

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065933.D
 Acq On : 07 Jul 2020 20:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:16 PM

Quant Time: Jul 08 10:11:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	622663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	577053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	169989	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	7.92	113	181851	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.34	98	654396	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.63	95	230699	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	143266	40.383	ug/l	94
3) Chloromethane	2.21	50	146754	41.728	ug/l	95
4) Vinyl Chloride	2.35	62	135971	42.107	ug/l	94
5) Bromomethane	2.77	94	90213	44.104	ug/l	99
6) Chloroethane	2.92	64	85410	44.247	ug/l	95
7) Trichlorofluoromethane	3.27	101	306146	44.235	ug/l	99
8) Diethyl Ether	3.71	74	94763	49.910	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	185822	44.887	ug/l	99
10) Methyl Iodide	4.30	142	200943	46.281	ug/l	98
11) Tert butyl alcohol	5.22	59	61902	281.635	ug/l	97
12) 1,1-Dichloroethene	4.07	96	177768	45.965	ug/l	94
13) Acrolein	3.92	56	40045	222.745	ug/l	99
14) Allyl chloride	4.71	41	316871	48.348	ug/l	99
15) Acrylonitrile	5.42	53	219140	263.608	ug/l	99
16) Acetone	4.16	43	174298	210.294	ug/l	98
17) Carbon Disulfide	4.41	76	564251	45.789	ug/l	99
18) Methyl Acetate	4.72	43	96119	49.473	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	428916	52.384	ug/l	99
20) Methylene Chloride	4.97	84	232825	51.221	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	212285	48.787	ug/l	95
22) Diisopropyl ether	6.36	45	635166	51.569	ug/l	98
23) Vinyl Acetate	6.31	43	1835820	261.128	ug/l	100
24) 1,1-Dichloroethane	6.27	63	360420	49.075	ug/l	99
25) 2-Butanone	7.21	43	266564	243.389	ug/l	94
26) 2,2-Dichloropropane	7.21	77	286233	44.550	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	231061	49.422	ug/l	98
28) Bromochloromethane	7.55	49	127905	46.101	ug/l	99
29) Tetrahydrofuran	7.56	42	179175	257.277	ug/l	100
30) Chloroform	7.71	83	362693	48.713	ug/l	100
31) Cyclohexane	7.98	56	318260	44.043	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	322859	47.516	ug/l	100
36) 1,1-Dichloropropene	8.11	75	279982	45.528	ug/l	99
37) Ethyl Acetate	7.29	43	124588	48.351	ug/l	97
38) Carbon Tetrachloride	8.10	117	297482	45.131	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	338899	44.887	ug/l	98
40) Benzene	8.35	78	818941	48.203	ug/l	99
41) Methacrylonitrile	7.53	41	87093	58.216	ug/l	93
42) 1,2-Dichloroethane	8.43	62	231526	48.105	ug/l	98
43) Isopropyl Acetate	8.46	43	240957	50.239	ug/l	98
44) Trichloroethene	9.11	130	227721	45.619	ug/l	94
45) 1,2-Dichloropropane	9.39	63	205751	48.794	ug/l	98
46) Dibromomethane	9.48	93	107727	49.071	ug/l	98
47) Bromodichloromethane	9.66	83	288902	49.059	ug/l	99
48) Methyl methacrylate	9.46	41	127133	52.654	ug/l	98
49) 1,4-Dioxane	9.46	88	26695	1023.395	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	614342	253.357	ug/l	99
52) Toluene	10.41	92	519417	48.056	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	271112	48.963	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	324576	48.512	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	150424	49.732	ug/l	98
56) Ethyl methacrylate	10.66	69	192317	52.057	ug/l	99
57) 1,3-Dichloropropane	10.95	76	262066	49.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	432084	241.500	ug/l	99
59) 2-Hexanone	10.98	43	414261	248.413	ug/l	99
60) Dibromochloromethane	11.14	129	206440	49.955	ug/l	100
61) 1,2-Dibromoethane	11.25	107	146901	48.711	ug/l	99
64) Tetrachloroethene	10.88	164	194042	46.239	ug/l	97
65) Chlorobenzene	11.67	112	564585	48.551	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	211088	48.532	ug/l	100
67) Ethyl Benzene	11.74	91	980064	47.441	ug/l	99
68) m/p-Xylenes	11.86	106	756609	96.398	ug/l	99
69) o-Xylene	12.18	106	354015	49.514	ug/l	100
70) Styrene	12.20	104	611566	49.550	ug/l	100
71) Bromoform	12.36	173	119571	48.584	ug/l #	98
73) Isopropylbenzene	12.48	105	940889	48.585	ug/l	99
74) N-amyl acetate	12.29	43	223450	51.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160828	50.023	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	110707m	47.561	ug/l	
77) Bromobenzene	12.76	156	234651	49.958	ug/l	99
78) n-propylbenzene	12.82	91	1093991	48.184	ug/l	100
79) 2-Chlorotoluene	12.91	91	634616	49.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	779935	49.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	55024	50.793	ug/l	96
82) 4-Chlorotoluene	13.01	91	647196	47.892	ug/l	99
83) tert-Butylbenzene	13.23	119	666458	49.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	770045	48.838	ug/l	98
85) sec-Butylbenzene	13.40	105	931003	48.680	ug/l	99
86) p-Isopropyltoluene	13.52	119	852910	48.758	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	431911	49.141	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	426609	48.653	ug/l	99
89) n-Butylbenzene	13.84	91	782587	47.641	ug/l	99
90) Hexachloroethane	14.11	117	169715	48.112	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	379469	49.398	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25639	47.691	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264563	48.323	ug/l	100
94) Hexachlorobutadiene	15.27	225	155640	46.996	ug/l	99
95) Naphthalene	15.40	128	471502	51.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	233276	49.398	ug/l	99

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

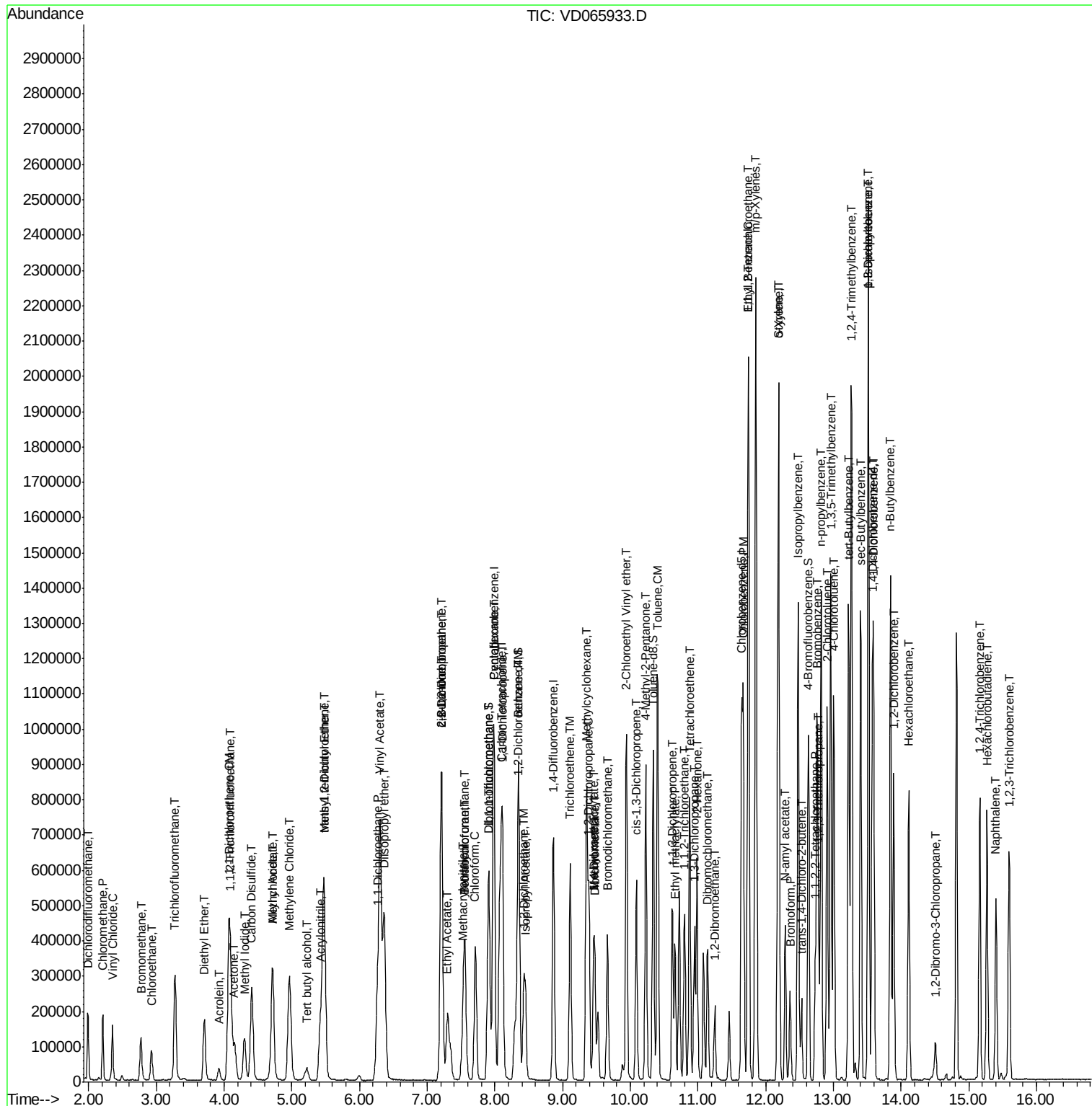
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
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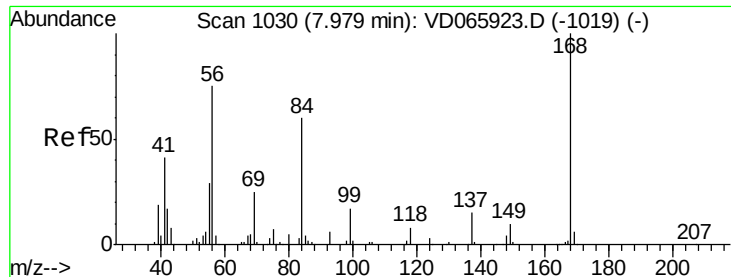
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 399061

Ion Ratio Lower Upper

168 100

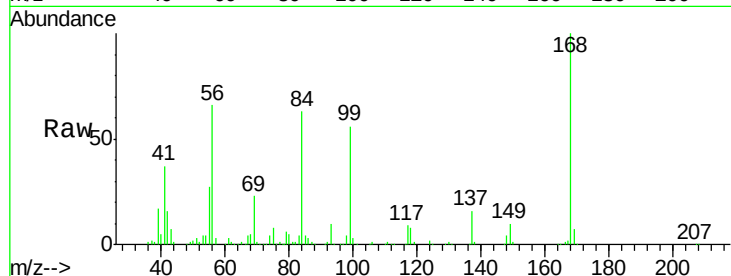
99 55.3 43.1 64.7

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

7.98

150000

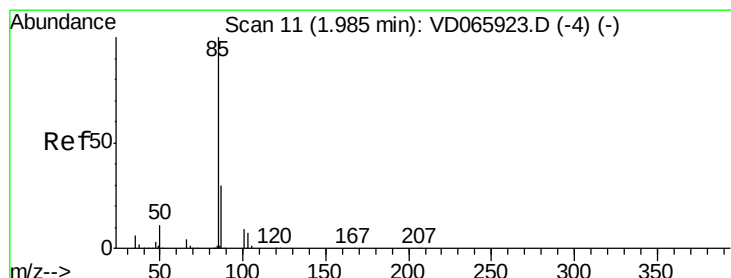
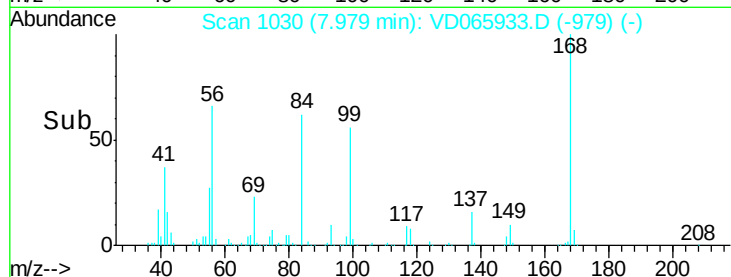
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.383 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065933.D

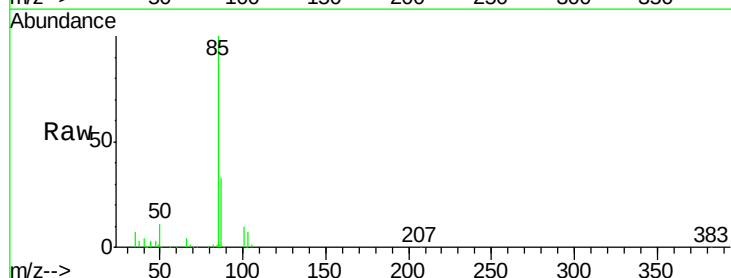
Acq: 07 Jul 2020 20:53

Tgt Ion: 85 Resp: 143266

Ion Ratio Lower Upper

85 100

87 33.1 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

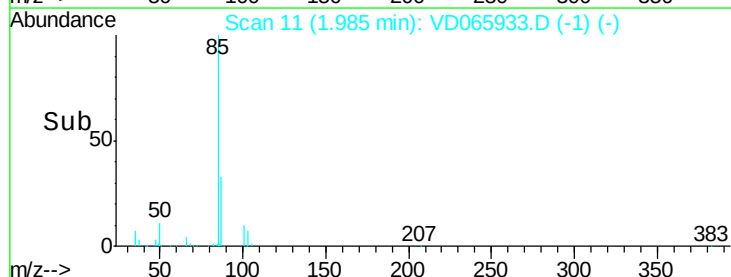
40000

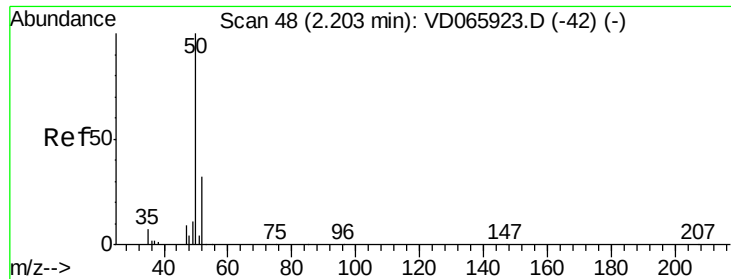
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.728 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 146754

Ion Ratio Lower Upper

50 100

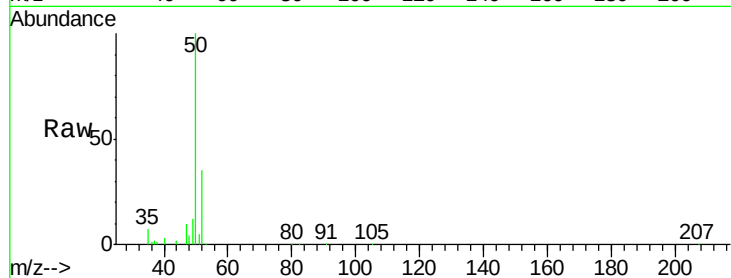
52 35.0 25.6 38.4

Manual Integrations

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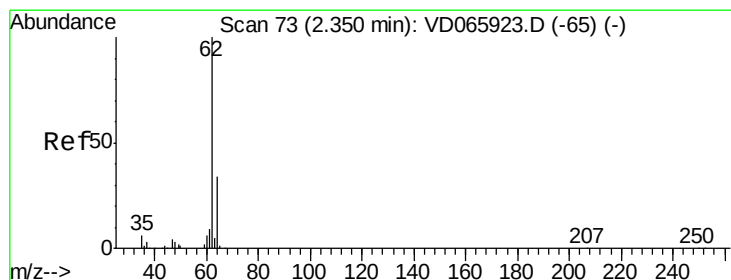
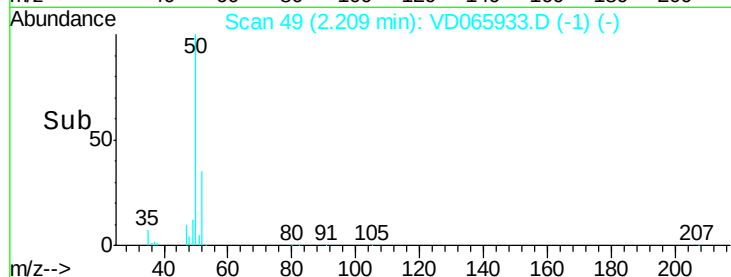
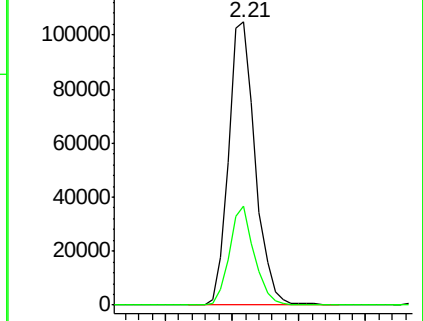
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.107 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065933.D

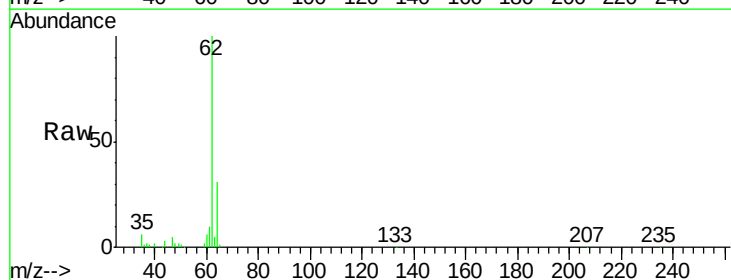
Acq: 07 Jul 2020 20:53

Tgt Ion: 62 Resp: 135971

Ion Ratio Lower Upper

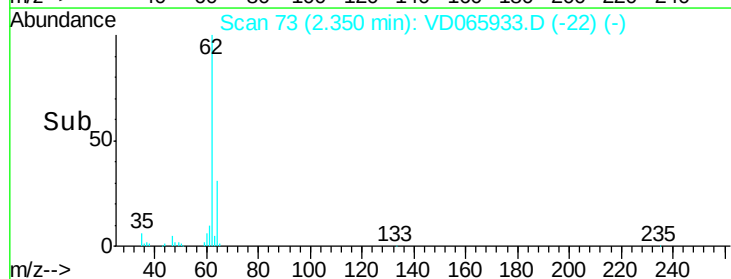
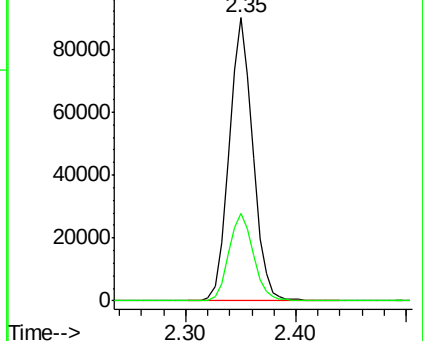
62 100

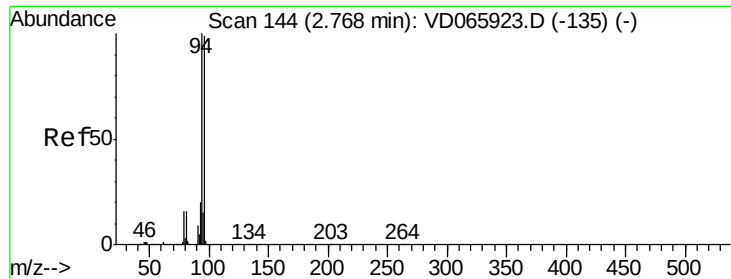
64 30.8 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.104 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 90213

Ion Ratio Lower Upper

94 100

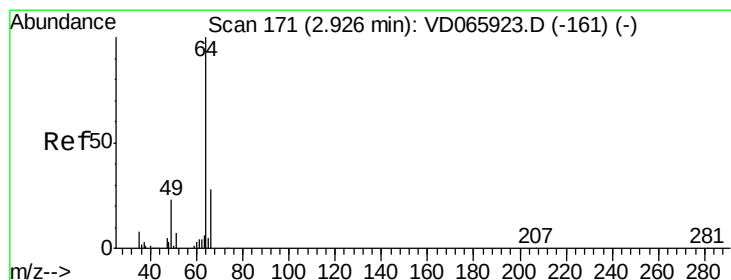
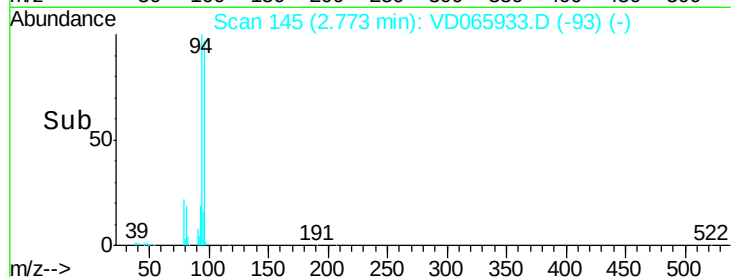
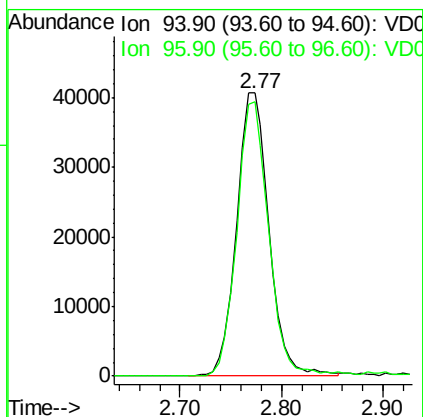
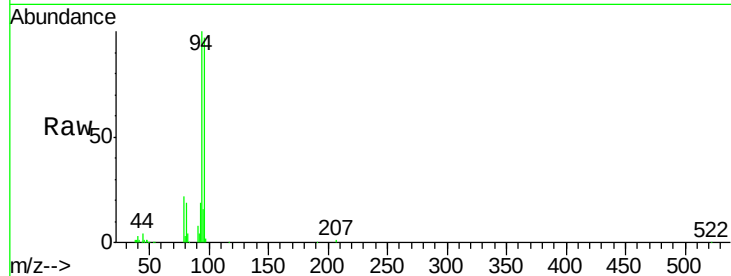
96 97.1 78.8 118.2

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#6

Chloroethane

Concen: 44.247 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065933.D

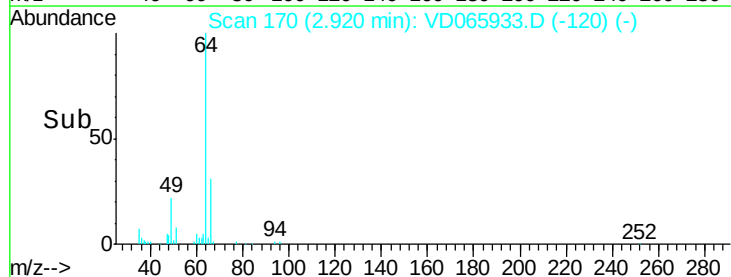
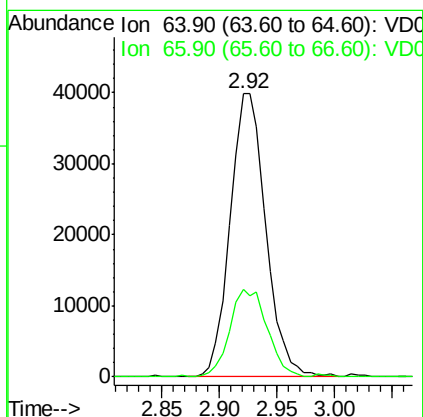
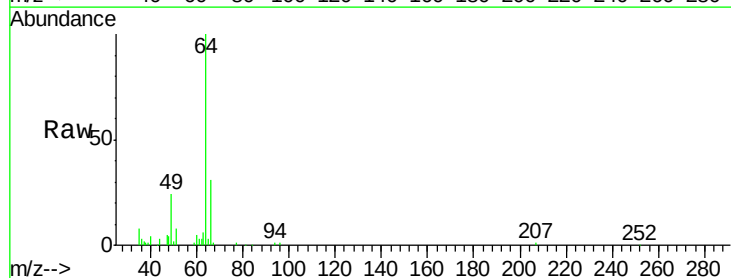
Acq: 07 Jul 2020 20:53

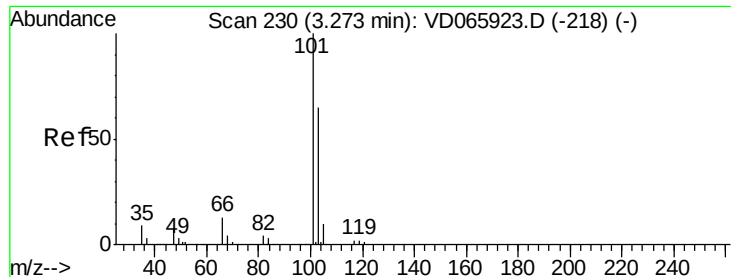
Tgt Ion: 64 Resp: 85410

Ion Ratio Lower Upper

64 100

66 31.0 22.6 33.8





#7

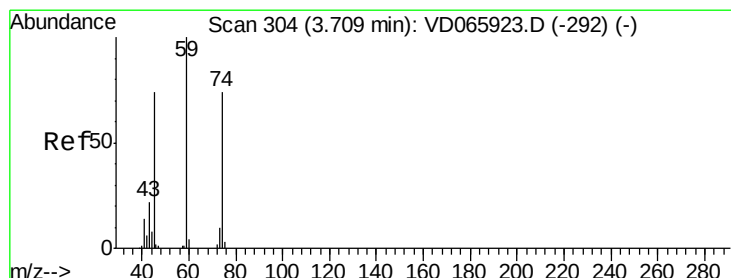
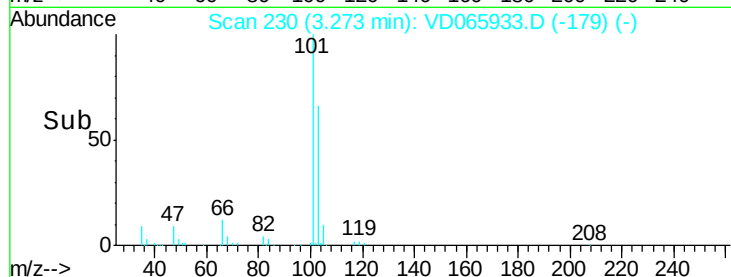
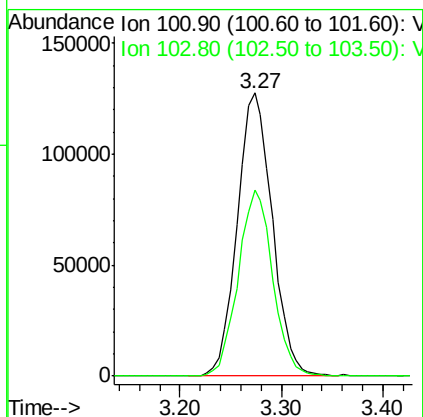
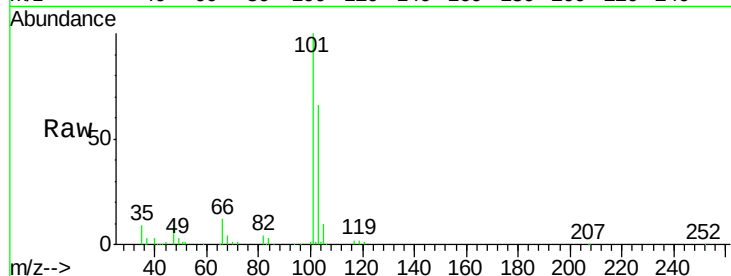
Trichlorofluoromethane
 Concen: 44.235 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.7	77.5

Manual Integrations
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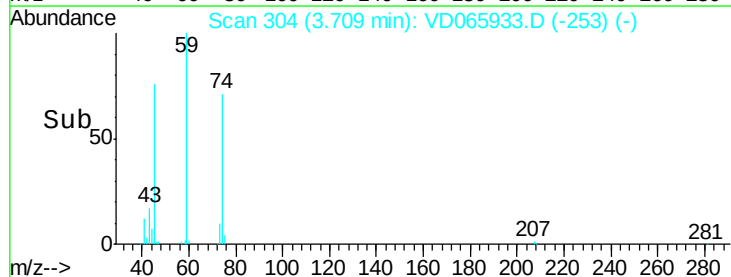
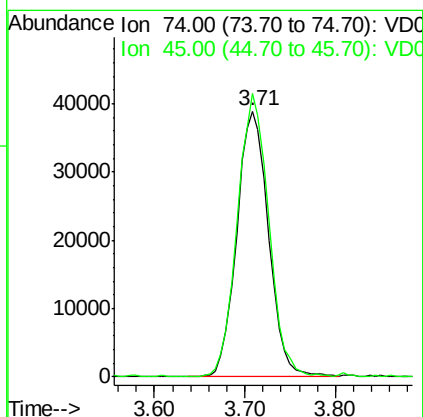
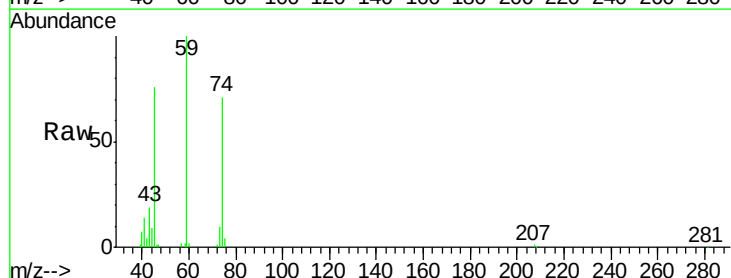
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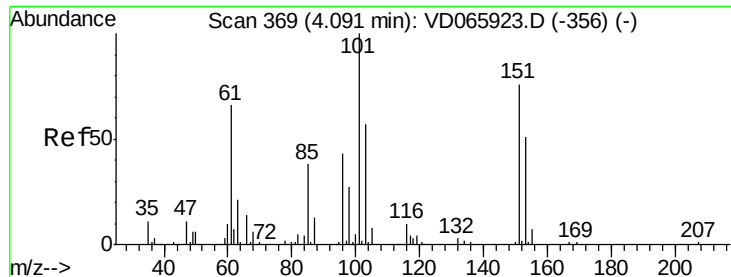


#8

Diethyl Ether
 Concen: 49.910 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.887 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

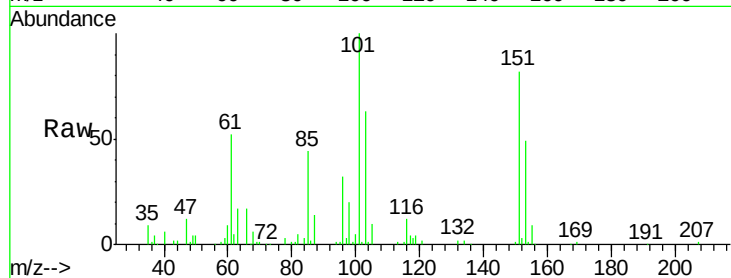
ClientSampleId :

VSTDCCC050EC

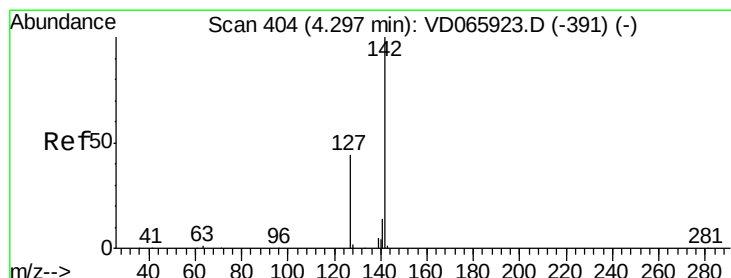
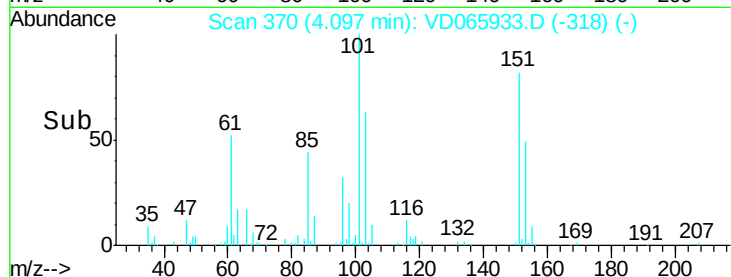
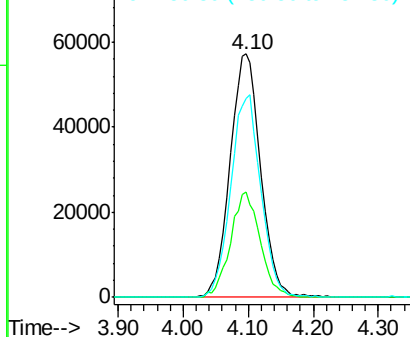
Tot Ion:	101	Resp:	185822
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	81.9	64.1	96.1

