

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066783.D
 Acq On : 21 Sep 2020 15:26
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:49 PM

Quant Time: Sep 22 01:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	418594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	637266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218670	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.91	113	213671	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.34	98	761069	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.63	95	265686	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71380	20.219	ug/l	98
3) Chloromethane	2.21	50	85980	18.875	ug/l	98
4) Vinyl Chloride	2.35	62	85542	17.943	ug/l	99
5) Bromomethane	2.76	94	57779	17.085	ug/l	96
6) Chloroethane	2.92	64	50129	16.879	ug/l	91
7) Trichlorofluoromethane	3.27	101	154160	18.722	ug/l	97
8) Diethyl Ether	3.71	74	42731	20.724	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	86095	19.025	ug/l	97
10) Methyl Iodide	4.30	142	86923	20.245	ug/l	99
11) Tert butyl alcohol	5.21	59	34029	67.166	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	78697	18.789	ug/l	97
13) Acrolein	3.93	56	26109	82.889	ug/l	98
14) Allyl chloride	4.71	41	123167	18.311	ug/l	99
15) Acrylonitrile	5.42	53	91098	100.855	ug/l	98
16) Acetone	4.16	43	80637	88.663	ug/l	99
17) Carbon Disulfide	4.41	76	254254	19.318	ug/l	99
18) Methyl Acetate	4.72	43	42317	19.607	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	184857	19.814	ug/l	95
20) Methylene Chloride	4.97	84	110987	17.989	ug/l	93
21) trans-1,2-Dichloroethene	5.48	96	96712	19.819	ug/l	97
22) Diisopropyl ether	6.37	45	275685	20.170	ug/l #	92
23) Vinyl Acetate	6.31	43	655921	86.275	ug/l	98
24) 1,1-Dichloroethane	6.26	63	170281	19.633	ug/l	95
25) 2-Butanone	7.21	43	107229	90.544	ug/l	93
26) 2,2-Dichloropropane	7.20	77	150924	18.818	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105487	19.759	ug/l	98
28) Bromochloromethane	7.55	49	68932	21.278	ug/l	93
29) Tetrahydrofuran	7.56	42	71855	99.168	ug/l	98
30) Chloroform	7.71	83	185013	20.043	ug/l	98
31) Cyclohexane	7.98	56	145167	18.401	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	160250	18.972	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132816	18.549	ug/l	98
37) Ethyl Acetate	7.30	43	51683	19.066	ug/l #	97
38) Carbon Tetrachloride	8.10	117	141985	18.672	ug/l	90

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Quant Time: Sep 22 01:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	148670	18.152	ug/l	98
40) Benzene	8.35	78	384121	19.829	ug/l	98
41) Methacrylonitrile	7.53	41	29907m	20.840	ug/l	
42) 1,2-Dichloroethane	8.42	62	116803	19.462	ug/l	98
43) Isopropyl Acetate	8.45	43	97465	19.102	ug/l	96
44) Trichloroethene	9.11	130	103605	20.003	ug/l	97
45) 1,2-Dichloropropane	9.38	63	95471	19.935	ug/l	93
46) Dibromomethane	9.47	93	53078	20.169	ug/l	99
47) Bromodichloromethane	9.66	83	139864	19.504	ug/l	99
48) Methyl methacrylate	9.45	41	47549	18.321	ug/l	91
49) 1,4-Dioxane	9.46	88	13119	465.382	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	249172	94.857	ug/l	99
52) Toluene	10.40	92	245942	19.818	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	121384	18.948	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	142822	18.771	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	70389	20.287	ug/l #	90
56) Ethyl methacrylate	10.66	69	77671	19.726	ug/l	98
57) 1,3-Dichloropropane	10.94	76	119528	19.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	209936	121.400	ug/l	96
59) 2-Hexanone	10.98	43	161269	91.371	ug/l	96
60) Dibromochloromethane	11.14	129	92500	20.460	ug/l	96
61) 1,2-Dibromoethane	11.24	107	66377	19.943	ug/l	97
64) Tetrachloroethene	10.87	164	90286	20.754	ug/l	95
65) Chlorobenzene	11.67	112	260844	19.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97322	19.992	ug/l	97
67) Ethyl Benzene	11.74	91	461107	19.294	ug/l	97
68) m/p-Xylenes	11.85	106	347489	38.471	ug/l	100
69) o-Xylene	12.18	106	156078	19.554	ug/l	95
70) Styrene	12.20	104	275219	19.590	ug/l	99
71) Bromoform	12.36	173	48368	19.798	ug/l #	96
73) Isopropylbenzene	12.48	105	421596	18.915	ug/l	100
74) N-amyl acetate	12.29	43	86255	18.346	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	77212	20.387	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	55560m	21.741	ug/l	
77) Bromobenzene	12.76	156	100812	19.624	ug/l	99
78) n-propylbenzene	12.82	91	511898	18.840	ug/l	98
79) 2-Chlorotoluene	12.91	91	293547	19.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	365797	19.410	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	18248	15.410	ug/l	95
82) 4-Chlorotoluene	13.01	91	313149	19.277	ug/l	98
83) tert-Butylbenzene	13.23	119	292600	18.838	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	365181	19.390	ug/l	99
85) sec-Butylbenzene	13.40	105	418361	18.787	ug/l	99
86) p-Isopropyltoluene	13.52	119	386433	19.088	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190874	19.367	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	193689	19.735	ug/l	99
89) n-Butylbenzene	13.85	91	353624	18.370	ug/l	99
90) Hexachloroethane	14.11	117	74712	17.965	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	166312	19.694	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11318	18.486	ug/l	90

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	106629	20.876	ug/l	98
94) Hexachlorobutadiene	15.27	225	58094	18.878	ug/l	98
95) Naphthalene	15.41	128	174719	19.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	89396	20.038	ug/l	95

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

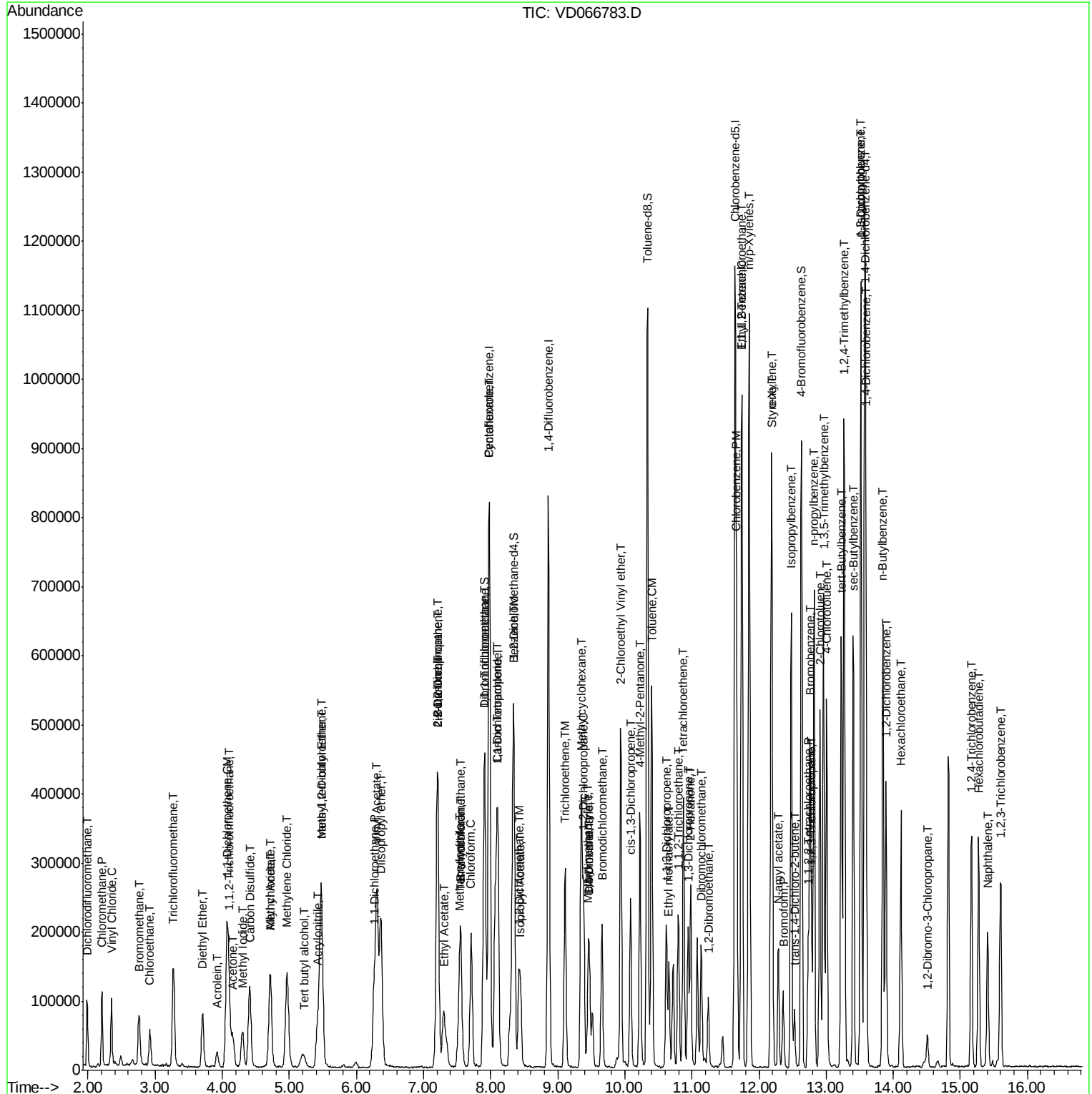
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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 Operator : VA/SY
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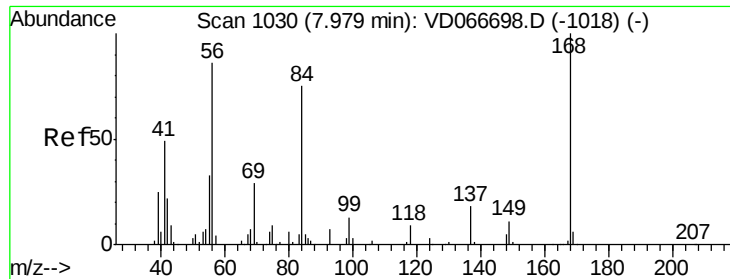
Instrument :
 MSVOA_D
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion:168 Resp: 418594

Ion Ratio Lower Upper

168 100

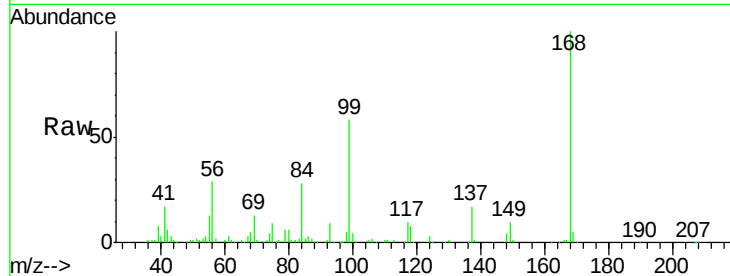
99 57.8 54.4 81.6

Manual Integrations

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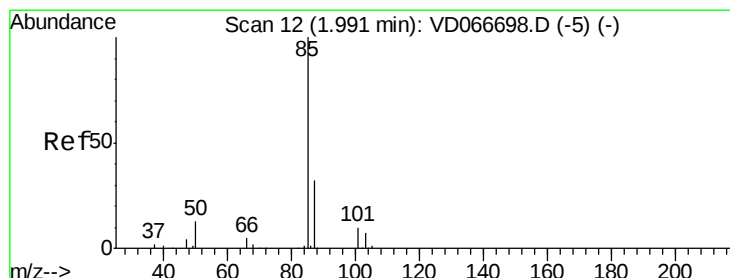
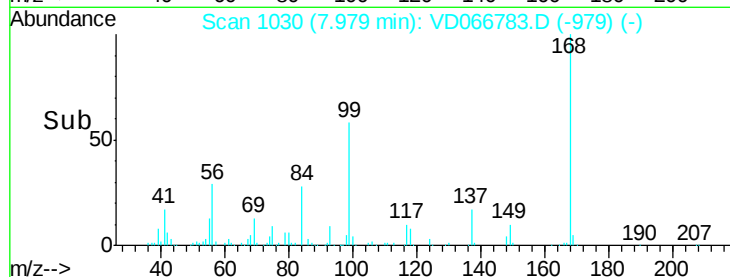
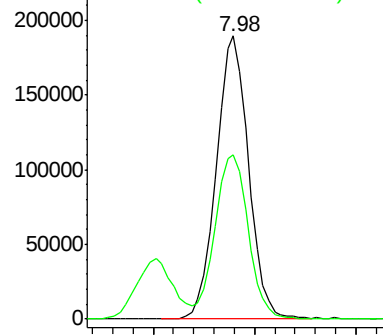
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.219 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066783.D

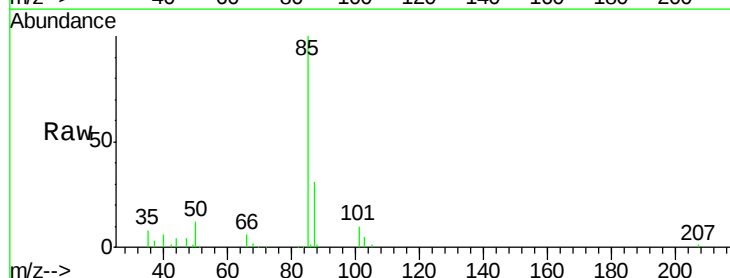
Acq: 21 Sep 2020 15:26

Tgt Ion: 85 Resp: 71380

Ion Ratio Lower Upper

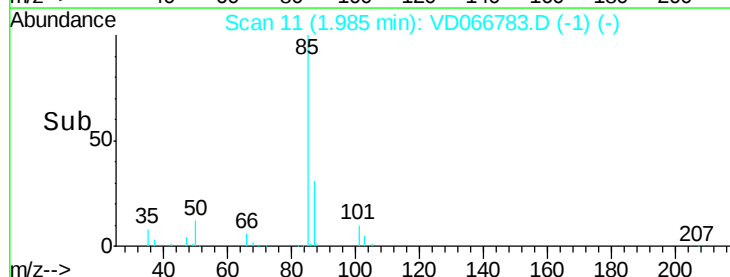
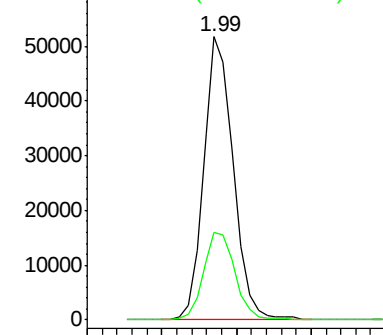
85 100

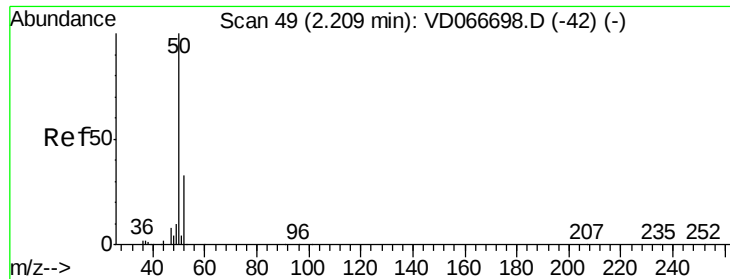
87 30.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.875 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBSD01

Tot Ion: 50 Resp: 85980

Ion Ratio Lower Upper

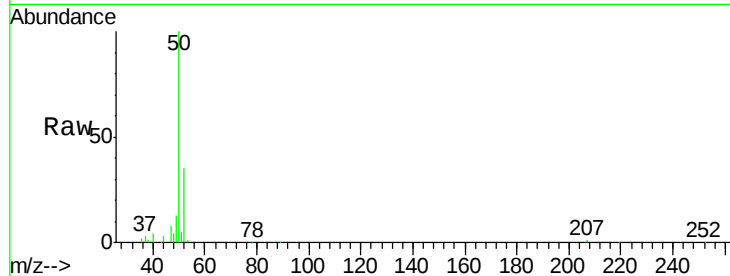
50 100

52 34.8 26.8 40.2

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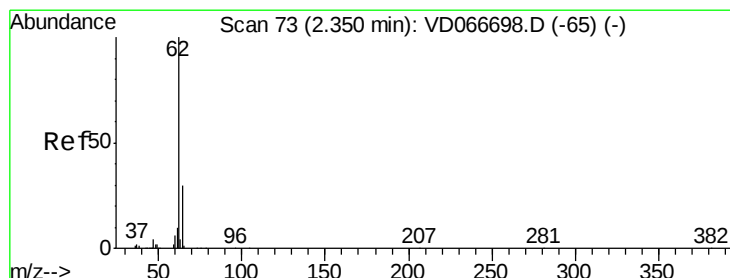
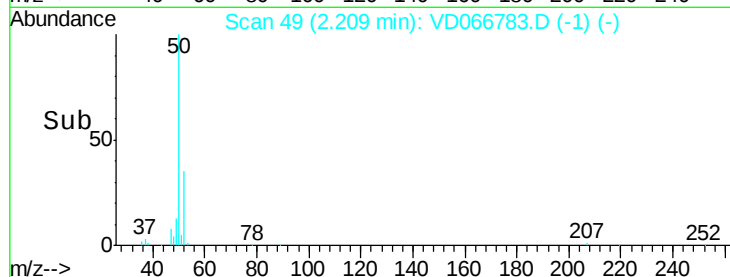
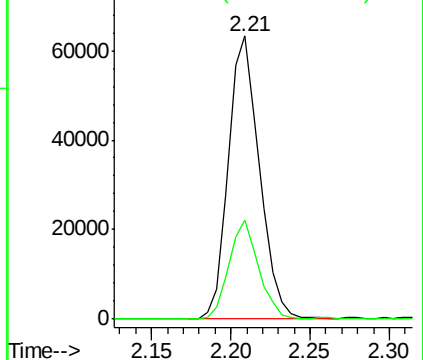
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.943 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066783.D

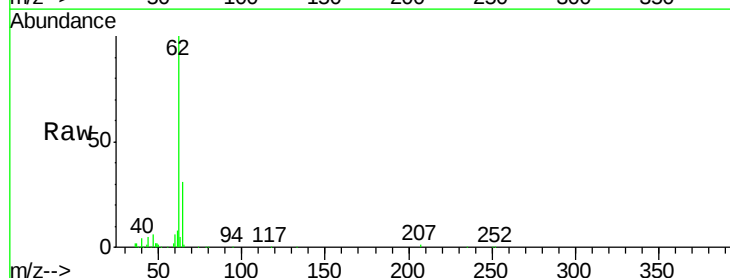
Acq: 21 Sep 2020 15:26

Tgt Ion: 62 Resp: 85542

Ion Ratio Lower Upper

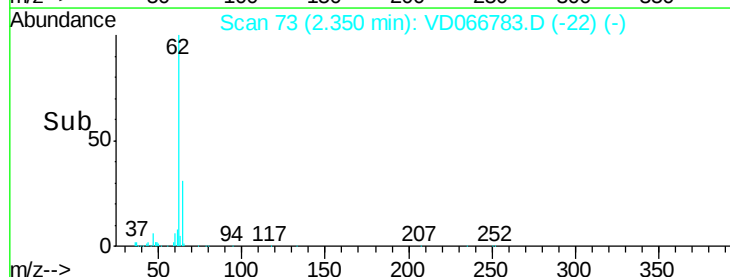
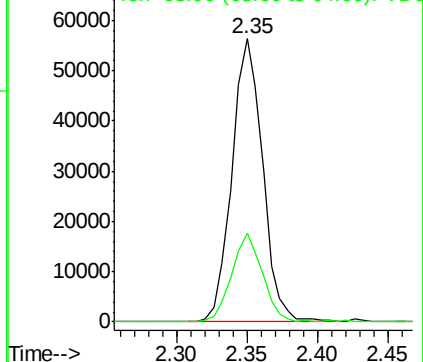
62 100

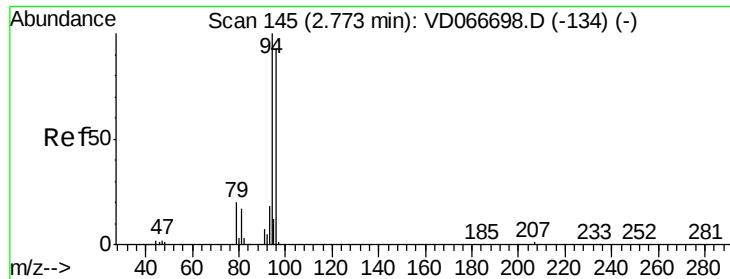
64 31.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.085 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066783.D

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Tot Ion: 94 Resp: 57779

Ion Ratio Lower Upper

94 100

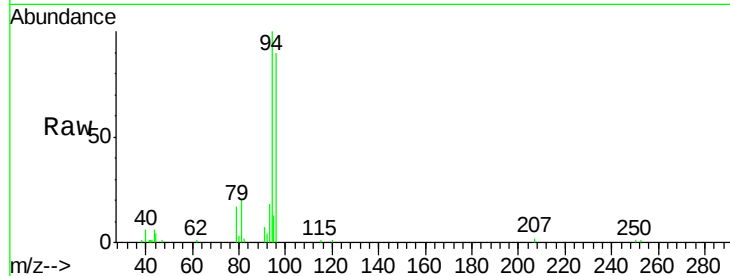
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Manual Integrations

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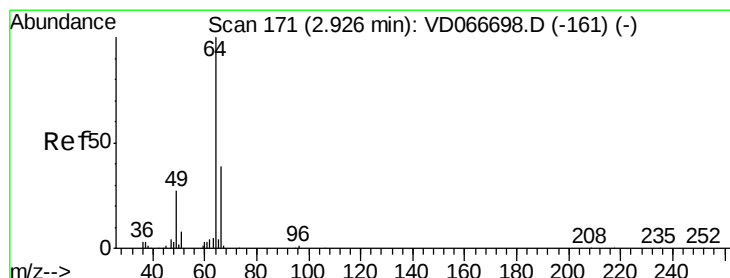
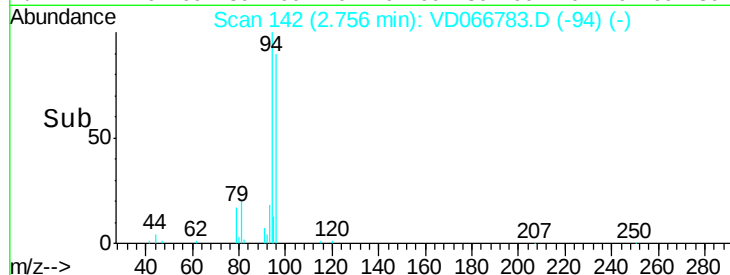
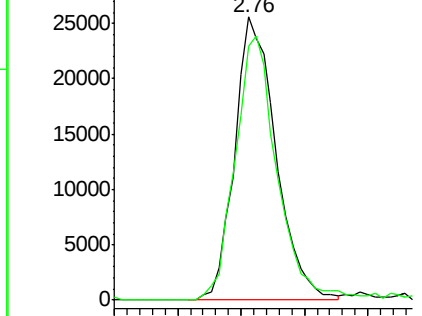
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 16.879 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066783.D

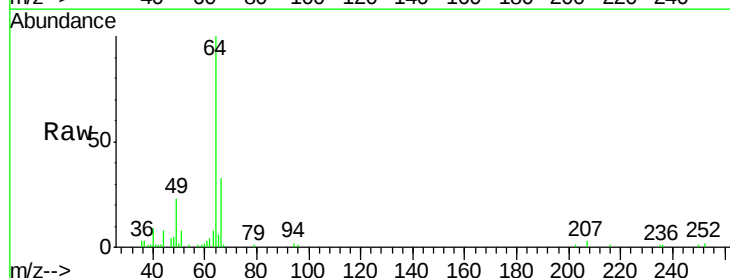
Acq: 21 Sep 2020 15:26

Tgt Ion: 64 Resp: 50129

Ion Ratio Lower Upper

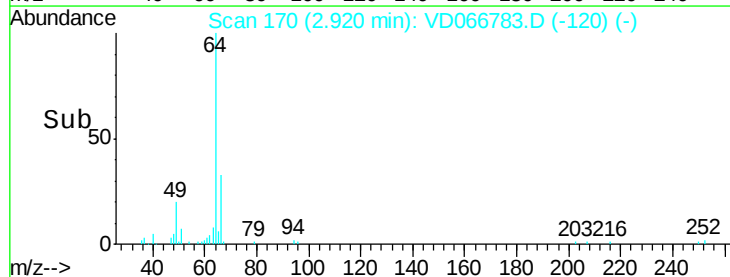
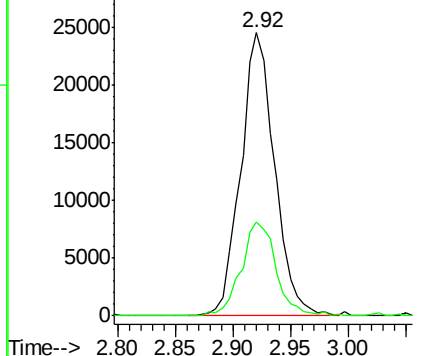
64 100

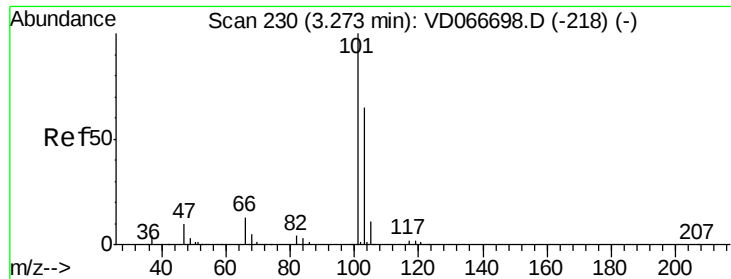
66 33.4 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

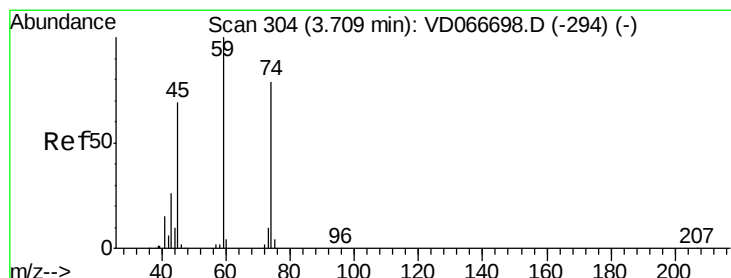
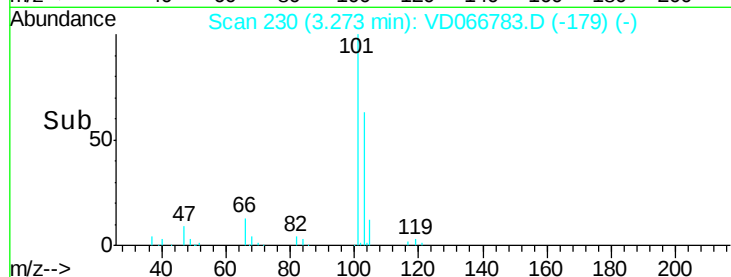
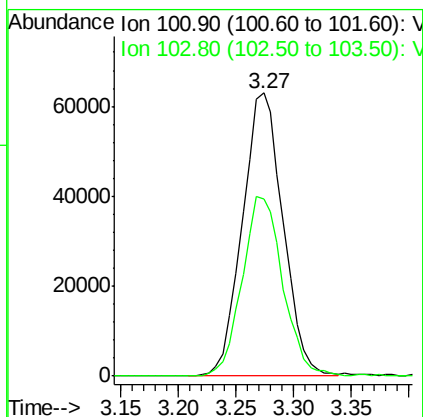
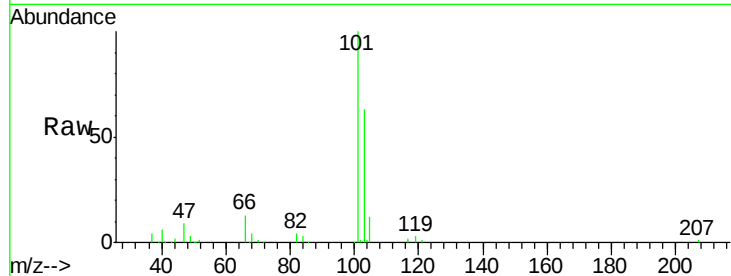
Trichlorofluoromethane
 Concen: 18.722 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	154160		
103	62.6	51.8	77.8	

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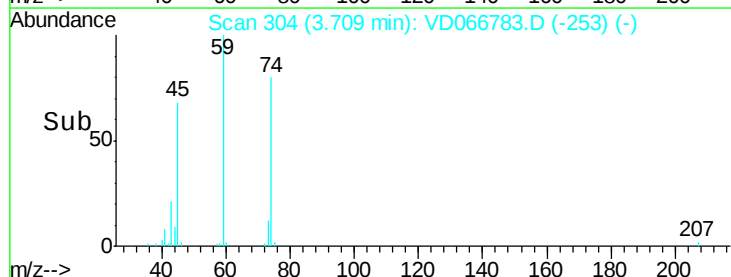
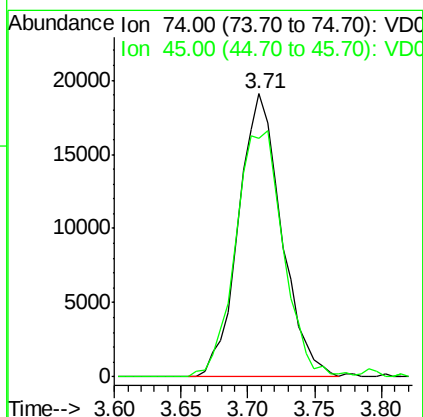
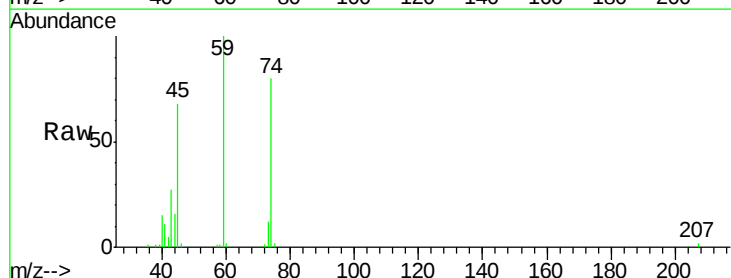
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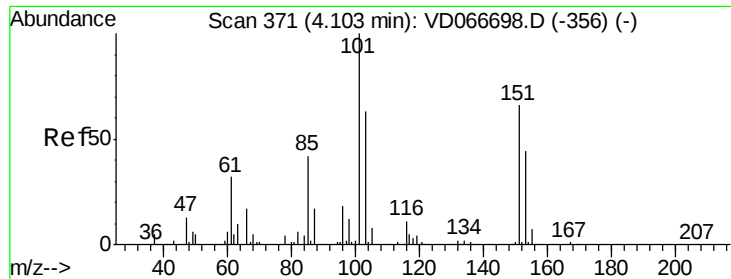


#8

Diethyl Ether
 Concen: 20.724 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	42731		
45	95.6	48.0	144.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.025 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

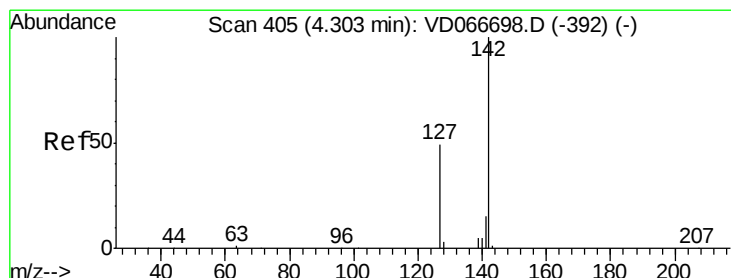
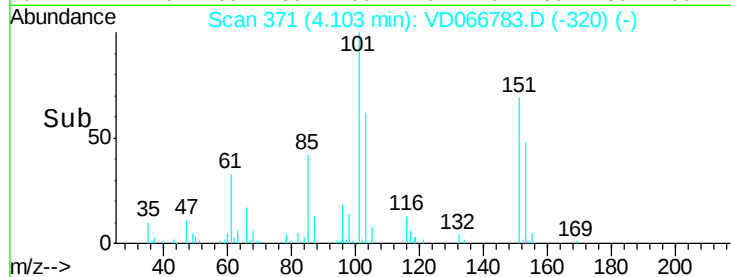
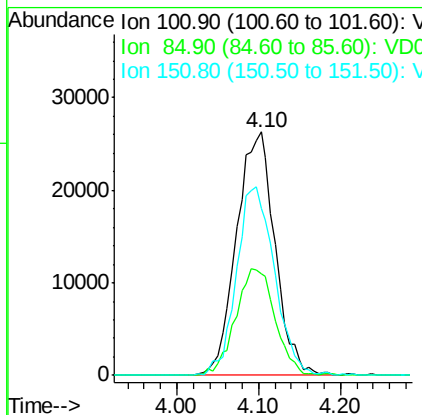
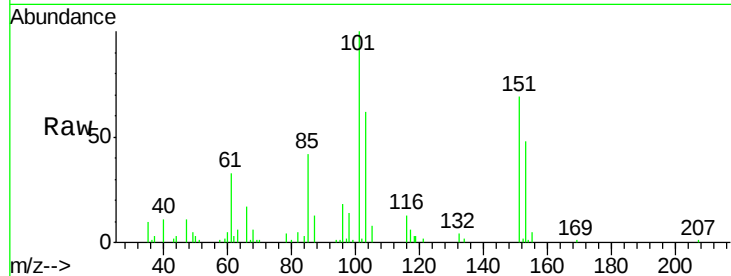
ClientSampleId :

