

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067053.D
 Acq On : 03 Oct 2020 00:37
 Operator : VA/SY
 Sample : VD1002SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:35 PM

Quant Time: Oct 03 05:47:22 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	406746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209736	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	226885	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.34	98	845902	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.63	95	289716	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	83036	22.647	ug/l	97
3) Chloromethane	2.21	50	69202	21.364	ug/l	95
4) Vinyl Chloride	2.35	62	66567	20.495	ug/l	95
5) Bromomethane	2.76	94	50023	21.418	ug/l	95
6) Chloroethane	2.91	64	41324	20.892	ug/l	88
7) Trichlorofluoromethane	3.27	101	148033	20.514	ug/l	93
8) Diethyl Ether	3.71	74	40692	22.740	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	83837	20.555	ug/l	99
10) Methyl Iodide	4.30	142	78433	19.791	ug/l	98
11) Tert butyl alcohol	5.22	59	29306	98.117	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	78149	20.382	ug/l	99
13) Acrolein	3.93	56	20261	77.234	ug/l	99
14) Allyl chloride	4.71	41	103997	20.878	ug/l	98
15) Acrylonitrile	5.43	53	73927	112.248	ug/l	97
16) Acetone	4.16	43	62743	104.913	ug/l	99
17) Carbon Disulfide	4.41	76	252571	21.464	ug/l #	92
18) Methyl Acetate	4.71	43	38160	25.388	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	155994	22.286	ug/l	97
20) Methylene Chloride	4.97	84	116787	23.691	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	97452	22.333	ug/l	95
22) Diisopropyl ether	6.36	45	209315	23.018	ug/l #	93
23) Vinyl Acetate	6.31	43	530426	102.934	ug/l	99
24) 1,1-Dichloroethane	6.27	63	160082	22.810	ug/l	98
25) 2-Butanone	7.21	43	90114	106.280	ug/l	94
26) 2,2-Dichloropropane	7.21	77	123975	18.020	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	107728	23.116	ug/l	98
28) Bromochloromethane	7.55	49	56497	20.846	ug/l	97
29) Tetrahydrofuran	7.57	42	54392	111.566	ug/l	95
30) Chloroform	7.71	83	172852	22.705	ug/l	96
31) Cyclohexane	7.98	56	118118	20.076	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	153253	21.721	ug/l	100
36) 1,1-Dichloropropene	8.11	75	124335	20.526	ug/l	98
37) Ethyl Acetate	7.29	43	44812	21.355	ug/l	99
38) Carbon Tetrachloride	8.10	117	139929	21.351	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	126476	19.749	ug/l	98
40) Benzene	8.35	78	373913	22.224	ug/l	96
41) Methacrylonitrile	7.52	41	20906	18.441	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104016	22.125	ug/l	98
43) Isopropyl Acetate	8.45	43	84274	21.800	ug/l	99
44) Trichloroethene	9.11	130	111057	22.106	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89176	22.558	ug/l	94
46) Dibromomethane	9.47	93	50833	22.373	ug/l	95
47) Bromodichloromethane	9.66	83	134721	22.811	ug/l	97
48) Methyl methacrylate	9.45	41	38033	19.204	ug/l #	80
49) 1,4-Dioxane	9.46	88	11151	470.248	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	207092	107.552	ug/l	99
52) Toluene	10.40	92	248305	22.911	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	115690	21.917	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	139650	21.666	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	72021	22.800	ug/l	97
56) Ethyl methacrylate	10.66	69	72973	22.375	ug/l	98
57) 1,3-Dichloropropane	10.94	76	117679	22.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	199300	109.795	ug/l	99
59) 2-Hexanone	10.98	43	137145	106.714	ug/l	97
60) Dibromochloromethane	11.14	129	96325	22.879	ug/l	98
61) 1,2-Dibromoethane	11.25	107	68963	22.724	ug/l	97
64) Tetrachloroethene	10.87	164	96054	21.604	ug/l	94
65) Chlorobenzene	11.67	112	270004	22.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	100782	21.783	ug/l	98
67) Ethyl Benzene	11.74	91	455242	21.844	ug/l	99
68) m/p-Xylenes	11.85	106	357213	43.982	ug/l	98
69) o-Xylene	12.18	106	159477	21.958	ug/l	96
70) Styrene	12.20	104	282712	22.669	ug/l	99
71) Bromoform	12.36	173	53251	22.173	ug/l #	100
73) Isopropylbenzene	12.48	105	434529	21.389	ug/l	100
74) N-amyl acetate	12.29	43	72214	19.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73646	21.516	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	56936m	21.848	ug/l	
77) Bromobenzene	12.76	156	108889	22.198	ug/l	99
78) n-propylbenzene	12.82	91	516301	21.504	ug/l	99
79) 2-Chlorotoluene	12.91	91	303994	22.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	374344	21.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20174	19.300	ug/l	98
82) 4-Chlorotoluene	13.01	91	318407	21.786	ug/l	99
83) tert-Butylbenzene	13.23	119	303317	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	376653	21.989	ug/l	98
85) sec-Butylbenzene	13.40	105	424702	20.865	ug/l	99
86) p-Isopropyltoluene	13.52	119	391822	20.763	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	209616	21.938	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205993	21.561	ug/l	99
89) n-Butylbenzene	13.85	91	345527	20.035	ug/l	99
90) Hexachloroethane	14.11	117	69848	21.131	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	183284	21.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11325	20.526	ug/l	98

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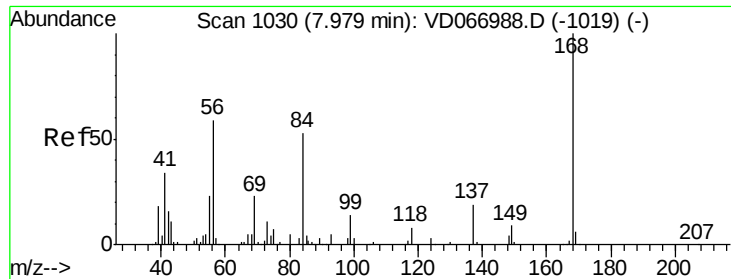
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114232	21.164	ug/l	99
94) Hexachlorobutadiene	15.27	225	65504	19.761	ug/l	98
95) Naphthalene	15.41	128	188897	20.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	102124	21.796	ug/l	100

(#) = 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: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion:168 Resp: 406746

Ion Ratio Lower Upper

168 100

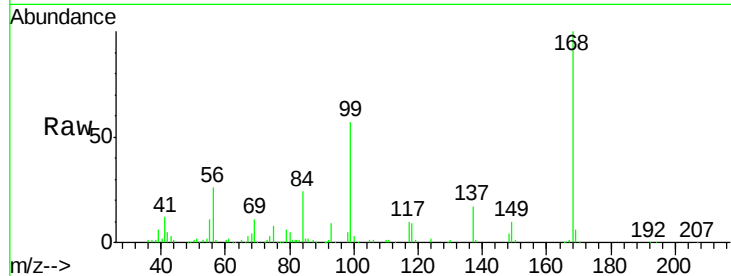
99 57.0 44.1 66.1

Manual Integrations

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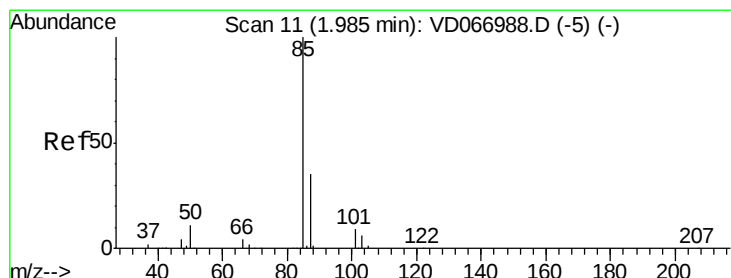
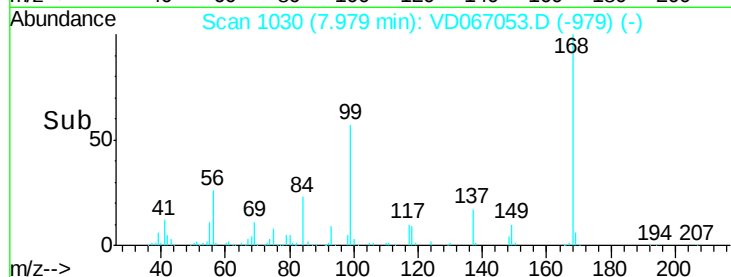
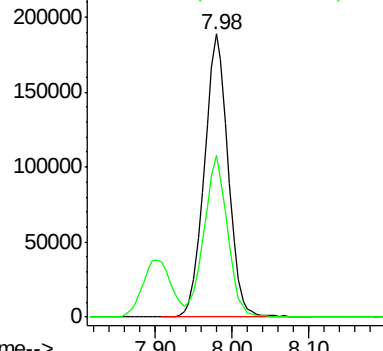
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.647 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067053.D

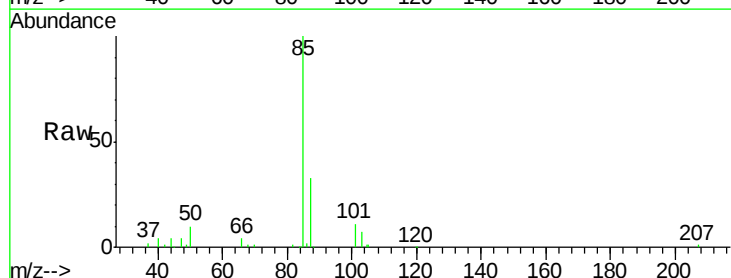
Acq: 03 Oct 2020 00:37

Tgt Ion: 85 Resp: 83036

Ion Ratio Lower Upper

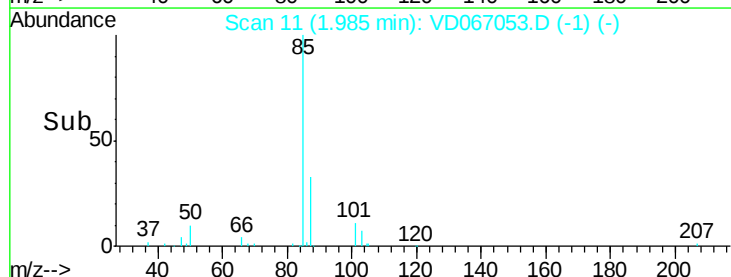
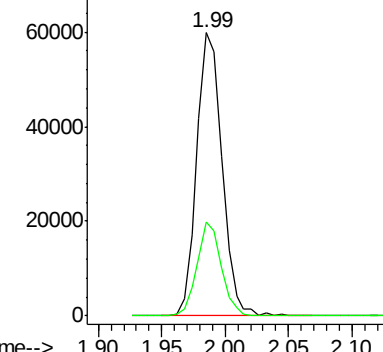
85 100

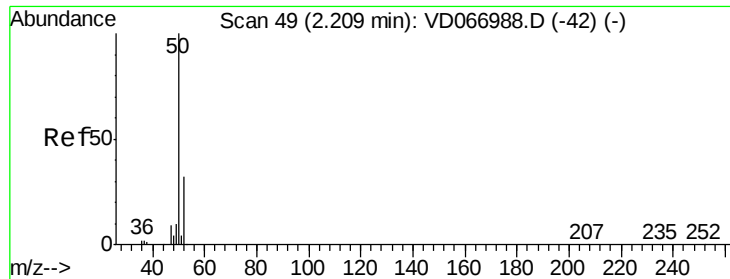
87 33.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.364 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 50 Resp: 69202

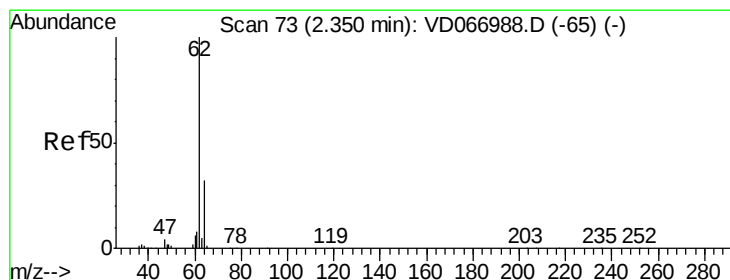
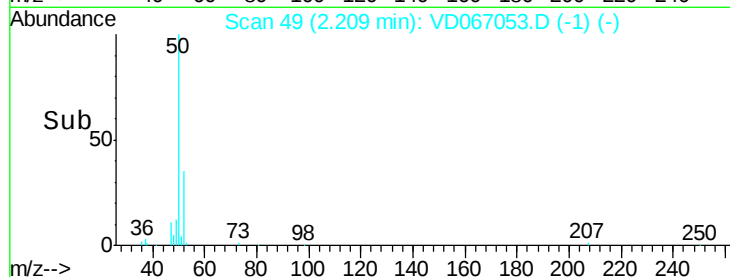
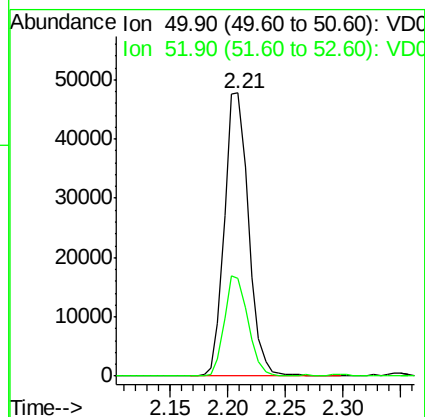
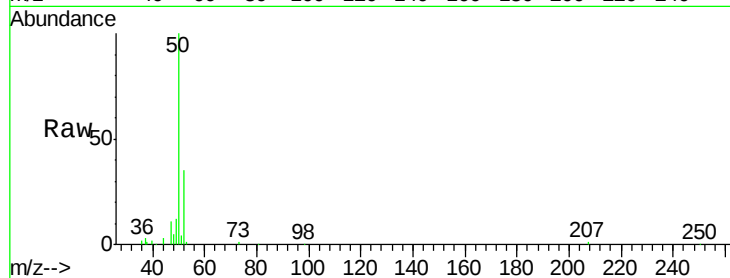
Ion Ratio Lower Upper

50 100

52 34.5 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.495 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067053.D

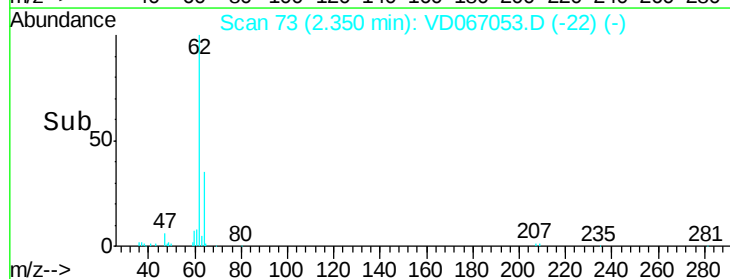
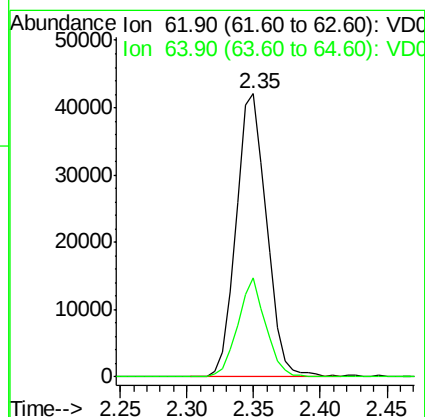
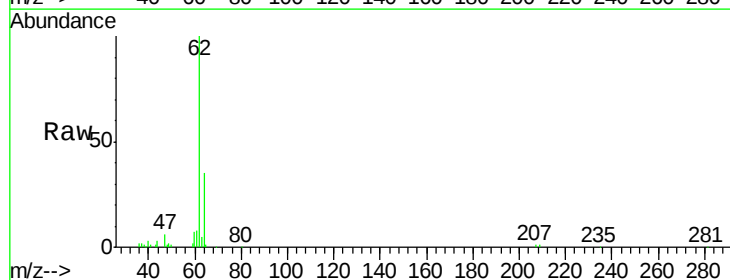
Acq: 03 Oct 2020 00:37

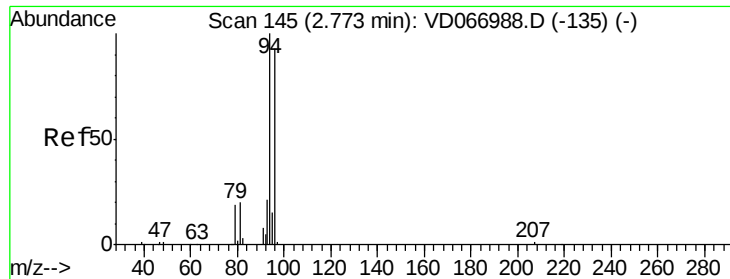
Tgt Ion: 62 Resp: 66567

Ion Ratio Lower Upper

62 100

64 35.2 25.8 38.8





#5

Bromomethane

Concen: 21.418 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 94 Resp: 50023

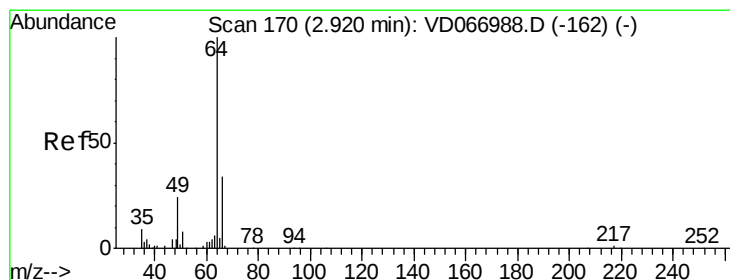
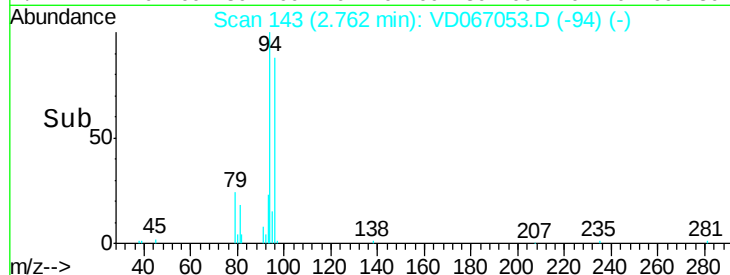
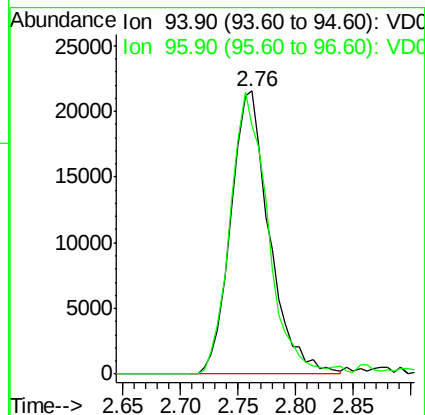
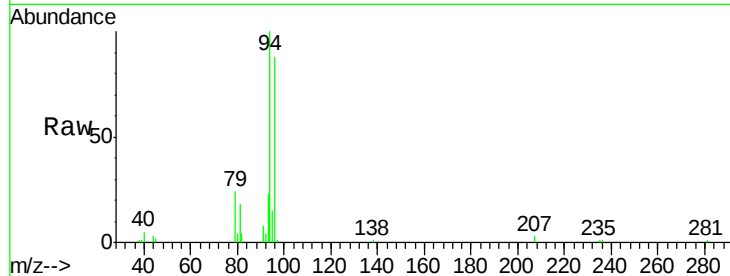
Ion Ratio Lower Upper

94 100

96 88.1 74.6 112.0

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#6

Chloroethane

Concen: 20.892 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067053.D

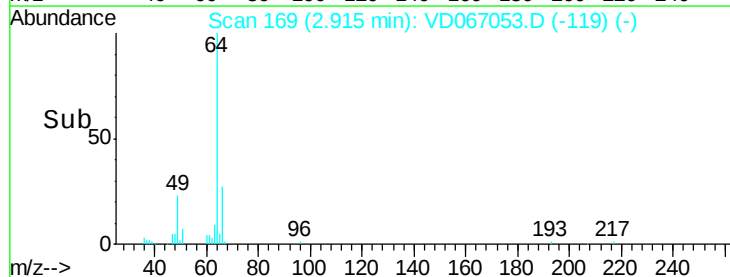
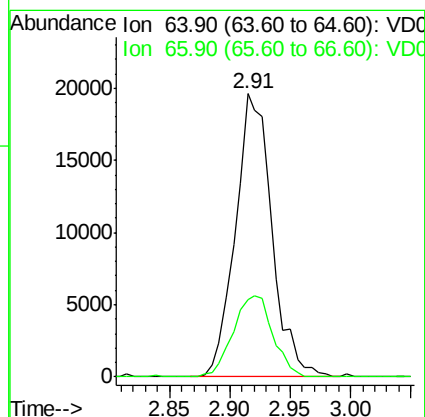
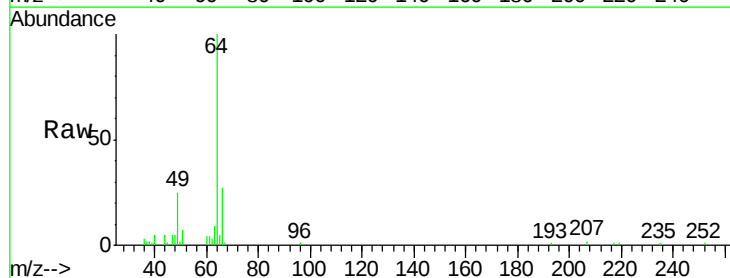
Acq: 03 Oct 2020 00:37

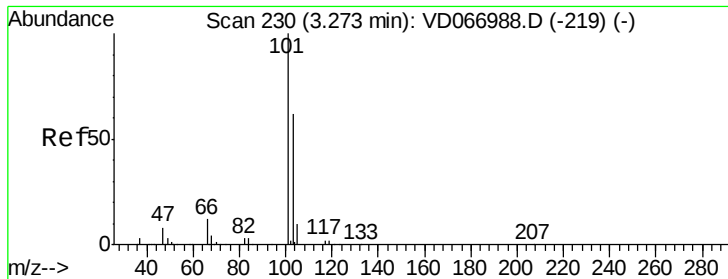
Tgt Ion: 64 Resp: 41324

Ion Ratio Lower Upper

64 100

66 27.1 27.0 40.6





#7

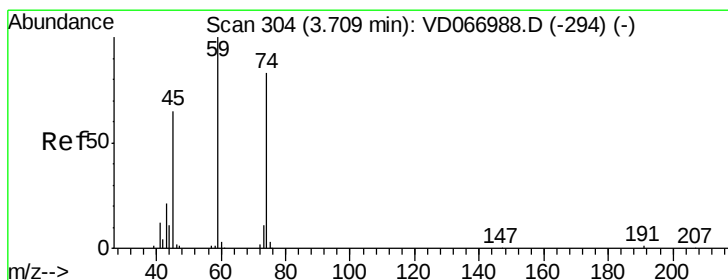
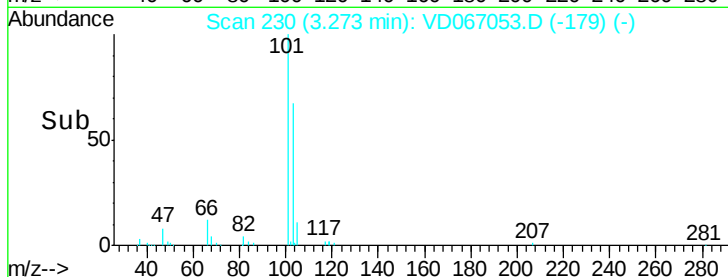
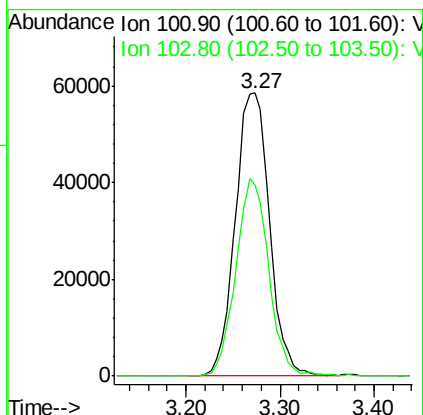
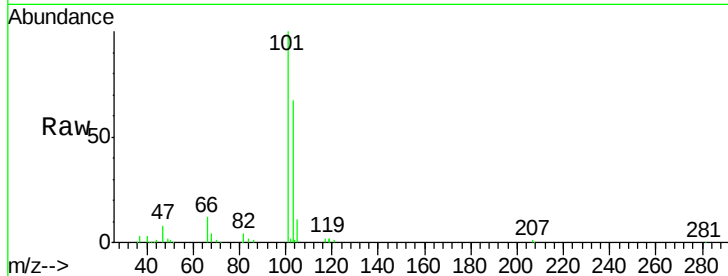
Trichlorofluoromethane
 Concen: 20.514 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067053.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	49.8	74.8

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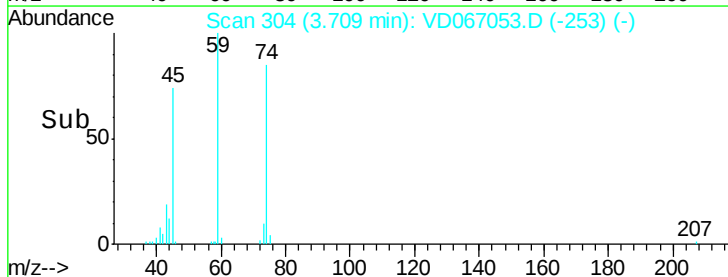
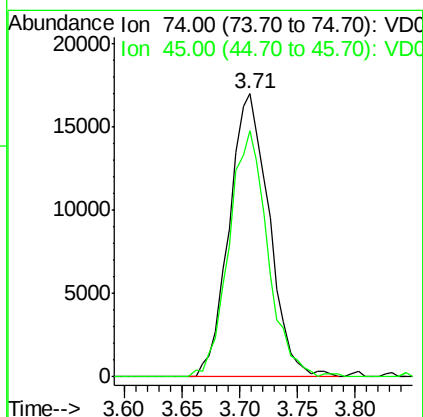
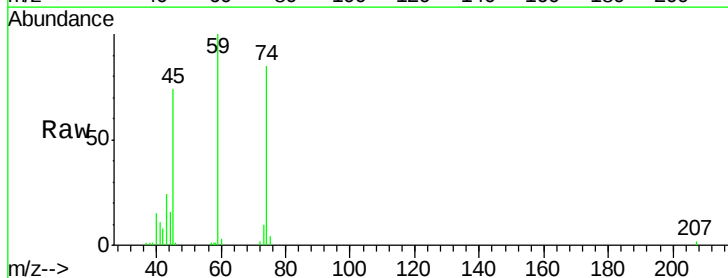
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 10/5/2020 5:34:35 PM

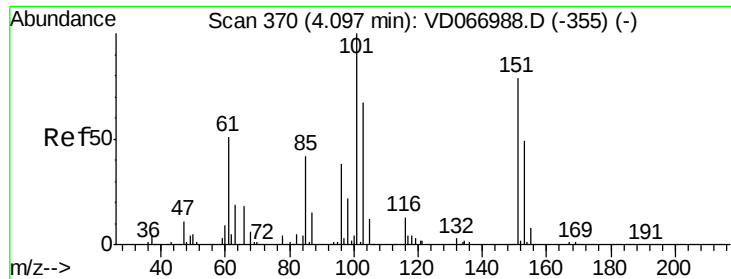


#8

Diethyl Ether
 Concen: 22.740 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.8	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.555 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

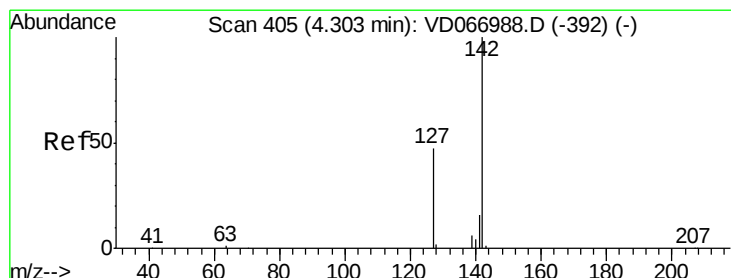
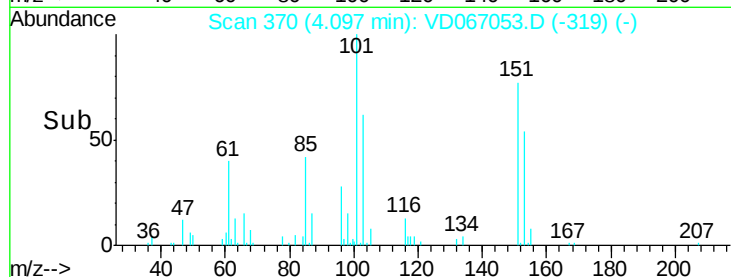
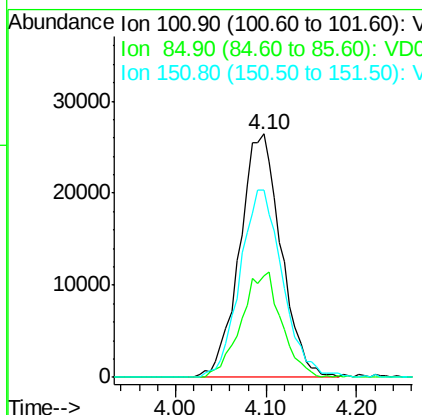
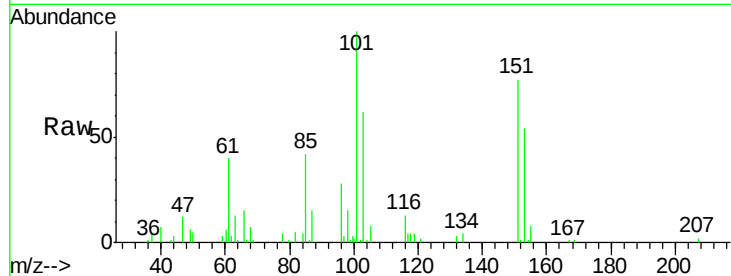
ClientSampleId :

VD1002SBS02

Tot Ion:	101	Resp:	83837
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	79.2	63.8	95.8

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#10

Methyl Iodide

Concen: 19.791 ug/l

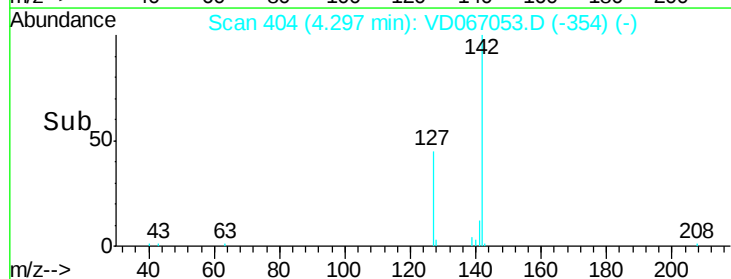
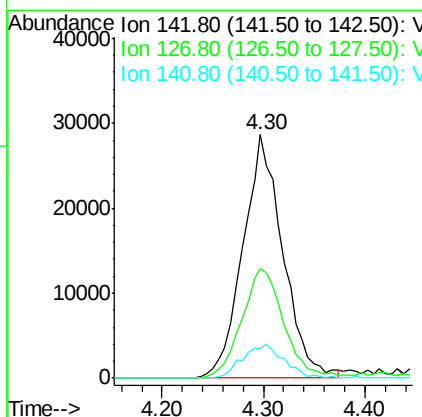
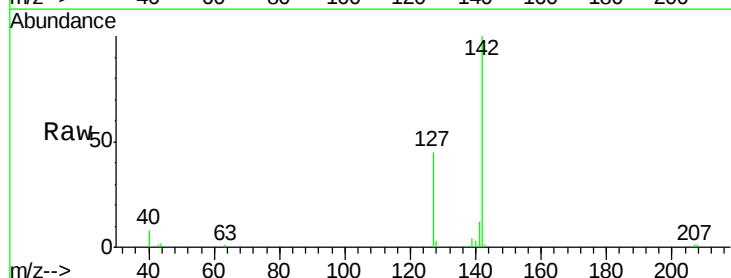
RT: 4.30 min Scan# 404

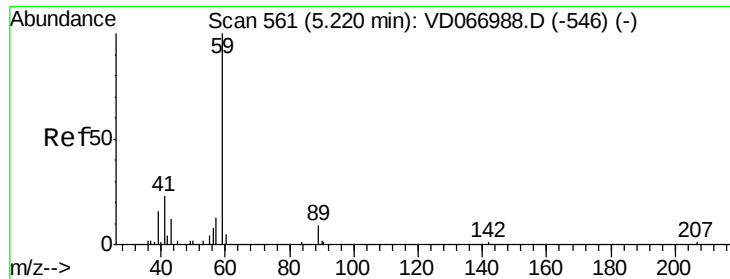
Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:	142	Resp:	78433
Ion Ratio	Lower	Upper	
142	100		
127	47.2	36.3	54.5
141	14.4	12.0	18.0





