

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067369.D
 Acq On : 22 Oct 2020 18:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:12:03 PM

Quant Time: Oct 23 06:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	295617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	442405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149890	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.92	113	155546	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.34	98	542563	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	192562	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99629	41.218	ug/l	92
3) Chloromethane	2.21	50	76997	41.386	ug/l	96
4) Vinyl Chloride	2.35	62	84941	41.611	ug/l	98
5) Bromomethane	2.77	94	70694	49.755	ug/l	100
6) Chloroethane	2.93	64	56422	44.382	ug/l #	87
7) Trichlorofluoromethane	3.27	101	235185	45.754	ug/l	97
8) Diethyl Ether	3.71	74	57799	49.140	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	121182	44.373	ug/l	96
10) Methyl Iodide	4.30	142	111195	44.138	ug/l	96
11) Tert butyl alcohol	5.21	59	35133	223.299	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	110142	45.144	ug/l	91
13) Acrolein	3.92	56	42980	243.441	ug/l	99
14) Allyl chloride	4.71	41	130598	46.742	ug/l	98
15) Acrylonitrile	5.42	53	104613	266.549	ug/l	98
16) Acetone	4.16	43	99321	239.456	ug/l	94
17) Carbon Disulfide	4.41	76	292381	42.037	ug/l	98
18) Methyl Acetate	4.72	43	47829	50.556	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	253418	52.237	ug/l	100
20) Methylene Chloride	4.96	84	138773	52.452	ug/l #	95
21) trans-1,2-Dichloroethene	5.47	96	133711	47.624	ug/l	99
22) Diisopropyl ether	6.37	45	258144	50.577	ug/l	96
23) Vinyl Acetate	6.31	43	781658	269.188	ug/l	99
24) 1,1-Dichloroethane	6.26	63	212458	48.628	ug/l	97
25) 2-Butanone	7.21	43	123719	261.670	ug/l	94
26) 2,2-Dichloropropane	7.21	77	208809	46.368	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	153015	49.727	ug/l	99
28) Bromochloromethane	7.55	49	79126	53.096	ug/l #	99
29) Tetrahydrofuran	7.56	42	67147	255.484	ug/l	92
30) Chloroform	7.71	83	261669	50.135	ug/l	94
31) Cyclohexane	7.99	56	146005	42.802	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	247532	48.337	ug/l	98
36) 1,1-Dichloropropene	8.11	75	179269	47.809	ug/l	99
37) Ethyl Acetate	7.29	43	60285	54.645	ug/l #	90
38) Carbon Tetrachloride	8.10	117	233496	48.722	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	186291	47.523	ug/l	95
40) Benzene	8.36	78	509187	49.499	ug/l	97
41) Methacrylonitrile	7.53	41	31385m	52.645	ug/l	
42) 1,2-Dichloroethane	8.43	62	160981	50.006	ug/l	100
43) Isopropyl Acetate	8.46	43	114222	52.178	ug/l	99
44) Trichloroethene	9.11	130	161050	48.898	ug/l	100
45) 1,2-Dichloropropane	9.39	63	114201	47.902	ug/l	98
46) Dibromomethane	9.48	93	76304	51.370	ug/l	96
47) Bromodichloromethane	9.67	83	205682	51.683	ug/l	99
48) Methyl methacrylate	9.46	41	56647	53.249	ug/l	97
49) 1,4-Dioxane	9.47	88	15257	1063.313	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	293540	268.847	ug/l	99
52) Toluene	10.41	92	347173	49.551	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	179803	51.432	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	204545	49.994	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	103369	51.033	ug/l	97
56) Ethyl methacrylate	10.67	69	116522	55.468	ug/l	97
57) 1,3-Dichloropropane	10.95	76	165191	51.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	294222	273.021	ug/l	99
59) 2-Hexanone	10.99	43	199184	266.970	ug/l	98
60) Dibromochloromethane	11.14	129	150695	51.015	ug/l	99
61) 1,2-Dibromoethane	11.25	107	103203	51.682	ug/l	99
64) Tetrachloroethene	10.88	164	140428	46.742	ug/l	93
65) Chlorobenzene	11.67	112	390953	49.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	158583	50.180	ug/l	99
67) Ethyl Benzene	11.75	91	669401	49.111	ug/l	100
68) m/p-Xylenes	11.86	106	526436	100.296	ug/l	97
69) o-Xylene	12.18	106	242186	49.828	ug/l	96
70) Styrene	12.20	104	424271	50.708	ug/l	100
71) Bromoform	12.37	173	89151	52.511	ug/l #	99
73) Isopropylbenzene	12.48	105	674940	50.144	ug/l	99
74) N-amyl acetate	12.29	43	105130	51.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	103257	50.066	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	76723m	52.195	ug/l	
77) Bromobenzene	12.77	156	164346	48.975	ug/l	97
78) n-propylbenzene	12.83	91	759093	48.675	ug/l	99
79) 2-Chlorotoluene	12.91	91	447569	49.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	584495	49.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33232	51.268	ug/l	93
82) 4-Chlorotoluene	13.01	91	475636	49.551	ug/l	98
83) tert-Butylbenzene	13.23	119	500103	50.616	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	590110	51.044	ug/l	100
85) sec-Butylbenzene	13.41	105	655998	48.387	ug/l	100
86) p-Isopropyltoluene	13.52	119	638782	49.919	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	318737	49.347	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	318725	49.806	ug/l	100
89) n-Butylbenzene	13.85	91	559505	49.700	ug/l	99
90) Hexachloroethane	14.12	117	107861	48.302	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	277771	49.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19251	51.380	ug/l	93

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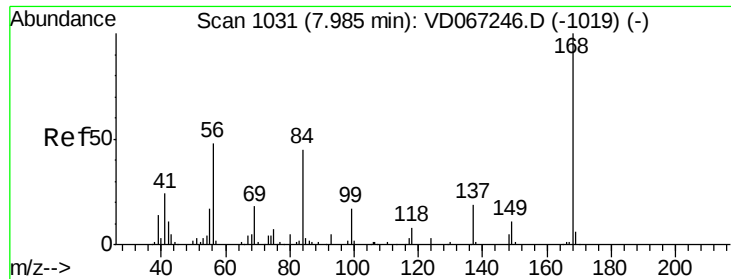
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	192340	50.558	ug/l	98
94) Hexachlorobutadiene	15.27	225	116643	49.374	ug/l	98
95) Naphthalene	15.41	128	338834	54.247	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	173491	52.787	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 295617

Ion Ratio Lower Upper

168 100

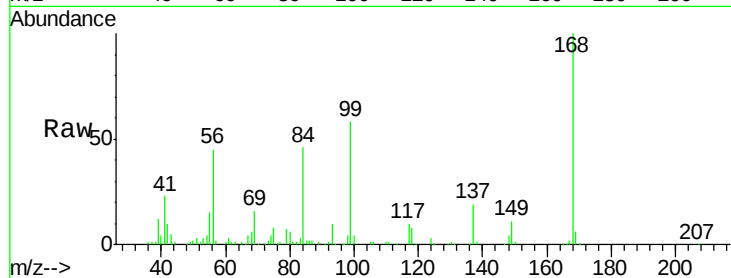
99 58.0 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

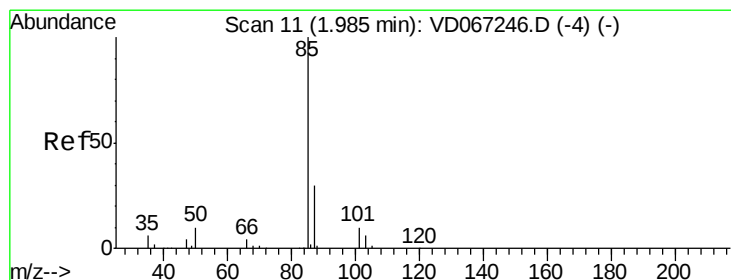
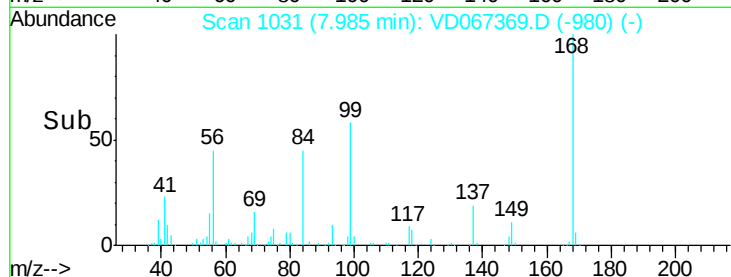
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.218 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067369.D

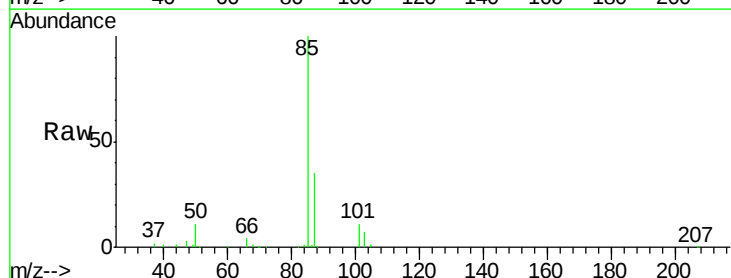
Acq: 22 Oct 2020 18:23

Tgt Ion: 85 Resp: 99629

Ion Ratio Lower Upper

85 100

87 34.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

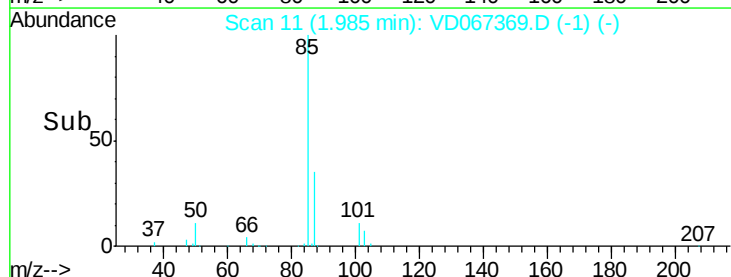
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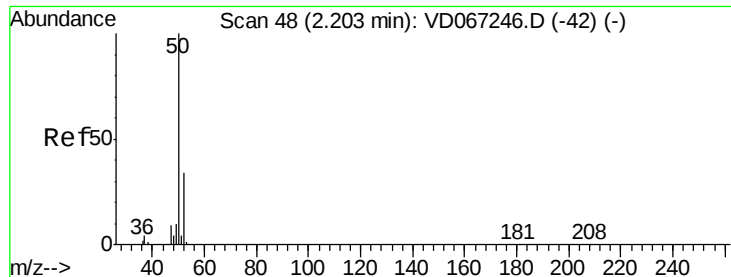
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.386 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 76997

Ion Ratio Lower Upper

50 100

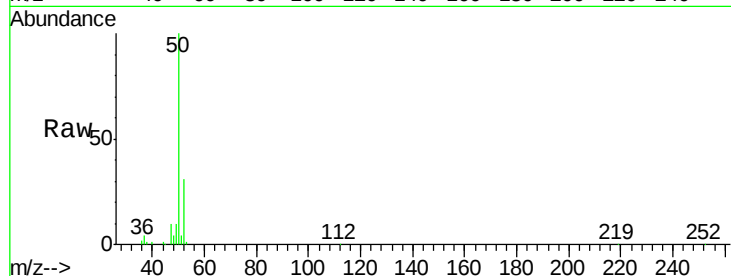
52 31.5 27.1 40.7

Manual Integrations

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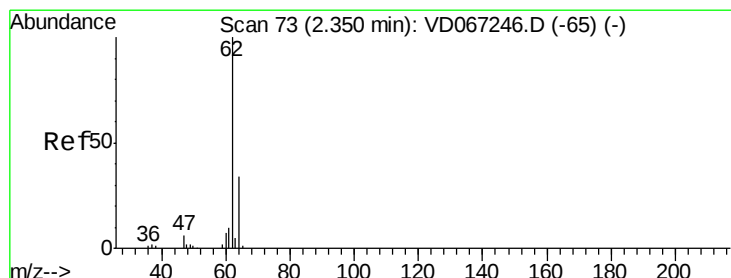
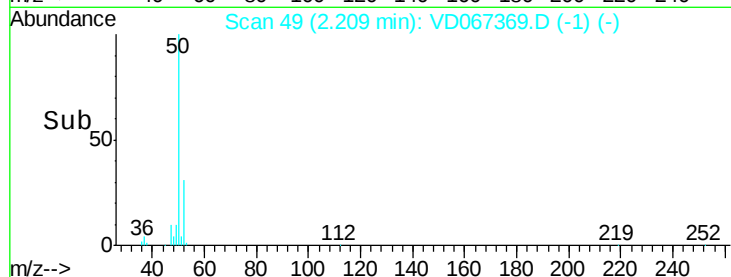
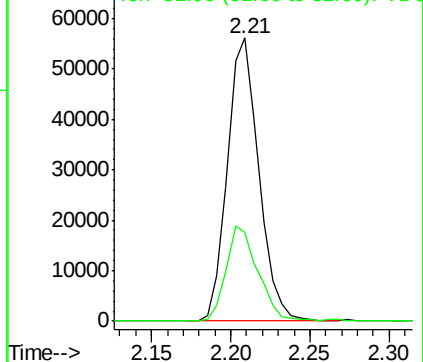
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.611 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067369.D

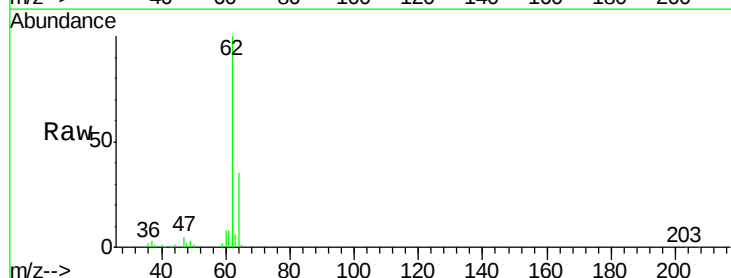
Acq: 22 Oct 2020 18:23

Tgt Ion: 62 Resp: 84941

Ion Ratio Lower Upper

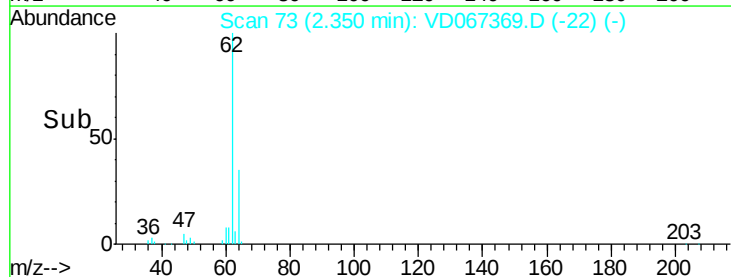
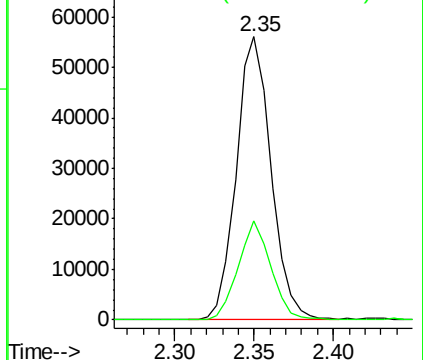
62 100

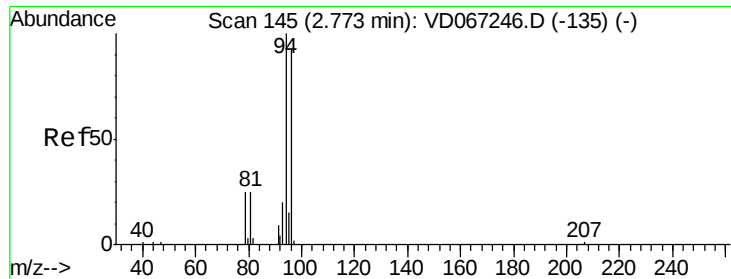
64 35.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.755 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70694

