

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067122.D
 Acq On : 06 Oct 2020 23:06
 Operator : VA/SY
 Sample : VD1006SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:11 PM

Quant Time: Oct 07 02:04:53 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	340107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175485	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.92	113	190076	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	674656	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.64	95	238650	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	69992	22.874	ug/l	94
3) Chloromethane	2.21	50	52726	19.467	ug/l	98
4) Vinyl Chloride	2.35	62	52623	19.376	ug/l	92
5) Bromomethane	2.76	94	41241	21.051	ug/l	100
6) Chloroethane	2.93	64	33283	20.123	ug/l	100
7) Trichlorofluoromethane	3.28	101	119371	19.783	ug/l	98
8) Diethyl Ether	3.71	74	30956	20.688	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	67546	19.805	ug/l	100
10) Methyl Iodide	4.30	142	63307	19.104	ug/l	96
11) Tert butyl alcohol	5.22	59	20634	73.092	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	62211	19.404	ug/l	96
13) Acrolein	3.93	56	17428	79.452	ug/l	100
14) Allyl chloride	4.71	41	76807	18.441	ug/l	94
15) Acrylonitrile	5.43	53	55180	100.199	ug/l	93
16) Acetone	4.16	43	44590	89.168	ug/l	96
17) Carbon Disulfide	4.41	76	189218	19.231	ug/l	99
18) Methyl Acetate	4.72	43	27620	21.976	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	121525	20.764	ug/l	99
20) Methylene Chloride	4.97	84	89367	20.958	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	73408	20.119	ug/l	98
22) Diisopropyl ether	6.36	45	150807	19.833	ug/l	96
23) Vinyl Acetate	6.31	43	393334	91.286	ug/l	97
24) 1,1-Dichloroethane	6.27	63	118747	20.236	ug/l	96
25) 2-Butanone	7.21	43	62263	87.820	ug/l	97
26) 2,2-Dichloropropane	7.21	77	100030	17.231	ug/l	95
27) cis-1,2-Dichloroethene	7.21	96	79428	20.383	ug/l	99
28) Bromochloromethane	7.55	49	40913	18.053	ug/l	85
29) Tetrahydrofuran	7.57	42	36622	89.835	ug/l	93
30) Chloroform	7.71	83	136793	21.489	ug/l	96
31) Cyclohexane	7.98	56	84187	17.112	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	123669	20.962	ug/l	97
36) 1,1-Dichloropropene	8.11	75	93141	18.283	ug/l	98
37) Ethyl Acetate	7.29	43	31199	17.678	ug/l #	78
38) Carbon Tetrachloride	8.10	117	114752	20.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	96966	18.003	ug/l	96
40) Benzene	8.35	78	284798	20.127	ug/l	100
41) Methacrylonitrile	7.53	41	17693	18.557	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	82297	20.814	ug/l	96
43) Isopropyl Acetate	8.45	43	59092	18.175	ug/l	95
44) Trichloroethene	9.11	130	86030	20.361	ug/l	99
45) 1,2-Dichloropropane	9.38	63	67051	20.167	ug/l	96
46) Dibromomethane	9.47	93	39102	20.463	ug/l	96
47) Bromodichloromethane	9.66	83	105879	21.315	ug/l	95
48) Methyl methacrylate	9.46	41	26844	16.116	ug/l #	69
49) 1,4-Dioxane	9.46	88	7087	355.354	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	147133	90.855	ug/l	98
52) Toluene	10.40	92	187043	20.520	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	89876	20.245	ug/l	89
54) cis-1,3-Dichloropropene	10.09	75	108510	20.017	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	52824	19.883	ug/l	91
56) Ethyl methacrylate	10.66	69	56250	20.508	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89763	20.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	156082	102.239	ug/l	97
59) 2-Hexanone	10.98	43	96674	89.441	ug/l	95
60) Dibromochloromethane	11.14	129	78147	22.070	ug/l	100
61) 1,2-Dibromoethane	11.25	107	56278	22.049	ug/l	97
64) Tetrachloroethene	10.87	164	75310	20.055	ug/l	94
65) Chlorobenzene	11.67	112	206827	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85888	21.979	ug/l	97
67) Ethyl Benzene	11.74	91	356329	20.244	ug/l	98
68) m/p-Xylenes	11.85	106	280974	40.960	ug/l	100
69) o-Xylene	12.18	106	124938	20.367	ug/l	96
70) Styrene	12.20	104	217439	20.642	ug/l	98
71) Bromoform	12.36	173	44554	21.964	ug/l #	93
73) Isopropylbenzene	12.48	105	336966	20.200	ug/l	99
74) N-amyl acetate	12.29	43	55370	18.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	56082	19.954	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	37796m	17.663	ug/l	
77) Bromobenzene	12.76	156	84924	21.084	ug/l	95
78) n-propylbenzene	12.82	91	402588	20.421	ug/l	99
79) 2-Chlorotoluene	12.91	91	230700	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	297584	21.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15328	17.858	ug/l	90
82) 4-Chlorotoluene	13.01	91	249135	20.760	ug/l	100
83) tert-Butylbenzene	13.23	119	251534	21.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	300507	21.366	ug/l	98
85) sec-Butylbenzene	13.41	105	339624	20.320	ug/l	100
86) p-Isopropyltoluene	13.52	119	315551	20.364	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	162284	20.684	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	158101	20.153	ug/l	98
89) n-Butylbenzene	13.85	91	269548	19.034	ug/l	97
90) Hexachloroethane	14.11	117	54350	20.024	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	143599	20.957	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8801	19.426	ug/l	96

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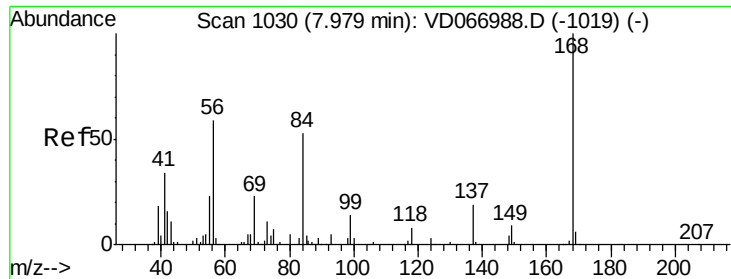
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87236	19.683	ug/l	99
94) Hexachlorobutadiene	15.28	225	53589	19.688	ug/l	97
95) Naphthalene	15.41	128	140959	19.068	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	77308	20.093	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion:168 Resp: 340107

Ion Ratio Lower Upper

168 100

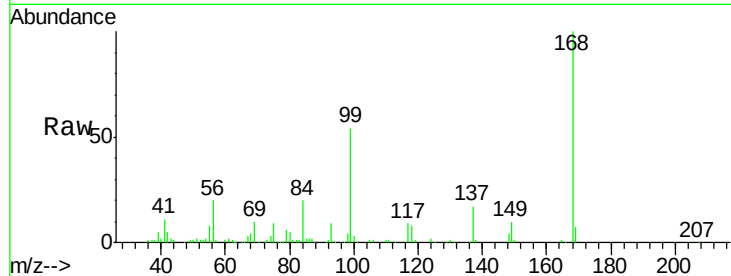
99 54.0 44.1 66.1

Manual Integrations

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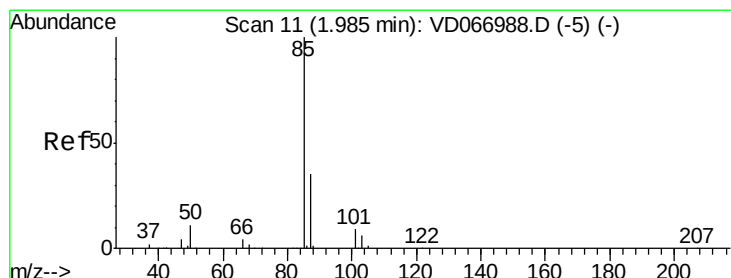
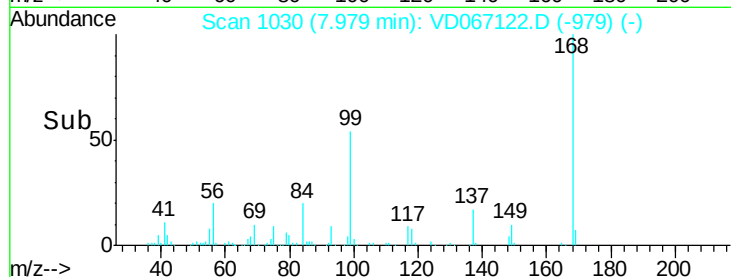
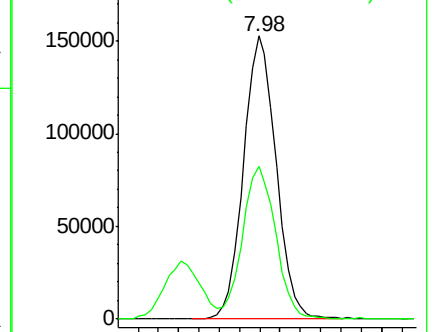
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.874 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067122.D

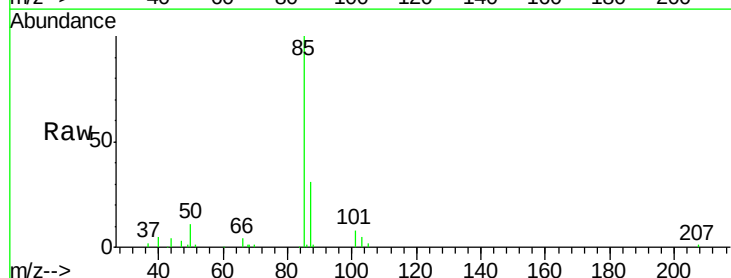
Acq: 06 Oct 2020 23:06

Tgt Ion: 85 Resp: 69992

Ion Ratio Lower Upper

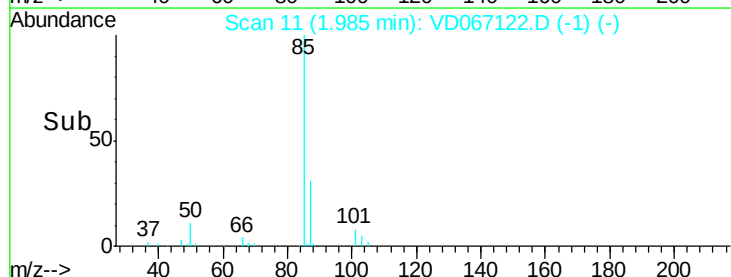
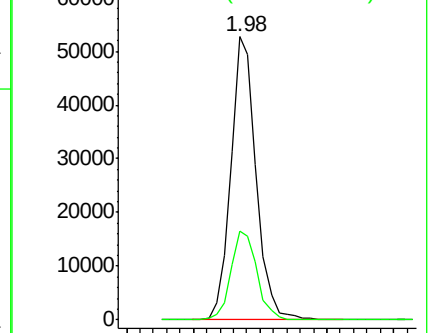
85 100

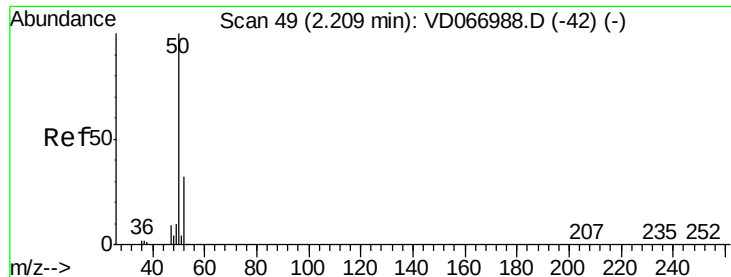
87 31.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.467 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 50 Resp: 52726

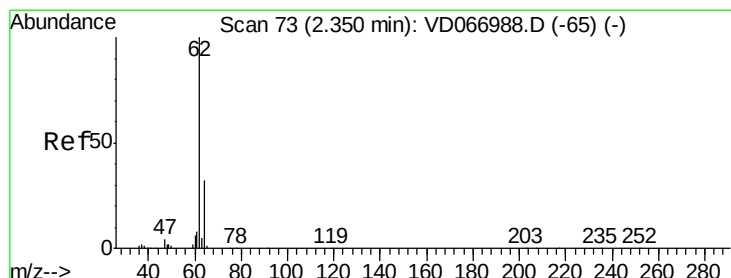
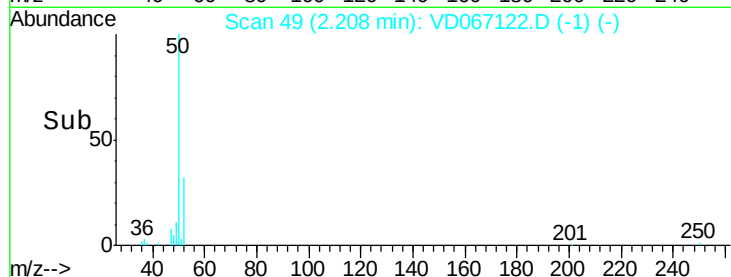
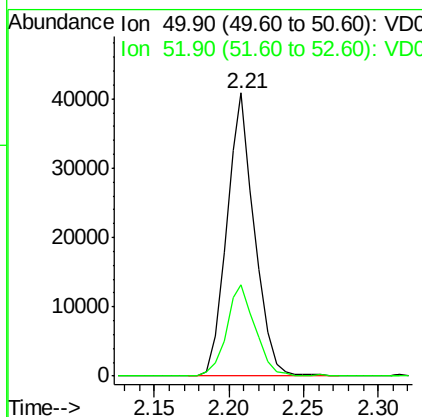
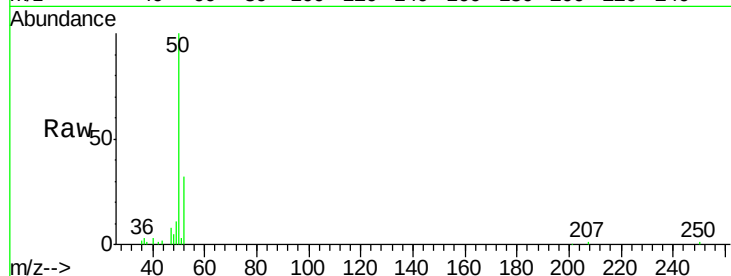
Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9

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#4

Vinyl Chloride

Concen: 19.376 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067122.D

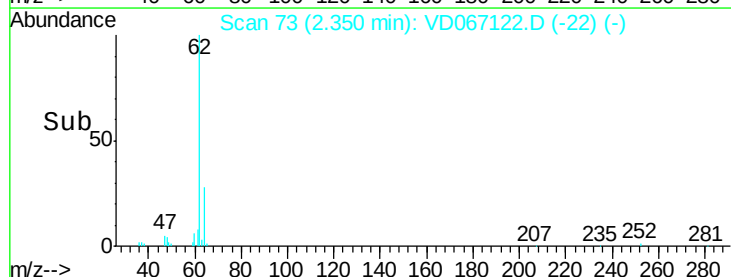
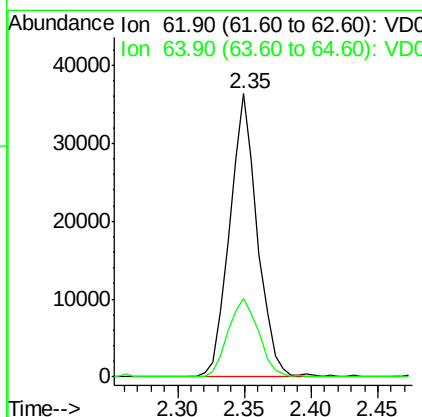
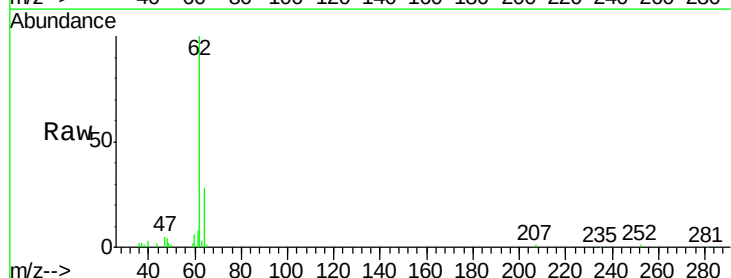
Acq: 06 Oct 2020 23:06

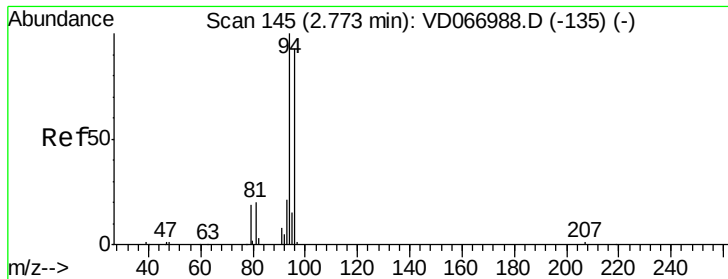
Tgt Ion: 62 Resp: 52623

Ion Ratio Lower Upper

62 100

64 27.7 25.8 38.8





#5

Bromomethane

Concen: 21.051 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 94 Resp: 41241

Ion Ratio Lower Upper

94 100

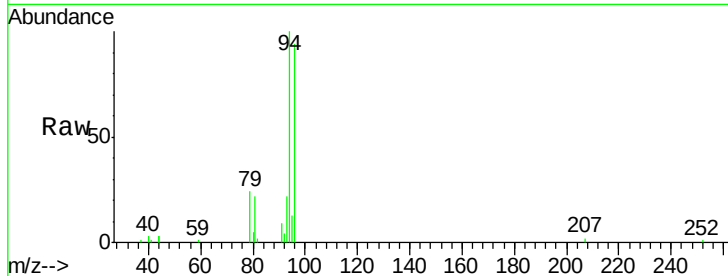
96 93.0 74.6 112.0

Manual Integrations

APPROVED

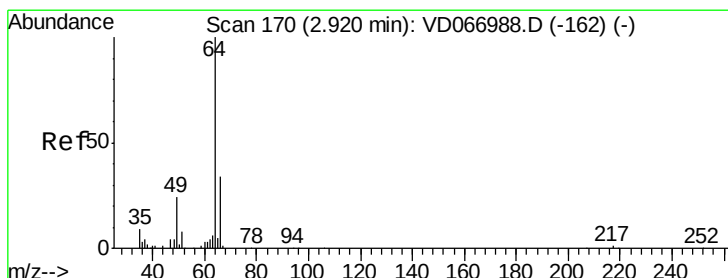
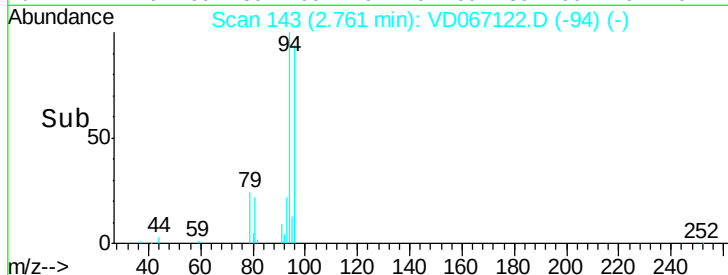
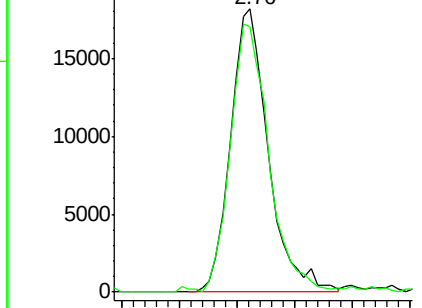
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.123 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067122.D

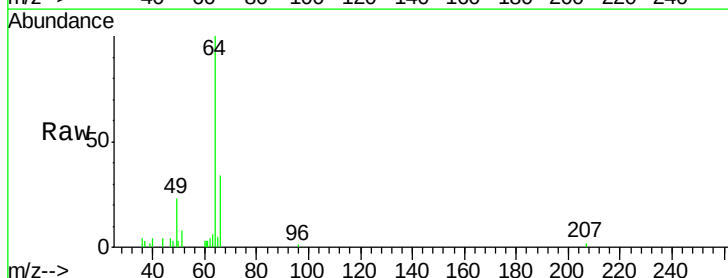
Acq: 06 Oct 2020 23:06

Tgt Ion: 64 Resp: 33283

Ion Ratio Lower Upper

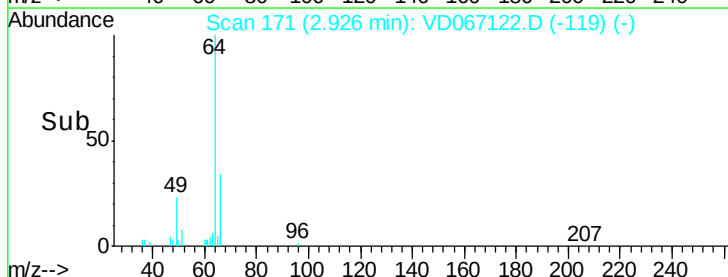
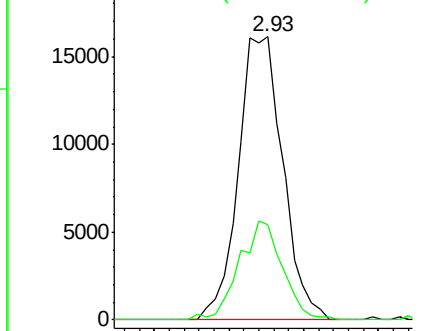
64 100

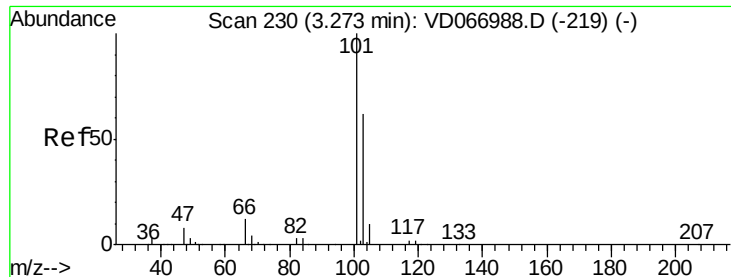
66 33.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

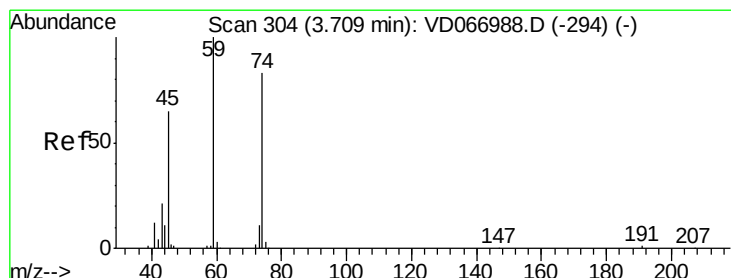
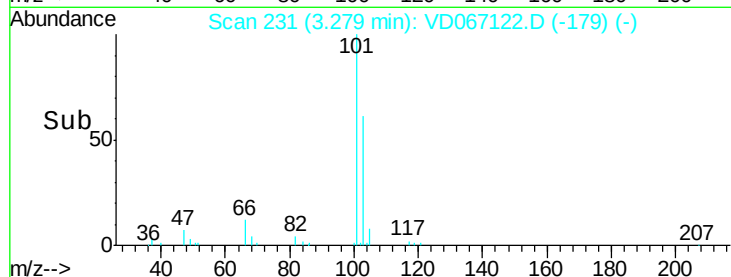
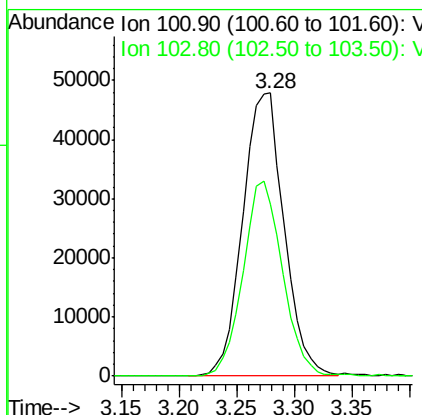
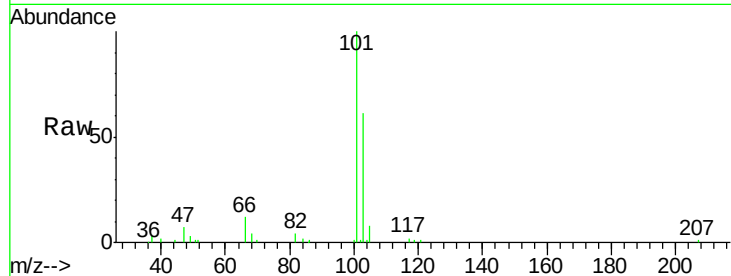
Trichlorofluoromethane
 Concen: 19.783 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067122.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	49.8	74.8

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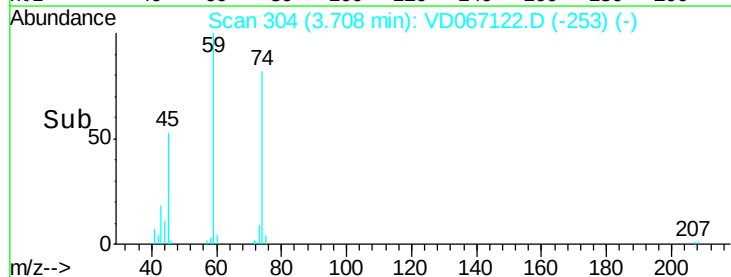
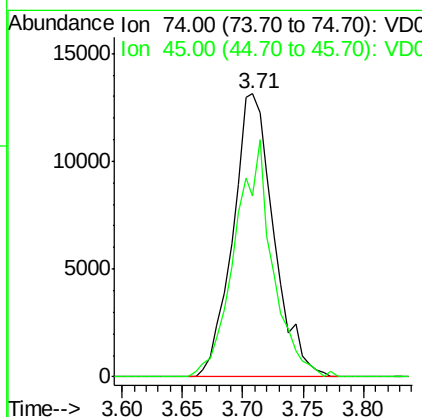
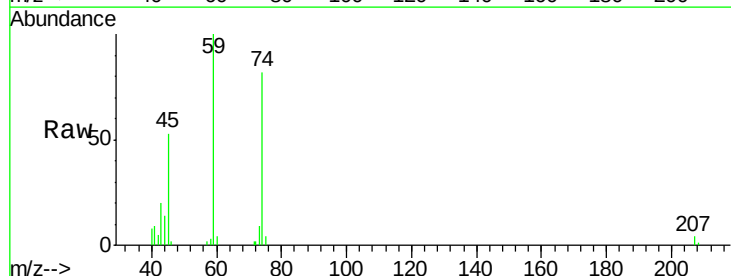
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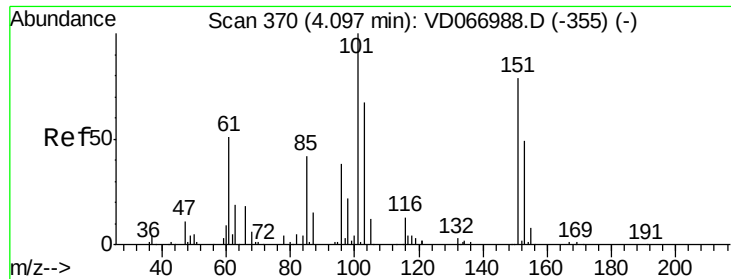


#8

Diethyl Ether
 Concen: 20.688 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.0	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.805 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

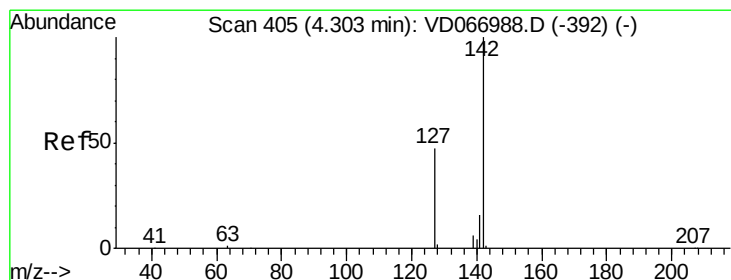
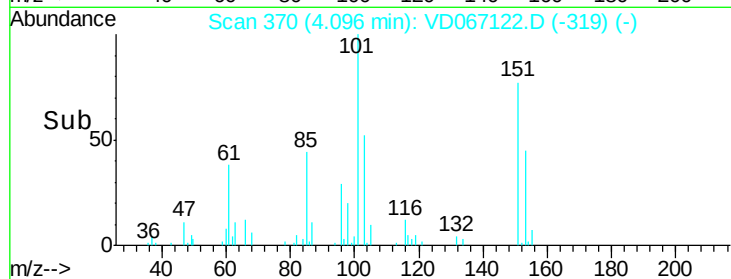
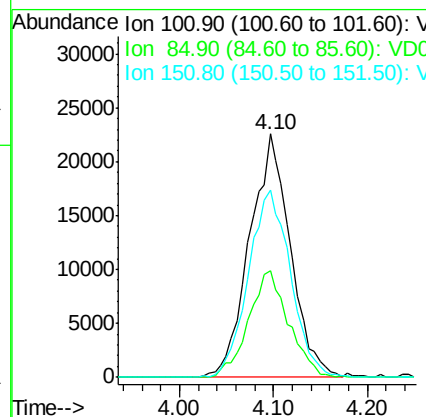
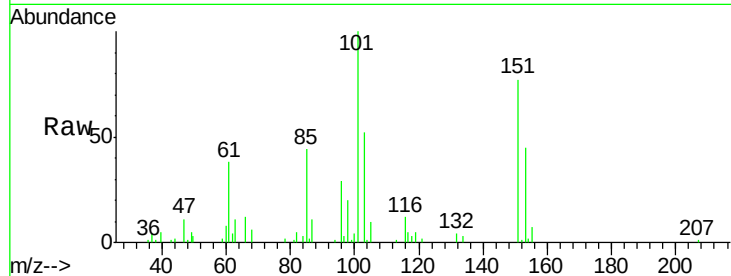
ClientSampleId :

VD1006SBS02

Tot Ion:	101	Resp:	67546
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.8
151	79.7	63.8	95.8

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#10

Methyl Iodide

Concen: 19.104 ug/l

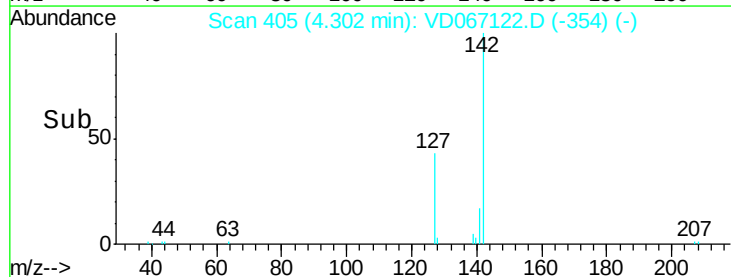
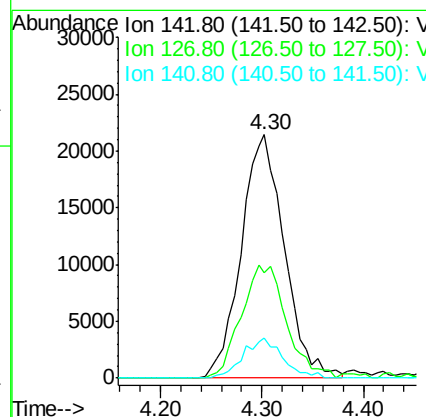
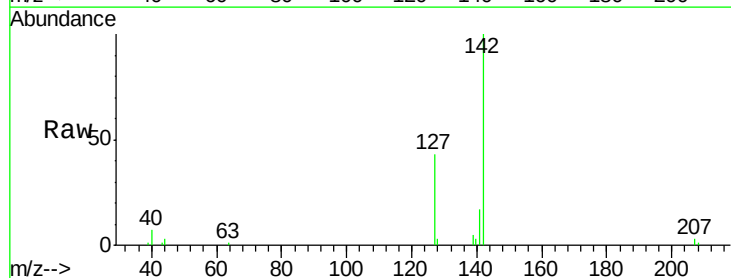
RT: 4.30 min Scan# 405

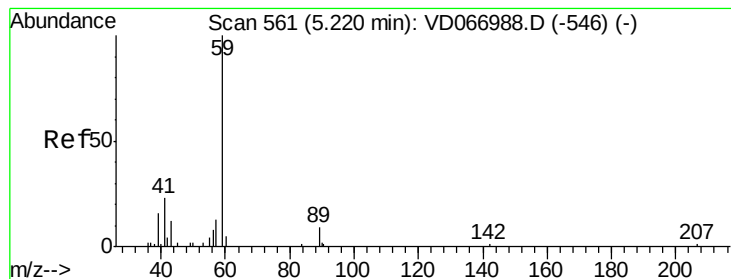
Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Tgt Ion:	142	Resp:	63307
Ion Ratio	Lower	Upper	
142	100		
127	48.4	36.3	54.5
141	15.1	12.0	18.0