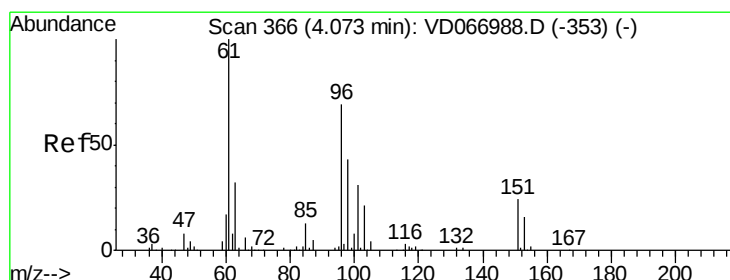
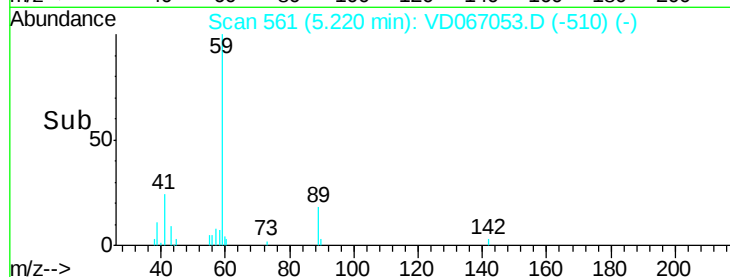
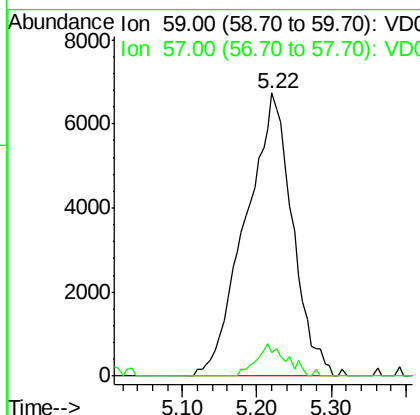
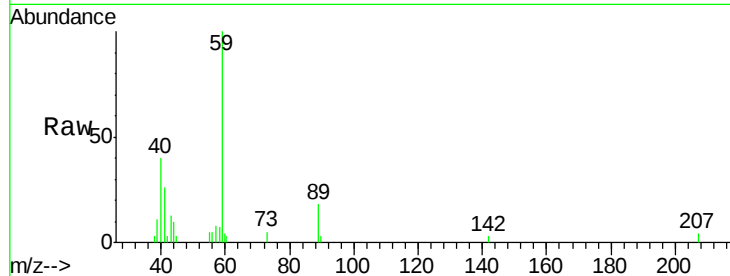
#11
Tert butyl alcohol
Concen: 98.117 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.2	12.4#

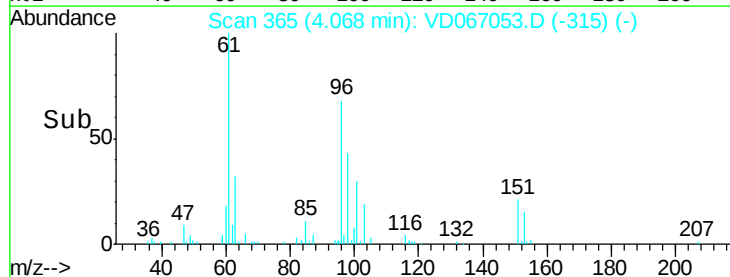
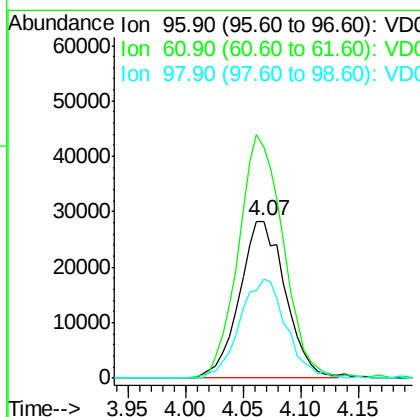
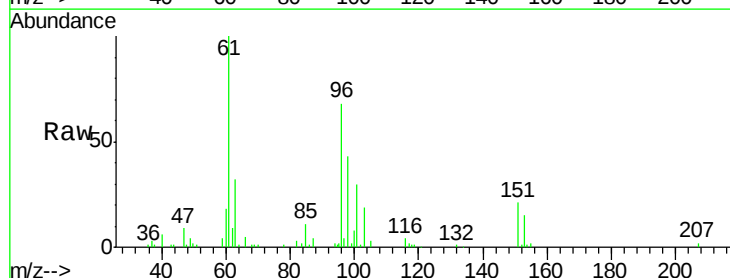
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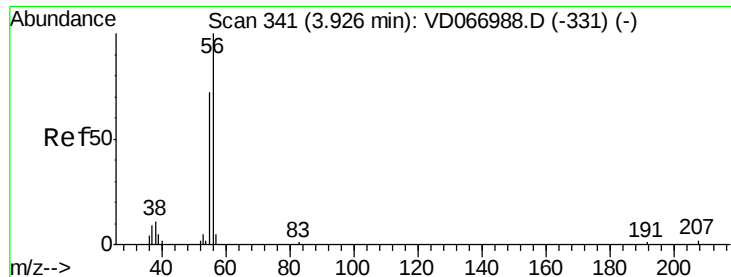
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.382 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	116.4	174.6
98	62.7	49.9	74.9





#13

Acrolein

Concen: 77.234 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 56 Resp: 20261

Ion Ratio Lower Upper

56 100

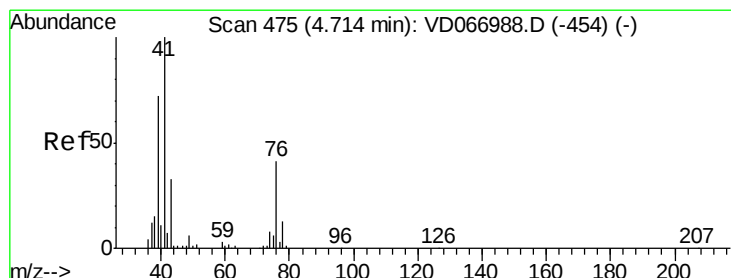
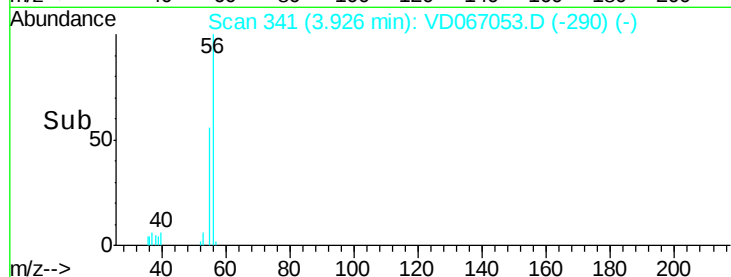
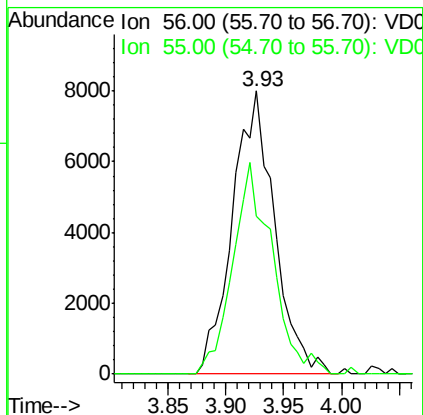
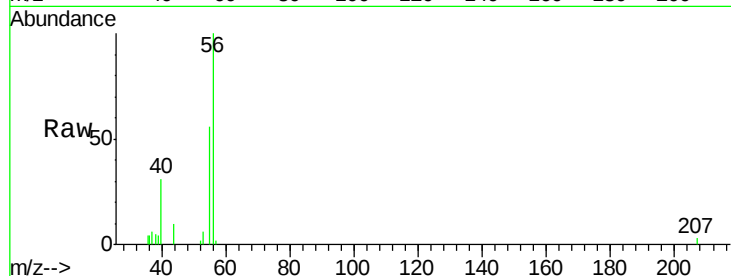
55 70.3 56.9 85.3

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#14

Allyl chloride

Concen: 20.878 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

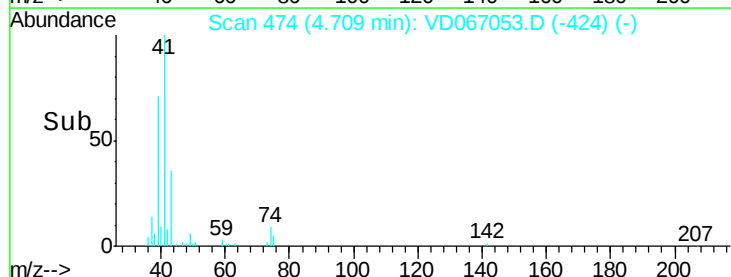
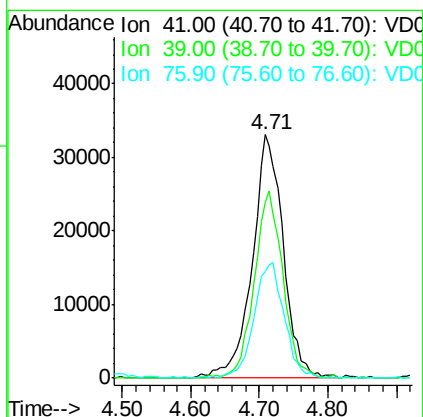
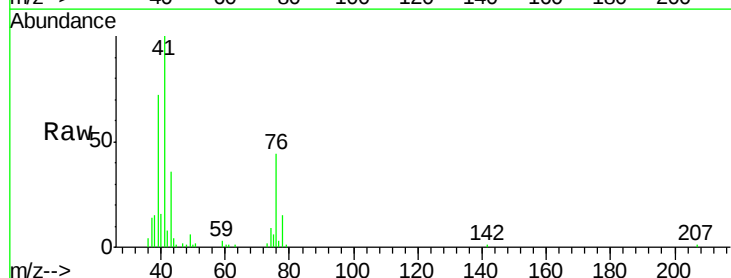
Tgt Ion: 41 Resp: 103997

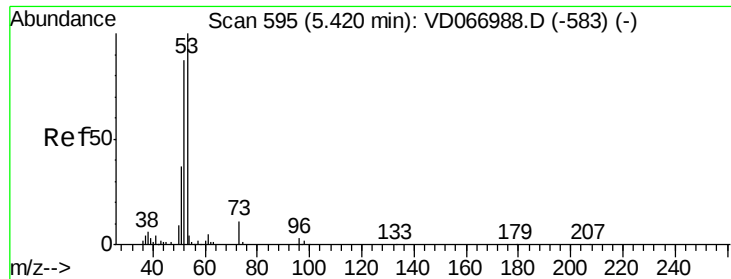
Ion Ratio Lower Upper

41 100

39 70.9 56.2 84.2

76 45.9 34.2 51.2





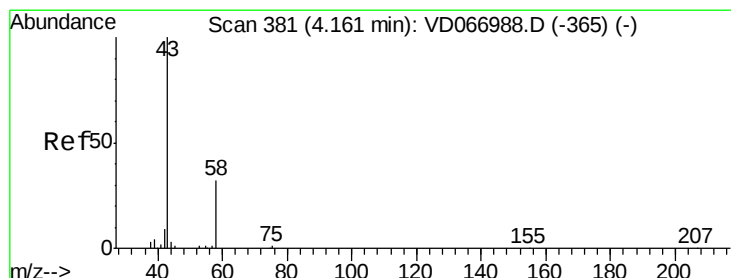
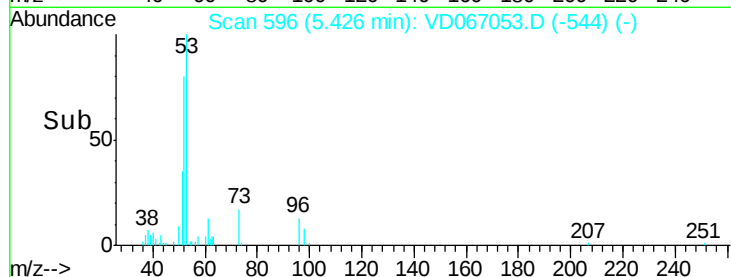
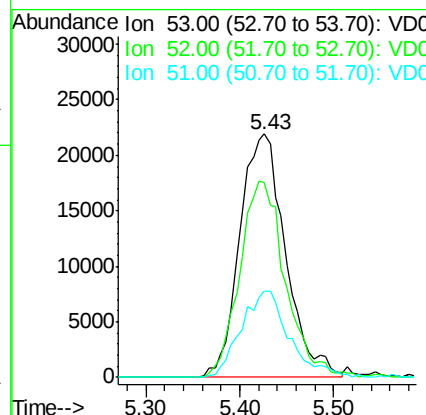
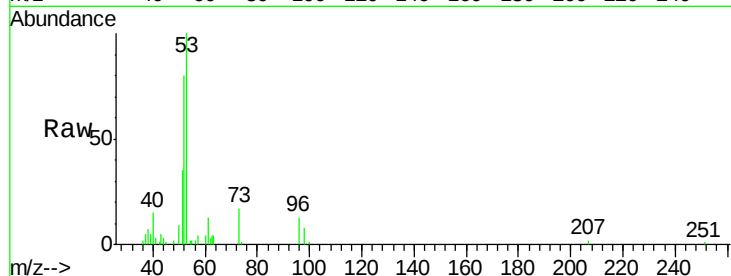
#15
 Acrylonitrile
 Concen: 112.248 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion:	53	Resp:	73927
Ion	Ratio	Lower	Upper
53	100		
52	80.3	67.3	100.9
51	37.4	30.2	45.2

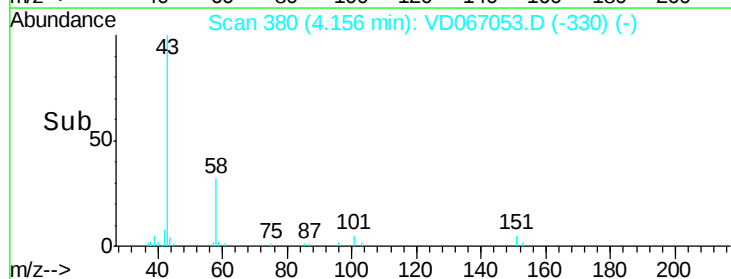
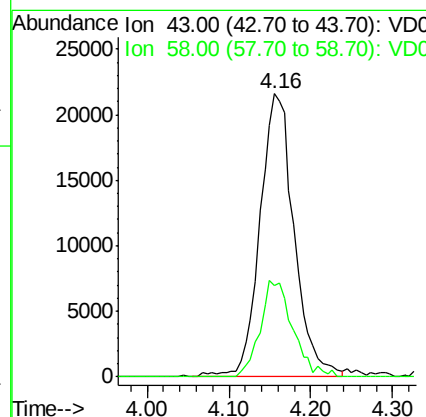
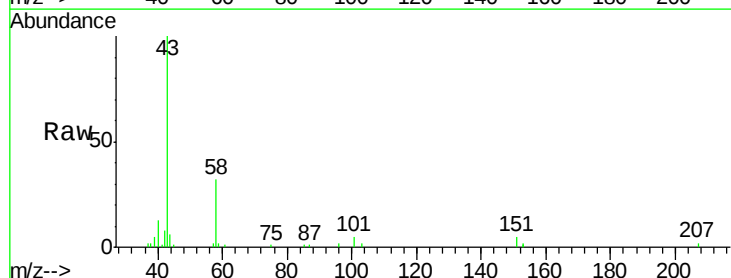
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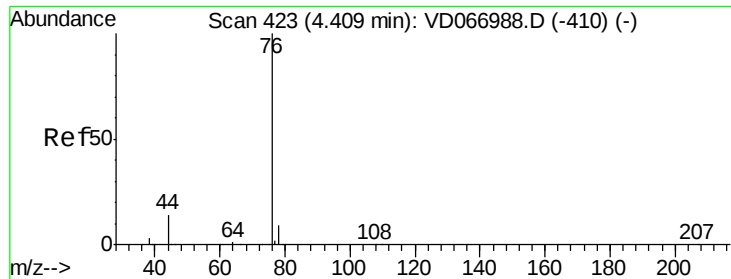
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#16
 Acetone
 Concen: 104.913 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion:	43	Resp:	62743
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.9	38.9





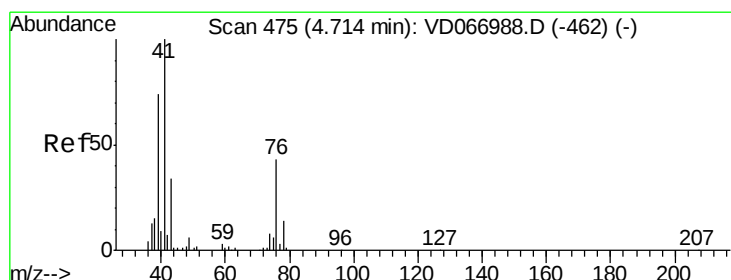
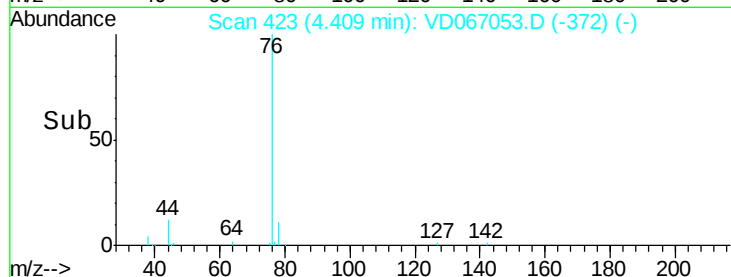
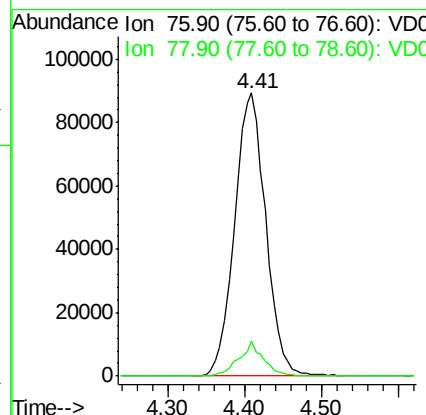
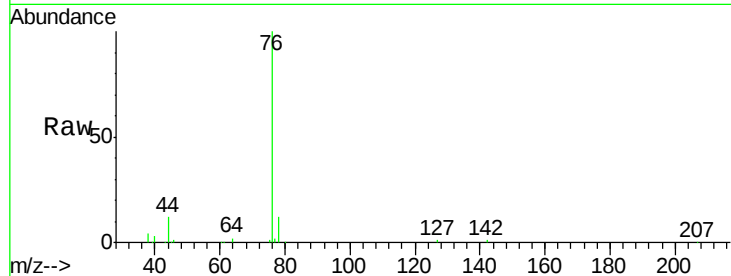
#17
Carbon Disulfide
Concen: 21.464 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 76 Resp: 252571
Ion Ratio Lower Upper
76 100
78 12.5 7.5 11.3#

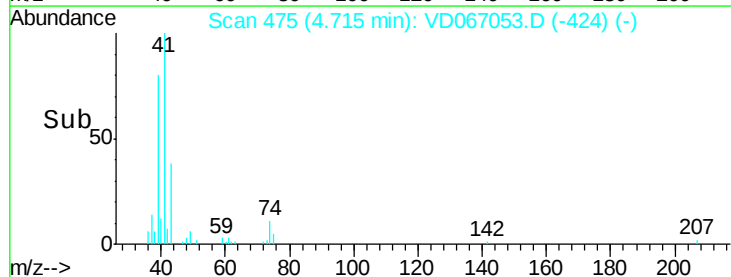
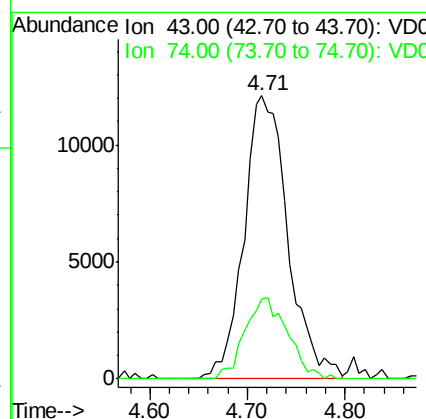
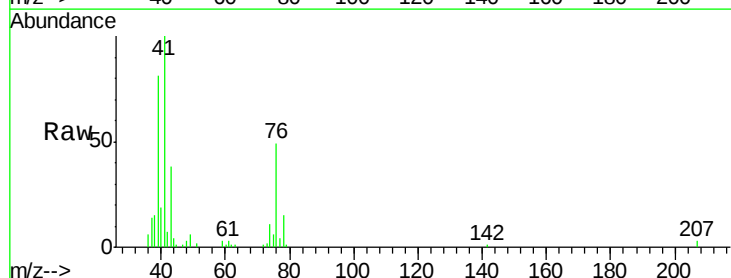
Manual Integrations
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#18
Methyl Acetate
Concen: 25.388 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 43 Resp: 38160
Ion Ratio Lower Upper
43 100
74 27.7 21.5 32.3





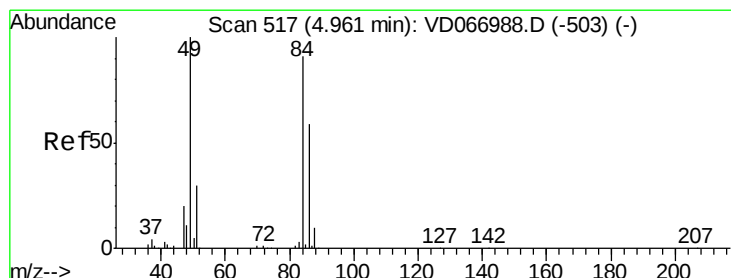
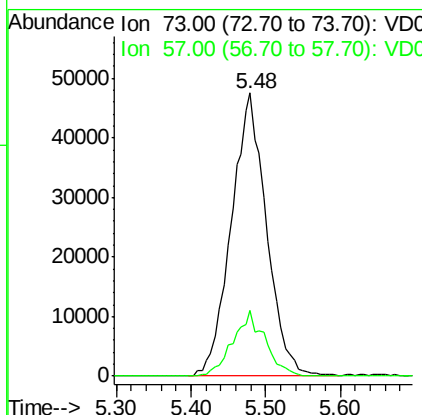
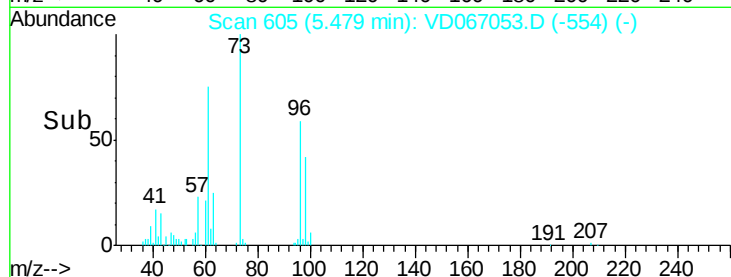
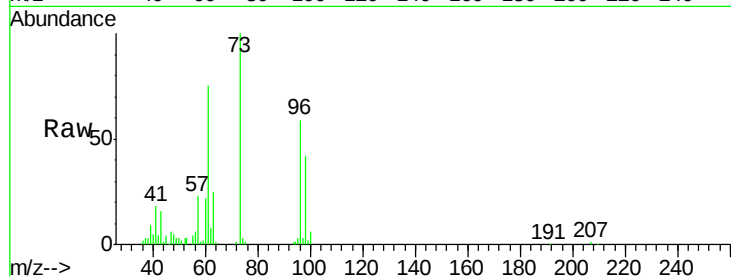
#19
Methyl tert-butyl Ether
Concen: 22.286 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 73 Resp: 155994
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

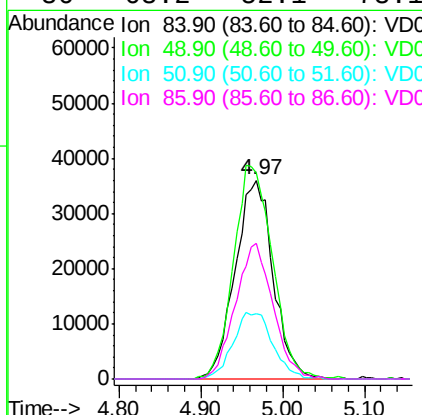
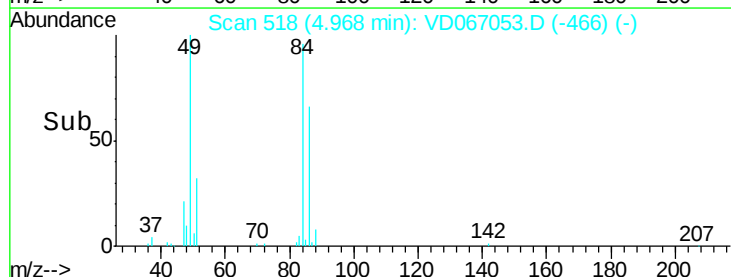
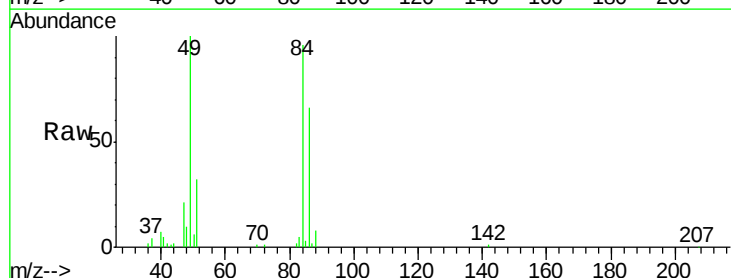
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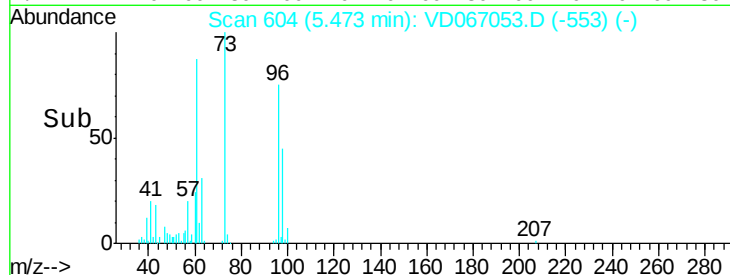
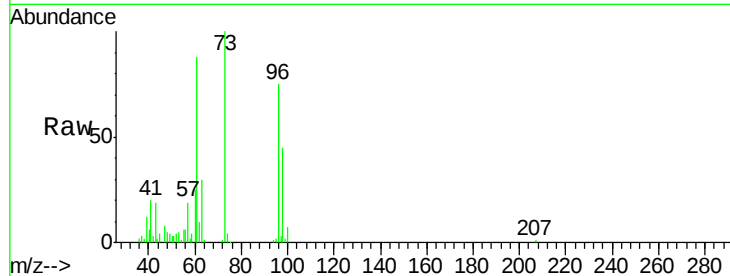
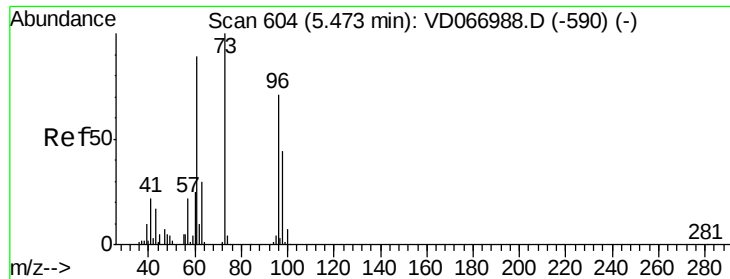
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#20
Methylene Chloride
Concen: 23.691 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 84 Resp: 116787
Ion Ratio Lower Upper
84 100
49 103.6 88.2 132.2
51 33.0 26.6 39.8
86 68.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 22.333 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tot Ion:	96	Resp:	97452
Ion	Ratio	Lower	Upper
96	100		
61	117.3	99.6	149.4
98	60.6	49.4	74.2

Instrument :

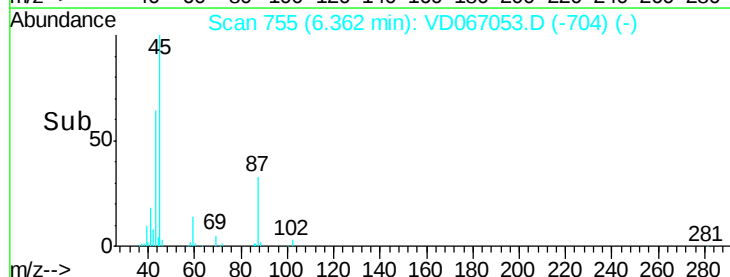
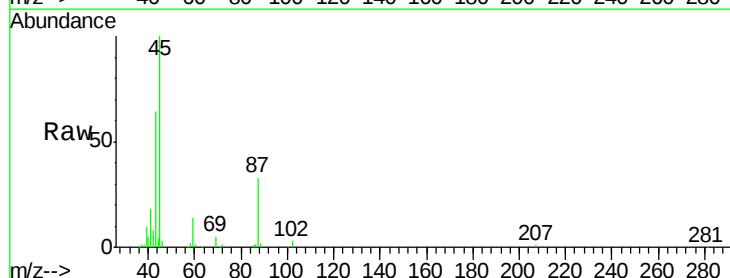
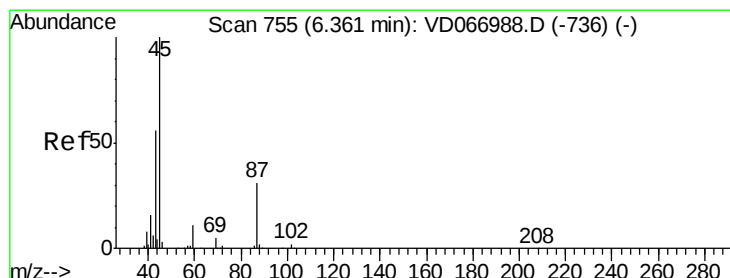
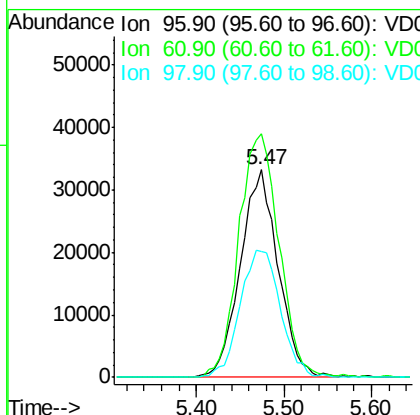
MSVOA_D

ClientSampleId :

VD1002SBS02

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#22

Diisopropyl ether

Concen: 23.018 ug/l

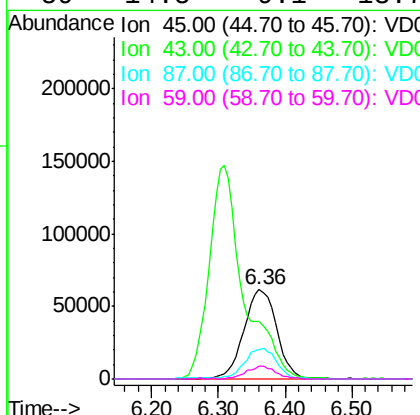
RT: 6.36 min Scan# 755

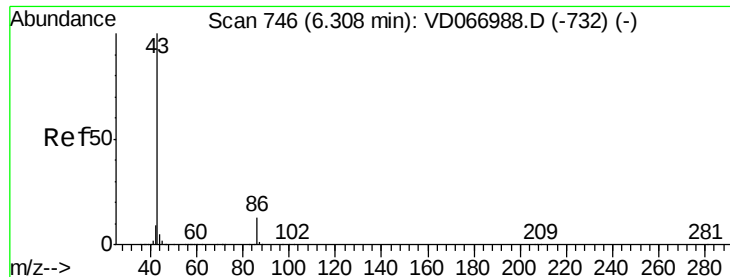
Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:	45	Resp:	209315
Ion	Ratio	Lower	Upper
45	100		
43	63.9	45.2	67.8
87	32.3	25.6	38.4
59	14.5	9.1	13.7#





#23

Vinyl Acetate

Concen: 102.934 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 43 Resp: 530426