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.281 ug/l

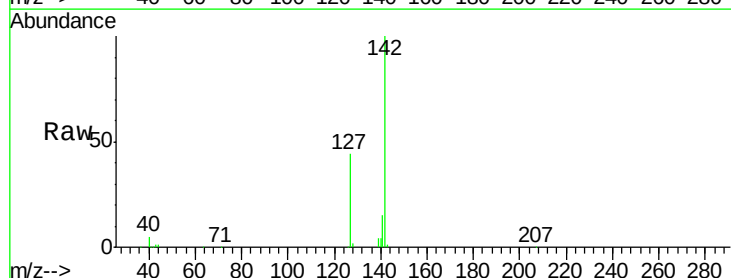
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

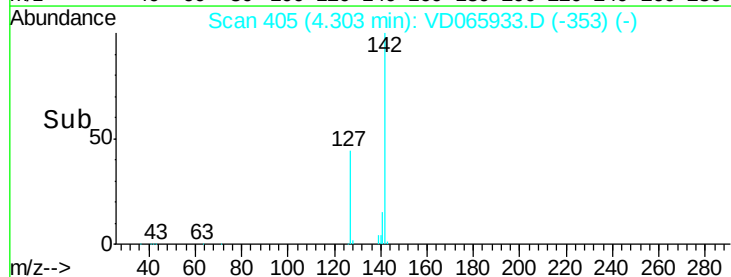
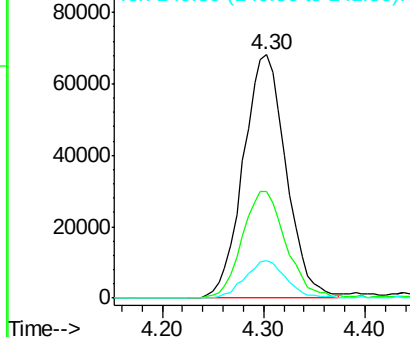
Lab File: VD065933.D

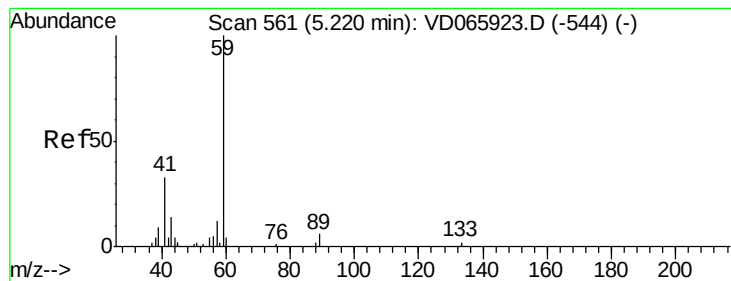
Acq: 07 Jul 2020 20:53

Tgt Ion:	142	Resp:	200943
Ion Ratio	Lower	Upper	
142	100		
127	44.7	34.6	51.8
141	14.9	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

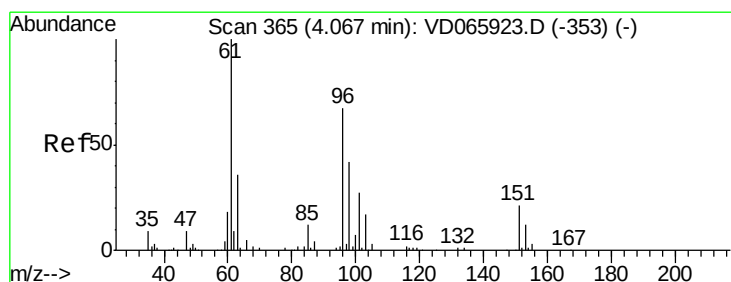
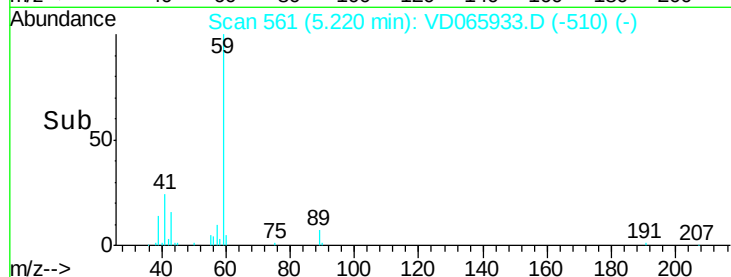
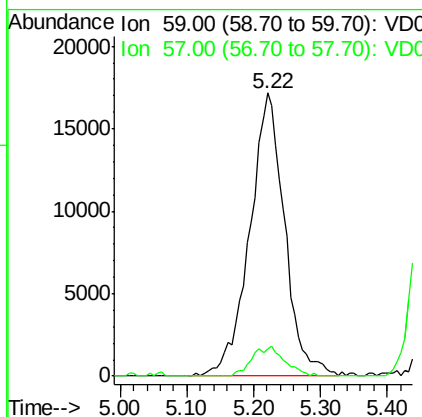
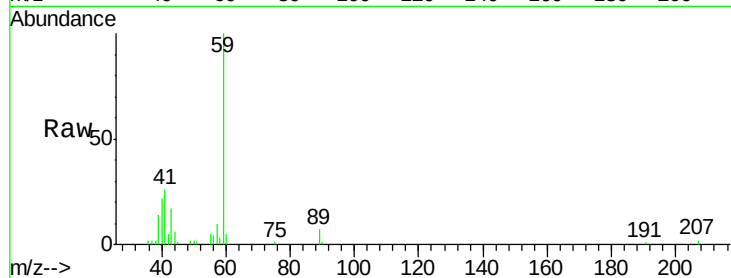
Tert butyl alcohol
 Concen: 281.635 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.7	13.1

Manual Integrations
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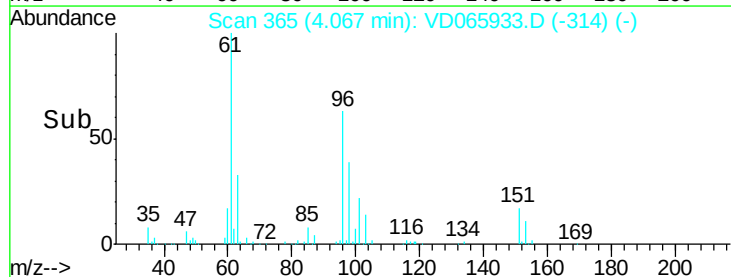
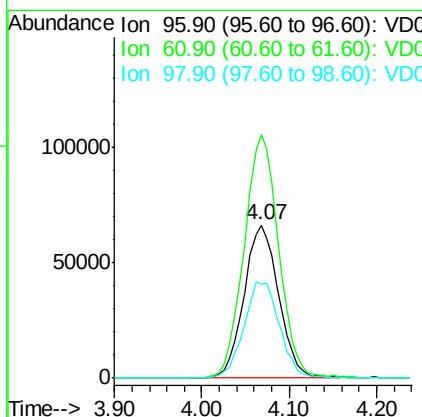
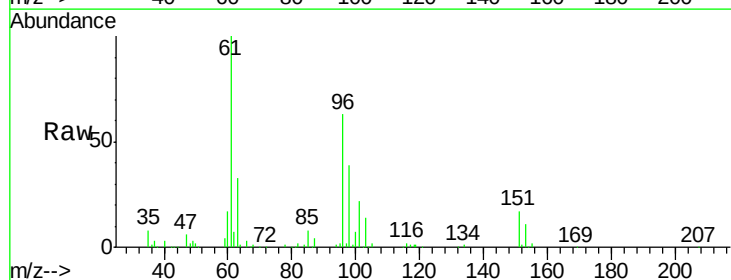
MMDadoda
 7/8/2020 12:05:16 PM

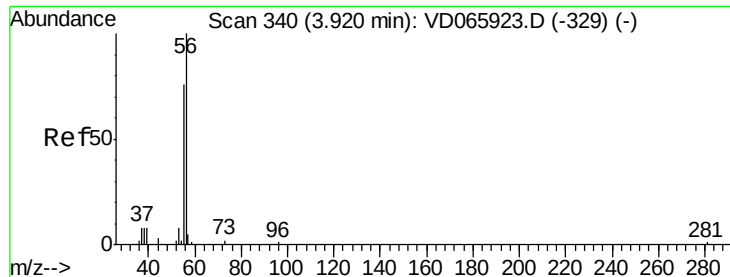


#12

1,1-Dichloroethene
 Concen: 45.965 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	120.2	180.2
98	61.6	50.6	76.0





#13

Acrolein

Concen: 222.745 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40045

Ion Ratio Lower Upper

56 100

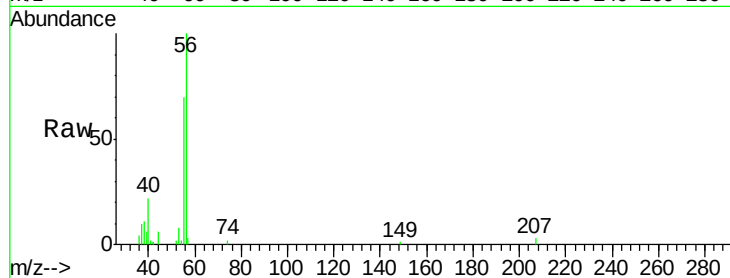
55 69.5 55.0 82.6

Manual Integrations

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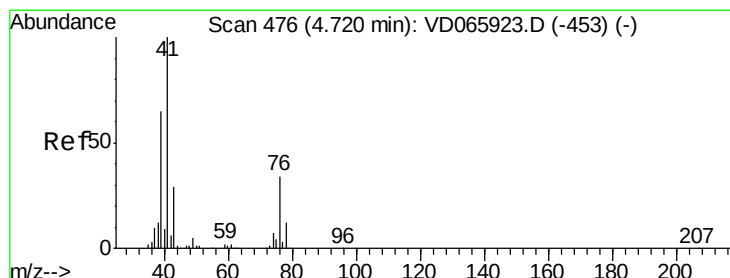
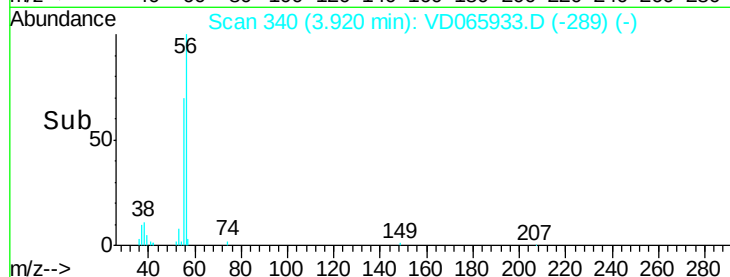
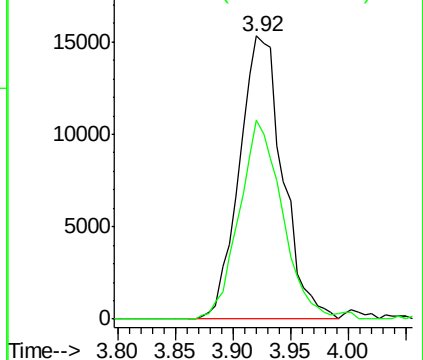
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.348 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

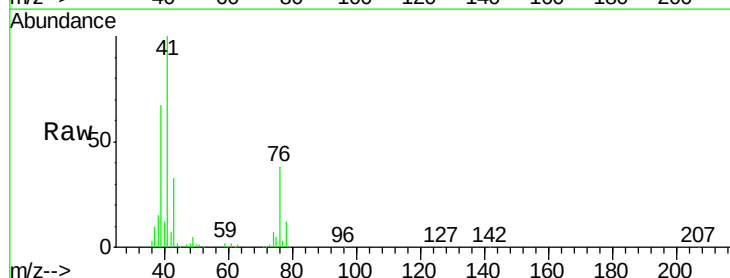
Tgt Ion: 41 Resp: 316871

Ion Ratio Lower Upper

41 100

39 66.1 52.2 78.4

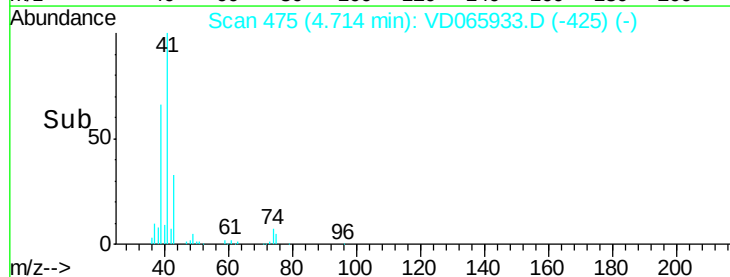
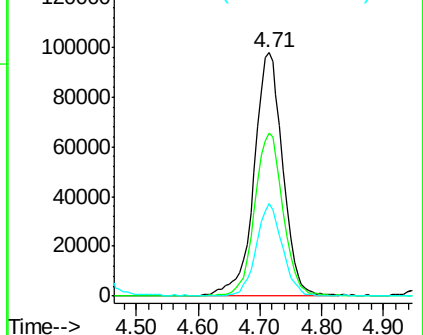
76 34.4 28.1 42.1

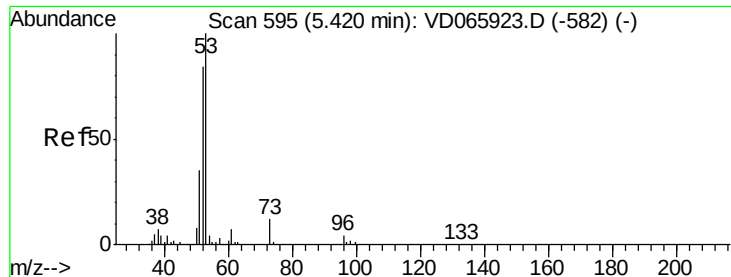


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 263.608 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

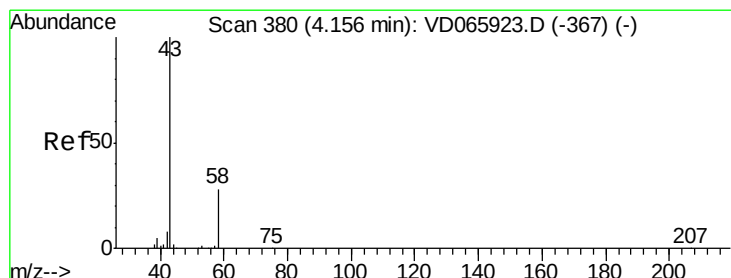
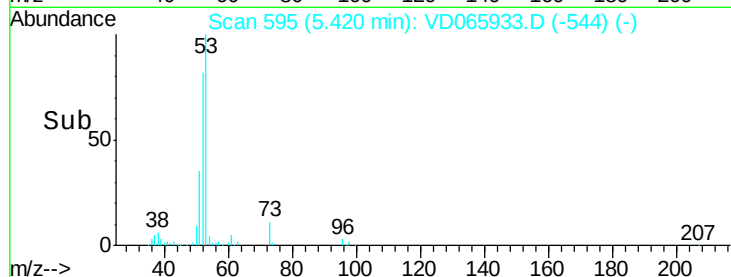
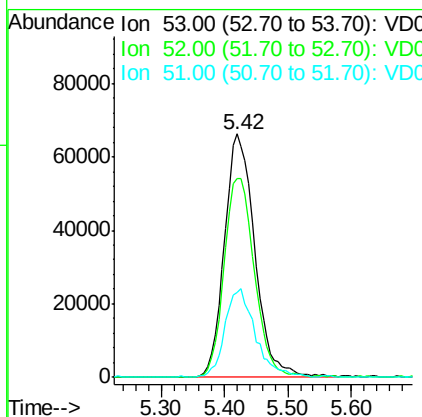
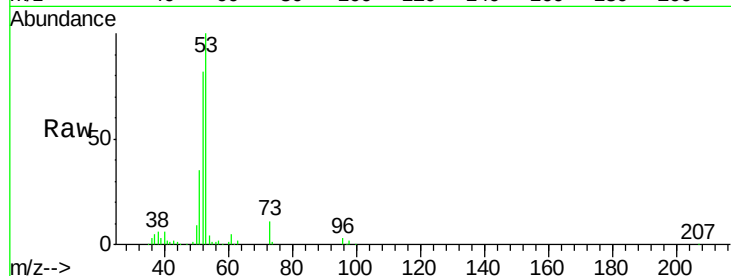
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	219140
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.3	99.5
51	36.4	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 210.294 ug/l

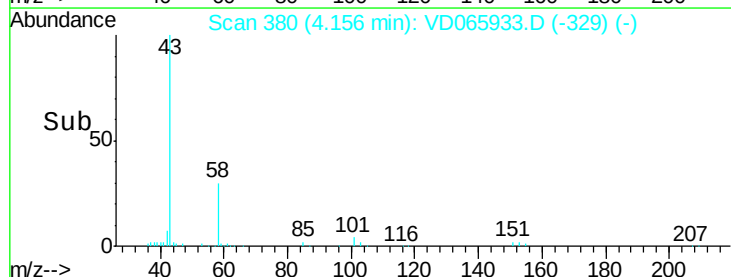
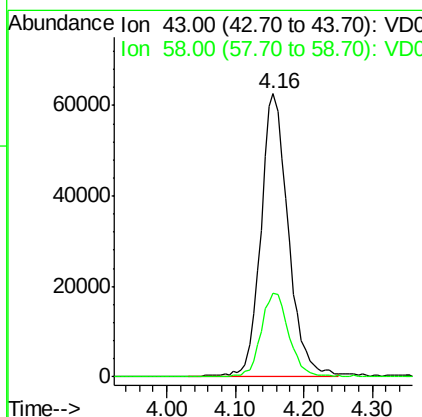
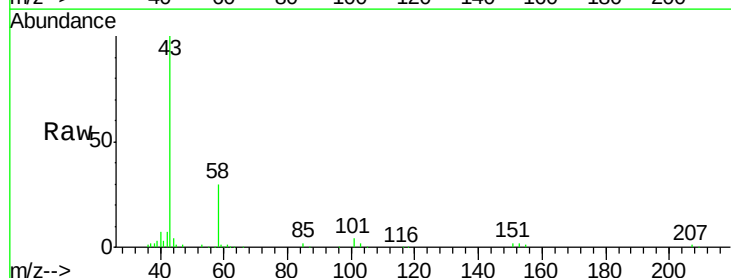
RT: 4.16 min Scan# 380

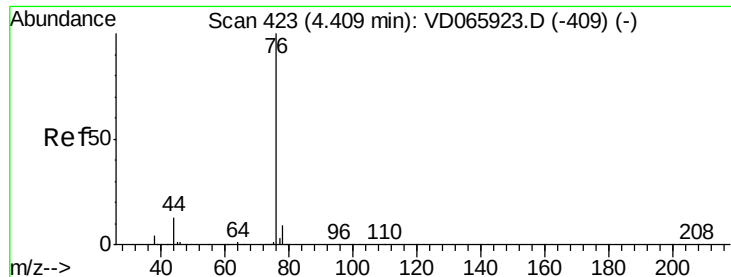
Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	43	Resp:	174298
Ion Ratio	Lower	Upper	
43	100		
58	29.2	22.7	34.1





#17

Carbon Disulfide

Concen: 45.789 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 564251

Ion Ratio Lower Upper

76 100

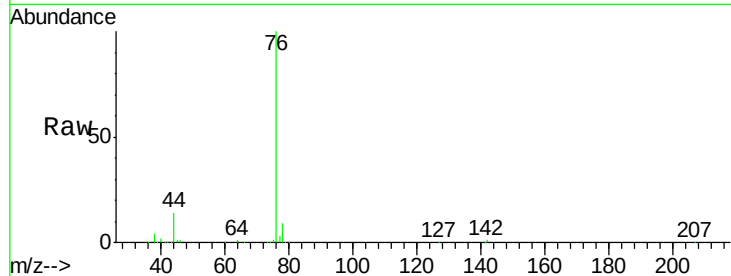
78 9.0 7.5 11.3

Manual Integrations

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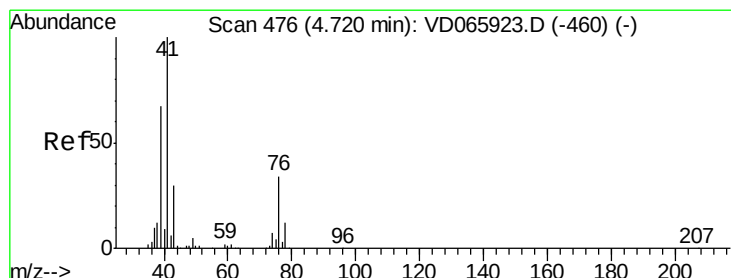
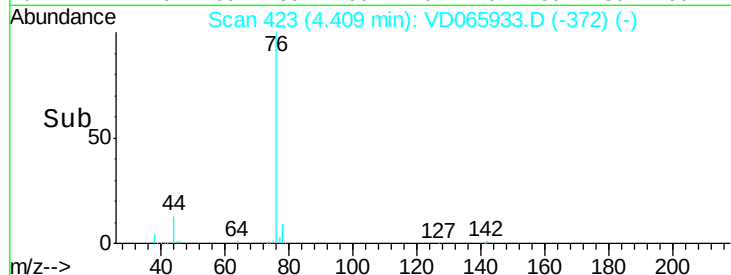
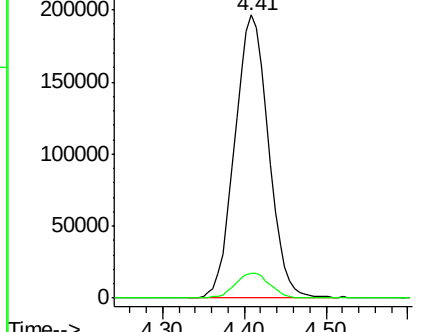
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.473 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065933.D

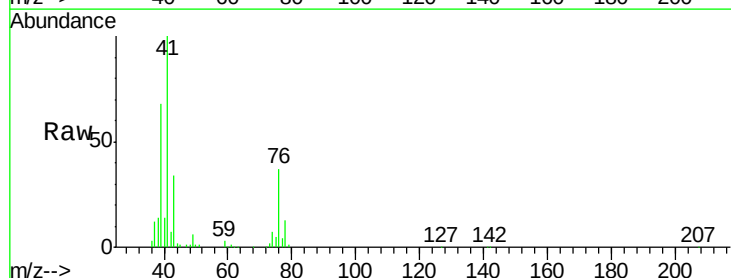
Acq: 07 Jul 2020 20:53

Tgt Ion: 43 Resp: 96119

Ion Ratio Lower Upper

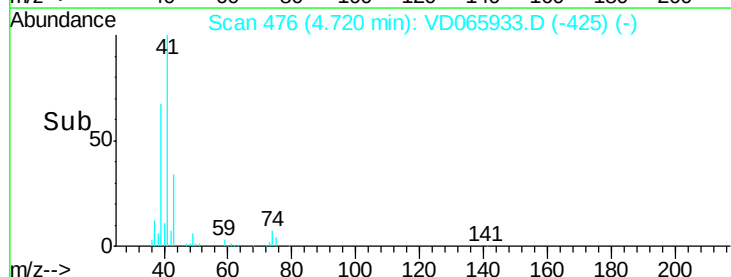
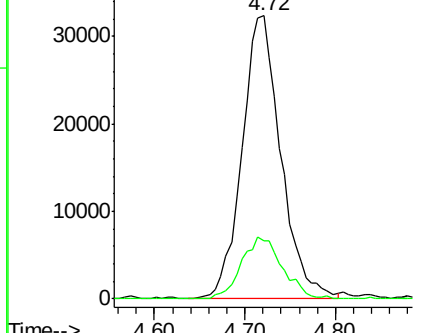
43 100

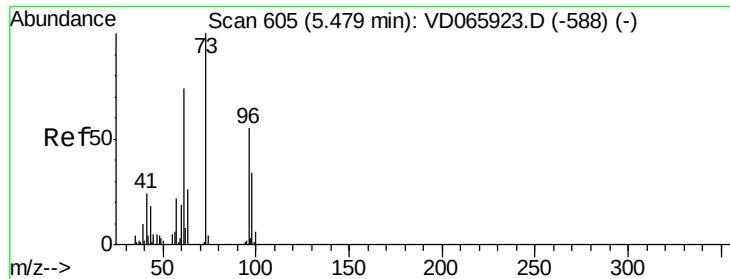
74 23.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





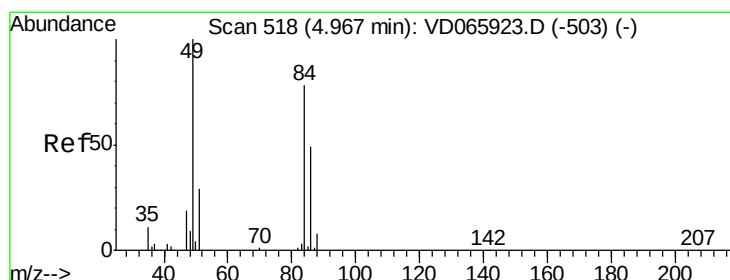
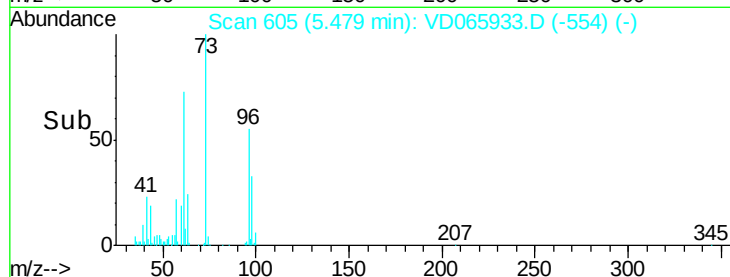
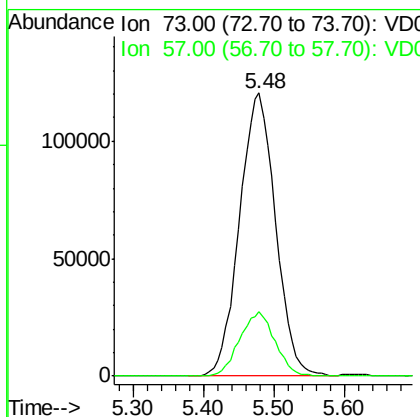
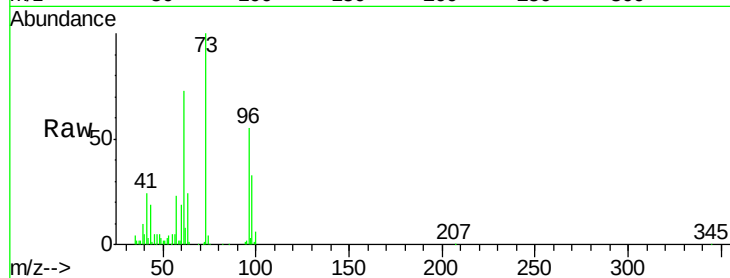
#19
Methyl tert-butyl Ether
Concen: 52.384 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 428916
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

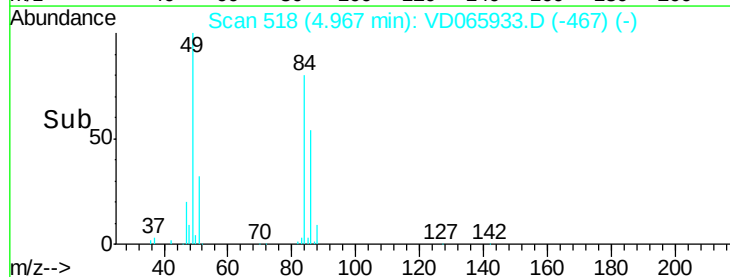
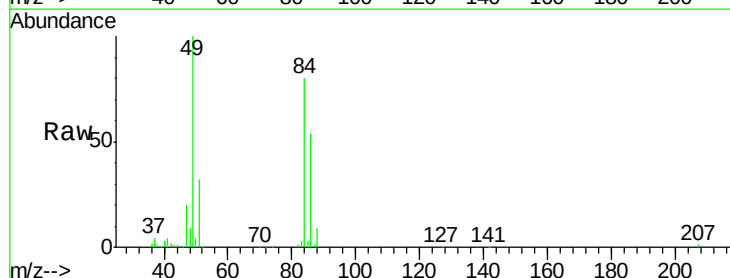
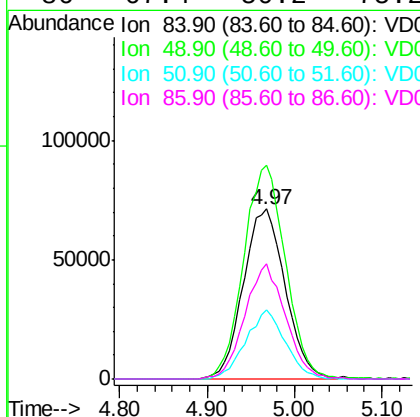
Manual Integrations
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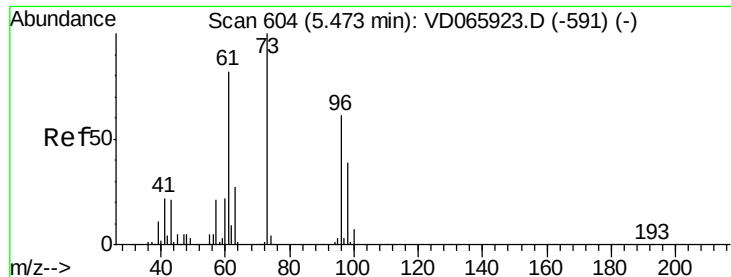
MMDadoda
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#20
Methylene Chloride
Concen: 51.221 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 84 Resp: 232825
Ion Ratio Lower Upper
84 100
49 125.6 102.2 153.2
51 40.3 29.8 44.6
86 67.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.787 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 212285

Ion Ratio Lower Upper

96 100

61 142.7 106.6 160.0

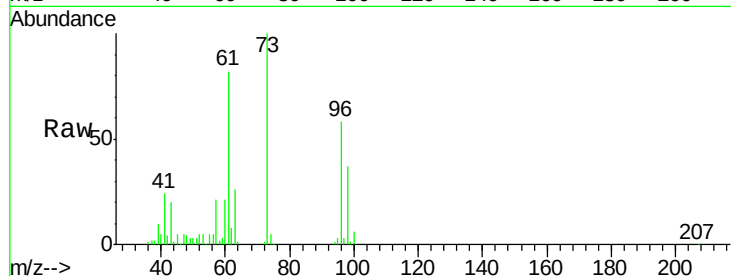
98 63.5 51.0 76.6

Manual Integrations

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MMDadoda

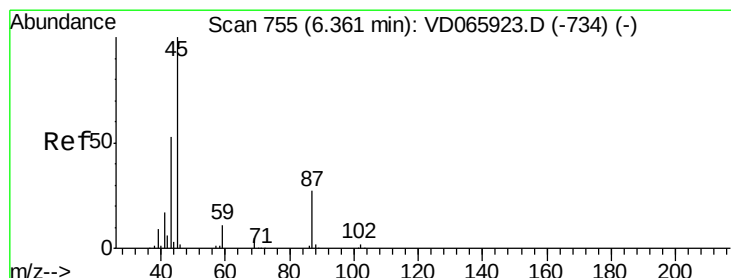
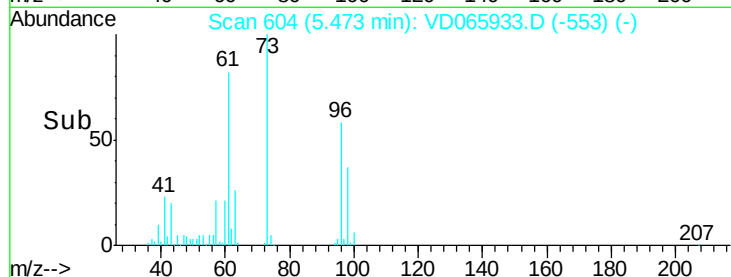
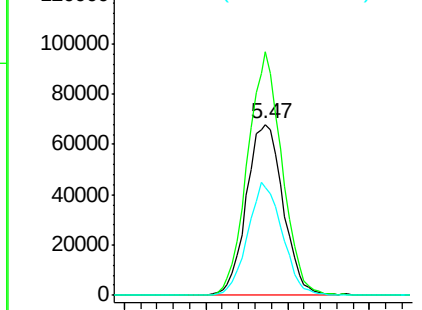
7/8/2020 12:05:16 PM



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



#22

Diisopropyl ether

Concen: 51.569 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion: 45 Resp: 635166