#11

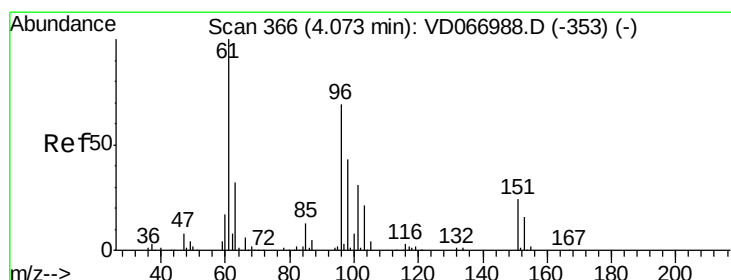
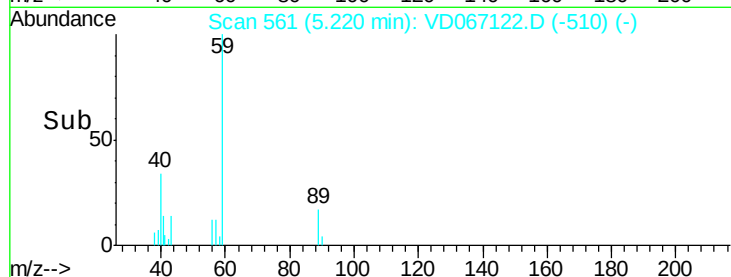
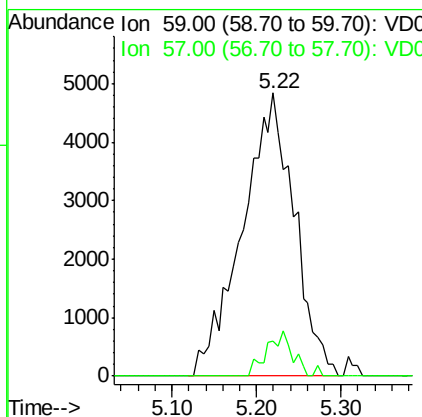
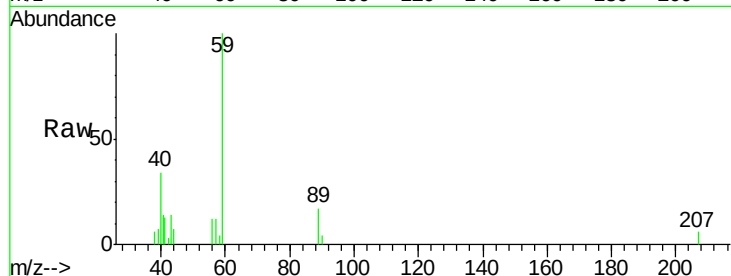
Tert butyl alcohol
Concen: 73.092 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 59 Resp: 20634
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4#

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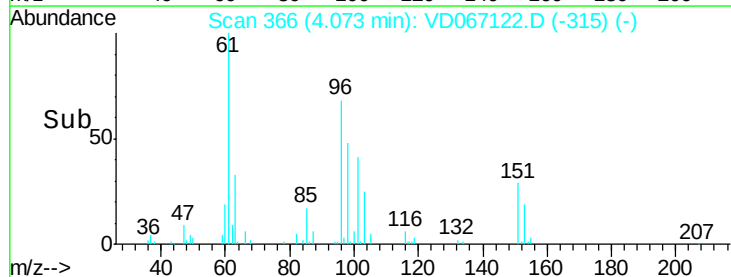
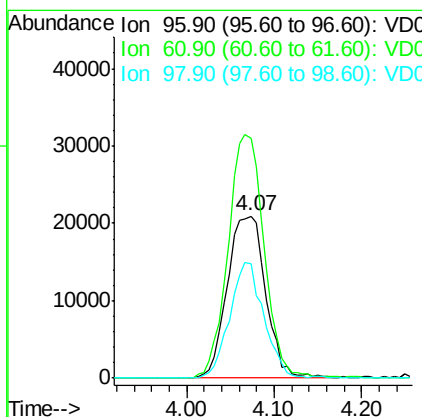
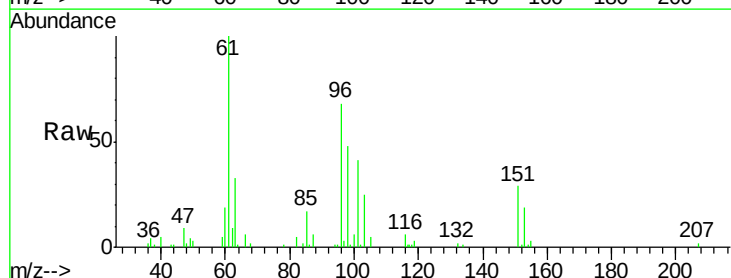
MMDadoda
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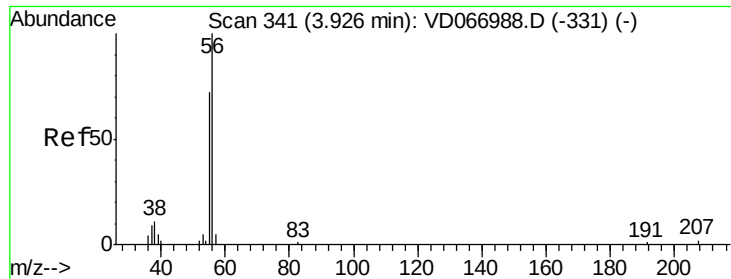


#12

1,1-Dichloroethene
Concen: 19.404 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 96 Resp: 62211
Ion Ratio Lower Upper
96 100
61 147.9 116.4 174.6
98 70.4 49.9 74.9





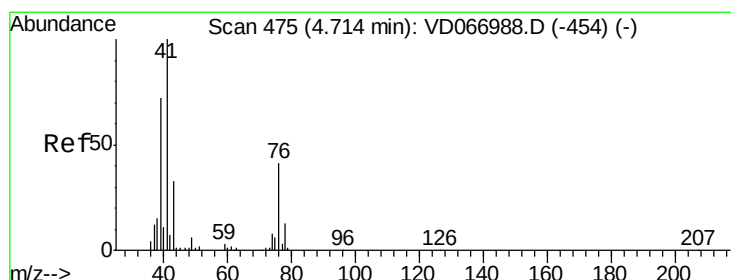
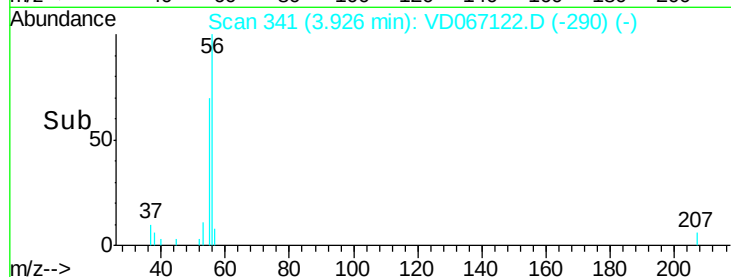
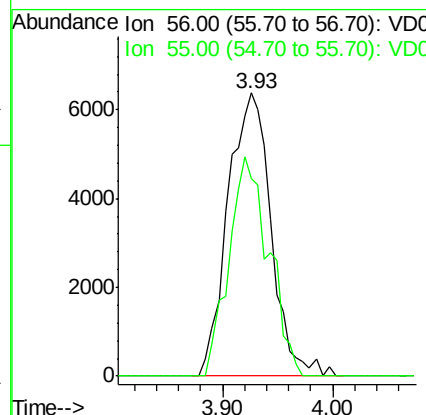
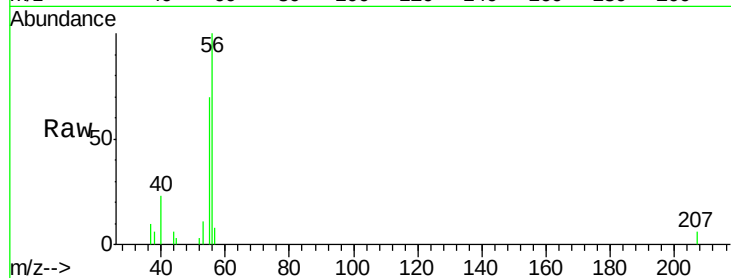
#13
Acrolein
Concen: 79.452 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	56	Resp	17428
Ion Ratio	Lower	Upper	
56	100		
55	71.5	56.9	85.3

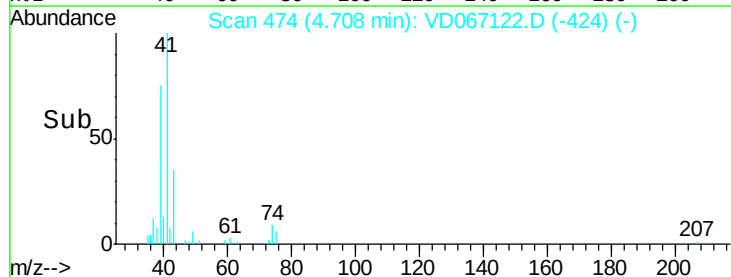
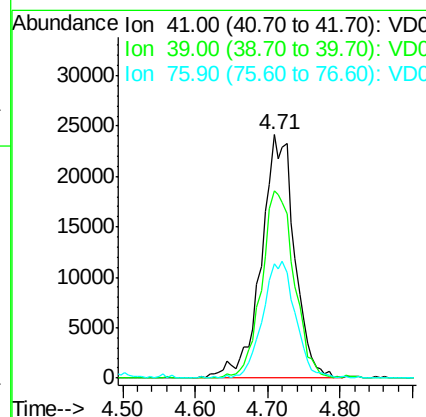
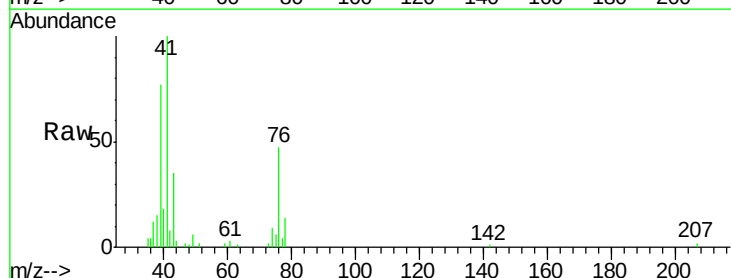
Manual Integrations
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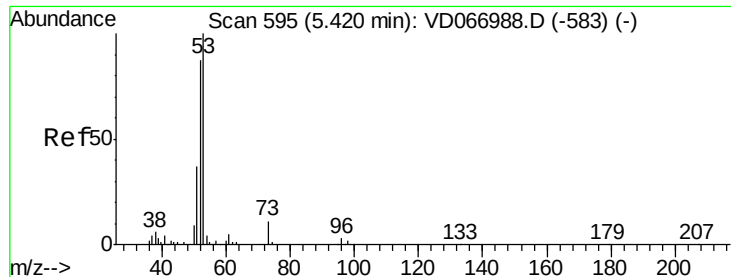
MMDadoda
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#14
Allyl chloride
Concen: 18.441 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	41	Resp	76807
Ion Ratio	Lower	Upper	
41	100		
39	75.3	56.2	84.2
76	47.0	34.2	51.2





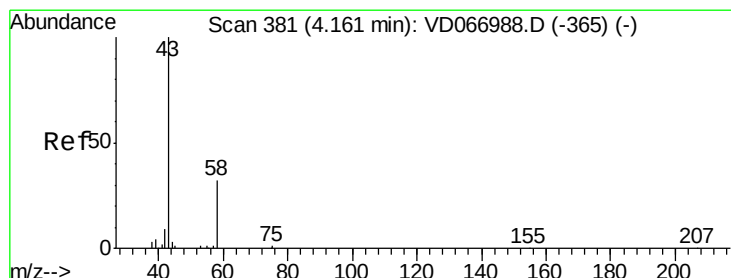
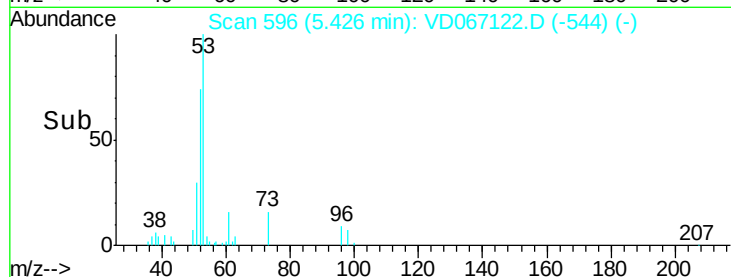
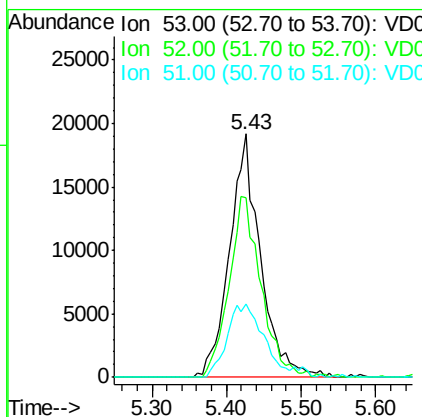
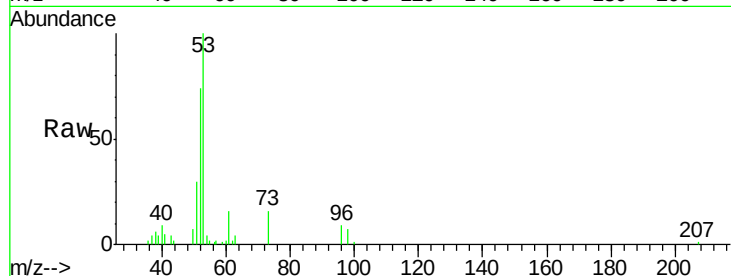
#15
 Acrylonitrile
 Concen: 100.199 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	76.6	67.3	100.9
51	35.2	30.2	45.2

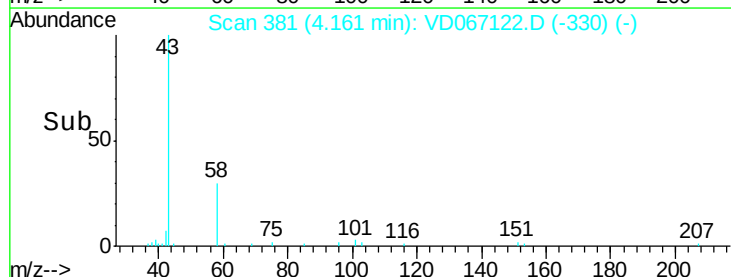
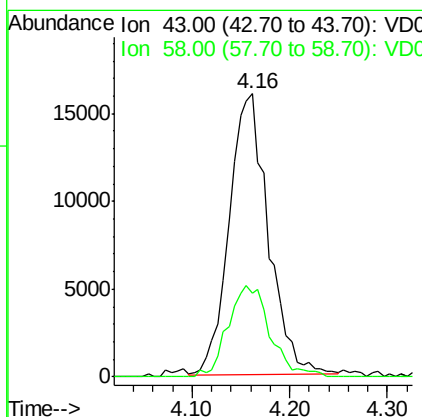
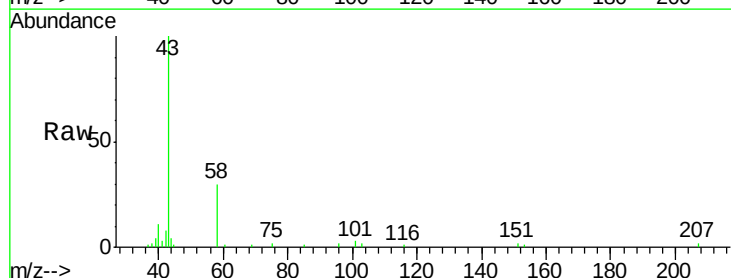
Manual Integrations
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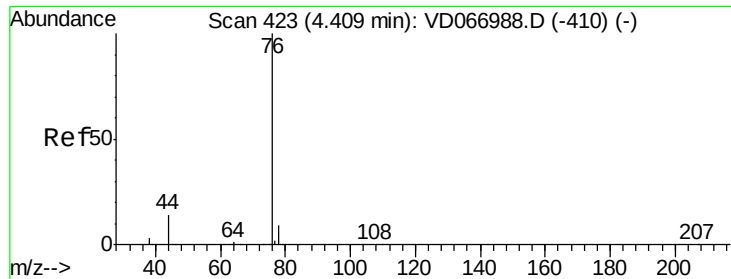
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#16
 Acetone
 Concen: 89.168 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.9	38.9





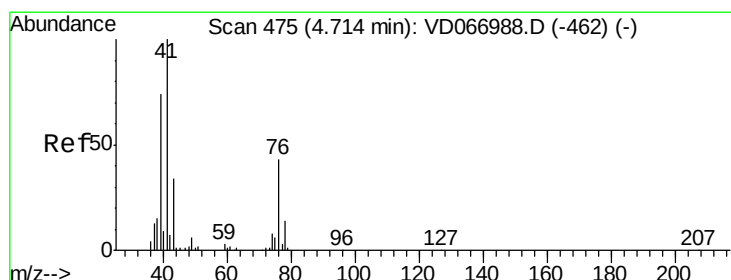
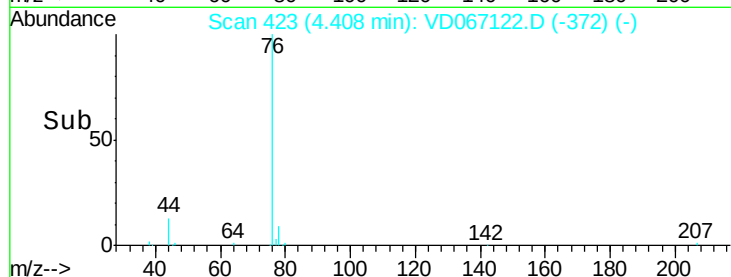
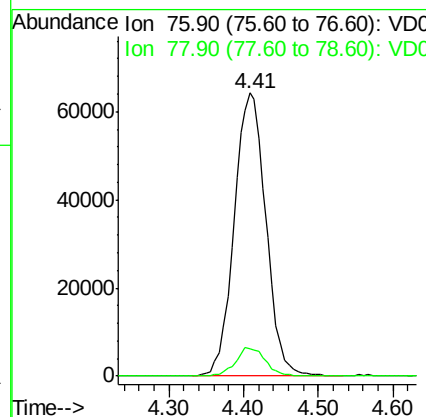
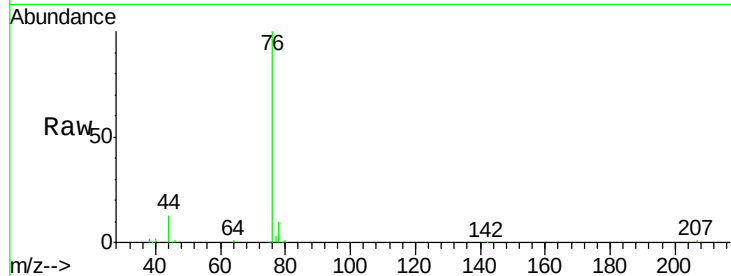
#17
Carbon Disulfide
Concen: 19.231 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3

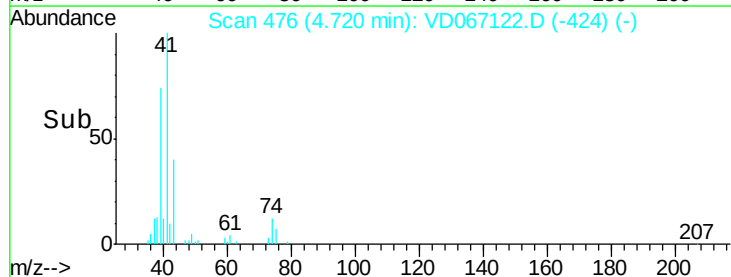
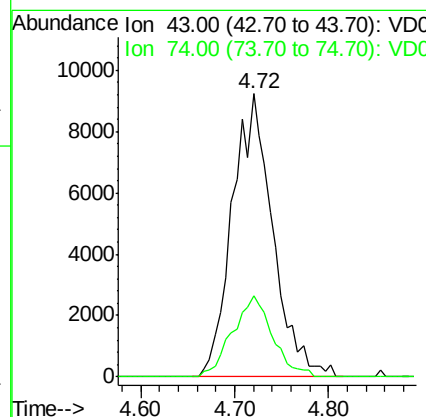
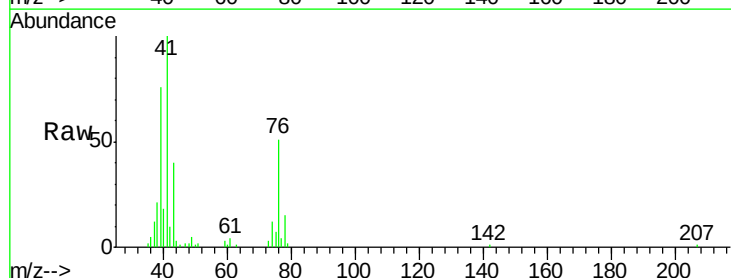
Manual Integrations
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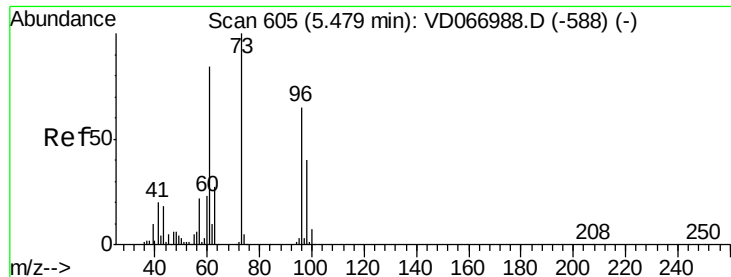
MMDadoda
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#18
Methyl Acetate
Concen: 21.976 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	21.5	32.3





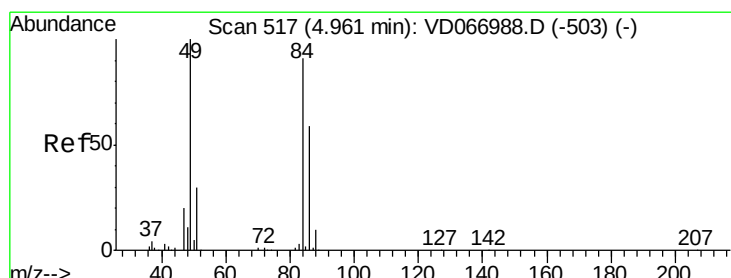
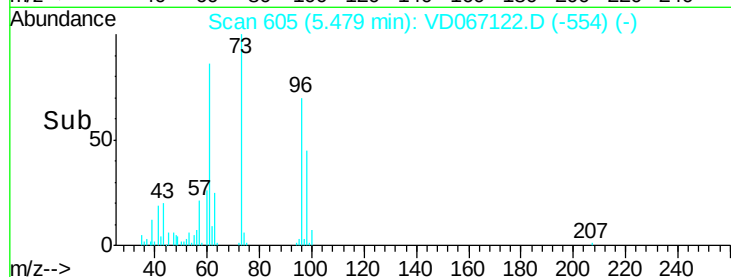
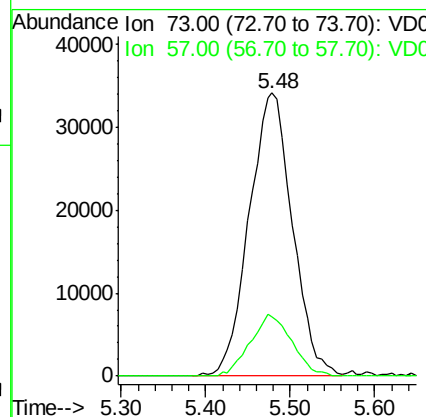
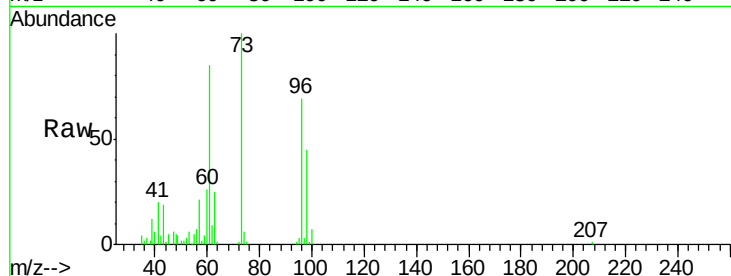
#19
Methyl tert-butyl Ether
Concen: 20.764 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.4	26.0

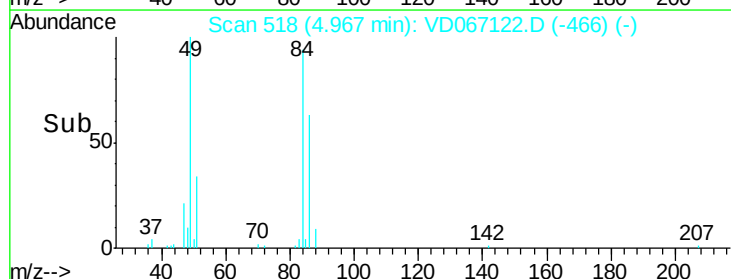
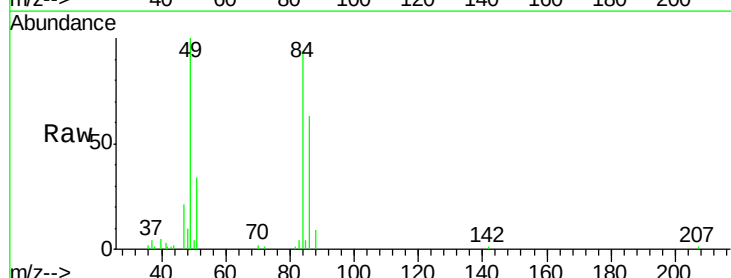
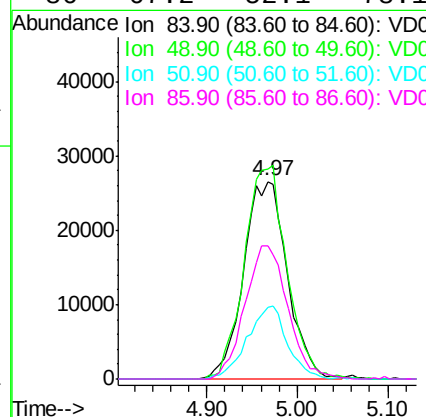
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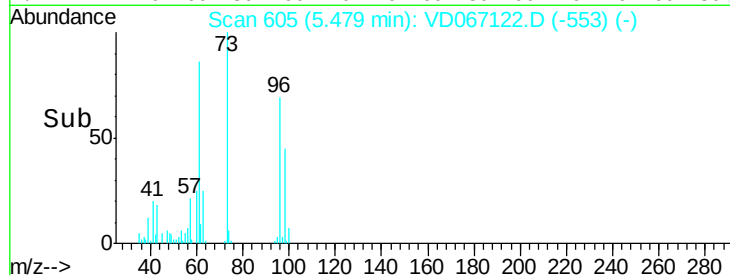
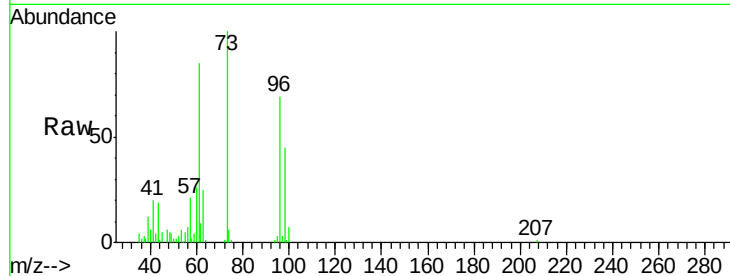
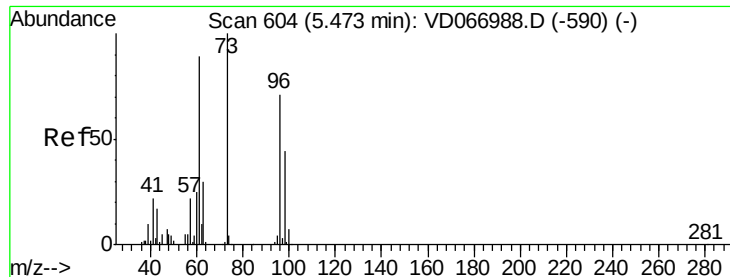
MMDadoda
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#20
Methylene Chloride
Concen: 20.958 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.0	88.2	132.2
51	36.5	26.6	39.8
86	67.2	52.1	78.1





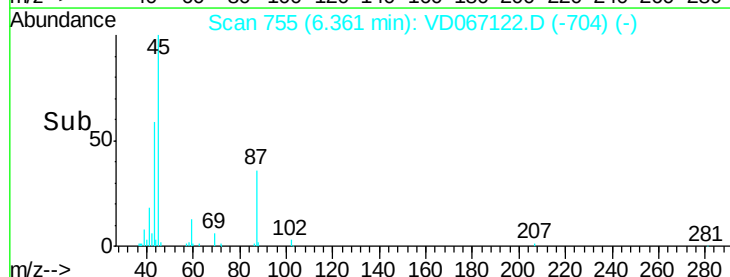
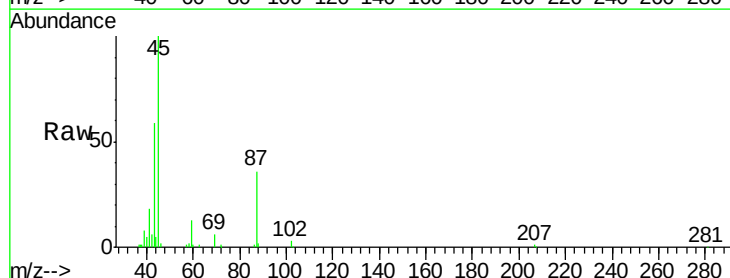
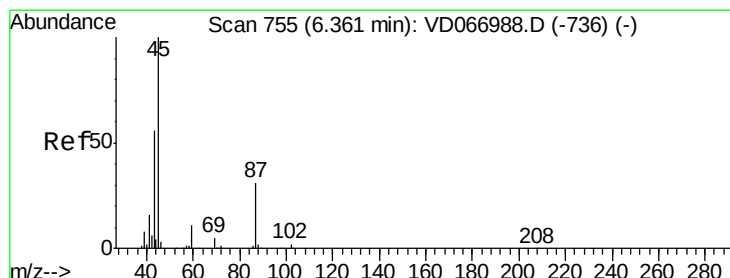
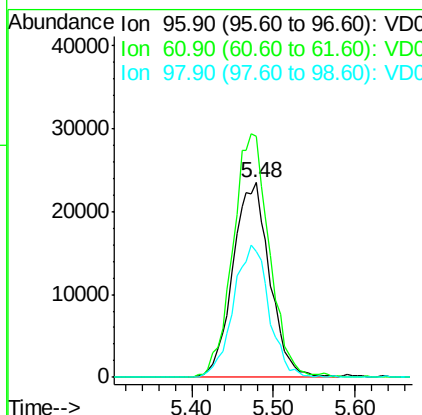
#21
trans-1,2-Dichloroethene
Concen: 20.119 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.9	99.6	149.4
98	64.9	49.4	74.2

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

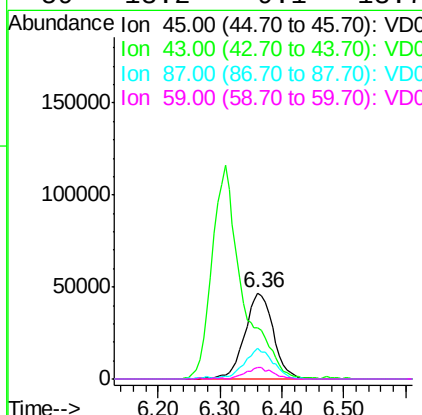
Manual Integrations
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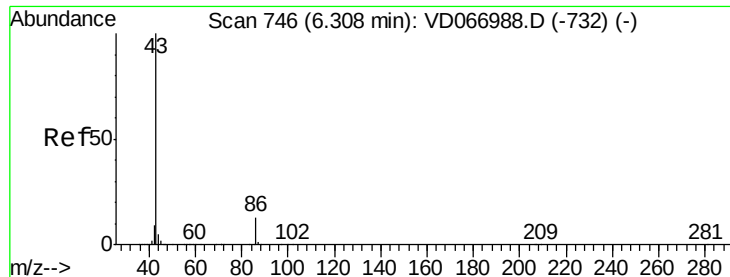
MMDadoda
10/7/2020 12:10:11 PM



#22
Diisopropyl ether
Concen: 19.833 ug/l
RT: 6.36 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.4	45.2	67.8
87	35.7	25.6	38.4
59	13.2	9.1	13.7





#23

Vinyl Acetate

Concen: 91.286 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 43 Resp: 393334