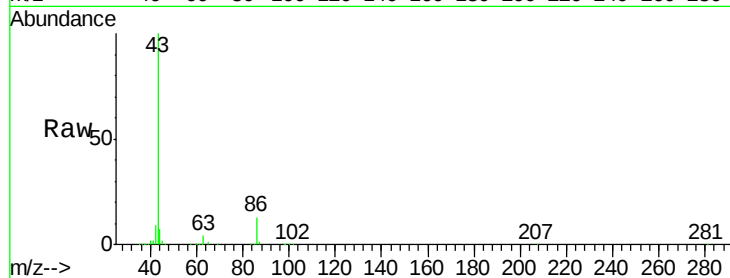
Ion Ratio Lower Upper

43 100

86 13.0 10.2 15.2

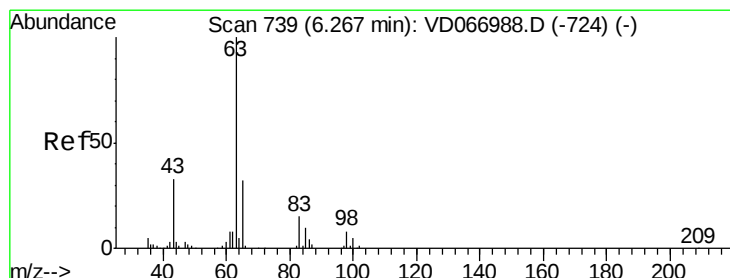
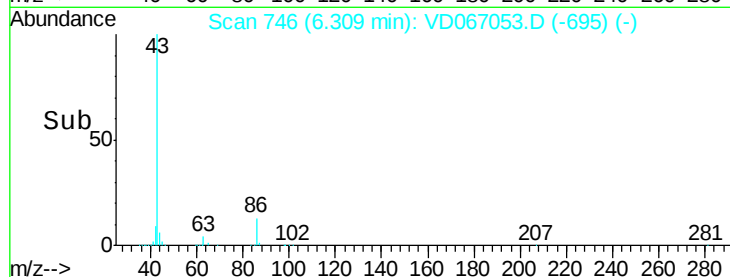
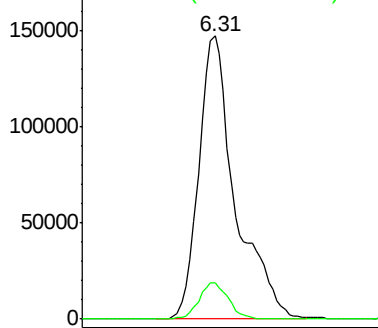
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.810 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

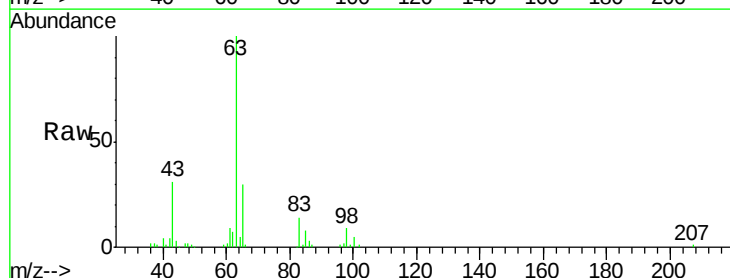
Tgt Ion: 63 Resp: 160082

Ion Ratio Lower Upper

63 100

98 9.2 4.2 12.6

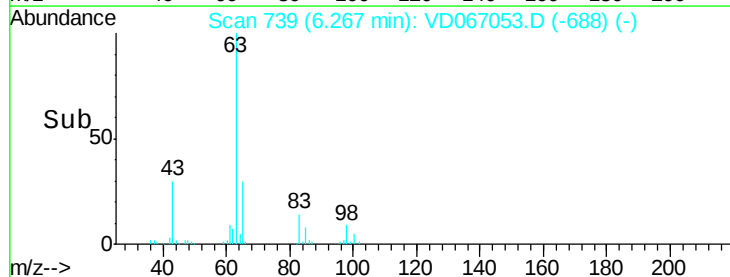
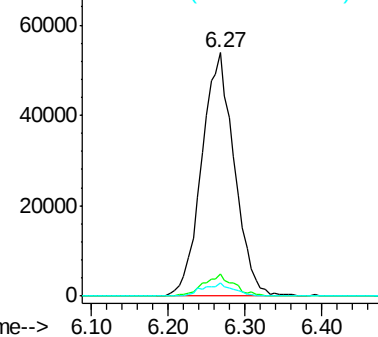
100 5.4 2.6 7.8

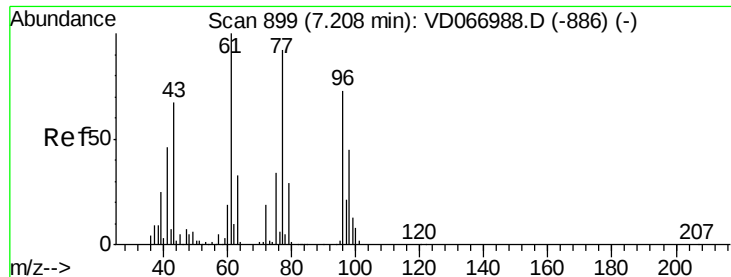


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 106.280 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 43 Resp: 90114

Ion Ratio Lower Upper

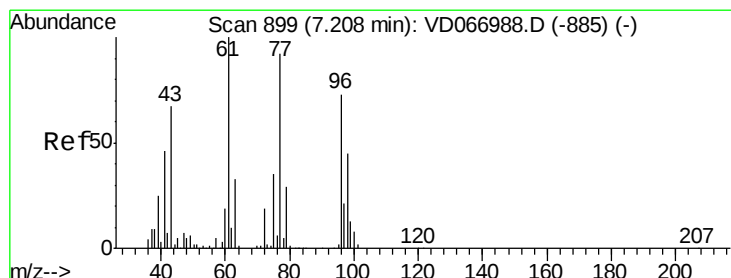
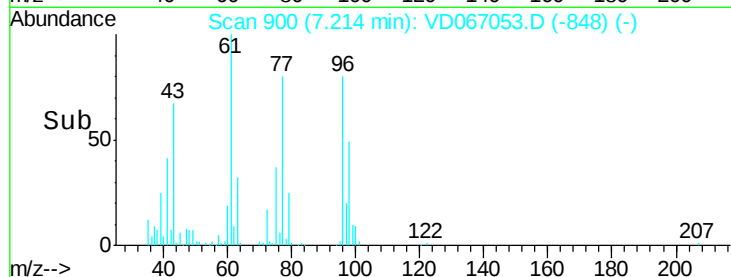
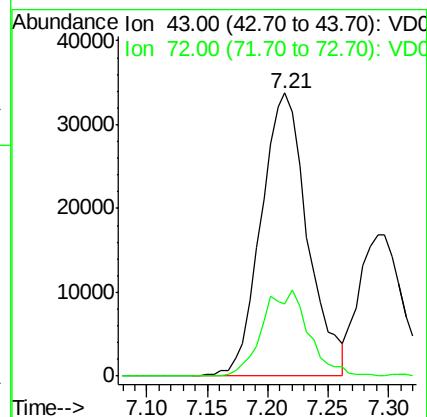
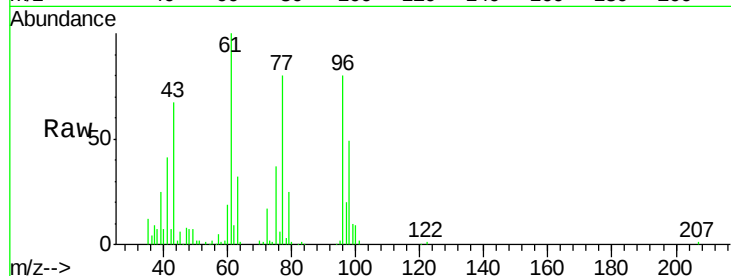
43 100

72 25.4 22.8 34.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.020 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067053.D

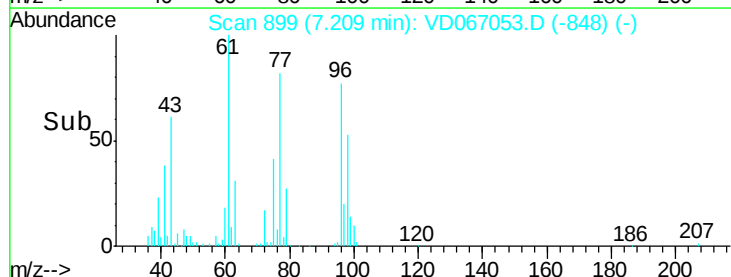
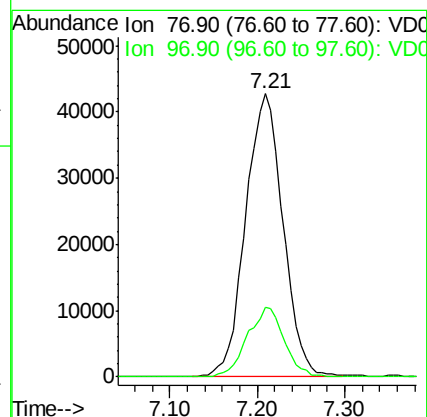
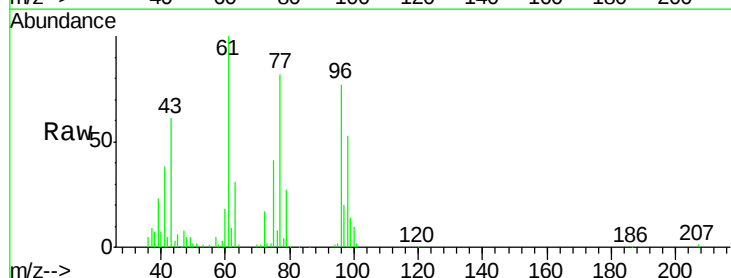
Acq: 03 Oct 2020 00:37

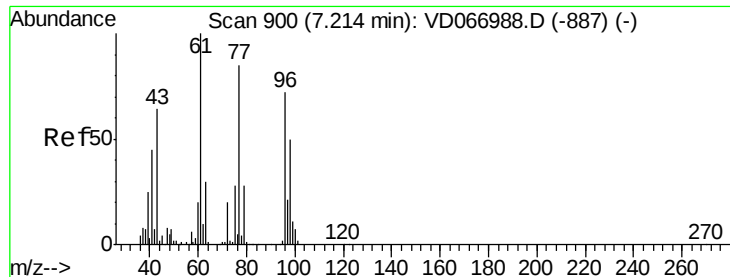
Tgt Ion: 77 Resp: 123975

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.2





#27

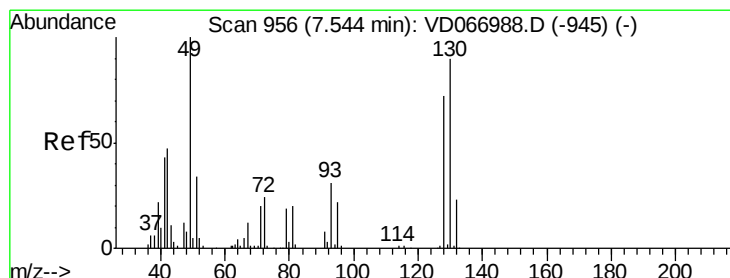
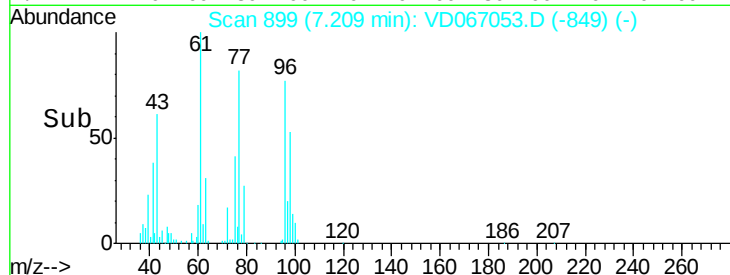
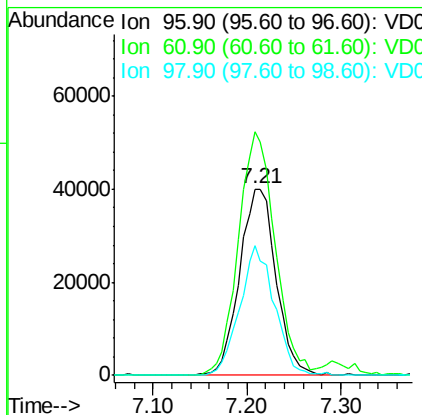
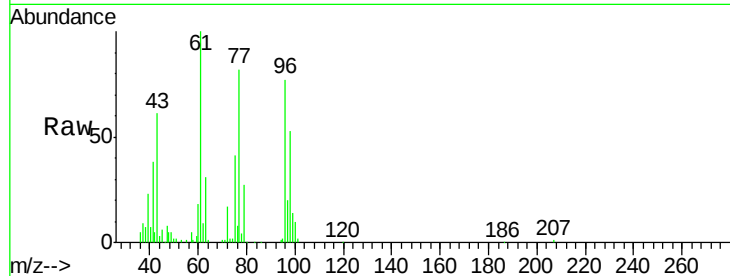
cis-1,2-Dichloroethene
Concen: 23.116 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.6	0.0	269.2	
98	66.0	0.0	129.4	

Manual Integrations
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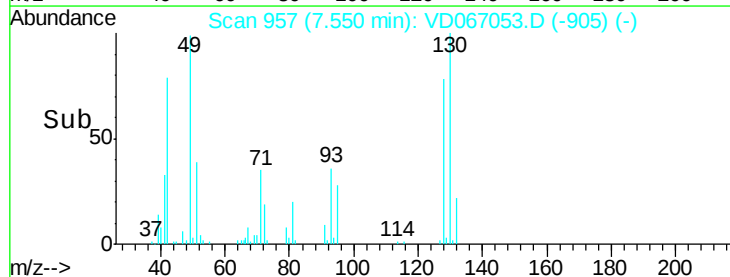
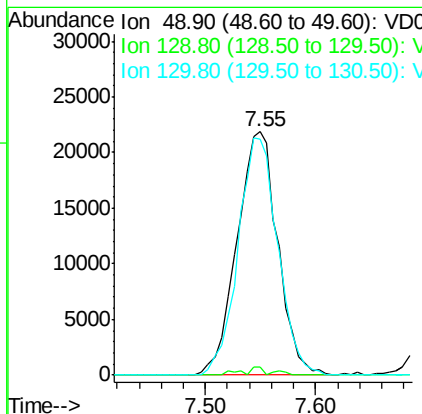
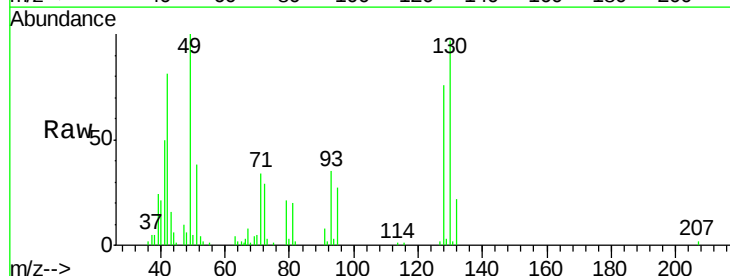
MMDadoda
10/5/2020 5:34:35 PM

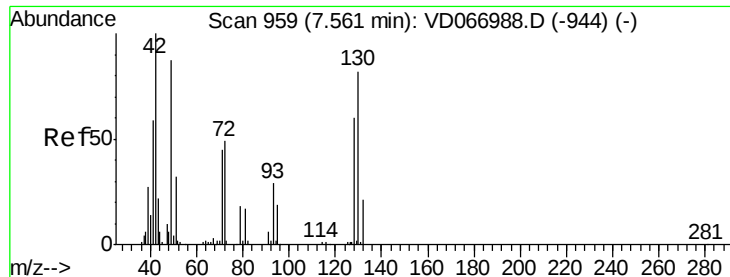


#28

Bromochloromethane
Concen: 20.846 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	4.6	
130	95.0	74.1	111.1	





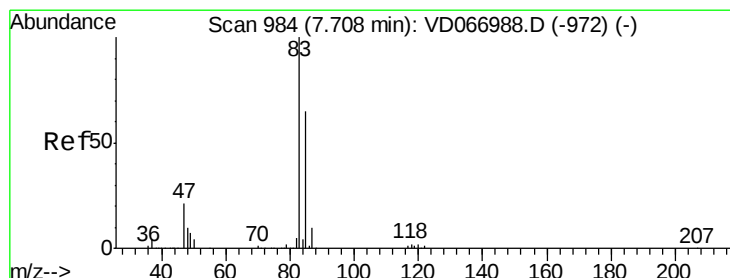
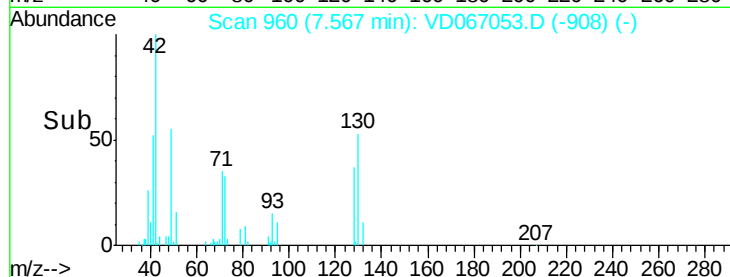
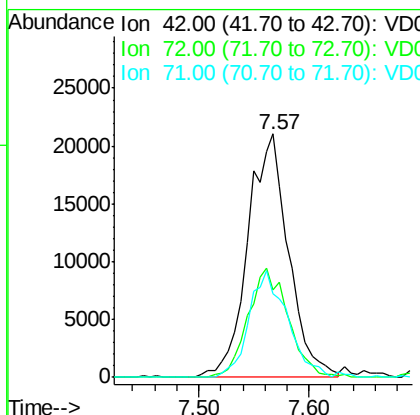
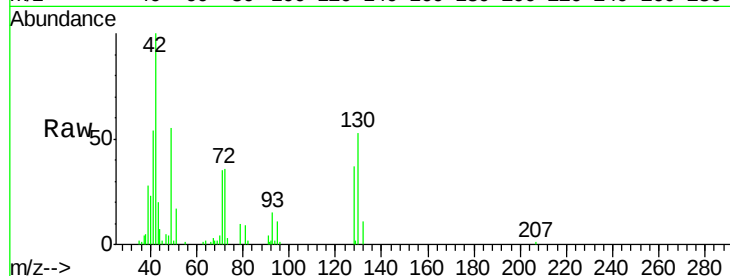
#29
Tetrahydrofuran
Concen: 111.566 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	39.1	58.7
71	41.2	34.2	51.4

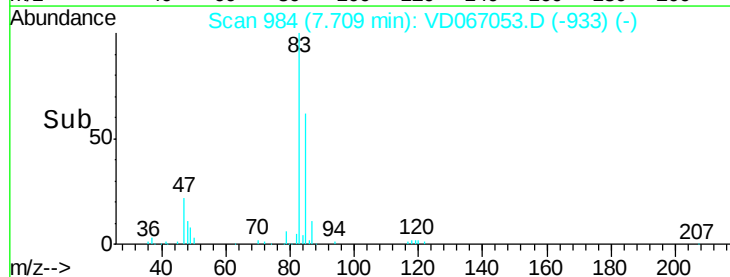
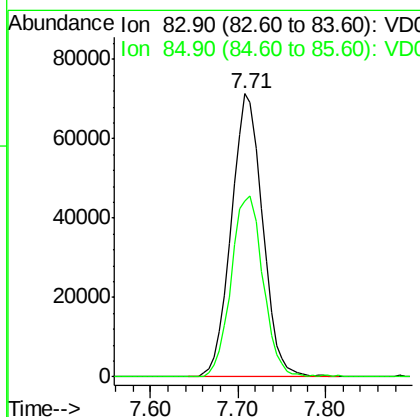
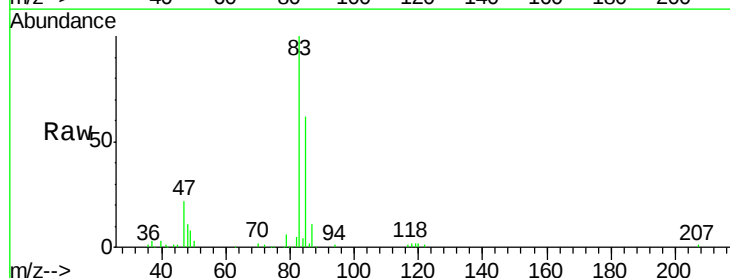
Manual Integrations
APPROVED

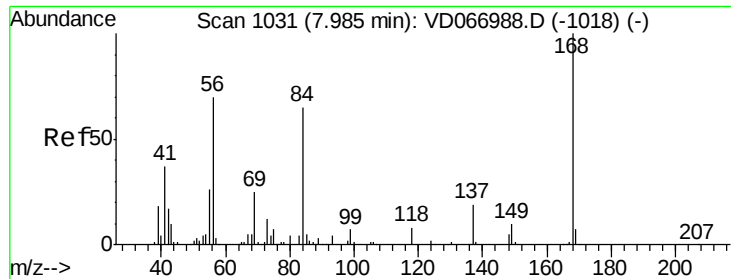
MMDadoda
10/5/2020 5:34:35 PM



#30
Chloroform
Concen: 22.705 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.3	78.5





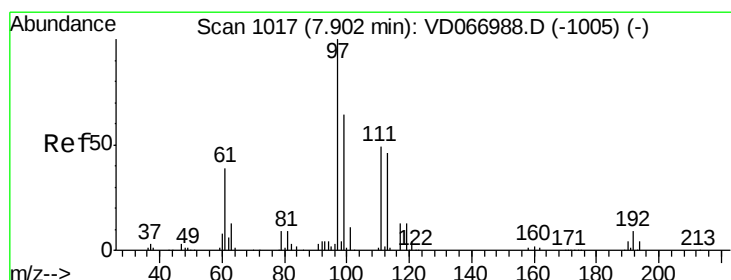
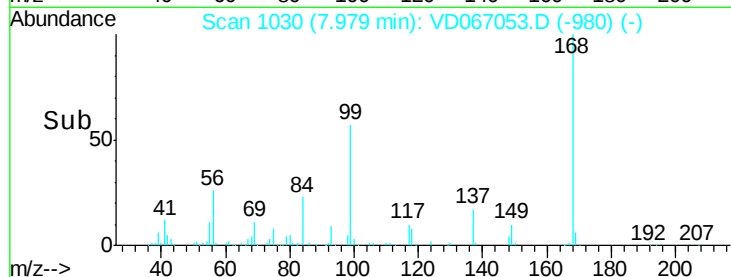
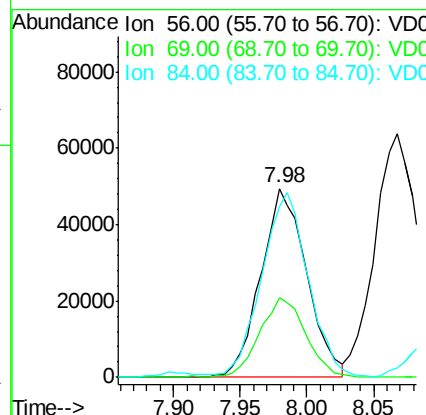
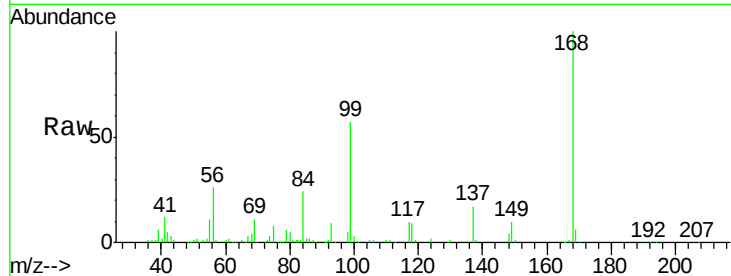
#31
Cyclohexane
Concen: 20.076 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.7	29.0	43.6
84	88.9	74.2	111.2

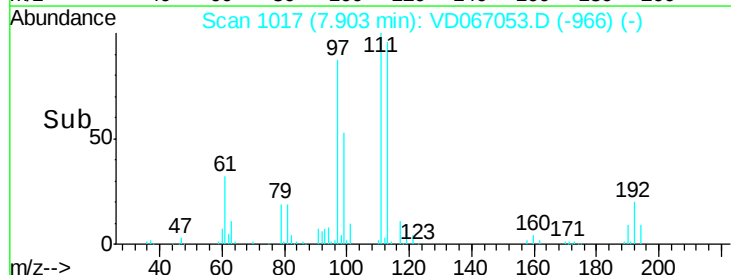
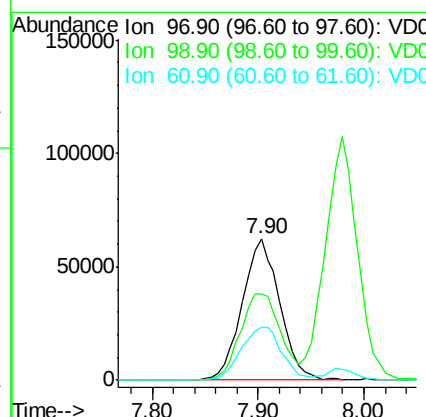
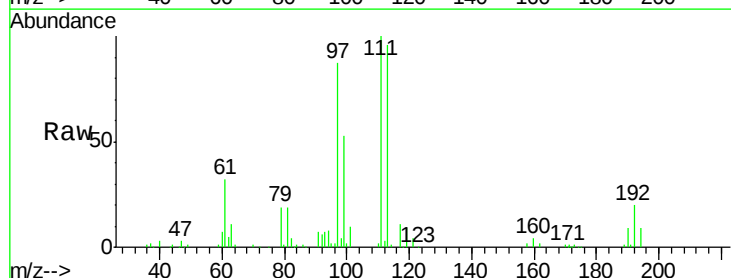
Manual Integrations
APPROVED

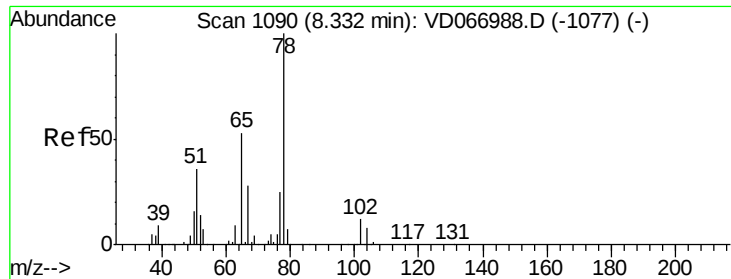
MMDadoda
10/5/2020 5:34:35 PM



#32
1,1,1-Trichloroethane
Concen: 21.721 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.6	78.8
61	40.7	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 53.535 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 65 Resp: 209736

Ion Ratio Lower Upper

65 100

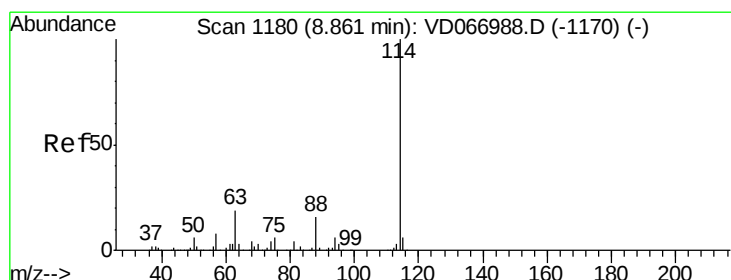
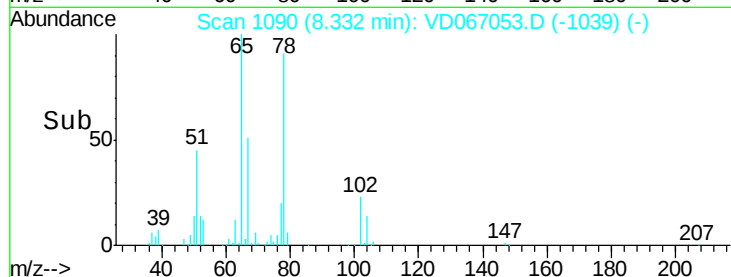
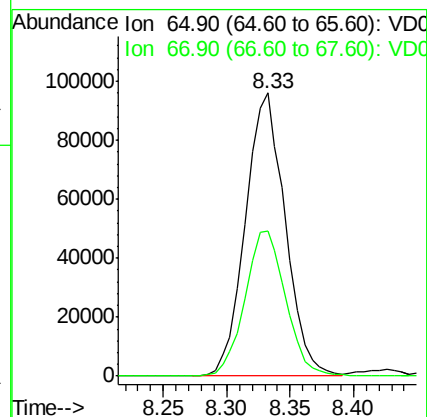
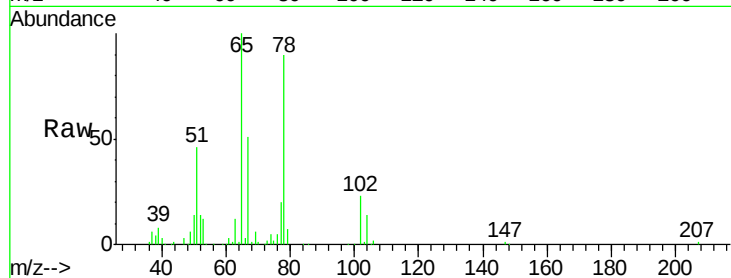
67 52.5 0.0 106.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

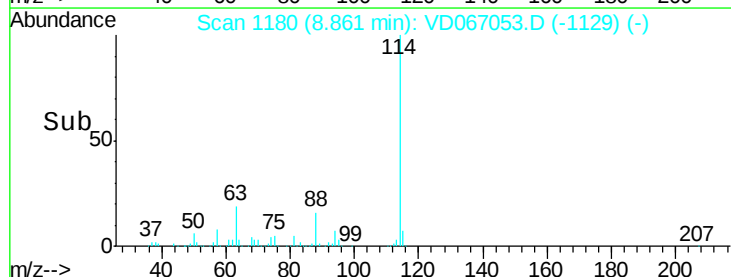
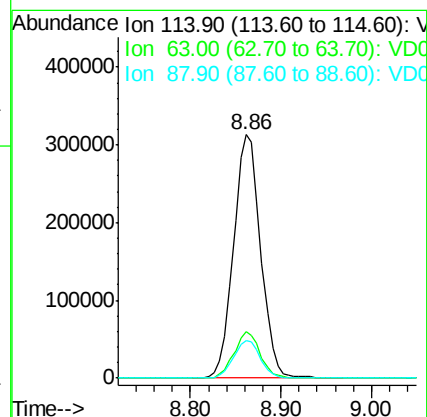
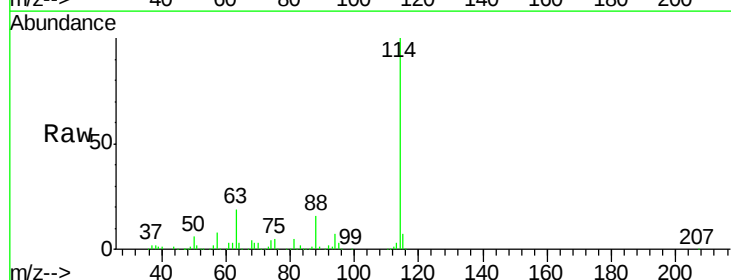
Tgt Ion: 114 Resp: 649848

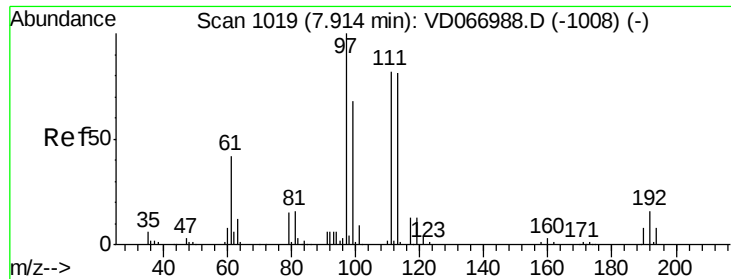
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.6 0.0 31.2