VD0921SBS01

Tot Ion:	101	Resp:	86095
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.3	54.5
151	76.1	58.0	87.0

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#10

Methyl Iodide

Concen: 20.245 ug/l

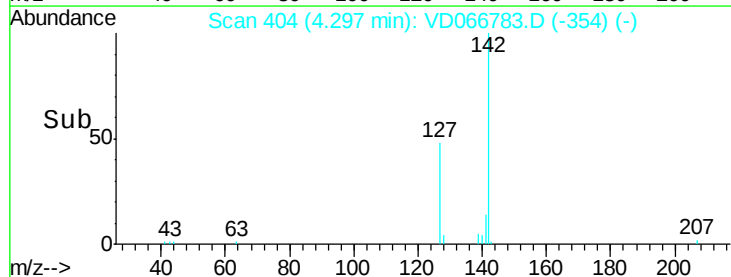
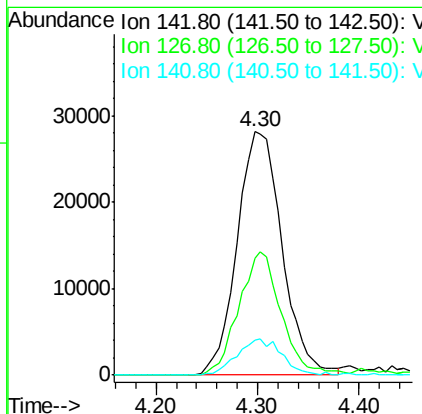
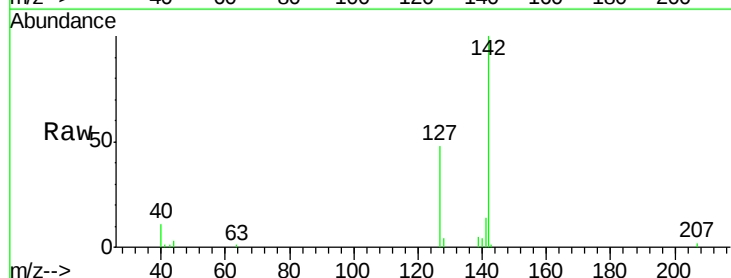
RT: 4.30 min Scan# 404

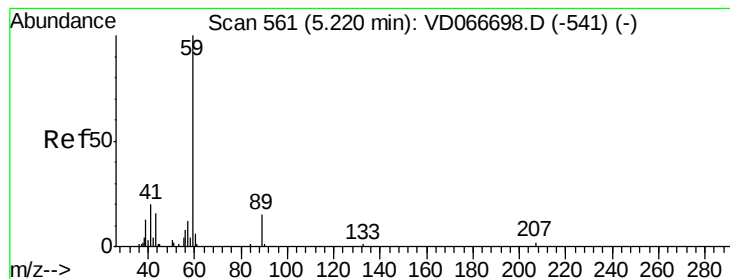
Delta R.T. -0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	142	Resp:	86923
Ion Ratio	Lower	Upper	
142	100		
127	47.7	39.0	58.4
141	14.6	11.7	17.5





#11

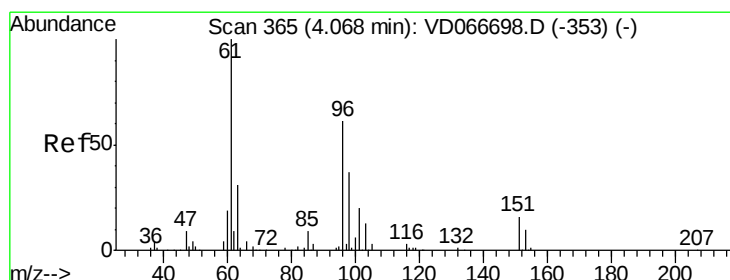
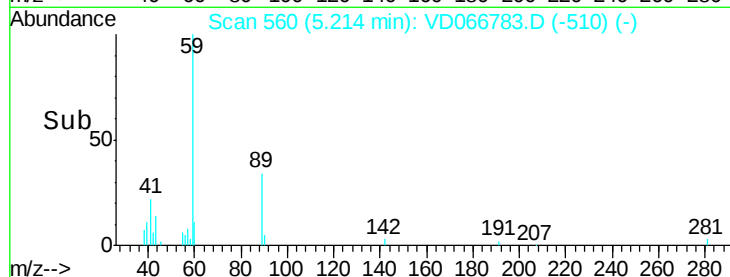
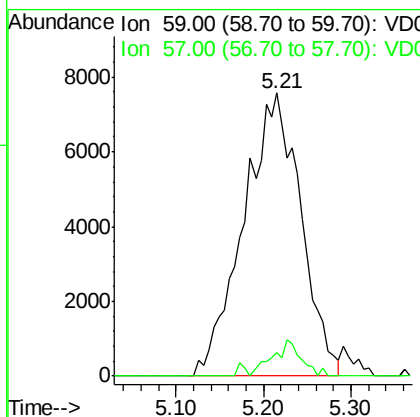
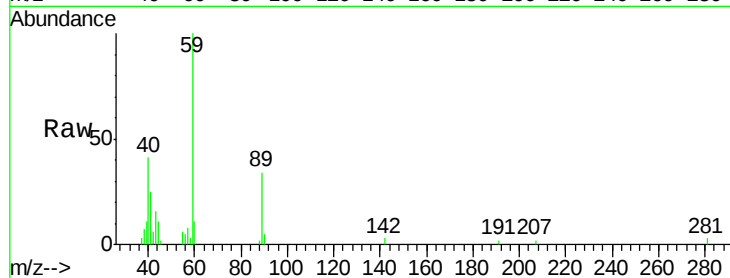
Tert butyl alcohol
 Concen: 67.166 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	6.7	10.1#

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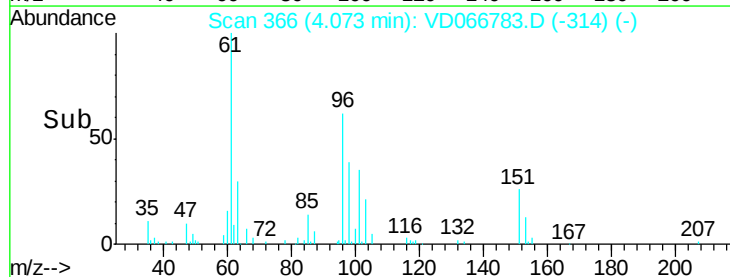
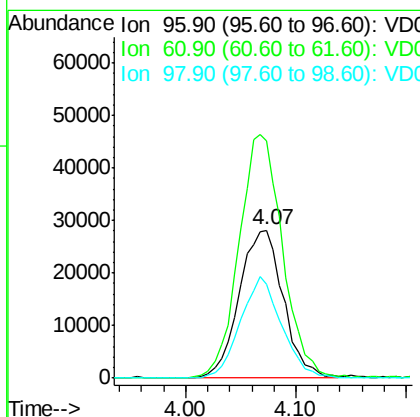
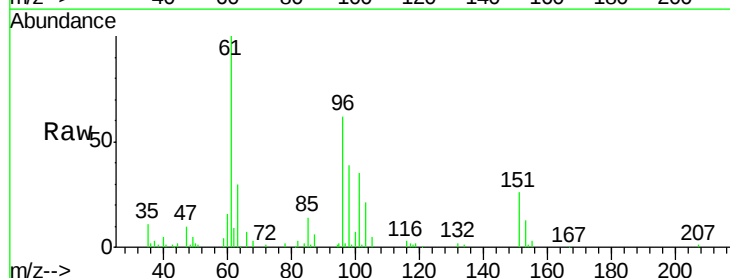
MMDadoda
 9/22/2020 2:09:49 PM

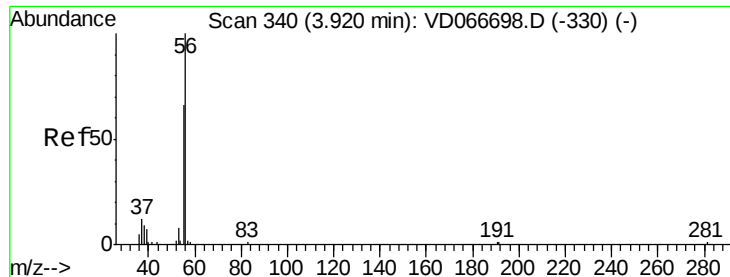


#12

1,1-Dichloroethene
 Concen: 18.789 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	131.9	197.9
98	63.1	49.1	73.7





#13

Acrolein

Concen: 82.889 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 56 Resp: 26109

Ion Ratio Lower Upper

56 100

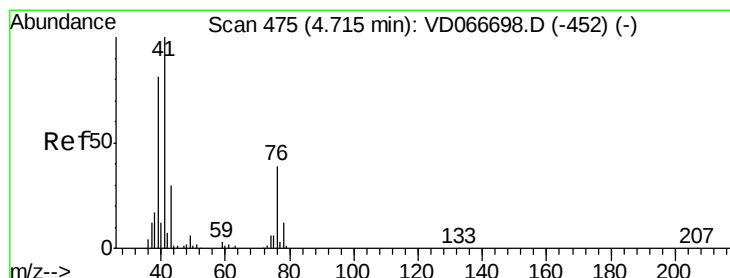
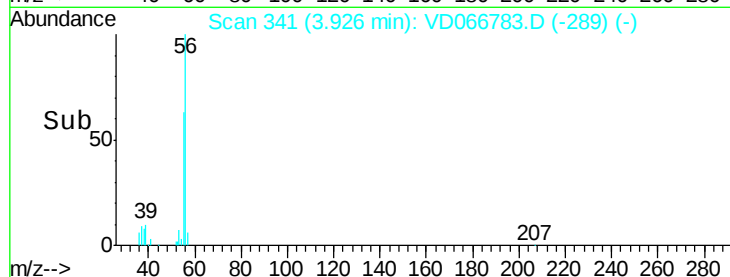
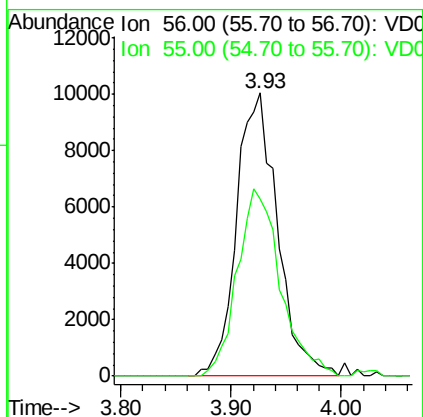
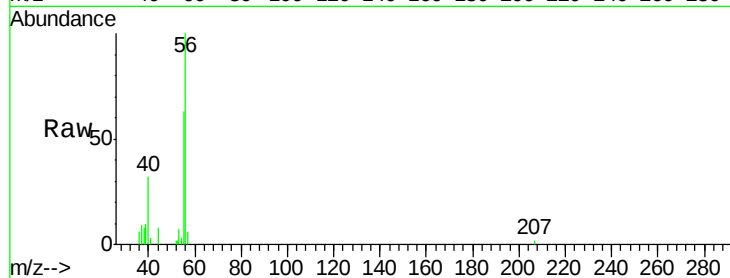
55 69.8 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 18.311 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

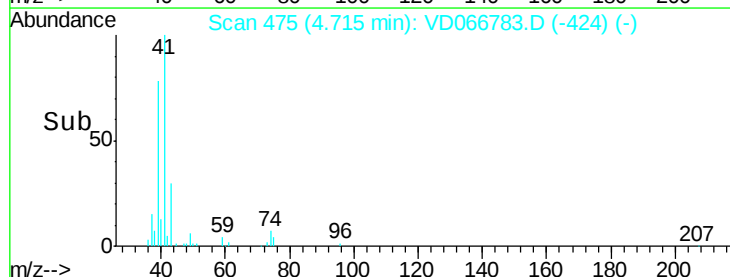
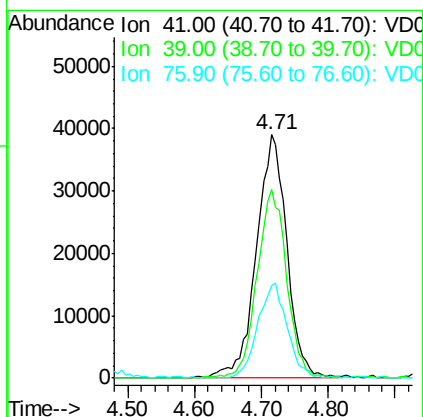
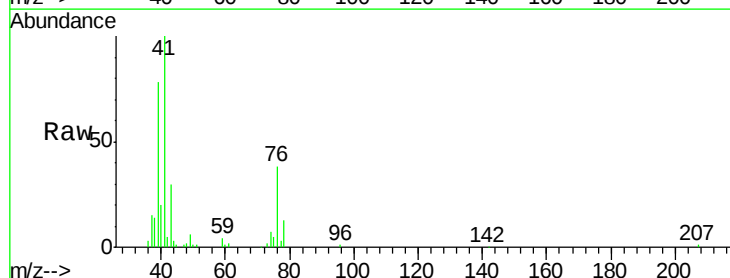
Tgt Ion: 41 Resp: 123167

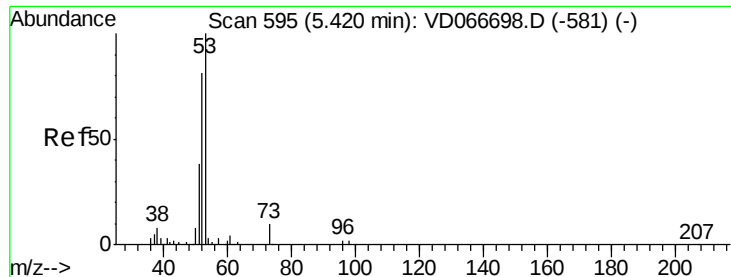
Ion Ratio Lower Upper

41 100

39 75.3 60.6 90.8

76 37.4 29.2 43.8





#15

Acrylonitrile

Concen: 100.855 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

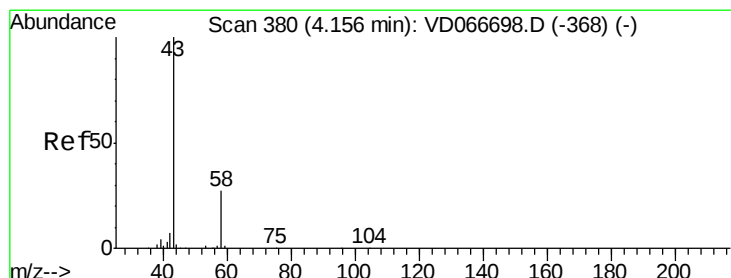
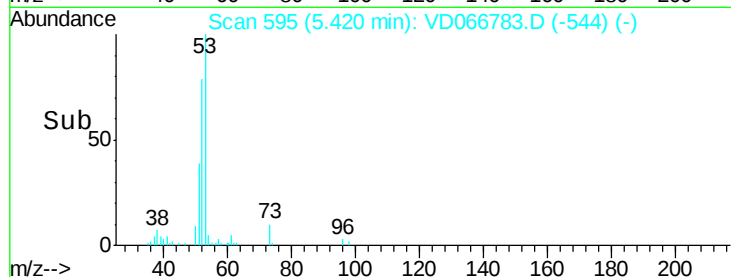
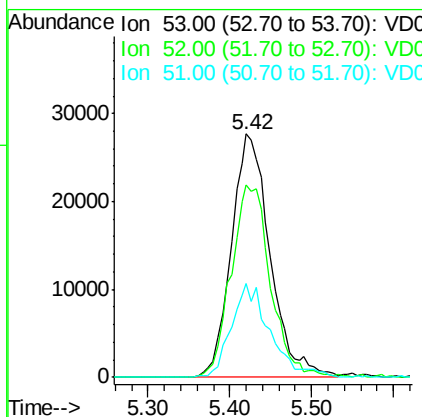
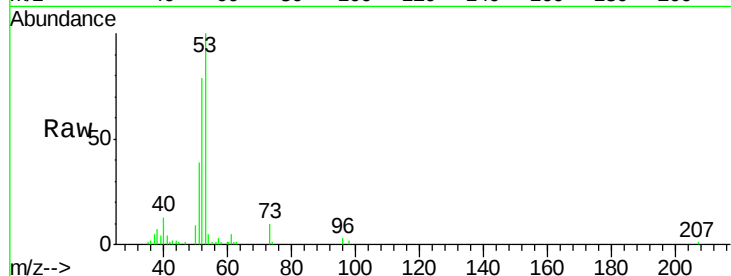
ClientSampleId :

VD0921SBS01

Tot Ion:	53	Resp:	91098
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.6	99.8
51	38.4	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 88.663 ug/l

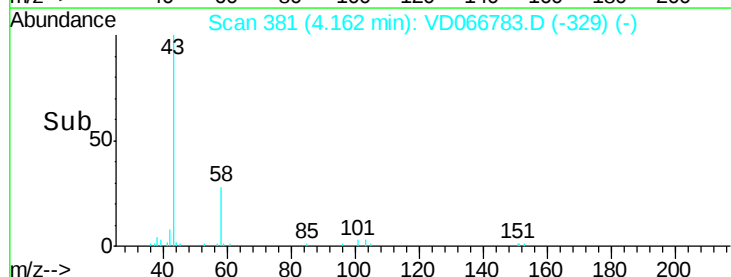
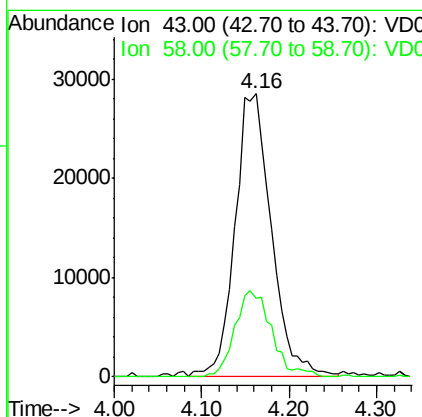
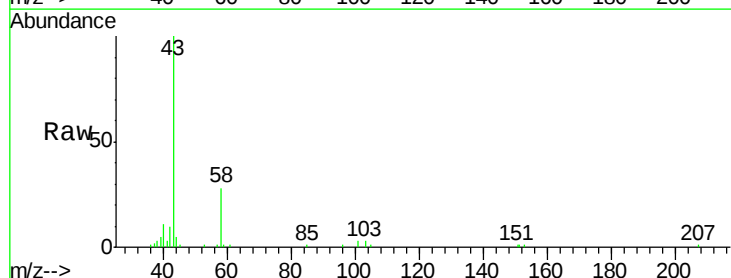
RT: 4.16 min Scan# 381

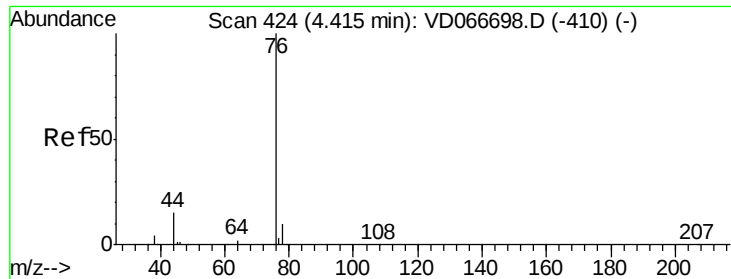
Delta R.T. 0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	43	Resp:	80637
Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.9	32.9





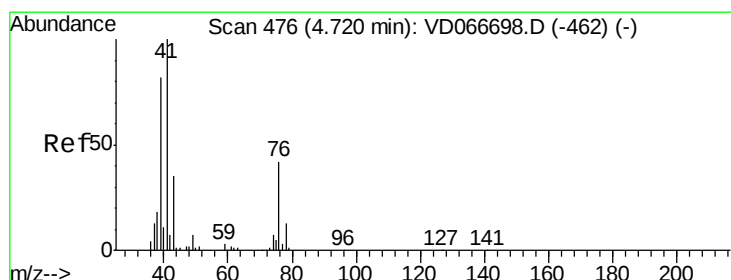
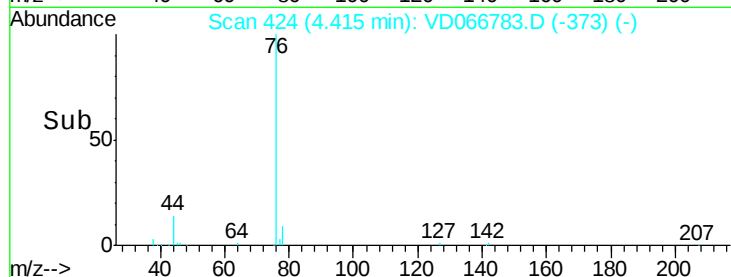
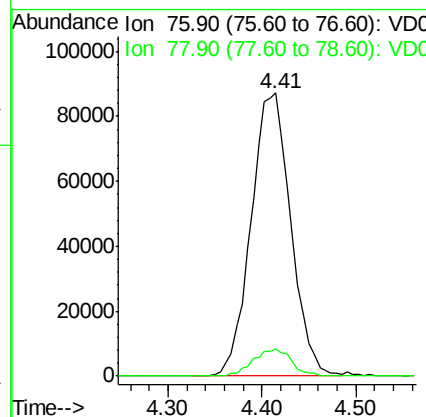
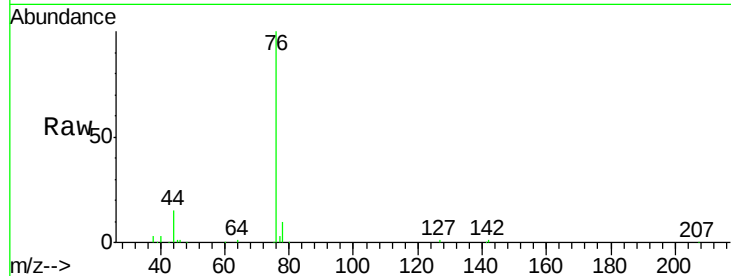
#17
Carbon Disulfide
Concen: 19.318 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	254254		
78	9.7		8.0	12.0

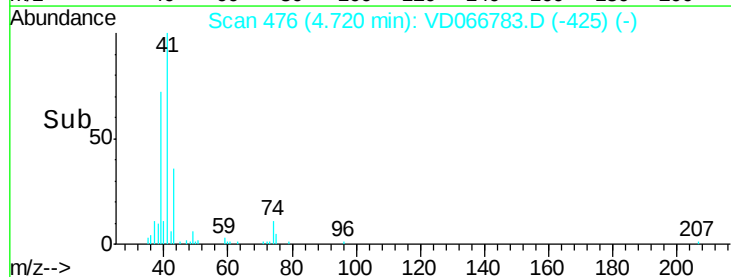
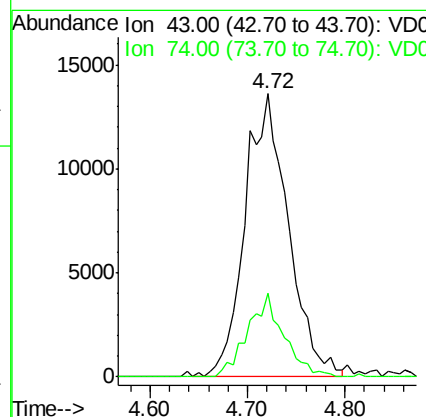
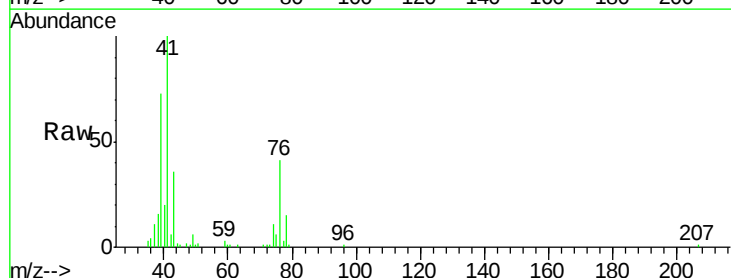
Manual Integrations
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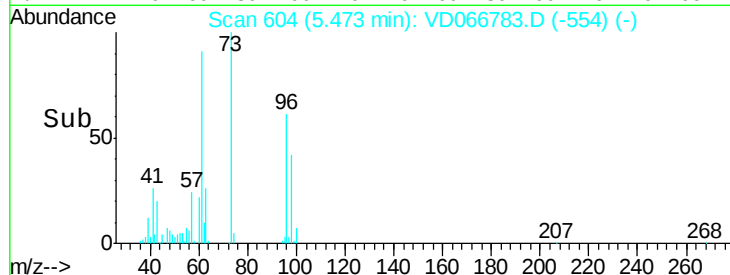
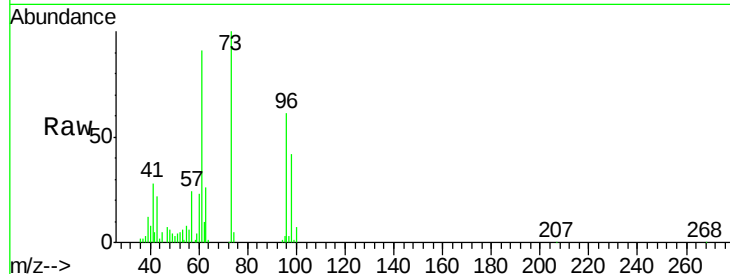
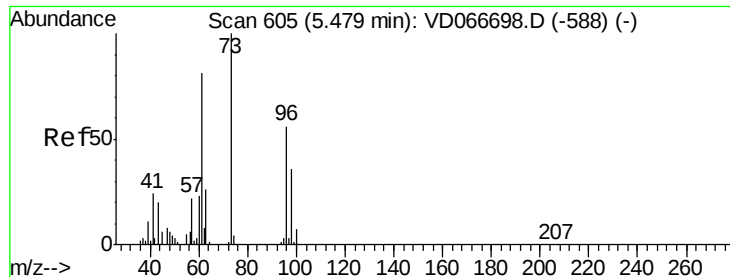
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#18
Methyl Acetate
Concen: 19.607 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	42317		
74	24.5		18.6	28.0





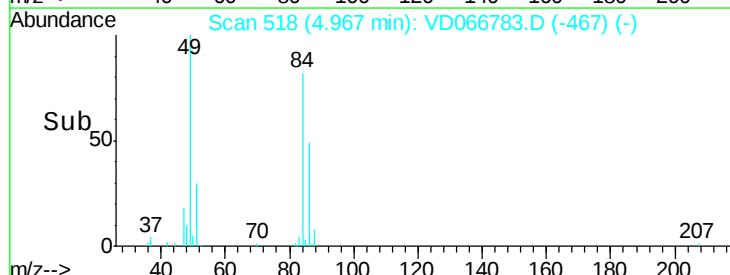
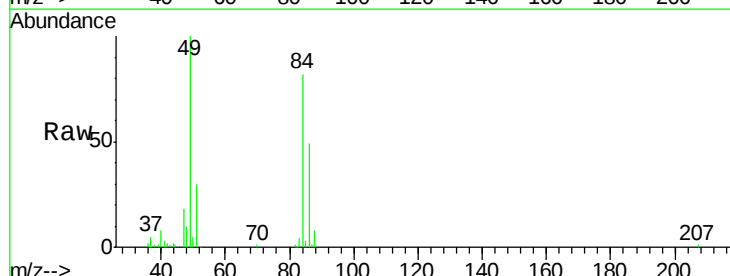
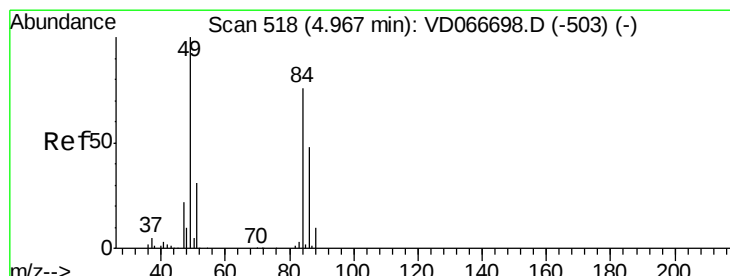
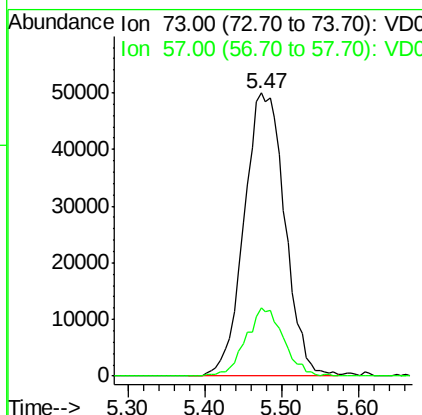
#19
Methvl tert-butvl Ether
Concen: 19.814 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tot Ion	73	Resp	184857
Ion Ratio	100	Lower	Upper
73	100	17.8	26.6
57	24.4		

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

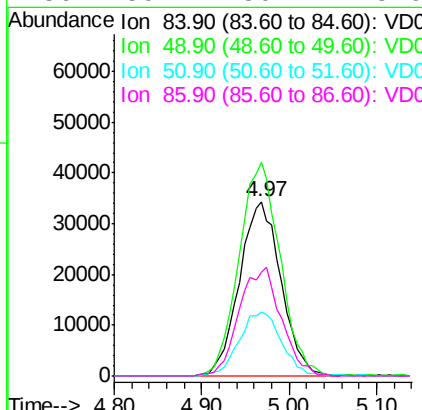
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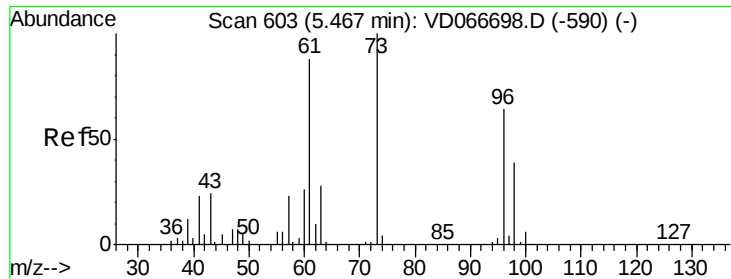
MMDadoda
9/22/2020 2:09:49 PM



#20
Methylene Chloride
Concen: 17.989 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	84	Resp	110987
Ion Ratio	100	Lower	Upper
84	100	105.0	157.6
49	122.3	32.2	48.4
51	36.8		
86	59.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.819 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 96 Resp: 96712

Ion Ratio Lower Upper

96 100

61 133.1 110.6 166.0

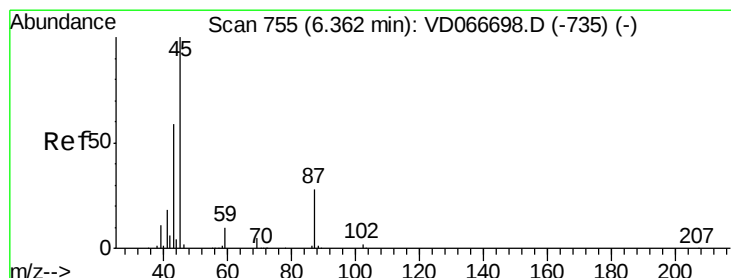
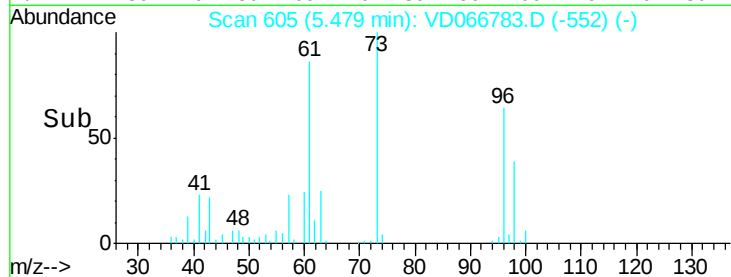
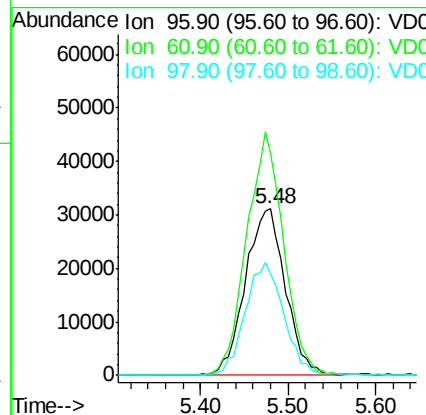
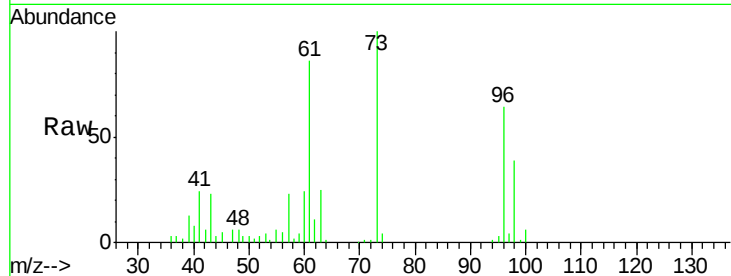
98 61.0 49.2 73.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.170 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion: 45 Resp: 275685