Ion Ratio Lower Upper

94 100

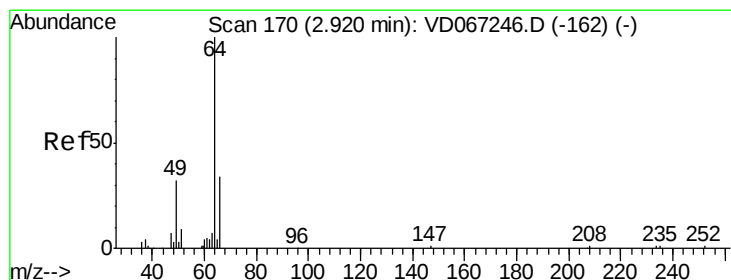
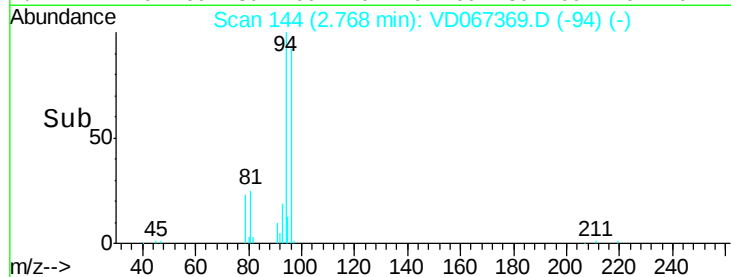
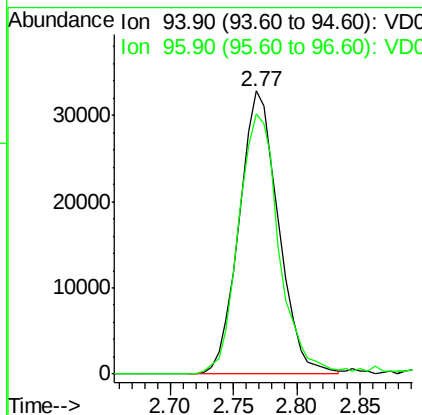
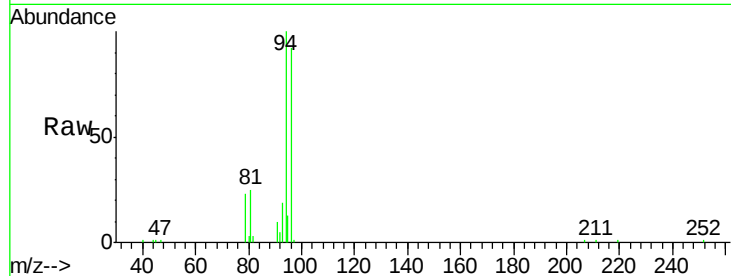
96 91.8 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 44.382 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067369.D

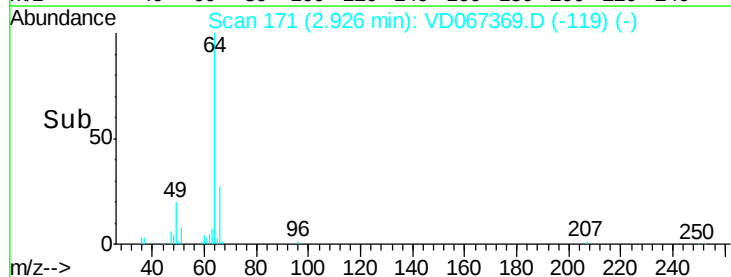
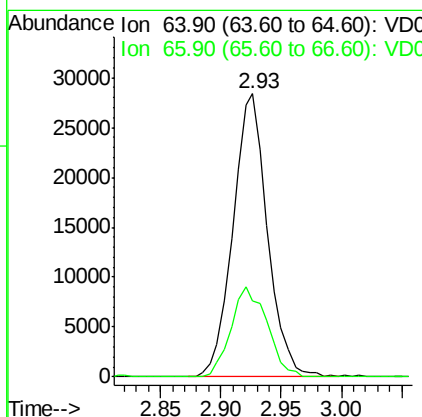
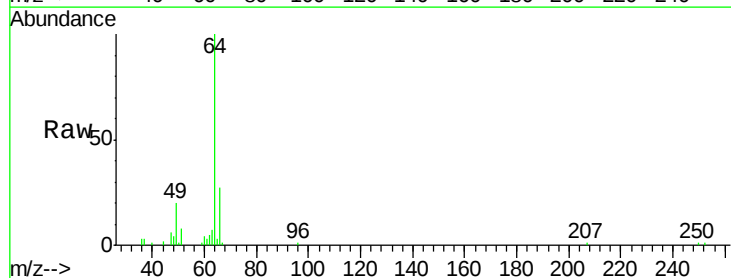
Acq: 22 Oct 2020 18:23

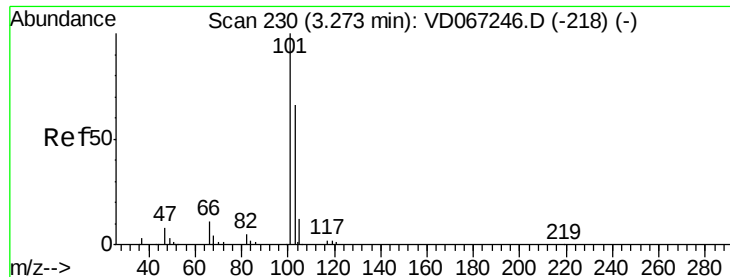
Tgt Ion: 64 Resp: 56422

Ion Ratio Lower Upper

64 100

66 26.8 27.4 41.0#





#7

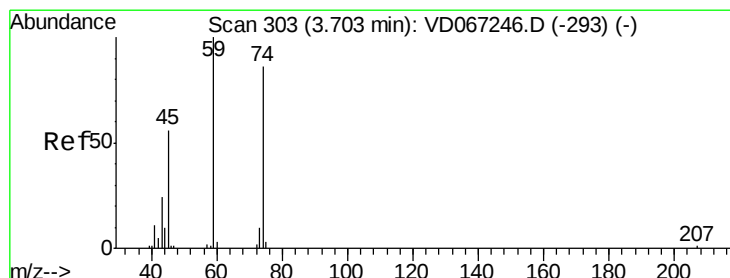
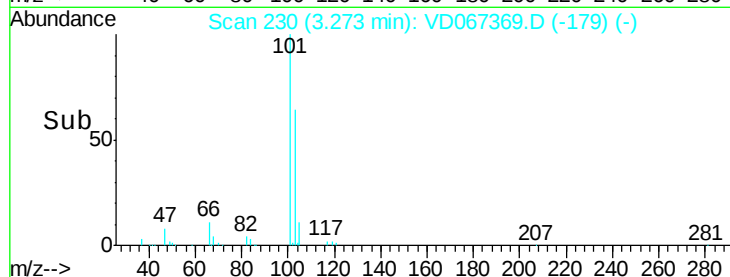
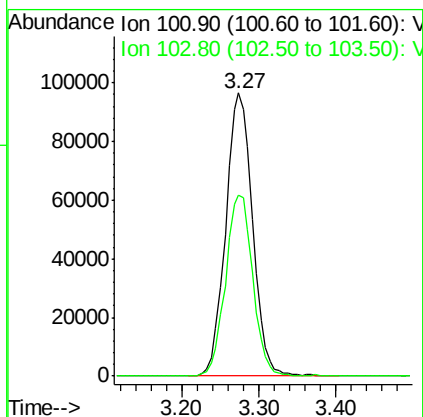
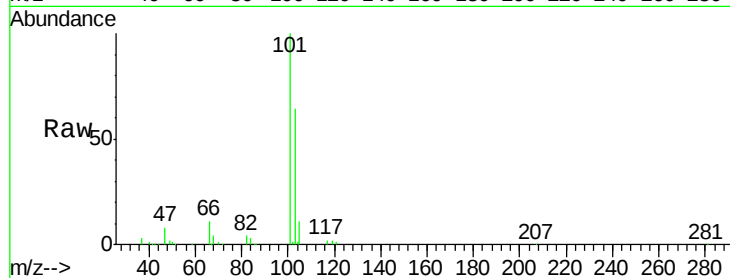
Trichlorofluoromethane
Concen: 45.754 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.1	79.7

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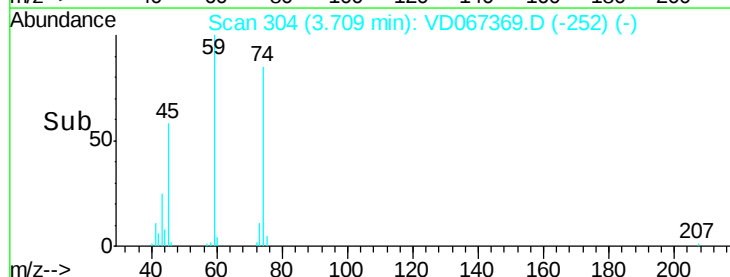
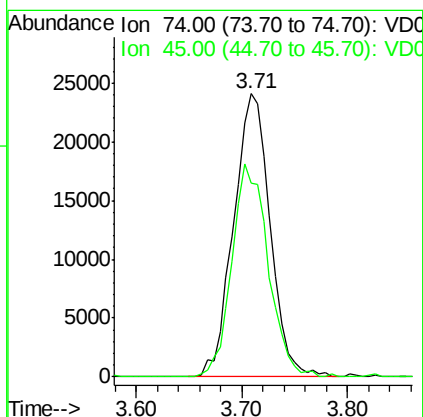
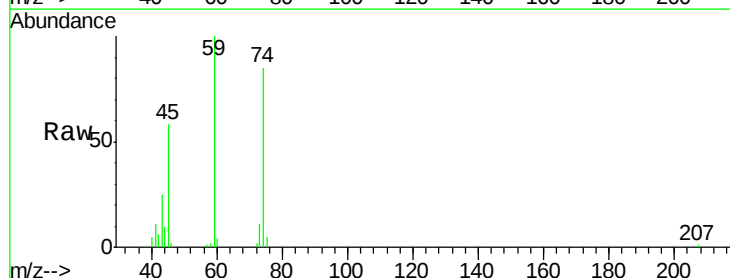
MMDadoda
10/23/2020 2:12:03 PM

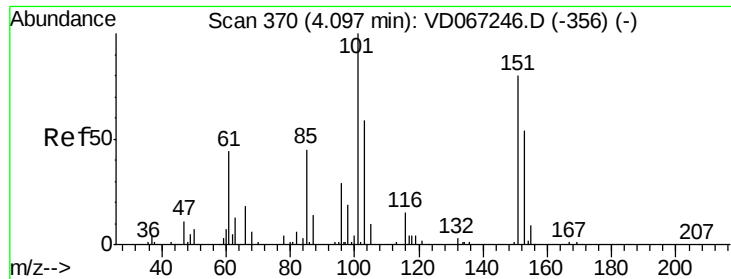


#8

Diethyl Ether
Concen: 49.140 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.3	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.373 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

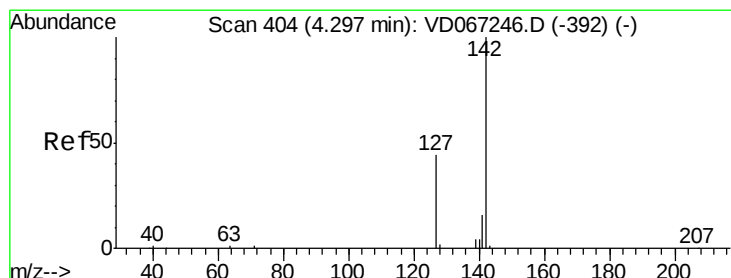
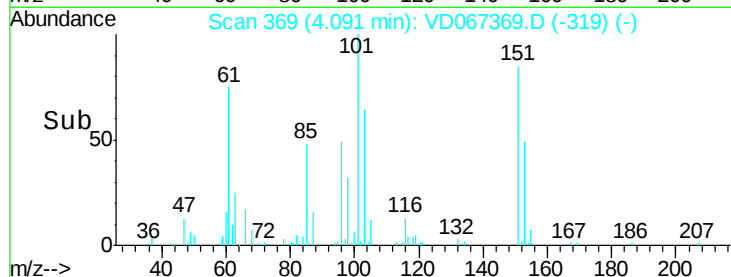
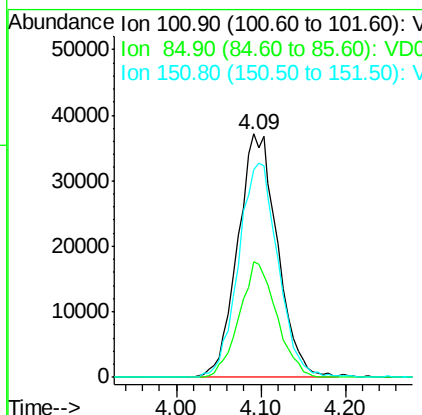
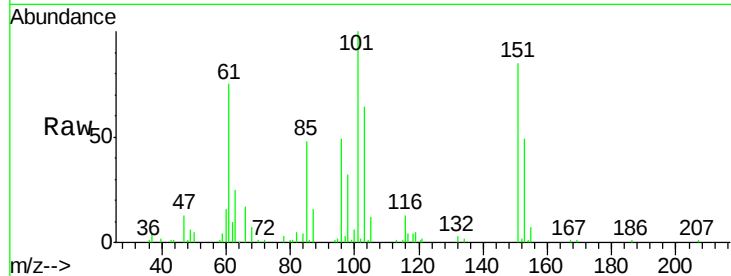
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121182
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.2	51.4
151	87.7	66.3	99.5

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#10

Methyl Iodide

Concen: 44.138 ug/l

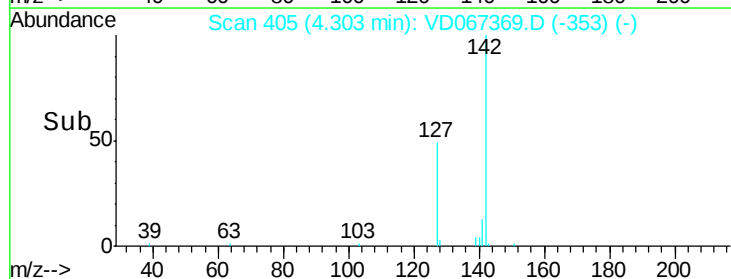
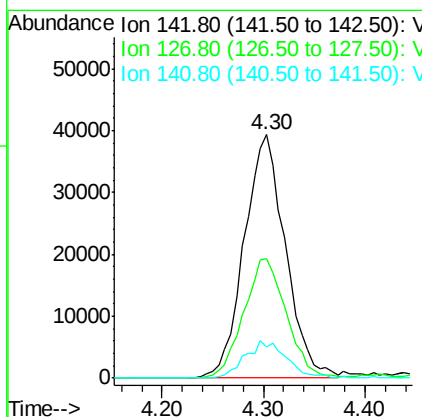
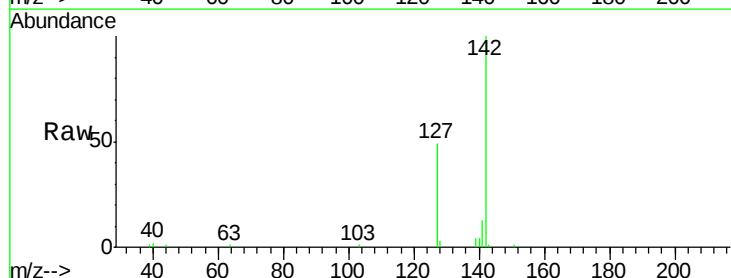
RT: 4.30 min Scan# 405

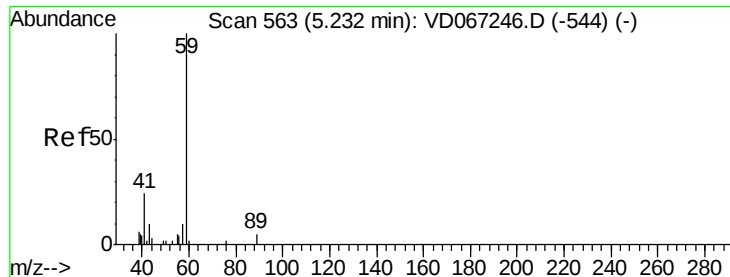
Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	142	Resp:	111195
Ion Ratio	Lower	Upper	
142	100		
127	50.8	38.4	57.6
141	15.2	11.6	17.4





