

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067118.D
 Acq On : 06 Oct 2020 19:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:07 PM

Quant Time: Oct 07 01:55:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	500117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178259	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.91	113	187642	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.34	98	672450	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.63	95	237969	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144115	53.776	ug/l	93
3) Chloromethane	2.21	50	115331	43.200	ug/l	97
4) Vinyl Chloride	2.35	62	115404	43.111	ug/l	92
5) Bromomethane	2.77	94	95964	56.150	ug/l	96
6) Chloroethane	2.92	64	77360	47.454	ug/l	98
7) Trichlorofluoromethane	3.27	101	280975	47.244	ug/l	95
8) Diethyl Ether	3.71	74	74528	50.534	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	156968	46.695	ug/l	99
10) Methyl Iodide	4.30	142	155348	47.561	ug/l	98
11) Tert butyl alcohol	5.22	59	47640	252.177	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	146254	46.282	ug/l	98
13) Acrolein	3.93	56	51161	236.632	ug/l	97
14) Allyl chloride	4.71	41	192360	46.857	ug/l	96
15) Acrylonitrile	5.42	53	139878	257.698	ug/l	97
16) Acetone	4.16	43	117649	238.692	ug/l	90
17) Carbon Disulfide	4.41	76	449304	46.329	ug/l	99
18) Methyl Acetate	4.72	43	62602	50.534	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	316266	54.824	ug/l	98
20) Methylene Chloride	4.97	84	193504	56.230	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	178834	49.727	ug/l	93
22) Diisopropyl ether	6.36	45	365157	48.722	ug/l	96
23) Vinyl Acetate	6.31	43	1084259	255.302	ug/l	99
24) 1,1-Dichloroethane	6.26	63	285408	49.344	ug/l	97
25) 2-Butanone	7.21	43	167618	239.864	ug/l	96
26) 2,2-Dichloropropane	7.21	77	247713	50.092	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	199684	51.990	ug/l	96
28) Bromochloromethane	7.55	49	116851	52.313	ug/l	89
29) Tetrahydrofuran	7.56	42	97579	242.850	ug/l	93
30) Chloroform	7.71	83	328897	52.419	ug/l	99
31) Cyclohexane	7.98	56	198878	41.013	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	297978	51.244	ug/l	97
36) 1,1-Dichloropropene	8.11	75	229473	45.517	ug/l	98
37) Ethyl Acetate	7.29	43	78337	44.853	ug/l	97
38) Carbon Tetrachloride	8.10	117	270364	49.564	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	245502	46.060	ug/l	97
40) Benzene	8.35	78	674785	48.189	ug/l	97
41) Methacrylonitrile	7.52	41	40189	42.594	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	201240	51.430	ug/l	96
43) Isopropyl Acetate	8.45	43	151861	47.199	ug/l	96
44) Trichloroethene	9.11	130	212433	50.804	ug/l	97
45) 1,2-Dichloropropane	9.38	63	157526	47.878	ug/l	92
46) Dibromomethane	9.47	93	97455	51.535	ug/l	95
47) Bromodichloromethane	9.66	83	257012	52.285	ug/l	98
48) Methyl methacrylate	9.46	41	73067	44.328	ug/l #	74
49) 1,4-Dioxane	9.46	88	19249	975.308	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	388484	242.408	ug/l	97
52) Toluene	10.40	92	459088	50.895	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	224098	51.009	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	271551	50.619	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	137049	52.128	ug/l	97
56) Ethyl methacrylate	10.66	69	149124	54.938	ug/l	99
57) 1,3-Dichloropropane	10.94	76	220834	51.798	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	425579	281.694	ug/l	96
59) 2-Hexanone	10.98	43	264999	247.745	ug/l	96
60) Dibromochloromethane	11.14	129	191671	54.698	ug/l	98
61) 1,2-Dibromoethane	11.24	107	133627	52.904	ug/l	99
64) Tetrachloroethene	10.87	164	180032	49.516	ug/l	96
65) Chlorobenzene	11.67	112	504112	50.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	198513	52.467	ug/l	98
67) Ethyl Benzene	11.74	91	875782	51.388	ug/l	99
68) m/p-Xylenes	11.86	106	670483	100.949	ug/l	99
69) o-Xylene	12.18	106	312416	52.601	ug/l	97
70) Styrene	12.20	104	536771	52.630	ug/l	99
71) Bromoform	12.36	173	106894	54.427	ug/l #	98
73) Isopropylbenzene	12.48	105	846600	50.067	ug/l	100
74) N-amyl acetate	12.29	43	143792	47.304	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	137471	48.253	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	90309m	41.634	ug/l	
77) Bromobenzene	12.76	156	210582	51.576	ug/l	94
78) n-propylbenzene	12.82	91	967718	48.425	ug/l	99
79) 2-Chlorotoluene	12.91	91	565017	49.417	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	718279	50.277	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	41038	47.168	ug/l	99
82) 4-Chlorotoluene	13.01	91	593103	48.756	ug/l	99
83) tert-Butylbenzene	13.23	119	600119	49.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	727712	51.042	ug/l	98
85) sec-Butylbenzene	13.40	105	824110	48.643	ug/l	100
86) p-Isopropyltoluene	13.52	119	769102	48.966	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	389144	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	386406	48.592	ug/l	98
89) n-Butylbenzene	13.85	91	683330	47.603	ug/l	99
90) Hexachloroethane	14.11	117	131227	47.696	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	341575	49.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21770	47.404	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	230931	51.403	ug/l	99
94) Hexachlorobutadiene	15.28	225	134950	48.911	ug/l	98
95) Naphthalene	15.41	128	411123	54.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209566	53.735	ug/l	98

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

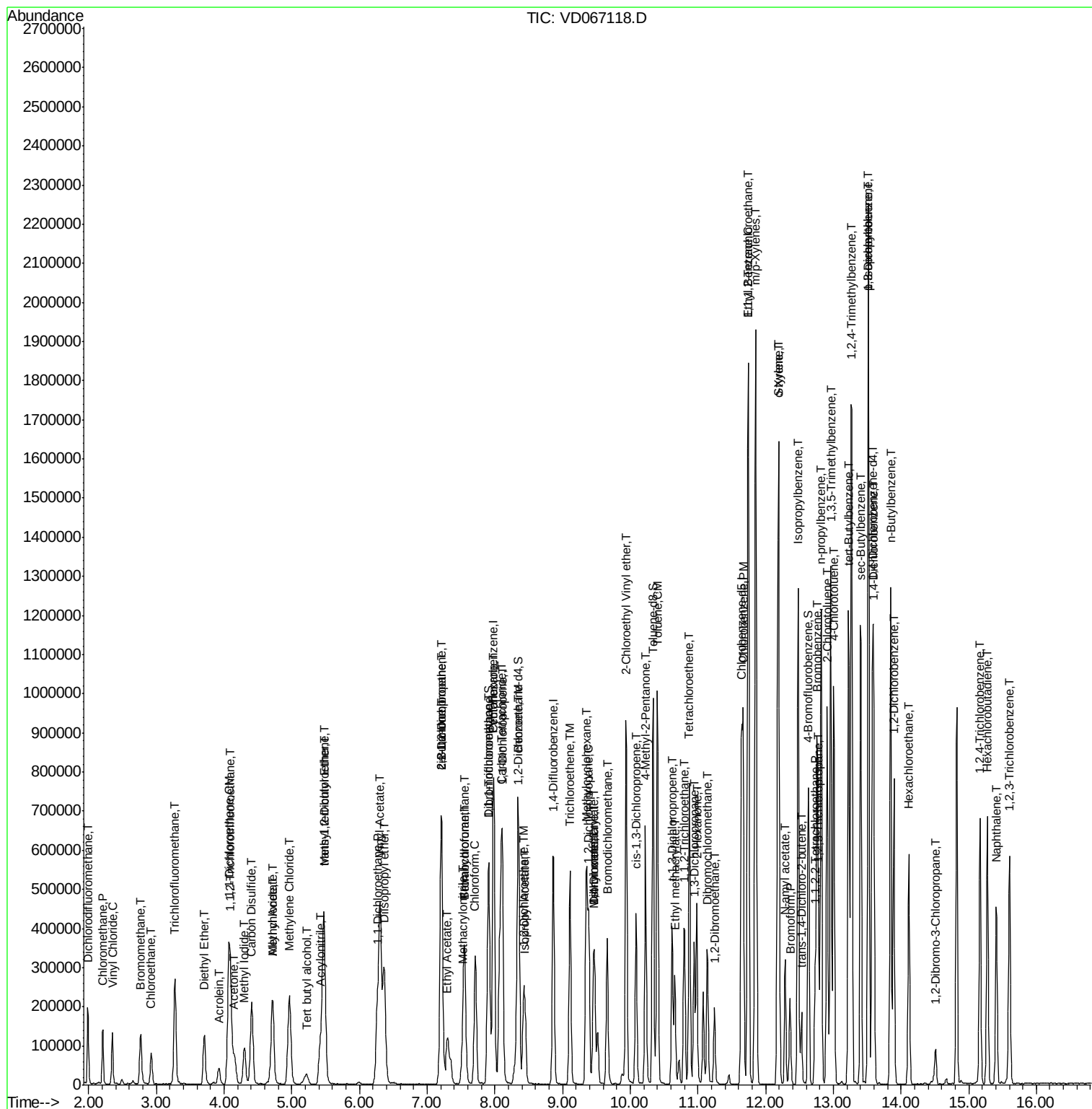
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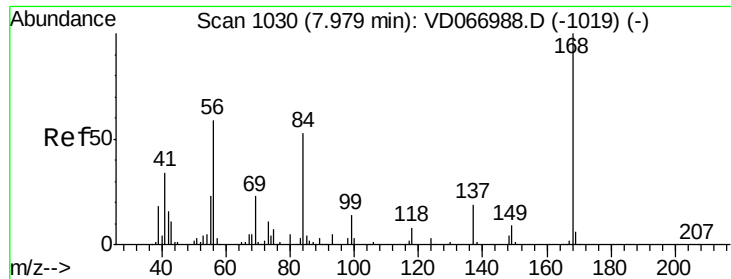
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 335226

Ion Ratio Lower Upper

168 100

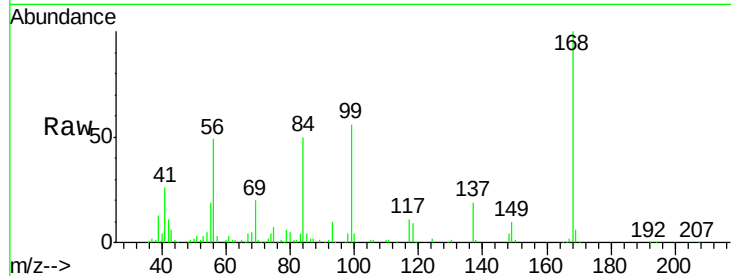
99 56.1 44.1 66.1

Manual Integrations

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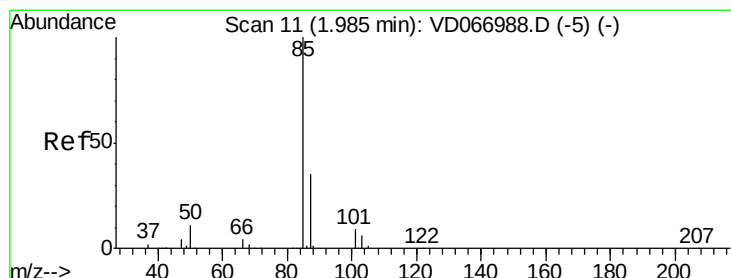
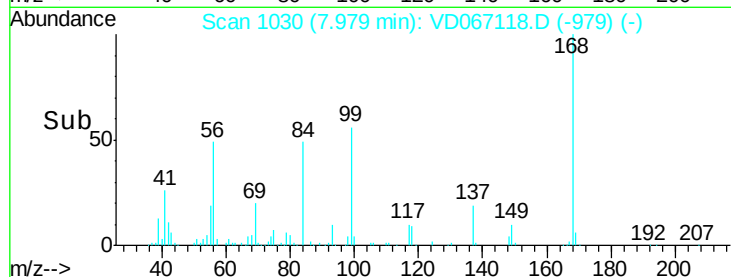
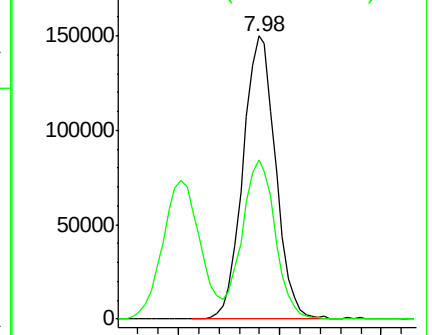
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 53.776 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067118.D

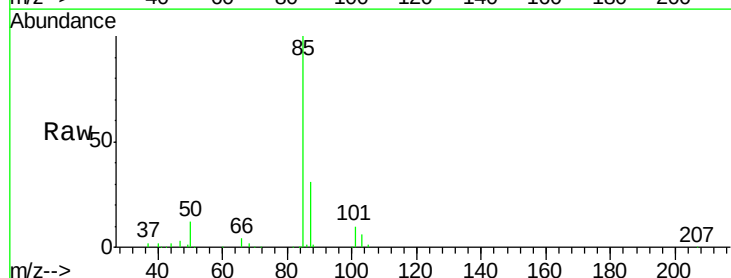
Acq: 06 Oct 2020 19:57

Tgt Ion: 85 Resp: 144115

Ion Ratio Lower Upper

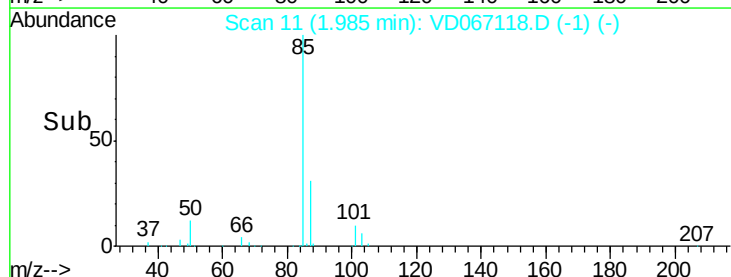
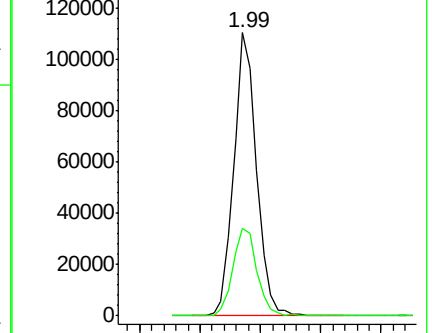
85 100

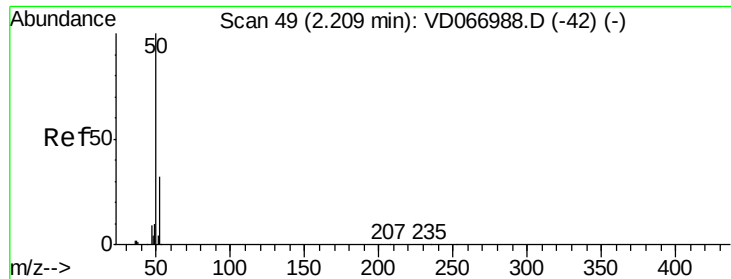
87 30.9 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.200 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115331

Ion Ratio Lower Upper

50 100

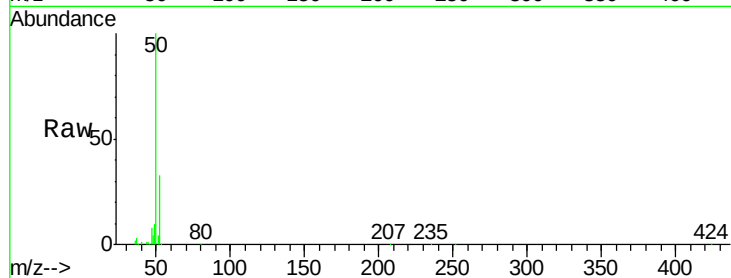
52 33.1 25.3 37.9

Manual Integrations

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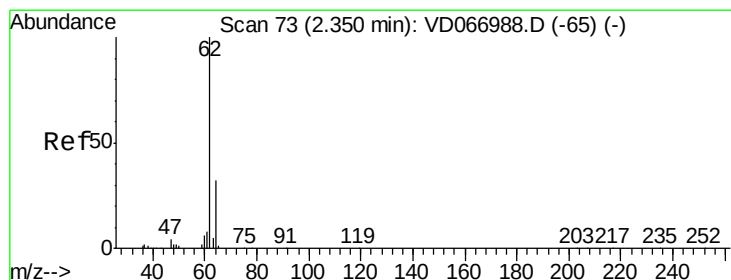
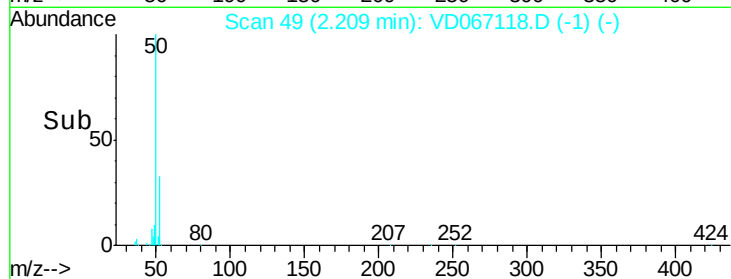
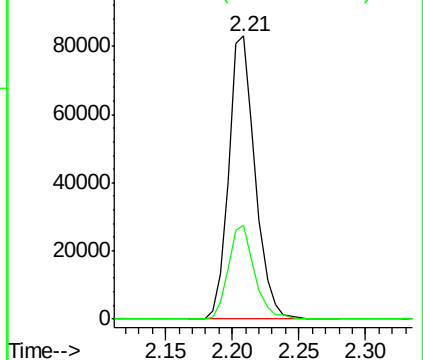
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.111 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067118.D

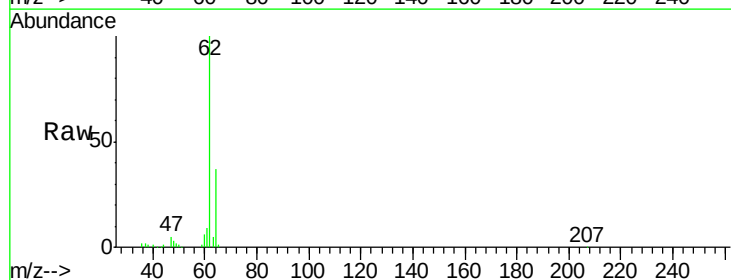
Acq: 06 Oct 2020 19:57

Tgt Ion: 62 Resp: 115404

Ion Ratio Lower Upper

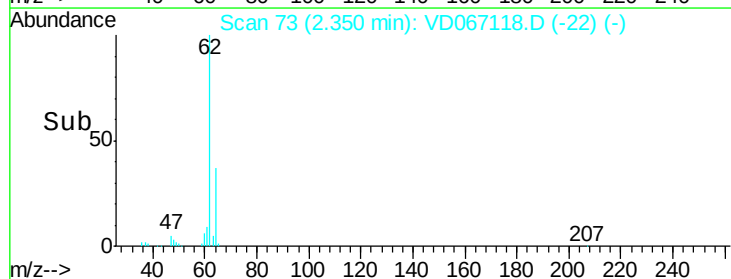
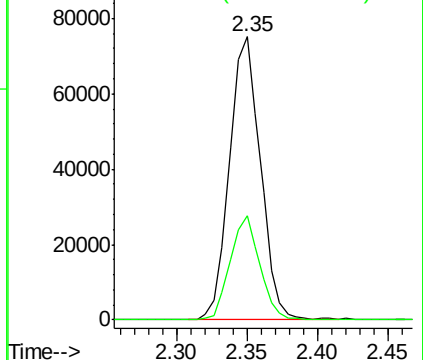
62 100

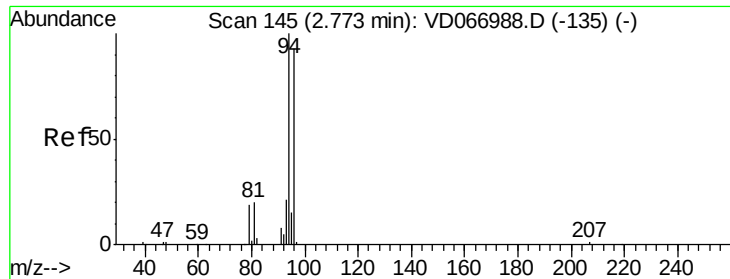
64 36.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.150 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 95964

Ion Ratio Lower Upper

94 100

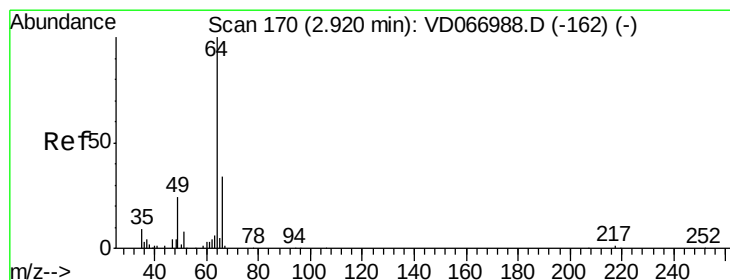
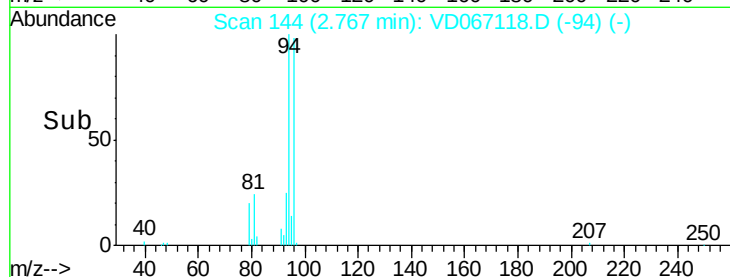
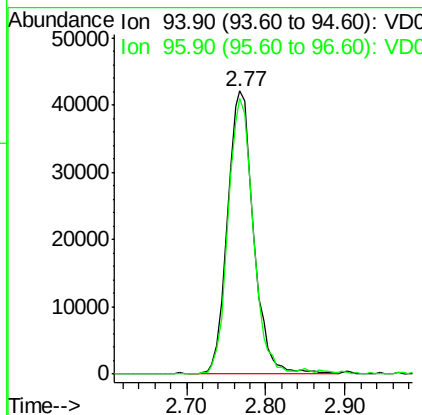
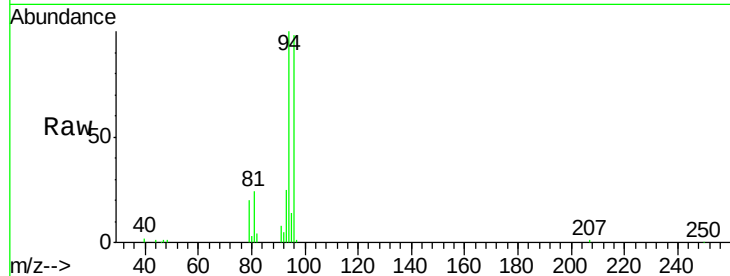
96 97.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 47.454 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067118.D

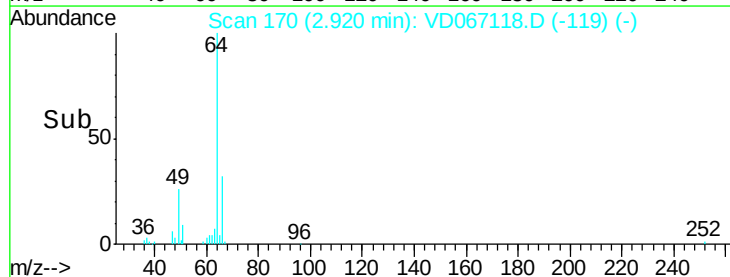
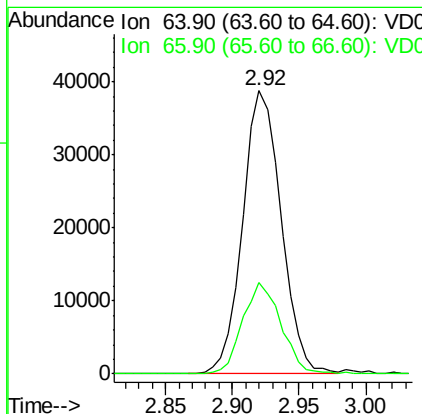
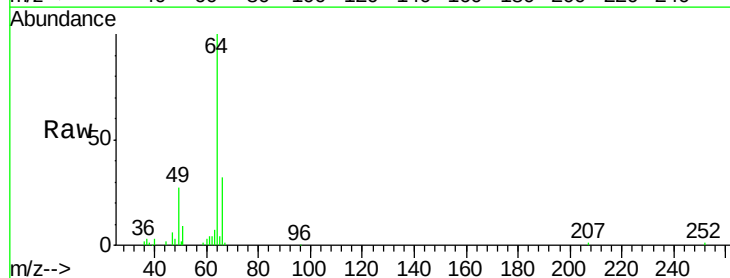
Acq: 06 Oct 2020 19:57

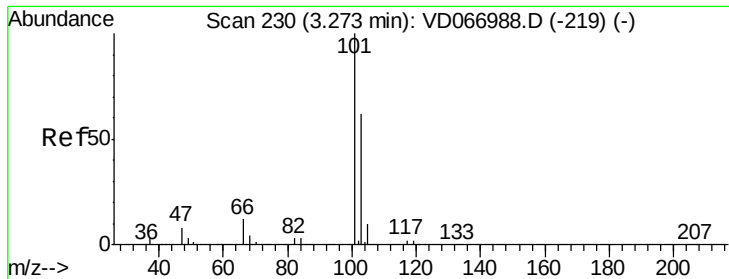
Tgt Ion: 64 Resp: 77360

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6





#7

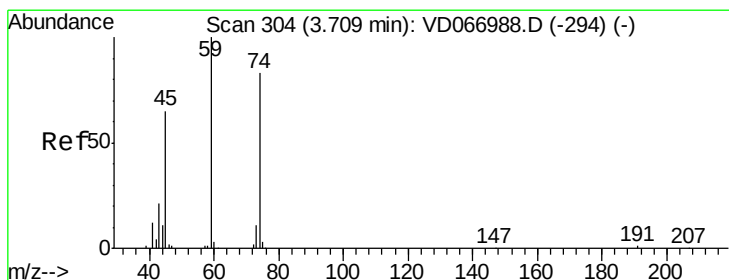
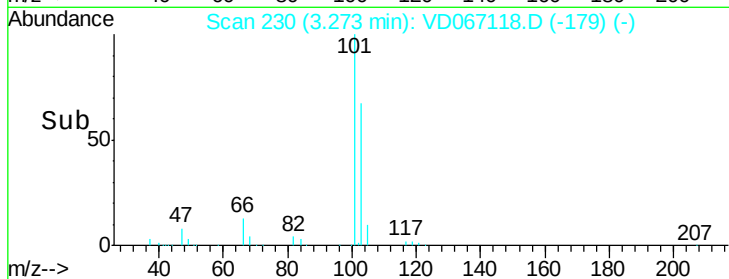
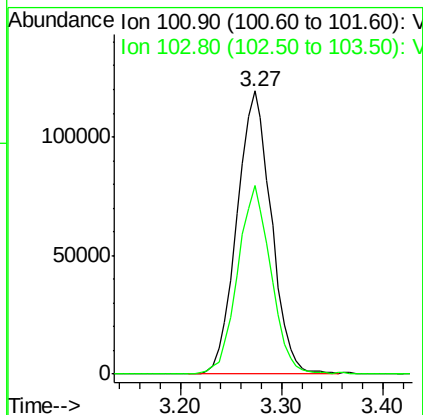
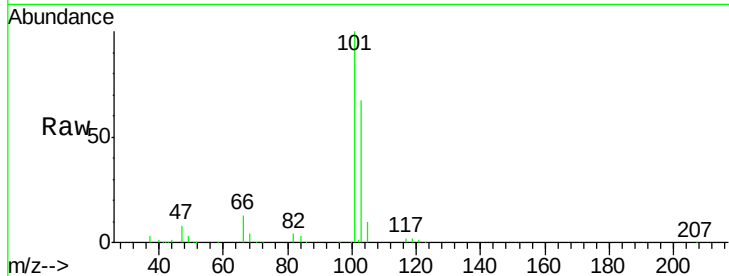
Trichlorofluoromethane
Concen: 47.244 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	280975		
103	66.5	49.8	74.8	

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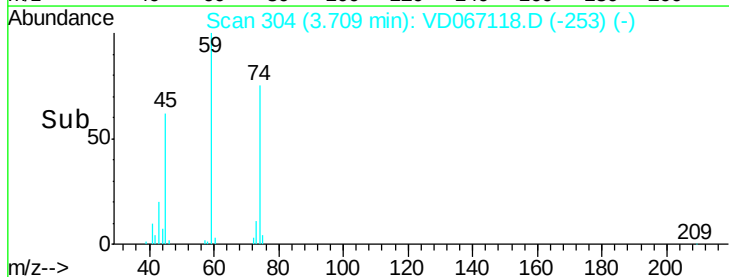
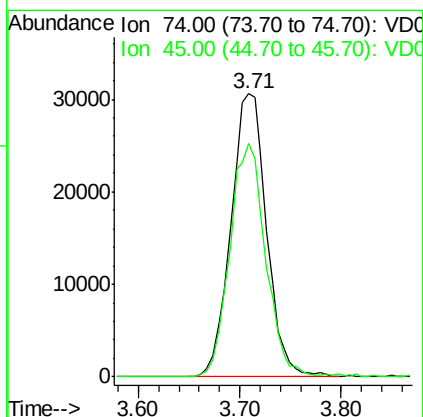
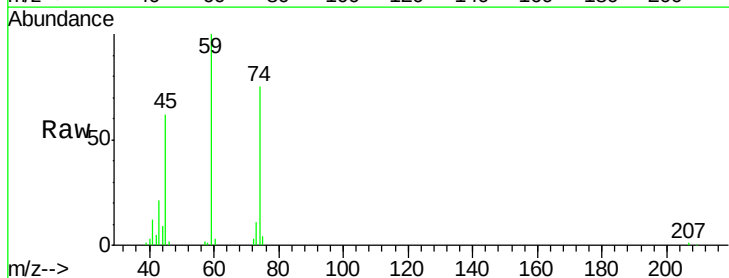
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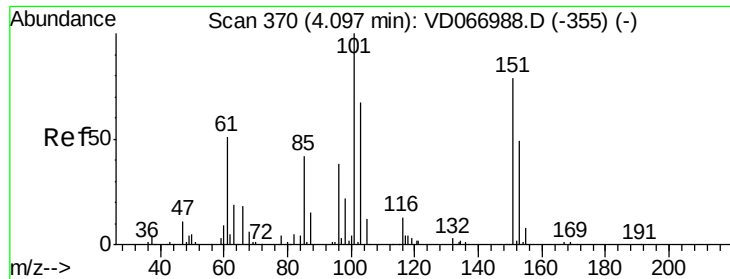


#8

Diethyl Ether
Concen: 50.534 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	74528		
45	82.9	43.1	129.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.695 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

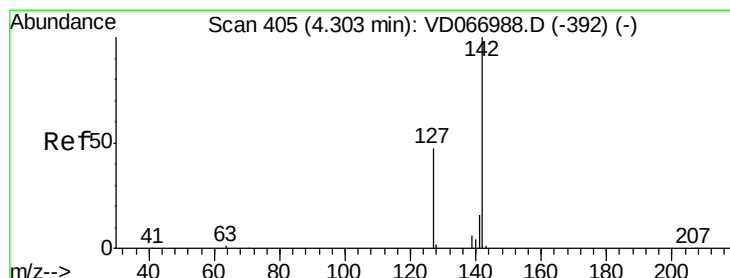
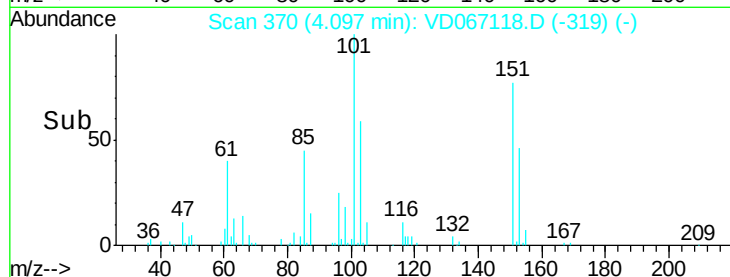
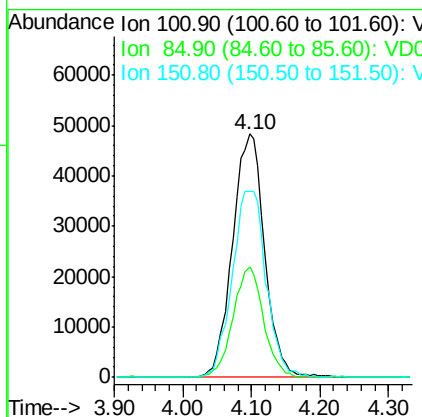
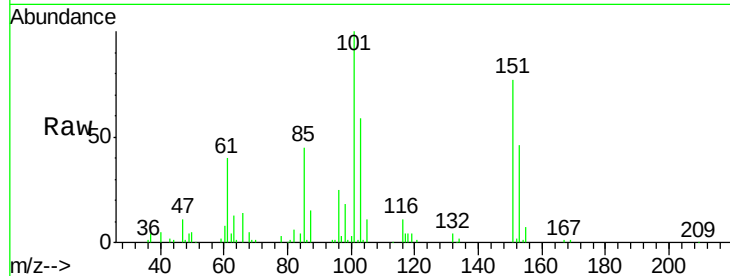
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	156968
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.8	50.8
151	81.0	63.8	95.8