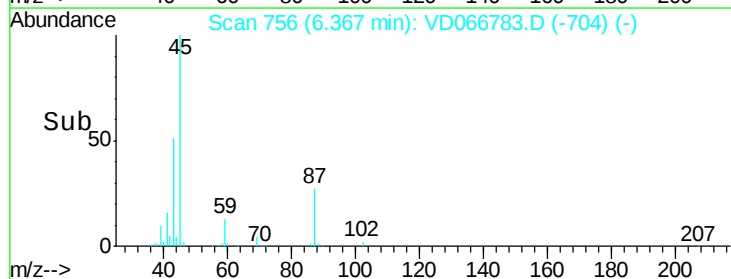
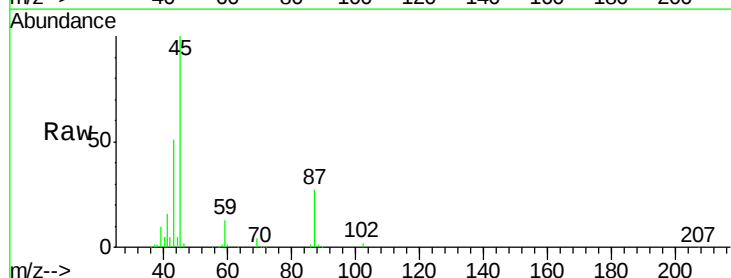
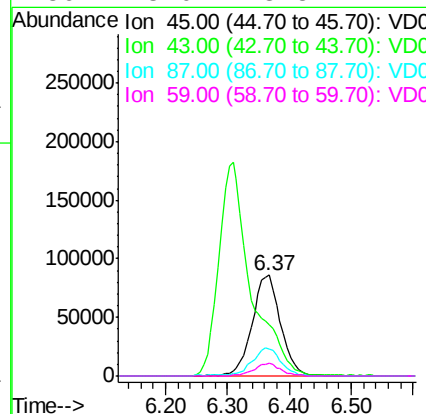
Ion Ratio Lower Upper

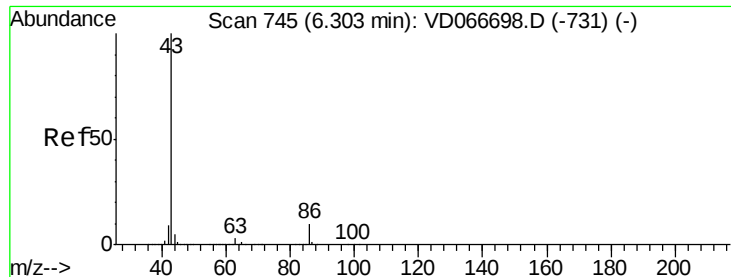
45 100

43 50.2 46.9 70.3

87 27.0 22.4 33.6

59 13.0 8.5 12.7#





#23

Vinyl Acetate

Concen: 86.275 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 43 Resp: 655921

Ion Ratio Lower Upper

43 100

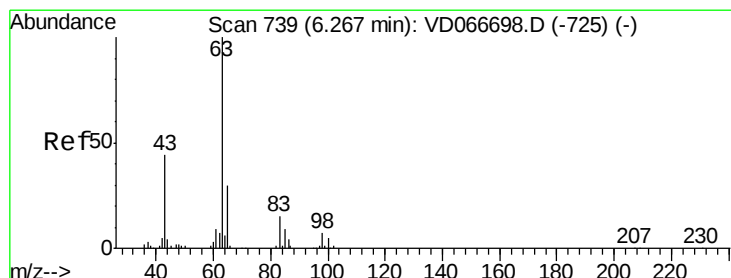
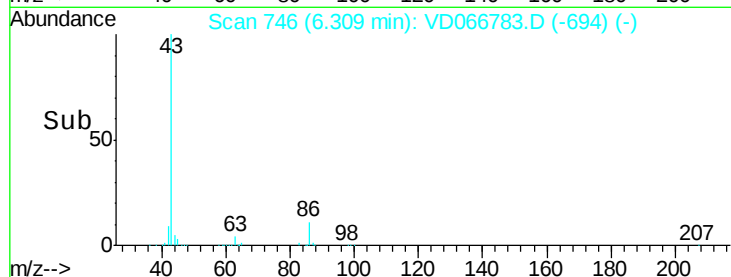
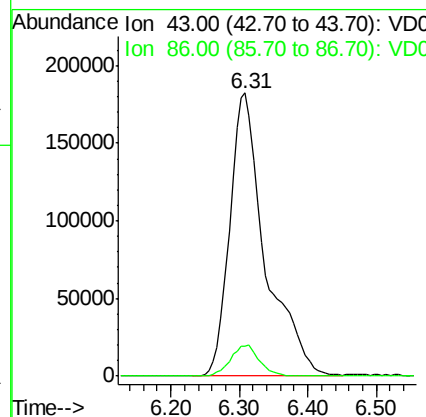
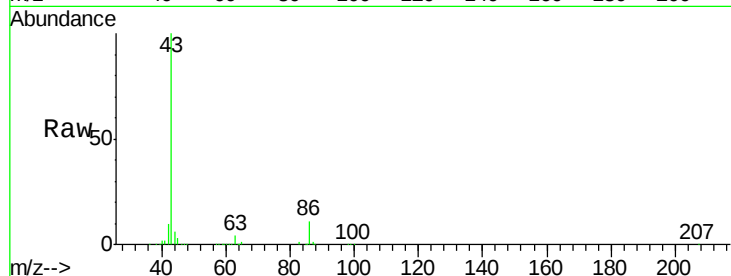
86 10.5 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.633 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

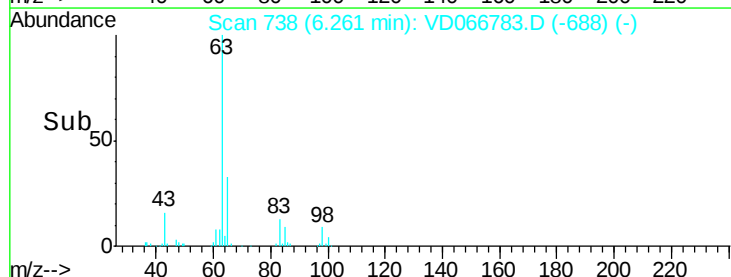
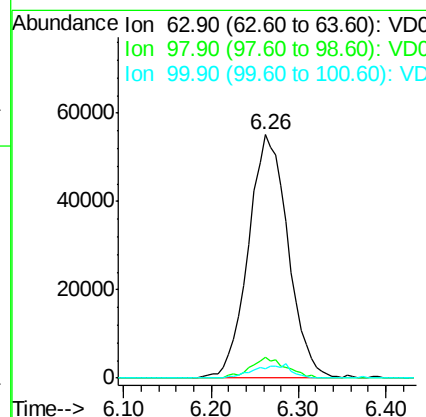
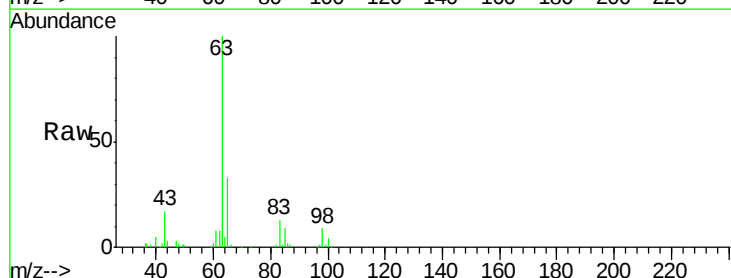
Tgt Ion: 63 Resp: 170281

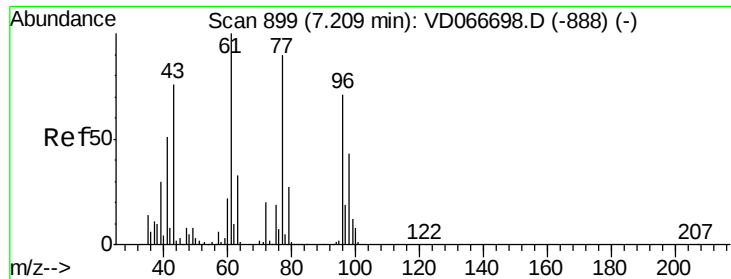
Ion Ratio Lower Upper

63 100

98 8.7 3.4 10.2

100 4.0 2.6 8.0





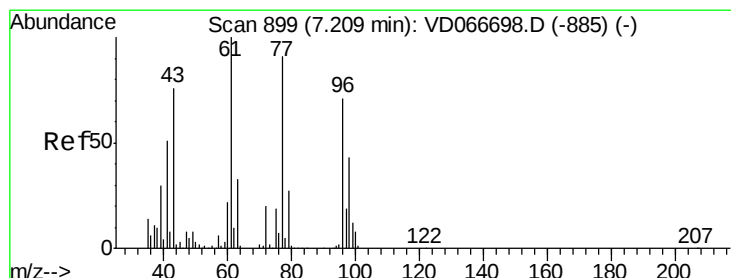
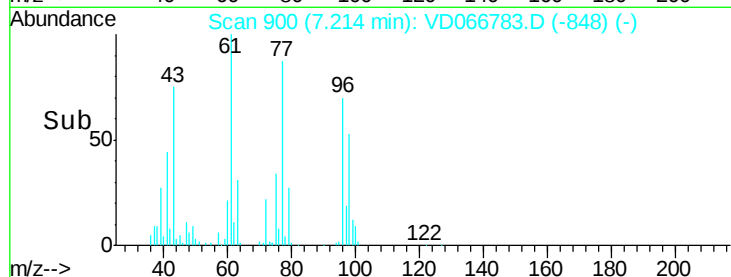
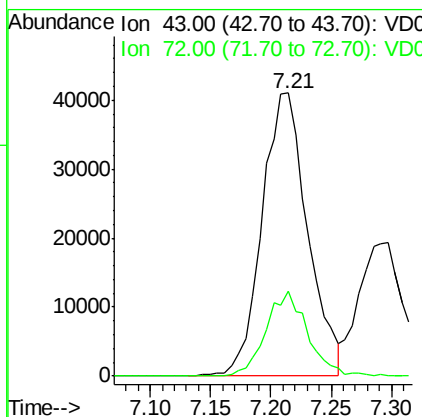
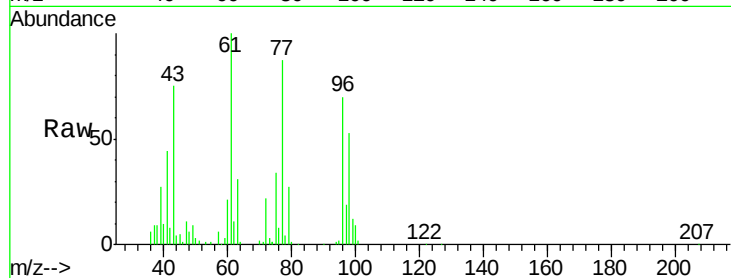
#25
2-Butanone
Concen: 90.544 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion: 43 Resp: 107229
Ion Ratio Lower Upper
43 100
72 29.9 21.0 31.4

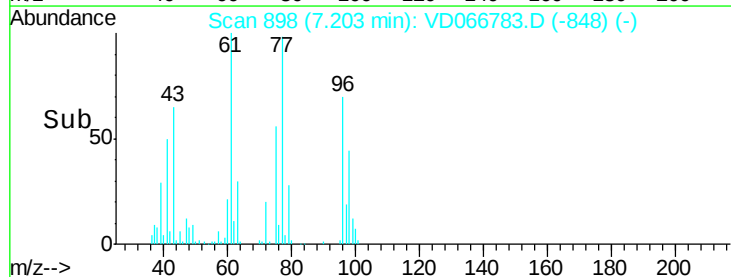
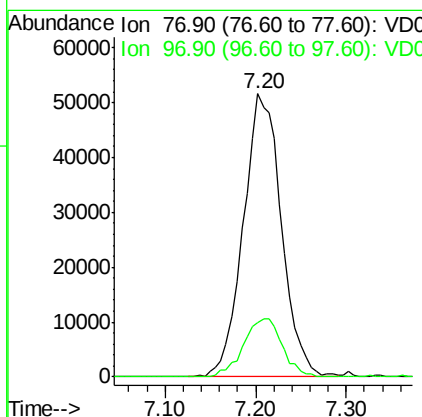
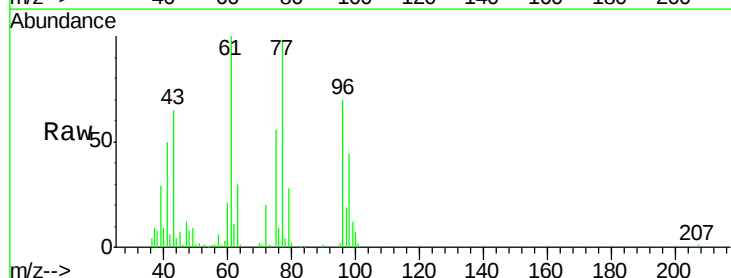
Manual Integrations
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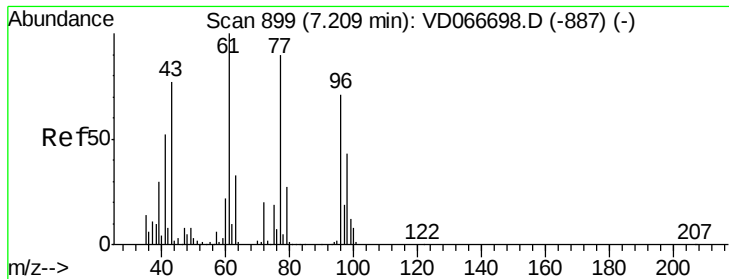
MMDadoda
9/22/2020 2:09:49 PM



#26
2,2-Dichloropropane
Concen: 18.818 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion: 77 Resp: 150924
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

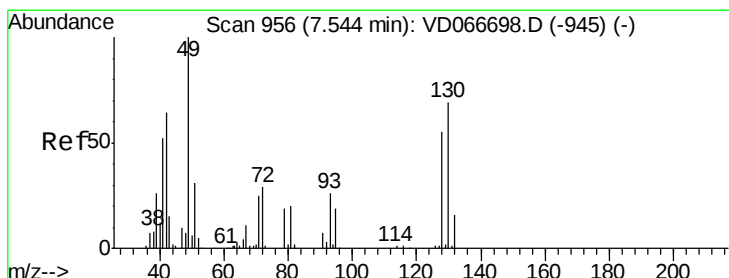
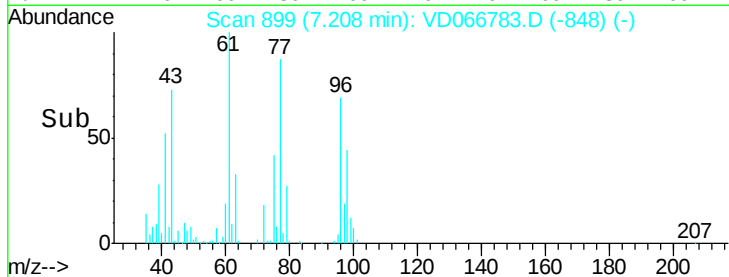
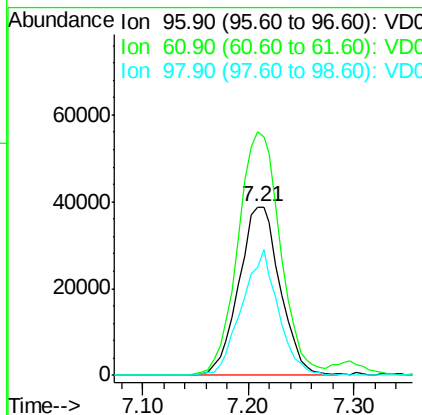
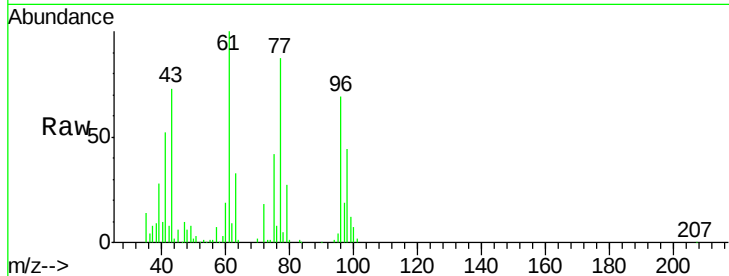
cis-1,2-Dichloroethene
 Concen: 19.759 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.4	0.0	292.4	
98	66.0	0.0	127.0	

Manual Integrations
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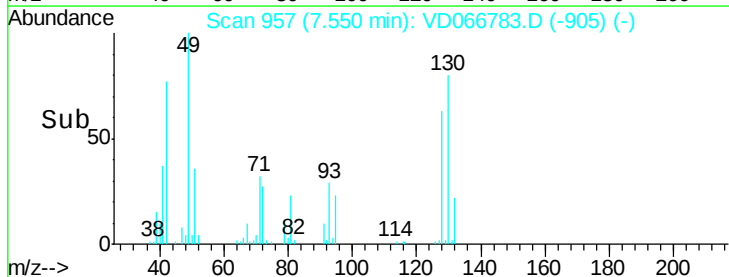
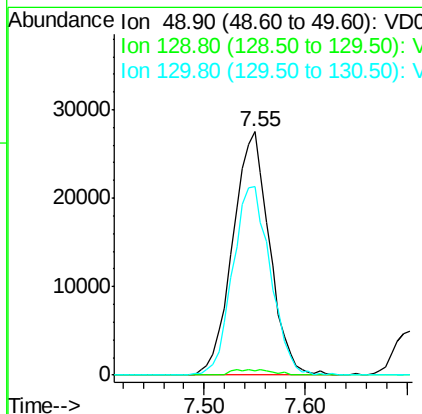
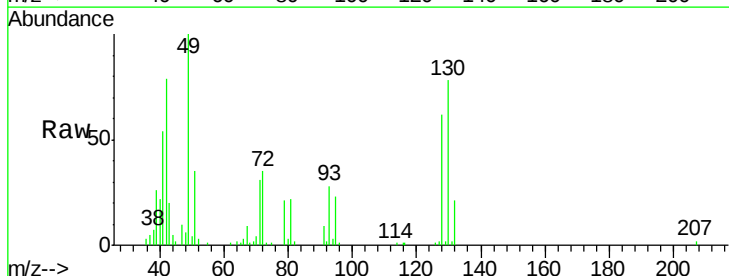
MMDadoda
 9/22/2020 2:09:49 PM

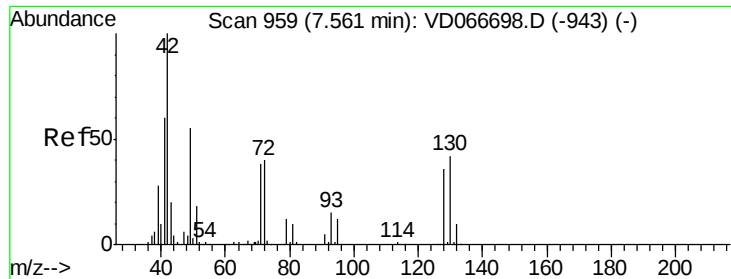


#28

Bromochloromethane
 Concen: 21.278 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	3.8	
130	79.6	58.6	88.0	





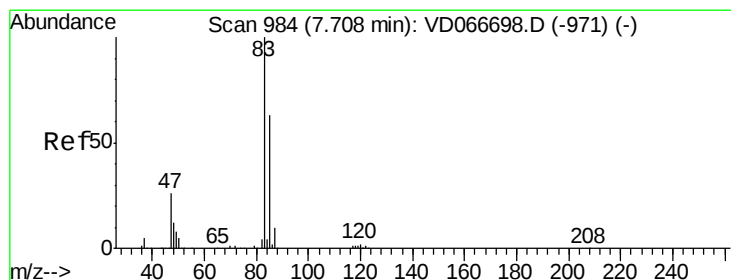
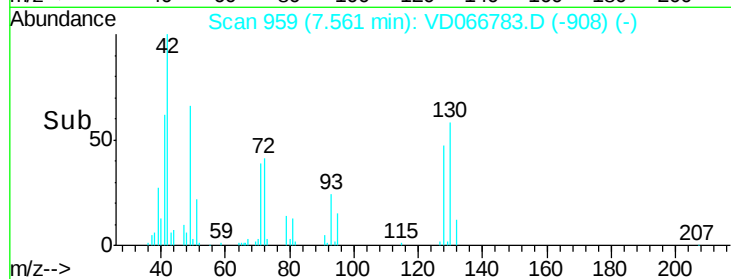
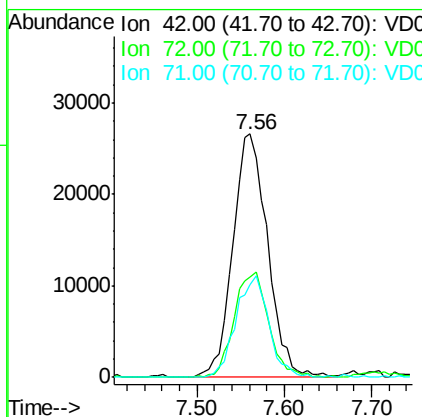
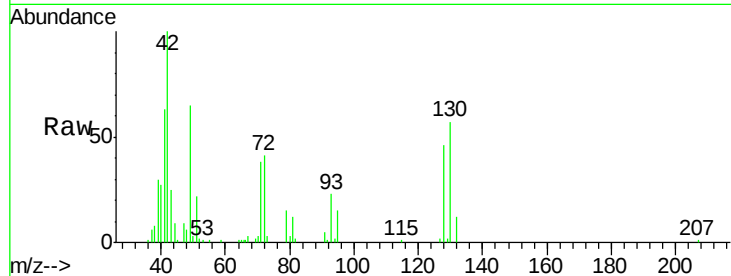
#29
Tetrahydrofuran
Concen: 99.168 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.6	48.8
71	39.2	30.6	45.8

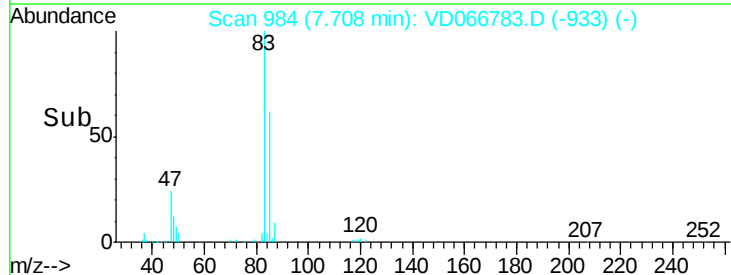
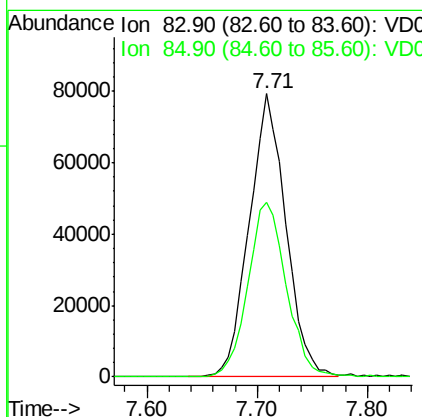
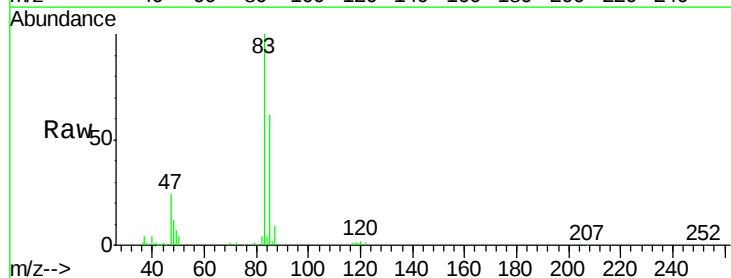
Manual Integrations
APPROVED

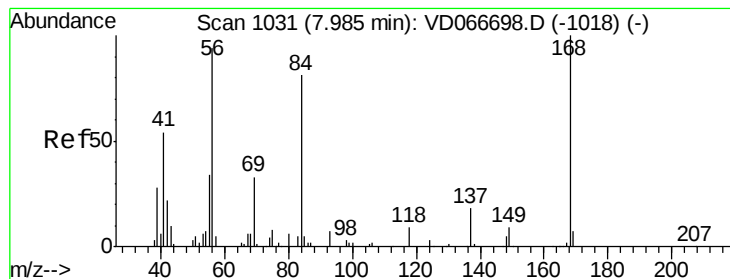
MMDadoda
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#30
Chloroform
Concen: 20.043 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.6	76.0





#31

Cyclohexane

Concen: 18.401 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

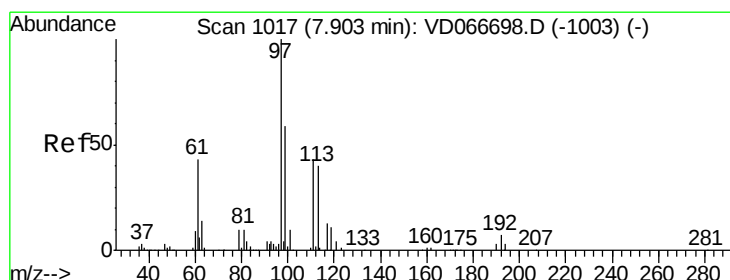
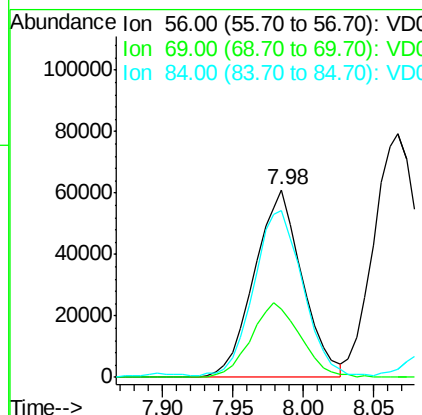
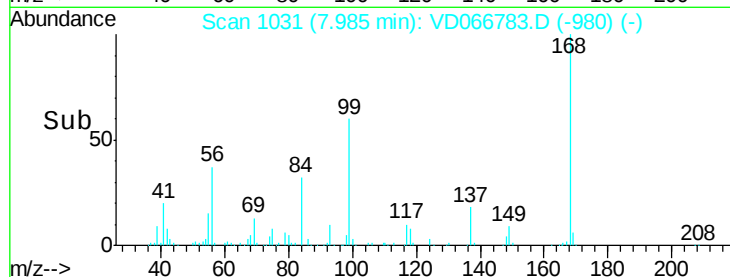
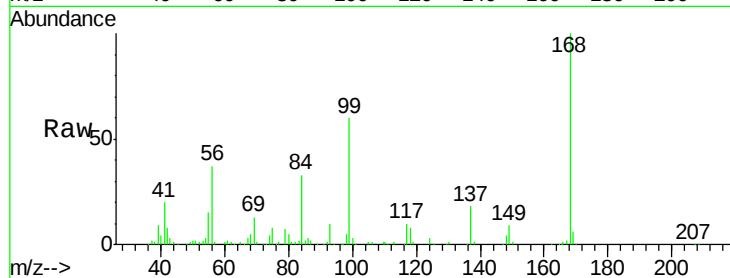
ClientSampleID :

VD0921SBS01

Tot Ion:	56	Resp:	145167
Ion Ratio	Lower	Upper	
56	100		
69	36.2	27.7	41.5
84	88.1	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.972 ug/l

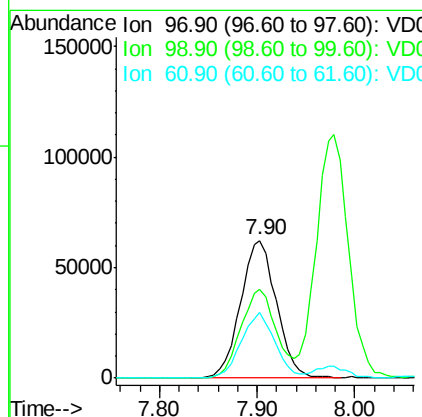
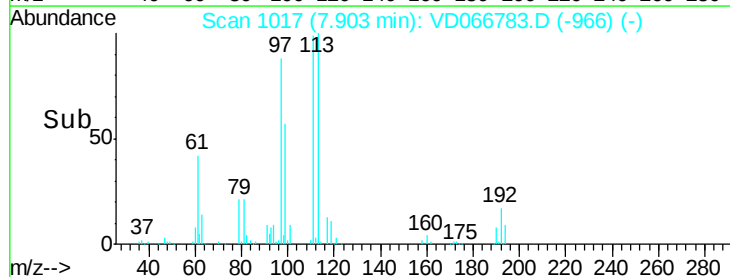
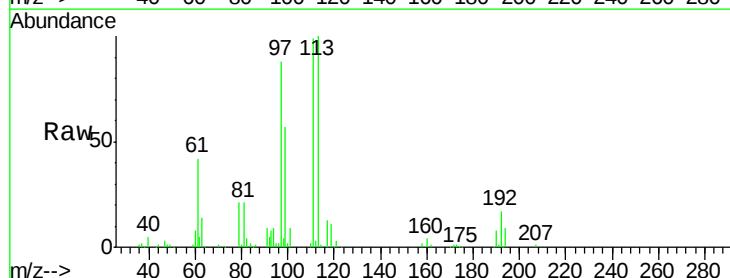
RT: 7.90 min Scan# 1017

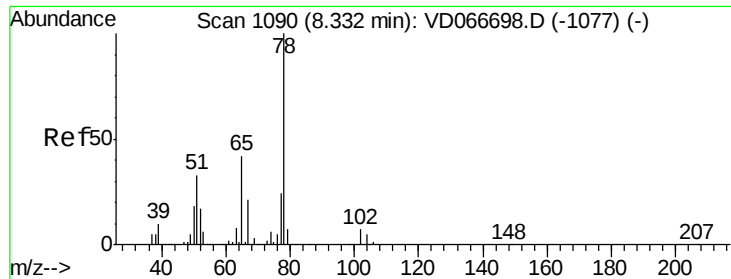
Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	97	Resp:	160250
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.0	76.4
61	44.7	35.2	52.8





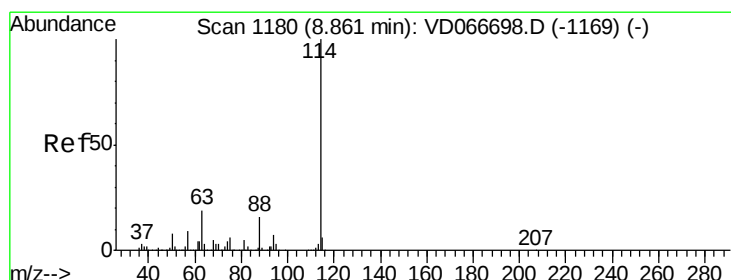
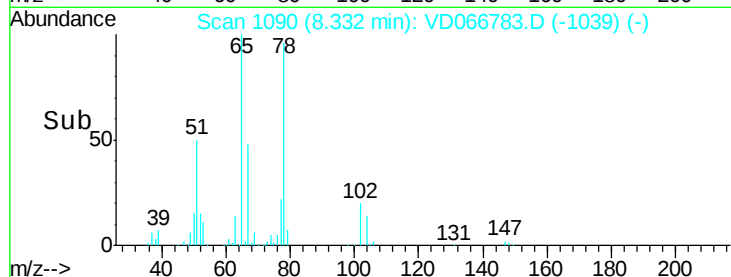
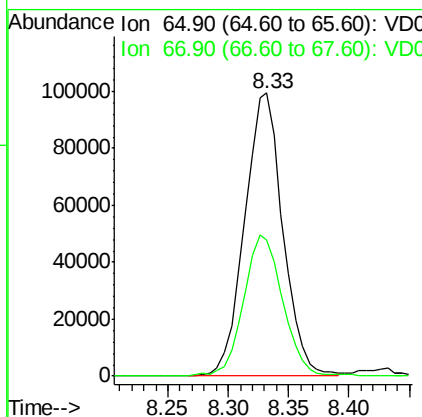
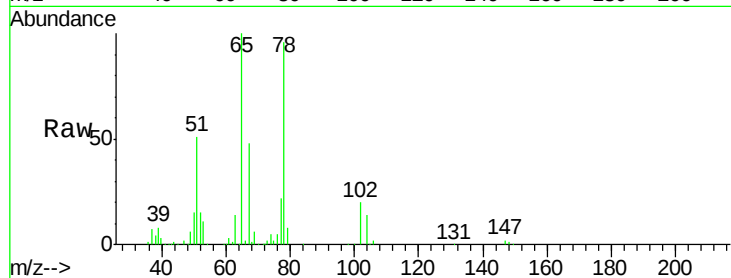
#33
 1,2-Dichloroethane-d4
 Concen: 48.962 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218670		
67	51.0	0.0	102.2	

