

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066681.D
 Acq On : 14 Sep 2020 20:36
 Operator : VA/SY
 Sample : VD0914SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:59 PM

Quant Time: Sep 15 02:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	348162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	585493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	531962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	246145	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.91	113	226813	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
50) Toluene-d8	10.34	98	800321	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.63	95	272239	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	70604	22.380	ug/l	84
3) Chloromethane	2.21	50	94182	21.390	ug/l	98
4) Vinyl Chloride	2.35	62	104205	21.338	ug/l	98
5) Bromomethane	2.76	94	73392	21.147	ug/l	85
6) Chloroethane	2.92	64	66853	21.553	ug/l	94
7) Trichlorofluoromethane	3.27	101	151554	21.008	ug/l	93
8) Diethyl Ether	3.71	74	37175	20.464	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	82360	21.094	ug/l	99
10) Methyl Iodide	4.30	142	72476	22.736	ug/l	99
11) Tert butyl alcohol	5.22	59	35310	108.265	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	72938	20.793	ug/l	97
13) Acrolein	3.92	56	14288	82.954	ug/l	93
14) Allyl chloride	4.71	41	120512	20.963	ug/l	95
15) Acrylonitrile	5.43	53	83983	107.618	ug/l	99
16) Acetone	4.16	43	73588	94.943	ug/l #	87
17) Carbon Disulfide	4.40	76	234600	20.344	ug/l	99
18) Methyl Acetate	4.71	43	43020	23.284	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	180777	21.977	ug/l	97
20) Methylene Chloride	4.96	84	117217	24.356	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	88714	21.298	ug/l	95
22) Diisopropyl ether	6.37	45	257789	21.806	ug/l	98
23) Vinyl Acetate	6.30	43	730732	108.619	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162977	21.922	ug/l	100
25) 2-Butanone	7.21	43	104339	100.282	ug/l	99
26) 2,2-Dichloropropane	7.21	77	134533	19.728	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	98853	22.068	ug/l	98
28) Bromochloromethane	7.54	49	57021	19.922	ug/l	99
29) Tetrahydrofuran	7.56	42	69494	107.246	ug/l	99
30) Chloroform	7.71	83	171833	21.848	ug/l	96
31) Cyclohexane	7.98	56	136208	19.820	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	158320	21.410	ug/l	98
36) 1,1-Dichloropropene	8.11	75	128705	21.123	ug/l	99
37) Ethyl Acetate	7.29	43	52136	21.488	ug/l #	94
38) Carbon Tetrachloride	8.09	117	136768	21.236	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	134532	19.773	ug/l	93
40) Benzene	8.35	78	349657	20.953	ug/l	98
41) Methacrylonitrile	7.52	41	23057	19.632	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	117031	21.644	ug/l	100
43) Isopropyl Acetate	8.45	43	98580	21.201	ug/l	97
44) Trichloroethene	9.11	130	93247	21.302	ug/l	91
45) 1,2-Dichloropropane	9.38	63	90973	21.677	ug/l	97
46) Dibromomethane	9.47	93	50141	21.656	ug/l	97
47) Bromodichloromethane	9.66	83	139482	22.266	ug/l	96
48) Methyl methacrylate	9.46	41	46765	19.890	ug/l #	89
49) 1,4-Dioxane	9.46	88	10447	411.276	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	248612	106.019	ug/l	100
52) Toluene	10.40	92	227797	21.564	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	116117	20.998	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	140506	21.158	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	65565	22.024	ug/l	92
56) Ethyl methacrylate	10.66	69	72837	21.013	ug/l	92
57) 1,3-Dichloropropane	10.94	76	114309	21.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	207003	130.565	ug/l	99
59) 2-Hexanone	10.98	43	165216	104.769	ug/l	97
60) Dibromochloromethane	11.14	129	84539	21.475	ug/l	97
61) 1,2-Dibromoethane	11.25	107	62661	21.635	ug/l	98
64) Tetrachloroethene	10.87	164	75725	21.142	ug/l	93
65) Chlorobenzene	11.67	112	233192	21.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	88807	21.194	ug/l	98
67) Ethyl Benzene	11.74	91	416144	20.642	ug/l	98
68) m/p-Xylenes	11.86	106	313094	41.827	ug/l	94
69) o-Xylene	12.18	106	140797	20.988	ug/l	93
70) Styrene	12.20	104	251737	21.585	ug/l	99
71) Bromoform	12.36	173	44656	21.146	ug/l #	100
73) Isopropylbenzene	12.48	105	394285	21.605	ug/l	100
74) N-amyl acetate	12.29	43	86180	20.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	68600	21.277	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	45153m	19.048	ug/l	
77) Bromobenzene	12.76	156	90413	22.222	ug/l	99
78) n-propylbenzene	12.82	91	484202	21.887	ug/l	99
79) 2-Chlorotoluene	12.91	91	275998	22.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	337158	21.950	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	21437	21.113	ug/l	98
82) 4-Chlorotoluene	13.00	91	290355	21.878	ug/l	99
83) tert-Butylbenzene	13.23	119	272595	21.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	332251	21.726	ug/l	99
85) sec-Butylbenzene	13.40	105	382477	21.165	ug/l	100
86) p-Isopropyltoluene	13.52	119	347117	21.341	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	172598	21.368	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	170143	20.987	ug/l	98
89) n-Butylbenzene	13.84	91	331595	20.920	ug/l	98
90) Hexachloroethane	14.11	117	74845	21.356	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	148989	21.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	11440	20.888	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	91966	21.705	ug/l	97
94) Hexachlorobutadiene	15.27	225	52659	20.687	ug/l	97
95) Naphthalene	15.41	128	157922	21.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75387	20.869	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

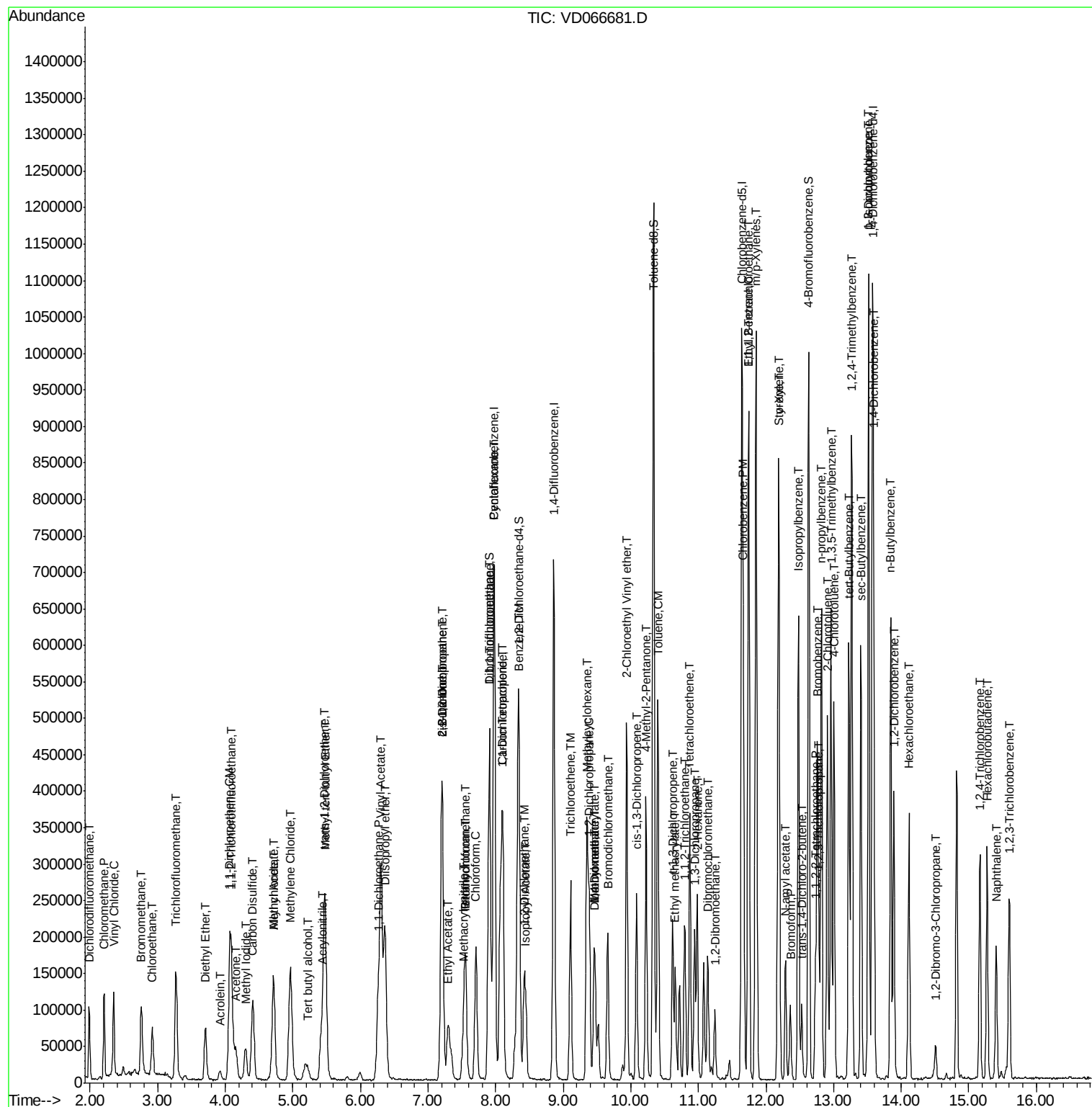
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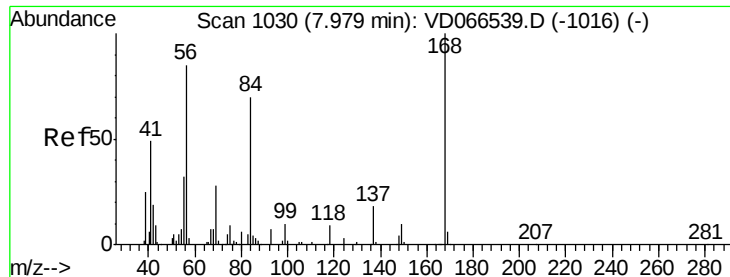
Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion:168 Resp: 348162

Ion Ratio Lower Upper

168 100

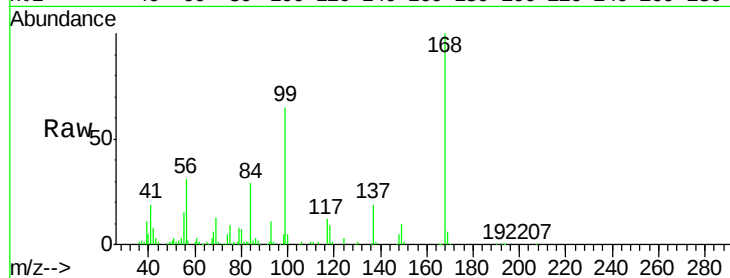
99 64.8 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

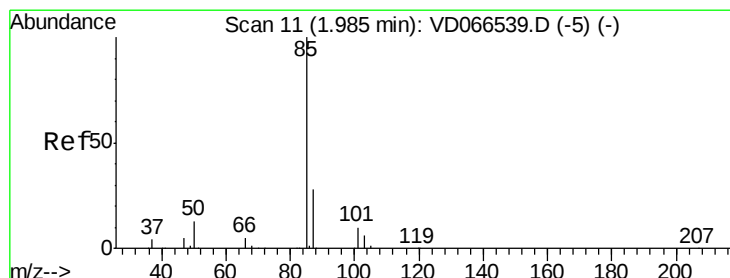
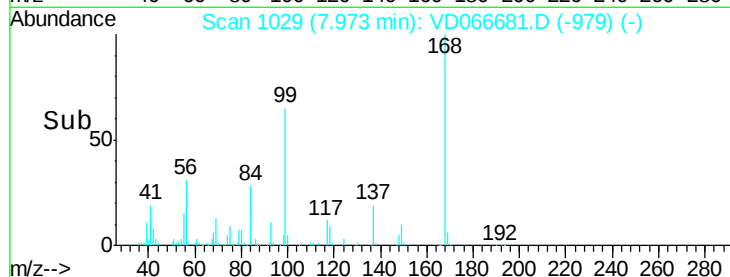
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 22.380 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066681.D

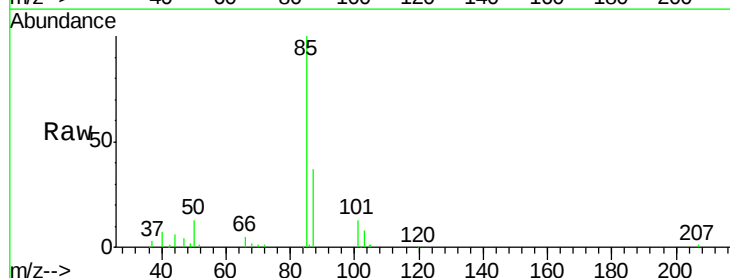
Acq: 14 Sep 2020 20:36

Tgt Ion: 85 Resp: 70604

Ion Ratio Lower Upper

85 100

87 36.8 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

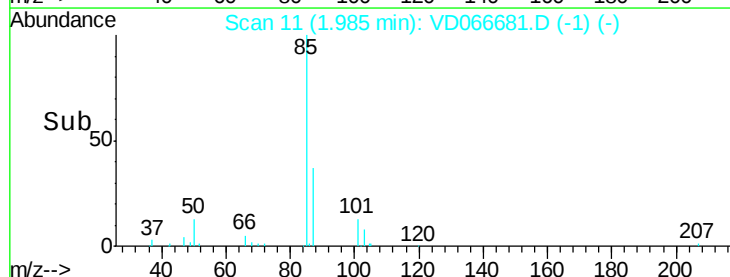
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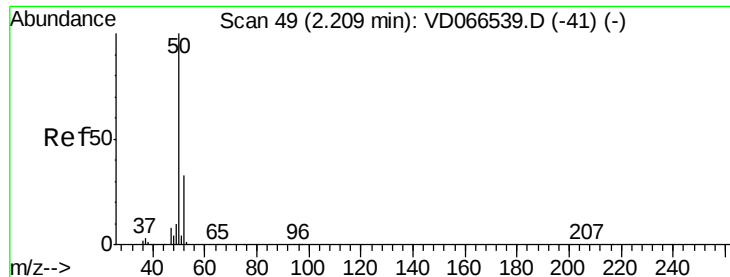
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 21.390 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 50 Resp: 94182

Ion Ratio Lower Upper

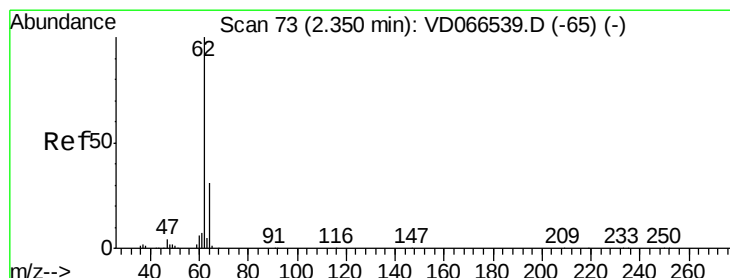
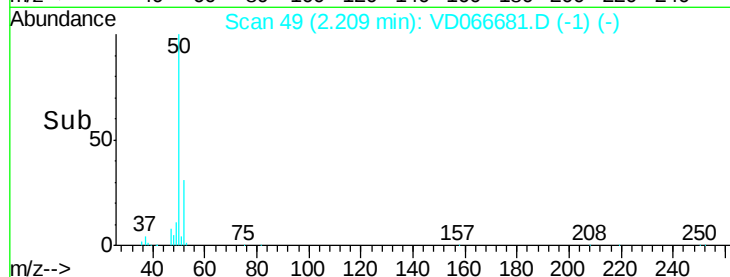
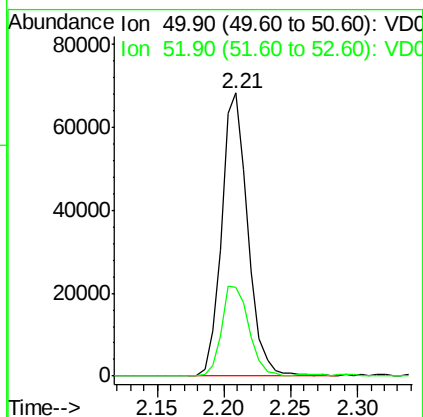
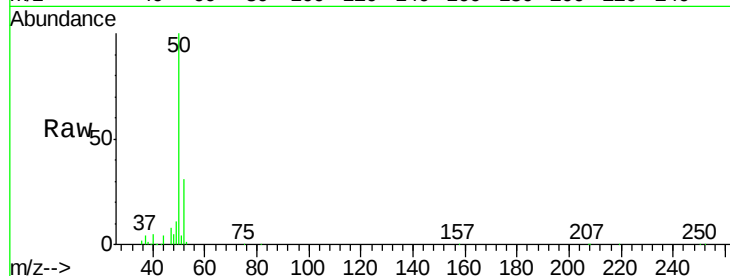
50 100

52 31.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 21.338 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066681.D

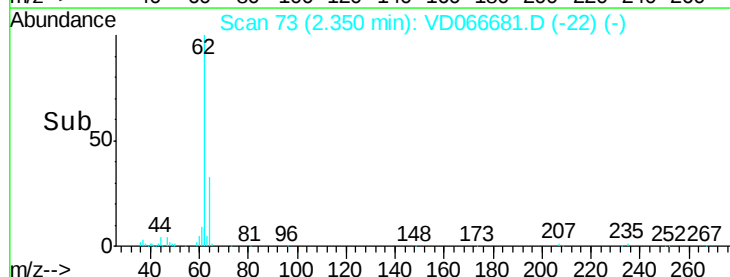
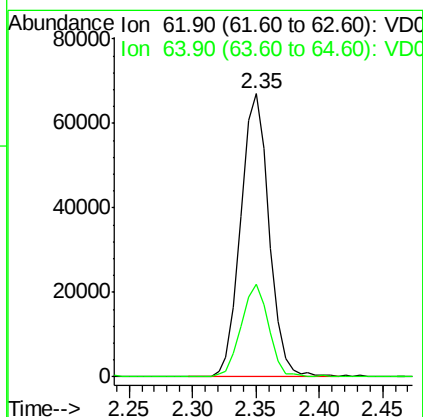
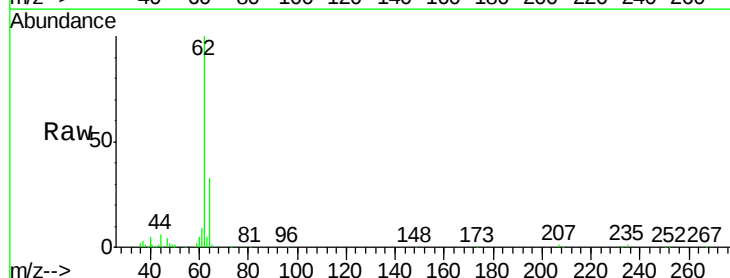
Acq: 14 Sep 2020 20:36

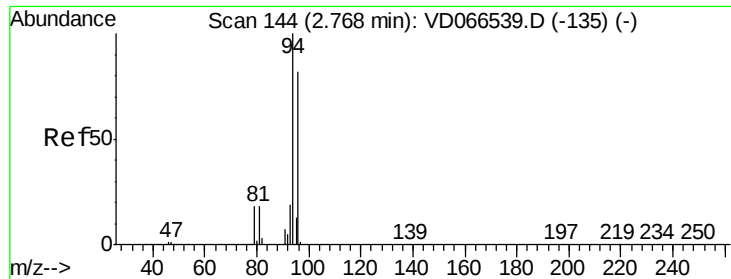
Tgt Ion: 62 Resp: 104205

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 21.147 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 94 Resp: 73392

Ion Ratio Lower Upper

94 100

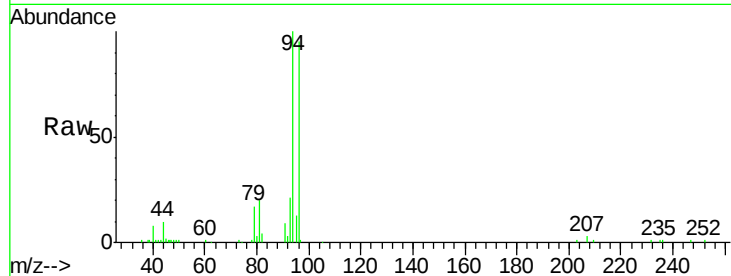
96 94.6 65.2 97.8

Manual Integrations

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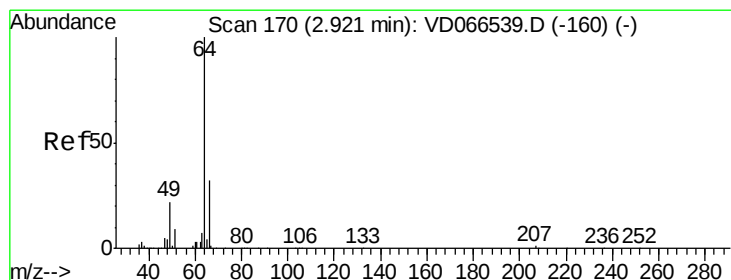
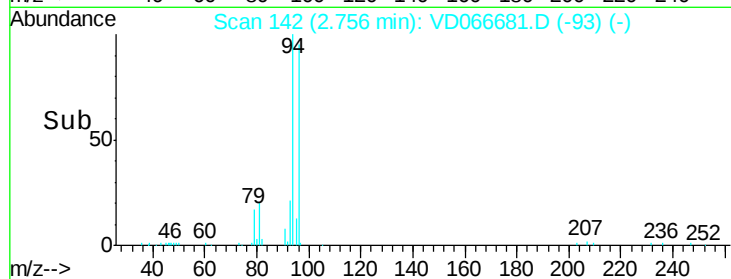
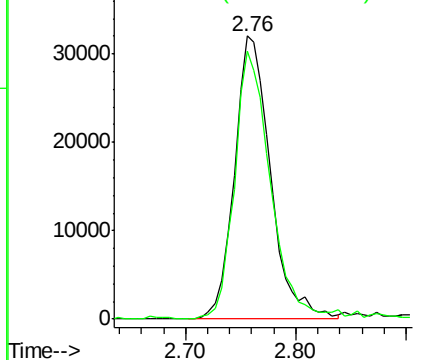
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.553 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066681.D

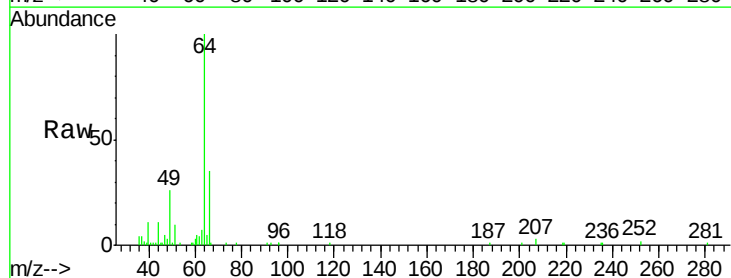
Acq: 14 Sep 2020 20:36

Tgt Ion: 64 Resp: 66853

Ion Ratio Lower Upper

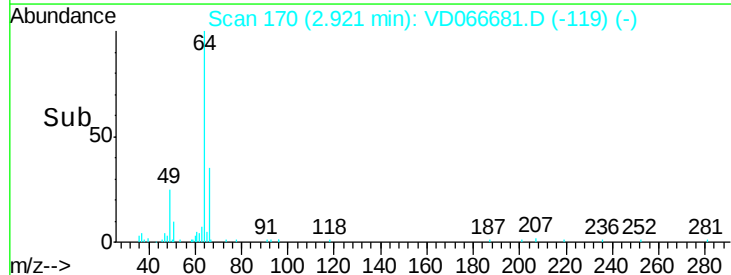
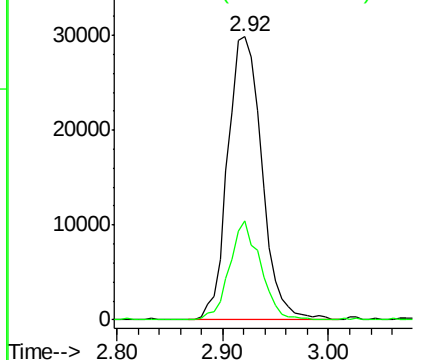
64 100

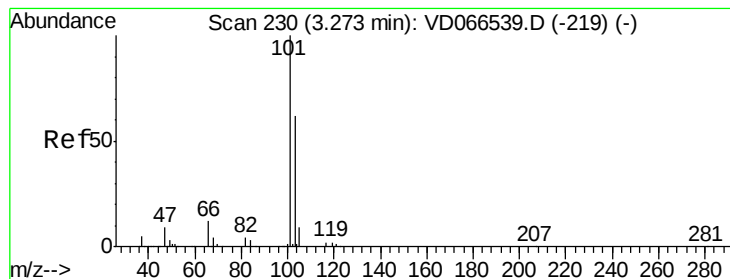
66 34.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





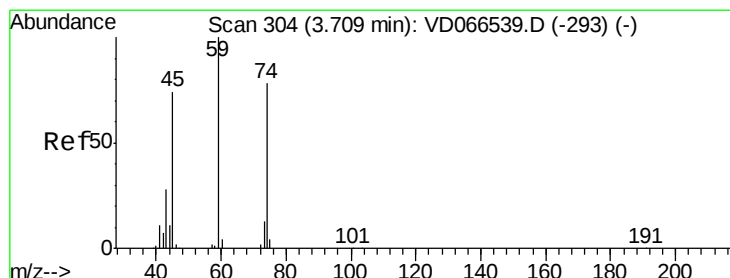
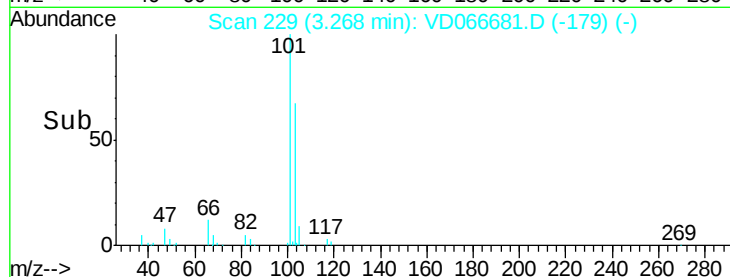
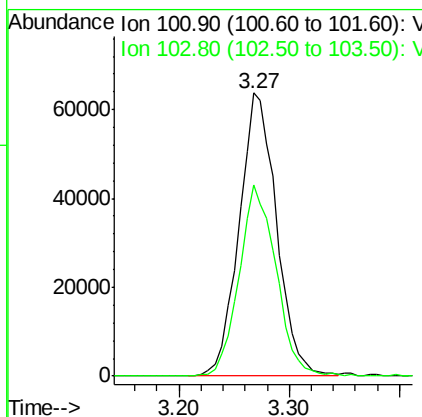
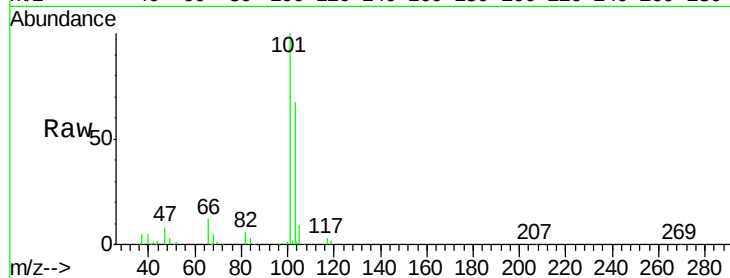
#7
 Trichlorofluoromethane
 Concen: 21.008 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
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 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	49.7	74.5

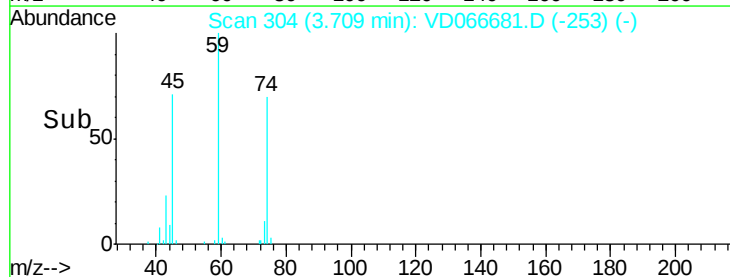
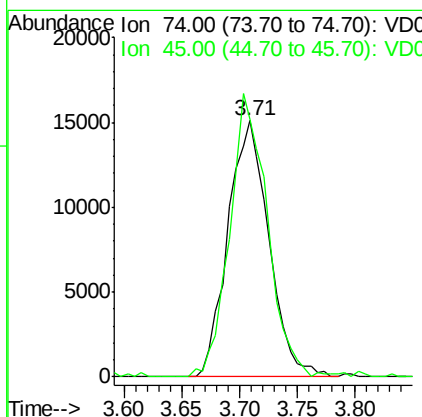
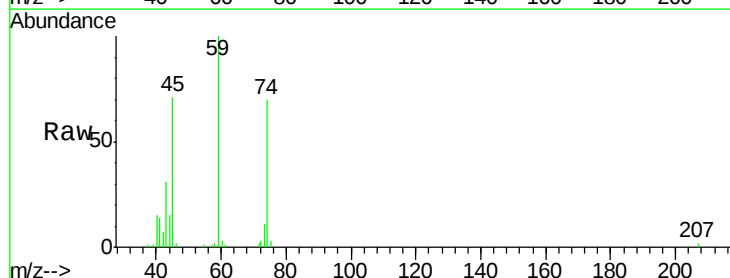
Manual Integrations
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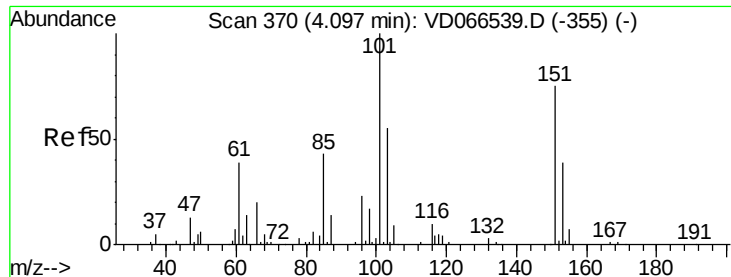
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 9/15/2020 2:27:59 PM



#8
 Diethyl Ether
 Concen: 20.464 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.094 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

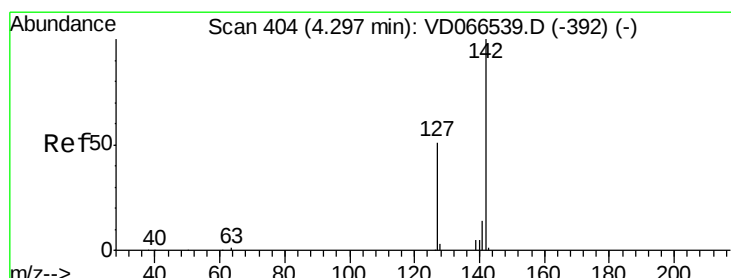
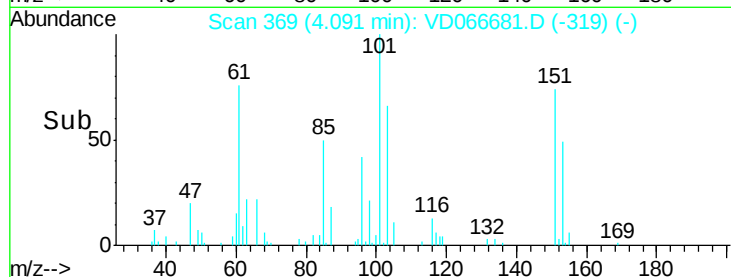
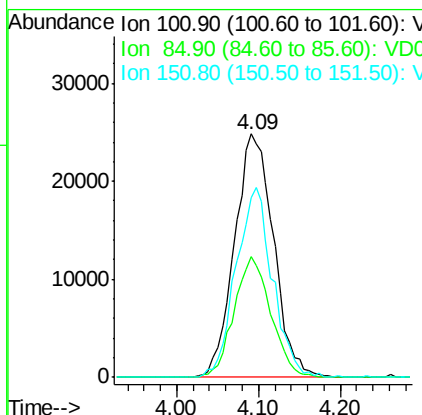
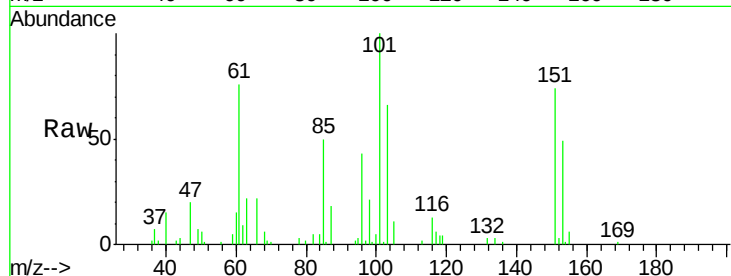
ClientSampleId :

VD0914SBS02

Tot Ion:	101	Resp:	82360
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	72.9	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 22.736 ug/l

