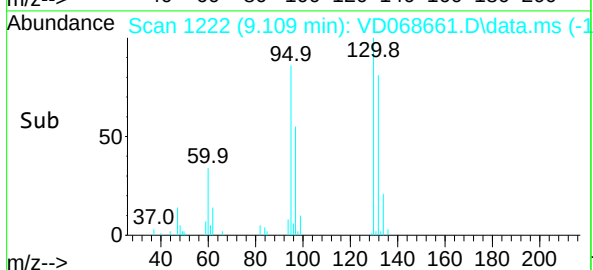
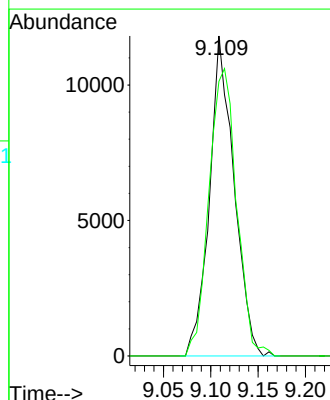
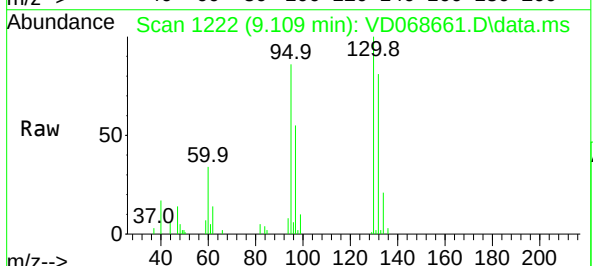
RT: 9.109 min Scan# 1222

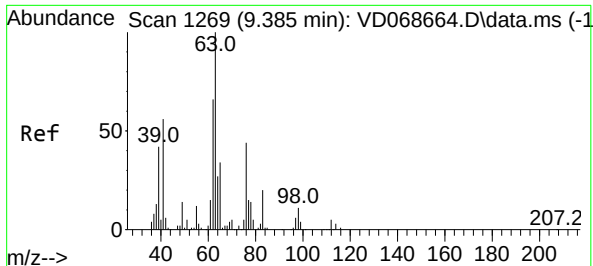
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:130	Resp:	21290	
Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	203.8





#45

1,2-Dichloropropane

Concen: 4.58 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion: 63 Resp: 17041

Ion Ratio Lower Upper

63 100

65 23.8 27.0 40.4#

Instrument :

MSVOA_D

ClientSampleId :

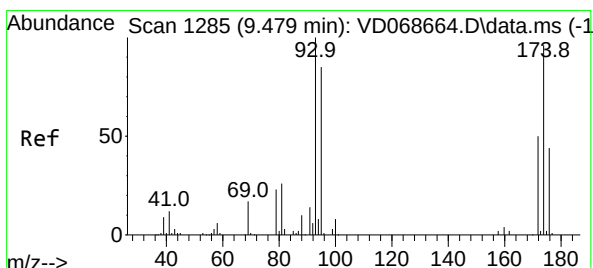
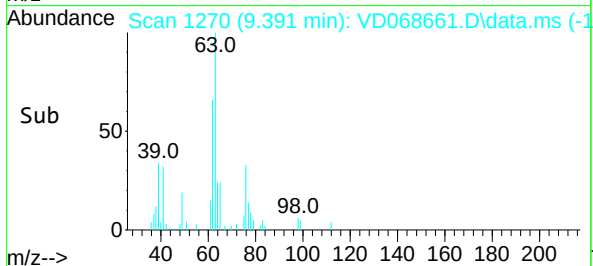
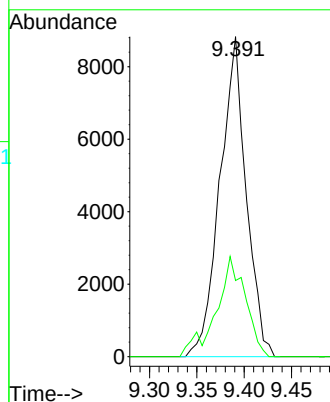
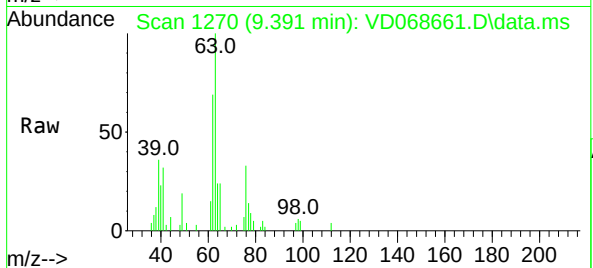
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#46

Dibromomethane

Concen: 4.80 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

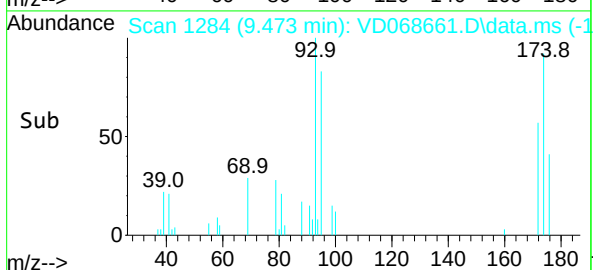
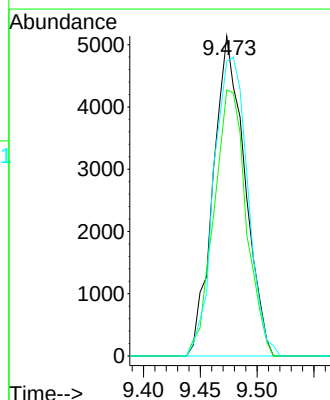
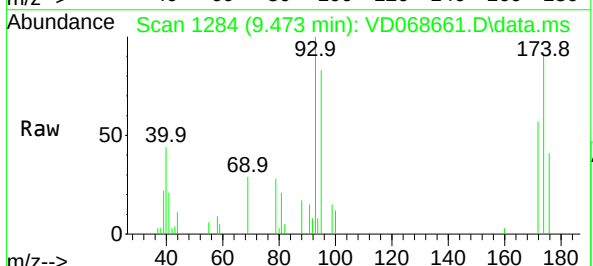
Tgt Ion: 93 Resp: 9914

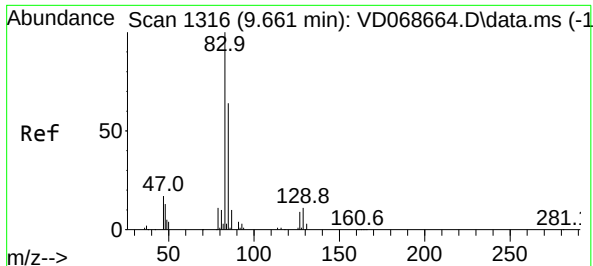
Ion Ratio Lower Upper

93 100

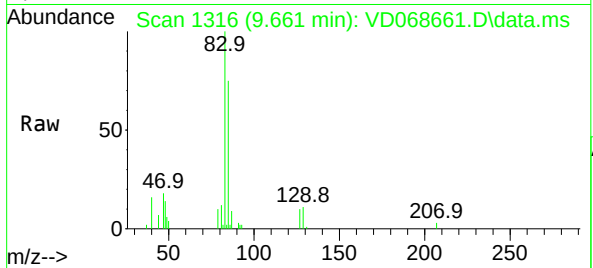
95 85.1 64.5 96.7

174 100.4 75.3 112.9

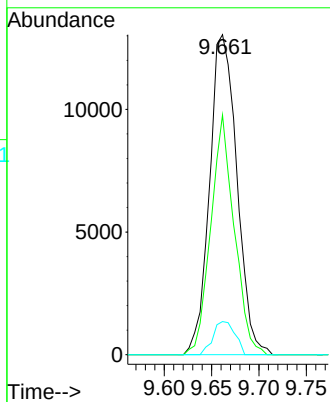
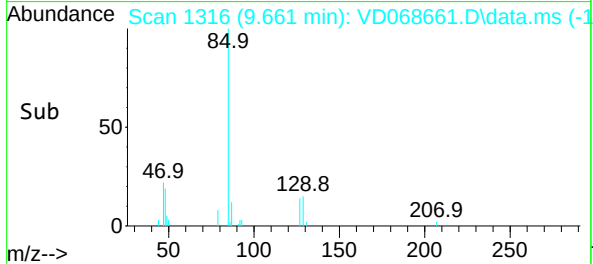




#47
Bromodichloromethane
Concen: 4.91 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



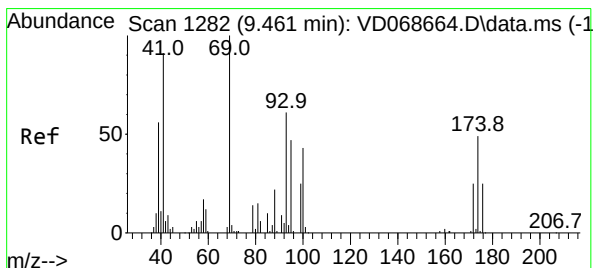
Tgt Ion: 83 Resp: 26194
Ion Ratio Lower Upper
83 100
85 74.9 51.0 76.6
127 10.4 7.1 10.7



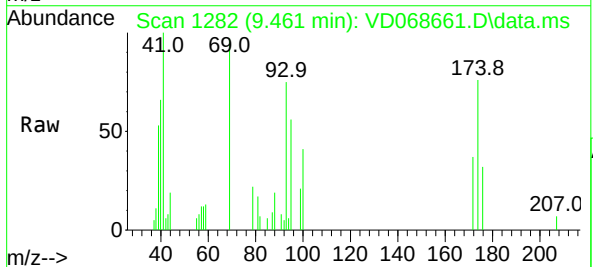
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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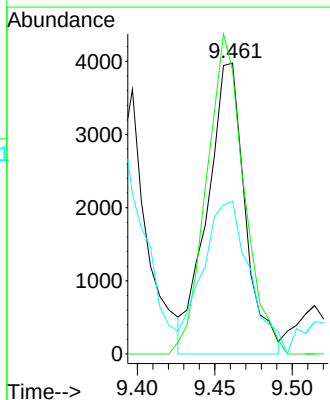
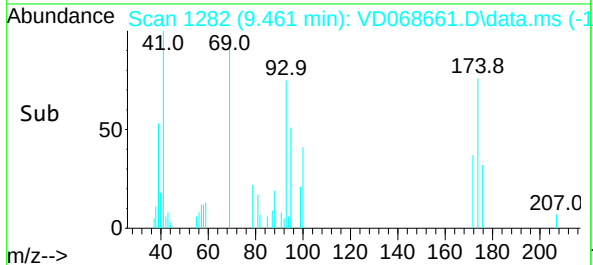
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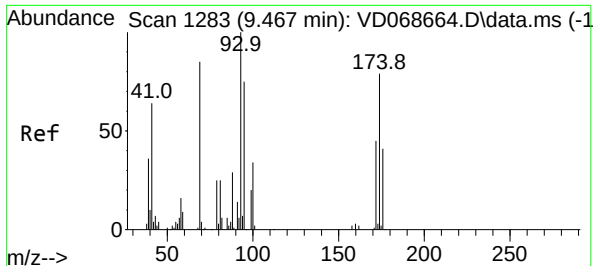


#48
Methyl methacrylate
Concen: 4.09 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion: 41 Resp: 6713
Ion Ratio Lower Upper
41 100
69 109.7 83.0 124.6
39 65.6 47.0 70.6





#49

1,4-Dioxane

Concen: 86.22 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD068661.D

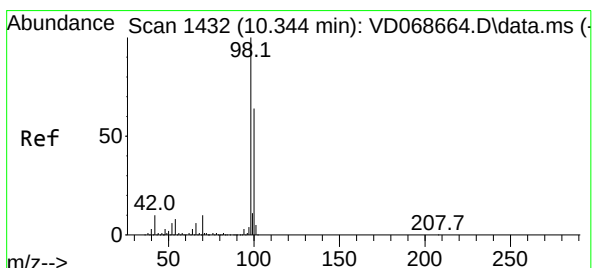
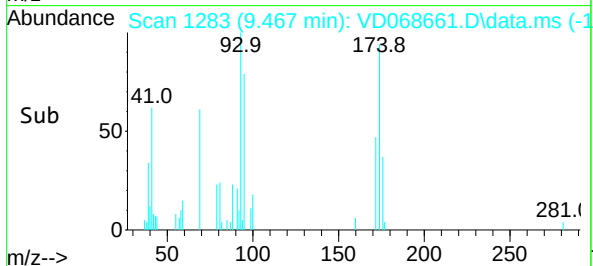
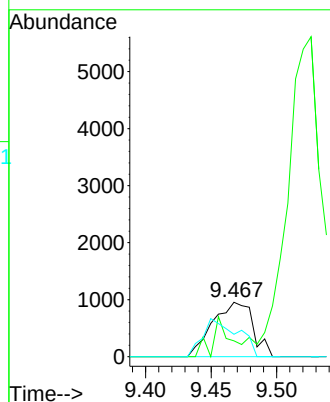
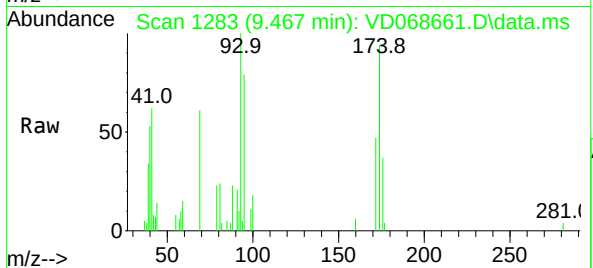
Acq: 19 Mar 2021 12:41

Tgt Ion:	88	Resp:	2040
Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.8	38.8
58	60.9	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#50

Toluene-d8

Concen: 4.36 ug/l

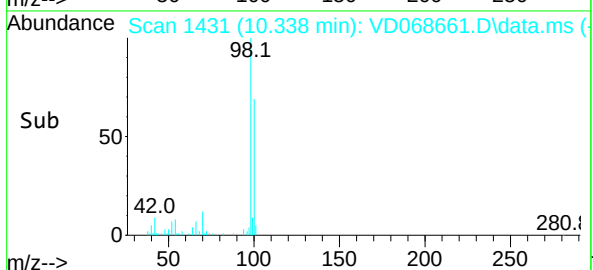
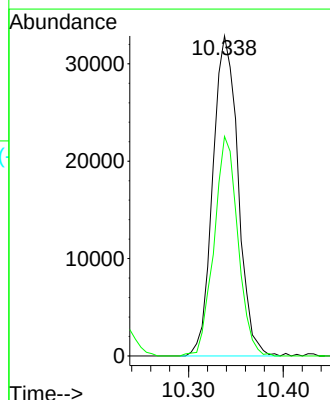
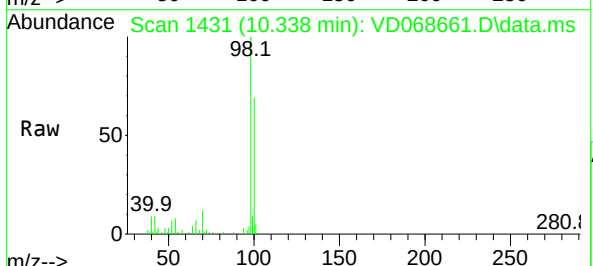
RT: 10.338 min Scan# 1431