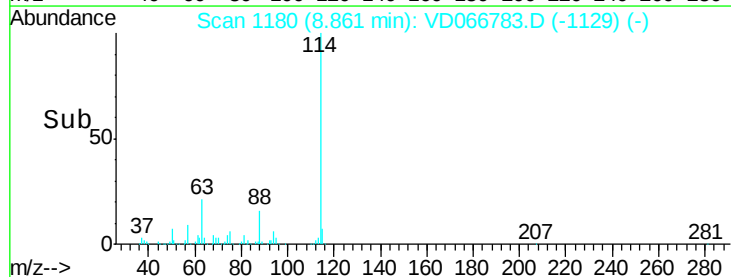
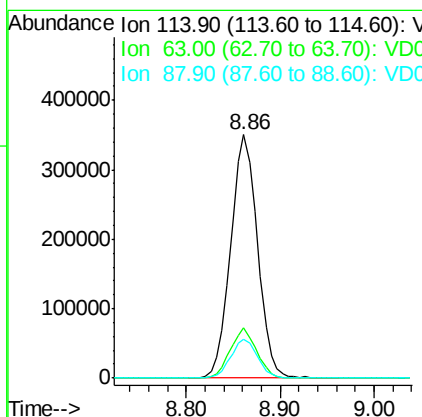
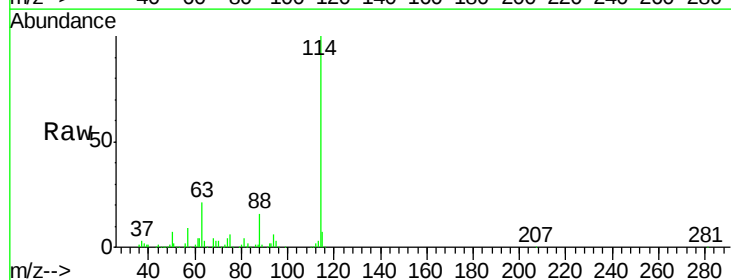
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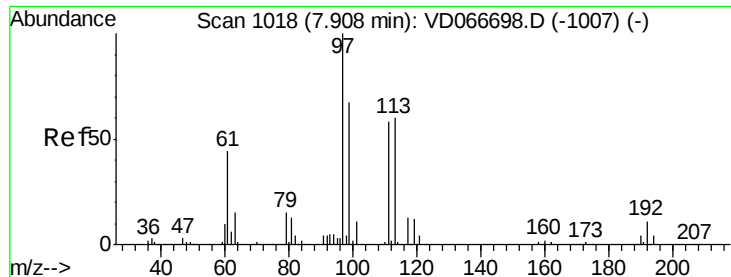
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	696444		
63	20.6	0.0	37.6	
88	15.7	0.0	32.2	





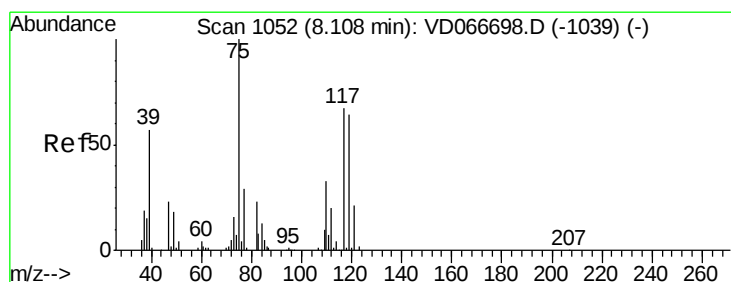
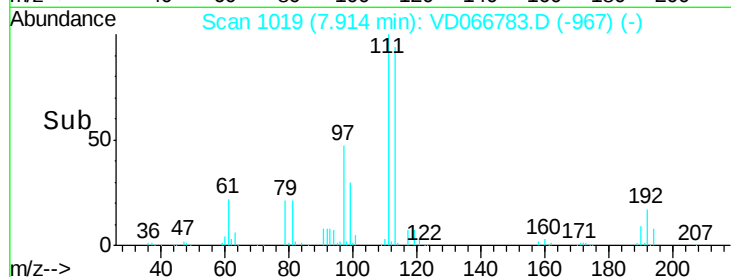
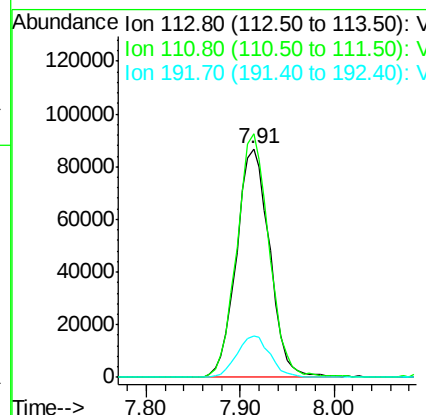
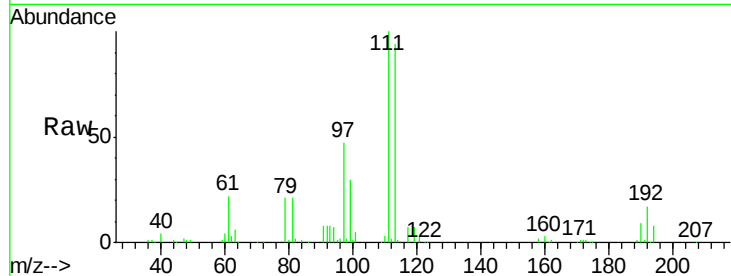
#35
 Dibromofluoromethane
 Concen: 50.042 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213671		
111	103.5	83.2	124.8	
192	17.9	14.8	22.2	

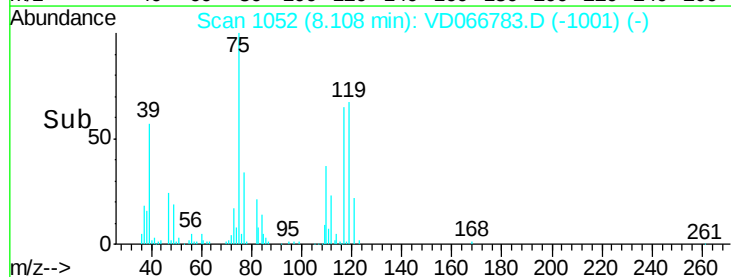
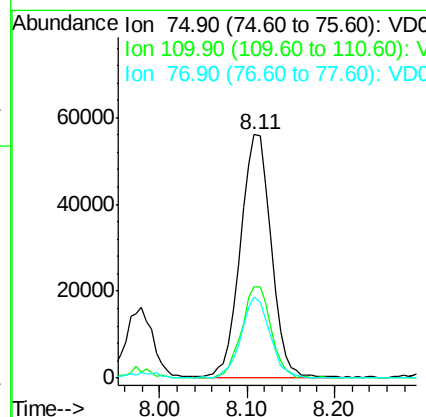
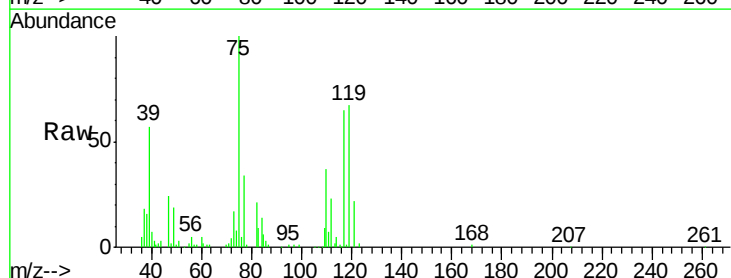
Manual Integrations
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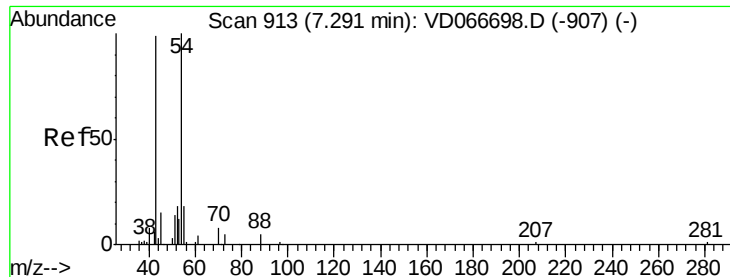
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 18.549 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132816		
110	36.1	17.1	51.2	
77	31.6	25.0	37.6	





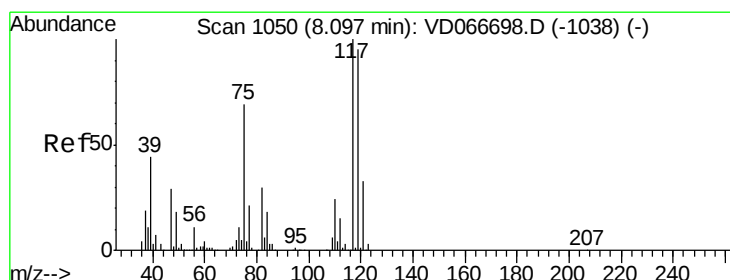
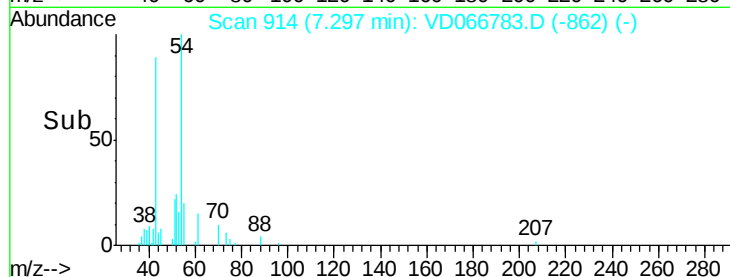
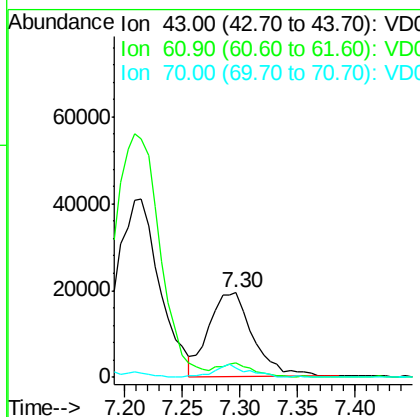
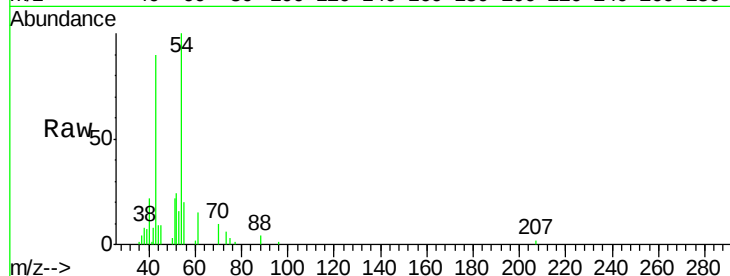
#37
Ethyl Acetate
Concen: 19.066 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	11.6	7.5	11.3

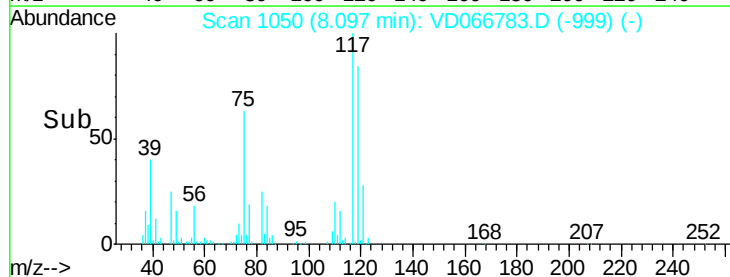
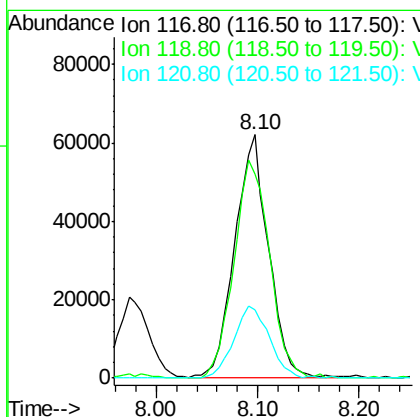
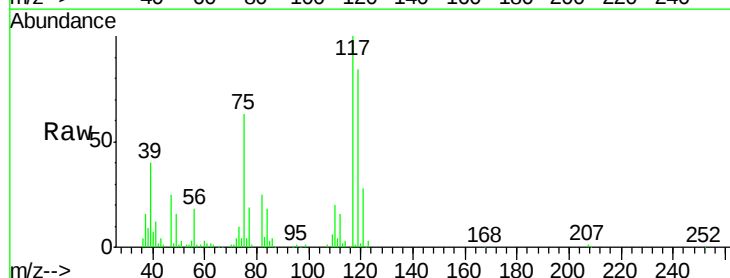
Manual Integrations
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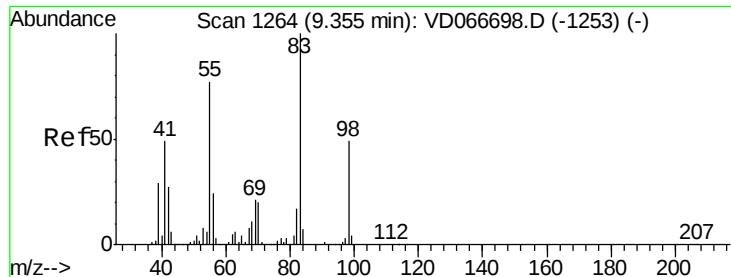
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#38
Carbon Tetrachloride
Concen: 18.672 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.2	75.8	113.6
121	28.4	26.2	39.4





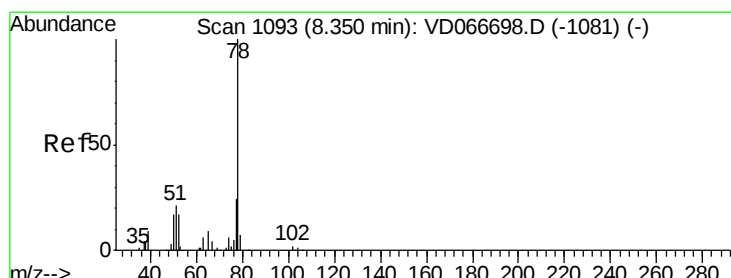
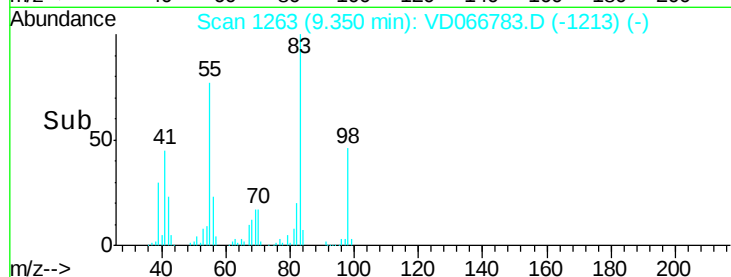
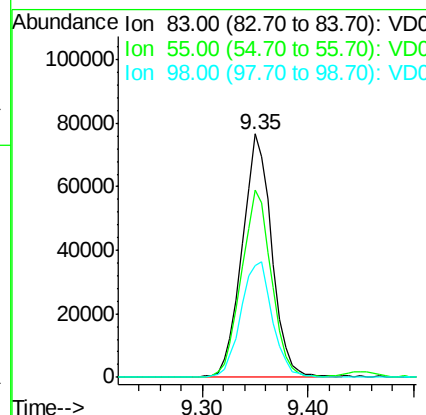
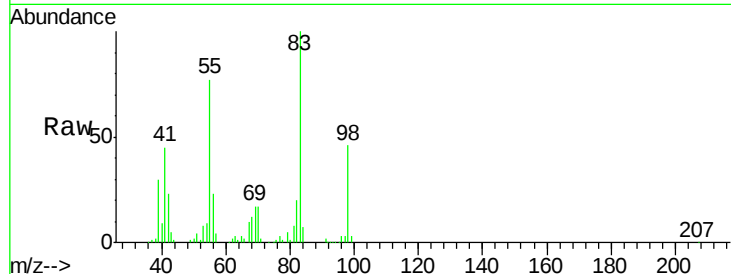
#39
Methvlcvclohexane
Concen: 18.152 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.5	92.3
98	46.0	39.3	58.9

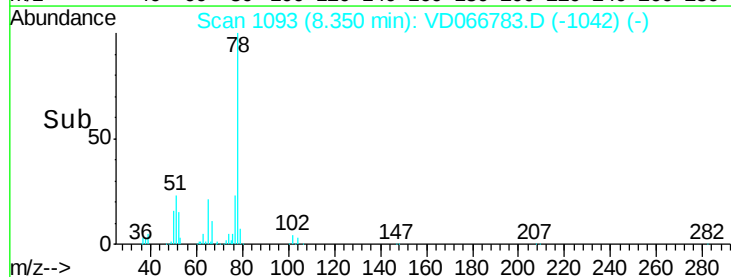
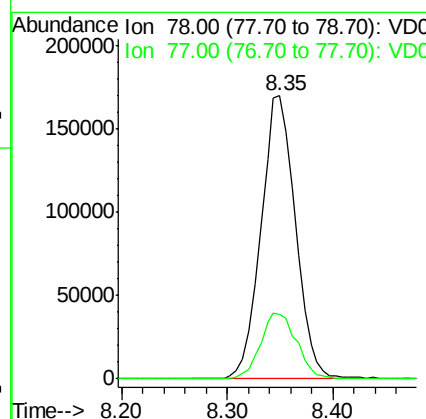
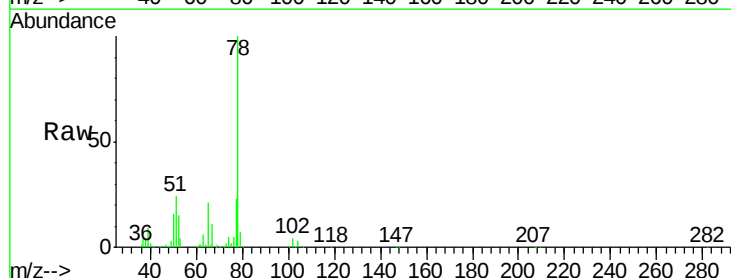
Manual Integrations
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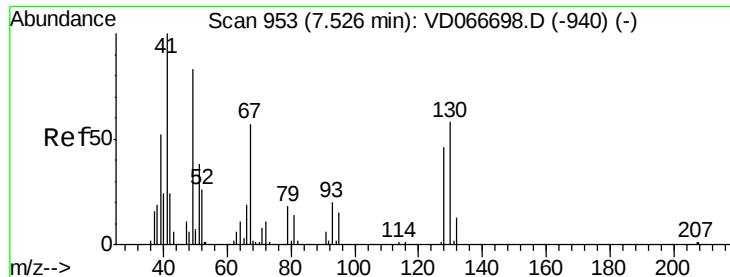
MMDadoda
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#40
Benzene
Concen: 19.829 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





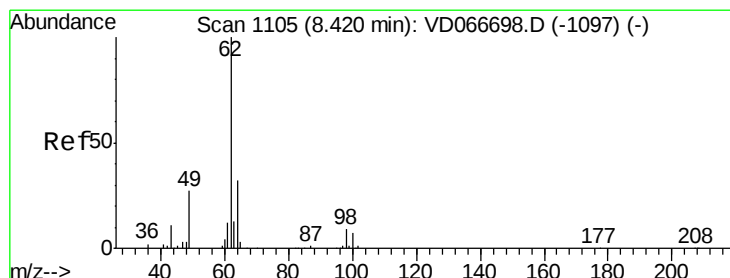
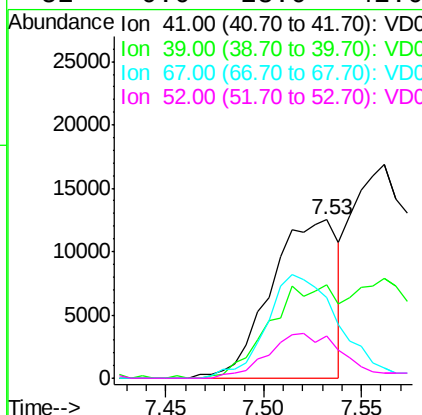
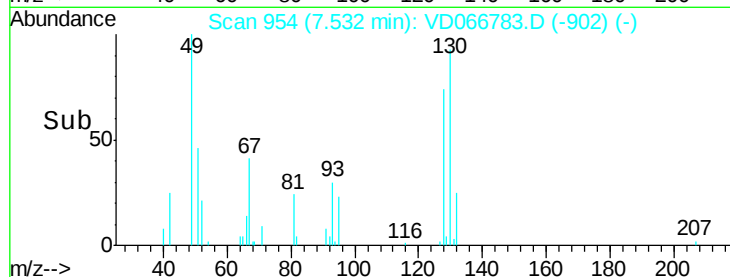
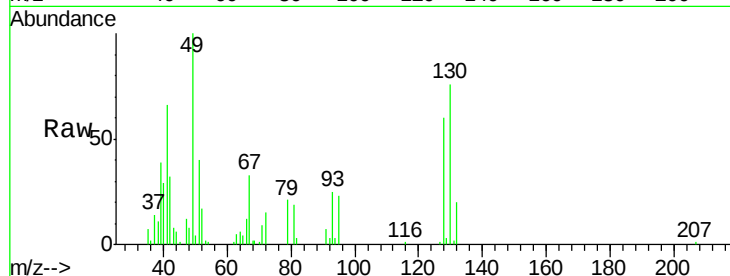
#41
Methacrylonitrile
Concen: 20.840 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	29907		
39	0.0	59.3	88.9#	
67	0.0	62.3	93.5#	
52	0.0	28.0	42.0#	

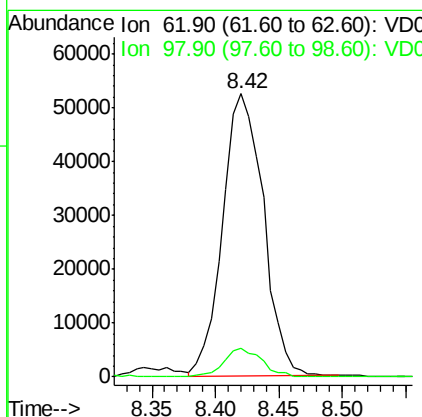
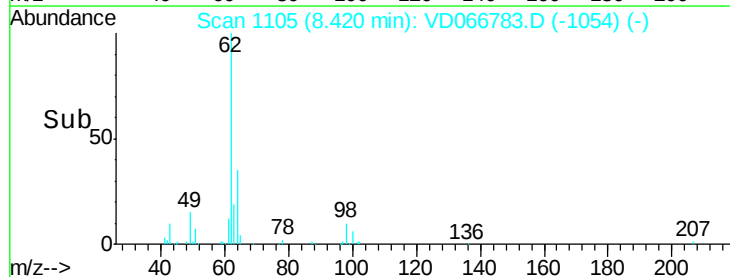
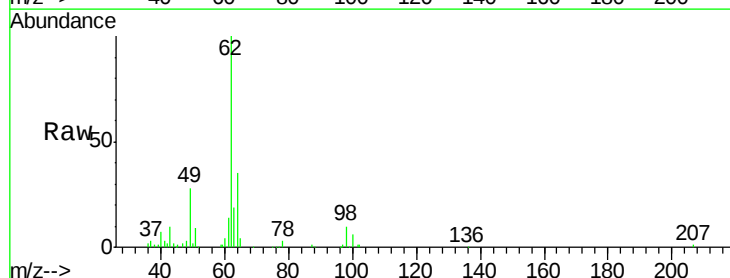
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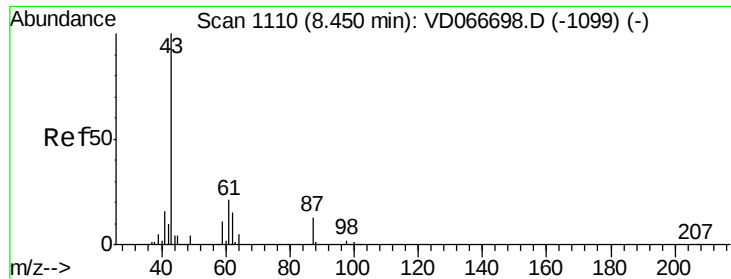
MMDadoda
9/22/2020 2:09:49 PM



#42
1,2-Dichloroethane
Concen: 19.462 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	116803		
98	9.4	0.0	17.6	





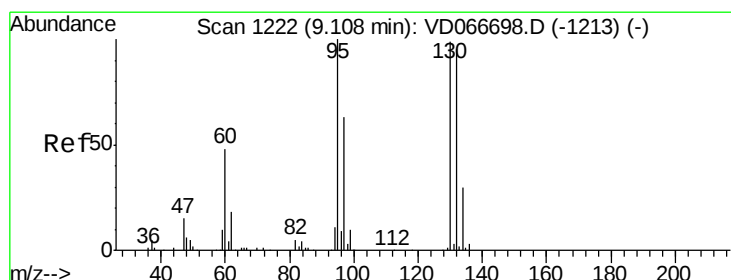
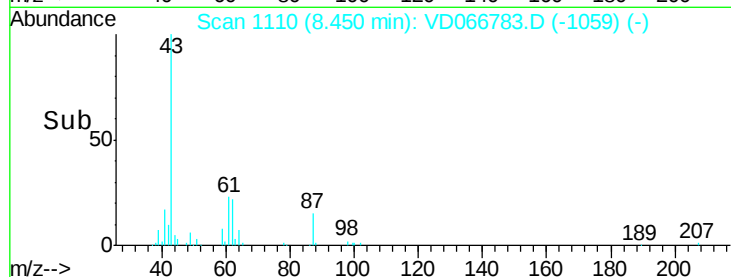
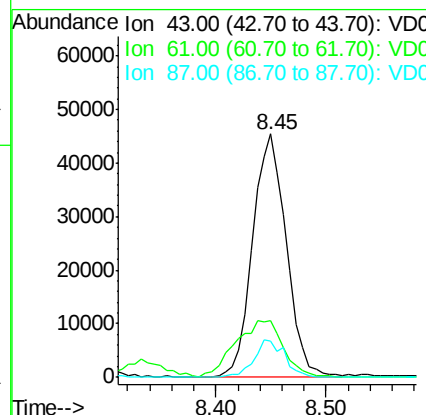
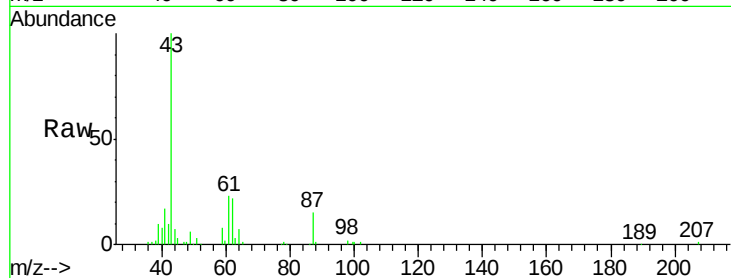
#43
Isopropyl Acetate
Concen: 19.102 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.3	24.8	37.2
87	14.1	10.4	15.6

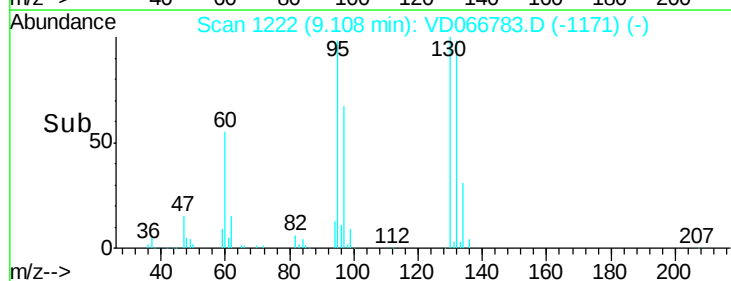
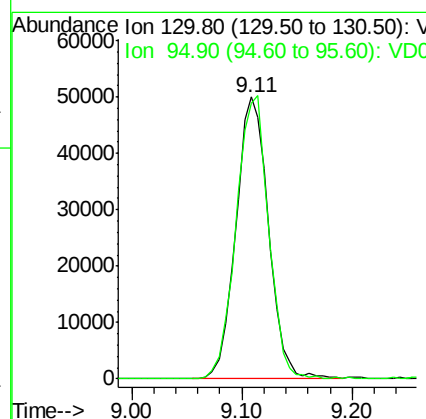
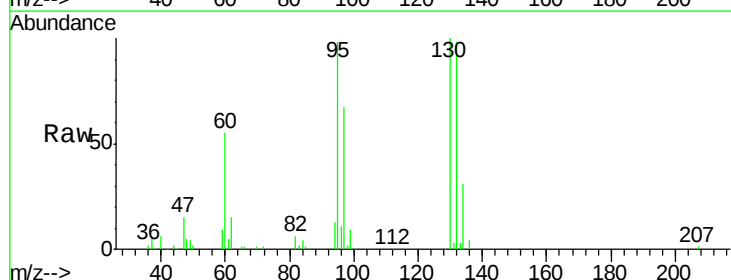
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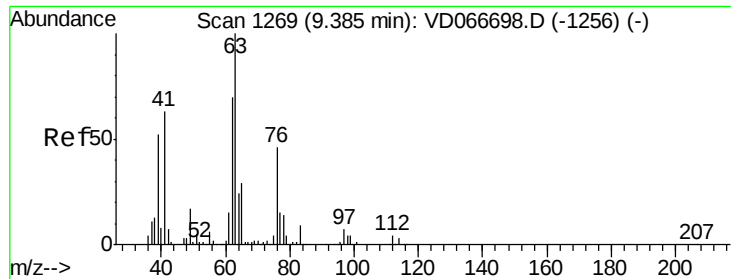
MMDadoda
9/22/2020 2:09:49 PM



#44
Trichloroethene
Concen: 20.003 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	201.4





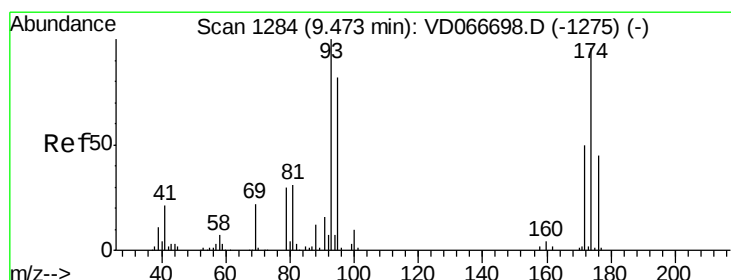
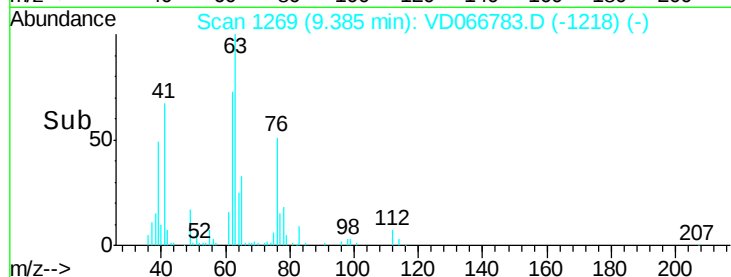
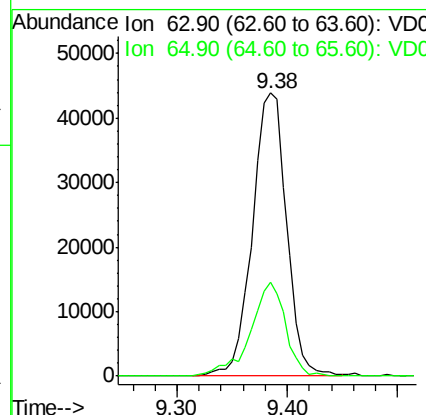
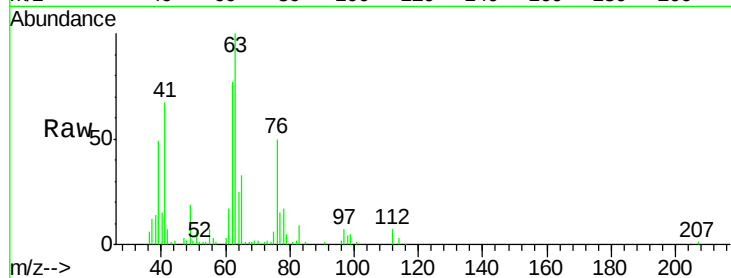
#45
 1,2-Dichloropropane
 Concen: 19.935 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBSD01