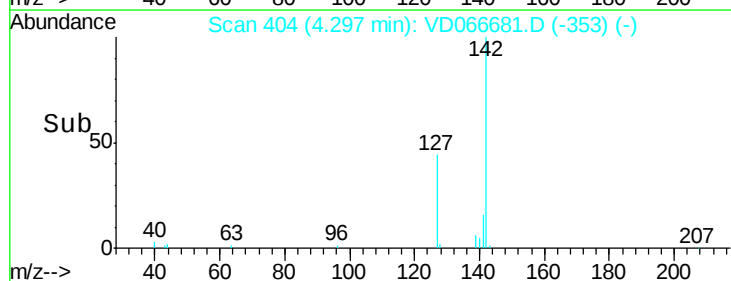
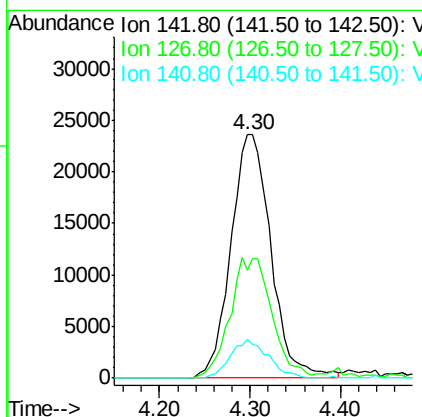
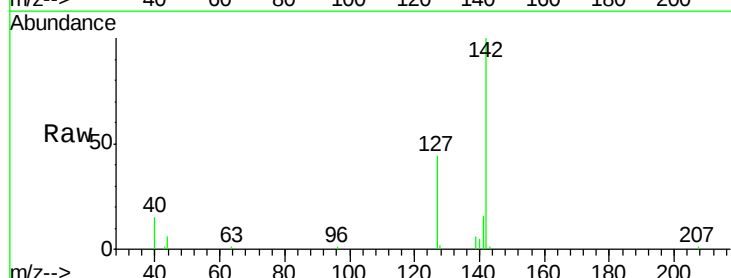
RT: 4.30 min Scan# 404

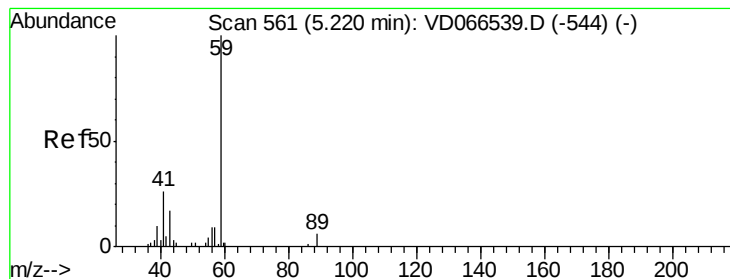
Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	142	Resp:	72476
Ion Ratio	Lower	Upper	
142	100		
127	51.3	40.6	61.0
141	14.9	12.2	18.4





#11

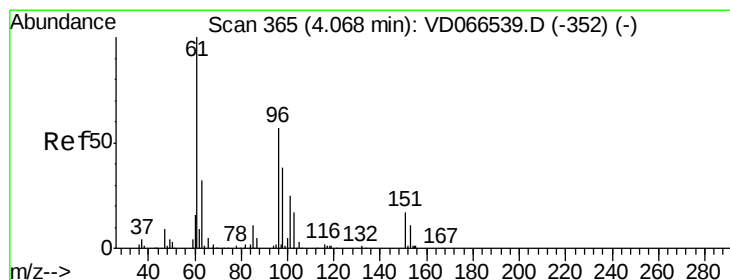
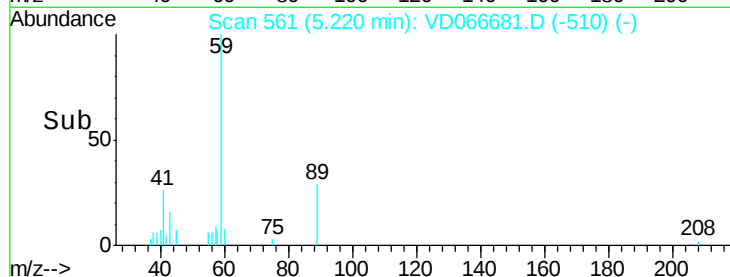
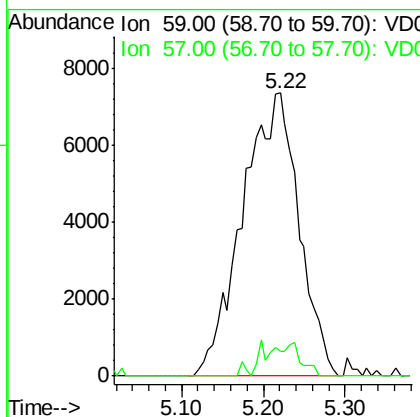
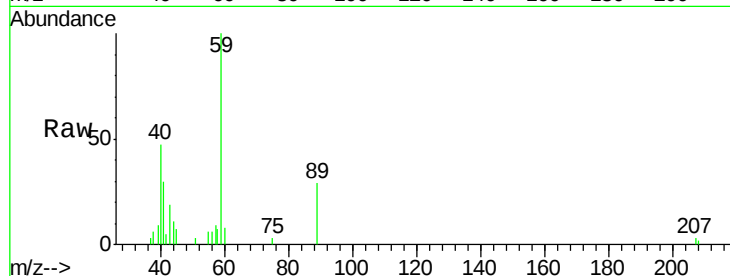
Tert butyl alcohol
Concen: 108.265 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	35310		
57	0.0	7.6	11.4	

Manual Integrations
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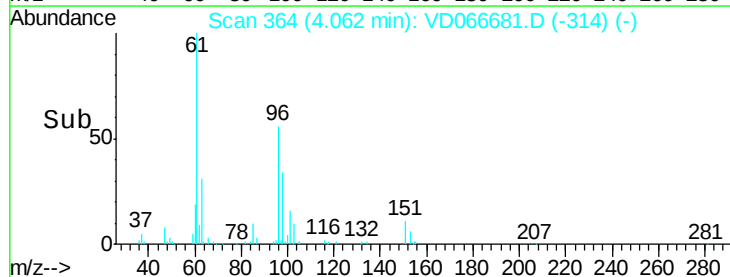
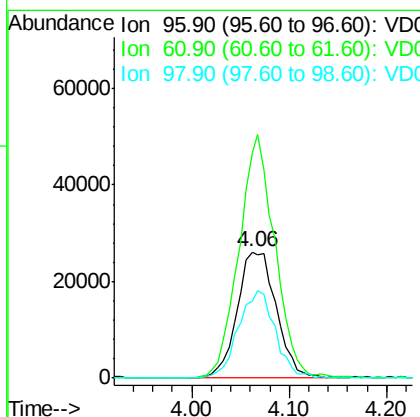
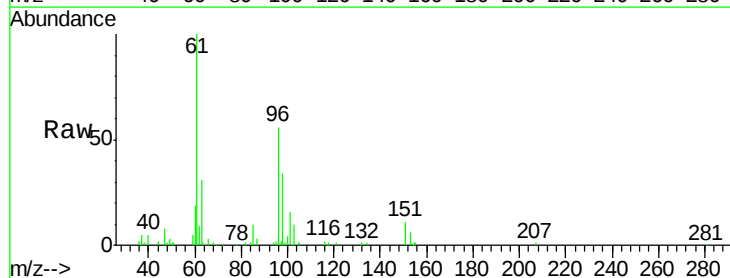
MMDadoda
9/15/2020 2:27:59 PM

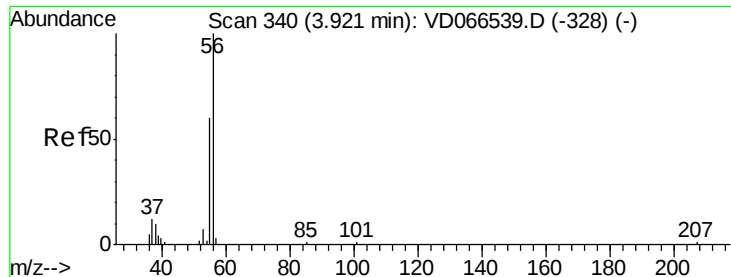


#12

1,1-Dichloroethene
Concen: 20.793 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	72938		
61	178.4	140.9	211.3	
98	60.9	53.2	79.8	





#13

Acrolein

Concen: 82.954 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 56 Resp: 14288

Ion Ratio Lower Upper

56 100

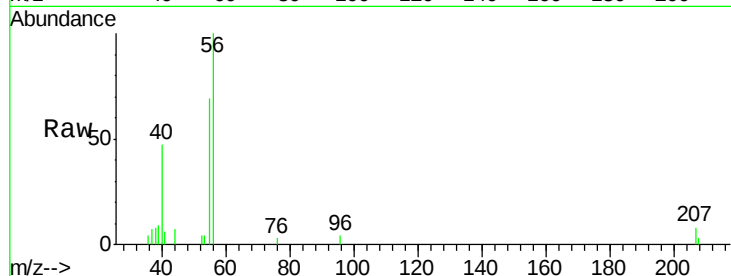
55 72.4 53.6 80.4

Manual Integrations

APPROVED

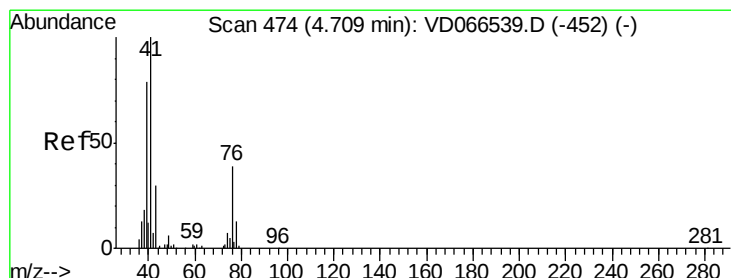
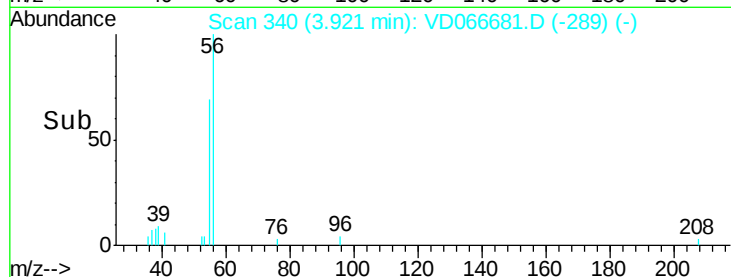
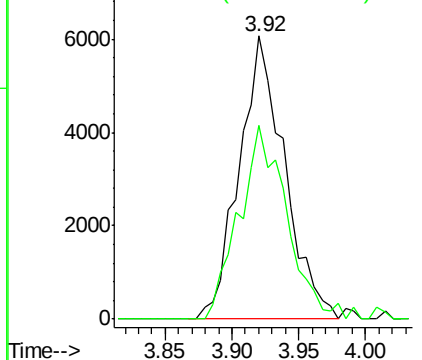
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.963 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

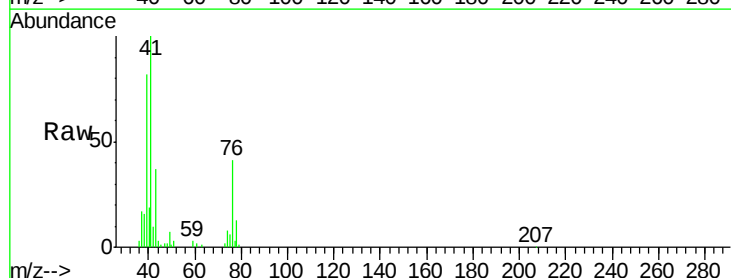
Tgt Ion: 41 Resp: 120512

Ion Ratio Lower Upper

41 100

39 82.8 61.9 92.9

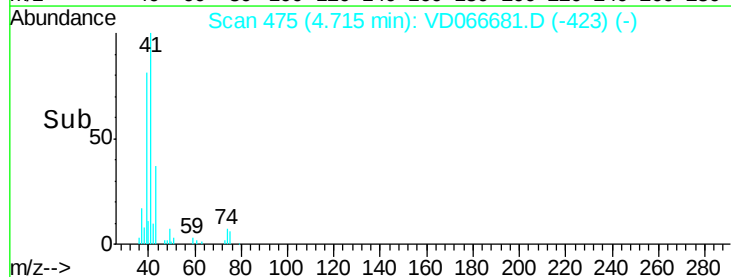
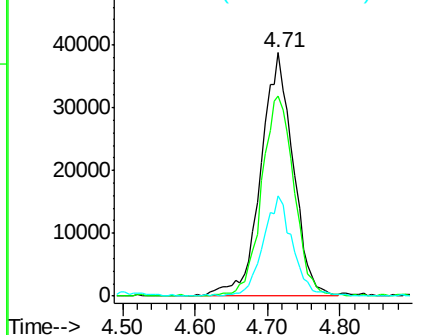
76 37.1 29.0 43.6

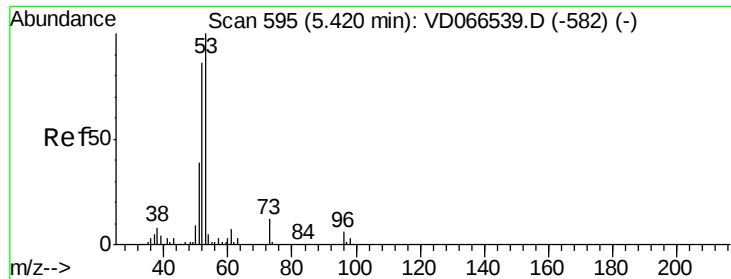


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 107.618 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

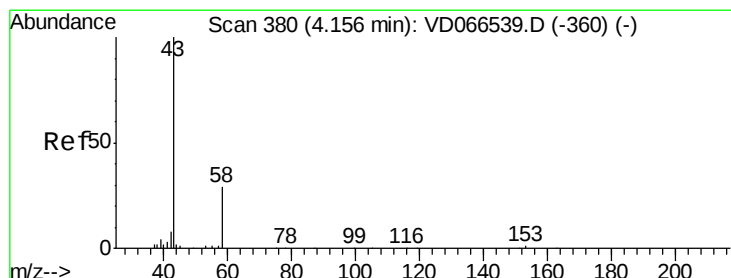
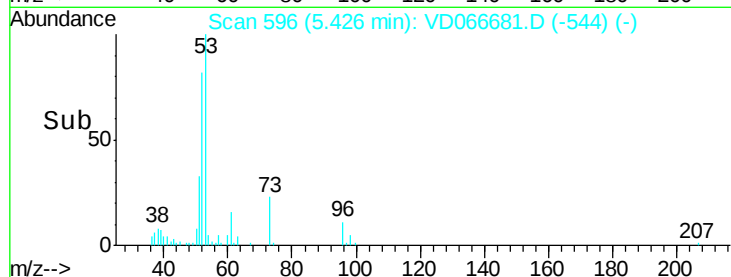
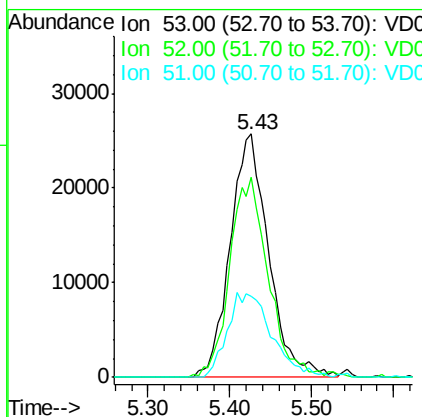
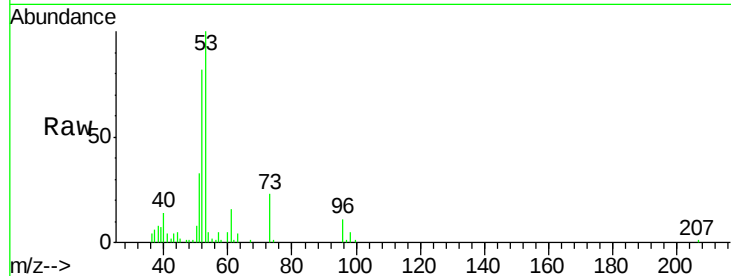
ClientSampleId :

VD0914SBS02

Tot Ion:	53	Resp:	83983
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.4	98.2
51	40.3	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 94.943 ug/l

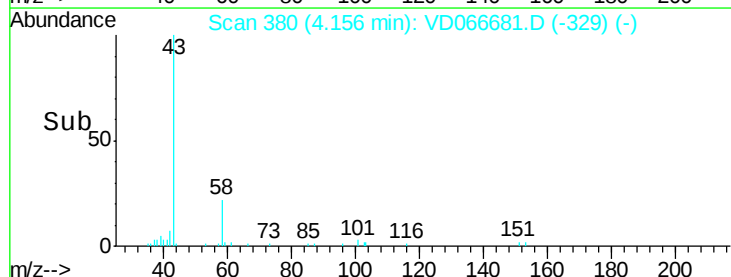
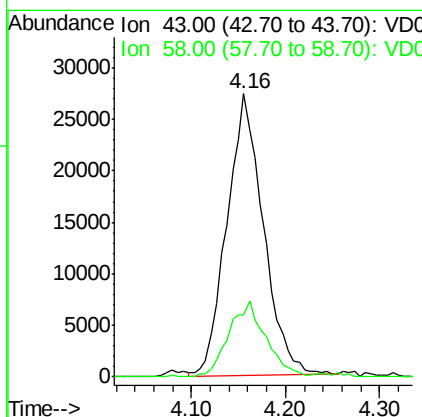
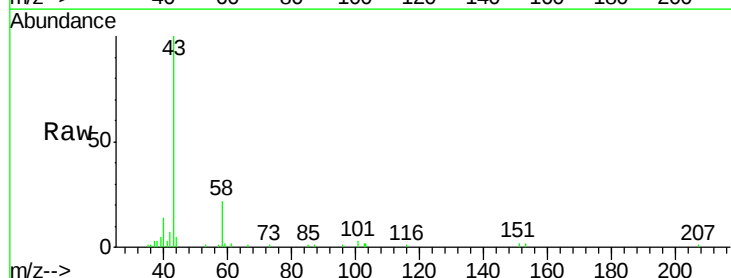
RT: 4.16 min Scan# 380

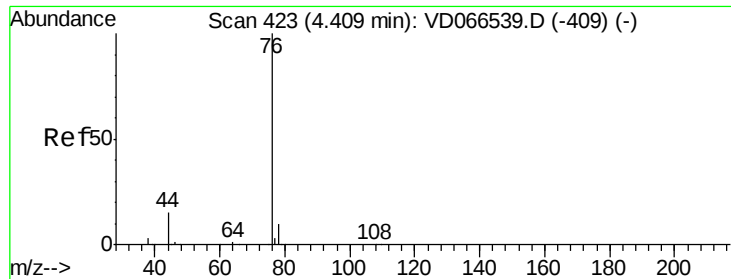
Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	43	Resp:	73588
Ion Ratio	Lower	Upper	
43	100		
58	21.9	22.9	34.3#





#17

Carbon Disulfide

Concen: 20.344 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 76 Resp: 234600

Ion Ratio Lower Upper

76 100

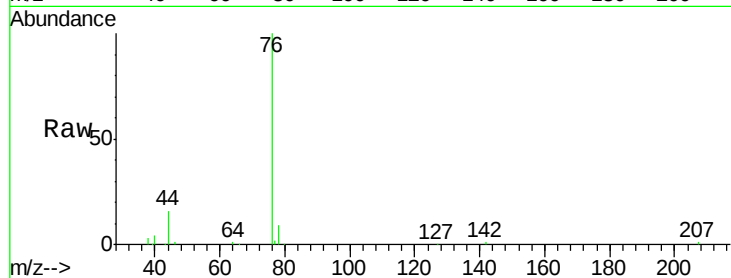
78 9.0 7.6 11.4

Manual Integrations

APPROVED

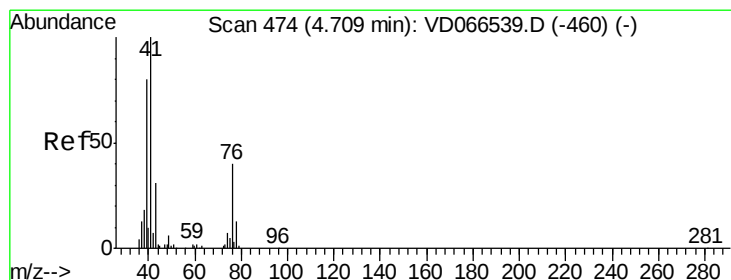
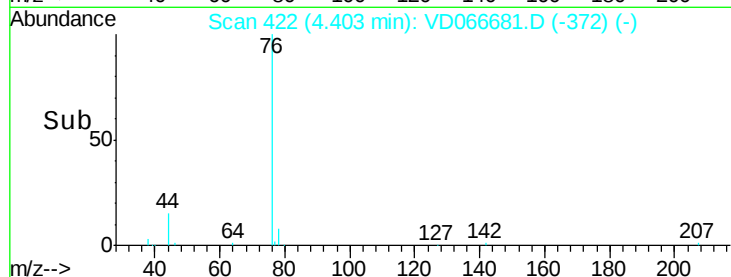
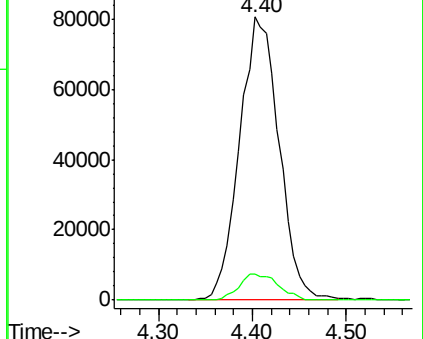
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 23.284 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066681.D

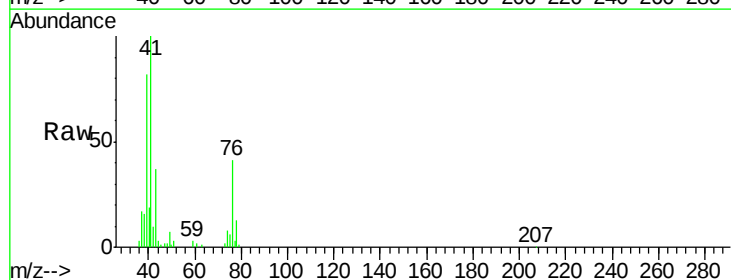
Acq: 14 Sep 2020 20:36

Tgt Ion: 43 Resp: 43020

Ion Ratio Lower Upper

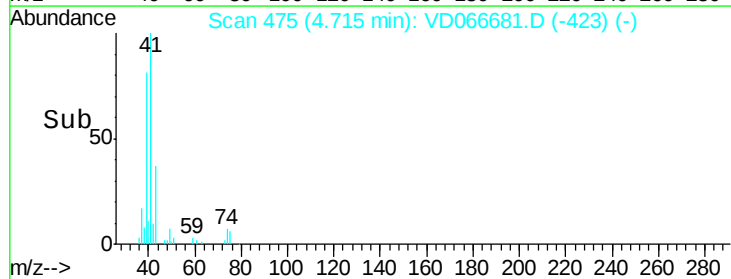
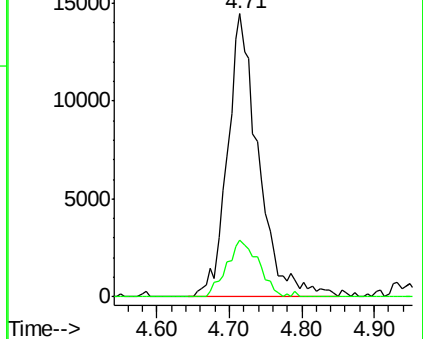
43 100

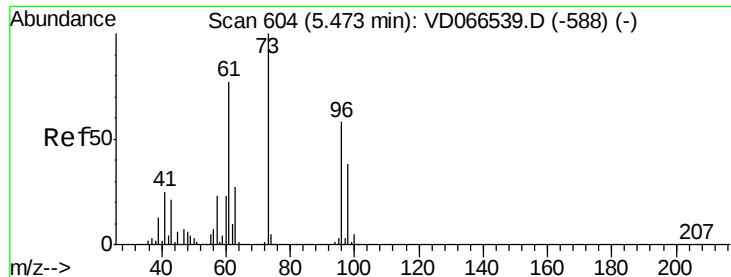
74 20.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





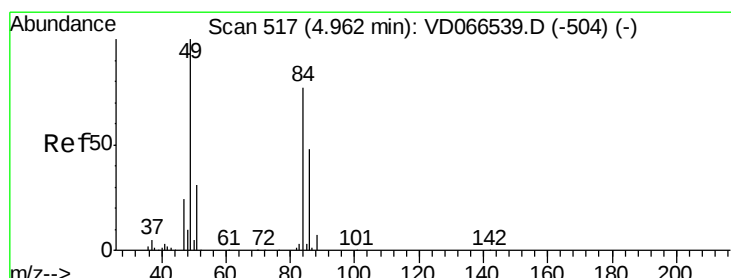
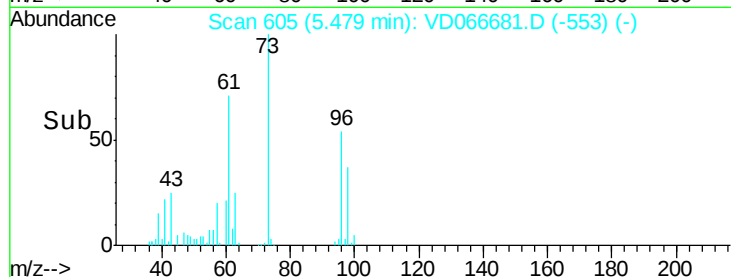
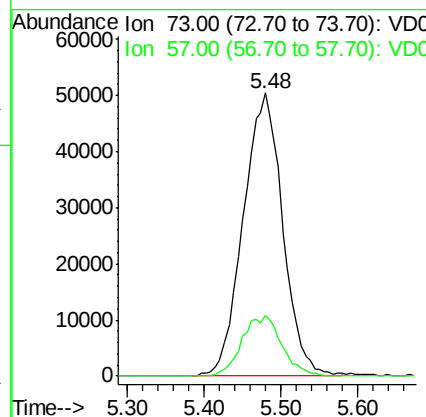
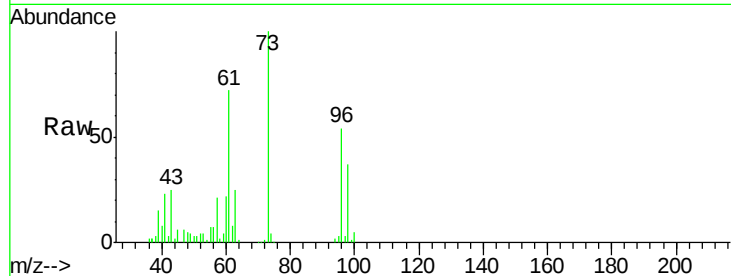
#19
Methyl tert-butyl Ether
Concen: 21.977 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion: 73 Resp: 180777
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5

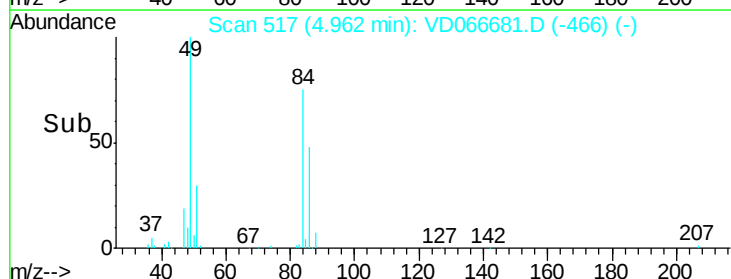
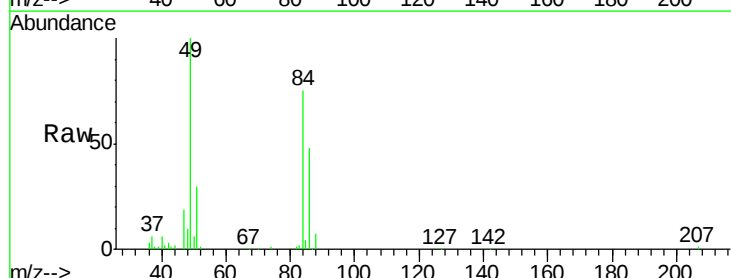
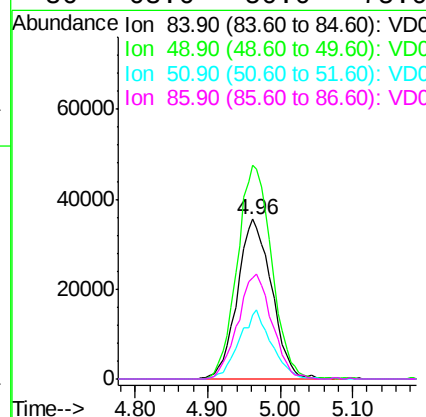
Manual Integrations
APPROVED

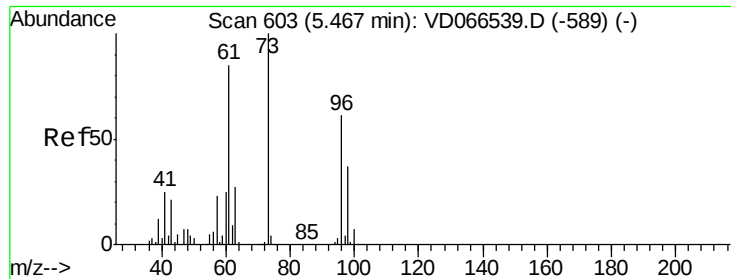
MMDadoda
9/15/2020 2:27:59 PM



#20
Methylene Chloride
Concen: 24.356 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion: 84 Resp: 117217
Ion Ratio Lower Upper
84 100
49 133.7 104.3 156.5
51 39.9 32.2 48.4
86 63.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 21.298 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

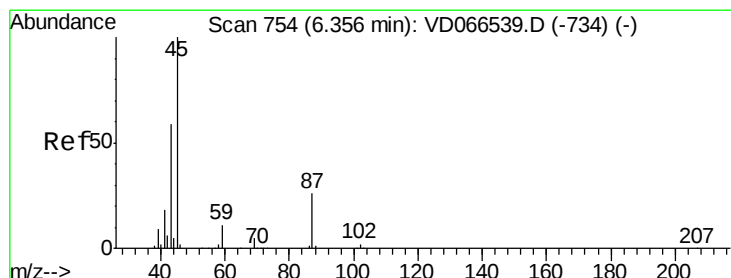
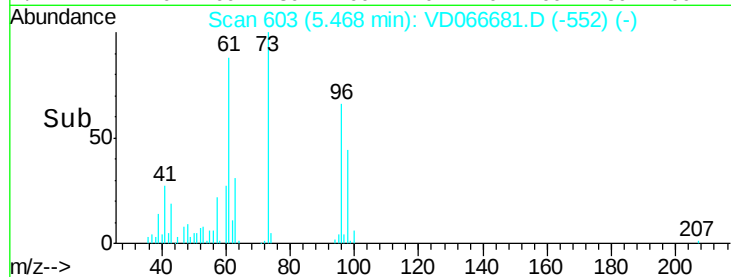
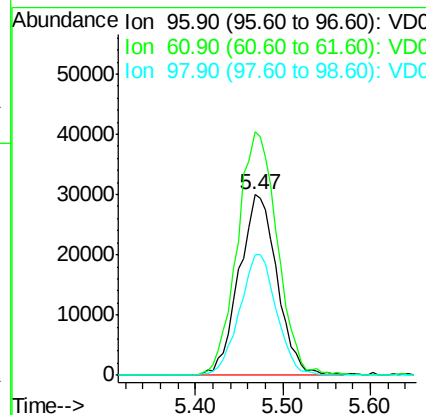
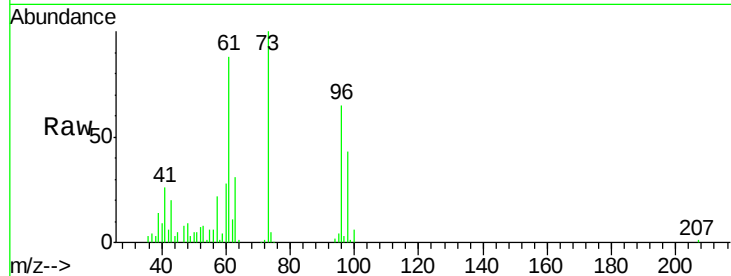
ClientSampleId :

VD0914SBS02

Tot Ion:	96	Resp:	88714
Ion	Ratio	Lower	Upper
96	100		
61	135.0	112.1	168.1
98	66.7	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.806 ug/l