#11

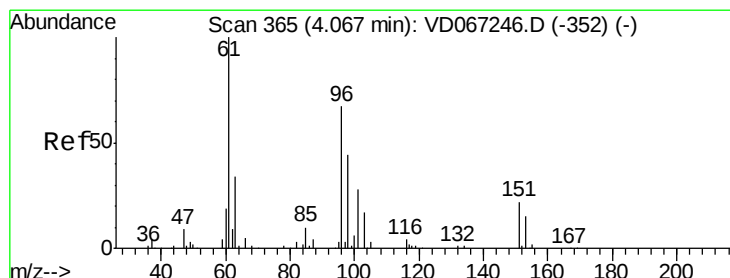
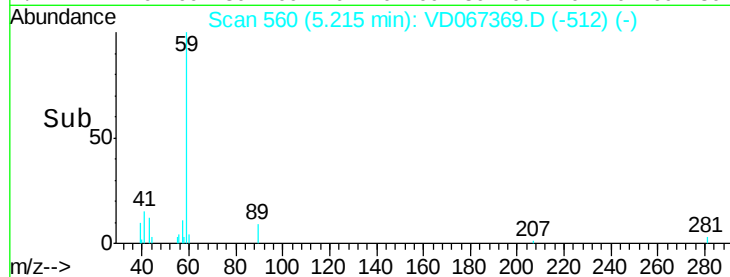
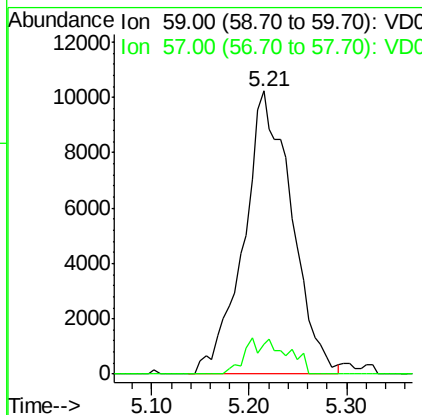
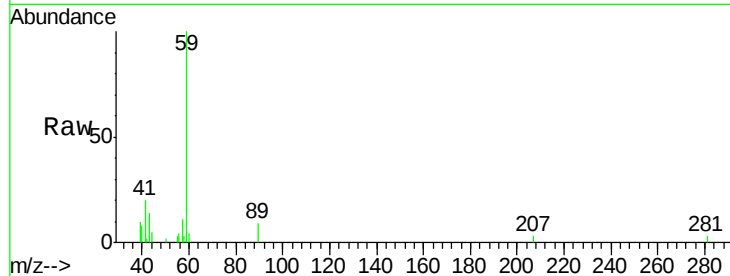
Tert butyl alcohol
Concen: 223.299 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 35133
Ion Ratio Lower Upper
59 100
57 3.9 5.1 7.7#

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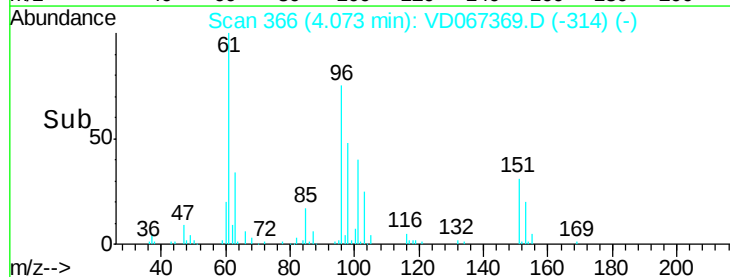
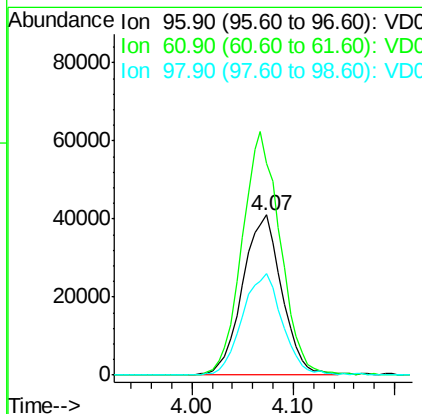
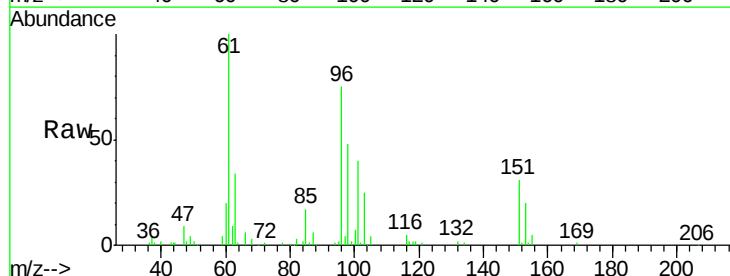
MMDadoda
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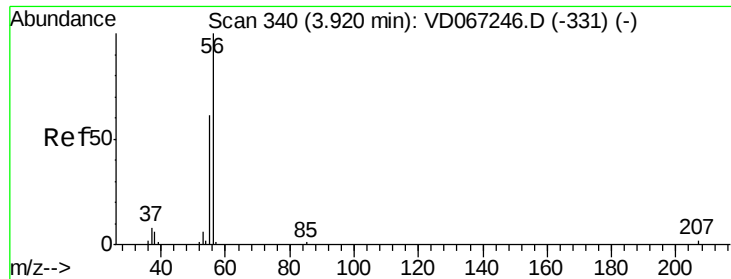


#12

1,1-Dichloroethene
Concen: 45.144 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 96 Resp: 110142
Ion Ratio Lower Upper
96 100
61 132.5 118.6 177.8
98 63.4 51.8 77.6





#13

Acrolein

Concen: 243.441 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42980

Ion Ratio Lower Upper

56 100

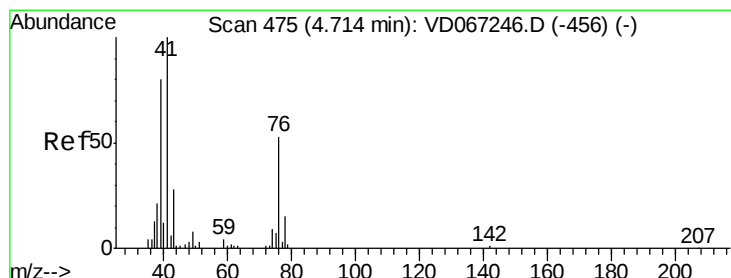
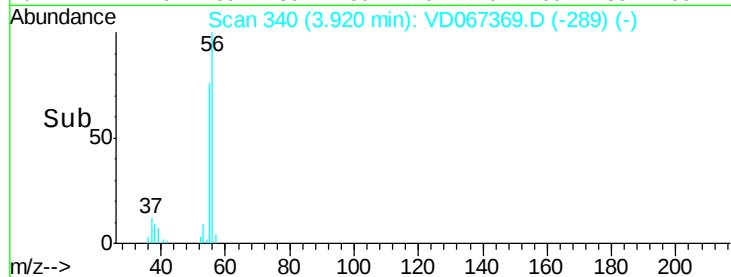
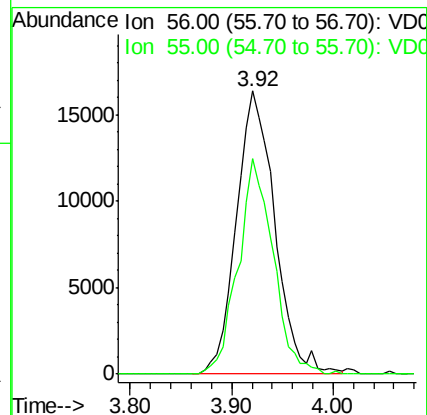
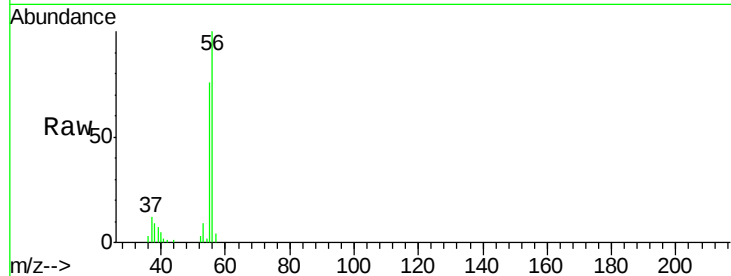
55 69.4 56.0 84.0

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#14

Allyl chloride

Concen: 46.742 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

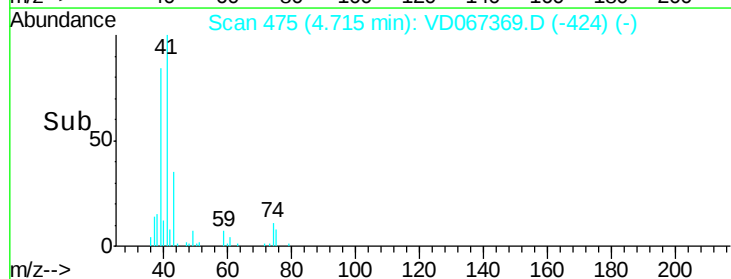
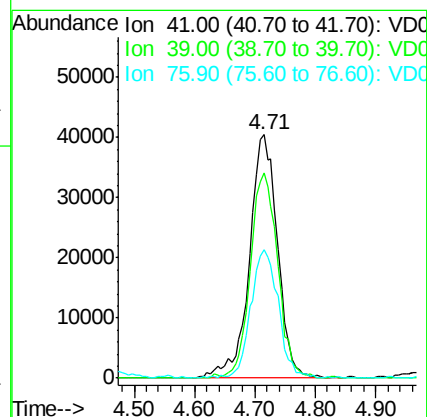
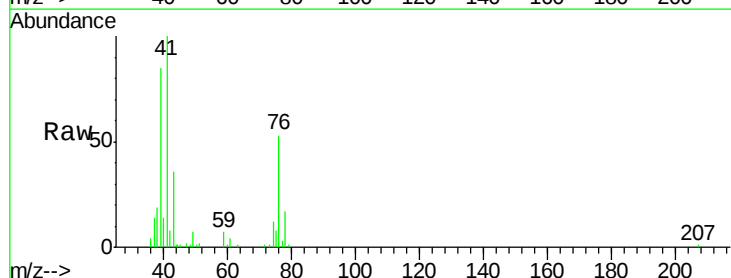
Tgt Ion: 41 Resp: 130598

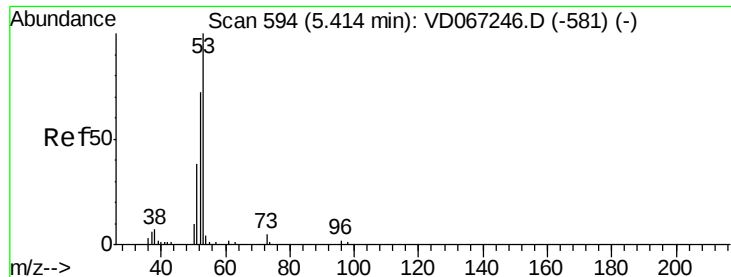
Ion Ratio Lower Upper

41 100

39 82.1 63.8 95.6

76 51.9 40.4 60.6





#15

Acrylonitrile

Concen: 266.549 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

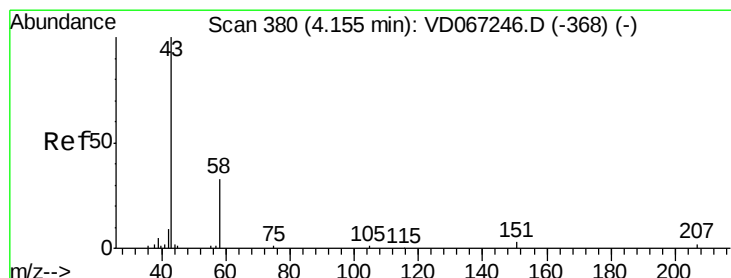
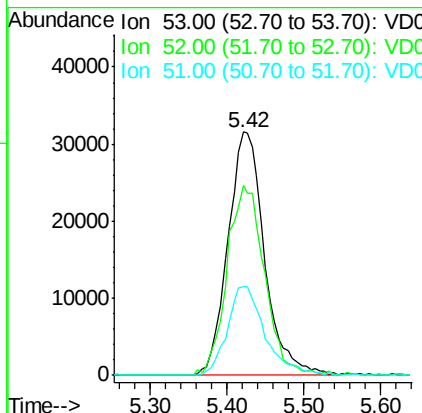
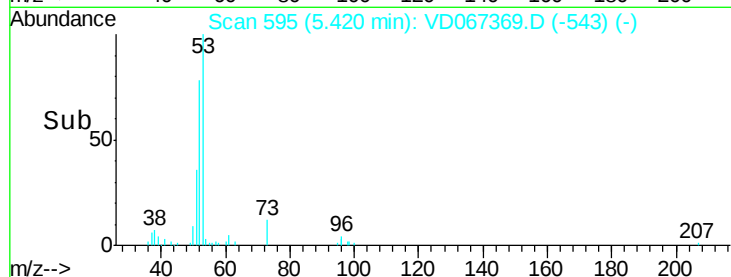
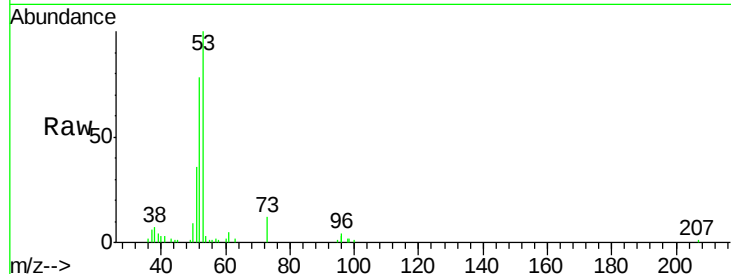
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	104613
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.6	98.4
51	37.6	30.8	46.2

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#16

Acetone

Concen: 239.456 ug/l

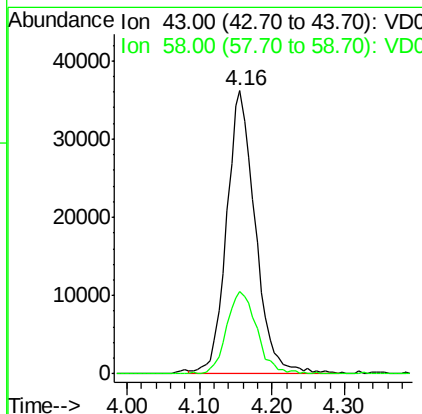
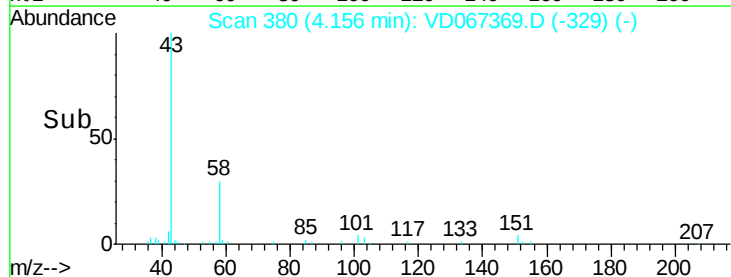
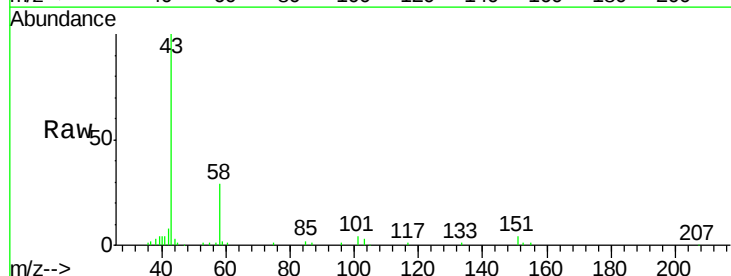
RT: 4.16 min Scan# 380

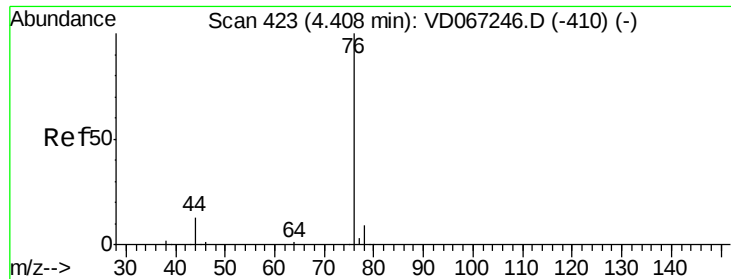
Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	43	Resp:	99321
Ion	Ratio	Lower	Upper
43	100		
58	29.1	26.1	39.1