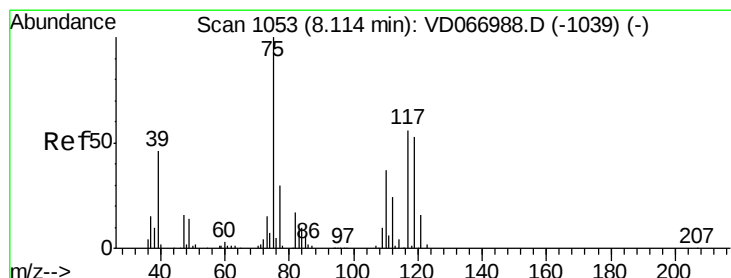
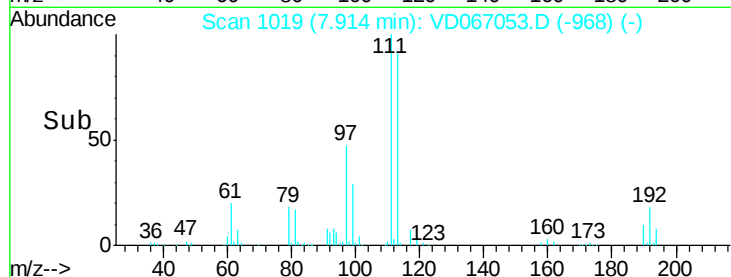
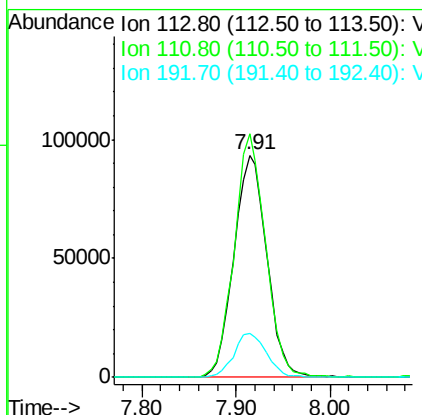
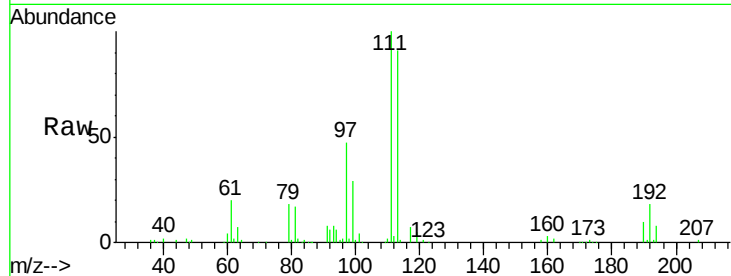
#35
 Dibromofluoromethane
 Concen: 53.329 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226885		
111	104.8	83.0	124.4	
192	19.9	15.5	23.3	

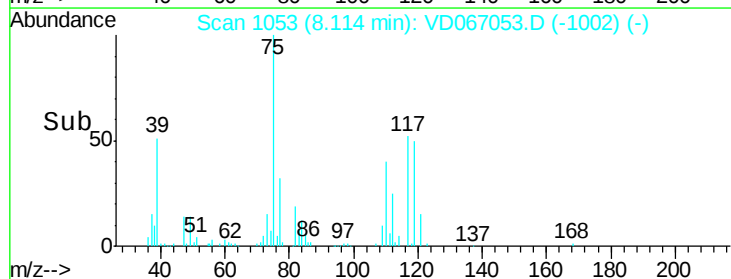
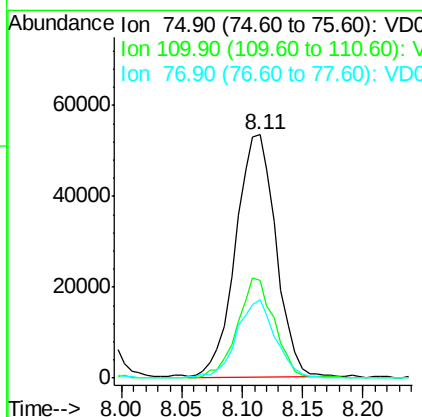
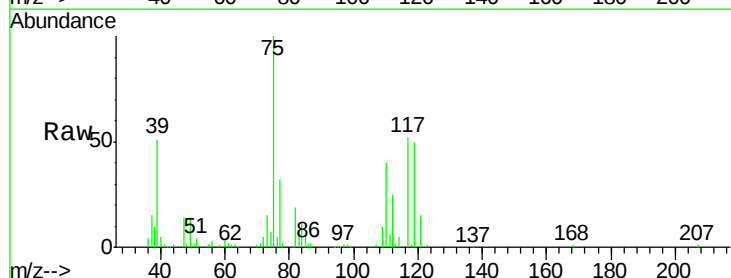
Manual Integrations
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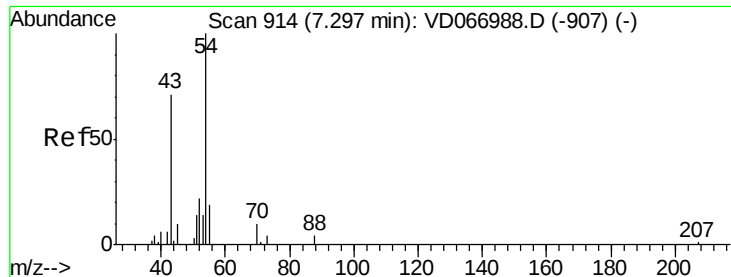
MMDadoda
 10/5/2020 5:34:35 PM



#36
 1,1-Dichloropropene
 Concen: 20.526 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124335		
110	38.2	18.4	55.0	
77	31.2	24.8	37.2	





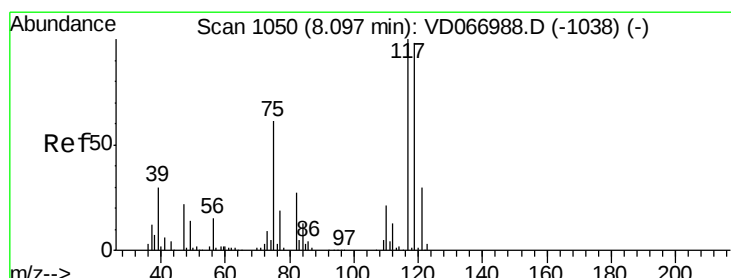
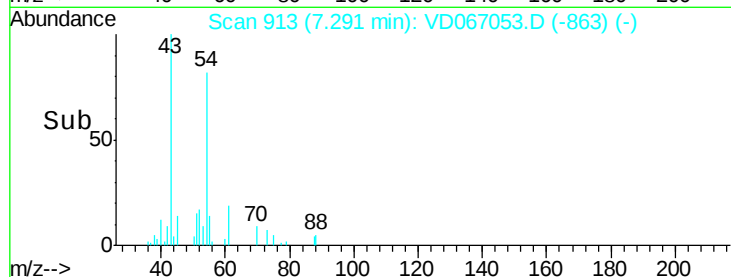
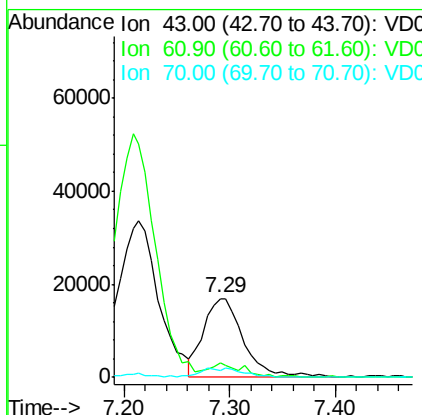
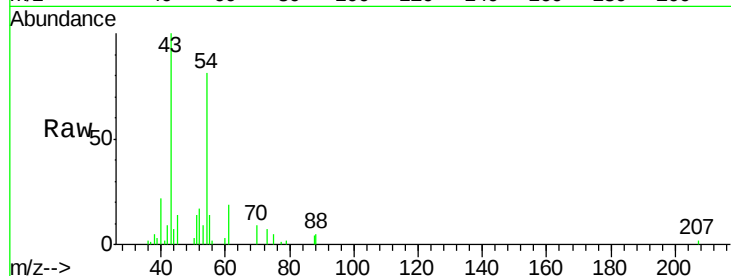
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.5	18.7
70	12.5	9.4	14.0

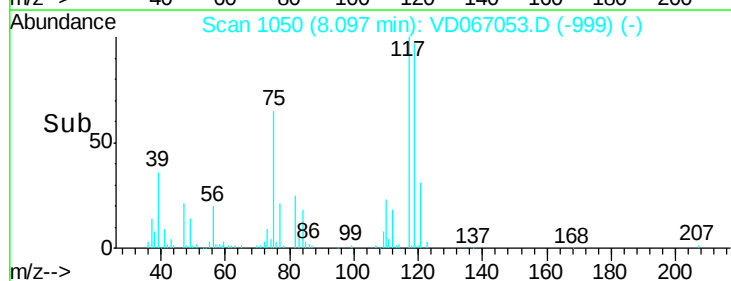
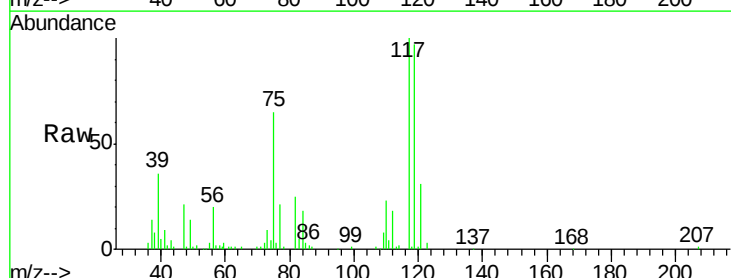
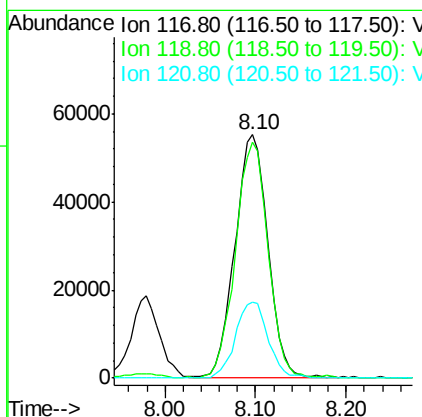
Manual Integrations
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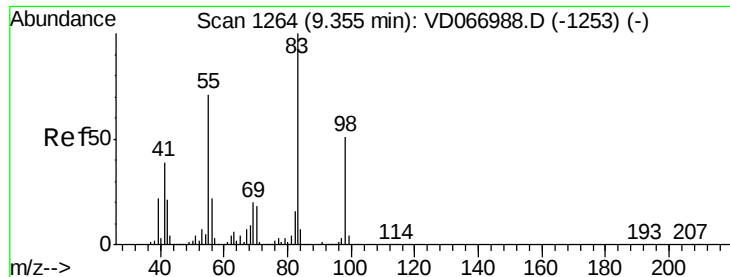
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10/5/2020 5:34:35 PM



#38
Carbon Tetrachloride
Concen: 21.351 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.7	118.1
121	31.2	24.2	36.2





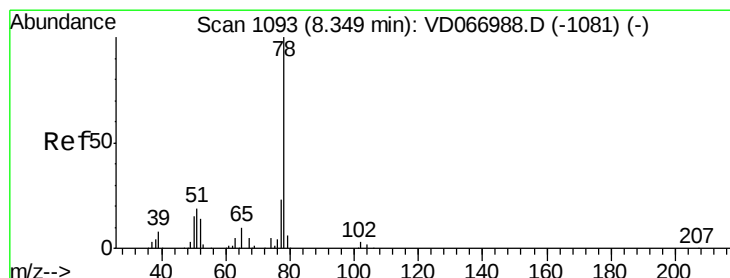
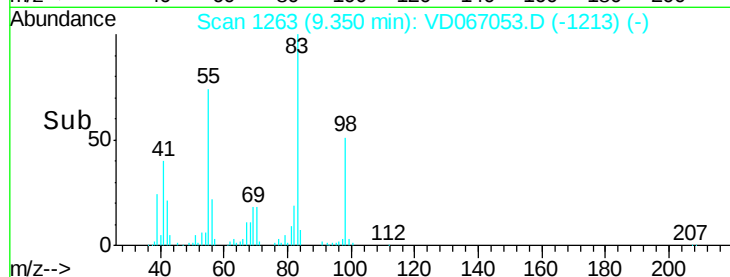
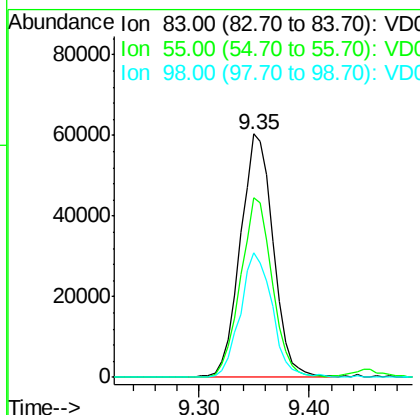
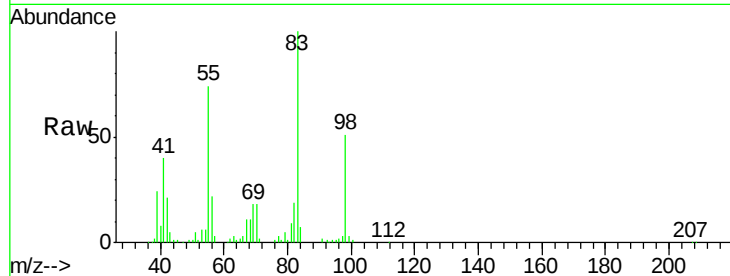
#39
Methylvlcyclohexane
Concen: 19.749 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	57.1	85.7
98	51.3	40.9	61.3

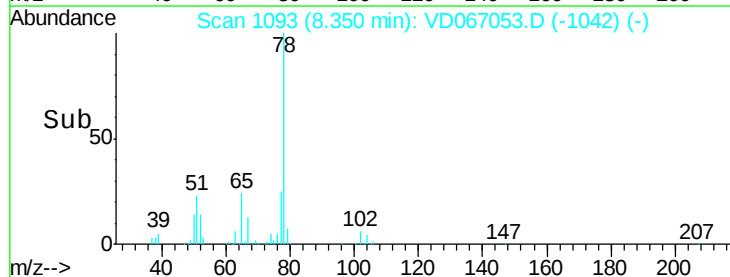
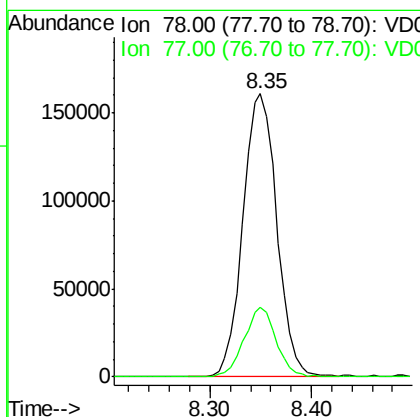
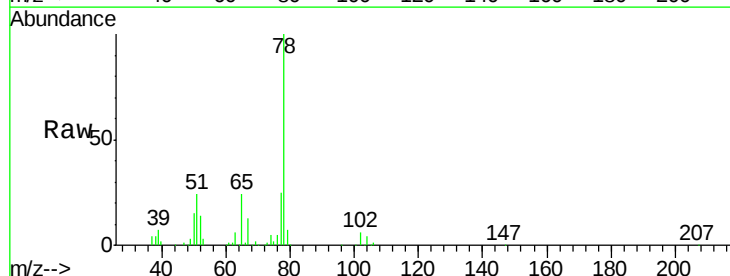
Manual Integrations
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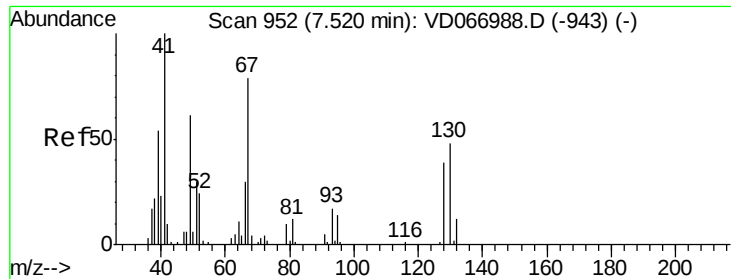
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10/5/2020 5:34:35 PM



#40
Benzene
Concen: 22.224 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.4	27.6





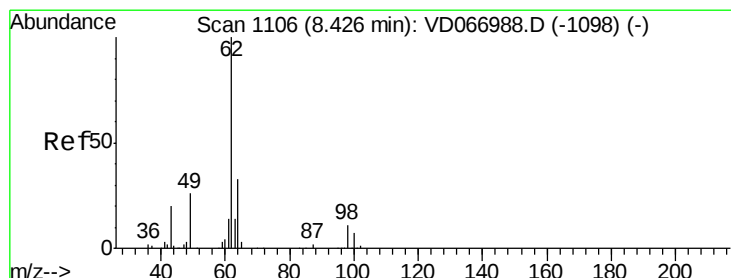
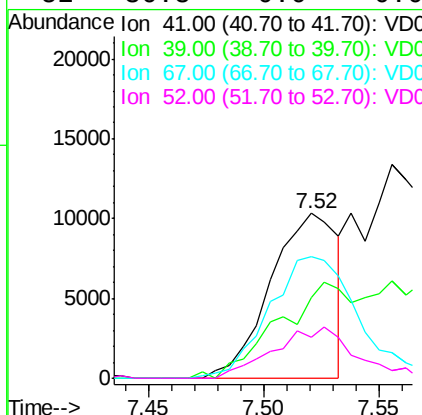
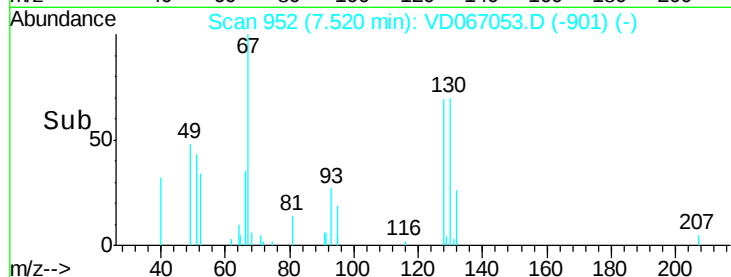
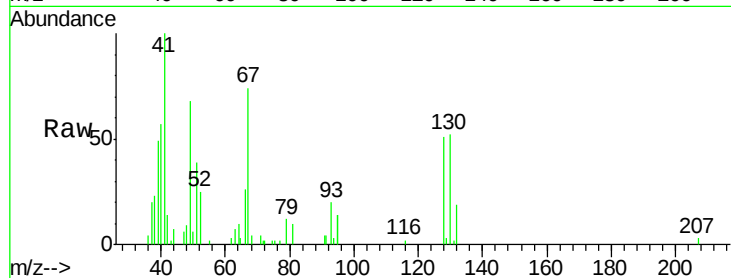
#41
Methacrylonitrile
Concen: 18.441 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.3	0.0	0.0#
67	97.1	0.0	0.0#
52	36.8	0.0	0.0#

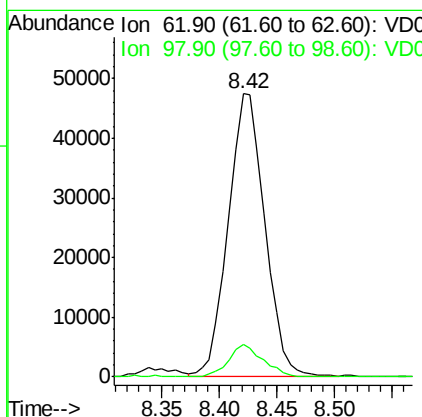
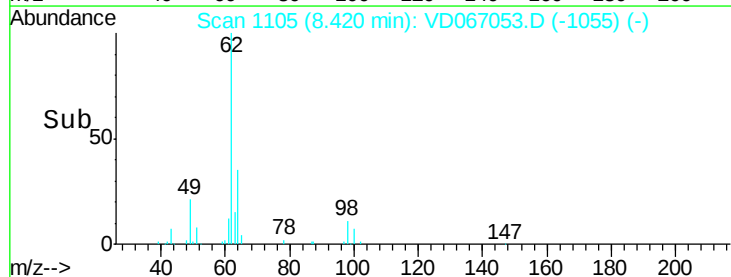
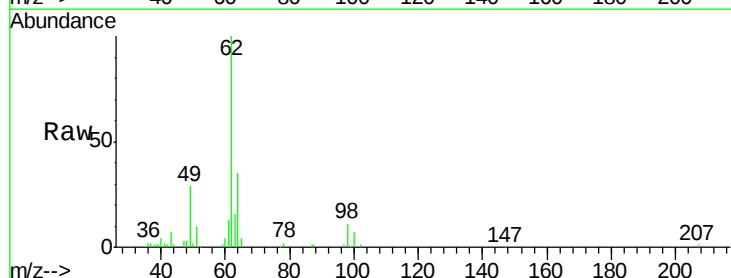
Manual Integrations
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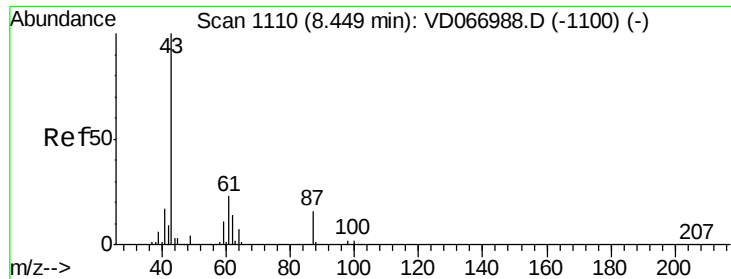
MMDadoda
10/5/2020 5:34:35 PM



#42
1,2-Dichloroethane
Concen: 22.125 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.800 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

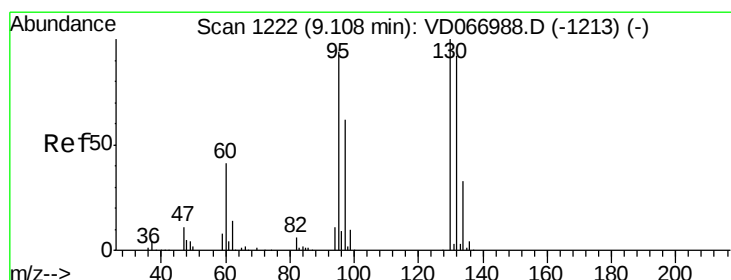
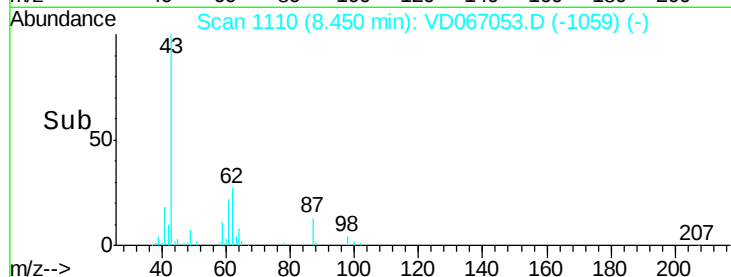
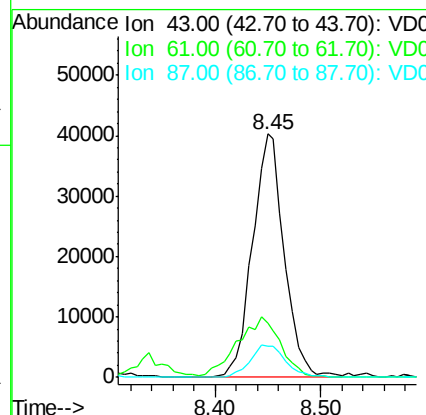
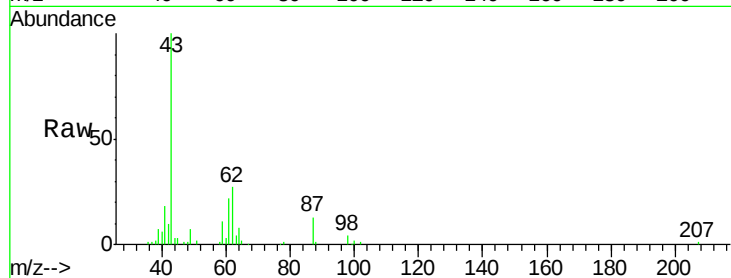
ClientSampleId :

VD1002SBS02

Tot Ion:	43	Resp:	84274
Ion	Ratio	Lower	Upper
43	100		
61	33.8	27.1	40.7
87	14.8	12.3	18.5

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#44

Trichloroethene

Concen: 22.106 ug/l

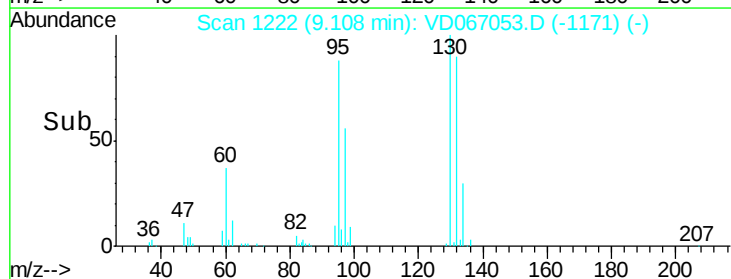
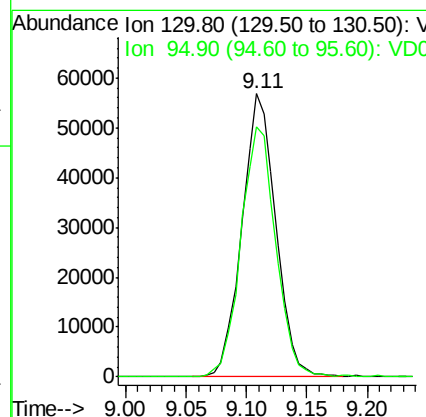
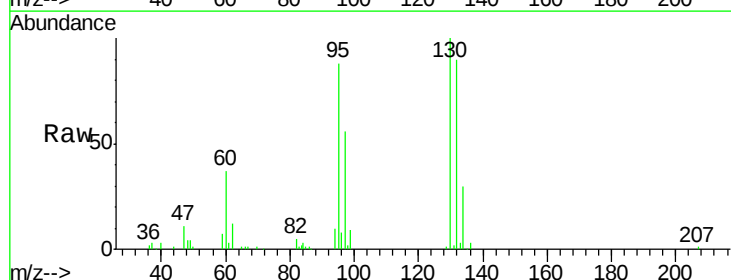
RT: 9.11 min Scan# 1222

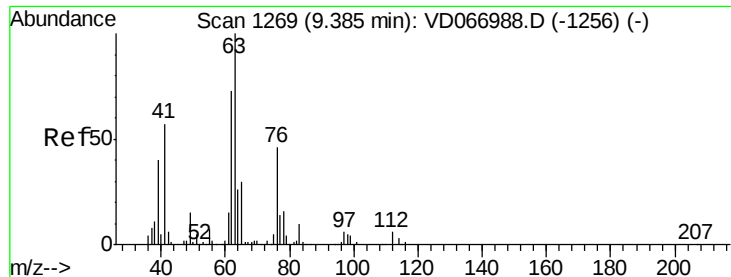
Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:	130	Resp:	111057
Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	187.8





#45

1,2-Dichloropropane

Concen: 22.558 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 63 Resp: 89176

Ion Ratio Lower Upper

63 100

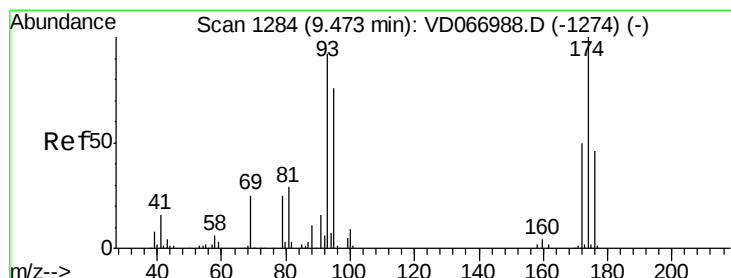
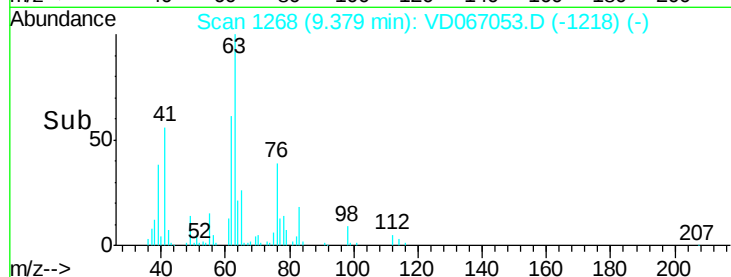
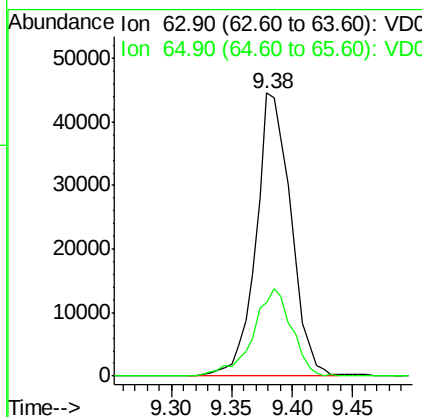
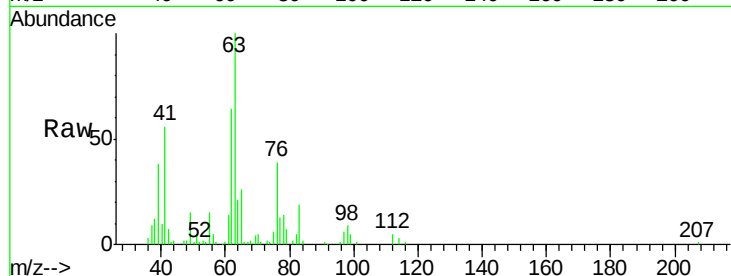
65 26.1 23.7 35.5

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#46

Dibromomethane

Concen: 22.373 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

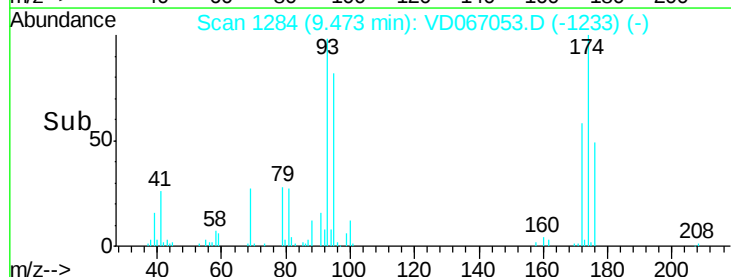
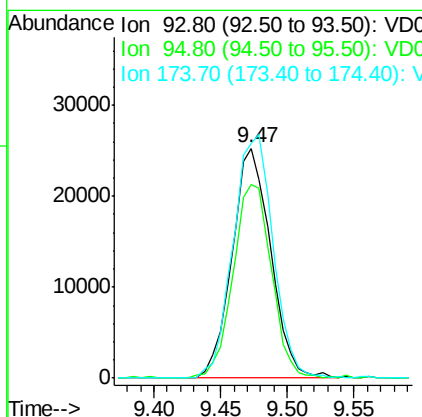
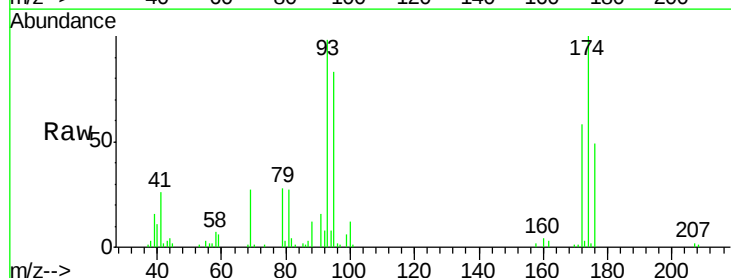
Tgt Ion: 93 Resp: 50833