Ion Ratio Lower Upper

45 100

43 53.9 42.5 63.7

87 25.4 22.2 33.2

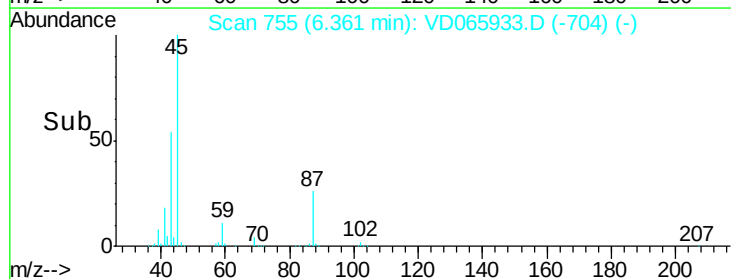
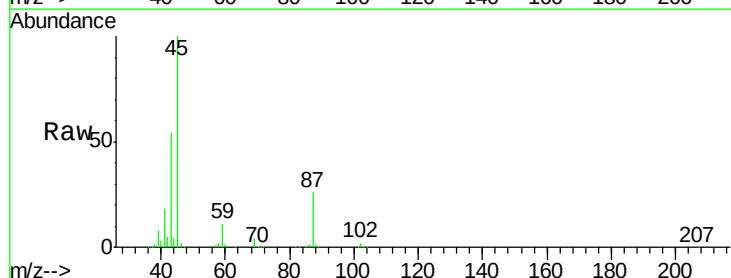
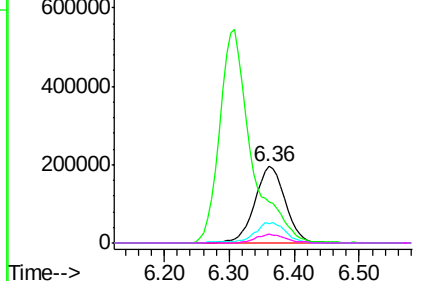
59 11.1 8.9 13.3

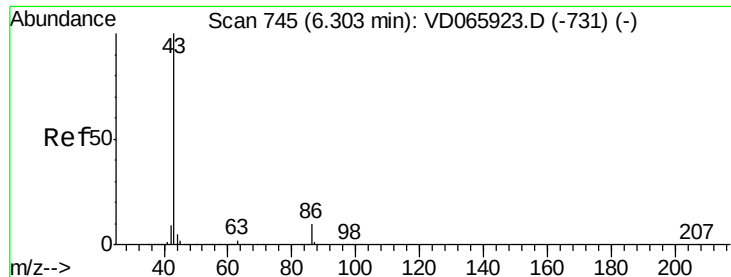
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 261.128 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1835820

Ion Ratio Lower Upper

43 100

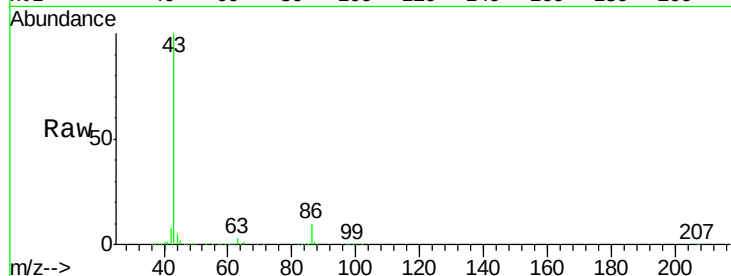
86 10.1 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

600000

500000

400000

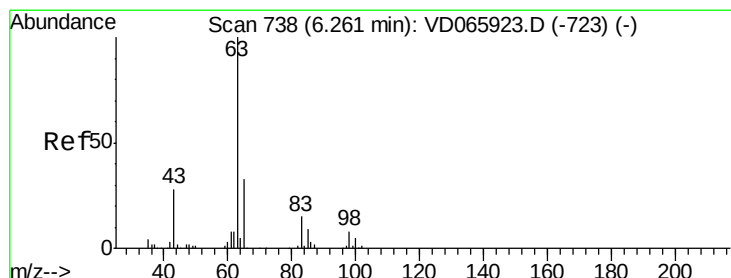
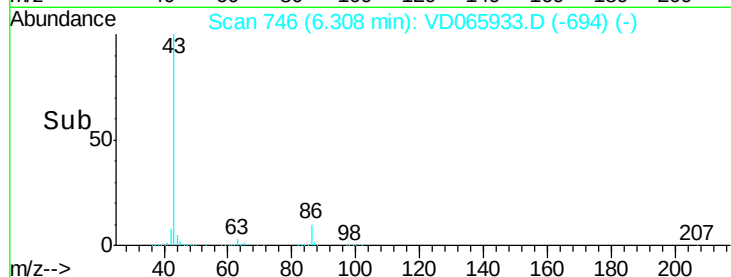
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.075 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

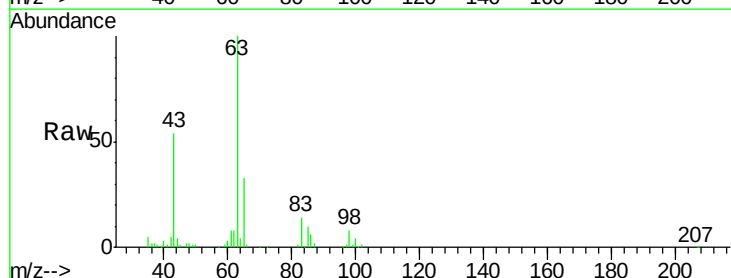
Tgt Ion: 63 Resp: 360420

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.4 2.5 7.5



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

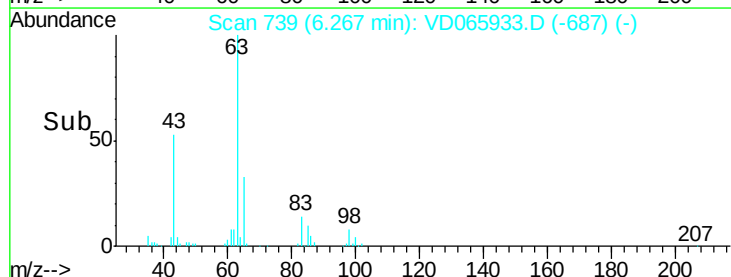
150000

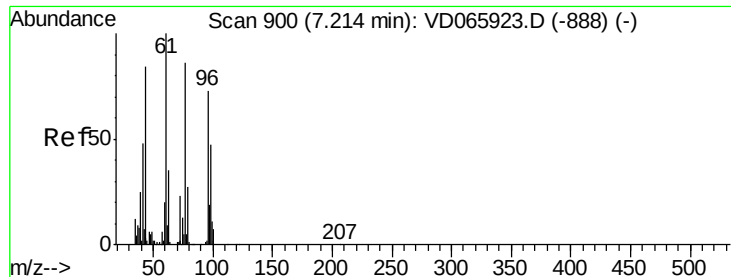
100000

50000

0

Time-->





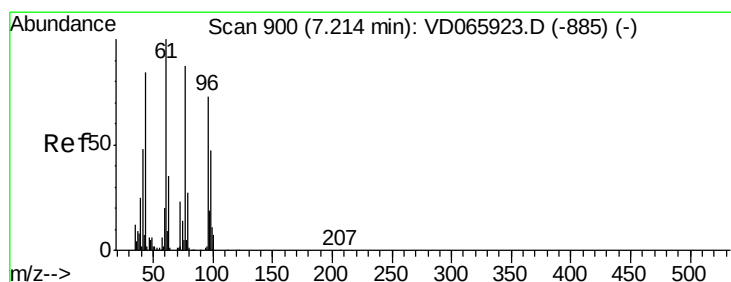
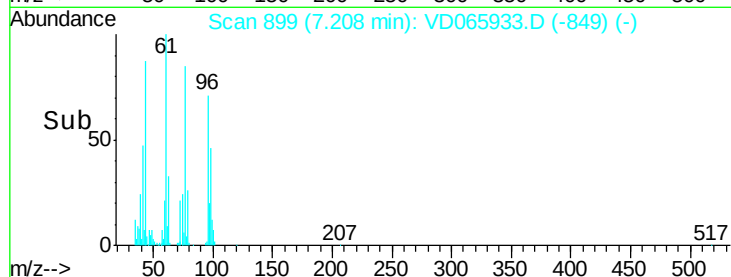
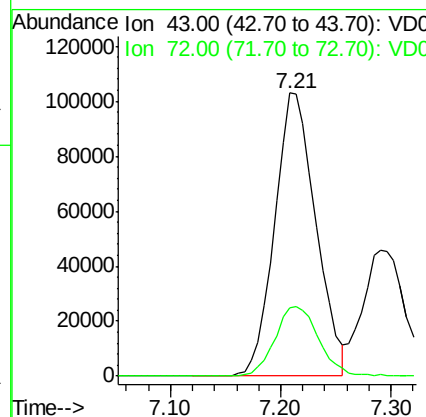
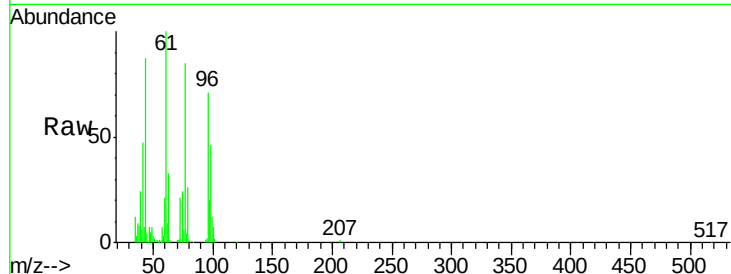
#25
2-Butanone
Concen: 243.389 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 266564
Ion Ratio Lower Upper
43 100
72 24.3 22.1 33.1

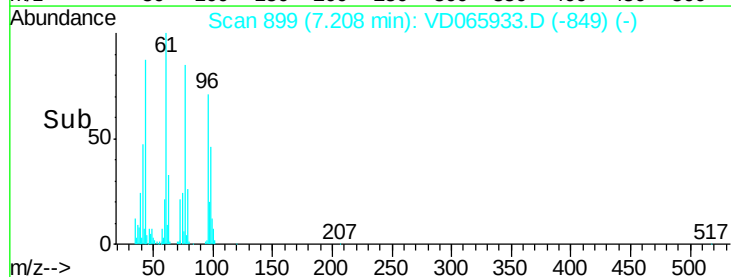
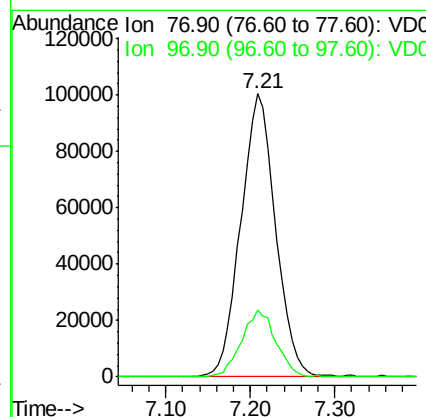
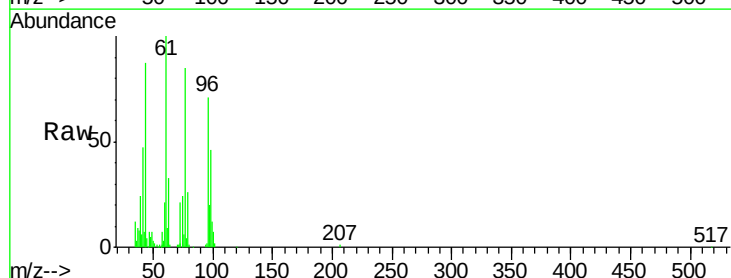
Manual Integrations
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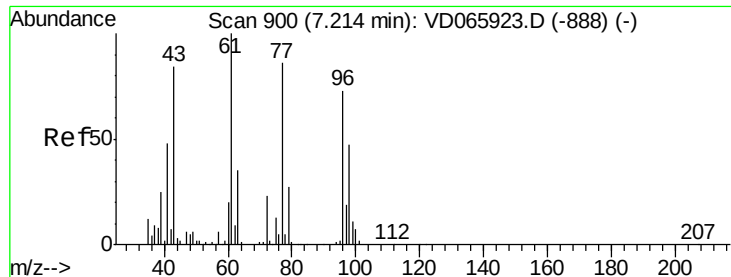
MMDadoda
7/8/2020 12:05:16 PM



#26
2,2-Dichloropropane
Concen: 44.550 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 77 Resp: 286233
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





#27

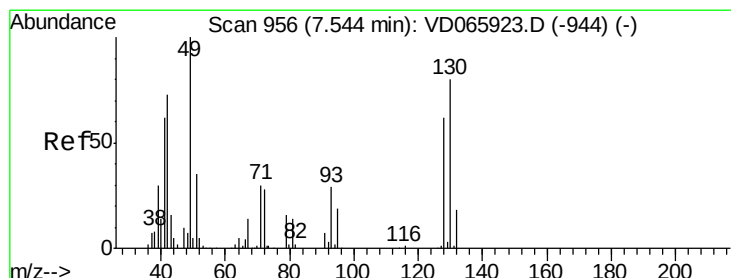
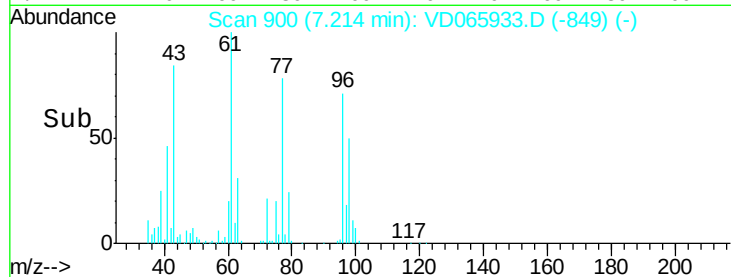
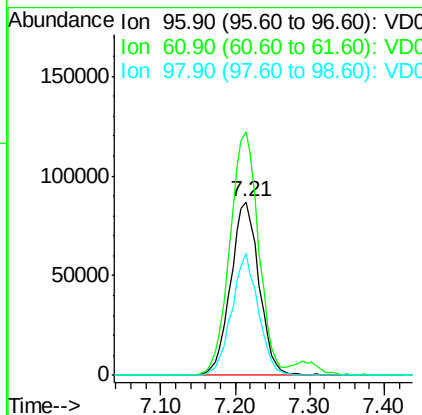
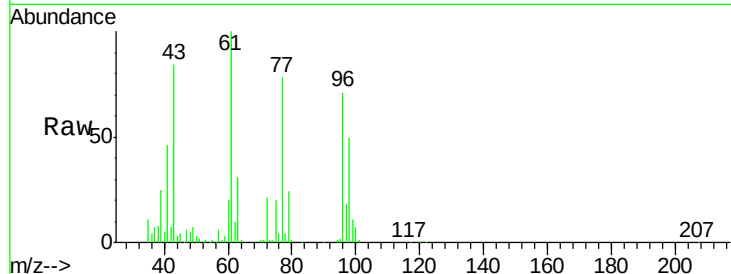
cis-1,2-Dichloroethene
 Concen: 49.422 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	286.6
98	65.6	0.0	128.2

Manual Integrations
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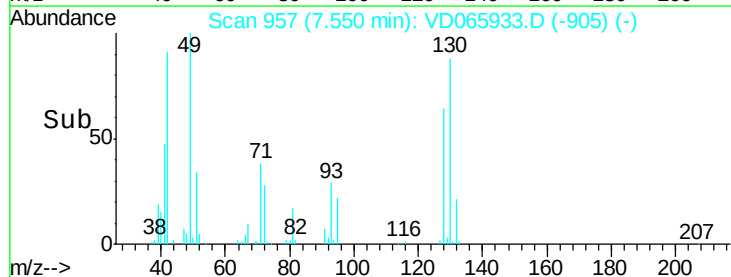
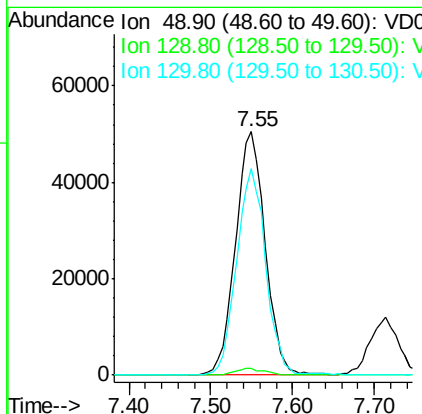
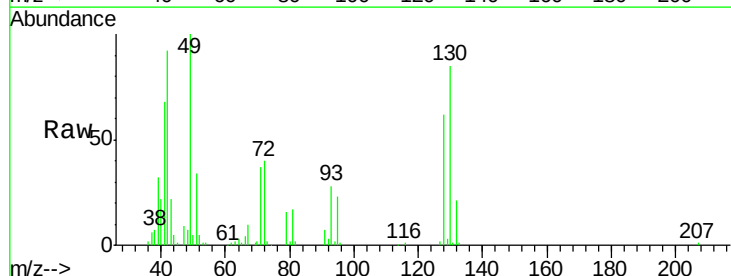
MMDadoda
 7/8/2020 12:05:16 PM

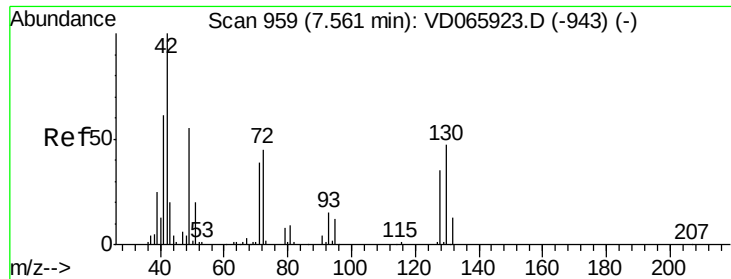


#28

Bromochloromethane
 Concen: 46.101 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	83.2	65.8	98.8





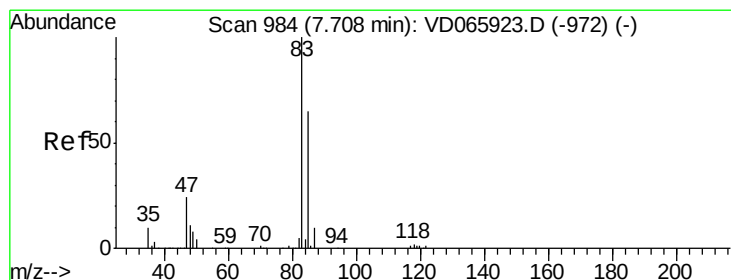
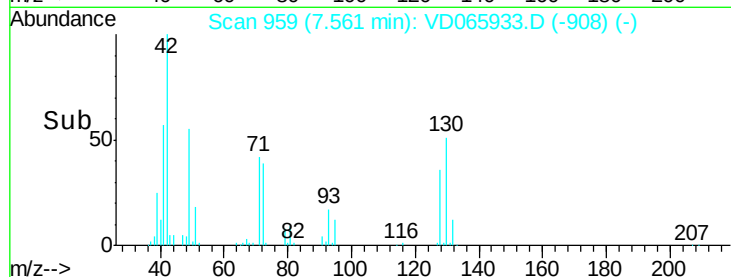
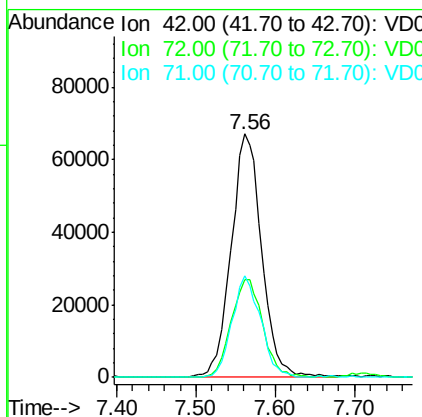
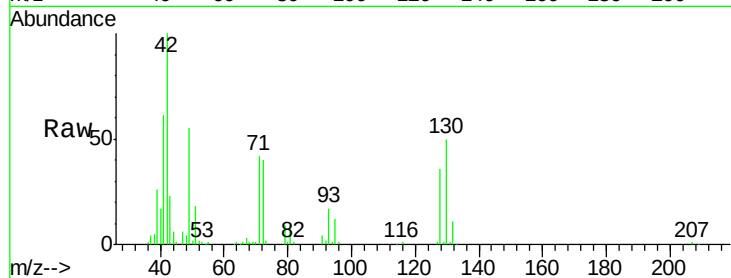
#29
Tetrahydrofuran
Concen: 257.277 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.8	49.2
71	38.8	31.0	46.4

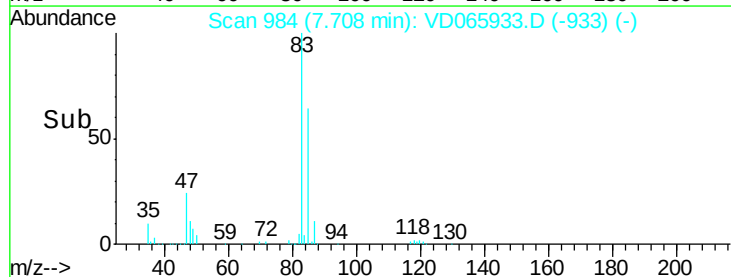
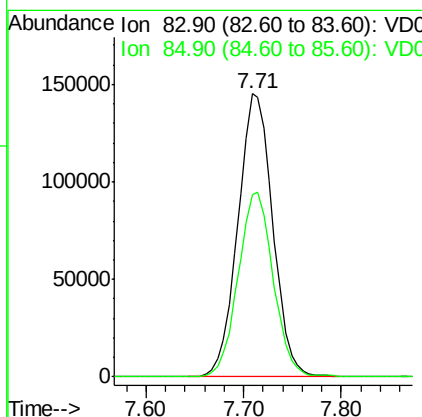
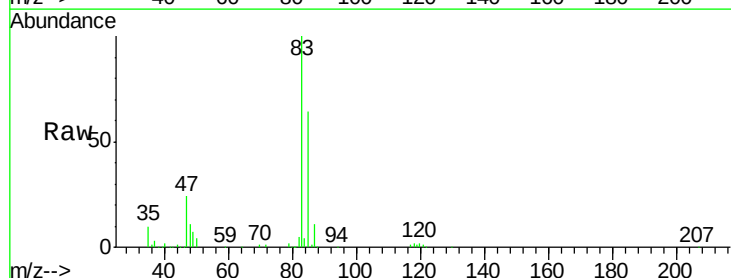
Manual Integrations
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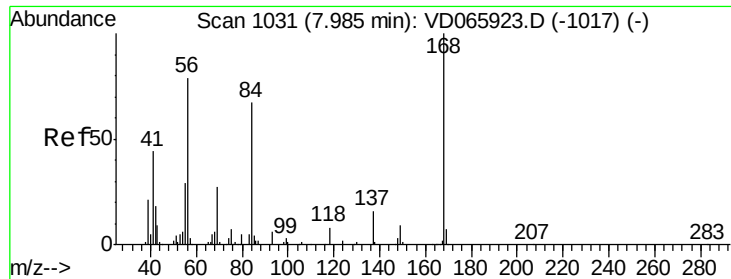
MMDadoda
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#30
Chloroform
Concen: 48.713 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





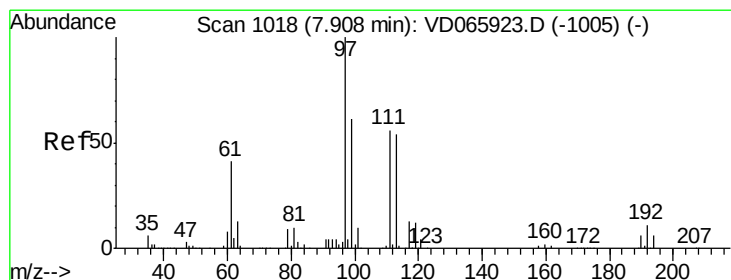
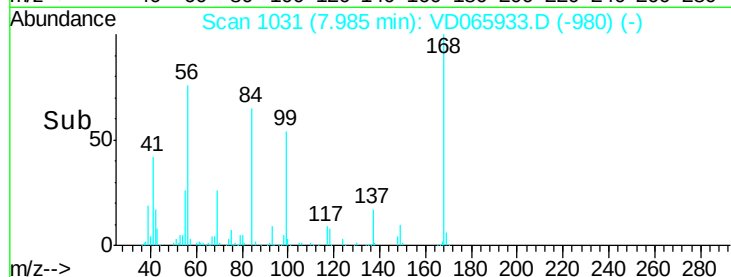
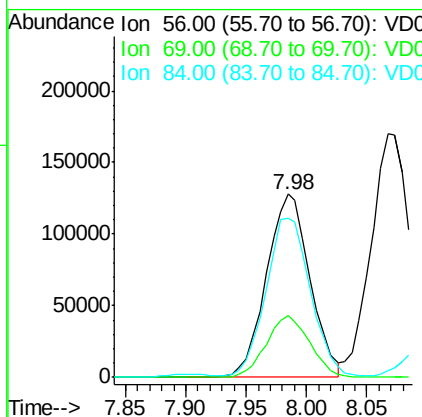
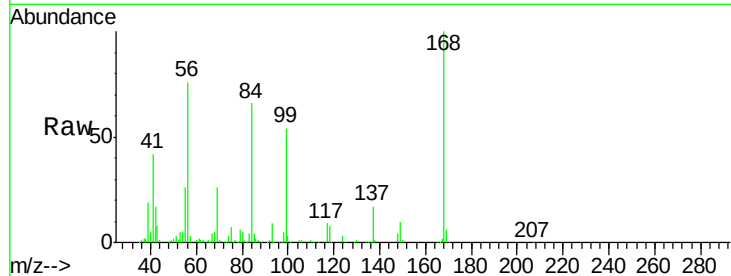
#31
Cyclohexane
Concen: 44.043 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.4	41.0
84	85.1	68.6	102.8

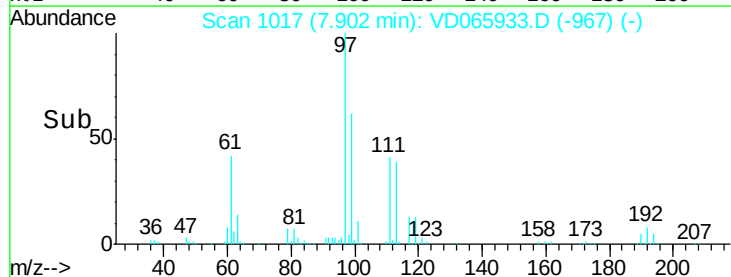
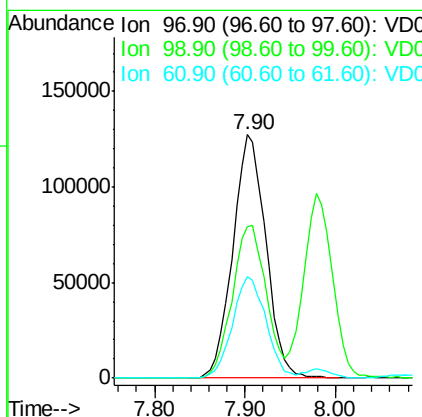
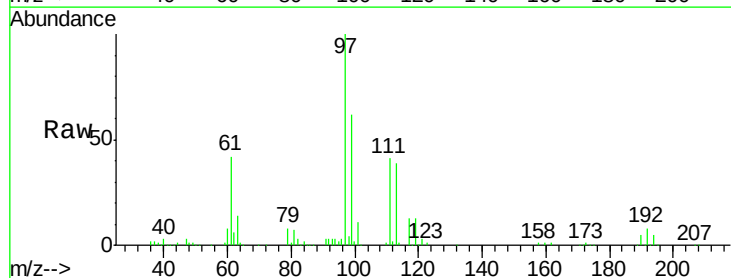
Manual Integrations
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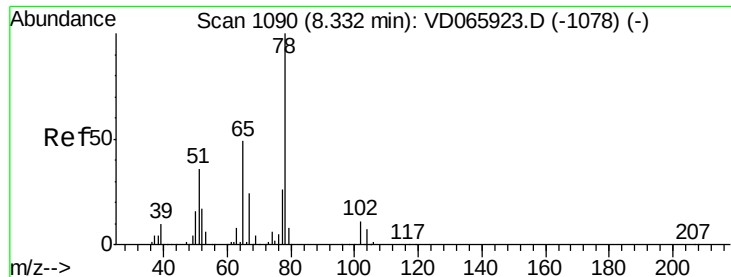
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#32
1,1,1-Trichloroethane
Concen: 47.516 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	42.3	33.6	50.4





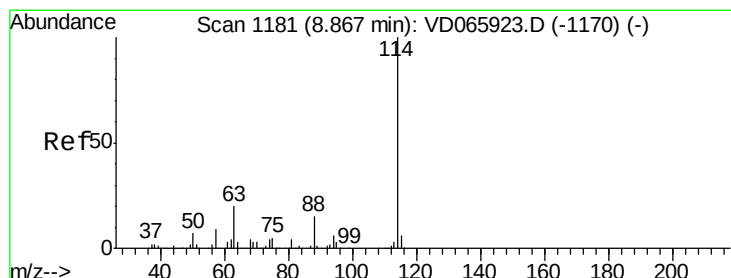
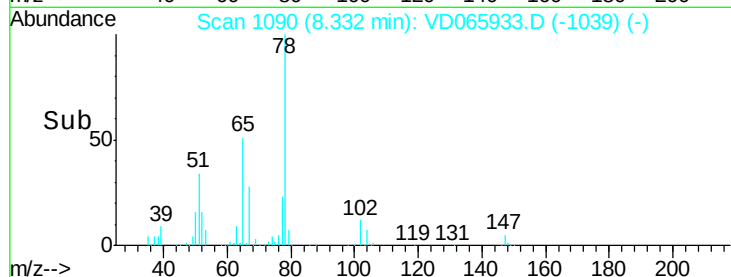
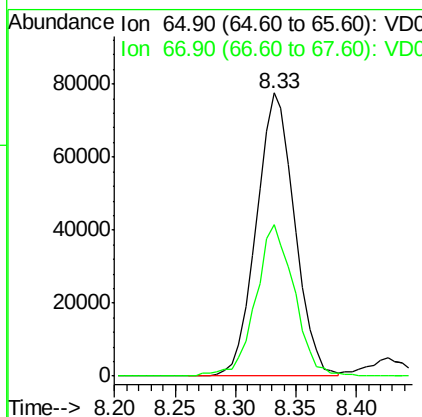
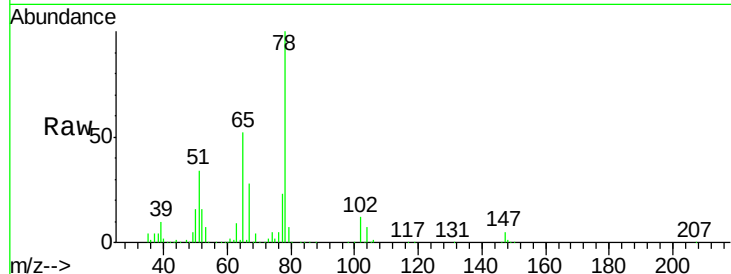
#33
 1,2-Dichloroethane-d4
 Concen: 48.066 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169989		
67	53.8	0.0	105.6	

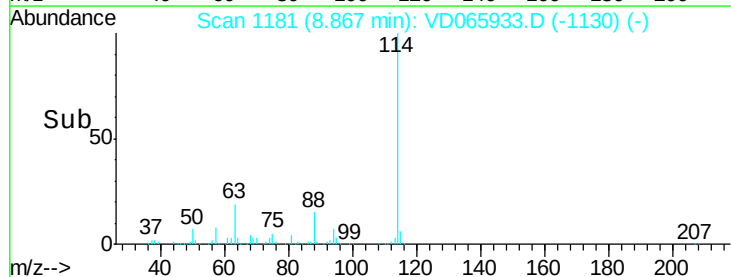
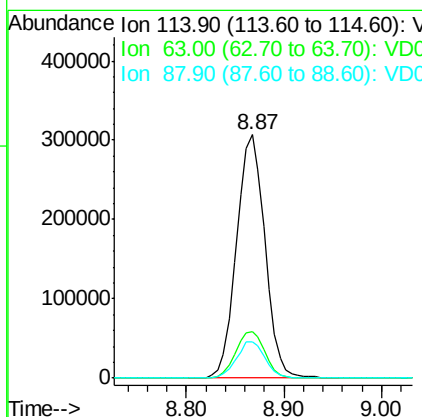
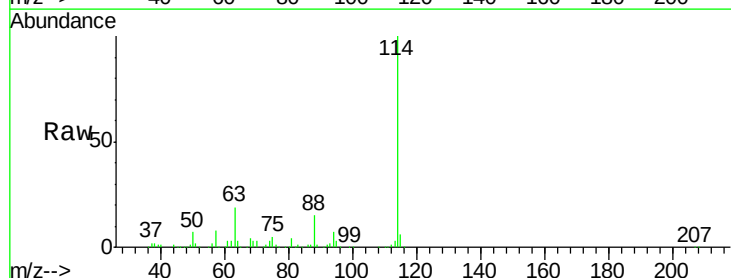
Manual Integrations
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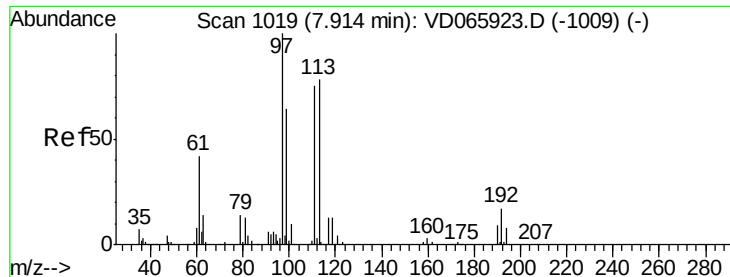
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	622663		
63	19.1	0.0	39.2	
88	15.0	0.0	30.0	