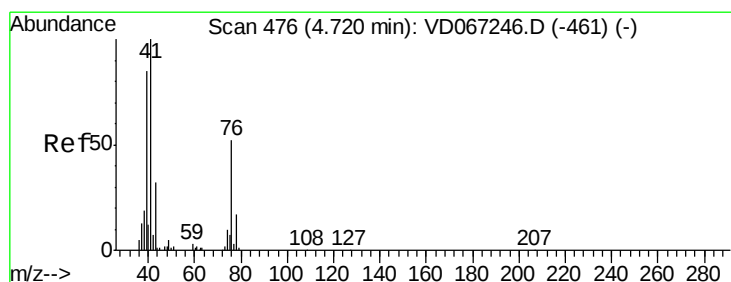
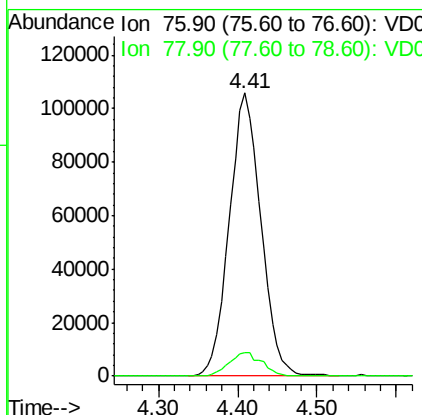
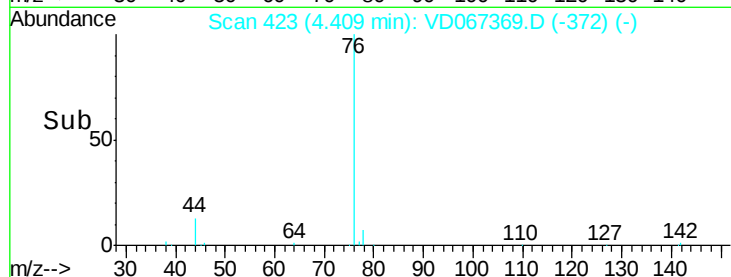
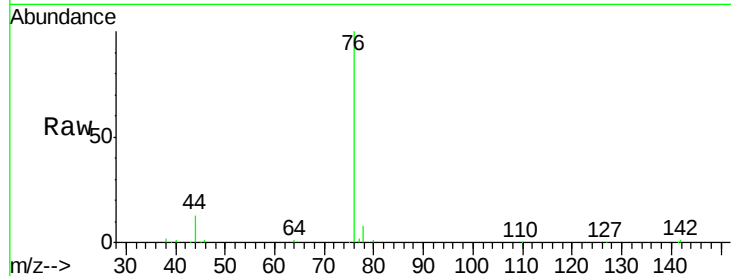
#17
Carbon Disulfide
Concen: 42.037 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.0

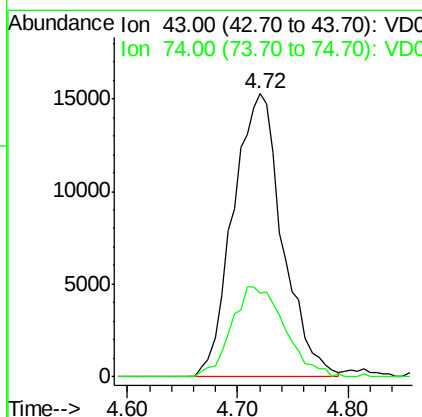
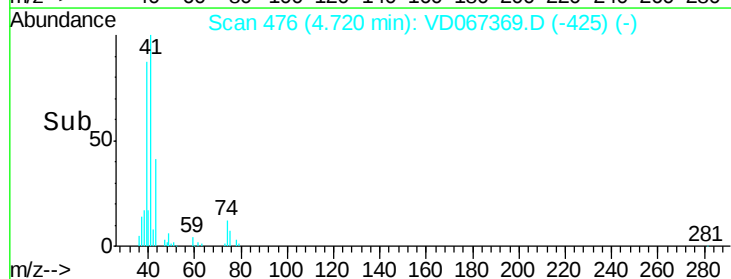
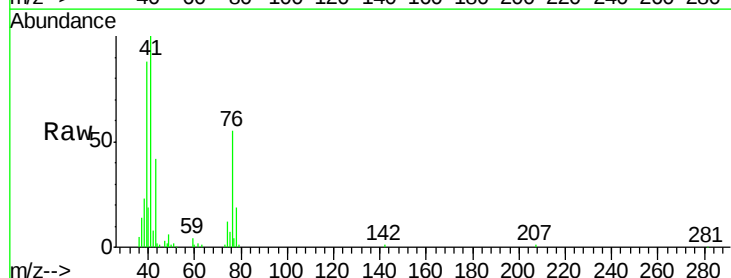
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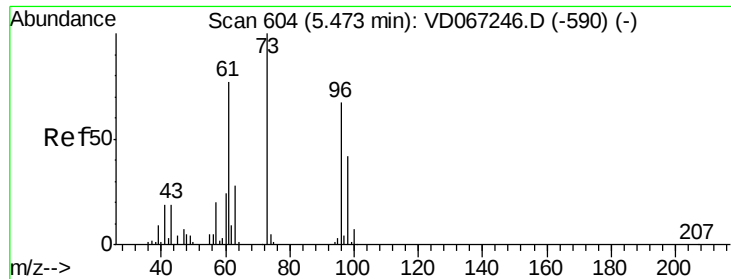
MMDadoda
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#18
Methyl Acetate
Concen: 50.556 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.2	26.6	39.8





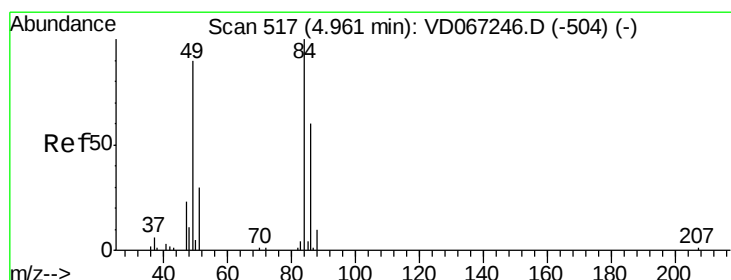
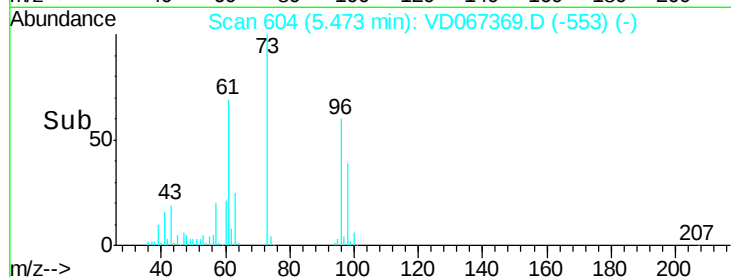
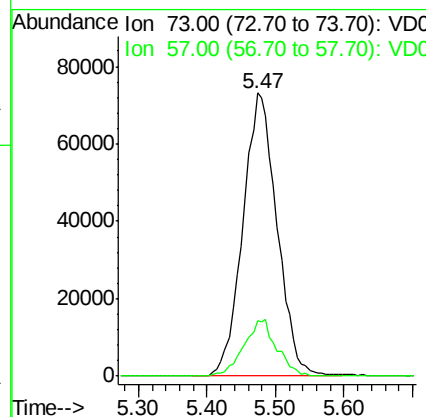
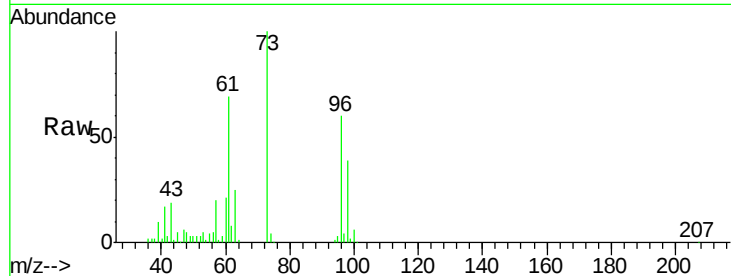
#19
Methvl tert-butvl Ether
Concen: 52.237 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 253418
Ion Ratio Lower Upper
73 100
57 19.8 15.7 23.5

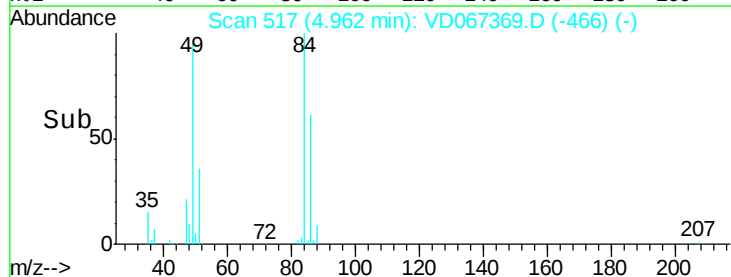
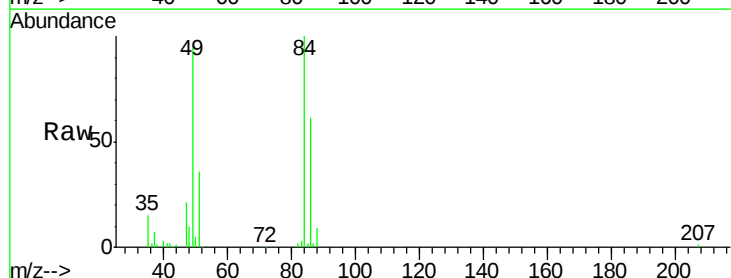
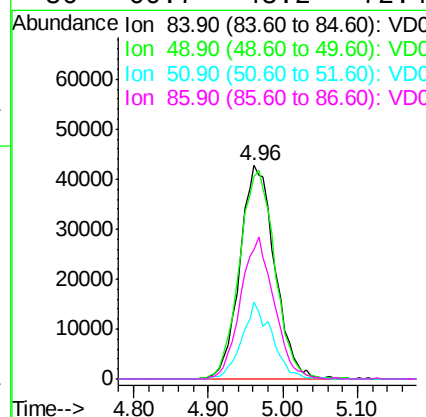
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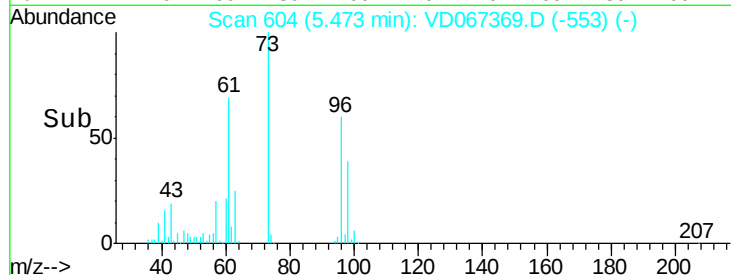
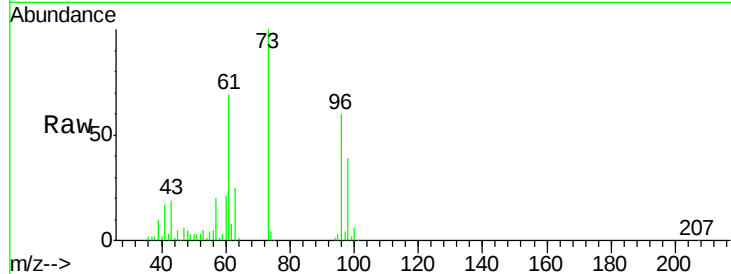
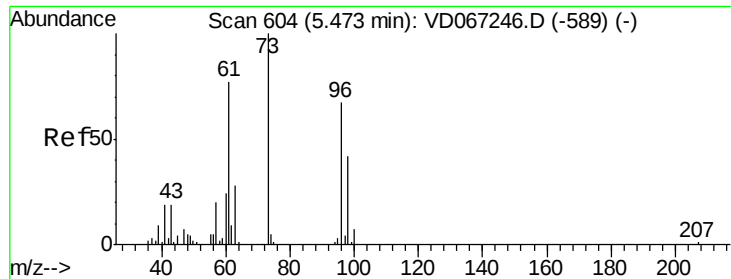
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#20
Methylene Chloride
Concen: 52.452 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 84 Resp: 138773
Ion Ratio Lower Upper
84 100
49 94.9 72.2 108.2
51 35.9 23.8 35.8#
86 60.7 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 47.624 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067369.D

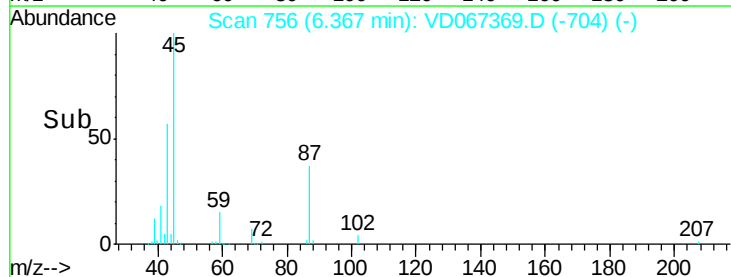
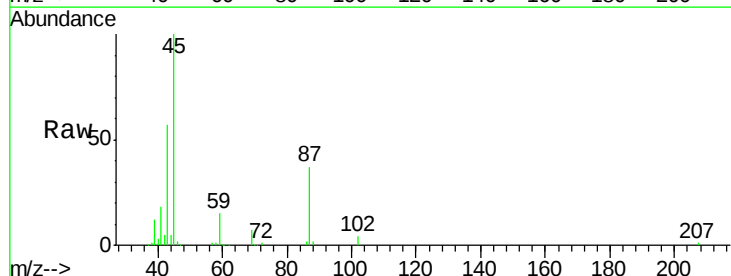
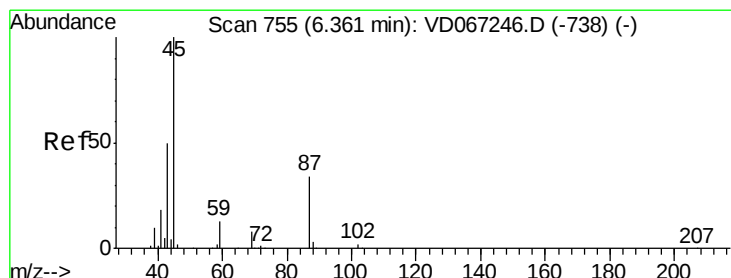
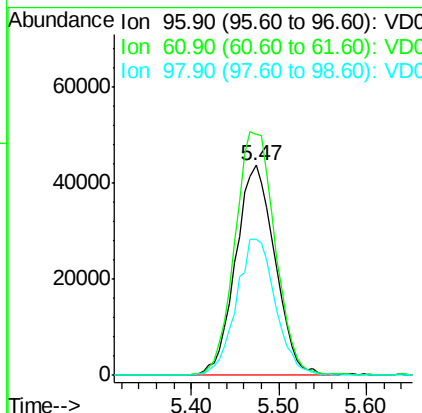
Acq: 22 Oct 2020 18:23

Tot Ion:	96	Resp:	133711
Ion Ratio	Lower	Upper	
96	100		
61	114.7	92.0	138.0
98	64.7	49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.577 ug/l

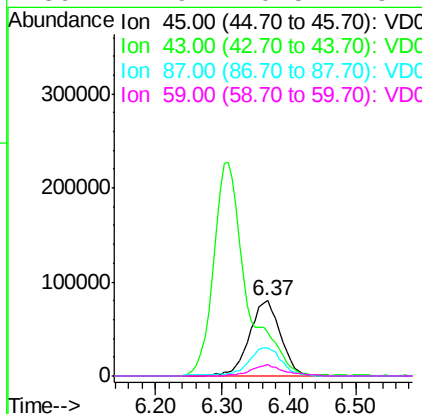
RT: 6.37 min Scan# 756

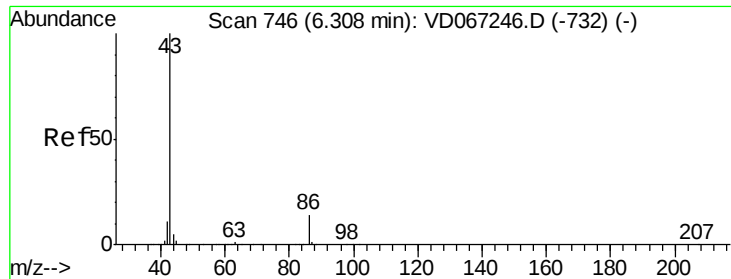
Delta R.T. 0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	45	Resp:	258144
Ion Ratio	Lower	Upper	
45	100		
43	56.0	48.0	72.0
87	36.9	28.5	42.7
59	14.9	10.5	15.7