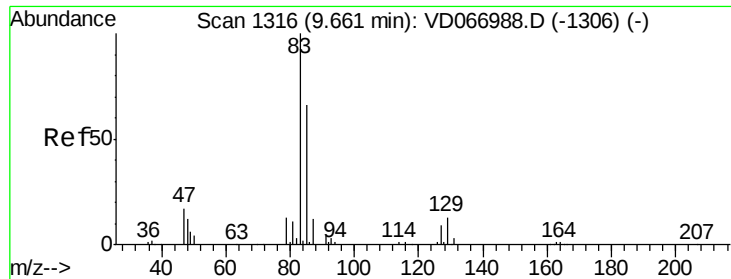
Ion Ratio Lower Upper

93 100

95 83.4 64.7 97.1

174 109.2 81.4 122.2





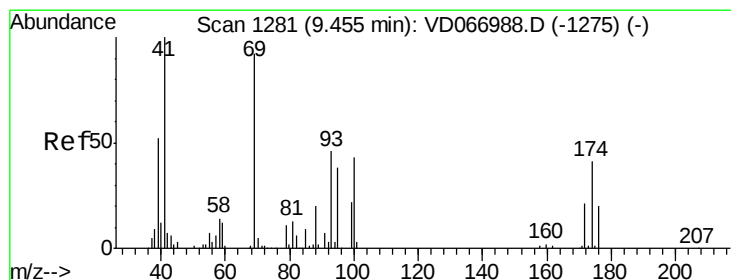
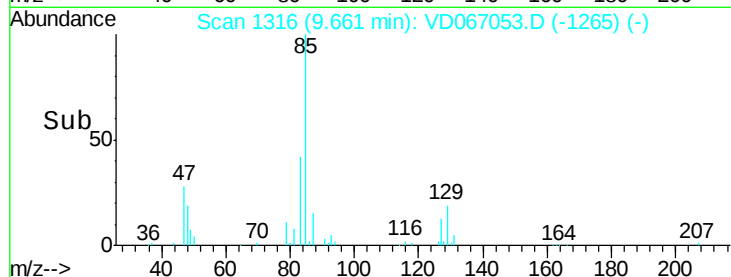
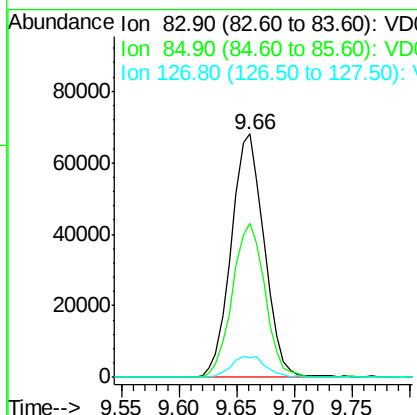
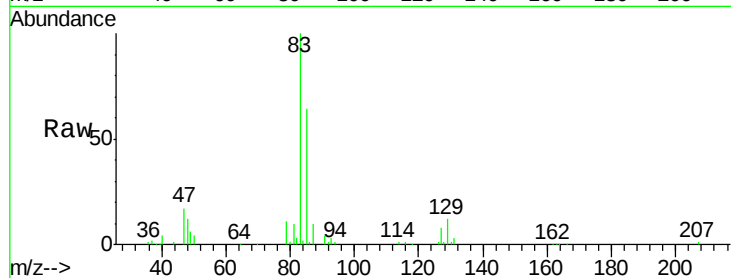
#47
Bromodichloromethane
Concen: 22.811 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	134721		
85	63.5	52.9	79.3	
127	8.2	7.3	10.9	

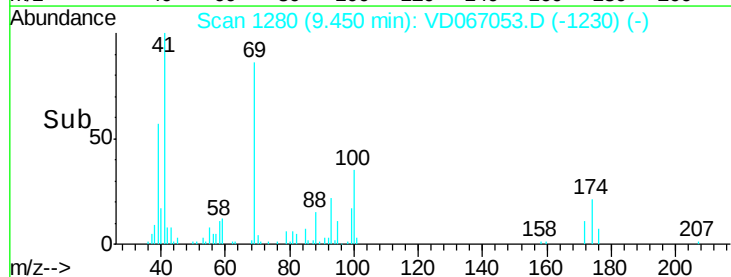
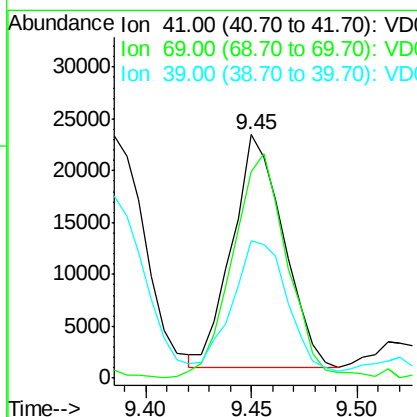
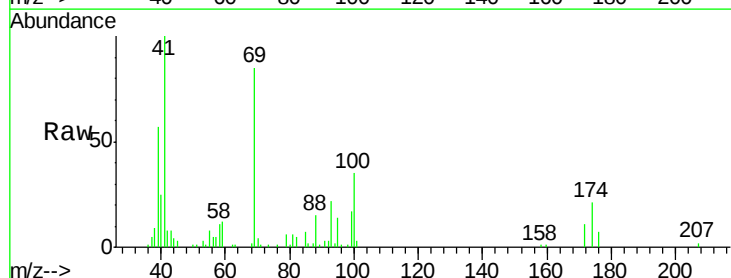
Manual Integrations
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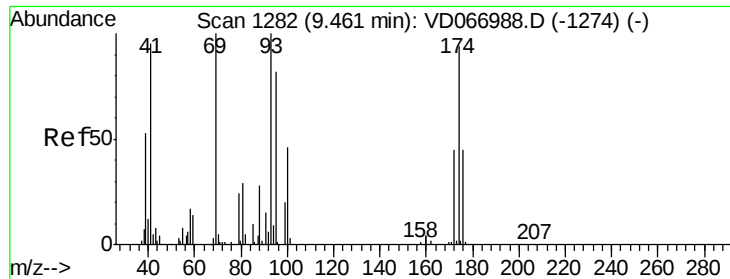
MMDadoda
10/5/2020 5:34:35 PM



#48
Methyl methacrylate
Concen: 19.204 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	38033		
69	102.4	68.5	102.7	
39	66.8	40.2	60.2#	





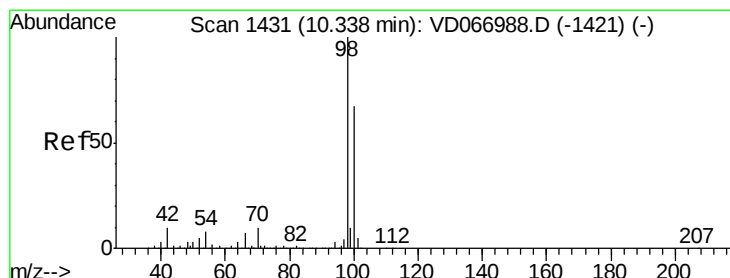
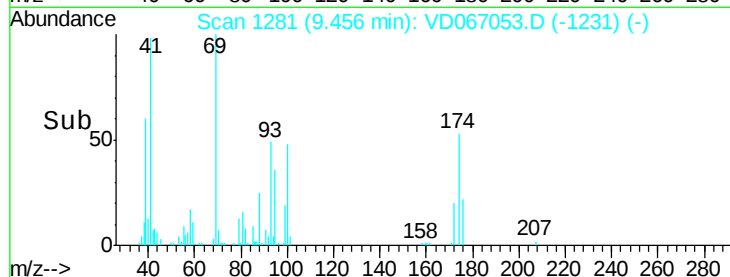
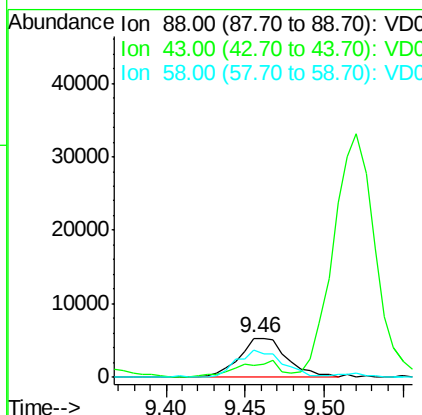
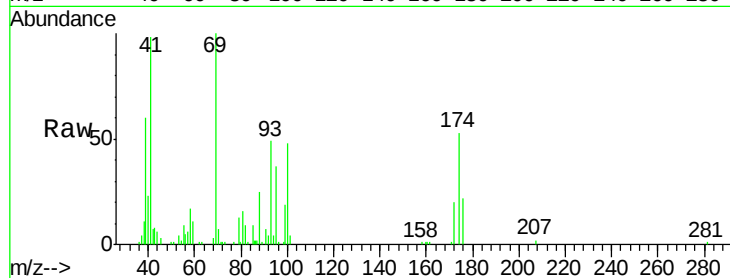
#49
1,4-Dioxane
Concen: 470.248 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	25.6	38.4
58	66.2	53.5	80.3

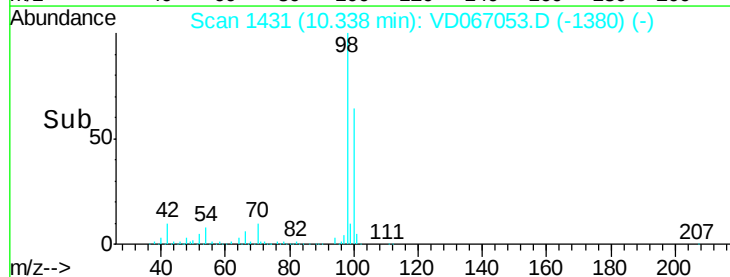
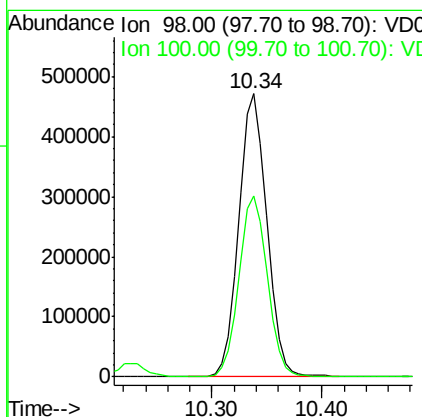
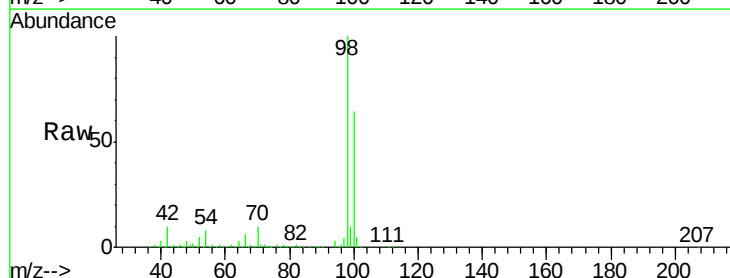
Manual Integrations
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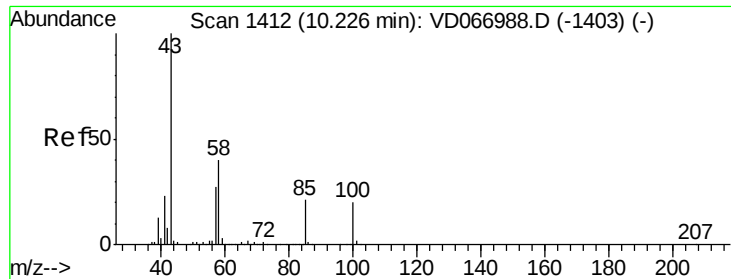
MMDadoda
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#50
Toluene-d8
Concen: 54.565 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 107.552 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 43 Resp: 207092

Ion Ratio Lower Upper

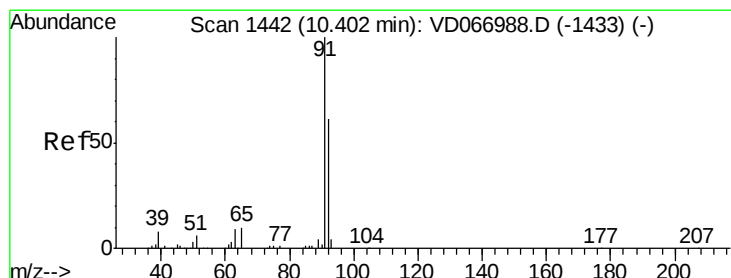
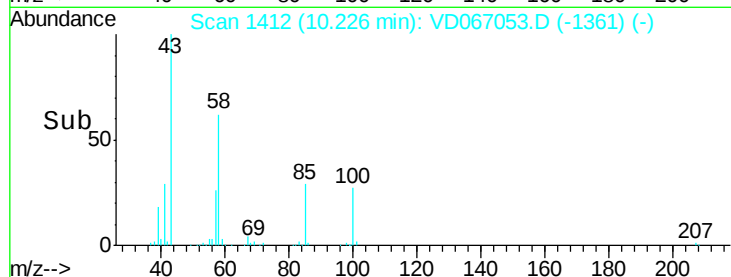
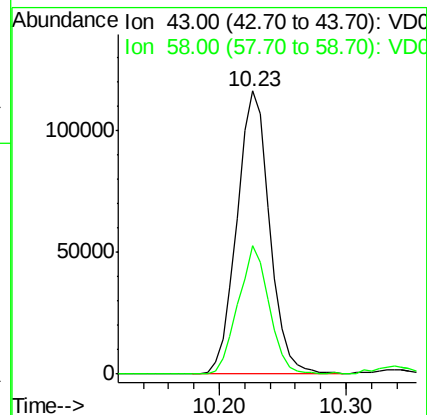
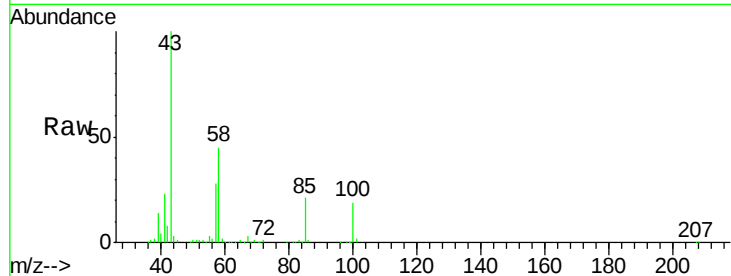
43 100

58 42.9 33.8 50.8

Manual Integrations
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#52

Toluene

Concen: 22.911 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067053.D

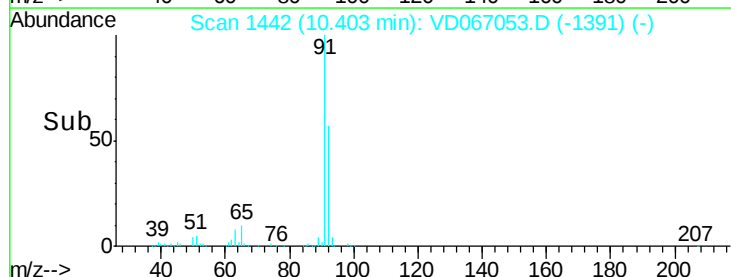
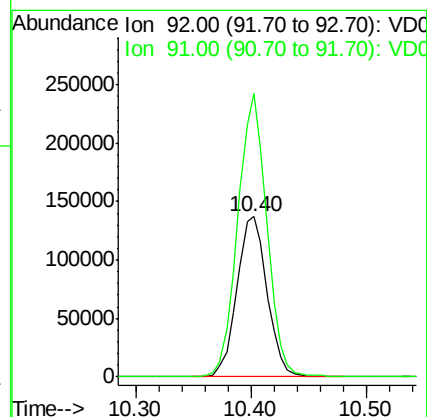
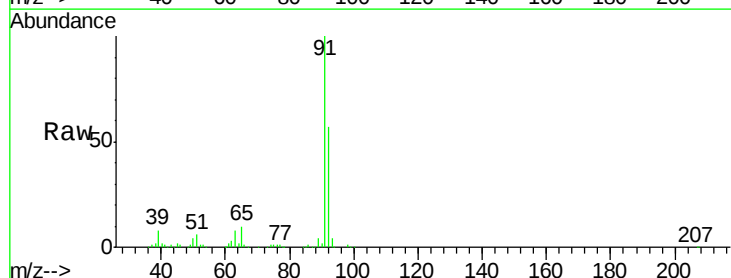
Acq: 03 Oct 2020 00:37

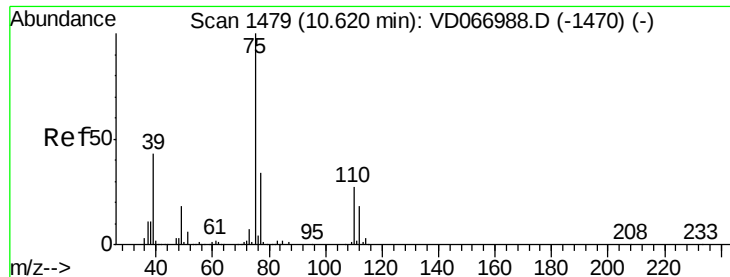
Tgt Ion: 92 Resp: 248305

Ion Ratio Lower Upper

92 100

91 170.5 135.1 202.7





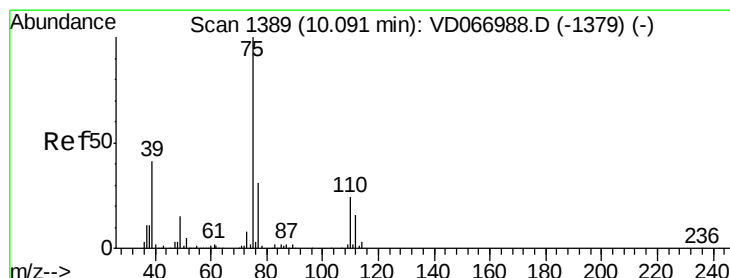
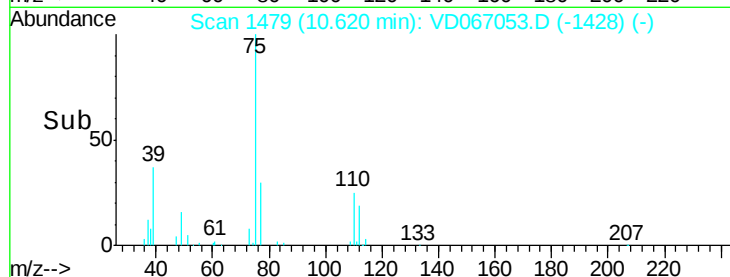
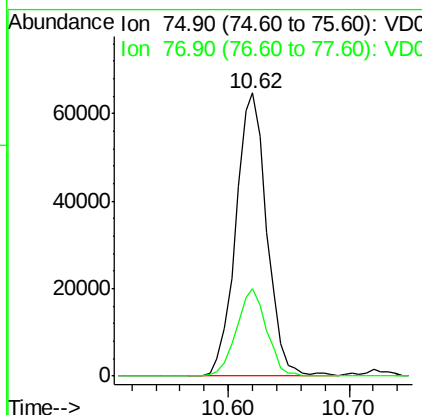
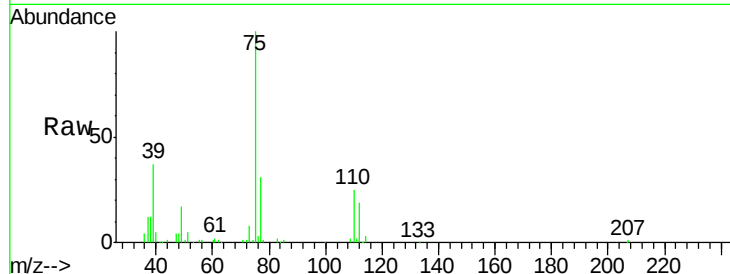
#53
t-1,3-Dichloropropene
Concen: 21.917 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 75 Resp: 115690
Ion Ratio Lower Upper
75 100
77 30.8 27.1 40.7

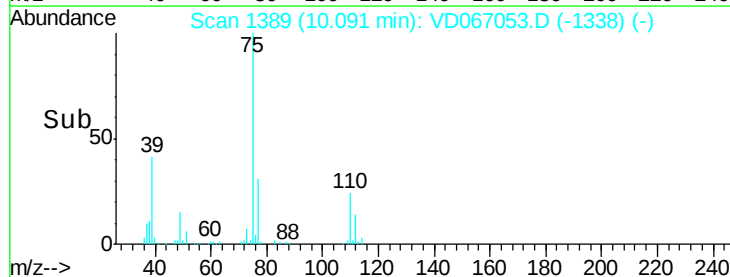
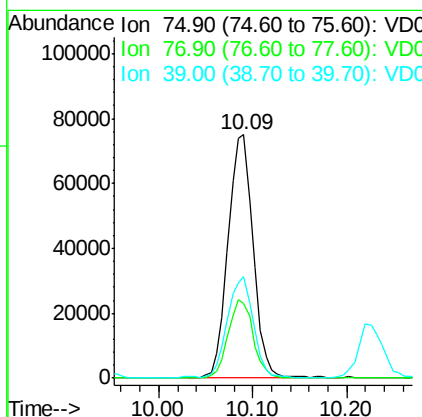
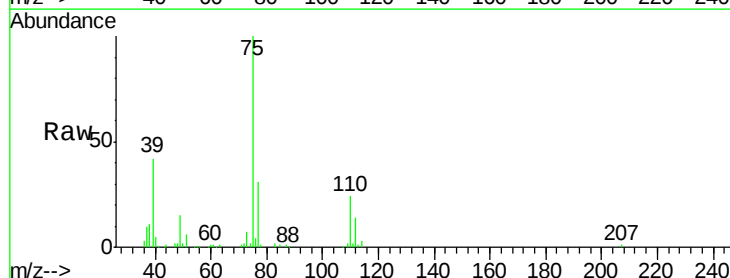
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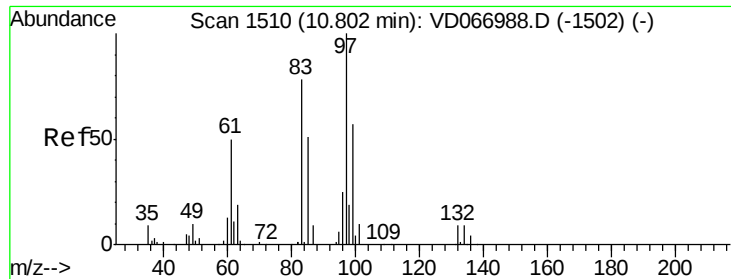
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.666 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 75 Resp: 139650
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 41.2 33.0 49.4





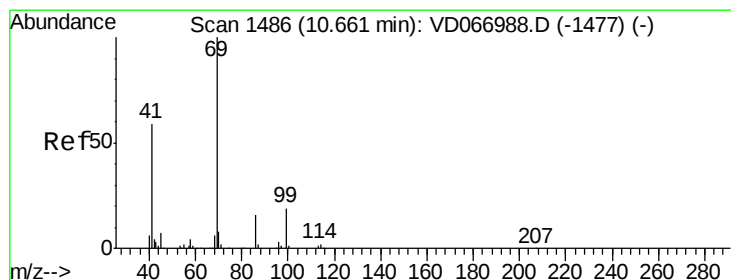
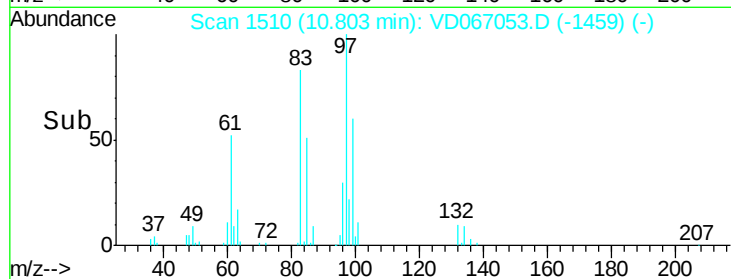
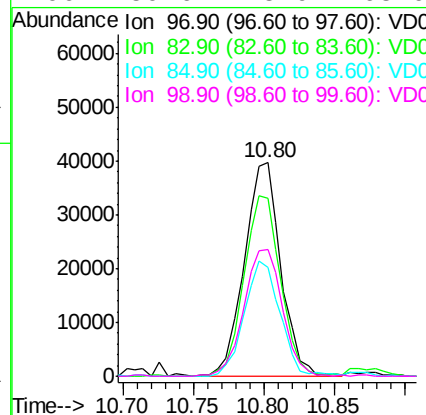
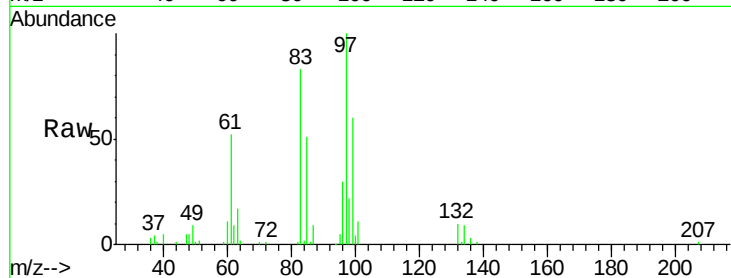
#55
 1,1,2-Trichloroethane
 Concen: 22.800 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		72021		
83	83.3	62.4	93.6		
85	51.2	41.0	61.4		
99	59.6	45.9	68.9		

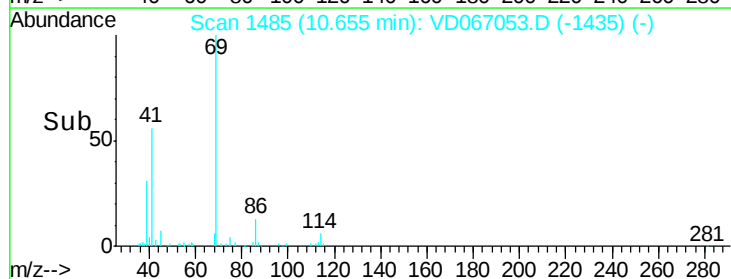
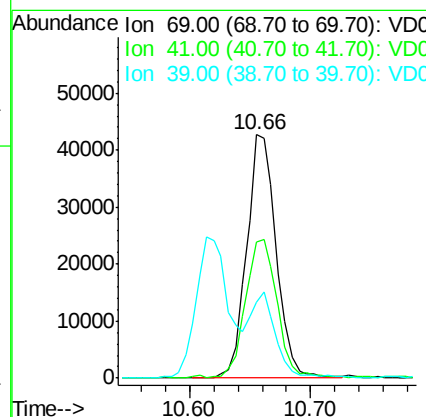
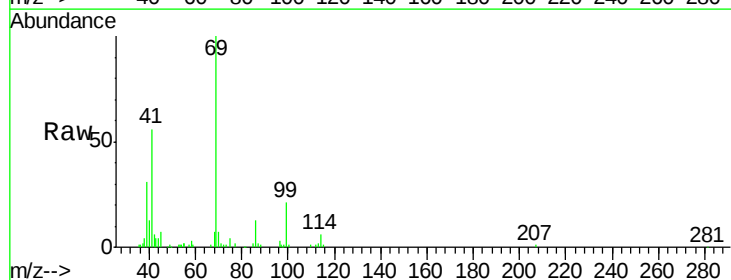
Manual Integrations
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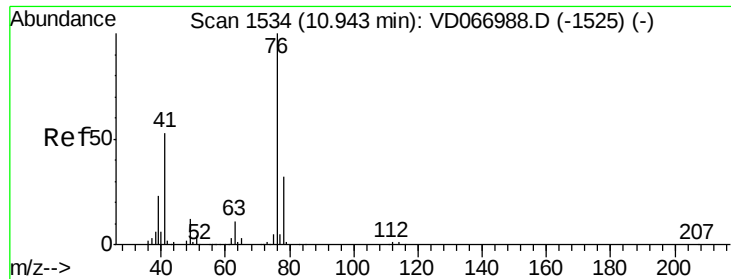
MMDadoda
 10/5/2020 5:34:35 PM



#56
 Ethyl methacrylate
 Concen: 22.375 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		72973		
41	59.8	46.4	69.6		
39	28.7	23.8	35.6		





#57

1,3-Dichloropropane

Concen: 22.973 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 76 Resp: 117679

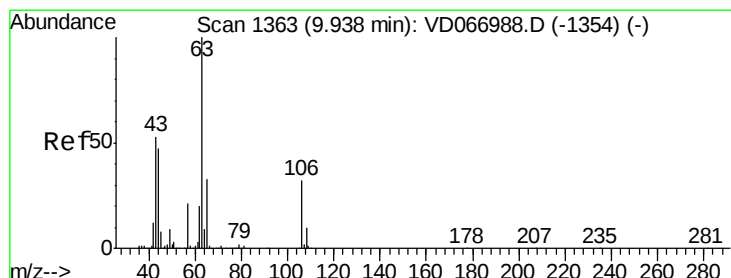
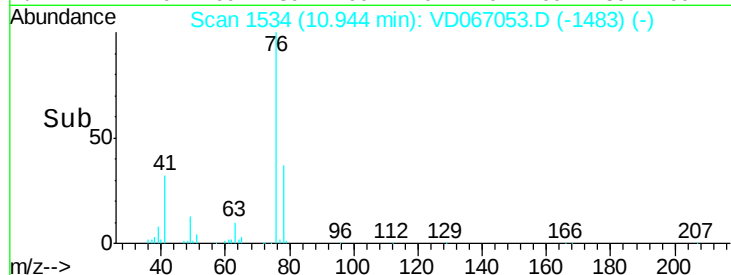
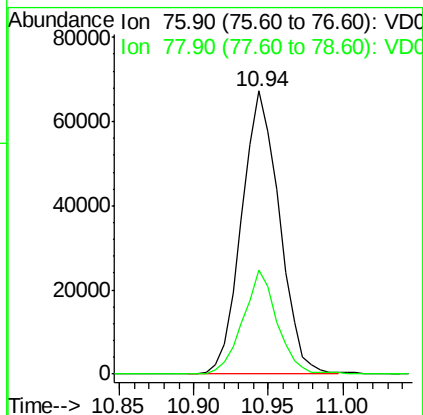
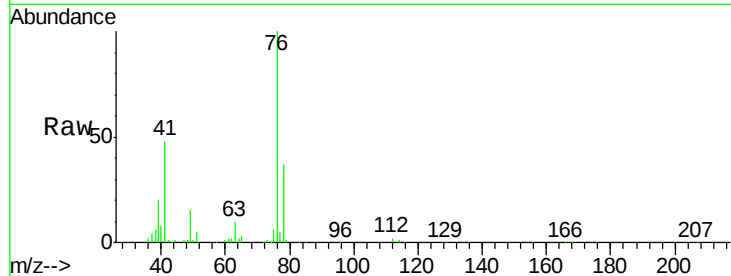
Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8

Manual Integrations
APPROVED

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10/5/2020 5:34:35 PM



#58

2-Chloroethyl Vinyl ether

Concen: 109.795 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067053.D

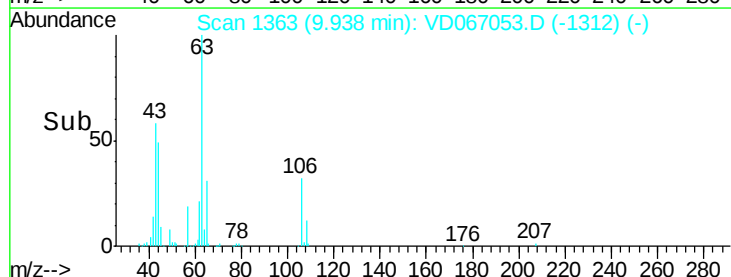
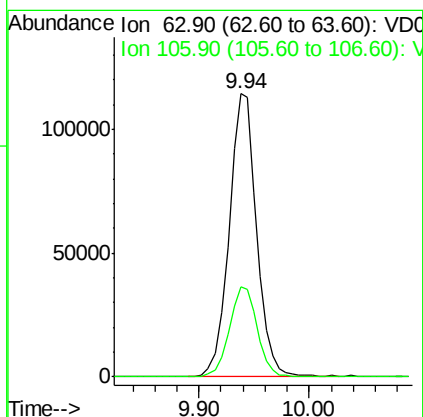
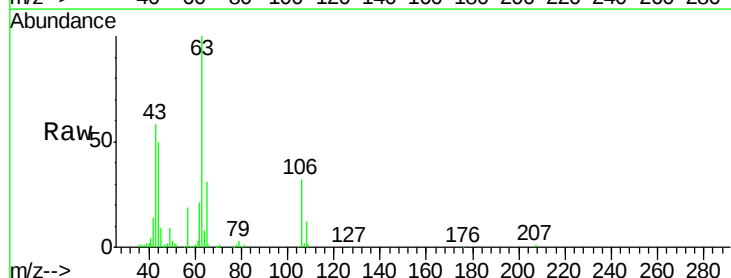
Acq: 03 Oct 2020 00:37