Manual Integrations
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#10

Methyl Iodide

Concen: 47.561 ug/l

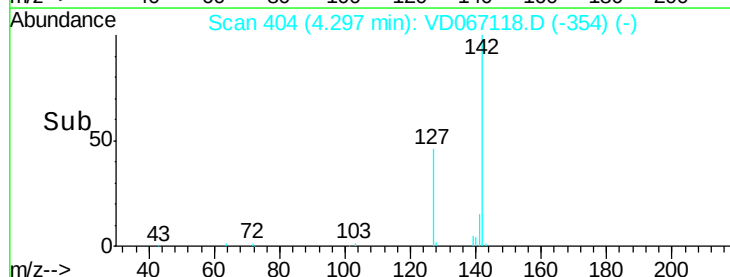
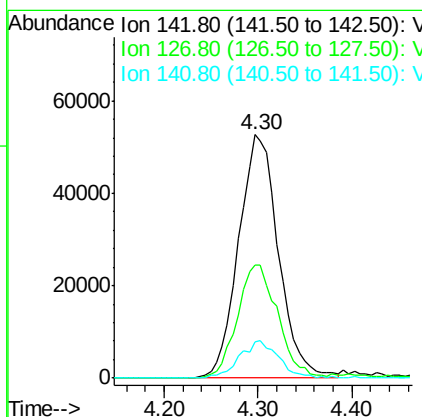
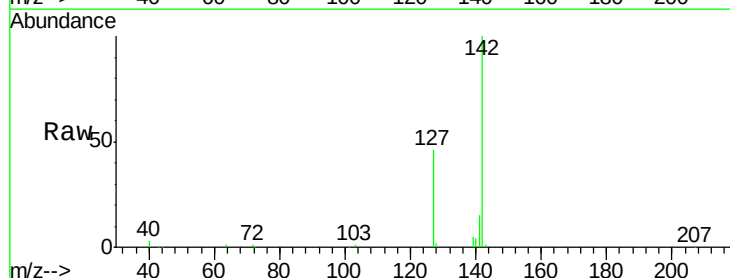
RT: 4.30 min Scan# 404

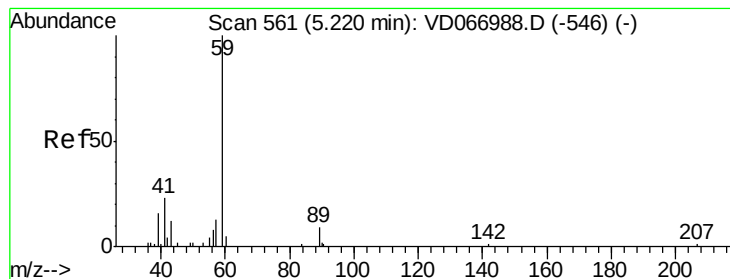
Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	142	Resp:	155348
Ion Ratio	Lower	Upper	
142	100		
127	47.0	36.3	54.5
141	15.1	12.0	18.0





#11

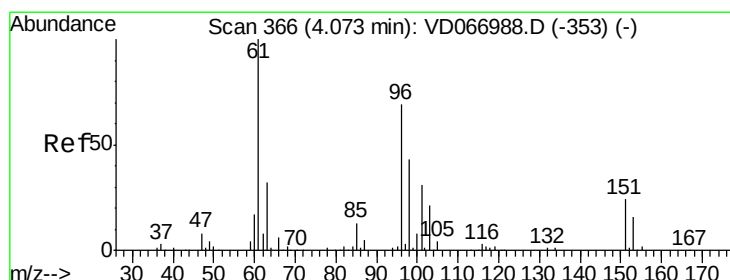
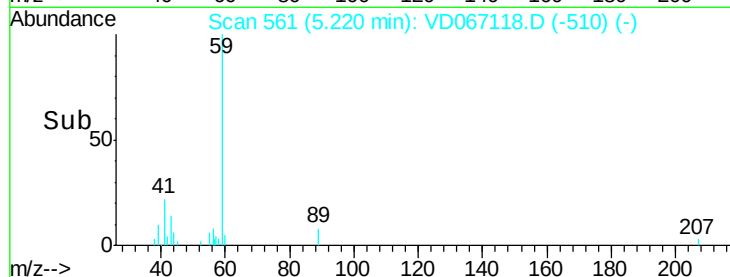
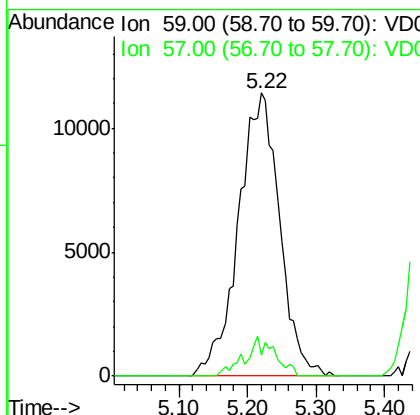
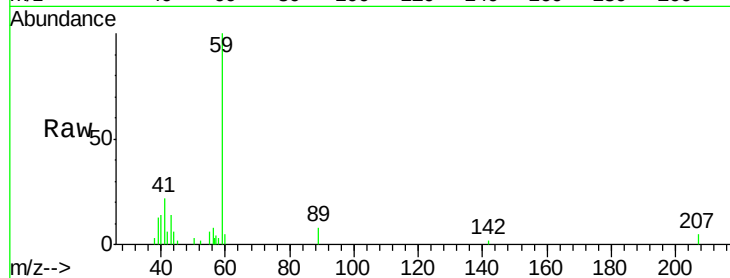
Tert butyl alcohol
Concen: 252.177 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.2	12.4#

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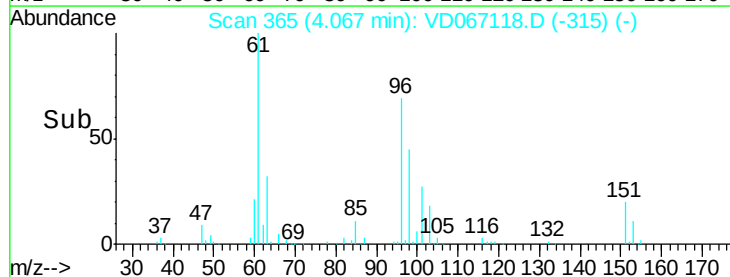
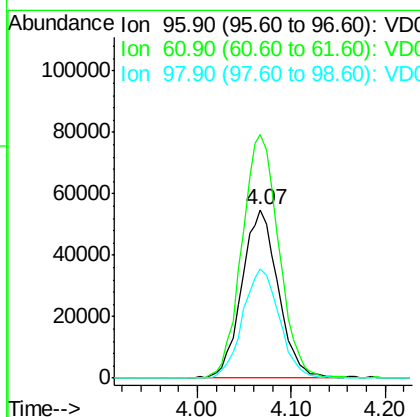
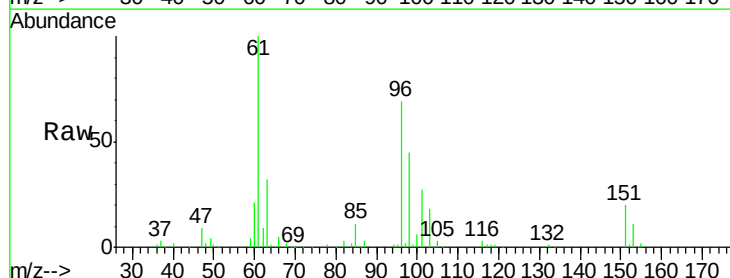
MMDadoda
10/7/2020 12:10:07 PM

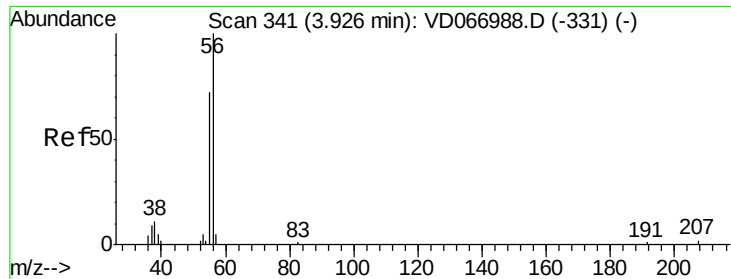


#12

1,1-Dichloroethene
Concen: 46.282 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.3	116.4	174.6
98	64.8	49.9	74.9





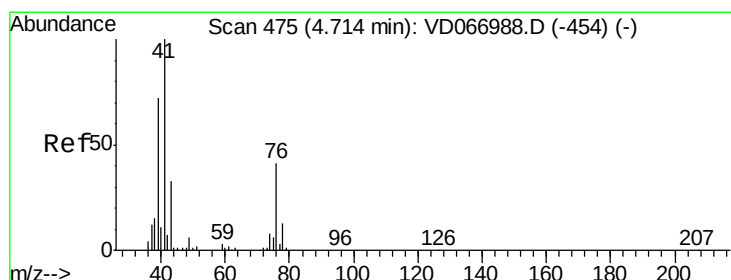
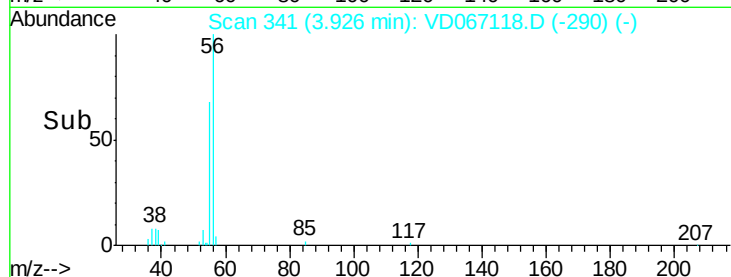
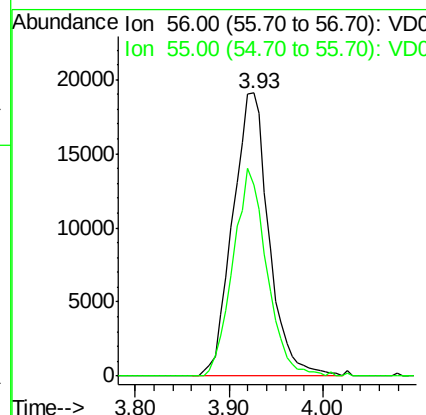
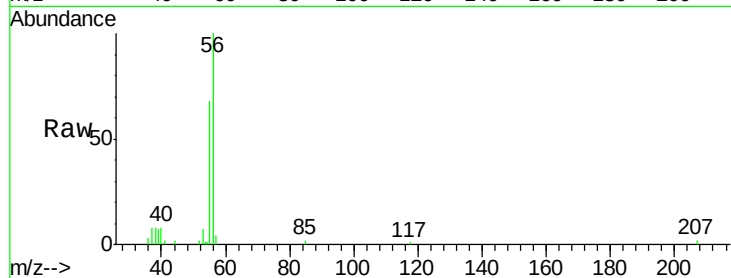
#13
Acrolein
Concen: 236.632 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.3	56.9	85.3

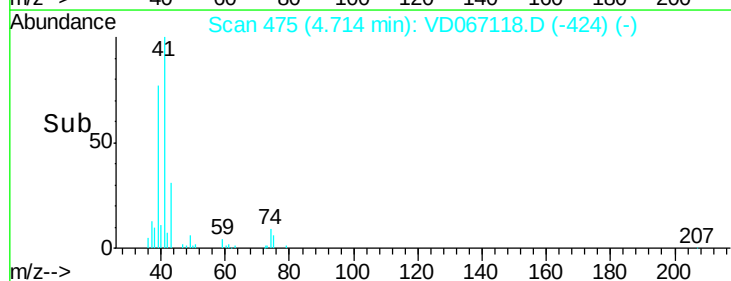
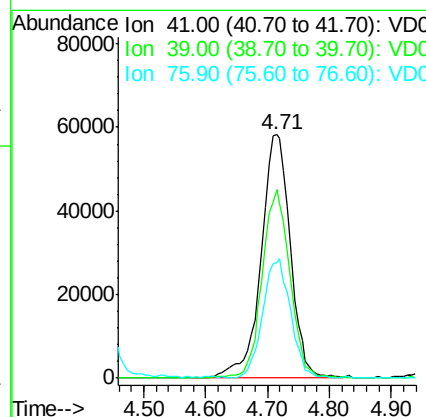
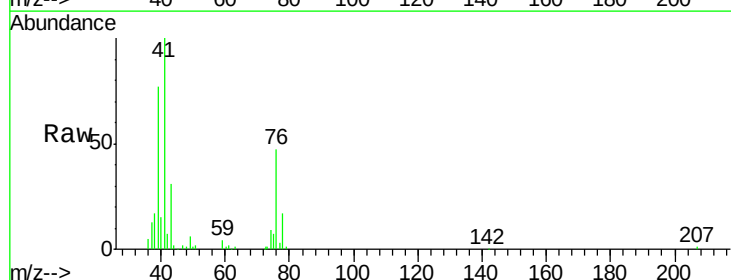
Manual Integrations
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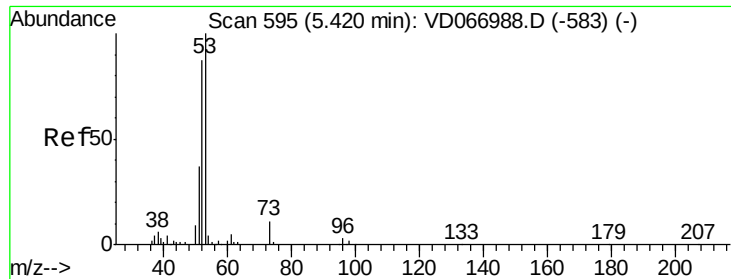
MMDadoda
10/7/2020 12:10:07 PM



#14
Allyl chloride
Concen: 46.857 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.0	56.2	84.2
76	46.6	34.2	51.2





#15

Acrylonitrile

Concen: 257.698 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

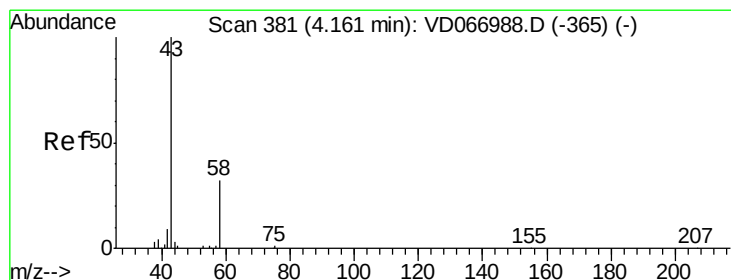
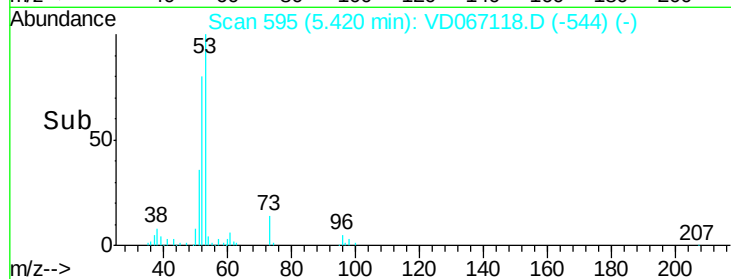
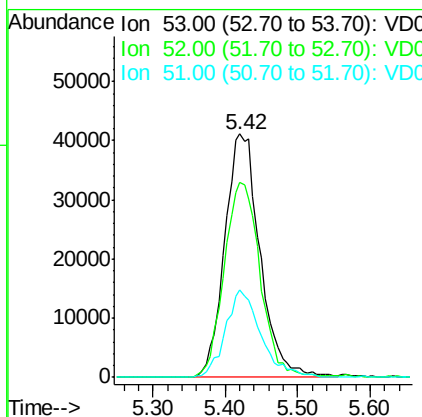
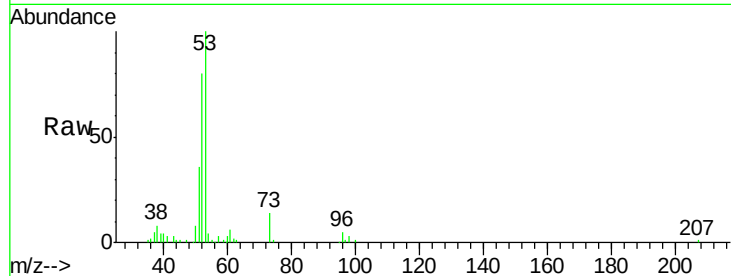
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	139878
Ion	Ratio	Lower	Upper
53	100		
52	80.9	67.3	100.9
51	35.8	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 238.692 ug/l

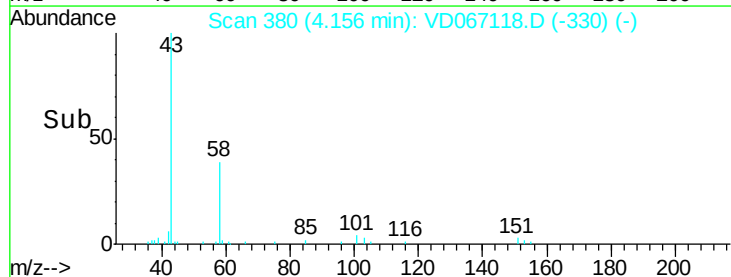
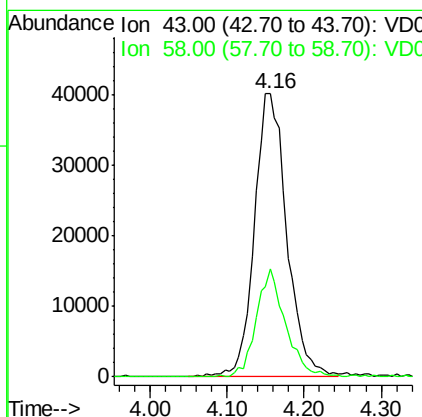
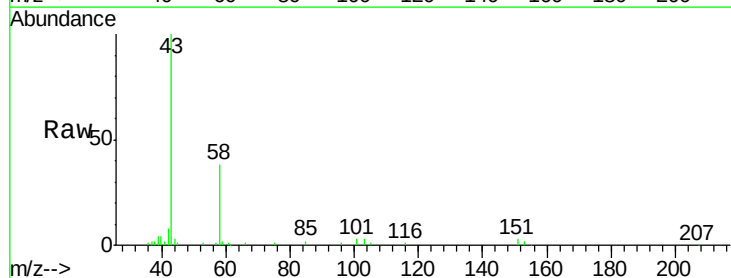
RT: 4.16 min Scan# 380

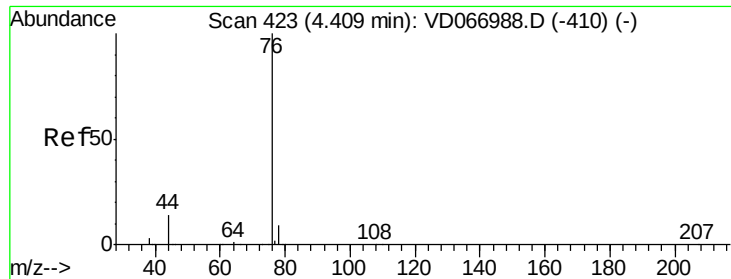
Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	43	Resp:	117649
Ion	Ratio	Lower	Upper
43	100		
58	38.1	25.9	38.9





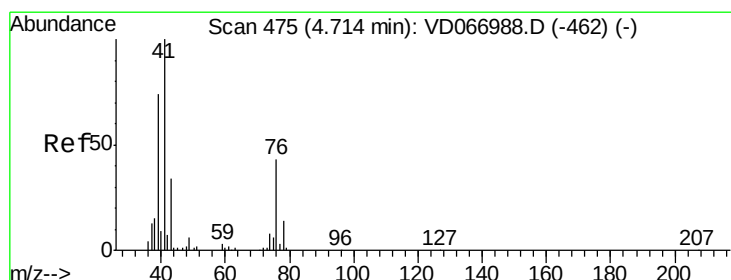
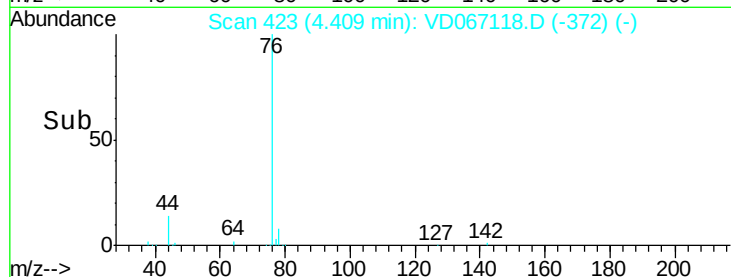
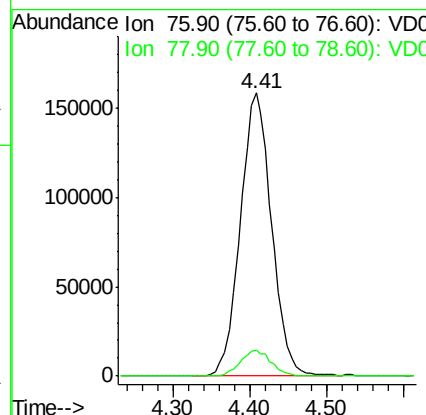
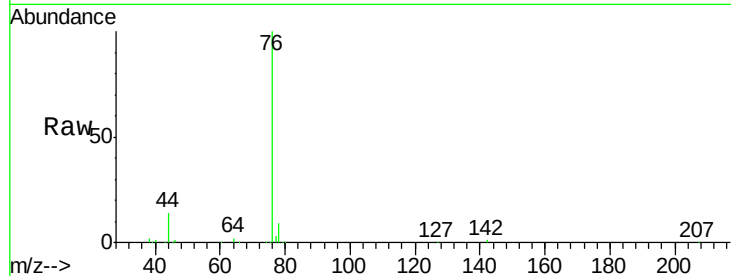
#17
Carbon Disulfide
Concen: 46.329 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

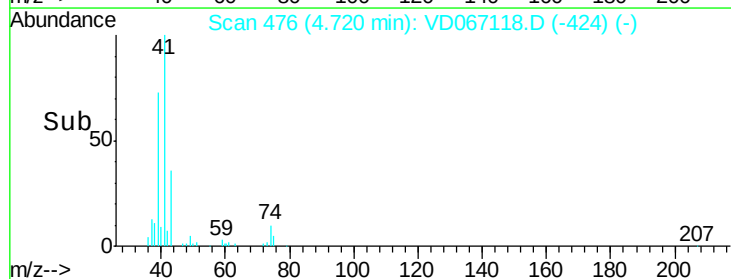
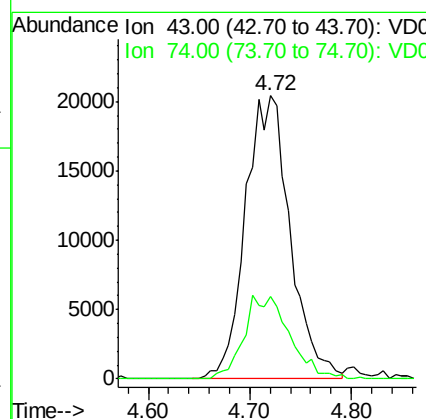
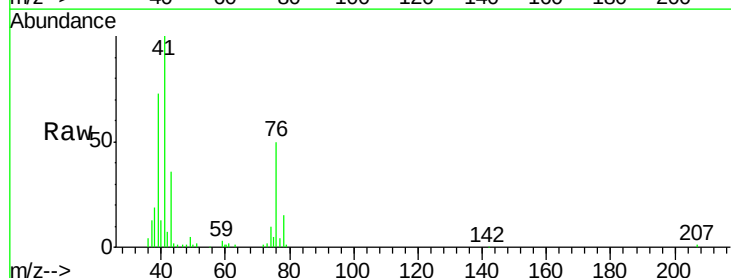
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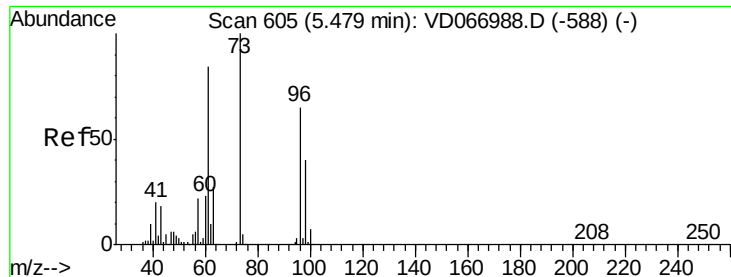
MMDadoda
10/7/2020 12:10:07 PM



#18
Methyl Acetate
Concen: 50.534 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.8	21.5	32.3





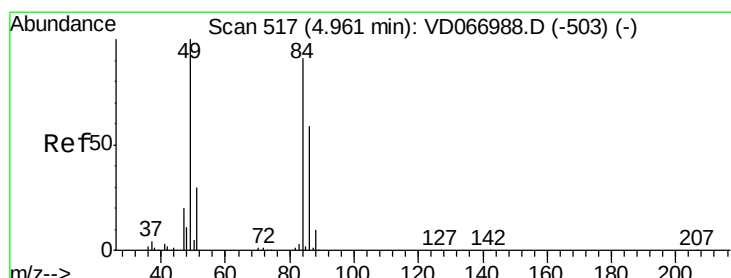
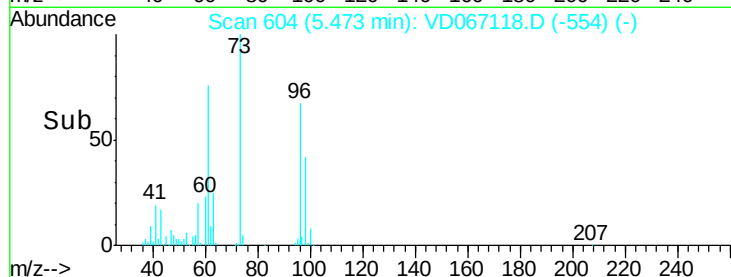
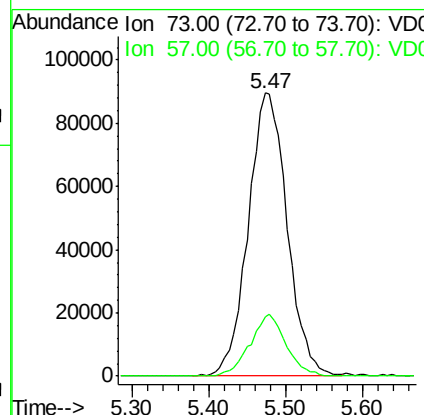
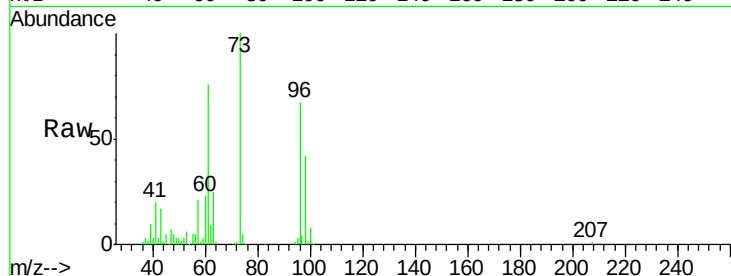
#19
Methyl tert-butyl Ether
Concen: 54.824 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 316266
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

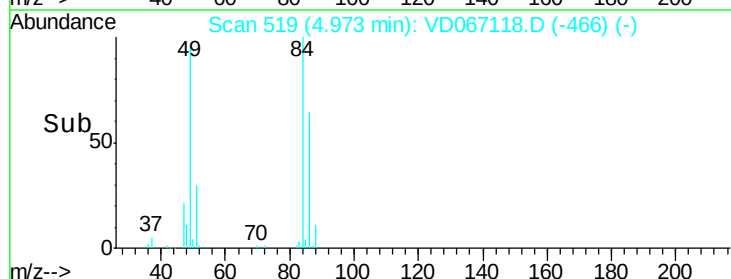
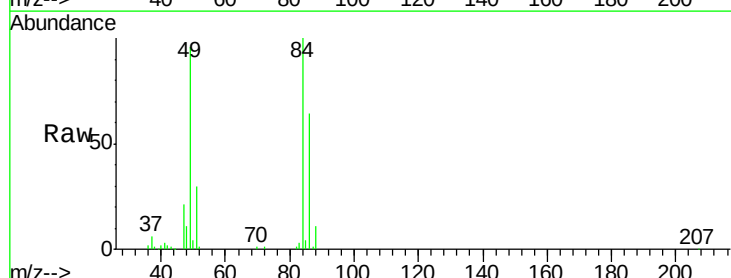
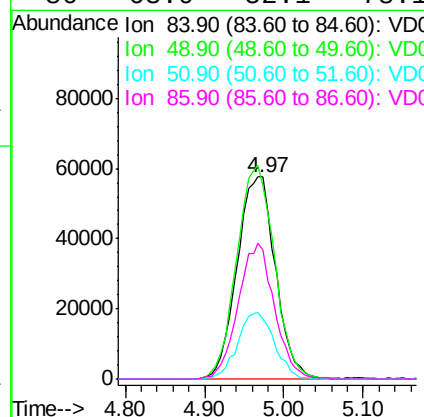
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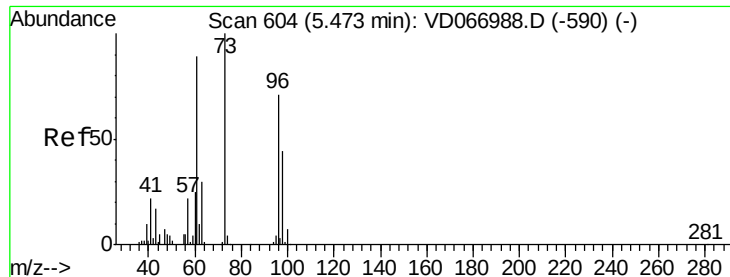
MMDadoda
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#20
Methylene Chloride
Concen: 56.230 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 84 Resp: 193504
Ion Ratio Lower Upper
84 100
49 95.7 88.2 132.2
51 29.9 26.6 39.8
86 63.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.727 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

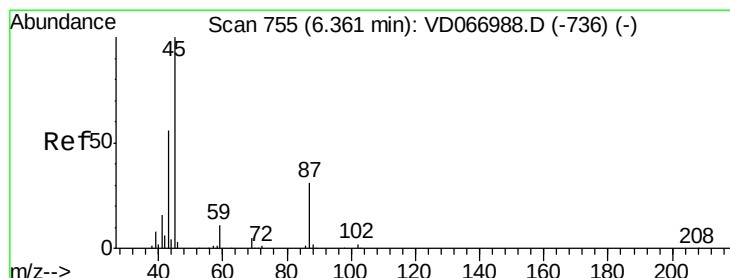
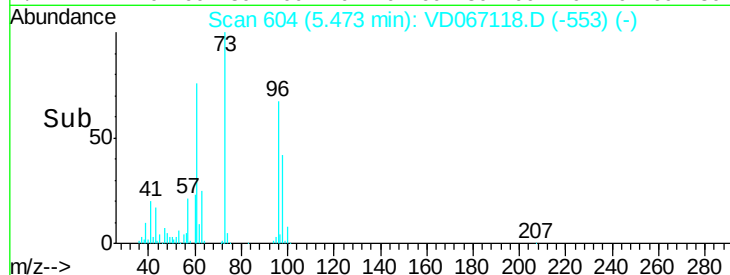
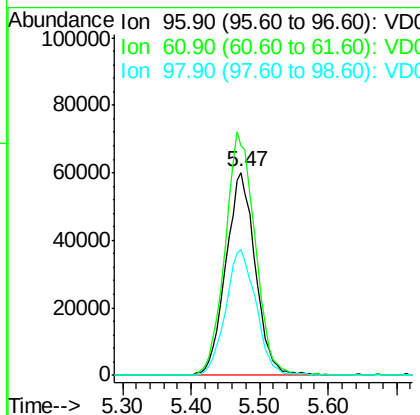
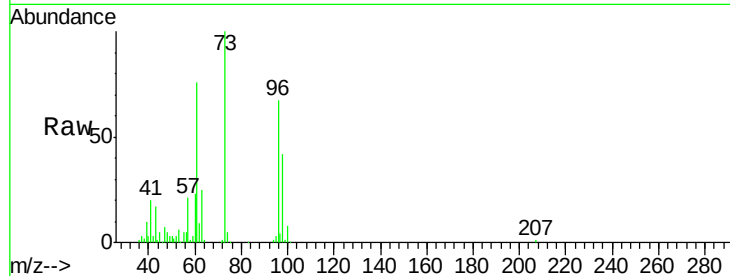
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	178834
Ion	Ratio	Lower	Upper
96	100		
61	113.0	99.6	149.4
98	62.0	49.4	74.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.722 ug/l