Ion Ratio Lower Upper

43 100

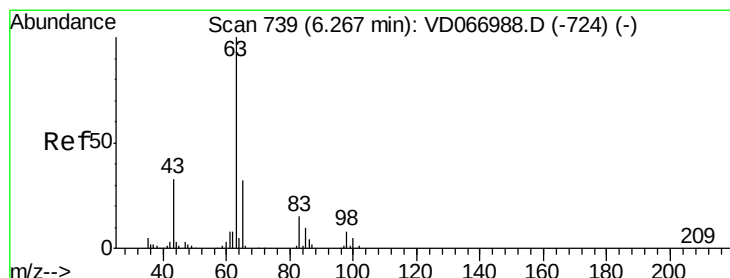
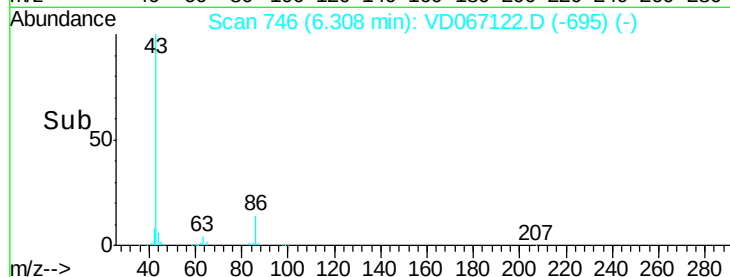
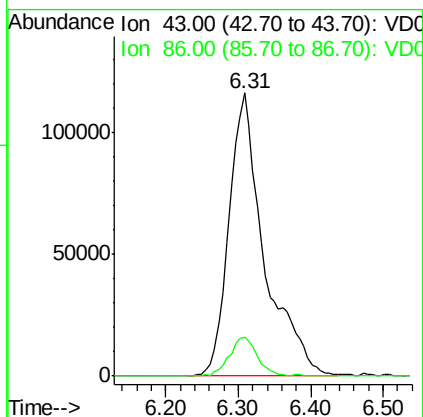
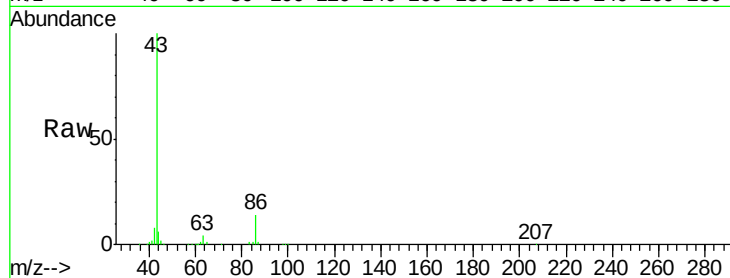
86 13.9 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.236 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

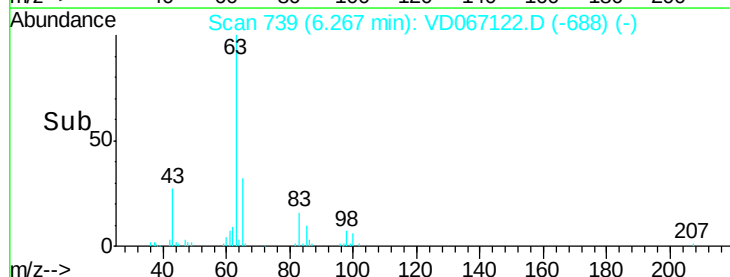
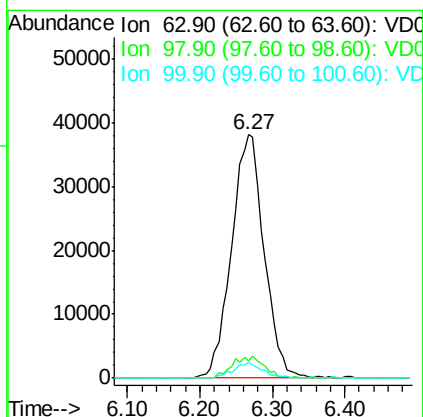
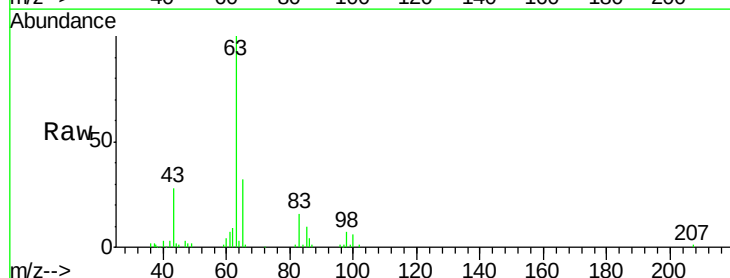
Tgt Ion: 63 Resp: 118747

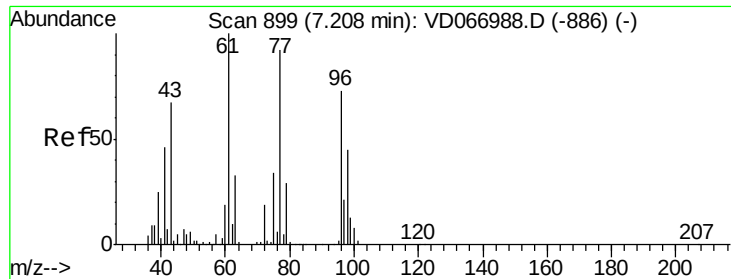
Ion Ratio Lower Upper

63 100

98 6.9 4.2 12.6

100 6.4 2.6 7.8





#25

2-Butanone

Concen: 87.820 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 43 Resp: 62263

Ion Ratio Lower Upper

43 100

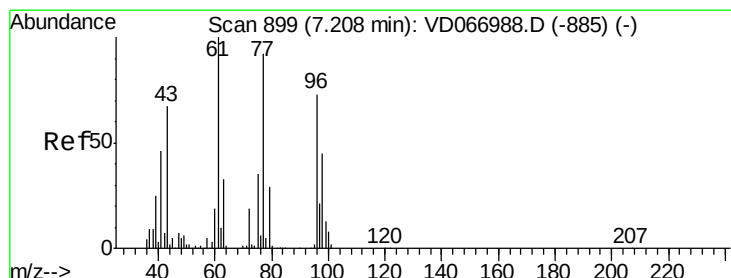
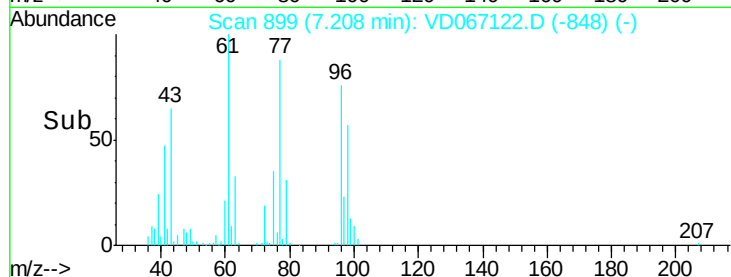
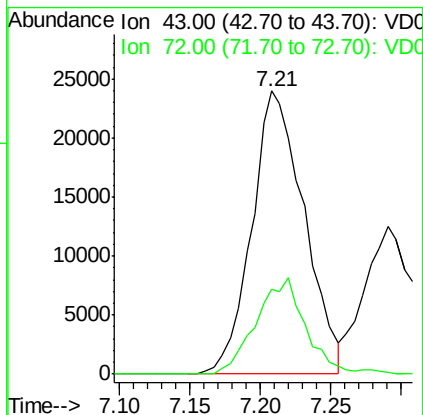
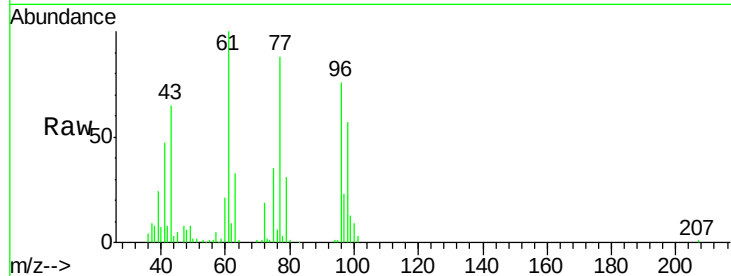
72 30.0 22.8 34.2

Manual Integrations

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MMDadoda

10/7/2020 12:10:11 PM



#26

2,2-Dichloropropane

Concen: 17.231 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067122.D

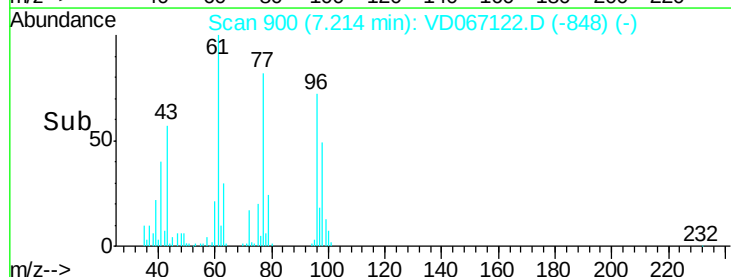
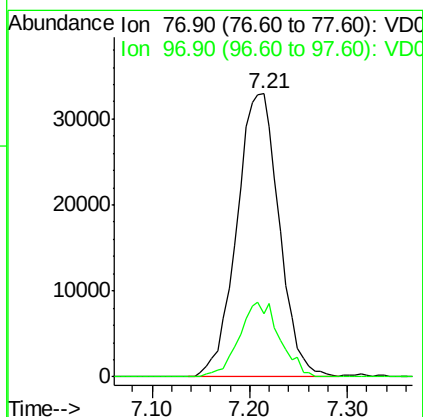
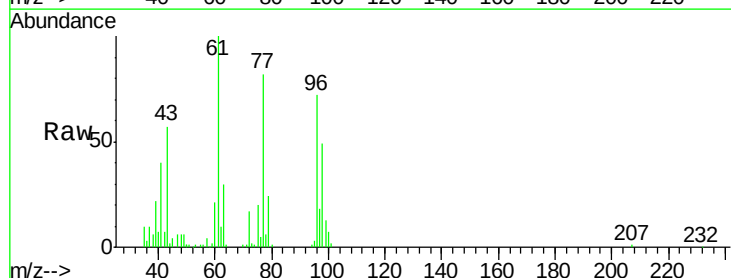
Acq: 06 Oct 2020 23:06

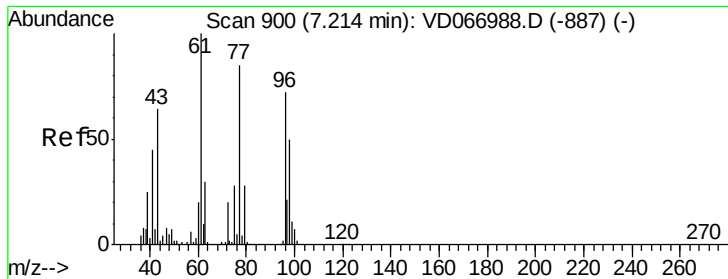
Tgt Ion: 77 Resp: 100030

Ion Ratio Lower Upper

77 100

97 25.2 11.4 34.2





#27

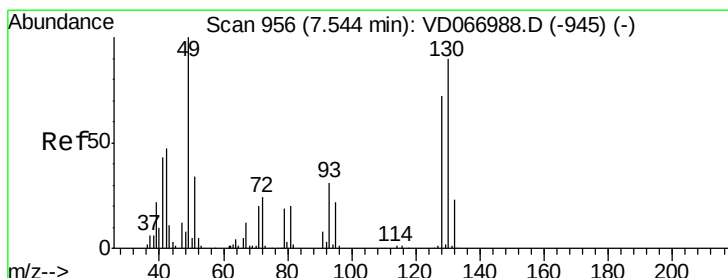
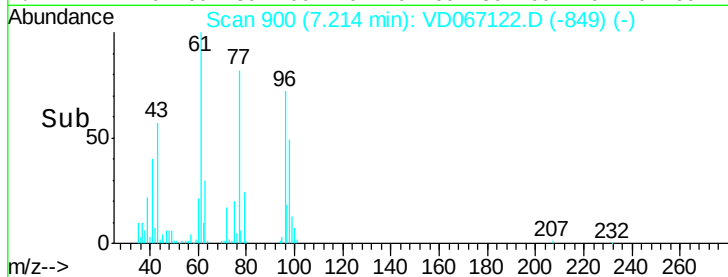
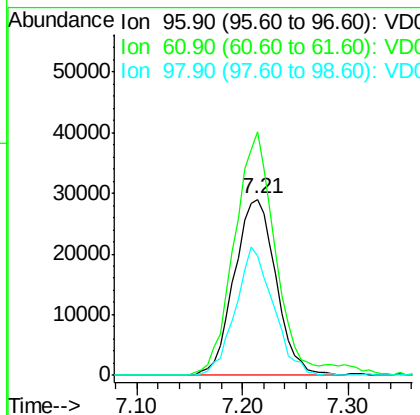
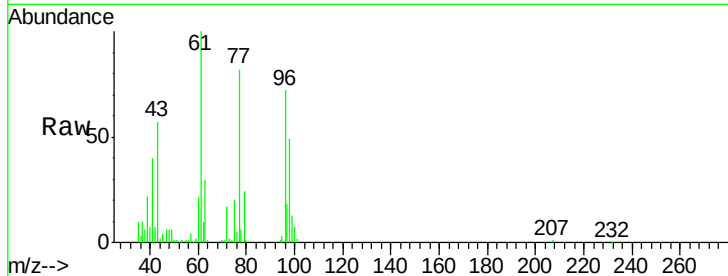
cis-1,2-Dichloroethene
Concen: 20.383 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	269.2
98	66.1	0.0	129.4

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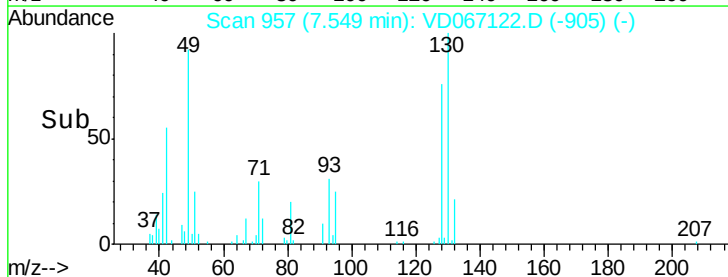
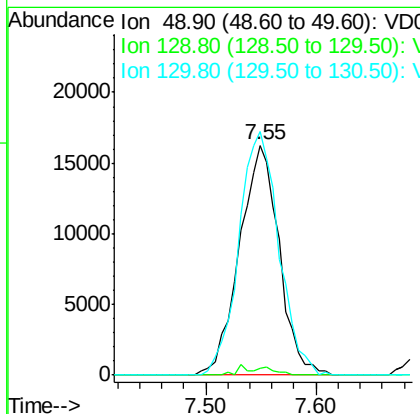
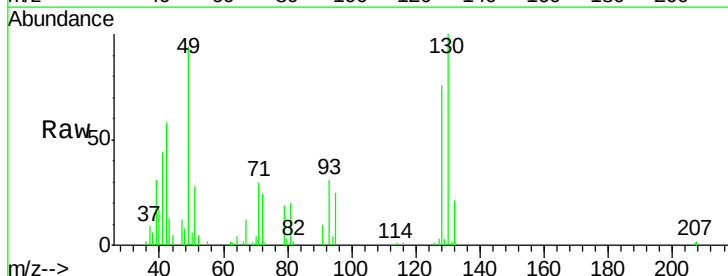
MMDadoda
10/7/2020 12:10:11 PM

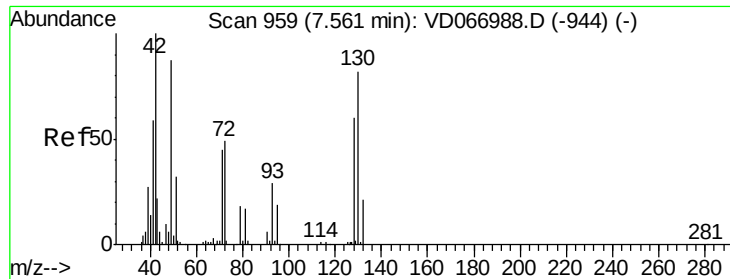


#28

Bromochloromethane
Concen: 18.053 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	107.3	74.1	111.1





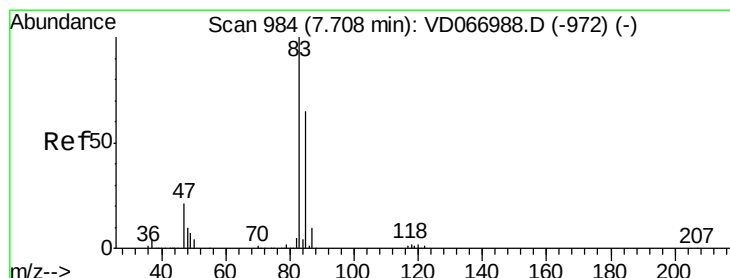
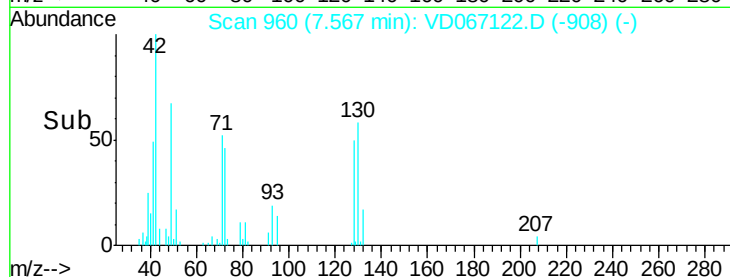
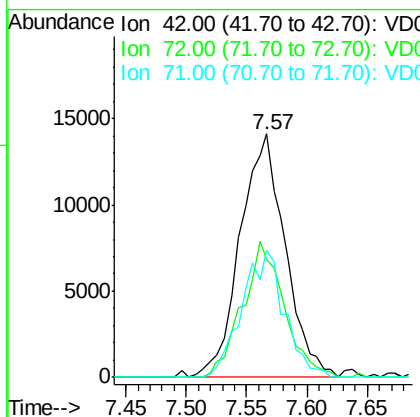
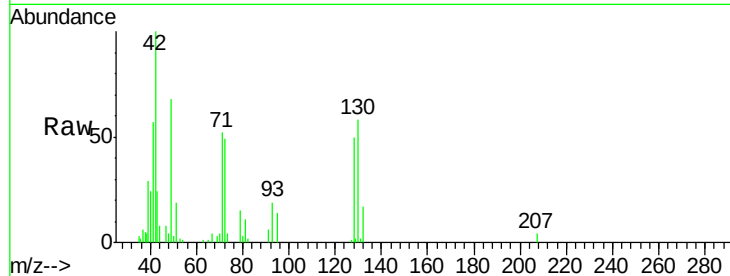
#29
Tetrahydrofuran
Concen: 89.835 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.9	39.1	58.7
71	49.4	34.2	51.4

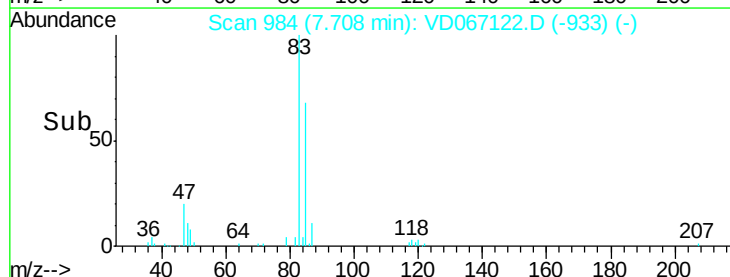
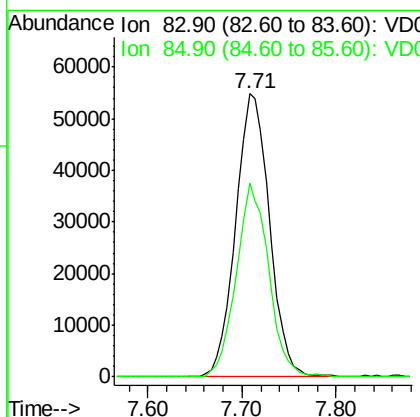
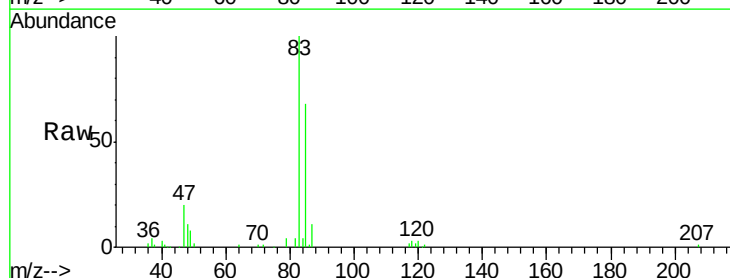
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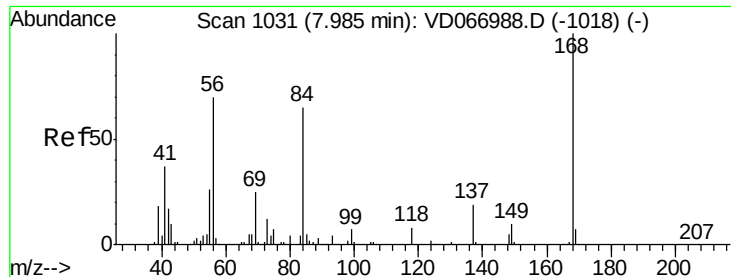
MMDadoda
10/7/2020 12:10:11 PM



#30
Chloroform
Concen: 21.489 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.3	78.5





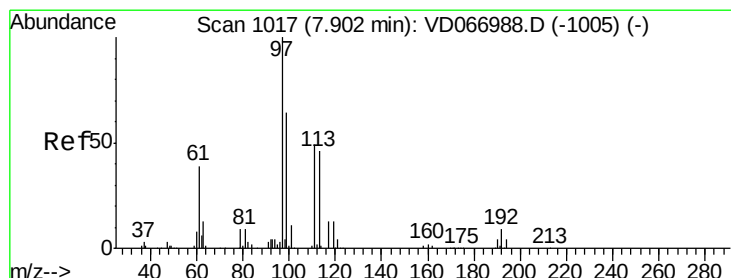
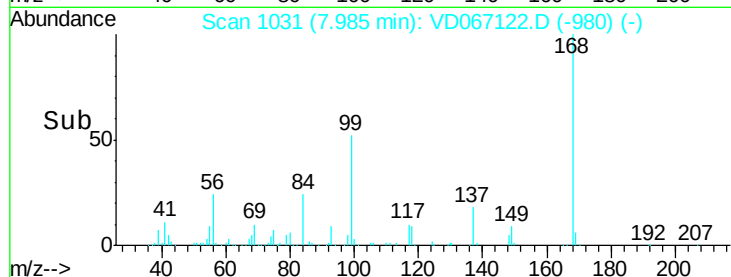
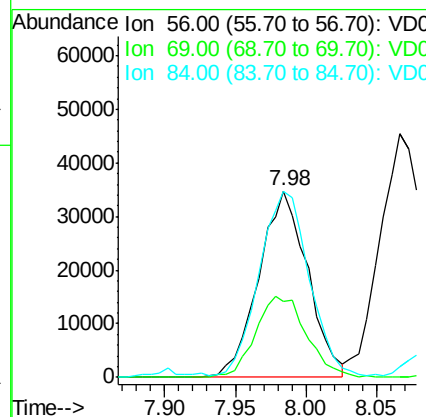
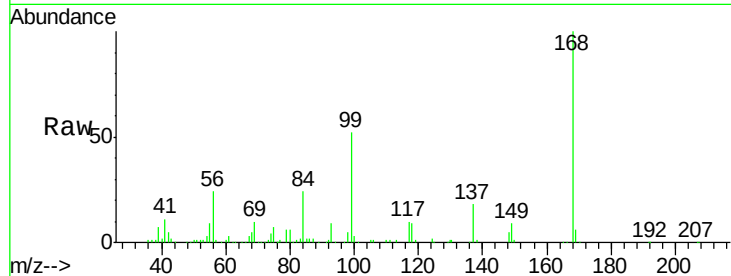
#31
Cyclohexane
Concen: 17.112 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	29.0	43.6
84	98.2	74.2	111.2

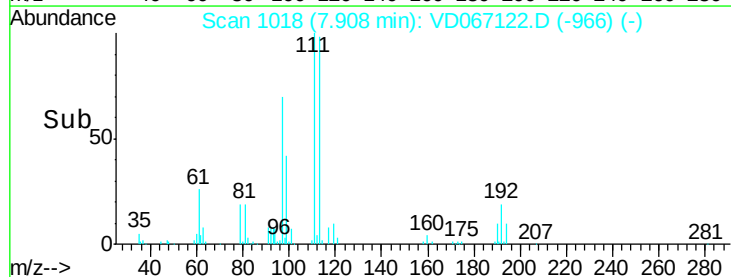
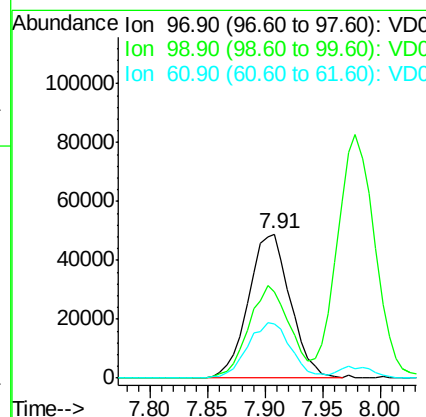
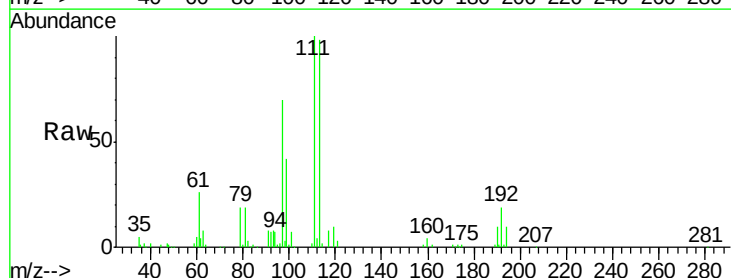
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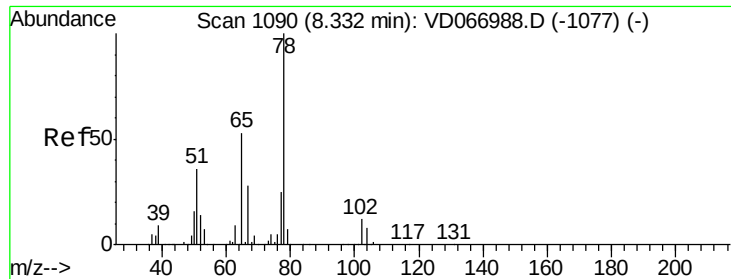
MMDadoda
10/7/2020 12:10:11 PM



#32
1,1,1-Trichloroethane
Concen: 20.962 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.6	78.8
61	40.1	32.8	49.2





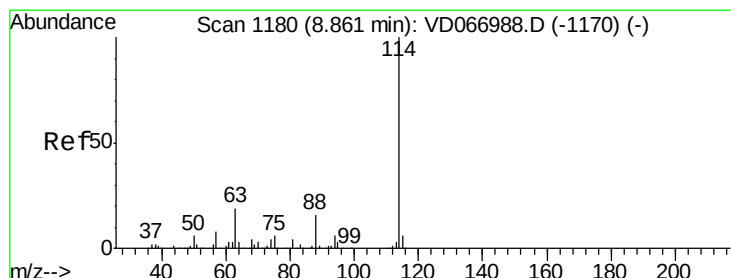
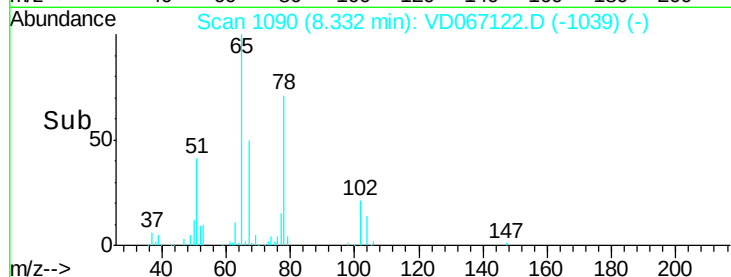
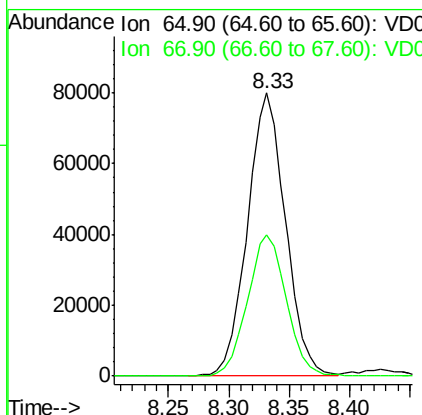
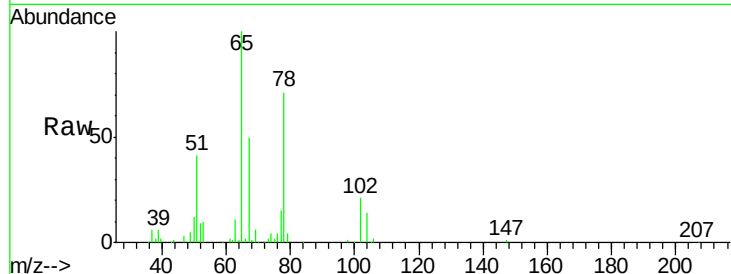
#33
 1,2-Dichloroethane-d4
 Concen: 53.569 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175485		
67	51.0	0.0	106.8	

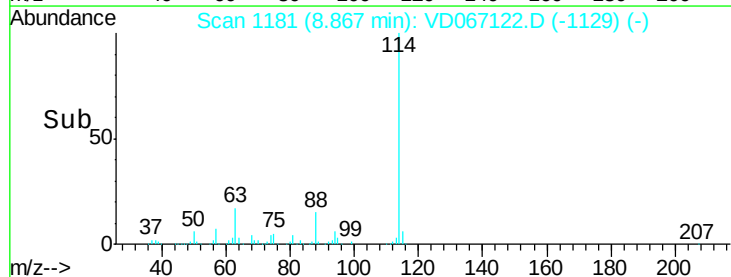
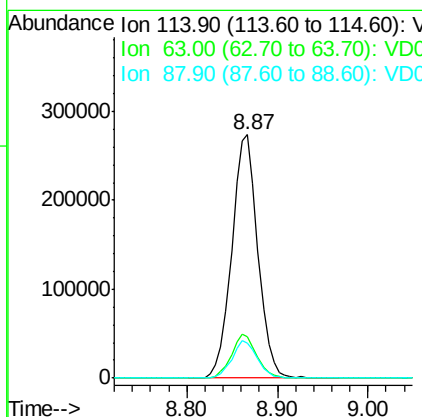
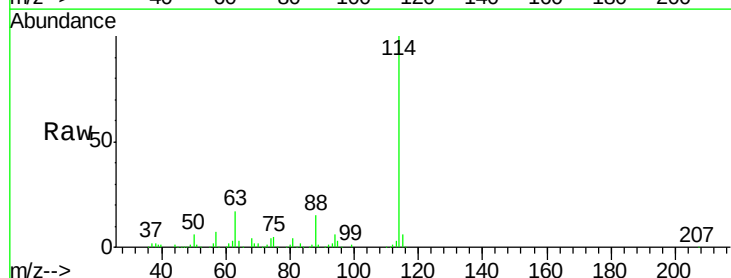
Manual Integrations
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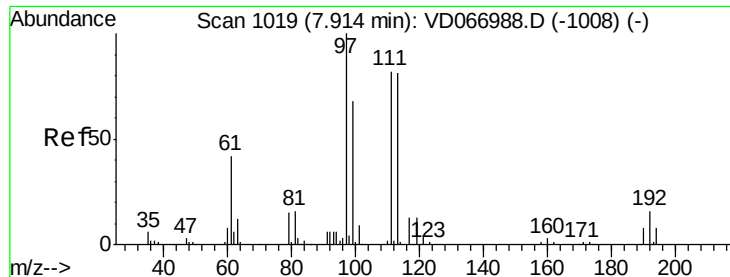
MMDadoda
 10/7/2020 12:10:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	546546		
63	17.2	0.0	38.4	
88	14.6	0.0	31.2	