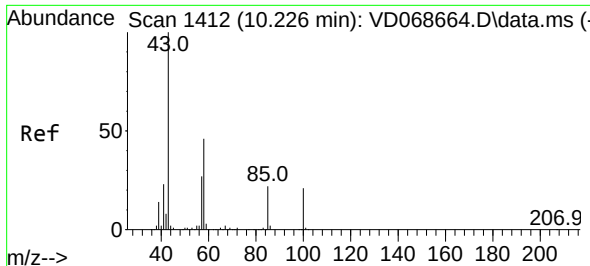
Delta R.T. -0.006 min

Lab File: VD068661.D

Acq: 19 Mar 2021 12:41

Tgt Ion:	98	Resp:	60813
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6





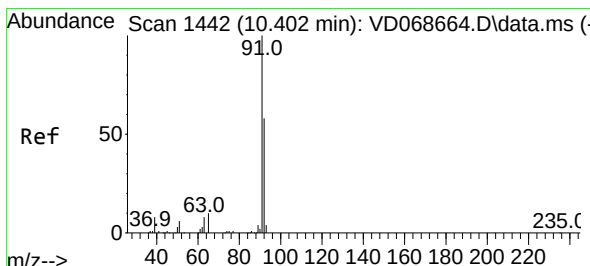
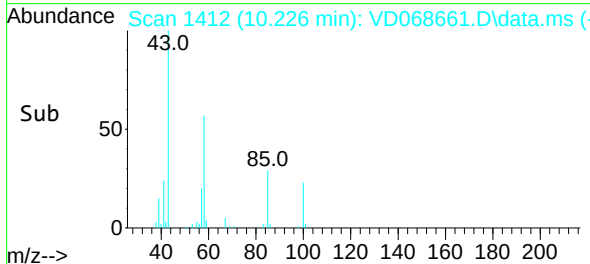
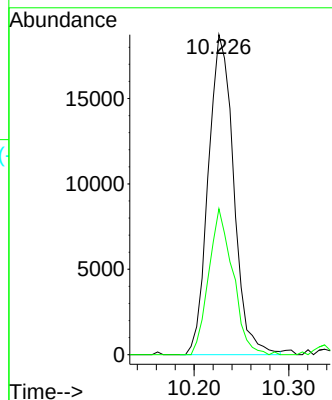
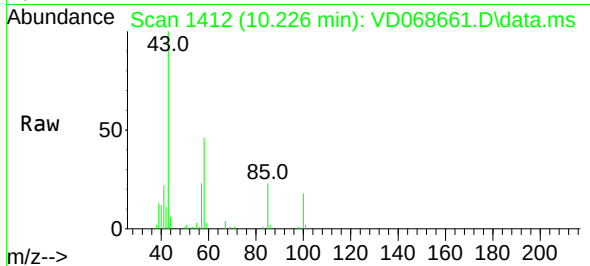
#51
4-Methyl-2-Pentanone
Concen: 20.89 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 43 Resp: 34894
Ion Ratio Lower Upper
43 100
58 43.5 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

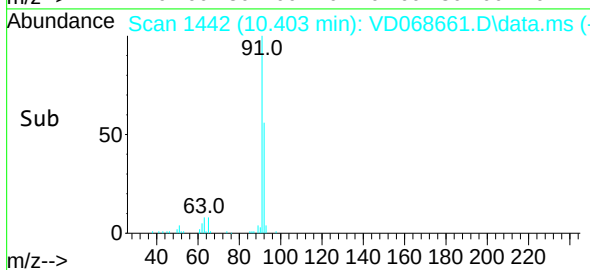
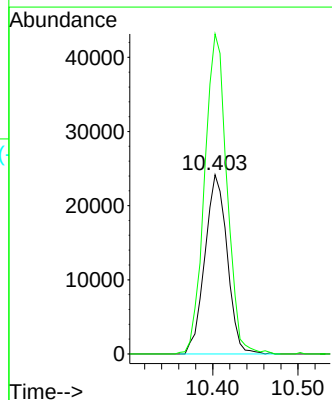
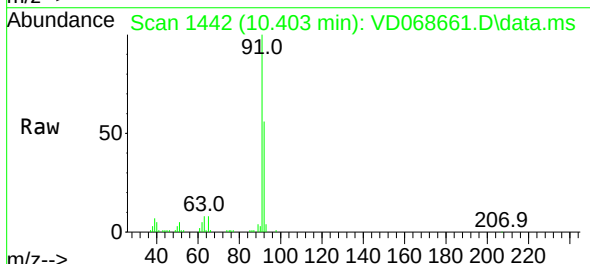
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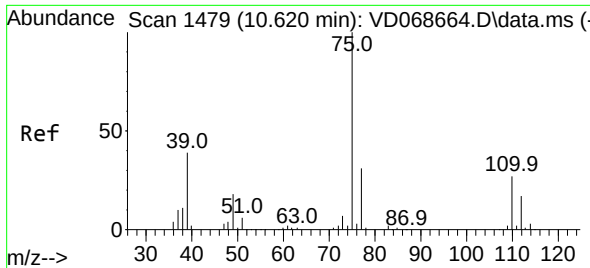
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#52
Toluene
Concen: 4.49 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 92 Resp: 43951
Ion Ratio Lower Upper
92 100
91 178.8 139.1 208.7





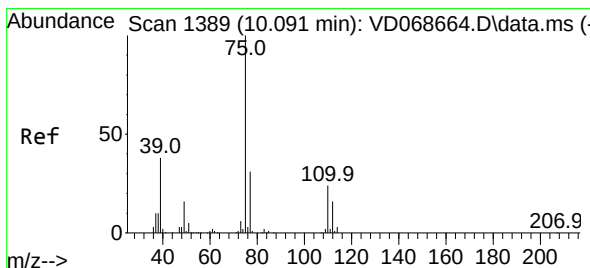
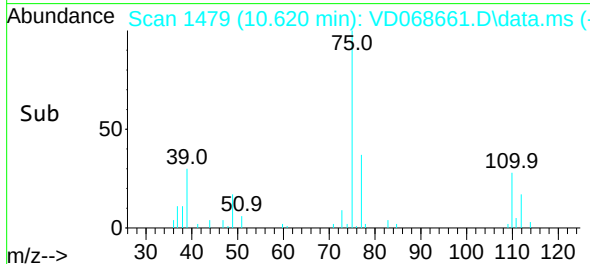
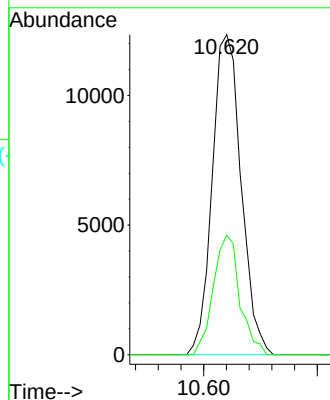
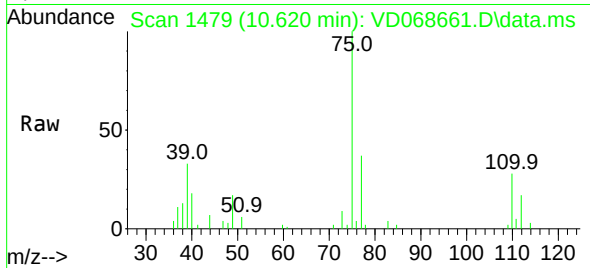
#53
t-1,3-Dichloropropene
Concen: 4.42 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 75 Resp: 21799
Ion Ratio Lower Upper
75 100
77 37.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

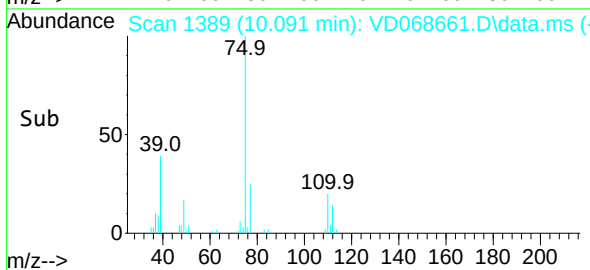
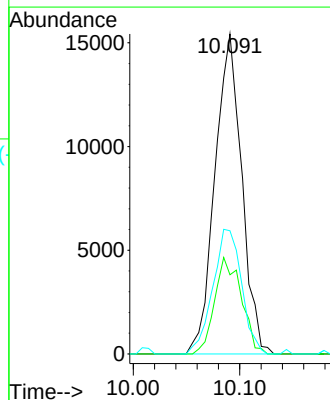
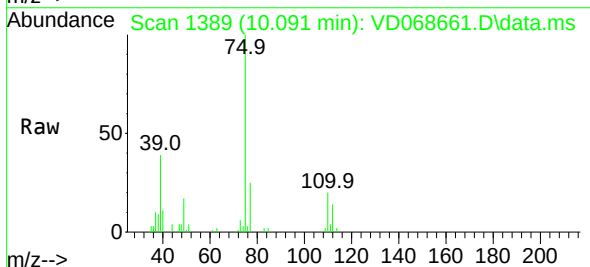
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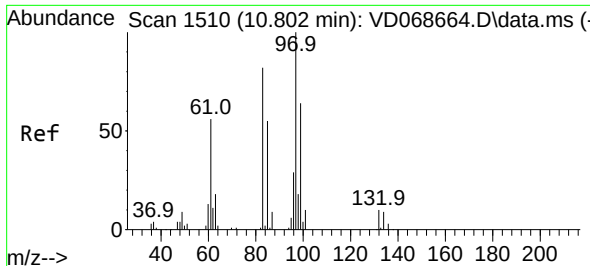
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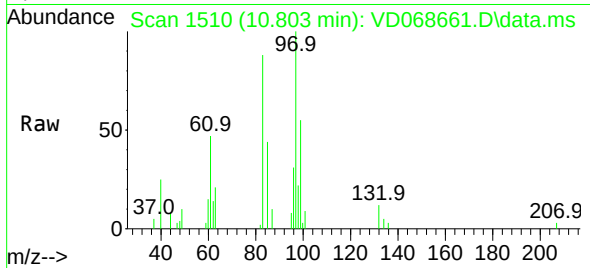
#54
cis-1,3-Dichloropropene
Concen: 4.57 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 75 Resp: 26923
Ion Ratio Lower Upper
75 100
77 24.7 24.7 37.1
39 38.5 30.2 45.2

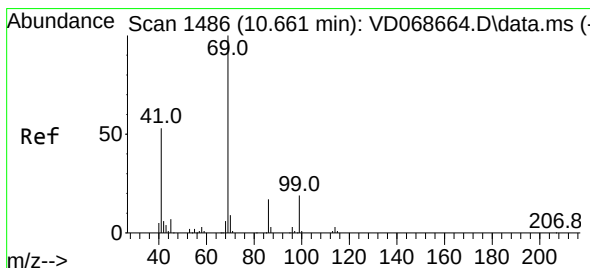
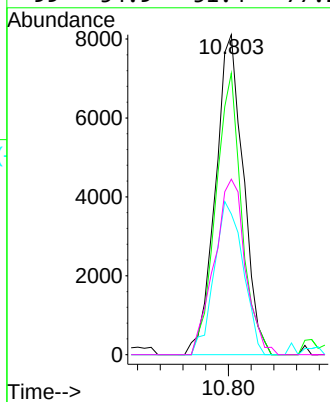
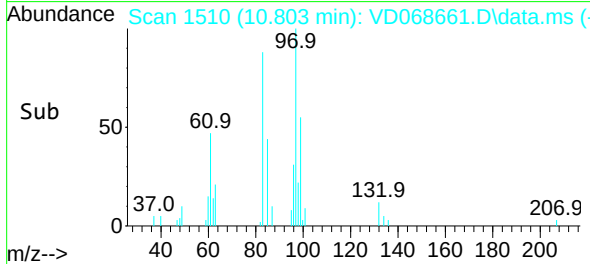




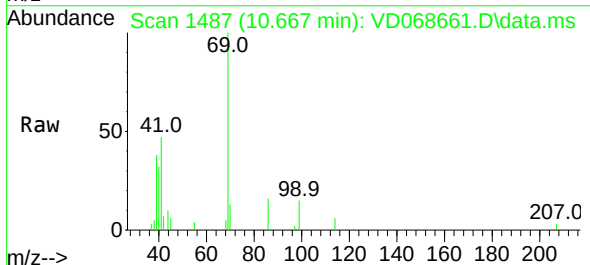
#55
1,1,2-Trichloroethane
Concen: 4.70 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



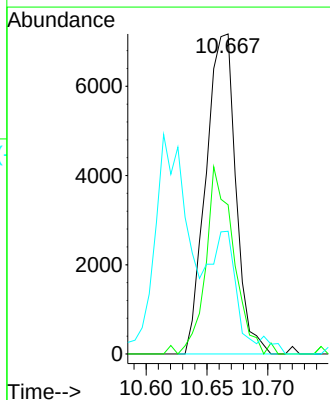
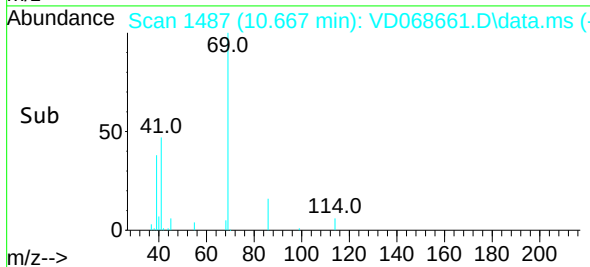
Tgt Ion:	97	Resp:	13813
Ion	Ratio	Lower	Upper
97	100		
83	87.9	65.7	98.5
85	44.0	44.3	66.5#
99	54.9	51.4	77.2



#56
Ethyl methacrylate
Concen: 3.84 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