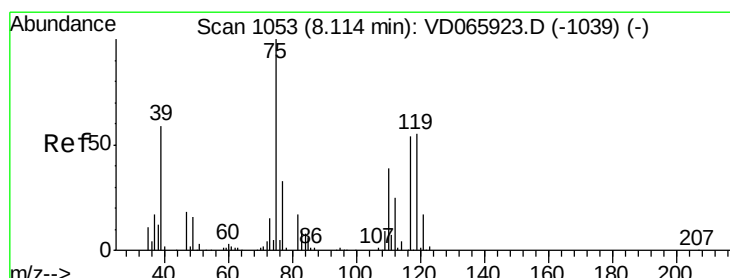
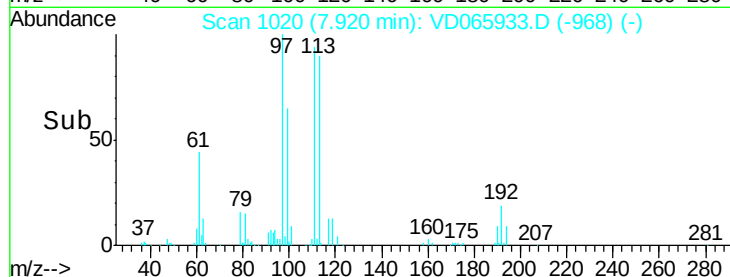
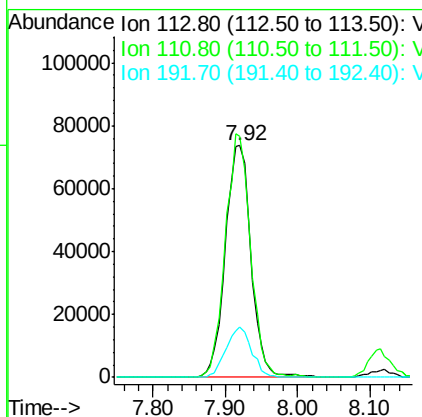
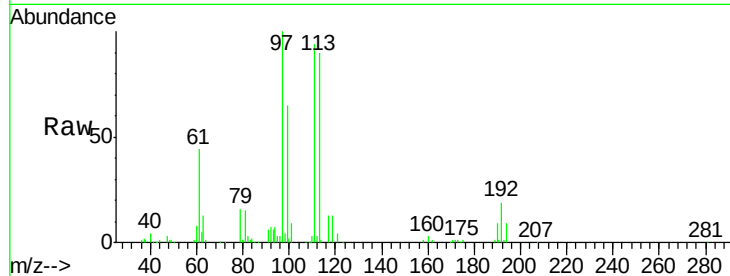
#35
Dibromofluoromethane
Concen: 47.343 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	21.6	17.1	25.7

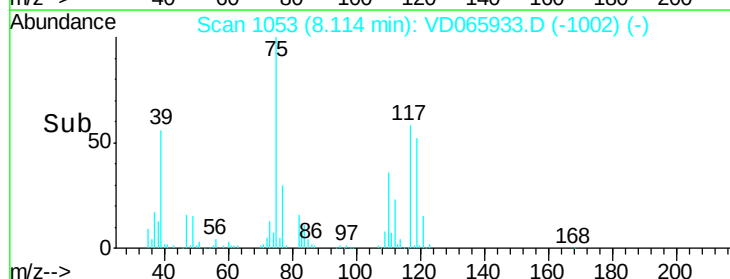
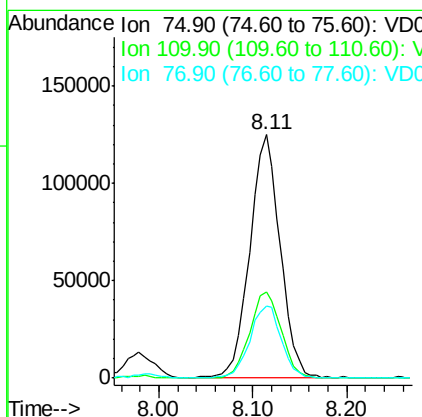
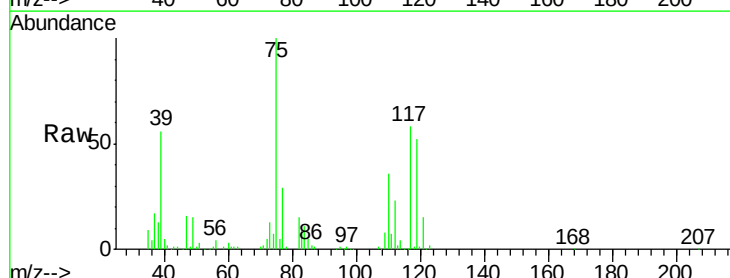
Manual Integrations
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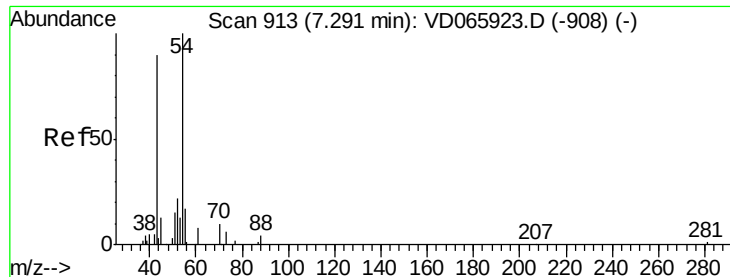
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#36
1,1-Dichloropropene
Concen: 45.528 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.5	55.5
77	31.1	25.6	38.4





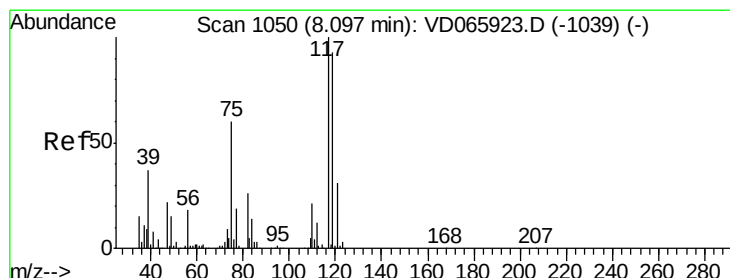
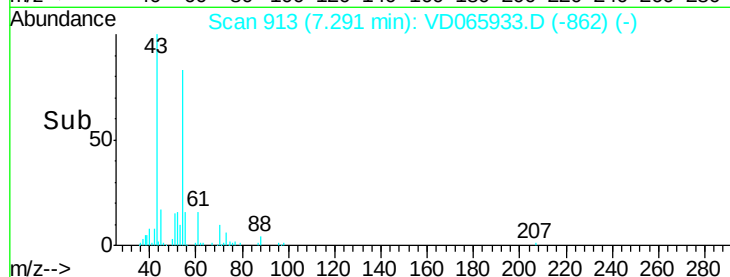
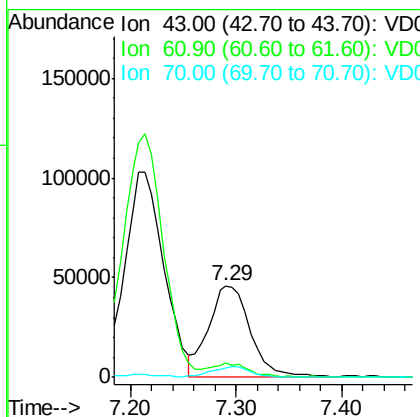
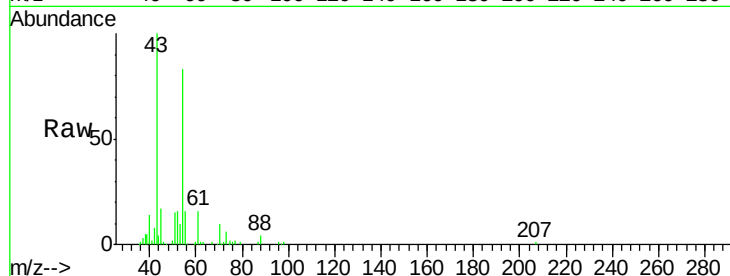
#37
Ethyl Acetate
Concen: 48.351 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.4	14.0
70	10.6	8.3	12.5

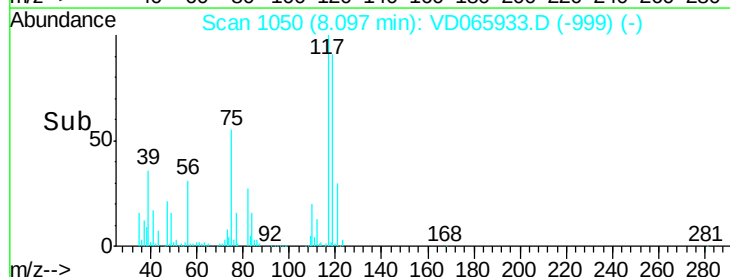
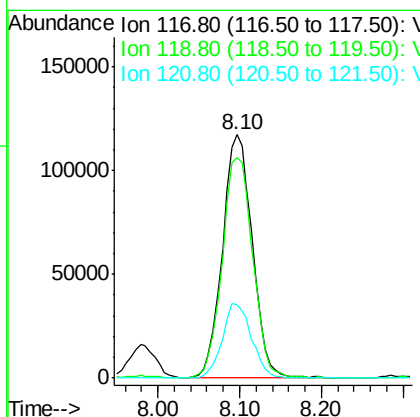
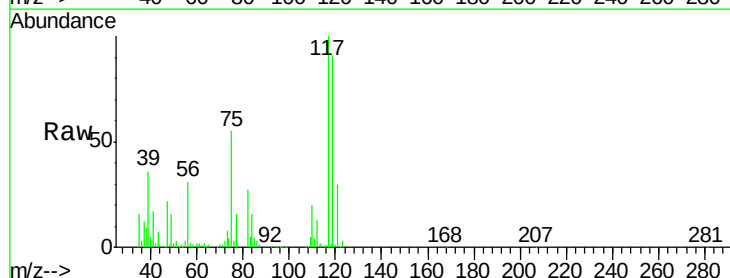
Manual Integrations
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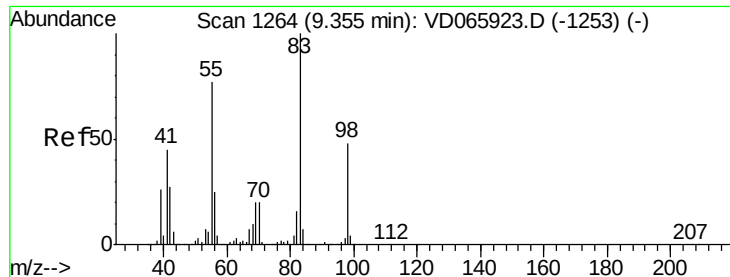
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#38
Carbon Tetrachloride
Concen: 45.131 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	74.7	112.1
121	30.0	24.9	37.3





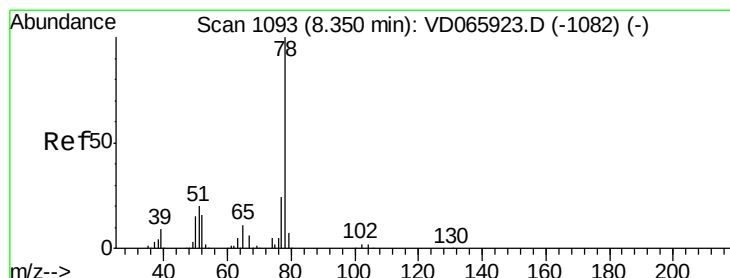
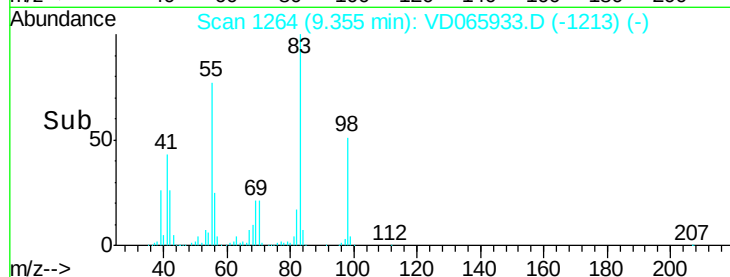
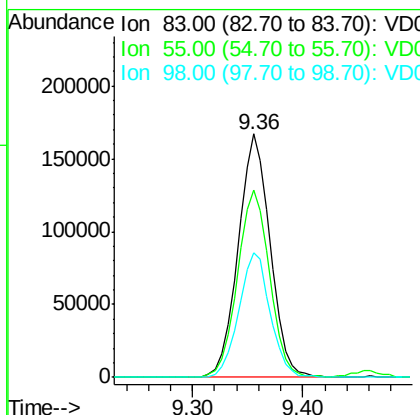
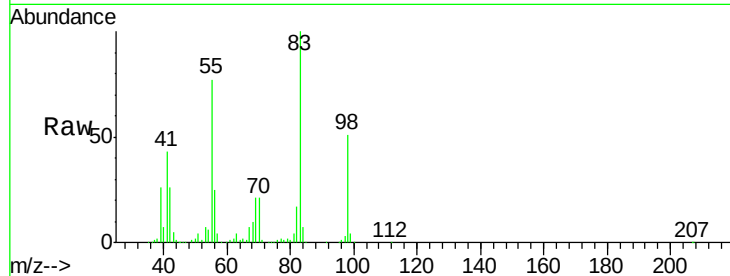
#39
Methylvlcyclohexane
Concen: 44.887 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.7	92.5
98	51.0	38.6	58.0

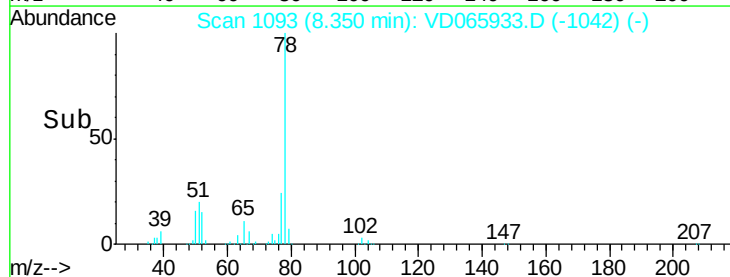
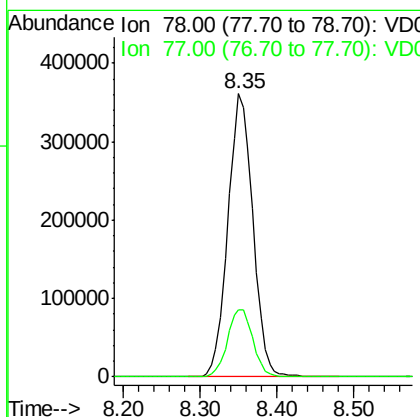
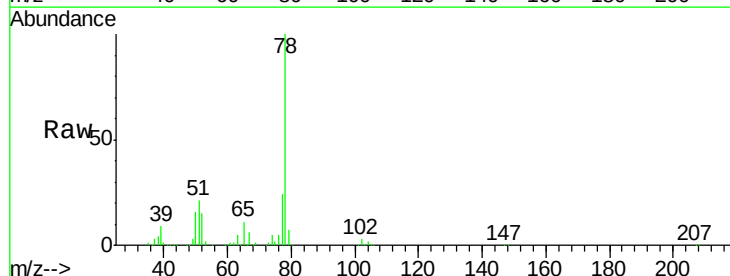
Manual Integrations
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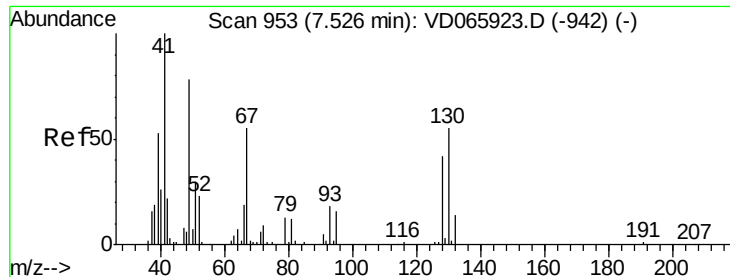
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#40
Benzene
Concen: 48.203 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





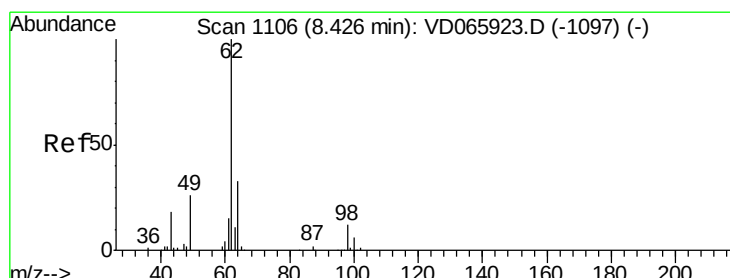
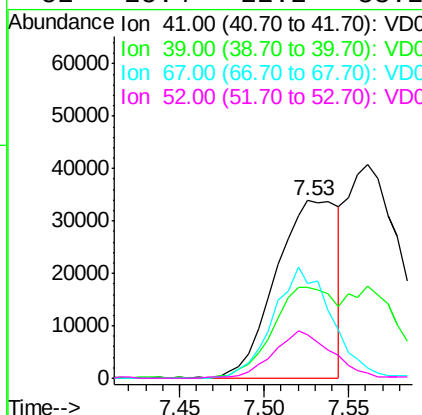
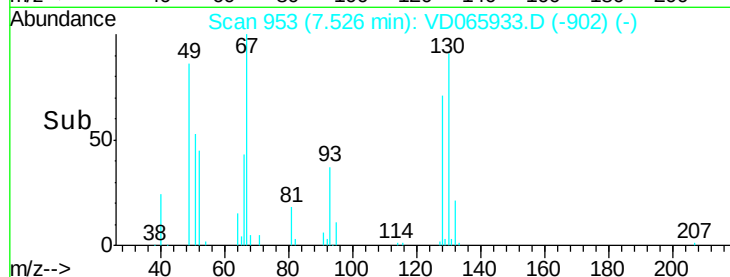
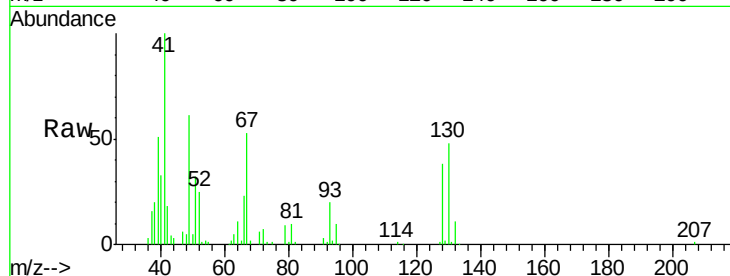
#41
Methacrylonitrile
Concen: 58.216 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	42.4	63.6	
67	58.4	53.6	80.4	
52	25.4	22.2	33.2	

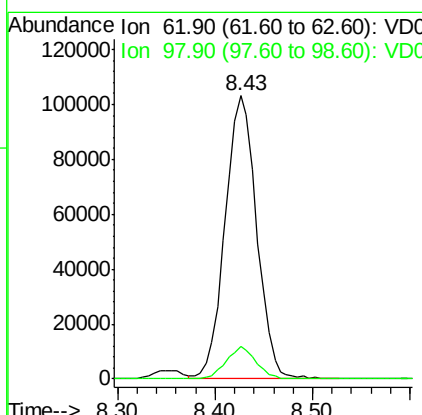
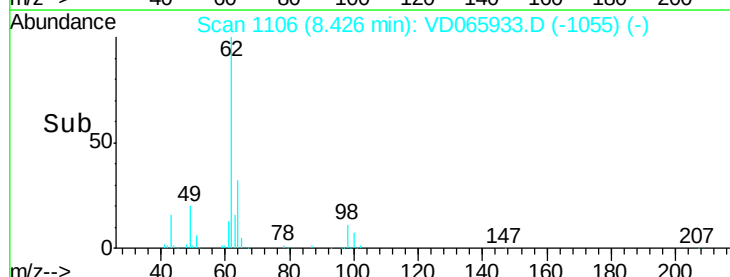
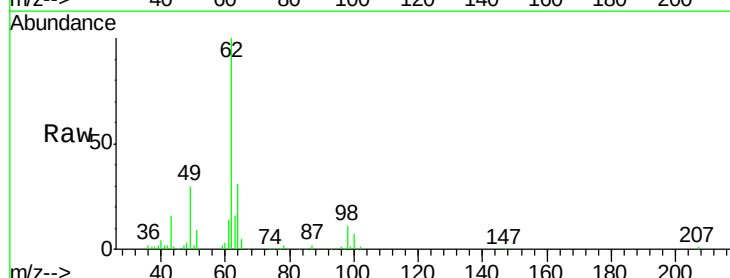
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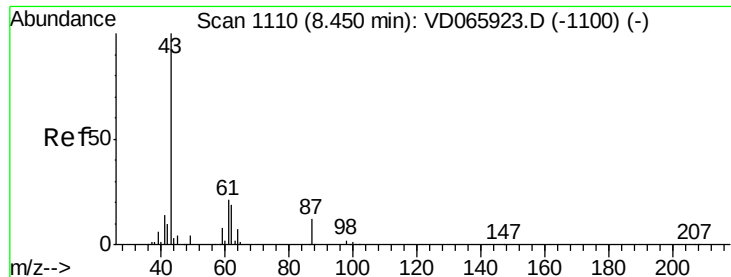
MMDadoda
7/8/2020 12:05:16 PM



#42
1,2-Dichloroethane
Concen: 48.105 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.239 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

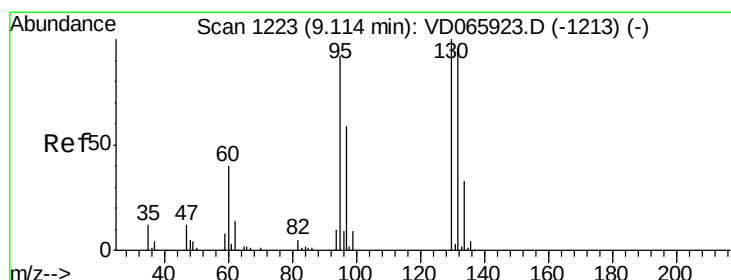
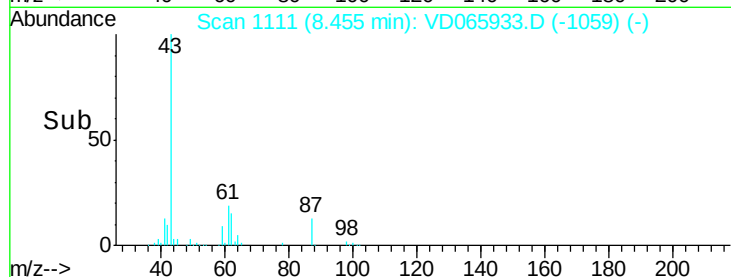
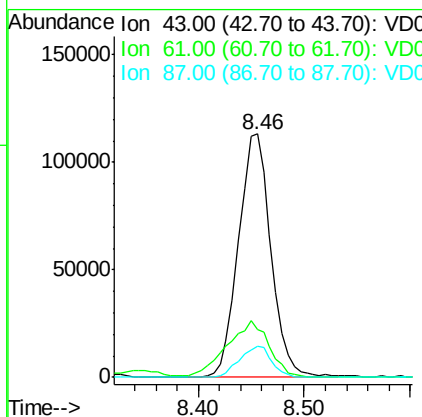
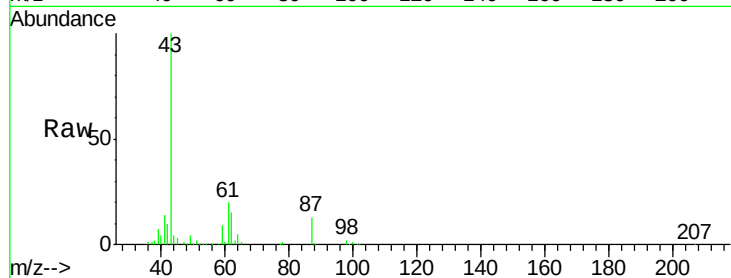
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	240957
Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.2	34.8
87	12.6	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 45.619 ug/l

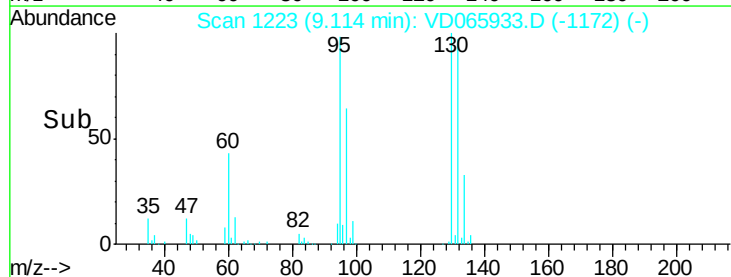
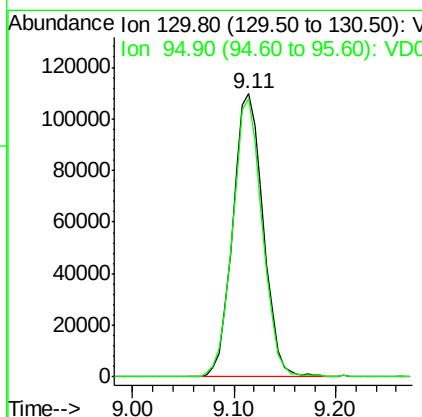
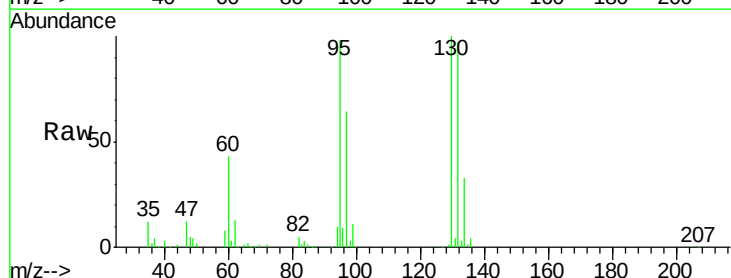
RT: 9.11 min Scan# 1223

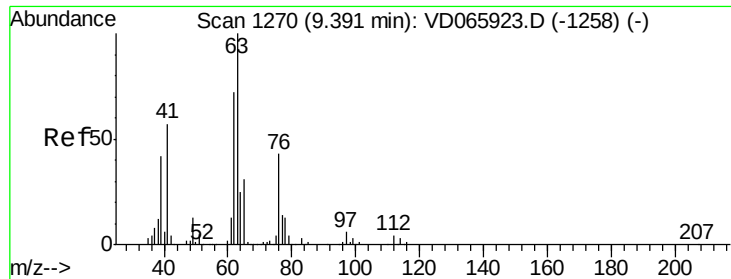
Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	130	Resp:	227721
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	184.6





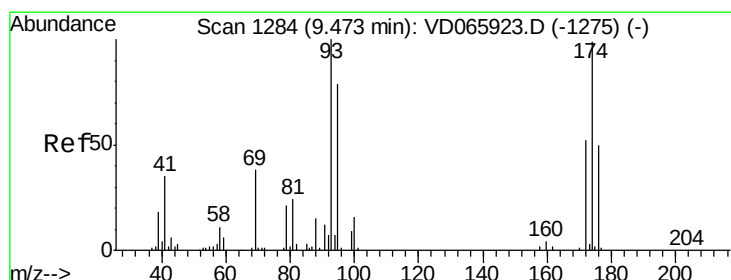
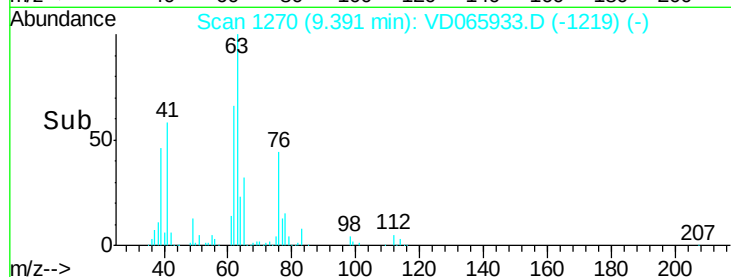
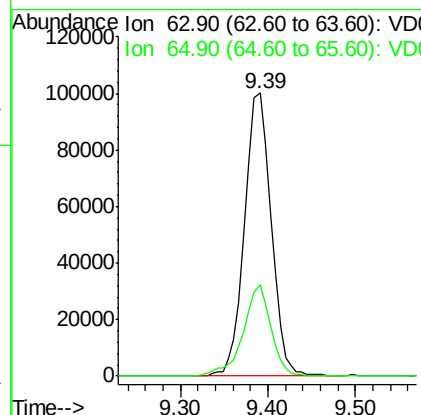
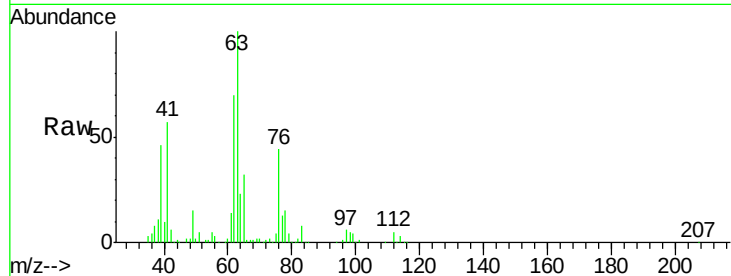
#45
 1,2-Dichloropropane
 Concen: 48.794 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.0	37.6

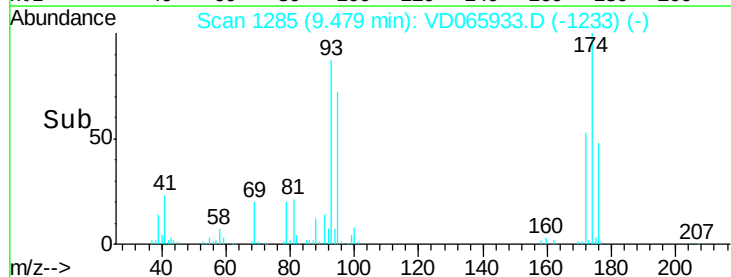
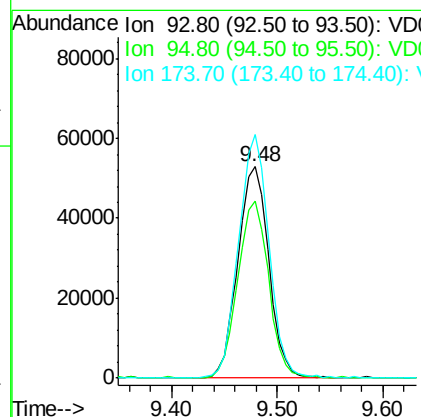
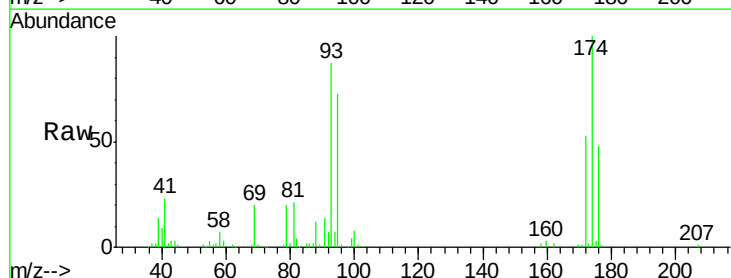
Manual Integrations
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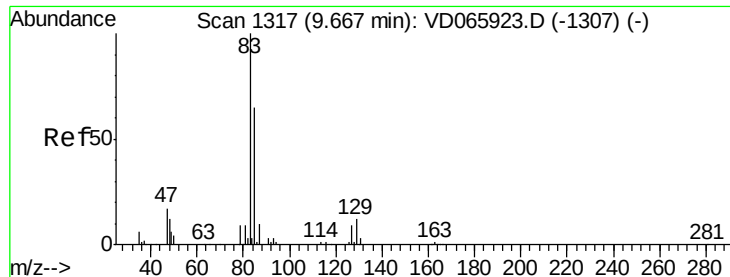
MMDadoda
 7/8/2020 12:05:16 PM



#46
 Dibromomethane
 Concen: 49.071 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	68.2	102.2
174	113.0	88.0	132.0