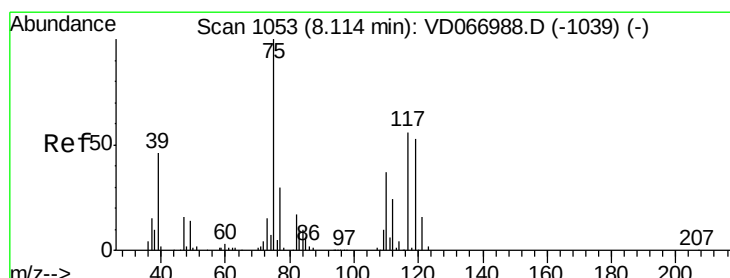
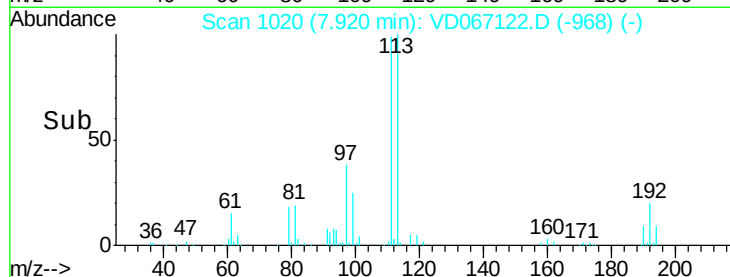
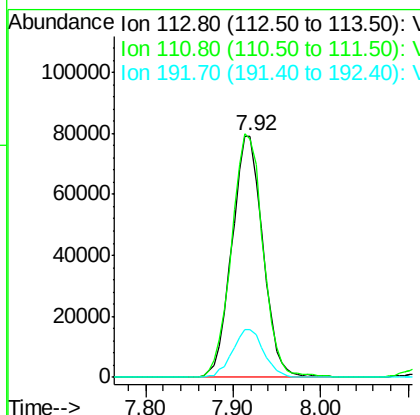
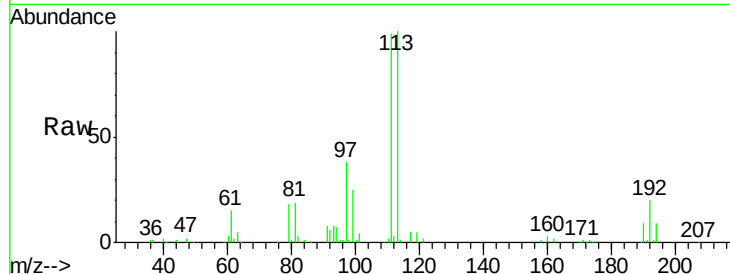
#35
 Dibromofluoromethane
 Concen: 53.122 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190076		
111	102.5		83.0	124.4
192	20.0		15.5	23.3

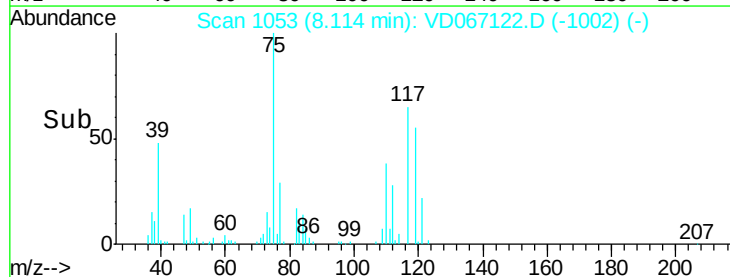
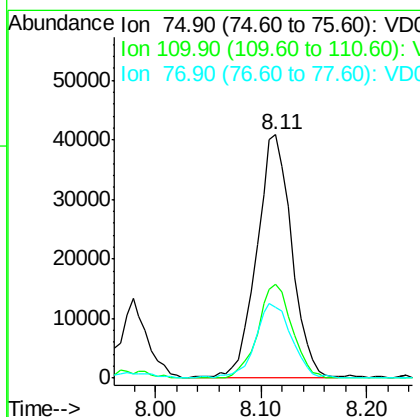
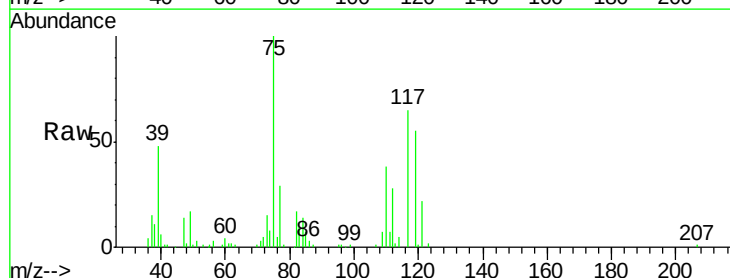
Manual Integrations
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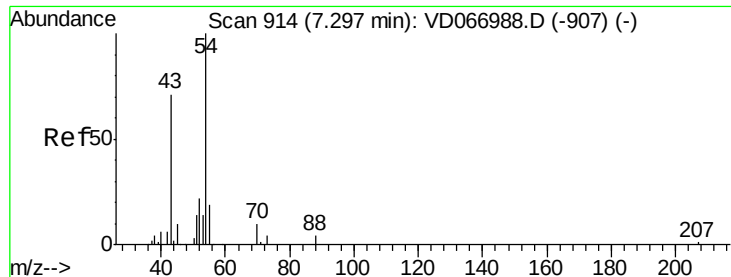
MMDadoda
 10/7/2020 12:10:11 PM



#36
 1,1-Dichloropropene
 Concen: 18.283 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93141		
110	38.2		18.4	55.0
77	32.0		24.8	37.2





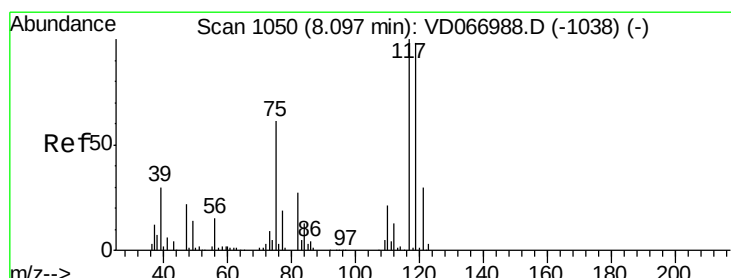
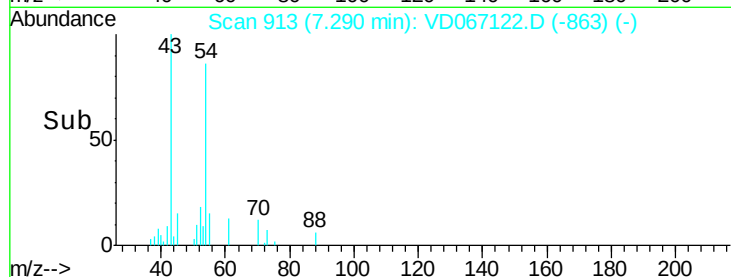
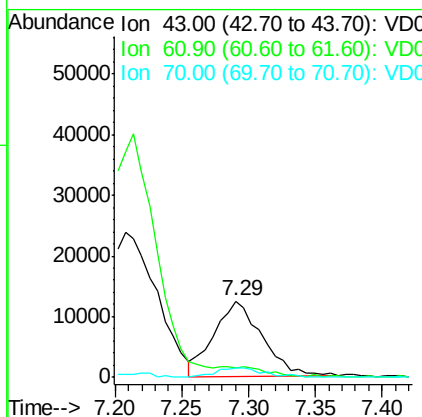
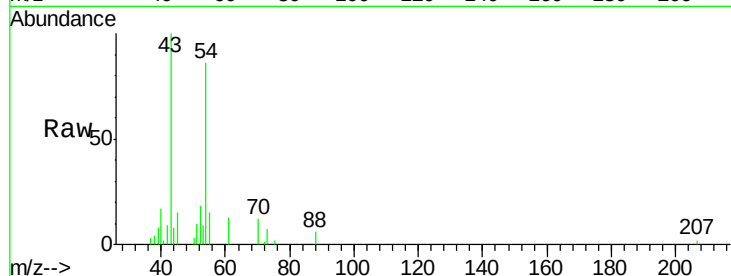
#37
Ethyl Acetate
Concen: 17.678 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	0.0	12.5	18.7	
70	12.9	9.4	14.0	

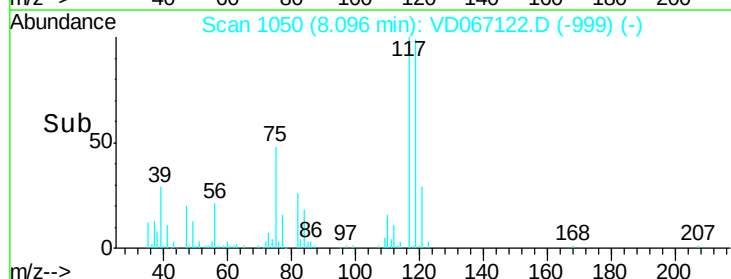
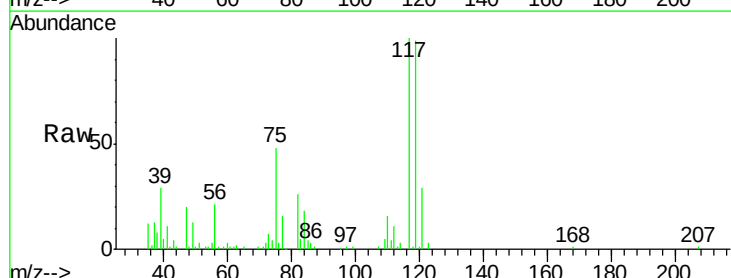
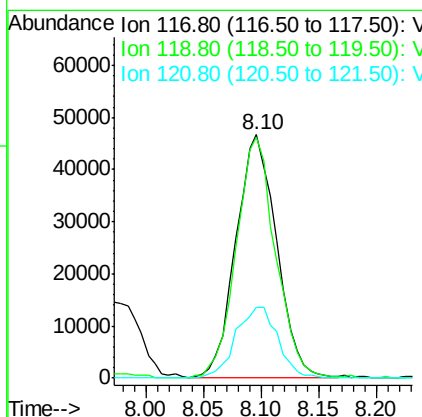
Manual Integrations
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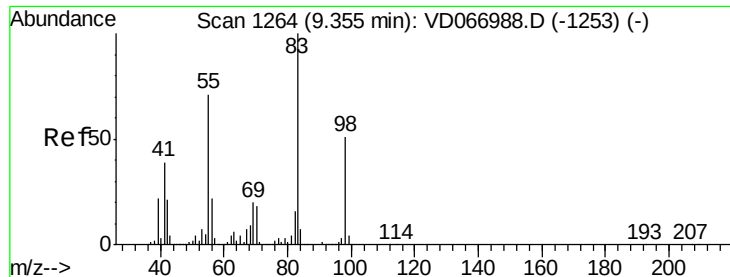
MMDadoda
10/7/2020 12:10:11 PM



#38
Carbon Tetrachloride
Concen: 20.818 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	99.1	78.7	118.1	
121	29.3	24.2	36.2	





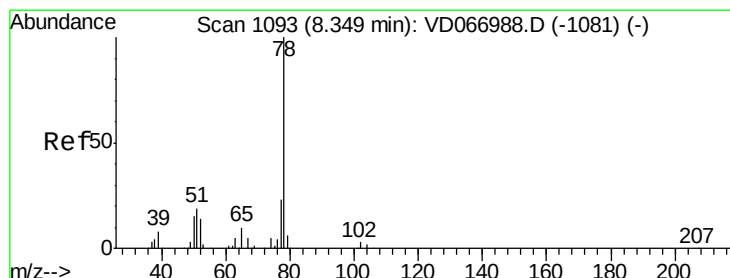
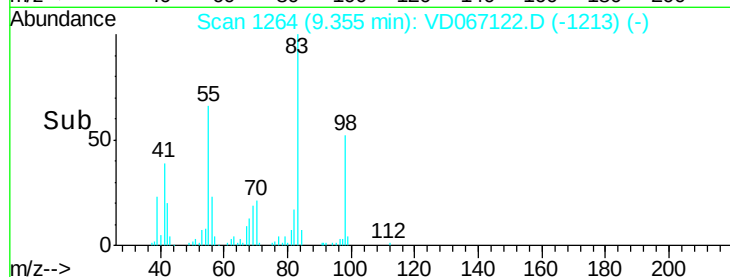
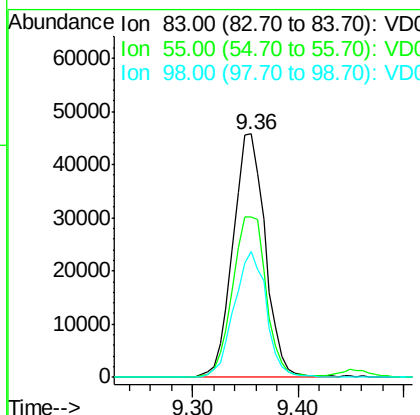
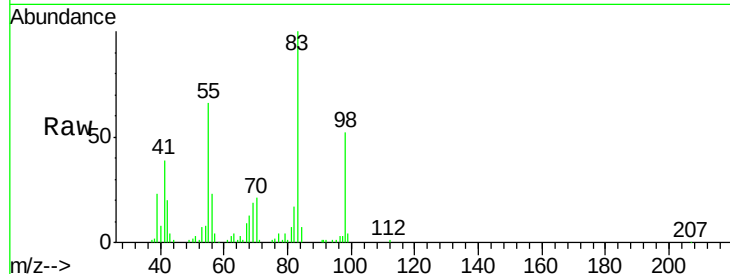
#39
Methylvlcyclohexane
Concen: 18.003 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.8	57.1	85.7
98	51.6	40.9	61.3

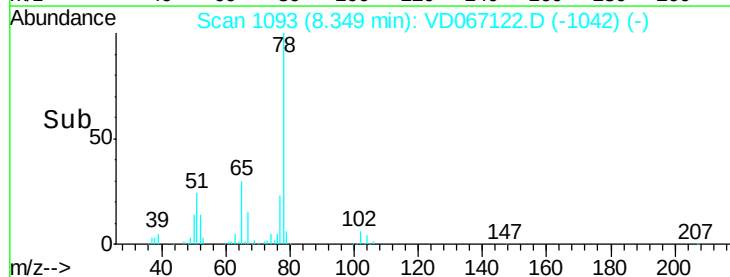
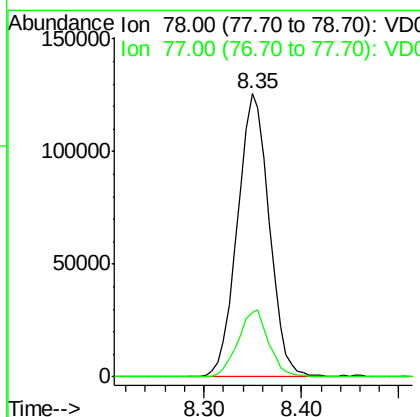
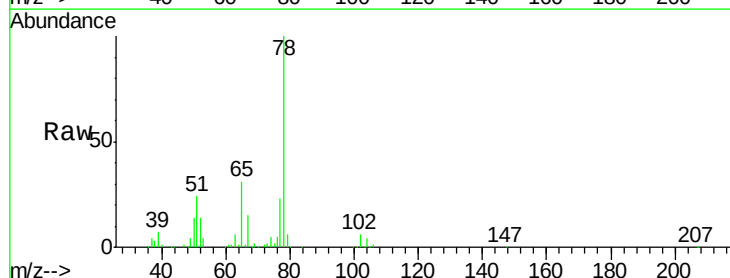
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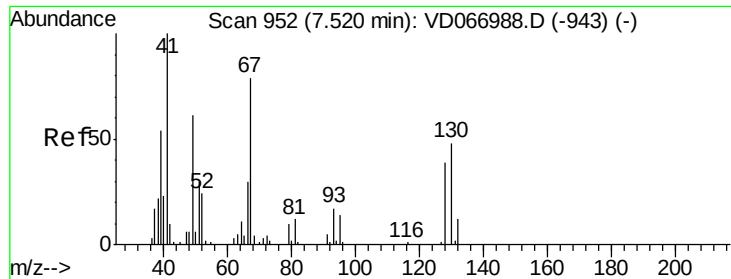
MMDadoda
10/7/2020 12:10:11 PM



#40
Benzene
Concen: 20.127 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.4	27.6





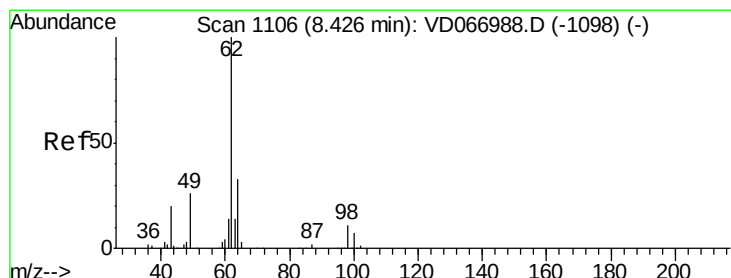
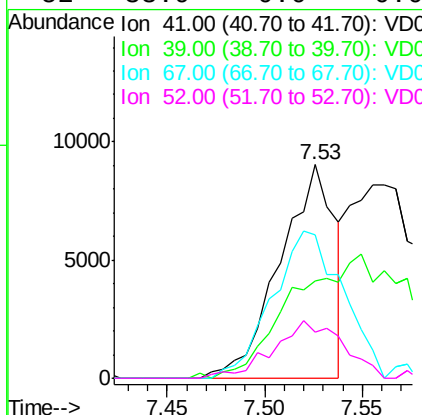
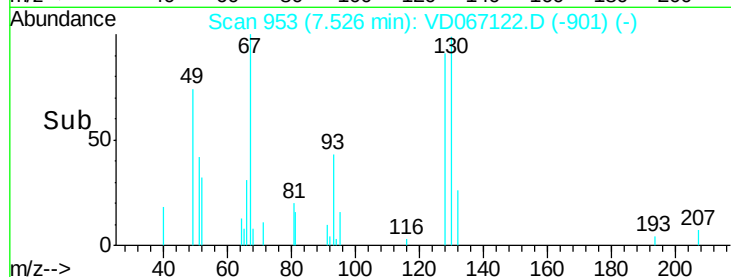
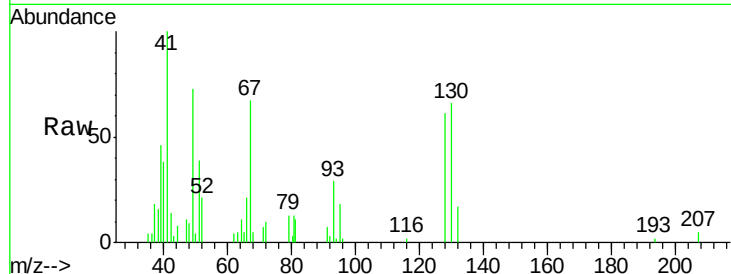
#41
Methacrylonitrile
Concen: 18.557 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	41	Resp	17693
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	90.7	0.0	0.0#
52	33.9	0.0	0.0#

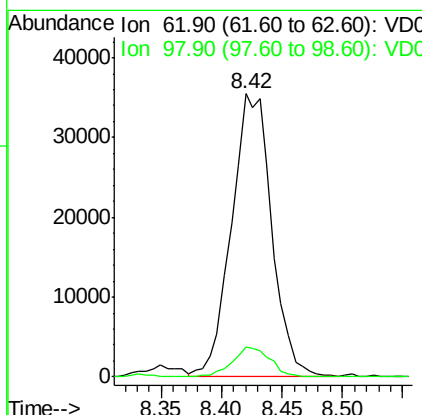
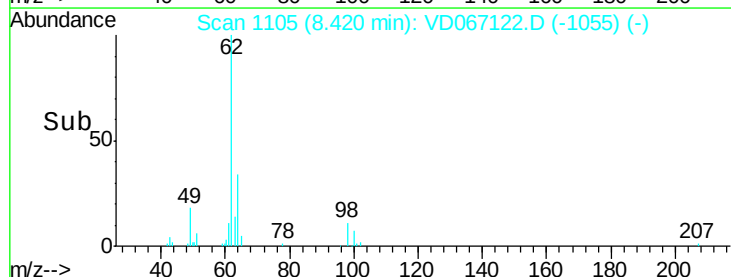
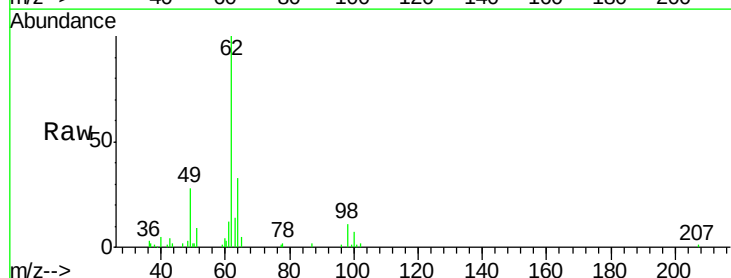
Manual Integrations
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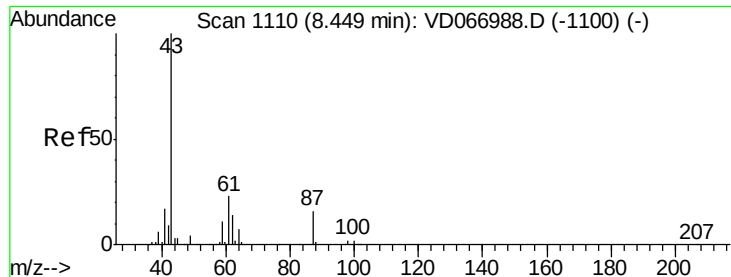
MMDadoda
10/7/2020 12:10:11 PM



#42
1,2-Dichloroethane
Concen: 20.814 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	62	Resp	82297
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	22.6





#43

Isopropyl Acetate

Concen: 18.175 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

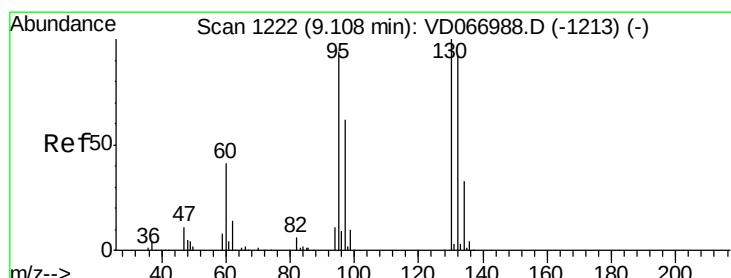
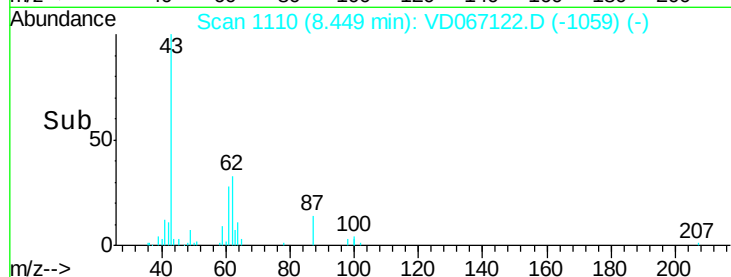
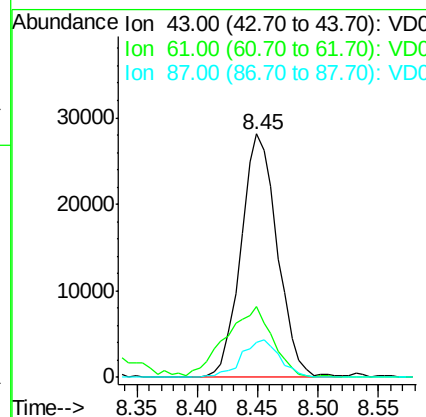
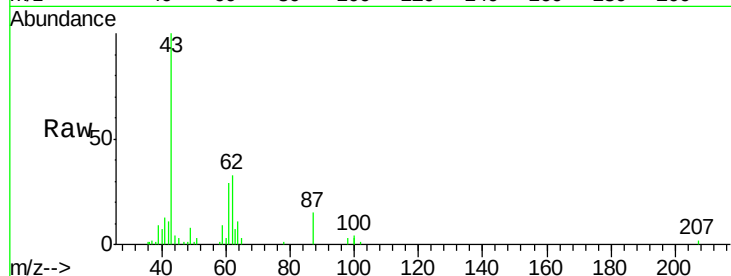
ClientSampleId :

VD1006SBS02

Tot Ion:	43	Resp:	59092
Ion Ratio	Lower	Upper	
43	100		
61	37.3	27.1	40.7
87	16.1	12.3	18.5

Manual Integrations
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10/7/2020 12:10:11 PM



#44

Trichloroethene

Concen: 20.361 ug/l

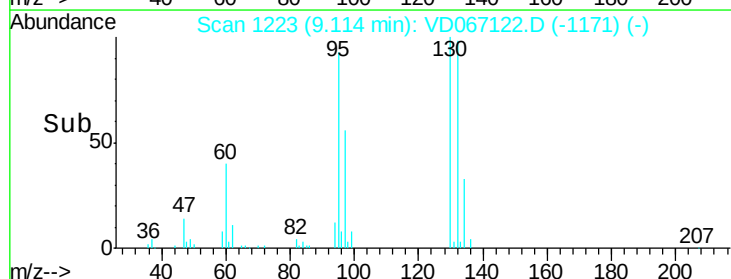
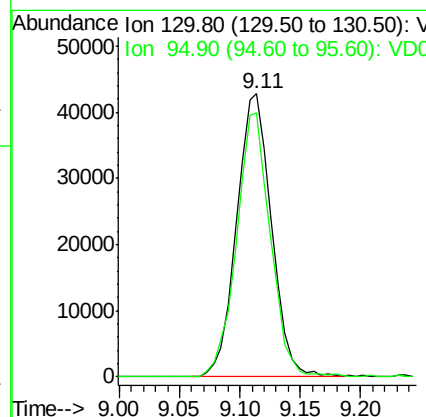
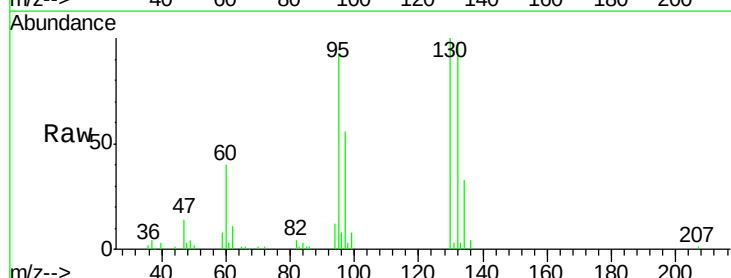
RT: 9.11 min Scan# 1223

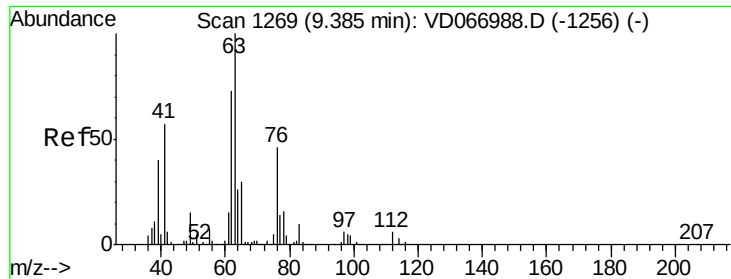
Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Tgt Ion:	130	Resp:	86030
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	187.8





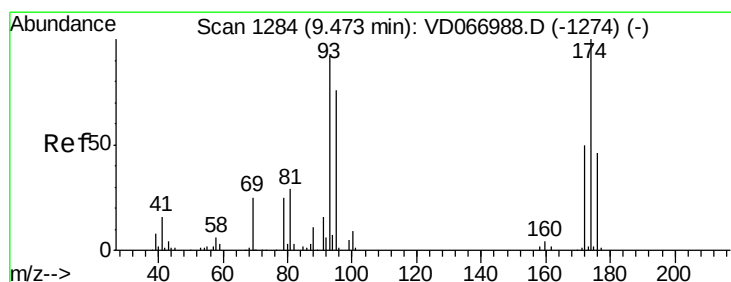
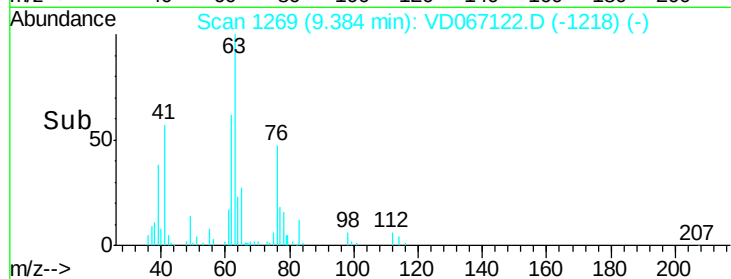
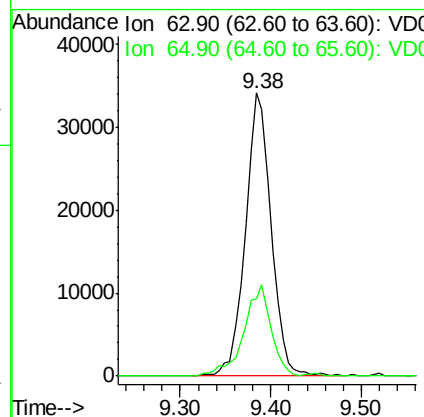
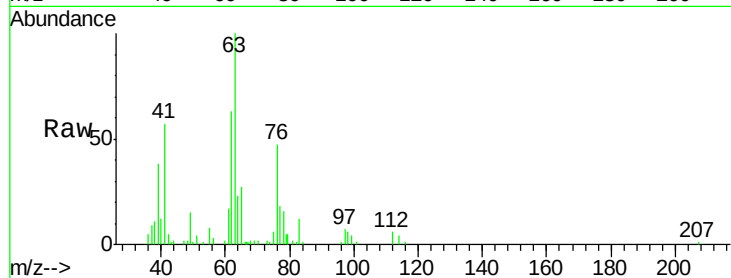
#45
 1,2-Dichloropropane
 Concen: 20.167 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 63 Resp: 67051
 Ion Ratio Lower Upper
 63 100
 65 27.4 23.7 35.5

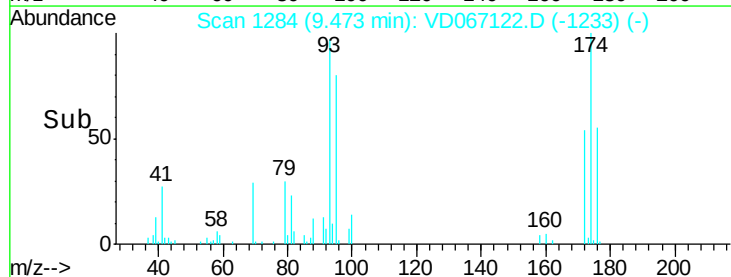
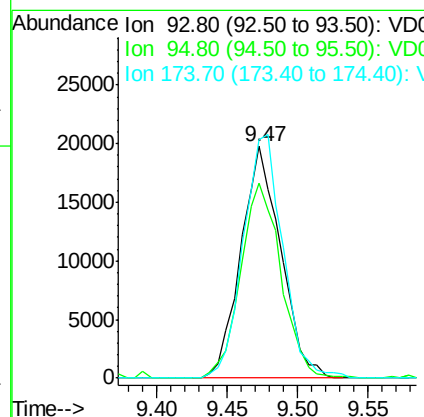
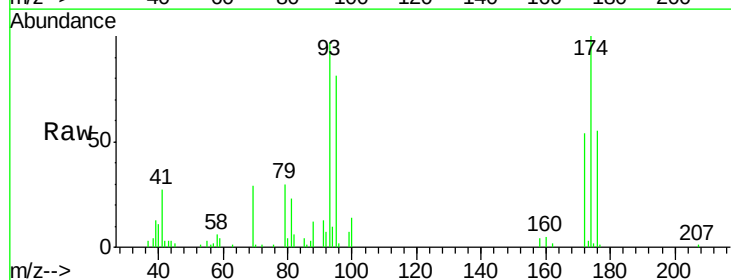
Manual Integrations
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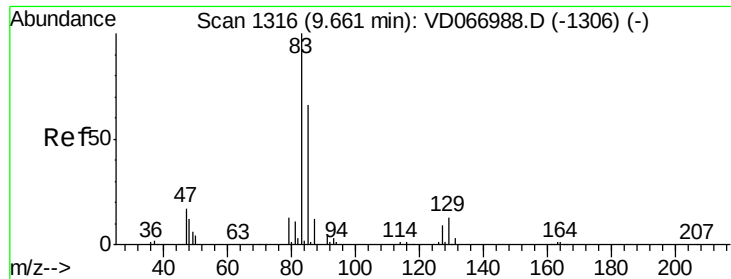
MMDadoda
 10/7/2020 12:10:11 PM



#46
 Dibromomethane
 Concen: 20.463 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 93 Resp: 39102
 Ion Ratio Lower Upper
 93 100
 95 85.2 64.7 97.1
 174 104.4 81.4 122.2