Tot Ion: 63 Resp: 95471
 Ion Ratio Lower Upper
 63 100
 65 33.1 23.4 35.0

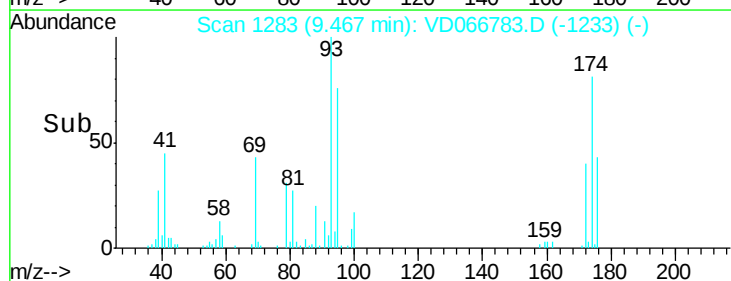
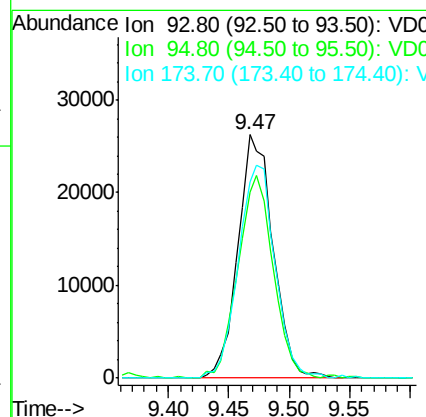
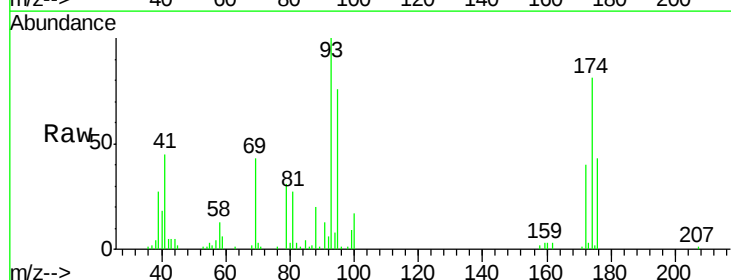
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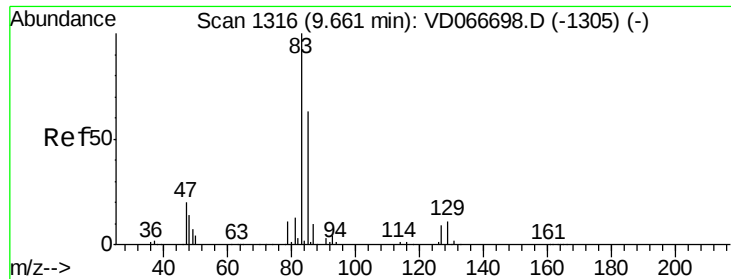
MMDadoda
 9/22/2020 2:09:49 PM



#46
 Dibromomethane
 Concen: 20.169 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion: 93 Resp: 53078
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 91.7 72.3 108.5





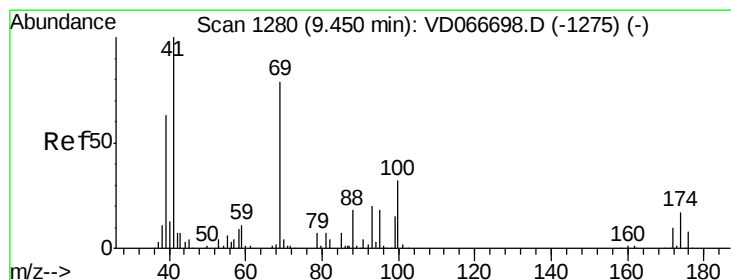
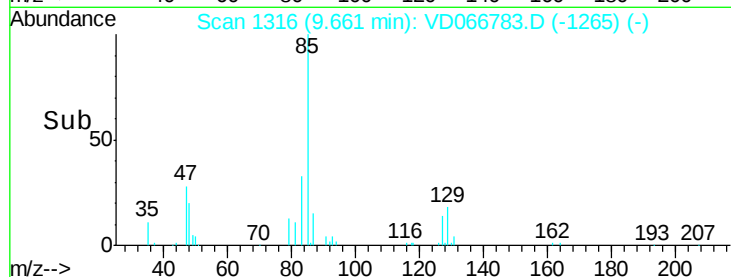
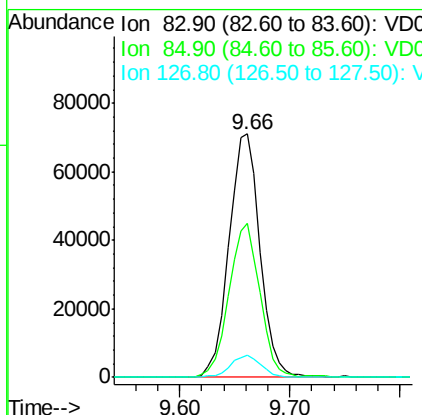
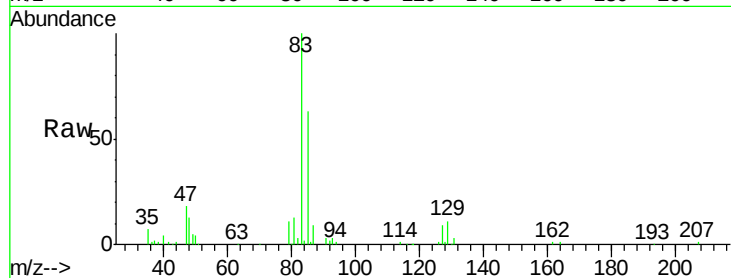
#47
Bromodichloromethane
Concen: 19.504 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139864		
85	63.3	50.1	75.1	
127	9.1	6.9	10.3	

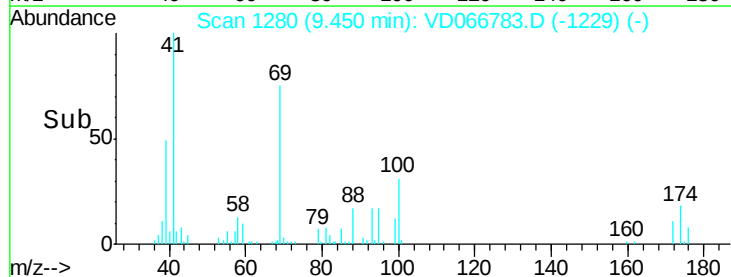
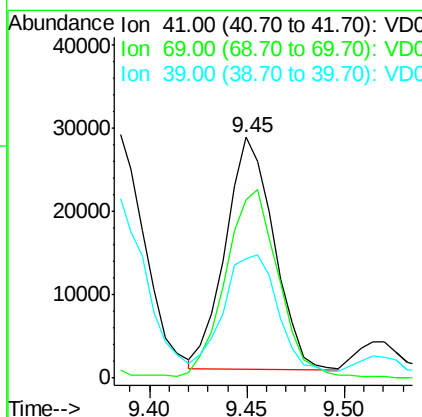
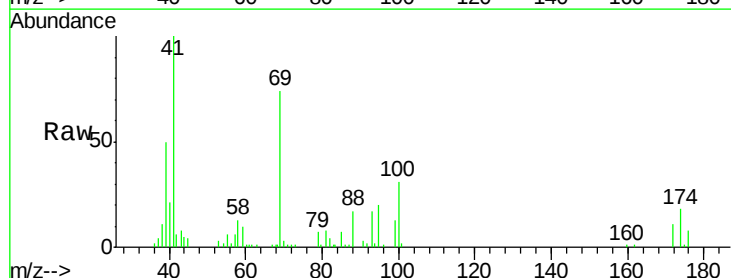
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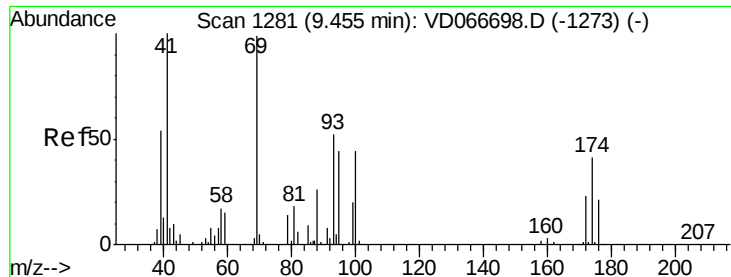
MMDadoda
9/22/2020 2:09:49 PM



#48
Methyl methacrylate
Concen: 18.321 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	47549		
69	90.3	62.4	93.6	
39	56.5	44.8	67.2	





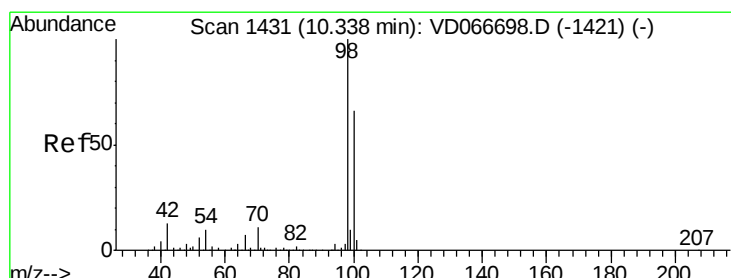
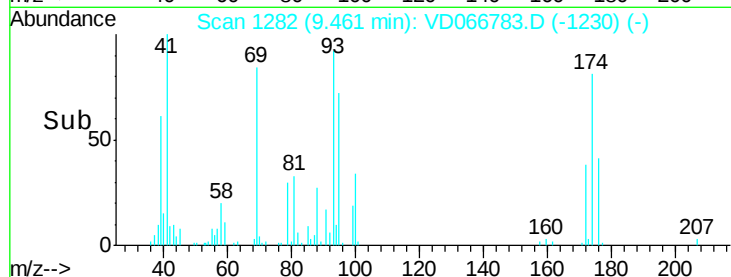
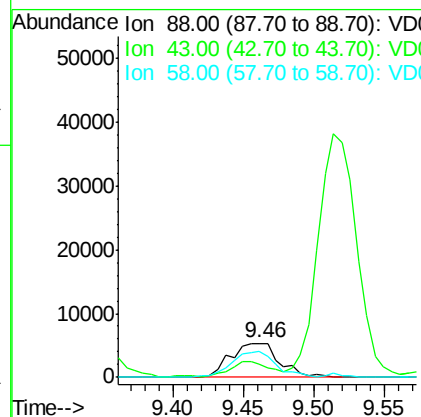
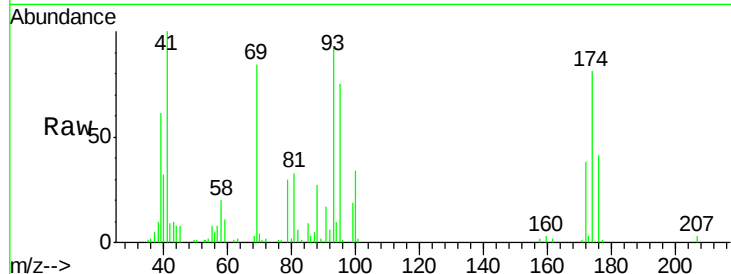
#49
1,4-Dioxane
Concen: 465.382 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	88	Resp	13119
Ion Ratio	Lower	Upper	
88	100		
43	36.4	29.3	43.9
58	68.3	51.4	77.2

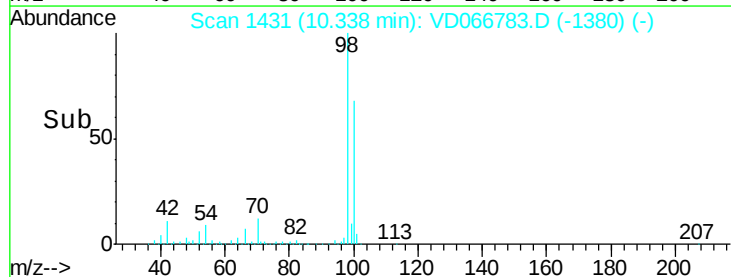
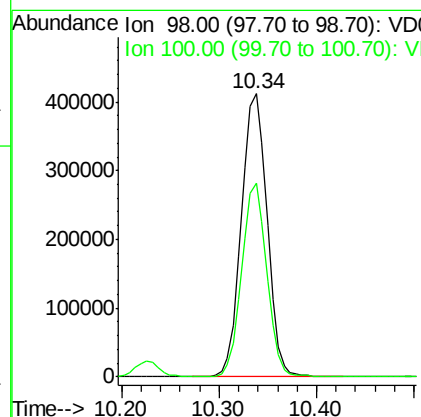
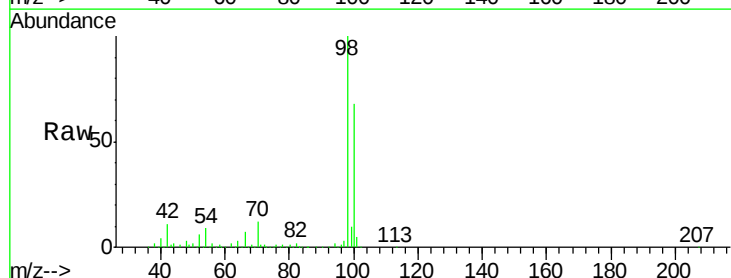
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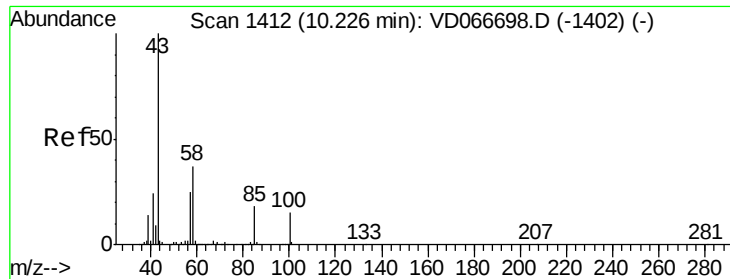
MMDadoda
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#50
Toluene-d8
Concen: 50.029 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	98	Resp	761069
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.7	79.1





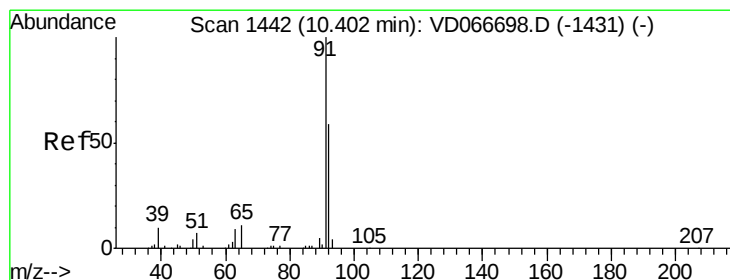
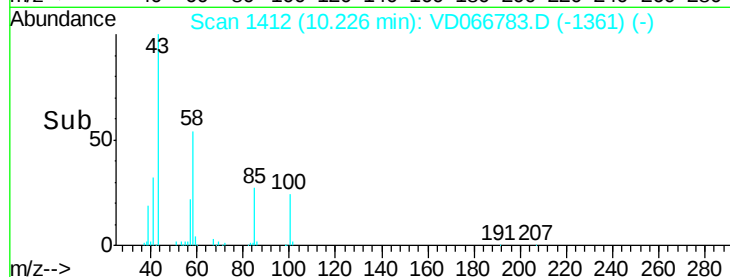
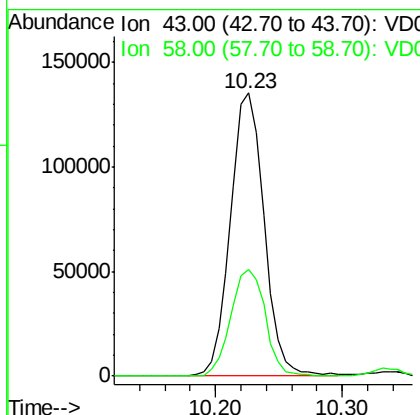
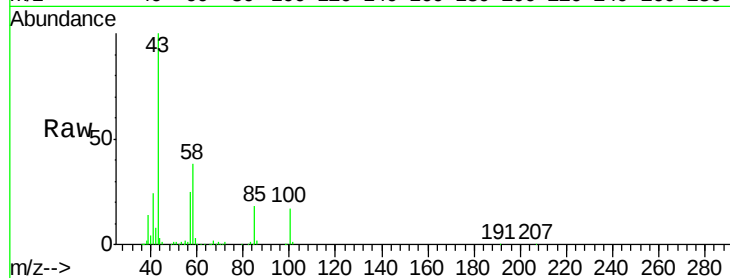
#51
 4-Methyl-2-Pentanone
 Concen: 94.857 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.4	45.6

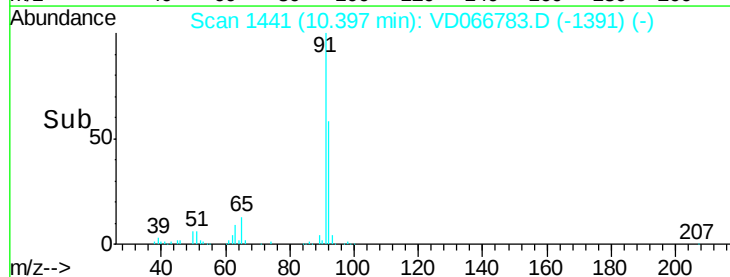
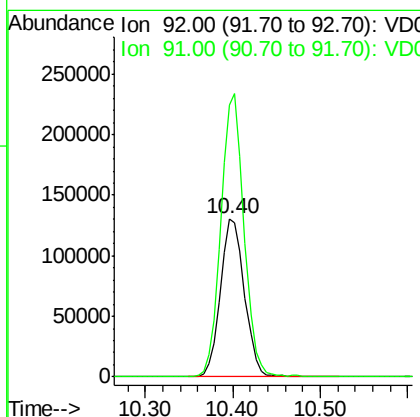
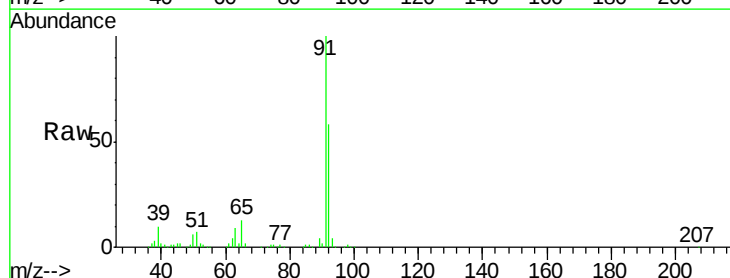
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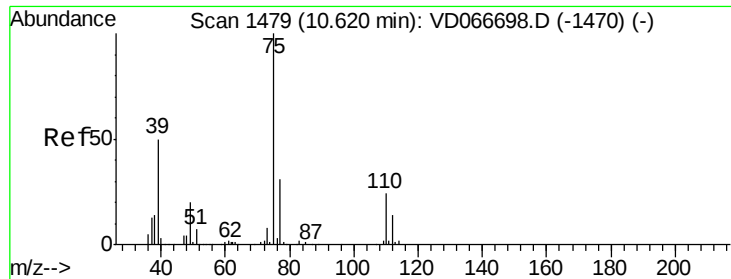
MMDadoda
 9/22/2020 2:09:49 PM



#52
 Toluene
 Concen: 19.818 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	135.8	203.8





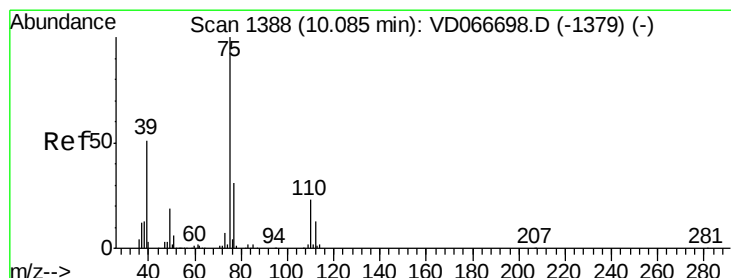
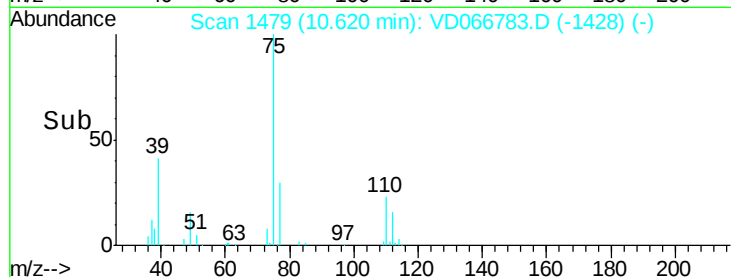
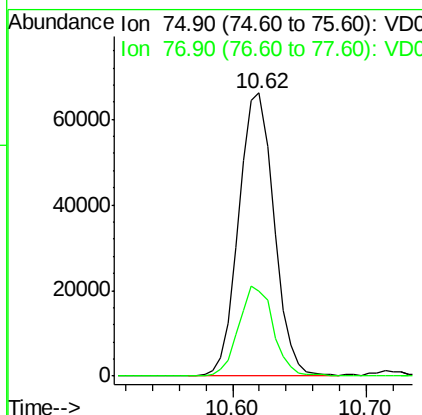
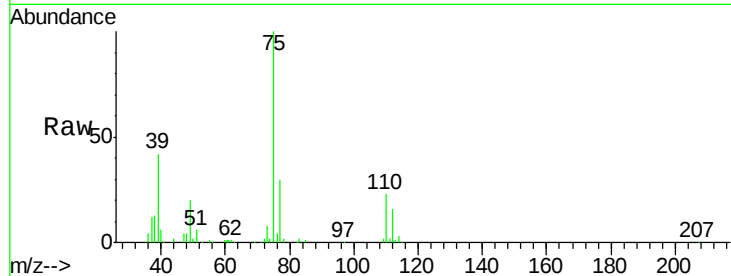
#53
 t-1,3-Dichloropropene
 Concen: 18.948 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion: 75 Resp: 121384
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.6 36.8

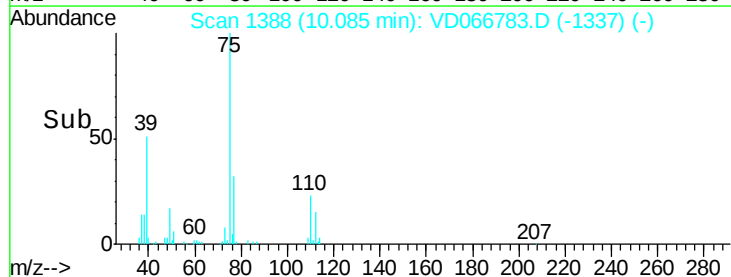
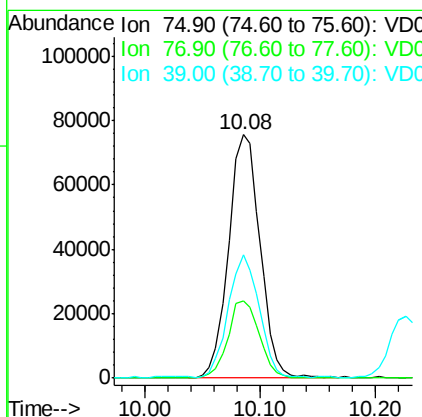
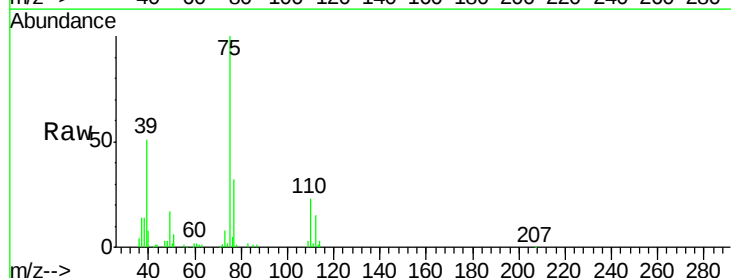
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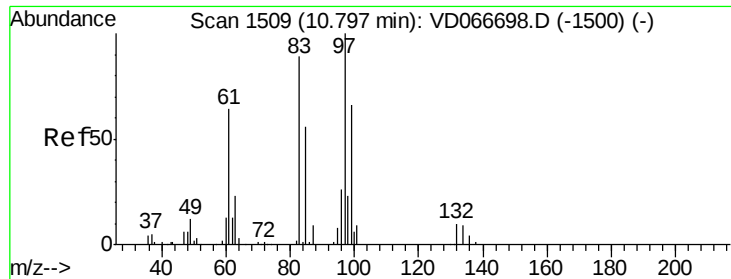
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#54
 cis-1,3-Dichloropropene
 Concen: 18.771 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion: 75 Resp: 142822
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6
 39 50.9 40.6 61.0





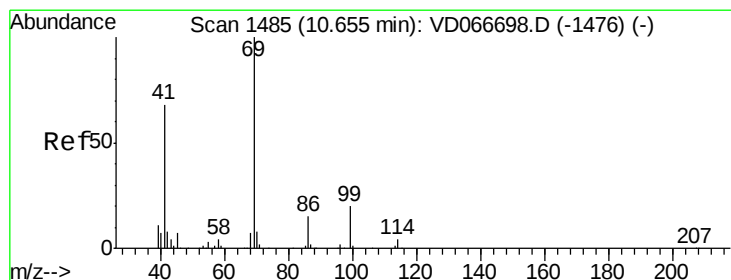
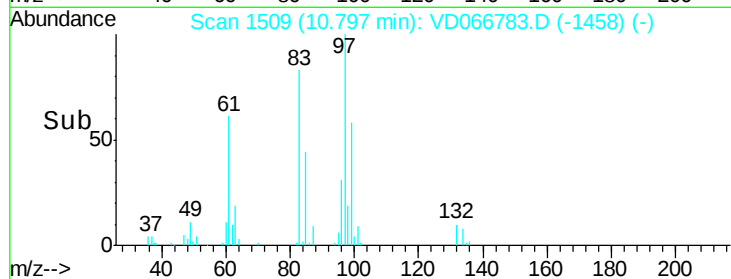
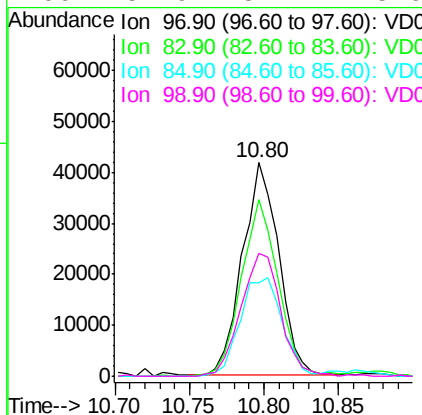
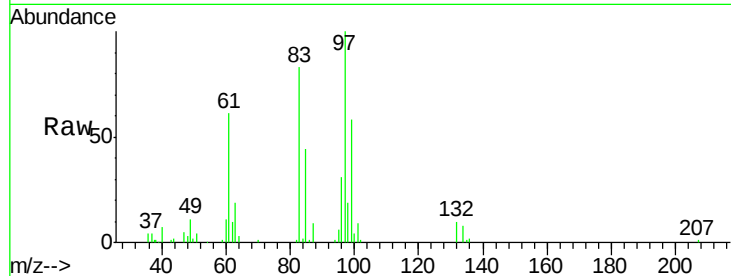
#55
 1,1,2-Trichloroethane
 Concen: 20.287 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.3	71.4	107.2
85	43.7	44.7	67.1#
99	57.9	52.4	78.6

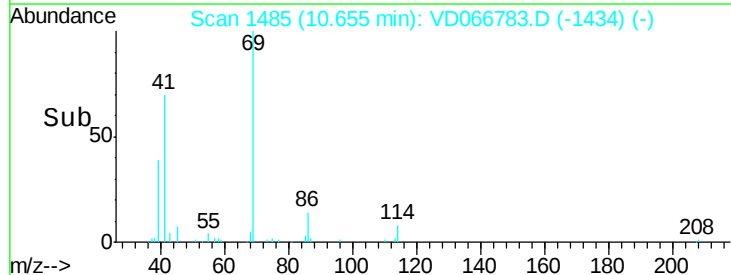
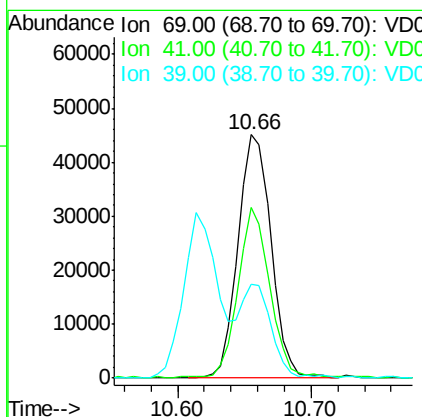
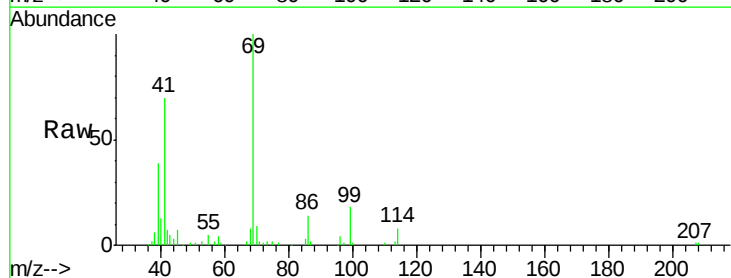
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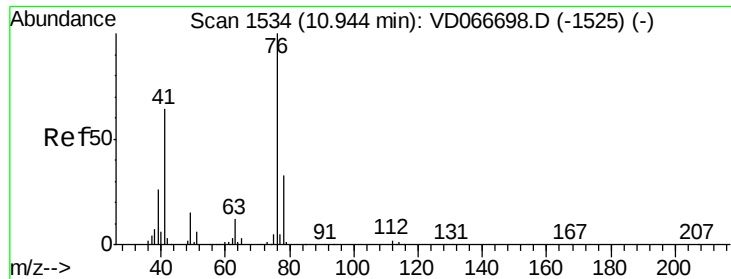
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.726 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.5	83.3
39	33.6	29.7	44.5





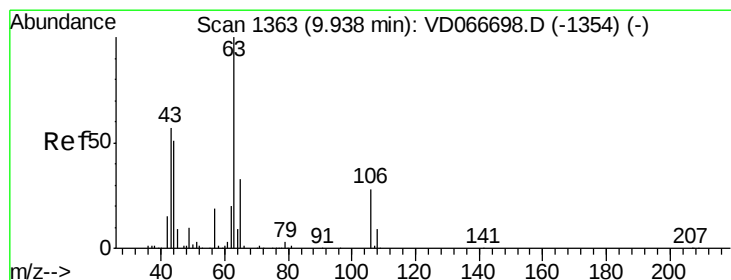
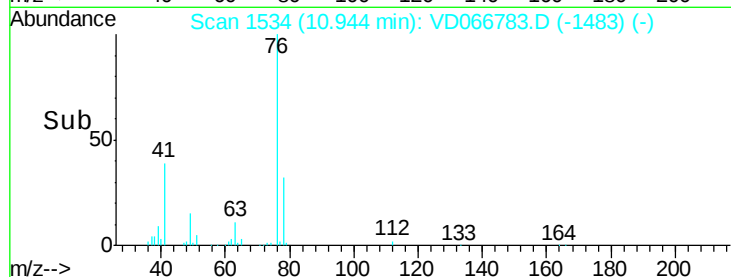
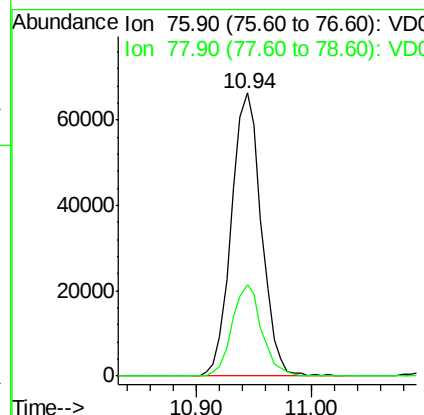
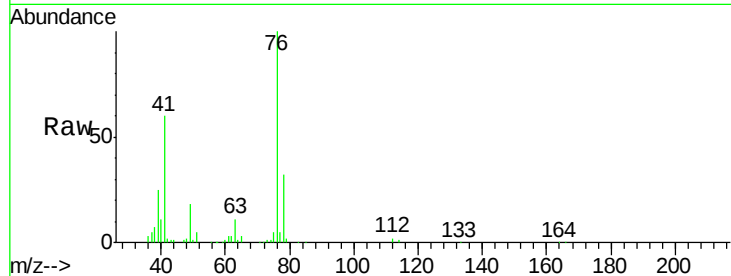
#57
 1,3-Dichloropropane
 Concen: 19.630 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2

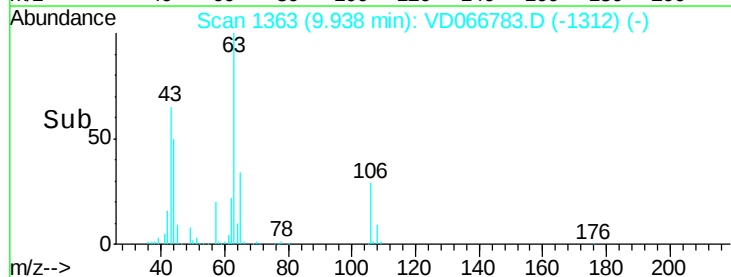
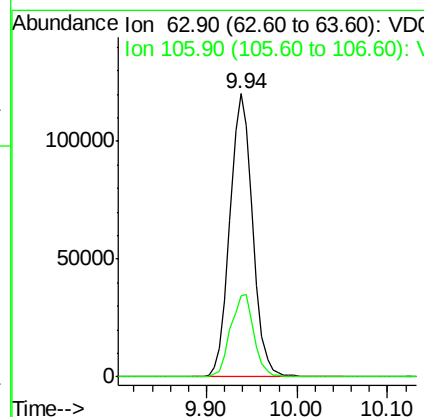
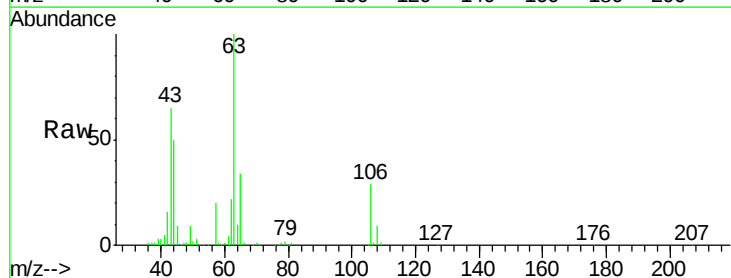
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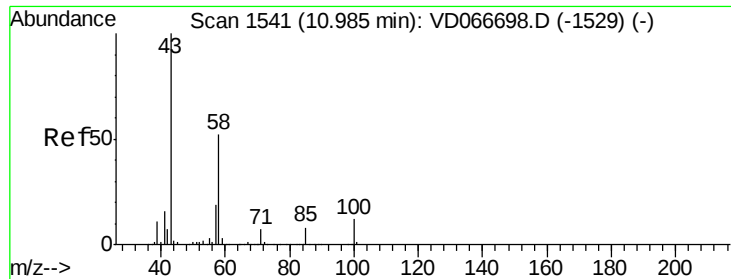
MMDadoda
 9/22/2020 2:09:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.400 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.4