#47

Bromodichloromethane

Concen: 49.059 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

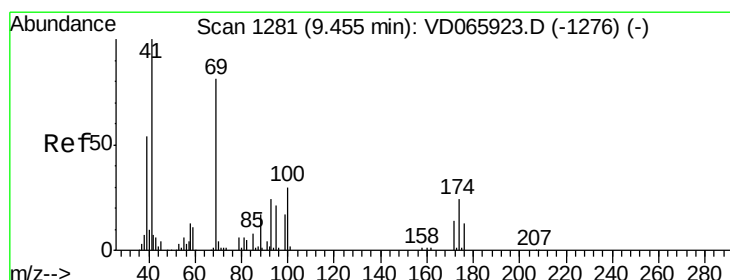
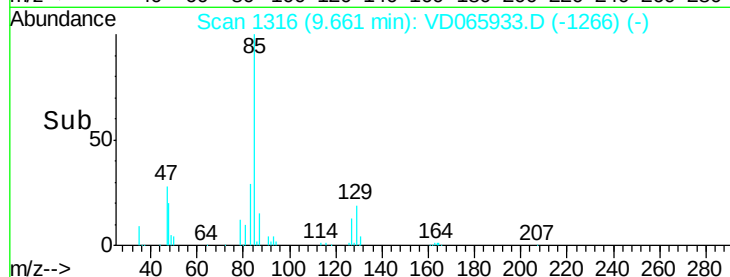
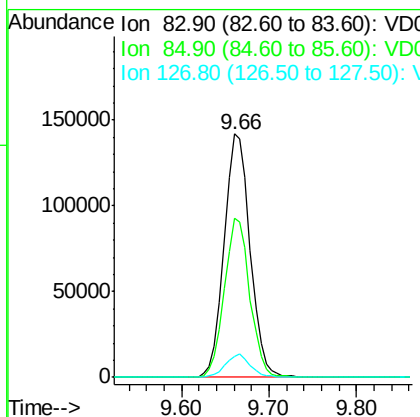
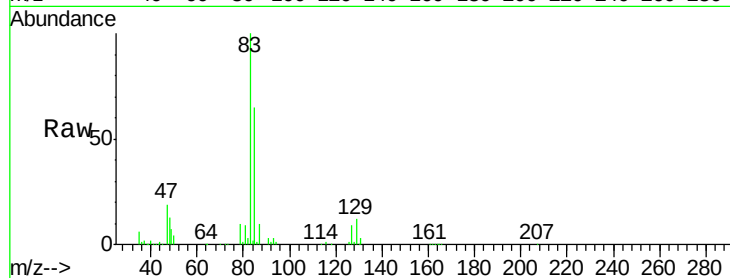
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	288902
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.6	77.4
127	8.6	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.654 ug/l

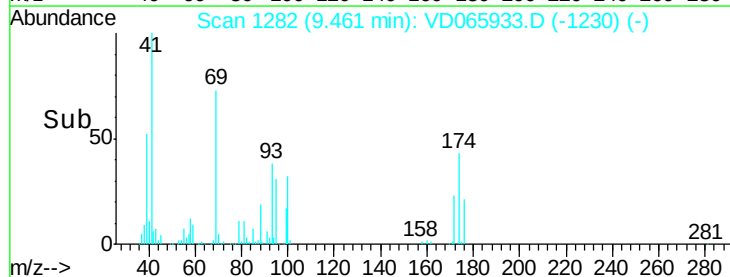
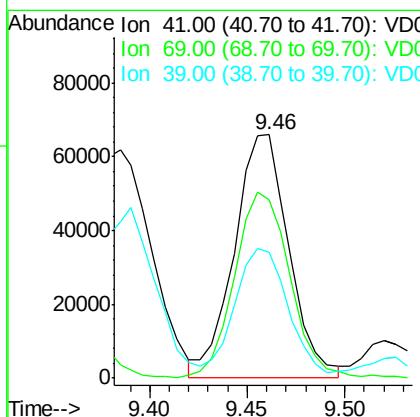
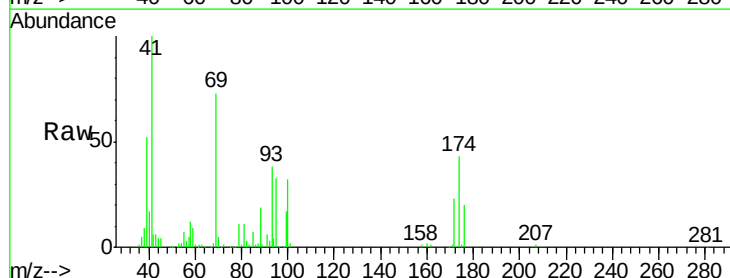
RT: 9.46 min Scan# 1282

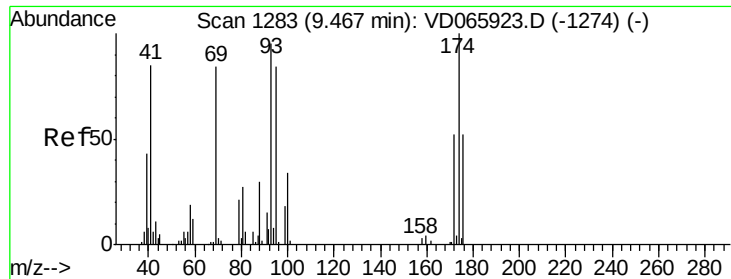
Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	41	Resp:	127133
Ion Ratio	Lower	Upper	
41	100		
69	78.2	62.2	93.4
39	47.6	39.9	59.9





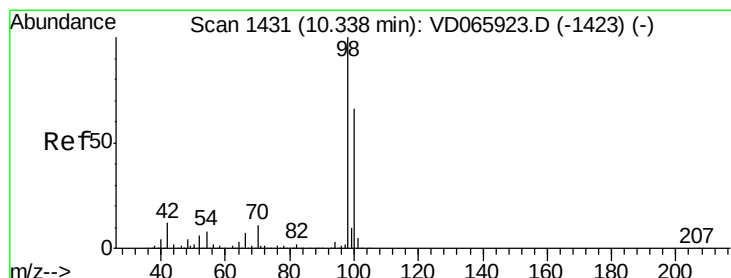
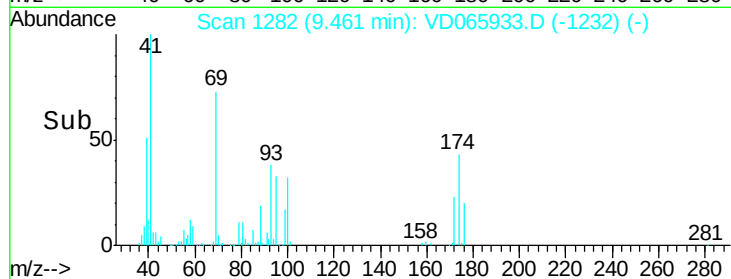
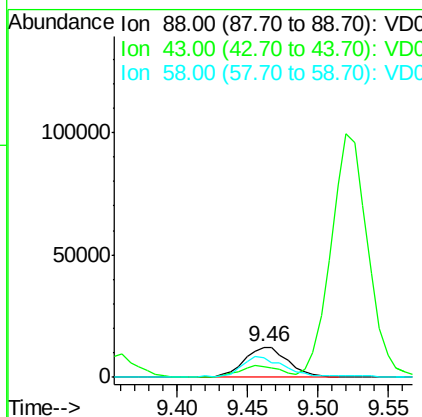
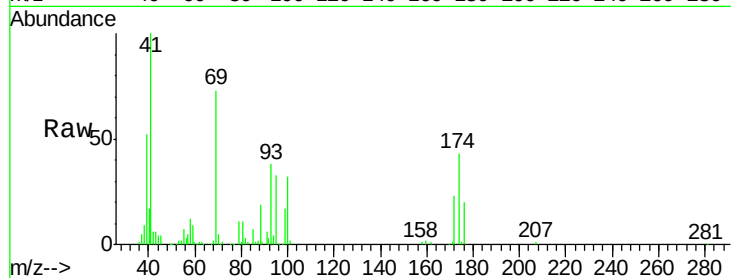
#49
1,4-Dioxane
Concen: 1023.395 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	26695
Ion	Ratio	Lower	Upper
88	100		
43	34.3	28.2	42.4
58	68.2	58.6	87.8

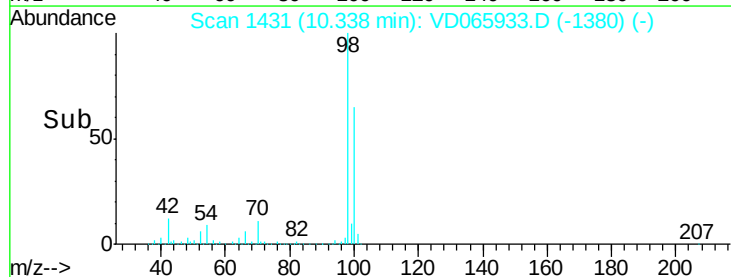
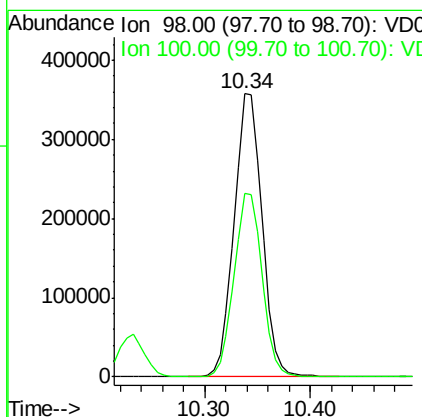
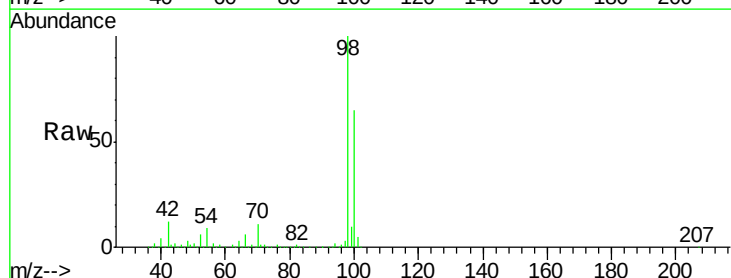
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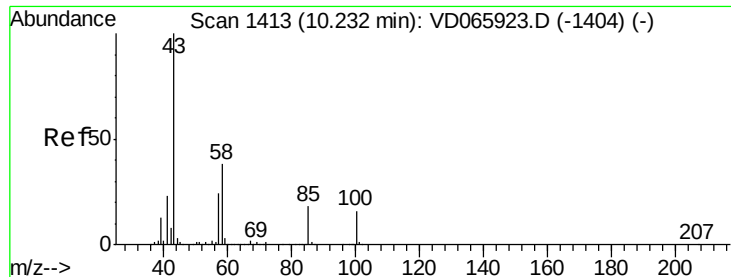
MMDadoda
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#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	98	Resp	654396
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





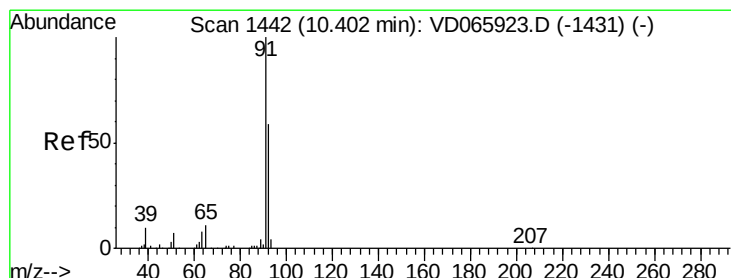
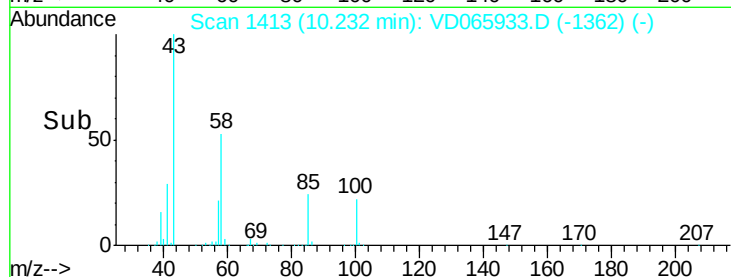
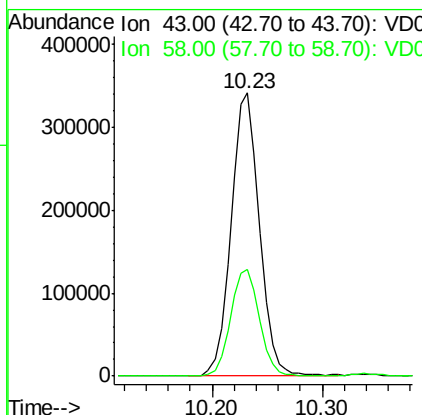
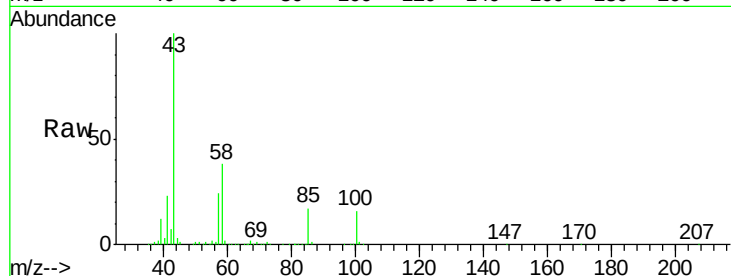
#51
4-Methyl-2-Pentanone
Concen: 253.357 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.5	45.7

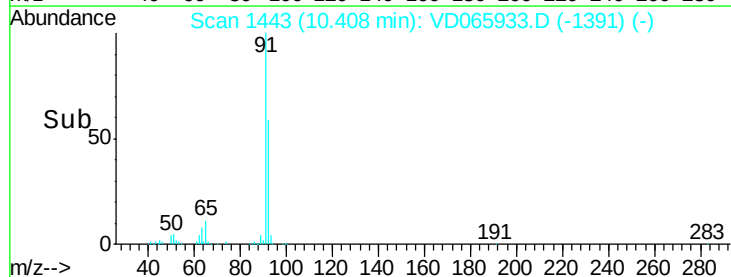
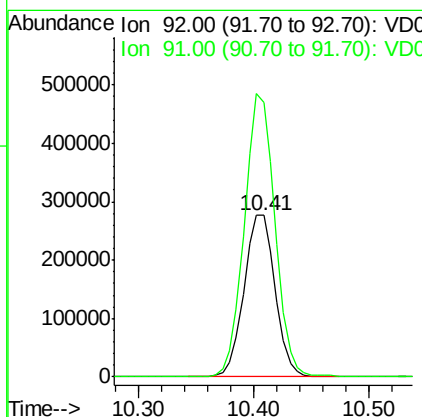
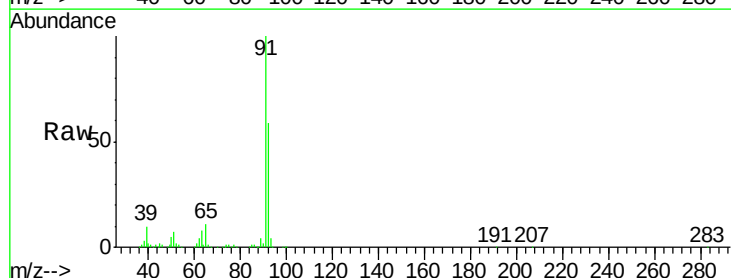
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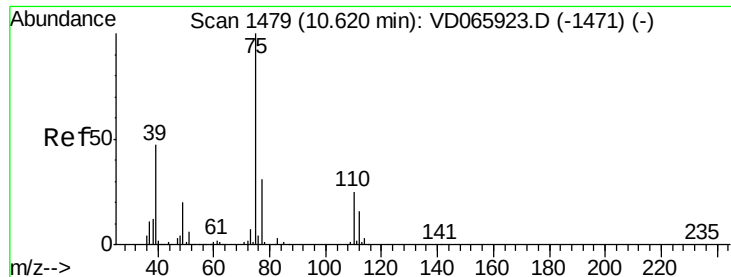
MMDadoda
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#52
Toluene
Concen: 48.056 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	136.0	204.0





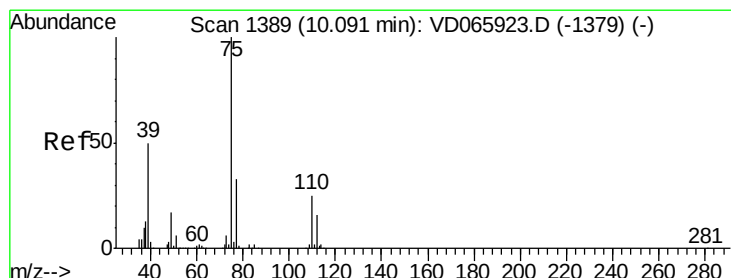
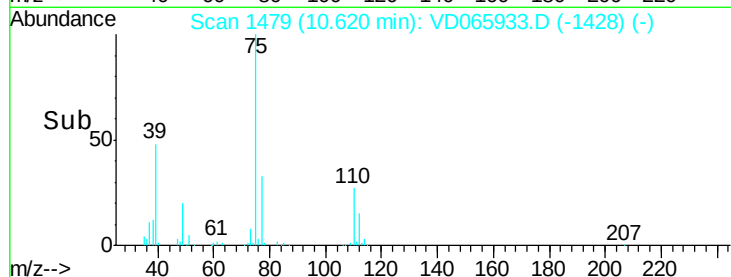
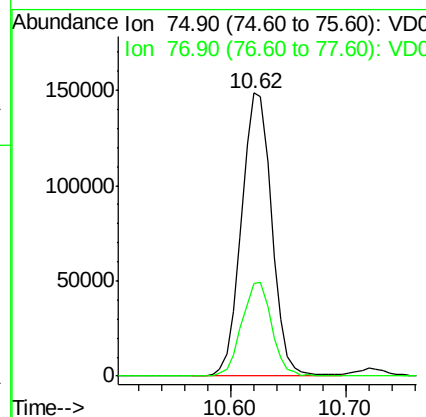
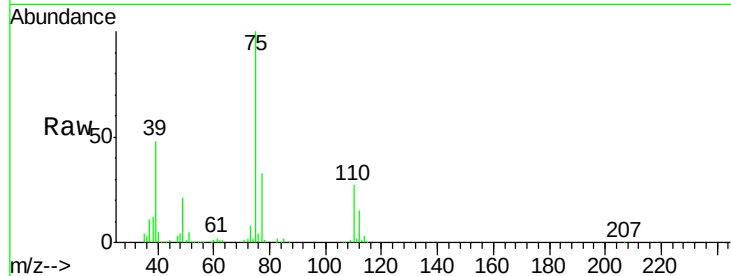
#53
t-1,3-Dichloropropene
Concen: 48.963 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.1	37.7

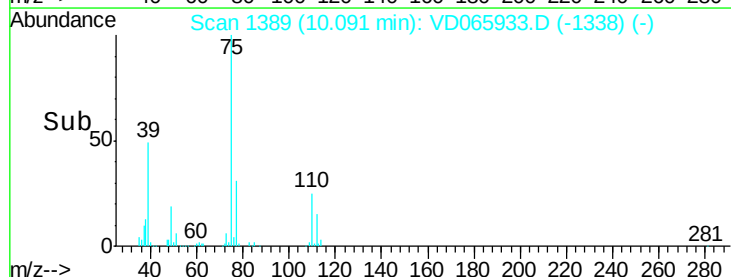
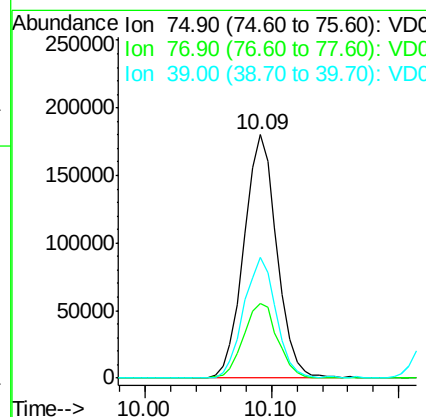
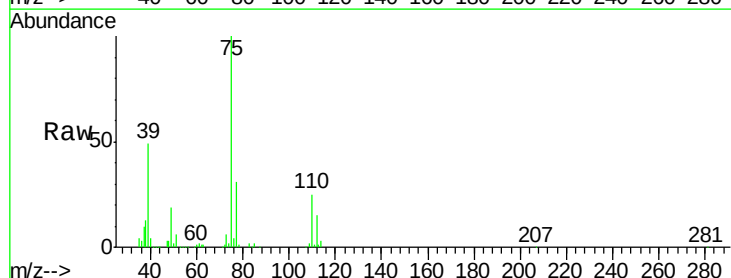
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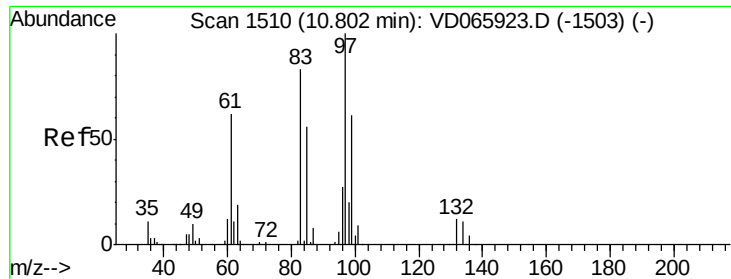
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#54
cis-1,3-Dichloropropene
Concen: 48.512 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.6	39.8
39	49.2	39.6	59.4





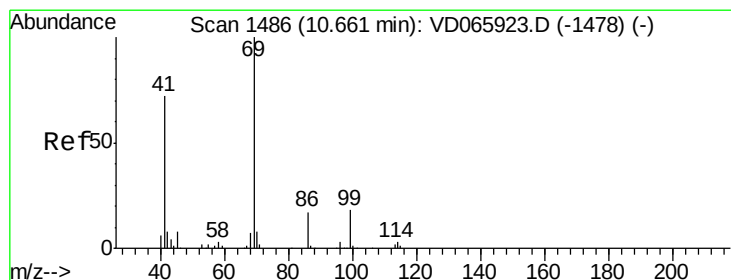
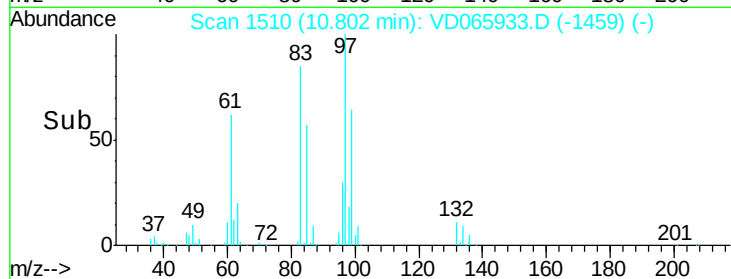
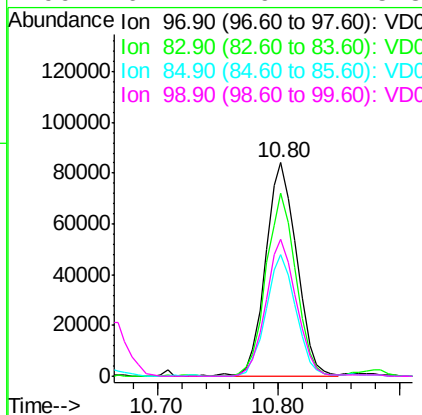
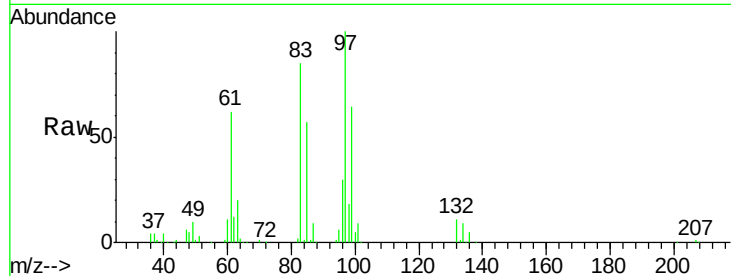
#55
 1,1,2-Trichloroethane
 Concen: 49.732 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150424
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.9	100.3
85	56.7	44.5	66.7
99	64.1	49.2	73.8

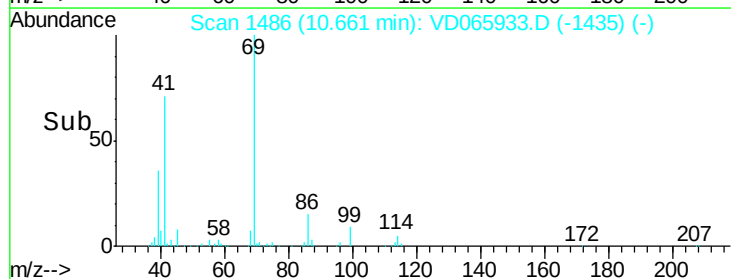
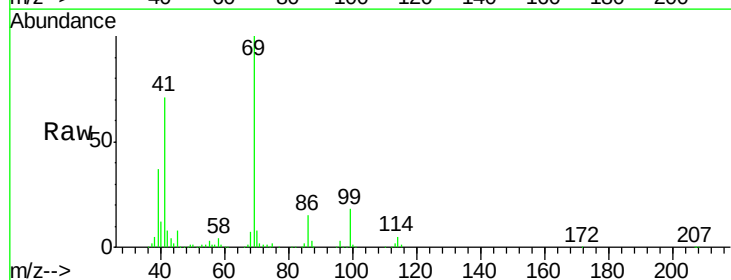
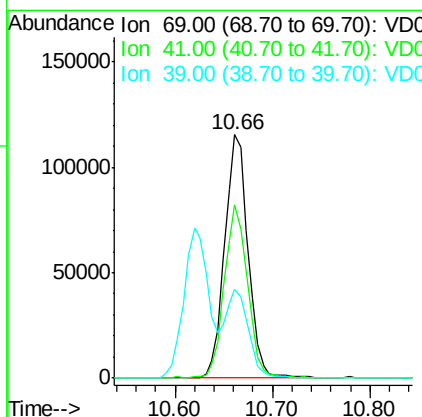
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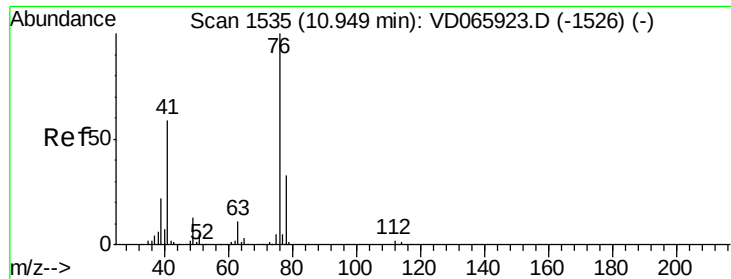
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#56
 Ethyl methacrylate
 Concen: 52.057 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion:	69	Resp:	192317
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.5	84.7
39	36.5	29.2	43.8





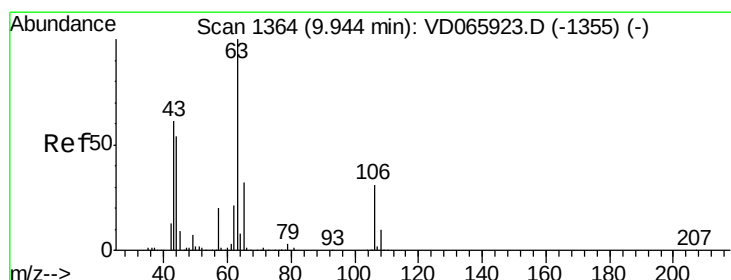
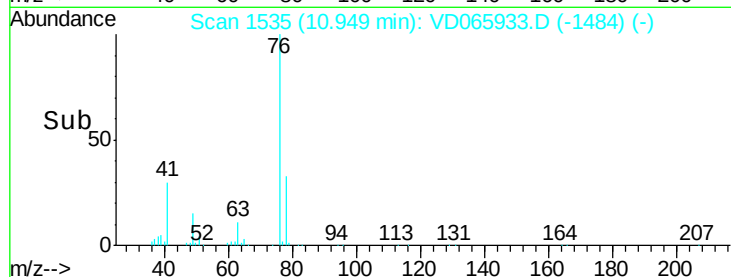
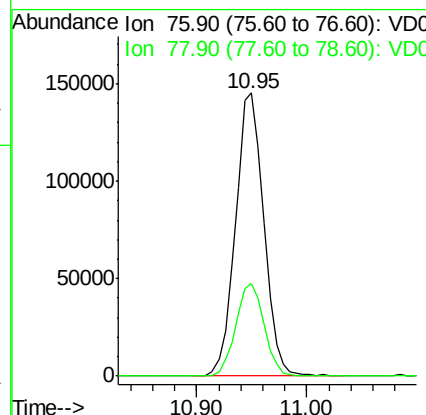
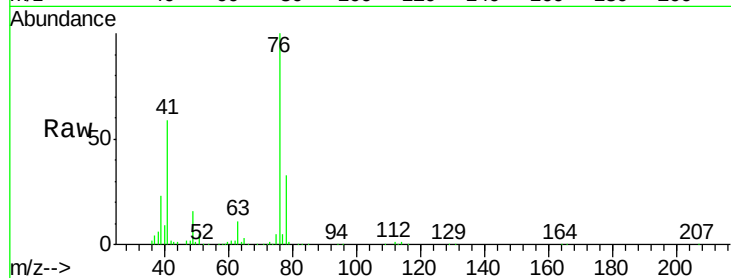
#57
 1,3-Dichloropropane
 Concen: 49.543 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.6

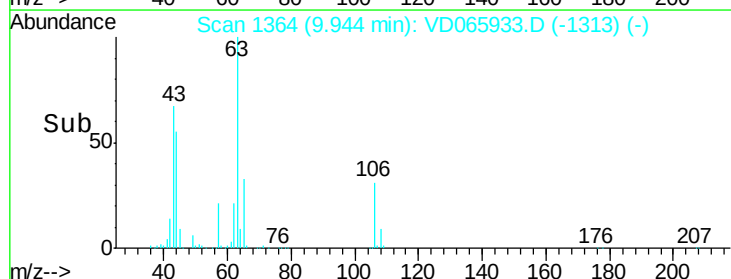
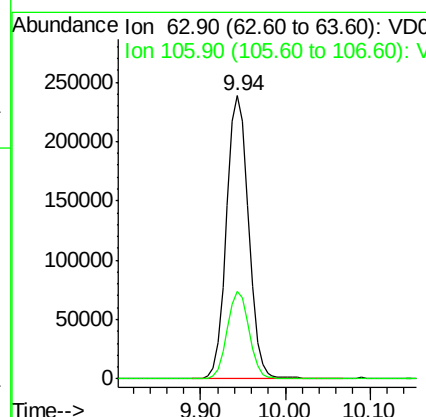
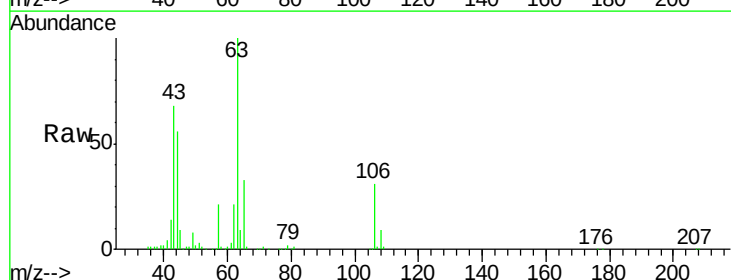
Manual Integrations
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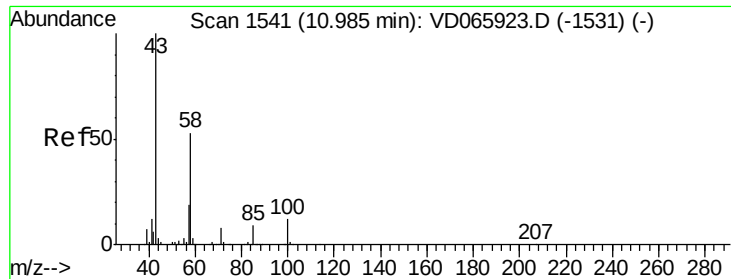
MMDadoda
 7/8/2020 12:05:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.500 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	23.8	35.6