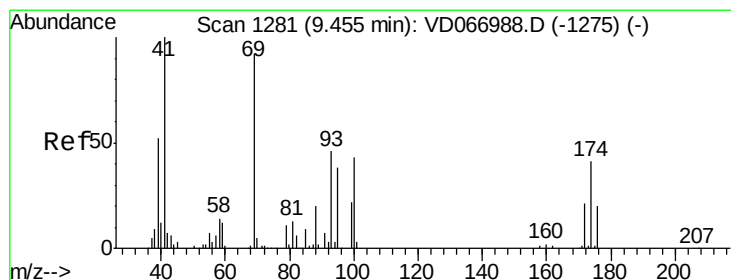
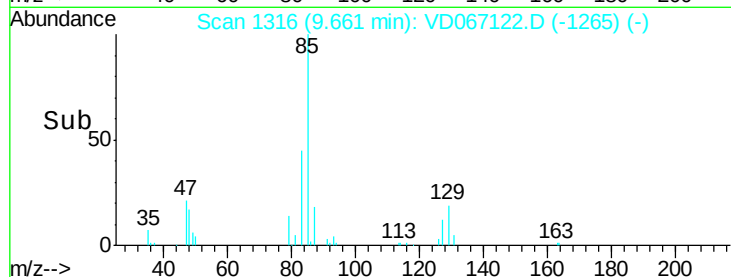
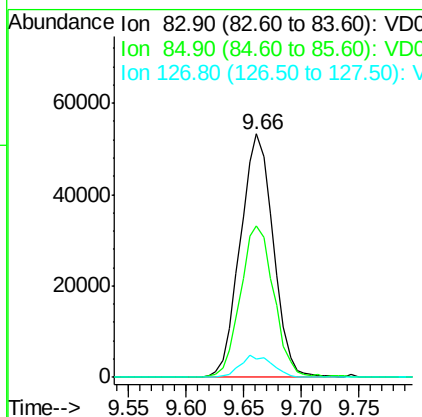
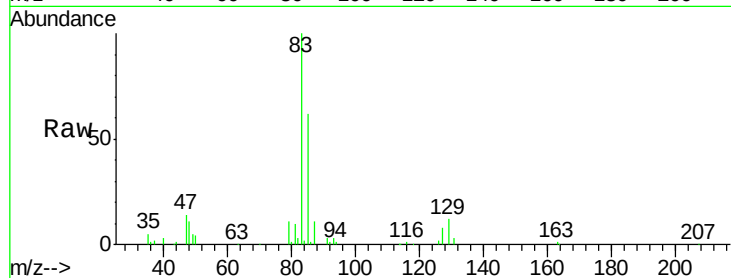
#47
Bromodichloromethane
Concen: 21.315 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.0	52.9	79.3	
127	7.7	7.3	10.9	

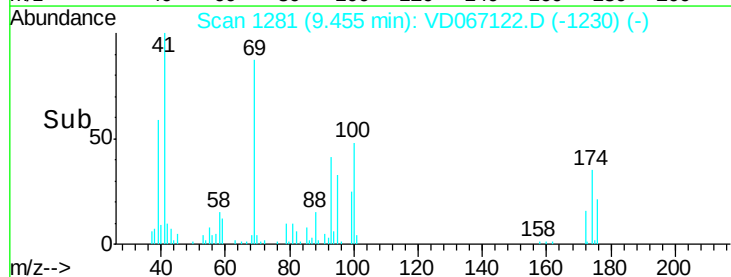
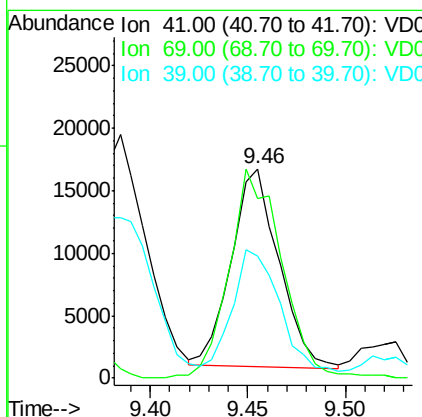
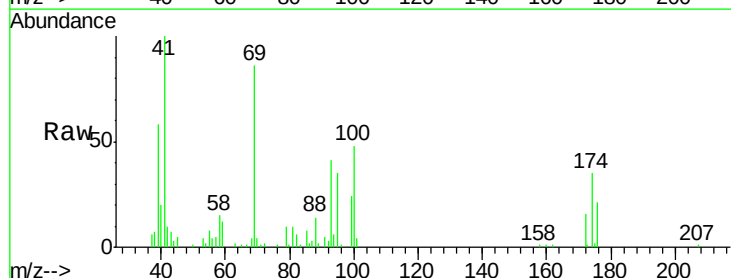
Manual Integrations
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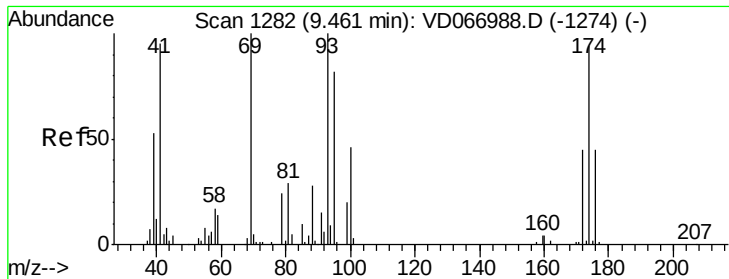
MMDadoda
10/7/2020 12:10:11 PM



#48
Methyl methacrylate
Concen: 16.116 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	116.6	68.5	102.7#	
39	68.1	40.2	60.2#	





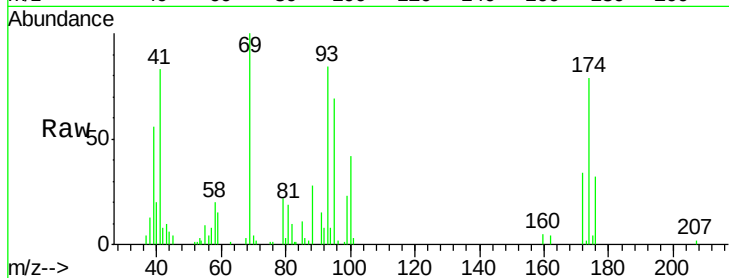
#49
1,4-Dioxane
Concen: 355.354 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

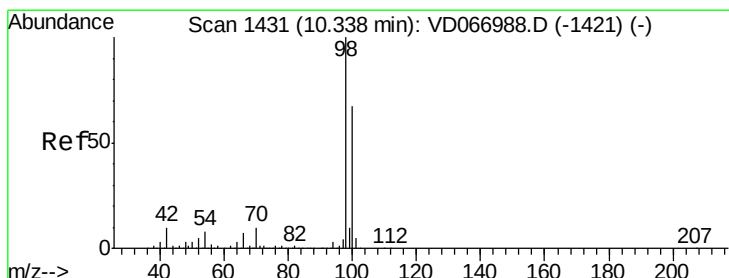
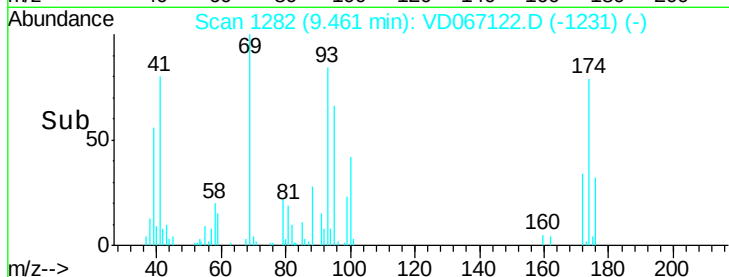
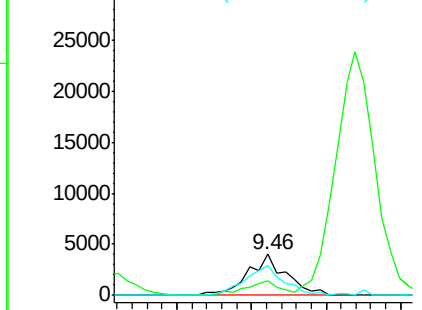
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.6	38.4
58	74.5	53.5	80.3

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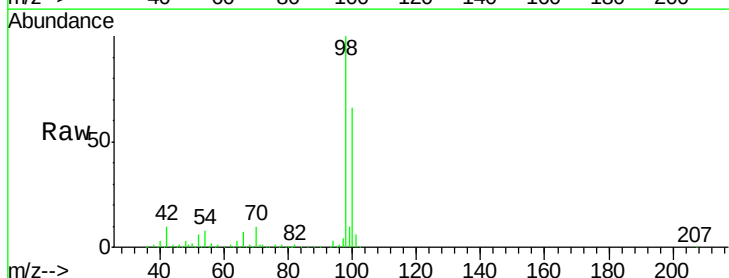


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

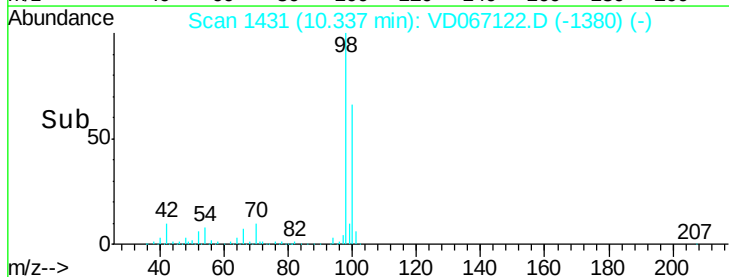
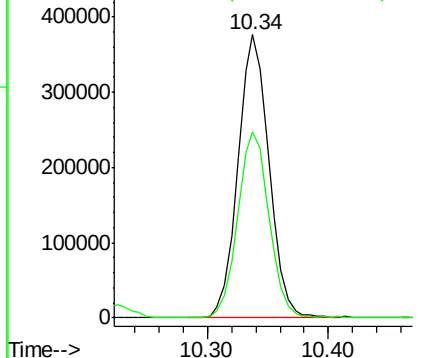


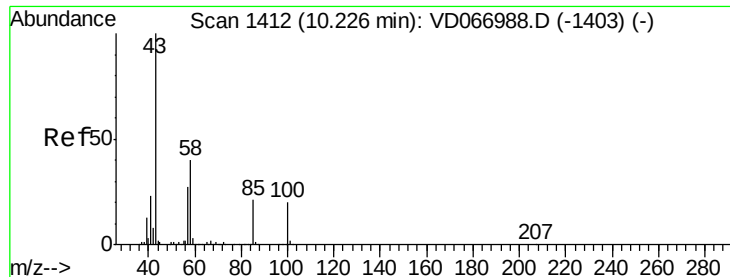
#50
Toluene-d8
Concen: 51.744 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.8	79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 90.855 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 43 Resp: 147133

Ion Ratio Lower Upper

43 100

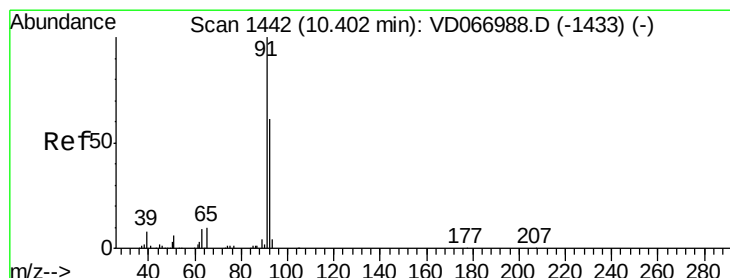
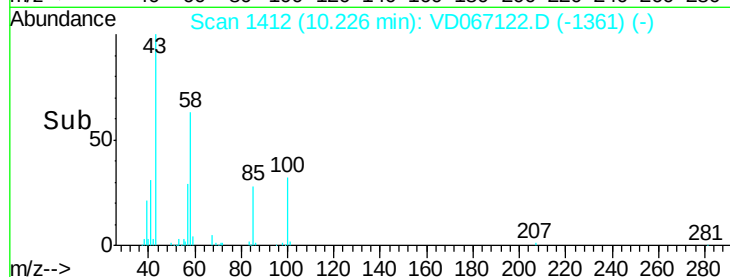
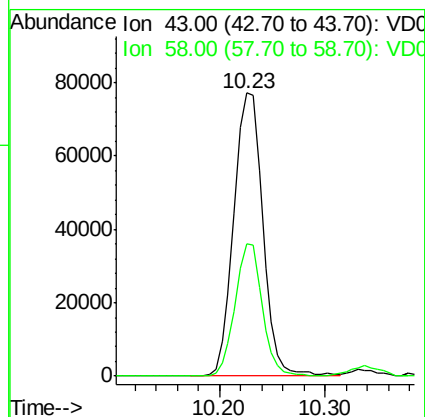
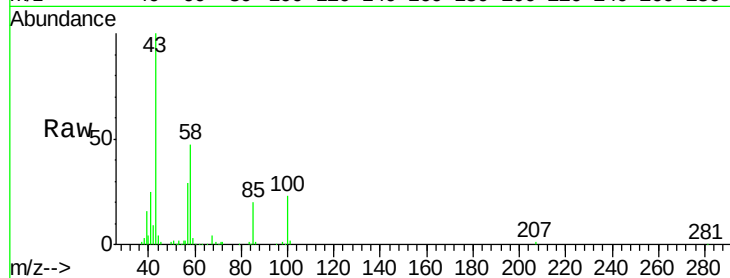
58 43.4 33.8 50.8

Manual Integrations

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#52

Toluene

Concen: 20.520 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067122.D

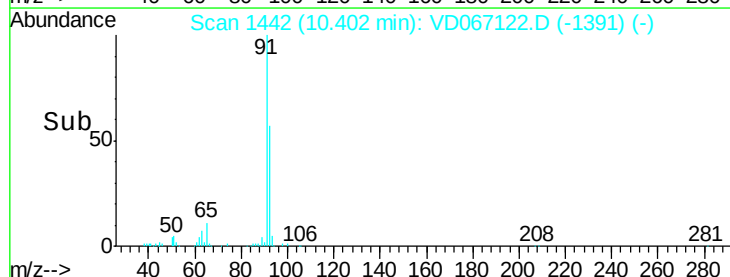
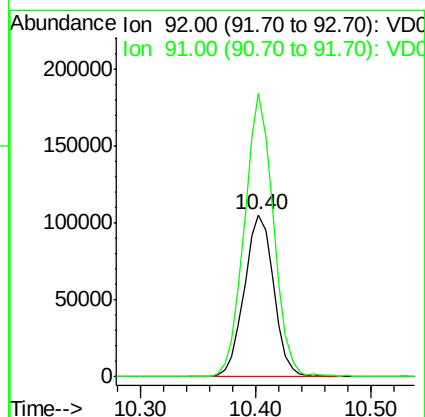
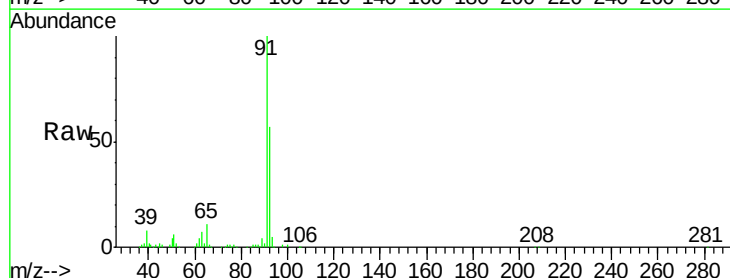
Acq: 06 Oct 2020 23:06

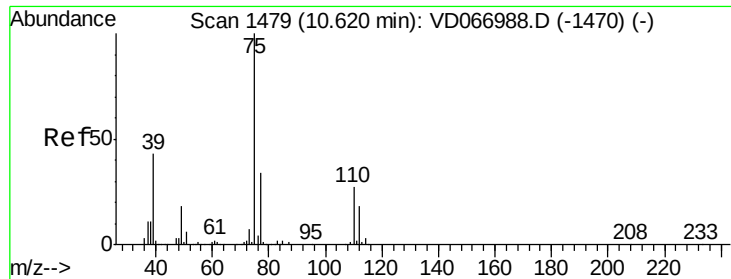
Tgt Ion: 92 Resp: 187043

Ion Ratio Lower Upper

92 100

91 172.1 135.1 202.7





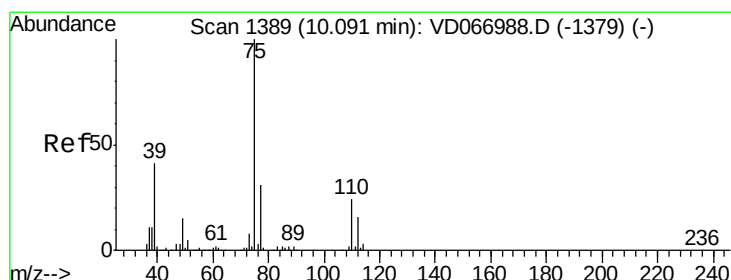
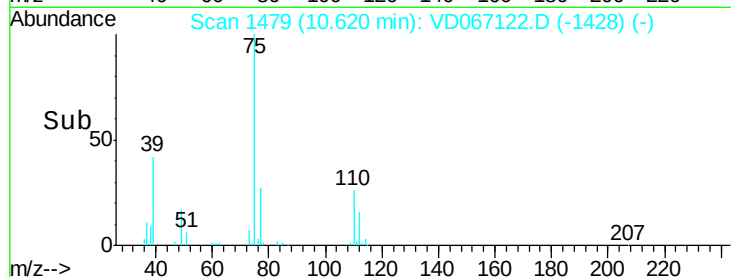
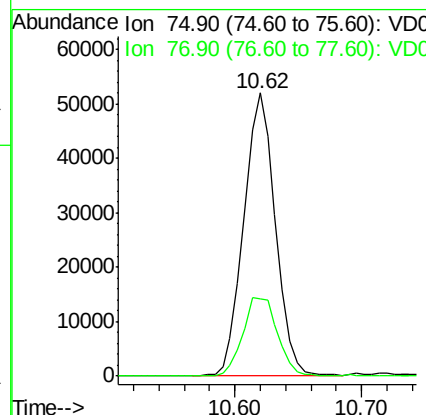
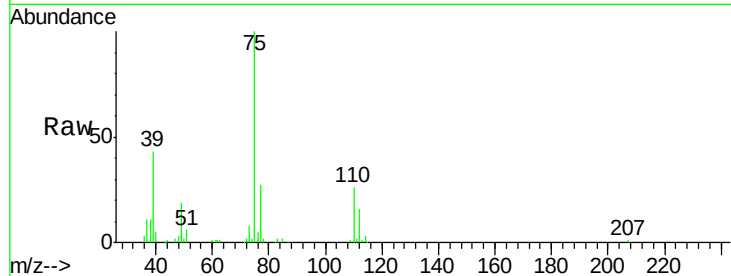
#53
 t-1,3-Dichloropropene
 Concen: 20.245 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 75 Resp: 89876
 Ion Ratio Lower Upper
 75 100
 77 27.3 27.1 40.7

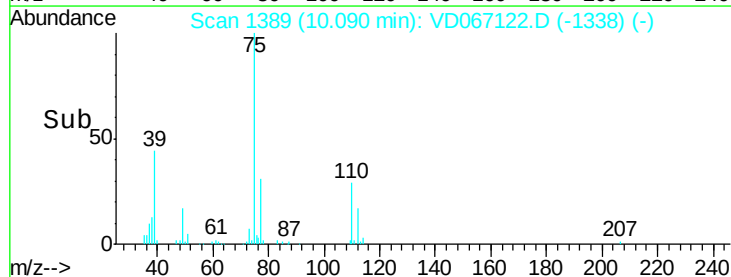
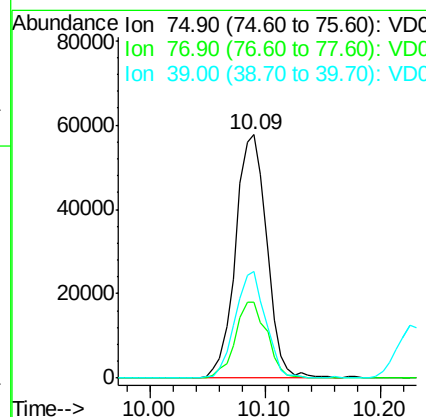
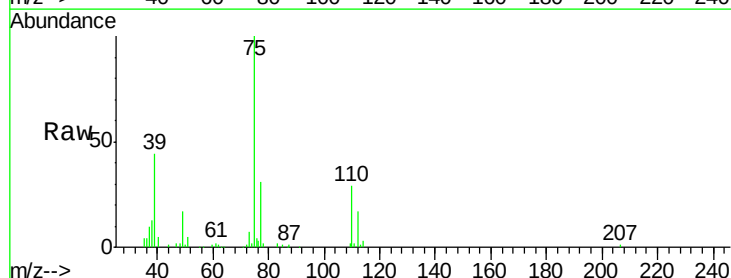
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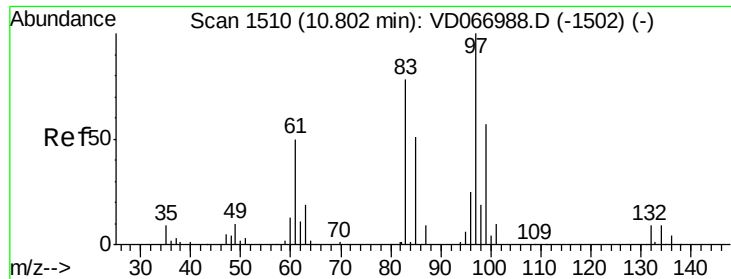
MMDadoda
 10/7/2020 12:10:11 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.017 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 75 Resp: 108510
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0
 39 43.5 33.0 49.4





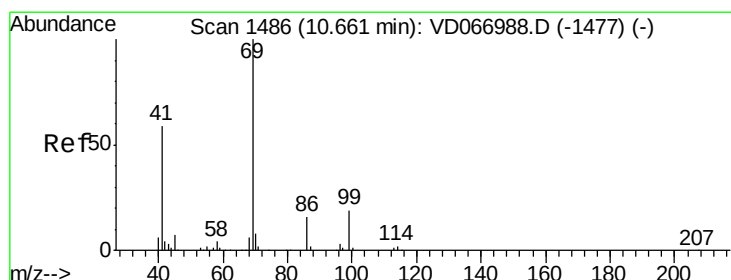
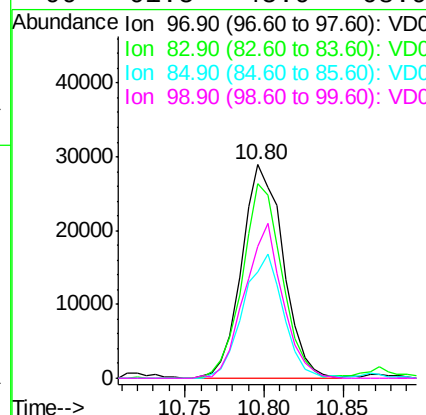
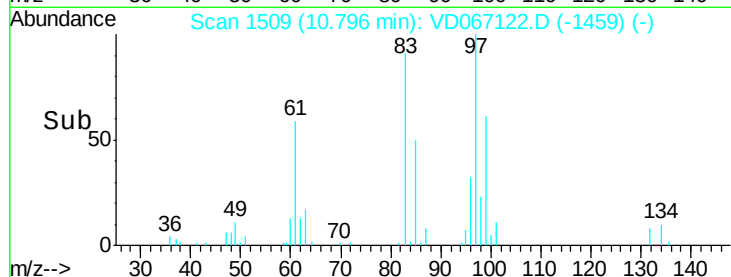
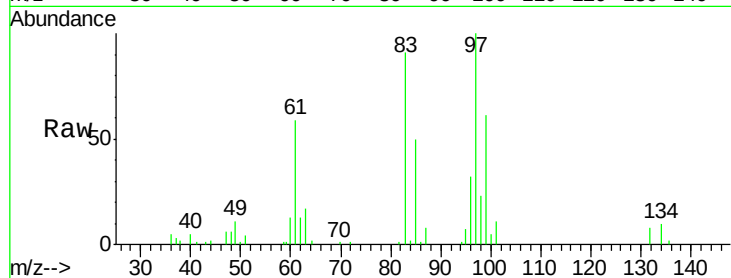
#55
 1,1,2-Trichloroethane
 Concen: 19.883 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.0	62.4	93.6
85	49.8	41.0	61.4
99	61.5	45.9	68.9

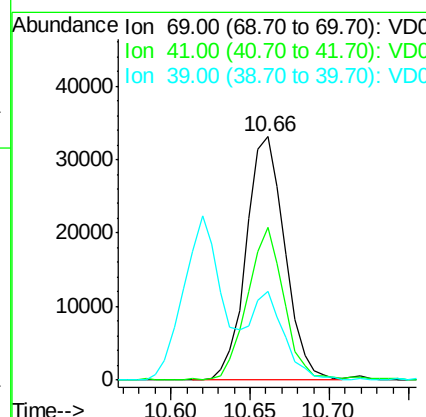
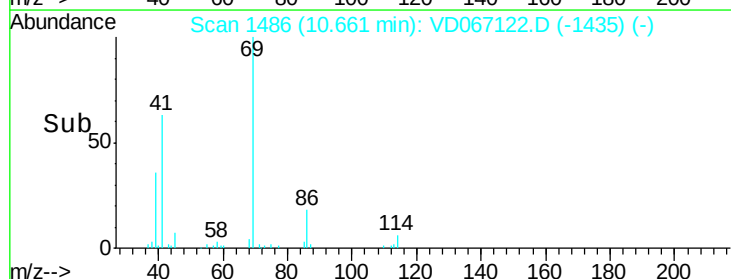
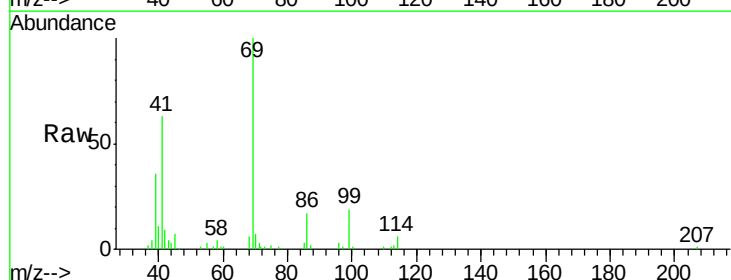
Manual Integrations
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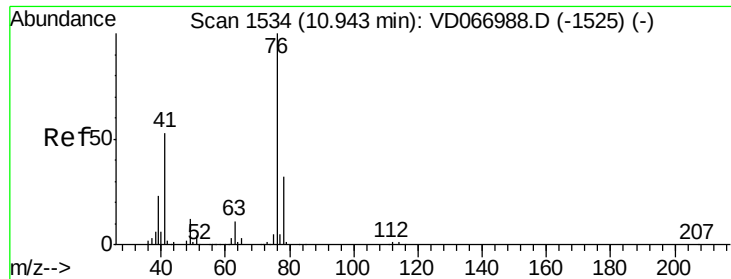
MMDadoda
 10/7/2020 12:10:11 PM



#56
 Ethyl methacrylate
 Concen: 20.508 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.4	69.6
39	31.3	23.8	35.6





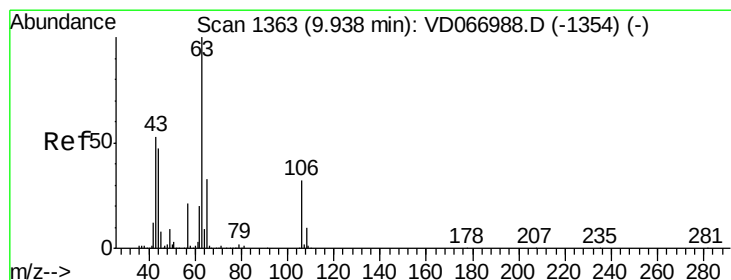
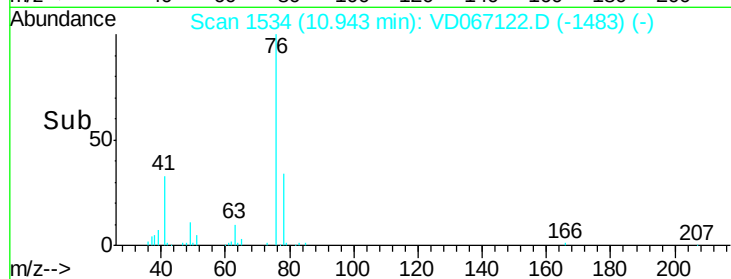
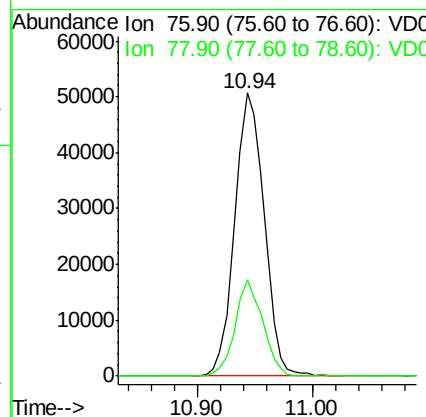
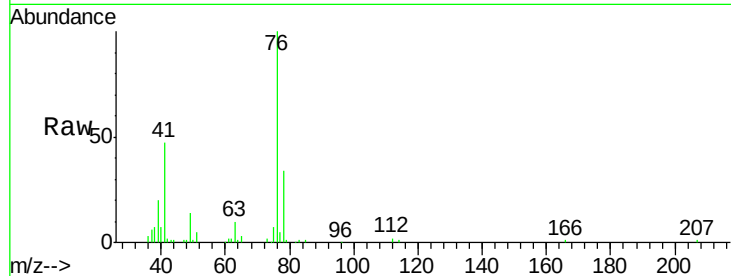
#57
 1,3-Dichloropropane
 Concen: 20.836 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 76 Resp: 89763
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

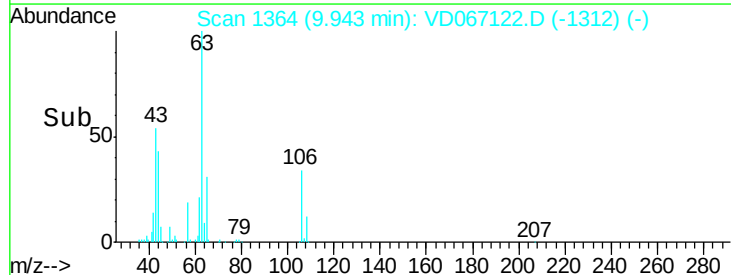
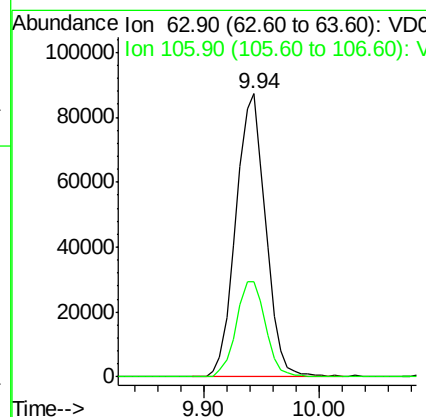
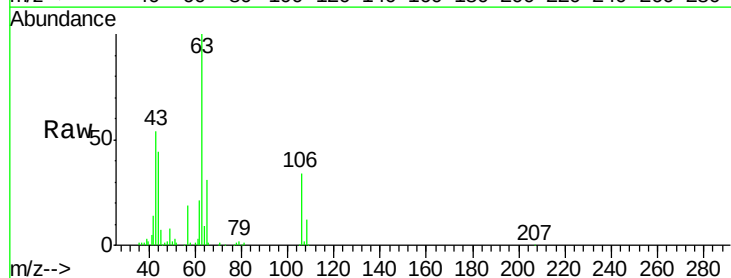
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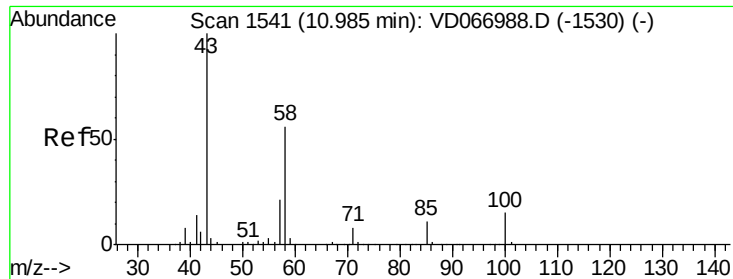
MMDadoda
 10/7/2020 12:10:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.239 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 63 Resp: 156082
 Ion Ratio Lower Upper
 63 100
 106 33.2 25.3 37.9