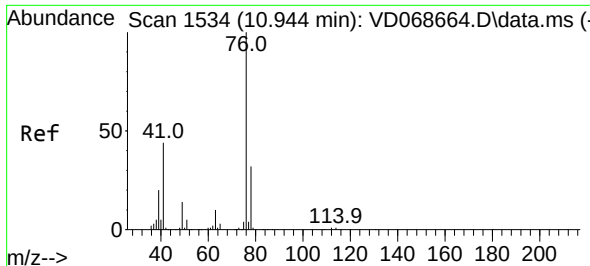
Tgt Ion:	69	Resp:	12268
Ion	Ratio	Lower	Upper
69	100		
41	54.6	42.2	63.4
39	25.5	24.2	36.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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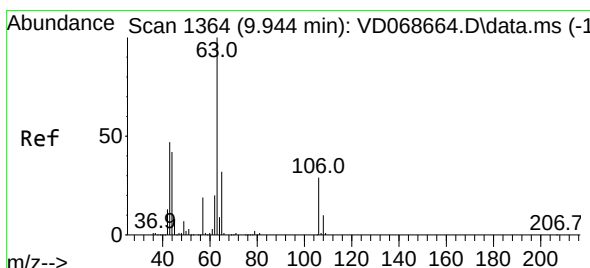
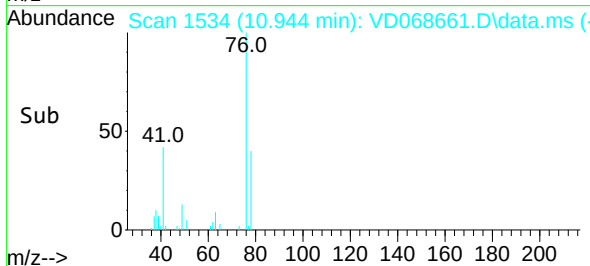
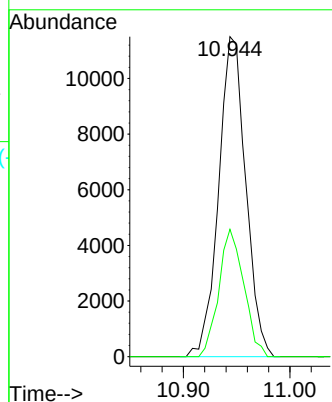
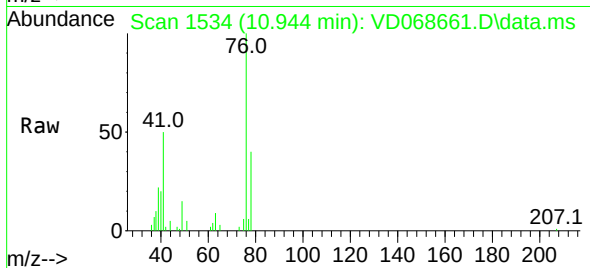
#57
1,3-Dichloropropane
Concen: 4.16 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 76 Resp: 20330
Ion Ratio Lower Upper
76 100
78 36.7 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

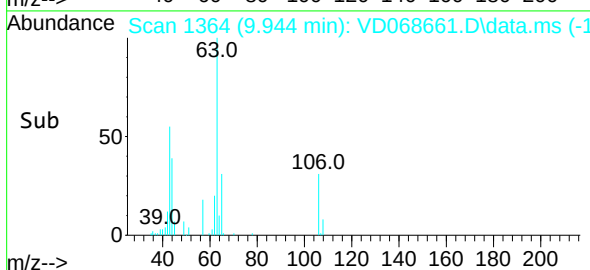
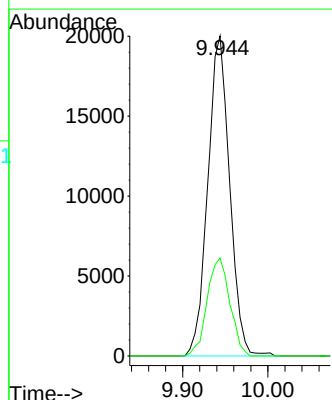
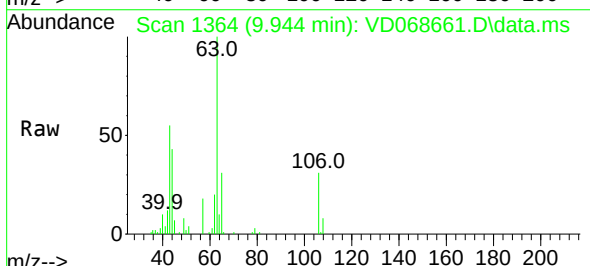
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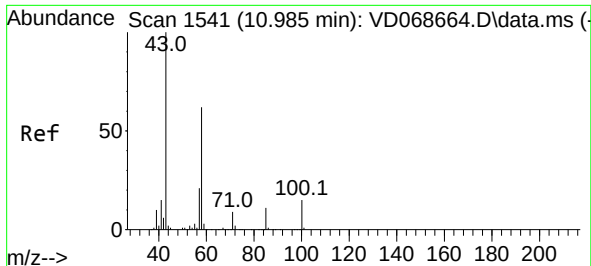
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#58
2-Chloroethyl Vinyl ether
Concen: 22.16 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 63 Resp: 35631
Ion Ratio Lower Upper
63 100
106 31.8 24.6 36.8





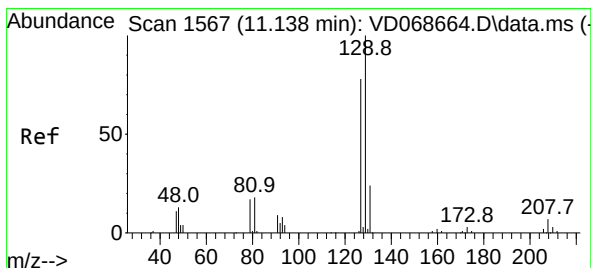
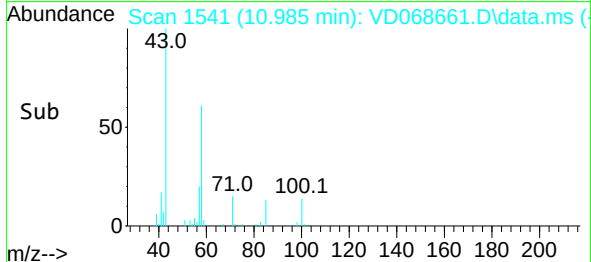
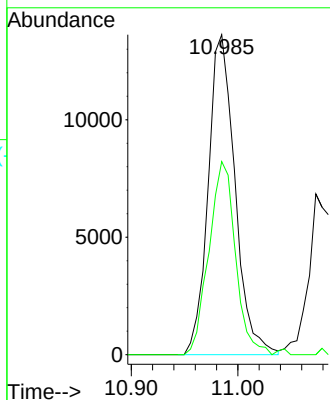
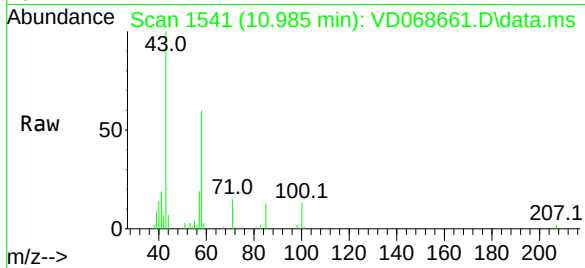
#59
2-Hexanone
Concen: 21.33 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 43 Resp: 23790
Ion Ratio Lower Upper
43 100
58 59.8 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

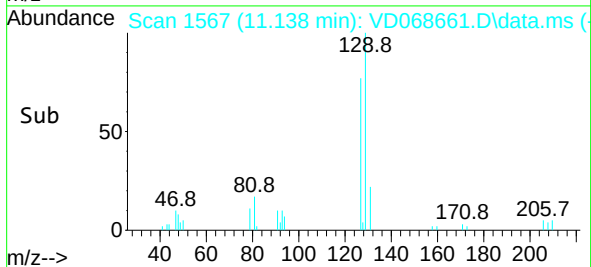
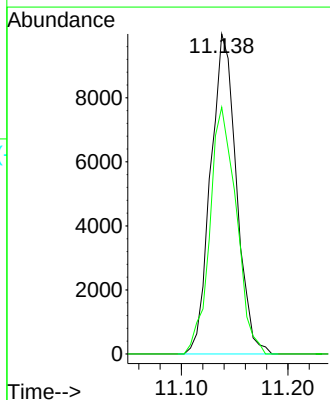
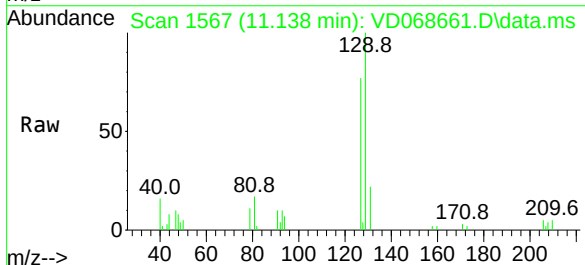
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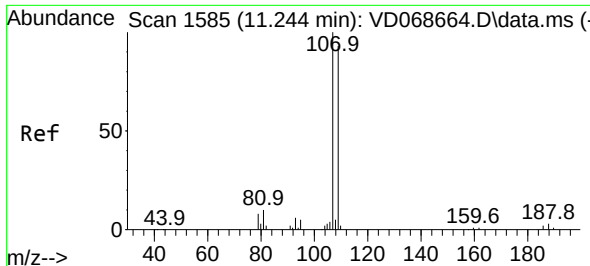
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#60
Dibromochloromethane
Concen: 4.56 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

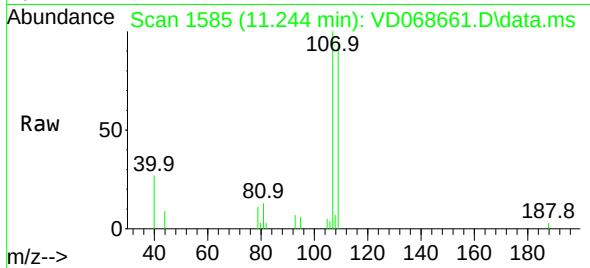
Tgt Ion: 129 Resp: 16767
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 4.65 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

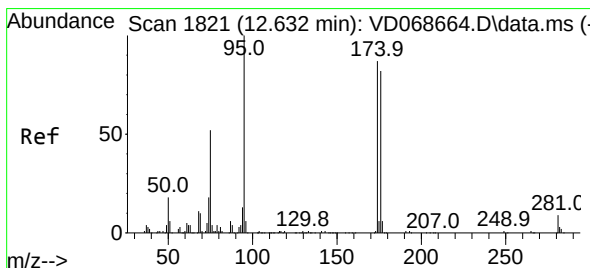
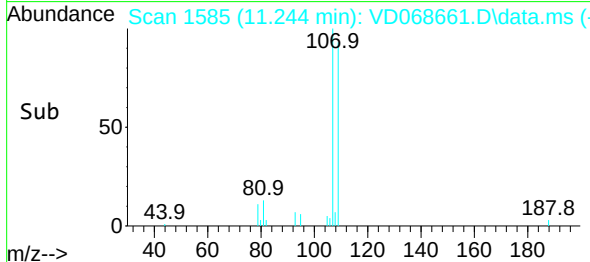
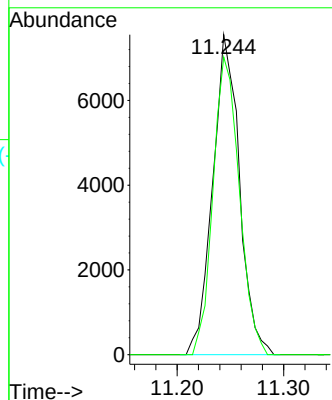
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



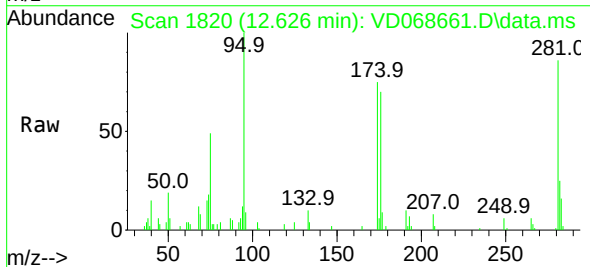
Tgt Ion:107 Resp: 13163
Ion Ratio Lower Upper
107 100
109 91.6 74.9 112.3

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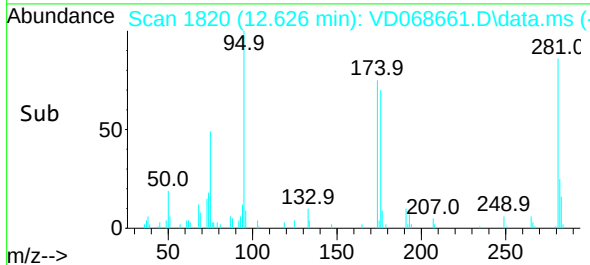
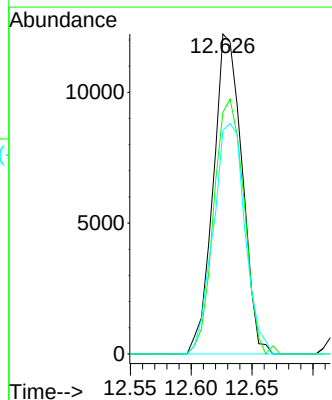
MMDadoda
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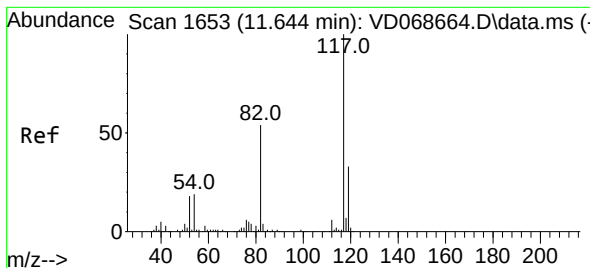


#62
4-Bromofluorobenzene
Concen: 4.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



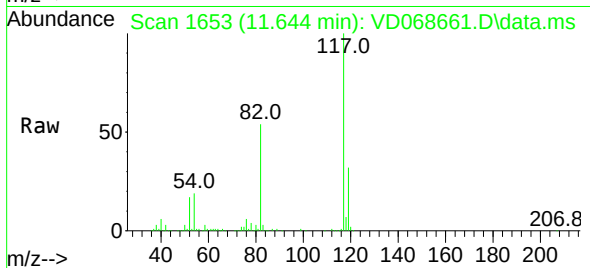
Tgt Ion: 95 Resp: 20087
Ion Ratio Lower Upper
95 100
174 83.3 0.0 168.0
176 79.1 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