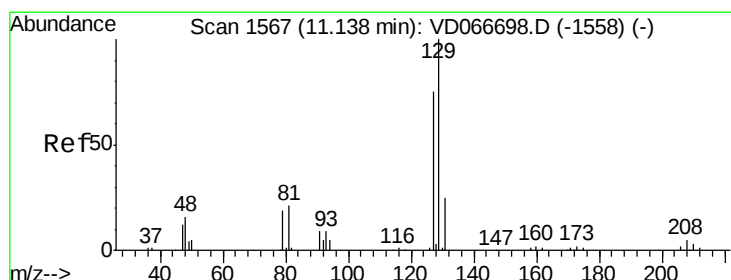
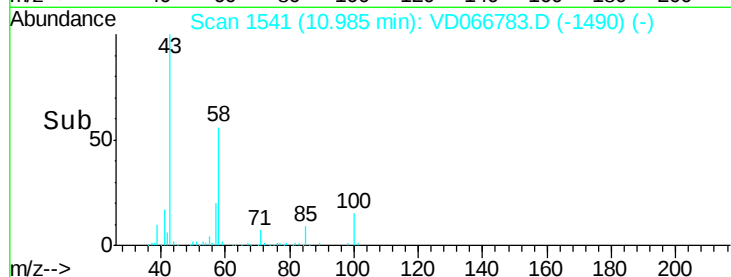
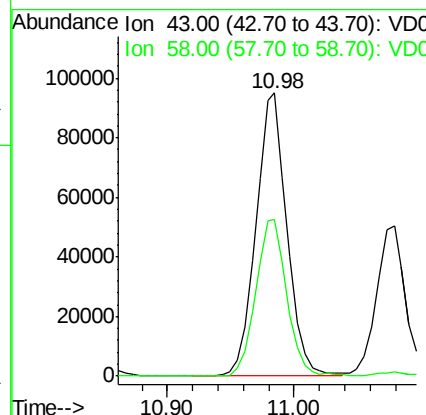
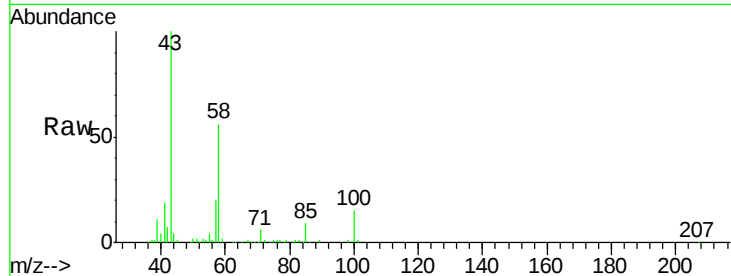
#59
2-Hexanone
Concen: 91.371 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion: 43 Resp: 161269
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.5

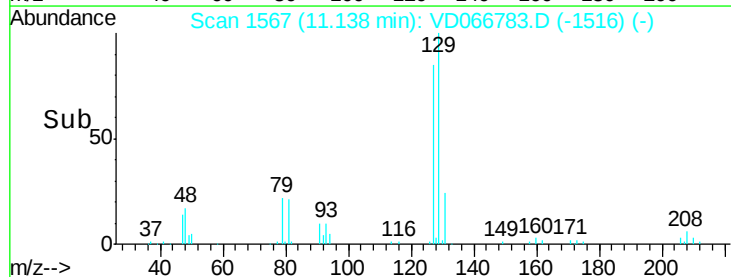
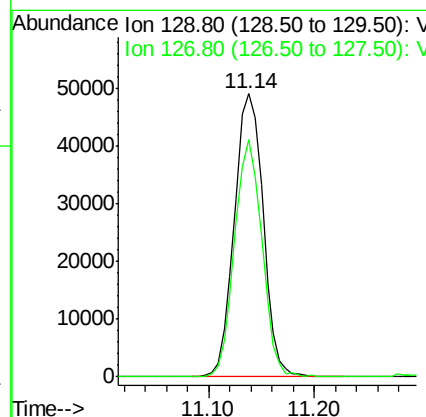
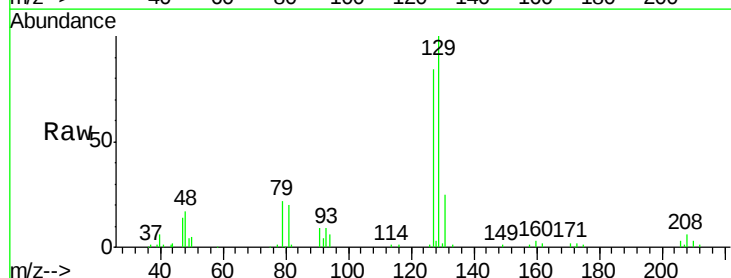
Manual Integrations
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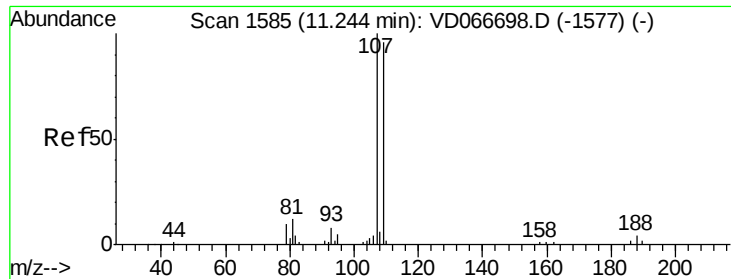
MMDadoda
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#60
Dibromochloromethane
Concen: 20.460 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion: 129 Resp: 92500
Ion Ratio Lower Upper
129 100
127 79.9 38.1 114.3





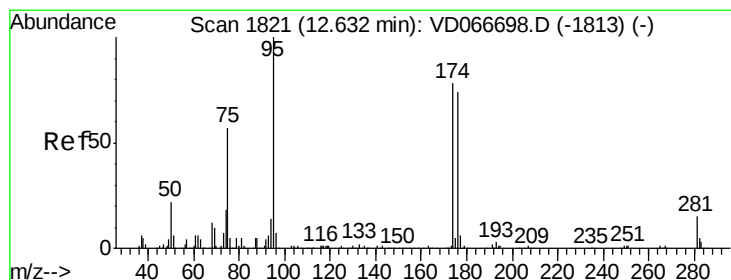
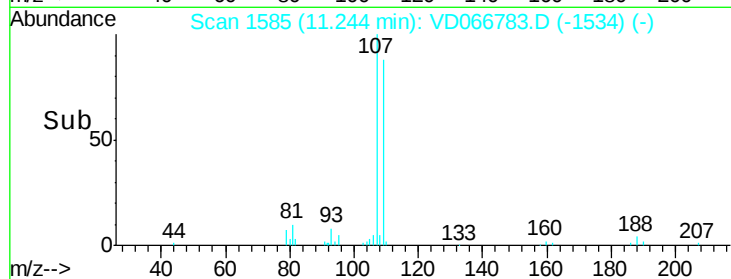
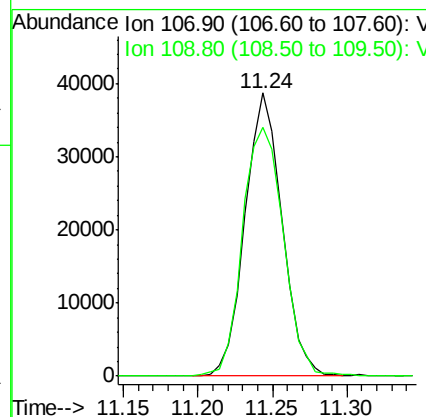
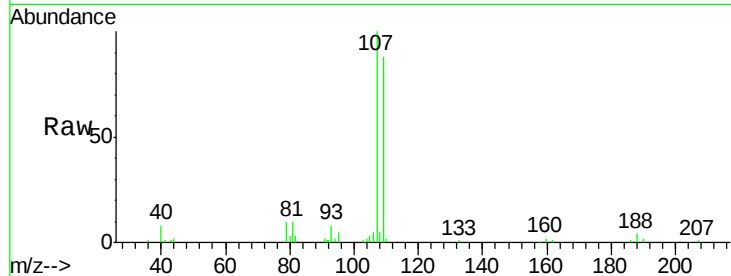
#61
 1,2-Dibromoethane
 Concen: 19.943 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBSD01

Tot Ion: 107 Resp: 66377
 Ion Ratio Lower Upper
 107 100
 109 97.4 75.6 113.4

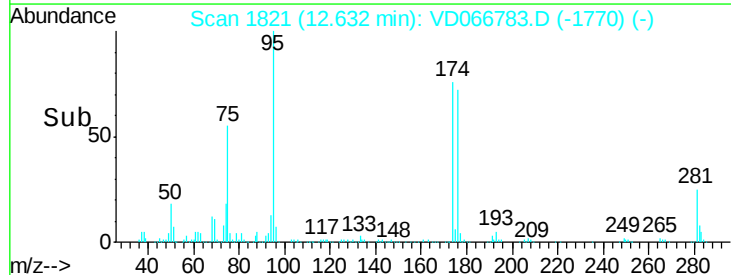
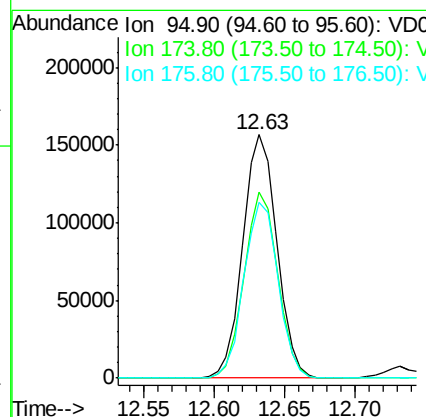
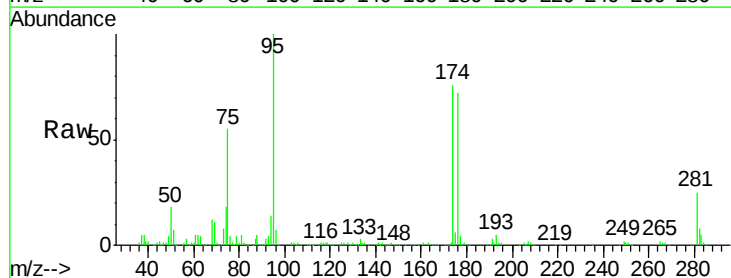
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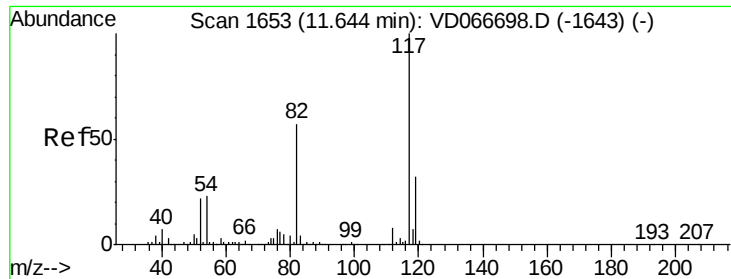
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.596 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion: 95 Resp: 265686
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 156.6
 176 72.7 0.0 150.2





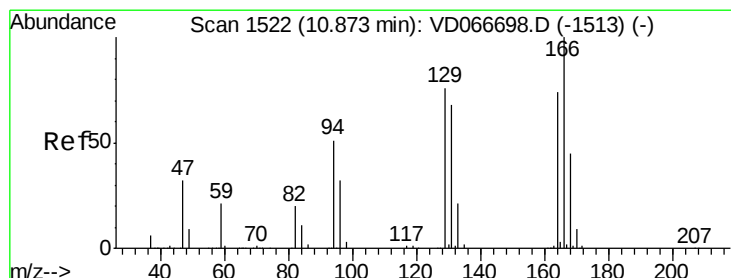
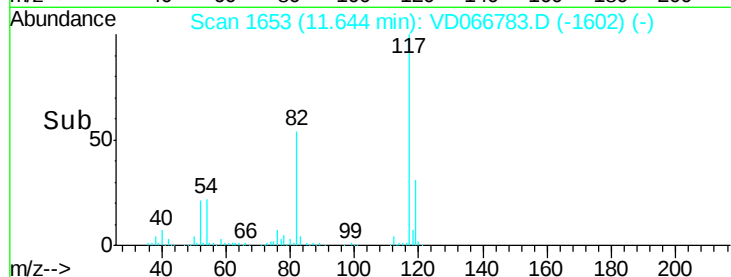
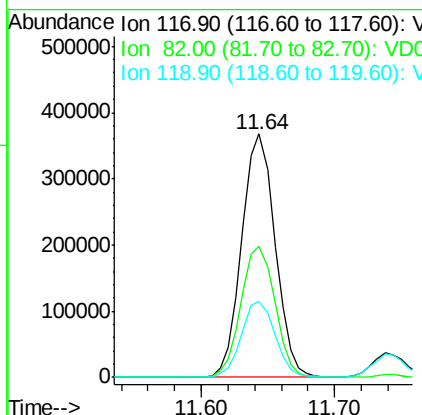
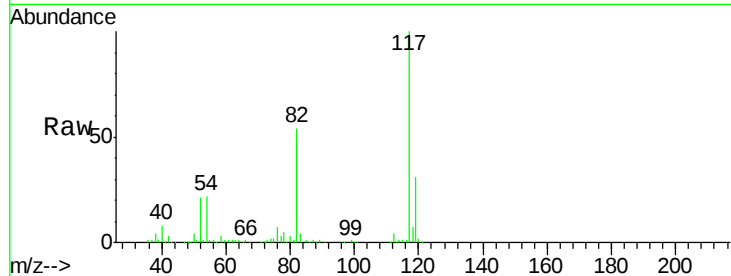
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	637266		
82	54.0		45.4	68.0
119	31.3		25.8	38.6

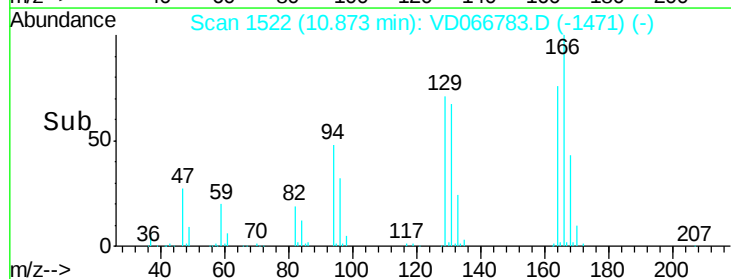
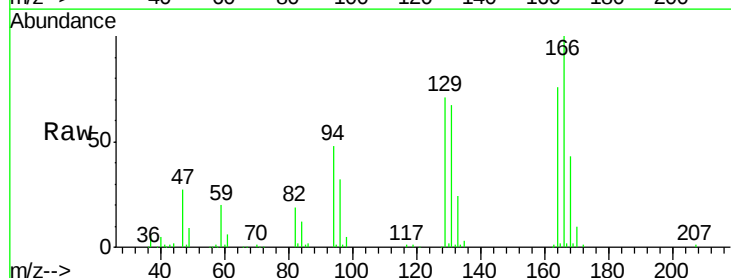
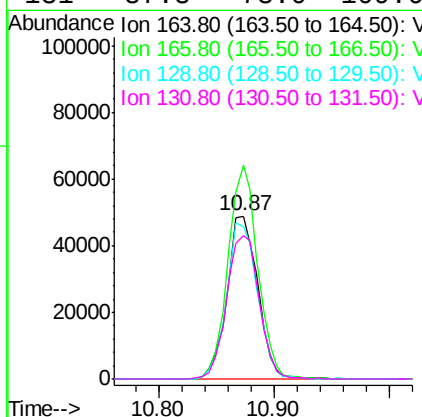
Manual Integrations
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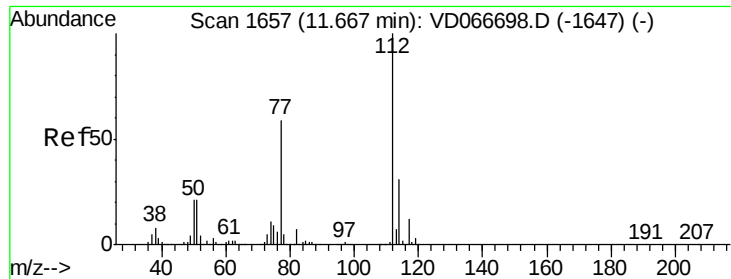
MMDadoda
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#64
Tetrachloroethene
Concen: 20.754 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90286		
166	131.3		107.5	161.3
129	93.4		81.4	122.0
131	87.8		73.0	109.6





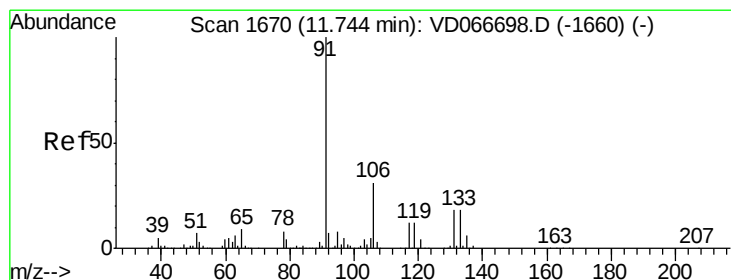
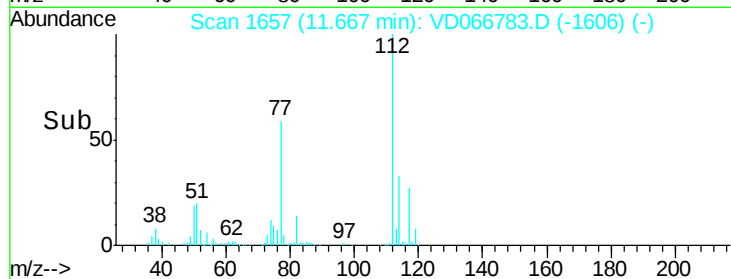
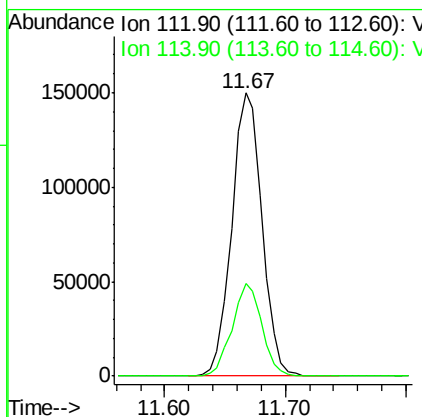
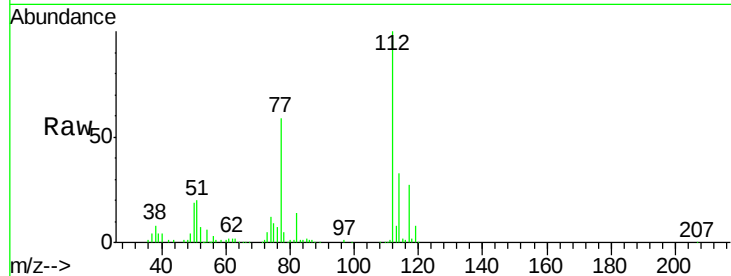
#65
Chlorobenzene
Concen: 19.770 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.0	37.6

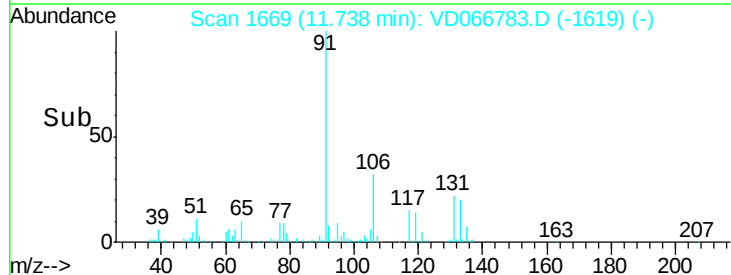
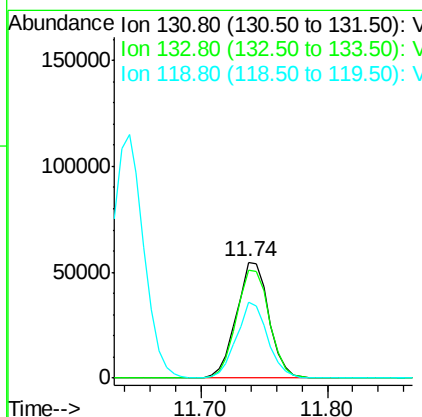
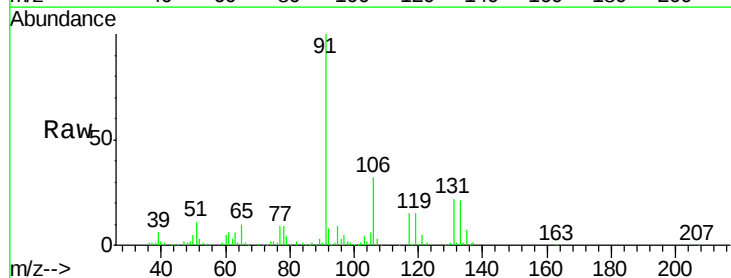
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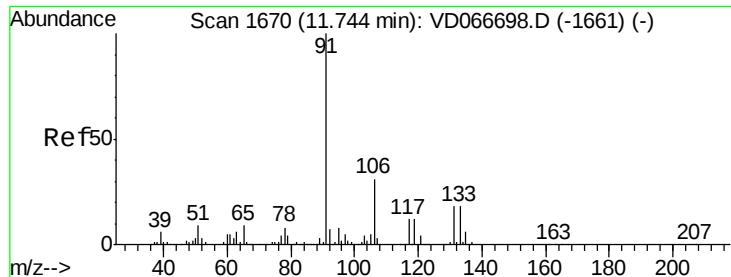
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.992 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.8	143.3
119	62.9	33.6	100.8





#67

Ethyl Benzene

Concen: 19.294 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 91 Resp: 461107

Ion Ratio Lower Upper

91 100

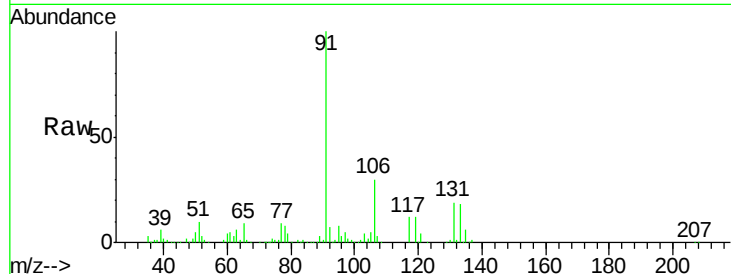
106 29.8 25.1 37.7

Manual Integrations

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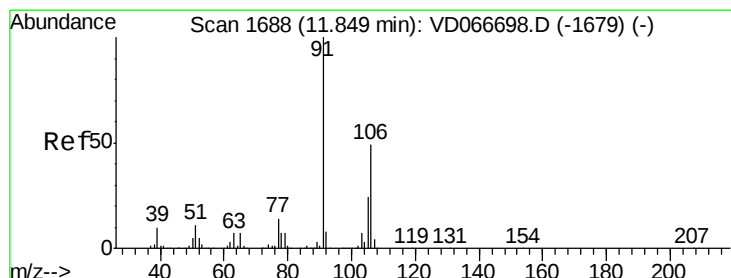
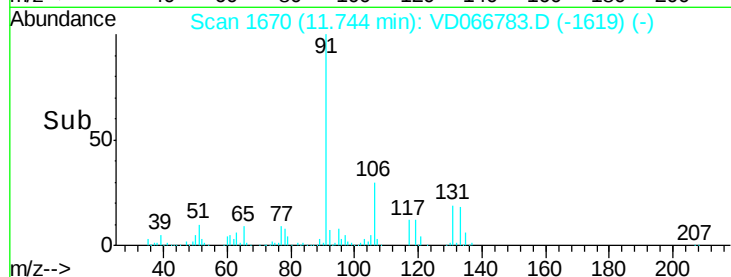
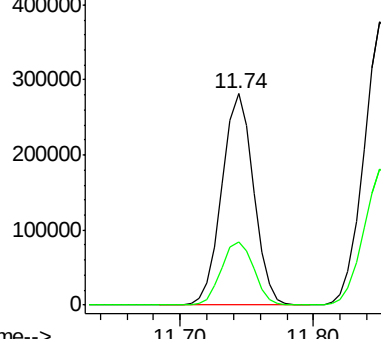
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.471 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066783.D

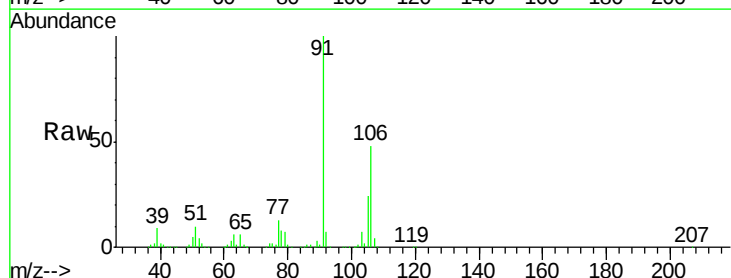
Acq: 21 Sep 2020 15:26

Tgt Ion: 106 Resp: 347489

Ion Ratio Lower Upper

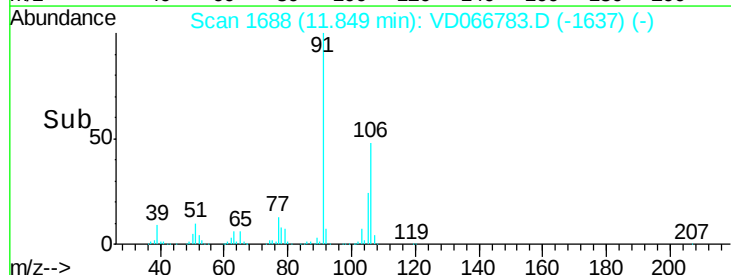
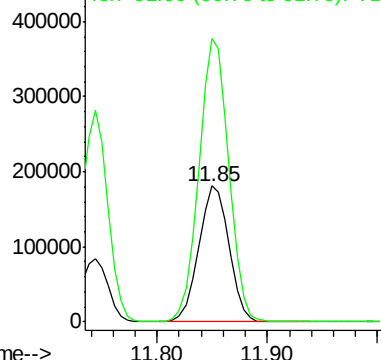
106 100

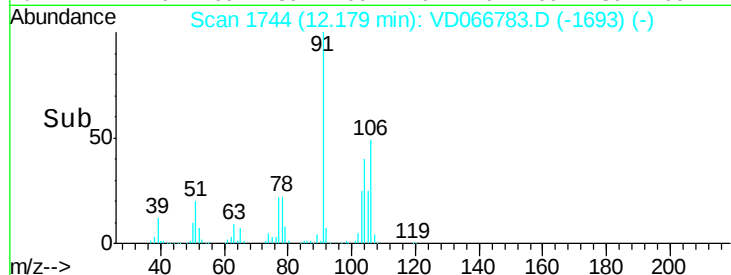
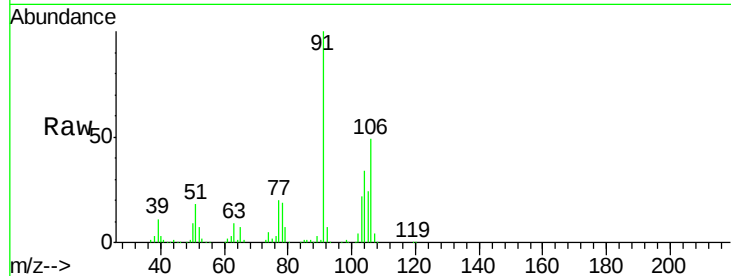
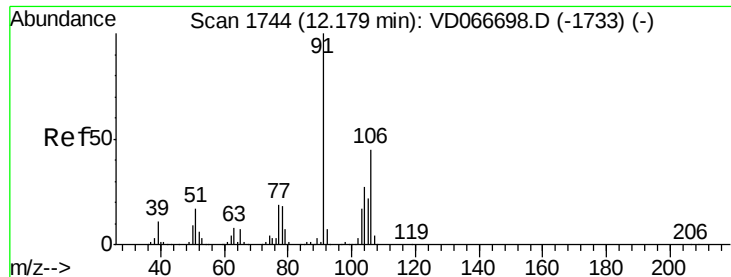
91 205.6 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





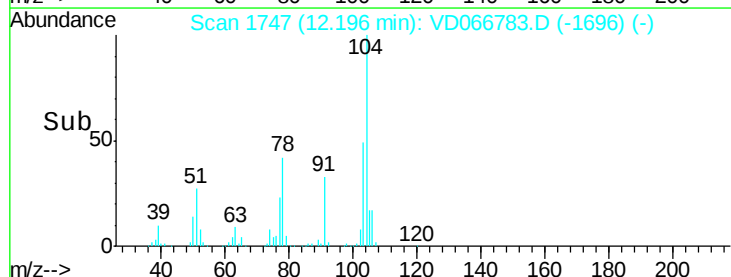
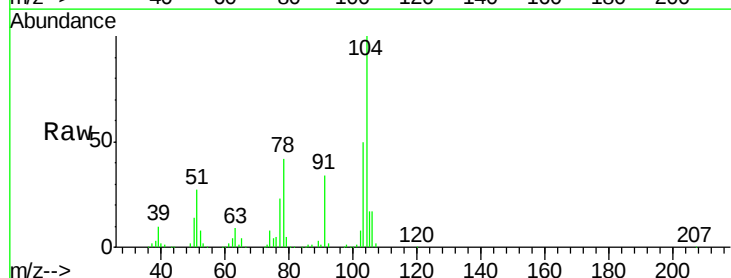
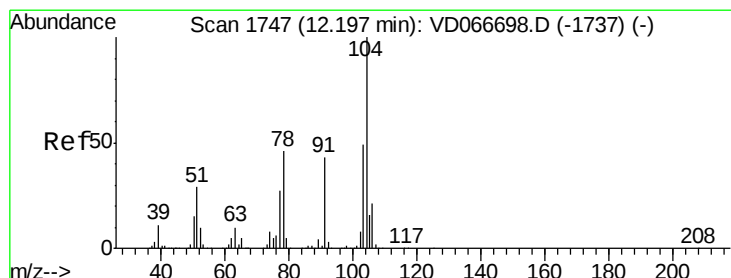
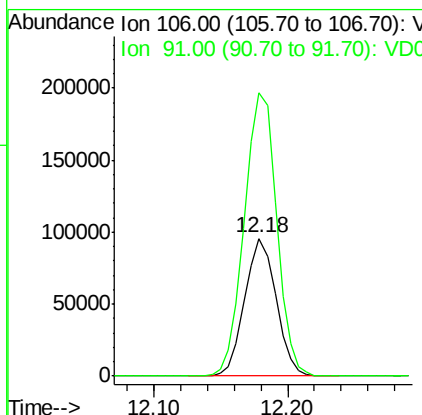
#69
o-Xylene
Concen: 19.554 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tot Ion:106 Resp: 156078
Ion Ratio Lower Upper
106 100
91 211.4 109.4 328.2

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

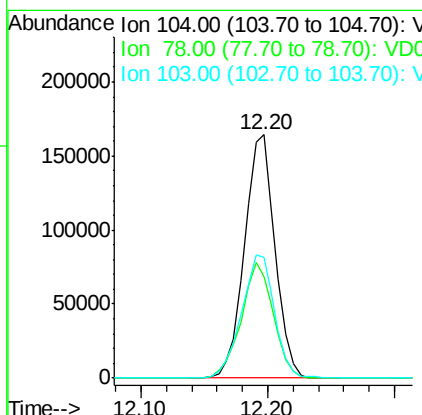
Manual Integrations
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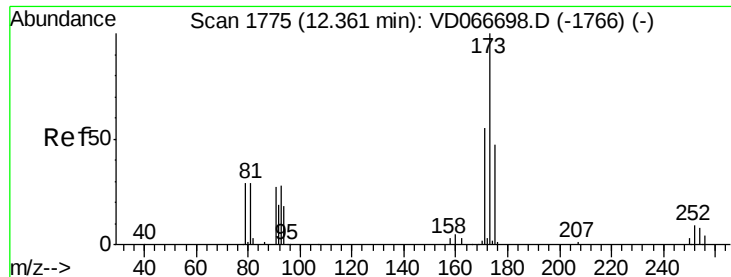
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#70
Styrene
Concen: 19.590 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion:104 Resp: 275219
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 54.5 42.5 63.7