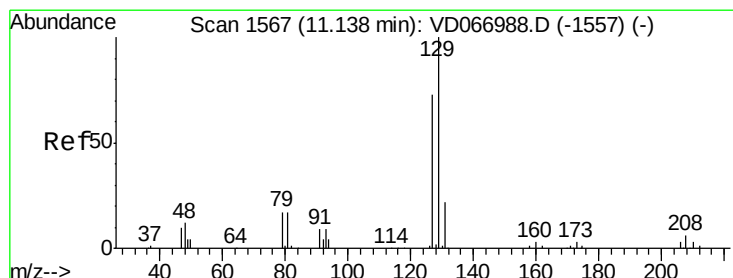
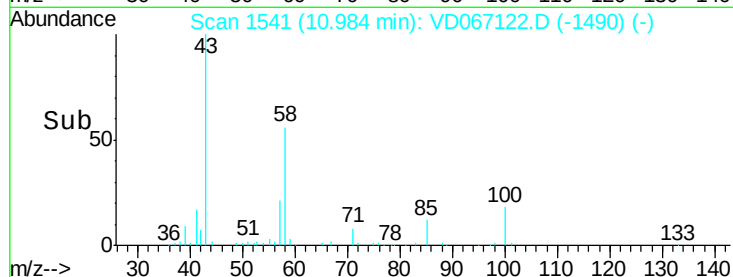
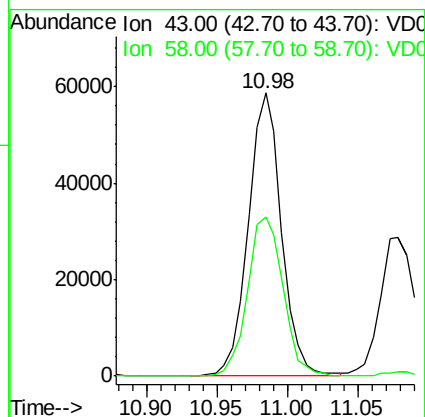
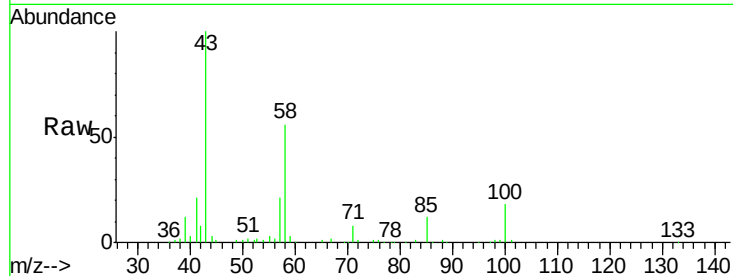
#59
2-Hexanone
Concen: 89.441 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 43 Resp: 96674
Ion Ratio Lower Upper
43 100
58 60.4 28.3 84.9

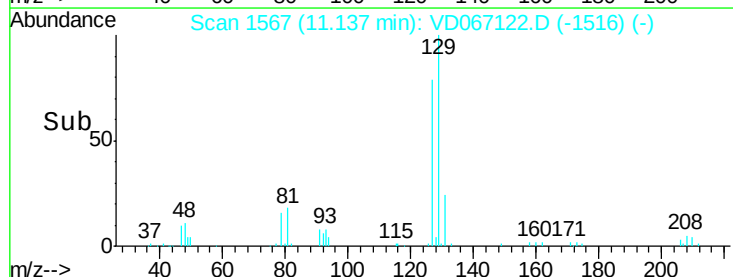
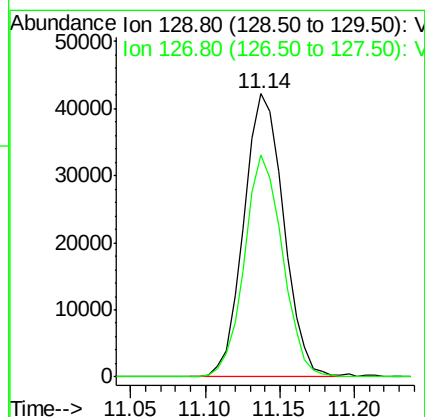
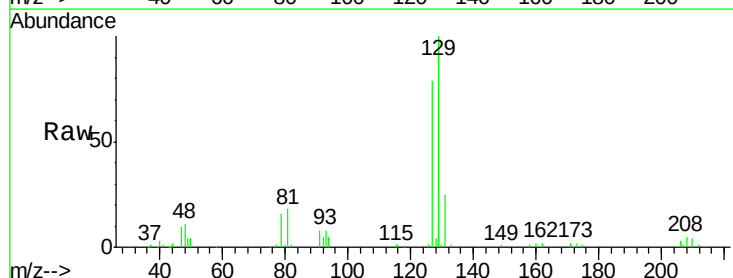
Manual Integrations
APPROVED

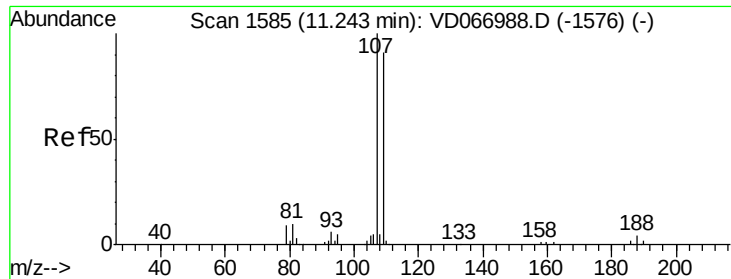
MMDadoda
10/7/2020 12:10:11 PM



#60
Dibromochloromethane
Concen: 22.070 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 129 Resp: 78147
Ion Ratio Lower Upper
129 100
127 74.7 37.4 112.1





#61

1,2-Dibromoethane

Concen: 22.049 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 107 Resp: 56278

Ion Ratio Lower Upper

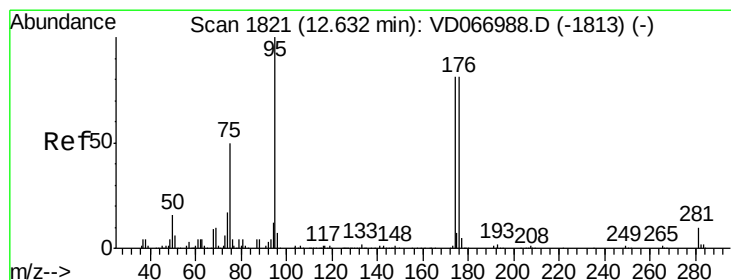
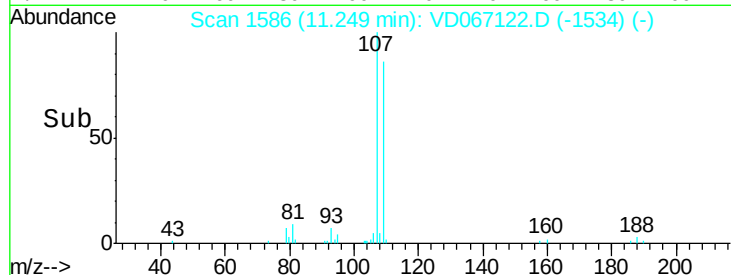
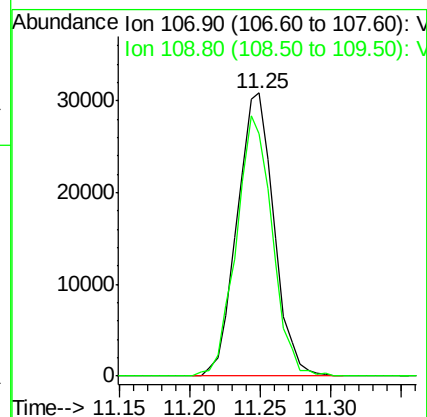
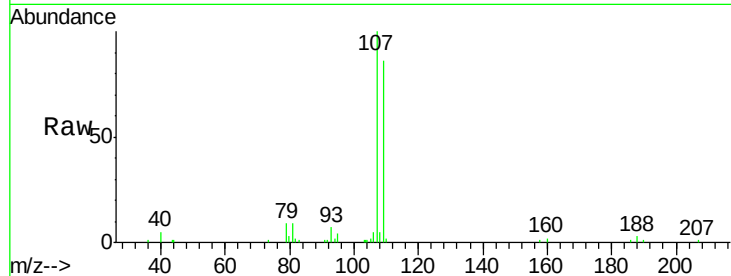
107 100

109 89.6 74.0 111.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 53.918 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

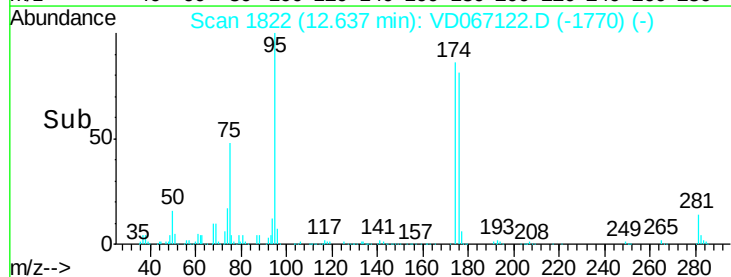
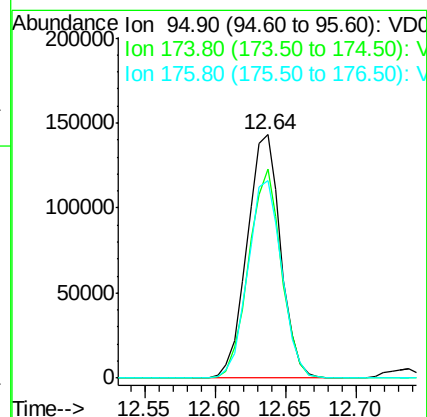
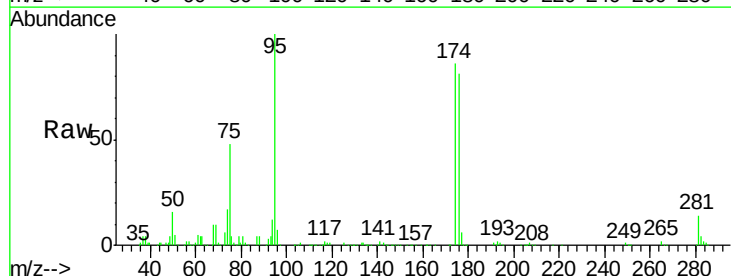
Tgt Ion: 95 Resp: 238650

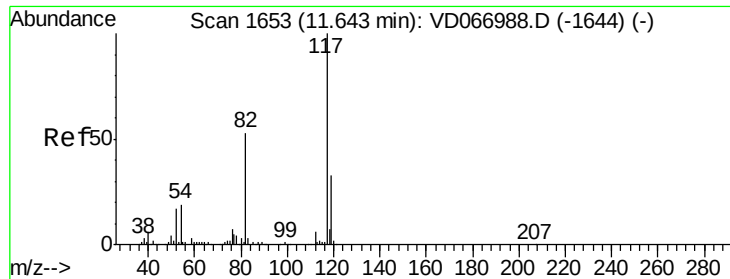
Ion Ratio Lower Upper

95 100

174 83.3 0.0 167.6

176 82.0 0.0 162.4





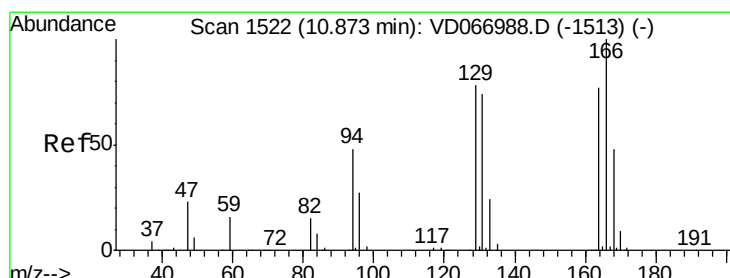
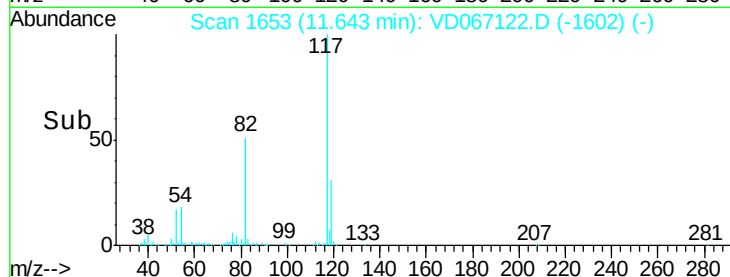
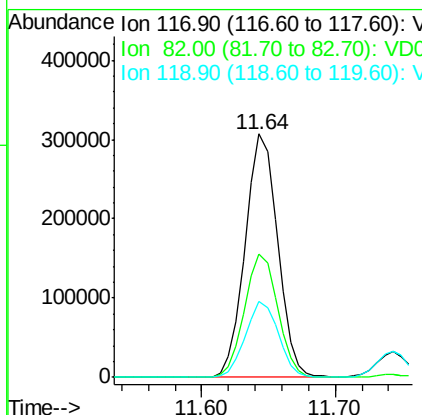
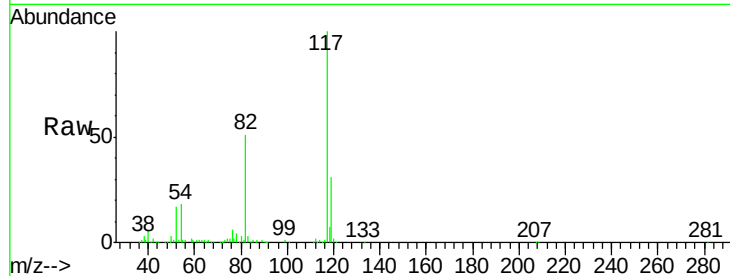
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.6	63.8
119	31.2	26.3	39.5

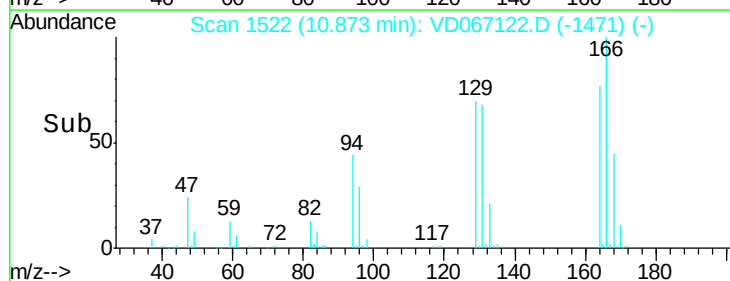
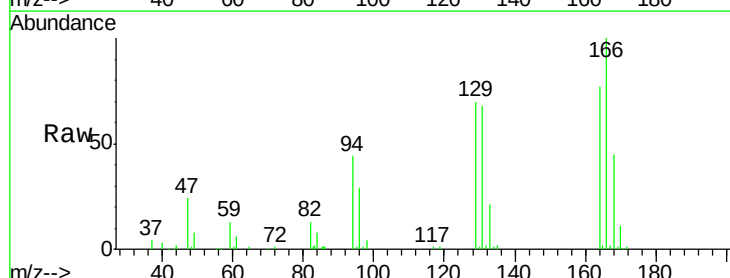
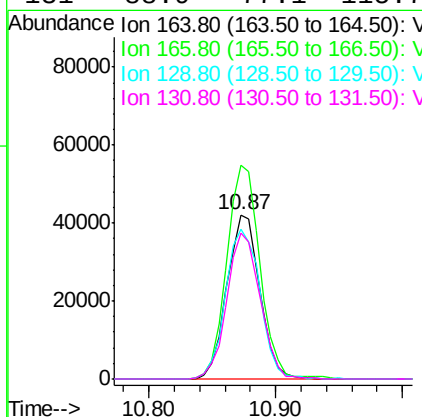
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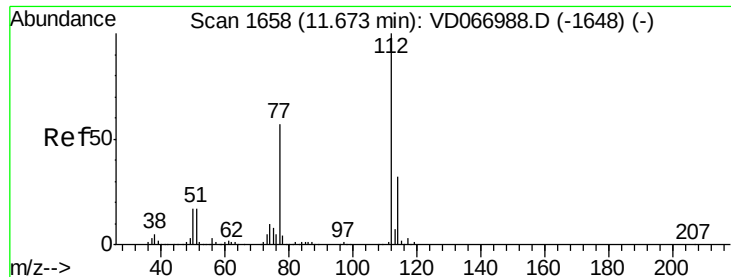
MMDadoda
10/7/2020 12:10:11 PM



#64
Tetrachloroethene
Concen: 20.055 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	104.4	156.6
129	91.2	81.3	121.9
131	88.9	77.1	115.7





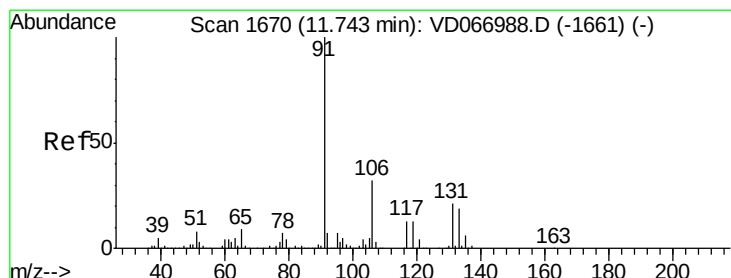
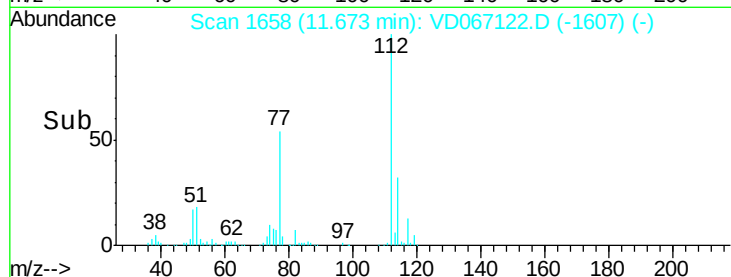
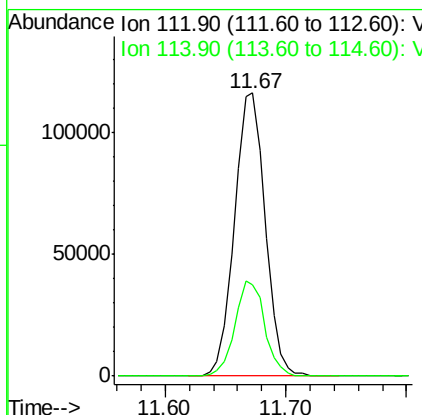
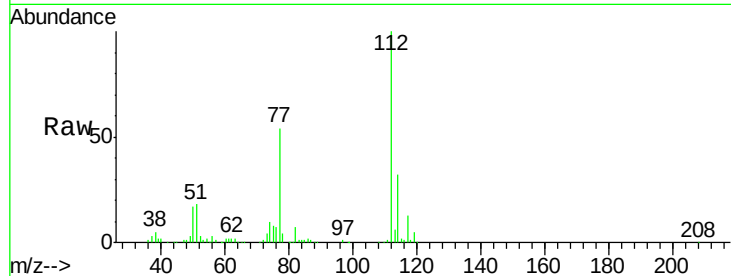
#65
Chlorobenzene
Concen: 20.133 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	206827		
114	32.2	25.4	38.0	

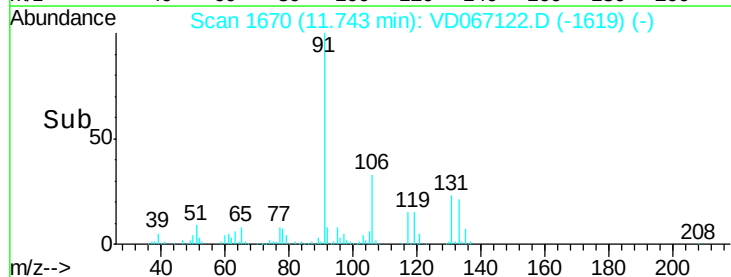
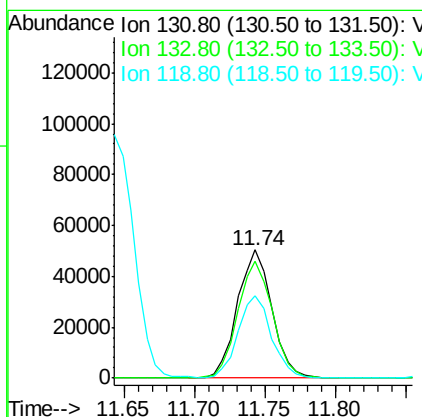
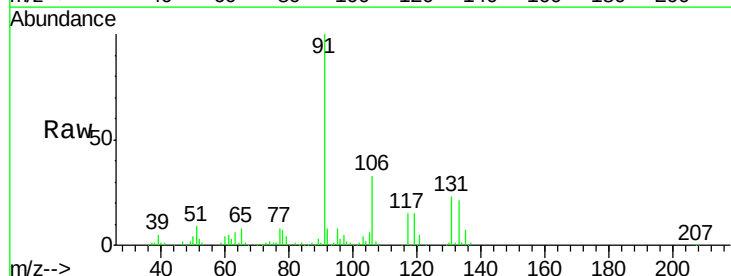
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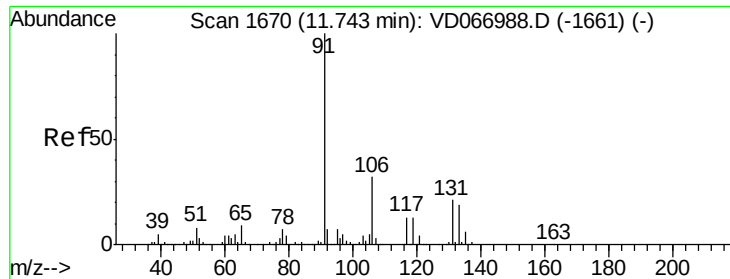
MMDadoda
10/7/2020 12:10:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.979 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	85888		
133	92.2	47.8	143.3	
119	62.6	32.3	96.8	





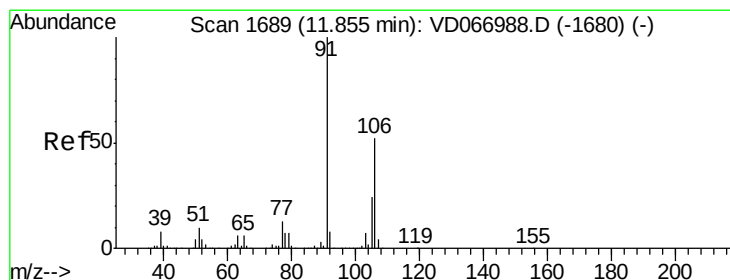
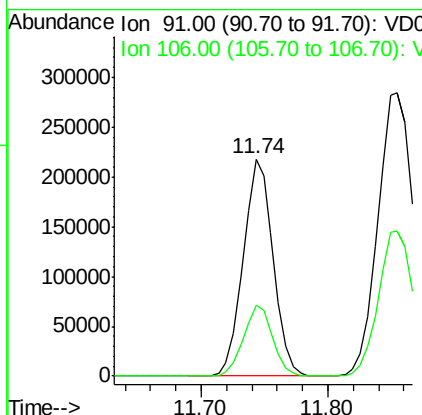
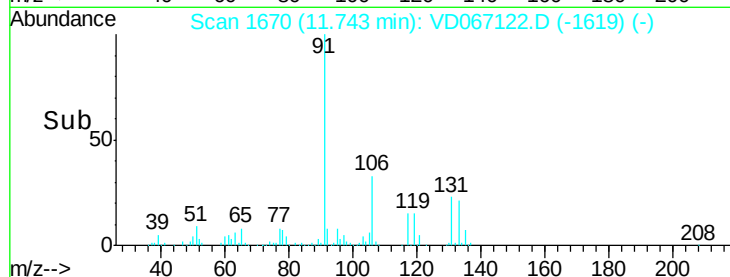
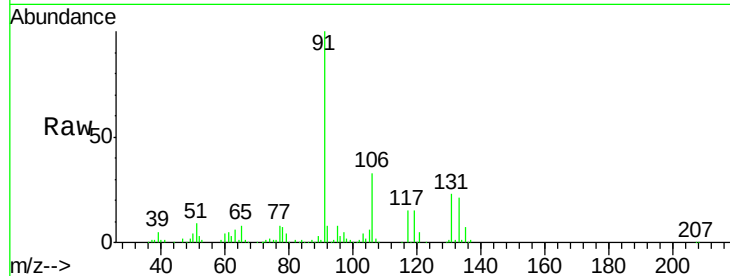
#67
Ethyl Benzene
Concen: 20.244 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 91 Resp: 356329
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.2

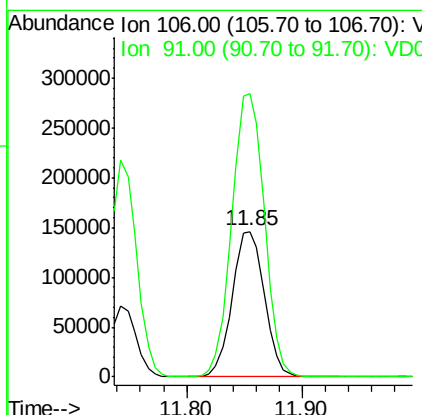
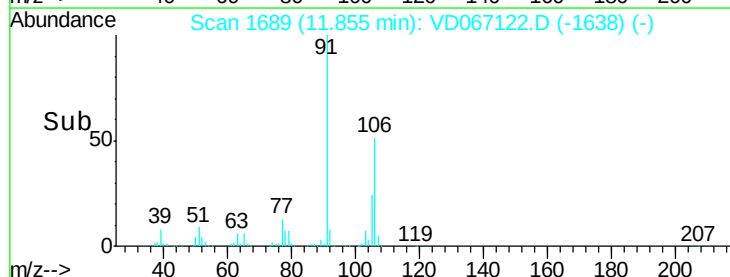
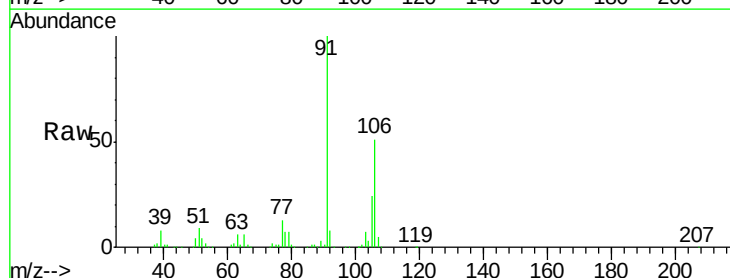
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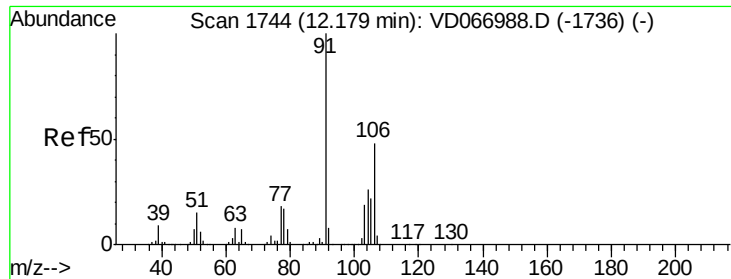
MMDadoda
10/7/2020 12:10:11 PM



#68
m/p-Xylenes
Concen: 40.960 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 106 Resp: 280974
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6





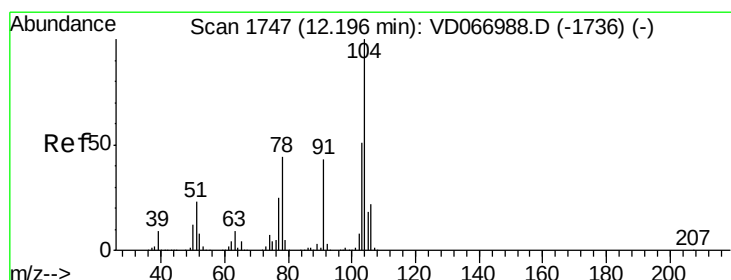
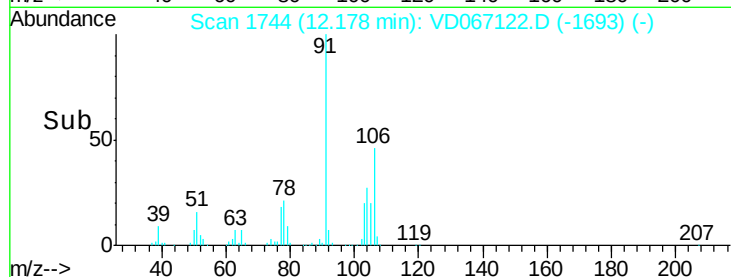
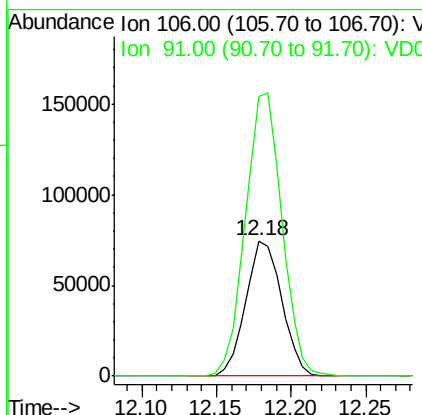
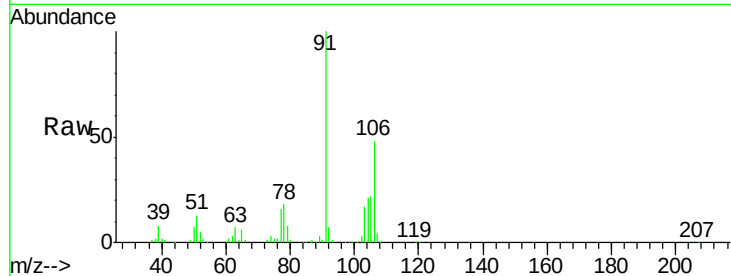
#69
o-Xylene
Concen: 20.367 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion:106 Resp: 124938
Ion Ratio Lower Upper
106 100
91 211.5 102.4 307.2

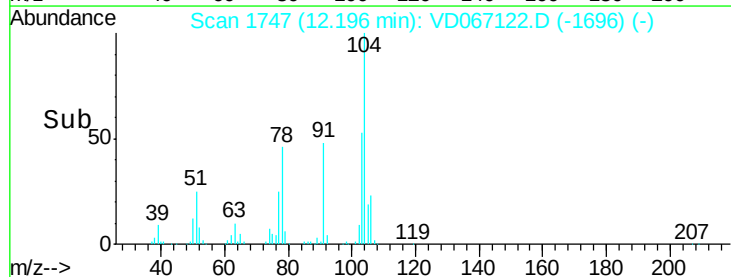
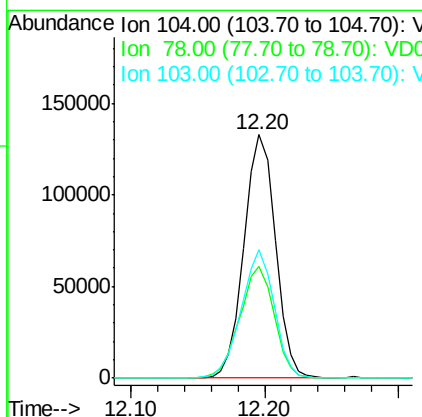
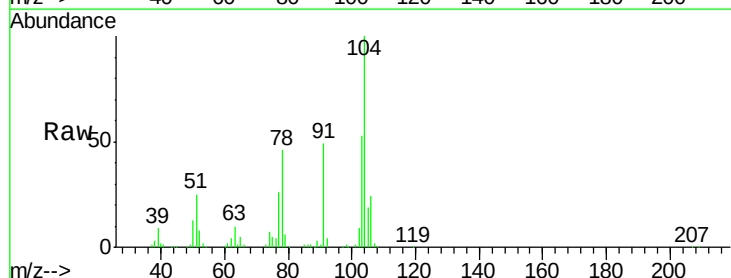
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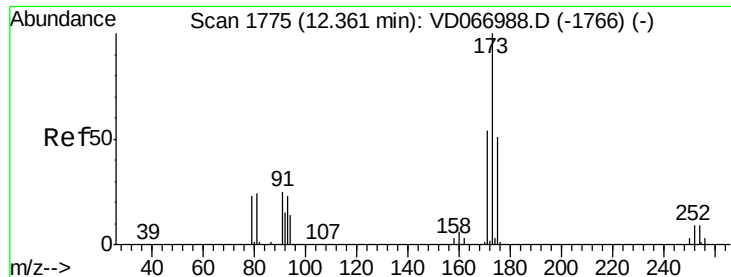
MMDadoda
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#70
Styrene
Concen: 20.642 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion:104 Resp: 217439
Ion Ratio Lower Upper
104 100
78 50.2 38.6 58.0
103 54.9 43.4 65.0





#71

Bromoform

Concen: 21.964 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

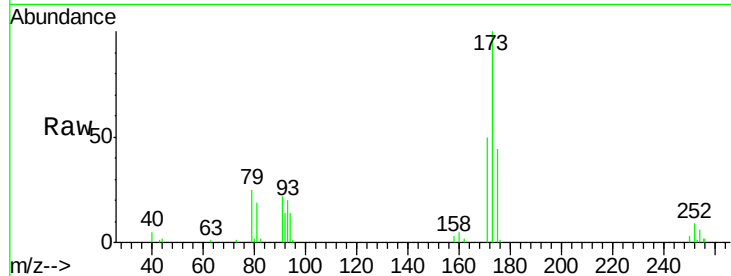
ClientSampleId :