#23

Vinyl Acetate

Concen: 269.188 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 781658

Ion Ratio Lower Upper

43 100

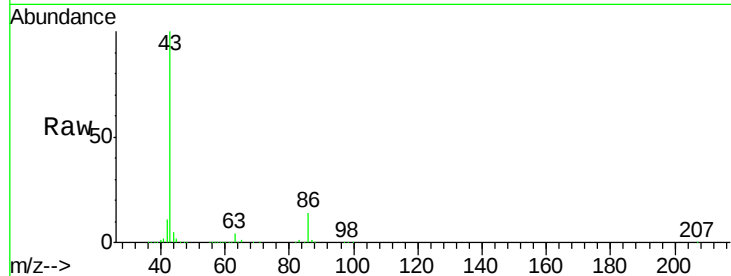
86 14.3 11.0 16.6

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

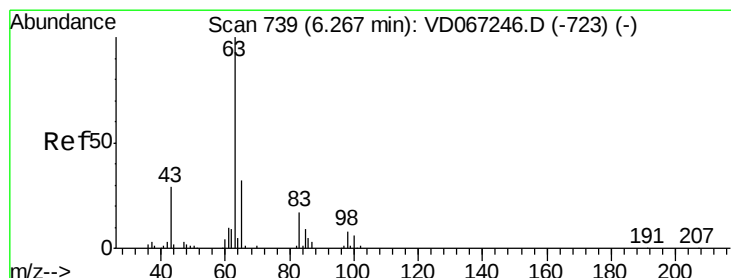
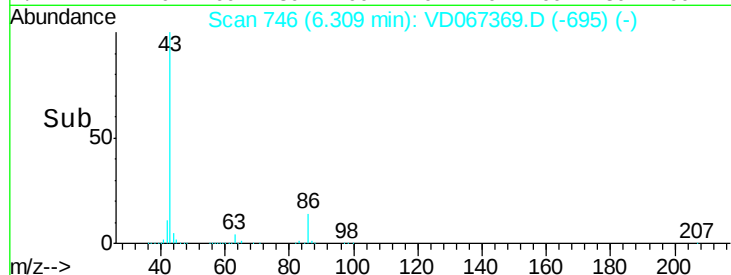
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 48.628 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

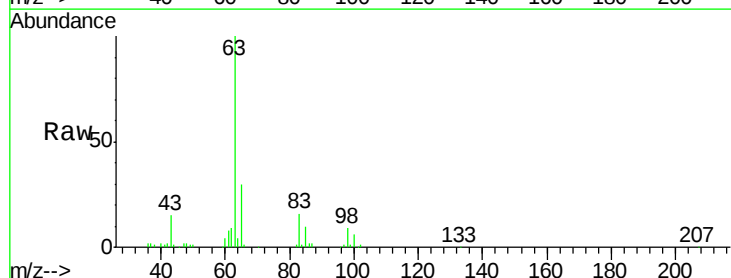
Tgt Ion: 63 Resp: 212458

Ion Ratio Lower Upper

63 100

98 9.4 4.0 12.2

100 6.3 2.8 8.4



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

6.26

80000

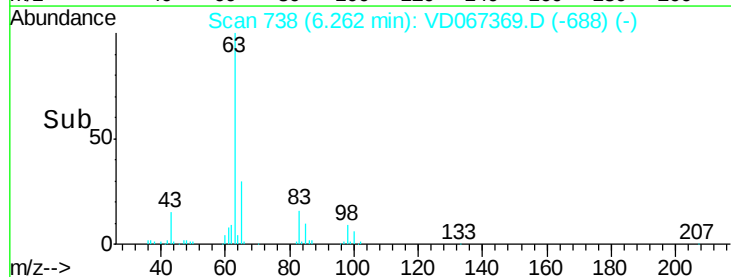
60000

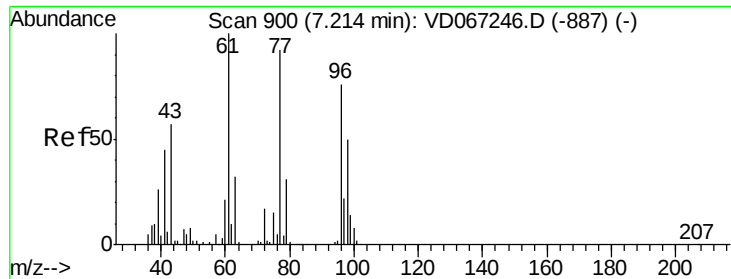
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 261.670 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 123719

Ion Ratio Lower Upper

43 100

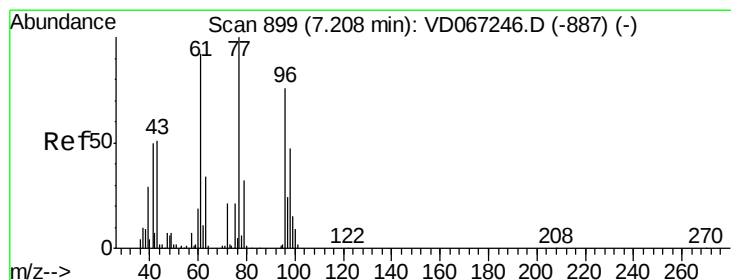
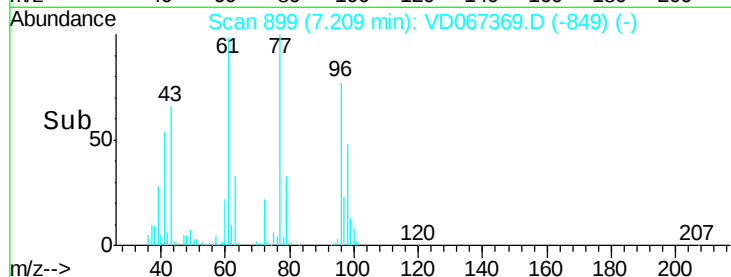
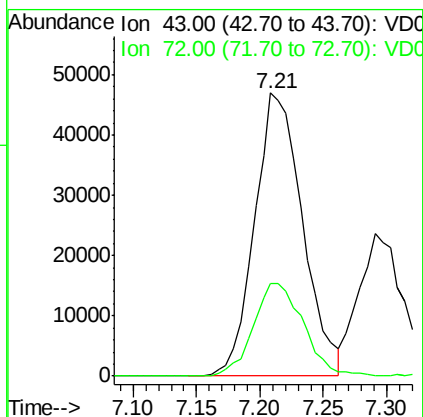
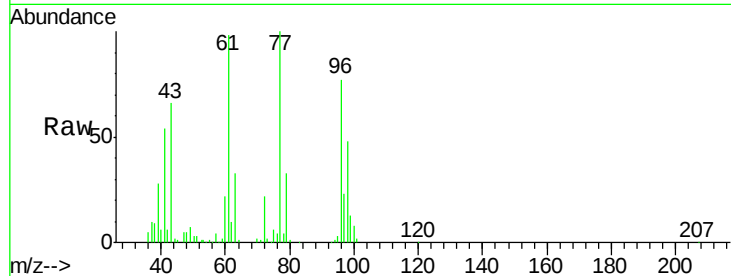
72 32.6 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.368 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067369.D

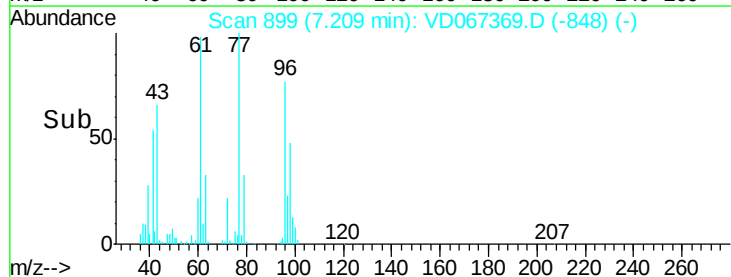
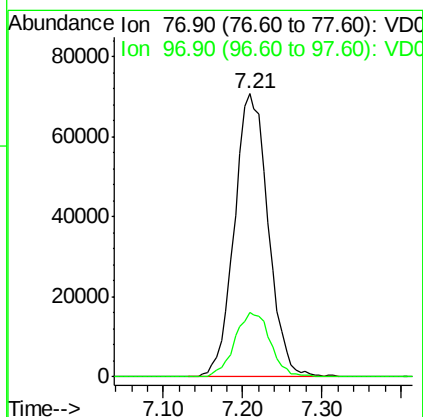
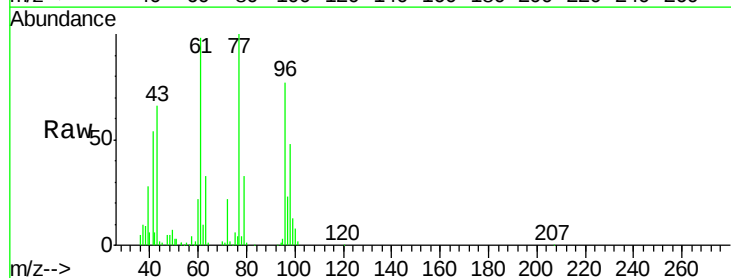
Acq: 22 Oct 2020 18:23

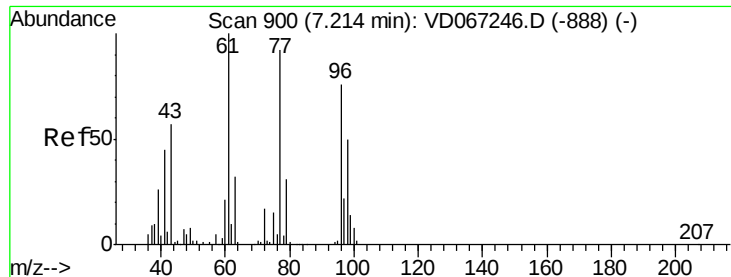
Tgt Ion: 77 Resp: 208809

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

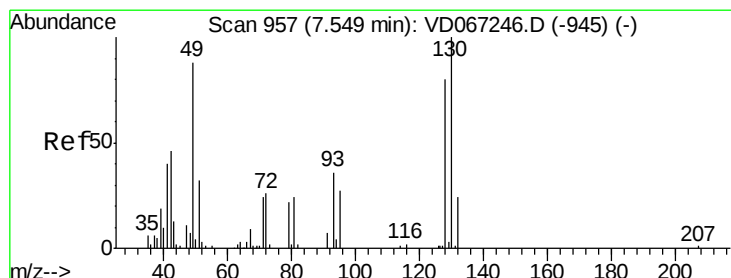
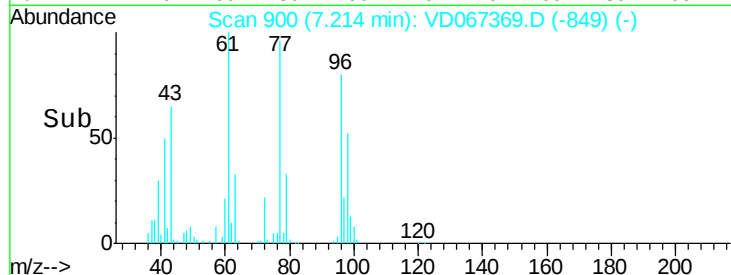
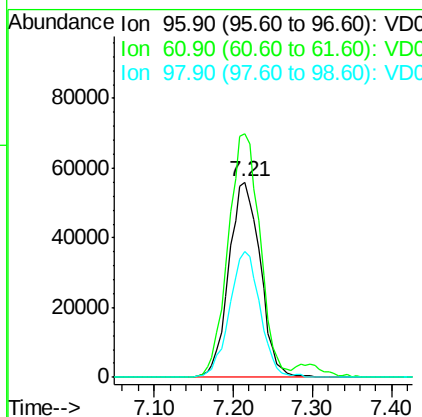
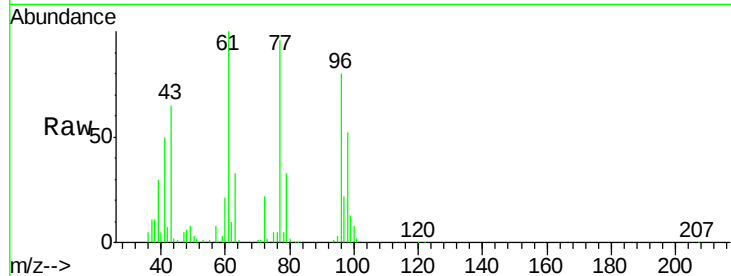
cis-1,2-Dichloroethene
Concen: 49.727 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153015		
61	127.1		0.0	255.4
98	63.3		0.0	128.0

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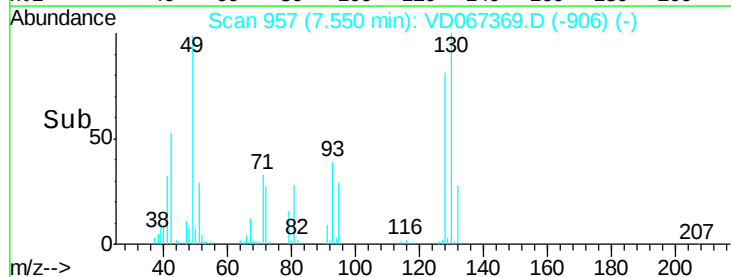
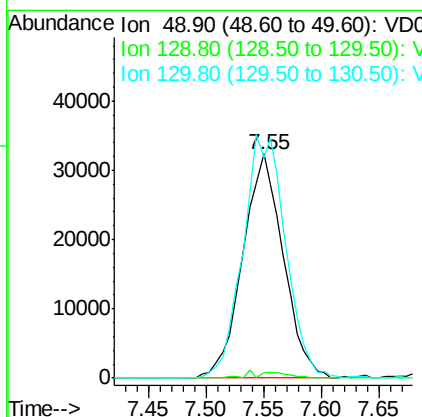
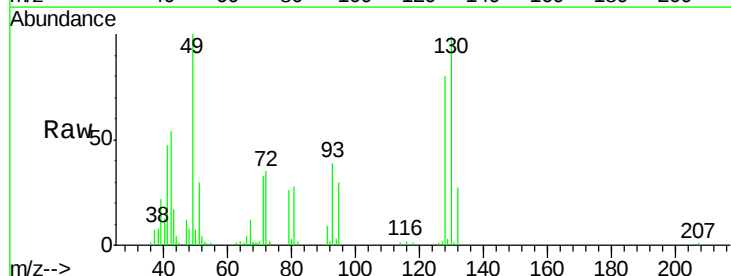
MMDadoda
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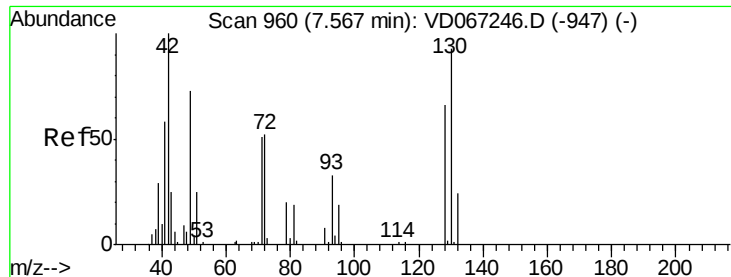


#28

Bromochloromethane
Concen: 53.096 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79126		
129	1.7		0.0	1.6#
130	114.4		91.0	136.6





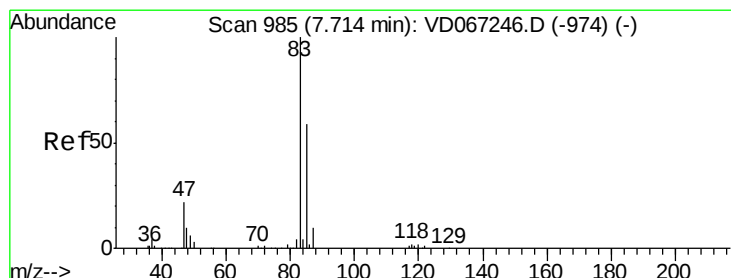
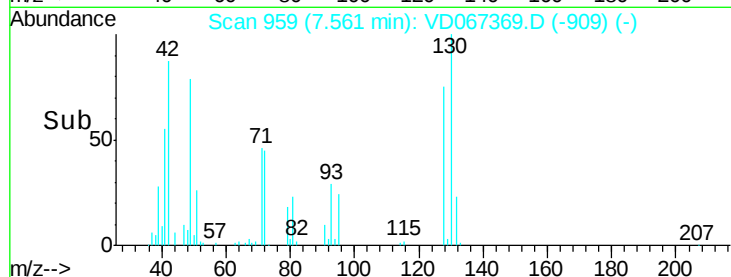
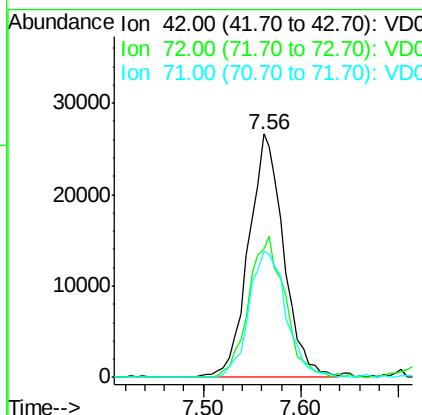
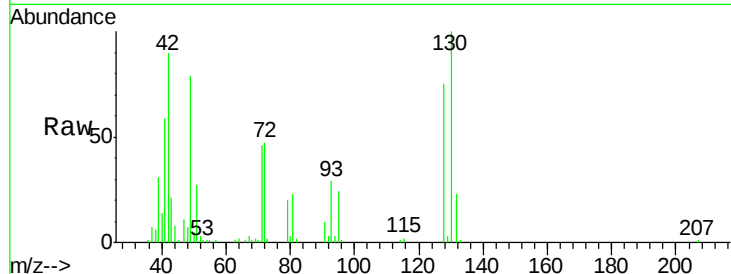
#29
Tetrahydrofuran
Concen: 255.484 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	59.8	43.2	64.8
71	54.7	39.4	59.0