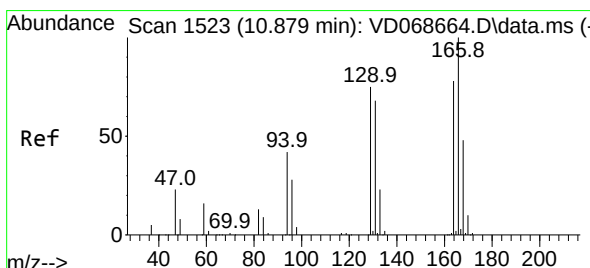
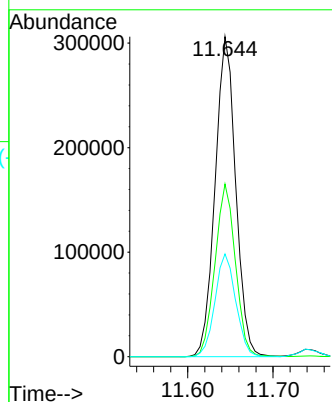
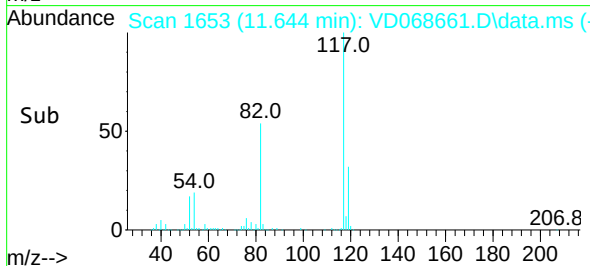
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



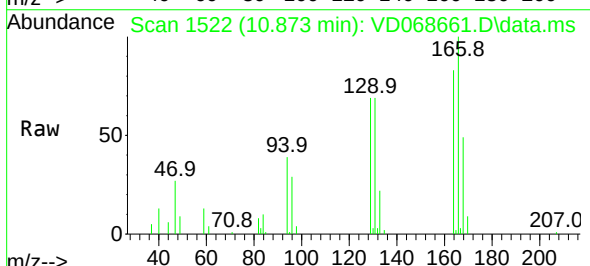
Tgt Ion:117 Resp: 514399
Ion Ratio Lower Upper
117 100
82 54.0 43.5 65.3
119 32.1 26.7 40.1

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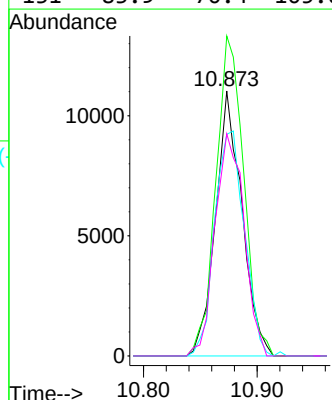
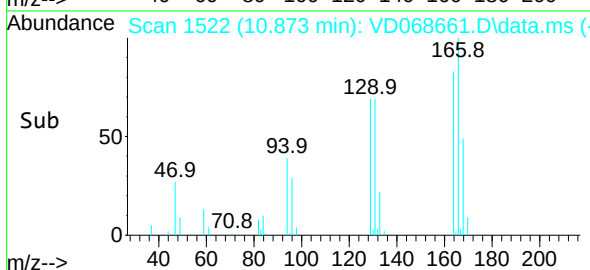
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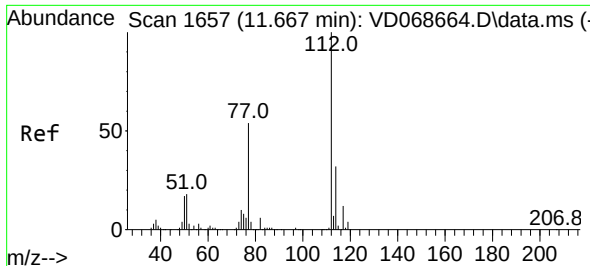


#64
Tetrachloroethene
Concen: 5.19 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



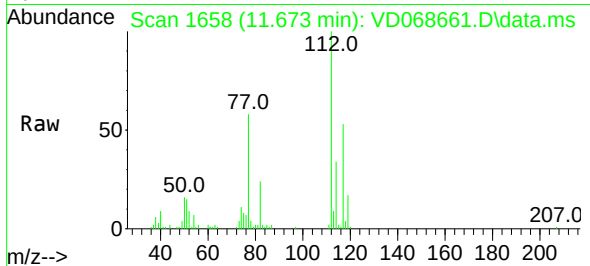
Tgt Ion:164 Resp: 17805
Ion Ratio Lower Upper
164 100
166 120.8 103.0 154.6
129 83.6 77.4 116.0
131 83.9 70.4 105.6





#65
Chlorobenzene
Concen: 4.66 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

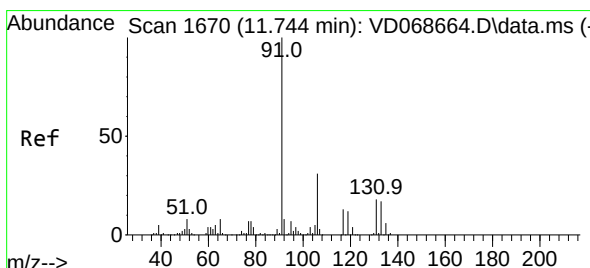
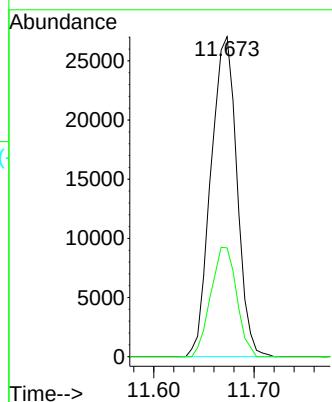
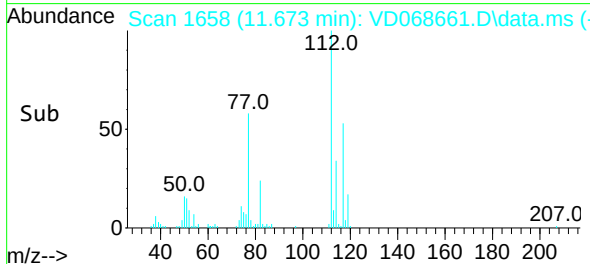
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



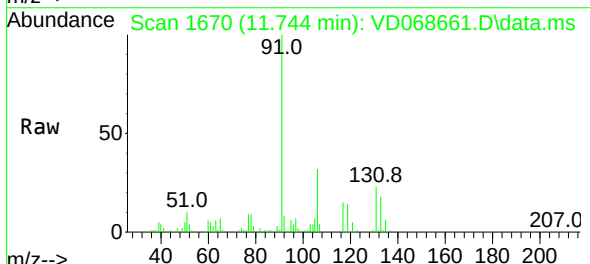
Tgt Ion:112 Resp: 48832
Ion Ratio Lower Upper
112 100
114 34.0 25.2 37.8

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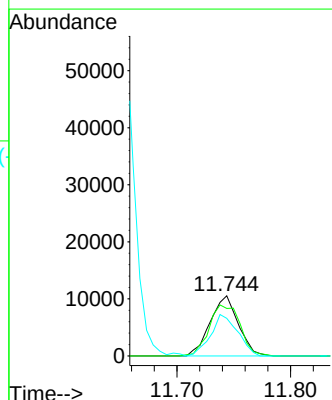
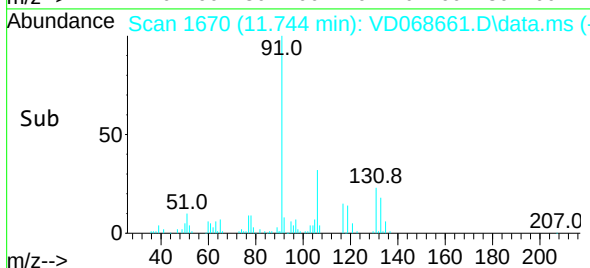
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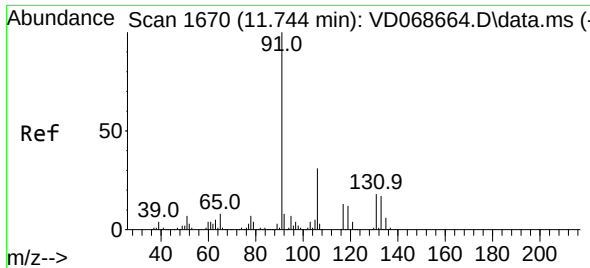


#66
1,1,1,2-Tetrachloroethane
Concen: 4.82 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion:131 Resp: 18144
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.2
119 66.1 32.8 98.3





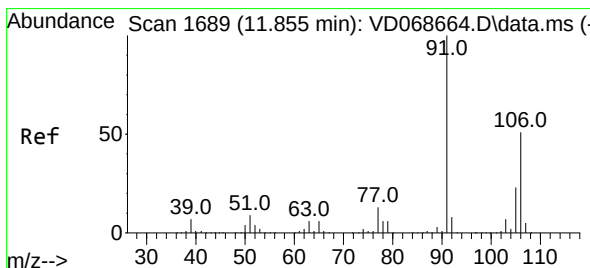
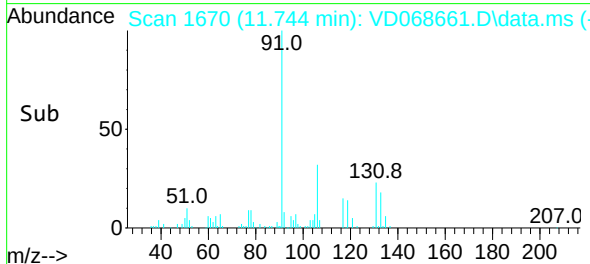
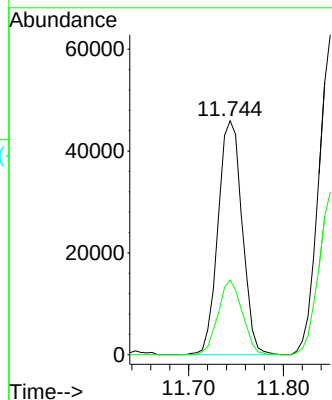
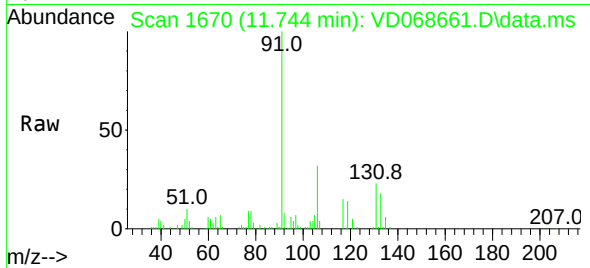
#67
Ethyl Benzene
Concen: 4.47 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 91 Resp: 81259
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

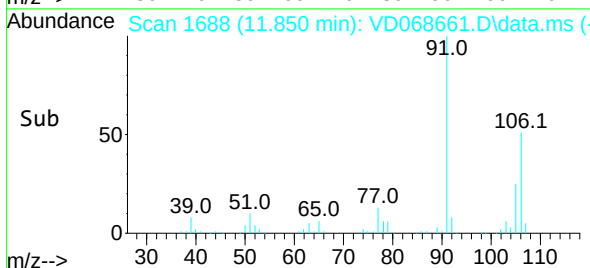
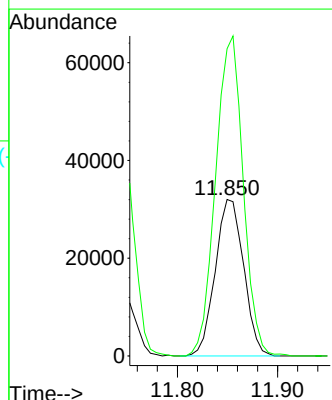
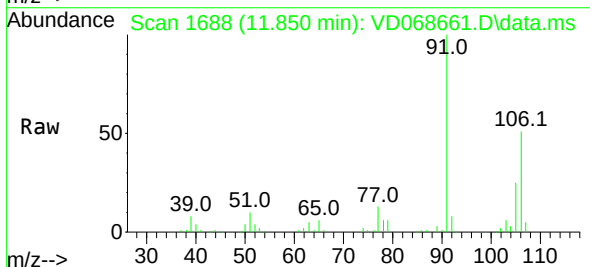
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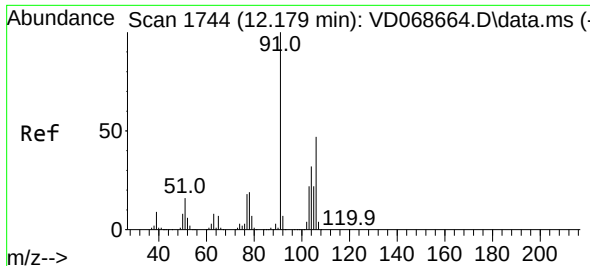
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#68
m/p-Xylenes
Concen: 8.94 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:106 Resp: 62931
Ion Ratio Lower Upper
106 100
91 198.6 158.6 238.0





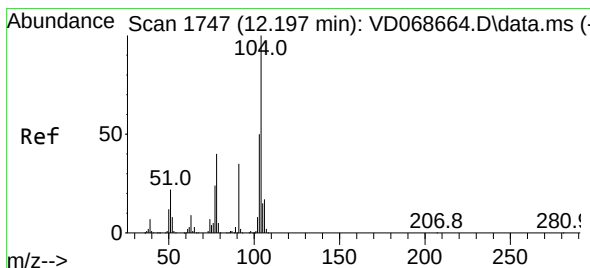
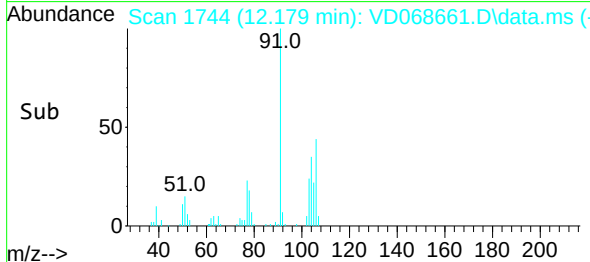
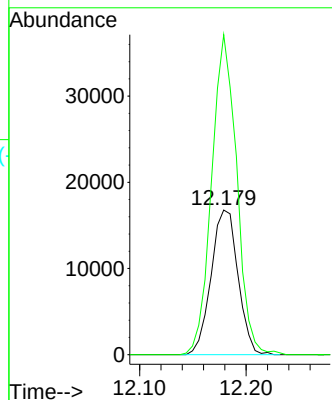
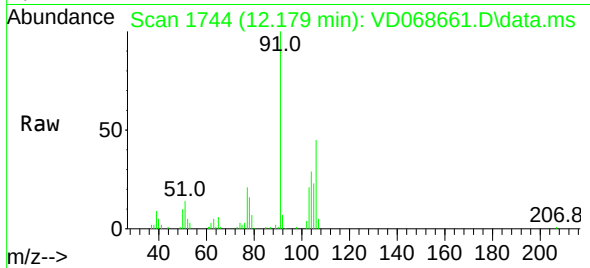
#69
o-Xylene
Concen: 4.56 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:106 Resp: 29399
Ion Ratio Lower Upper
106 100
91 206.2 105.0 315.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