VD1006SBS02

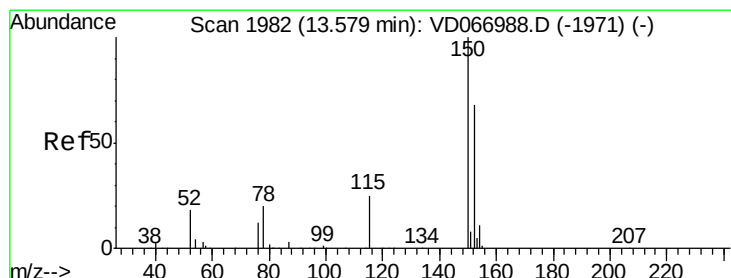
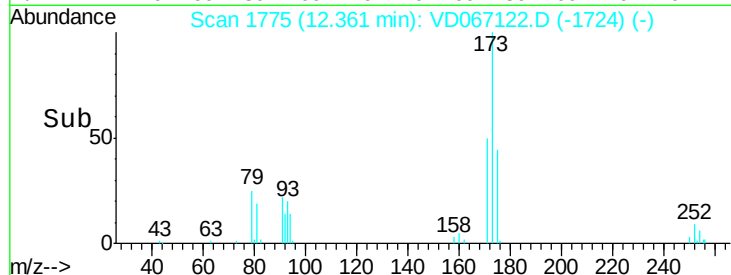
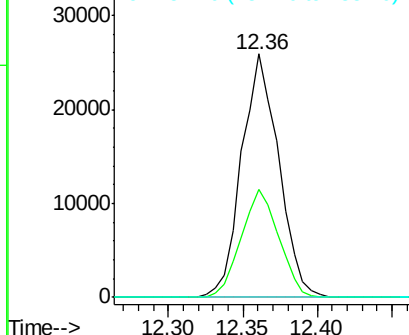
Tot Ion	Ratio	Lower	Upper
173	100		
175	44.9	24.9	74.7
254	0.0	0.2	0.4

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

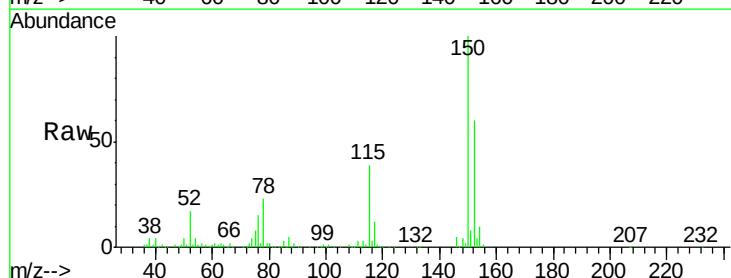
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

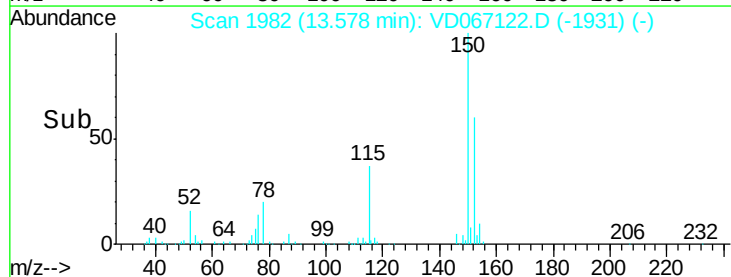
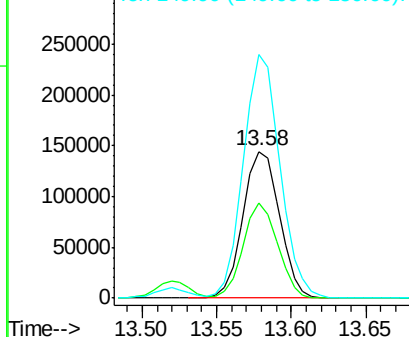
Lab File: VD067122.D

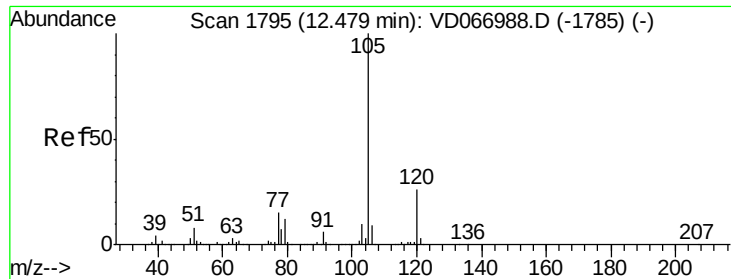
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.6	88.8
150	166.2	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





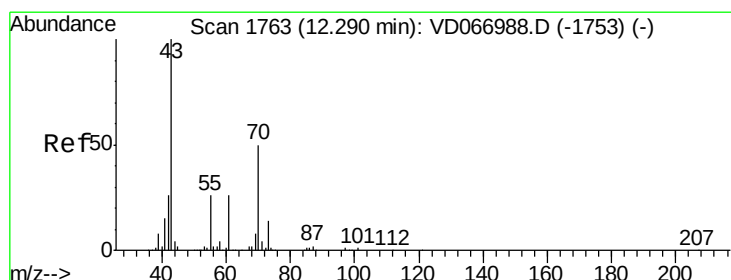
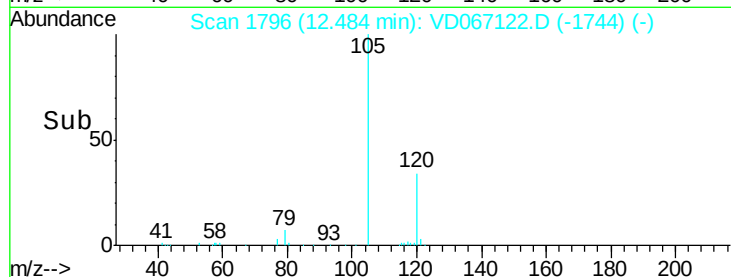
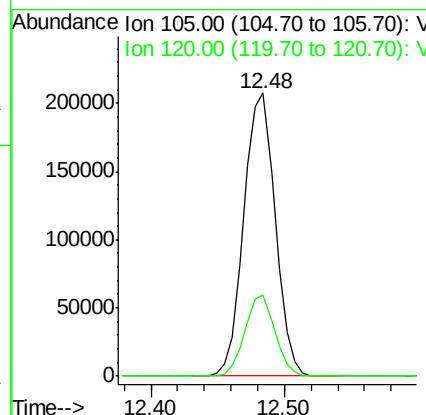
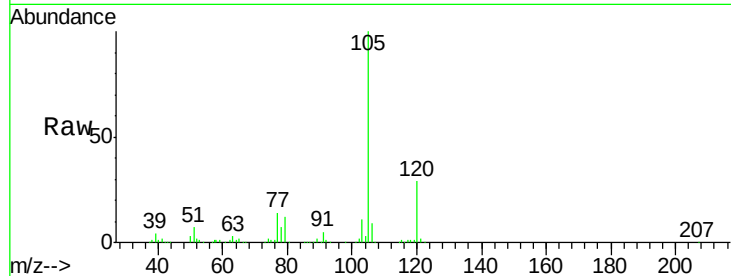
#73
Isopropylbenzene
Concen: 20.200 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 105 Resp: 336966
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

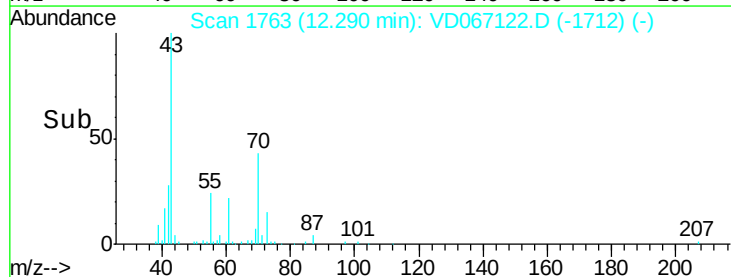
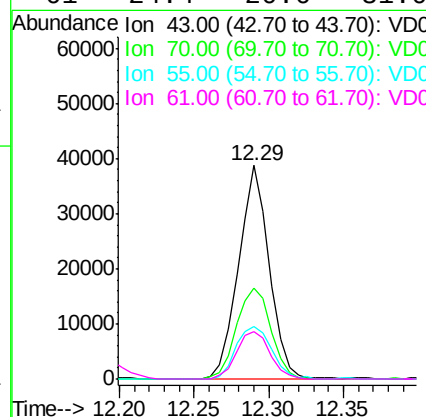
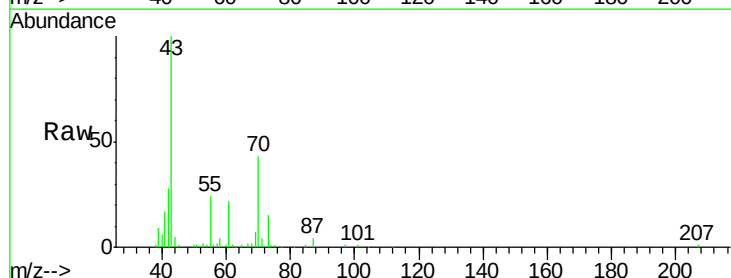
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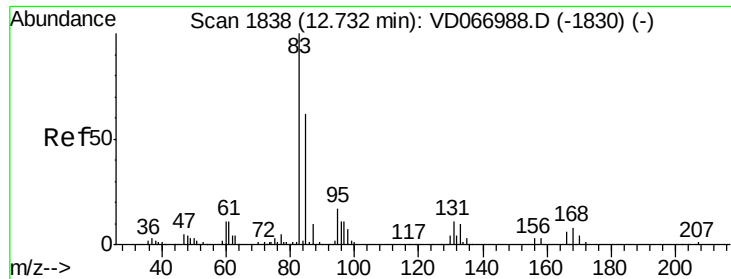
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#74
N-ethyl acetate
Concen: 18.464 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 43 Resp: 55370
Ion Ratio Lower Upper
43 100
70 48.0 38.2 57.2
55 28.6 22.4 33.6
61 24.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.954 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

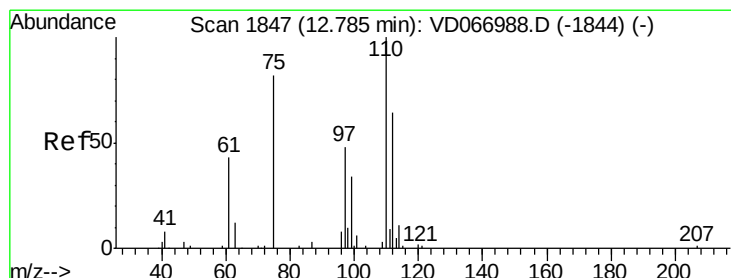
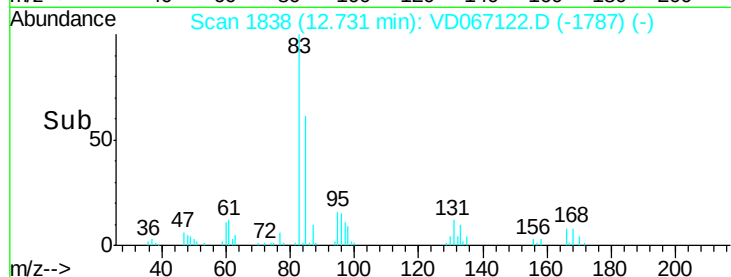
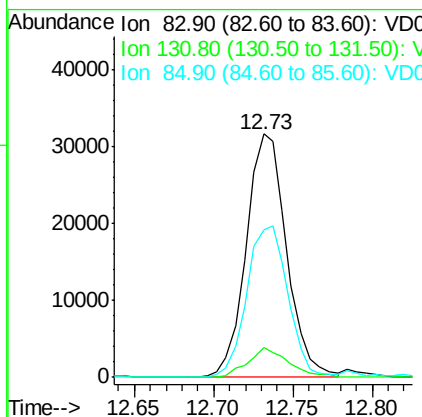
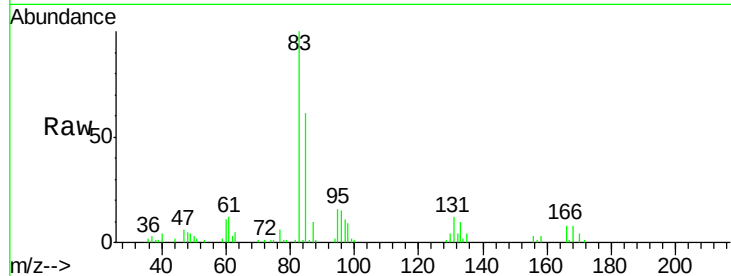
ClientSampleId :

VD1006SBS02

Tot Ion:	83	Resp:	56082
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.7	17.0
85	63.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 17.663 ug/l m

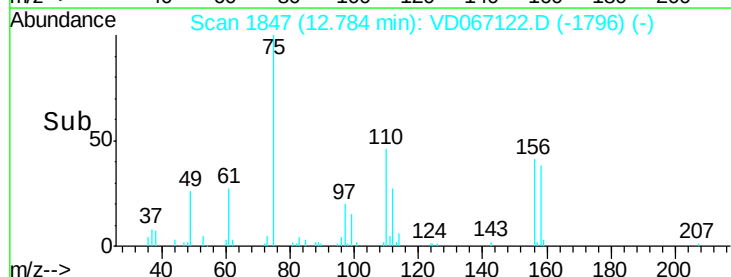
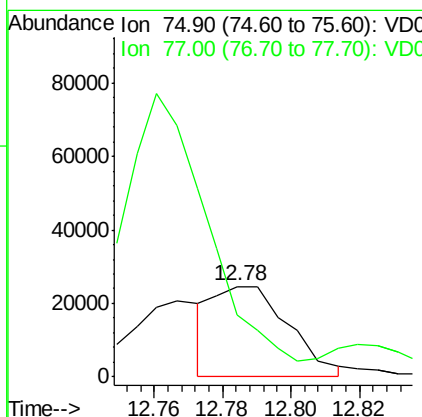
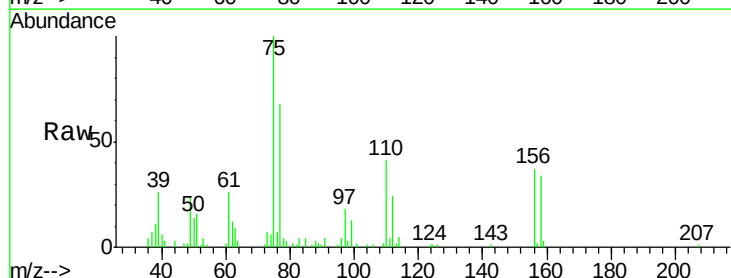
RT: 12.78 min Scan# 1847

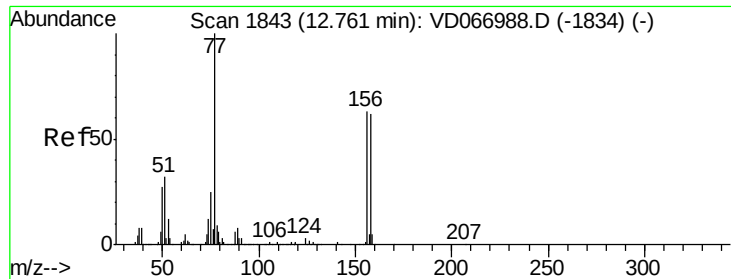
Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Tgt Ion:	75	Resp:	37796
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.084 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

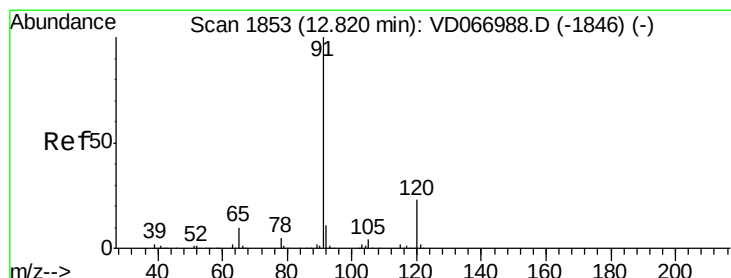
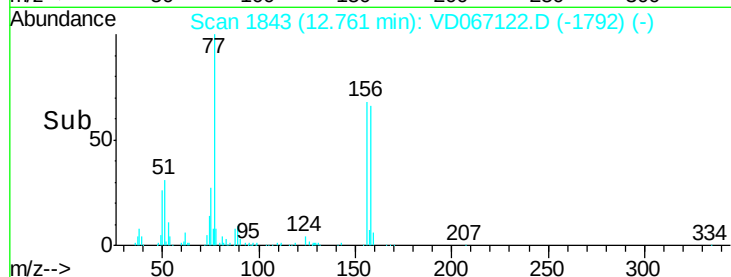
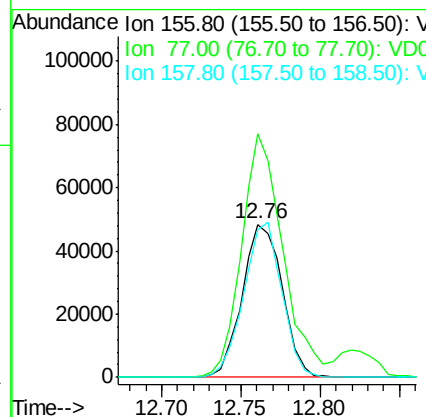
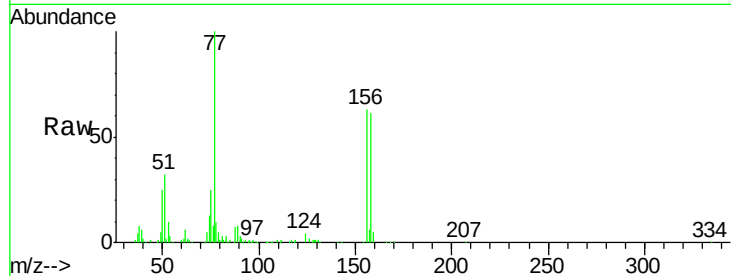
ClientSampleId :

VD1006SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	163.8	86.3	258.8	
158	96.8	49.5	148.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 20.421 ug/l

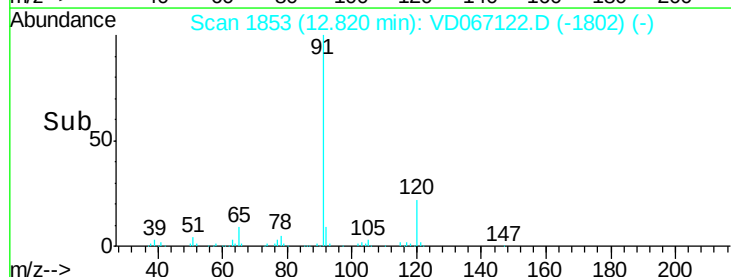
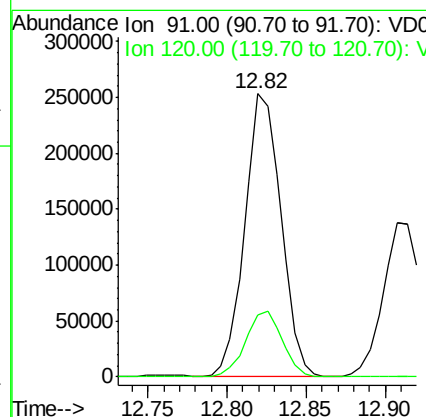
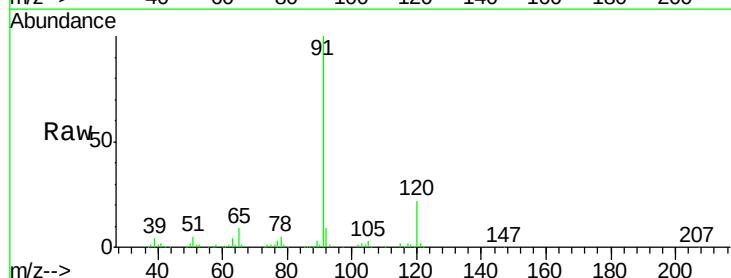
RT: 12.82 min Scan# 1853

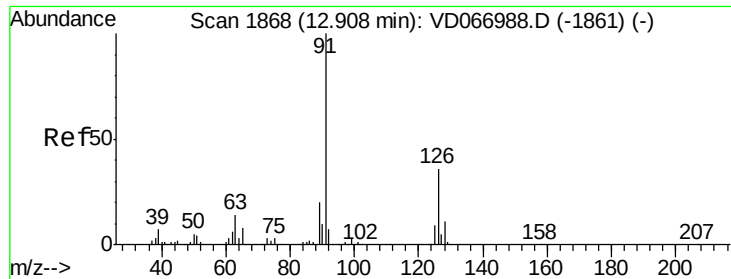
Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.6	34.8	





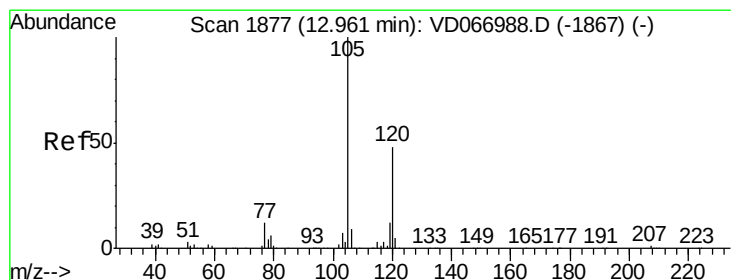
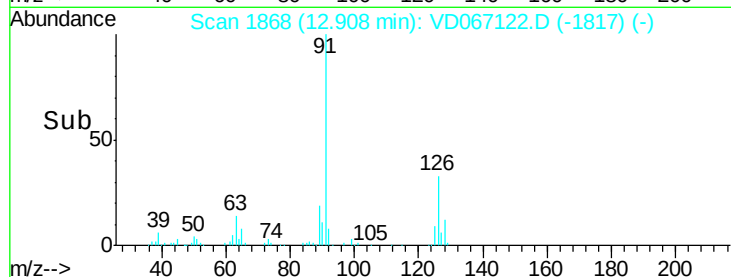
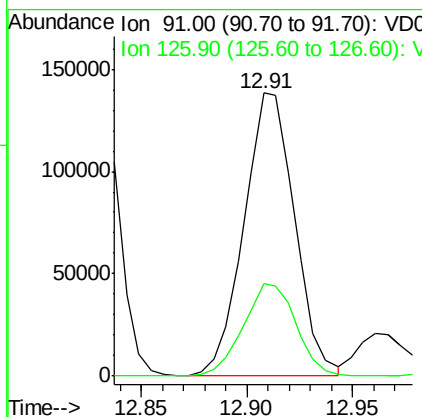
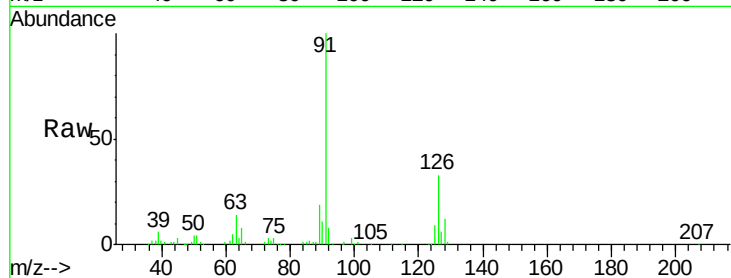
#79
 2-Chlorotoluene
 Concen: 20.453 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 91 Resp: 230700
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.5 52.6

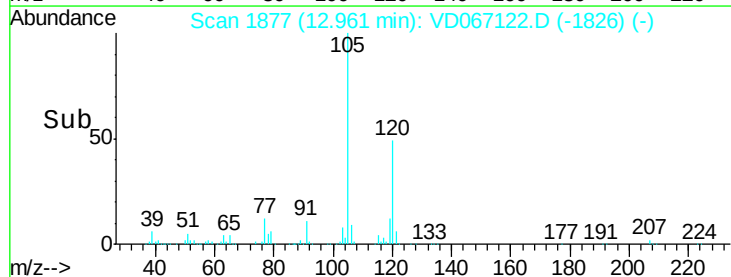
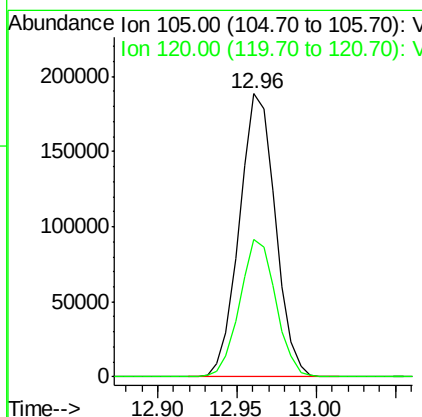
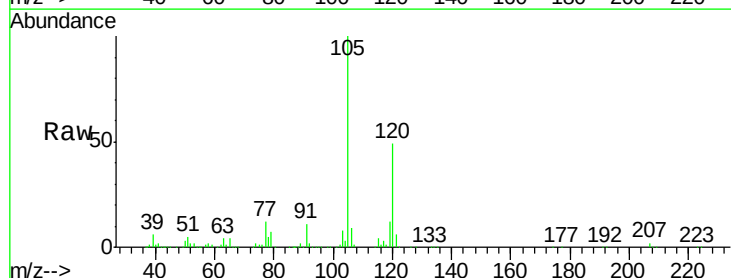
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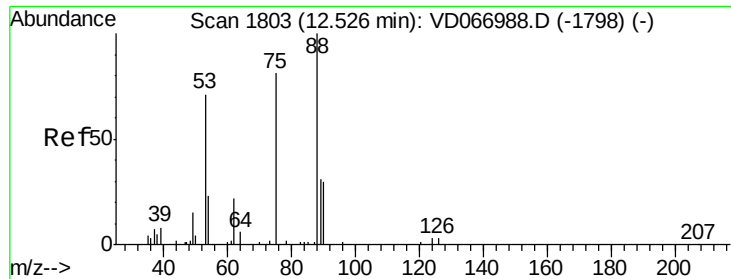
MMDadoda
 10/7/2020 12:10:11 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.115 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 105 Resp: 297584
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.858 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 75 Resp: 15328

Ion Ratio Lower Upper

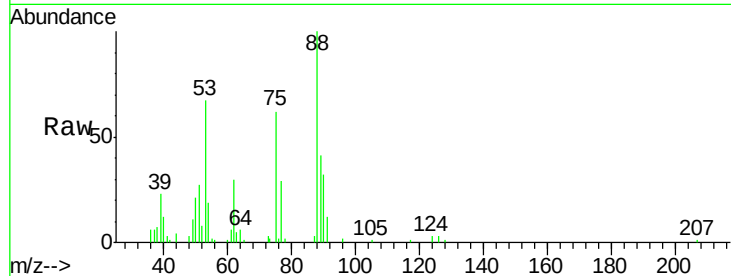
75 100

53 102.6 73.8 110.6

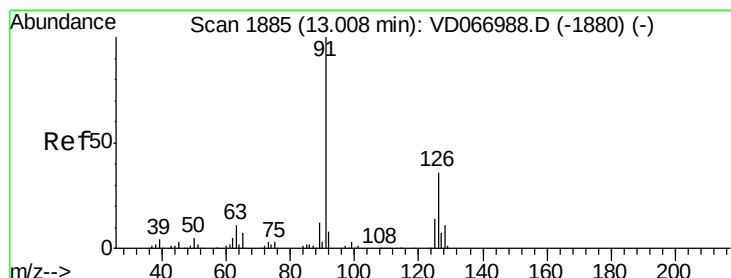
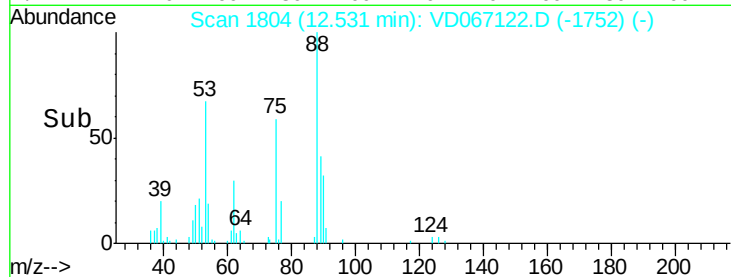
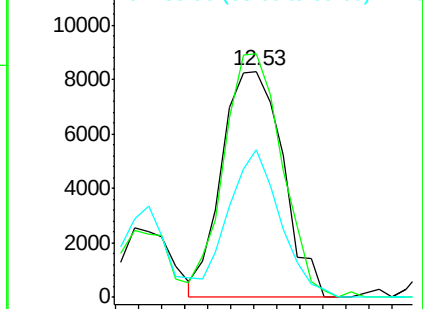
89 55.1 38.9 58.3

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Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.760 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067122.D

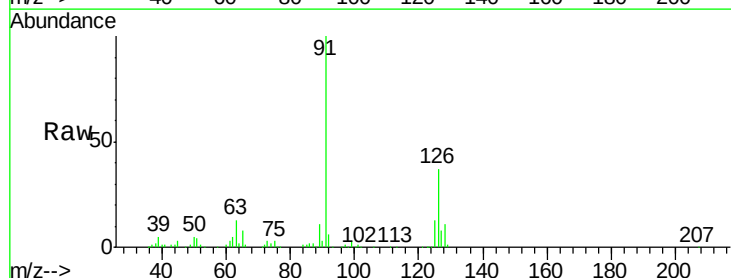
Acq: 06 Oct 2020 23:06

Tgt Ion: 91 Resp: 249135

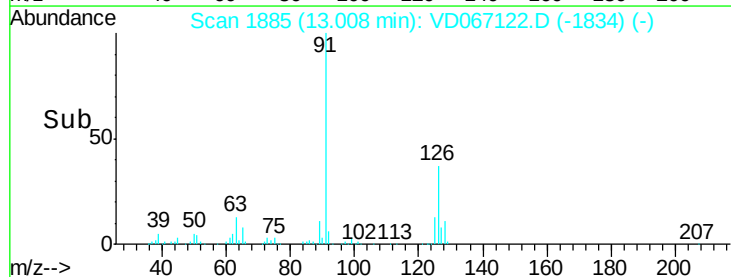
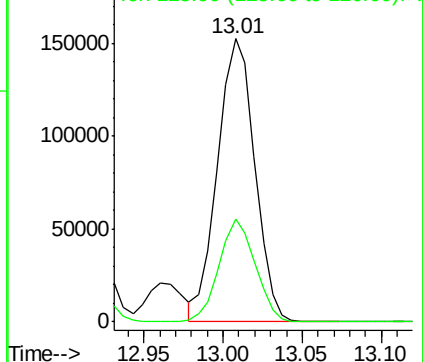
Ion Ratio Lower Upper

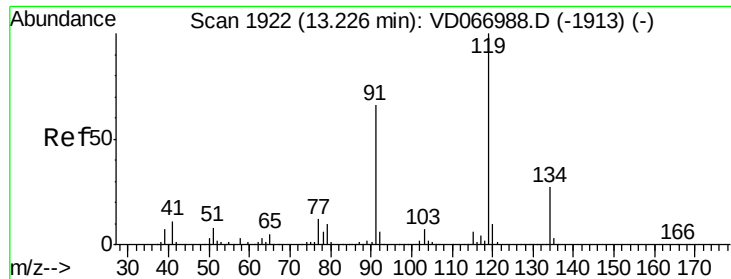
91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





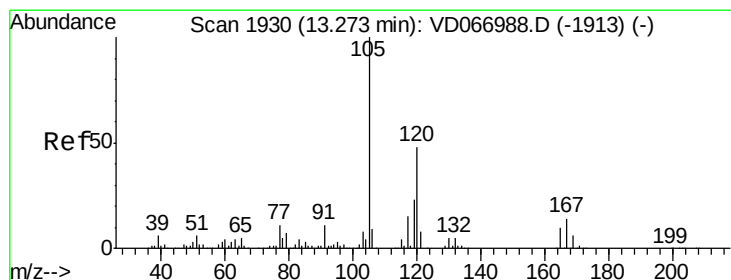
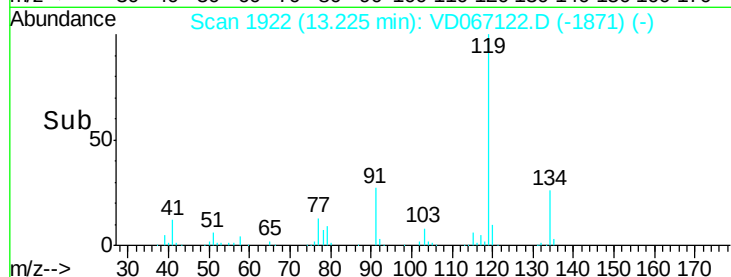
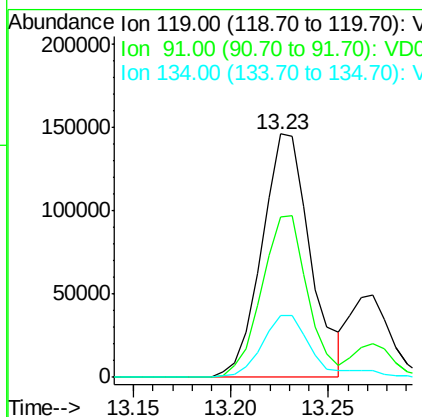
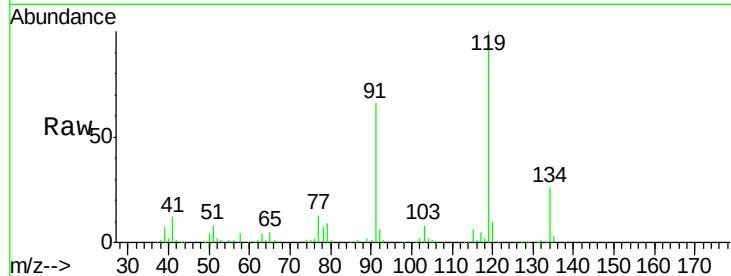
#83
 tert-Butylbenzene
 Concen: 21.194 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	251534		
91	63.0		32.8	98.3
134	26.8		13.9	41.7