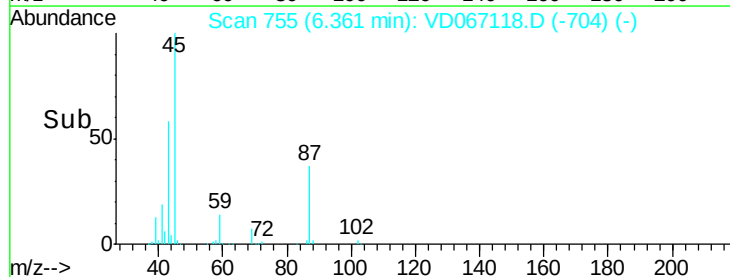
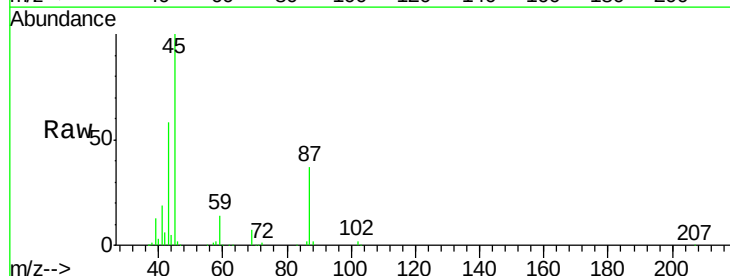
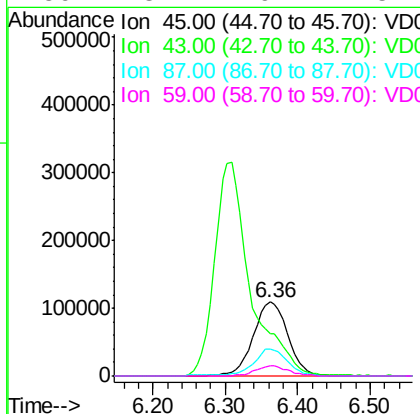
RT: 6.36 min Scan# 755

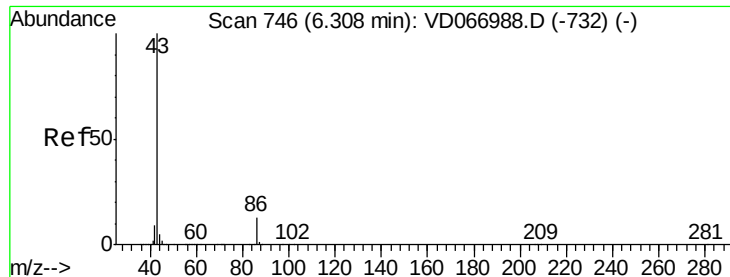
Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	45	Resp:	365157
Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.2	67.8
87	36.9	25.6	38.4
59	13.4	9.1	13.7





#23

Vinyl Acetate

Concen: 255.302 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1084259

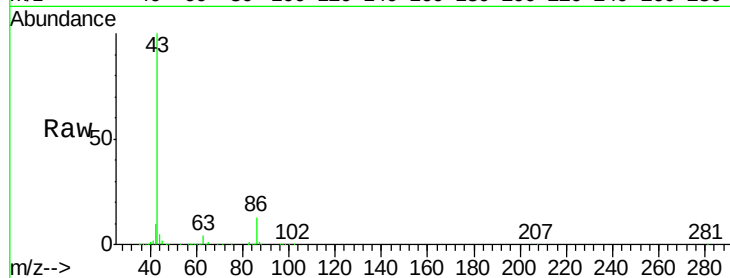
Ion Ratio Lower Upper

43 100

86 13.0 10.2 15.2

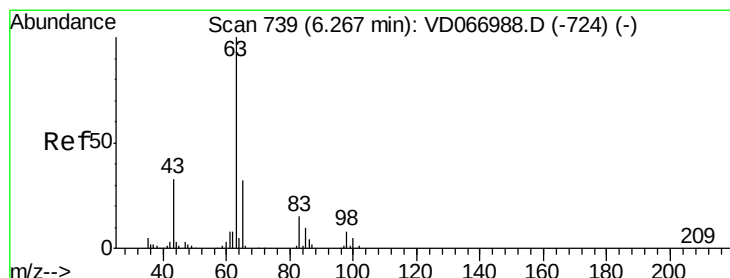
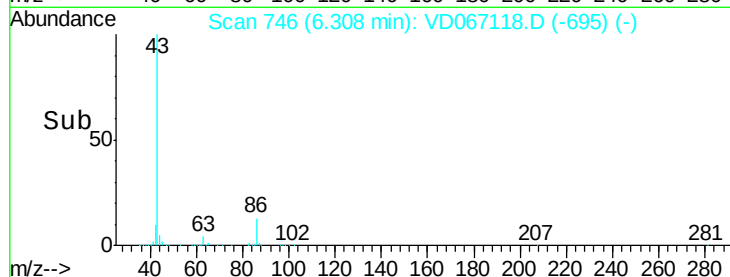
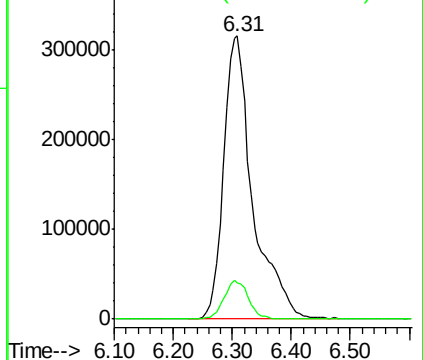
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.344 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

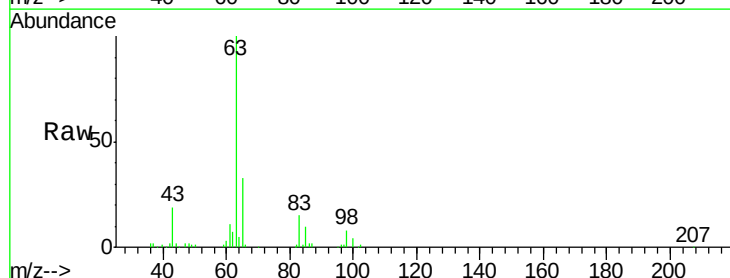
Tgt Ion: 63 Resp: 285408

Ion Ratio Lower Upper

63 100

98 7.6 4.2 12.6

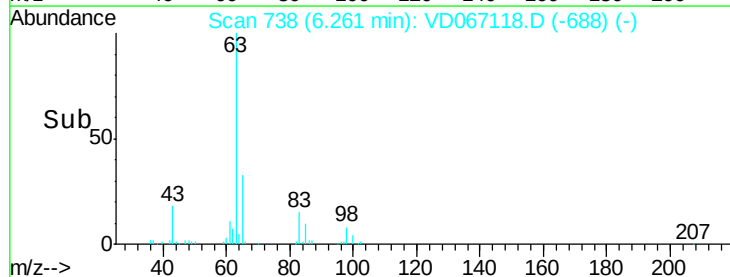
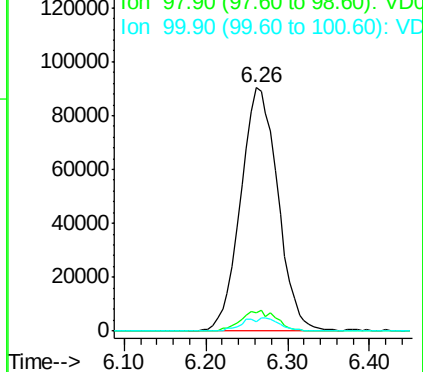
100 3.6 2.6 7.8

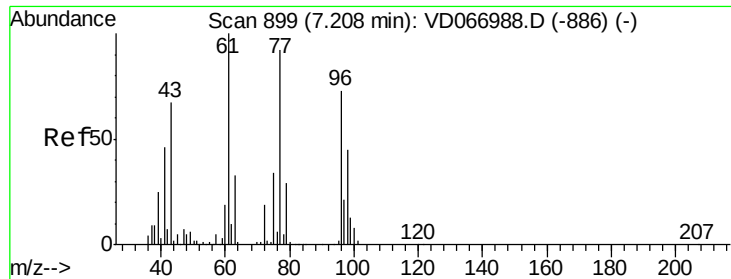


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





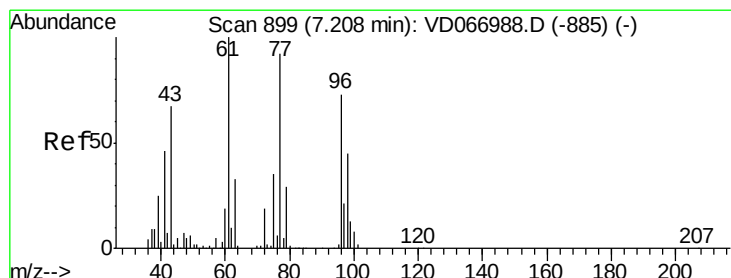
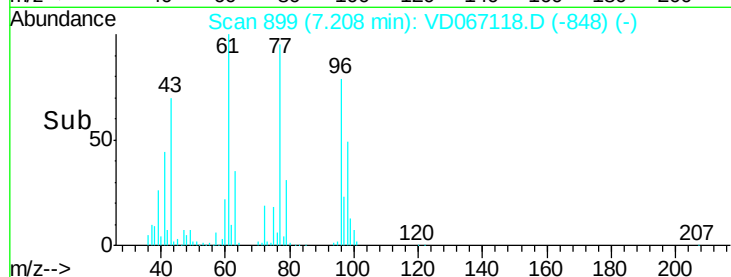
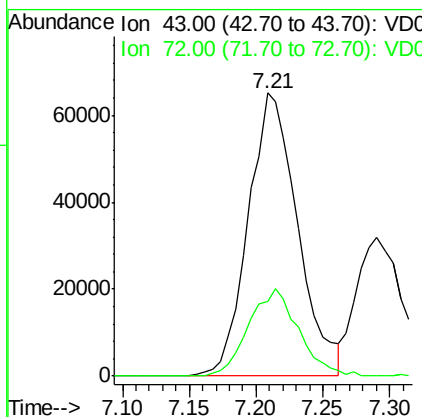
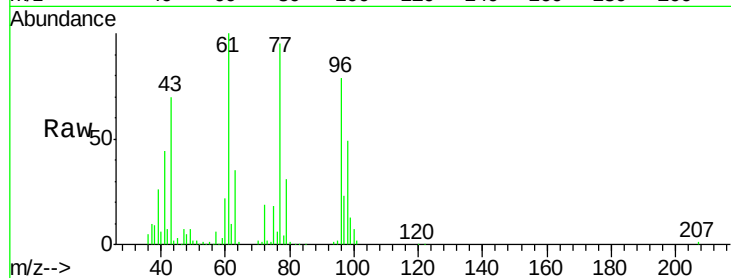
#25
2-Butanone
Concen: 239.864 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	167618
Ion Ratio	100	Lower	Upper
72	26.4	22.8	34.2

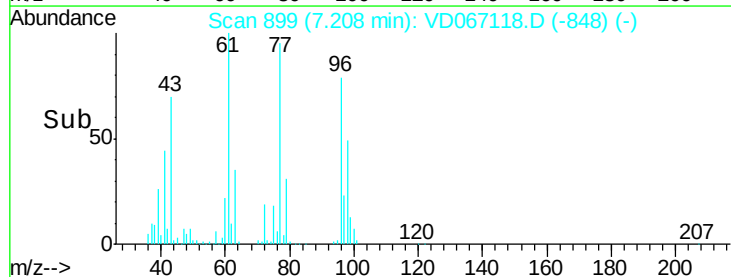
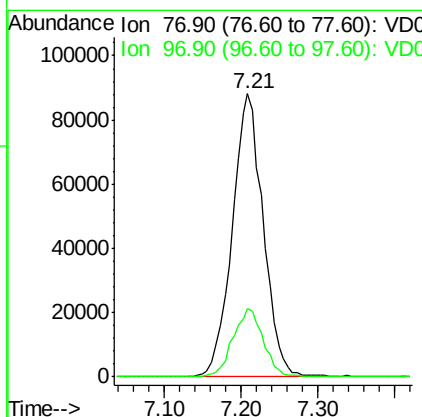
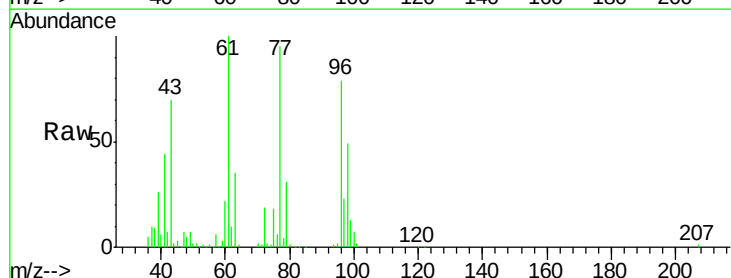
Manual Integrations
APPROVED

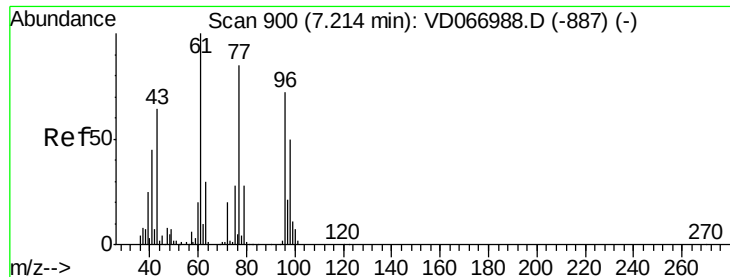
MMDadoda
10/7/2020 12:10:07 PM



#26
2,2-Dichloropropane
Concen: 50.092 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	77	Resp	247713
Ion Ratio	100	Lower	Upper
97	23.6	11.4	34.2





#27

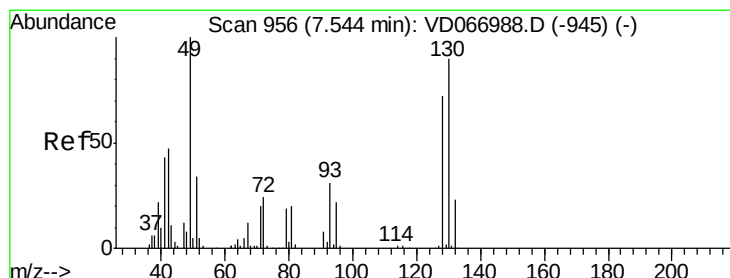
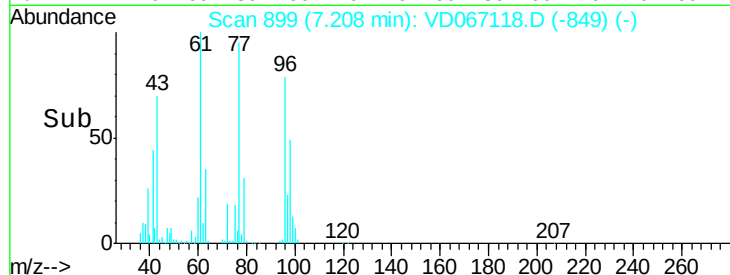
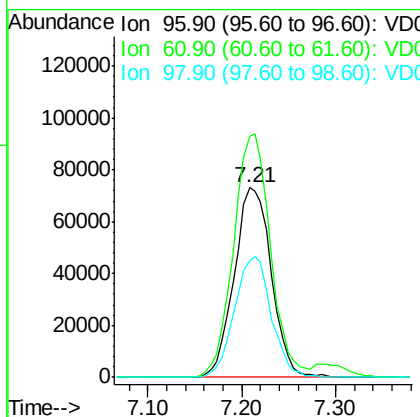
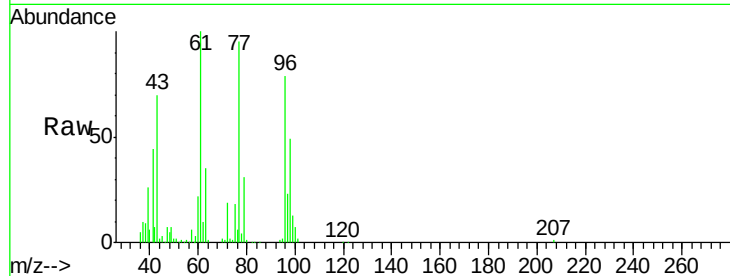
cis-1,2-Dichloroethene
 Concen: 51.990 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	269.2
98	63.4	0.0	129.4

Manual Integrations
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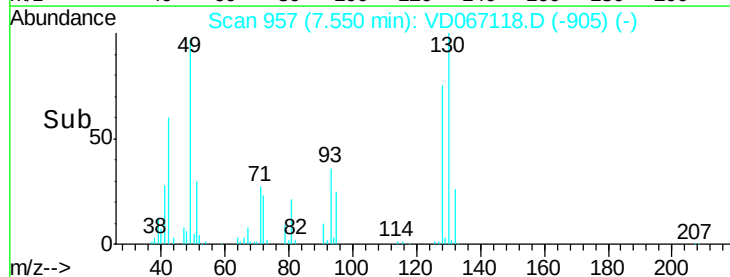
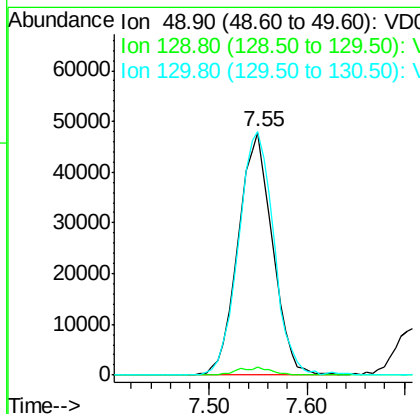
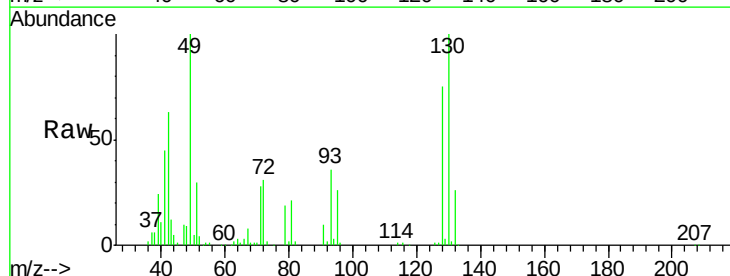
MMDadoda
 10/7/2020 12:10:07 PM

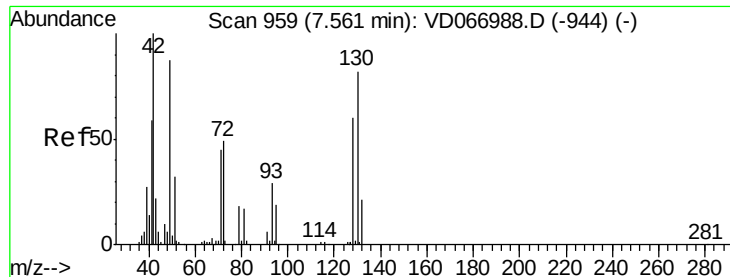


#28

Bromochloromethane
 Concen: 52.313 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	4.6
130	103.1	74.1	111.1





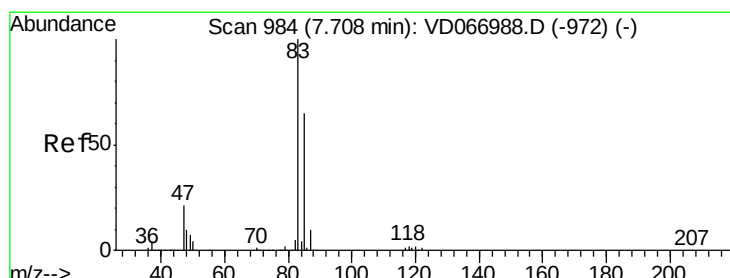
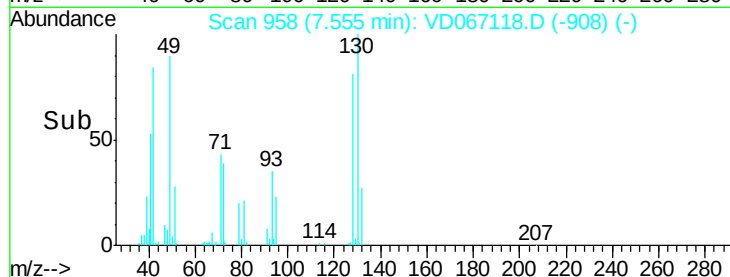
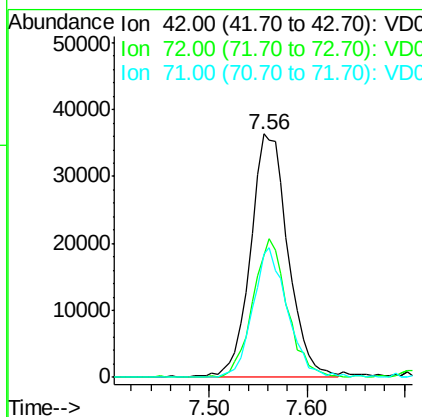
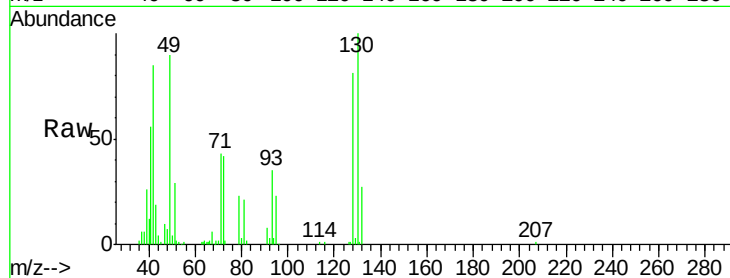
#29
Tetrahydrofuran
Concen: 242.850 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	39.1	58.7
71	49.2	34.2	51.4

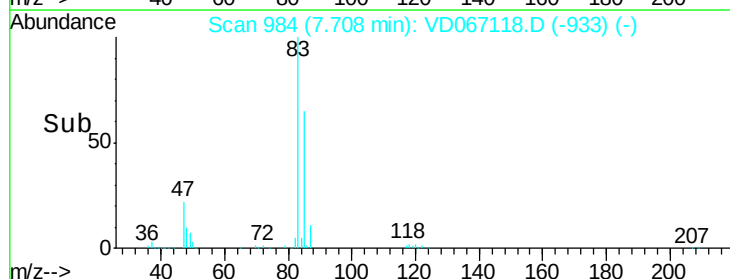
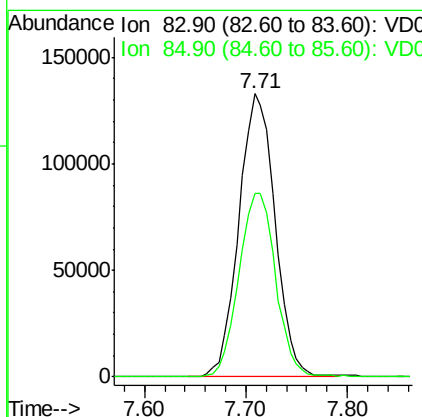
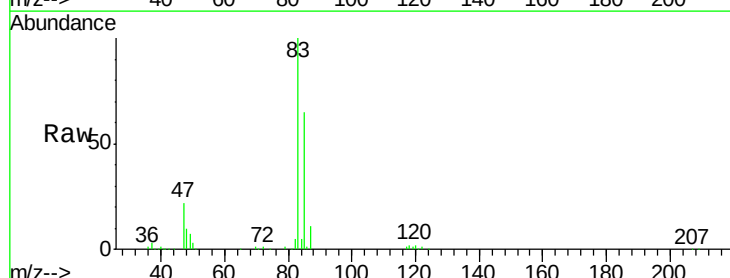
Manual Integrations
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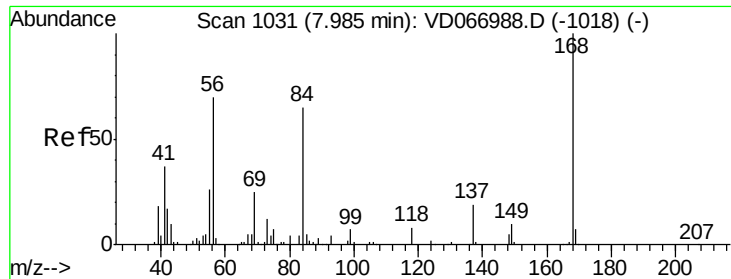
MMDadoda
10/7/2020 12:10:07 PM



#30
Chloroform
Concen: 52.419 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.3	78.5





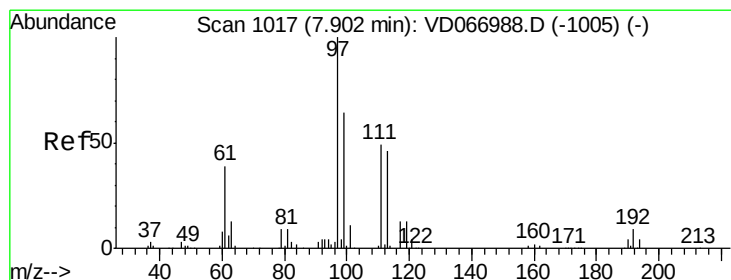
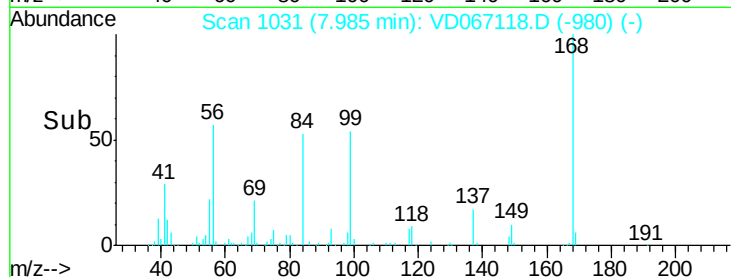
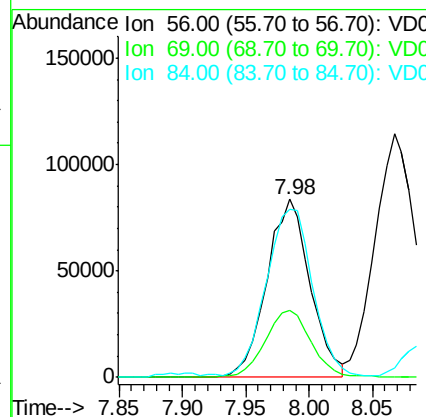
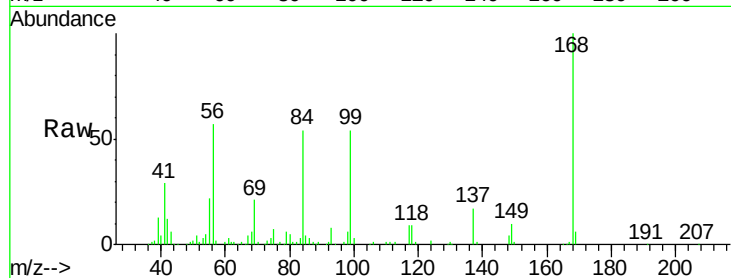
#31
Cyclohexane
Concen: 41.013 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	29.0	43.6
84	92.5	74.2	111.2

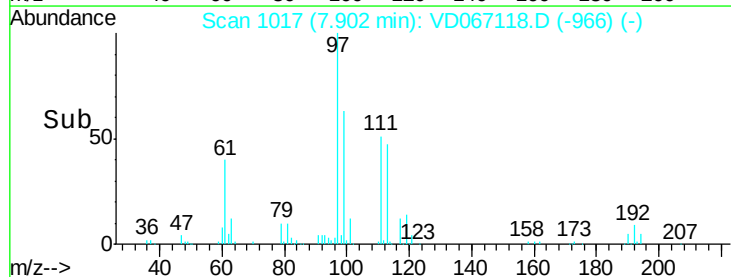
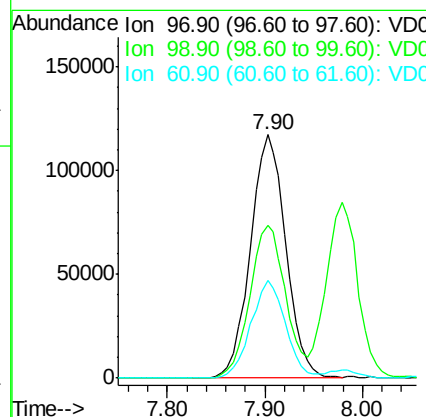
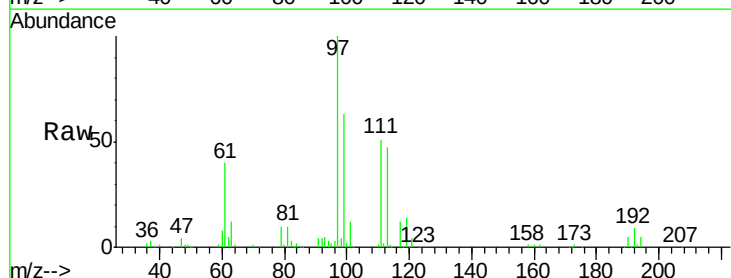
Manual Integrations
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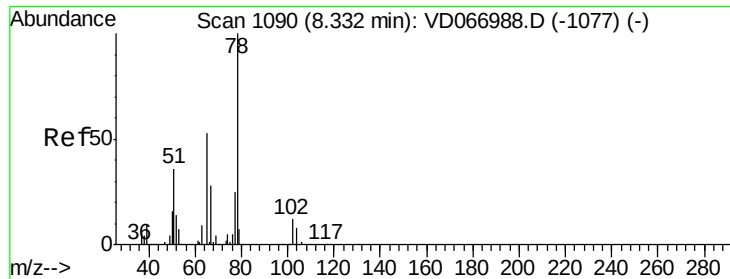
MMDadoda
10/7/2020 12:10:07 PM



#32
1,1,1-Trichloroethane
Concen: 51.244 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.6	78.8
61	39.1	32.8	49.2





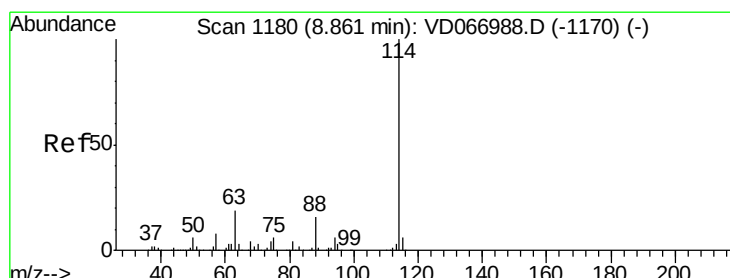
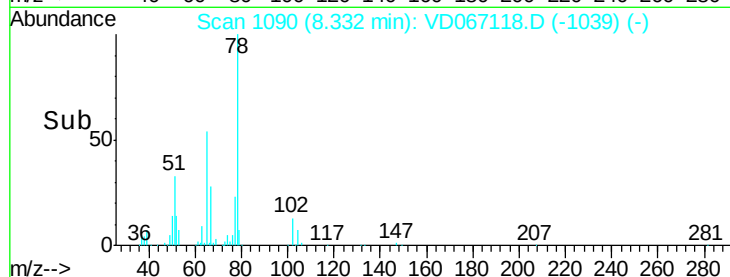
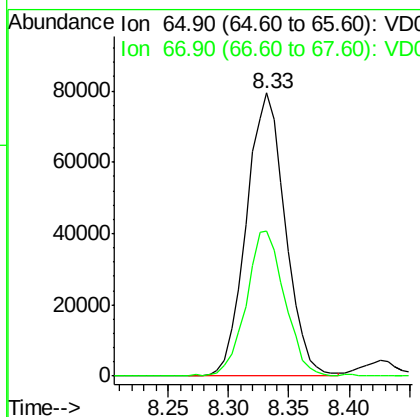
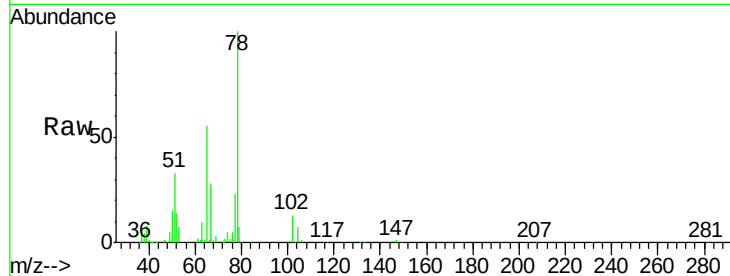
#33
 1,2-Dichloroethane-d4
 Concen: 55.208 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	106.8