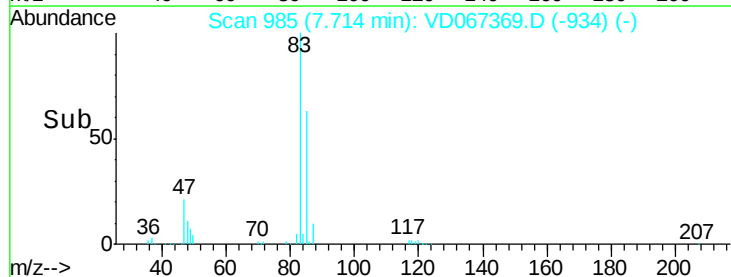
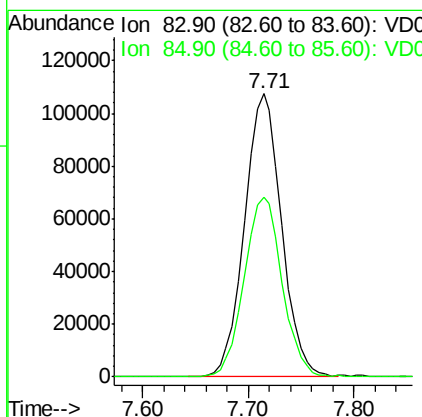
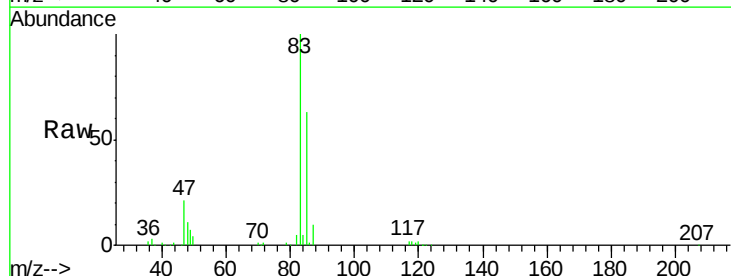
Manual Integrations
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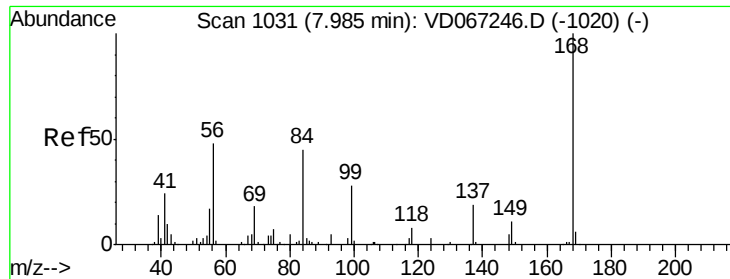
MMDadoda
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#30
Chloroform
Concen: 50.135 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	47.3	70.9





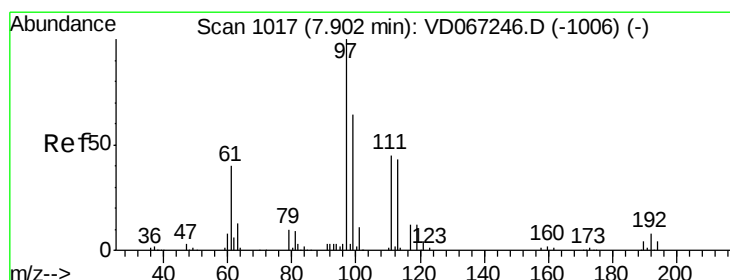
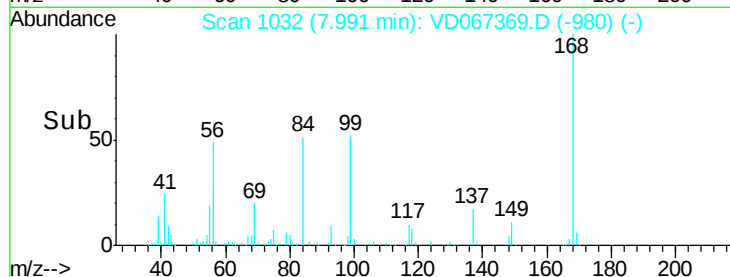
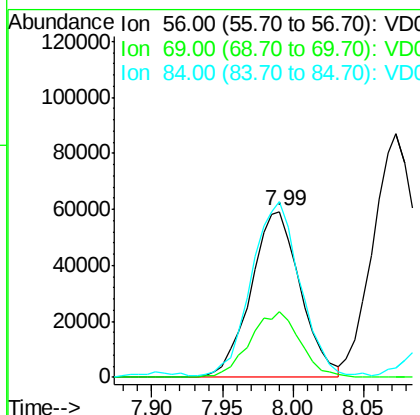
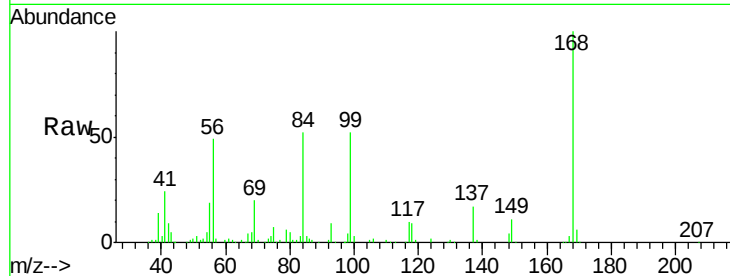
#31
Cyclohexane
Concen: 42.802 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	146005		
69	39.6		29.8	44.6
84	104.5		76.6	114.8

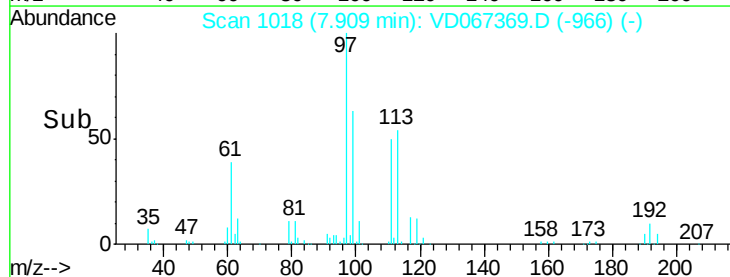
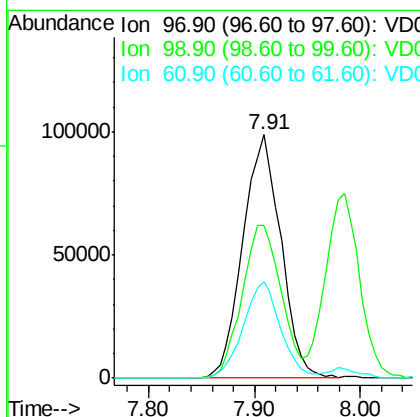
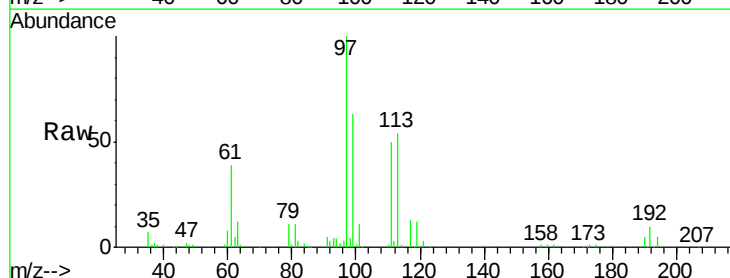
Manual Integrations
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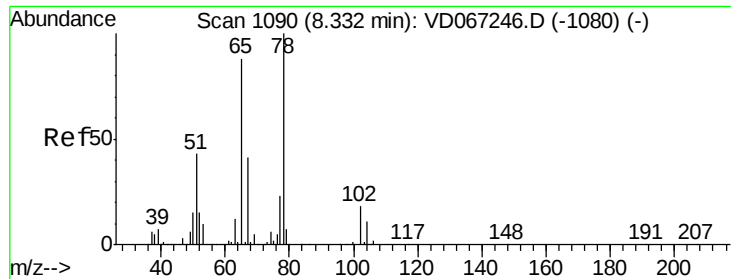
MMDadoda
10/23/2020 2:12:03 PM



#32
1,1,1-Trichloroethane
Concen: 48.337 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	247532		
99	64.5		50.2	75.4
61	39.0		30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 50.610 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 149890

Ion Ratio Lower Upper

65 100

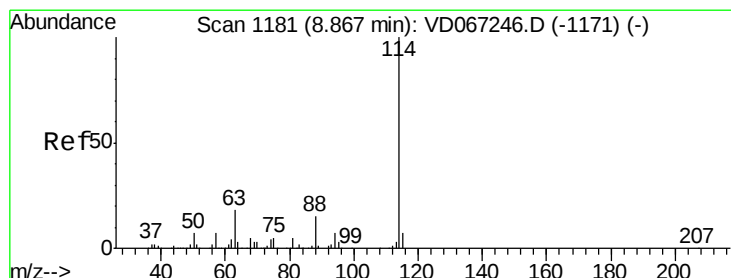
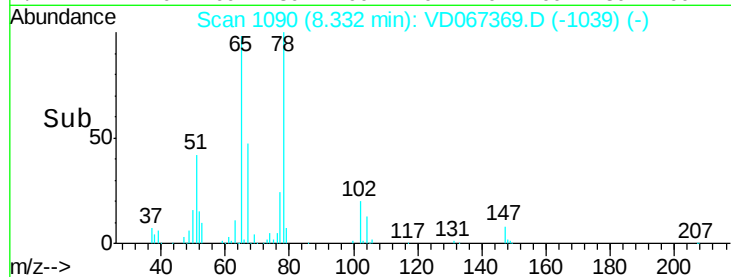
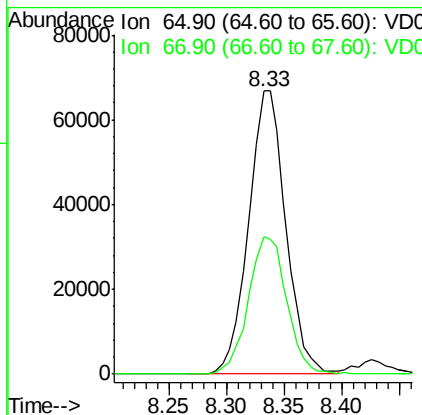
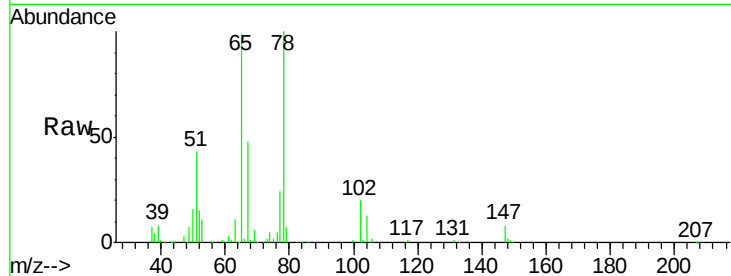
67 49.9 0.0 103.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

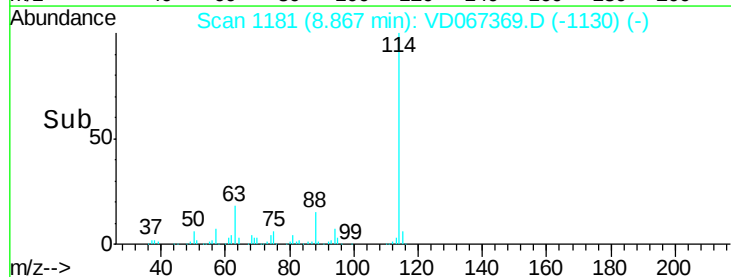
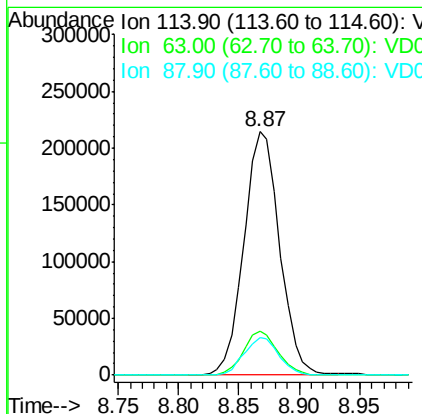
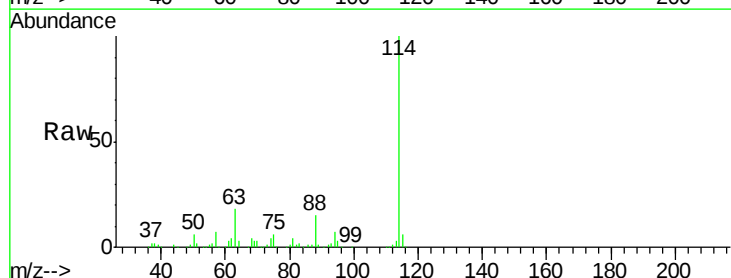
Tgt Ion: 114 Resp: 442405

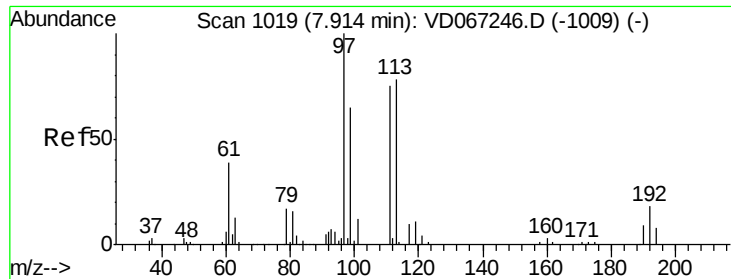
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 15.4 0.0 30.6





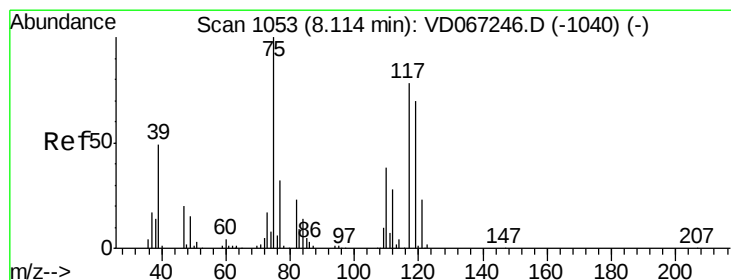
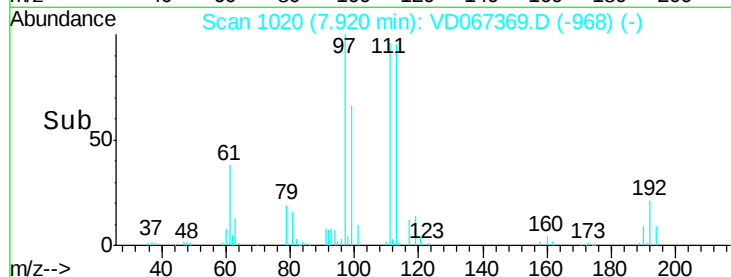
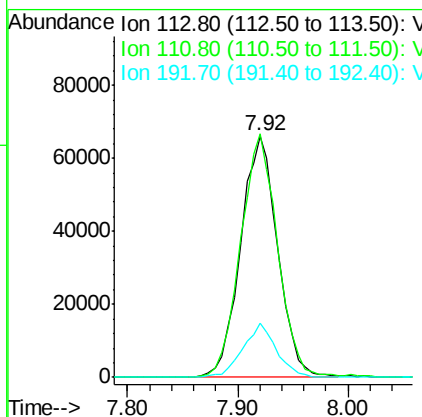
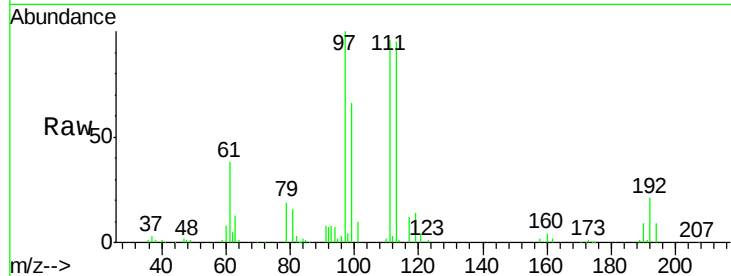
#35
Dibromofluoromethane
Concen: 52.831 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	155546		
111	101.0	81.6	122.4	
192	20.4	17.0	25.4	