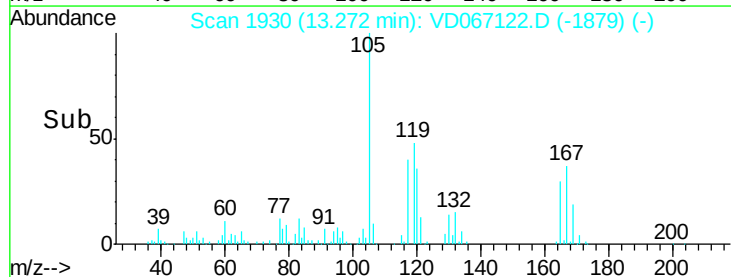
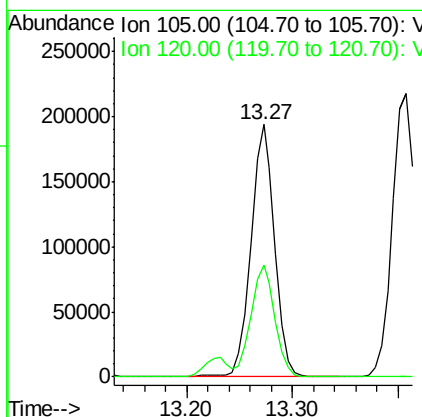
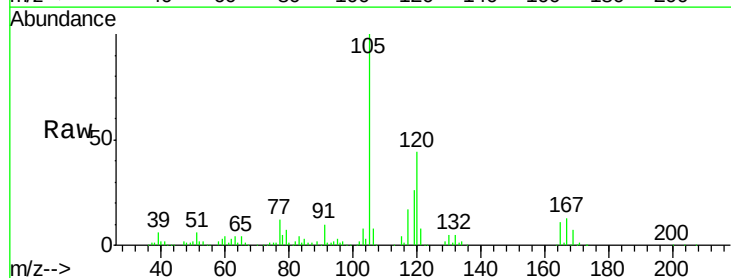
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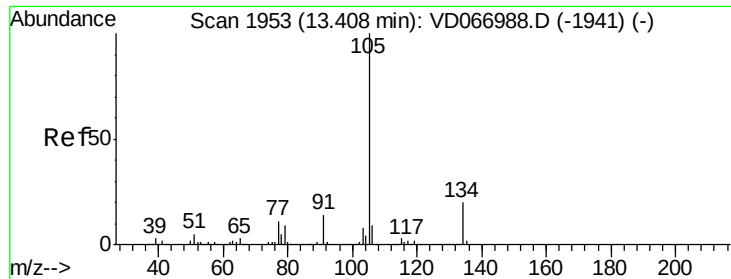
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.366 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300507		
120	44.9		23.3	69.8





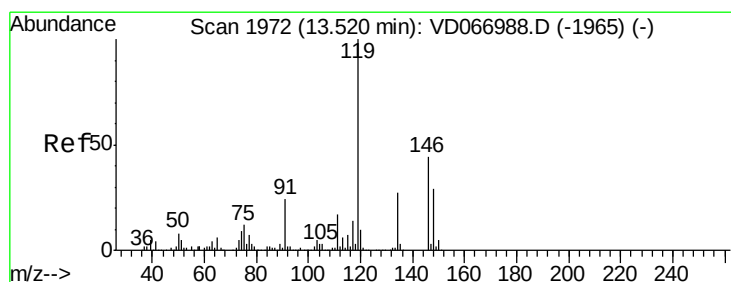
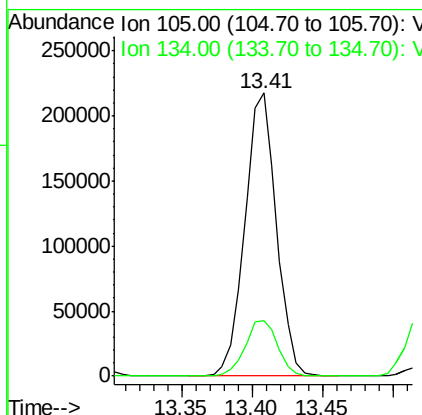
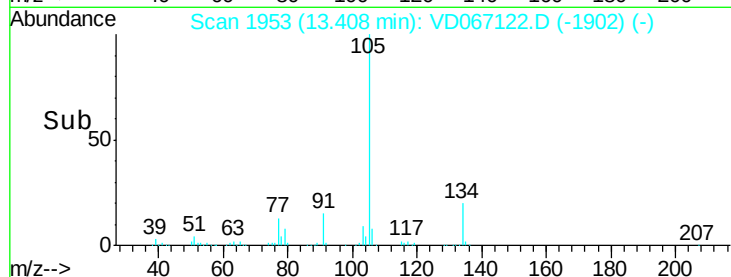
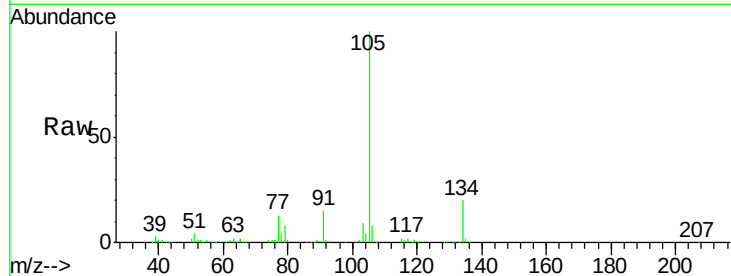
#85
 sec-Butylbenzene
 Concen: 20.320 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.8

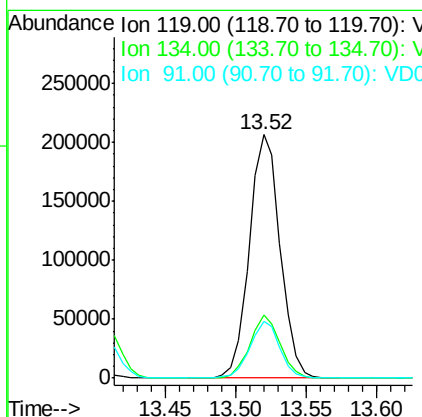
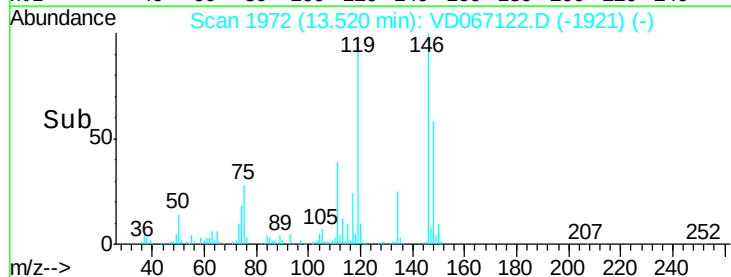
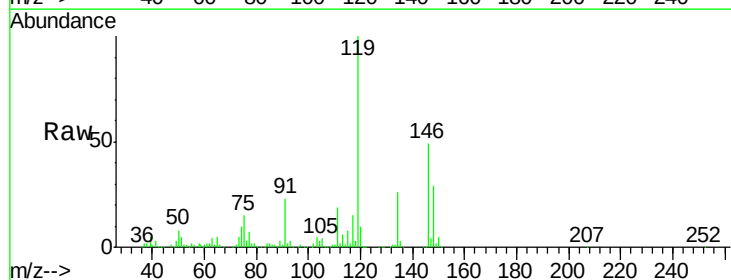
Manual Integrations
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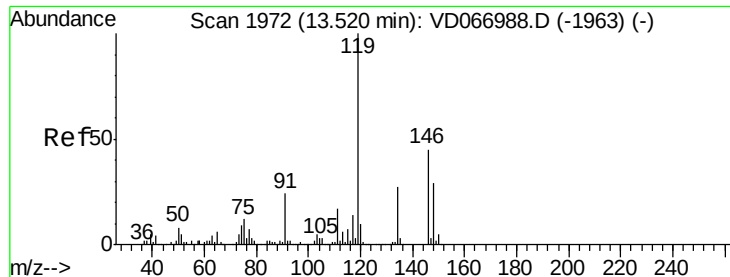
MMDadoda
 10/7/2020 12:10:11 PM



#86
 p-Isopropyltoluene
 Concen: 20.364 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.1
91	22.8	11.7	35.1





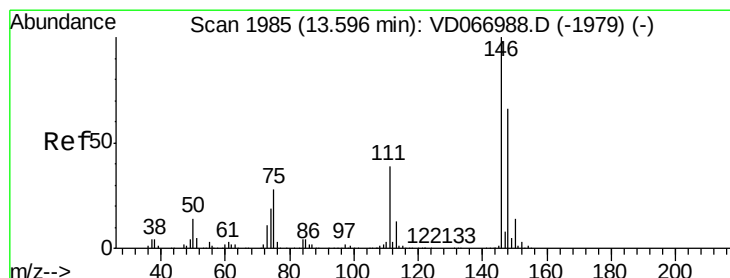
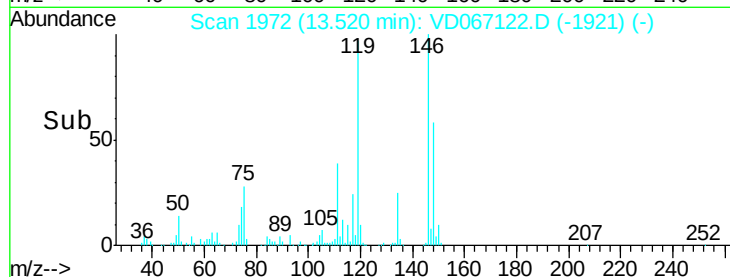
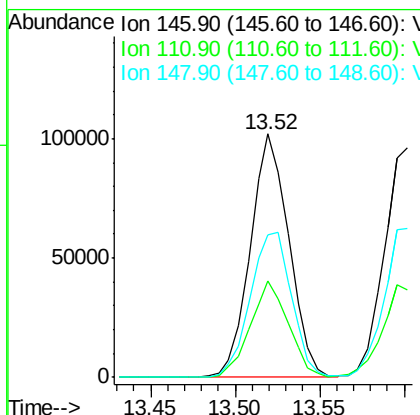
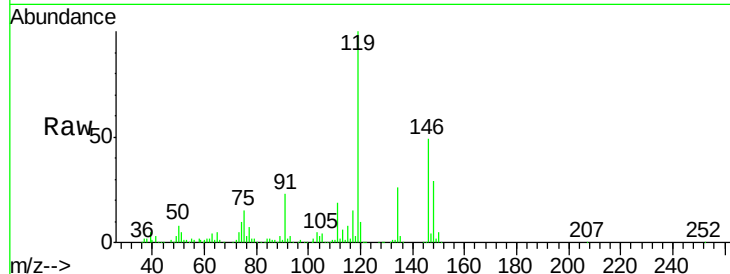
#87
 1,3-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	60.0
148	63.8	31.9	95.9

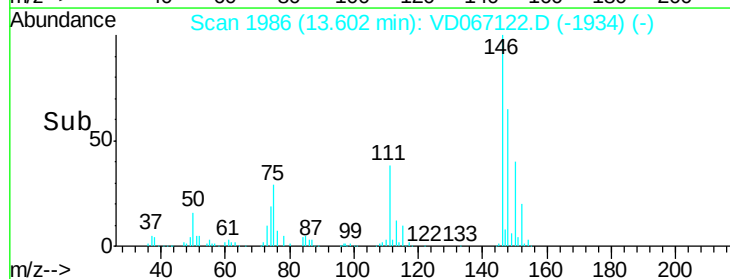
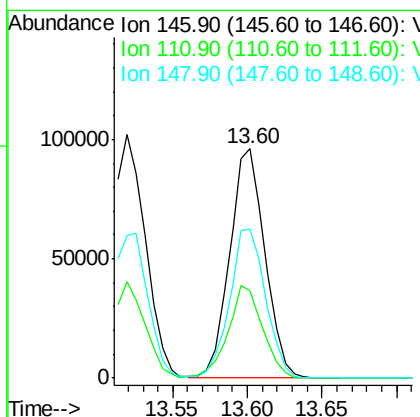
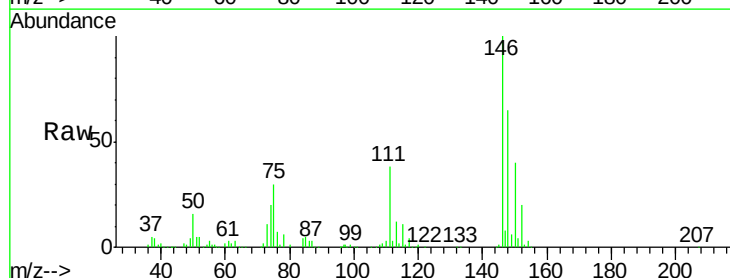
Manual Integrations
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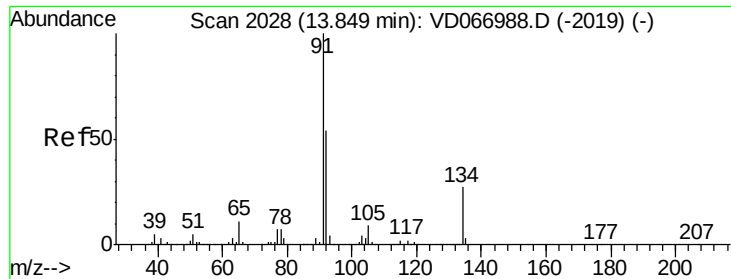
MMDadoda
 10/7/2020 12:10:11 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.153 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	66.7	32.6	97.7





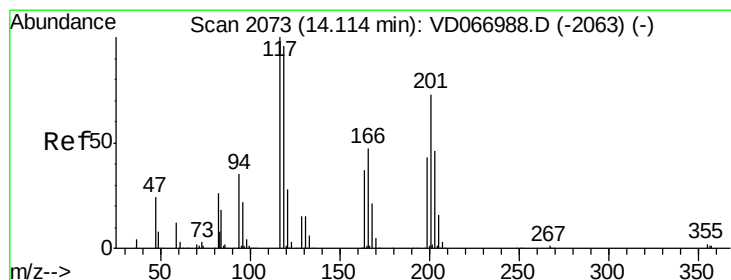
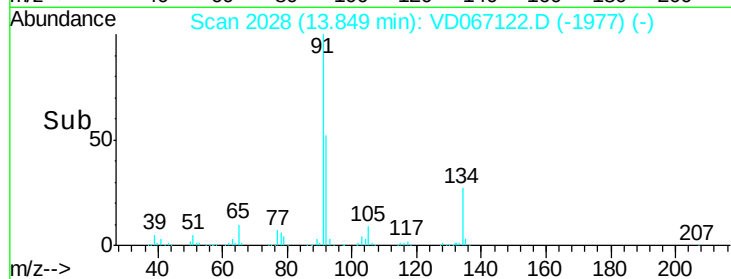
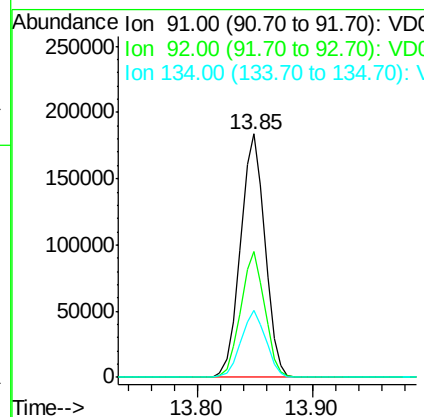
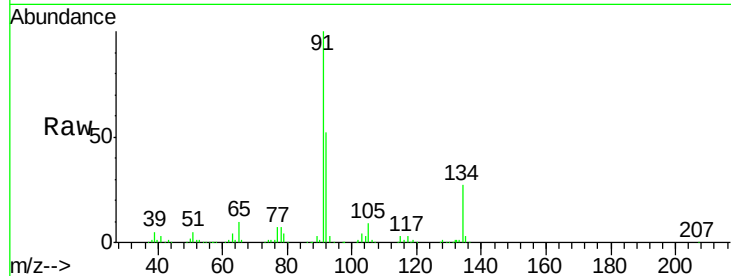
#89
n-Butylbenzene
Concen: 19.034 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	269548		
92	50.7		27.1	81.2
134	27.4		13.6	40.8

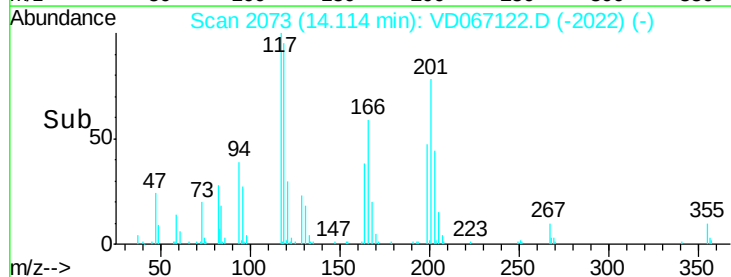
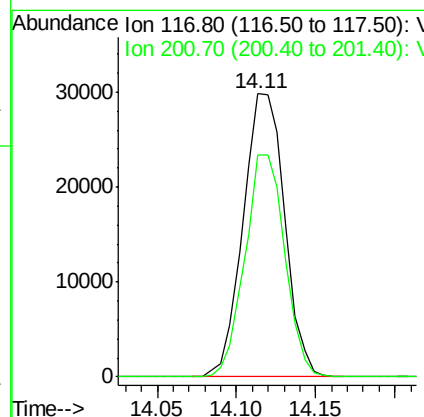
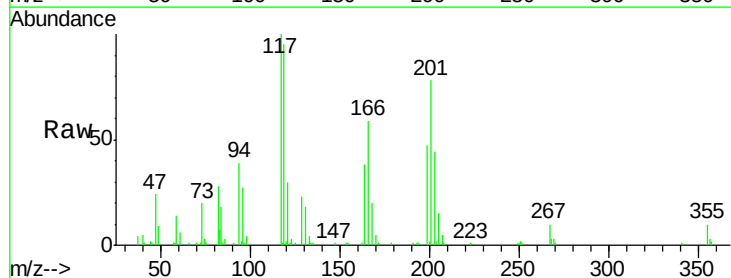
Manual Integrations
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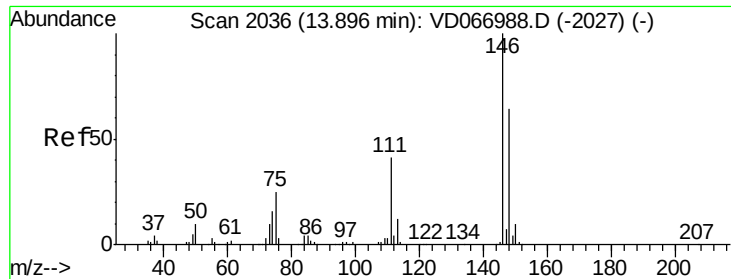
MMDadoda
10/7/2020 12:10:11 PM



#90
Hexachloroethane
Concen: 20.024 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54350		
201	75.4		37.0	110.9





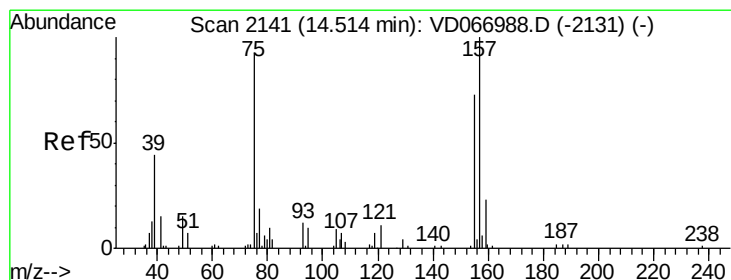
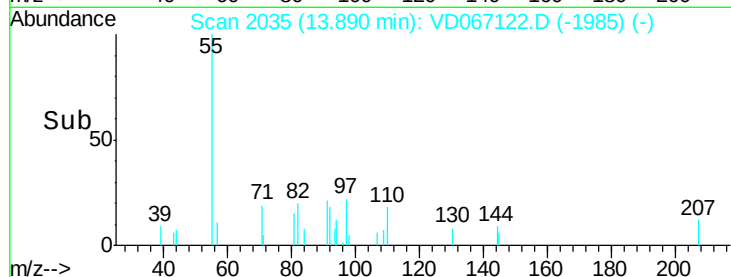
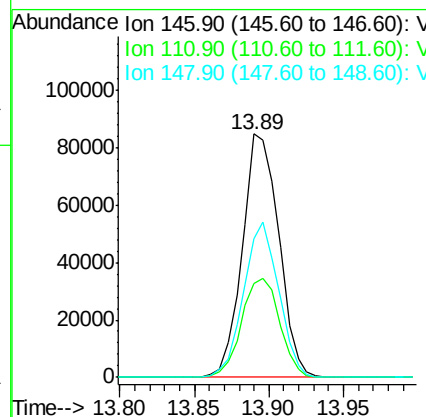
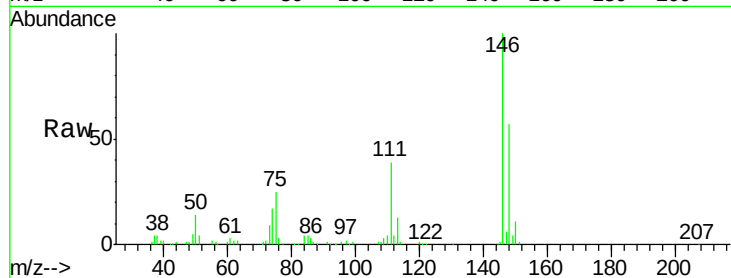
#91
 1,2-Dichlorobenzene
 Concen: 20.957 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	61.5	32.3	96.9

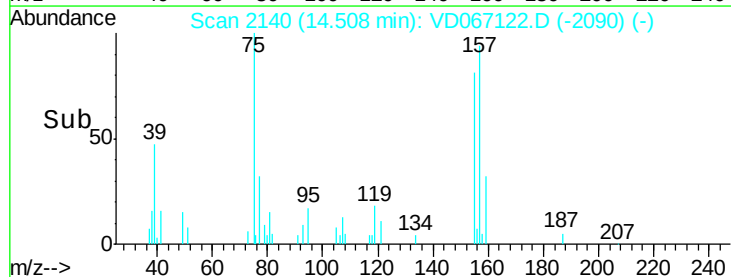
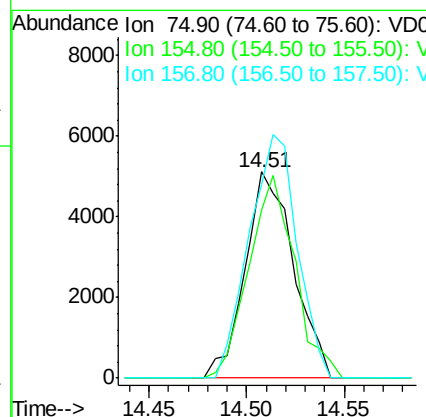
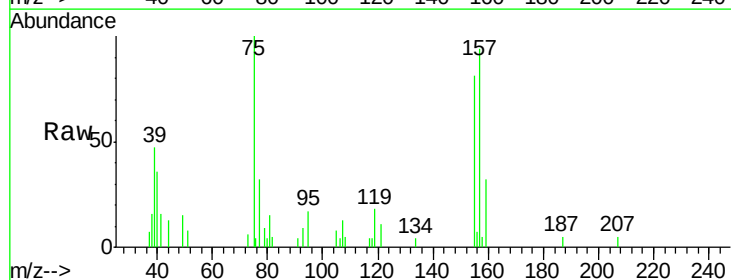
Manual Integrations
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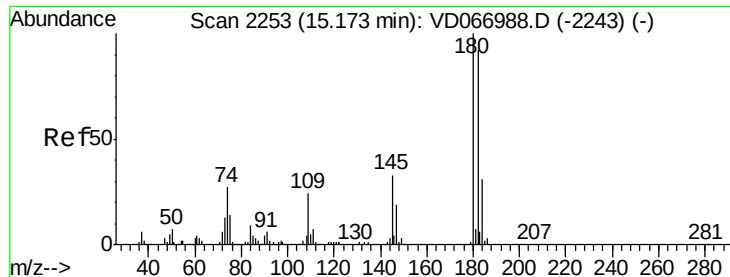
MMDadoda
 10/7/2020 12:10:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.426 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	45.2	135.6
157	117.4	56.3	168.8





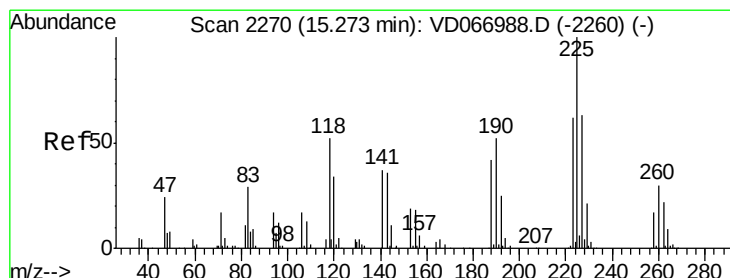
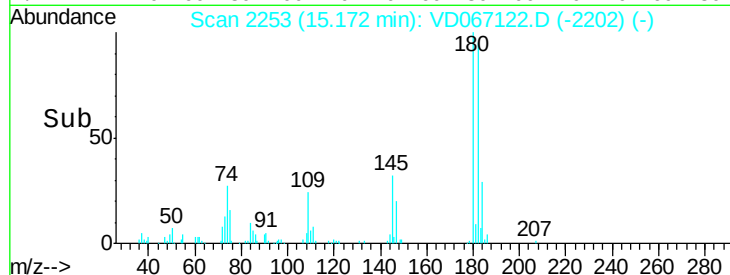
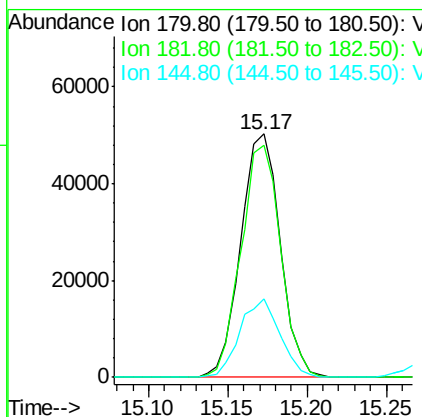
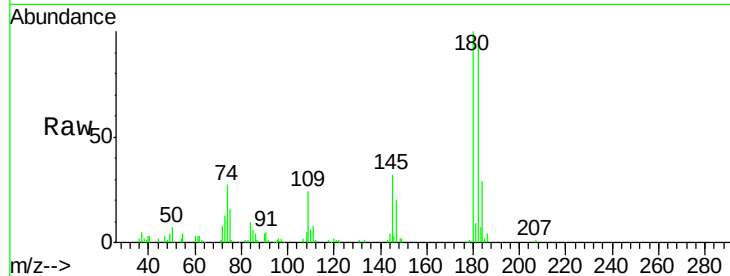
#93
 1,2,4-Trichlorobenzene
 Concen: 19.683 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	87236		
182	95.7	47.3	142.0	
145	32.6	16.4	49.1	

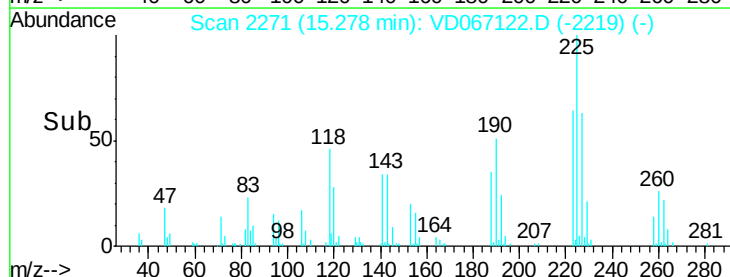
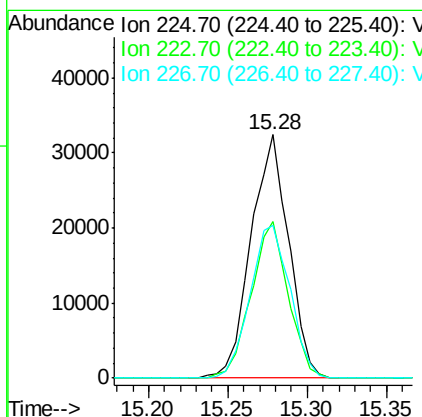
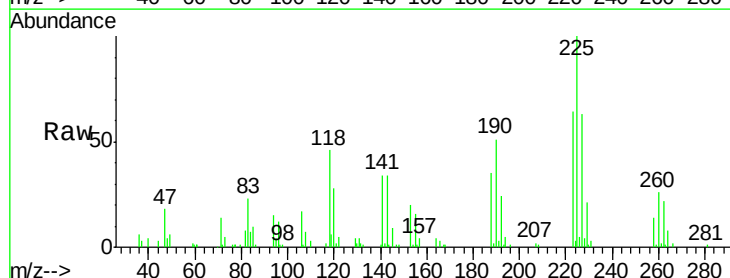
Manual Integrations
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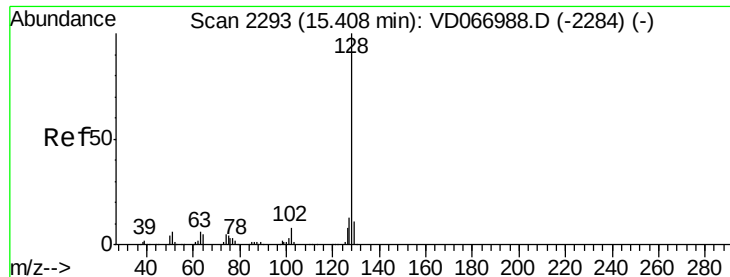
MMDadoda
 10/7/2020 12:10:11 PM



#94
 Hexachlorobutadiene
 Concen: 19.688 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53589		
223	63.3	32.4	97.0	
227	66.3	31.6	95.0	





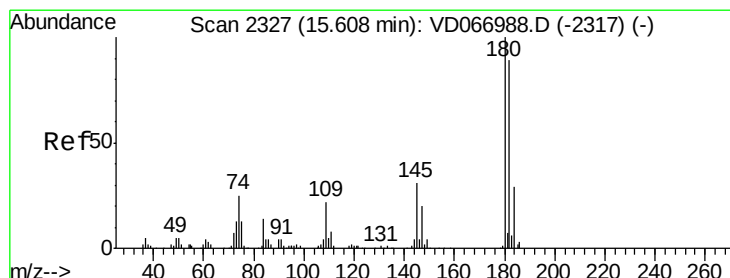
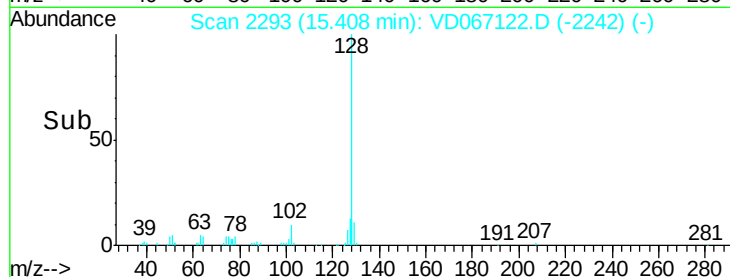
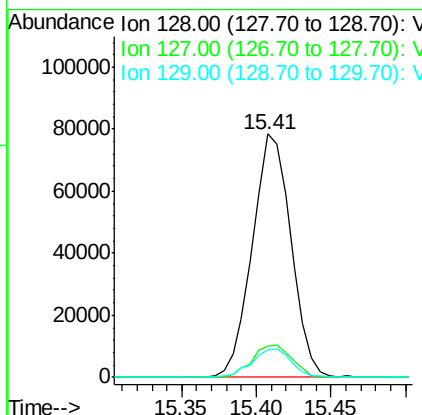
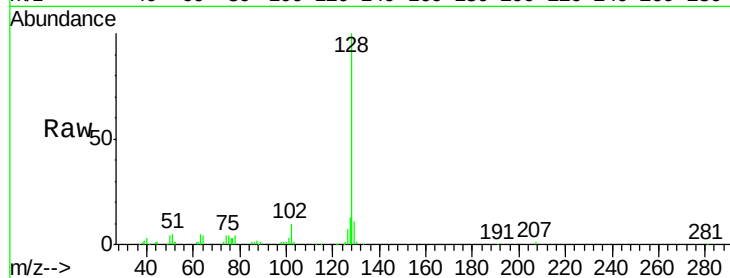
#95
Naphthalene
Concen: 19.068 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.093 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.4	139.1
145	34.1	16.6	49.7