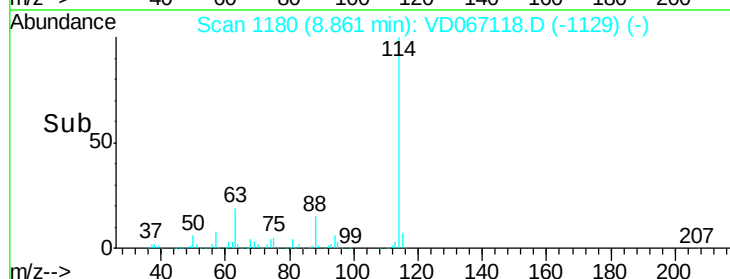
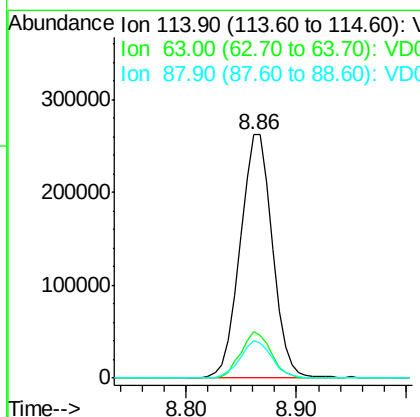
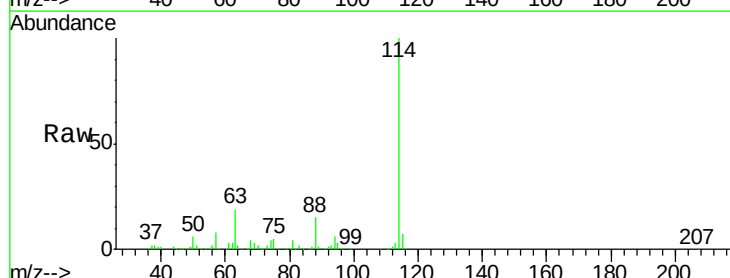
Manual Integrations
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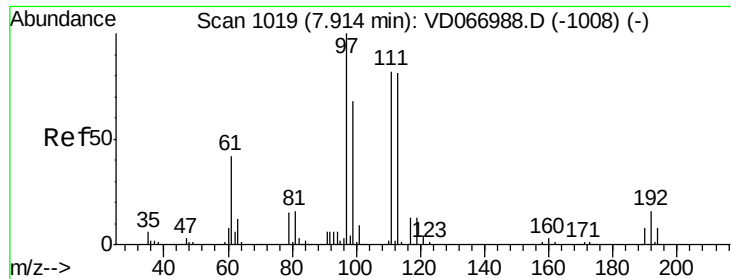
MMDadoda
 10/7/2020 12:10:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	15.3	0.0	31.2





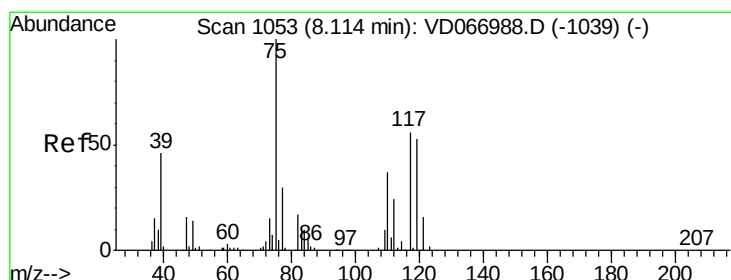
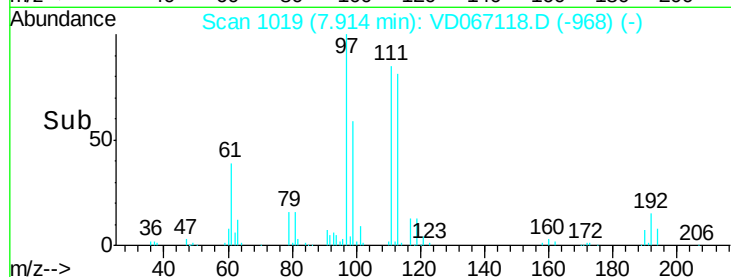
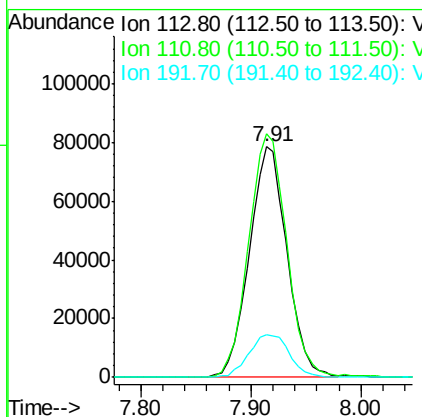
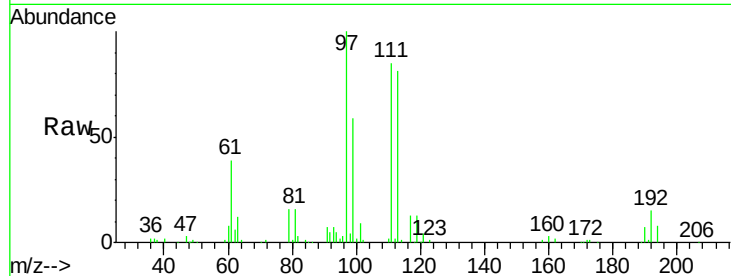
#35
 Dibromofluoromethane
 Concen: 52.992 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.0	83.0	124.4
192	20.1	15.5	23.3

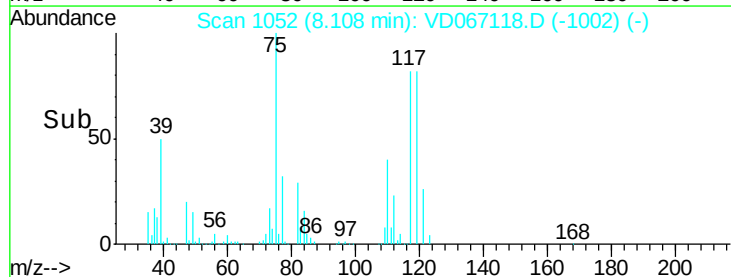
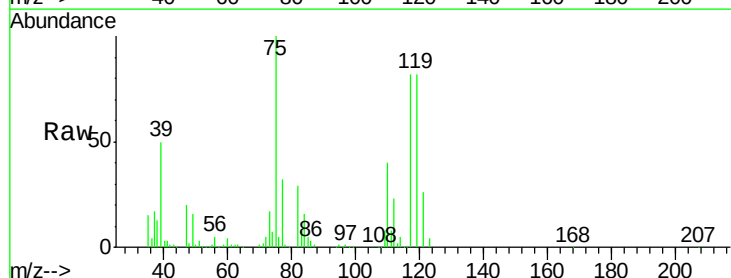
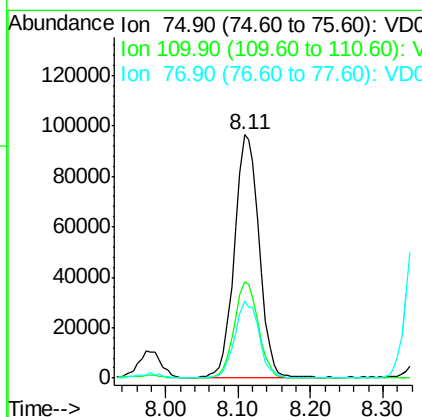
Manual Integrations
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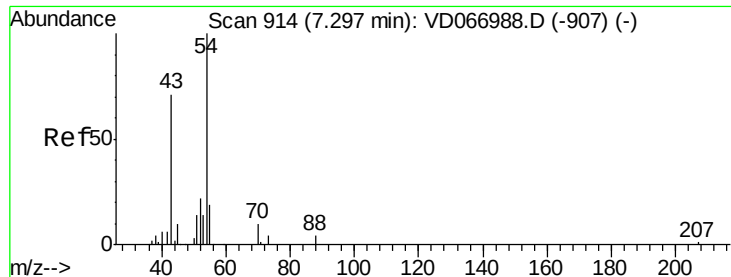
MMDadoda
 10/7/2020 12:10:07 PM



#36
 1,1-Dichloropropene
 Concen: 45.517 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.4	55.0
77	31.1	24.8	37.2





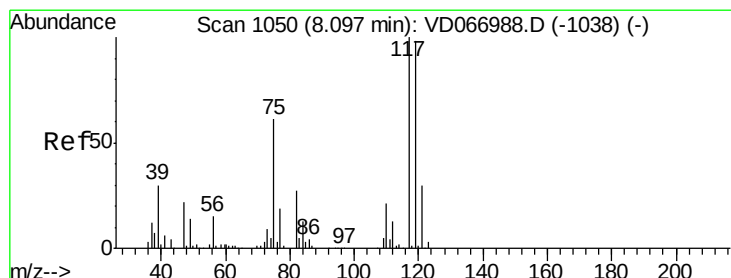
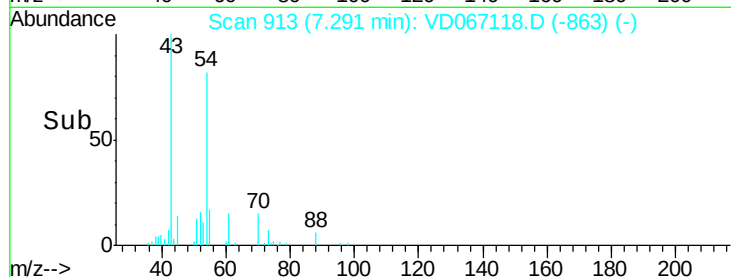
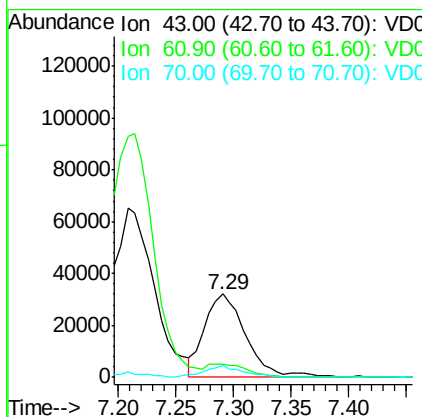
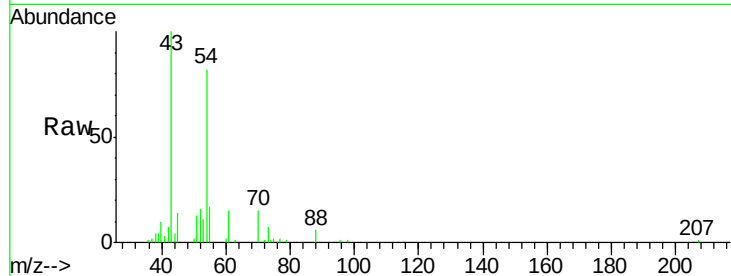
#37
Ethyl Acetate
Concen: 44.853 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.5	12.5	18.7	
70	13.4	9.4	14.0	

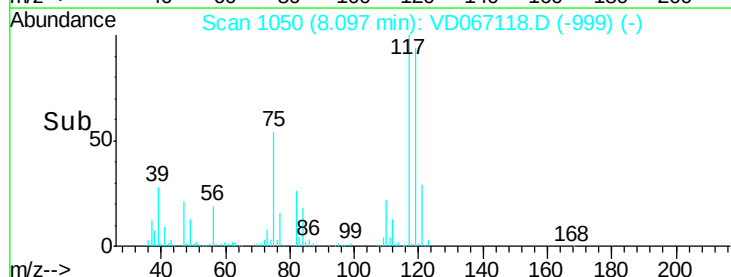
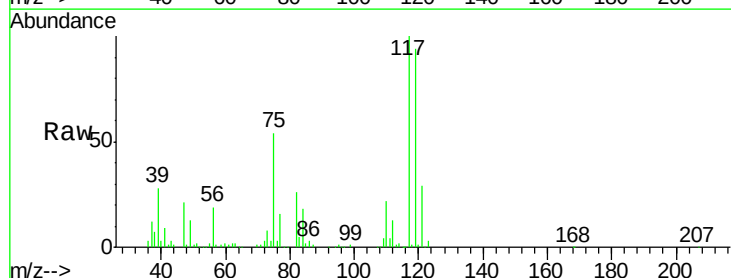
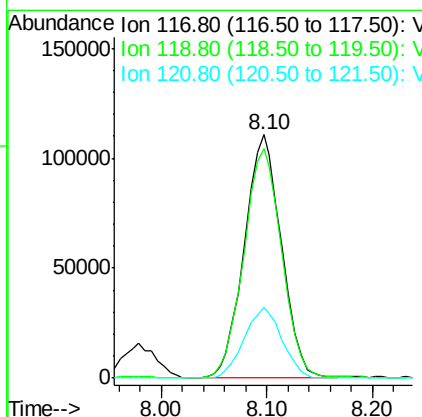
Manual Integrations
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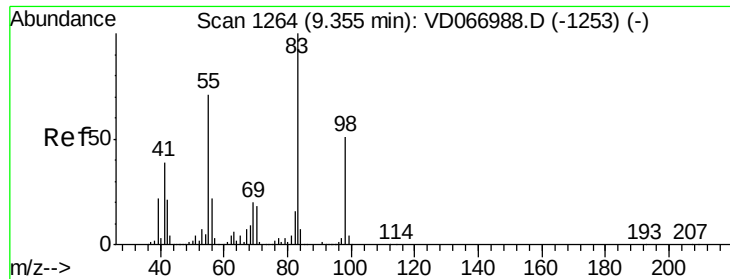
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10/7/2020 12:10:07 PM



#38
Carbon Tetrachloride
Concen: 49.564 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	94.4	78.7	118.1	
121	29.1	24.2	36.2	





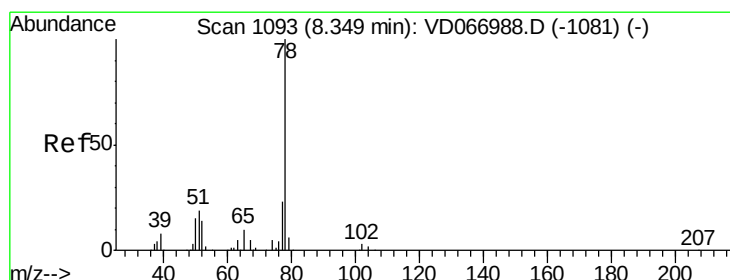
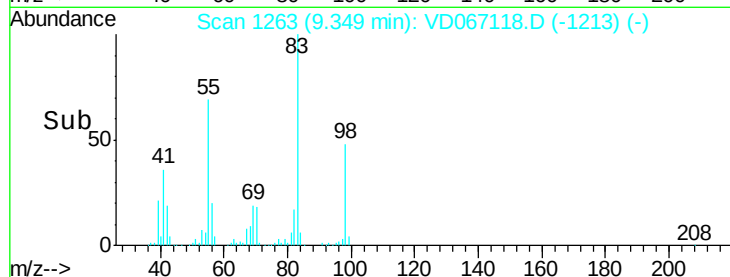
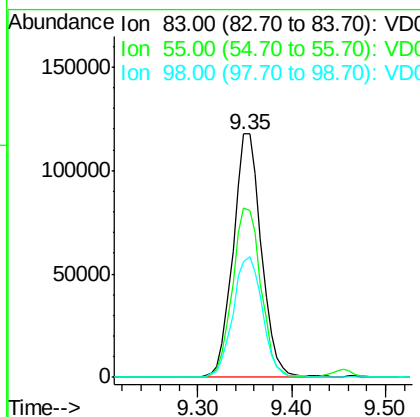
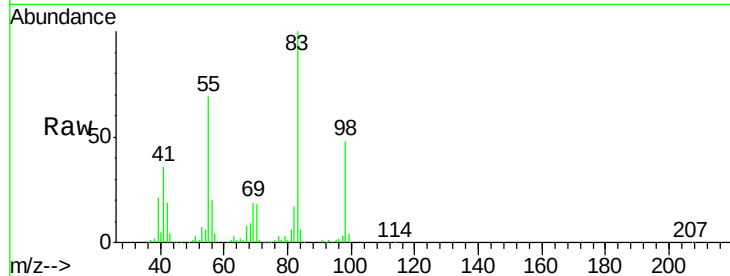
#39
Methylvlcyclohexane
Concen: 46.060 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	57.1	85.7
98	47.7	40.9	61.3

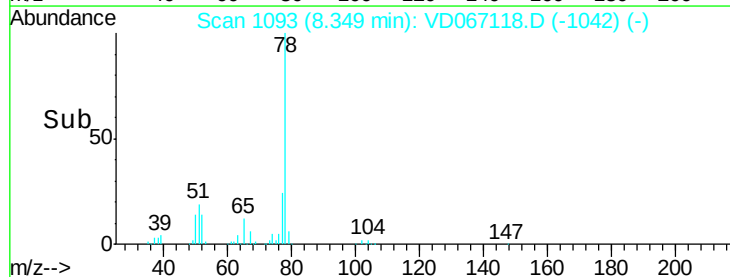
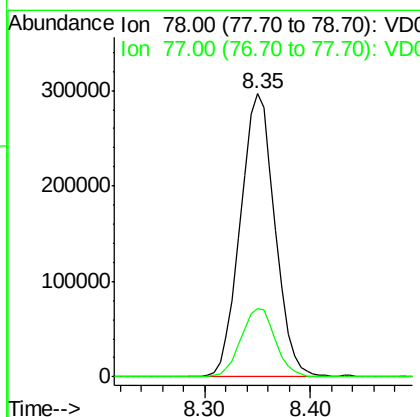
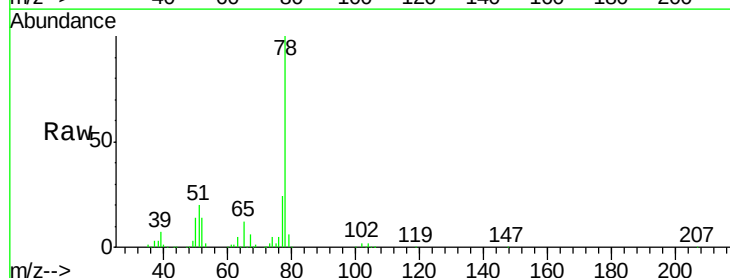
Manual Integrations
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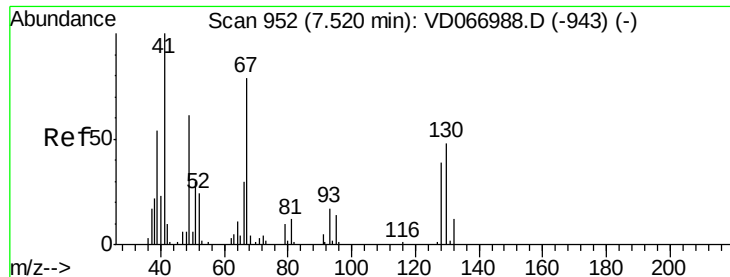
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#40
Benzene
Concen: 48.189 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.4	27.6





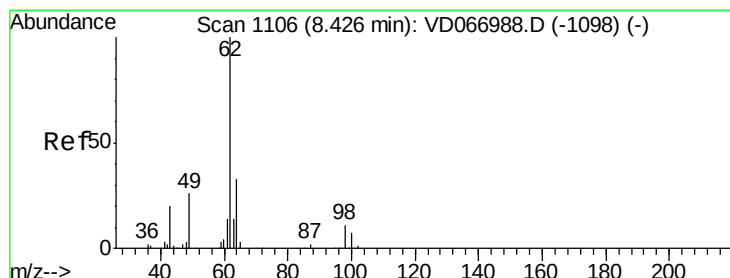
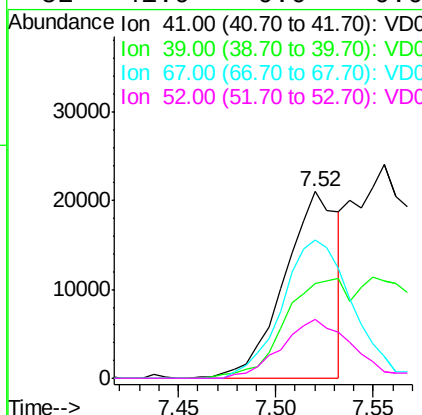
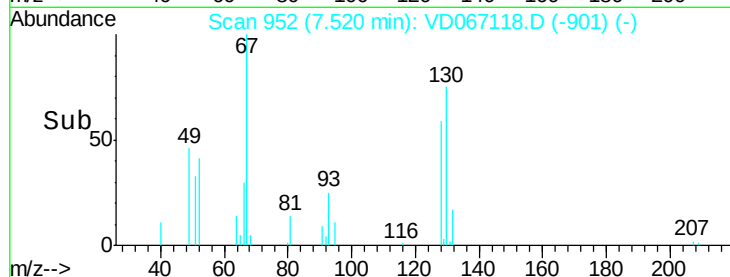
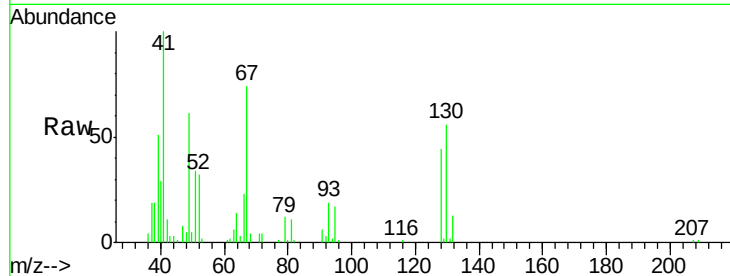
#41
Methacrylonitrile
Concen: 42.594 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.8	0.0	0.0#
67	97.9	0.0	0.0#
52	41.9	0.0	0.0#

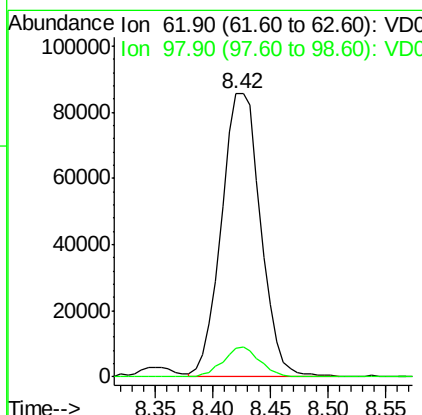
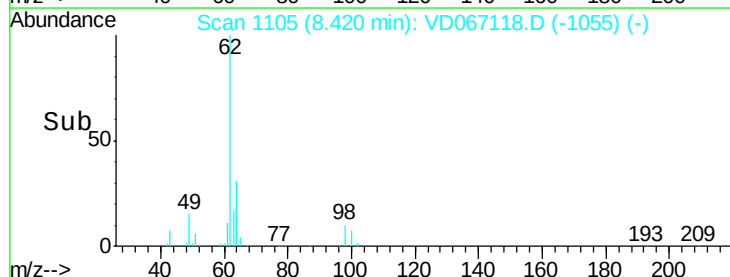
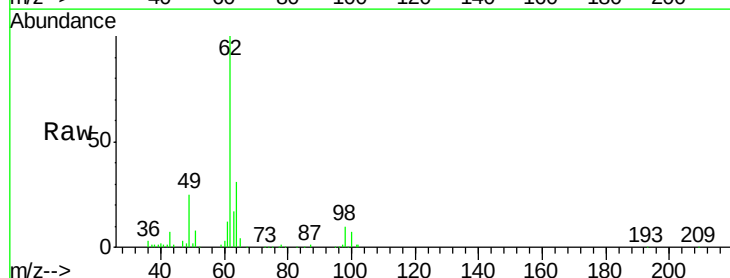
Manual Integrations
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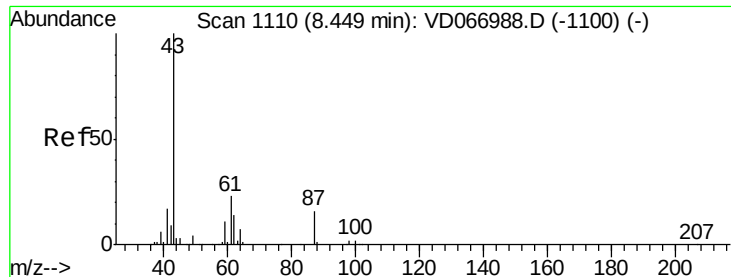
MMDadoda
10/7/2020 12:10:07 PM



#42
1,2-Dichloroethane
Concen: 51.430 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	22.6





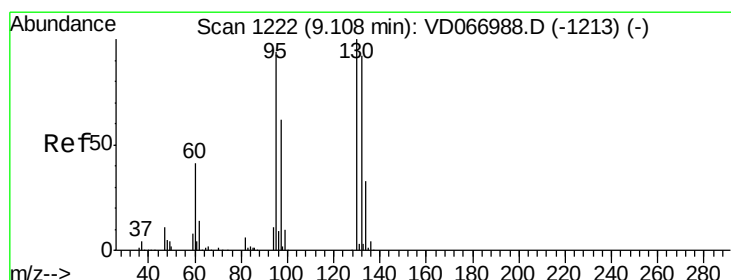
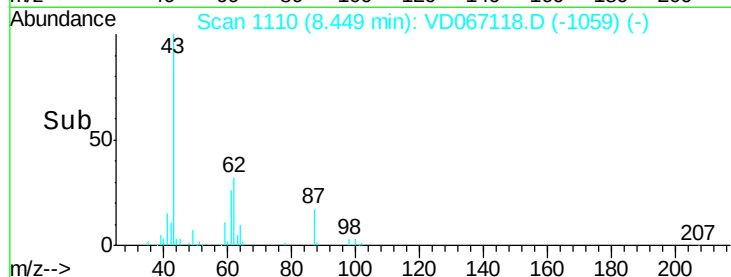
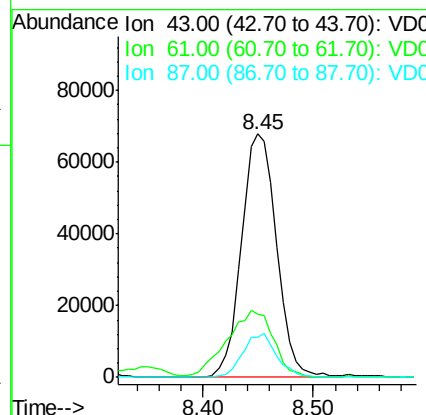
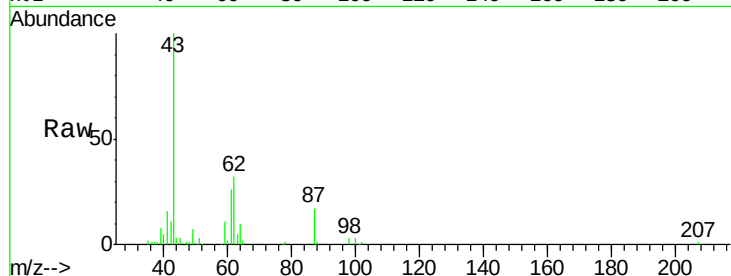
#43
Isopropyl Acetate
Concen: 47.199 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	151861
Ion Ratio	100	Lower	Upper
43	100		
61	36.3	27.1	40.7
87	17.1	12.3	18.5

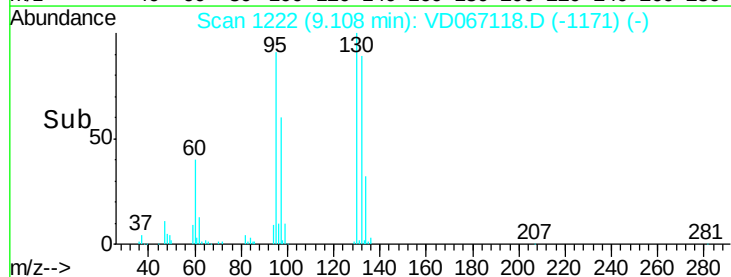
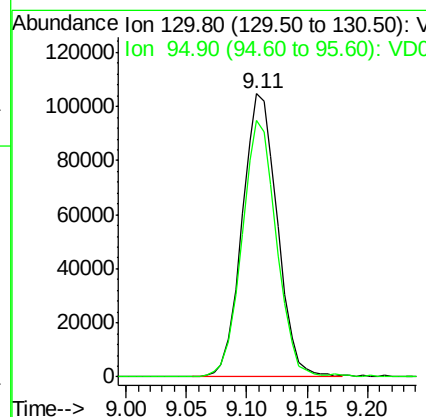
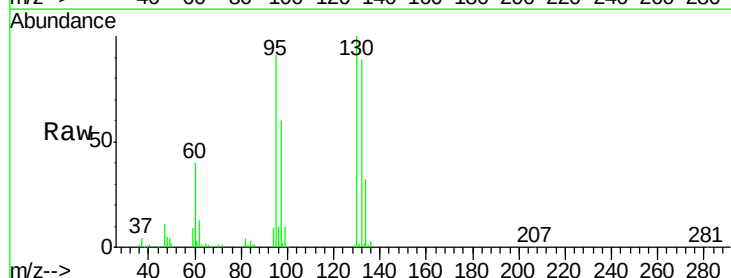
Manual Integrations
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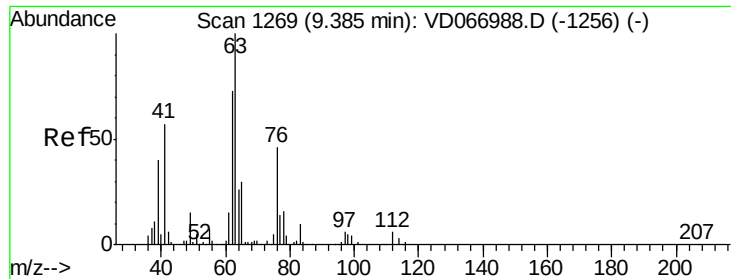
MMDadoda
10/7/2020 12:10:07 PM



#44
Trichloroethene
Concen: 50.804 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	130	Resp	212433
Ion Ratio	100	Lower	Upper
130	100		
95	90.8	0.0	187.8





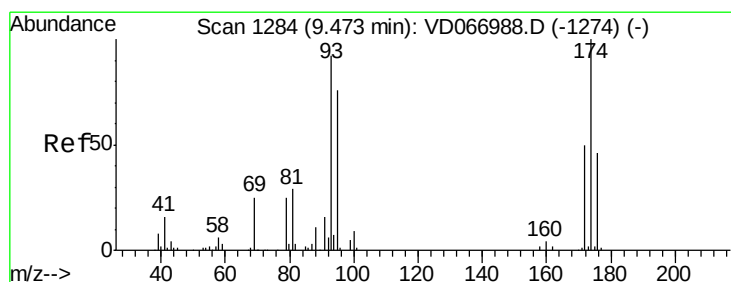
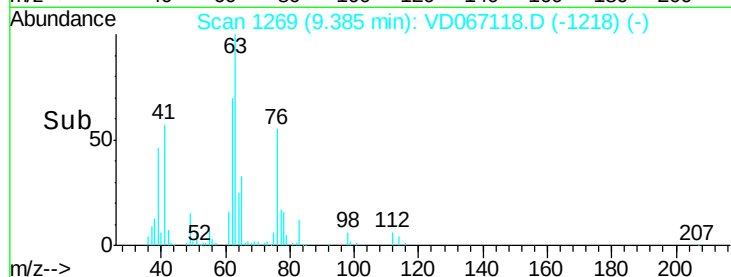
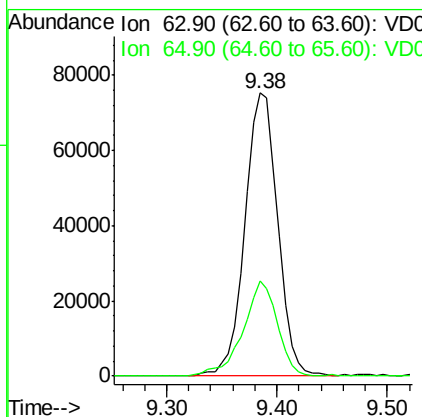
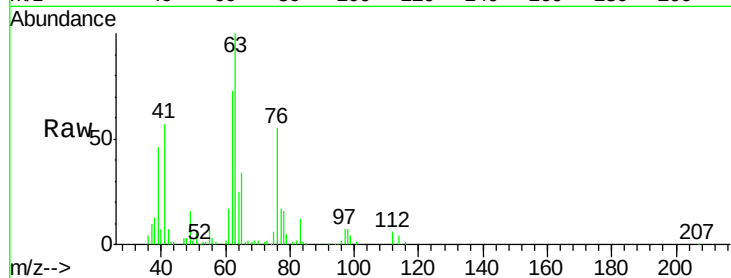
#45
 1,2-Dichloropropane
 Concen: 47.878 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 157526
 Ion Ratio Lower Upper
 63 100
 65 33.8 23.7 35.5

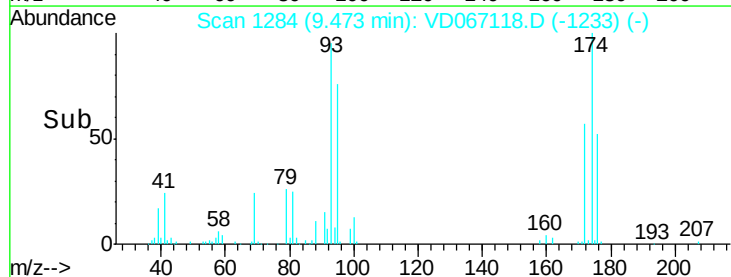
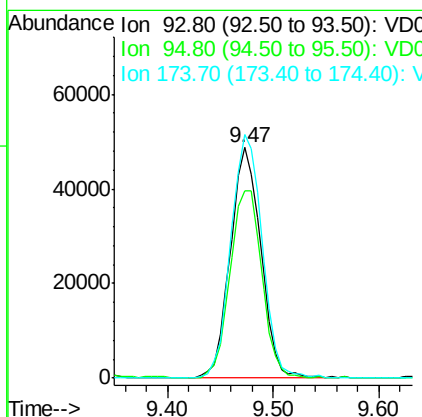
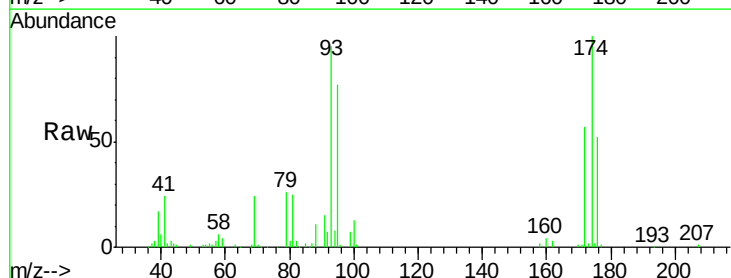
Manual Integrations
 APPROVED