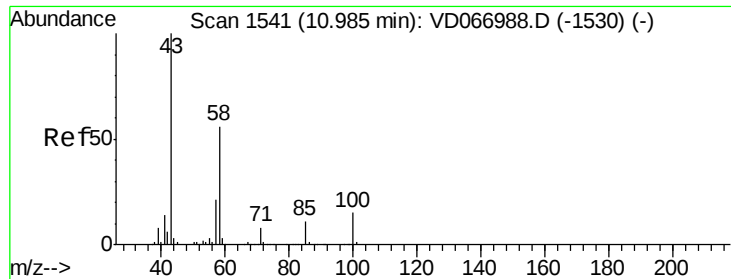
Tgt Ion: 63 Resp: 199300

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9





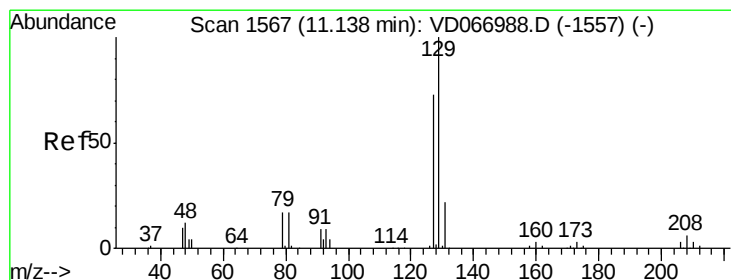
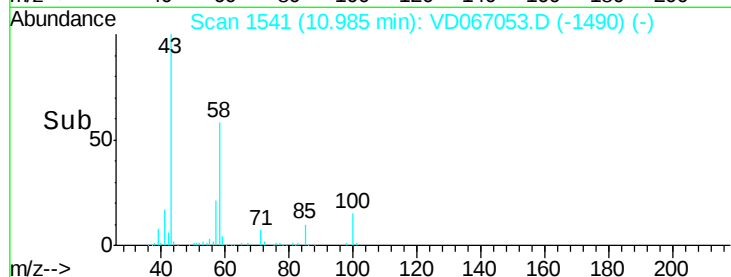
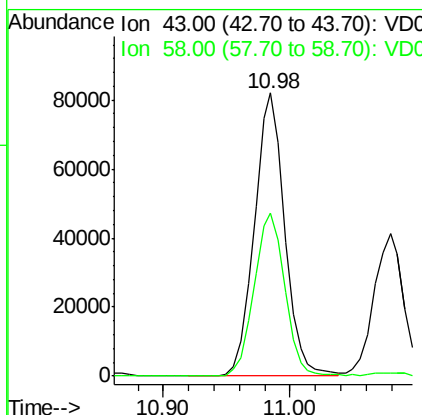
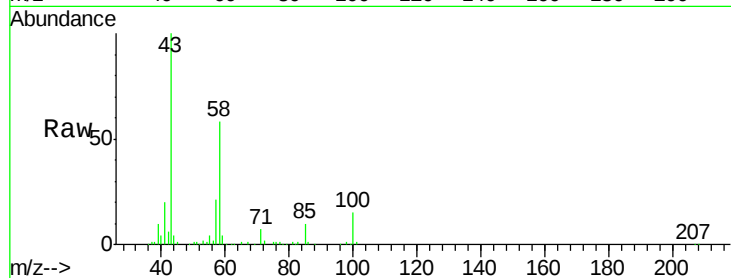
#59
2-Hexanone
Concen: 106.714 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 43 Resp: 137145
Ion Ratio Lower Upper
43 100
58 58.5 28.3 84.9

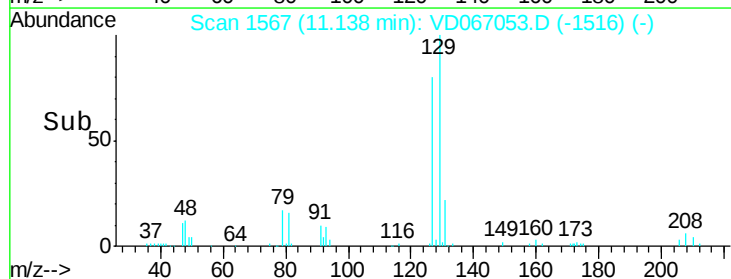
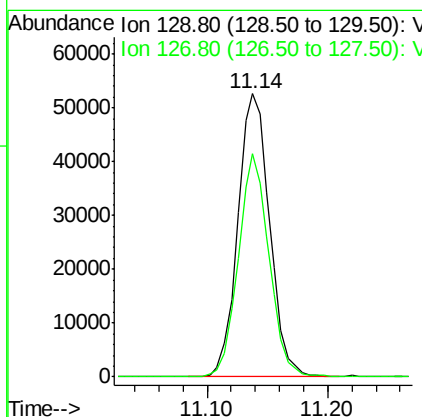
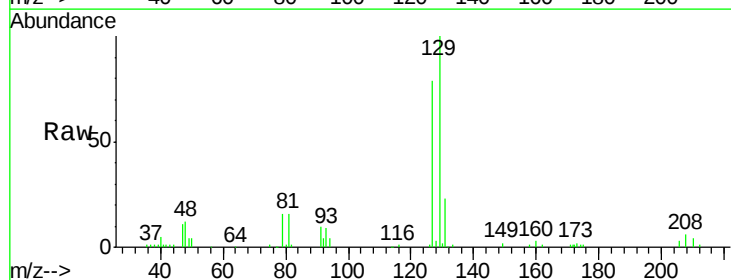
Manual Integrations
APPROVED

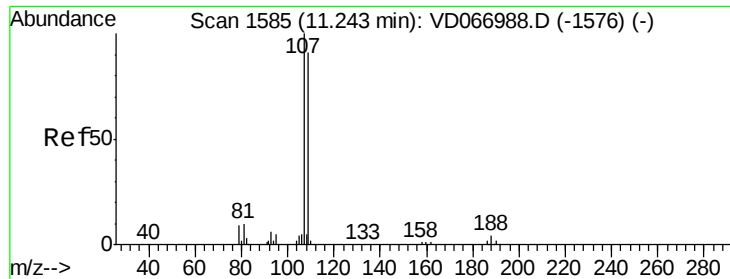
MMDadoda
10/5/2020 5:34:35 PM



#60
Dibromochloromethane
Concen: 22.879 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 129 Resp: 96325
Ion Ratio Lower Upper
129 100
127 76.3 37.4 112.1





#61

1,2-Dibromoethane

Concen: 22.724 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 107 Resp: 68963

Ion Ratio Lower Upper

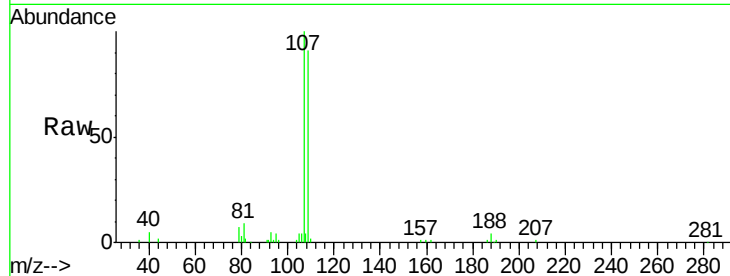
107 100

109 95.1 74.0 111.0

Manual Integrations
APPROVED

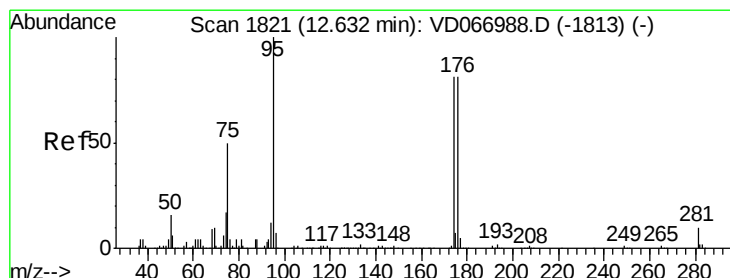
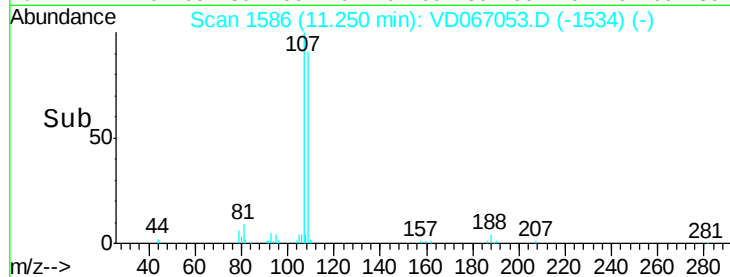
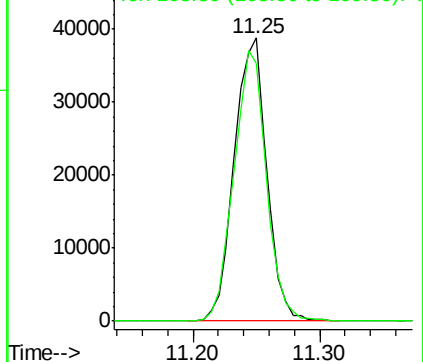
MMDadoda

10/5/2020 5:34:35 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.050 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

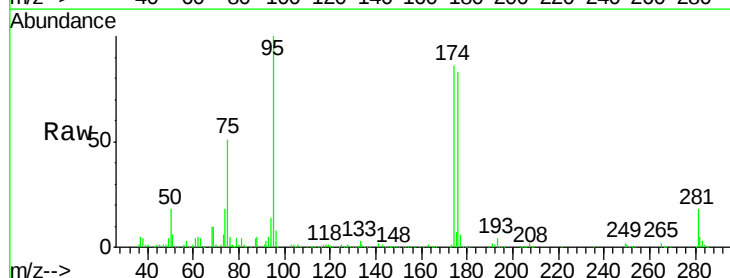
Tgt Ion: 95 Resp: 289716

Ion Ratio Lower Upper

95 100

174 84.9 0.0 167.6

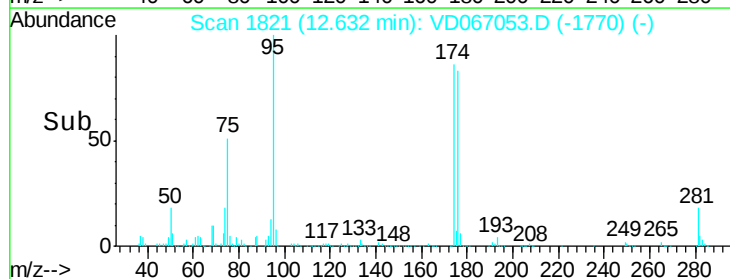
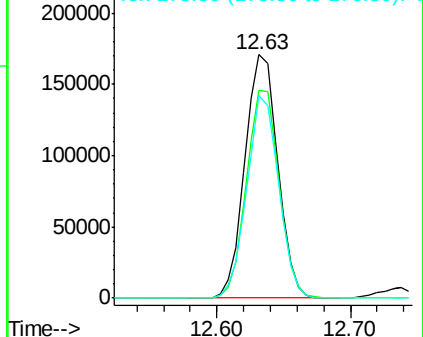
176 80.8 0.0 162.4

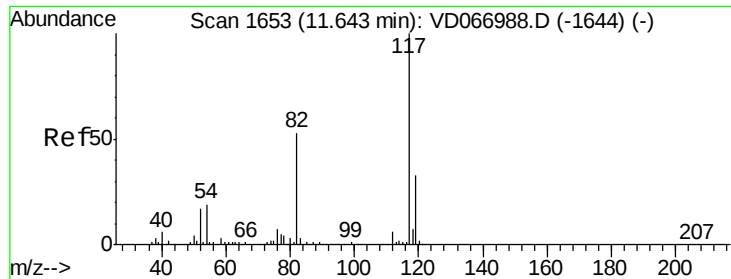


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





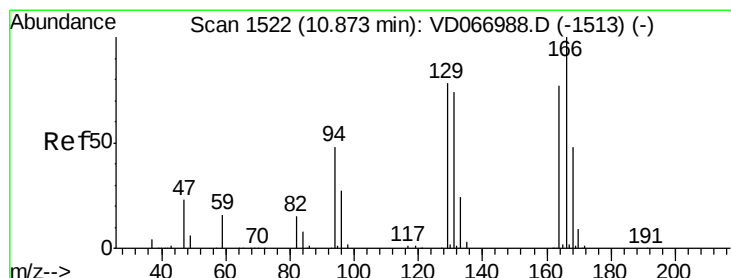
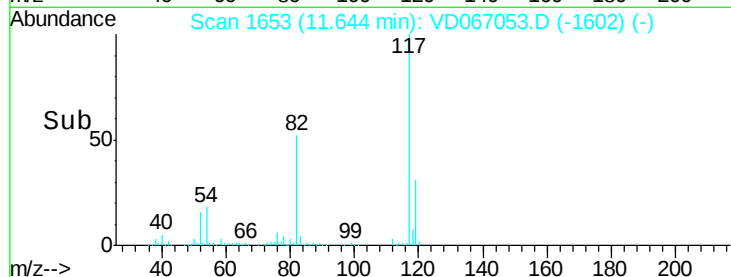
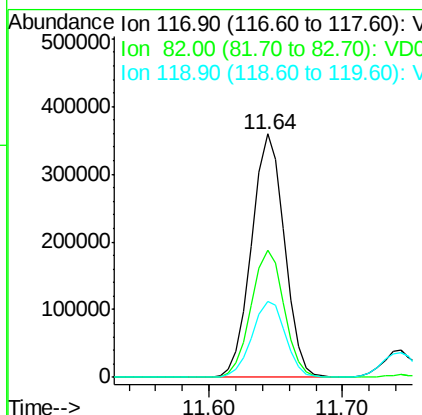
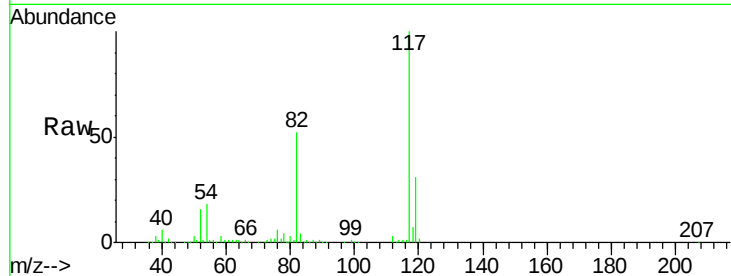
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	611556		
82	52.1		42.6	63.8
119	31.0		26.3	39.5

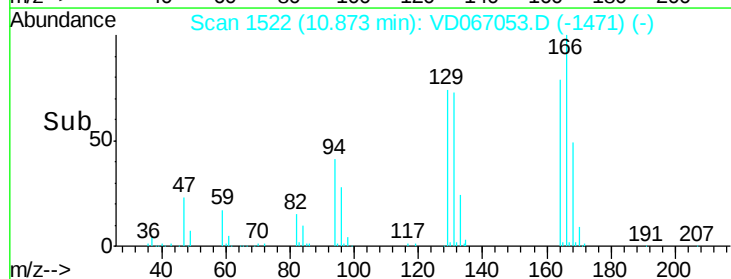
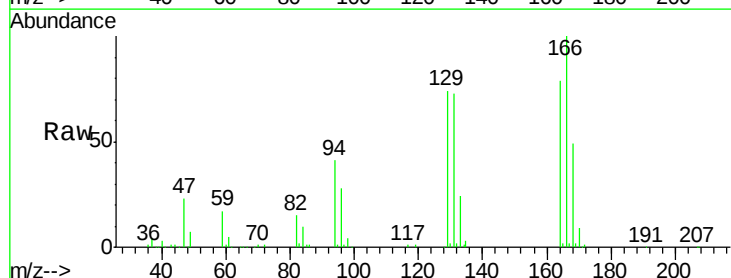
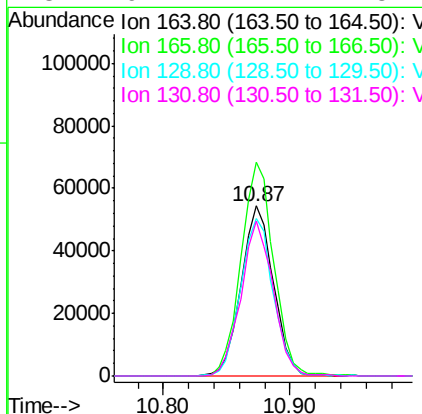
Manual Integrations
APPROVED

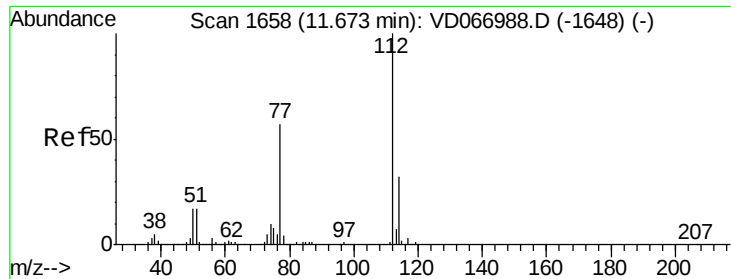
MMDadoda
10/5/2020 5:34:35 PM



#64
Tetrachloroethene
Concen: 21.604 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96054		
166	125.8		104.4	156.6
129	92.7		81.3	121.9
131	91.4		77.1	115.7





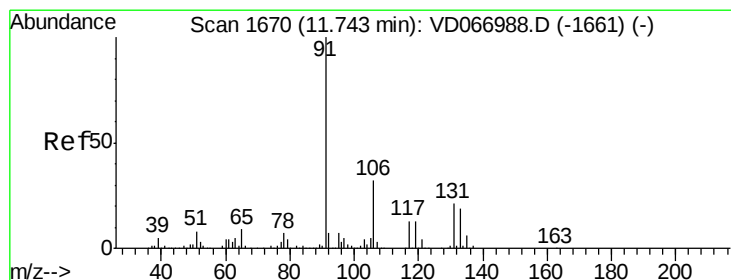
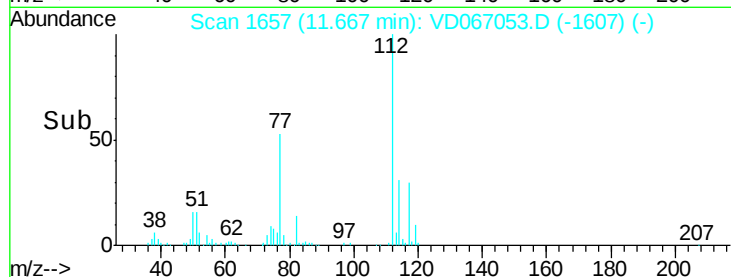
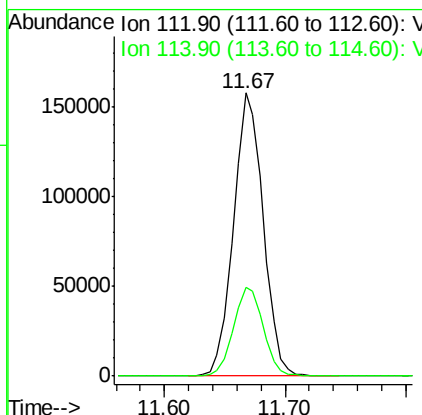
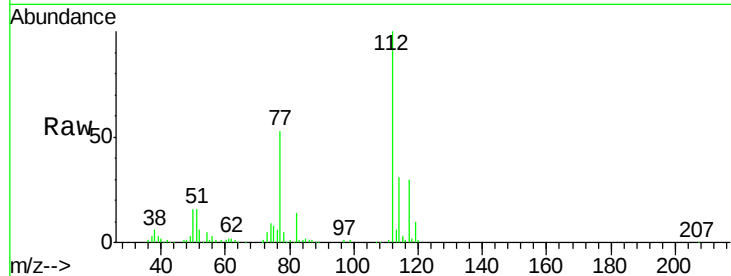
#65
Chlorobenzene
Concen: 22.199 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.4	38.0

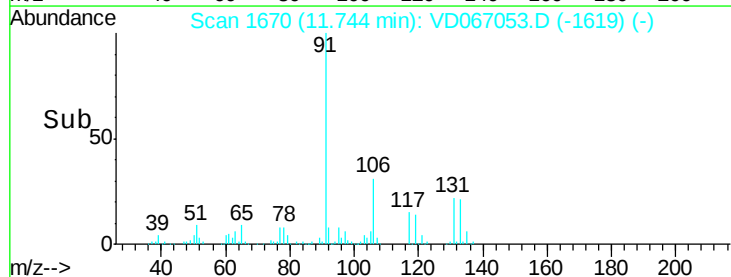
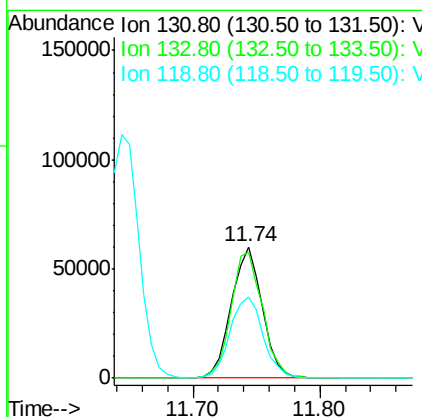
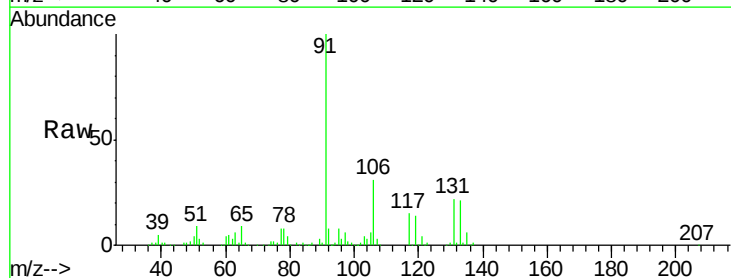
Manual Integrations
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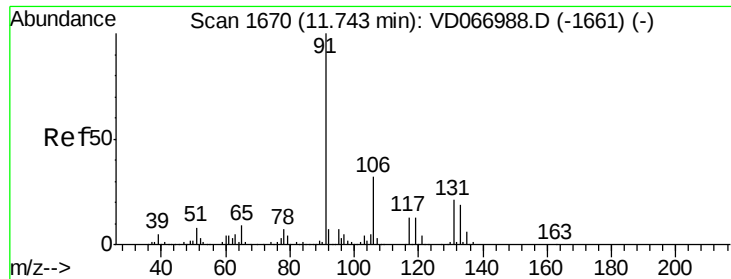
MMDadoda
10/5/2020 5:34:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.783 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.8	143.3
119	65.8	32.3	96.8





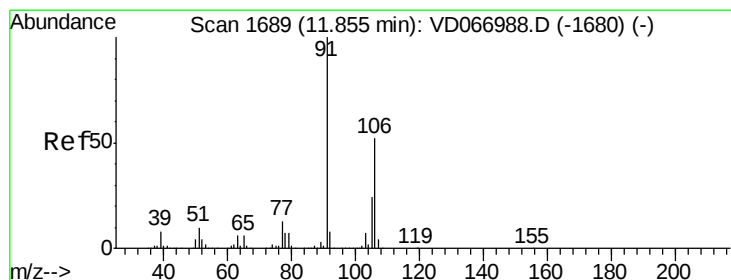
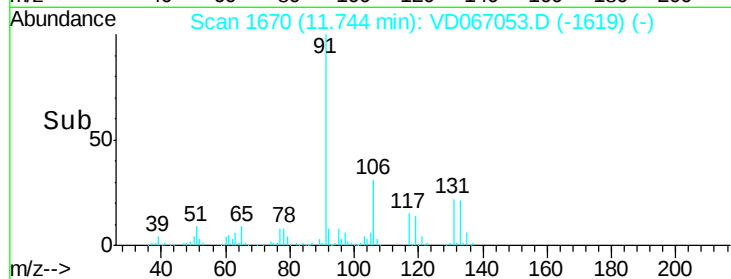
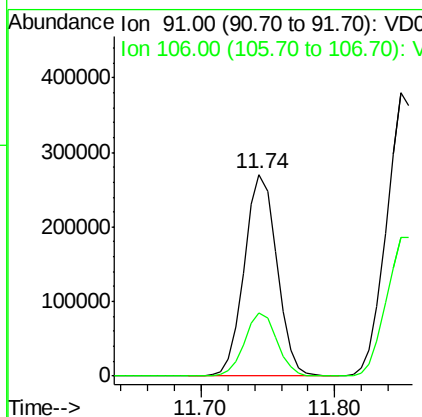
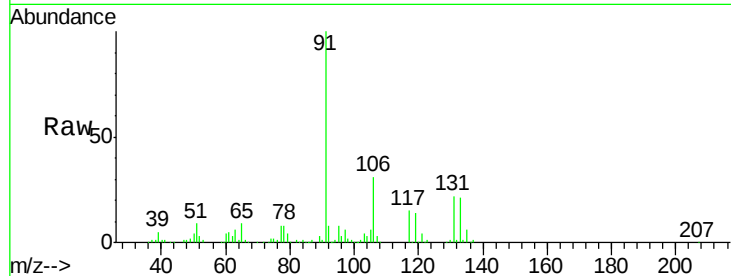
#67
Ethyl Benzene
Concen: 21.844 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 91 Resp: 455242
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

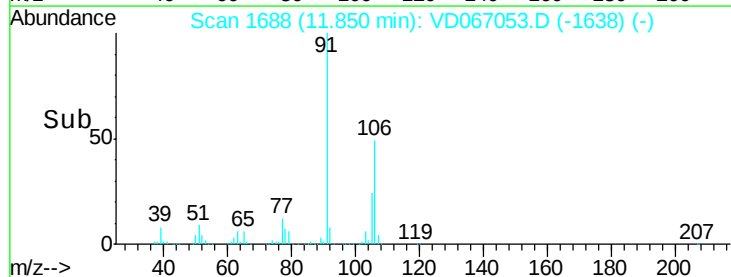
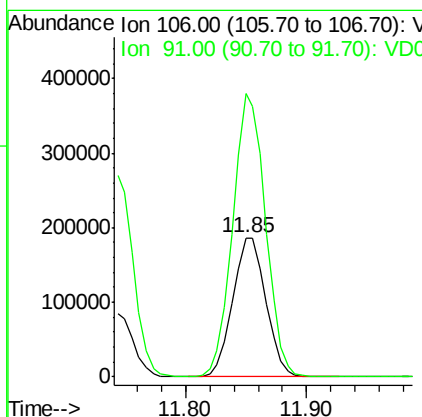
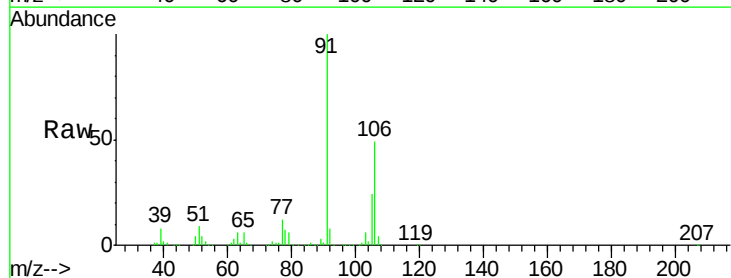
Manual Integrations
APPROVED

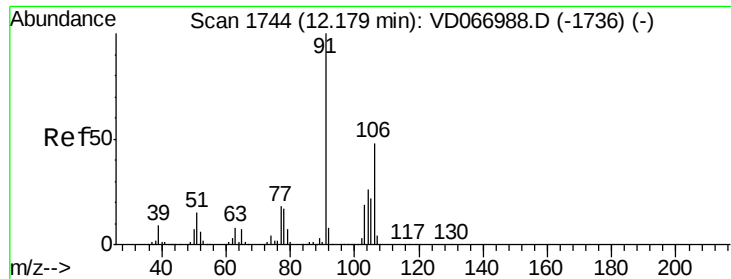
MMDadoda
10/5/2020 5:34:35 PM



#68
m/p-Xylenes
Concen: 43.982 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 106 Resp: 357213
Ion Ratio Lower Upper
106 100
91 200.4 158.4 237.6





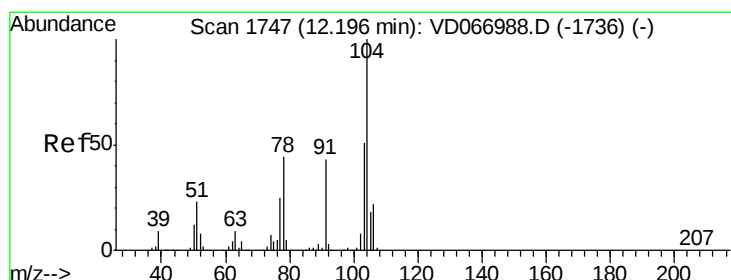
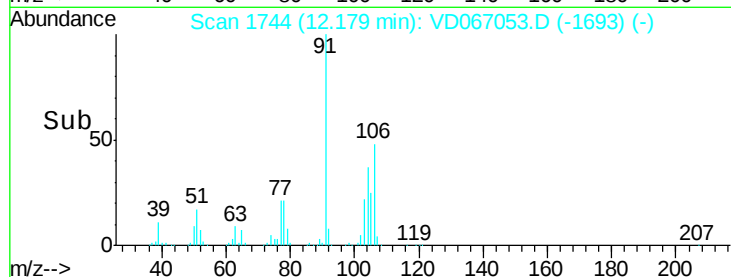
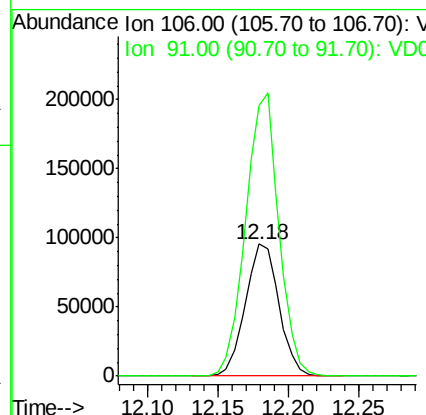
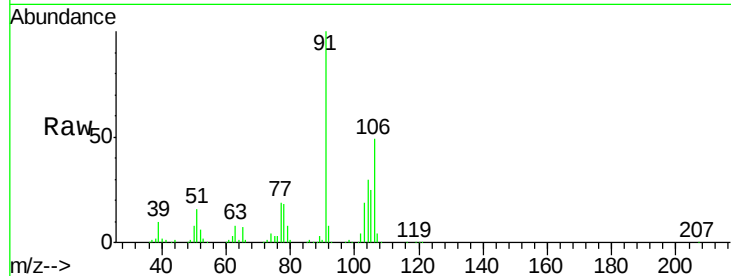
#69
o-Xylene
Concen: 21.958 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion:106 Resp: 159477
Ion Ratio Lower Upper
106 100
91 211.6 102.4 307.2

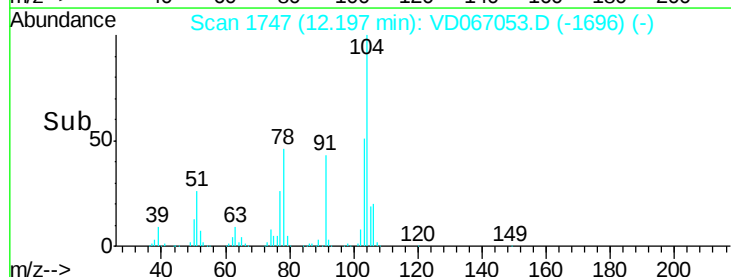
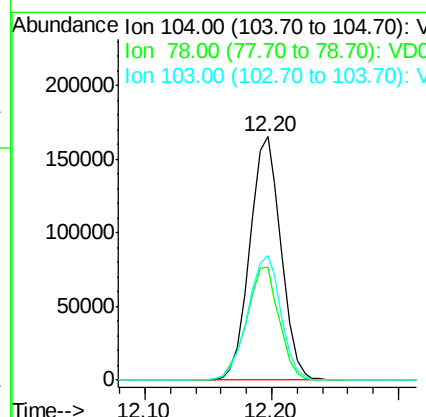
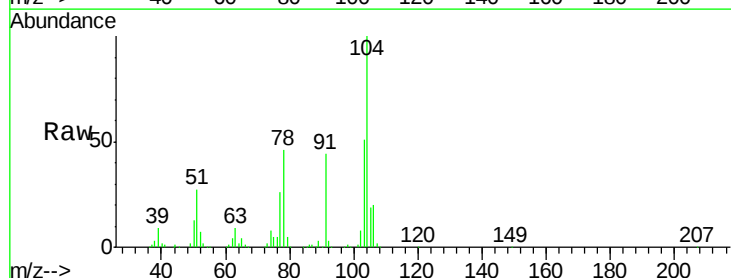
Manual Integrations
APPROVED

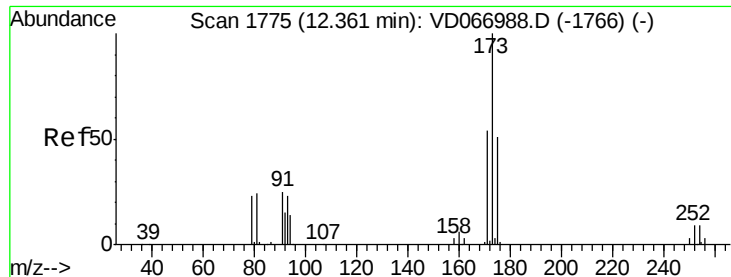
MMDadoda
10/5/2020 5:34:35 PM



#70
Styrene
Concen: 22.669 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion:104 Resp: 282712
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 22.173 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

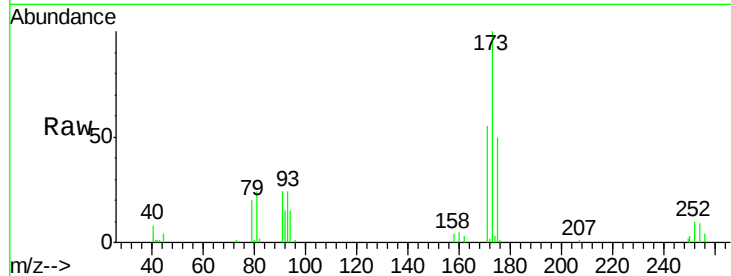
ClientSampleId :

VD1002SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.7
254	0.0	0.2	0.4

Manual Integrations
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10/5/2020 5:34:35 PM