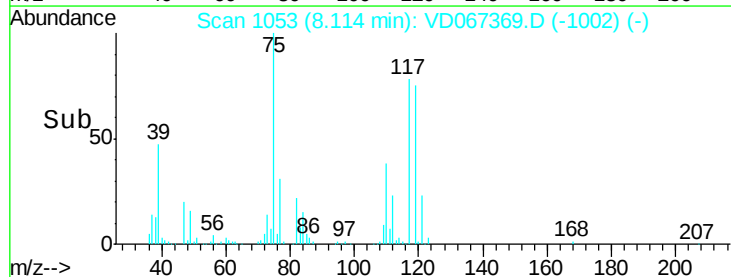
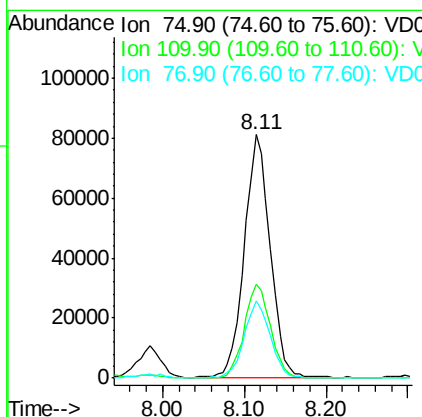
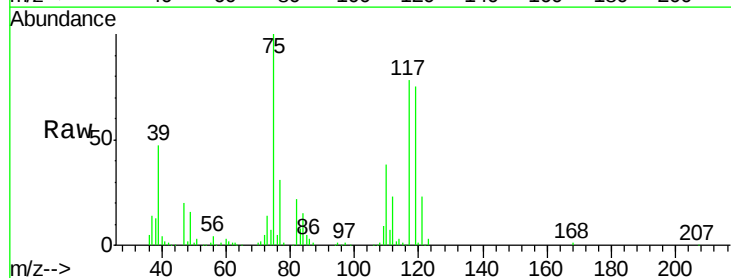
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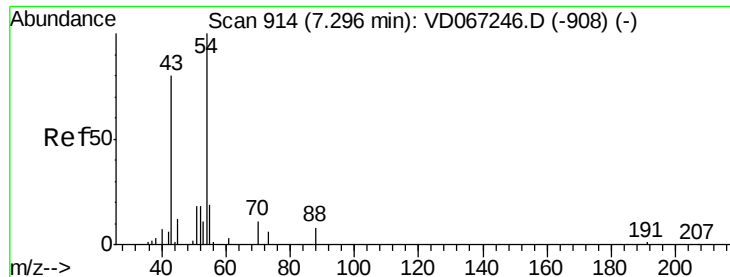
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#36
1,1-Dichloropropene
Concen: 47.809 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179269		
110	38.8	19.6	58.7	
77	31.9	24.6	37.0	





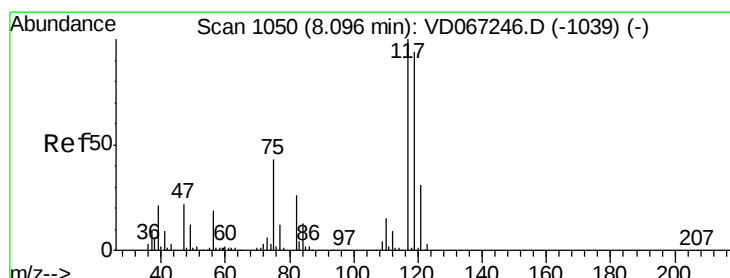
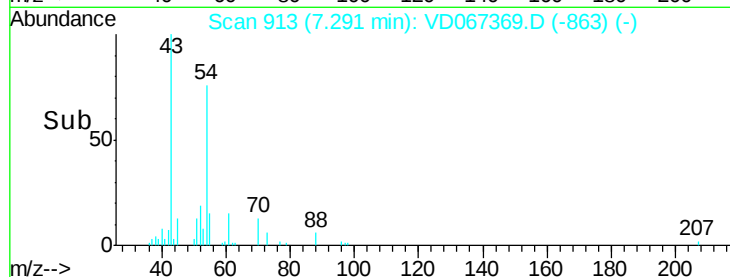
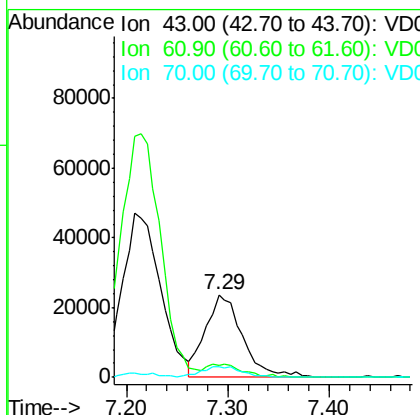
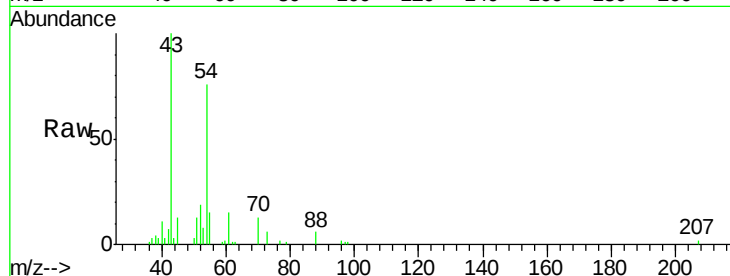
#37
Ethyl Acetate
Concen: 54.645 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	15.6	23.4#
70	14.0	10.4	15.6

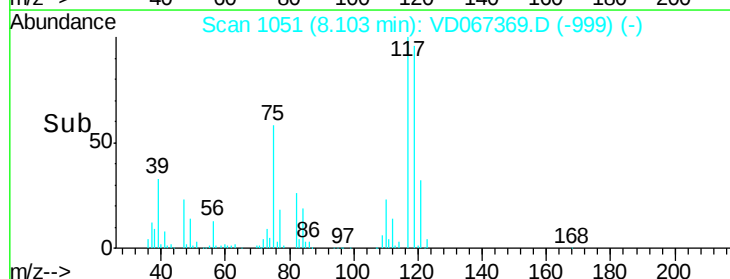
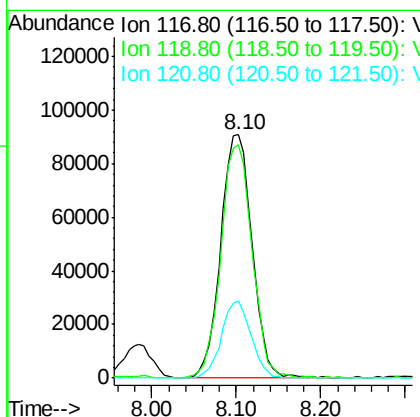
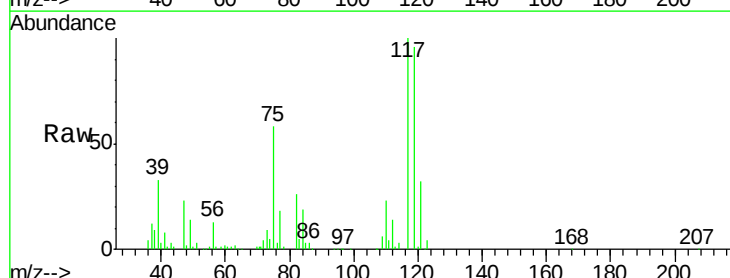
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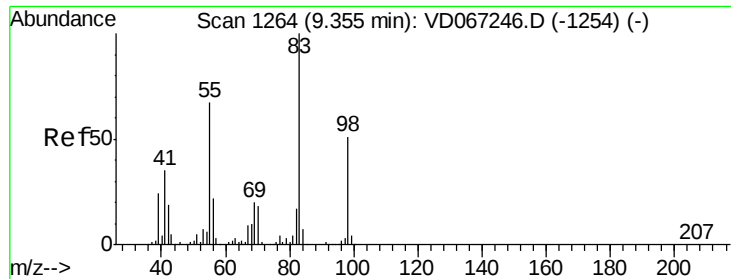
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#38
Carbon Tetrachloride
Concen: 48.722 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.0	112.4
121	31.5	24.9	37.3





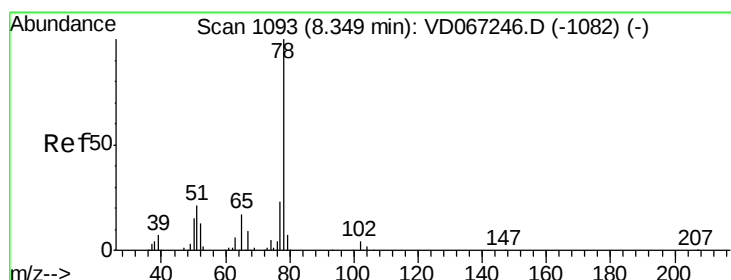
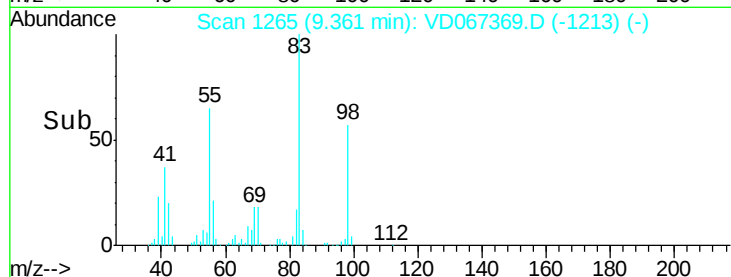
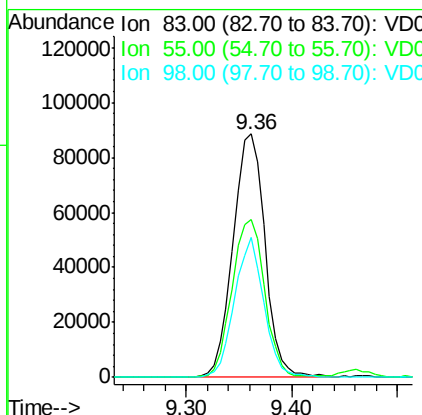
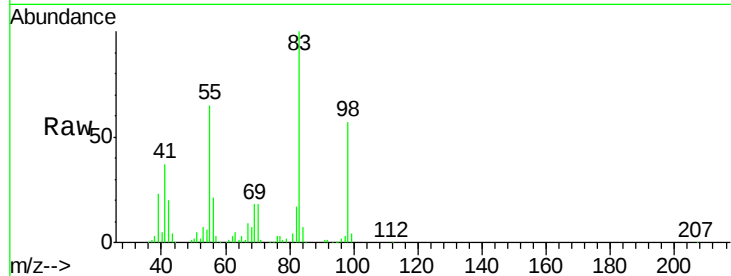
#39
Methvlcvclohexane
Concen: 47.523 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.8	53.3	79.9
98	57.3	41.0	61.4

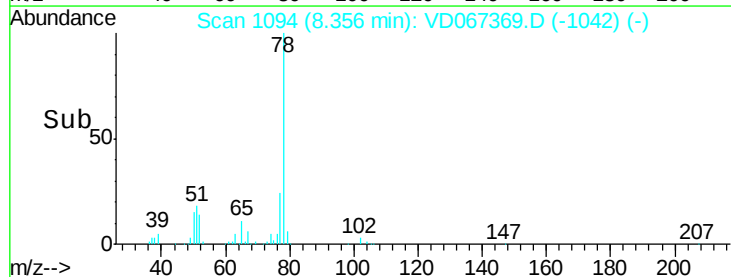
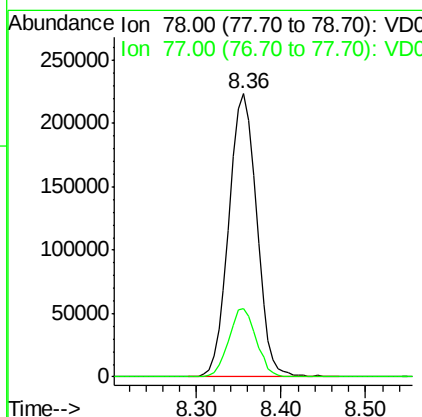
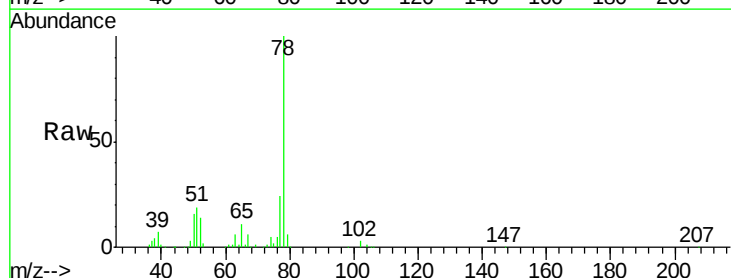
Manual Integrations
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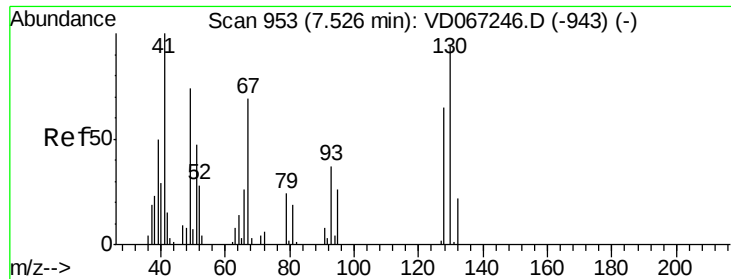
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#40
Benzene
Concen: 49.499 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.3	27.5





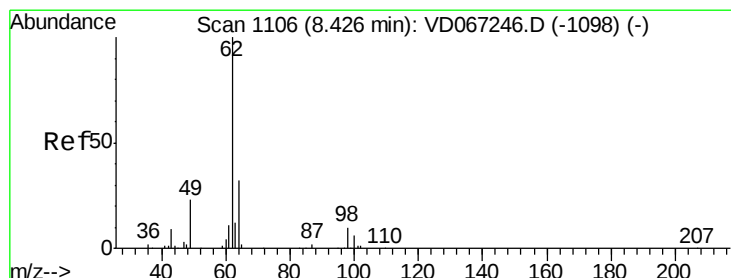
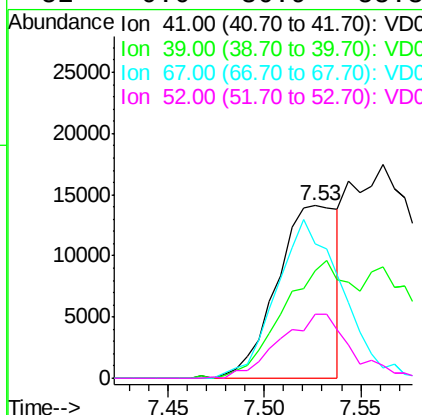
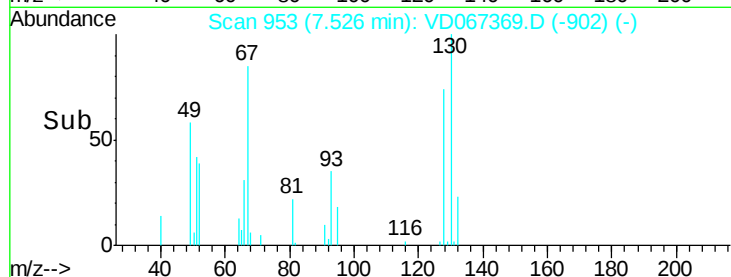
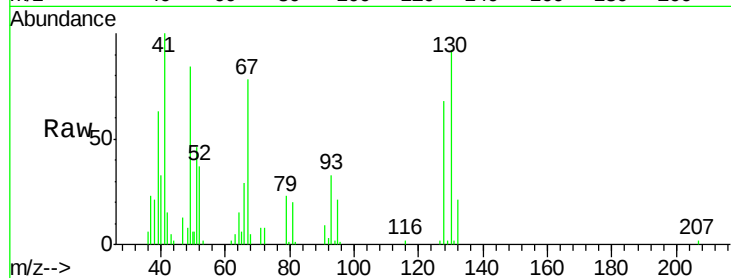
#41
Methacrylonitrile
Concen: 52.645 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	31385
Ion Ratio	Lower	Upper	
41	100		
39	0.0	60.0	90.0#
67	0.0	88.9	133.3#
52	0.0	36.9	55.3#