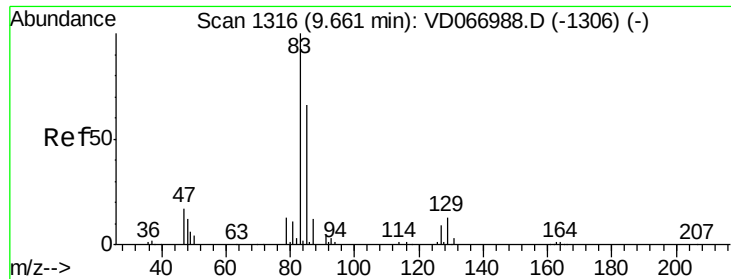
MMDadoda
 10/7/2020 12:10:07 PM



#46
 Dibromomethane
 Concen: 51.535 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 93 Resp: 97455
 Ion Ratio Lower Upper
 93 100
 95 85.0 64.7 97.1
 174 108.0 81.4 122.2





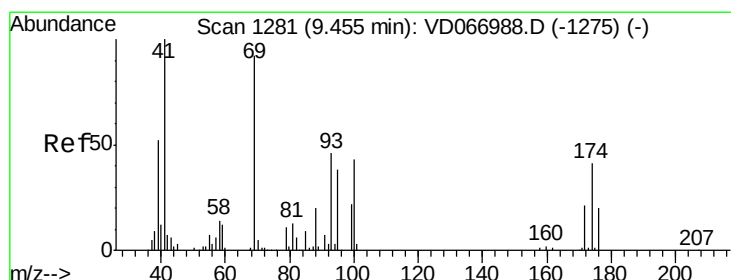
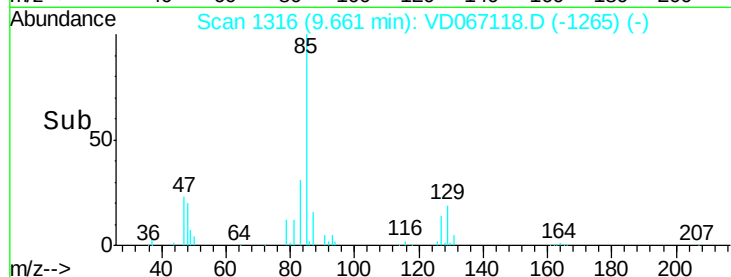
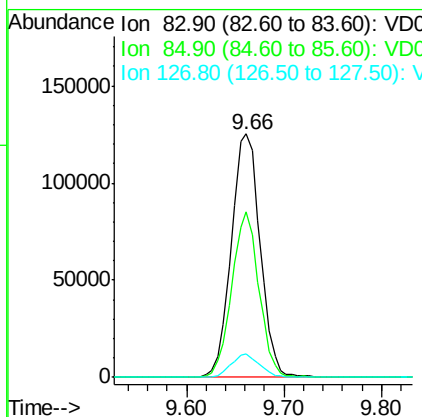
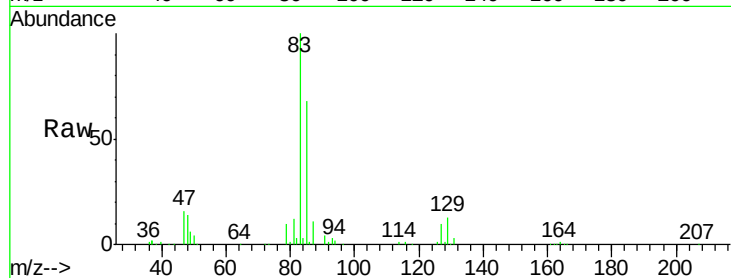
#47
Bromodichloromethane
Concen: 52.285 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.9	79.3
127	9.5	7.3	10.9

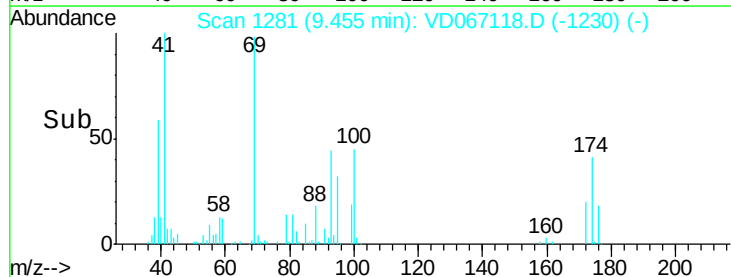
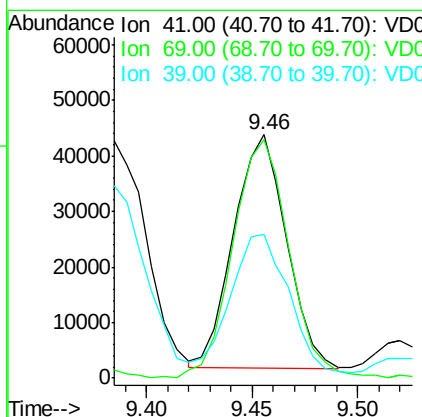
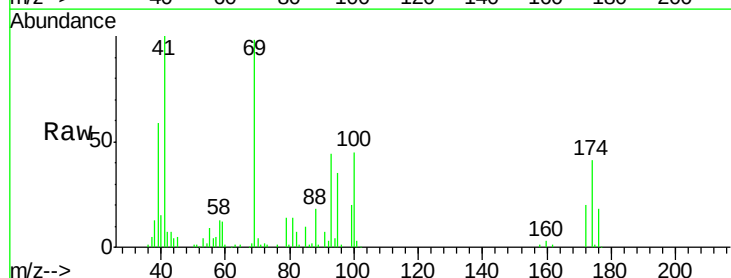
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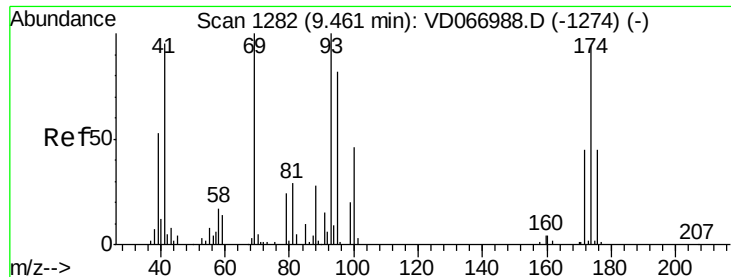
MMDadoda
10/7/2020 12:10:07 PM



#48
Methyl methacrylate
Concen: 44.328 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	108.0	68.5	102.7#
39	70.4	40.2	60.2#





#49

1,4-Dioxane

Concen: 975.308 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

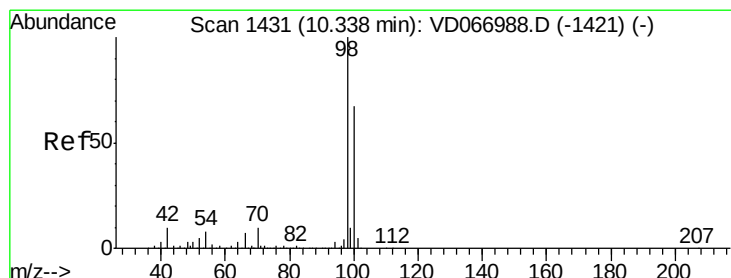
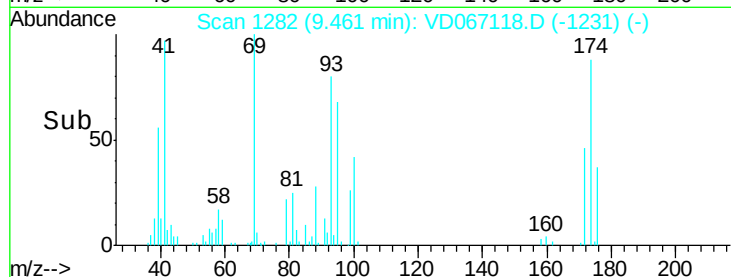
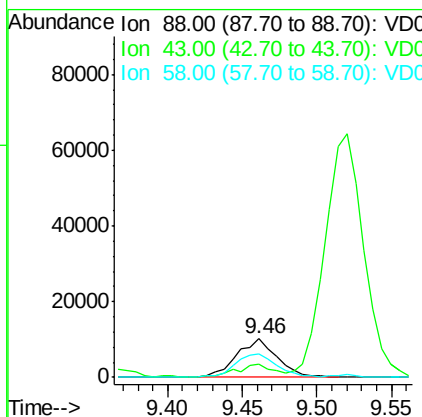
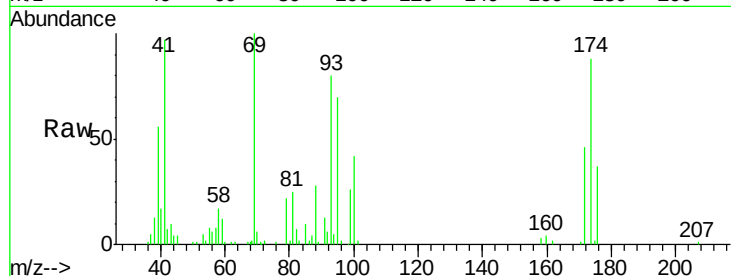
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	19249
Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.6	38.4
58	63.1	53.5	80.3

Manual Integrations
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#50

Toluene-d8

Concen: 52.116 ug/l

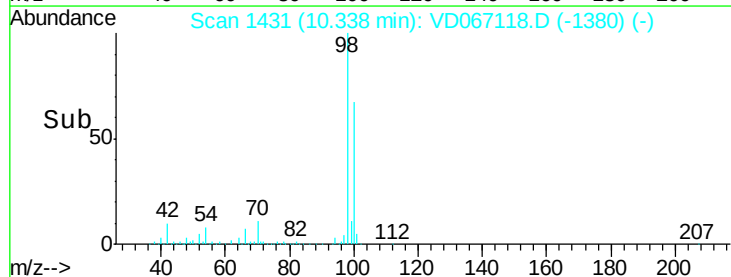
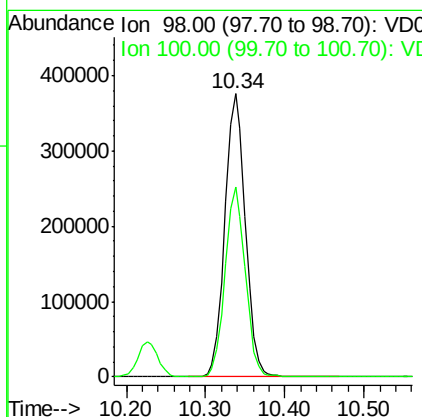
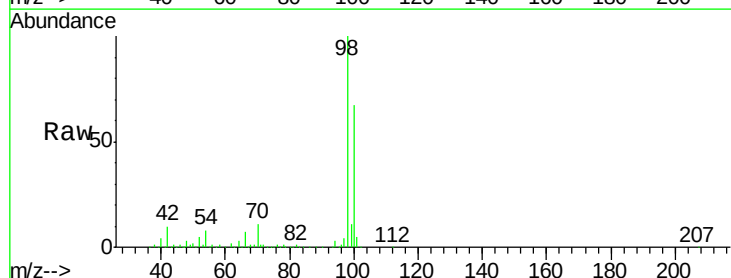
RT: 10.34 min Scan# 1431

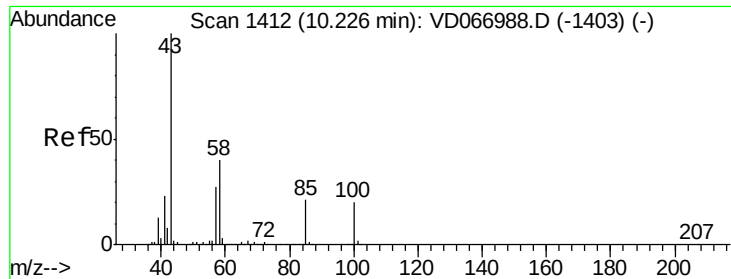
Delta R.T. -0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	98	Resp:	672450
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 242.408 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 388484

Ion Ratio Lower Upper

43 100

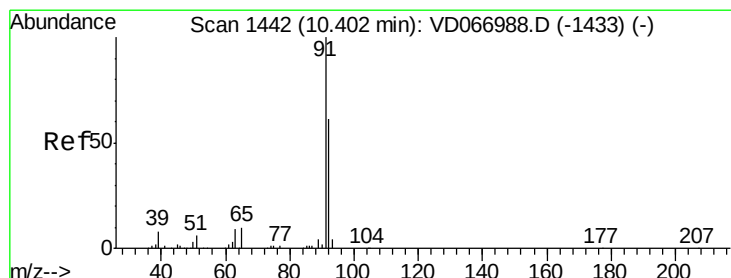
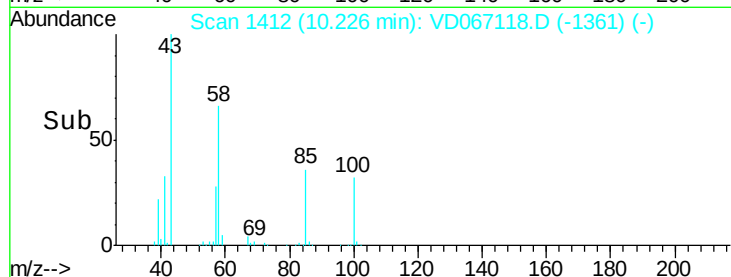
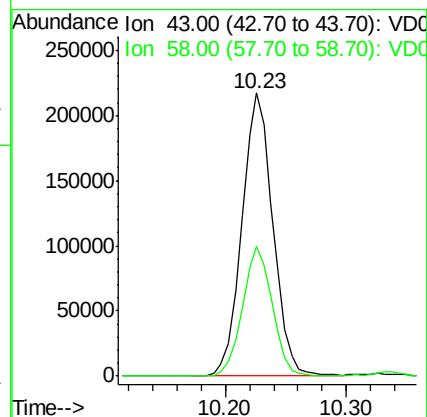
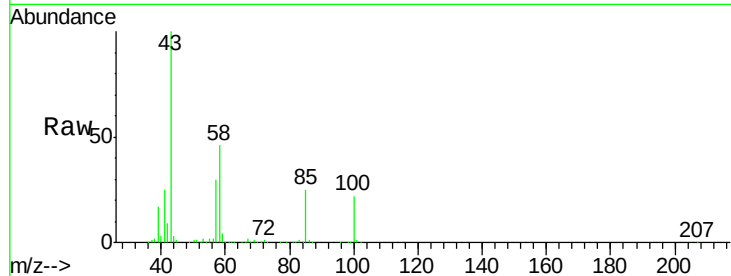
58 44.1 33.8 50.8

Manual Integrations

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#52

Toluene

Concen: 50.895 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067118.D

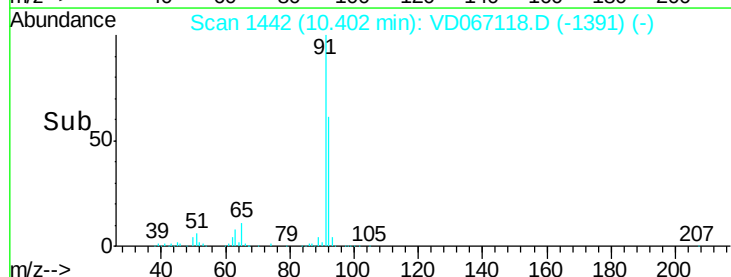
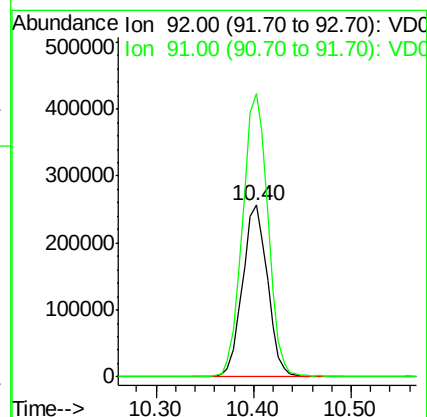
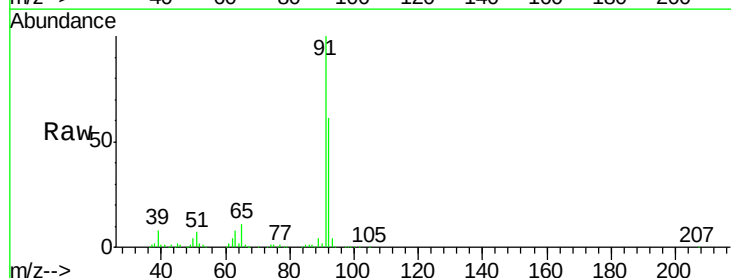
Acq: 06 Oct 2020 19:57

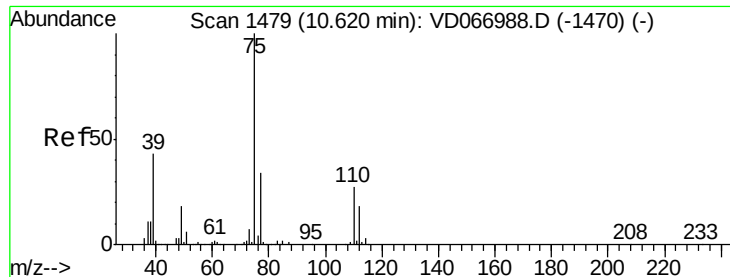
Tgt Ion: 92 Resp: 459088

Ion Ratio Lower Upper

92 100

91 168.1 135.1 202.7





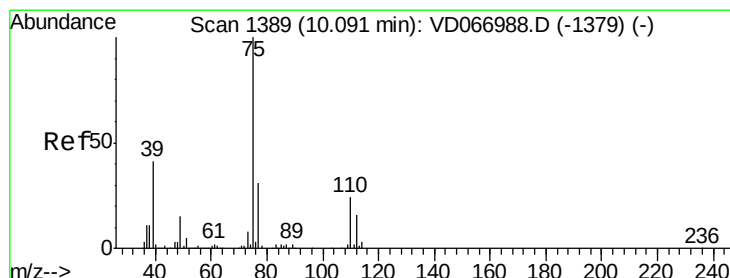
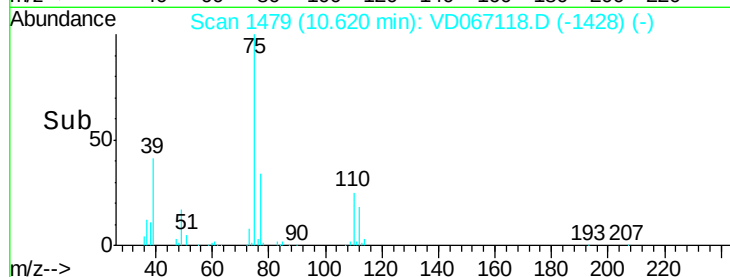
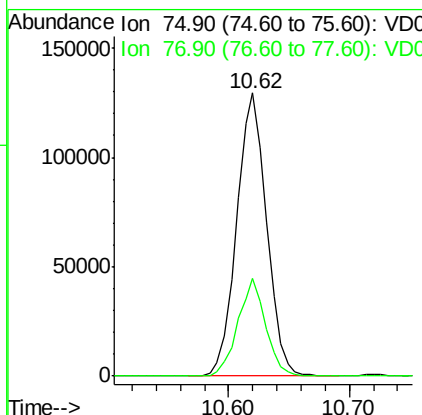
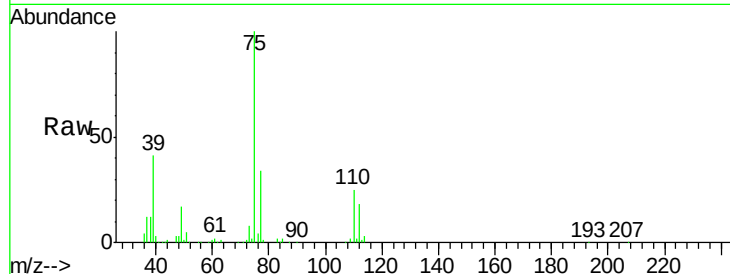
#53
t-1,3-Dichloropropene
Concen: 51.009 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 224098
Ion Ratio Lower Upper
75 100
77 34.4 27.1 40.7

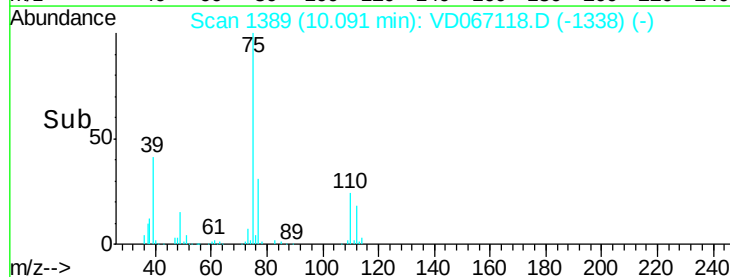
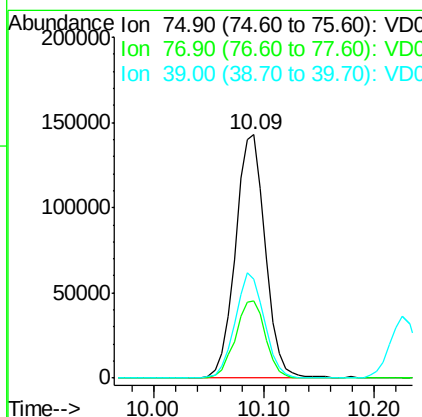
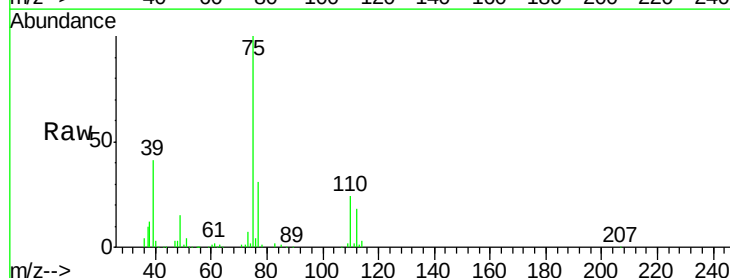
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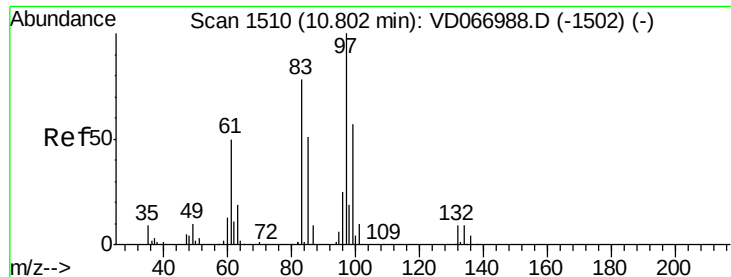
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.619 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 75 Resp: 271551
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 40.7 33.0 49.4





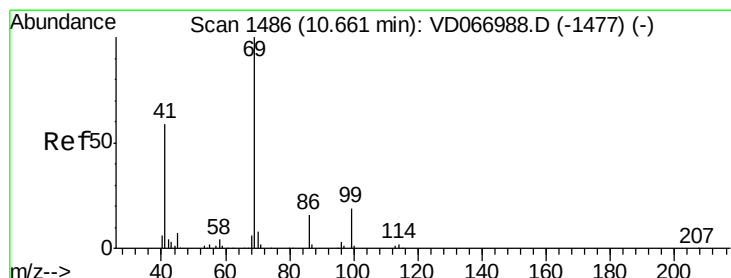
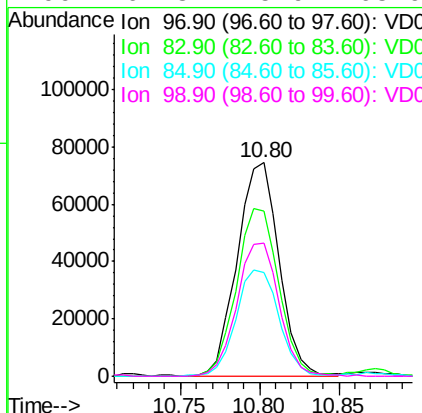
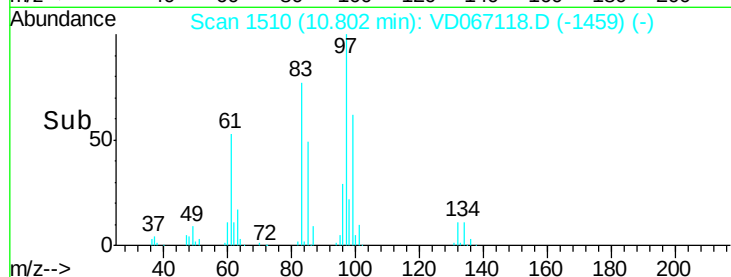
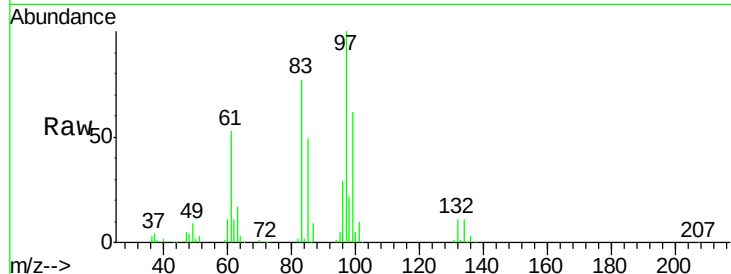
#55
 1,1,2-Trichloroethane
 Concen: 52.128 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	137049
Ion	Ratio	Lower	Upper
97	100		
83	77.1	62.4	93.6
85	48.3	41.0	61.4
99	61.8	45.9	68.9

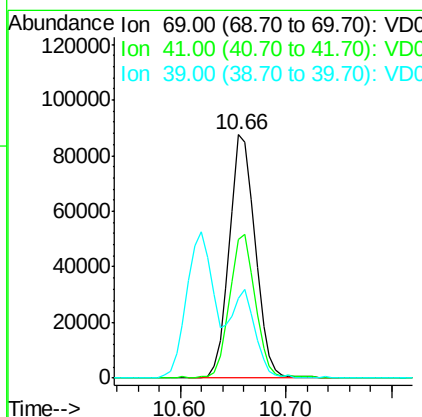
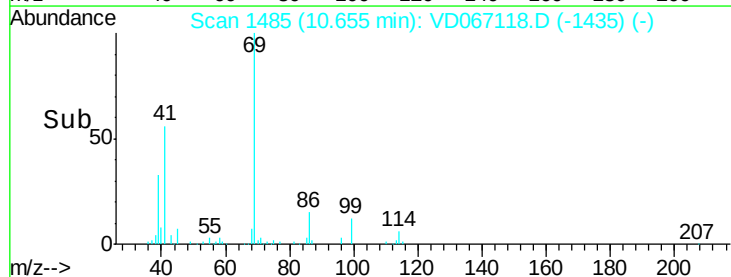
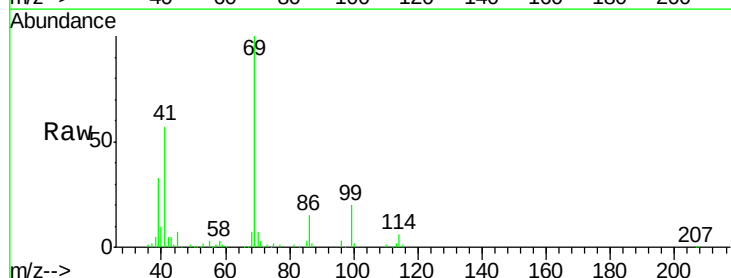
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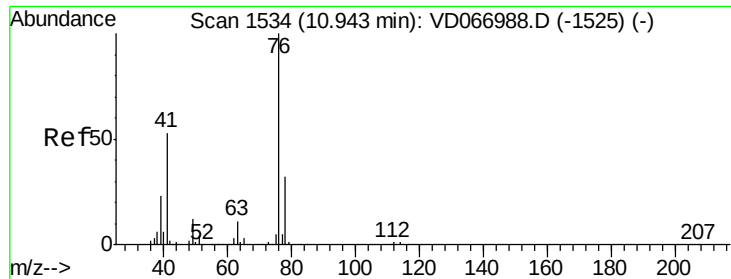
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 54.938 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion:	69	Resp:	149124
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.4	69.6
39	31.0	23.8	35.6





#57

1,3-Dichloropropane

Concen: 51.798 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 220834

Ion Ratio Lower Upper

76 100

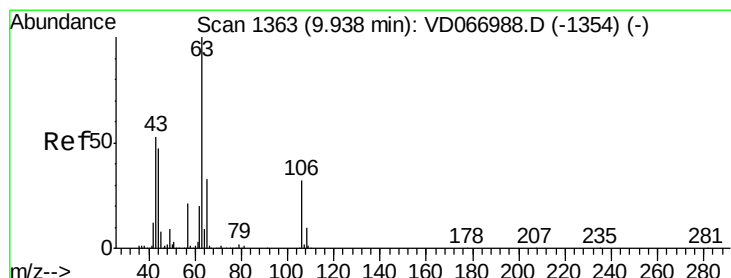
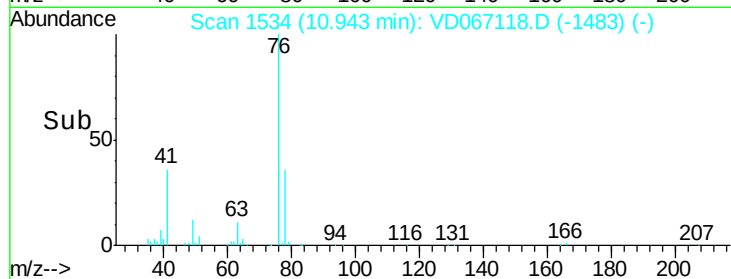
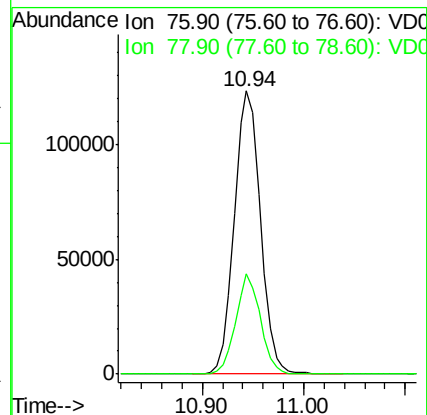
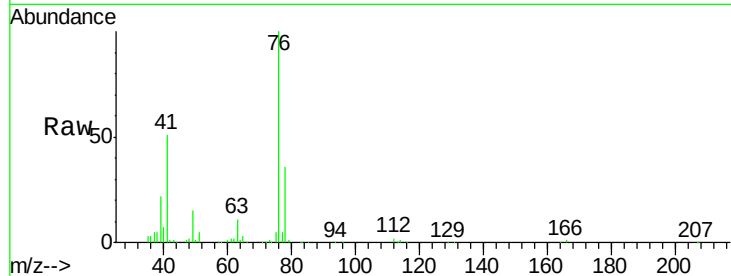
78 33.7 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 281.694 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067118.D

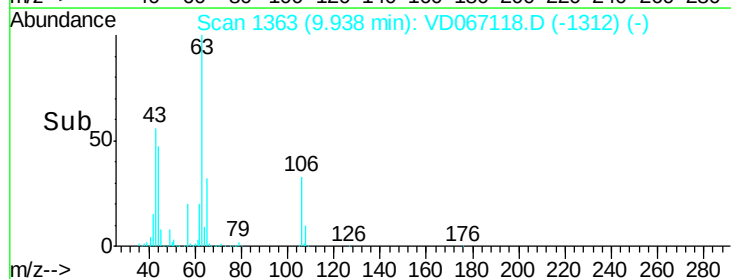
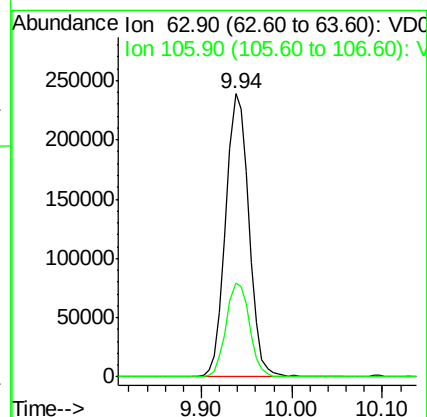
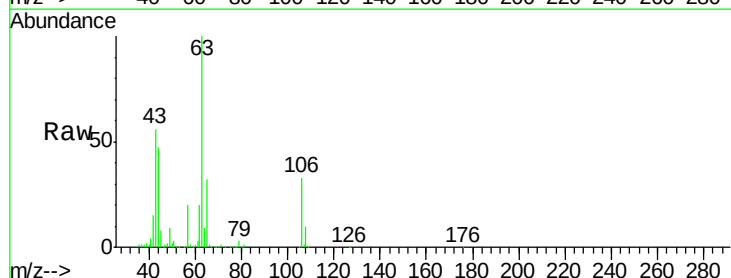
Acq: 06 Oct 2020 19:57