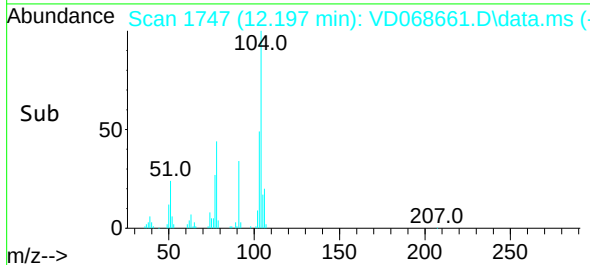
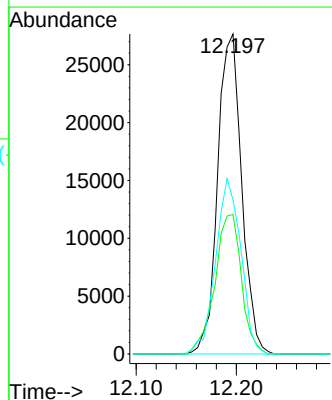
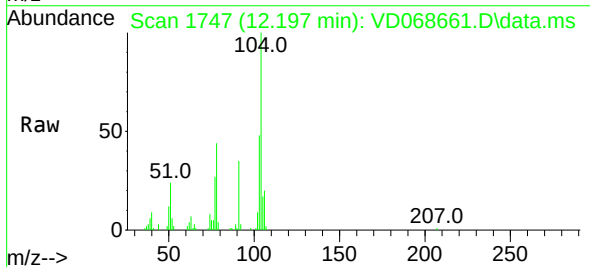
Manual Integrations
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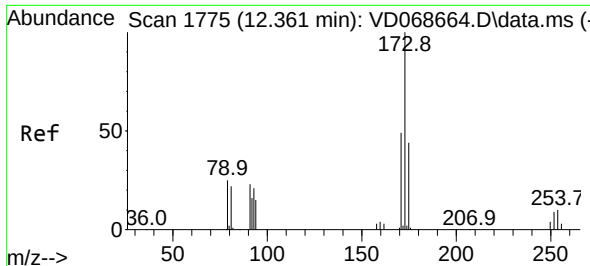
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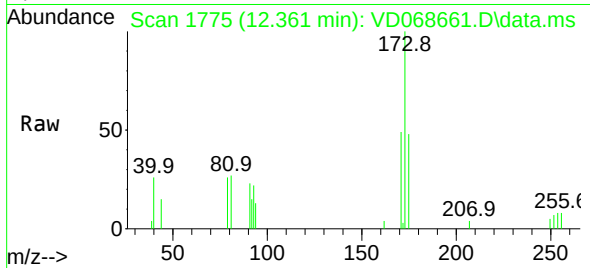
#70
Styrene
Concen: 4.09 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:104 Resp: 46162
Ion Ratio Lower Upper
104 100
78 48.2 36.9 55.3
103 57.7 44.3 66.5

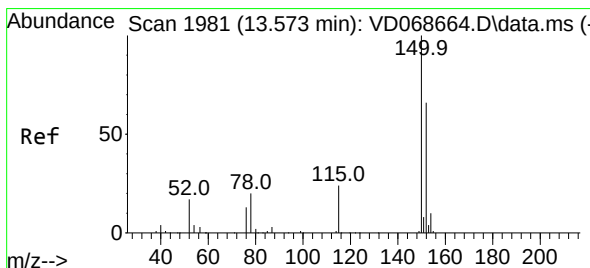
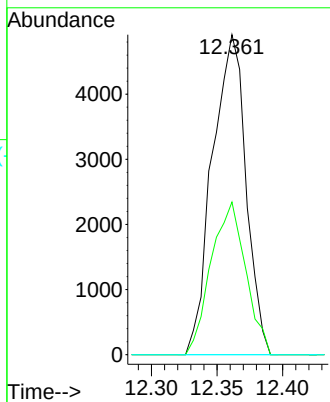
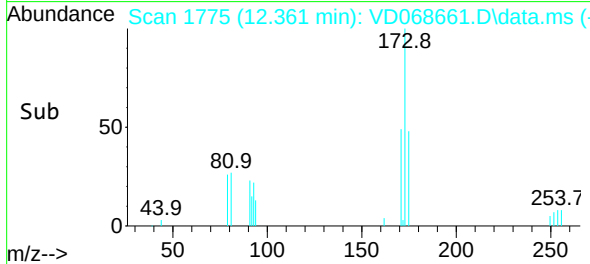




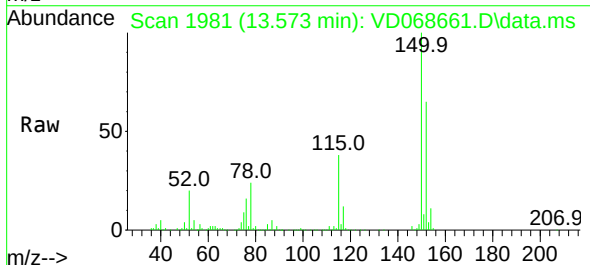
#71
Bromoform
Concen: 4.40 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



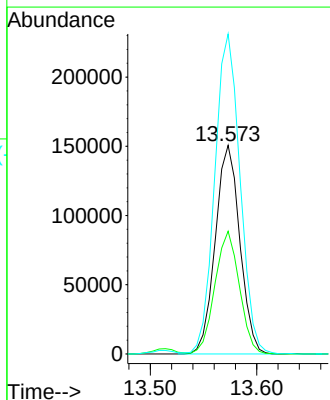
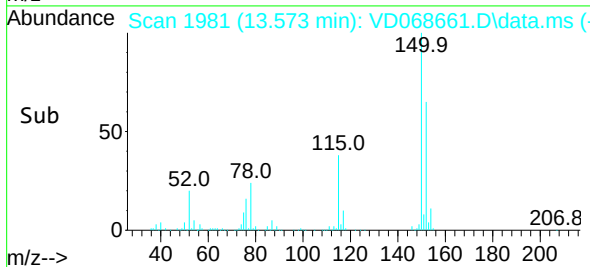
Tgt Ion:173 Resp: 8766
Ion Ratio Lower Upper
173 100
175 49.2 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



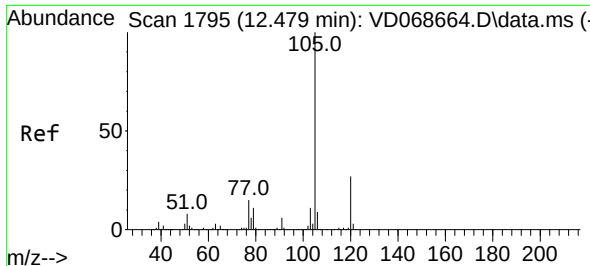
Tgt Ion:152 Resp: 241101
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 158.0 0.0 347.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

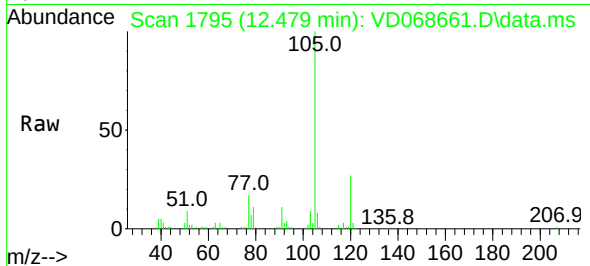
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#73
Isopropylbenzene
Concen: 4.60 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

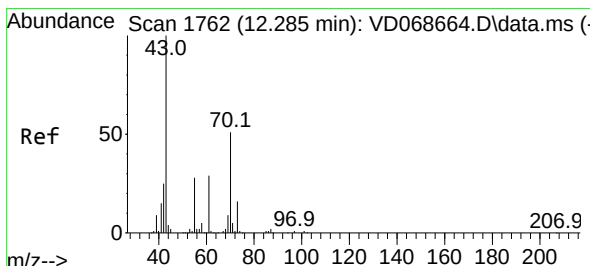
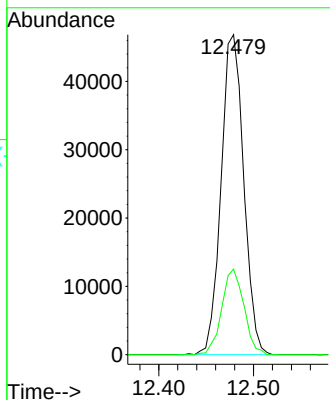
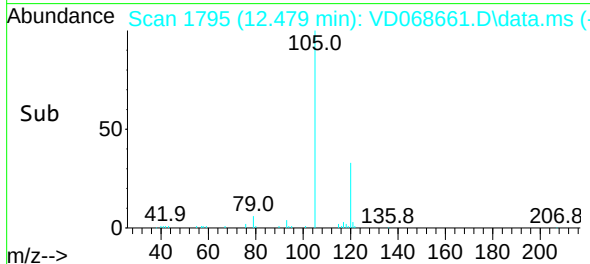
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



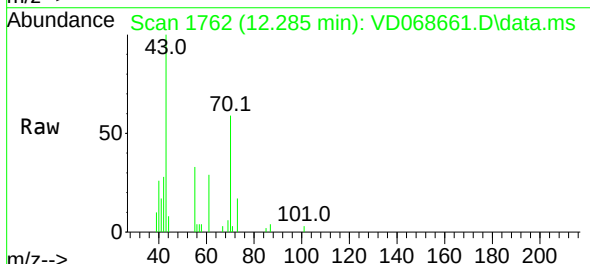
Tgt Ion: 105 Resp: 77737
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

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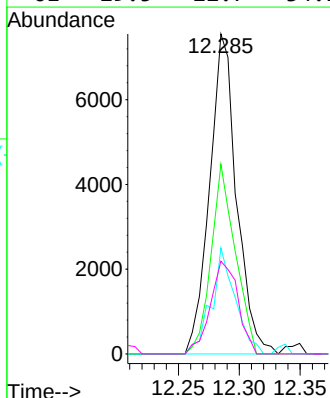
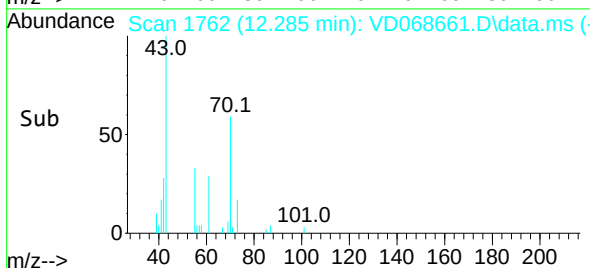
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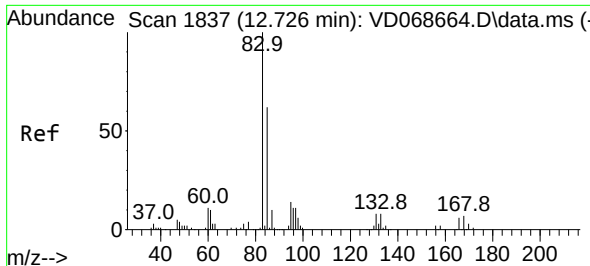


#74
N-ethyl acetate
Concen: 4.08 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

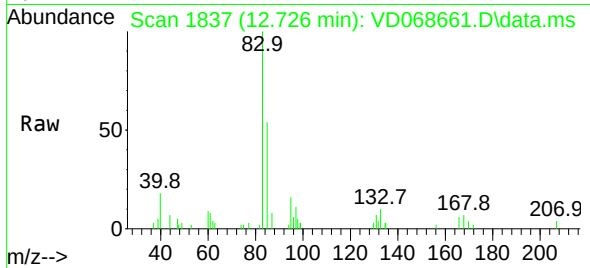


Tgt Ion: 43 Resp: 11651
Ion Ratio Lower Upper
43 100
70 53.1 41.9 62.9
55 29.5 22.8 34.2
61 29.5 22.7 34.1

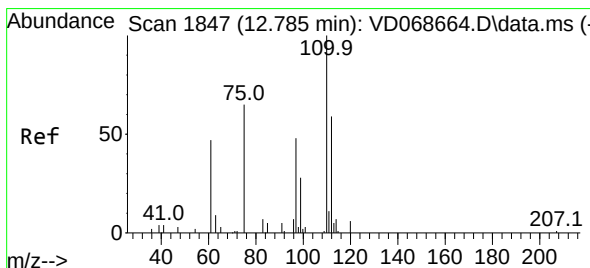
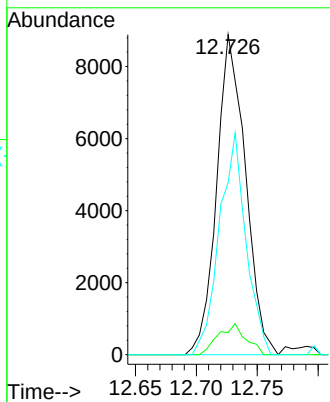
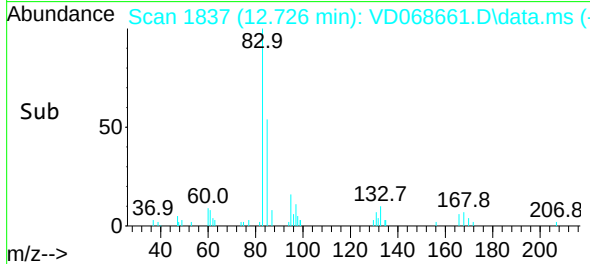




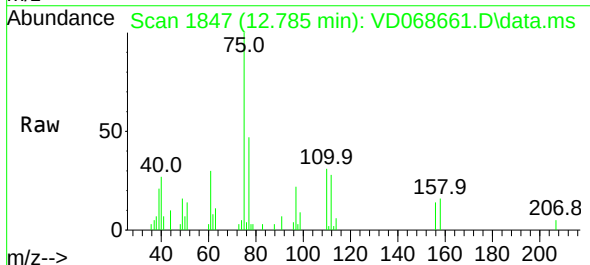
#75
1,1,2,2-Tetrachloroethane
Concen: 4.82 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



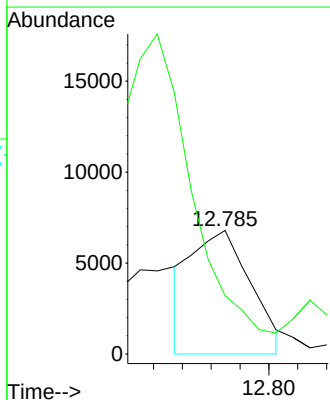
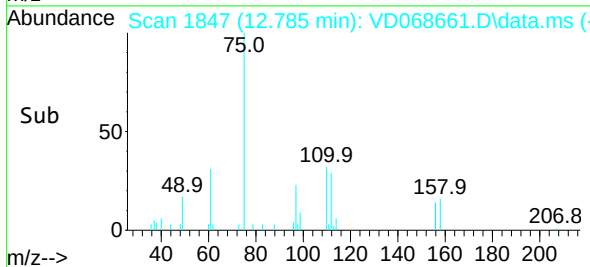
Tgt Ion: 83 Resp: 14636
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 4.79 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