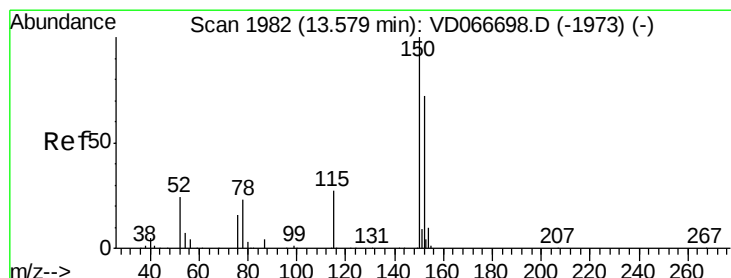
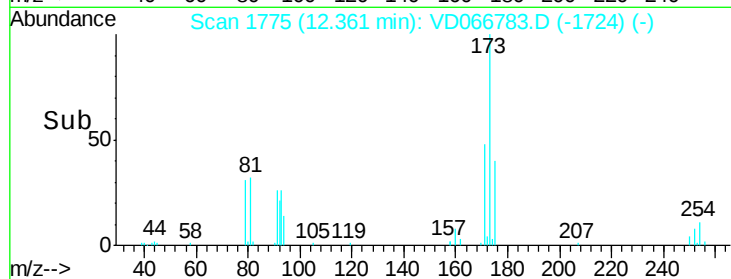
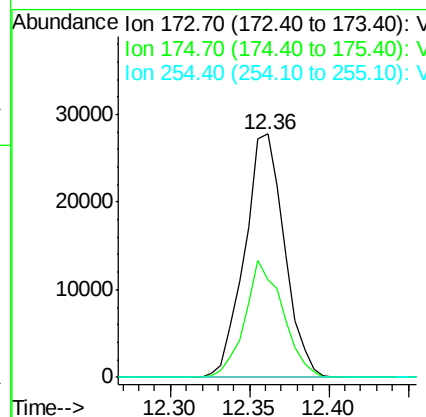
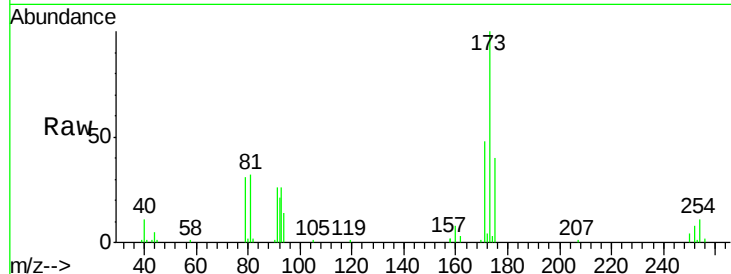
#71
Bromoform
Concen: 19.798 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.3	72.8
254	0.0	0.1	0.1

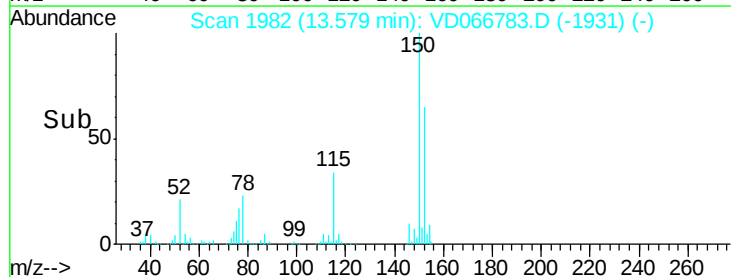
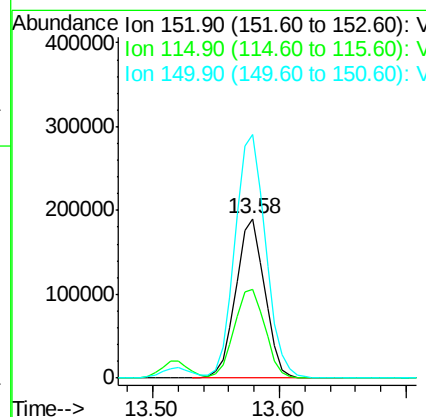
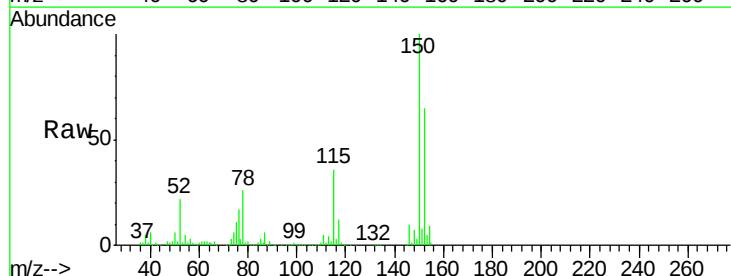
Manual Integrations
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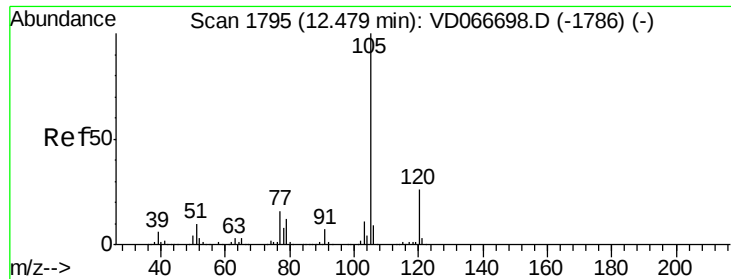
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.5	91.5
150	162.2	0.0	344.6





#73

Isopropylbenzene

Concen: 18.915 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion:105 Resp: 421596

Ion Ratio Lower Upper

105 100

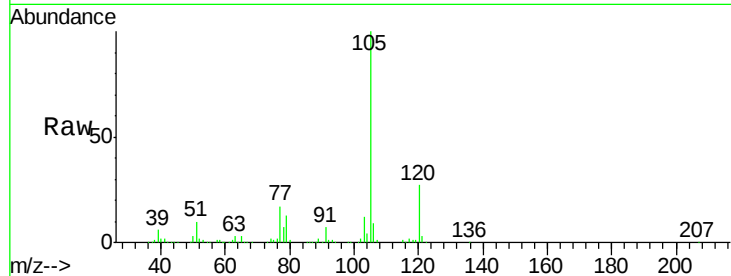
120 26.0 13.1 39.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

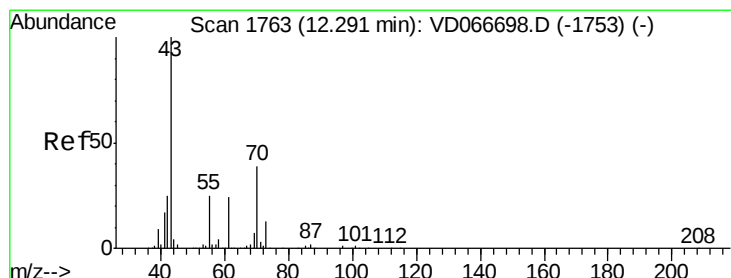
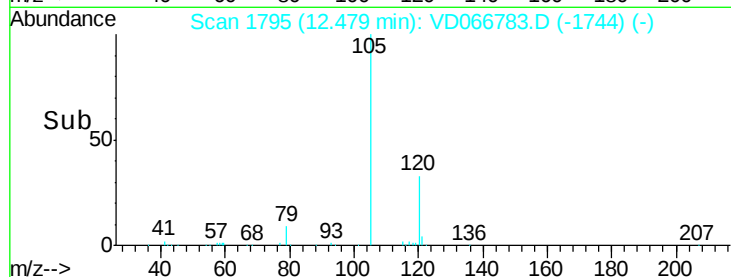
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.346 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion: 43 Resp: 86255

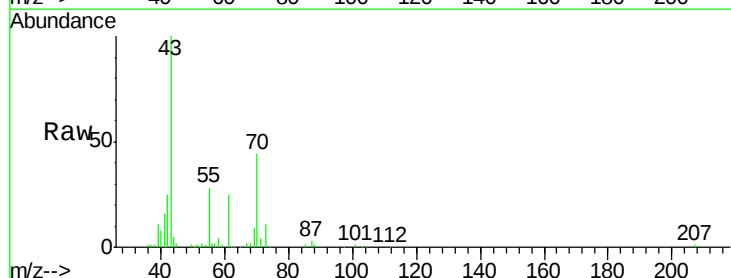
Ion Ratio Lower Upper

43 100

70 43.6 33.0 49.4

55 29.6 20.6 30.8

61 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

80000

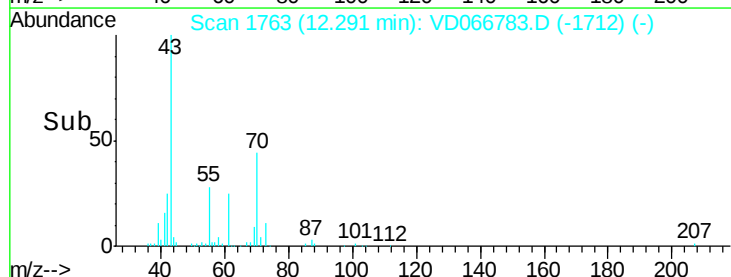
60000

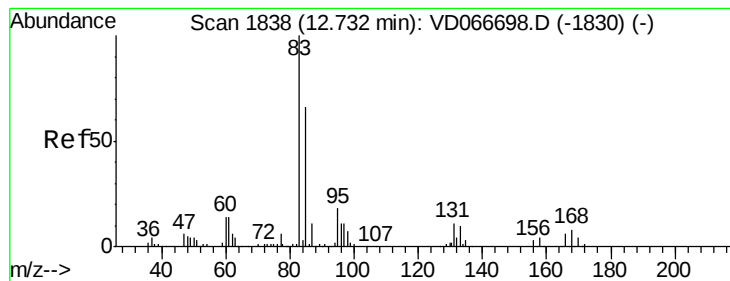
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.387 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

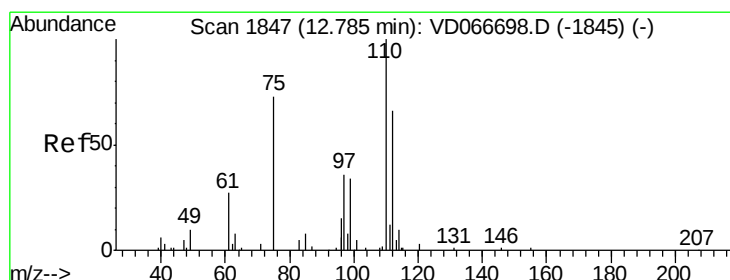
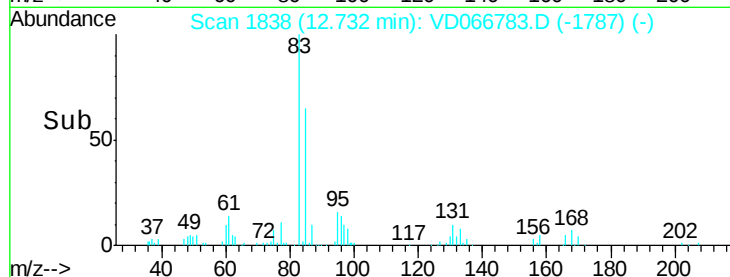
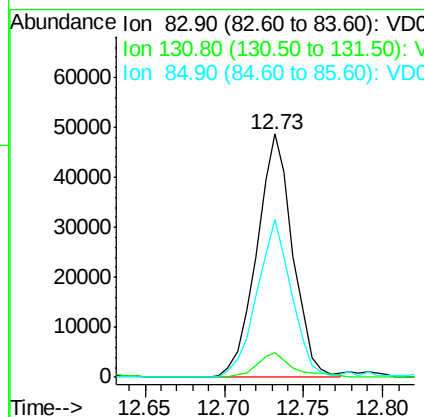
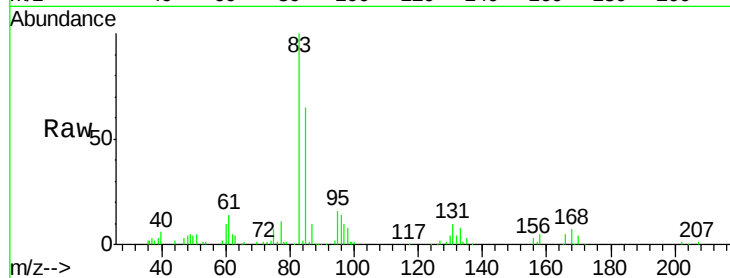
ClientSampleId :

VD0921SBSD01

Tot Ion:	83	Resp:	77212
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.8	17.3
85	62.5	33.3	99.8

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#76

1,2,3-Trichloropropane

Concen: 21.741 ug/l m

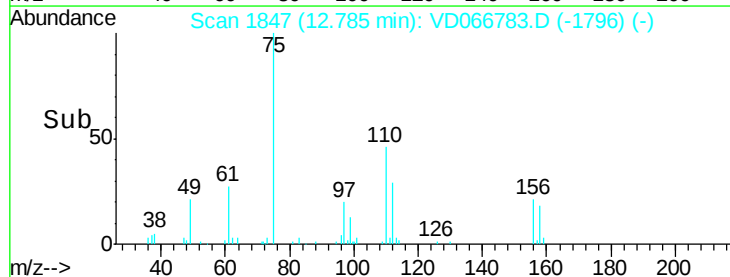
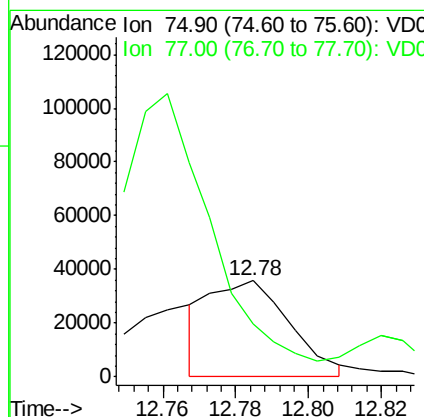
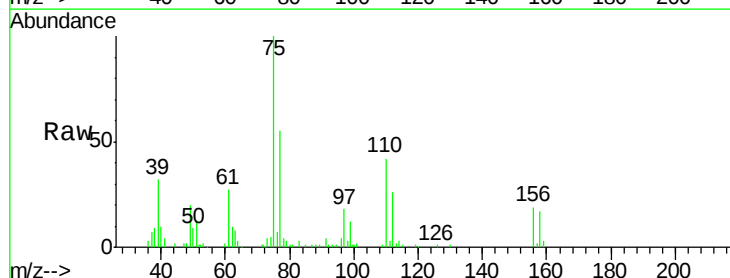
RT: 12.78 min Scan# 1847

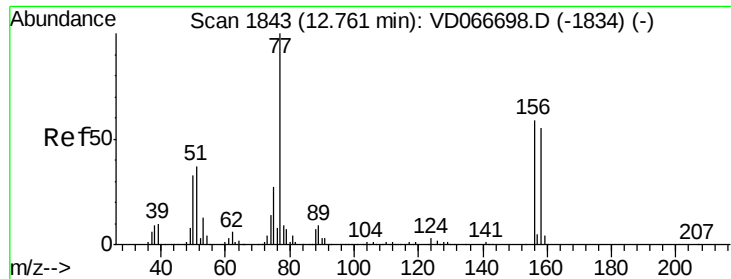
Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	75	Resp:	55560
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





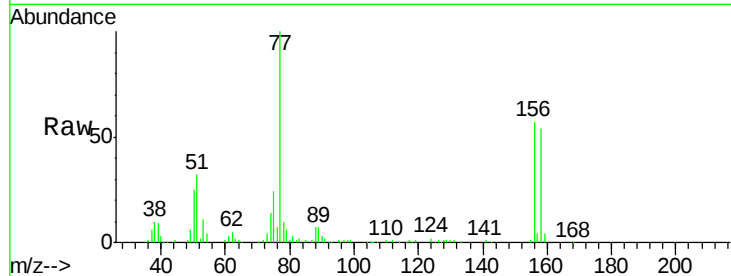
#77
Bromobenzene
Concen: 19.624 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

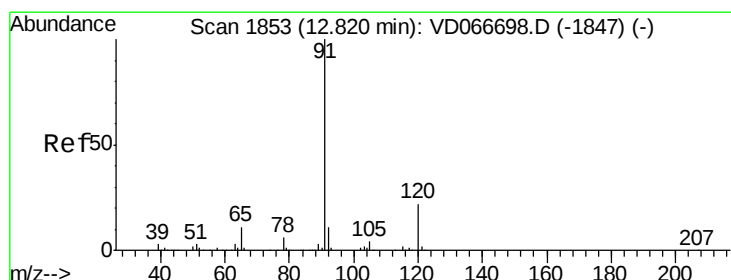
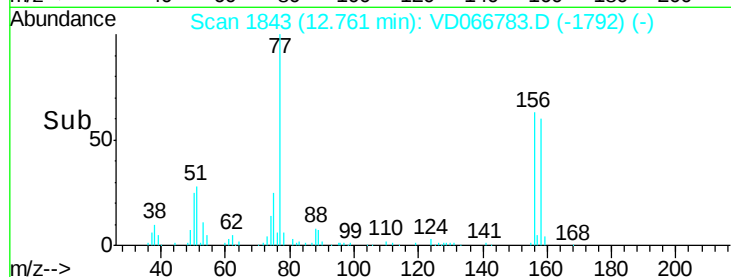
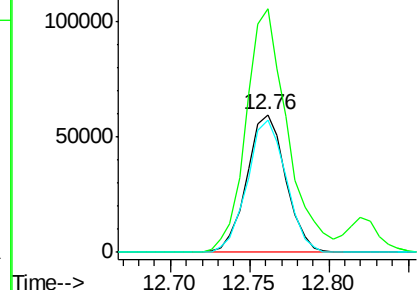
Tot Ion	Ratio	Lower	Upper
156	100		
77	189.6	95.8	287.3
158	96.5	48.4	145.0

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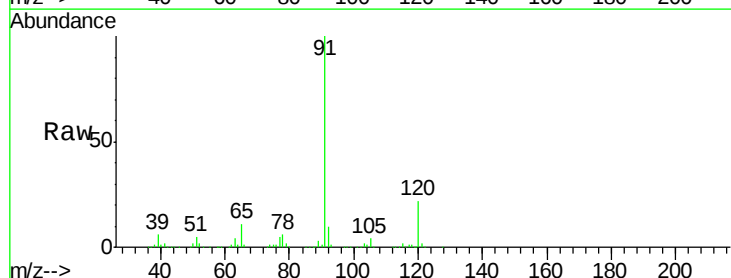


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

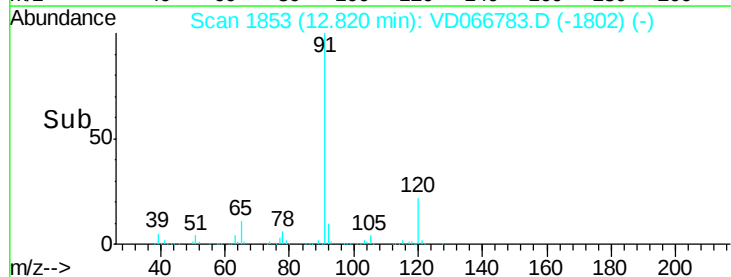
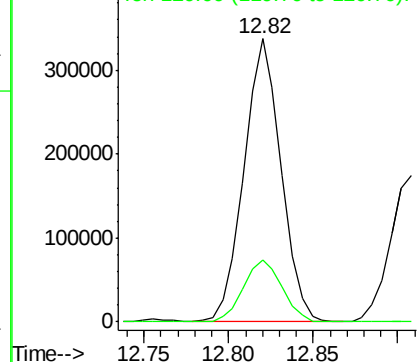


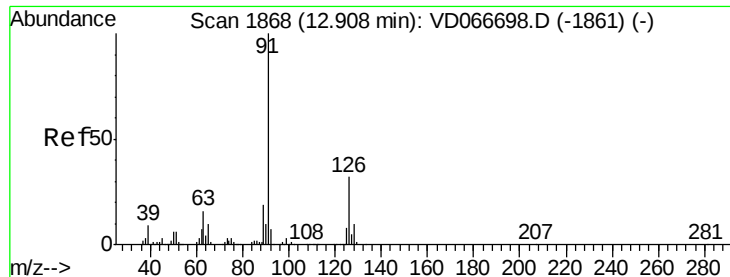
#78
n-propylbenzene
Concen: 18.840 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.107 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion: 91 Resp: 293547

Ion Ratio Lower Upper

91 100

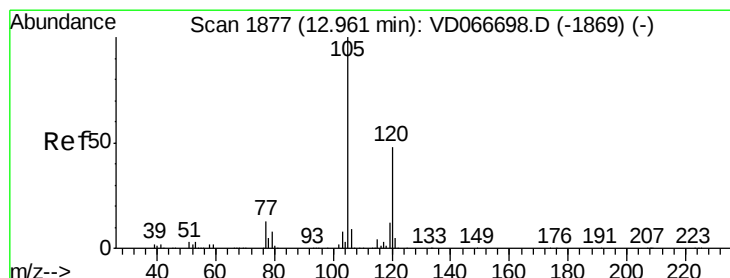
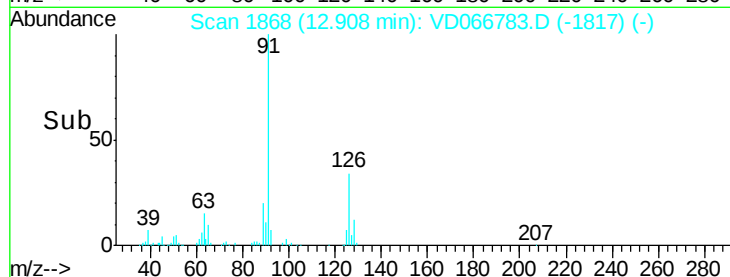
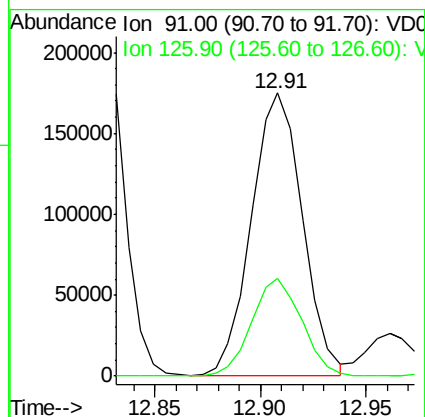
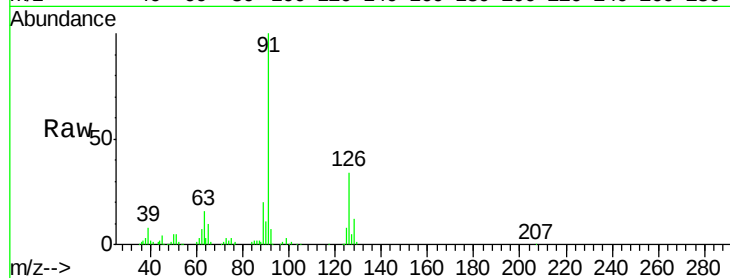
126 33.7 16.2 48.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.410 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066783.D

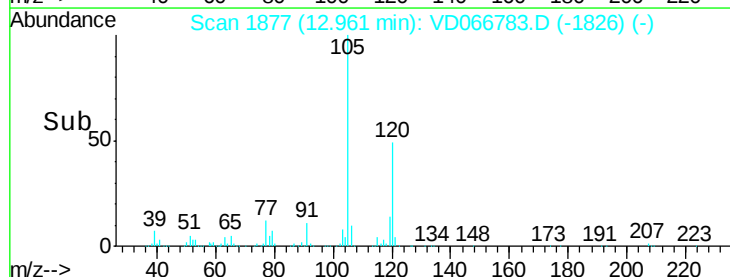
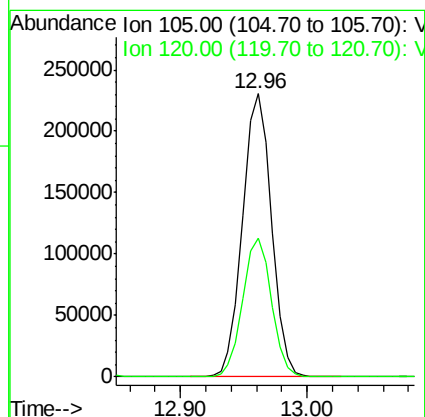
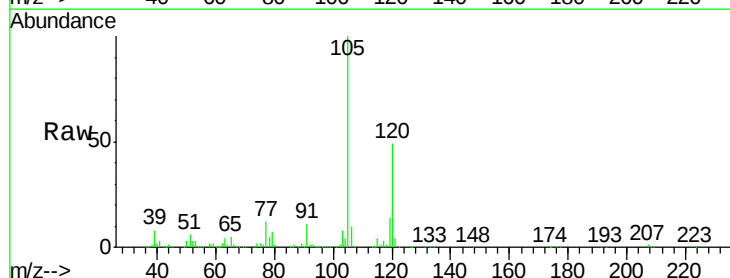
Acq: 21 Sep 2020 15:26

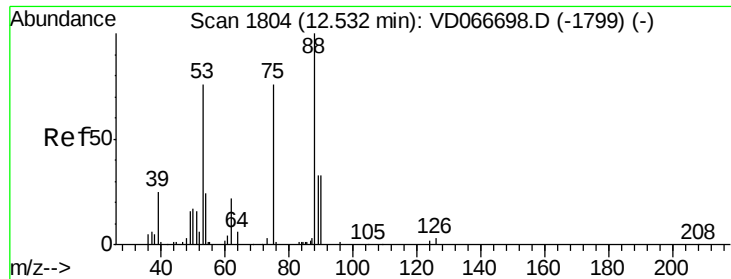
Tgt Ion: 105 Resp: 365797

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 15.410 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

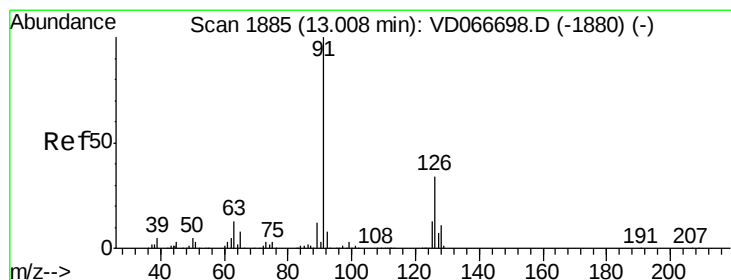
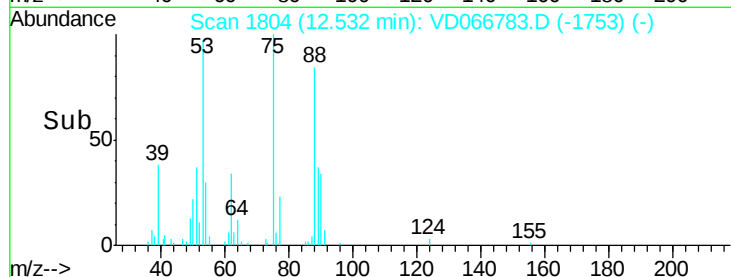
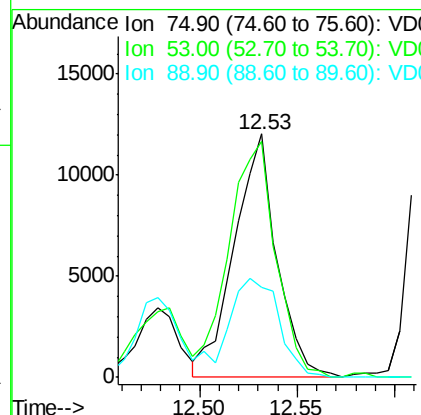
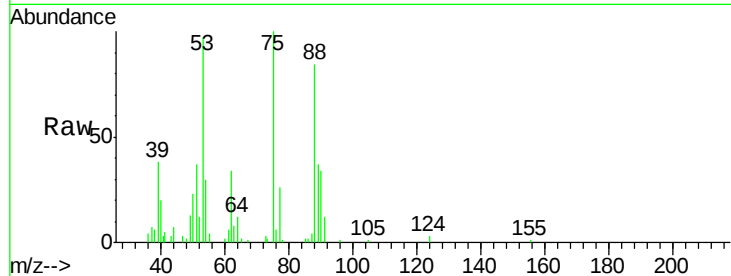
ClientSampleId :

VD0921SBSD01

Tot Ion:	75	Resp:	18248
Ion	Ratio	Lower	Upper
75	100		
53	107.1	82.2	123.4
89	44.9	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.277 ug/l

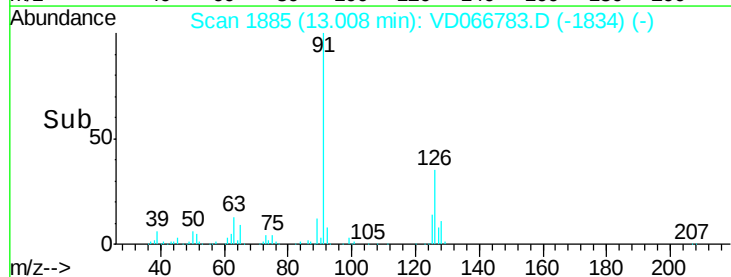
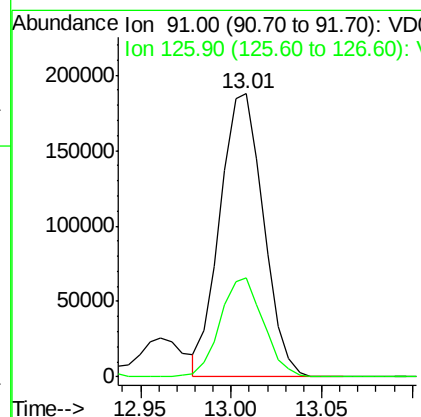
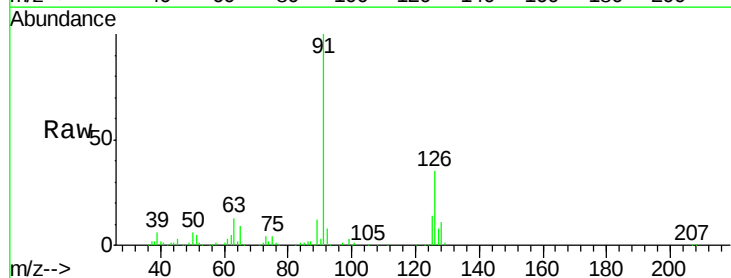
RT: 13.01 min Scan# 1885

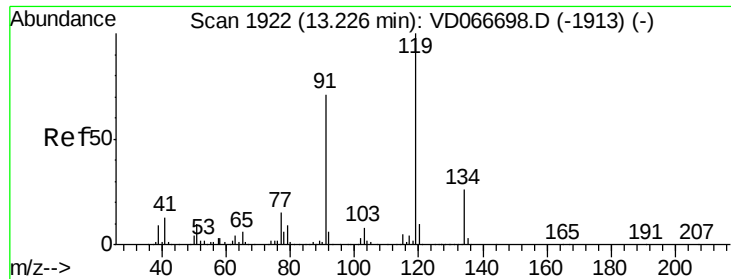
Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	91	Resp:	313149
Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.8	50.4





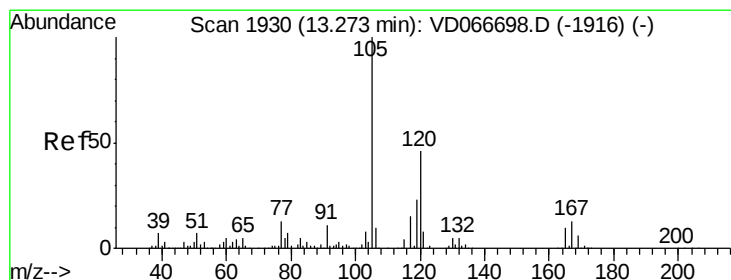
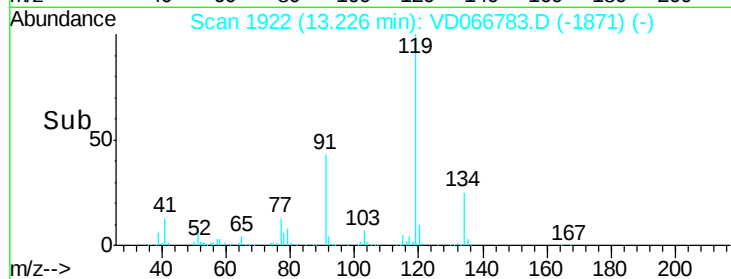
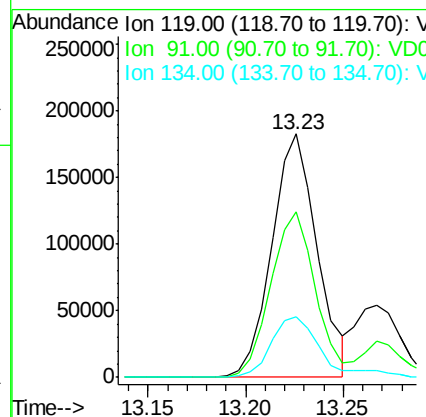
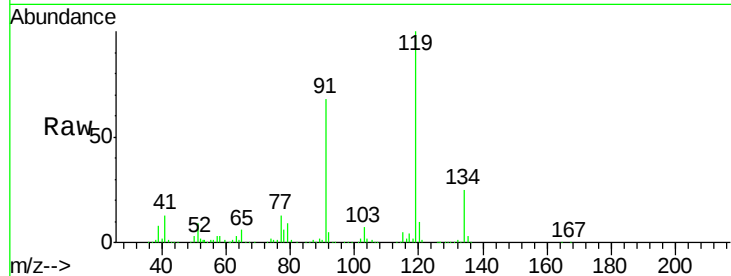
#83
tert-Butylbenzene
Concen: 18.838 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	292600		
91	67.1	35.0	105.1	
134	27.8	13.6	40.8	