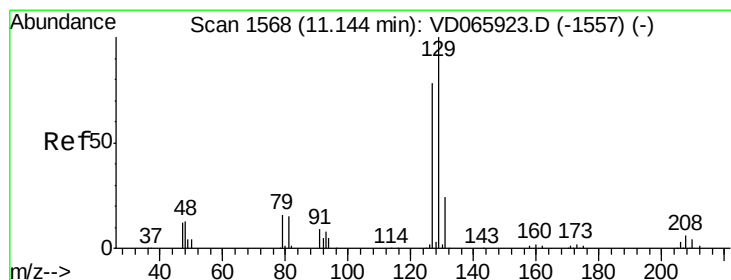
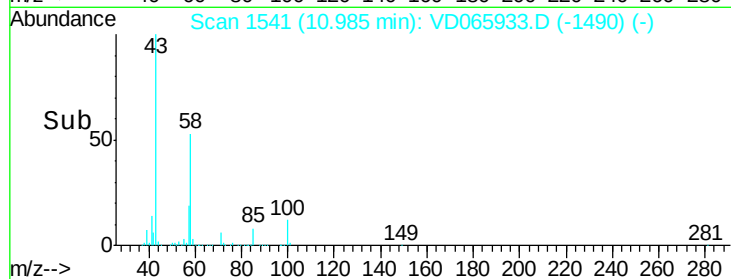
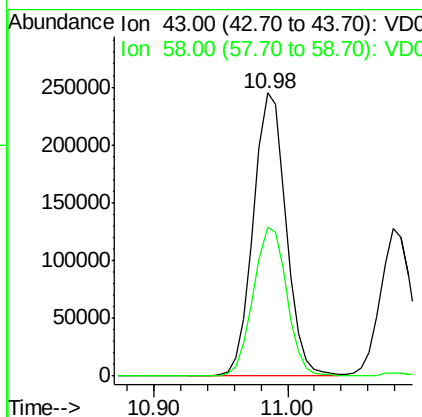
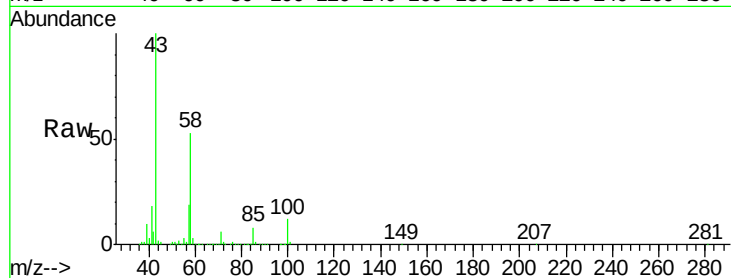
#59
2-Hexanone
Concen: 248.413 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 414261
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.8

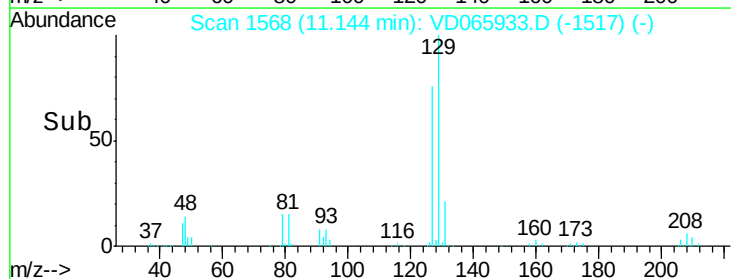
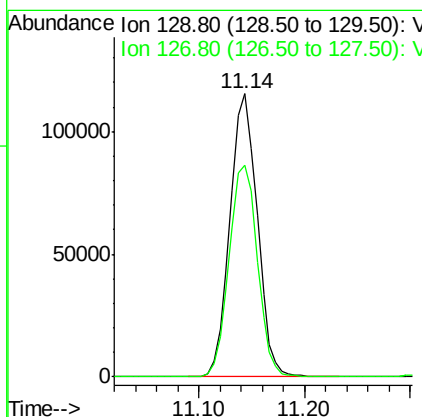
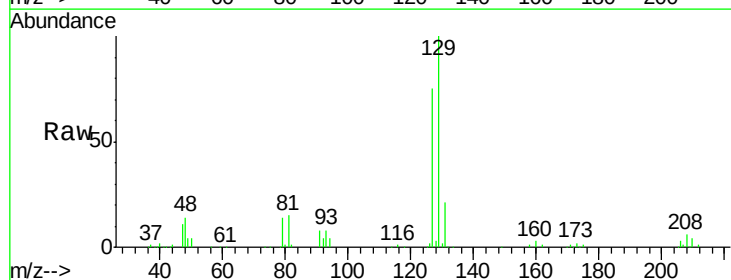
Manual Integrations
APPROVED

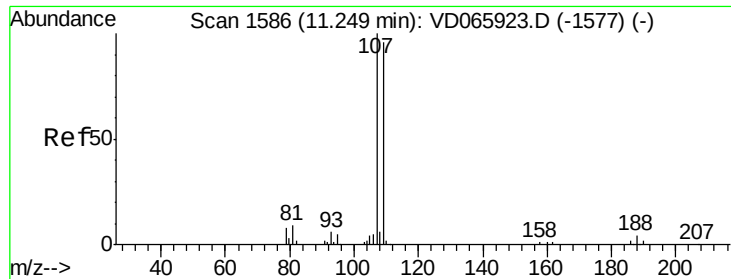
MMDadoda
7/8/2020 12:05:16 PM



#60
Dibromochloromethane
Concen: 49.955 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion:129 Resp: 206440
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





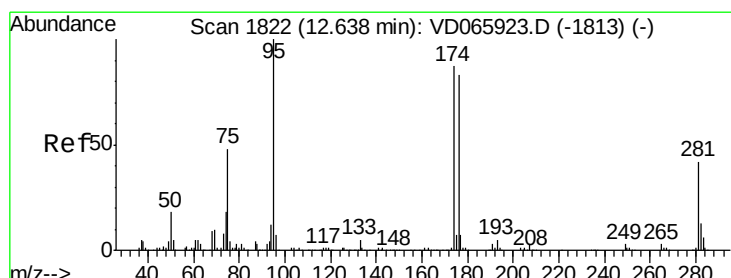
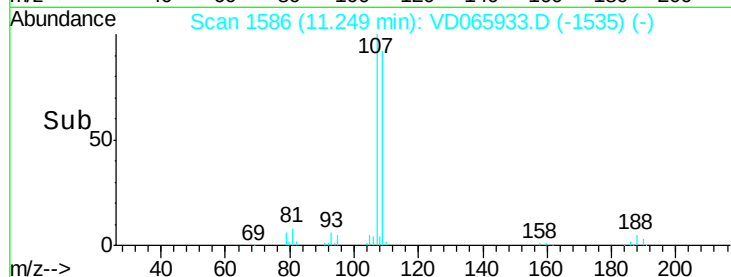
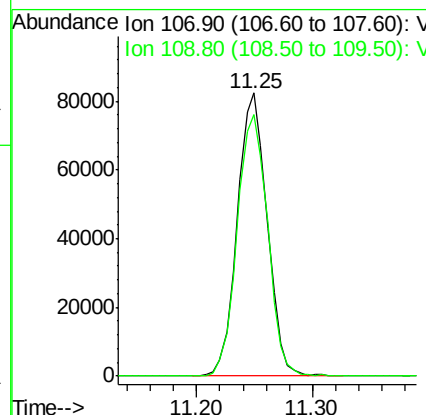
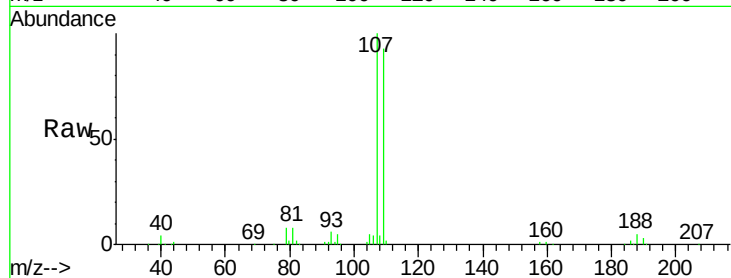
#61
 1,2-Dibromoethane
 Concen: 48.711 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.4	113.0

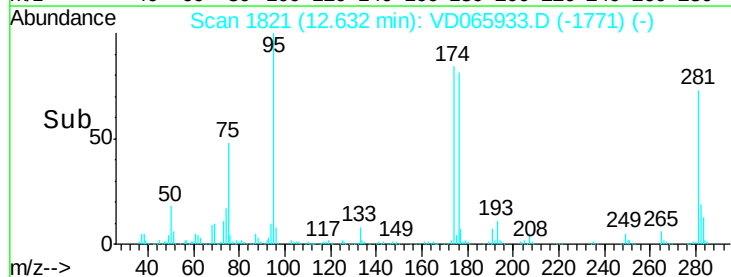
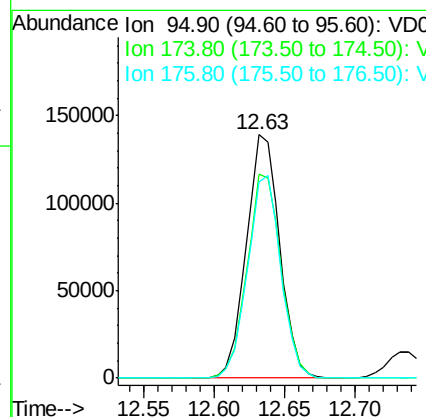
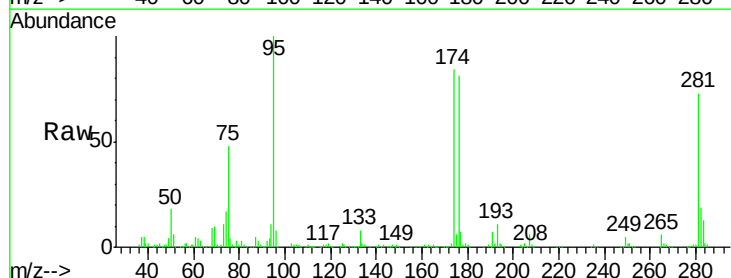
Manual Integrations
 APPROVED

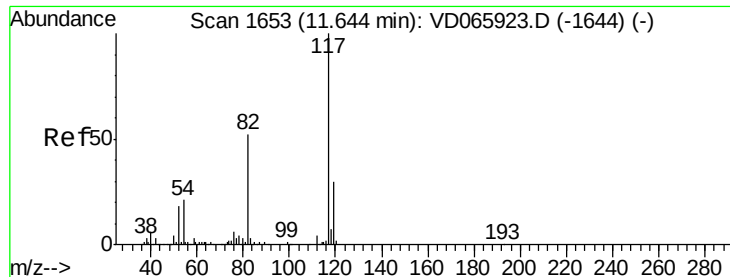
MMDadoda
 7/8/2020 12:05:16 PM



#62
 4-Bromofluorobenzene
 Concen: 47.935 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	169.4
176	83.1	0.0	164.0





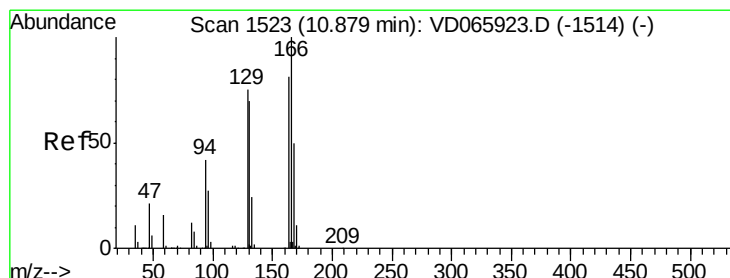
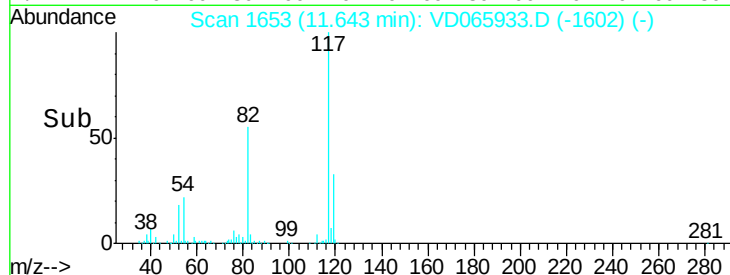
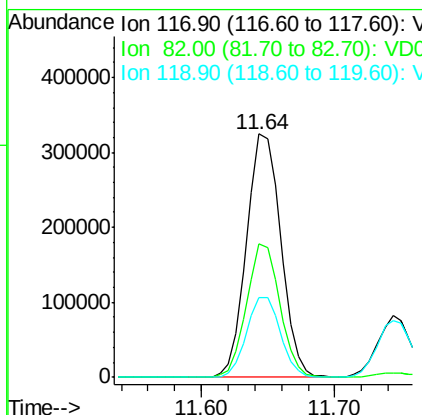
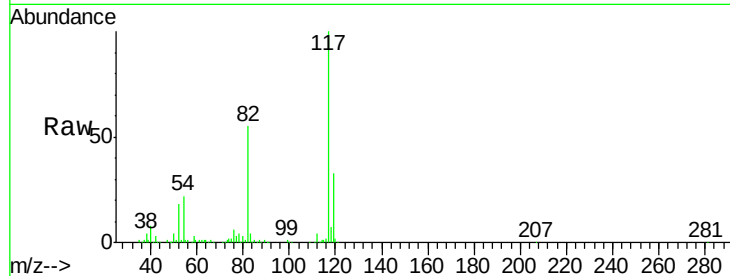
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.8	62.8
119	32.7	24.3	36.5

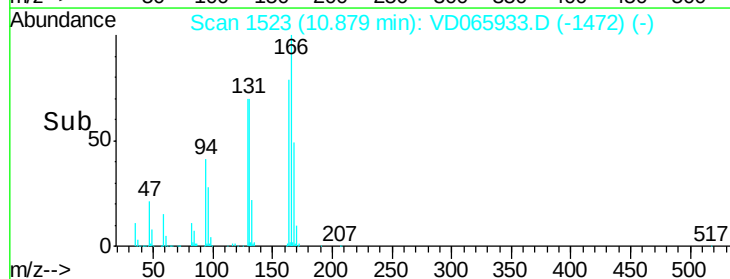
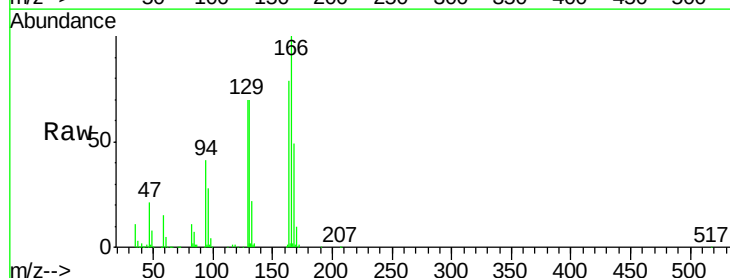
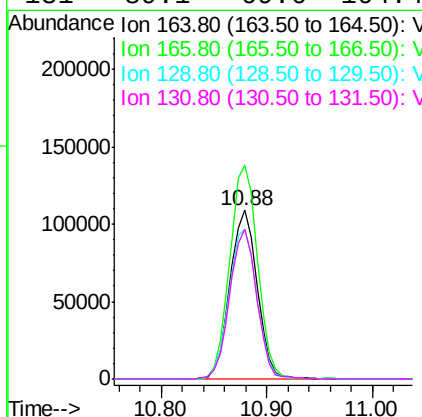
Manual Integrations
APPROVED

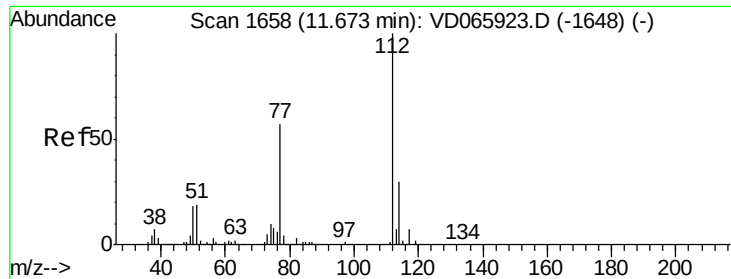
MMDadoda
7/8/2020 12:05:16 PM



#64
Tetrachloroethene
Concen: 46.239 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.0	148.4
129	88.5	73.9	110.9
131	89.1	69.6	104.4





#65

Chlorobenzene

Concen: 48.551 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 564585

Ion Ratio Lower Upper

112 100

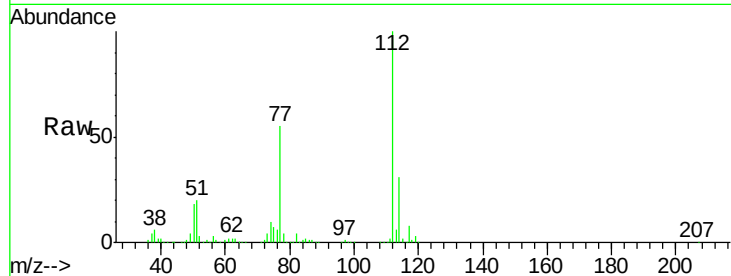
114 31.4 24.2 36.4

Manual Integrations

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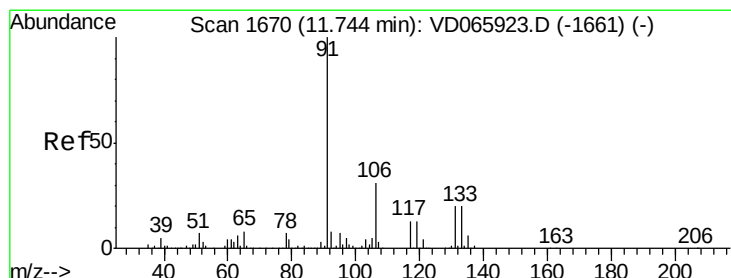
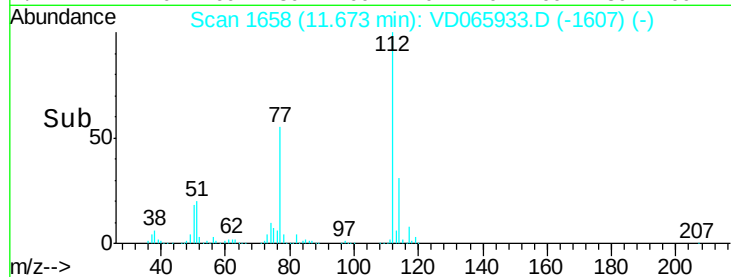
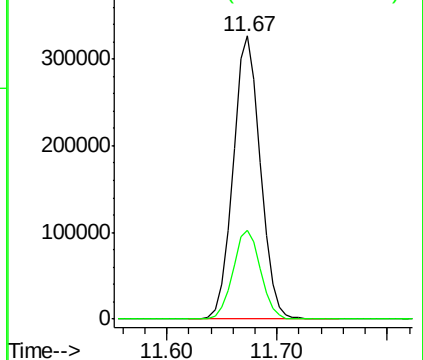
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.532 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

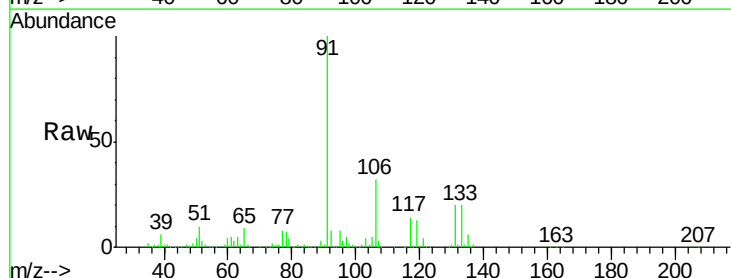
Tgt Ion:131 Resp: 211088

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

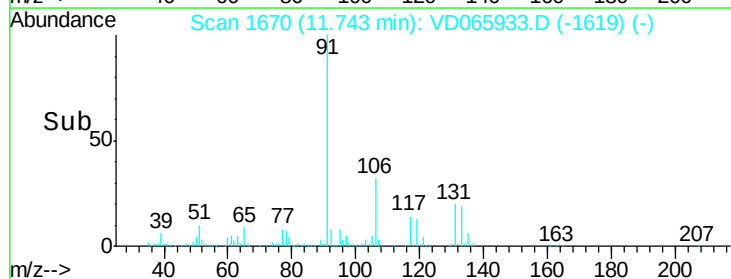
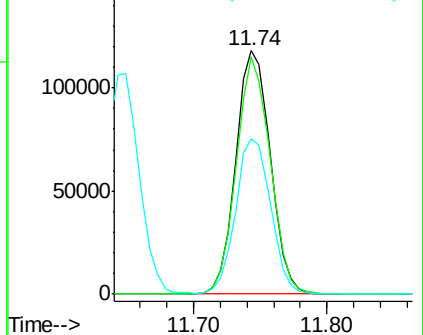
119 64.7 31.9 95.9

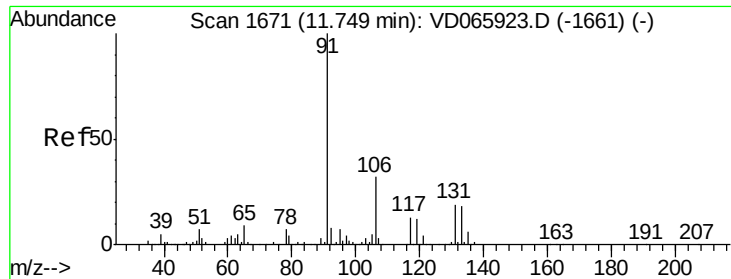


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





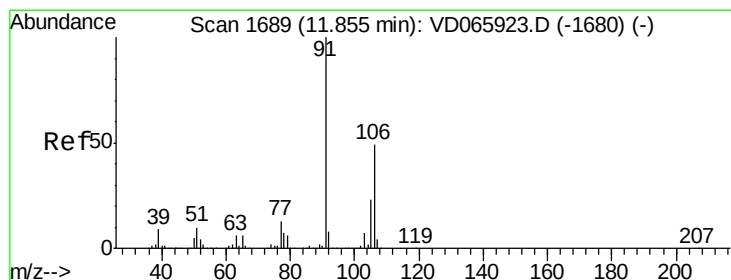
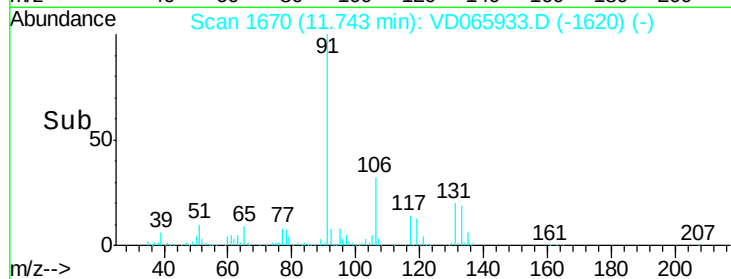
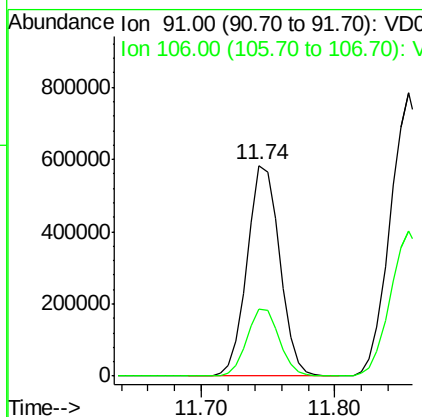
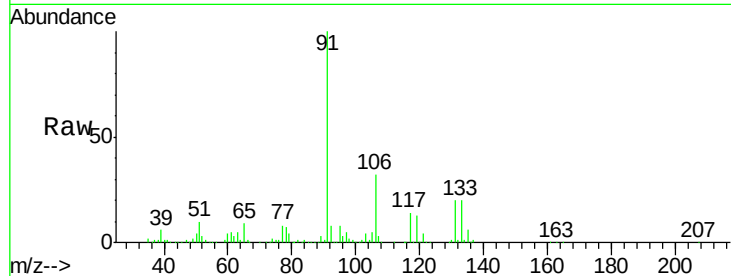
#67
Ethyl Benzene
Concen: 47.441 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 980064
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8

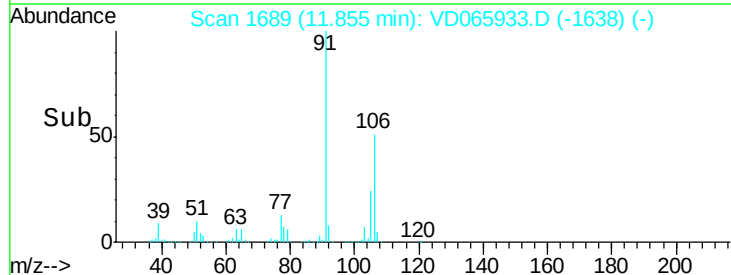
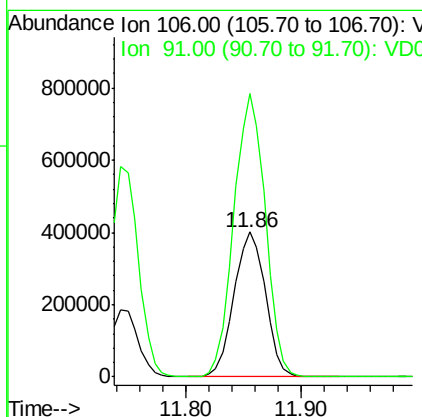
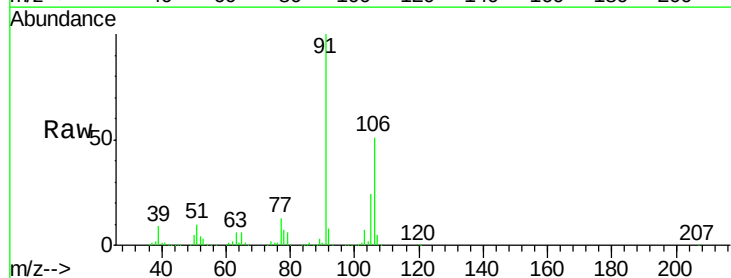
Manual Integrations
APPROVED

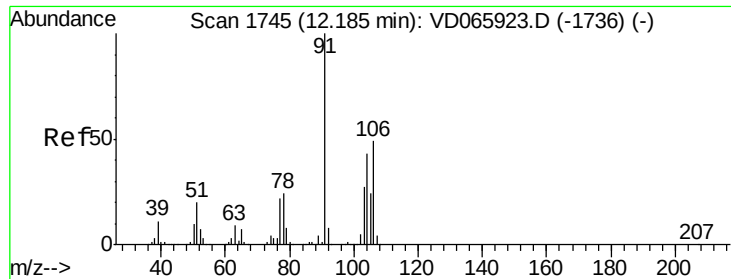
MMDadoda
7/8/2020 12:05:16 PM



#68
m/p-Xylenes
Concen: 96.398 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 106 Resp: 756609
Ion Ratio Lower Upper
106 100
91 195.8 158.2 237.2





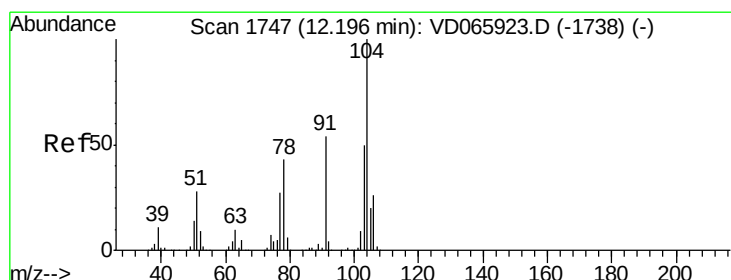
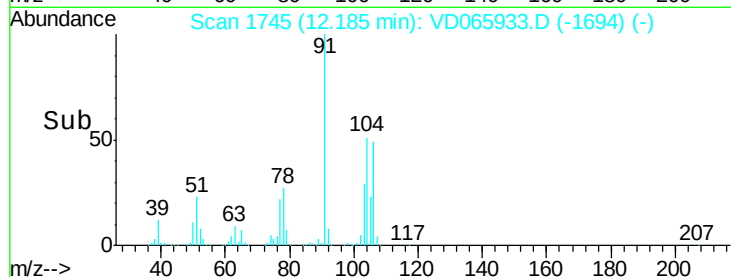
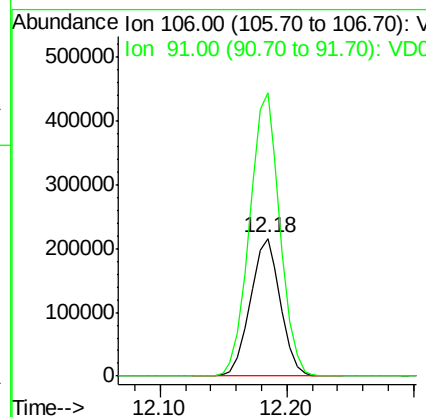
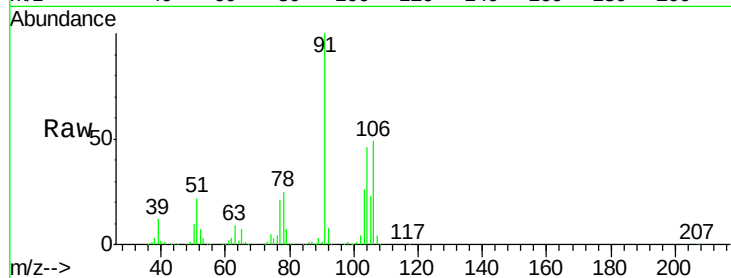
#69
o-Xylene
Concen: 49.514 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		354015		
91	207.4	104.1	312.2		

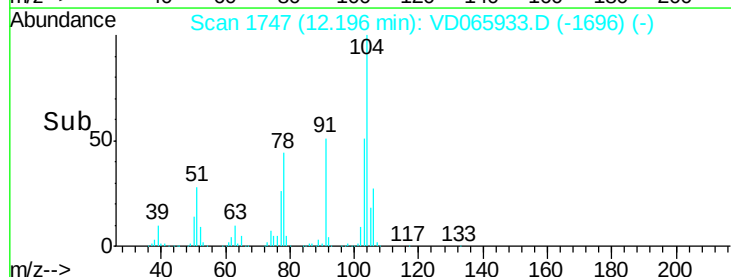
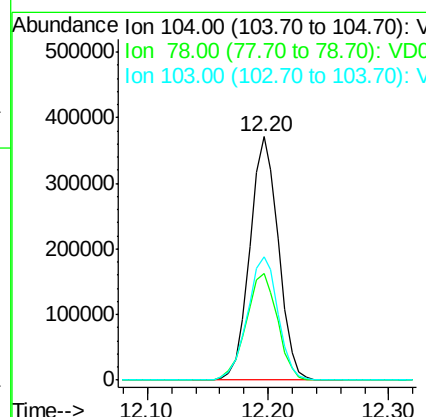
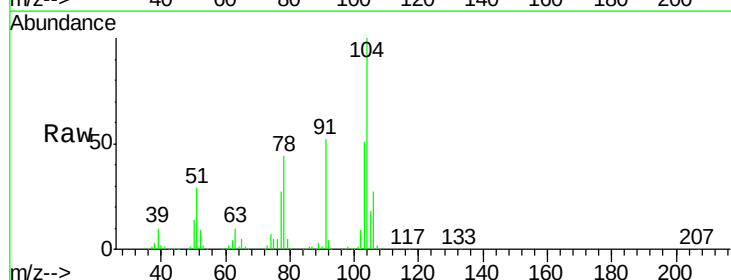
Manual Integrations
APPROVED

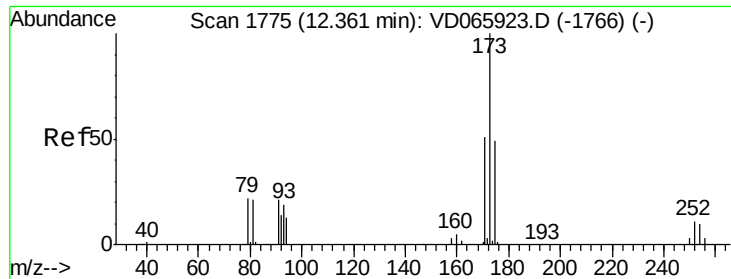
MMDadoda
7/8/2020 12:05:16 PM



#70
Styrene
Concen: 49.550 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		611566		
78	48.2	38.8	58.2		
103	54.4	43.6	65.4		





#71

Bromoform

Concen: 48.584 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 119571

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

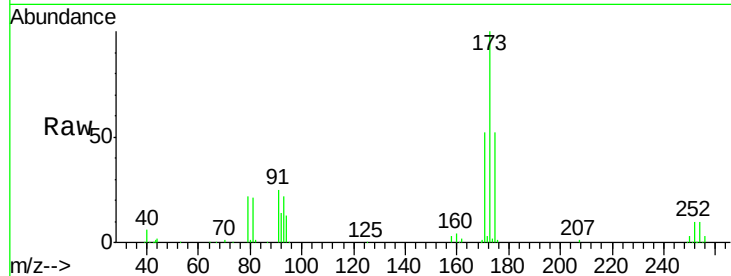
254 0.0 0.0 0.0#

Manual Integrations

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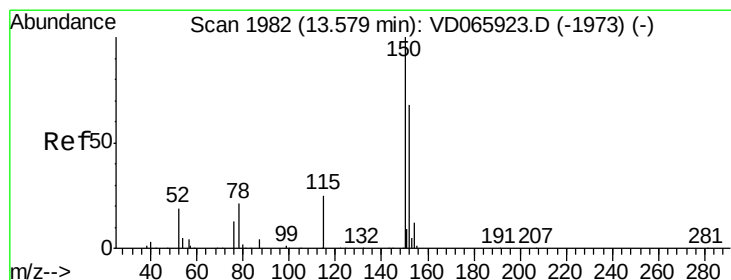
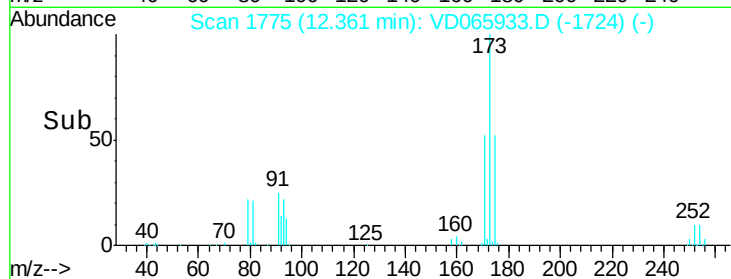
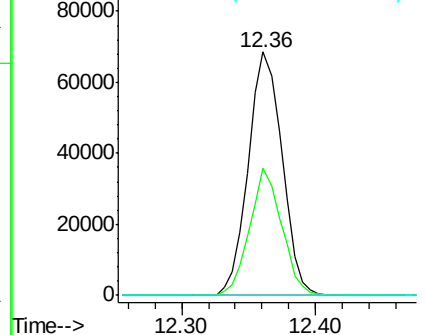
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD065933.D