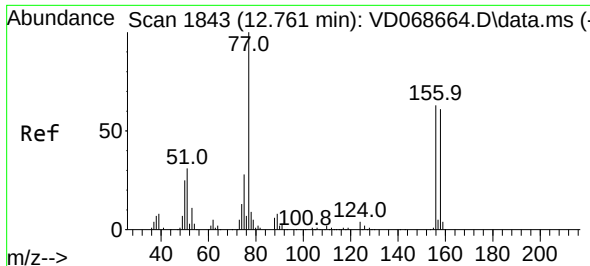
Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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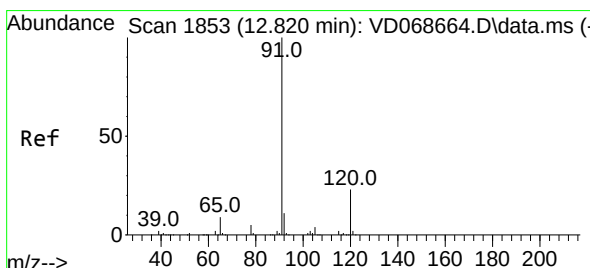
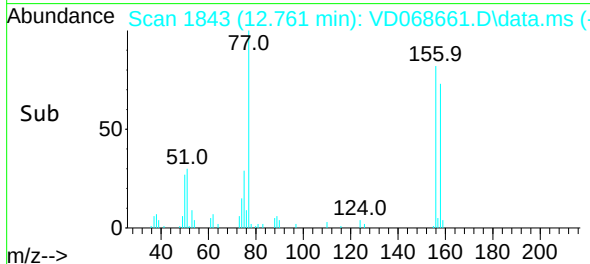
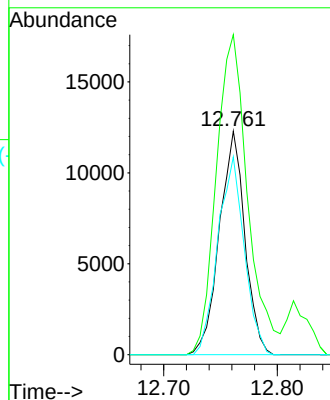
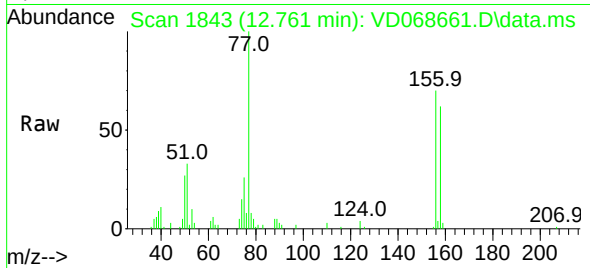
#77
Bromobenzene
Concen: 4.83 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion	Ratio	Lower	Upper
156	100		
77	176.3	88.9	266.8
158	91.6	47.7	143.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

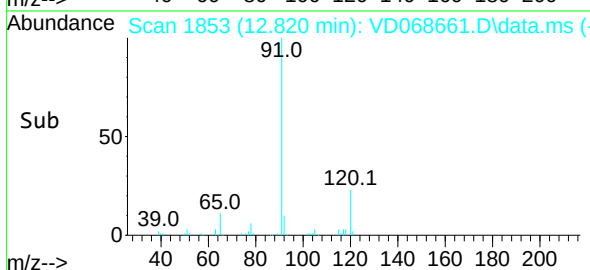
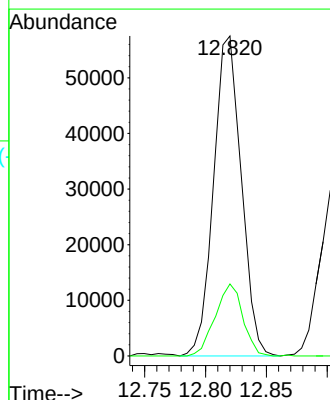
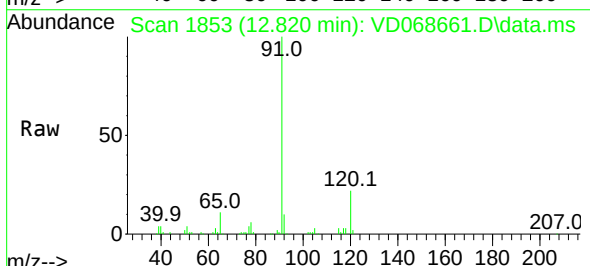
Manual Integrations
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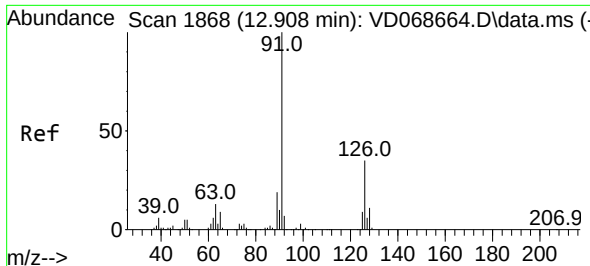
MMDadoda
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#78
n-propylbenzene
Concen: 4.53 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

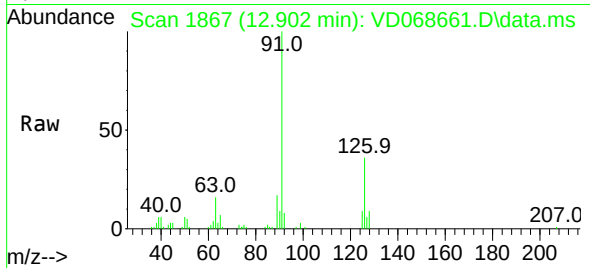
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.2





#79
2-Chlorotoluene
Concen: 4.59 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

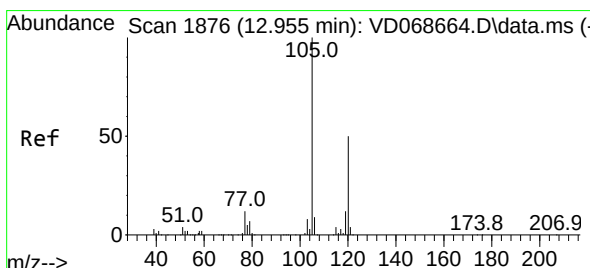
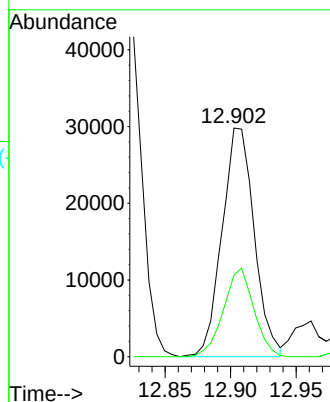
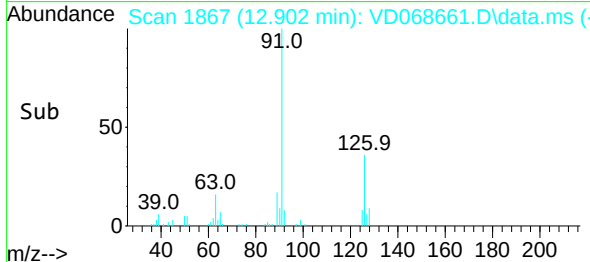
Instrument :
MSVOA_D
ClientSampleID :
VSTDIC005



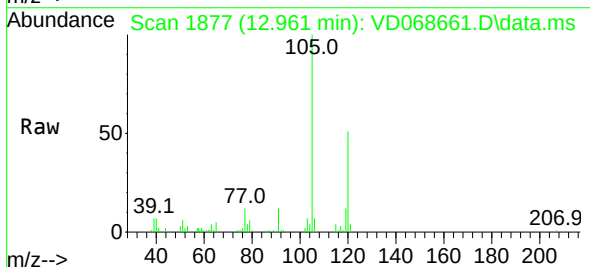
Tgt Ion: 91 Resp: 50928
Ion Ratio Lower Upper
91 100
126 36.4 17.1 51.3

Manual Integrations
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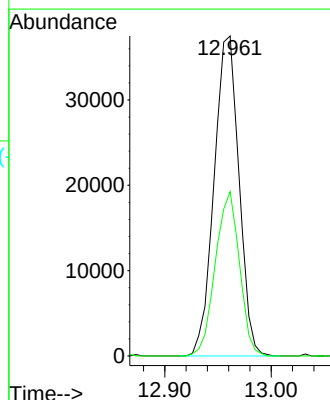
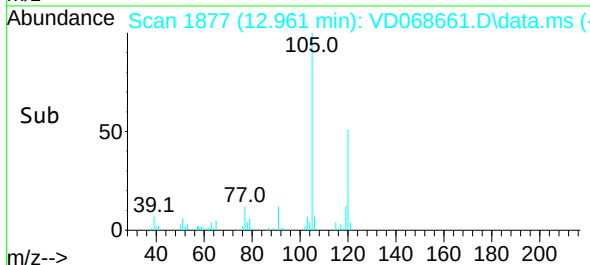
MMDadoda
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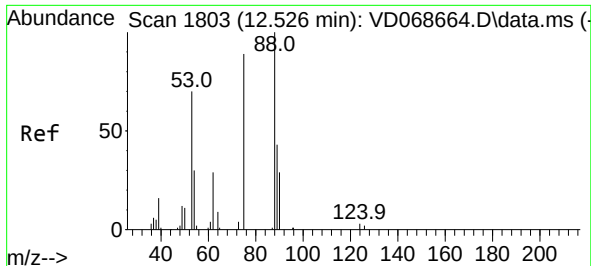


#80
1,3,5-Trimethylbenzene
Concen: 4.43 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion: 105 Resp: 60817
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





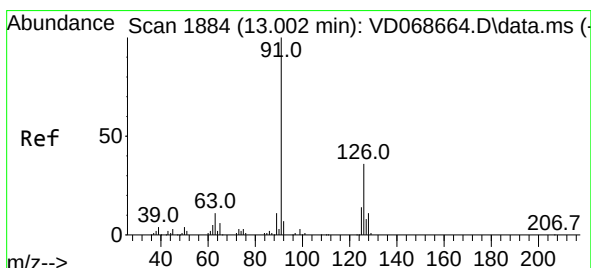
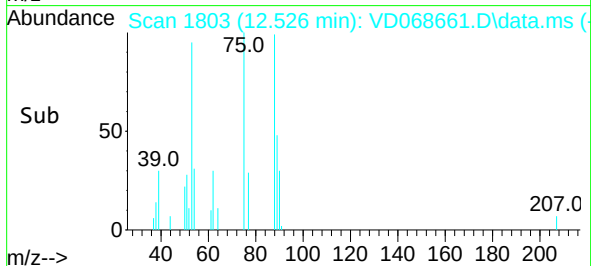
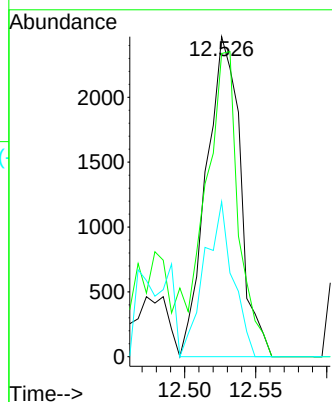
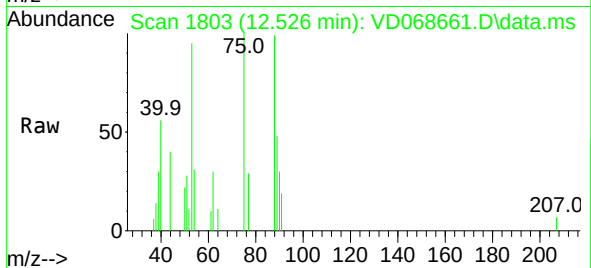
#81
trans-1,4-Dichloro-2-butene
Concen: 4.45 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion: 75 Resp: 4107
Ion Ratio Lower Upper
75 100
53 89.0 66.8 100.2
89 40.5 36.6 54.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

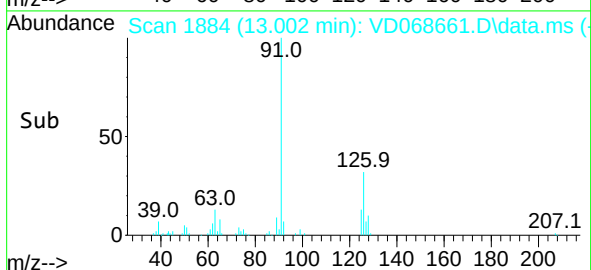
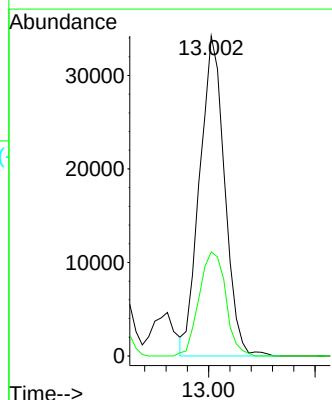
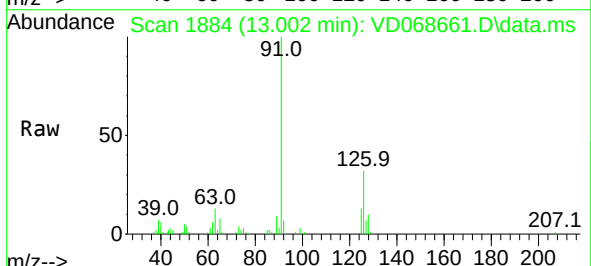
Manual Integrations
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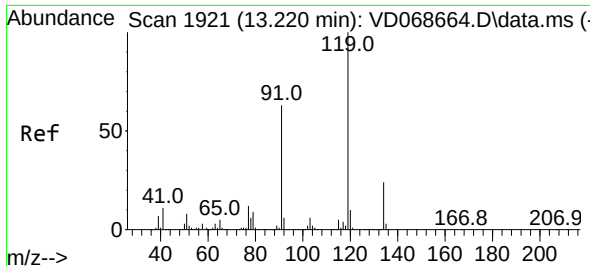
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#82
4-Chlorotoluene
Concen: 4.72 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

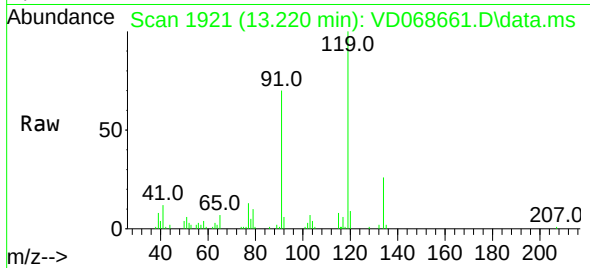
Tgt Ion: 91 Resp: 55597
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5