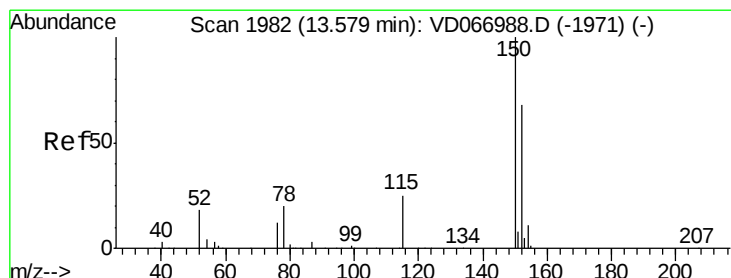
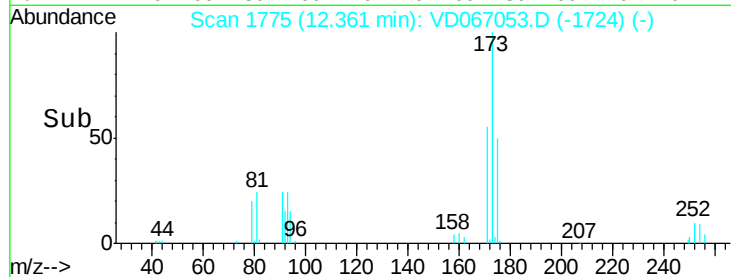
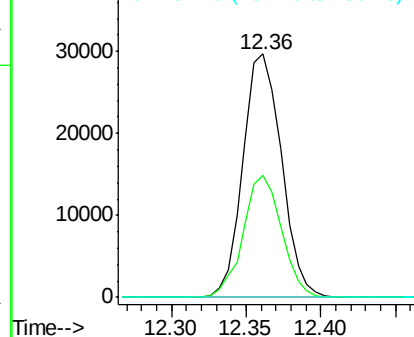


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

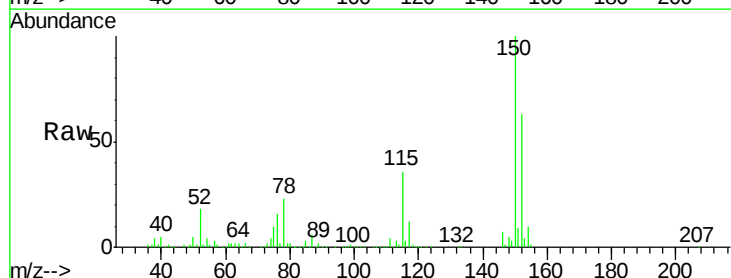
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.6	88.8
150	165.3	0.0	344.8

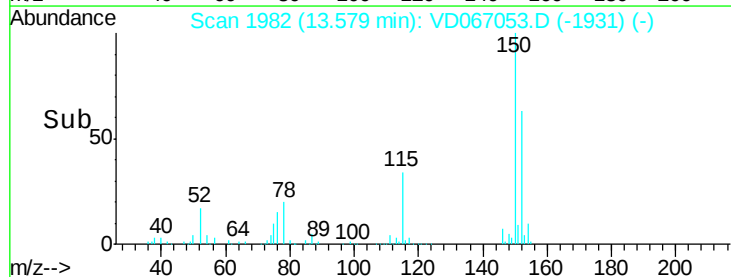
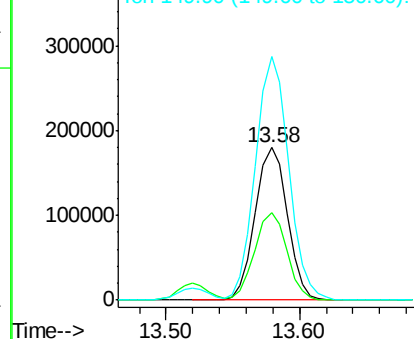


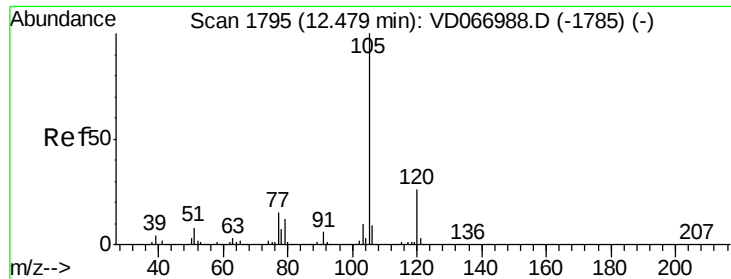
Abundance

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: 21.389 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 105 Resp: 434529

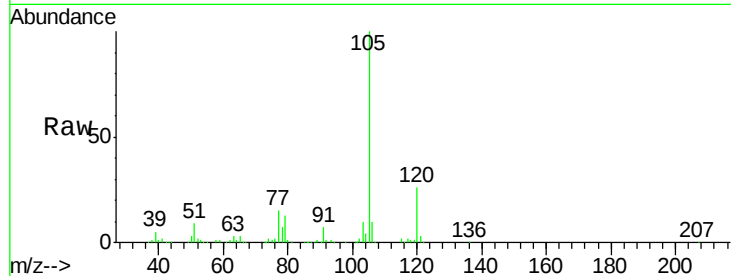
Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9

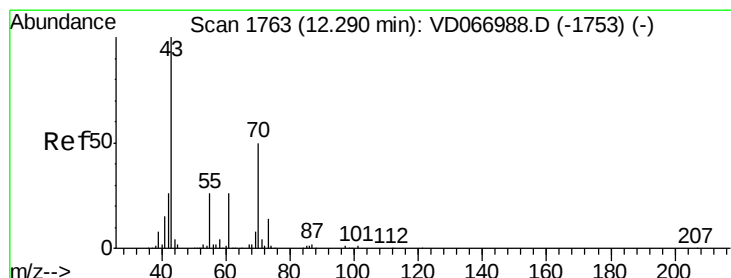
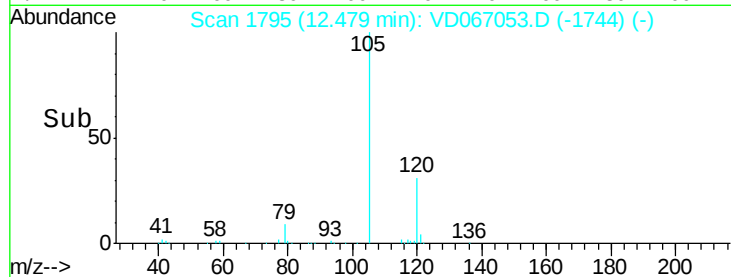
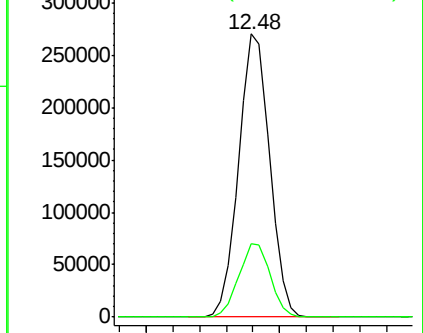
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.774 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion: 43 Resp: 72214

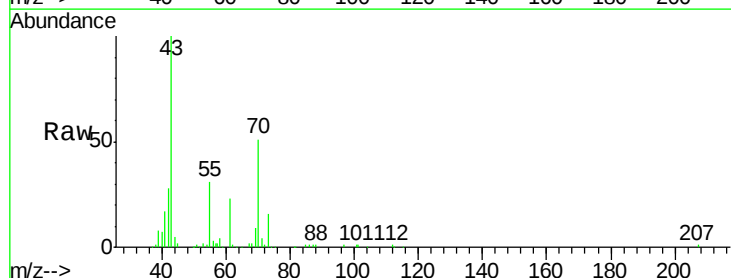
Ion Ratio Lower Upper

43 100

70 50.4 38.2 57.2

55 29.8 22.4 33.6

61 24.8 20.6 31.0

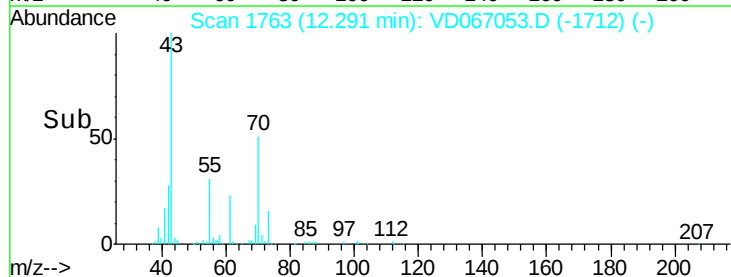
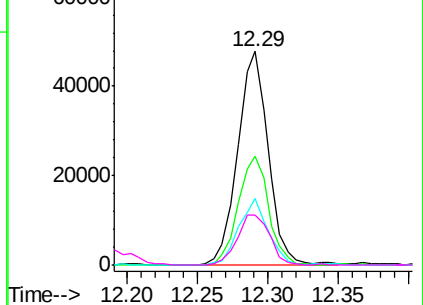


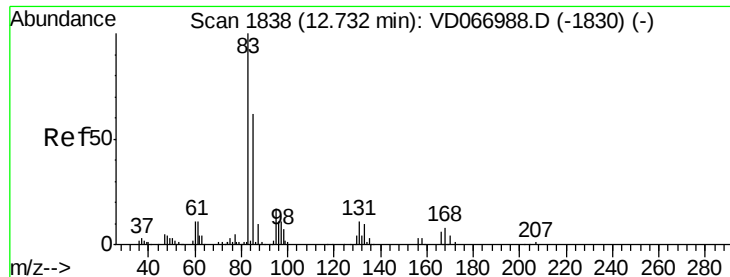
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.516 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

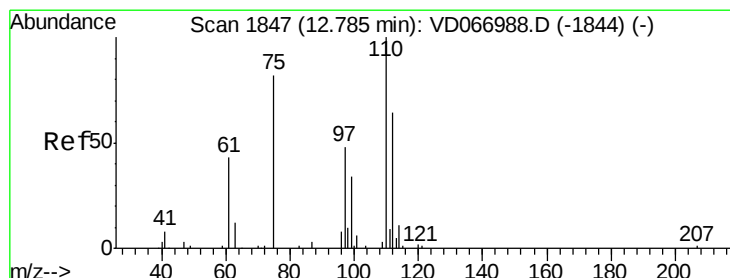
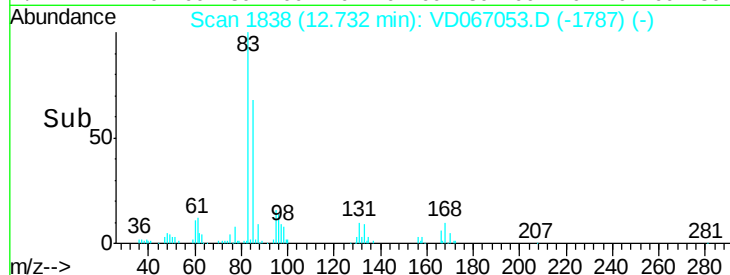
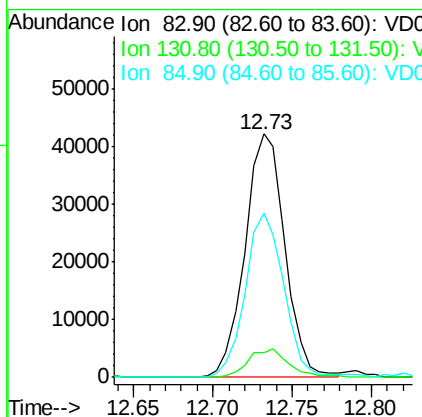
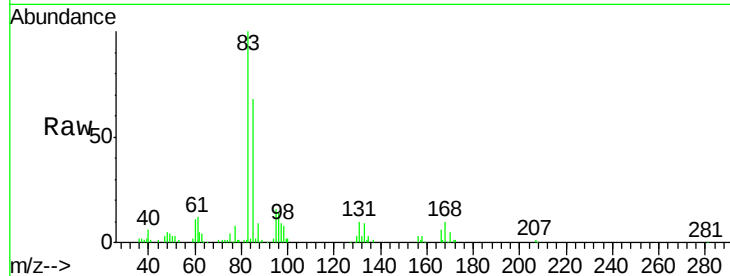
ClientSampleId :

VD1002SBS02

Tot Ion:	83	Resp:	73646
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.7	17.0
85	64.8	32.0	96.2

Manual Integrations
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10/5/2020 5:34:35 PM



#76

1,2,3-Trichloropropane

Concen: 21.848 ug/l m

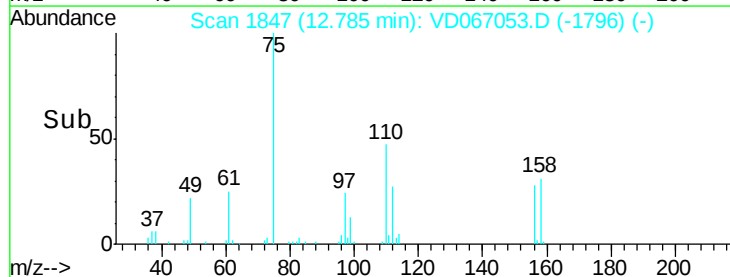
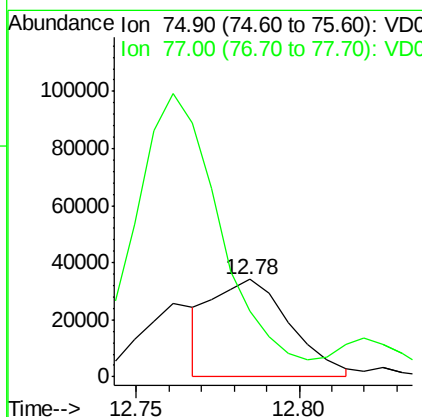
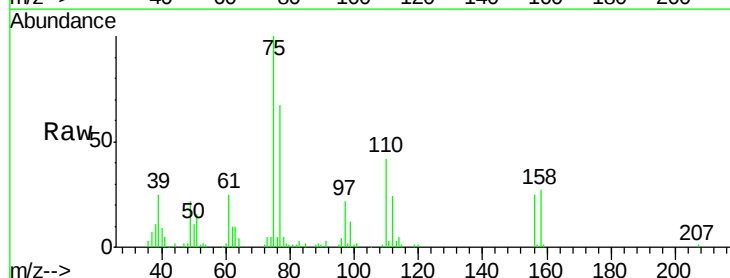
RT: 12.78 min Scan# 1847

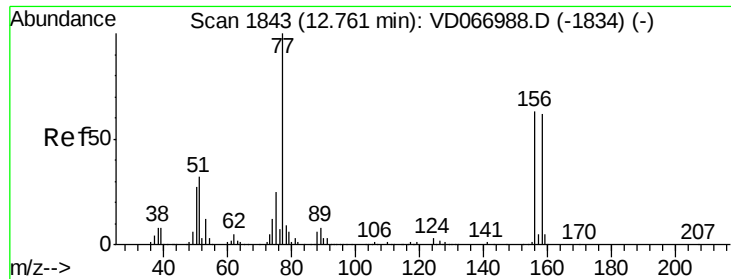
Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:	75	Resp:	56936
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.198 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

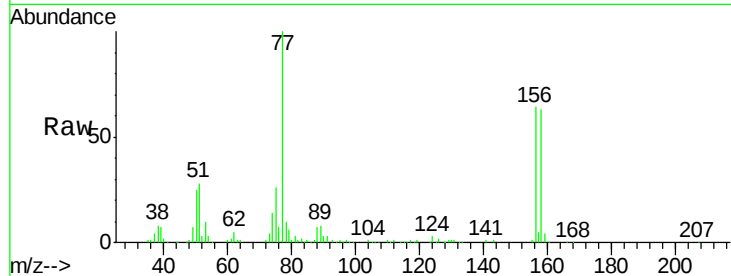
ClientSampleId :

VD1002SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.1	86.3	258.8
158	99.6	49.5	148.3

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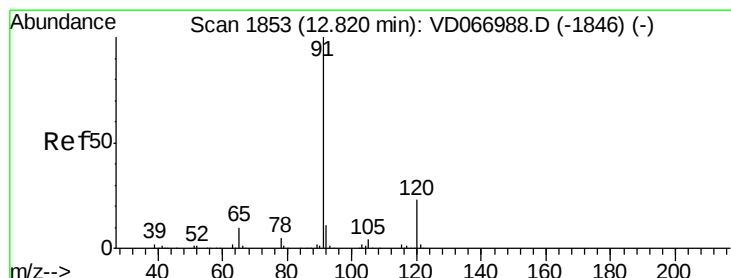
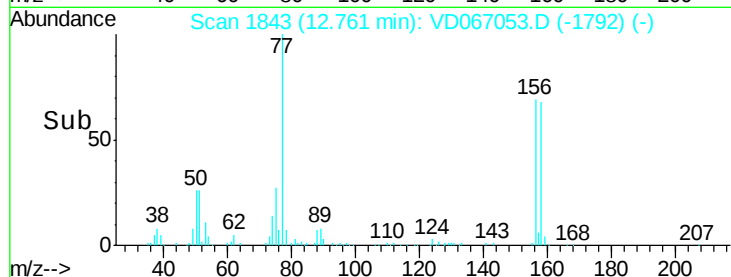
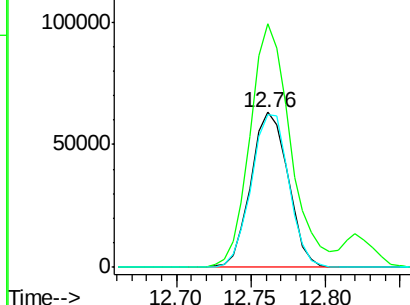
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.504 ug/l

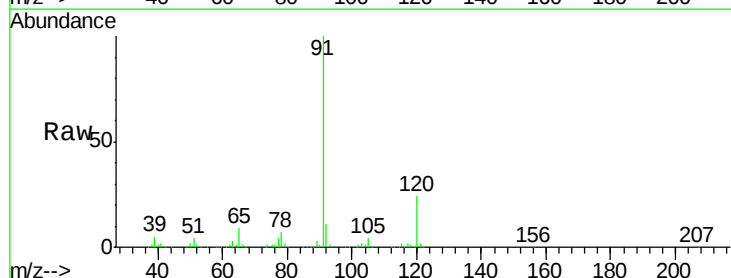
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067053.D

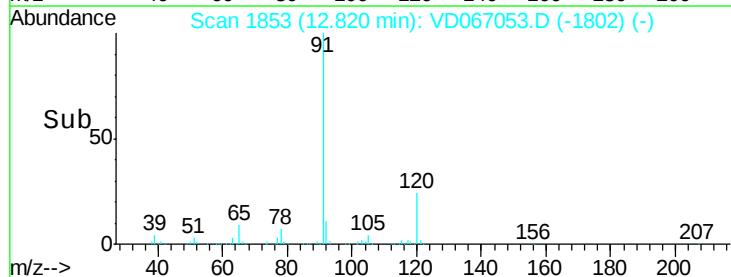
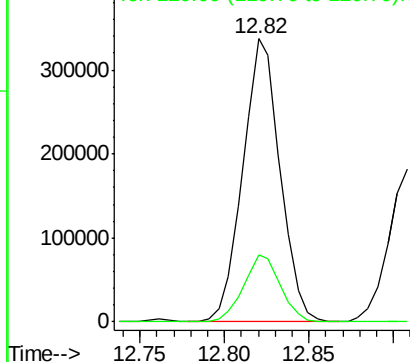
Acq: 03 Oct 2020 00:37

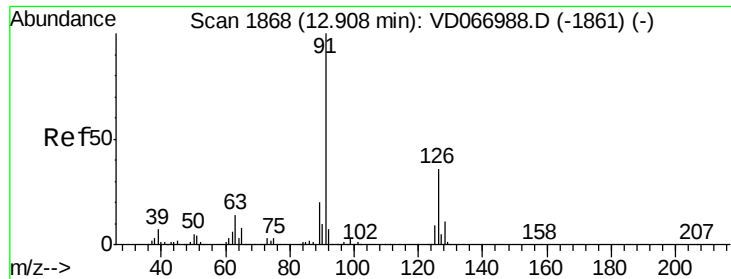
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.130 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 91 Resp: 303994

Ion Ratio Lower Upper

91 100

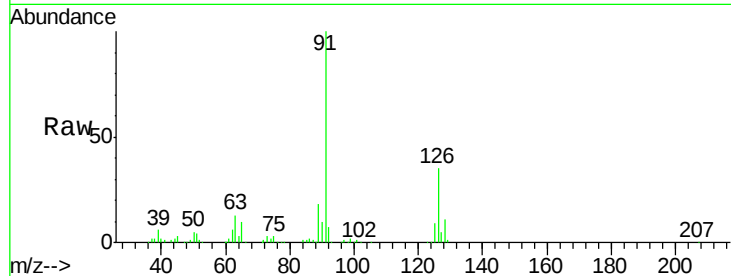
126 34.4 17.5 52.6

Manual Integrations

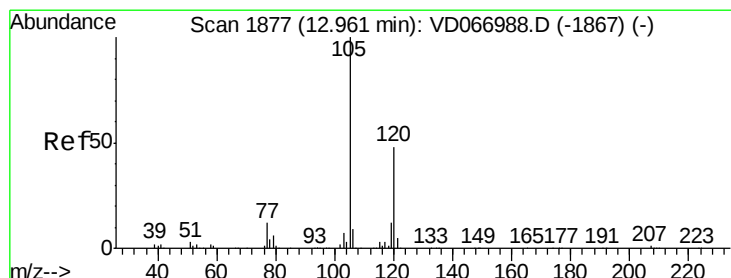
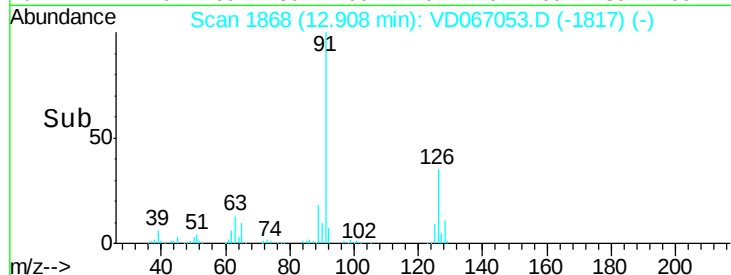
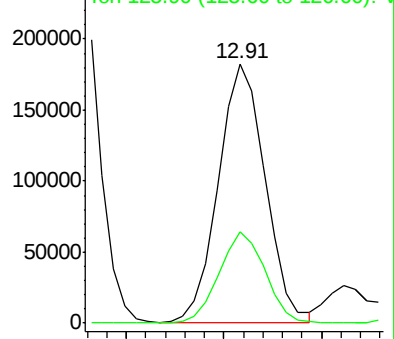
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Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.810 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067053.D

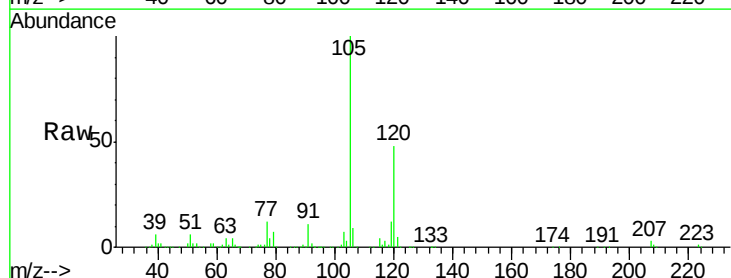
Acq: 03 Oct 2020 00:37

Tgt Ion: 105 Resp: 374344

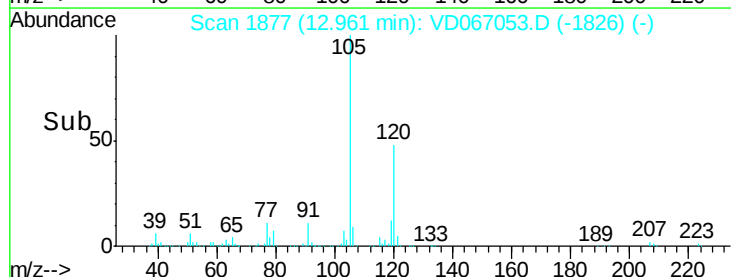
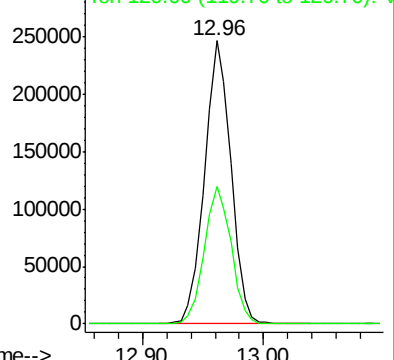
Ion Ratio Lower Upper

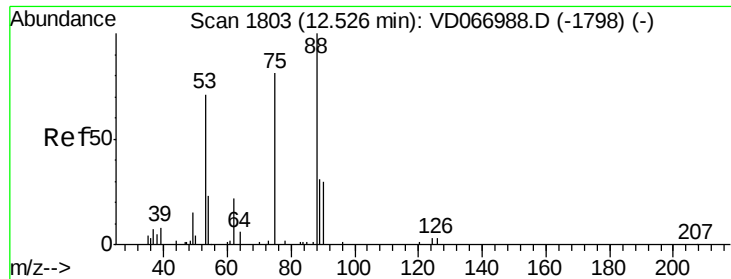
105 100

120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.300 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

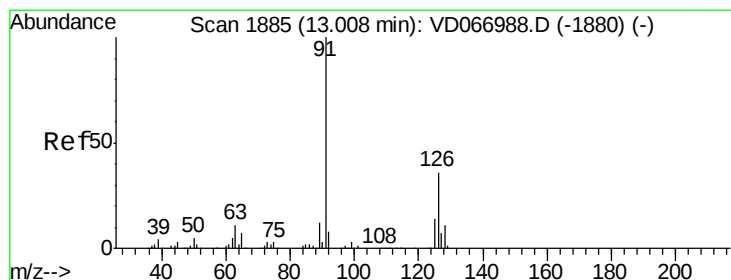
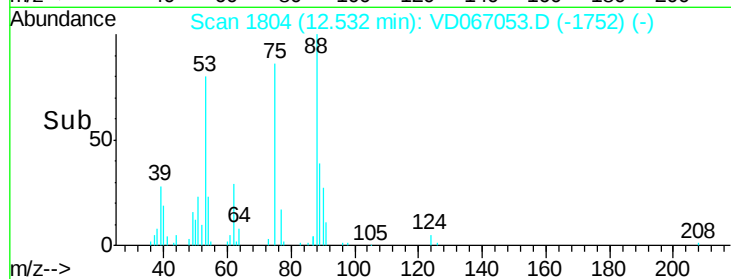
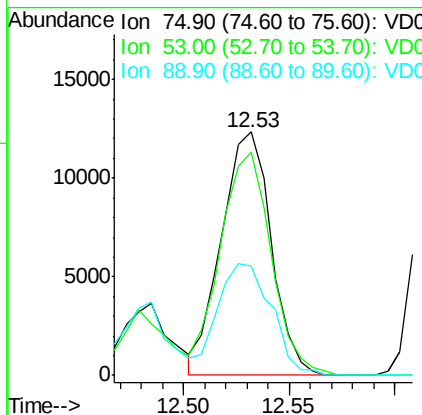
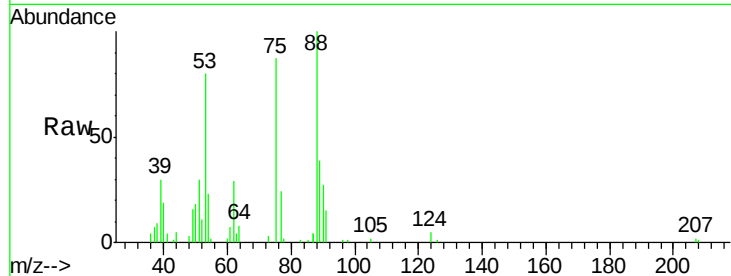
ClientSampleId :

VD1002SBS02

Tot Ion:	75	Resp:	20174
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.8	110.6
89	50.0	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.786 ug/l

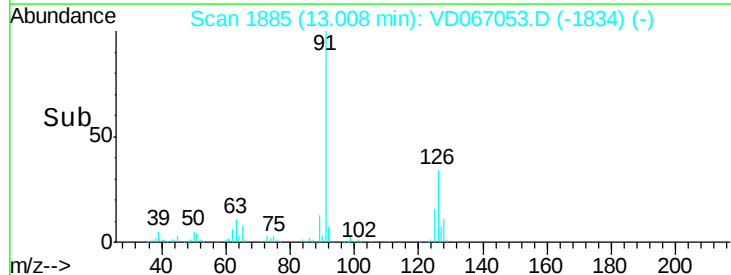
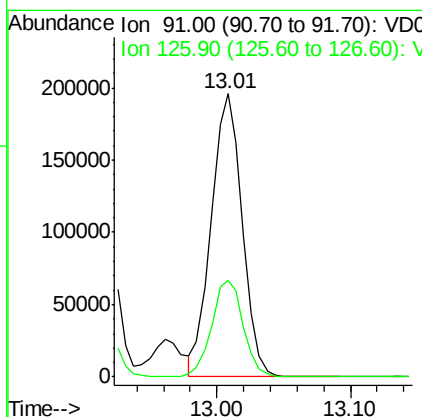
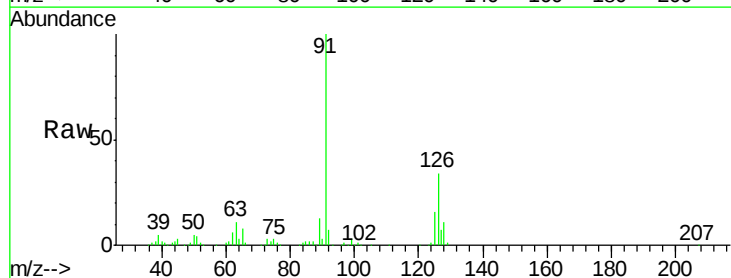
RT: 13.01 min Scan# 1885

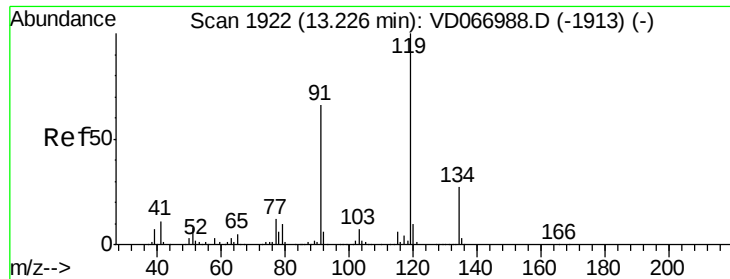
Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:	91	Resp:	318407
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.5	52.5





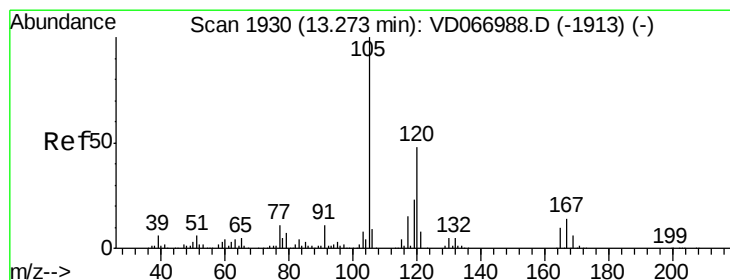
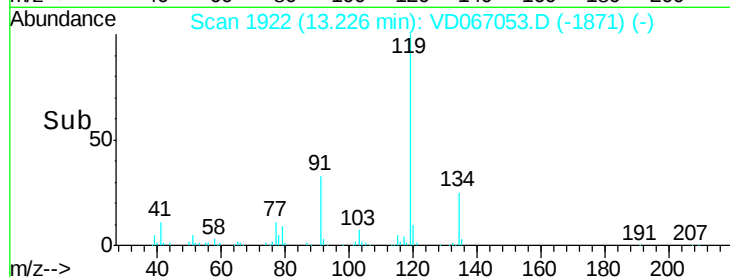
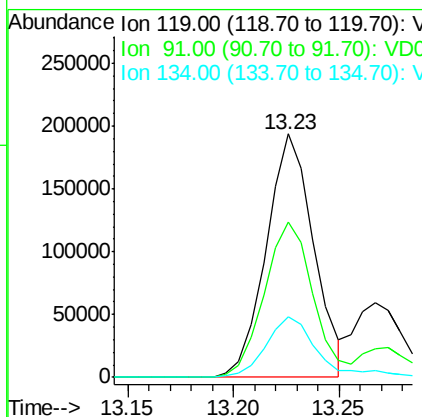
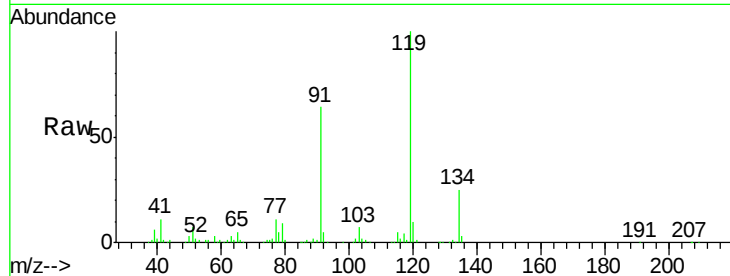
#83
 tert-Butylbenzene
 Concen: 20.985 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.8	98.3
134	27.1	13.9	41.7