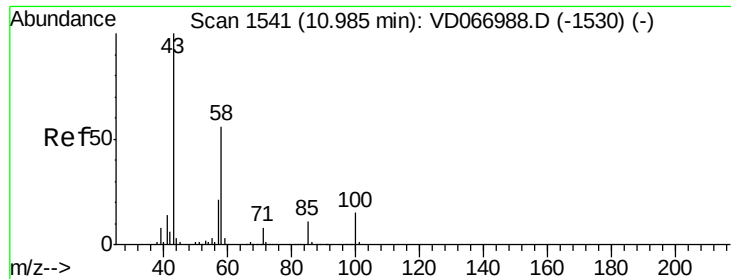
Tgt Ion: 63 Resp: 425579

Ion Ratio Lower Upper

63 100

106 33.6 25.3 37.9





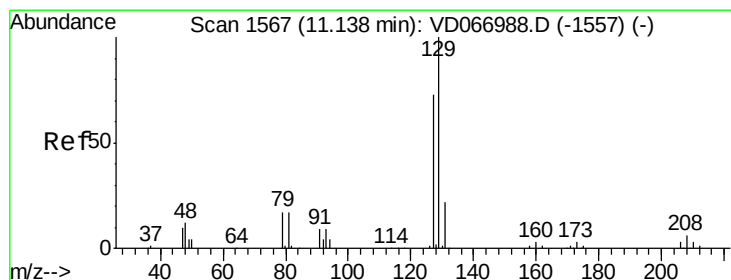
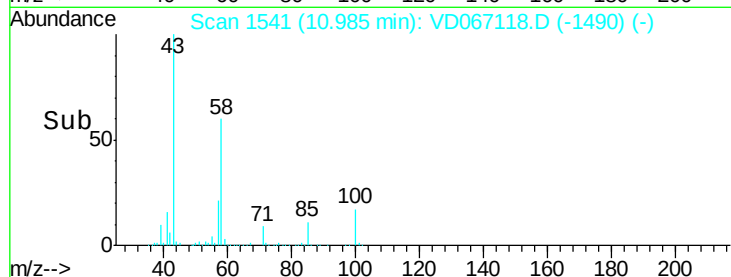
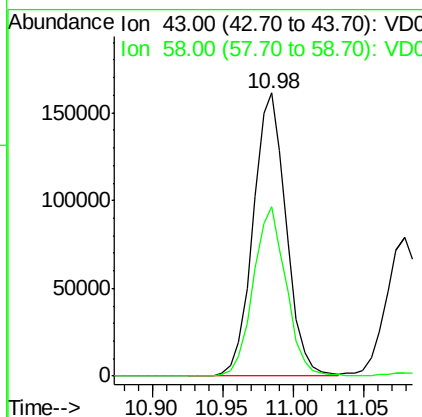
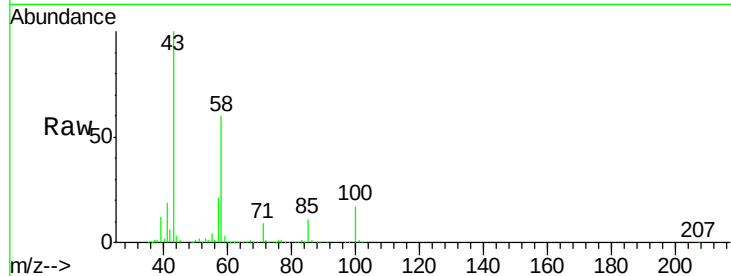
#59
2-Hexanone
Concen: 247.745 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 264999
Ion Ratio Lower Upper
43 100
58 59.4 28.3 84.9

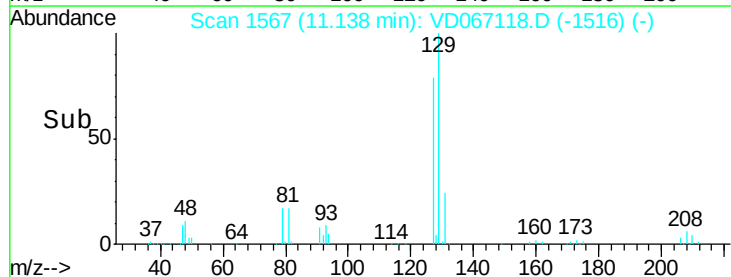
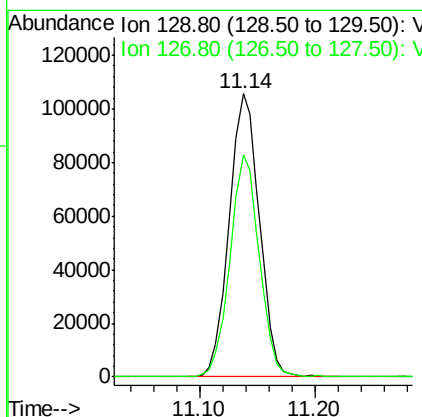
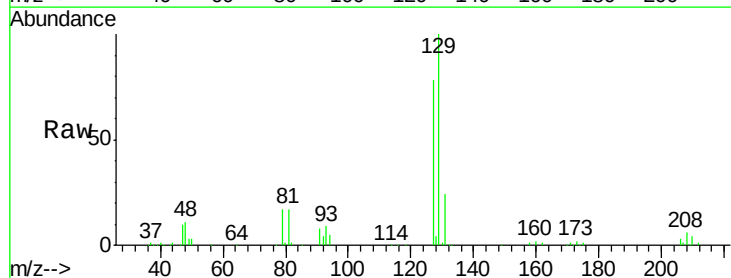
Manual Integrations
APPROVED

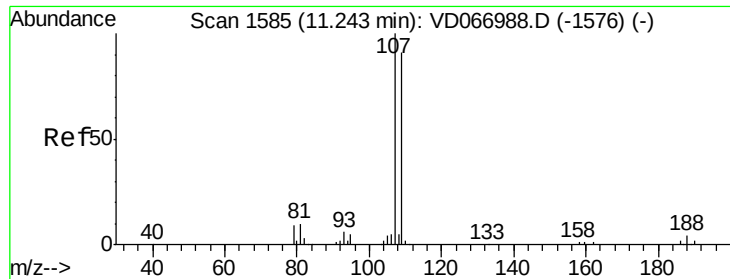
MMDadoda
10/7/2020 12:10:07 PM



#60
Dibromochloromethane
Concen: 54.698 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 129 Resp: 191671
Ion Ratio Lower Upper
129 100
127 76.1 37.4 112.1





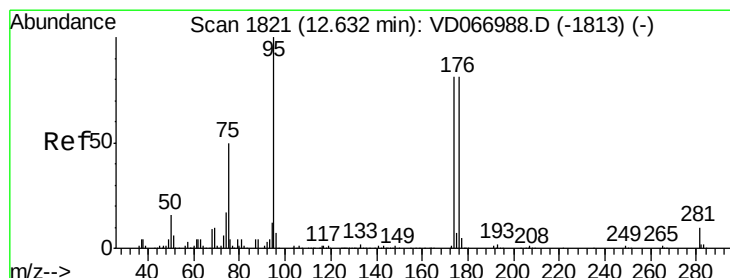
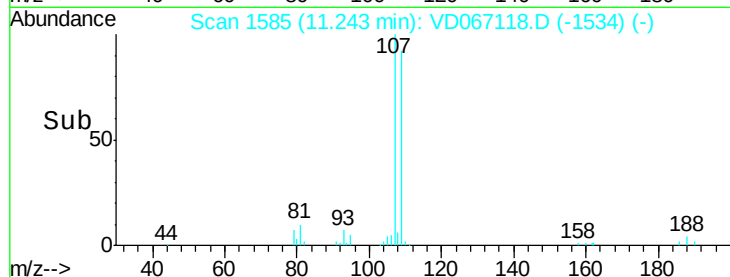
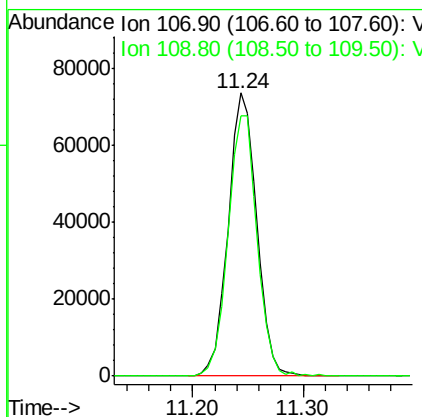
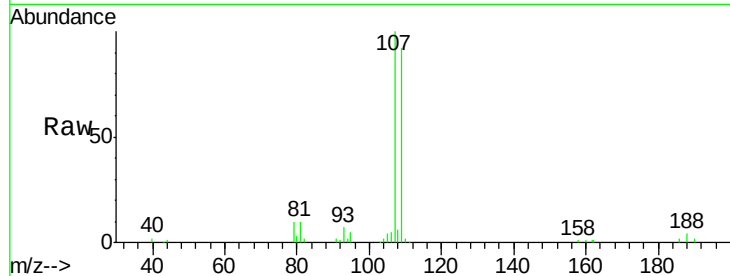
#61
 1,2-Dibromoethane
 Concen: 52.904 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.0	111.0

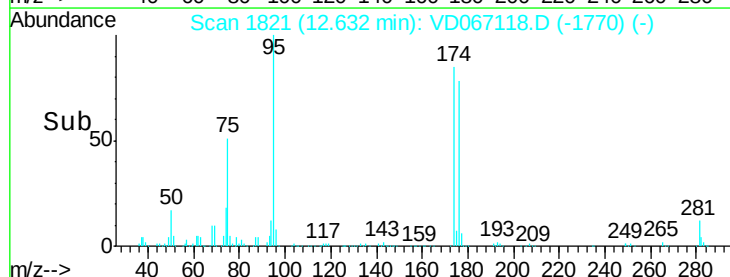
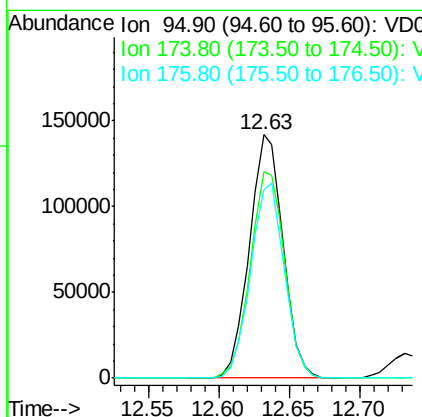
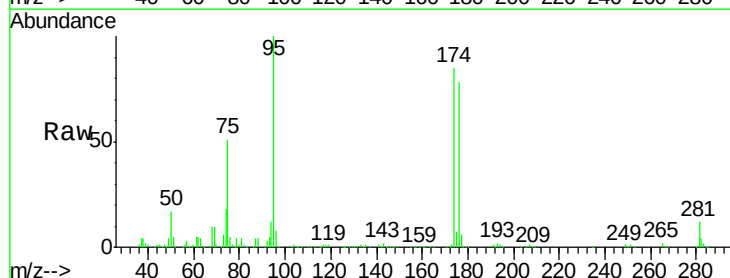
Manual Integrations
 APPROVED

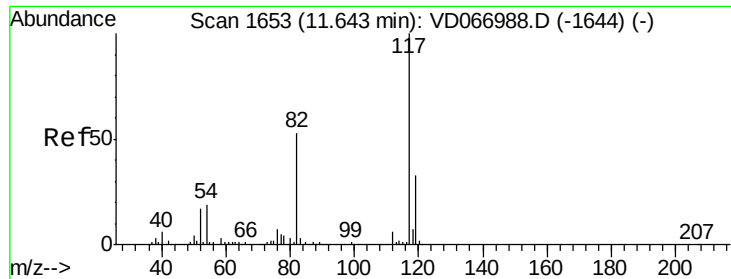
MMDadoda
 10/7/2020 12:10:07 PM



#62
 4-Bromofluorobenzene
 Concen: 54.328 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	167.6
176	80.5	0.0	162.4





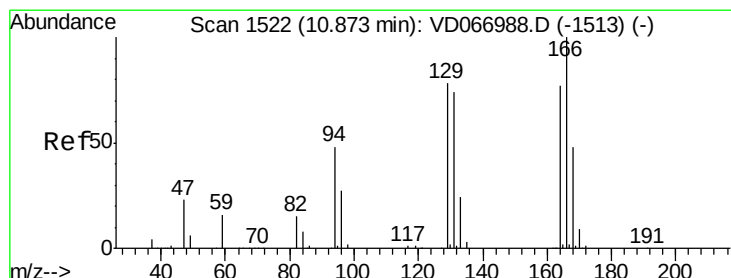
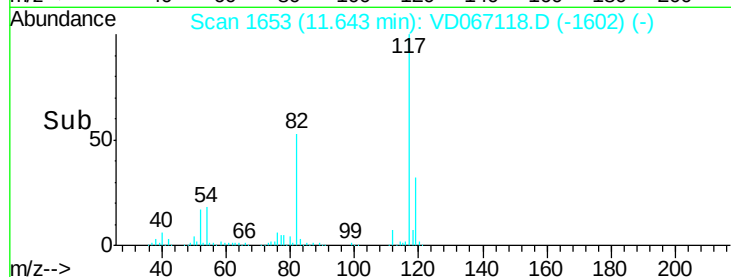
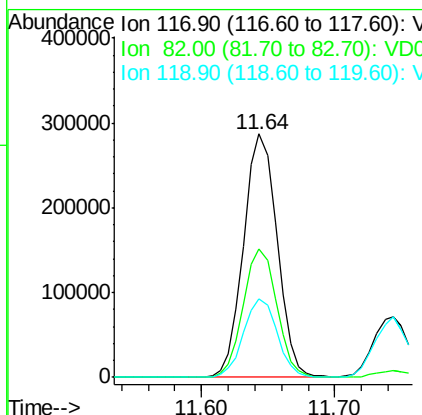
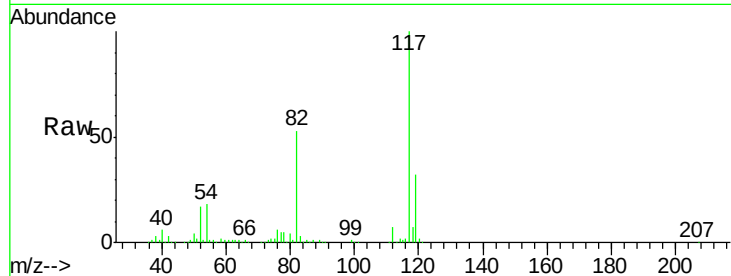
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	500117		
82	52.6		42.6	63.8
119	32.1		26.3	39.5

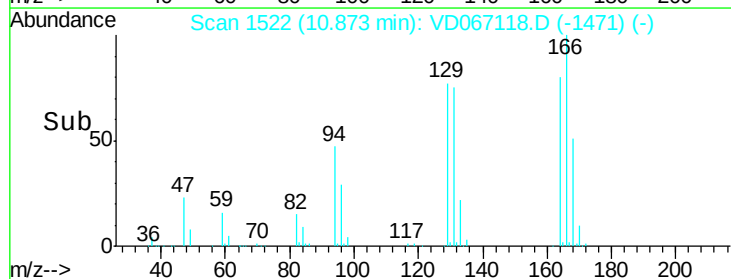
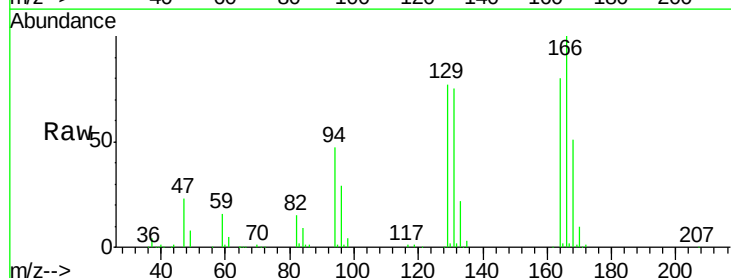
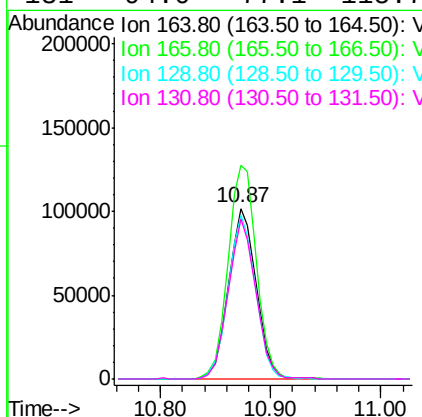
Manual Integrations
APPROVED

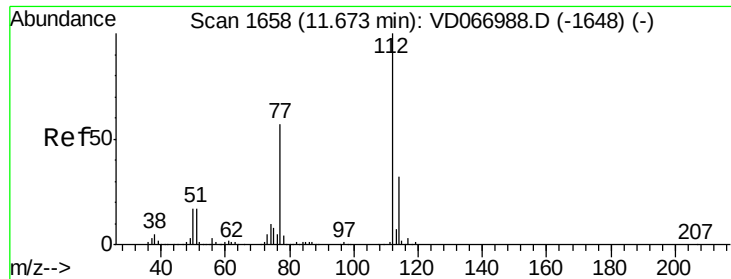
MMDadoda
10/7/2020 12:10:07 PM



#64
Tetrachloroethene
Concen: 49.516 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180032		
166	125.1		104.4	156.6
129	96.0		81.3	121.9
131	94.0		77.1	115.7





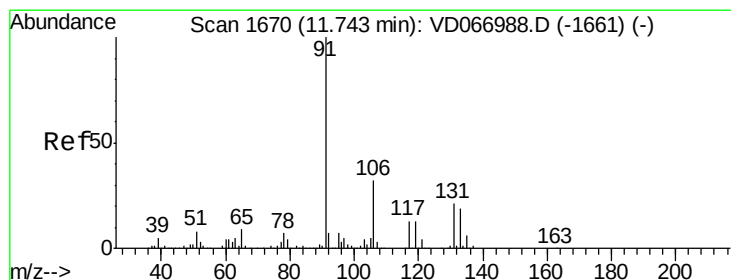
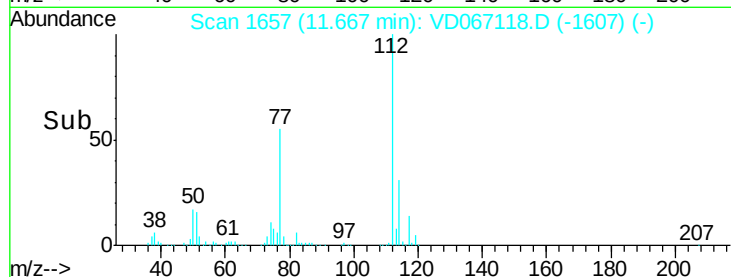
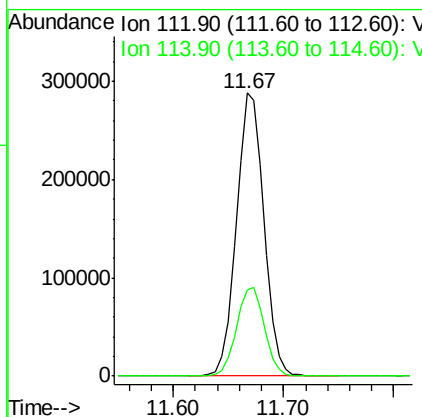
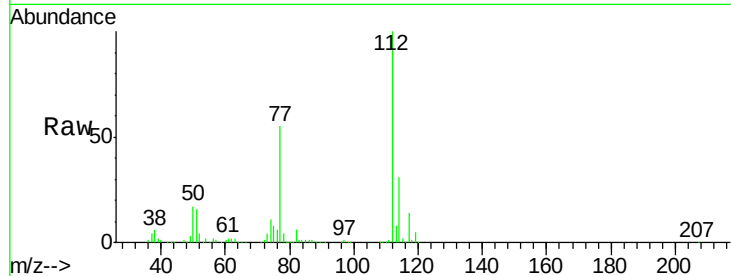
#65
Chlorobenzene
Concen: 50.682 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.4	38.0

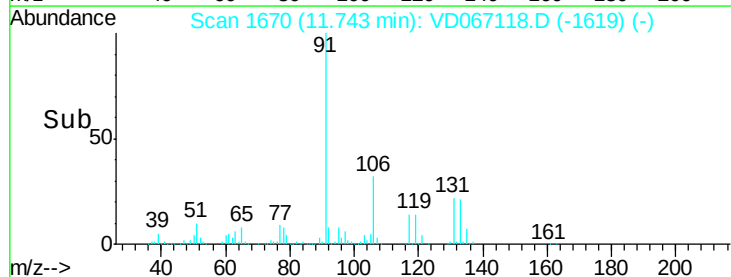
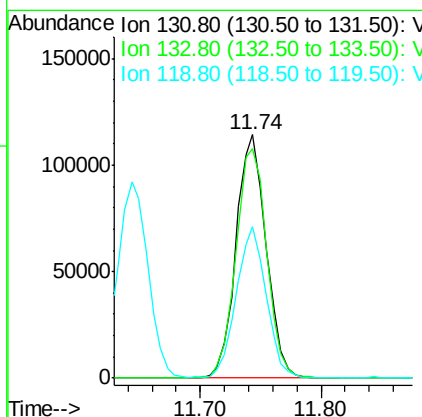
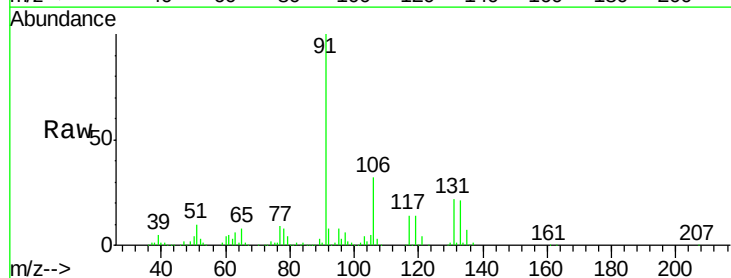
Manual Integrations
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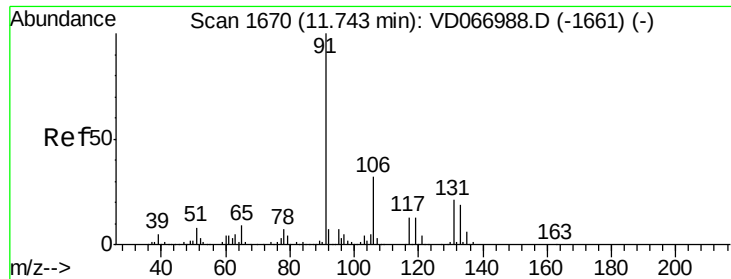
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.8	143.3
119	61.8	32.3	96.8





#67

Ethyl Benzene

Concen: 51.388 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 875782

Ion Ratio Lower Upper

91 100

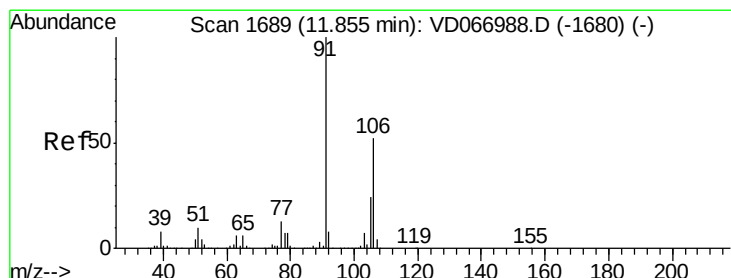
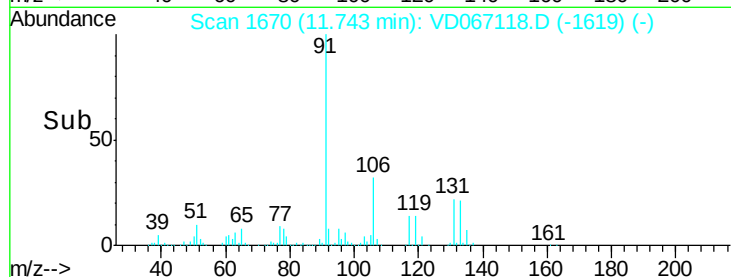
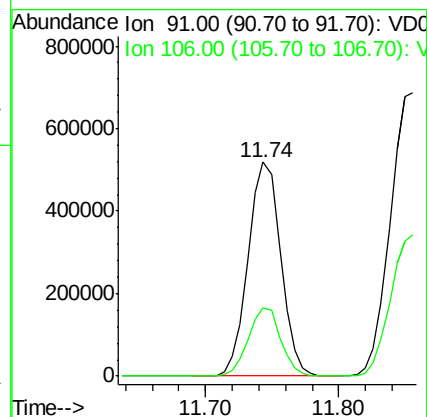
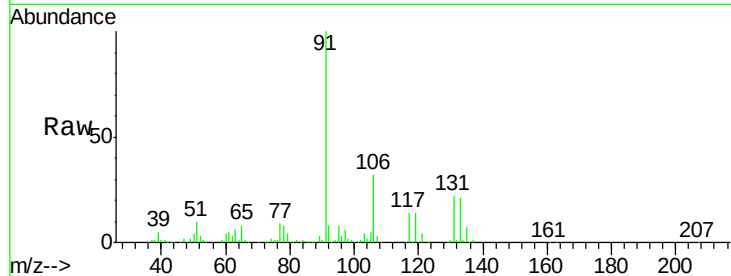
106 32.1 25.4 38.2

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 100.949 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067118.D

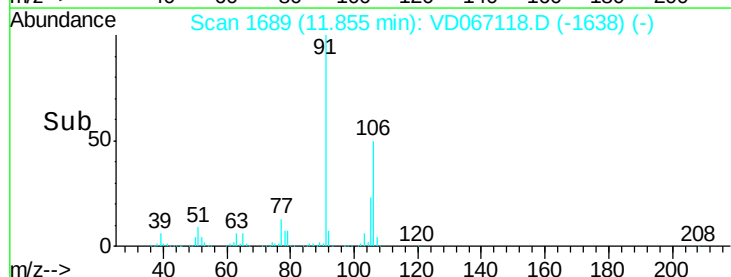
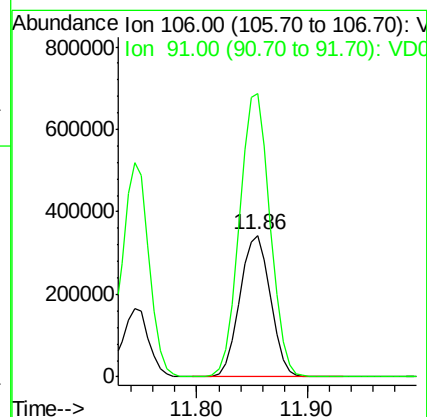
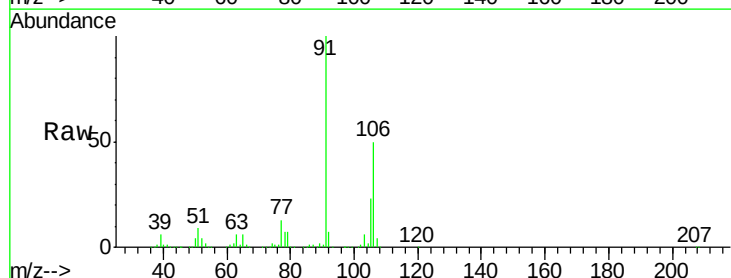
Acq: 06 Oct 2020 19:57

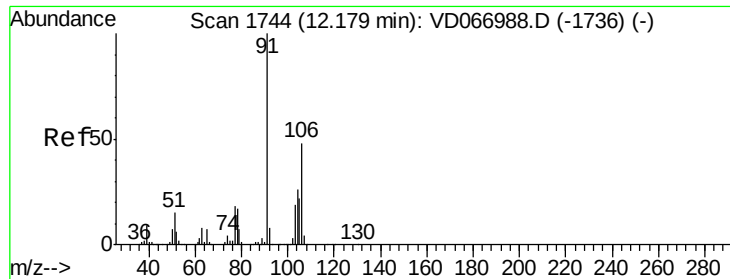
Tgt Ion: 106 Resp: 670483

Ion Ratio Lower Upper

106 100

91 199.2 158.4 237.6





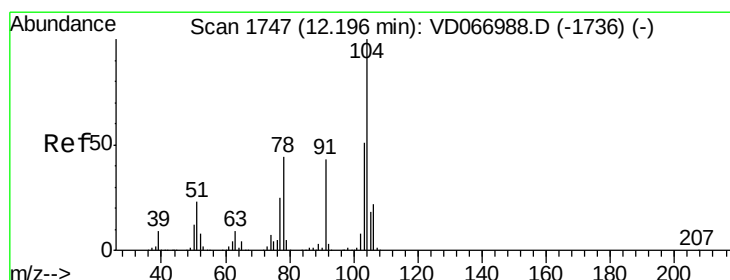
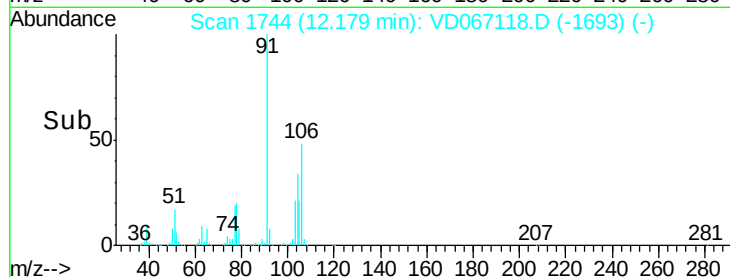
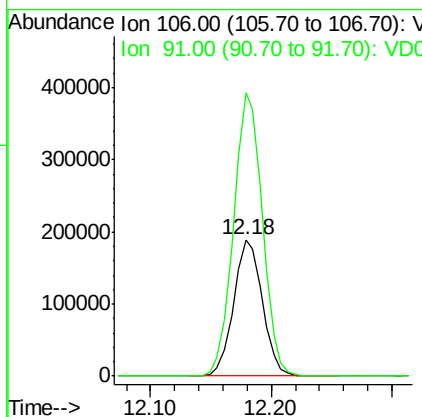
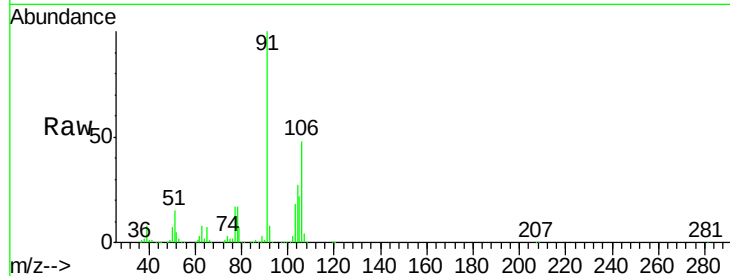
#69
o-Xylene
Concen: 52.601 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.8	102.4	307.2	

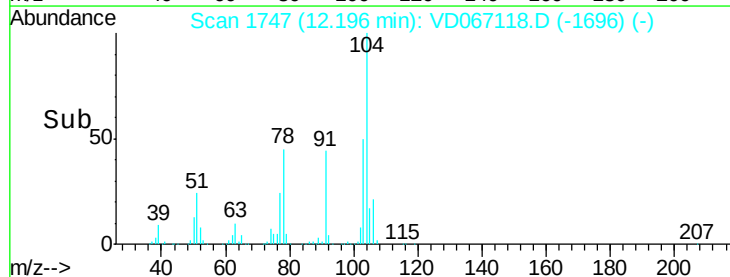
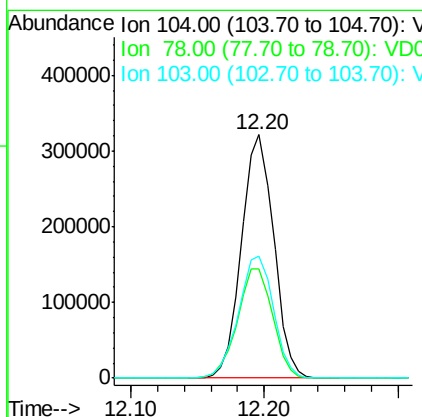
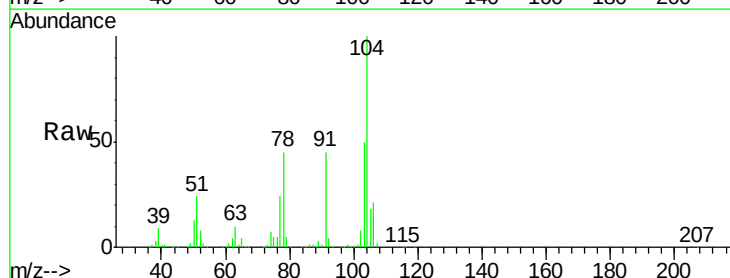
Manual Integrations
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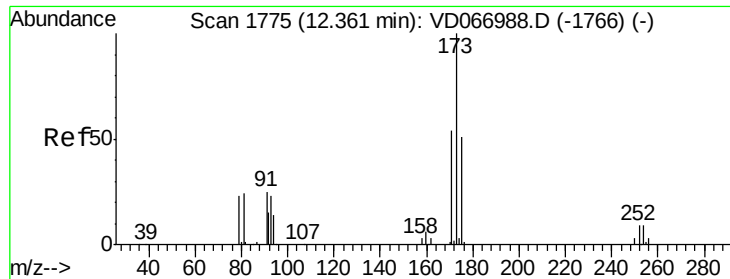
MMDadoda
10/7/2020 12:10:07 PM



#70
Styrene
Concen: 52.630 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.2	38.6	58.0	
103	54.5	43.4	65.0	