#83
tert-Butylbenzene
Concen: 4.36 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

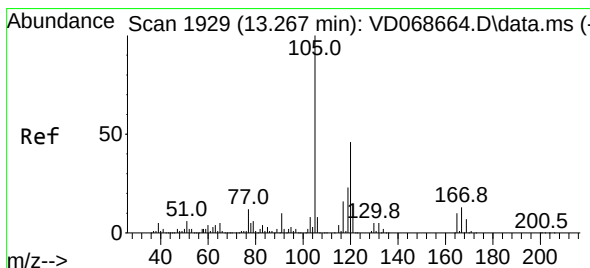
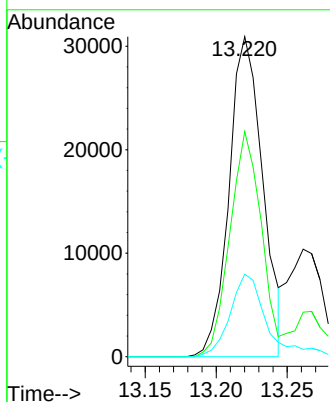
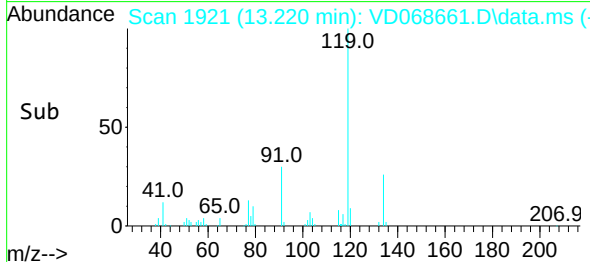
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



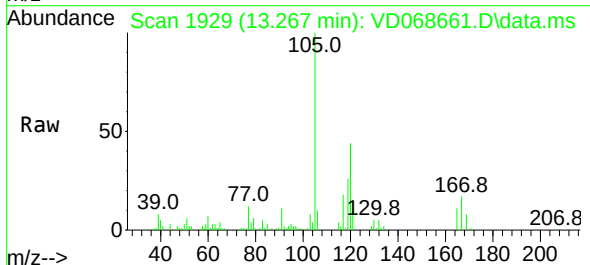
Tgt Ion:119 Resp: 50958
Ion Ratio Lower Upper
119 100
91 67.1 31.6 95.0
134 27.8 13.4 40.2

Manual Integrations
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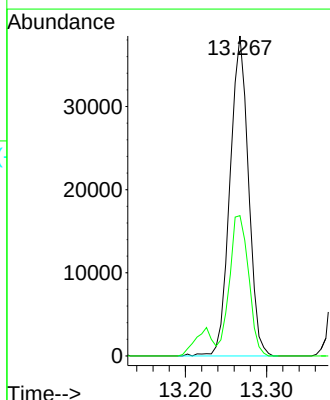
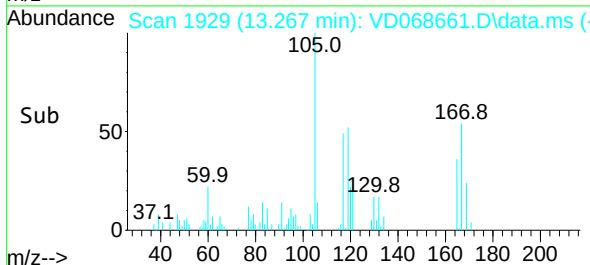
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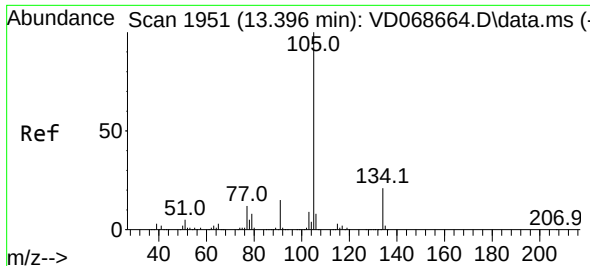


#84
1,2,4-Trimethylbenzene
Concen: 4.27 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



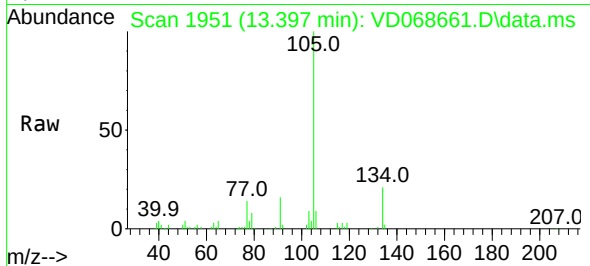
Tgt Ion:105 Resp: 60793
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 4.53 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068661.D
 Acq: 19 Mar 2021 12:41

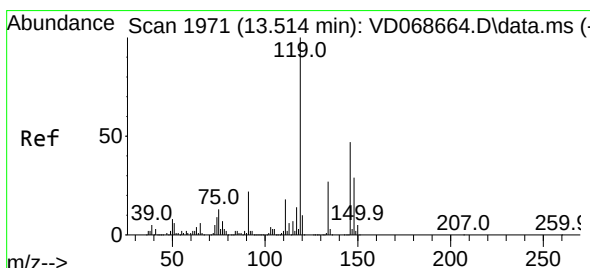
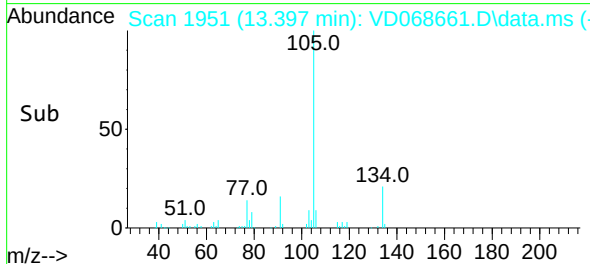
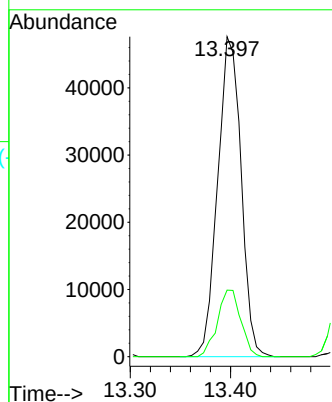
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



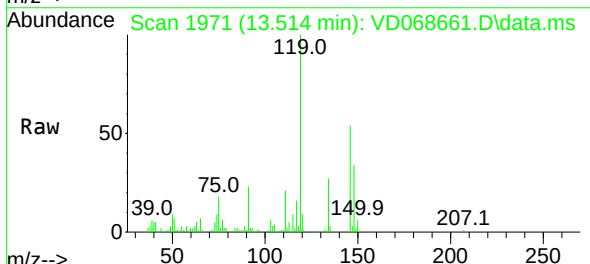
Tgt Ion:105 Resp: 77024
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 29.8

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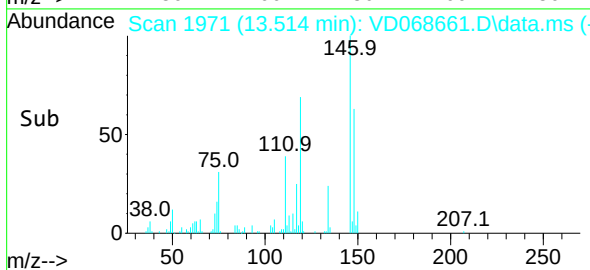
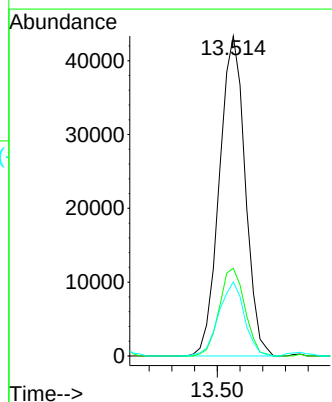
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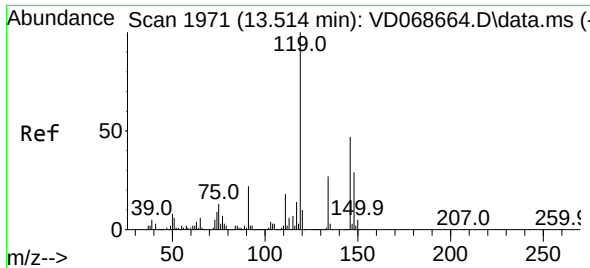


#86
 p-Isopropyltoluene
 Concen: 4.45 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068661.D
 Acq: 19 Mar 2021 12:41



Tgt Ion:119 Resp: 68231
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 22.9 11.1 33.1





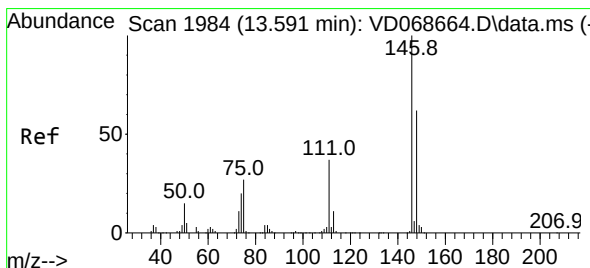
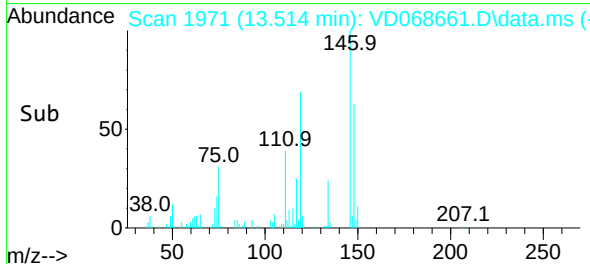
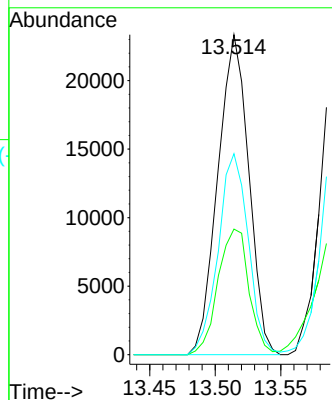
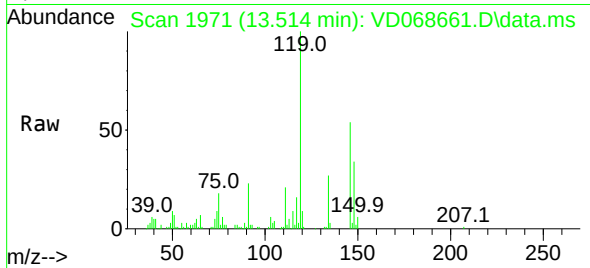
#87
1,3-Dichlorobenzene
Concen: 4.85 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	146	Resp:	38296
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.3	57.8
148	61.2	30.9	92.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

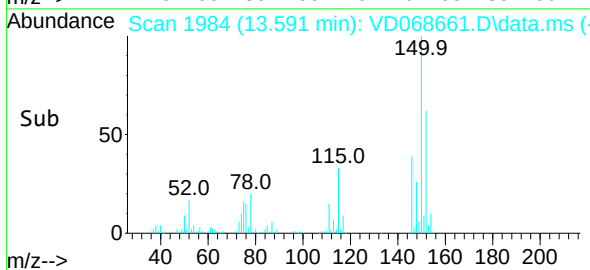
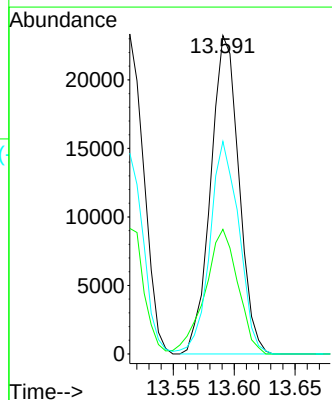
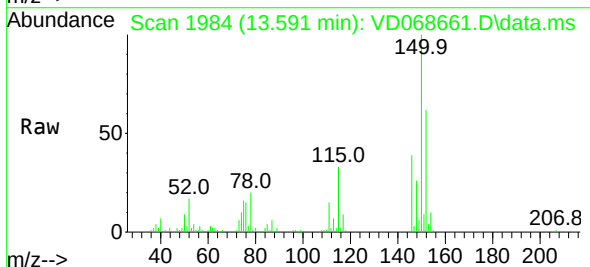
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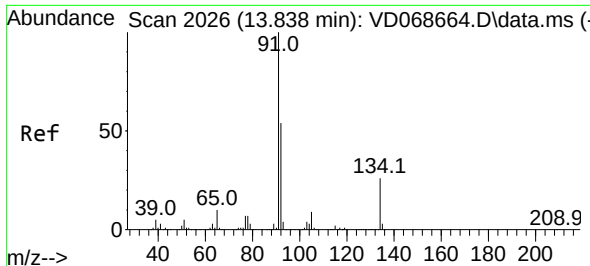
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#88
1,4-Dichlorobenzene
Concen: 4.77 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

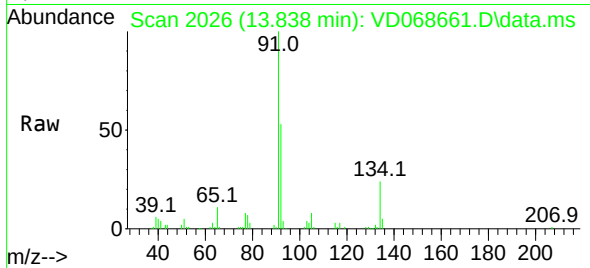
Tgt Ion:	146	Resp:	37541
Ion Ratio	Lower	Upper	
146	100		
111	45.7	19.1	57.1
148	68.6	31.6	95.0





#89
n-Butylbenzene
Concen: 4.55 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