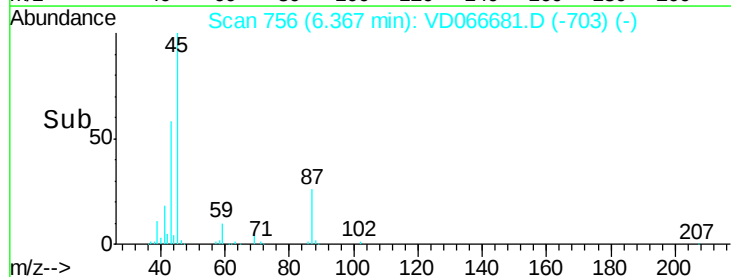
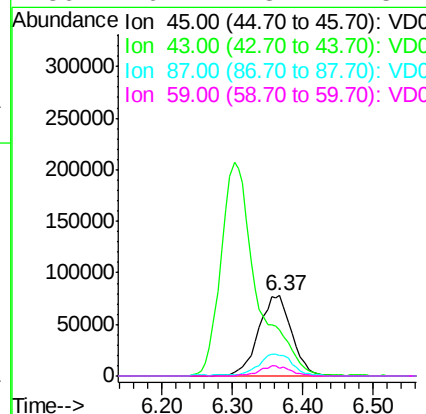
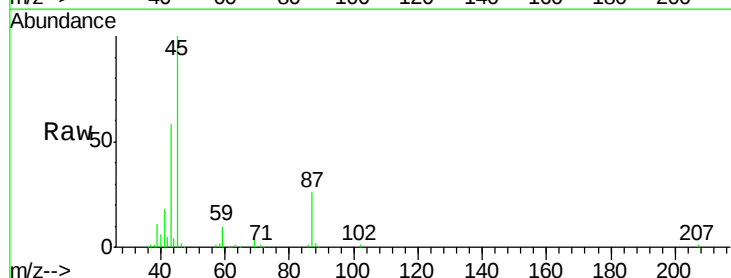
RT: 6.37 min Scan# 756

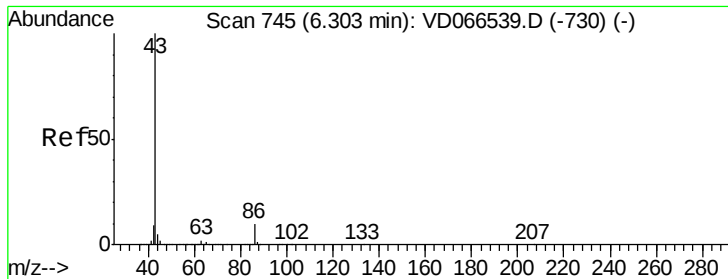
Delta R.T. 0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	45	Resp:	257789
Ion	Ratio	Lower	Upper
45	100		
43	56.7	47.0	70.4
87	25.6	21.3	31.9
59	10.1	8.7	13.1





#23

Vinyl Acetate

Concen: 108.619 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 43 Resp: 730732

Ion Ratio Lower Upper

43 100

86 10.1

7.7

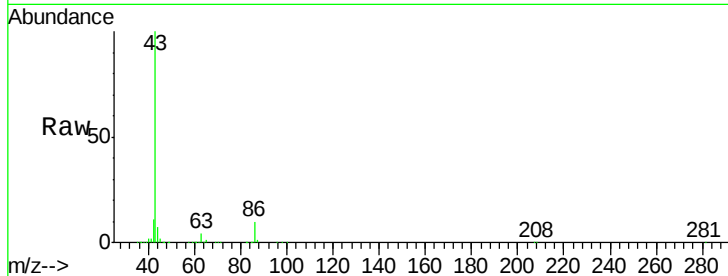
11.5

Manual Integrations

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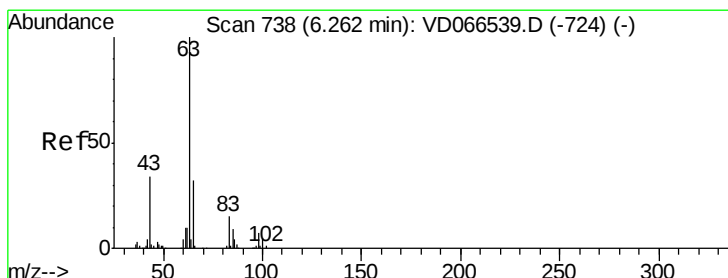
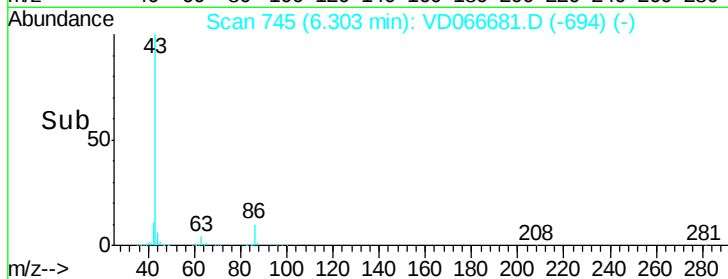
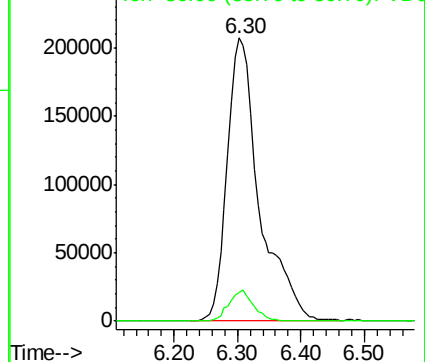
MMDadoda

9/15/2020 2:27:59 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.922 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion: 63 Resp: 162977

Ion Ratio Lower Upper

63 100

98 6.9

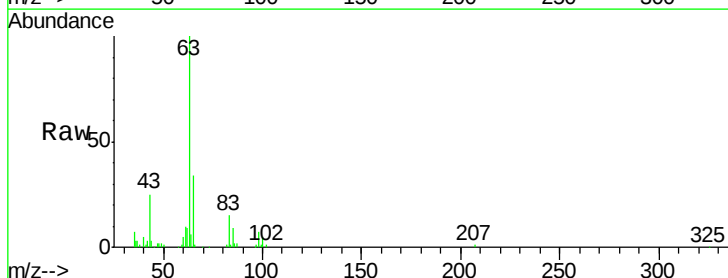
3.4

10.1

100 4.8

2.5

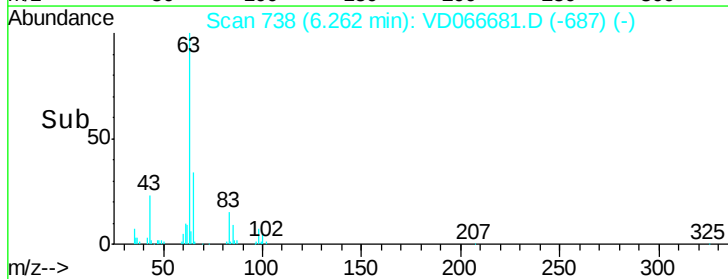
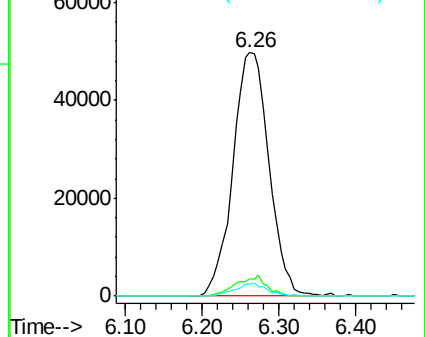
7.4

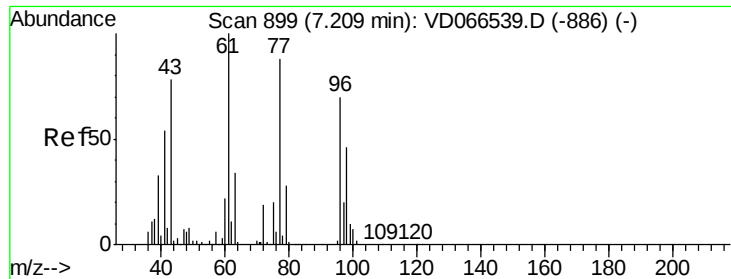


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





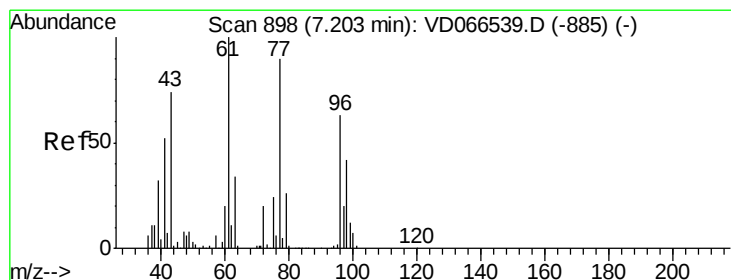
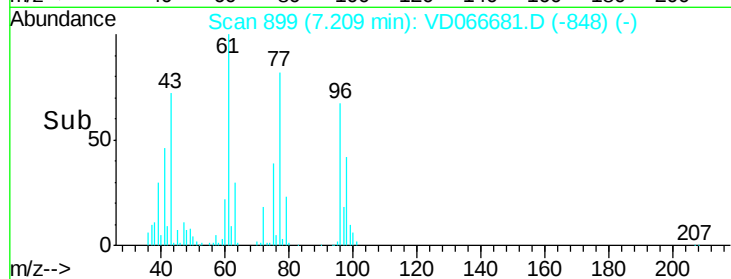
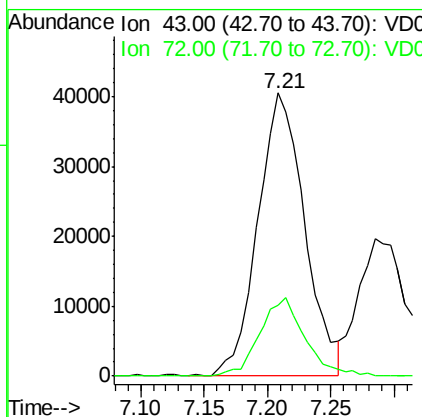
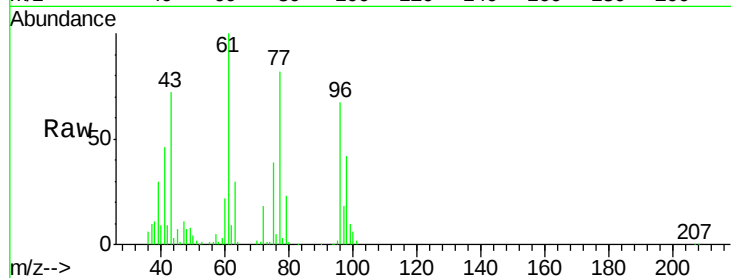
#25
2-Butanone
Concen: 100.282 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion: 43 Resp: 104339
Ion Ratio Lower Upper
43 100
72 25.1 19.8 29.6

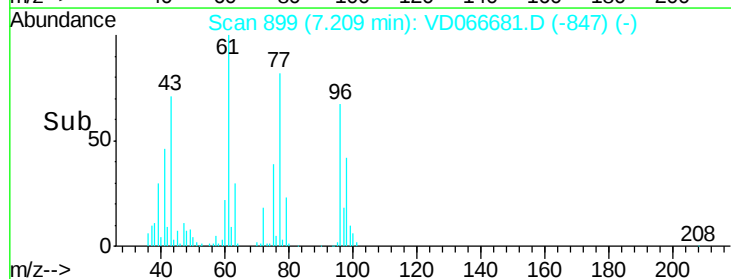
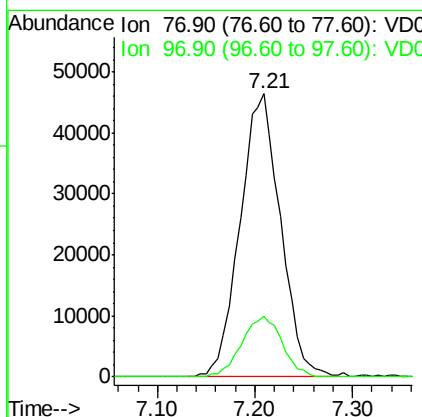
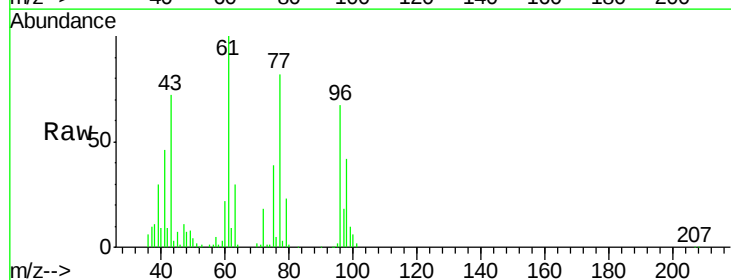
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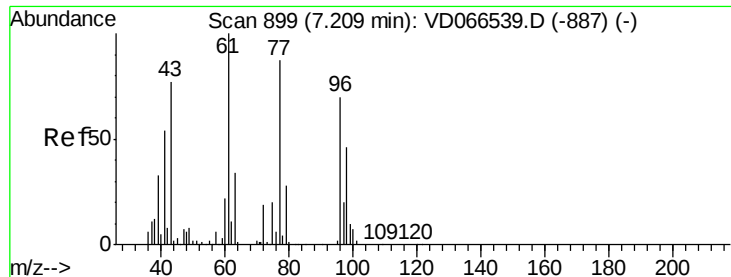
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.728 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion: 77 Resp: 134533
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 22.068 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

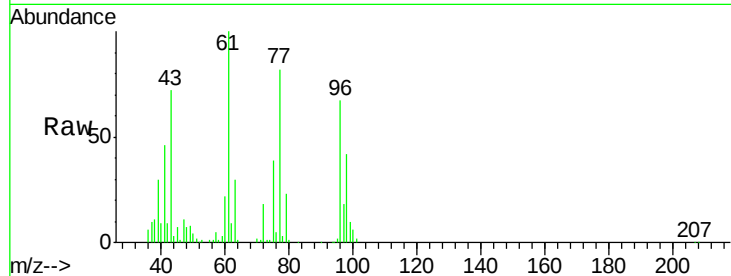
ClientSampleId :

VD0914SBS02

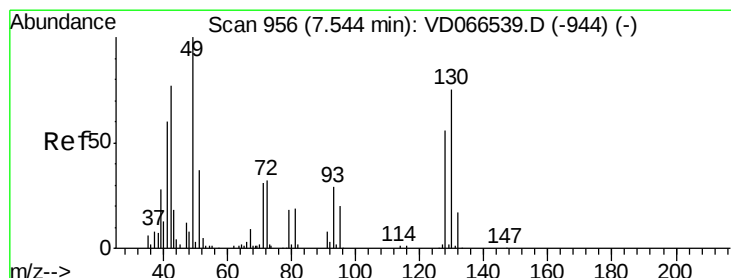
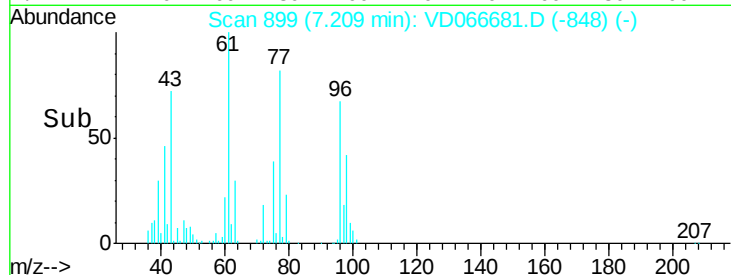
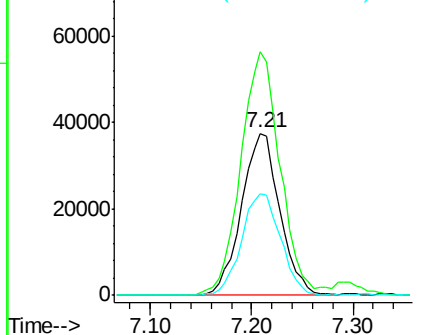
Tot Ion:	96	Resp:	98853
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	301.0
98	63.6	0.0	129.8

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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.922 ug/l

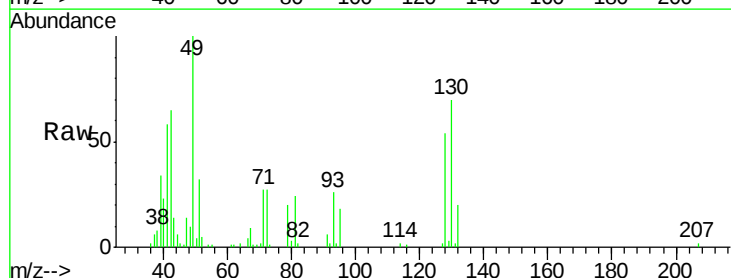
RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

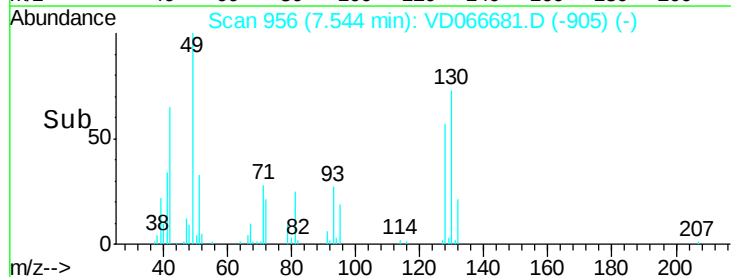
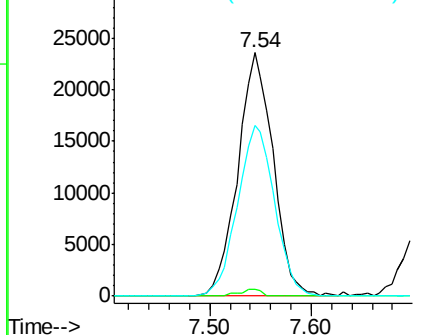
Lab File: VD066681.D

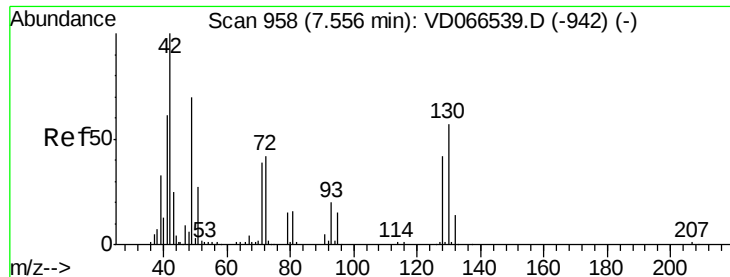
Acq: 14 Sep 2020 20:36

Tgt Ion:	49	Resp:	57021
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.6
130	73.4	58.2	87.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





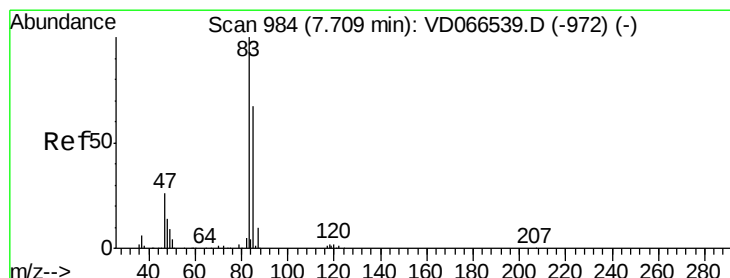
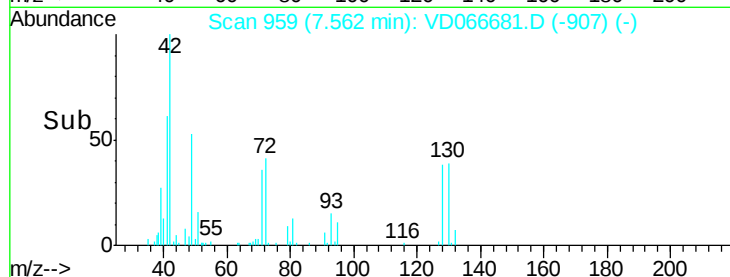
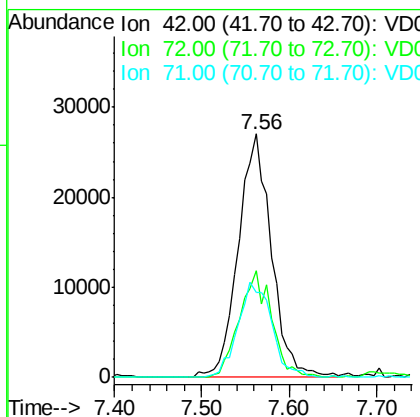
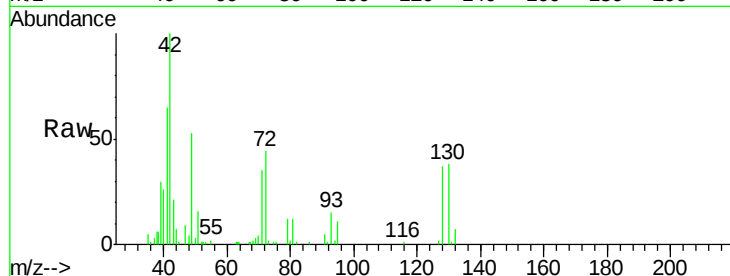
#29
Tetrahydrofuran
Concen: 107.246 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.4	50.0
71	39.7	31.9	47.9

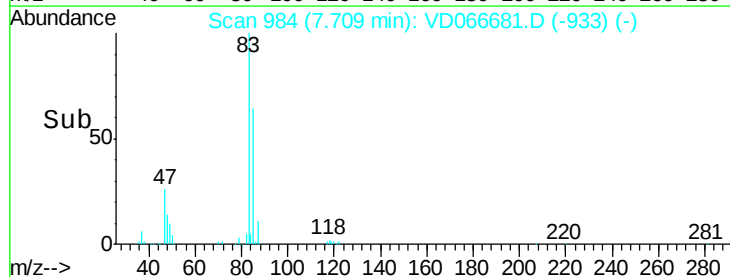
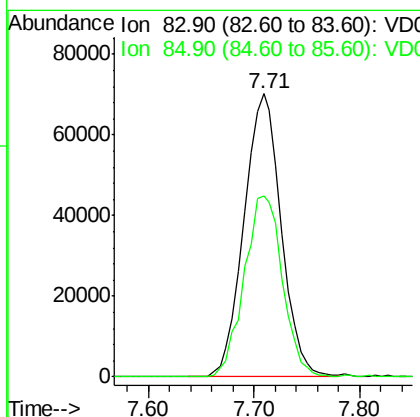
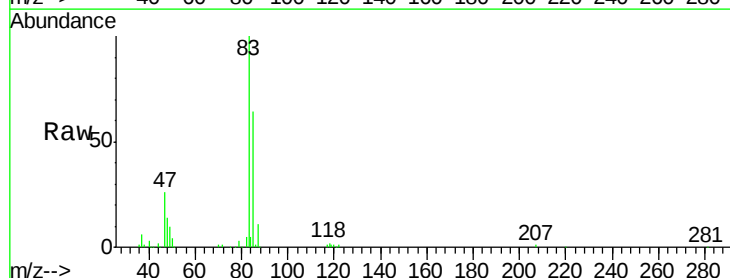
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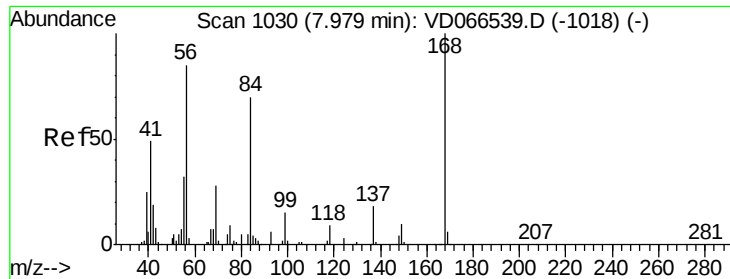
MMDadoda
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#30
Chloroform
Concen: 21.848 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.6	80.4





#31

Cyclohexane

Concen: 19.820 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 56 Resp: 136208

Ion Ratio Lower Upper

56 100

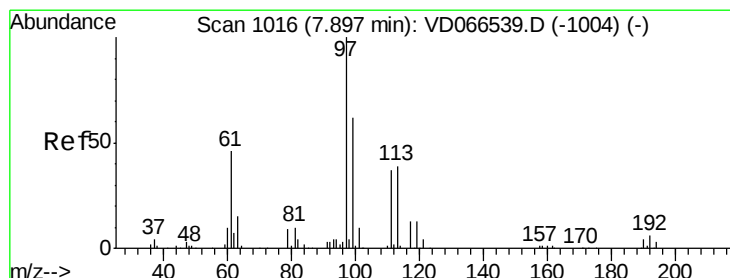
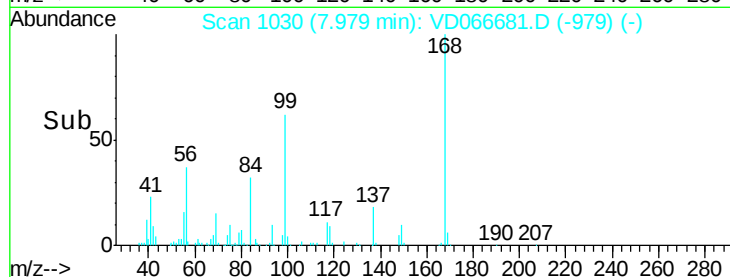
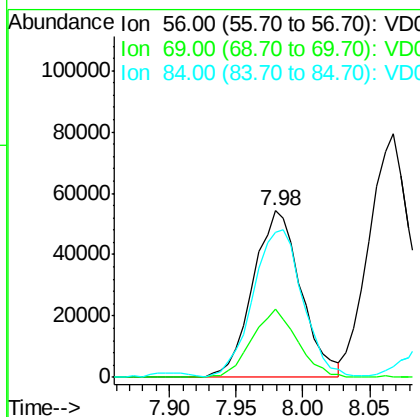
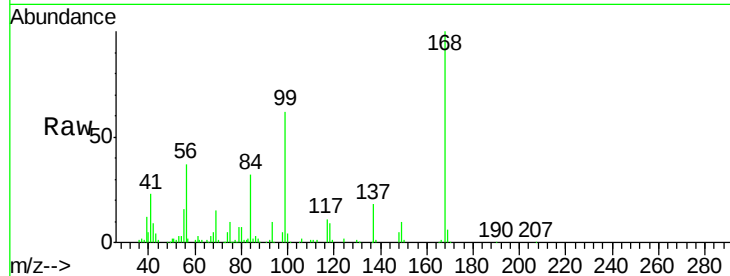
69 41.4 26.3 39.5#

84 85.3 66.1 99.1

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#32

1,1,1-Trichloroethane

Concen: 21.410 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

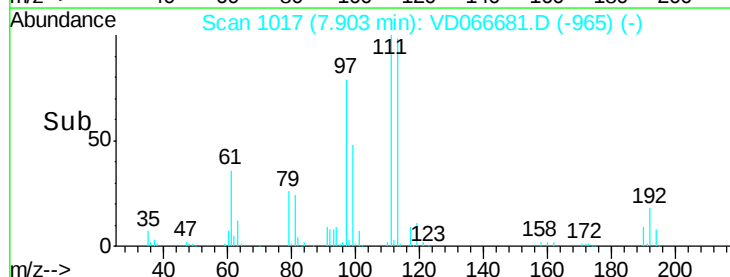
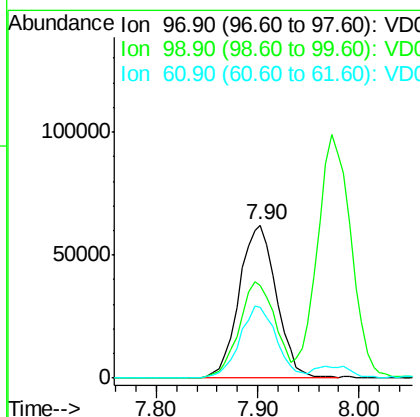
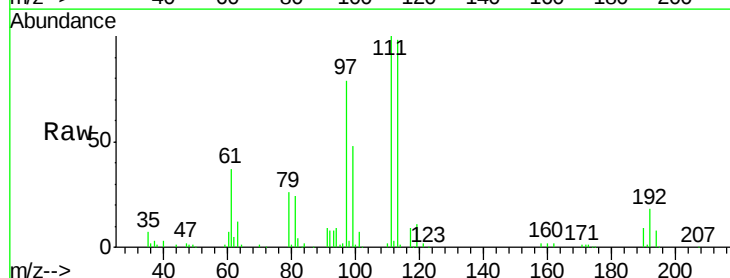
Tgt Ion: 97 Resp: 158320

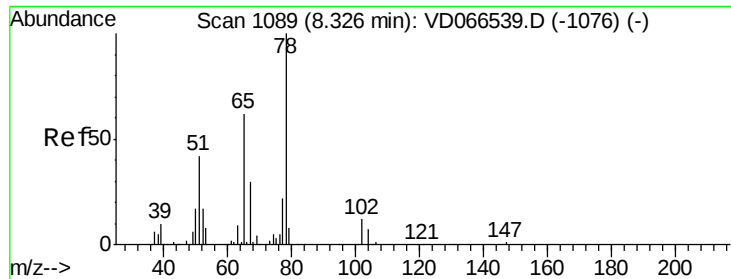
Ion Ratio Lower Upper

97 100

99 61.2 51.4 77.0

61 46.8 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 58.433 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 65 Resp: 246145

Ion Ratio Lower Upper

65 100

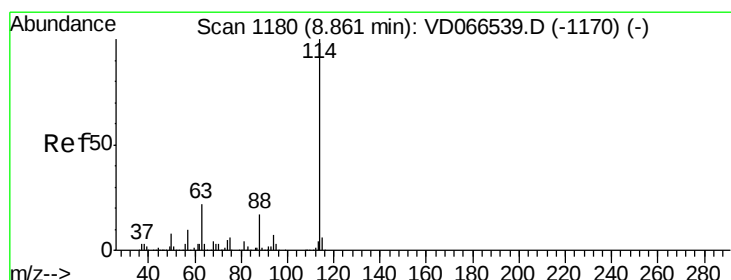
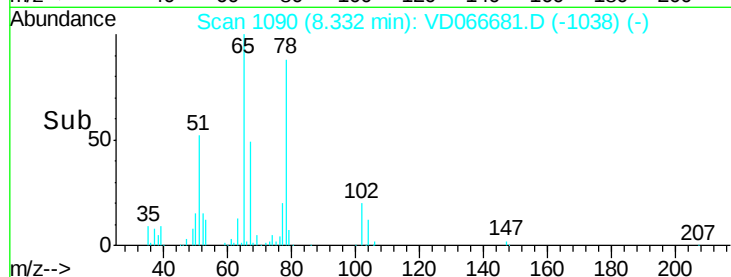
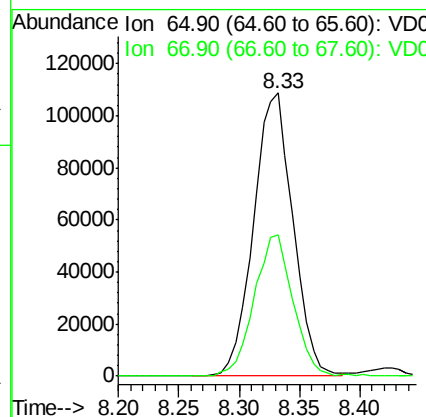
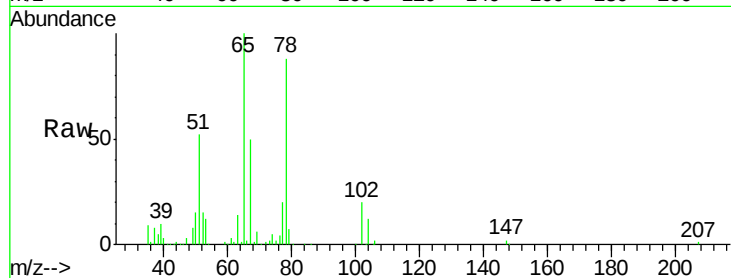
67 49.3 0.0 102.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

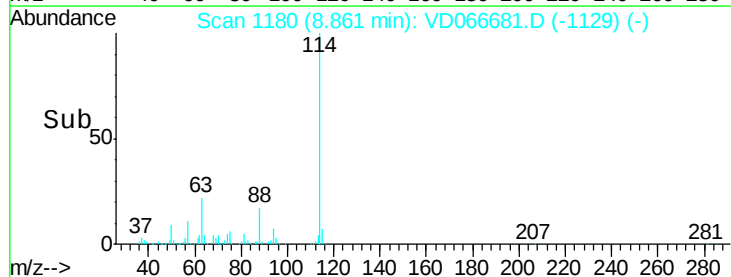
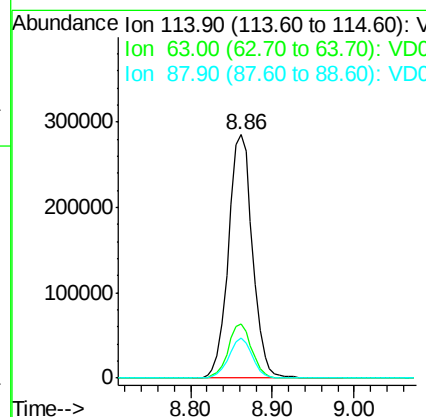
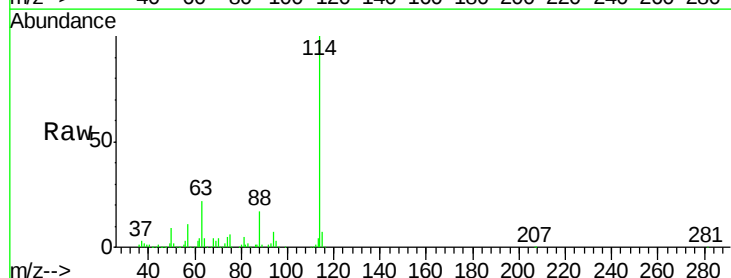
Tgt Ion: 114 Resp: 585493