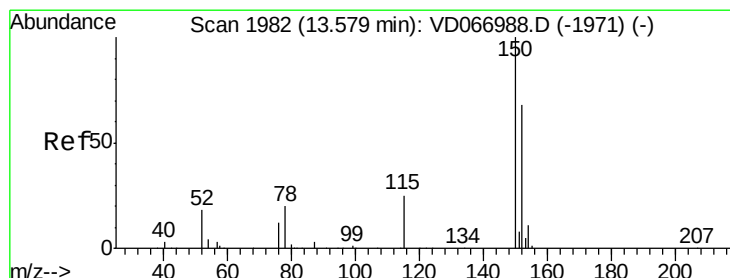
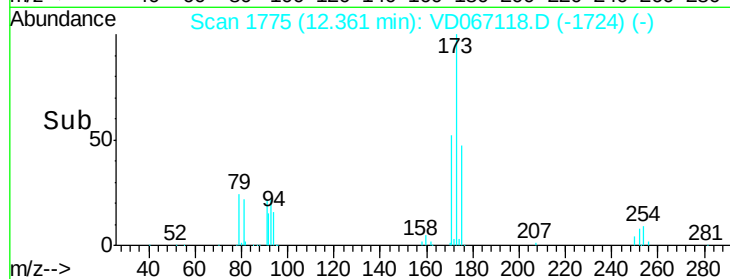
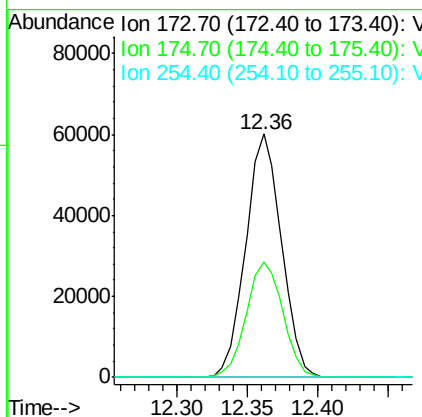
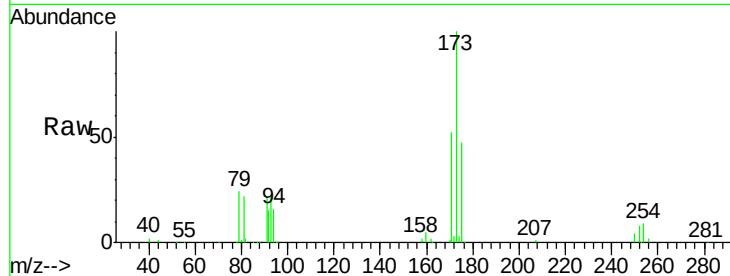
#71
Bromoform
Concen: 54.427 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.7
254	0.0	0.2	0.4

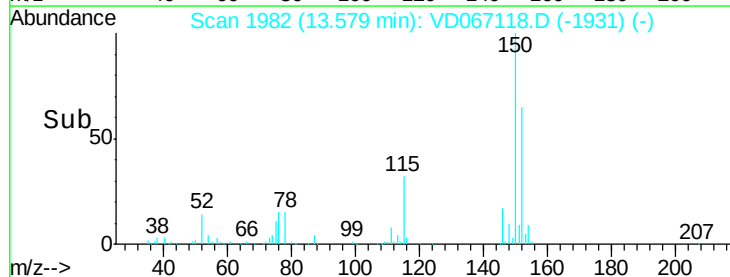
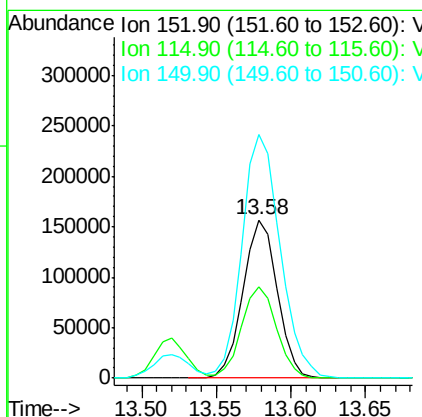
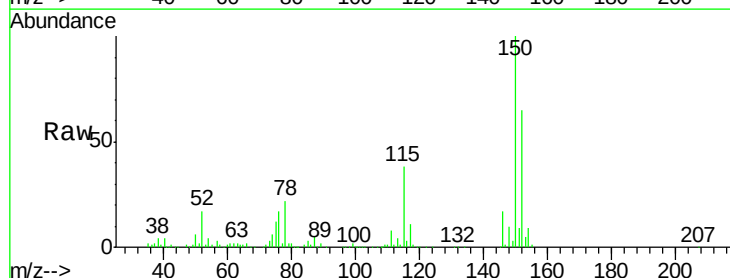
Manual Integrations
APPROVED

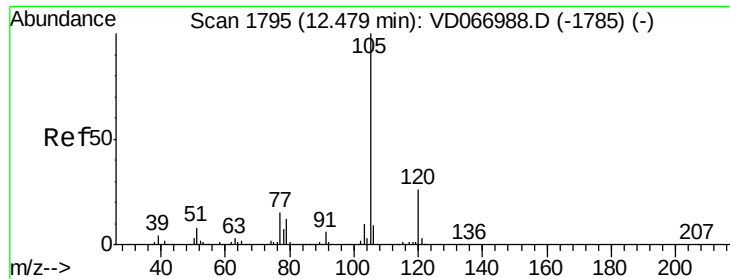
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.8
150	171.6	0.0	344.8





#73

Isopropylbenzene

Concen: 50.067 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 846600

Ion Ratio Lower Upper

105 100

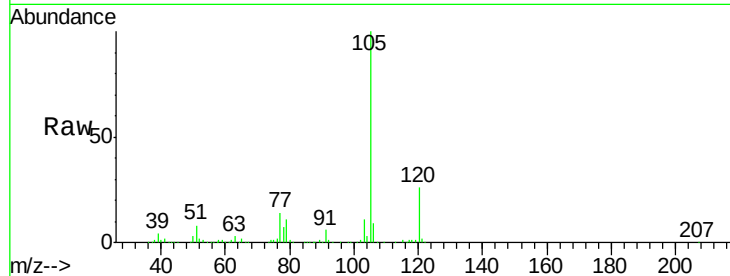
120 26.4 13.3 39.9

Manual Integrations

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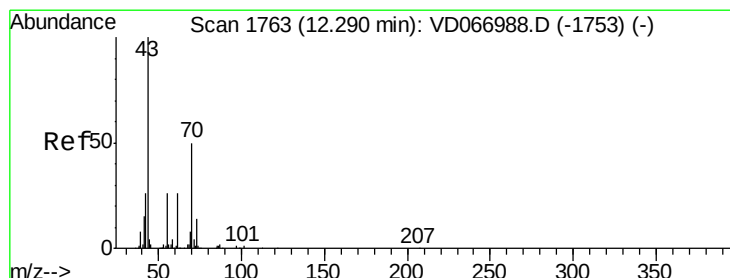
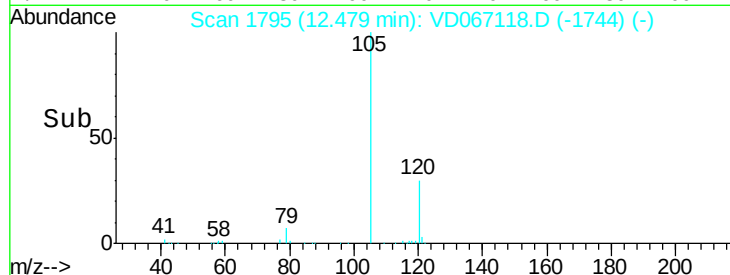
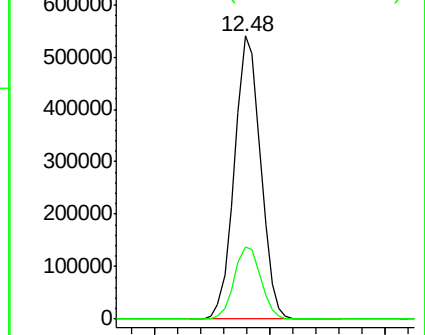
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.304 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion: 43 Resp: 143792

Ion Ratio Lower Upper

43 100

70 50.6 38.2 57.2

55 28.0 22.4 33.6

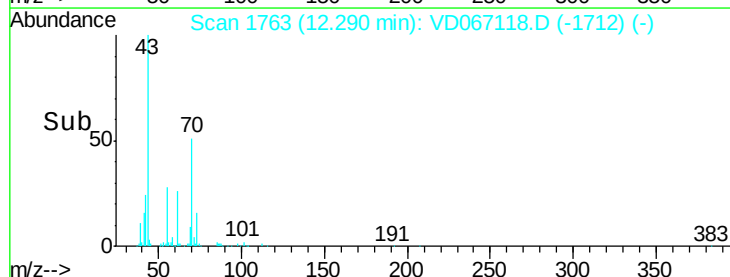
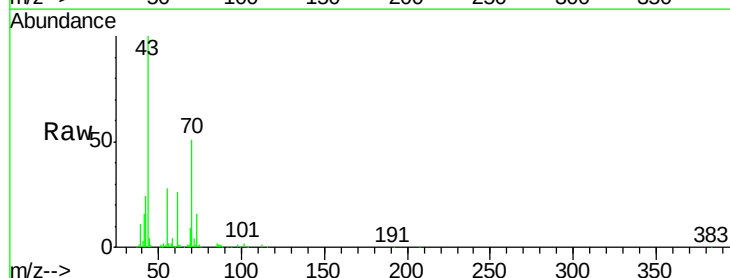
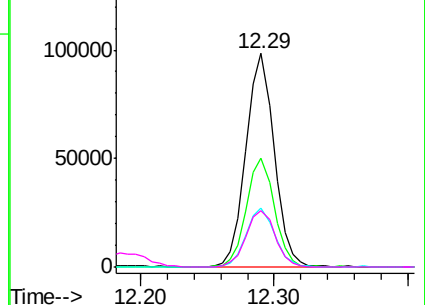
61 27.6 20.6 31.0

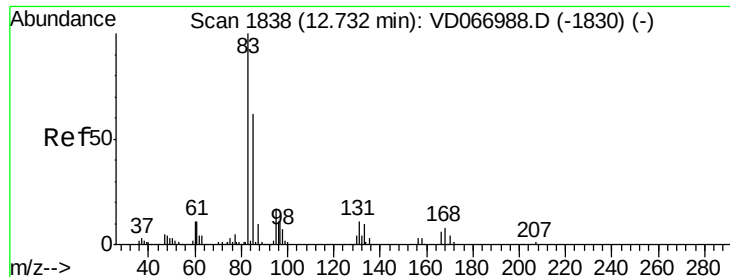
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.253 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

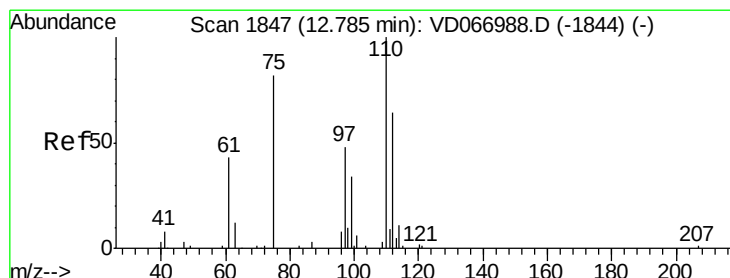
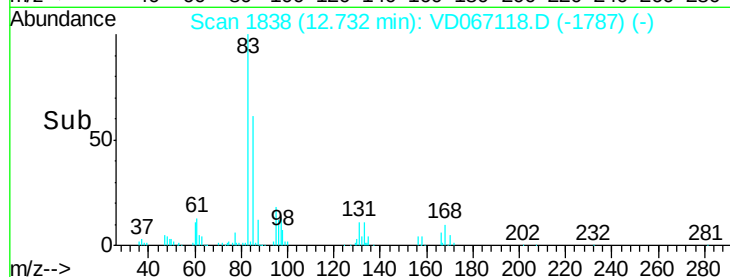
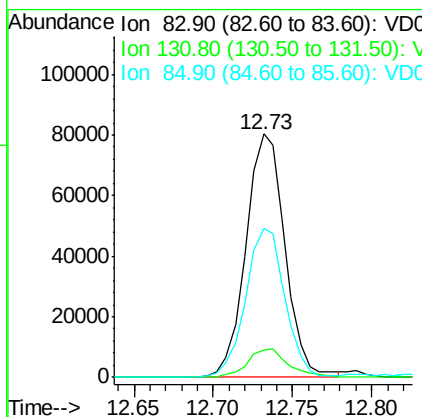
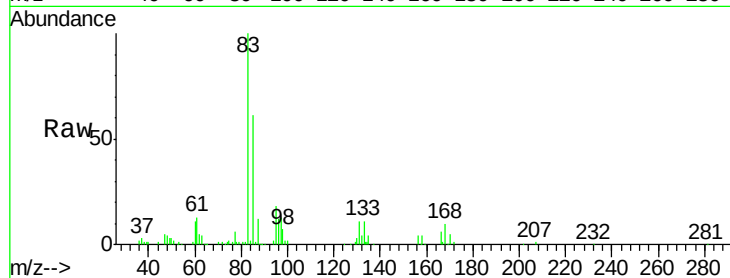
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	137471
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.7	17.0
85	61.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.634 ug/l m

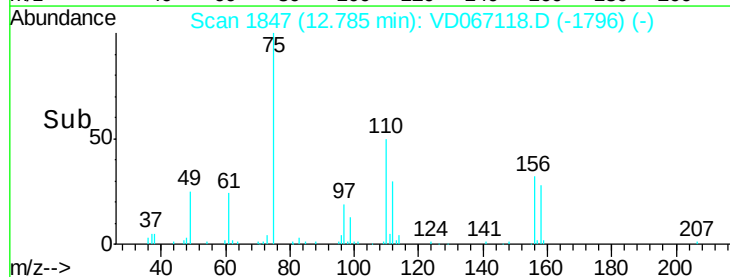
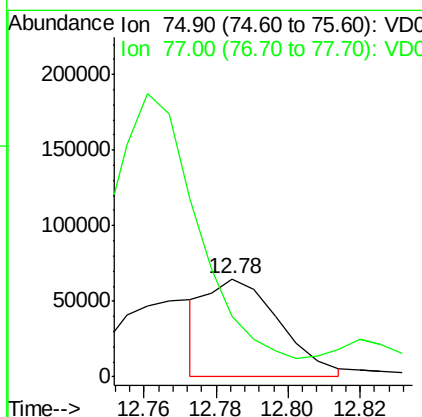
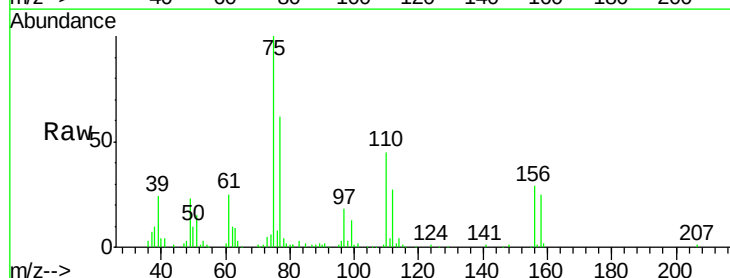
RT: 12.78 min Scan# 1847

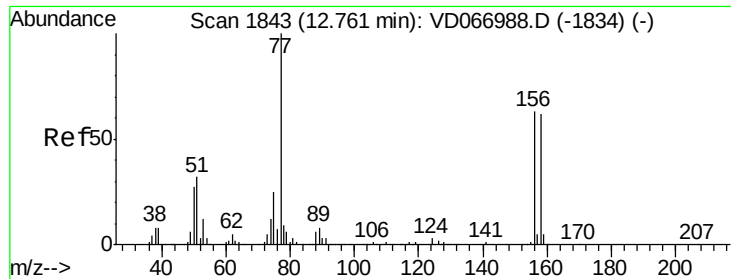
Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	75	Resp:	90309
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





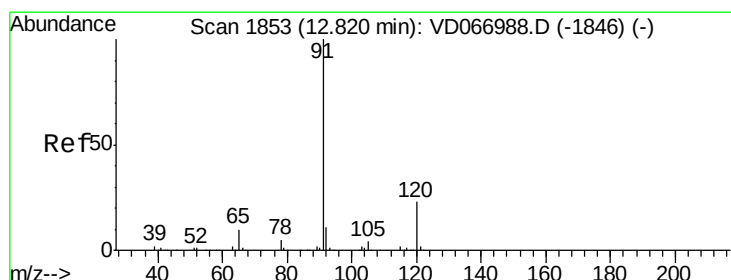
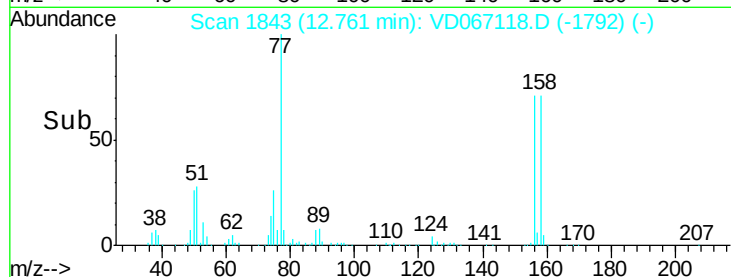
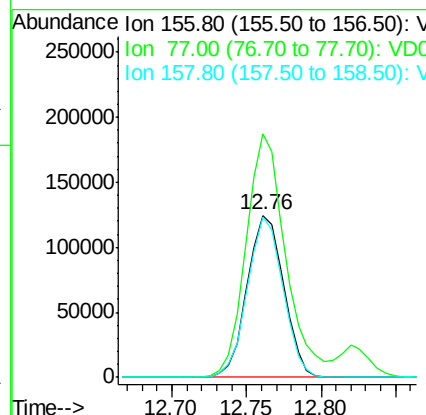
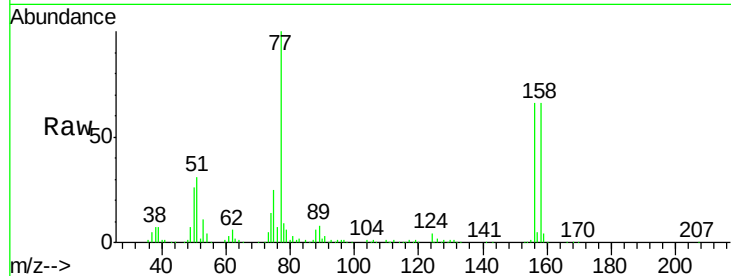
#77
Bromobenzene
Concen: 51.576 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.1	86.3	258.8
158	96.8	49.5	148.3

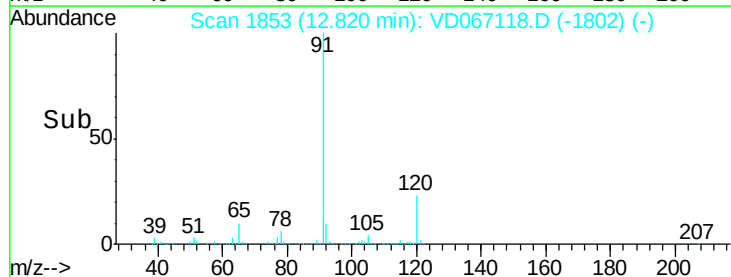
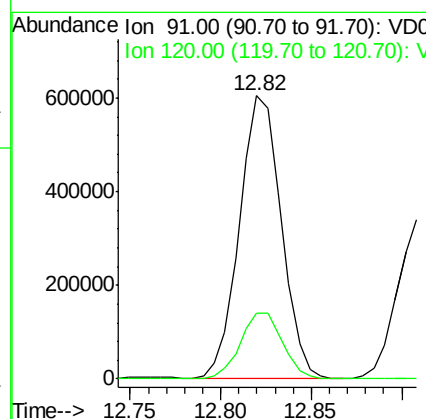
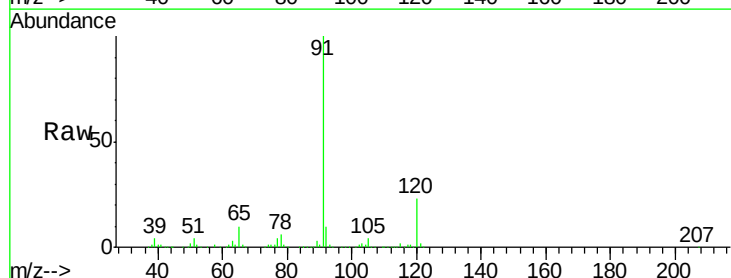
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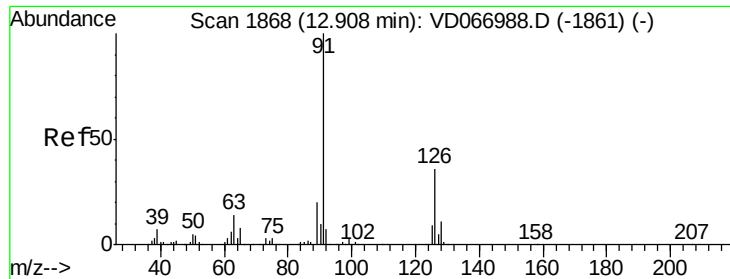
MMDadoda
10/7/2020 12:10:07 PM



#78
n-propylbenzene
Concen: 48.425 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.8





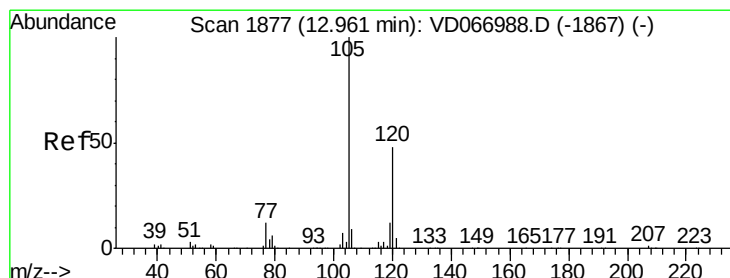
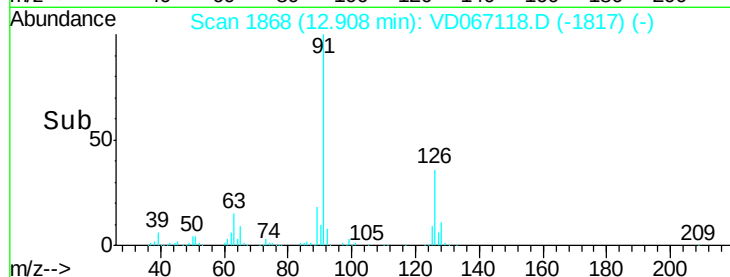
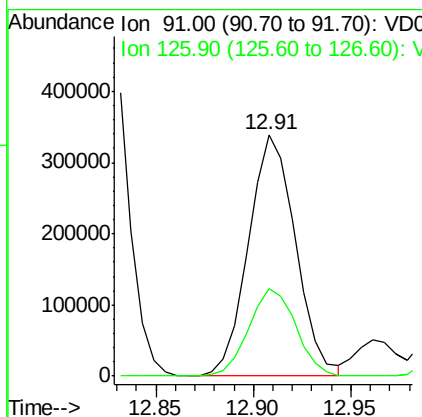
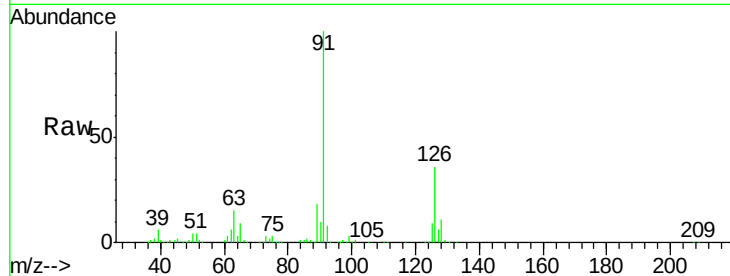
#79
2-Chlorotoluene
Concen: 49.417 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 565017
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.6

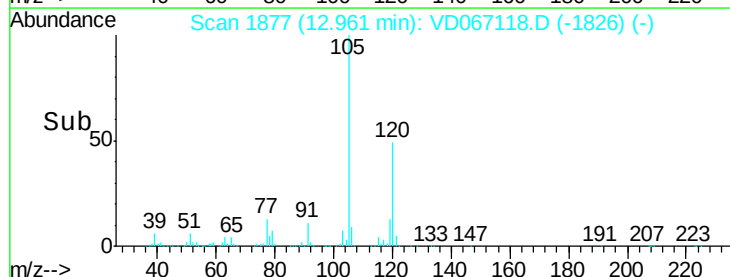
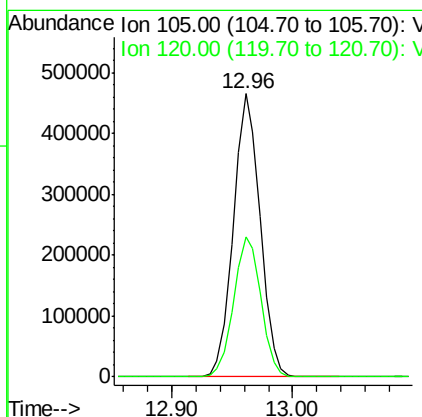
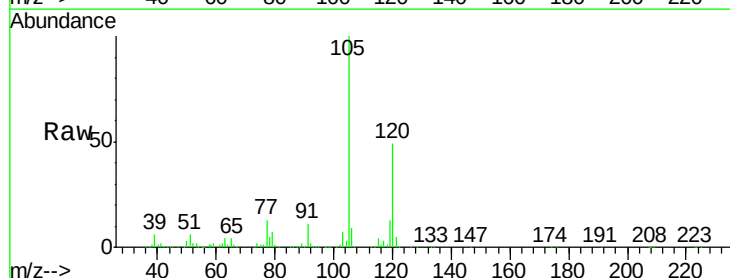
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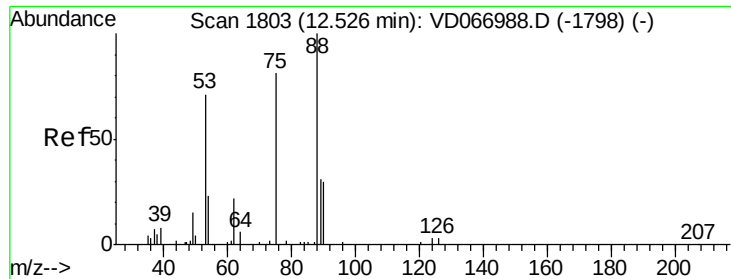
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.277 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 105 Resp: 718279
Ion Ratio Lower Upper
105 100
120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.168 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 41038

Ion Ratio Lower Upper

75 100

53 91.8 73.8 110.6

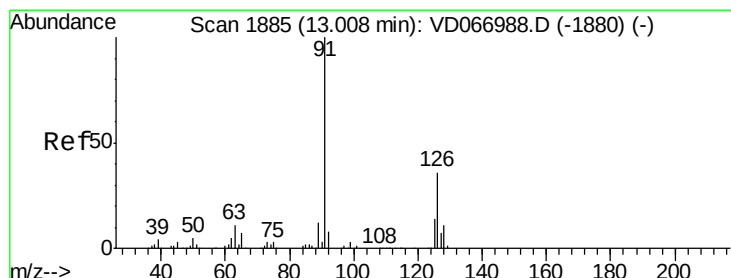
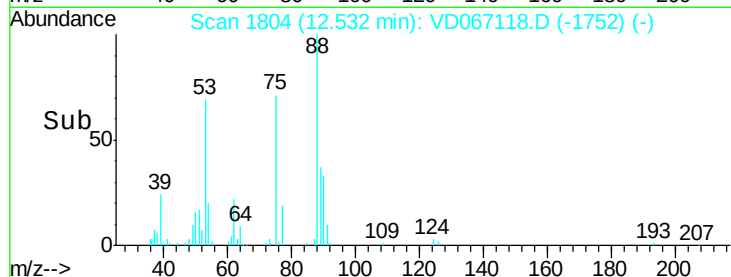
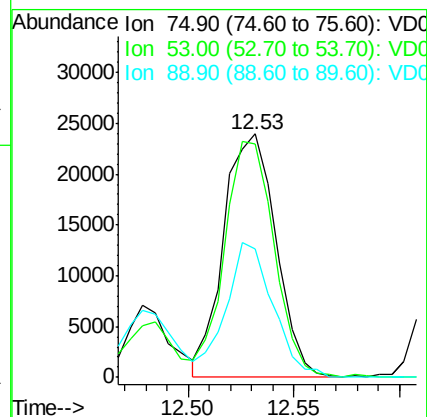
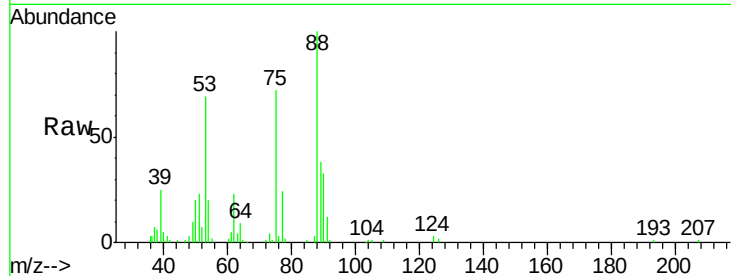
89 49.9 38.9 58.3

Manual Integrations

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#82

4-Chlorotoluene

Concen: 48.756 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067118.D

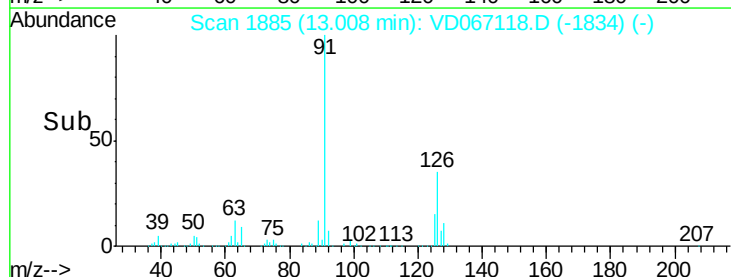
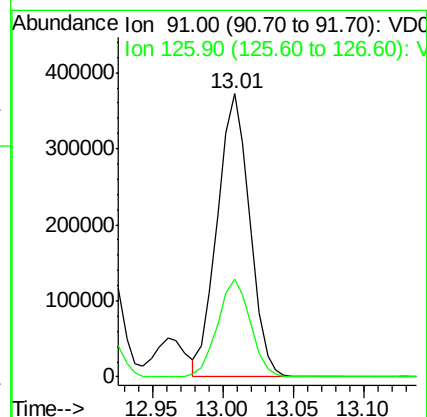
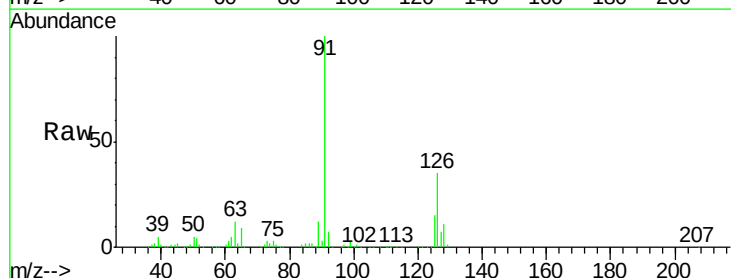
Acq: 06 Oct 2020 19:57

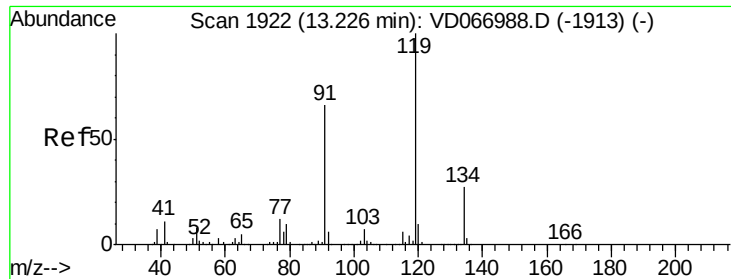
Tgt Ion: 91 Resp: 593103

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5





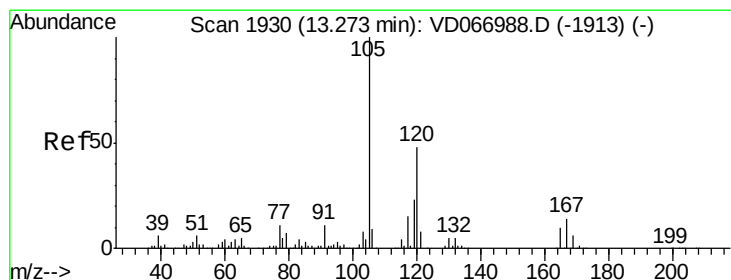
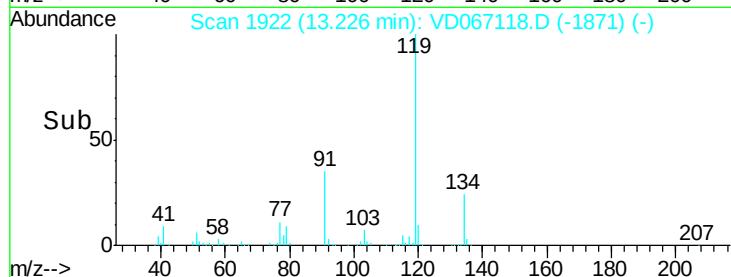
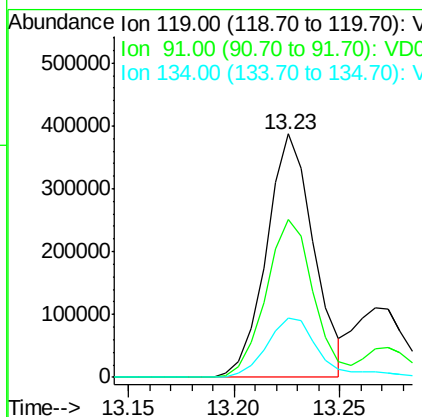
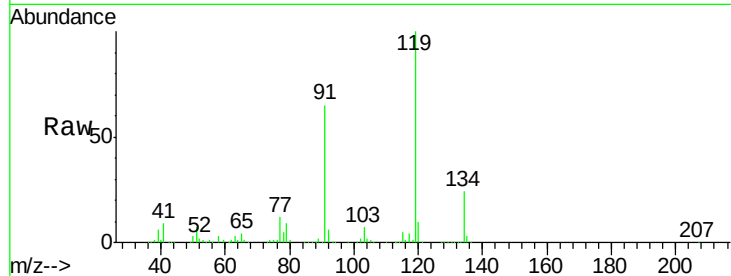
#83
 tert-Butylbenzene
 Concen: 49.883 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	600119		
91	65.8		32.8	98.3
134	27.4		13.9	41.7