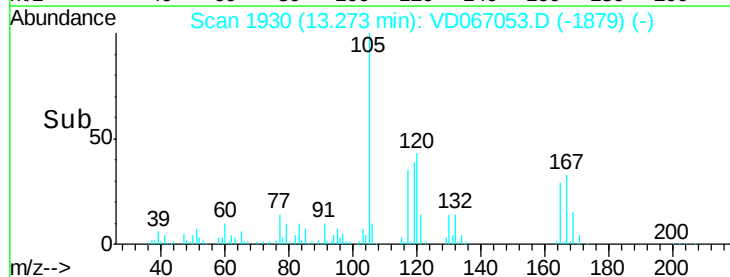
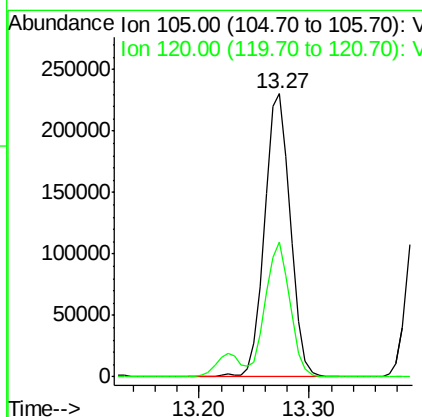
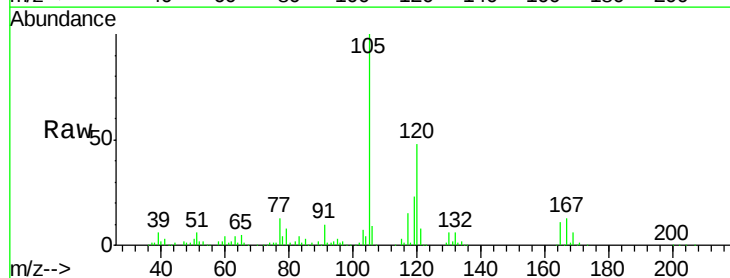
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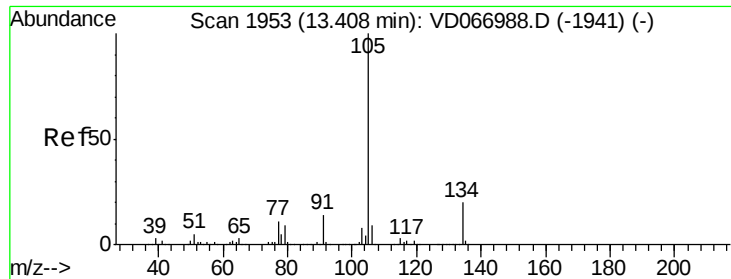
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.989 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8





#85

sec-Butylbenzene

Concen: 20.865 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion:105 Resp: 424702

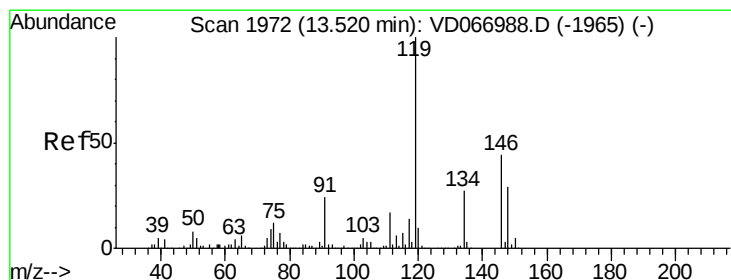
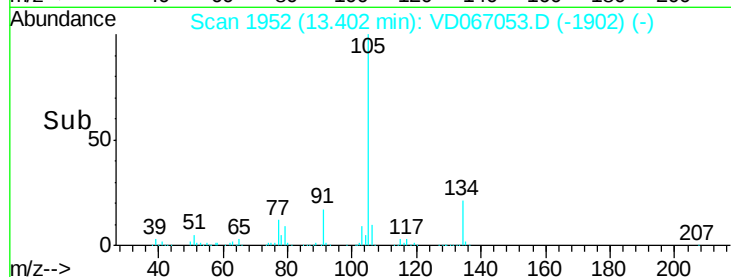
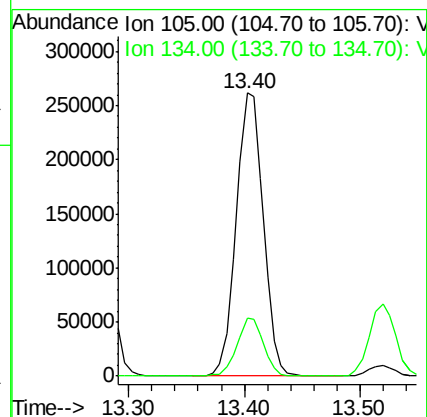
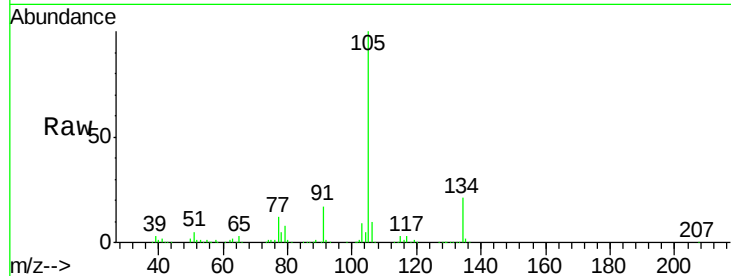
Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.763 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

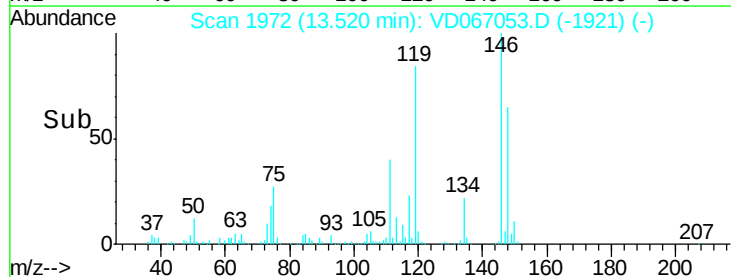
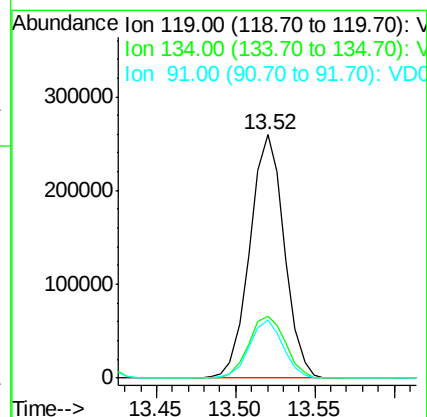
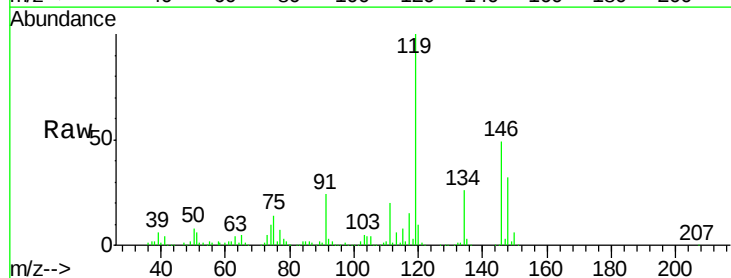
Tgt Ion:119 Resp: 391822

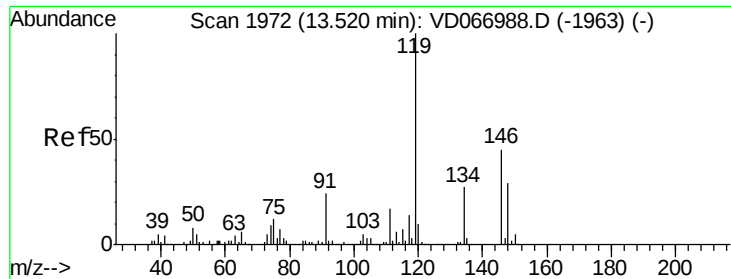
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.1

91 23.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 21.938 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

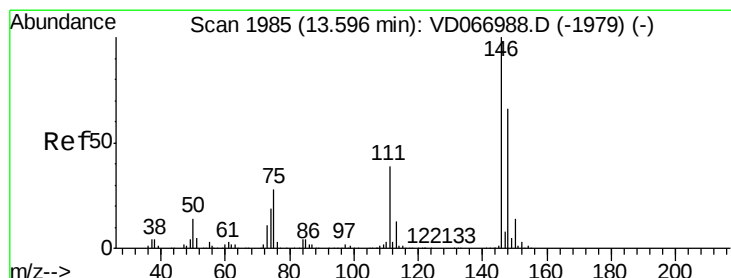
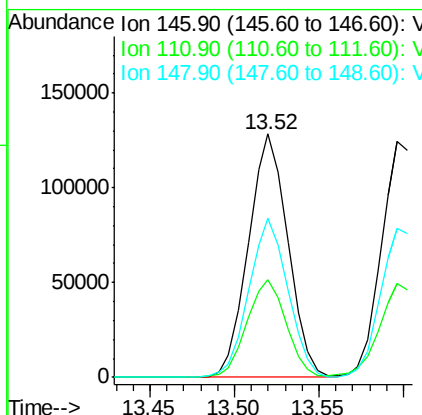
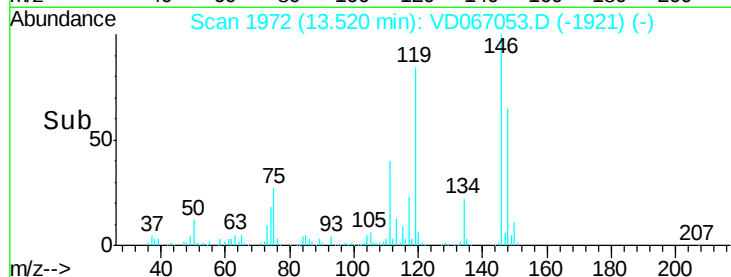
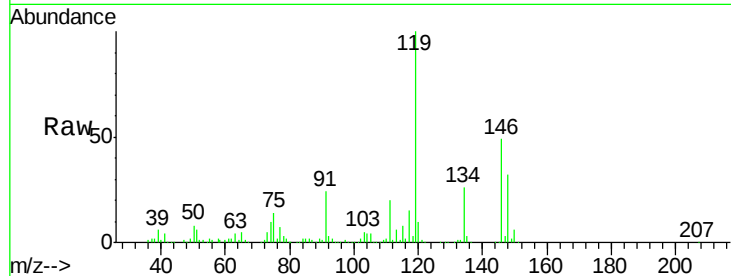
Instrument :
MSVOA_D

ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209616		
111	39.5	20.0	60.0	
148	64.5	31.9	95.9	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.561 ug/l

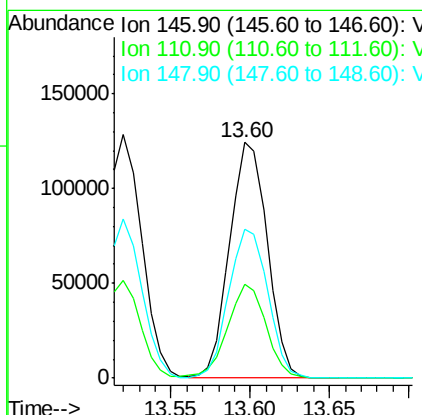
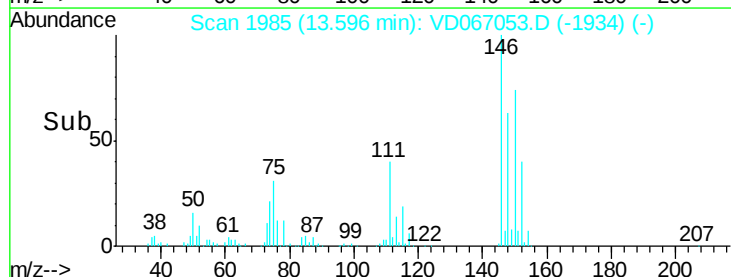
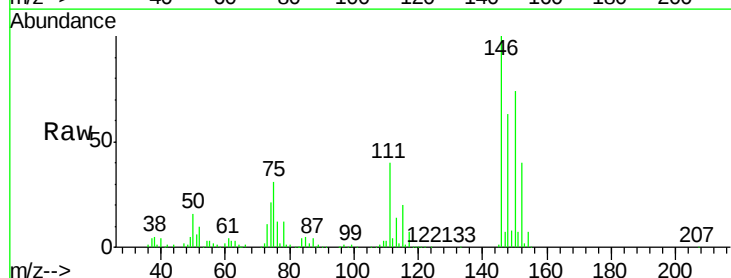
RT: 13.60 min Scan# 1985

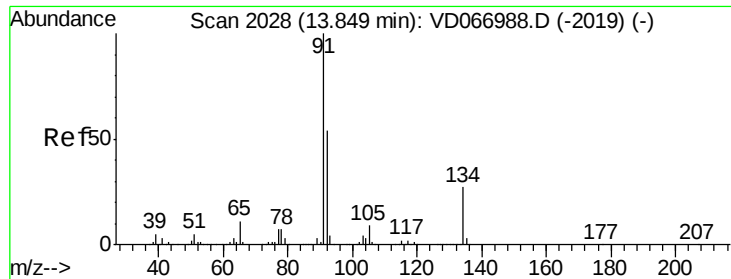
Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205993		
111	40.5	19.6	58.7	
148	64.9	32.6	97.7	





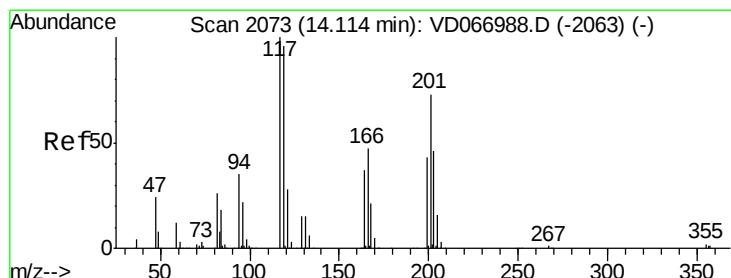
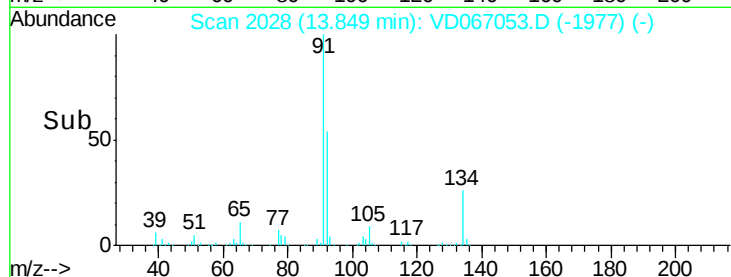
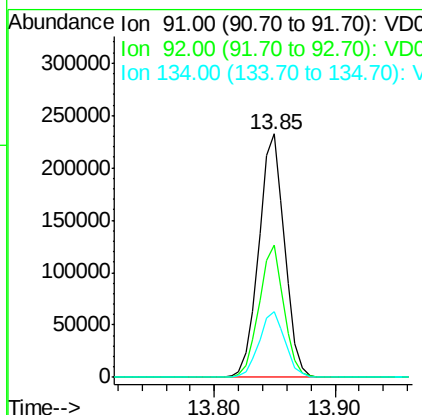
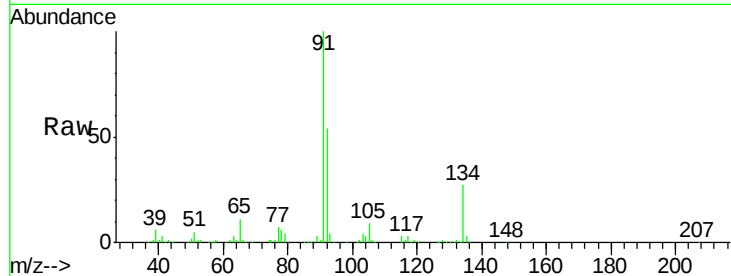
#89
n-Butylbenzene
Concen: 20.035 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.1	81.2
134	27.2	13.6	40.8

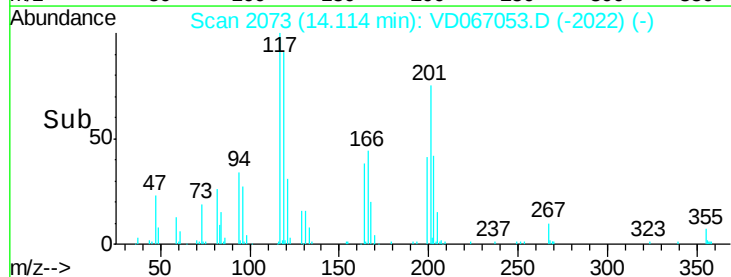
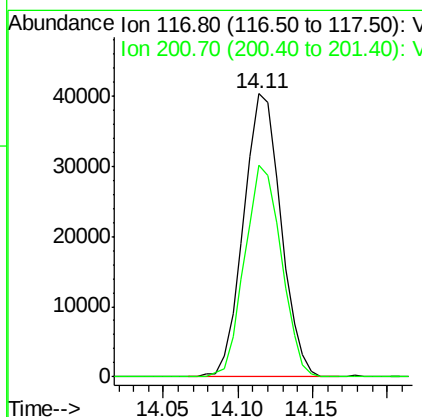
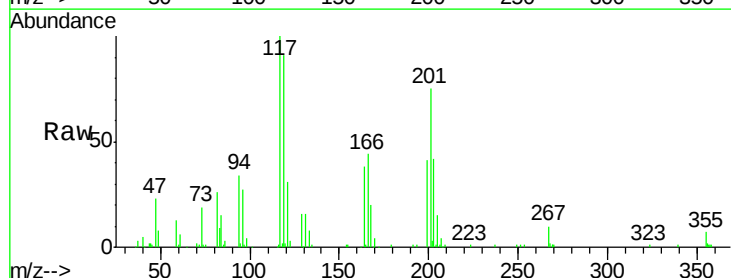
Manual Integrations
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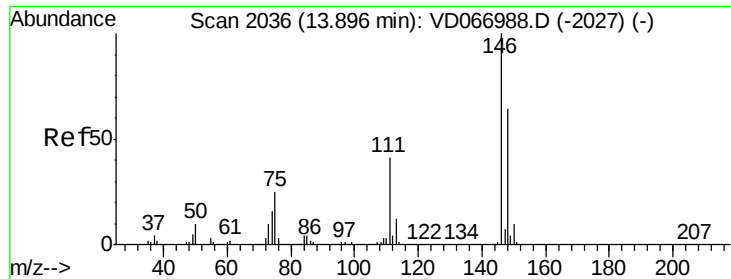
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#90
Hexachloroethane
Concen: 21.131 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	37.0	110.9





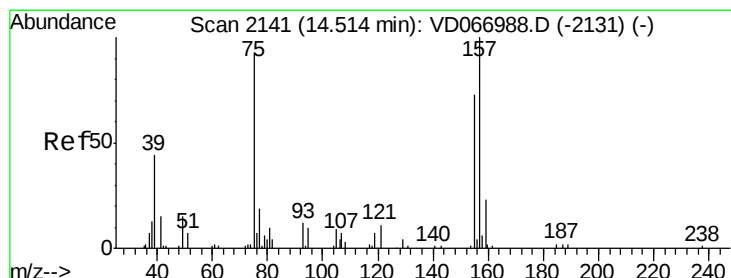
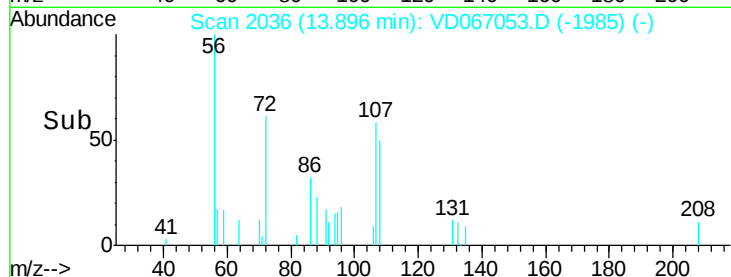
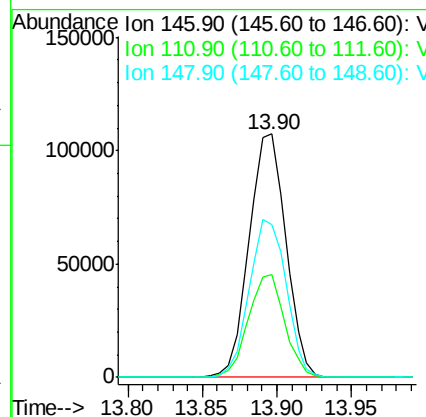
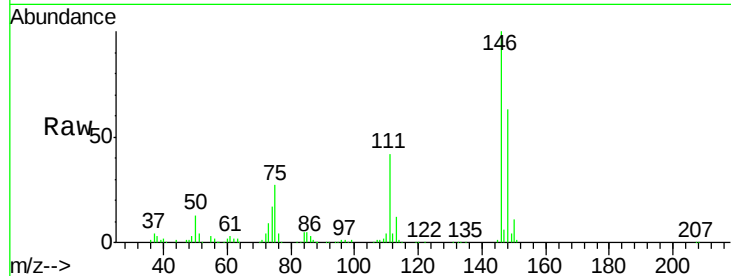
#91
 1,2-Dichlorobenzene
 Concen: 21.965 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.7
148	65.3	32.3	96.9

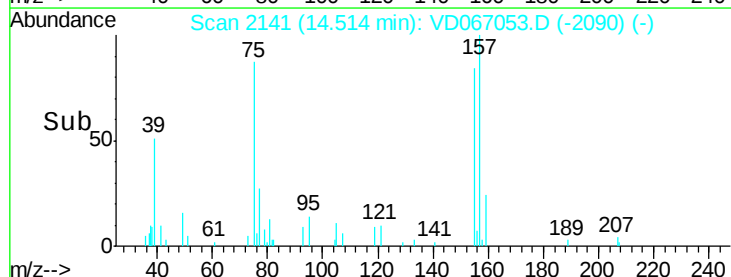
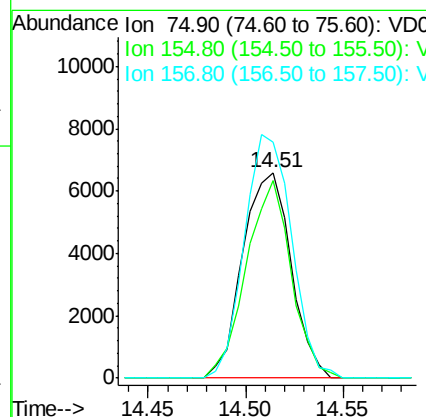
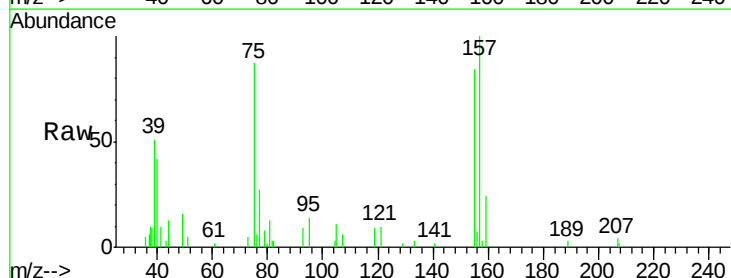
Manual Integrations
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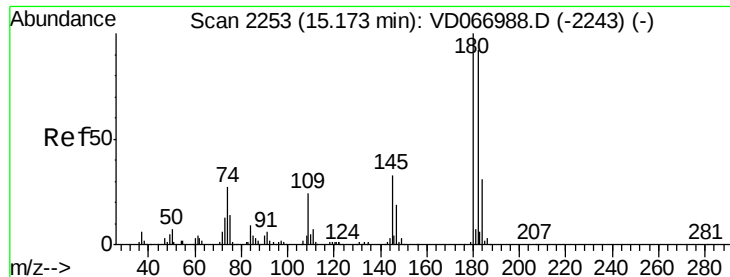
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.526 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	45.2	135.6
157	115.9	56.3	168.8





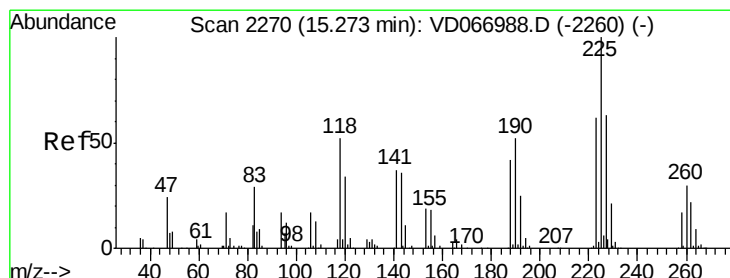
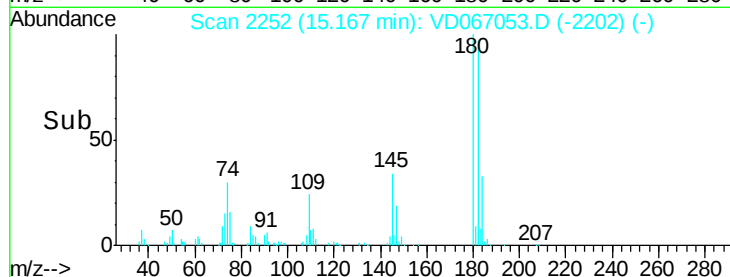
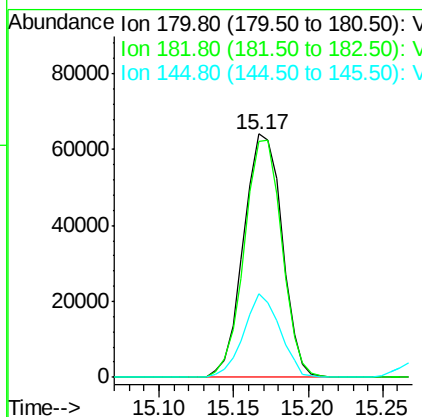
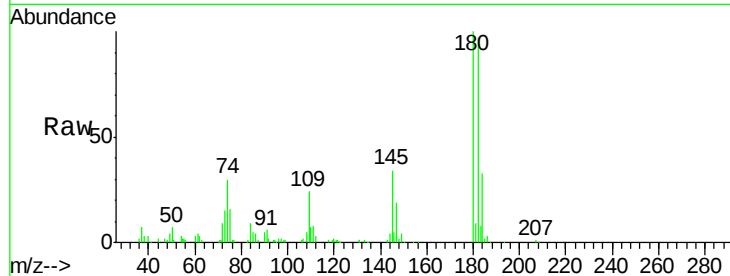
#93
 1,2,4-Trichlorobenzene
 Concen: 21.164 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	32.6	16.4	49.1

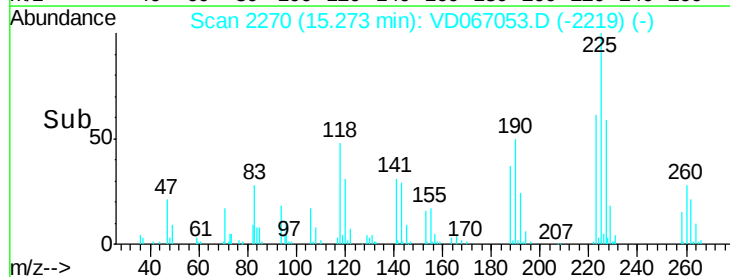
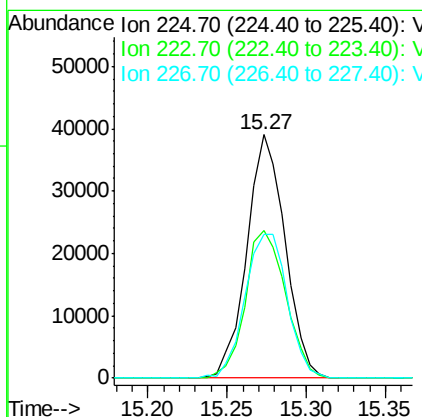
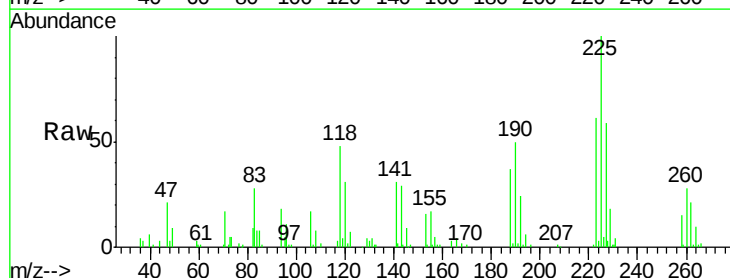
Manual Integrations
 APPROVED

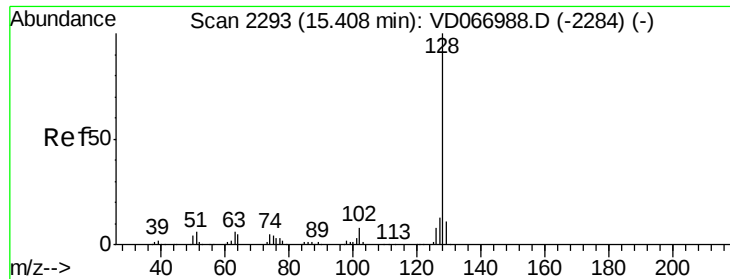
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#94
 Hexachlorobutadiene
 Concen: 19.761 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.0
227	65.6	31.6	95.0





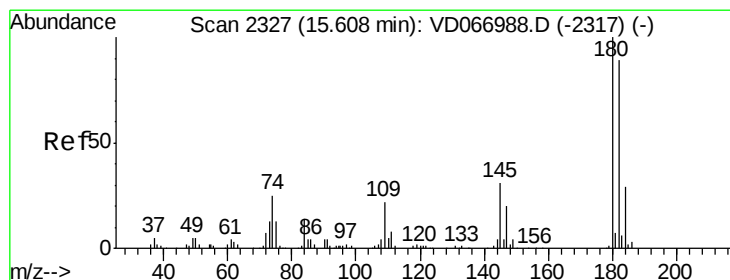
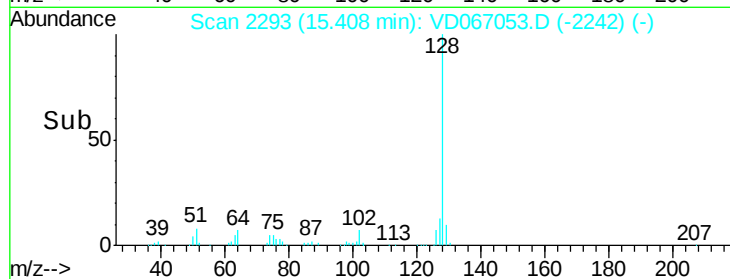
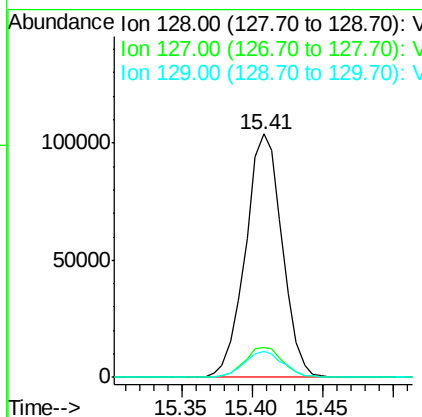
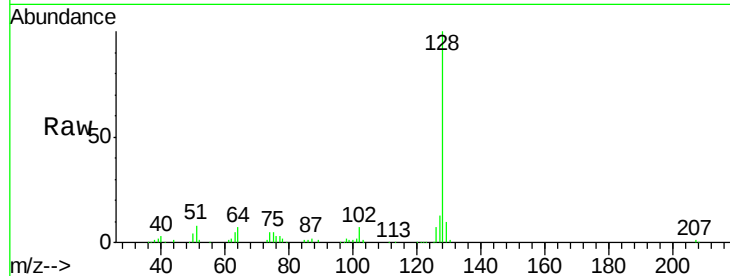
#95
Naphthalene
Concen: 20.982 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	188897		
127	12.8	10.3	15.5	
129	11.2	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.796 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102124		
182	92.3	46.4	139.1	
145	33.1	16.6	49.7	