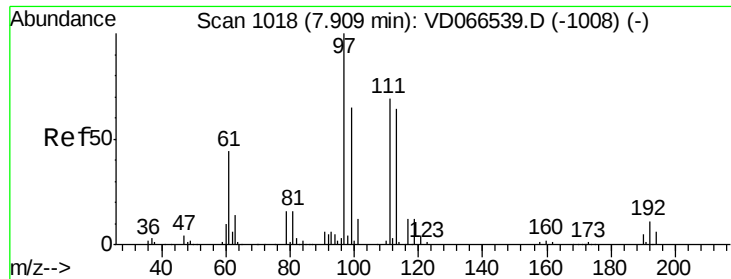
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 16.6 0.0 33.2





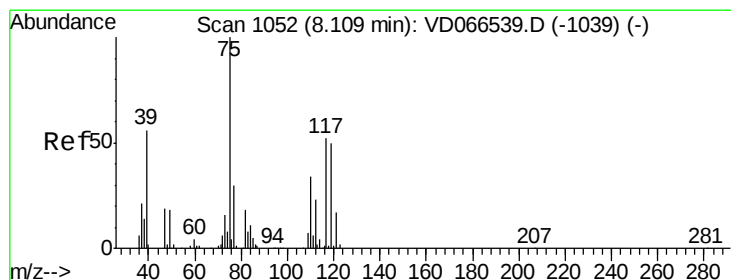
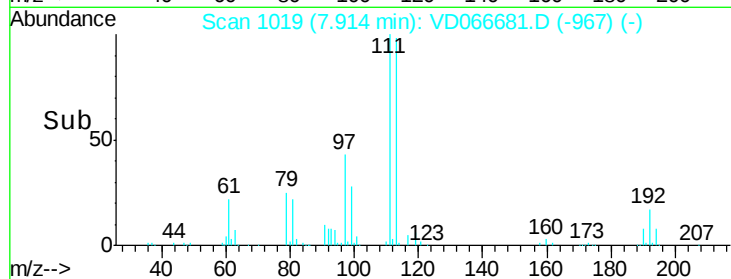
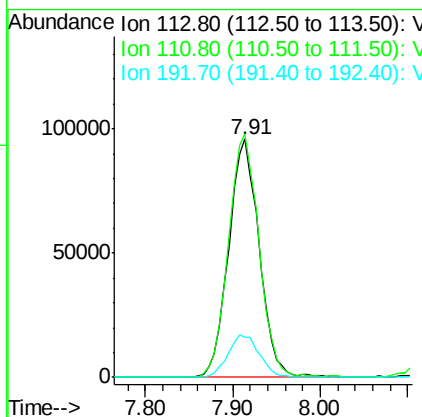
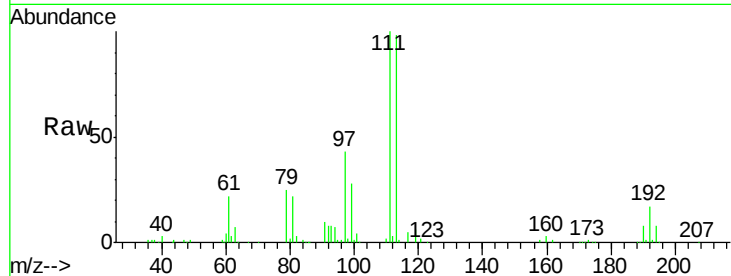
#35
Dibromofluoromethane
Concen: 57.424 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226813		
111	102.3	83.2	124.8	
192	18.2	13.7	20.5	

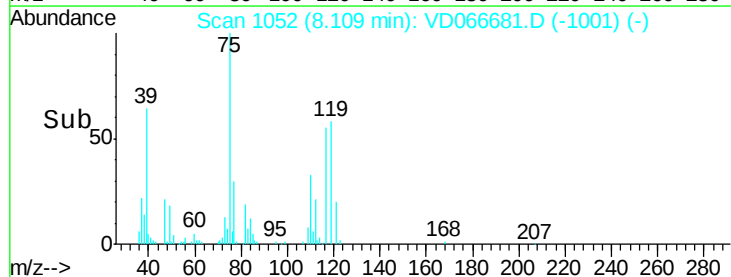
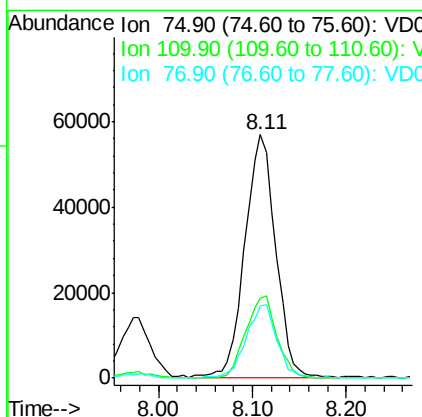
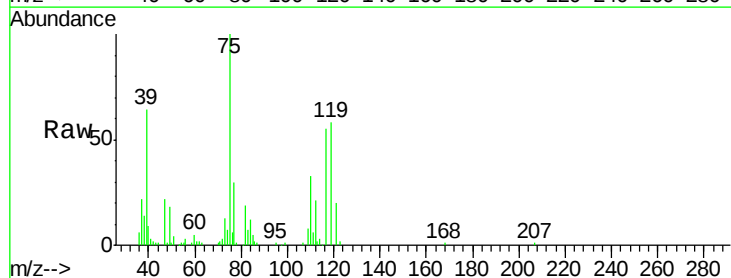
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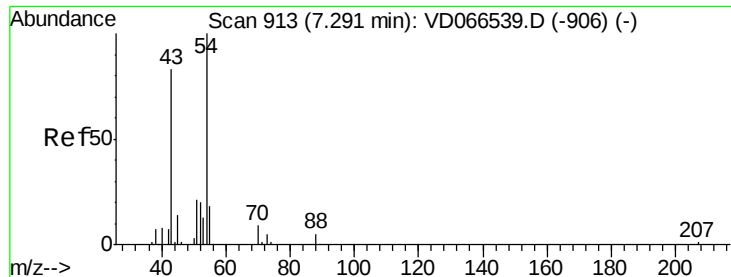
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#36
1,1-Dichloropropene
Concen: 21.123 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128705		
110	34.3	17.3	52.0	
77	30.4	25.1	37.7	





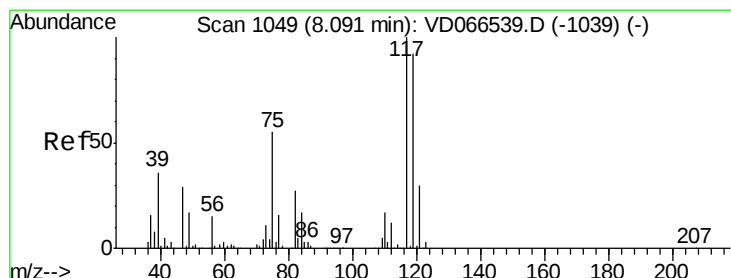
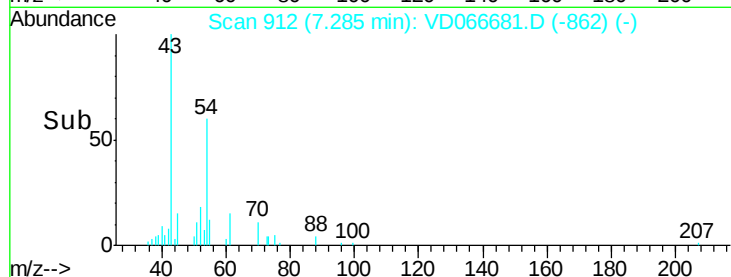
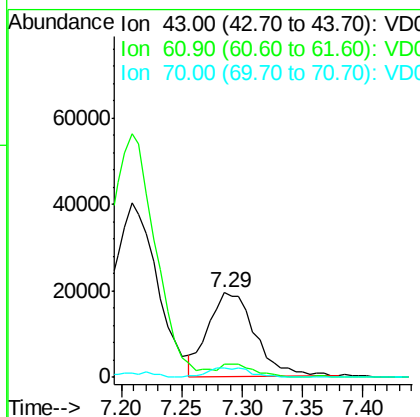
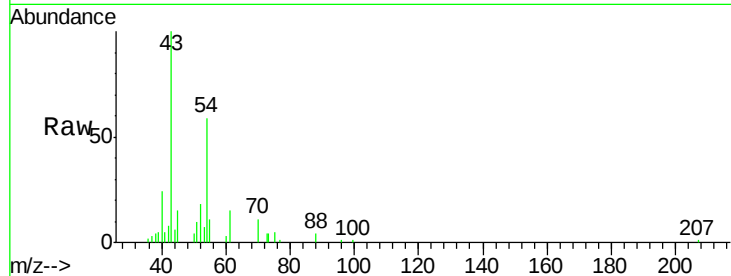
#37
Ethyl Acetate
Concen: 21.488 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.1	11.8	17.8#
70	10.4	7.9	11.9

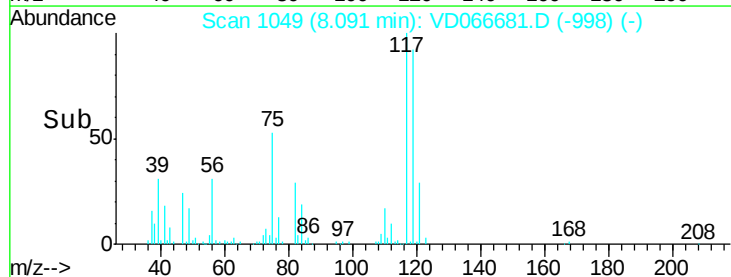
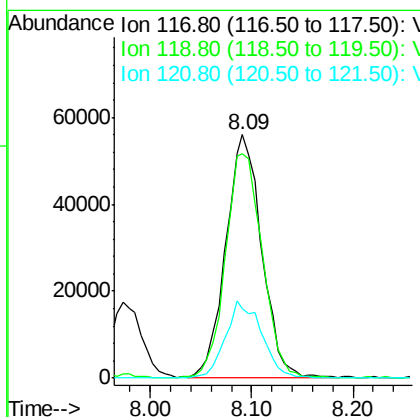
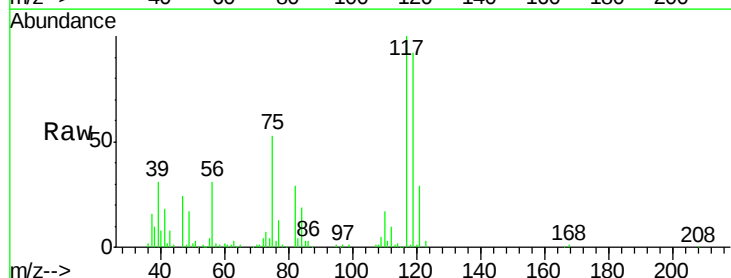
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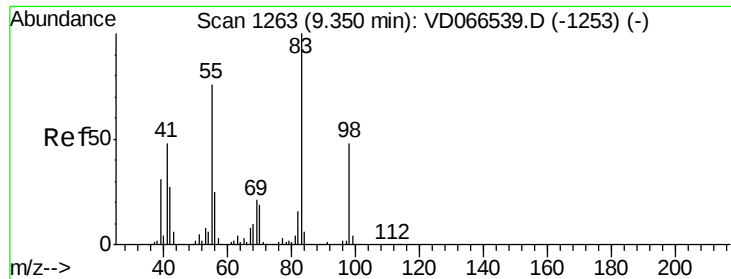
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#38
Carbon Tetrachloride
Concen: 21.236 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	73.9	110.9
121	28.8	24.1	36.1





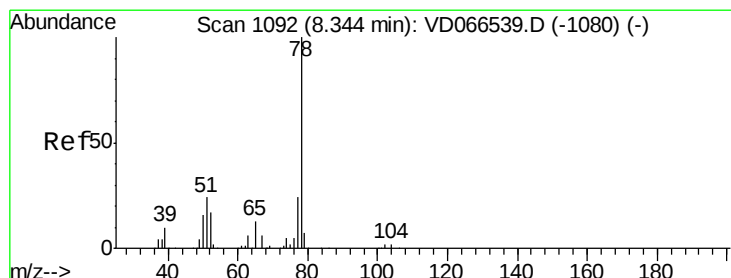
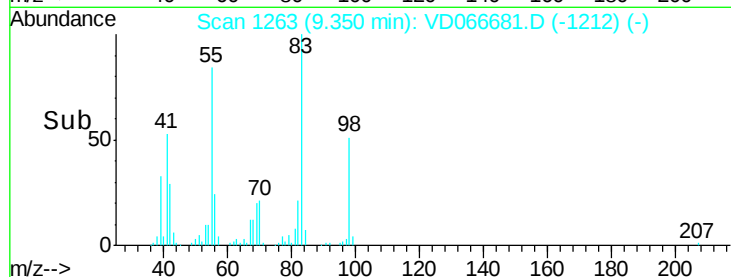
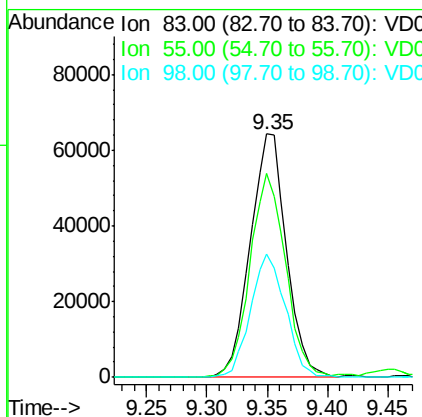
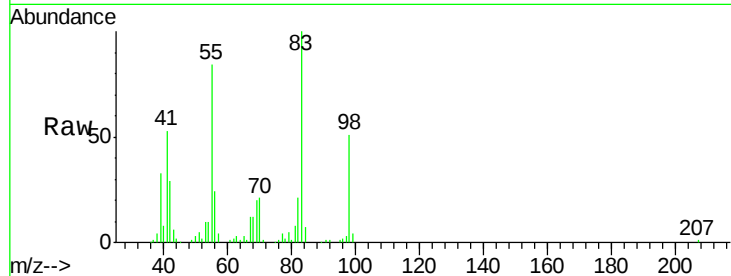
#39
Methvlcvclohexane
Concen: 19.773 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.7	60.8	91.2
98	50.6	38.6	58.0

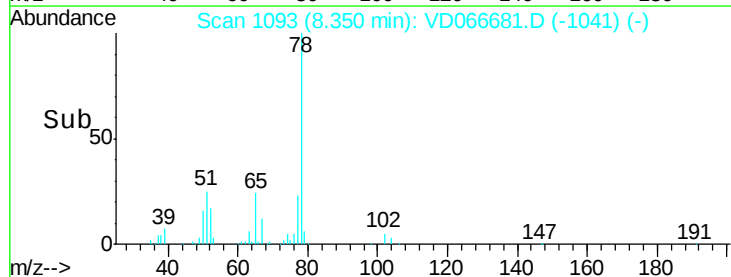
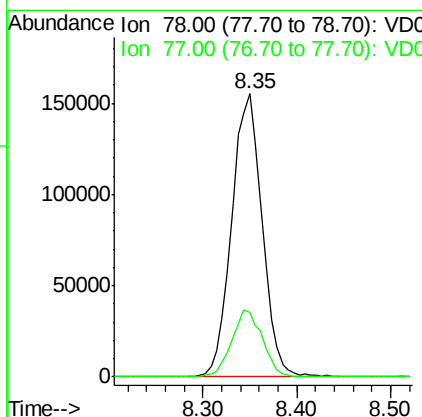
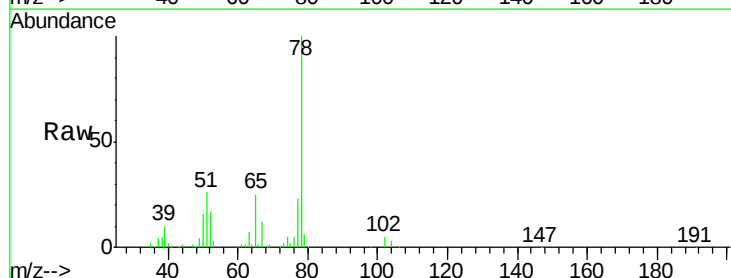
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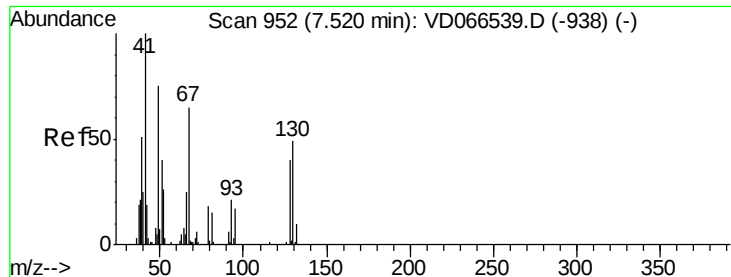
MMDadoda
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#40
Benzene
Concen: 20.953 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.1	28.7





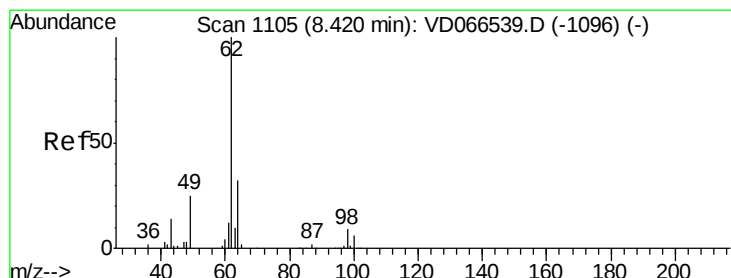
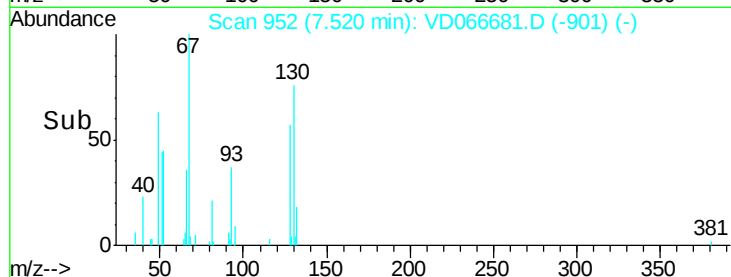
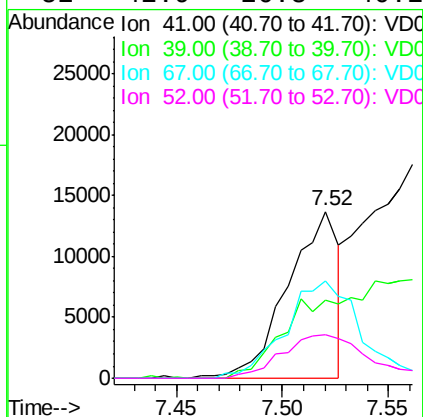
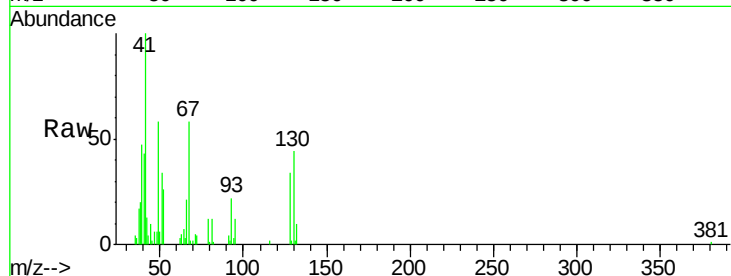
#41
Methacrylonitrile
Concen: 19.632 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	85.7	59.2	88.8
52	42.9	26.8	40.2#

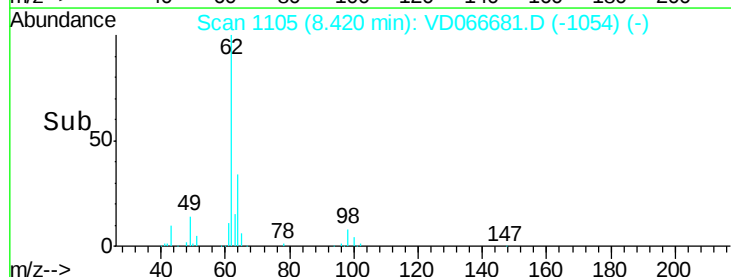
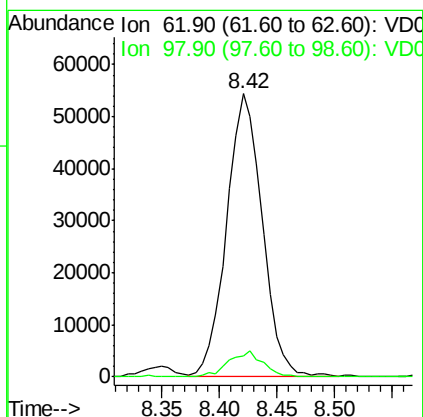
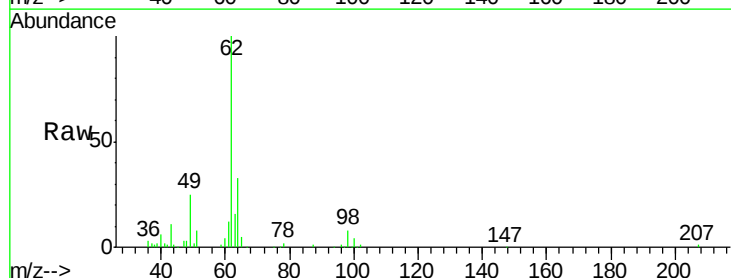
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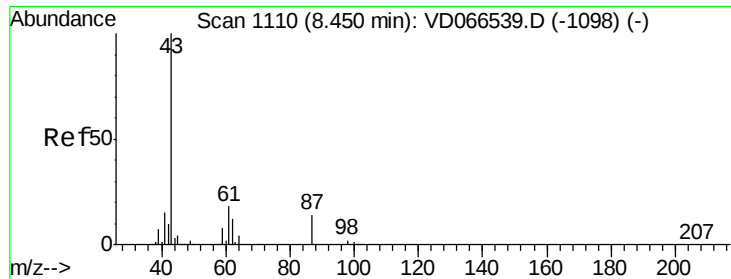
MMDadoda
9/15/2020 2:27:59 PM



#42
1,2-Dichloroethane
Concen: 21.644 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.201 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

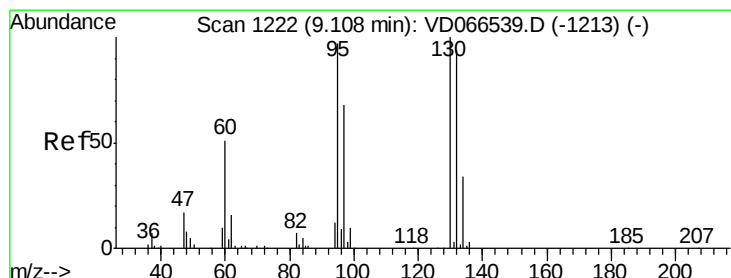
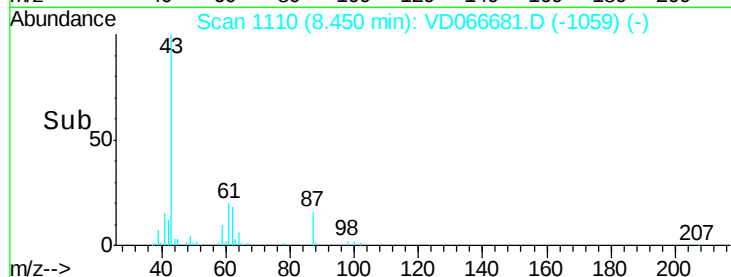
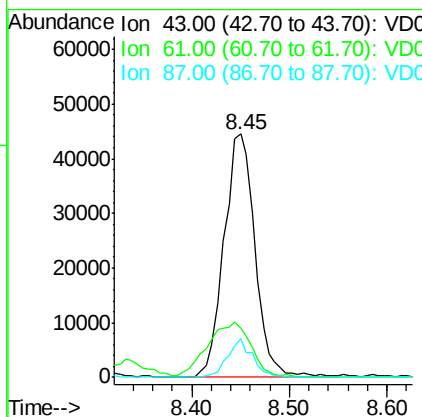
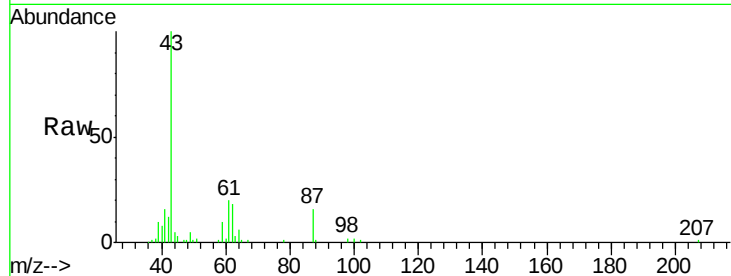
ClientSampleId :

VD0914SBS02

Tot Ion:	43	Resp:	98580
Ion	Ratio	Lower	Upper
43	100		
61	31.7	23.8	35.8
87	12.7	10.7	16.1

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#44

Trichloroethene

Concen: 21.302 ug/l

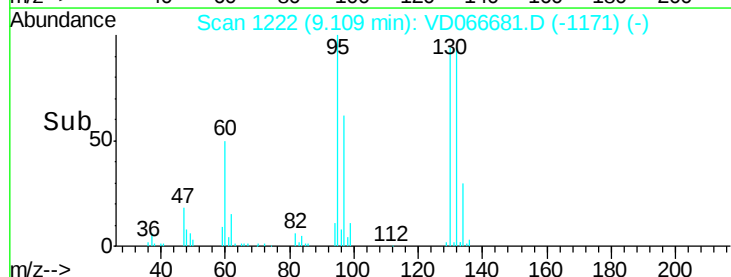
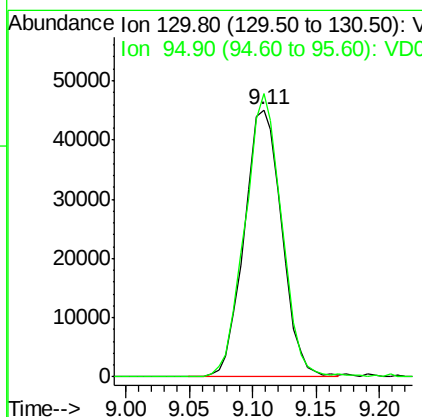
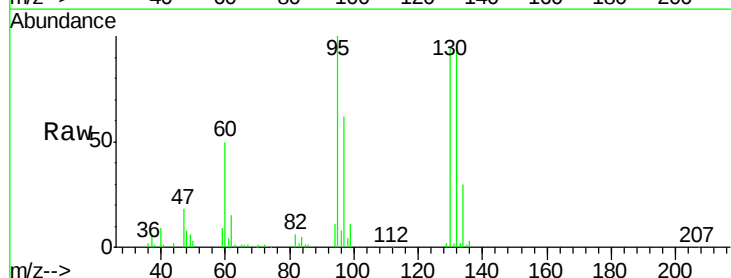
RT: 9.11 min Scan# 1222

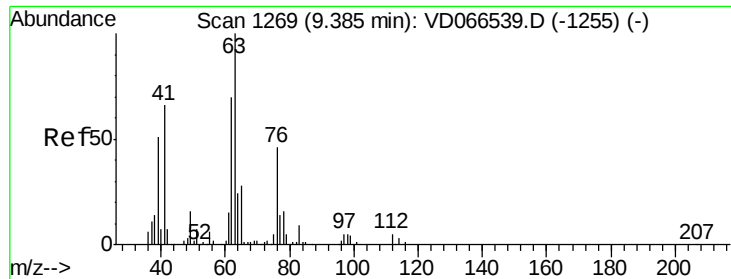
Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	130	Resp:	93247
Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	194.4





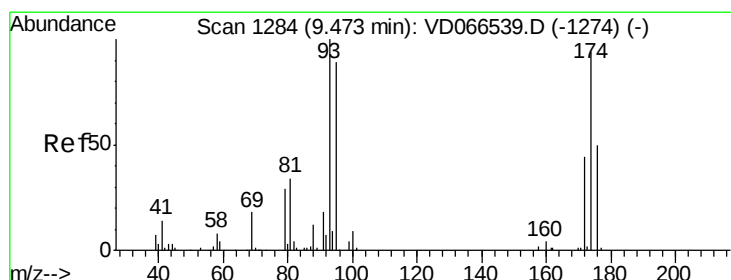
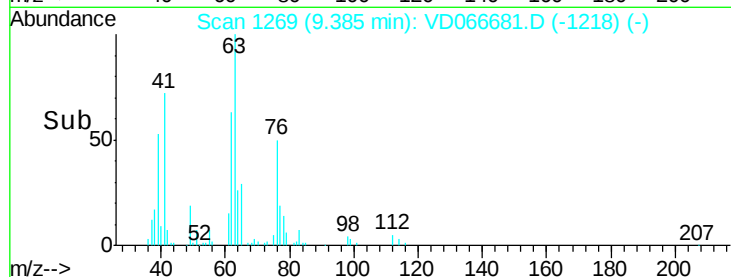
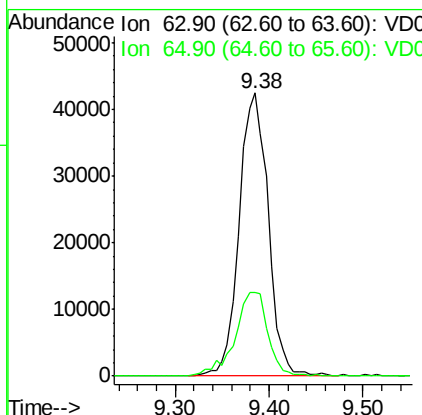
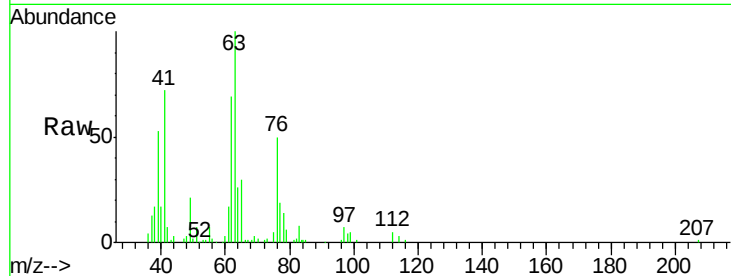
#45
 1,2-Dichloropropane
 Concen: 21.677 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion: 63 Resp: 90973
 Ion Ratio Lower Upper
 63 100
 65 29.7 22.6 34.0

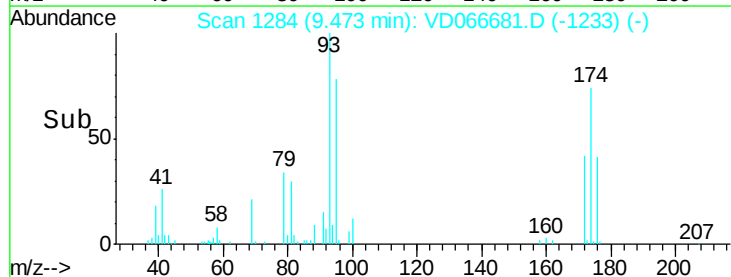
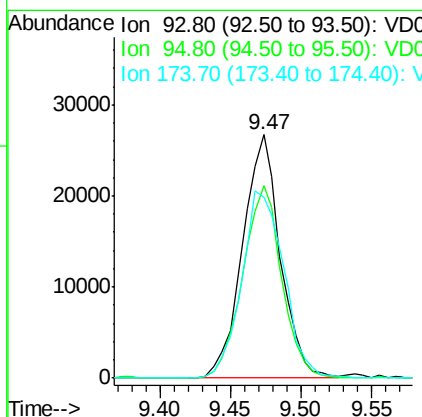
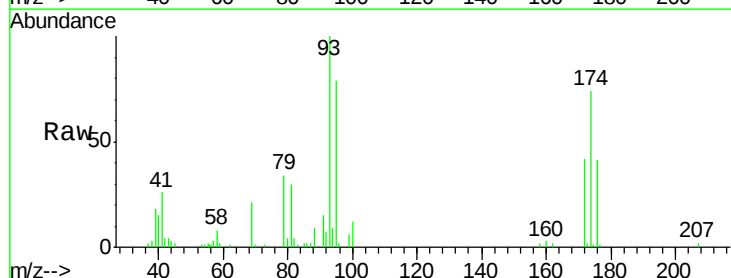
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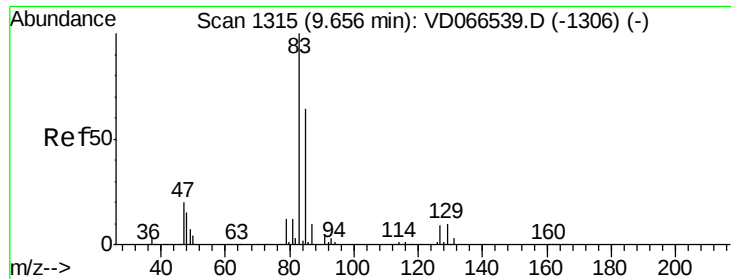
MMDadoda
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#46
 Dibromomethane
 Concen: 21.656 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion: 93 Resp: 50141
 Ion Ratio Lower Upper
 93 100
 95 81.3 68.7 103.1
 174 86.1 70.0 105.0