Acq: 07 Jul 2020 20:53

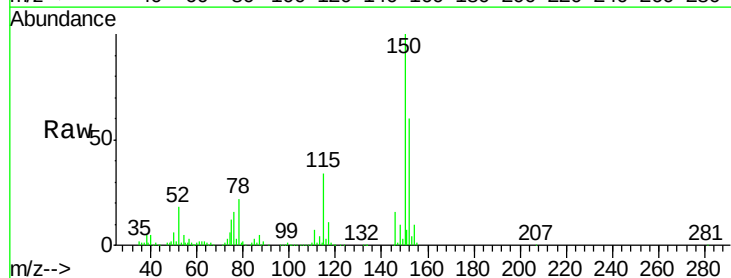
Tgt Ion:152 Resp: 277482

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

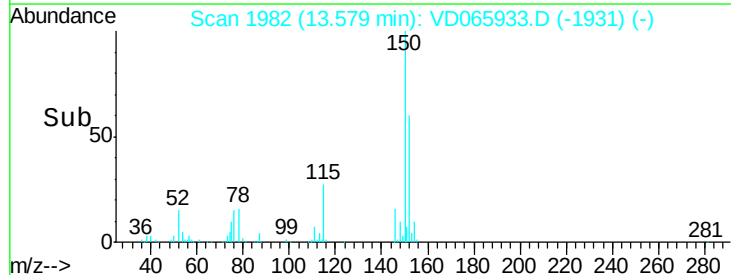
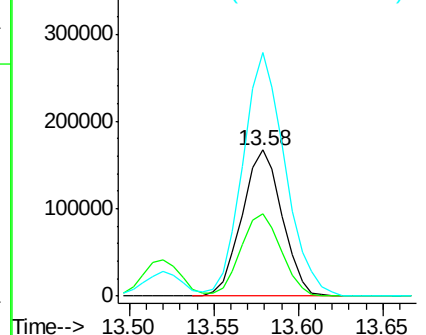
150 175.4 0.0 347.2

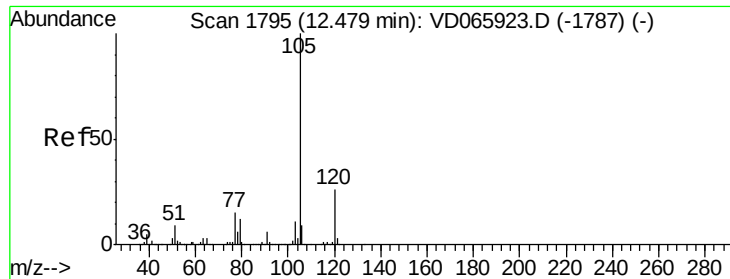


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.585 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 940889

Ion Ratio Lower Upper

105 100

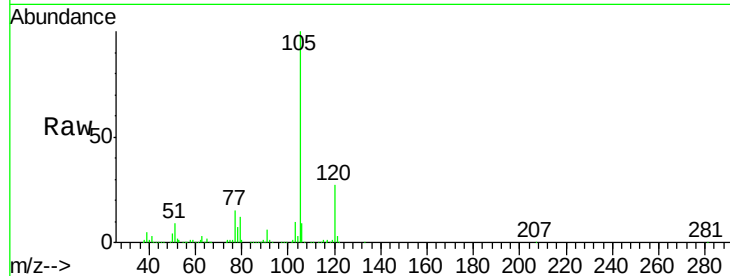
120 27.2 13.3 39.8

Manual Integrations

APPROVED

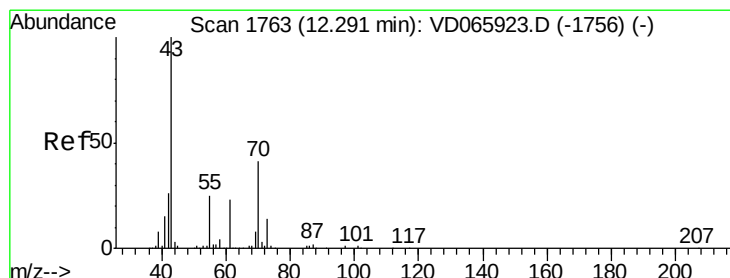
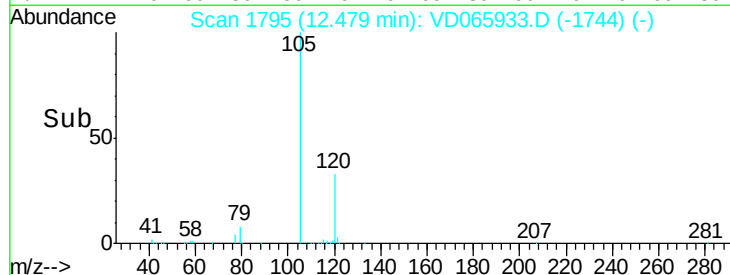
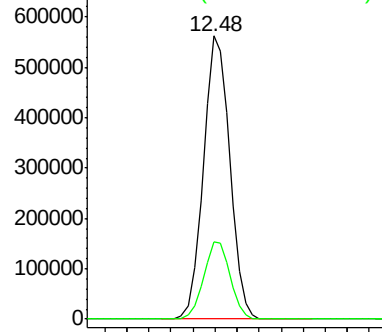
MMDadoda

7/8/2020 12:05:16 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.420 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion: 43 Resp: 223450

Ion Ratio Lower Upper

43 100

70 40.8 33.6 50.4

55 24.3 20.1 30.1

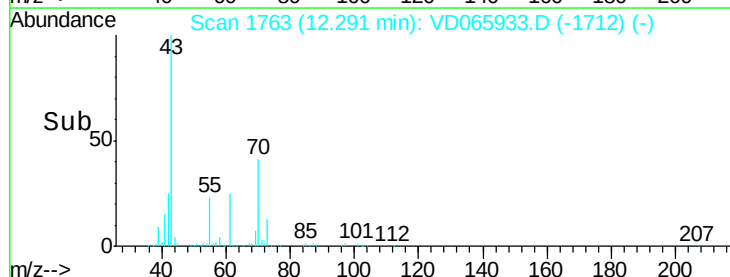
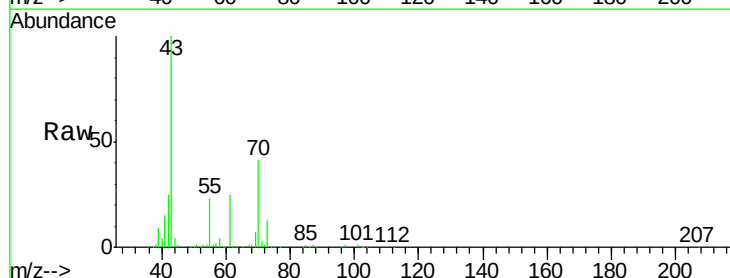
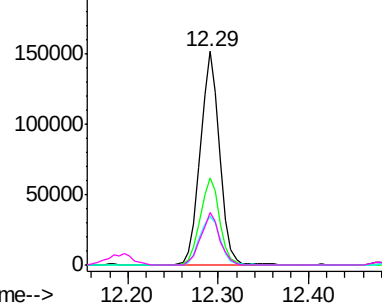
61 23.8 18.9 28.3

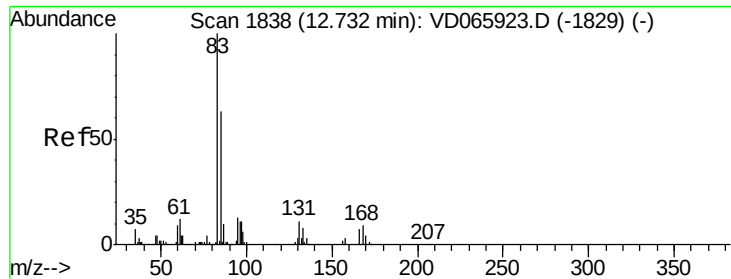
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.023 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

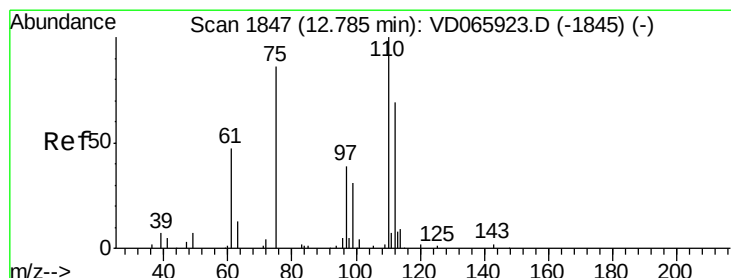
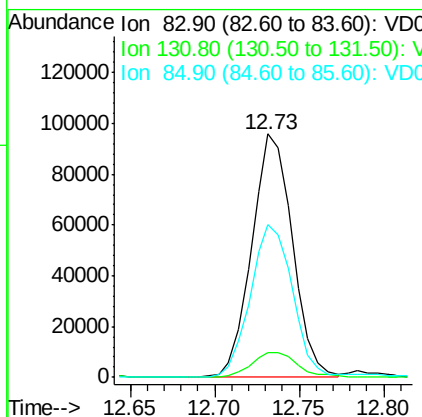
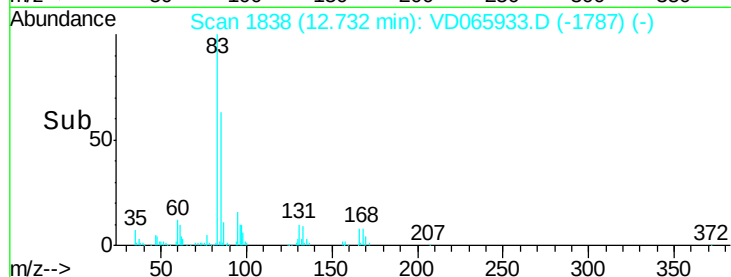
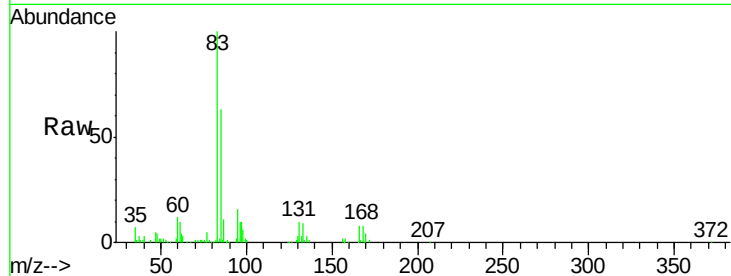
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160828
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.6	16.8
85	64.5	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 47.561 ug/l m

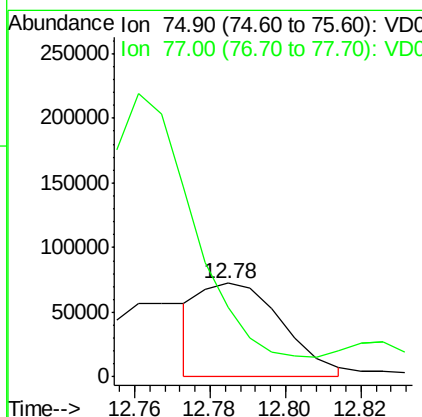
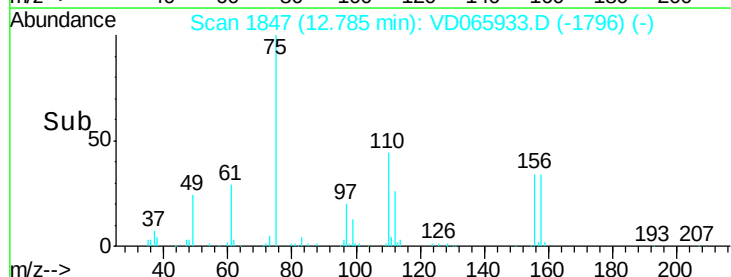
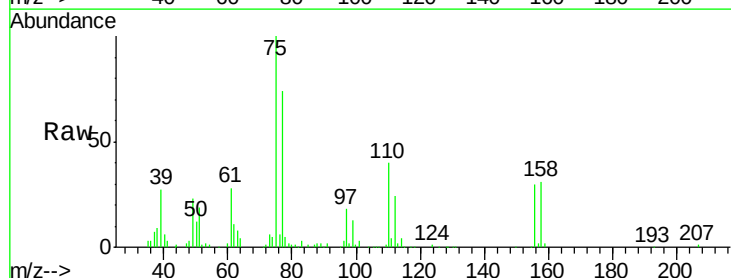
RT: 12.78 min Scan# 1847

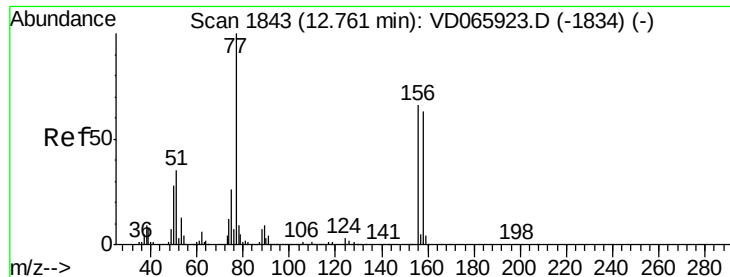
Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	75	Resp:	110707
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.958 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

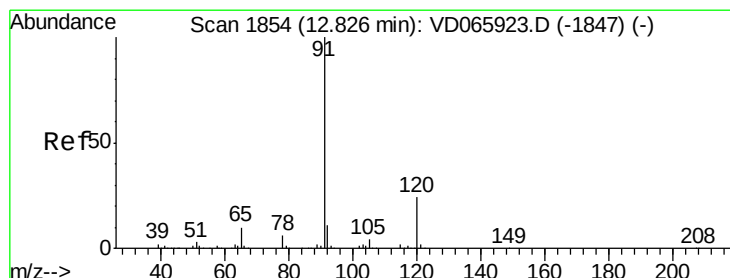
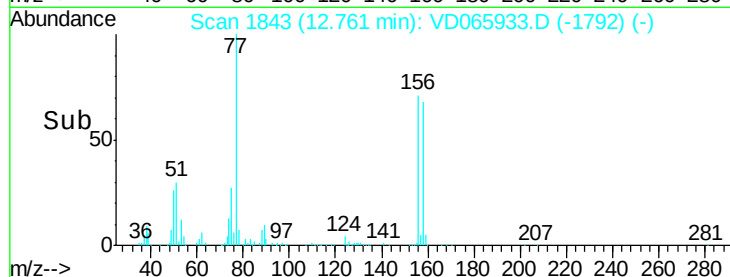
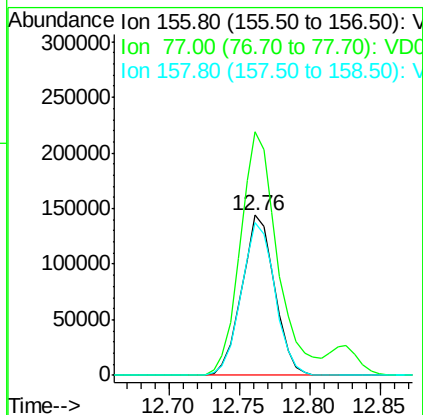
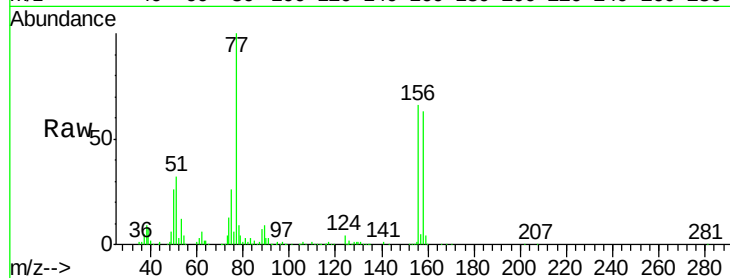
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	234651
Ion Ratio	Lower	Upper	
156	100		
77	172.2	85.0	255.0
158	97.5	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 48.184 ug/l

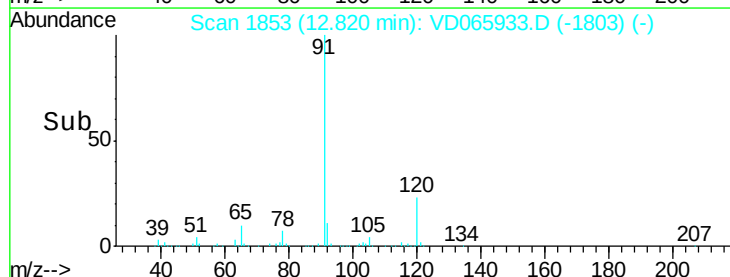
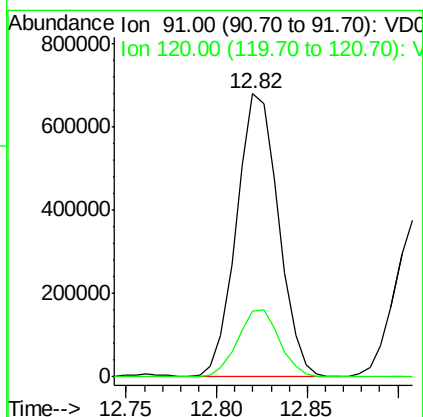
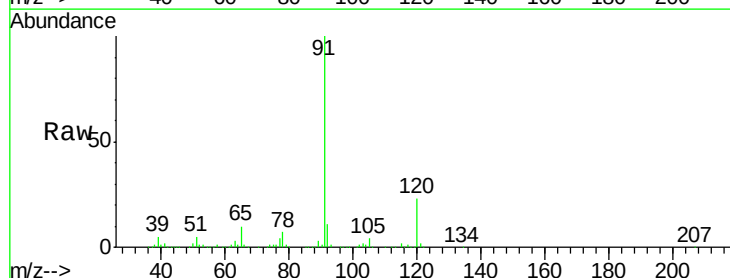
RT: 12.82 min Scan# 1853

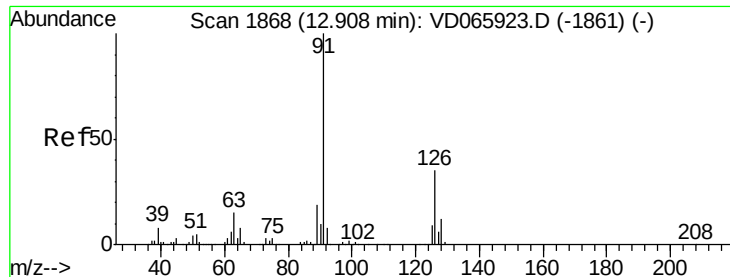
Delta R.T. -0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	91	Resp:	1093991
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





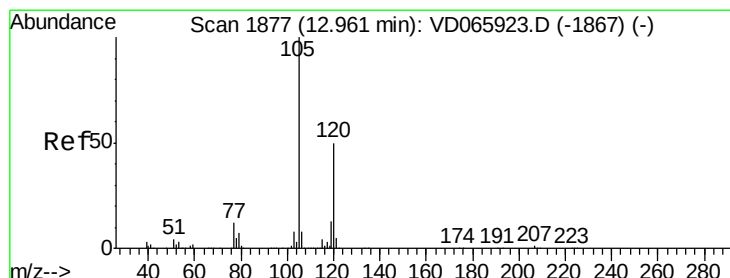
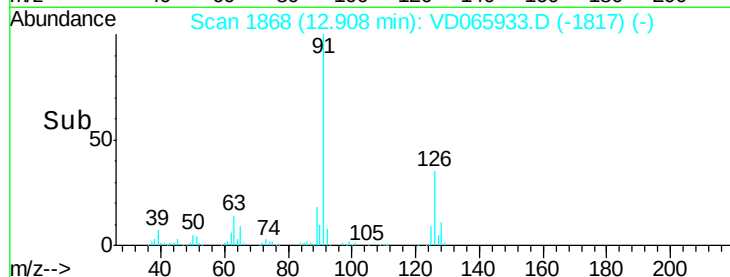
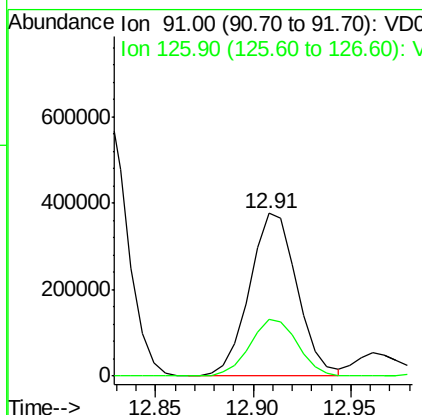
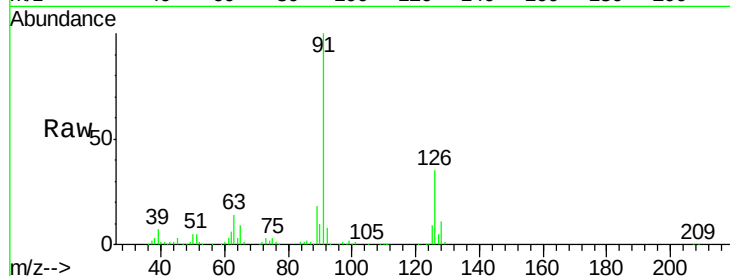
#79
2-Chlorotoluene
Concen: 49.270 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 634616
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8

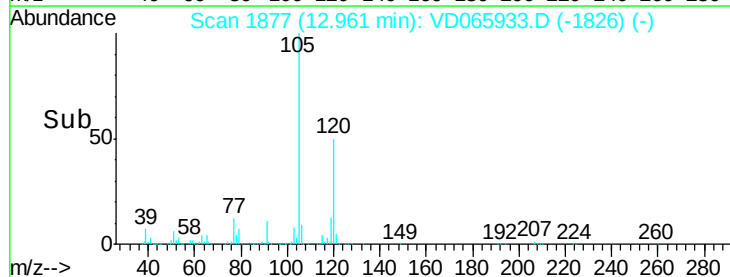
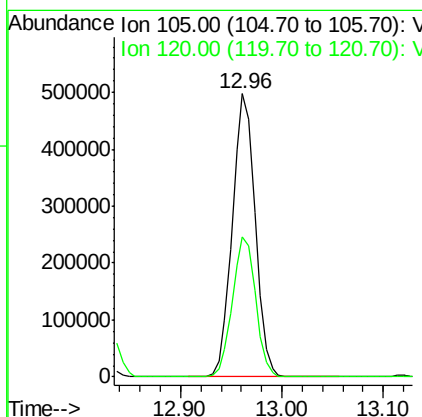
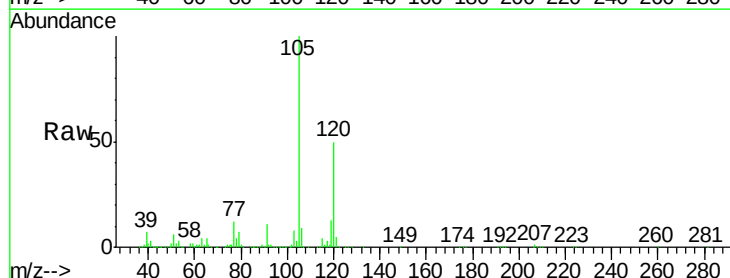
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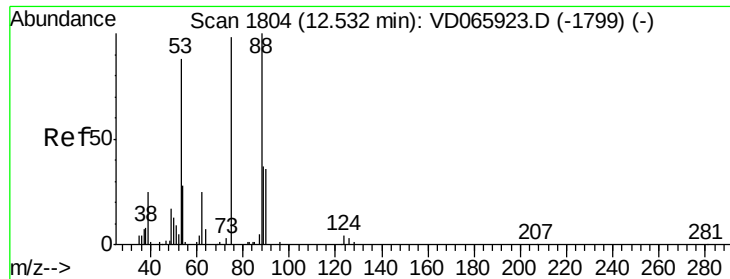
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#80
1,3,5-Trimethylbenzene
Concen: 49.239 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 105 Resp: 779935
Ion Ratio Lower Upper
105 100
120 50.3 25.2 75.6





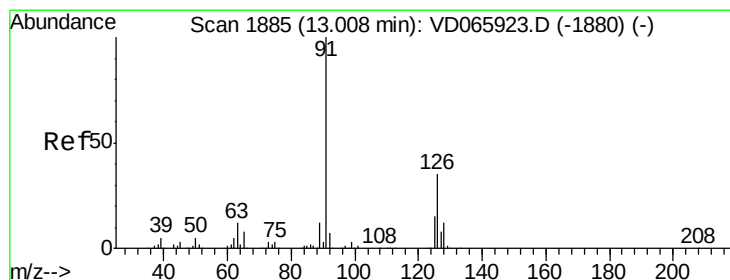
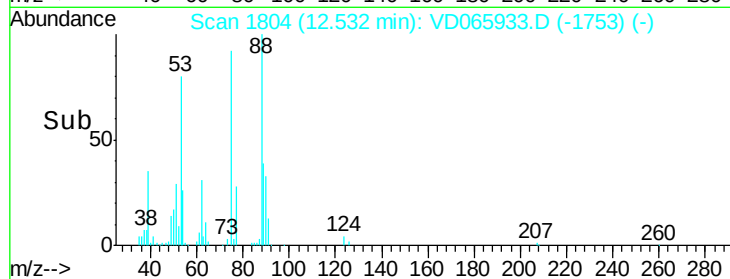
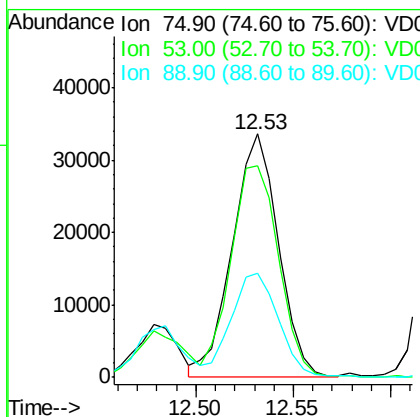
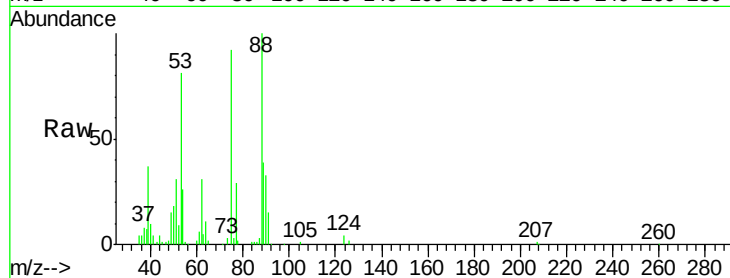
#81
trans-1,4-Dichloro-2-butene
Concen: 50.793 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	75.8	113.8
89	44.4	37.5	56.3

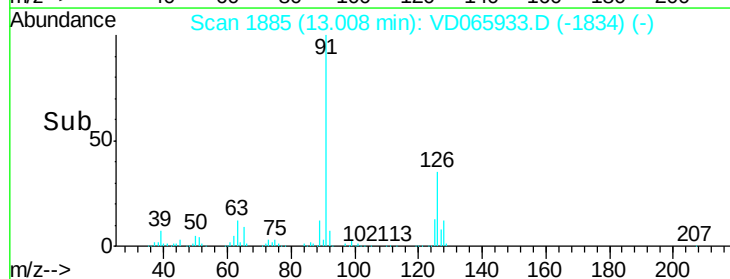
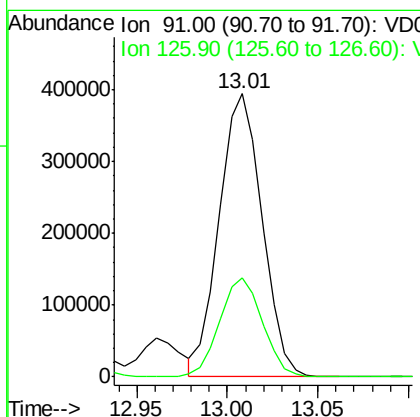
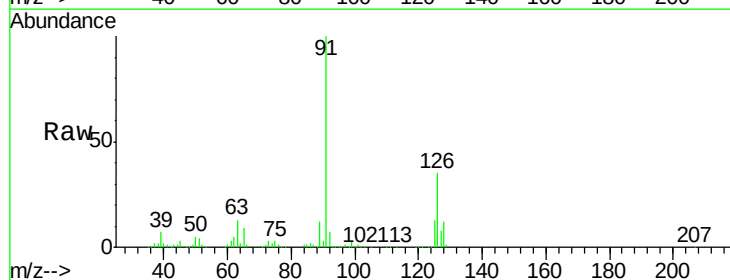
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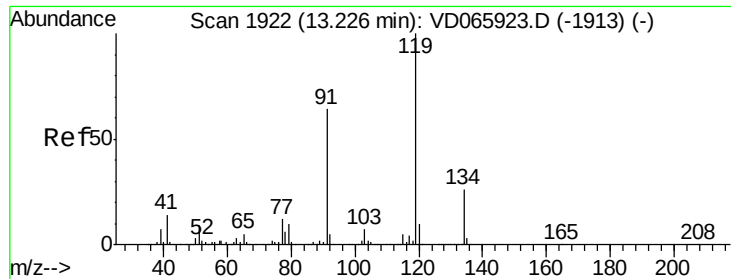
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#82
4-Chlorotoluene
Concen: 47.892 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.7





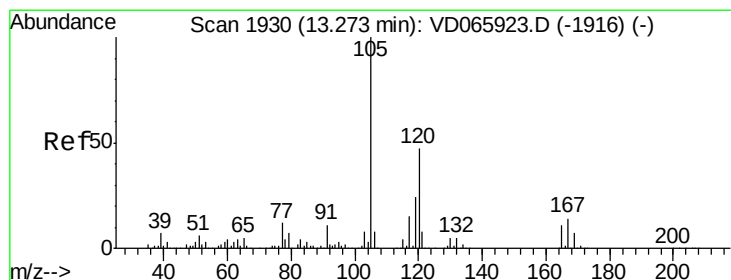
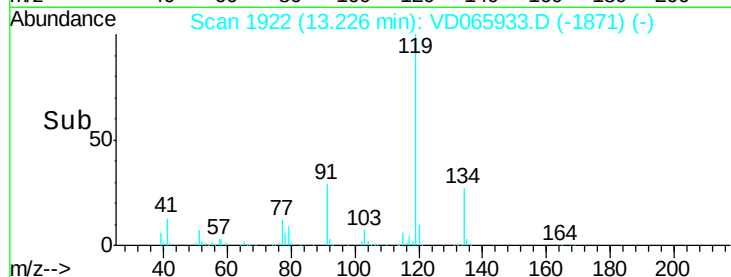
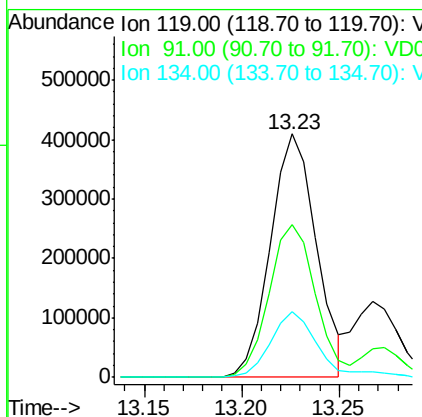
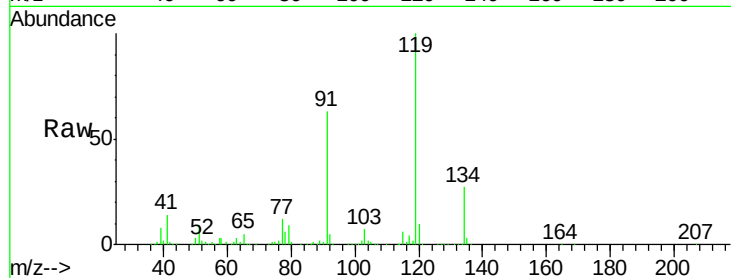
#83
 tert-Butylbenzene
 Concen: 49.385 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.4	97.2
134	28.2	14.1	42.4