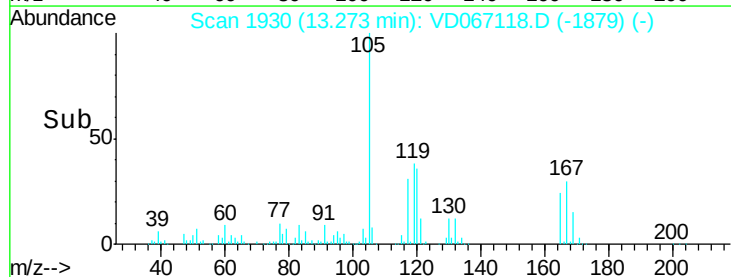
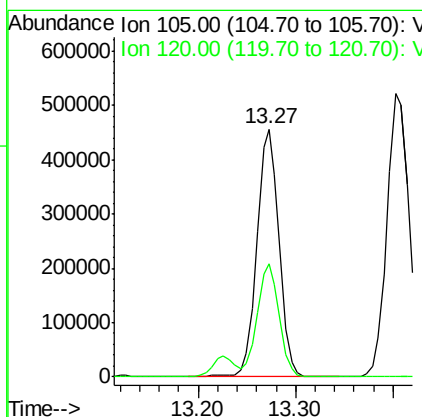
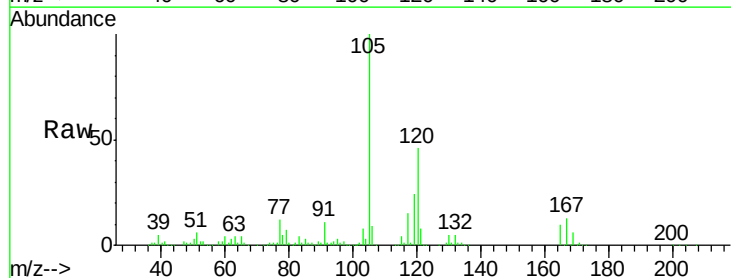
Manual Integrations
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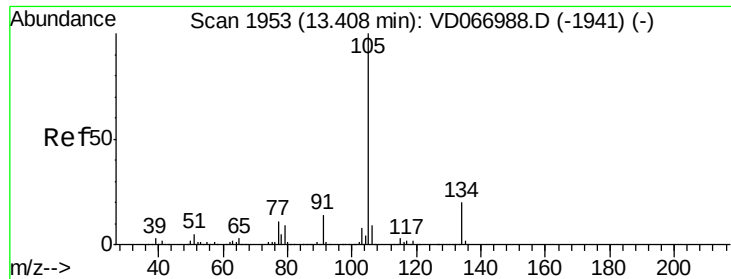
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.042 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	727712		
120	45.2		23.3	69.8





#85

sec-Butylbenzene

Concen: 48.643 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 824110

Ion Ratio Lower Upper

105 100

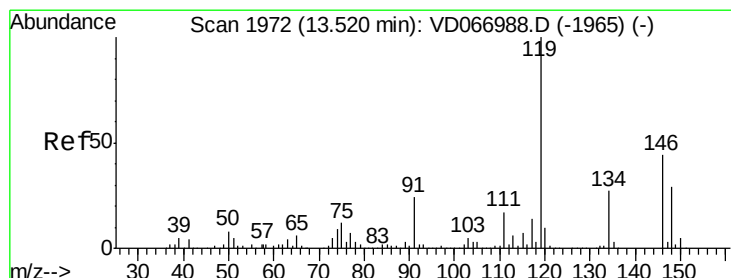
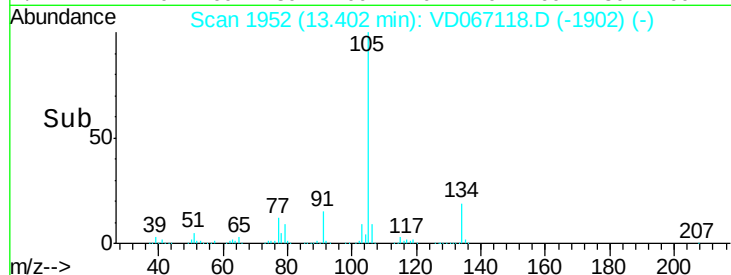
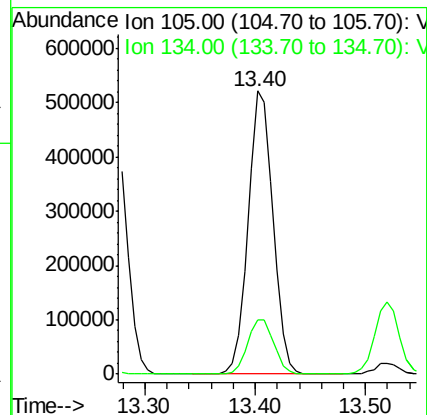
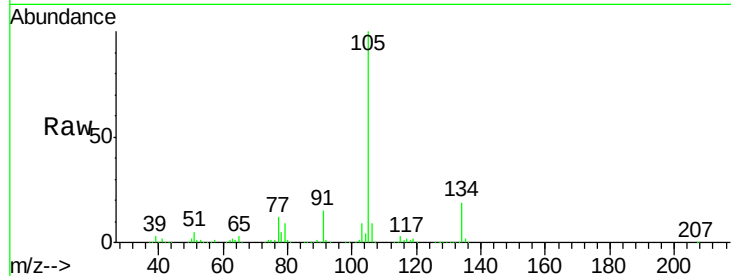
134 20.3 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.966 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

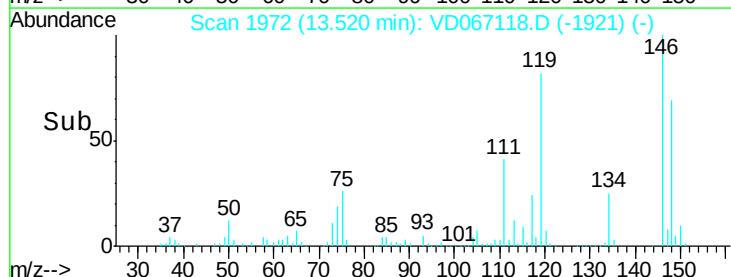
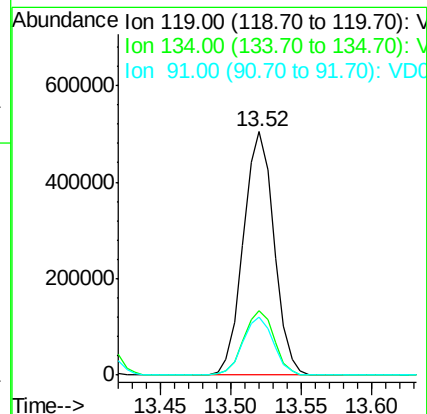
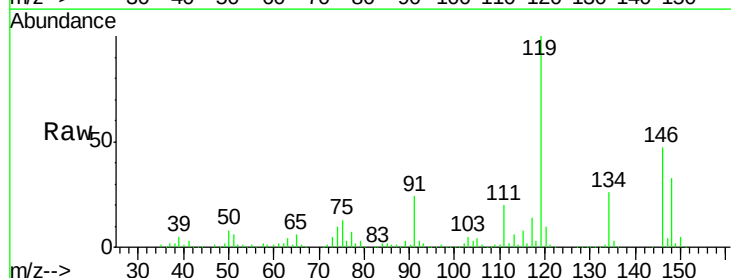
Tgt Ion:119 Resp: 769102

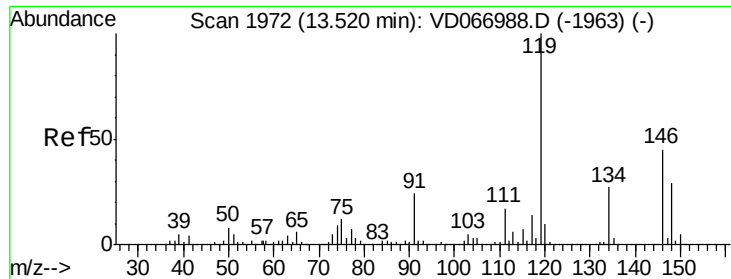
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.7 11.7 35.1





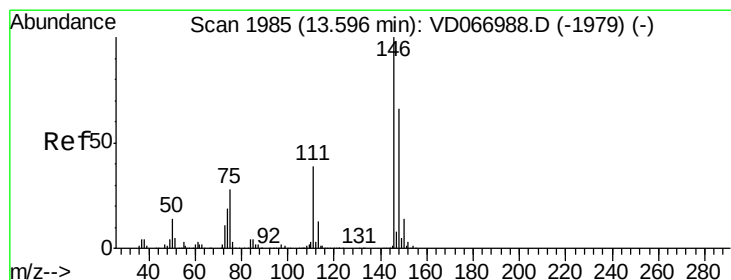
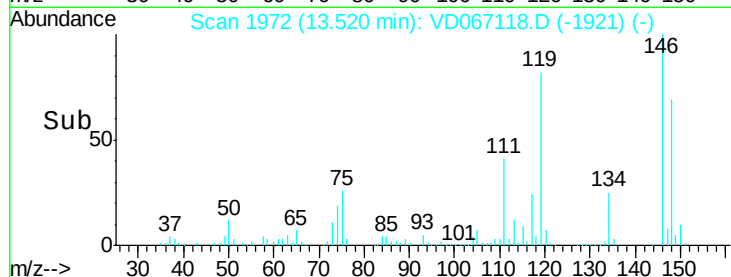
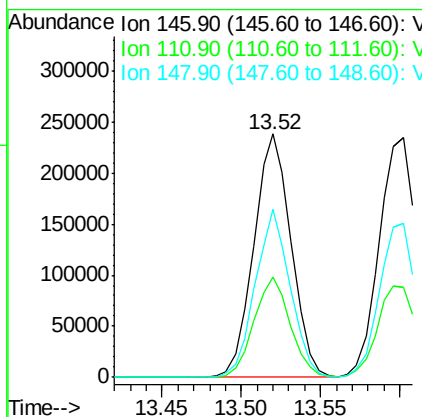
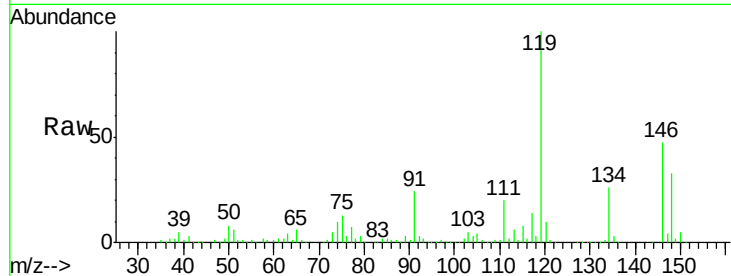
#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.6	31.9	95.9

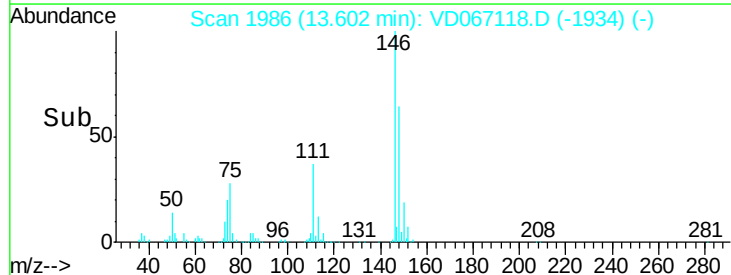
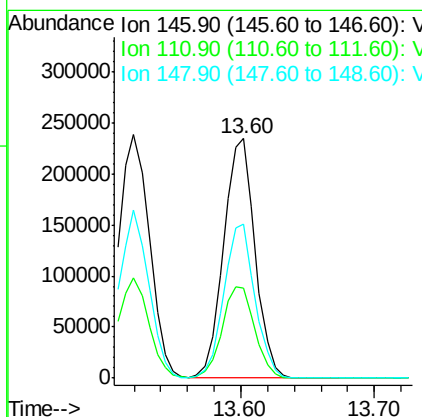
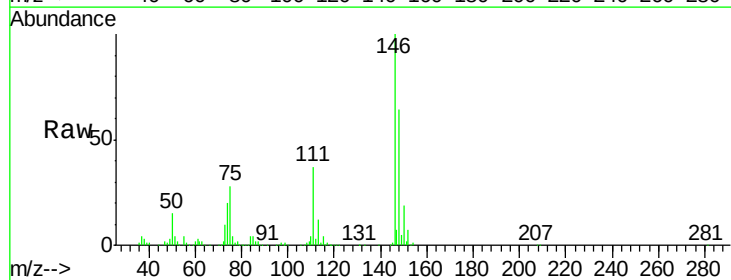
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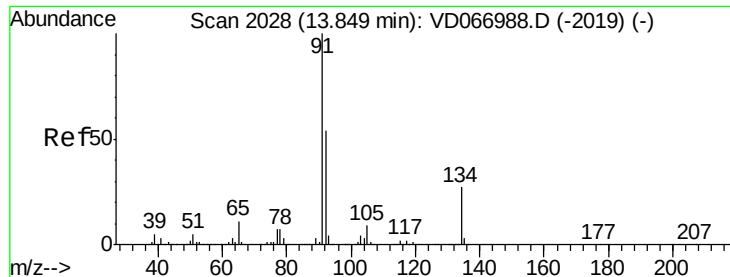
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.592 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.6	32.6	97.7





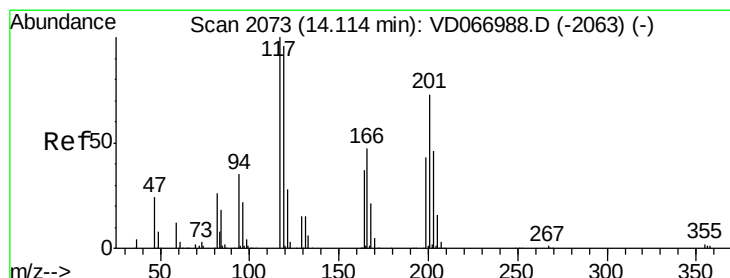
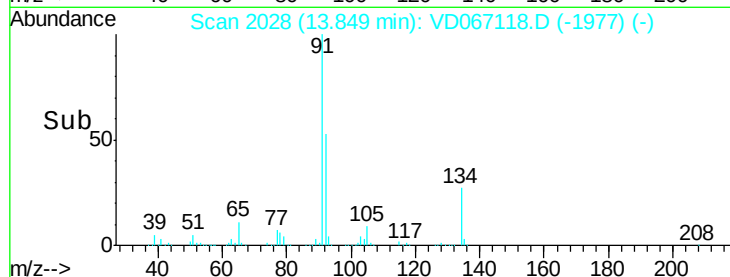
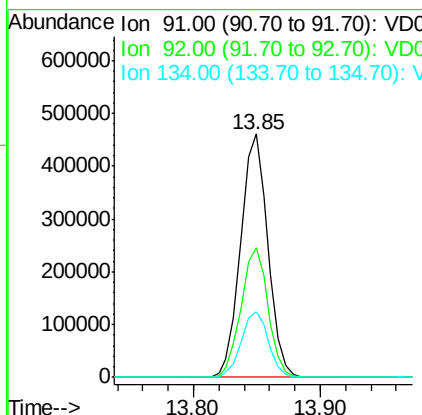
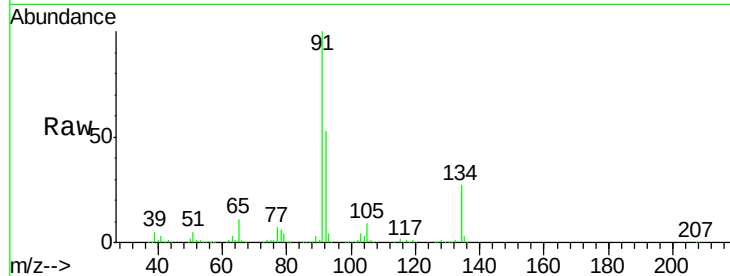
#89
n-Butylbenzene
Concen: 47.603 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.1	81.2
134	27.0	13.6	40.8

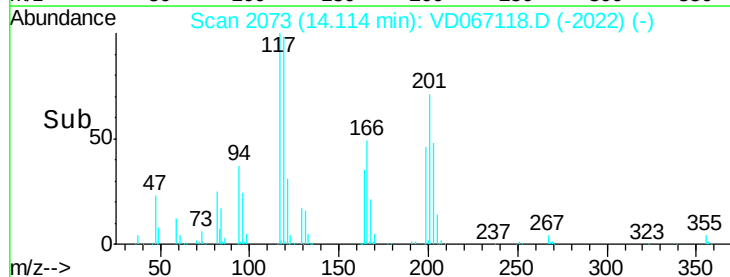
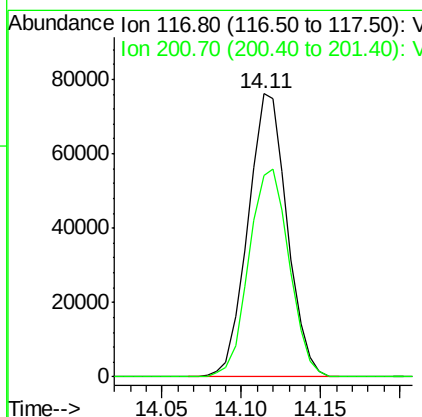
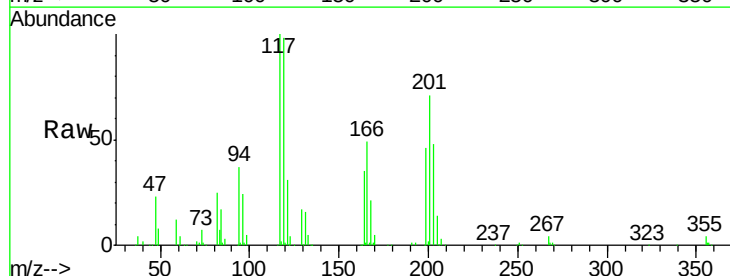
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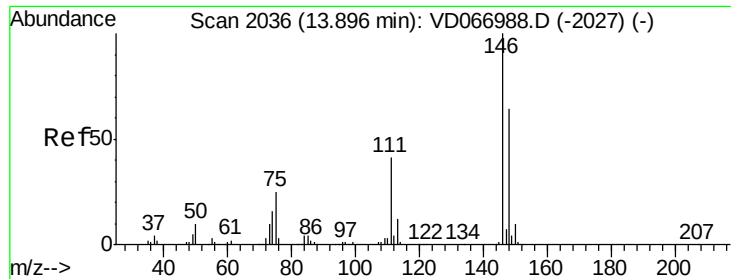
MMDadoda
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#90
Hexachloroethane
Concen: 47.696 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	37.0	110.9





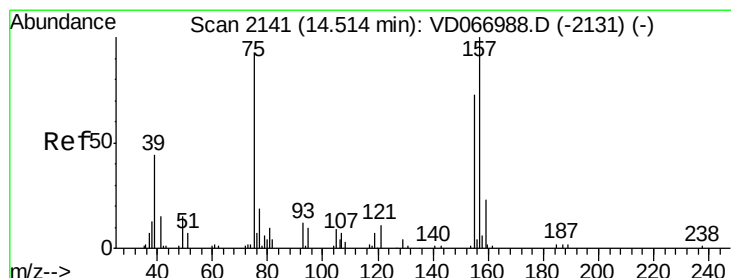
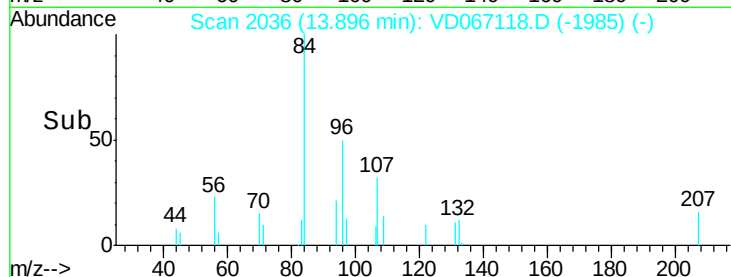
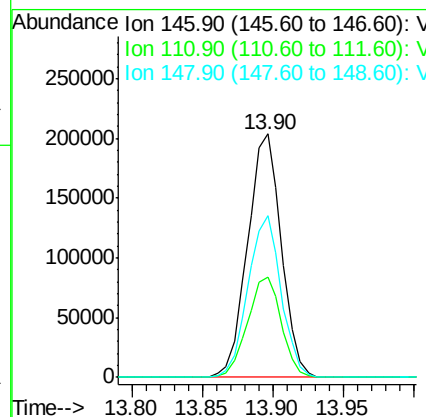
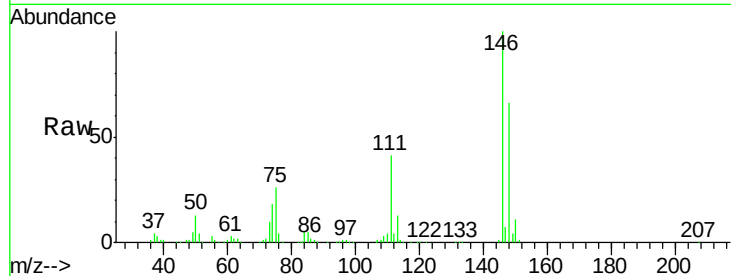
#91
 1,2-Dichlorobenzene
 Concen: 49.179 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	65.1	32.3	96.9

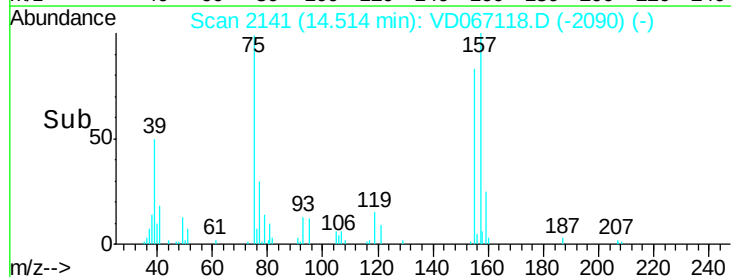
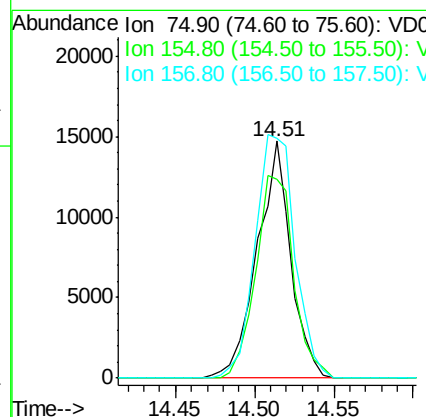
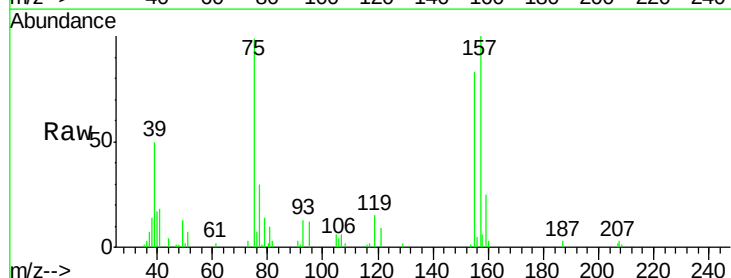
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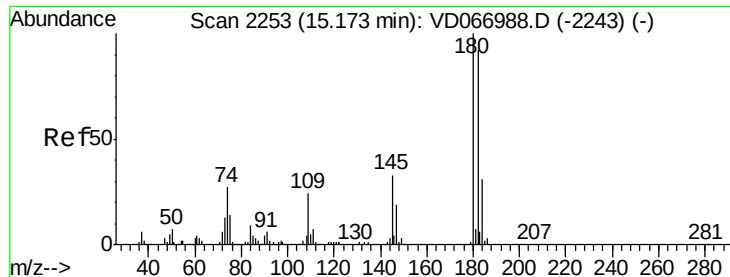
MMDadoda
 10/7/2020 12:10:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.404 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	45.2	135.6
157	121.5	56.3	168.8





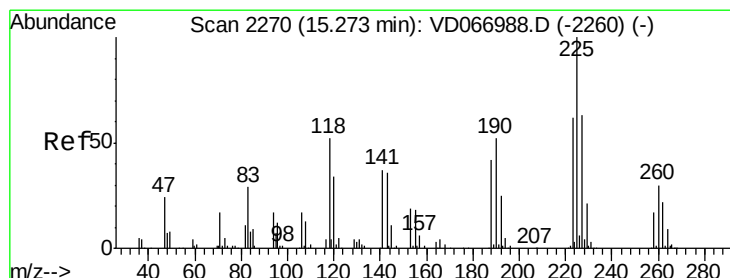
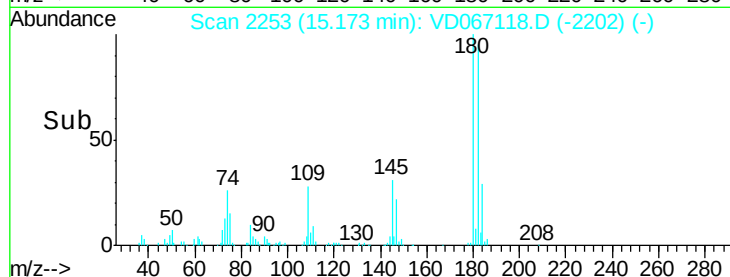
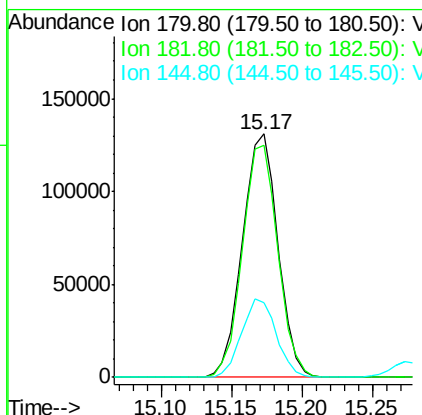
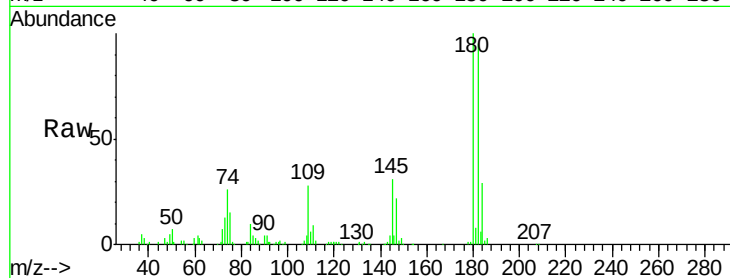
#93
 1,2,4-Trichlorobenzene
 Concen: 51.403 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	230931		
182	95.4	47.3	142.0	
145	31.6	16.4	49.1	

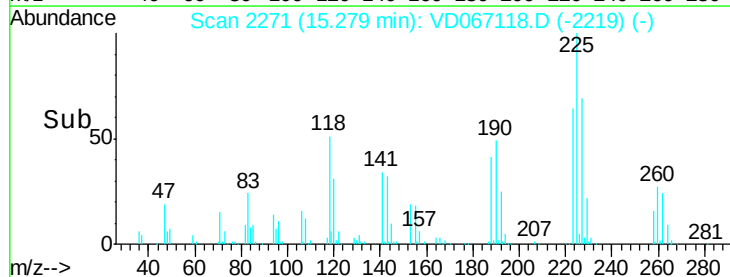
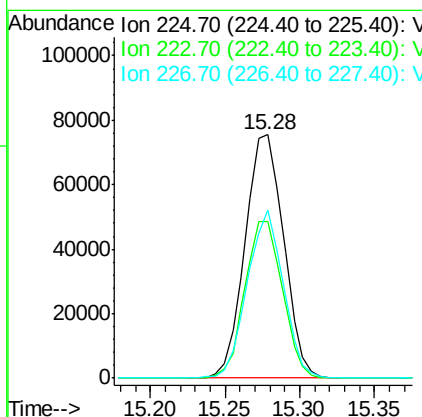
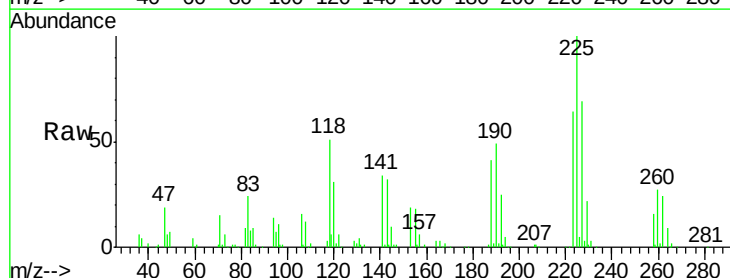
Manual Integrations
 APPROVED

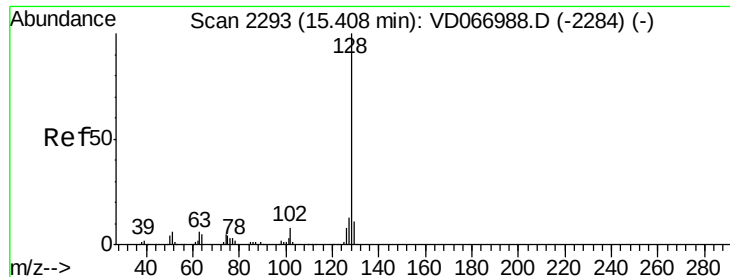
MMDadoda
 10/7/2020 12:10:07 PM



#94
 Hexachlorobutadiene
 Concen: 48.911 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134950		
223	62.9	32.4	97.0	
227	64.1	31.6	95.0	





#95

Naphthalene

Concen: 54.864 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

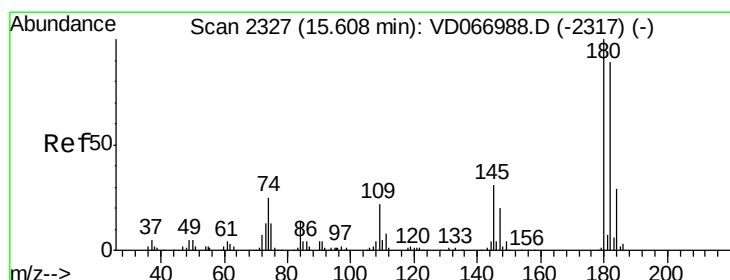
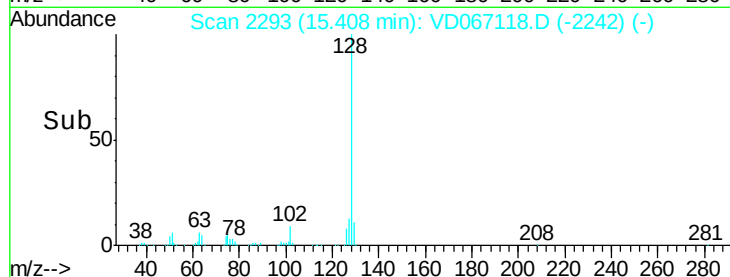
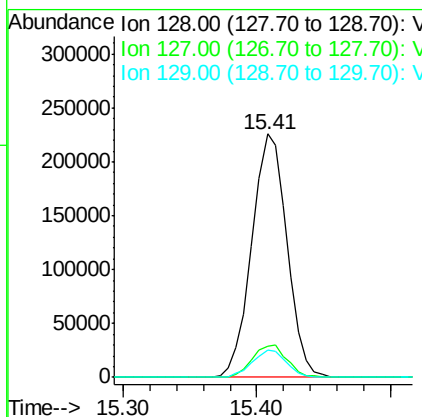
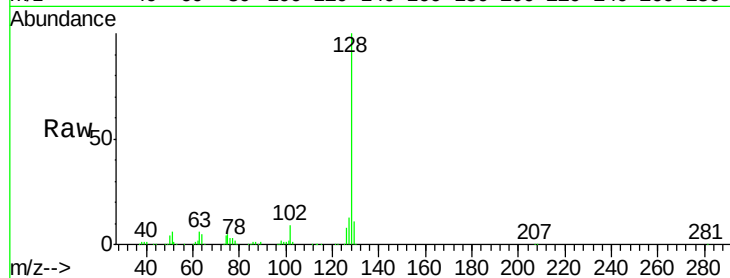
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	411123
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.735 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion:	180	Resp:	209566
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.4	139.1
145	31.9	16.6	49.7