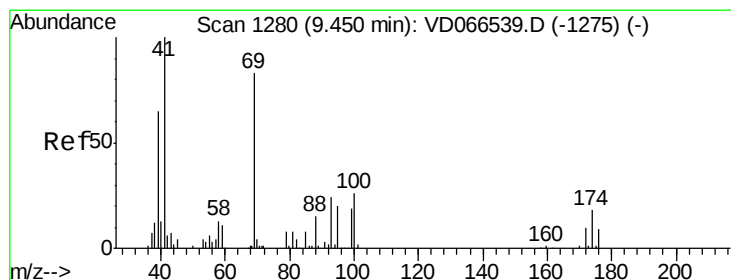
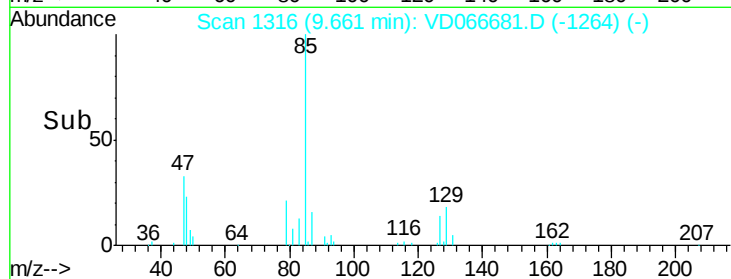
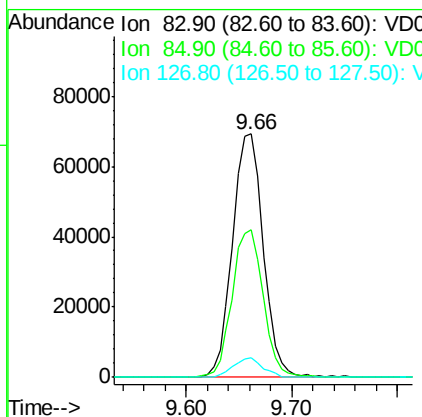
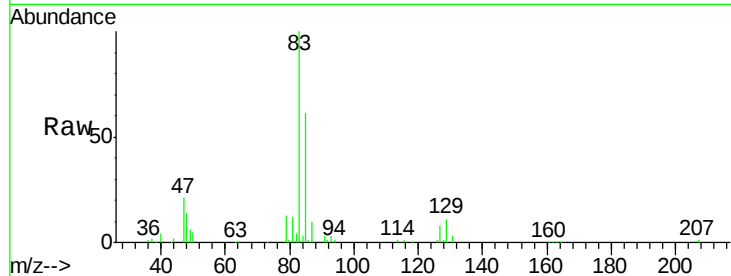
#47
Bromodichloromethane
Concen: 22.266 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	83	Resp	139482
Ion Ratio	100	Lower	Upper
83	100		
85	60.6	51.1	76.7
127	8.3	6.9	10.3

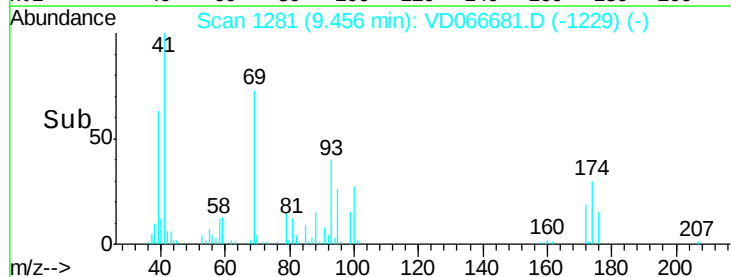
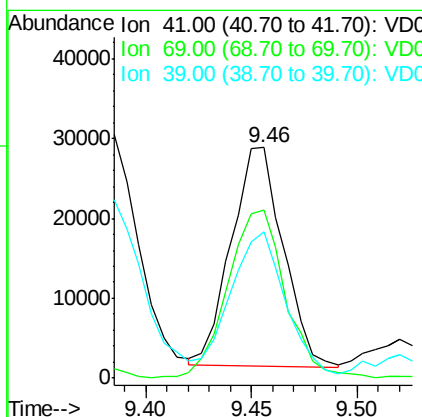
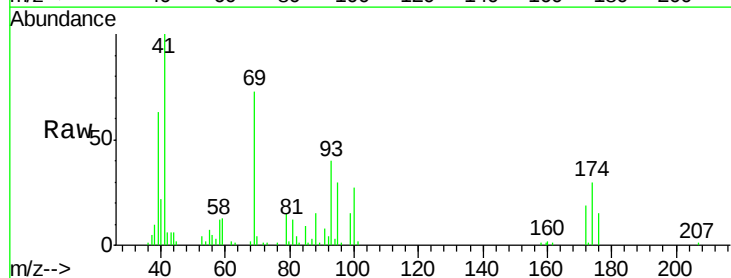
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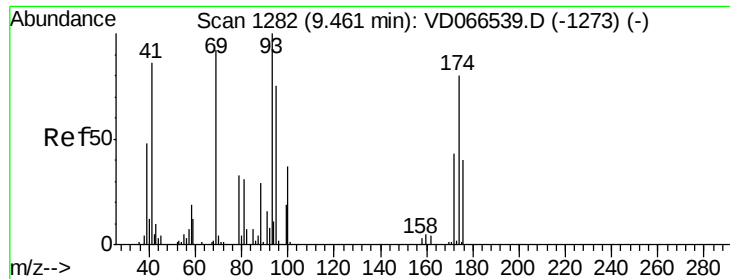
MMDadoda
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#48
Methyl methacrylate
Concen: 19.890 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	41	Resp	46765
Ion Ratio	100	Lower	Upper
41	100		
69	85.4	64.5	96.7
39	71.8	46.6	69.8#





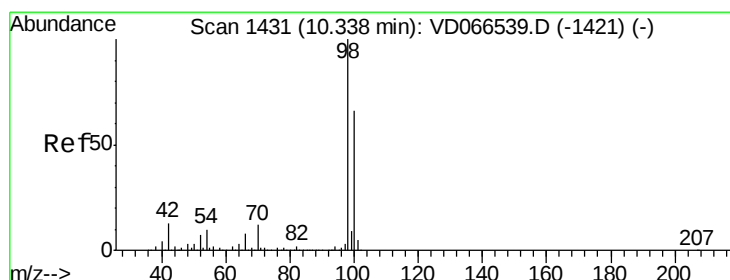
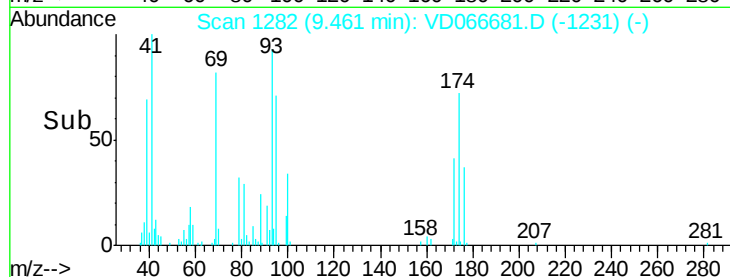
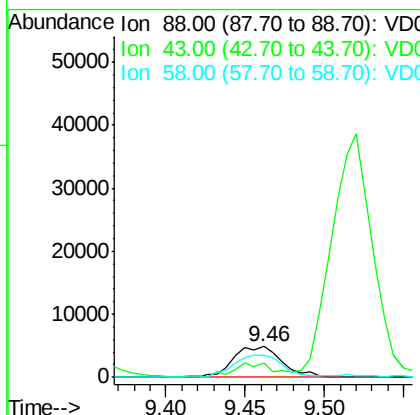
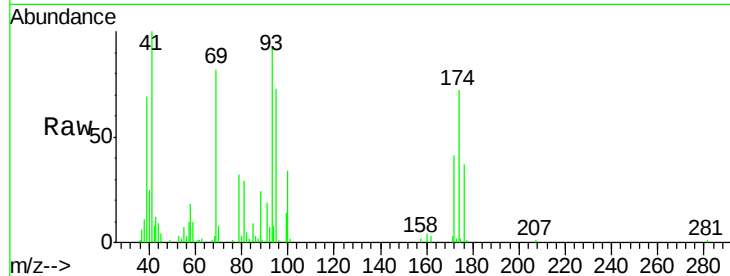
#49
1,4-Dioxane
Concen: 411.276 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	88	Resp	10447
Ion Ratio	Lower	Upper	
88	100		
43	42.1	28.3	42.5
58	72.7	56.1	84.1

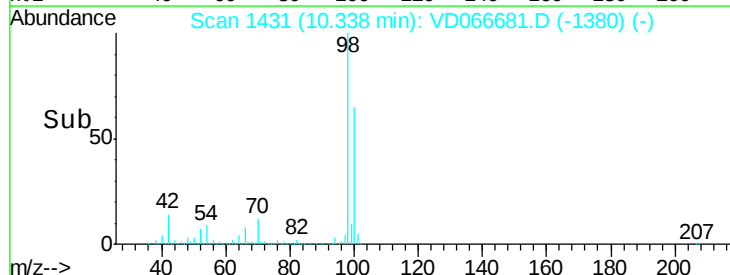
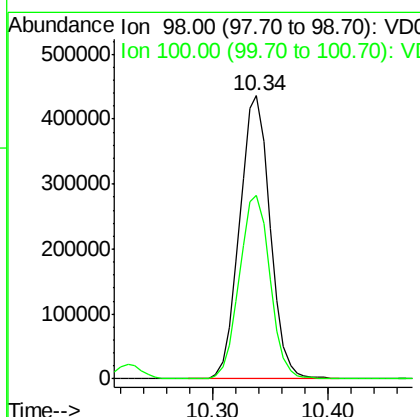
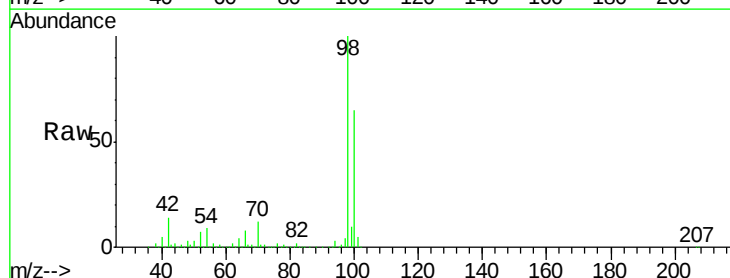
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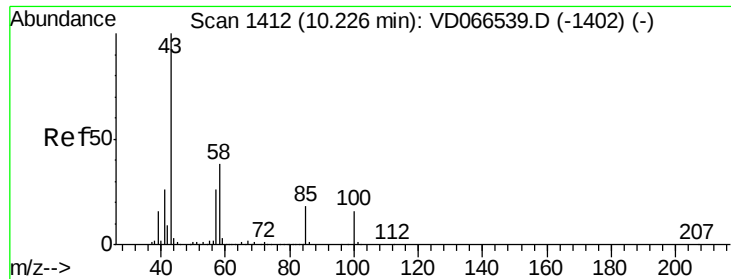
MMDadoda
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#50
Toluene-d8
Concen: 56.692 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	98	Resp	800321
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.9	79.3





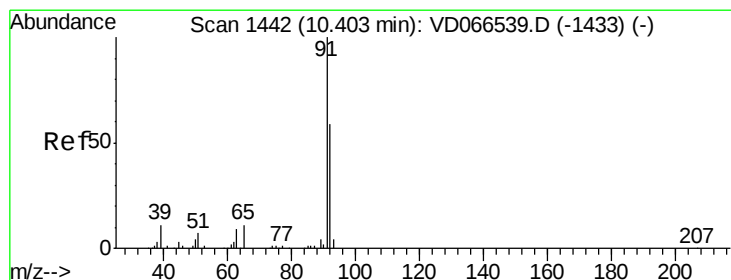
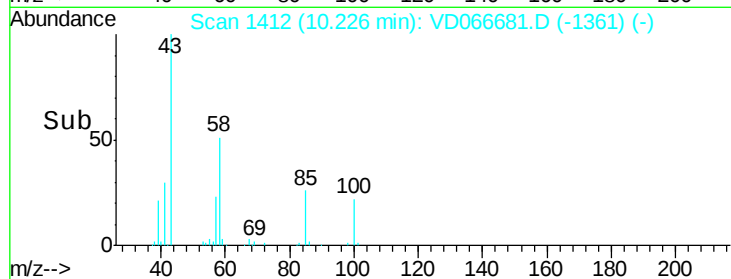
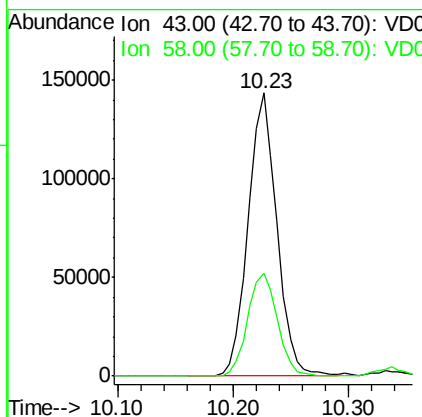
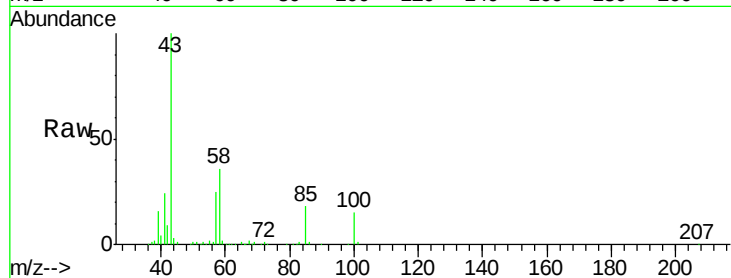
#51
4-Methyl-2-Pentanone
Concen: 106.019 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.5	45.7

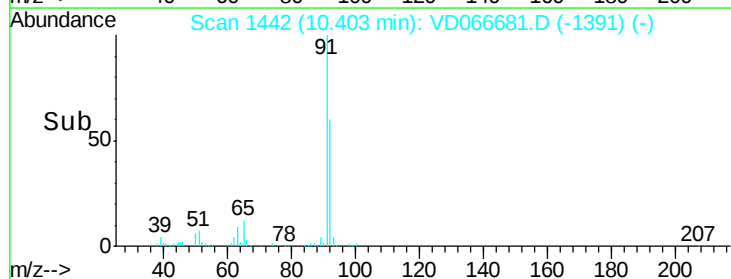
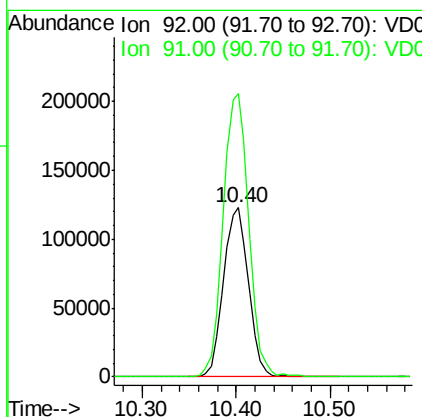
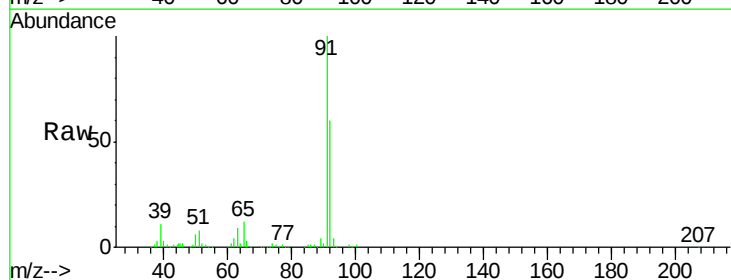
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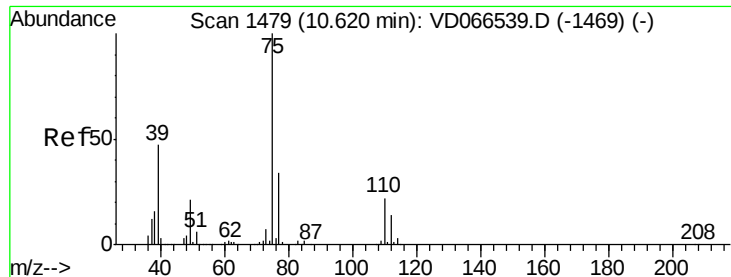
MMDadoda
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#52
Toluene
Concen: 21.564 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.4	206.2





#53

t-1,3-Dichloropropene

Concen: 20.998 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 75 Resp: 116117

Ion Ratio Lower Upper

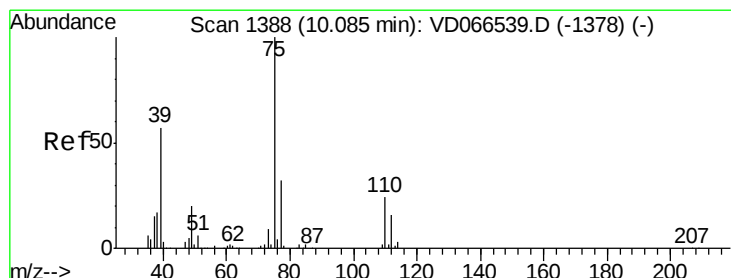
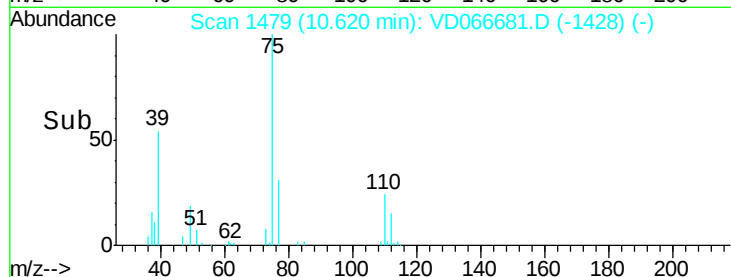
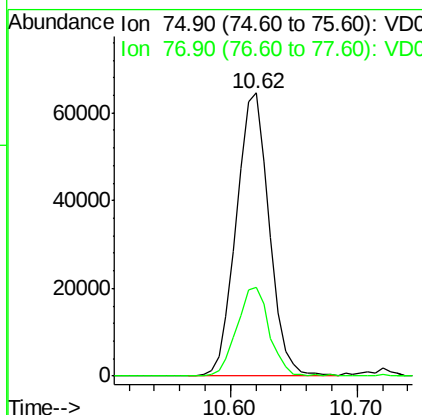
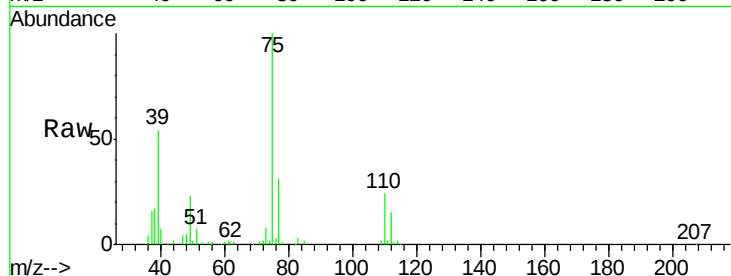
75 100

77 31.3 27.4 41.2

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#54

cis-1,3-Dichloropropene

Concen: 21.158 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

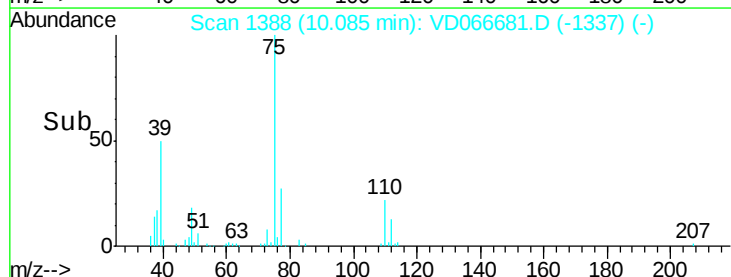
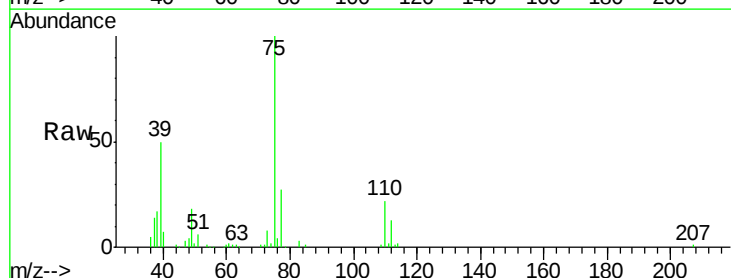
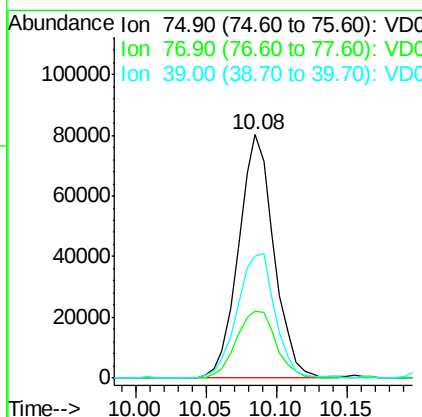
Tgt Ion: 75 Resp: 140506

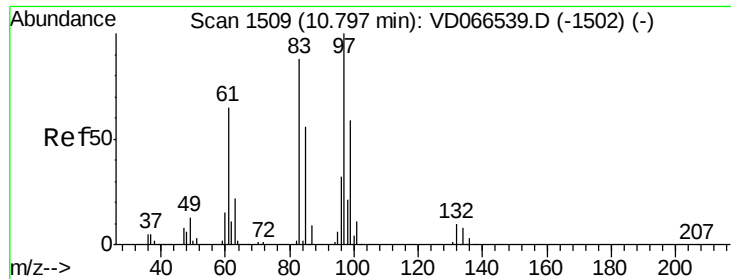
Ion Ratio Lower Upper

75 100

77 27.3 25.4 38.0

39 50.0 45.4 68.0





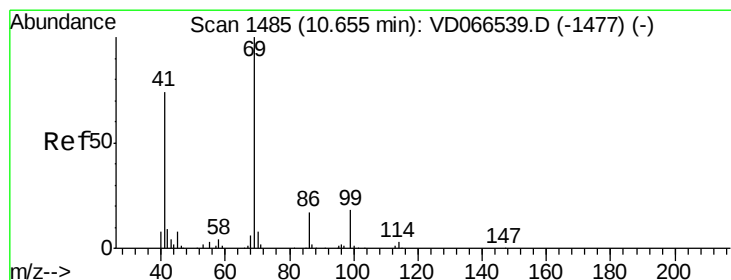
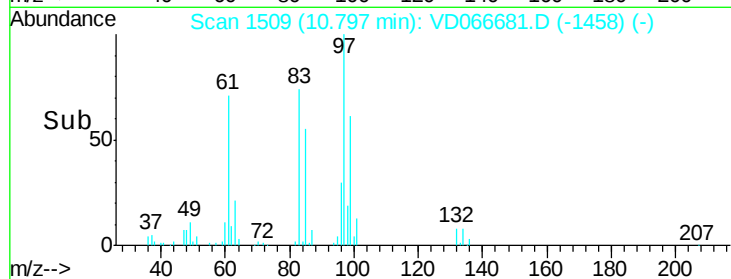
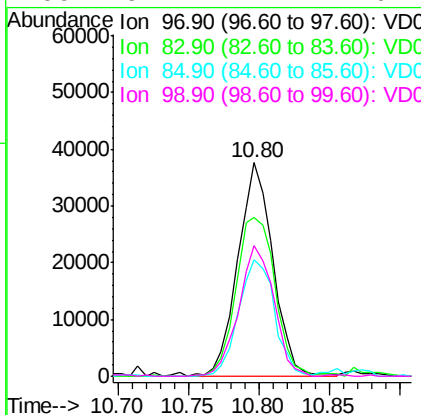
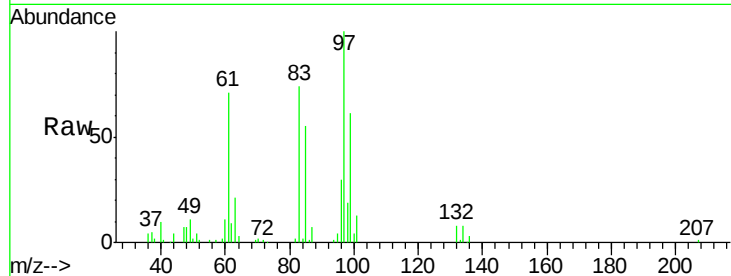
#55
 1,1,2-Trichloroethane
 Concen: 22.024 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	97	Resp	65565
Ion	Ratio	Lower	Upper
97	100		
83	74.1	70.1	105.1
85	54.7	44.5	66.7
99	61.2	47.1	70.7

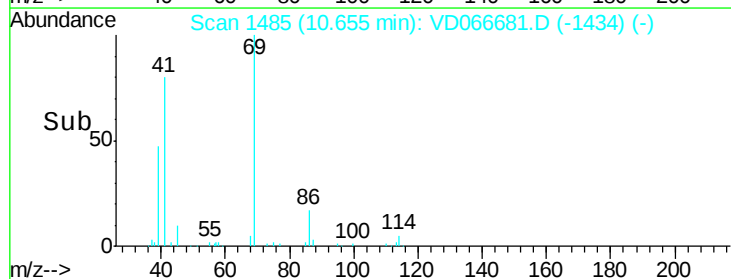
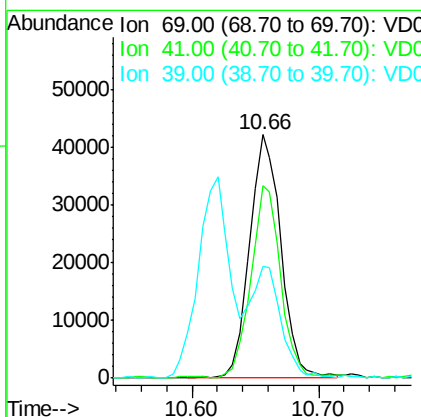
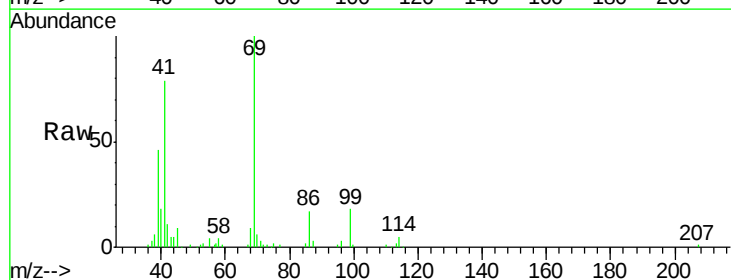
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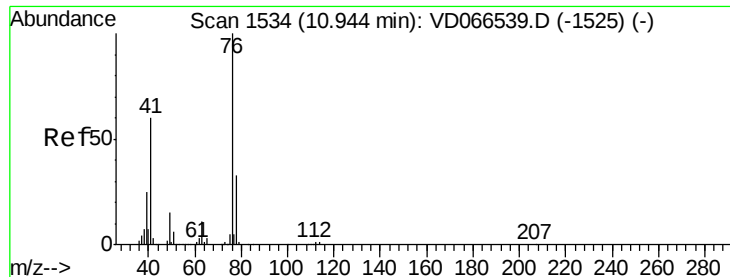
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#56
 Ethyl methacrylate
 Concen: 21.013 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	69	Resp	72837
Ion	Ratio	Lower	Upper
69	100		
41	76.1	56.8	85.2
39	45.5	30.6	46.0





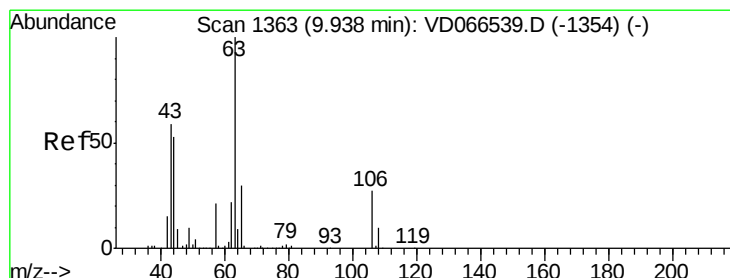
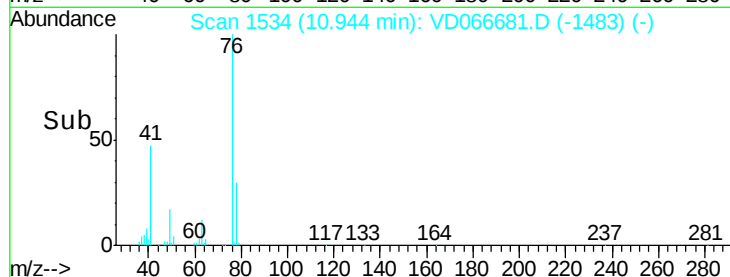
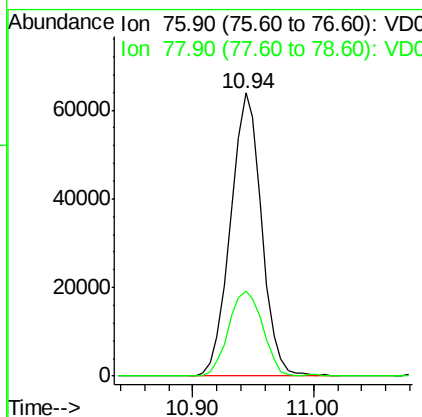
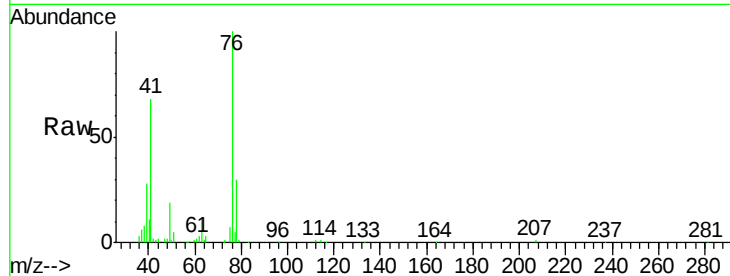
#57
 1,3-Dichloropropane
 Concen: 21.922 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion: 76 Resp: 114309
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8

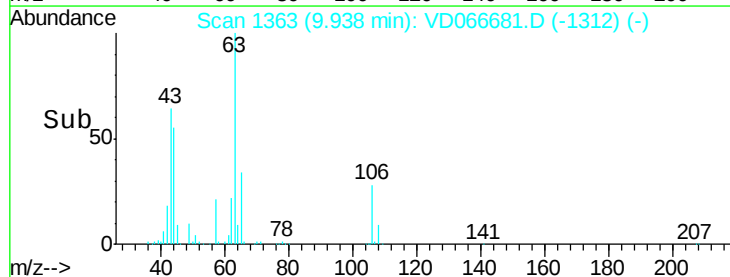
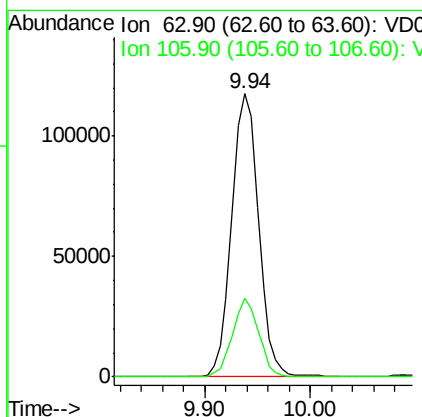
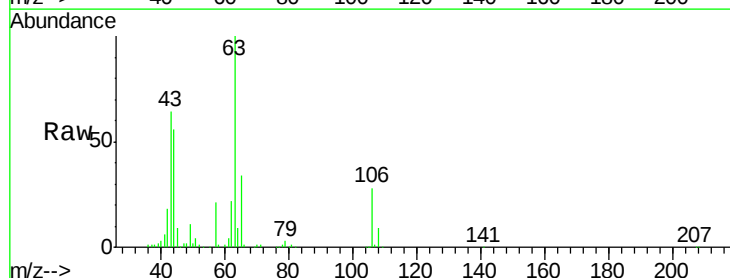
Manual Integrations
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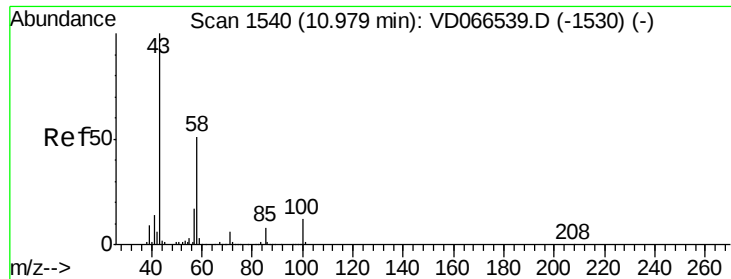
MMDadoda
 9/15/2020 2:27:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 130.565 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion: 63 Resp: 207003
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.0 33.0