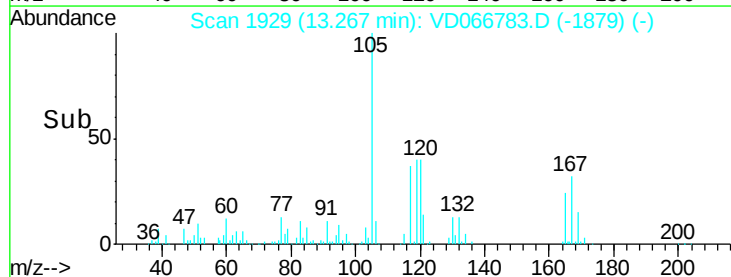
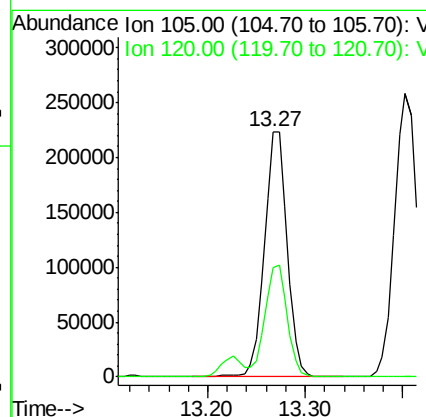
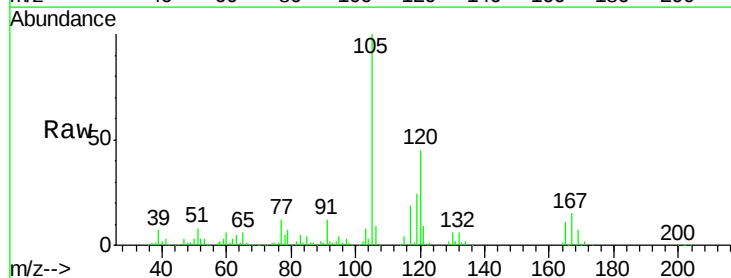
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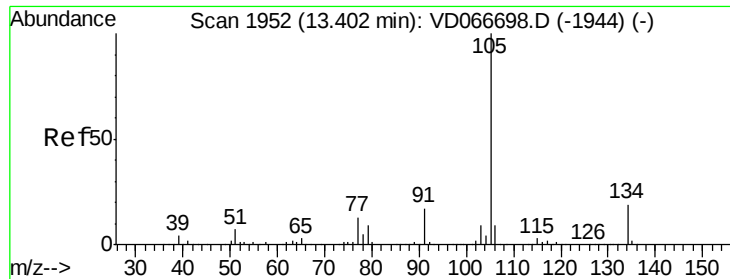
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#84
1,2,4-Trimethylbenzene
Concen: 19.390 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365181		
120	45.4	22.4	67.2	





#85

sec-Butylbenzene

Concen: 18.787 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBS01

Tot Ion:105 Resp: 418361

Ion Ratio Lower Upper

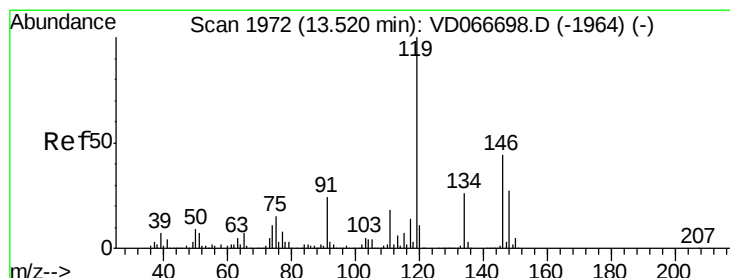
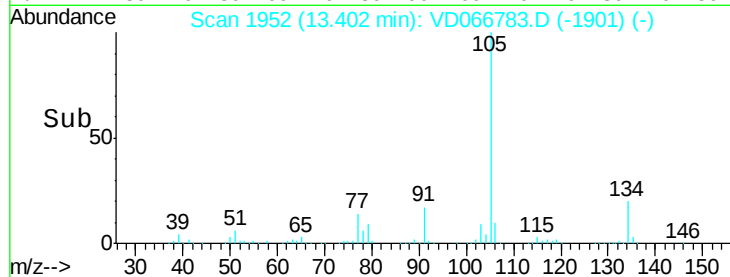
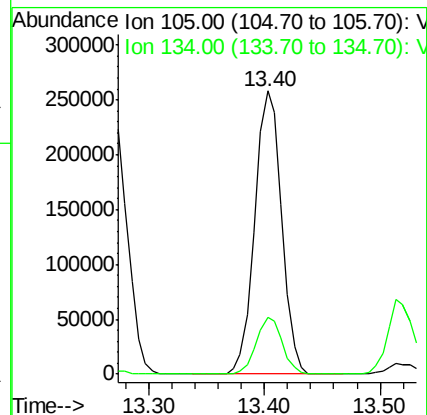
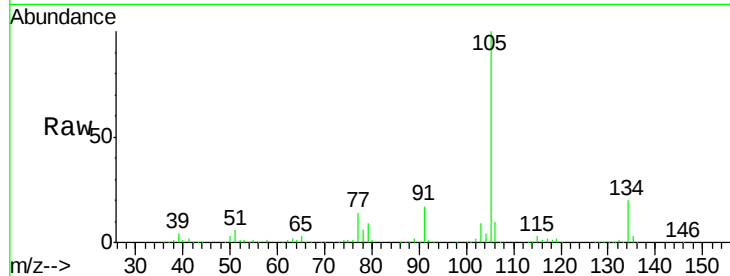
105 100

134 19.4 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 19.088 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

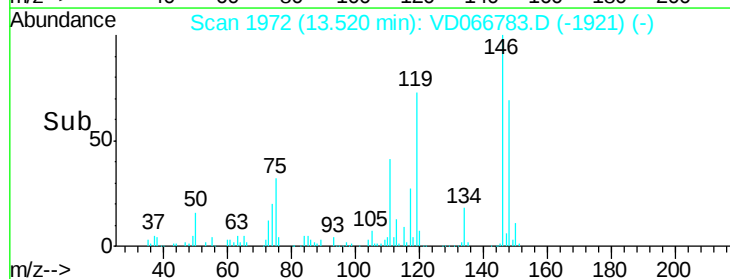
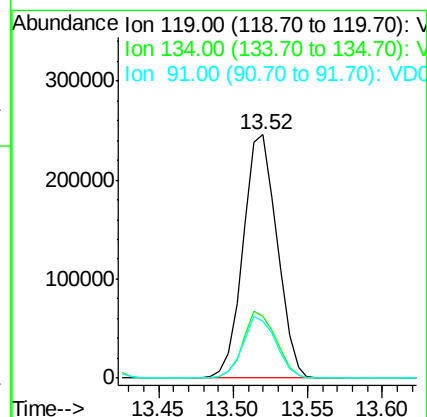
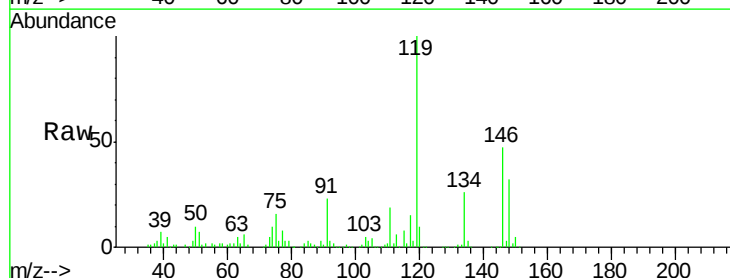
Tgt Ion:119 Resp: 386433

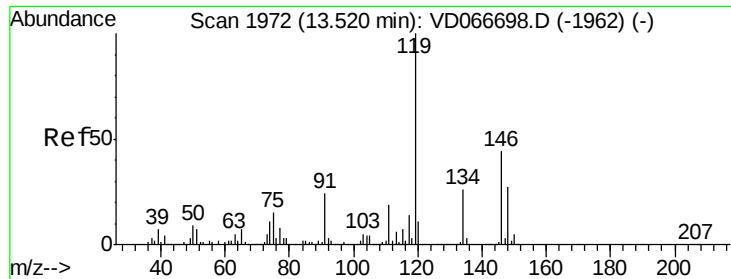
Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.367 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Instrument :

MSVOA_D

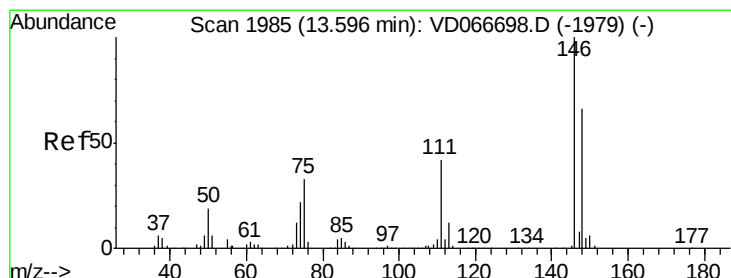
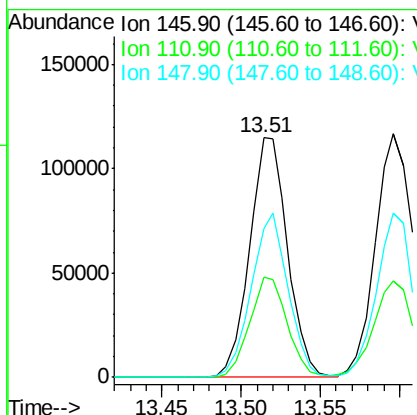
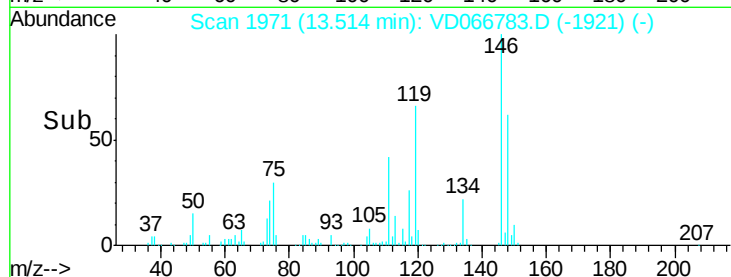
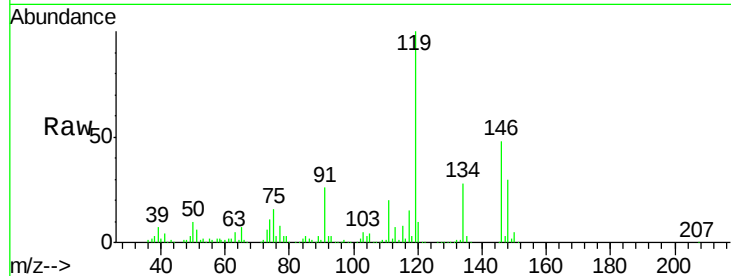
ClientSampleId :

VD0921SBS01

Tot Ion:	146	Resp:	190874
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.1	63.3
148	66.6	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 19.735 ug/l

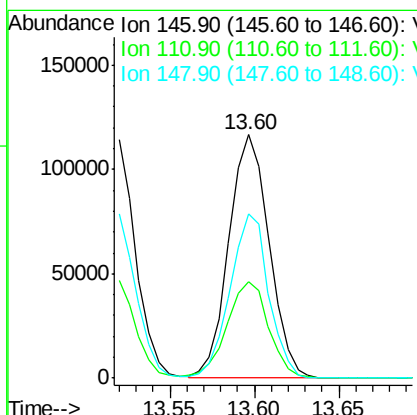
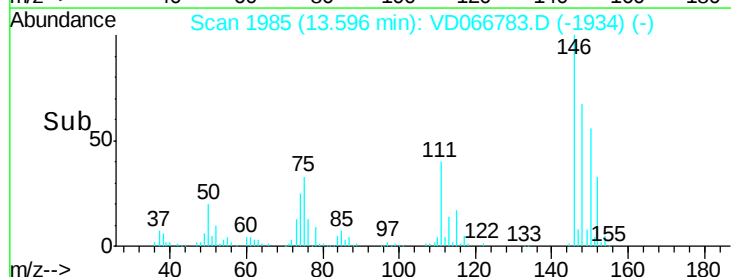
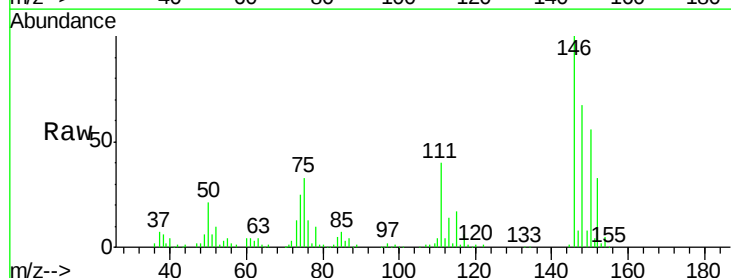
RT: 13.60 min Scan# 1985

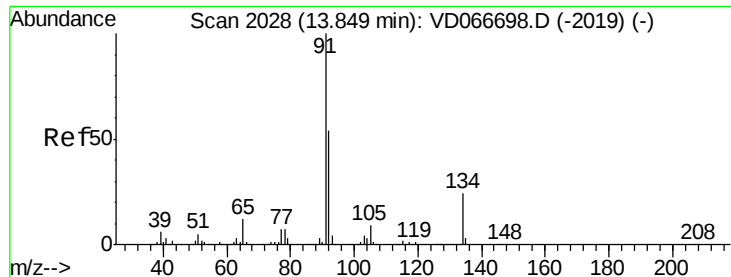
Delta R.T. -0.00 min

Lab File: VD066783.D

Acq: 21 Sep 2020 15:26

Tgt Ion:	146	Resp:	193689
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	64.9	32.7	98.1





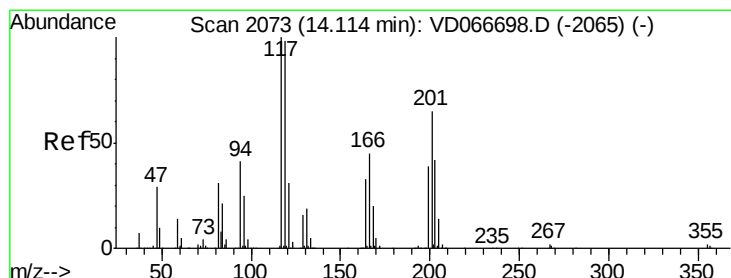
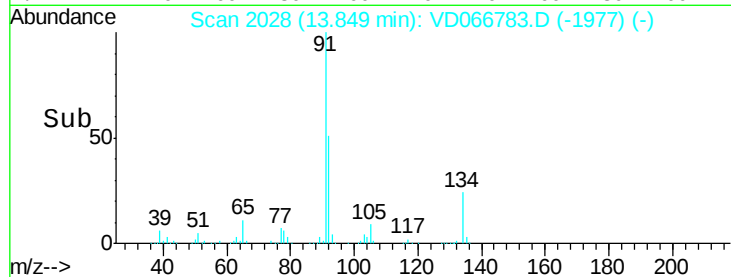
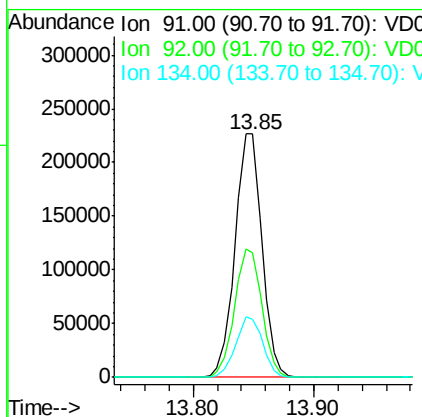
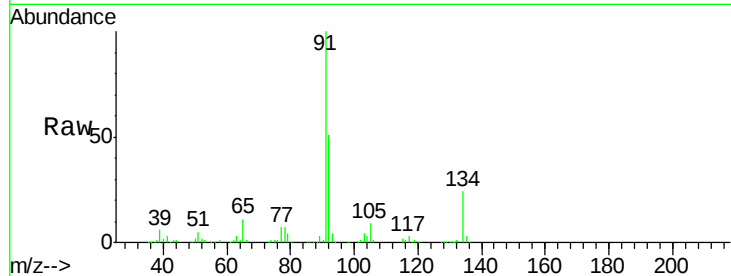
#89
n-Butylbenzene
Concen: 18.370 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	81.0
134	25.0	12.4	37.0

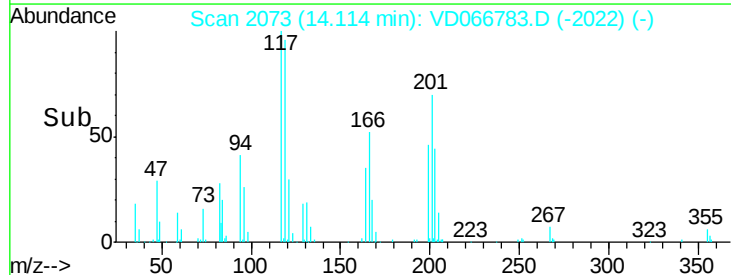
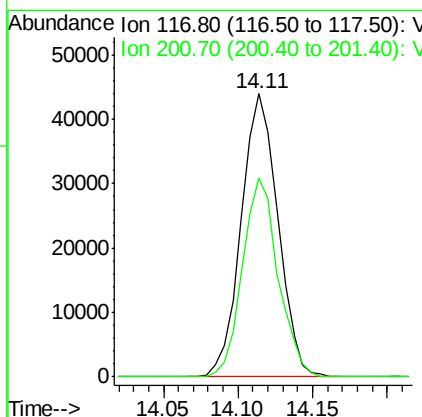
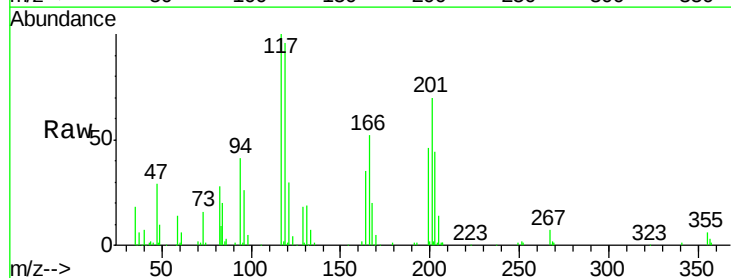
Manual Integrations
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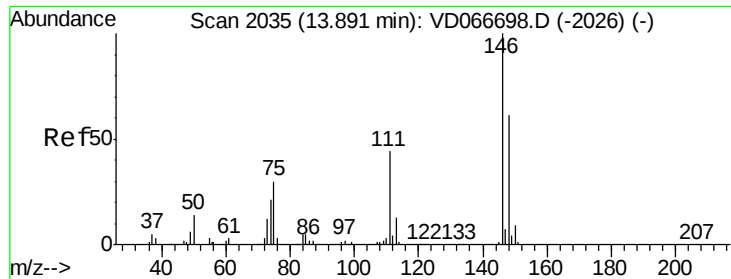
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#90
Hexachloroethane
Concen: 17.965 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.3	33.1	99.3





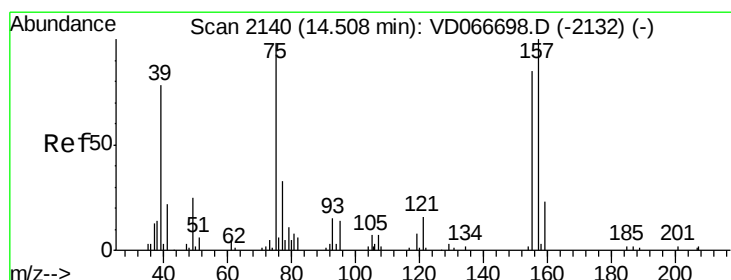
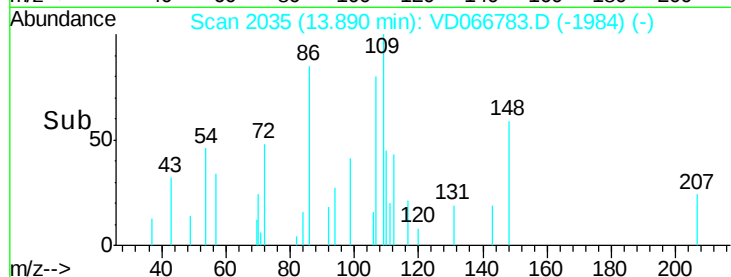
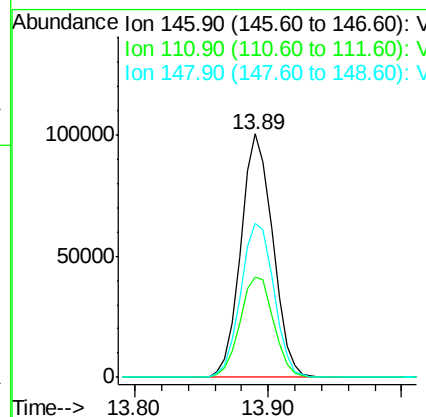
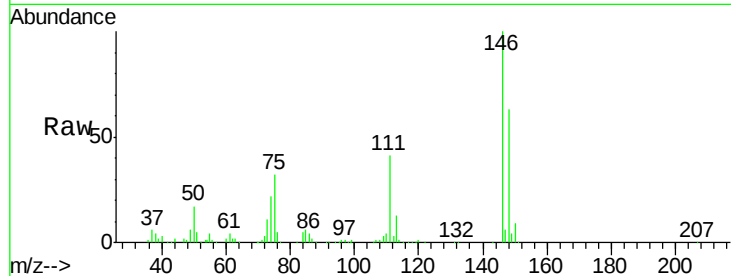
#91
 1,2-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	166312		
111	43.4	21.6	64.6	
148	65.5	31.4	94.3	

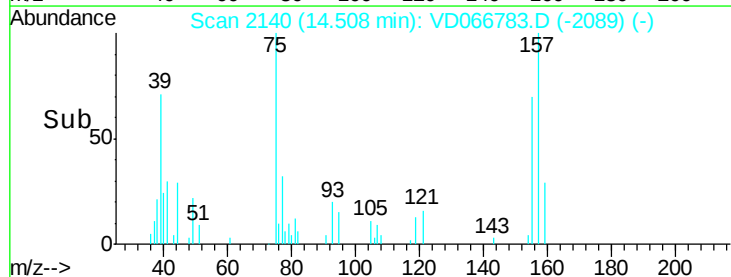
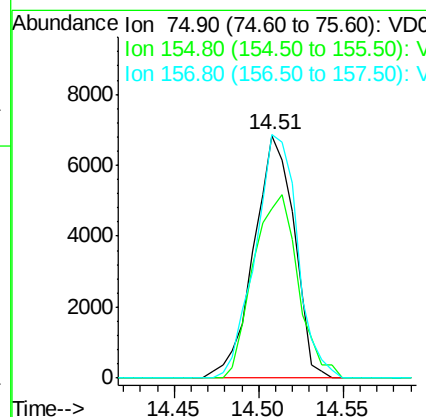
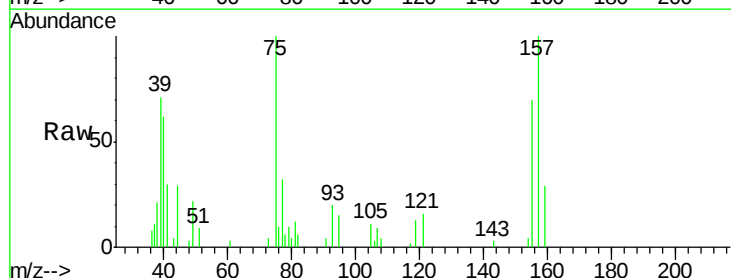
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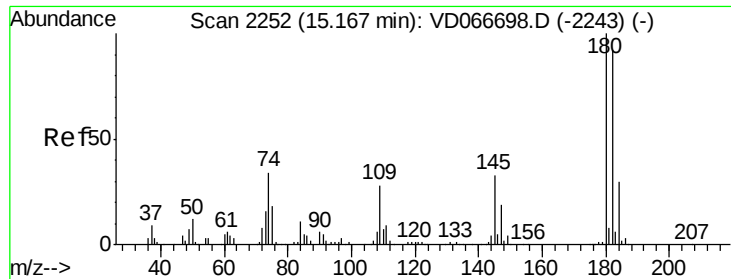
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.486 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11318		
155	84.1	38.9	116.7	
157	105.0	46.4	139.2	





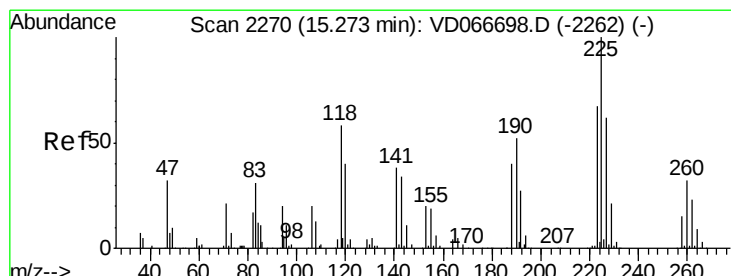
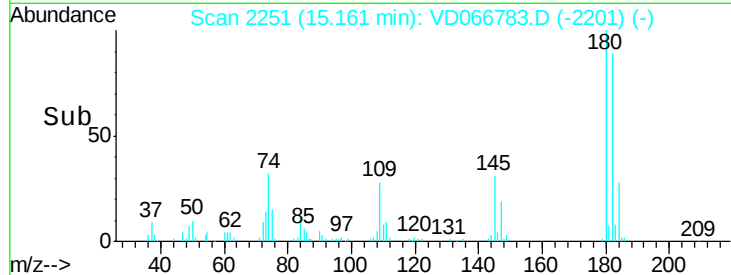
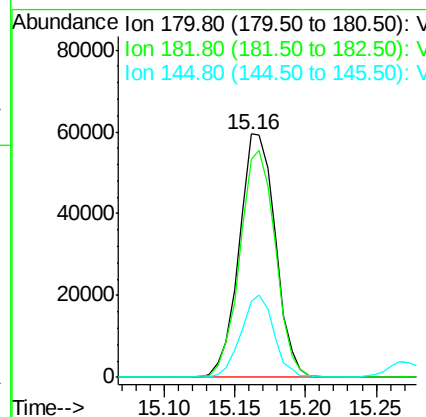
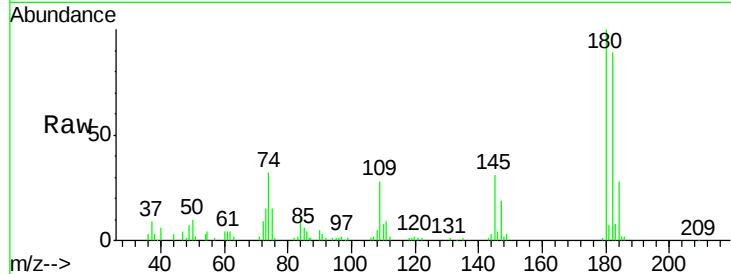
#93
 1,2,4-Trichlorobenzene
 Concen: 20.876 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106629		
182	91.6	46.6	139.7	
145	30.5	16.5	49.5	

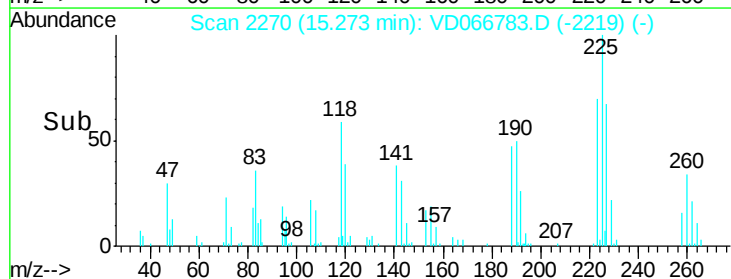
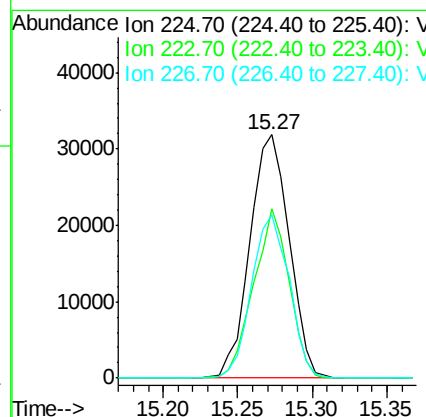
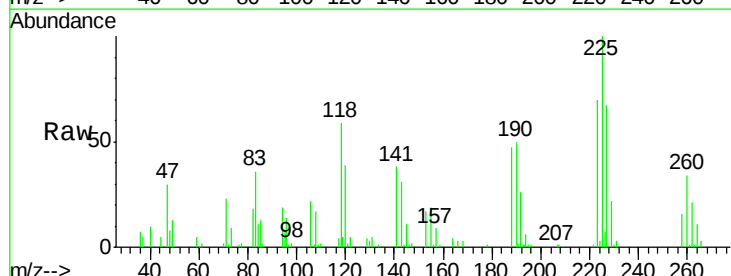
Manual Integrations
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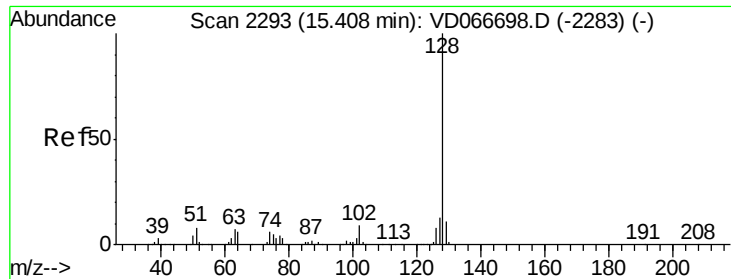
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#94
 Hexachlorobutadiene
 Concen: 18.878 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066783.D
 Acq: 21 Sep 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58094		
223	62.7	31.9	95.9	
227	64.0	31.3	93.9	





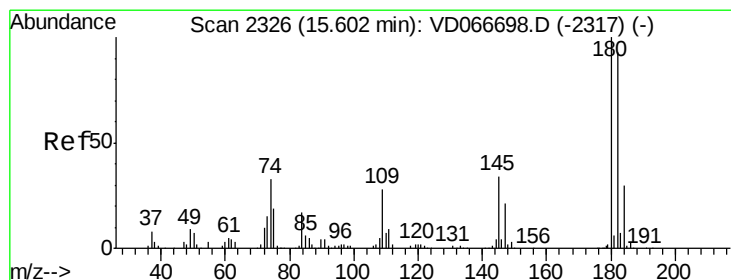
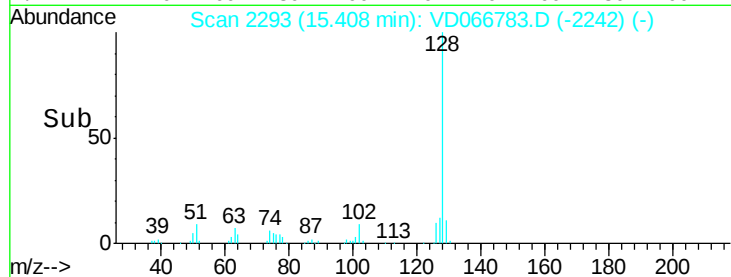
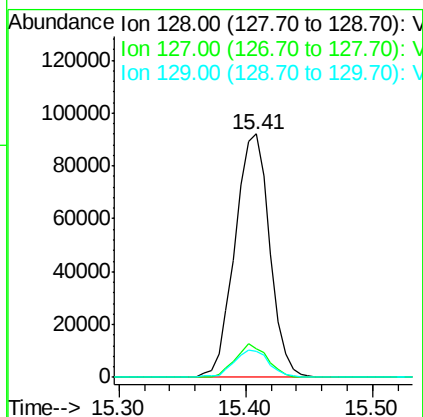
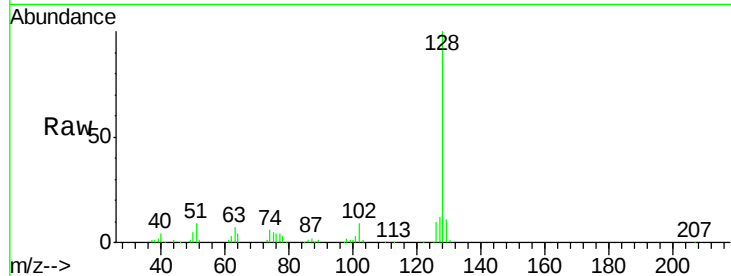
#95
Naphthalene
Concen: 19.578 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		174719		
127	12.8		10.5	15.7	
129	11.4		8.6	12.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.038 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066783.D
Acq: 21 Sep 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		89396		
182	98.5		46.6	139.8	
145	36.1		17.1	51.3	