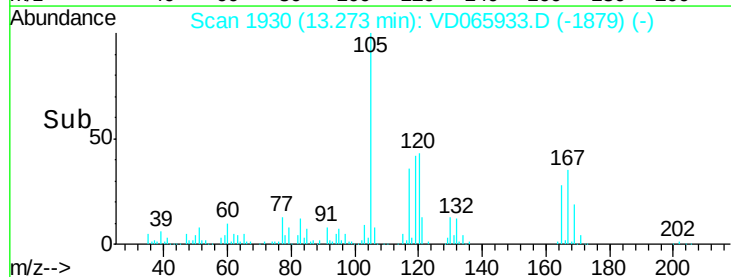
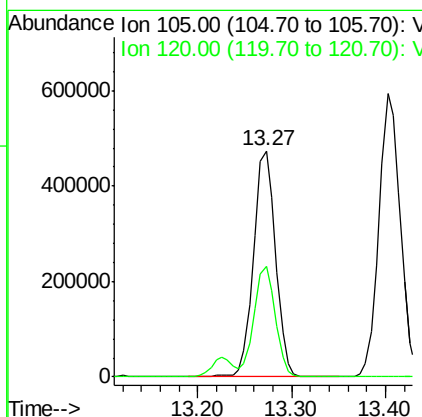
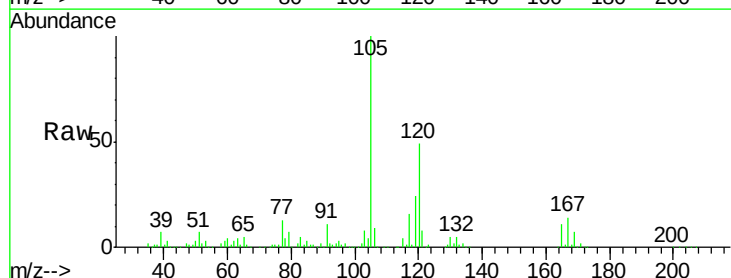
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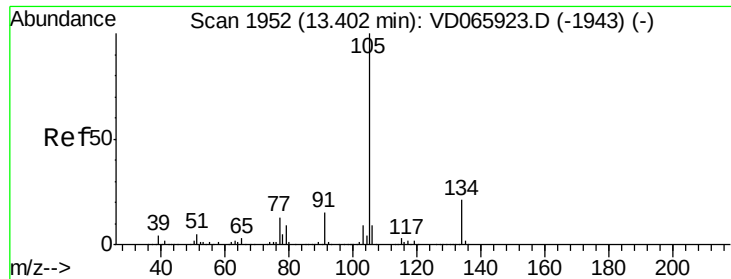
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.838 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.2	69.5





#85

sec-Butylbenzene

Concen: 48.680 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 931003

Ion Ratio Lower Upper

105 100

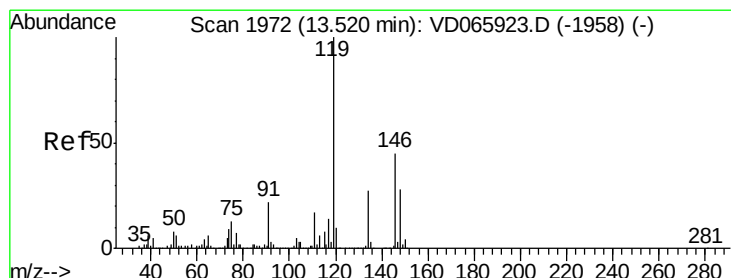
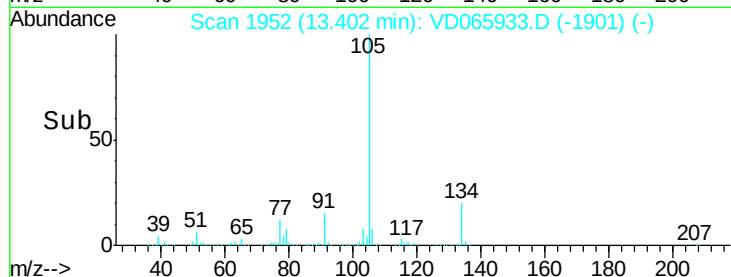
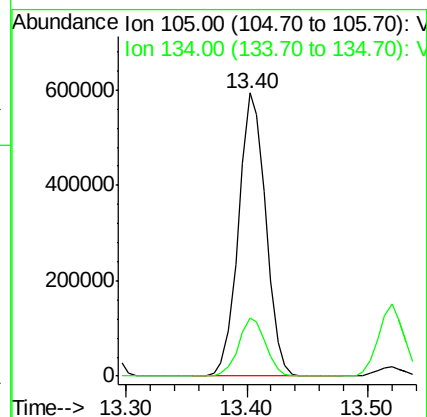
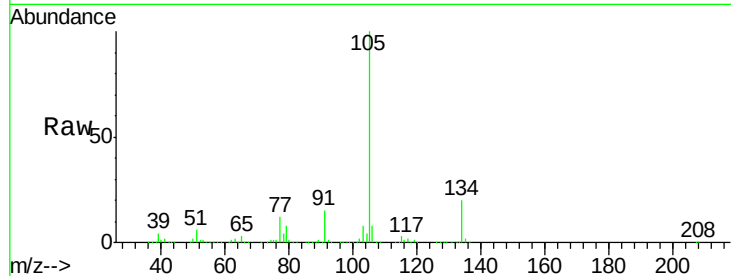
134 20.4 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.758 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

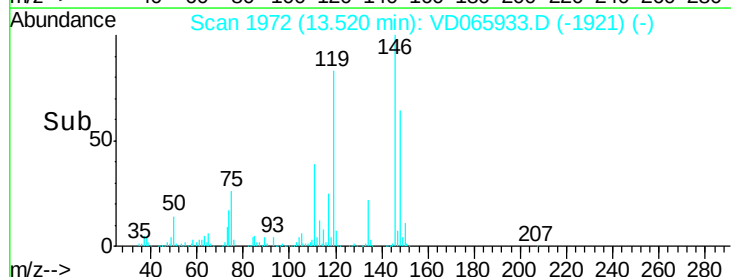
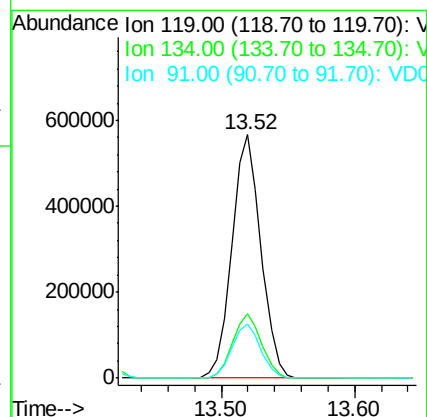
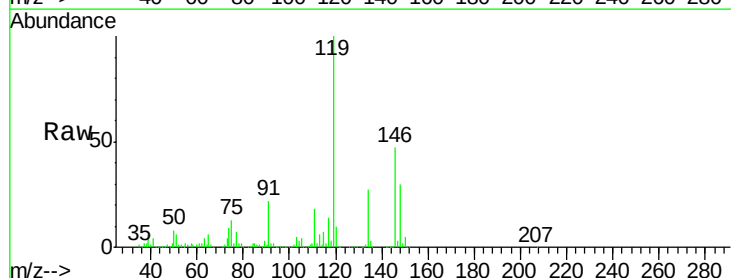
Tgt Ion:119 Resp: 852910

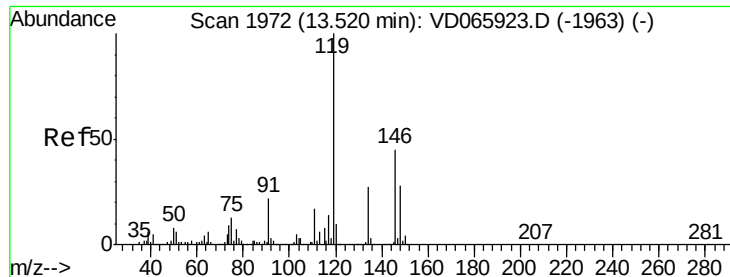
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.2 11.3 33.8





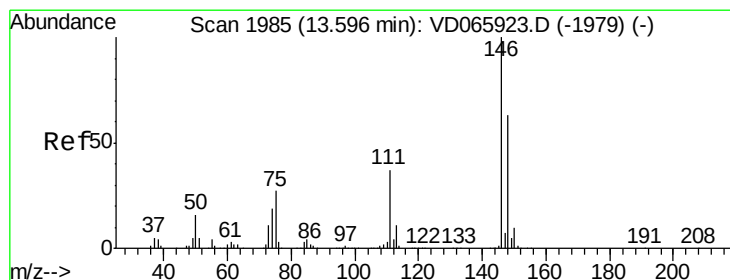
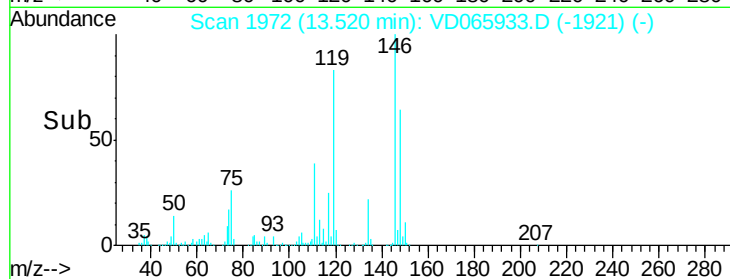
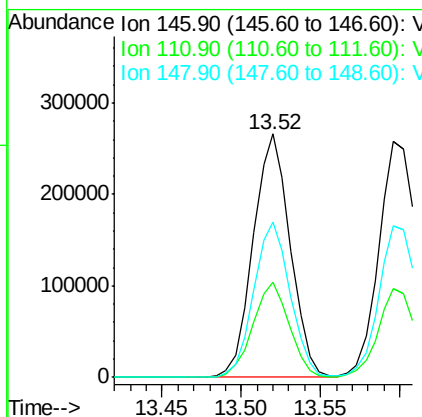
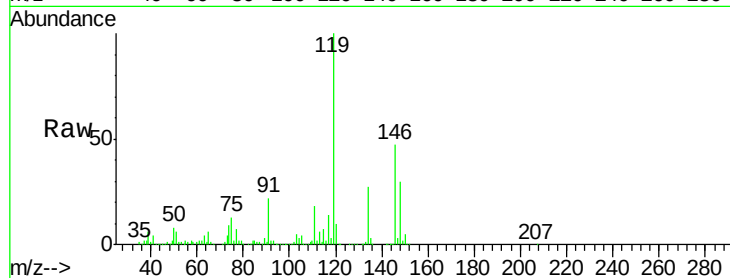
#87
 1,3-Dichlorobenzene
 Concen: 49.141 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	62.9	32.0	96.0

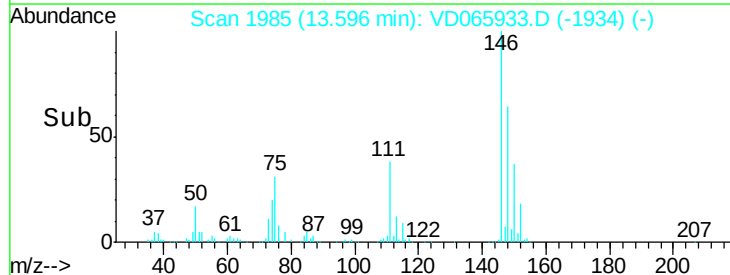
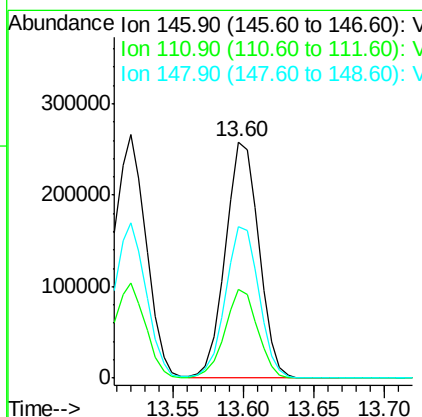
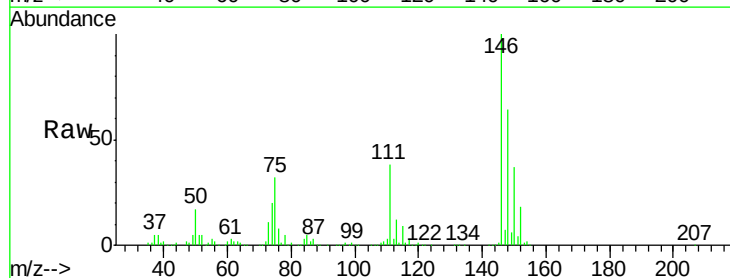
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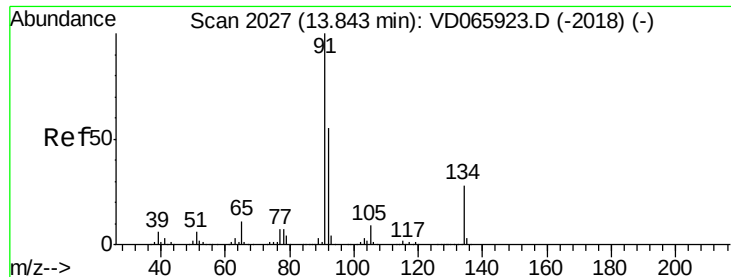
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#88
 1,4-Dichlorobenzene
 Concen: 48.653 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.7
148	64.3	32.1	96.3





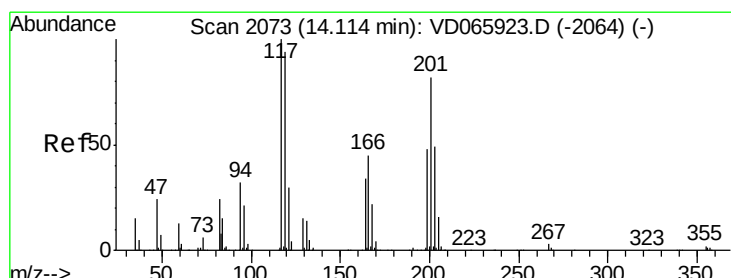
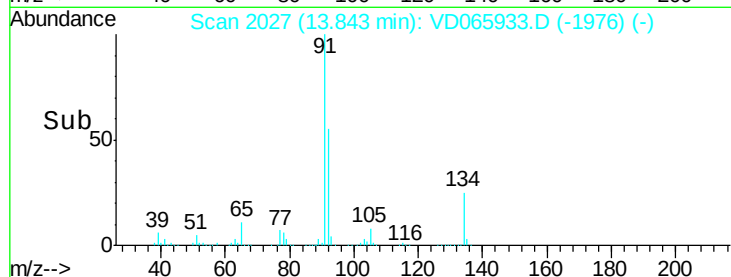
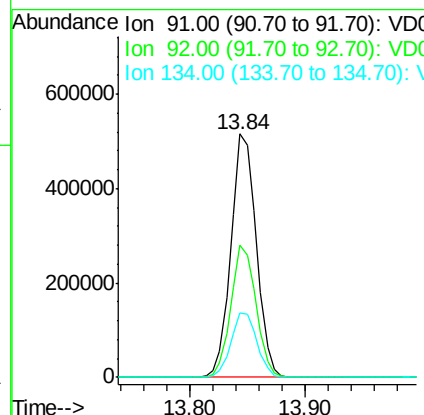
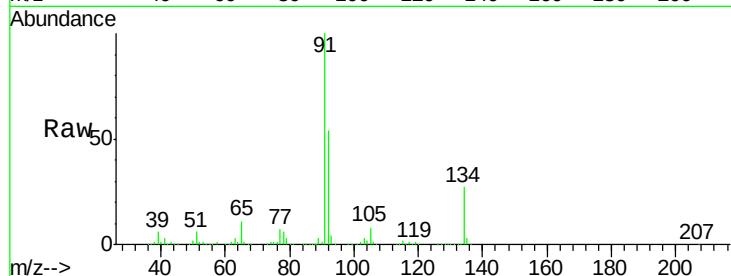
#89
n-Butylbenzene
Concen: 47.641 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		782587		
92	53.8	27.2		81.6	
134	27.3	13.8		41.3	

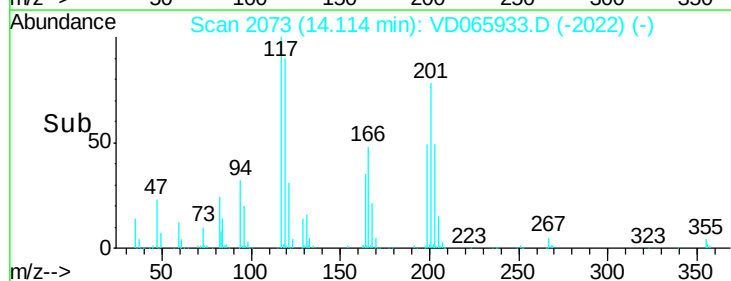
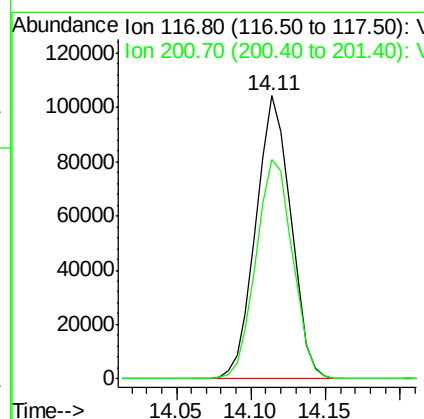
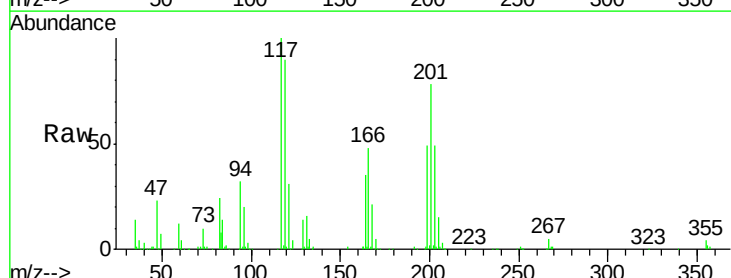
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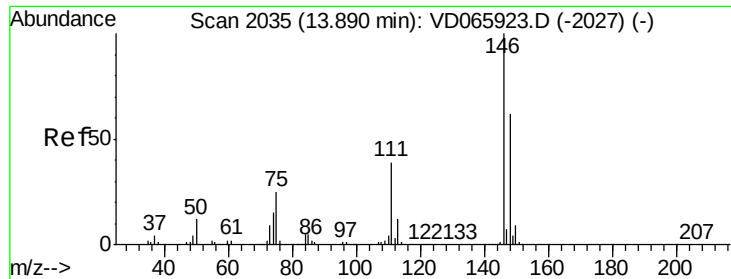
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#90
Hexachloroethane
Concen: 48.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		169715		
201	80.8	40.0		120.0	





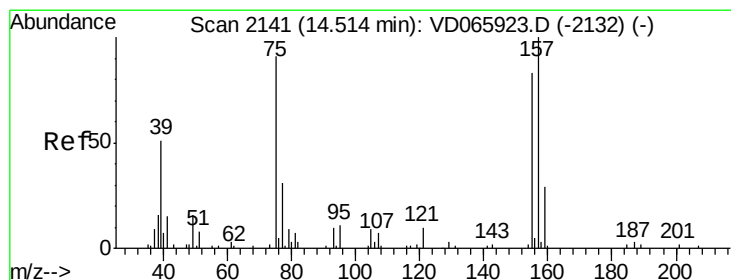
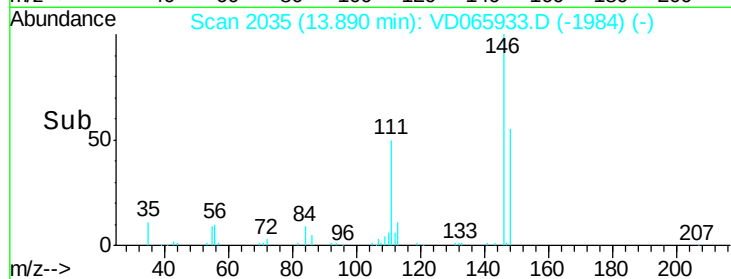
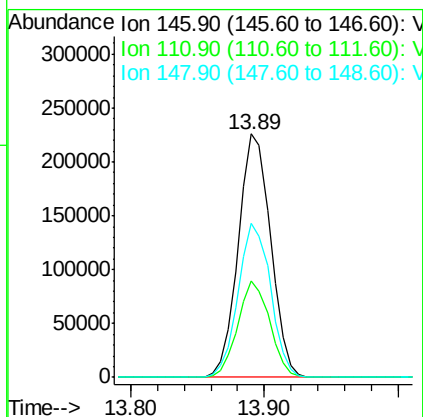
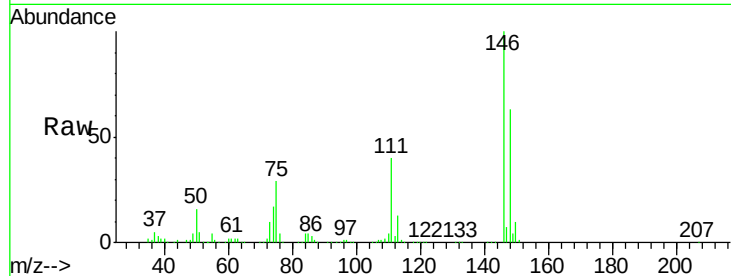
#91
 1,2-Dichlorobenzene
 Concen: 49.398 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	63.2	32.5	97.5

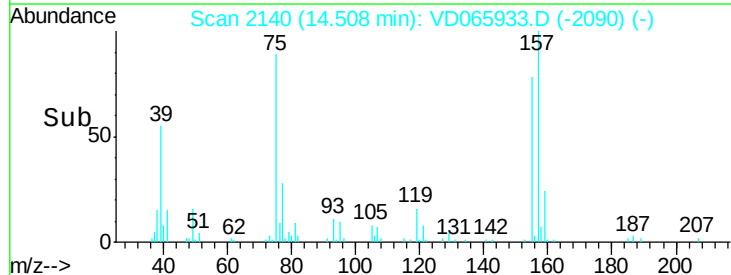
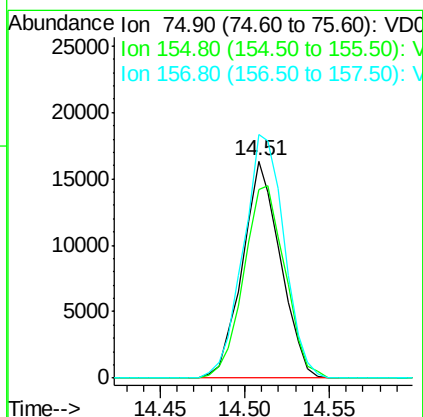
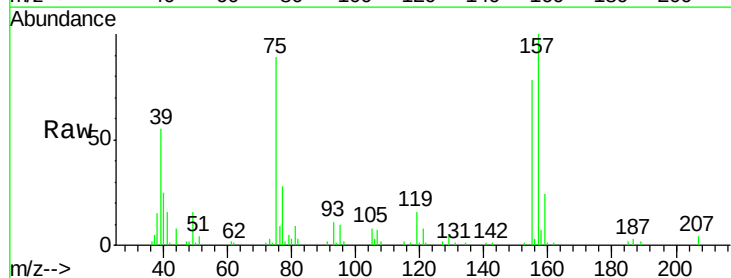
Manual Integrations
 APPROVED

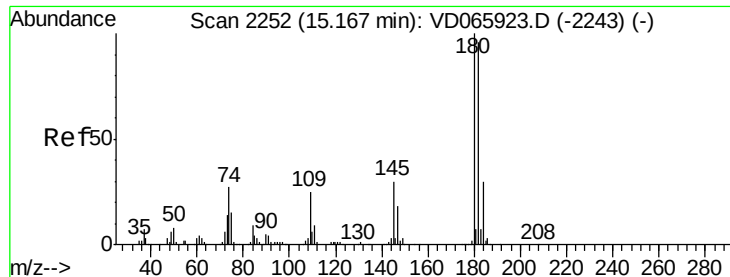
MMDadoda
 7/8/2020 12:05:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.691 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	45.3	135.8
157	120.3	56.9	170.6





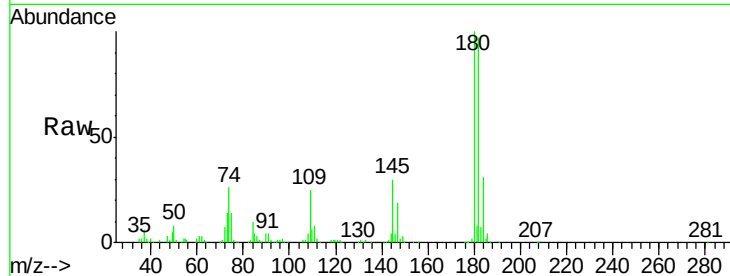
#93
 1,2,4-Trichlorobenzene
 Concen: 48.323 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

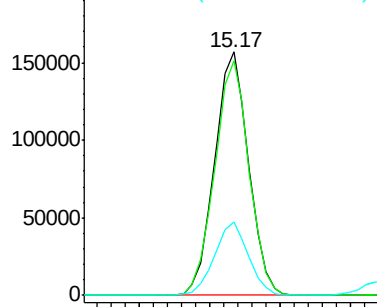
Tot Ion	Ratio	Resp	Lower	Upper
180	100	264563		
182	97.3	48.5	145.6	
145	29.9	15.0	45.1	

Manual Integrations
 APPROVED

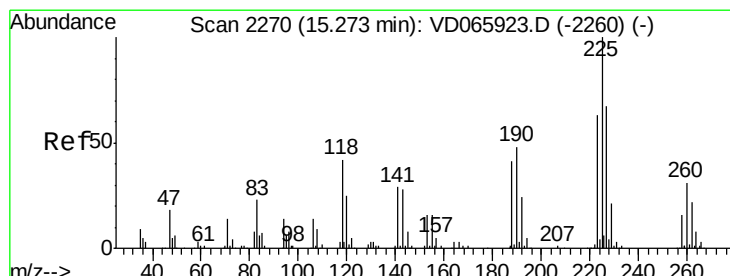
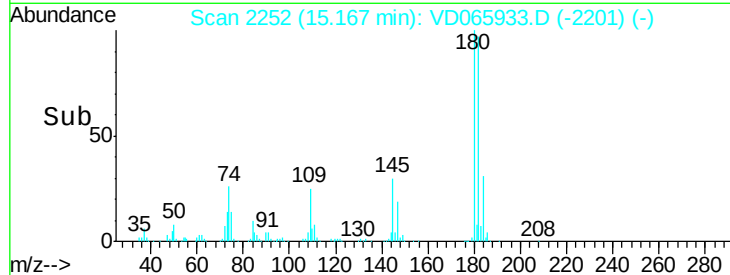
MMDadoda
 7/8/2020 12:05:16 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

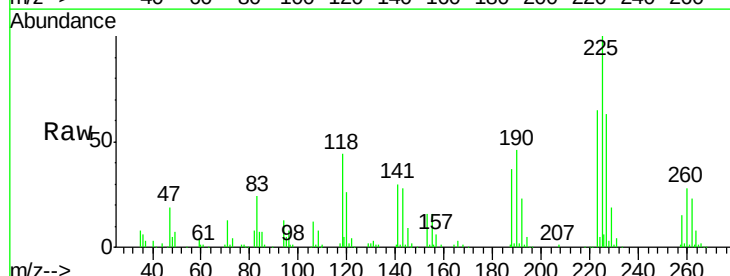


Time-->

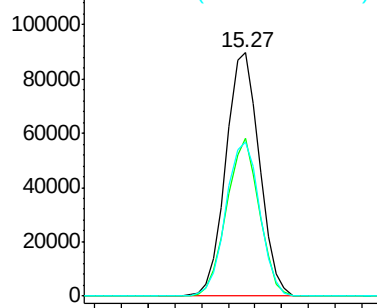


#94
 Hexachlorobutadiene
 Concen: 46.996 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

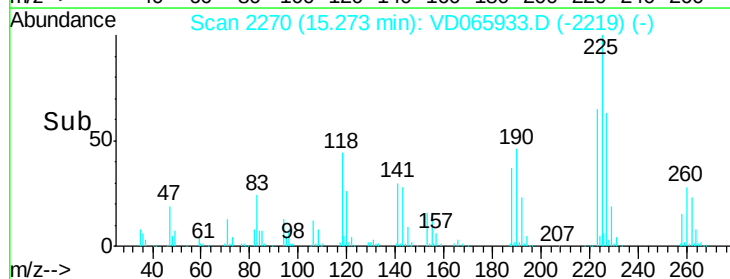
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155640		
223	62.9	31.1	93.2	
227	64.1	31.6	95.0	

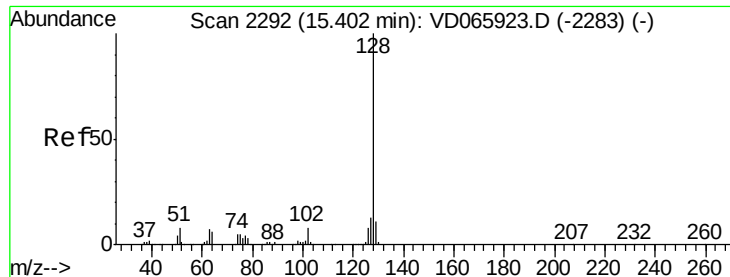


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 51.350 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

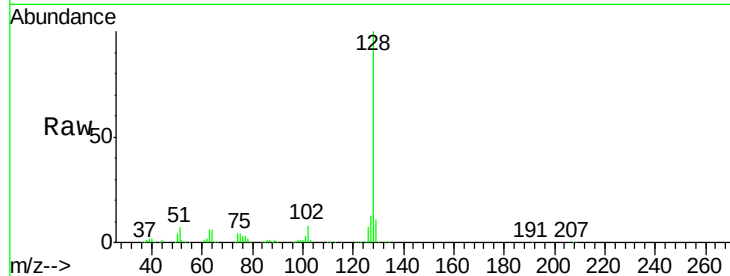
ClientSampleId :

VSTDCCC050EC

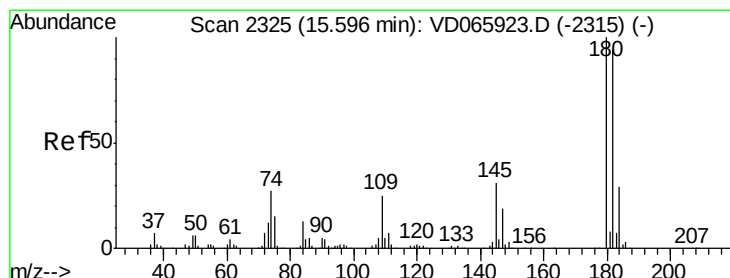
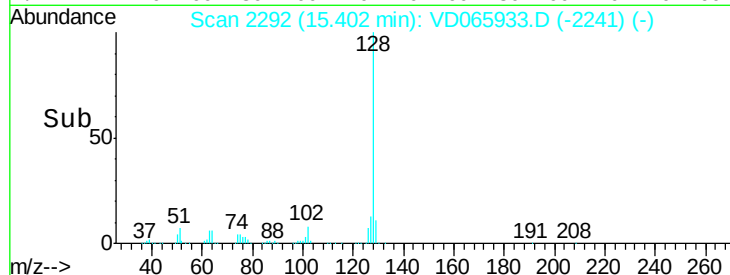
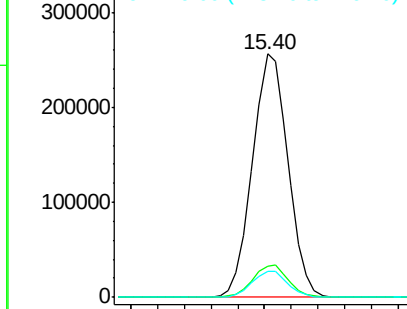
Tot Ion:	128	Resp:	471502
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:16 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.398 ug/l

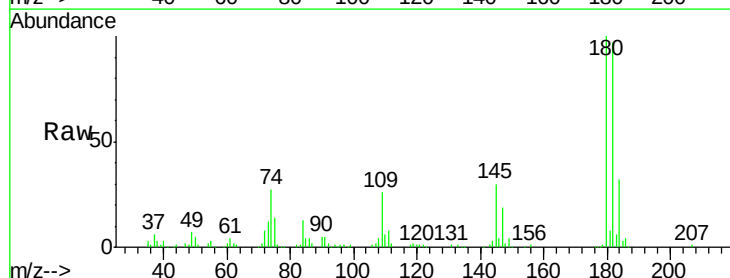
RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion:	180	Resp:	233276
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.8
145	31.5	16.1	48.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