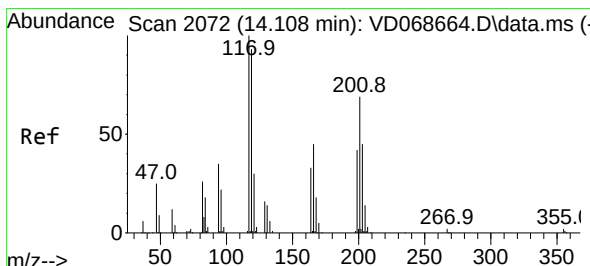
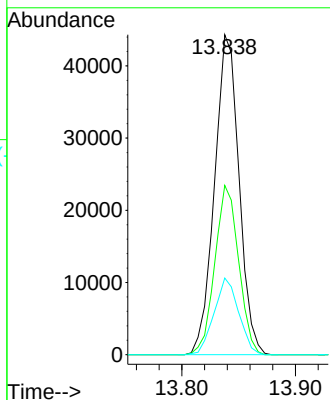
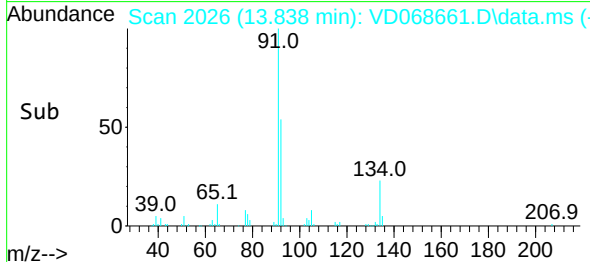
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



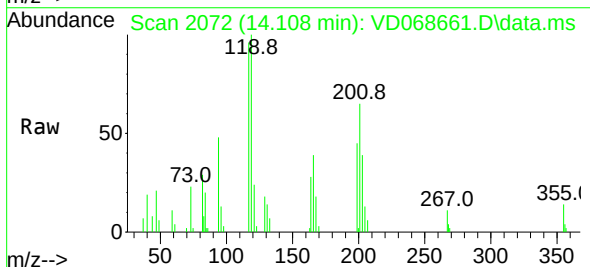
Tgt Ion: 91 Resp: 66475
Ion Ratio Lower Upper
91 100
92 51.3 26.7 80.1
134 24.0 12.9 38.6

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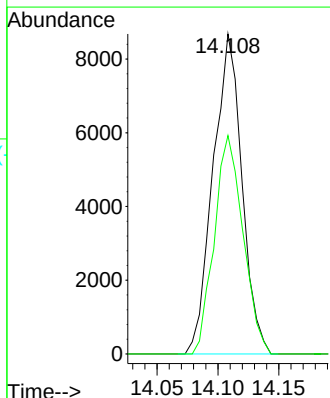
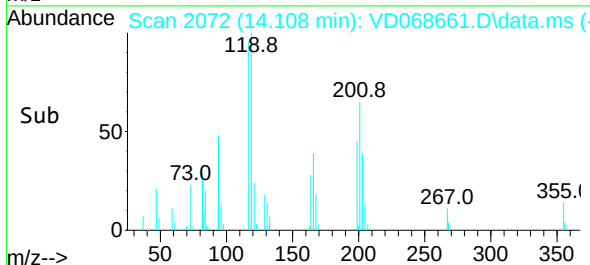
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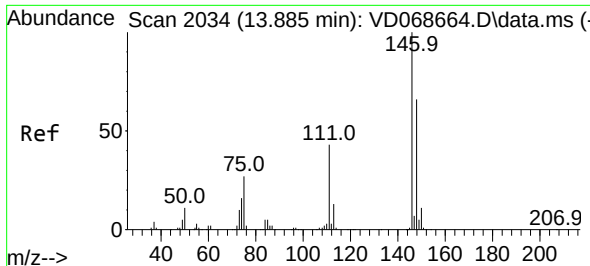


#90
Hexachloroethane
Concen: 5.38 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



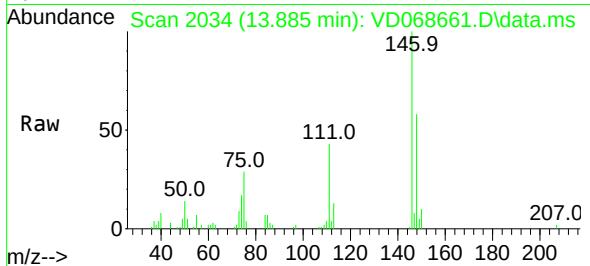
Tgt Ion: 117 Resp: 14340
Ion Ratio Lower Upper
117 100
201 67.9 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 4.79 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

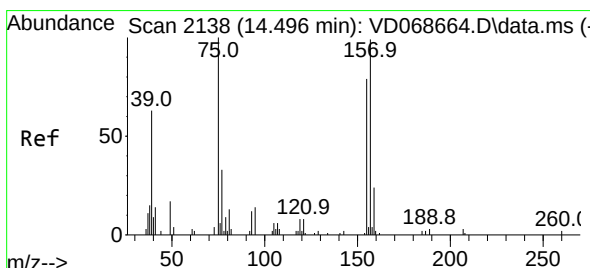
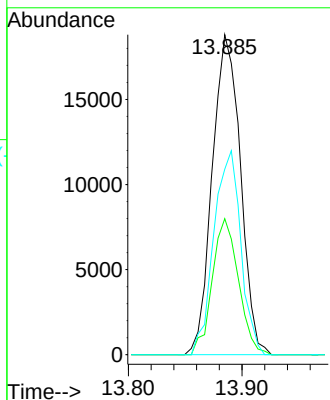
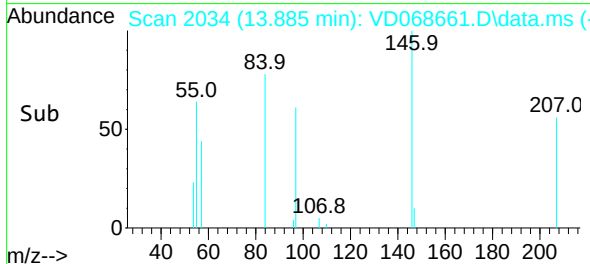
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



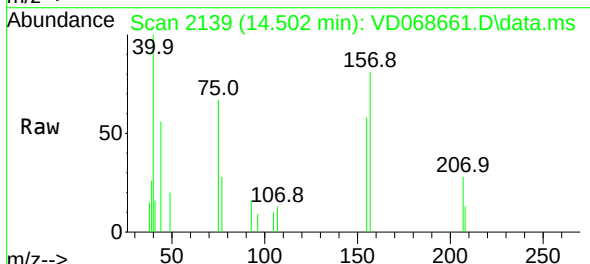
Tgt Ion:146 Resp: 32421
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 61.1 32.2 96.6

Manual Integrations
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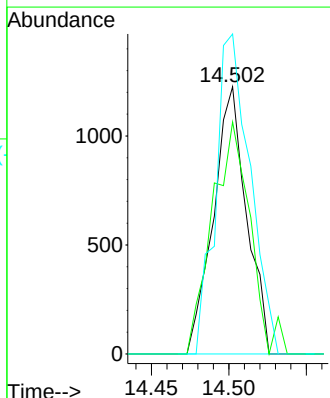
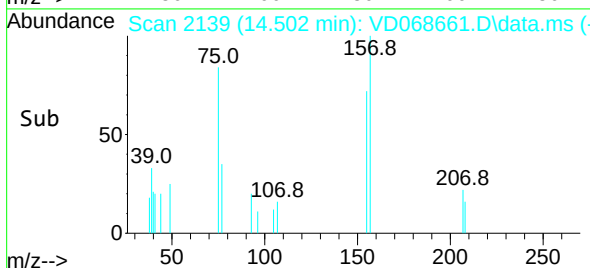
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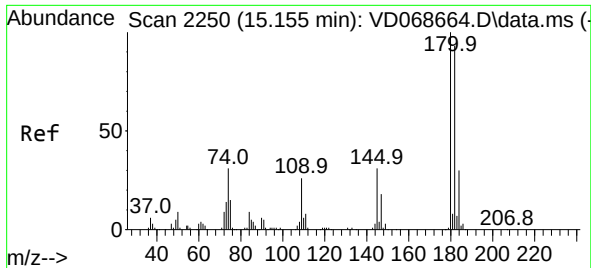


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.07 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41



Tgt Ion: 75 Resp: 1822
Ion Ratio Lower Upper
75 100
155 99.2 46.8 140.3
157 124.6 59.8 179.3





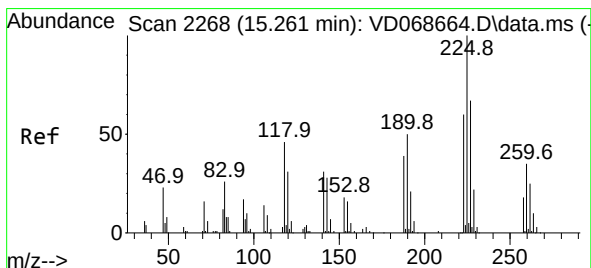
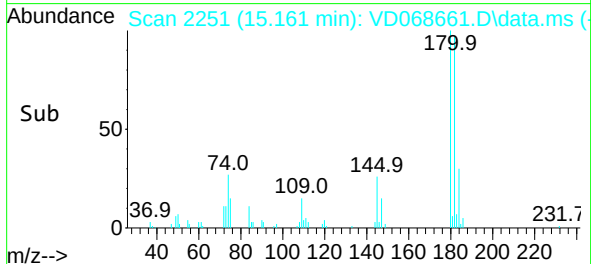
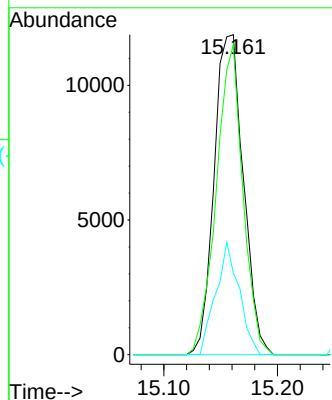
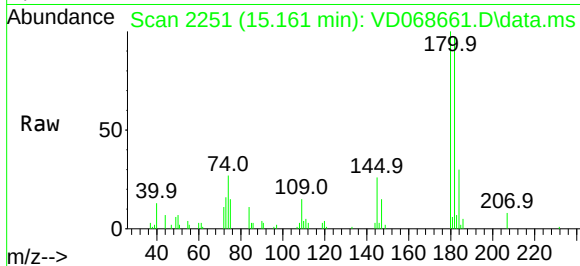
#93
1,2,4-Trichlorobenzene
Concen: 4.92 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	180	Resp:	21206
Ion Ratio	Lower	Upper	
180	100		
182	88.3	47.9	143.8
145	28.2	15.2	45.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

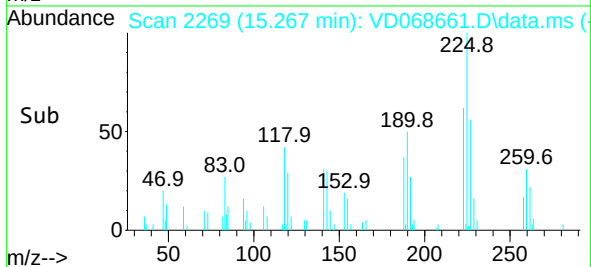
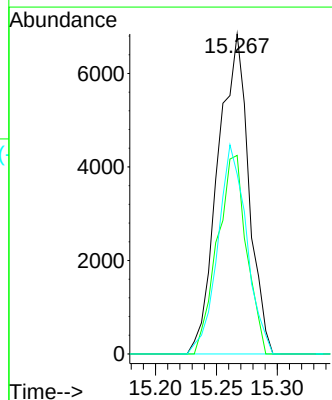
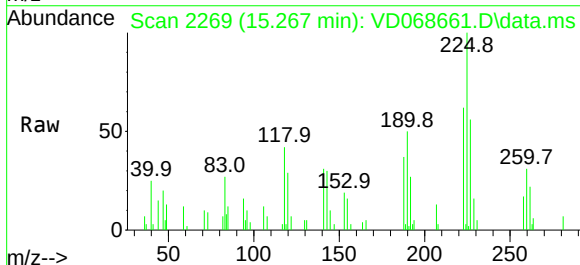
Manual Integrations
APPROVED

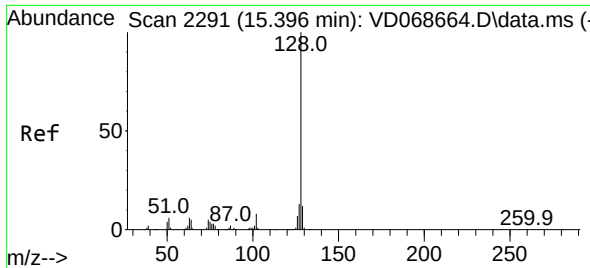
MMDadoda
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#94
Hexachlorobutadiene
Concen: 4.81 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	225	Resp:	12049
Ion Ratio	Lower	Upper	
225	100		
223	59.0	30.6	91.6
227	61.3	31.4	94.0





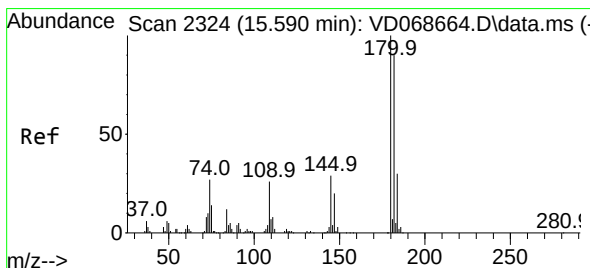
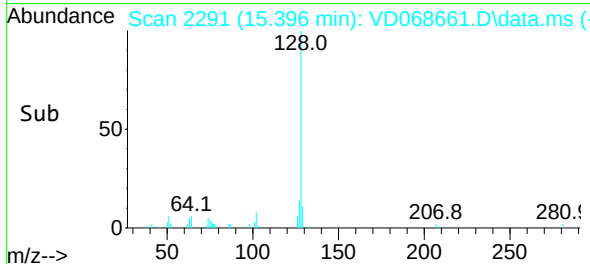
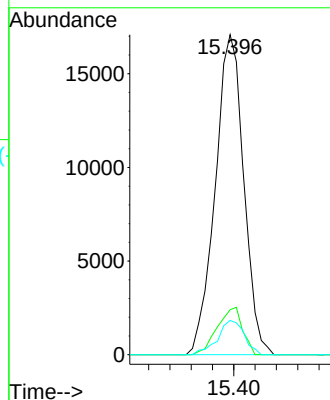
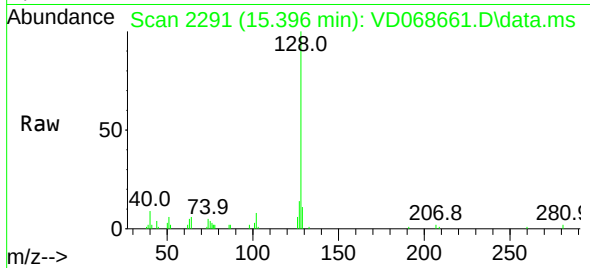
#95
Naphthalene
Concen: 4.12 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	128	Resp:	31711
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.0	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:36:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.26 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068661.D
Acq: 19 Mar 2021 12:41

Tgt Ion:	180	Resp:	16051
Ion Ratio	Lower	Upper	
180	100		
182	98.2	46.5	139.3
145	36.1	15.8	47.4