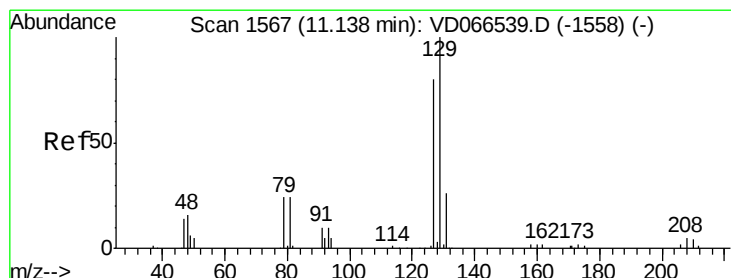
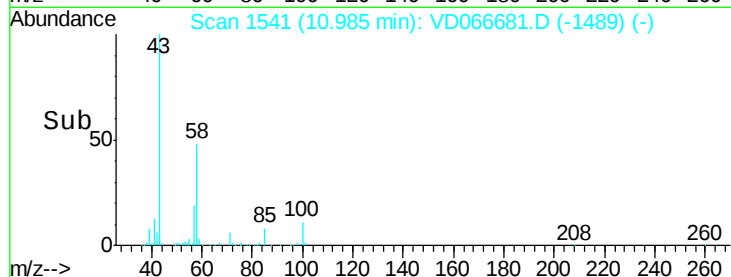
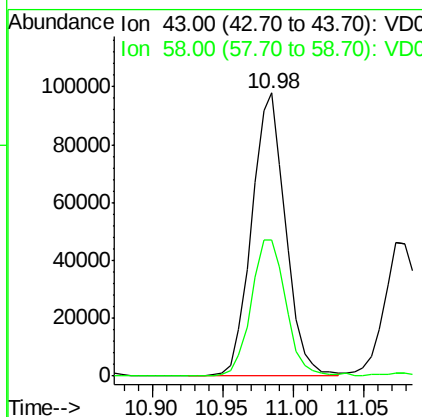
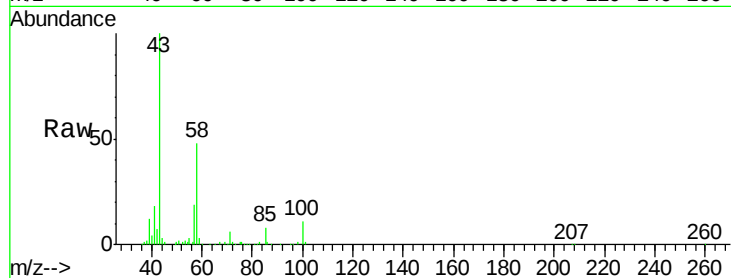
#59
2-Hexanone
Concen: 104.769 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion: 43 Resp: 165216
Ion Ratio Lower Upper
43 100
58 49.2 25.6 76.8

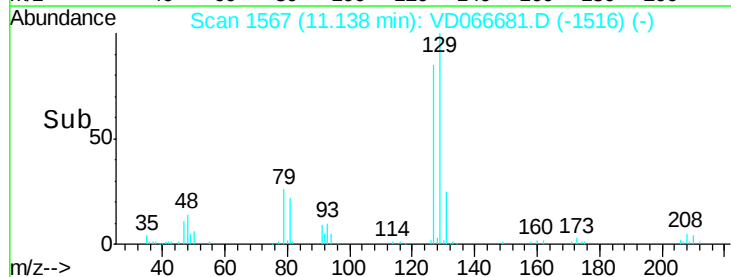
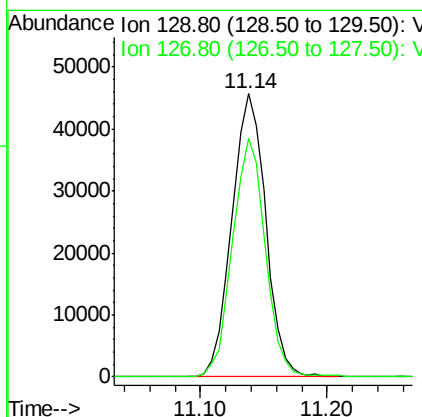
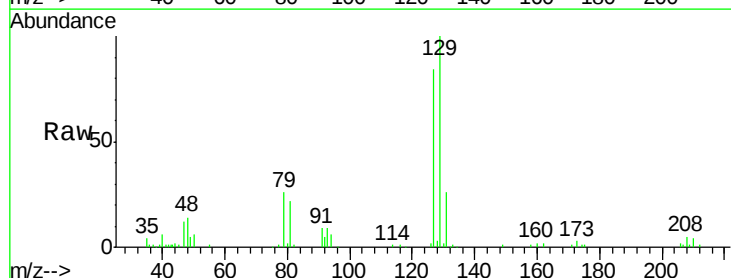
Manual Integrations
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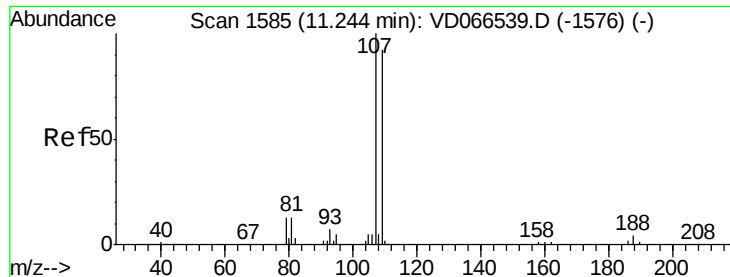
MMDadoda
9/15/2020 2:27:59 PM



#60
Dibromochloromethane
Concen: 21.475 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion: 129 Resp: 84539
Ion Ratio Lower Upper
129 100
127 81.6 39.5 118.3





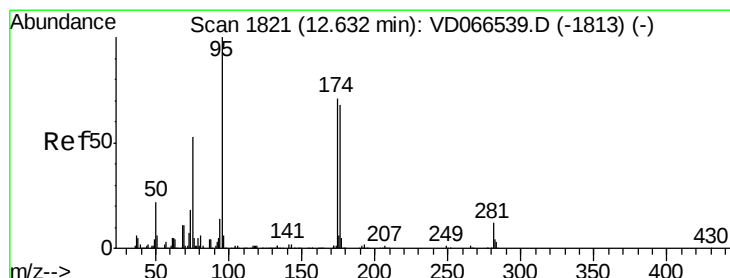
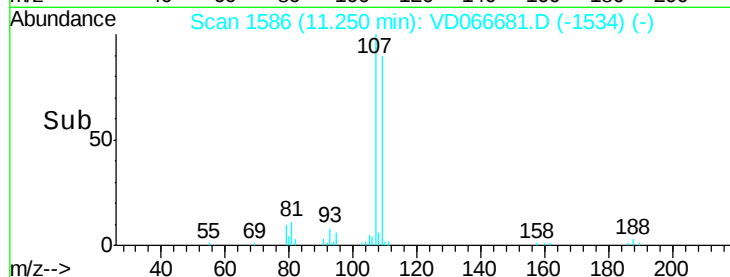
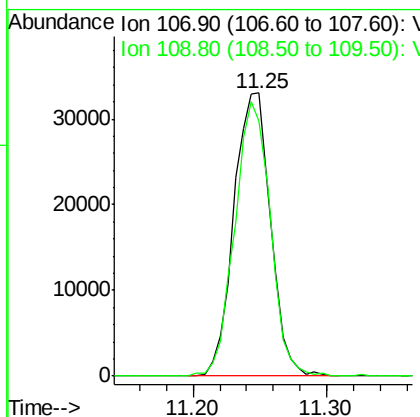
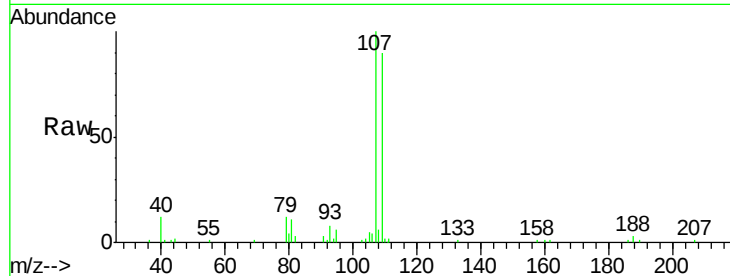
#61
 1,2-Dibromoethane
 Concen: 21.635 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.4	111.6

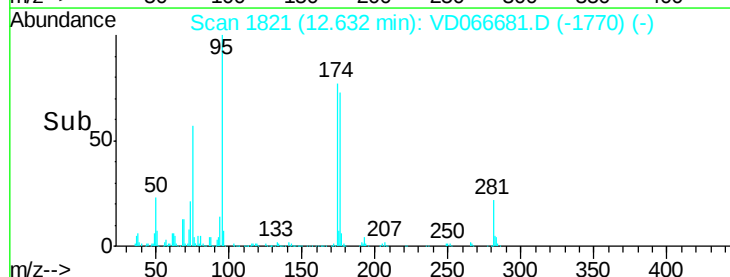
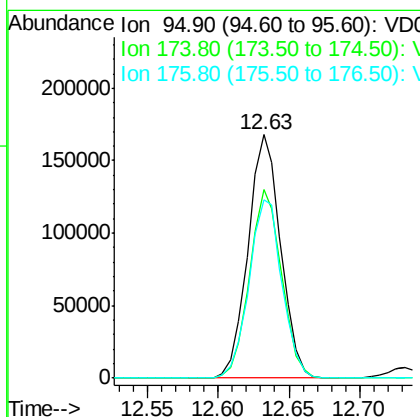
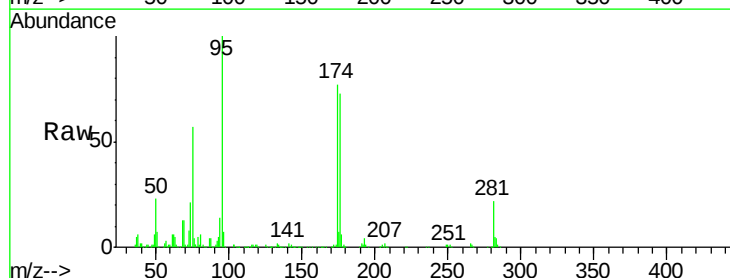
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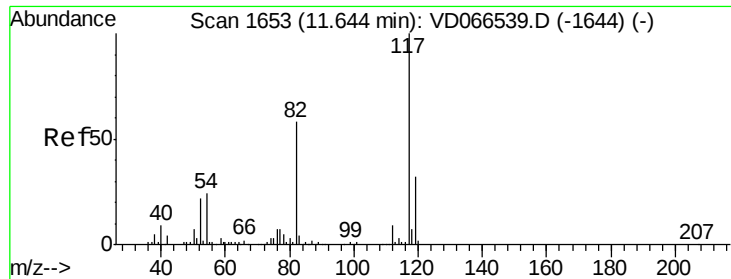
MMDadoda
 9/15/2020 2:27:59 PM



#62
 4-Bromofluorobenzene
 Concen: 58.157 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	155.8
176	74.2	0.0	148.6





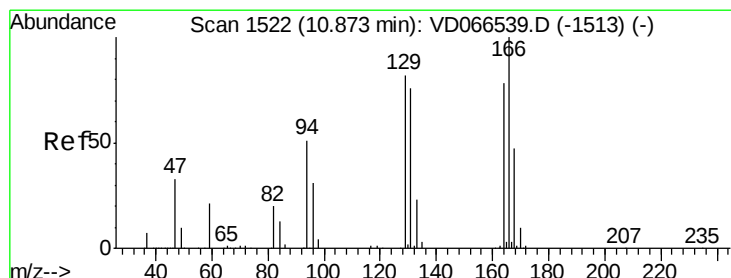
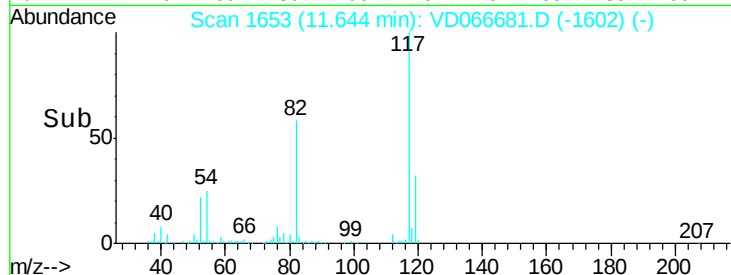
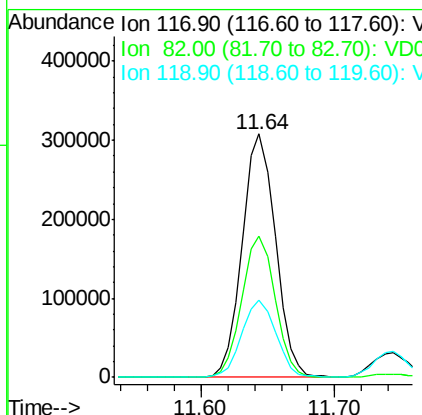
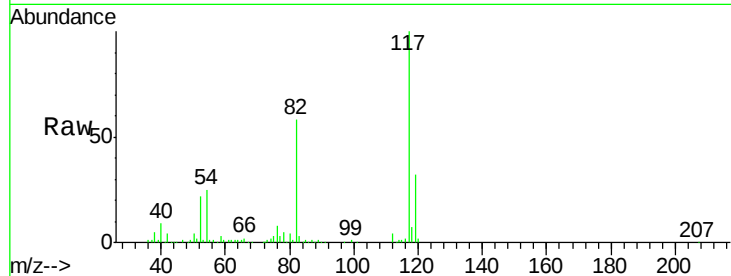
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	531962		
82	58.2	46.2	69.2	
119	31.9	25.8	38.8	

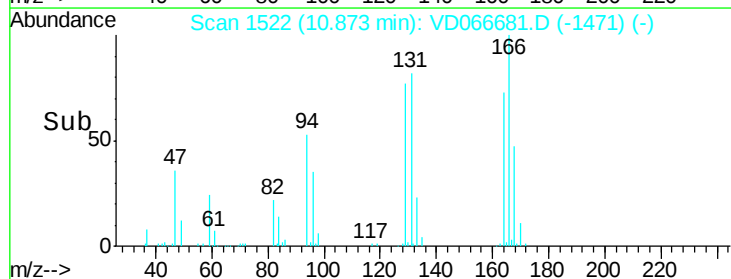
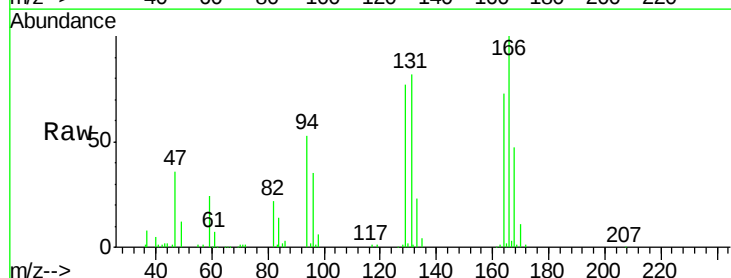
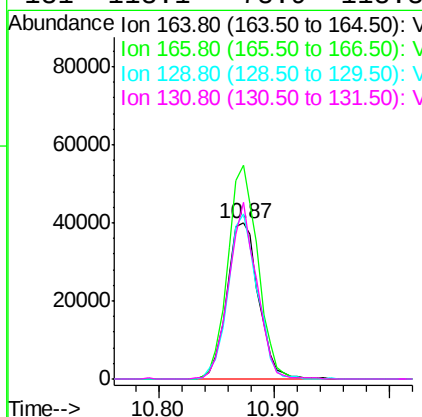
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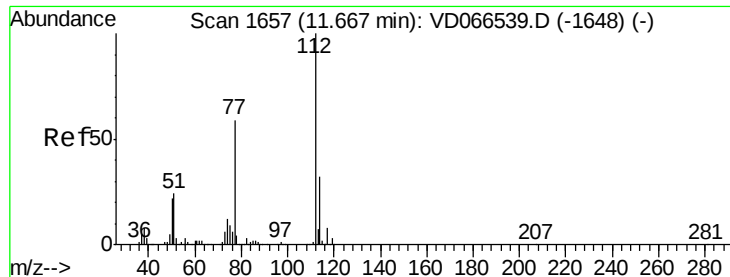
MMDadoda
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#64
Tetrachloroethene
Concen: 21.142 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75725		
166	137.2	103.2	154.8	
129	105.7	84.5	126.7	
131	113.1	78.9	118.3	





#65

Chlorobenzene

Concen: 21.239 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion:112 Resp: 233192

Ion Ratio Lower Upper

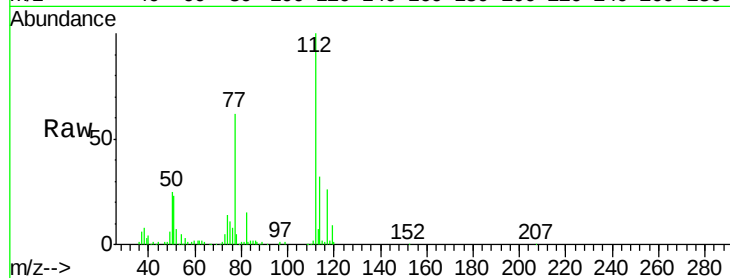
112 100

114 32.2 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

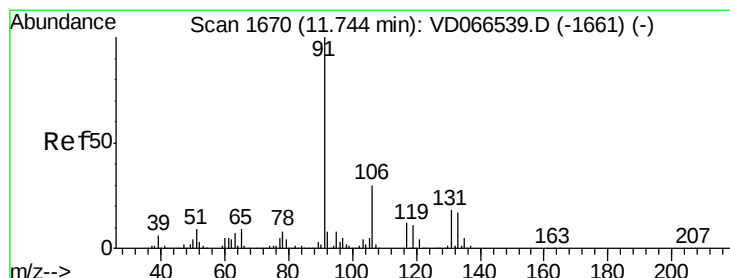
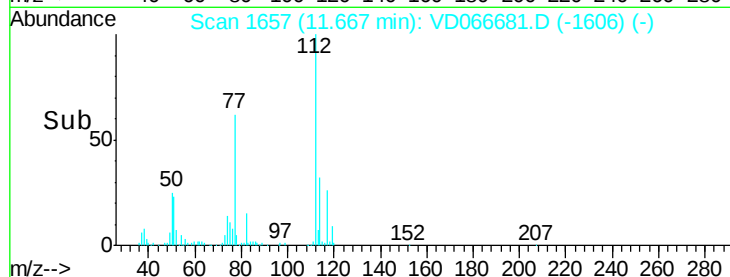
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.194 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

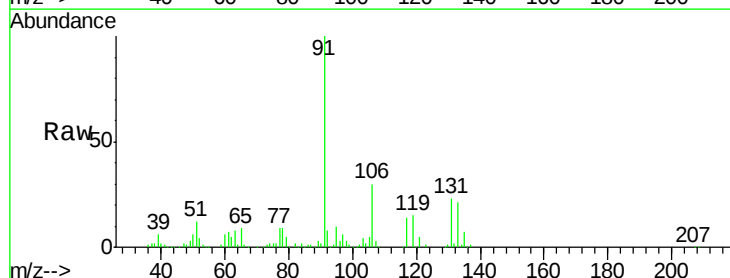
Tgt Ion:131 Resp: 88807

Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

119 65.6 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

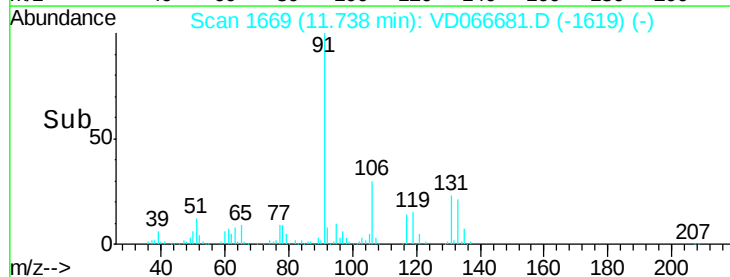
11.74

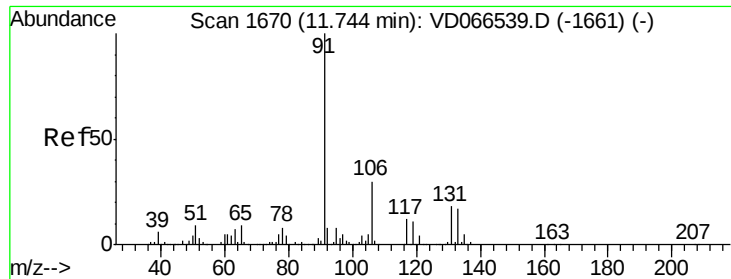
100000

50000

0

Time-->





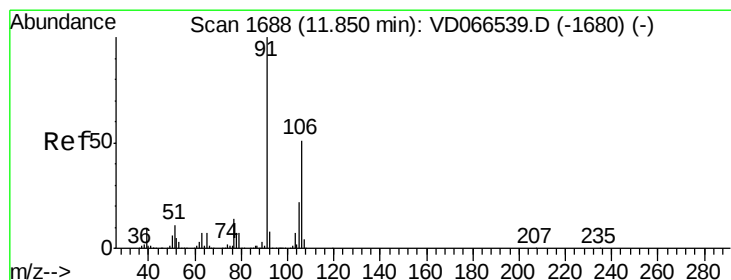
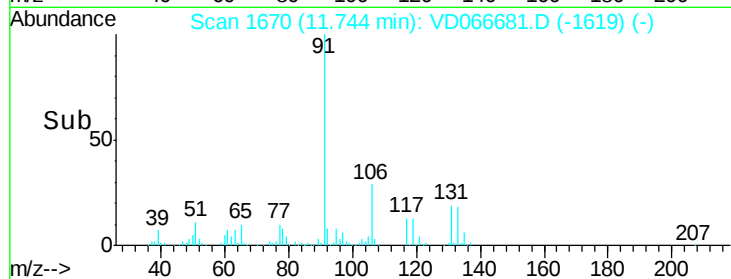
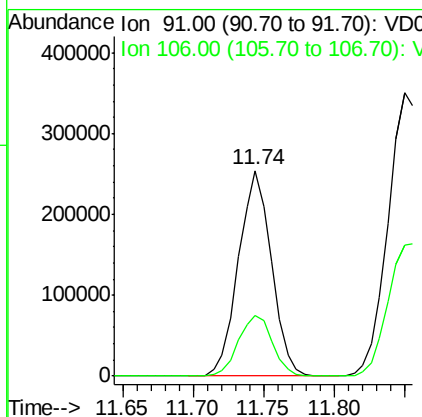
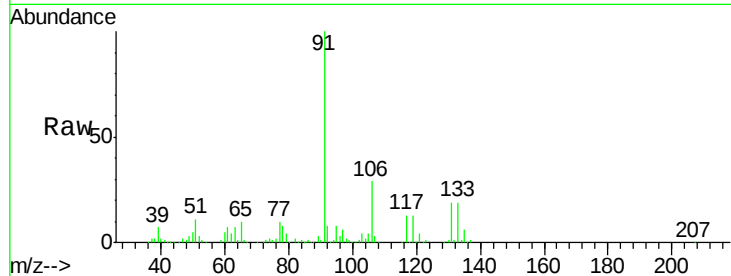
#67
Ethyl Benzene
Concen: 20.642 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.3	36.5

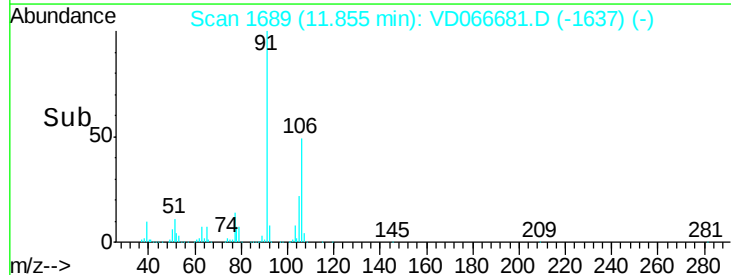
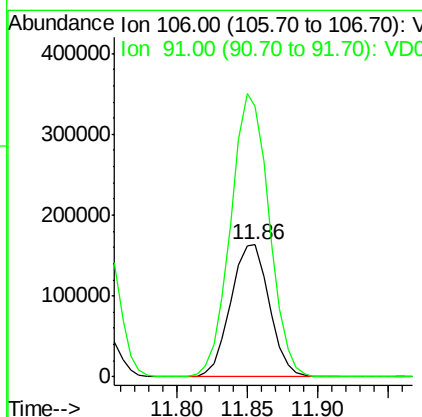
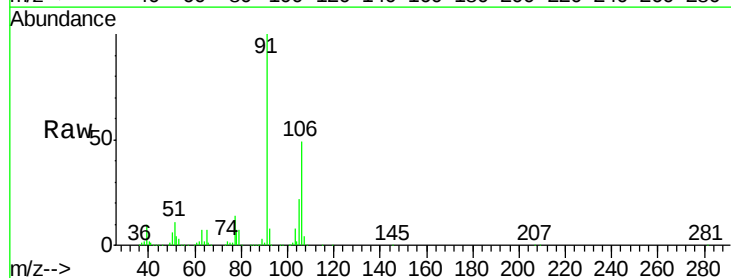
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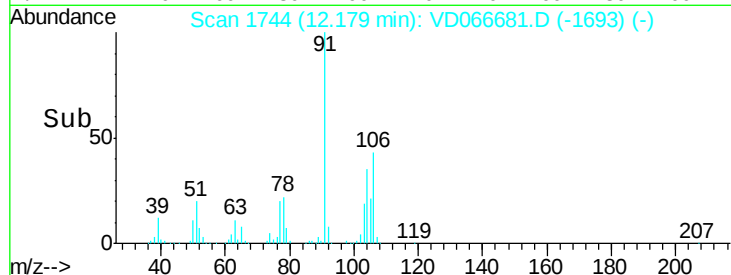
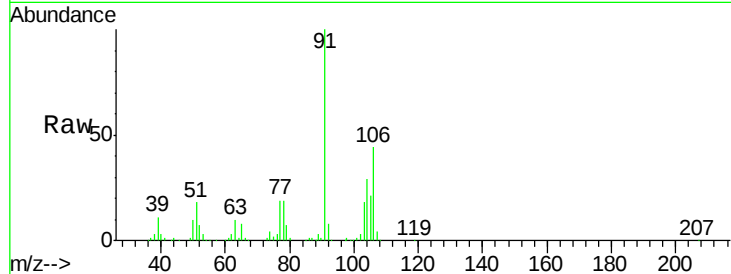
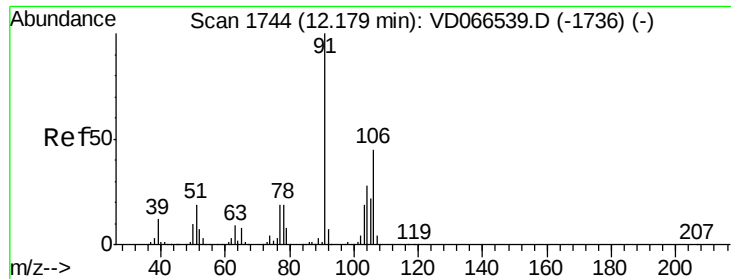
MMDadoda
9/15/2020 2:27:59 PM



#68
m/p-Xylenes
Concen: 41.827 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.7	162.4	243.6





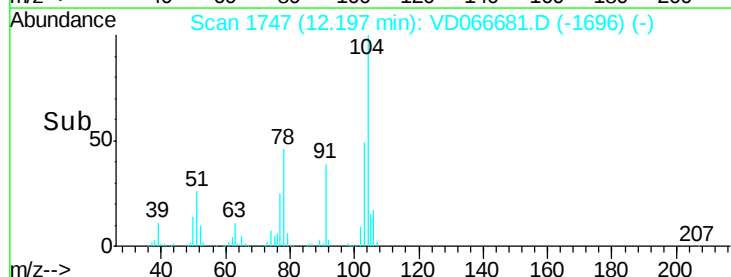
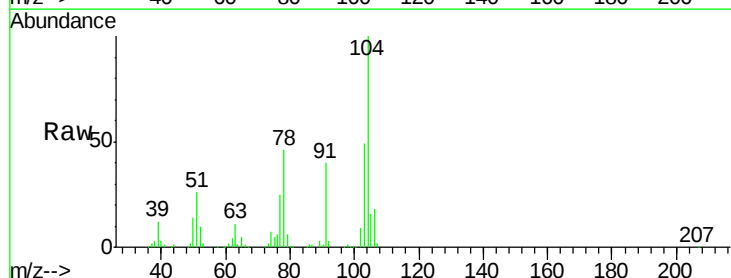
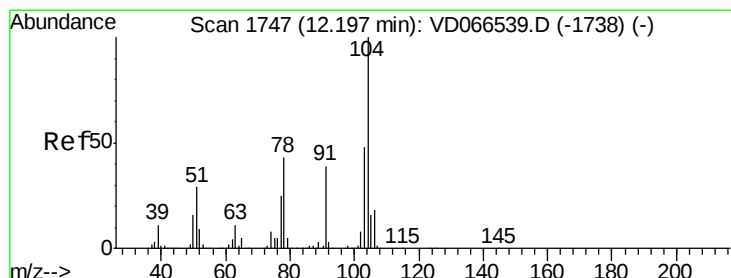
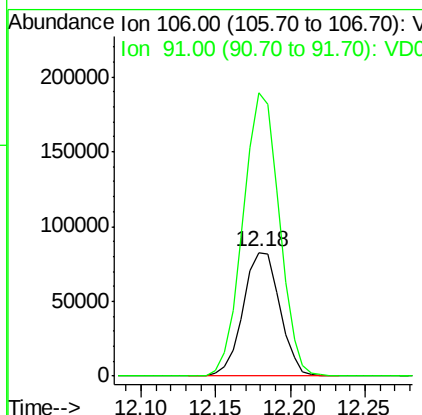
#69
o-Xylene
Concen: 20.988 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tot Ion	Ratio	Resp	Lower	Upper
106	100	140797		
91	226.6	107.9	323.8	

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

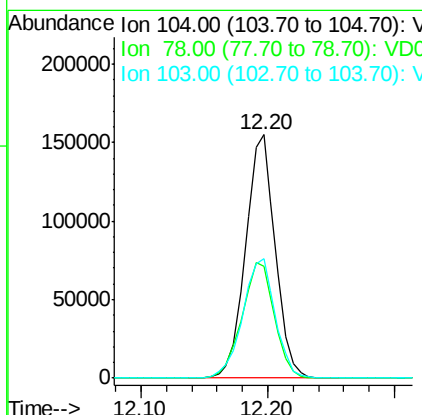
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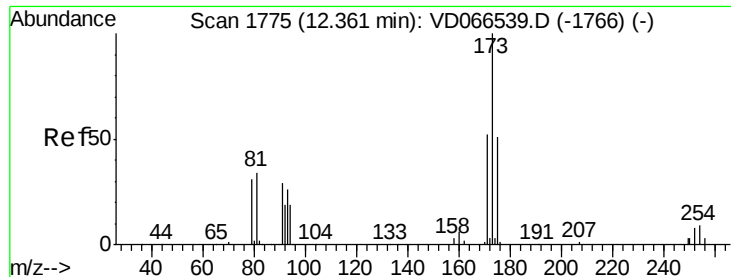
MMDadoda
9/15/2020 2:27:59 PM



#70
Styrene
Concen: 21.585 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	251737		
78	52.2	40.7	61.1	
103	53.6	42.9	64.3	





#71

Bromoform

Concen: 21.146 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion:173 Resp: 44656

Ion Ratio Lower Upper

173 100

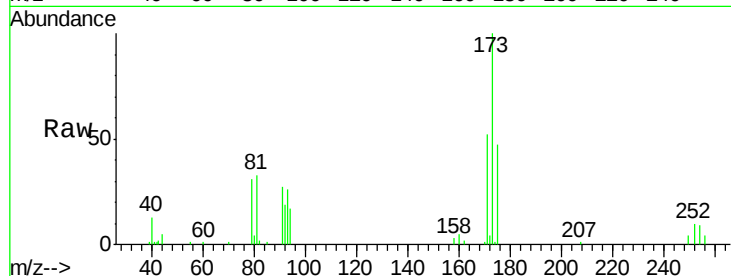
175 48.3 24.2 72.6

254 0.0 0.0 0.0

Manual Integrations
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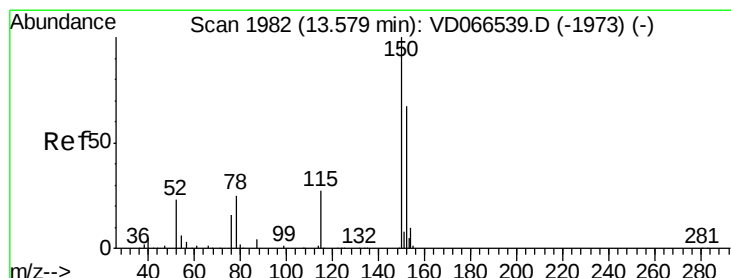
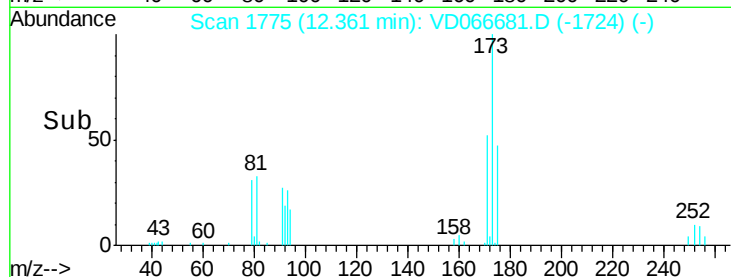
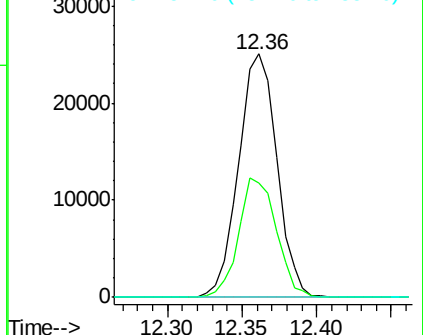
9/15/2020 2:27:59 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

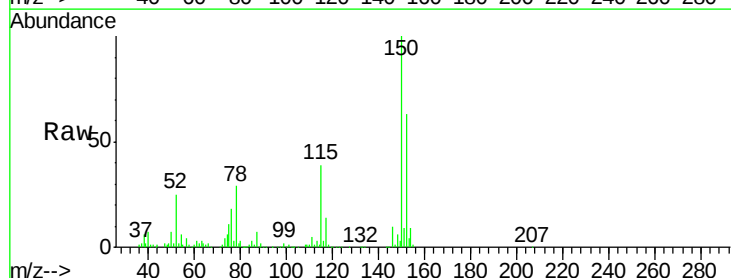
Tgt Ion:152 Resp: 246485

Ion Ratio Lower Upper

152 100

115 63.6 30.4 91.2

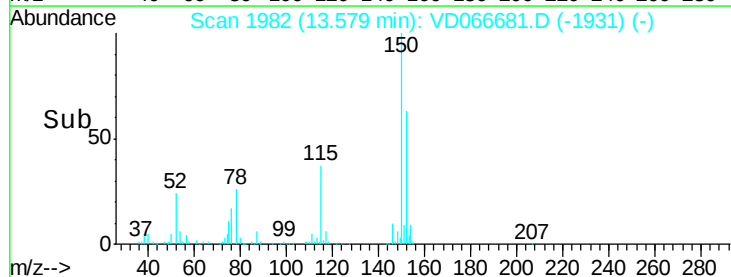
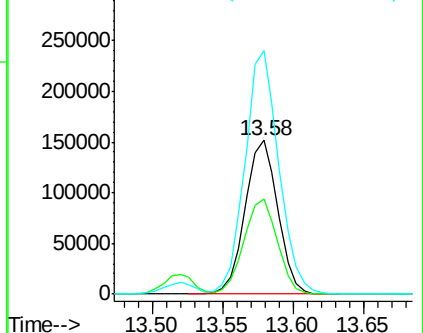
150 164.4 0.0 345.8

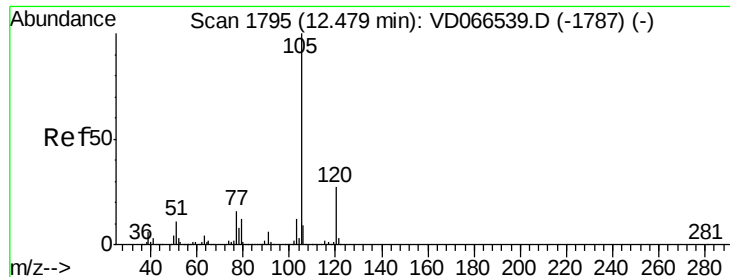


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.605 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 105 Resp: 394285

Ion Ratio Lower Upper

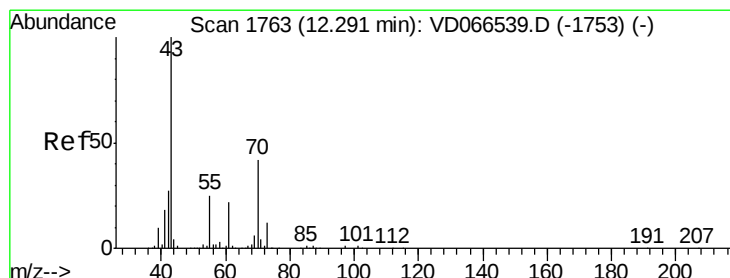
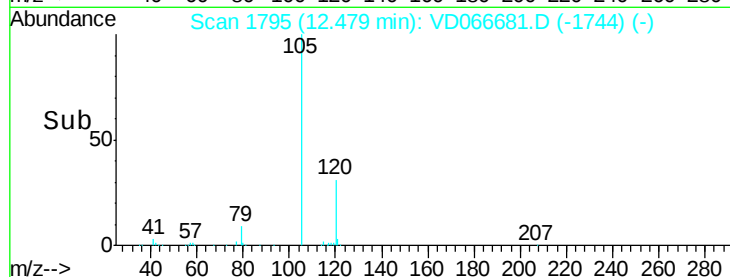
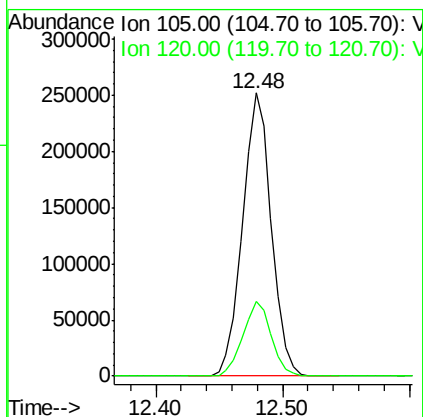
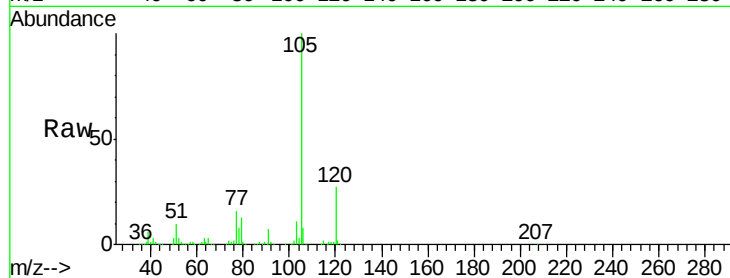
105 100

120 26.1 13.0 39.0

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.850 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion: 43 Resp: 86180

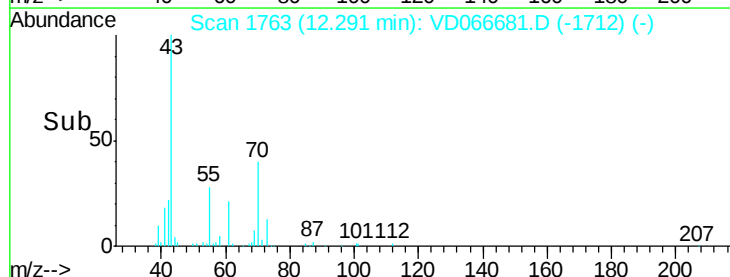
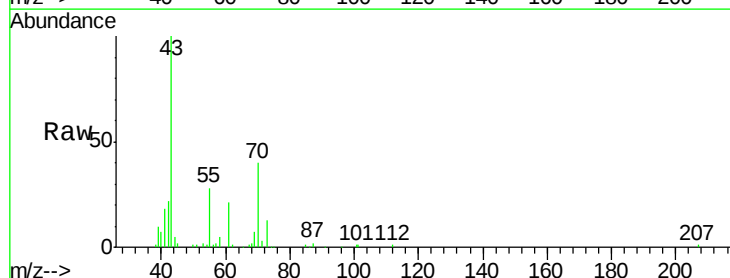
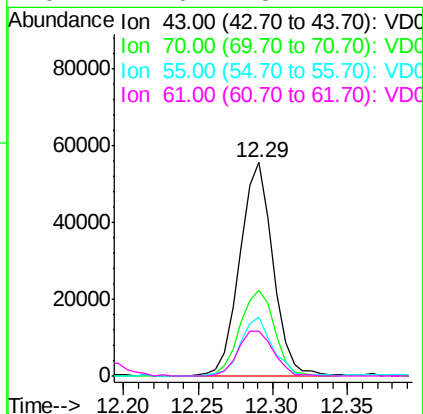
Ion Ratio Lower Upper

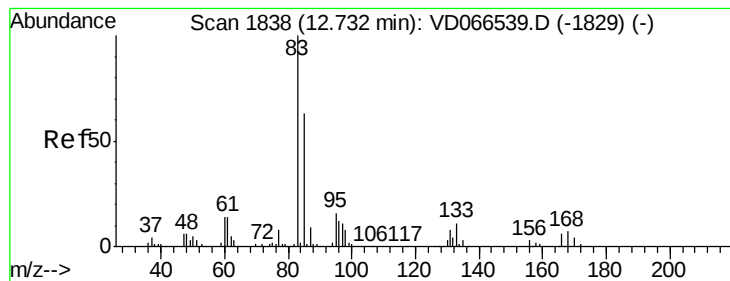
43 100

70 41.8 33.4 50.2

55 27.0 20.1 30.1

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.277 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

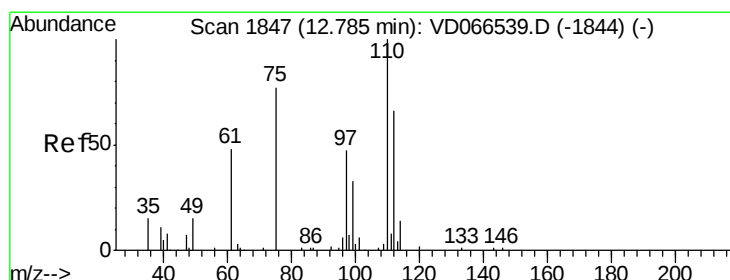
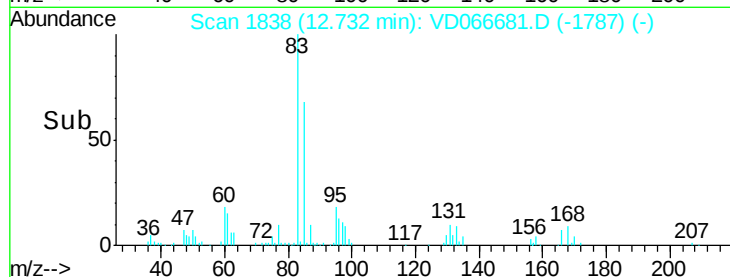
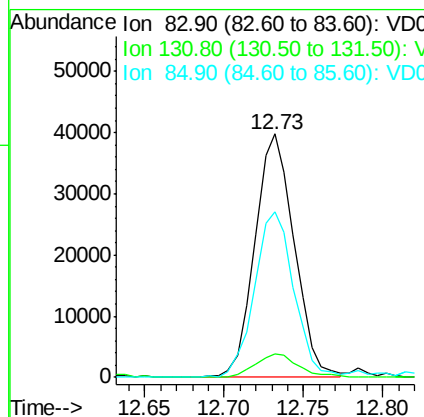
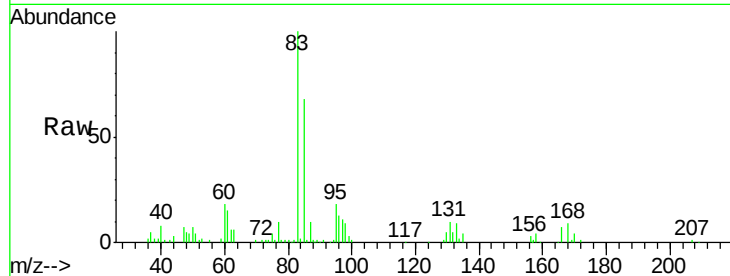
ClientSampleId :

VD0914SBS02

Tot Ion:	83	Resp:	68600
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	68.2	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 19.048 ug/l m

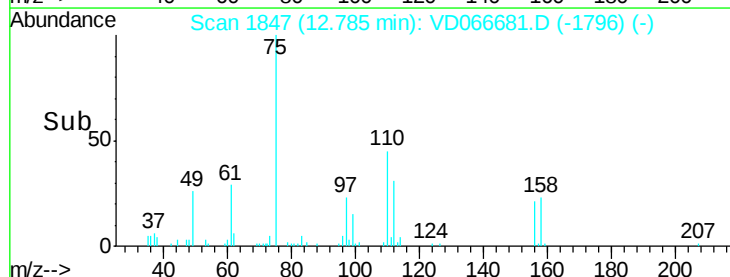
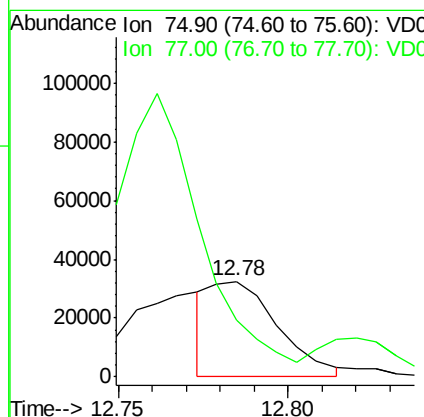
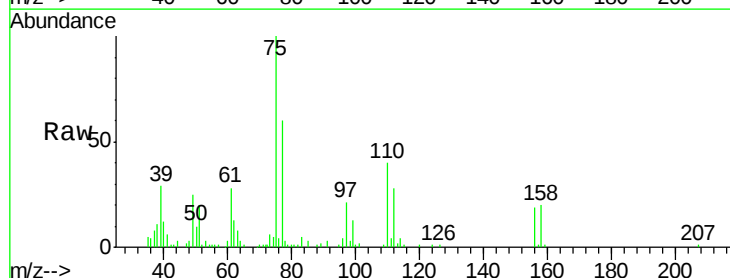
RT: 12.78 min Scan# 1847

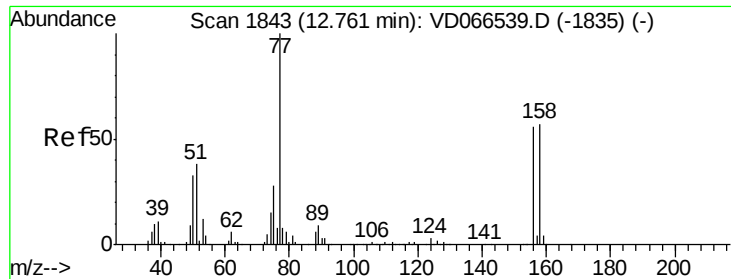
Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	75	Resp:	45153
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.222 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion:156 Resp: 90413

Ion Ratio Lower Upper

156 100

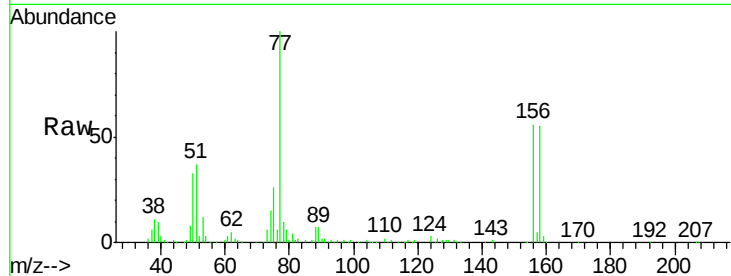
77 195.0 98.0 294.1

158 98.7 48.1 144.3

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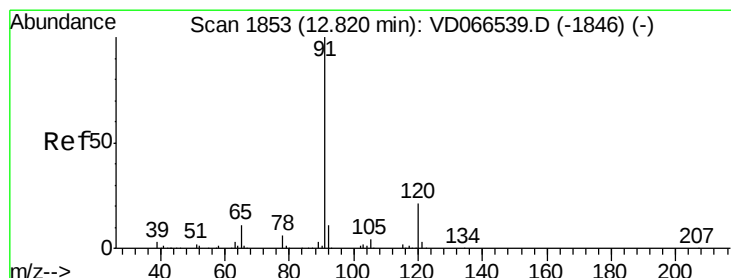
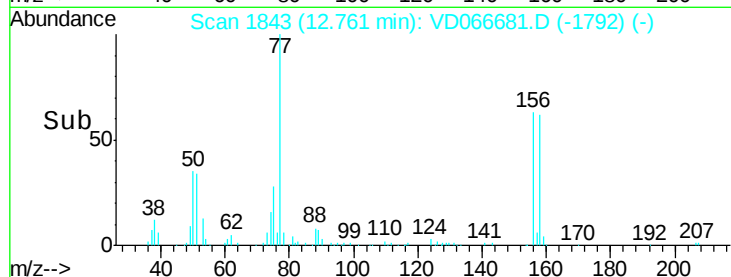
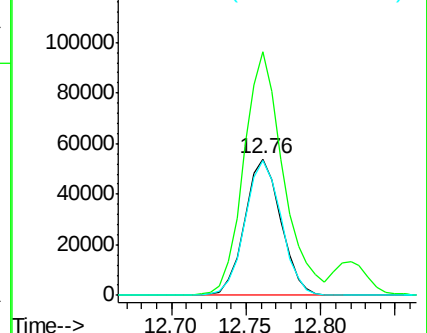
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.887 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066681.D

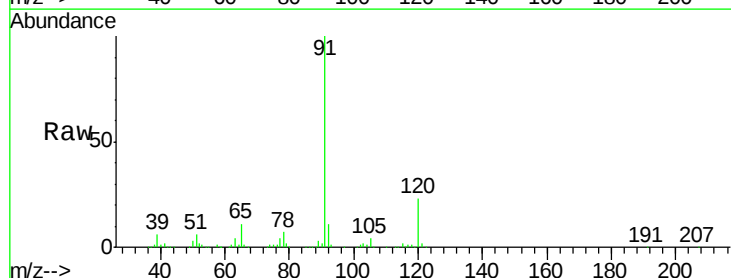
Acq: 14 Sep 2020 20:36

Tgt Ion: 91 Resp: 484202

Ion Ratio Lower Upper

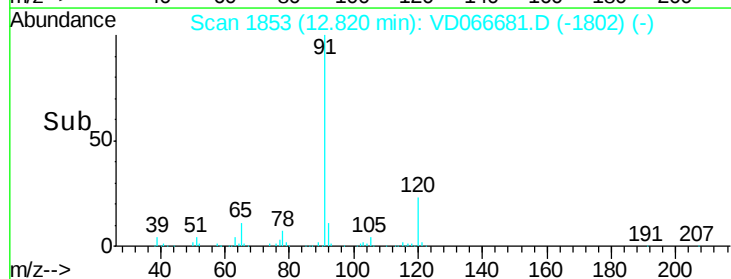
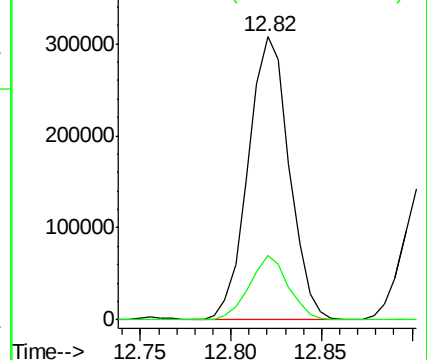
91 100

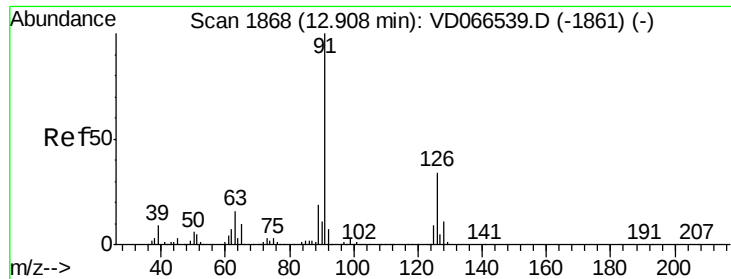
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





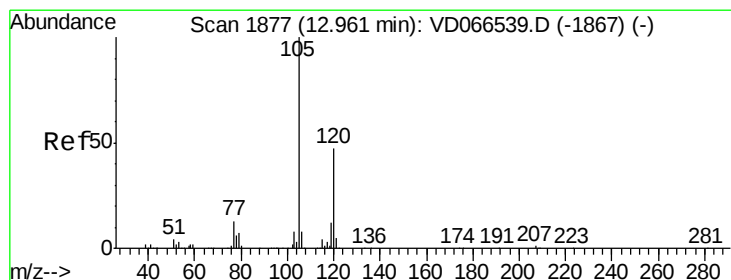
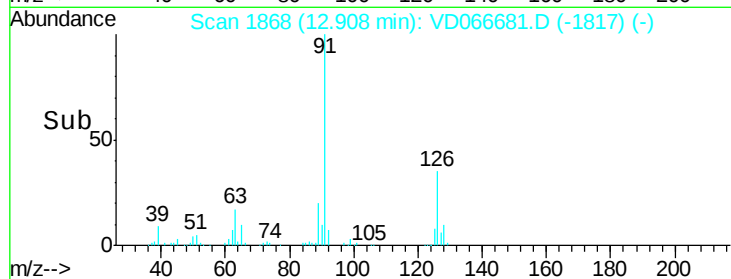
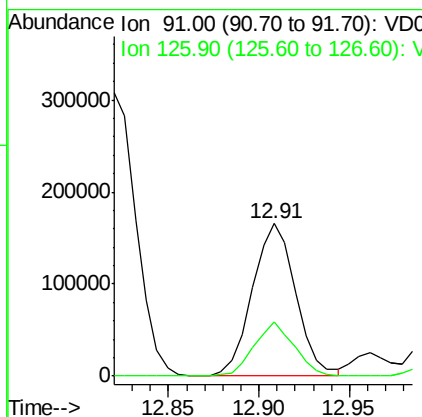
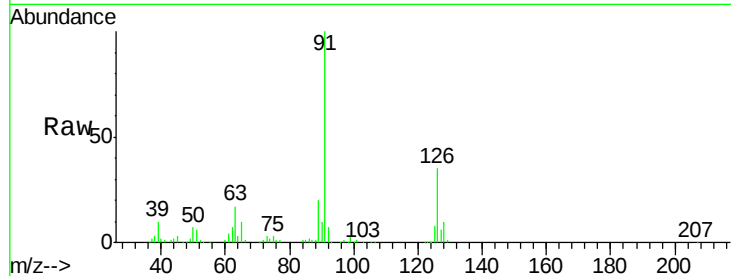
#79
2-Chlorotoluene
Concen: 22.238 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion: 91 Resp: 275998
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

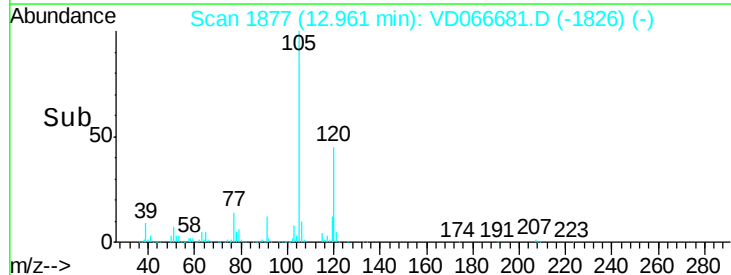
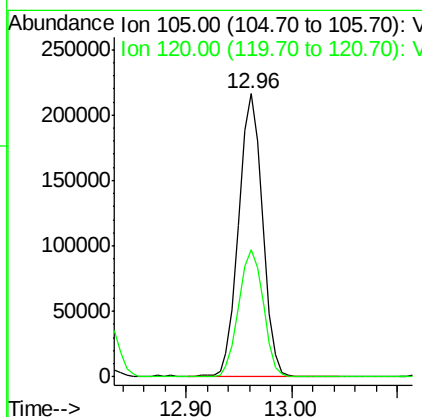
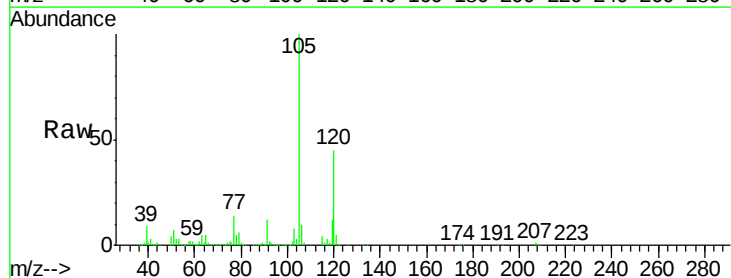
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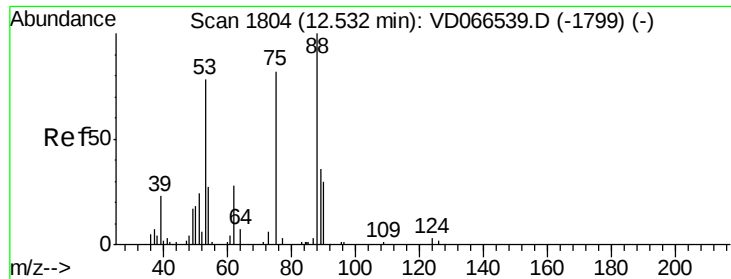
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.950 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion:105 Resp: 337158
Ion Ratio Lower Upper
105 100
120 46.4 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.113 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS02

Tot Ion: 75 Resp: 21437

Ion Ratio Lower Upper

75 100

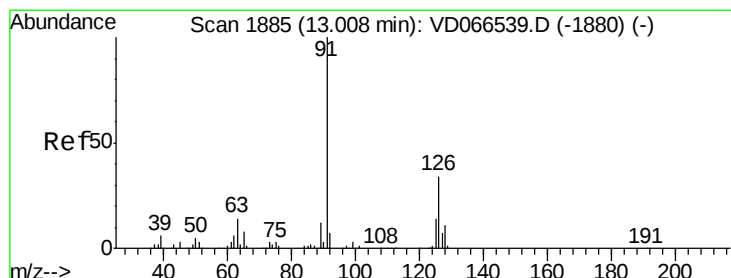
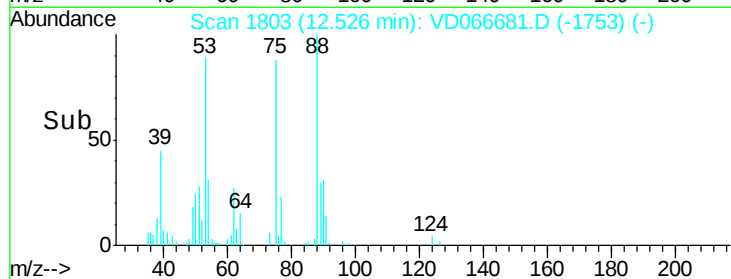
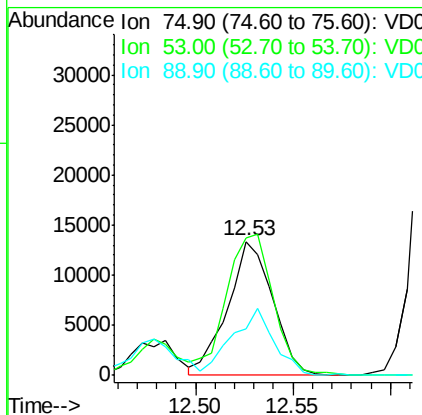
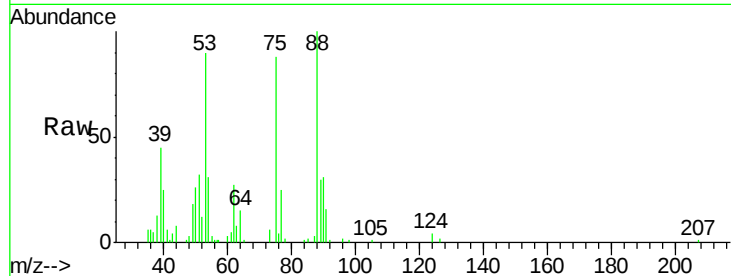
53 110.8 87.0 130.4

89 46.2 37.1 55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.878 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066681.D

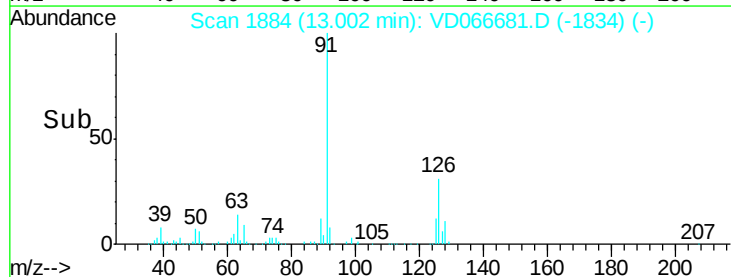
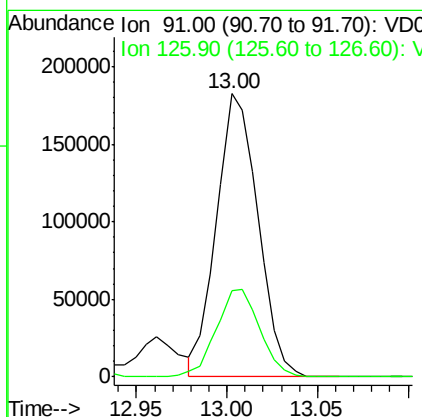
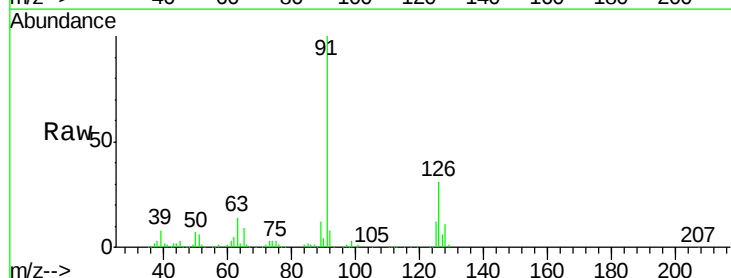
Acq: 14 Sep 2020 20:36

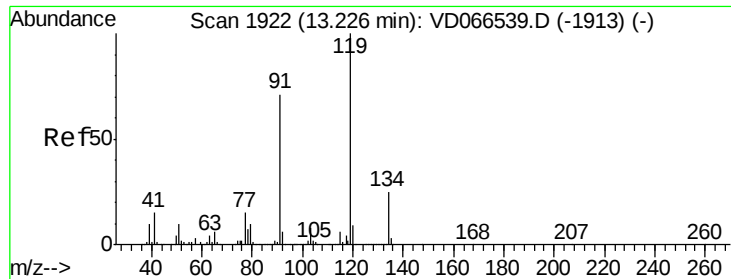
Tgt Ion: 91 Resp: 290355

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1





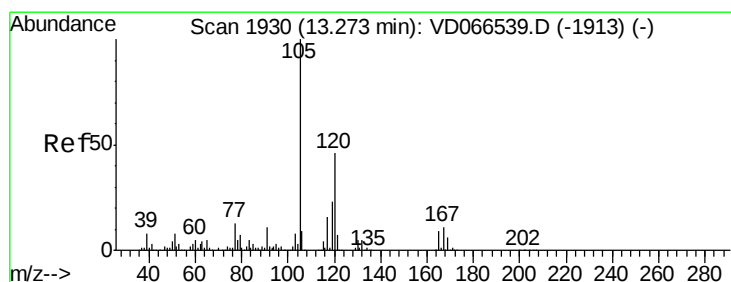
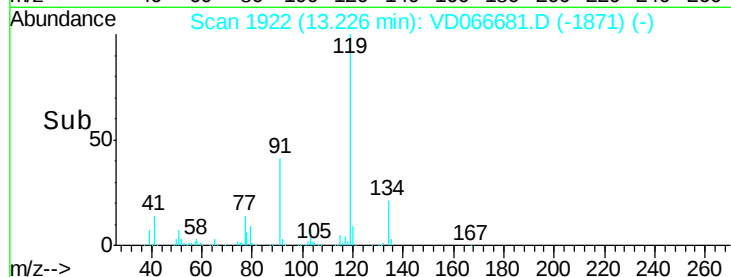
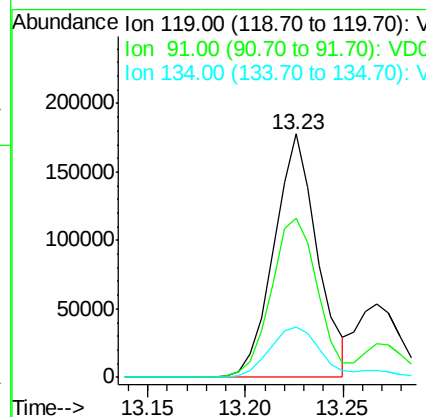
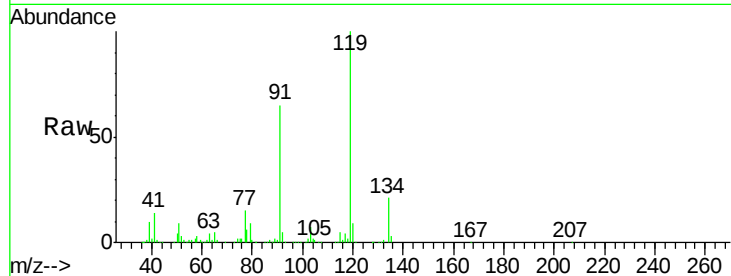
#83
tert-Butylbenzene
Concen: 21.733 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	272595		
91	71.3	35.2	105.6	
134	26.2	13.5	40.5	

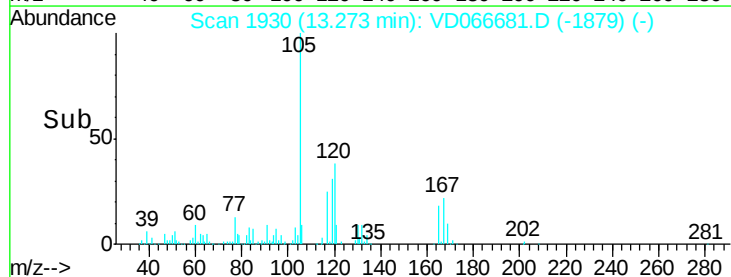
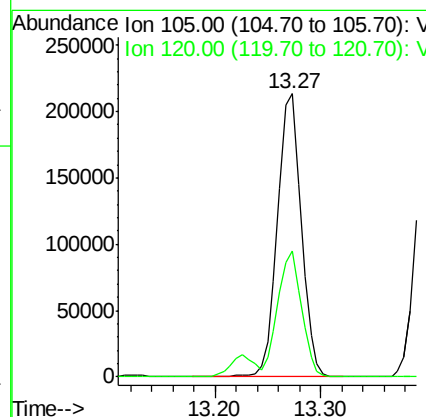
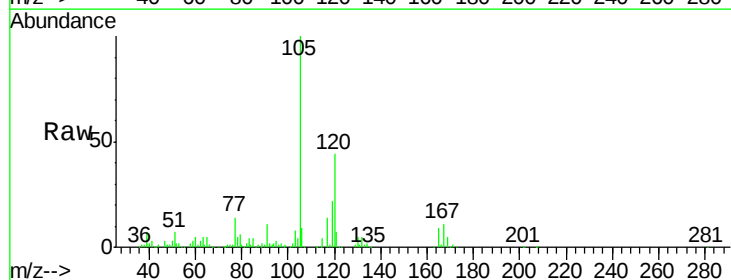
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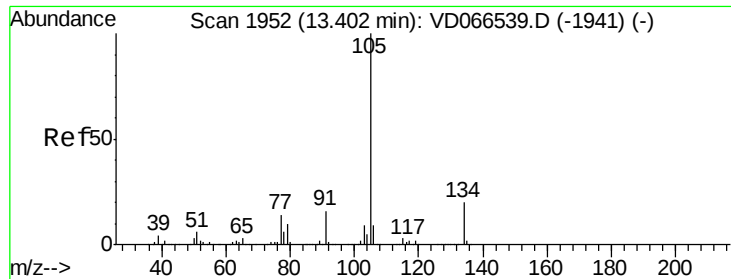
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.726 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332251		
120	44.3	22.6	67.7	





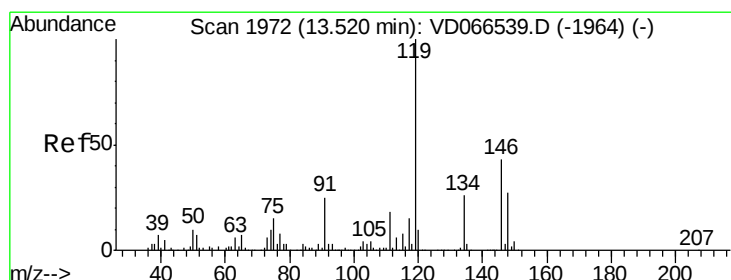
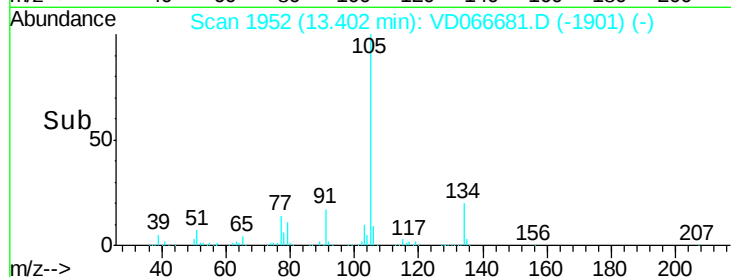
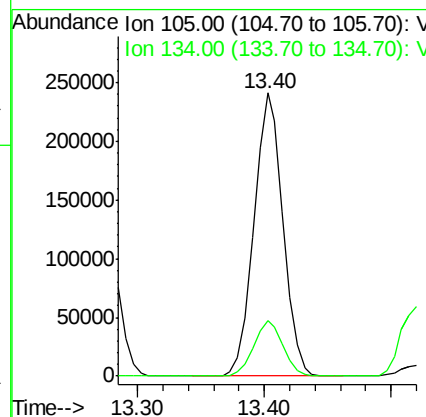
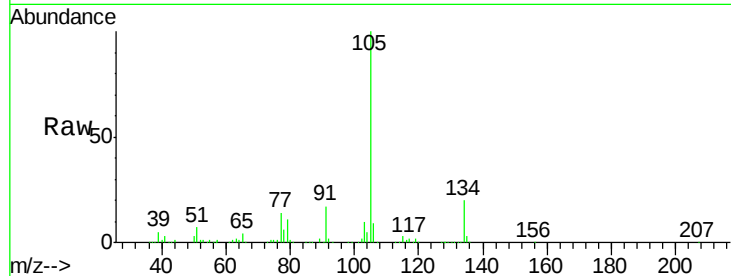
#85
 sec-Butylbenzene
 Concen: 21.165 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	382477		
134	19.7	9.8	29.5	

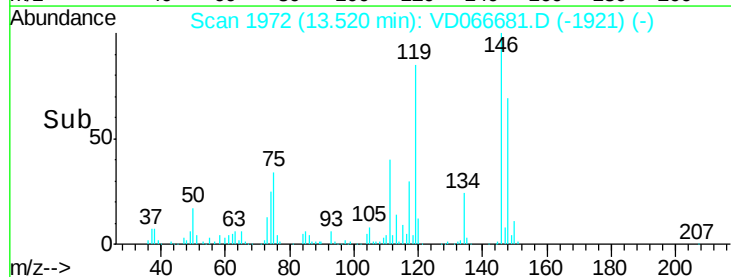
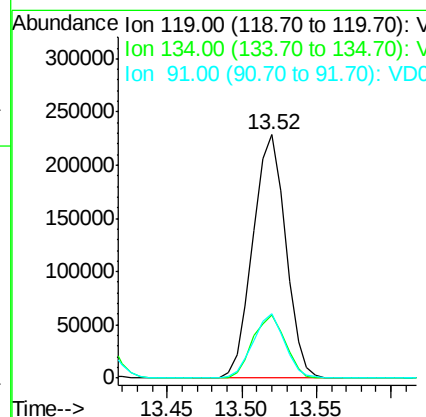
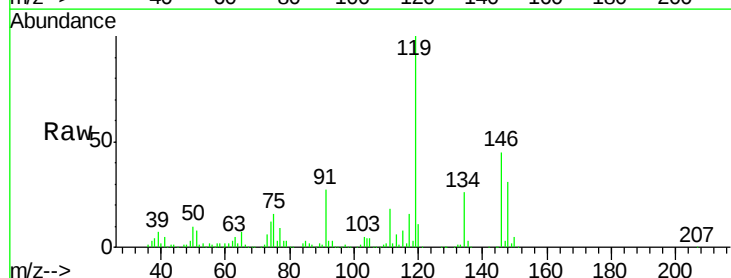
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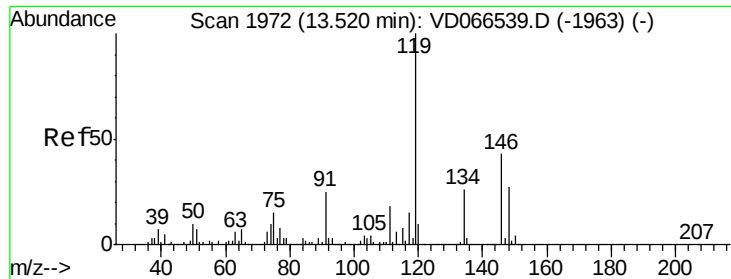
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#86
 p-Isopropyltoluene
 Concen: 21.341 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	347117		
134	25.6	12.7	38.0	
91	25.6	12.5	37.5	





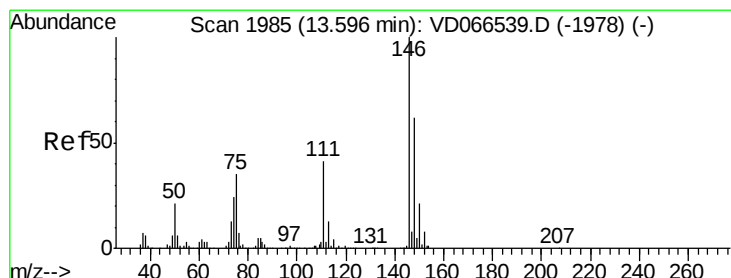
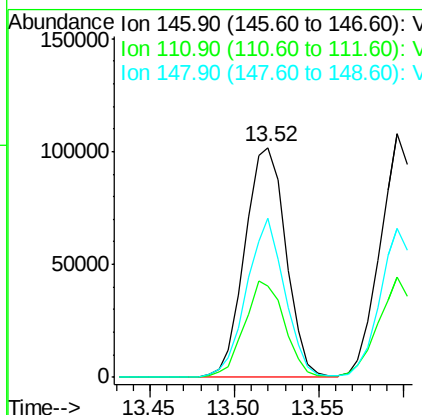
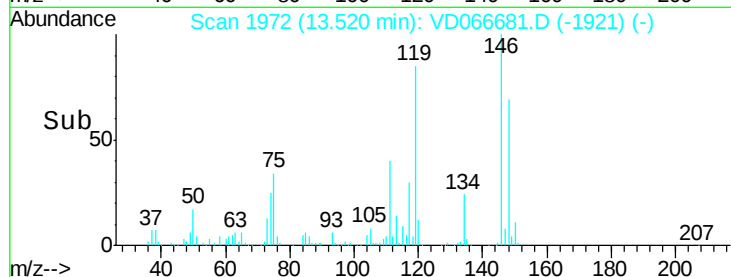
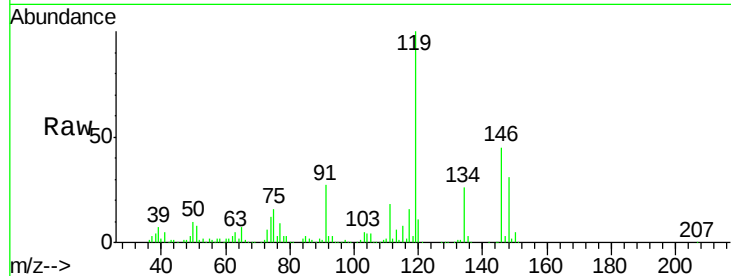
#87
 1,3-Dichlorobenzene
 Concen: 21.368 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	172598		
111	41.0	20.6	61.9	
148	64.4	32.1	96.3	

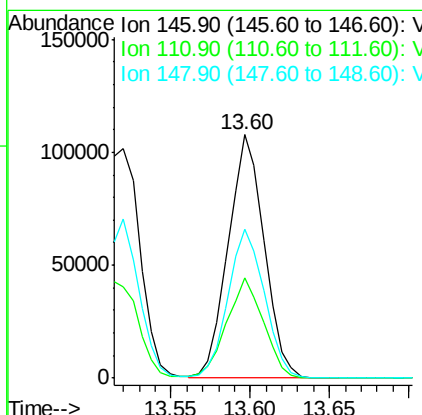
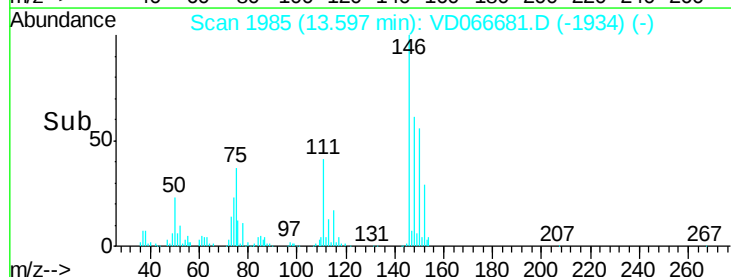
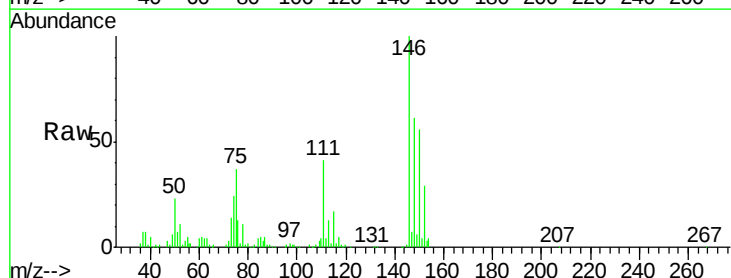
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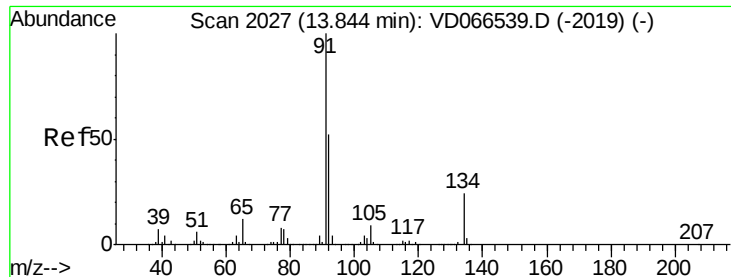
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#88
 1,4-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170143		
111	42.3	20.1	60.2	
148	62.1	31.6	94.8	





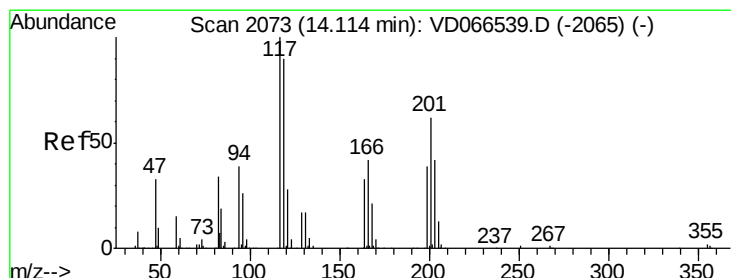
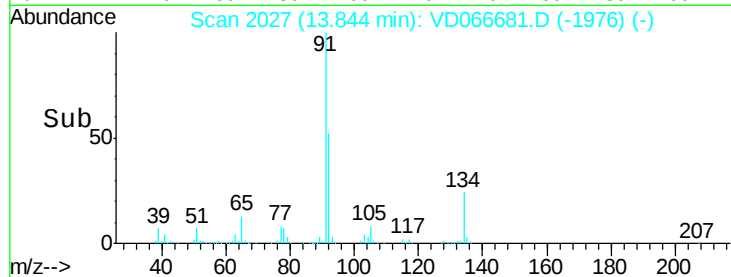
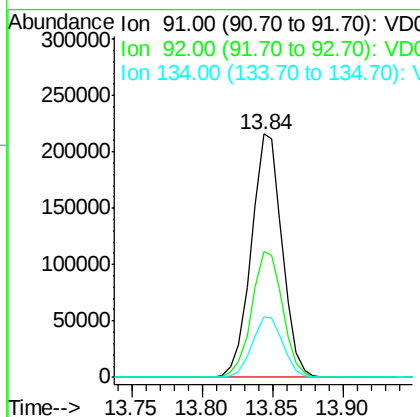
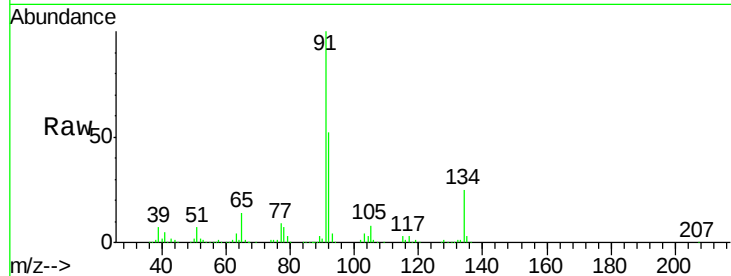
#89
n-Butylbenzene
Concen: 20.920 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.7	26.5	79.5	
134	24.7	12.1	36.3	

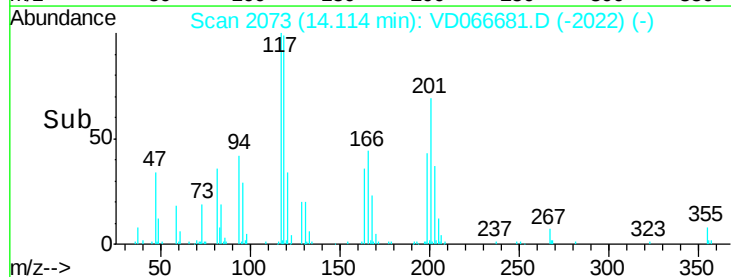
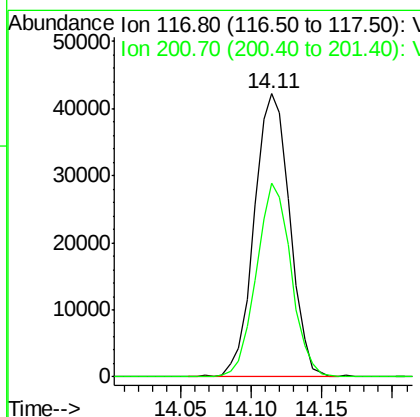
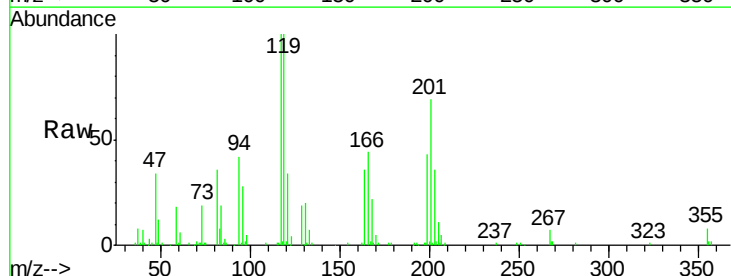
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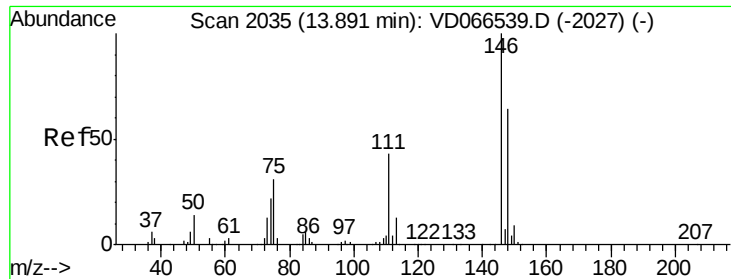
MMDadoda
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#90
Hexachloroethane
Concen: 21.356 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066681.D
Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.9	31.9	95.5	





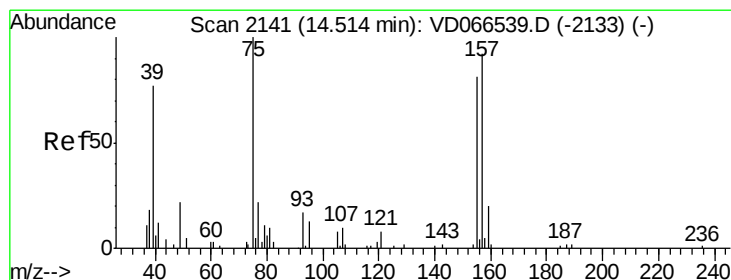
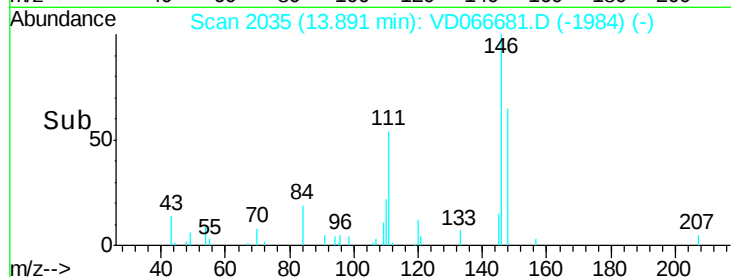
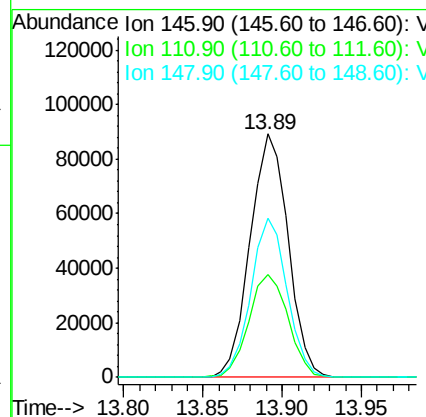
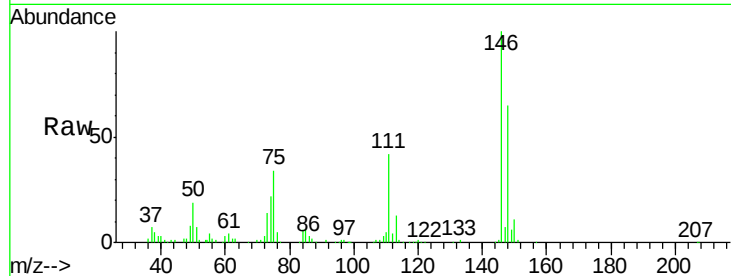
#91
 1,2-Dichlorobenzene
 Concen: 21.103 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.4
148	62.5	31.8	95.3

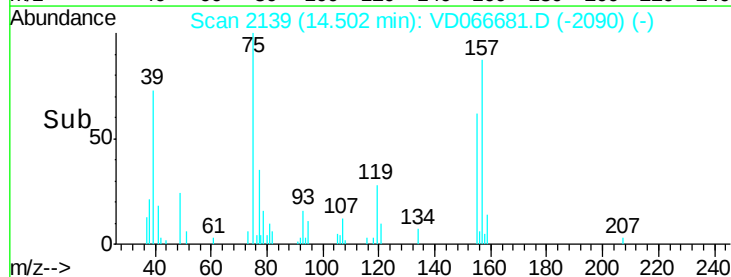
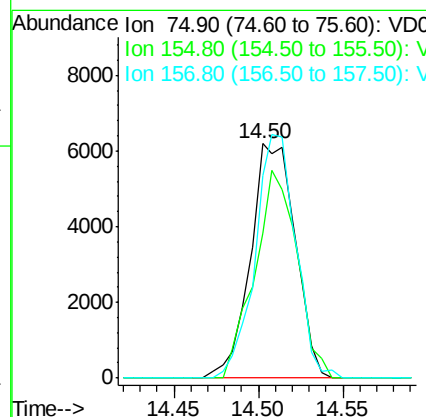
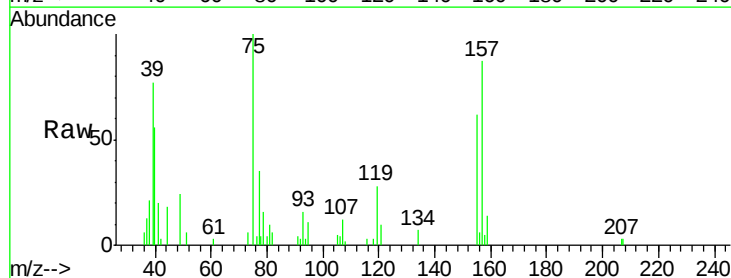
Manual Integrations
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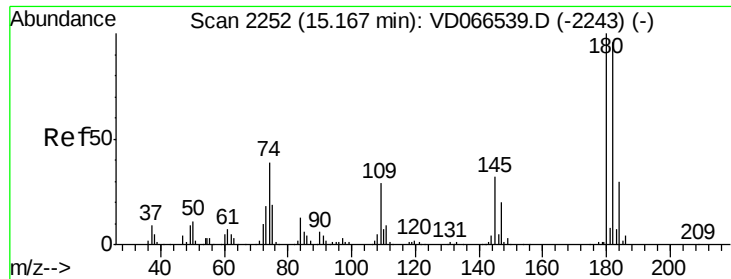
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.888 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	39.3	117.8
157	94.1	46.0	137.8





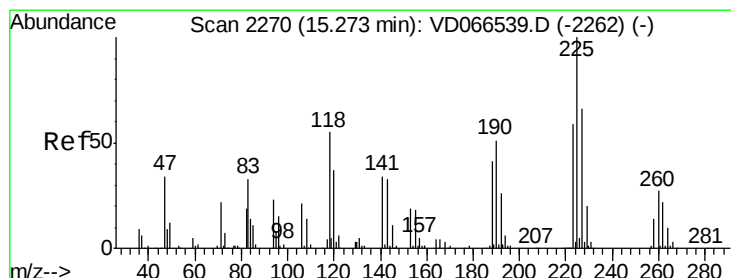
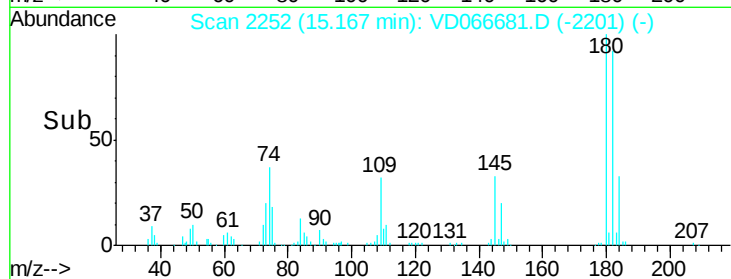
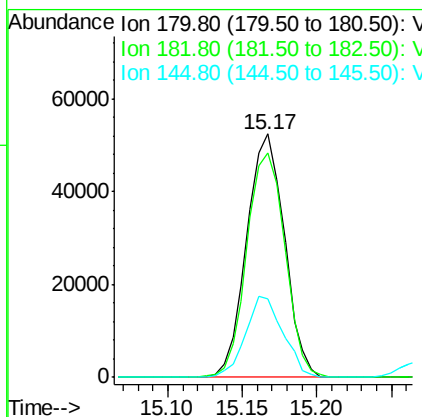
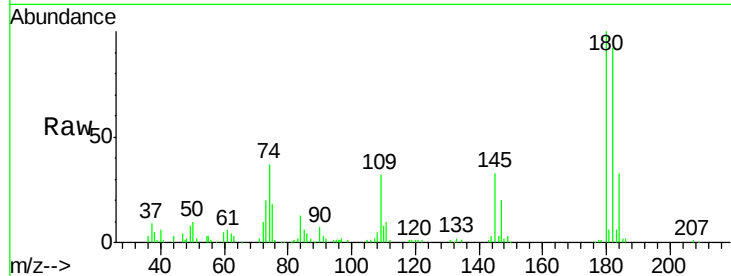
#93
 1,2,4-Trichlorobenzene
 Concen: 21.705 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	91966		
182	93.0	48.4	145.0	
145	33.1	16.7	50.0	

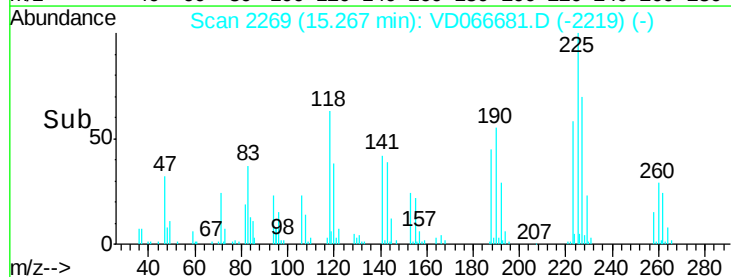
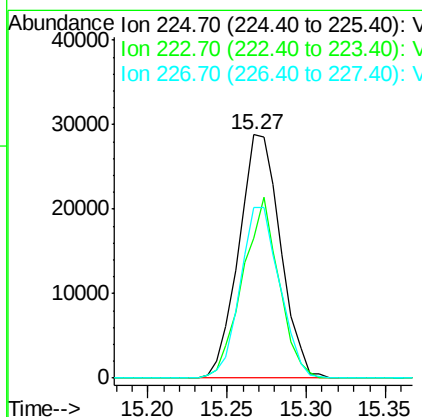
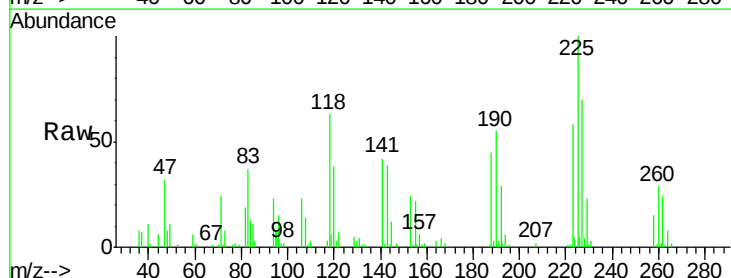
Manual Integrations
 APPROVED

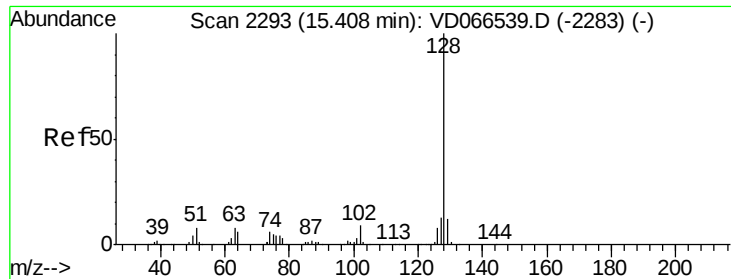
MMDadoda
 9/15/2020 2:27:59 PM



#94
 Hexachlorobutadiene
 Concen: 20.687 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066681.D
 Acq: 14 Sep 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52659		
223	64.6	30.5	91.5	
227	66.4	32.4	97.2	





#95

Naphthalene

Concen: 21.329 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Instrument :

MSVOA_D

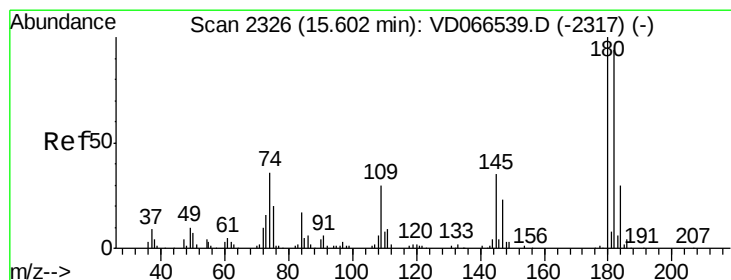
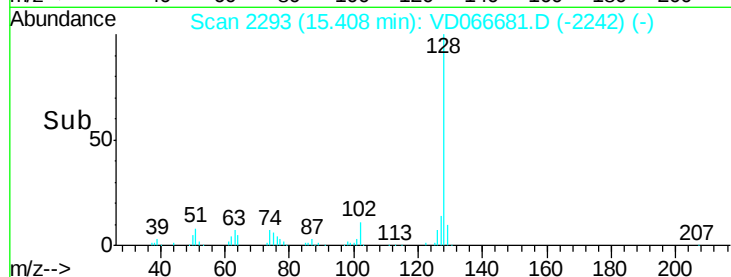
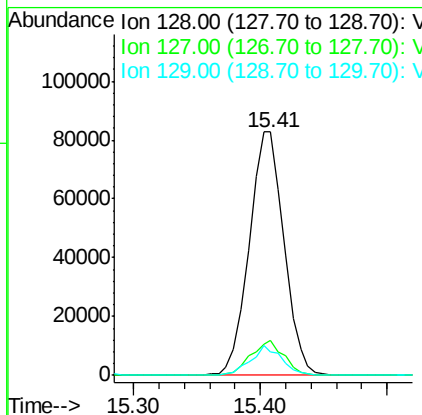
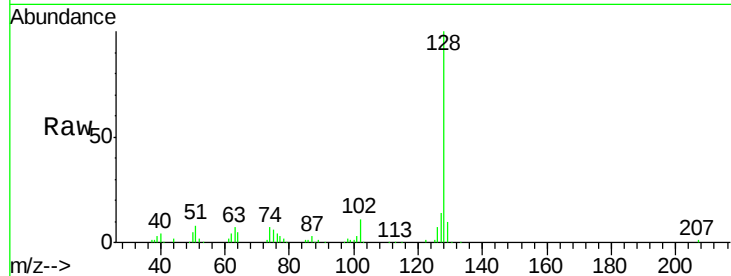
ClientSampleId :

VD0914SBS02

Tot Ion:	128	Resp:	157922
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.7	16.1
129	10.8	9.1	13.7

Manual Integrations
APPROVED

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9/15/2020 2:27:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.869 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066681.D

Acq: 14 Sep 2020 20:36

Tgt Ion:	180	Resp:	75387
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.9	143.6
145	35.9	17.3	51.7