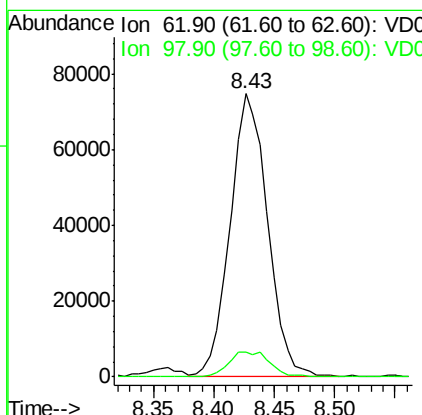
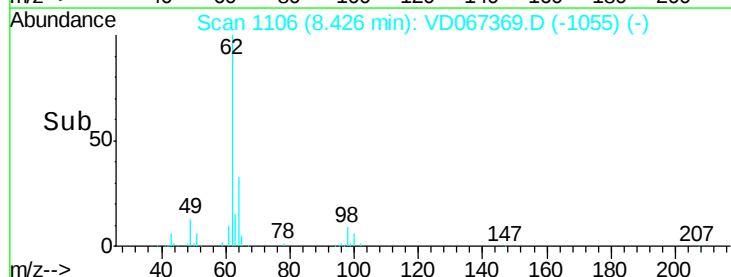
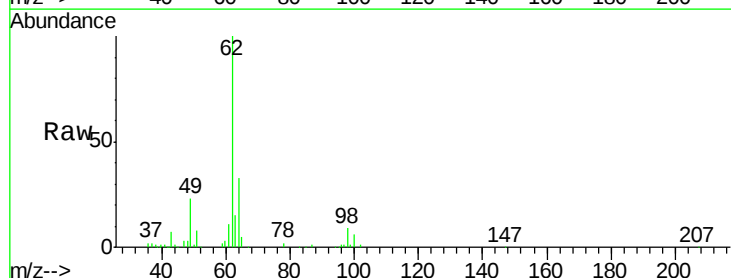
Manual Integrations
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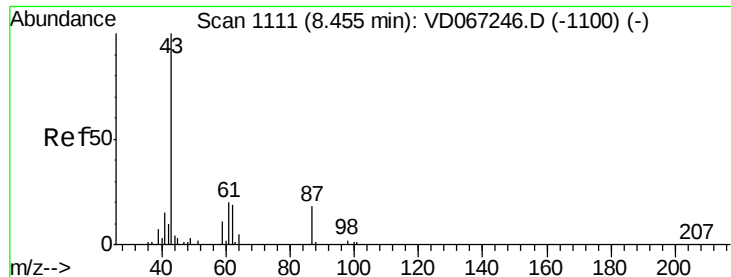
MMDadoda
10/23/2020 2:12:03 PM



#42
1,2-Dichloroethane
Concen: 50.006 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	62	Resp	160981
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.178 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

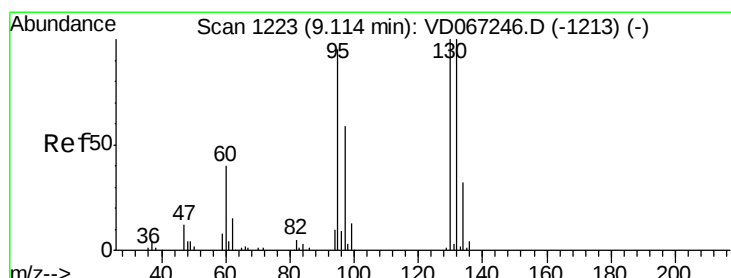
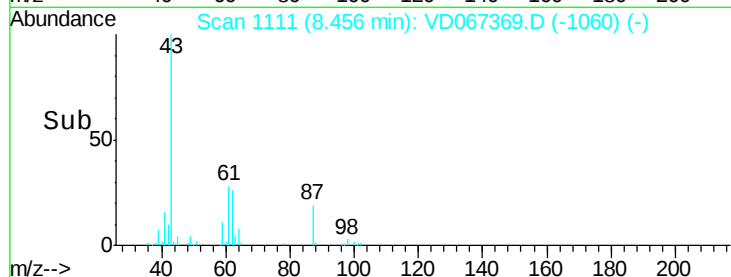
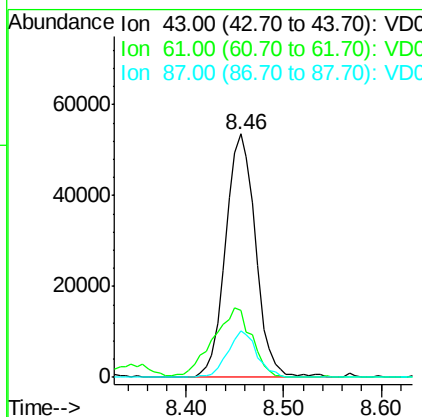
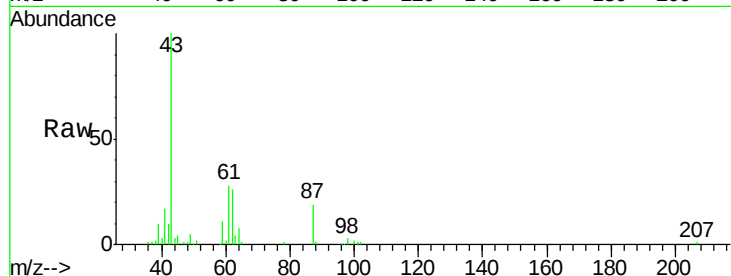
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	114222
Ion	Ratio	Lower	Upper
43	100		
61	36.8	29.5	44.3
87	18.6	14.2	21.4

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#44

Trichloroethene

Concen: 48.898 ug/l

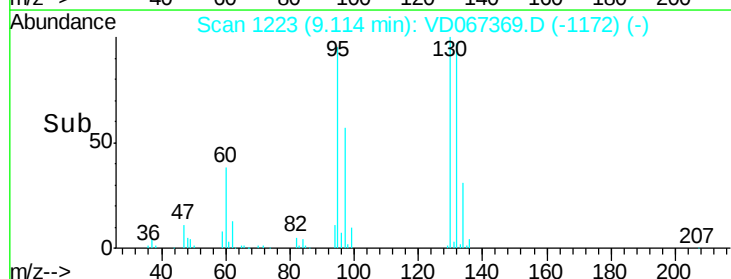
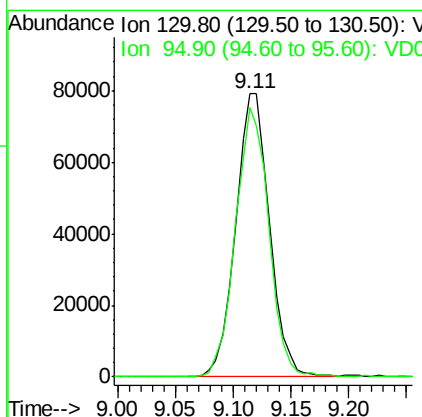
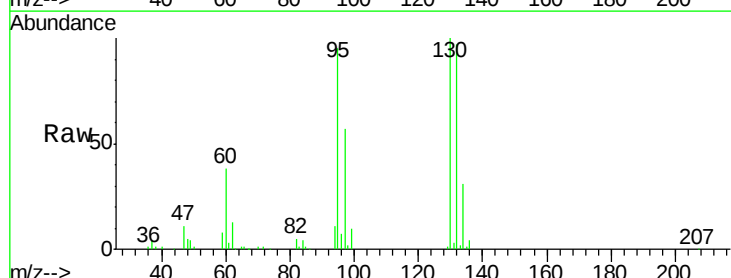
RT: 9.11 min Scan# 1223

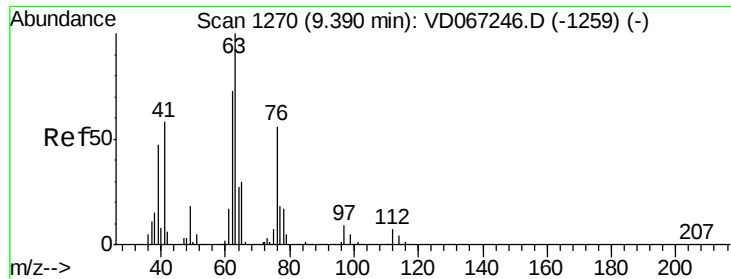
Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	130	Resp:	161050
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.6





#45

1,2-Dichloropropane

Concen: 47.902 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 114201

Ion Ratio Lower Upper

63 100

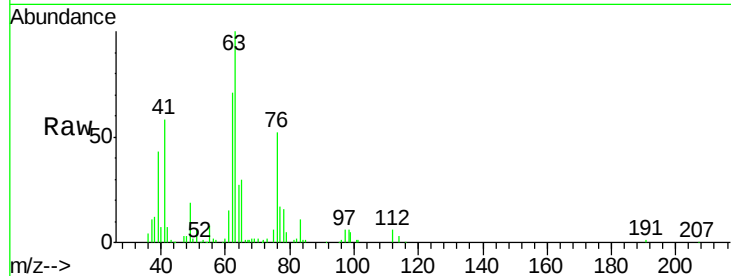
65 29.7 24.6 36.8

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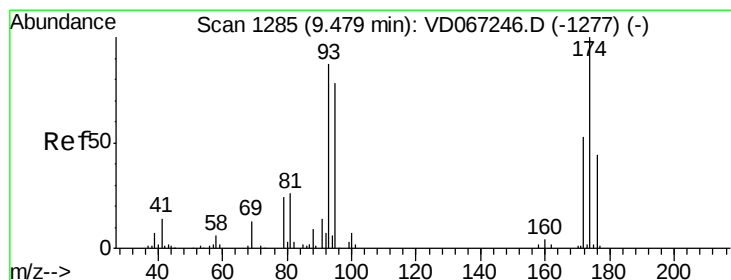
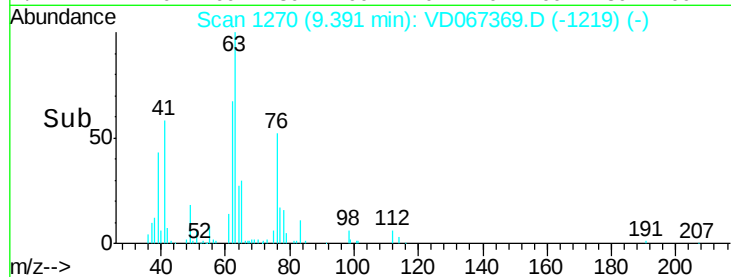
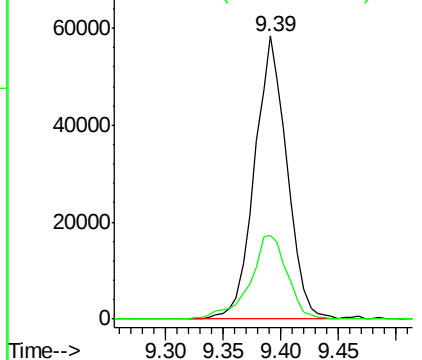
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.370 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

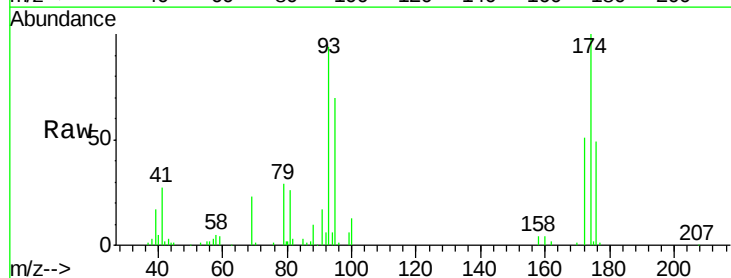
Tgt Ion: 93 Resp: 76304

Ion Ratio Lower Upper

93 100

95 81.5 68.0 102.0

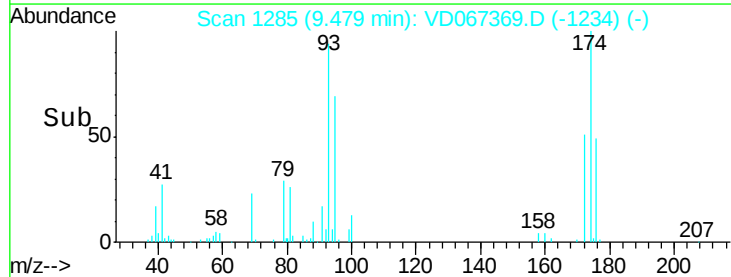
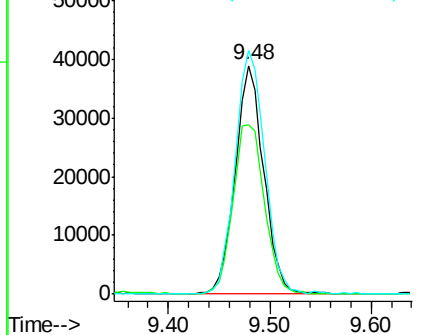
174 109.9 91.8 137.6

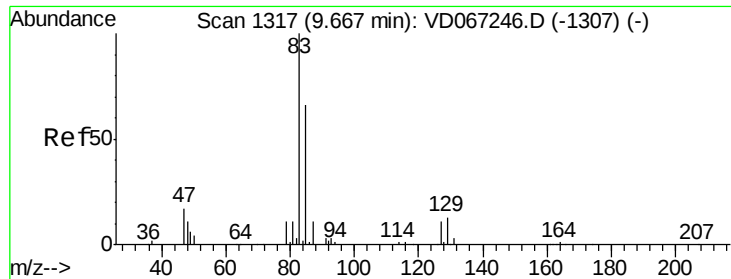


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





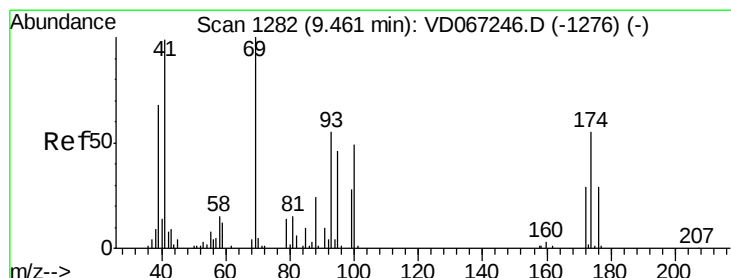
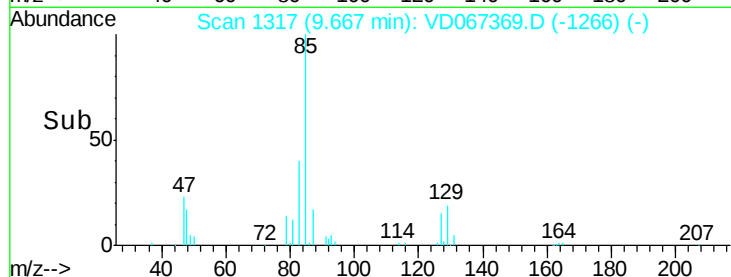
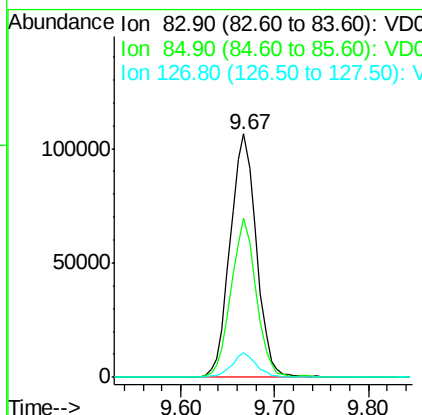
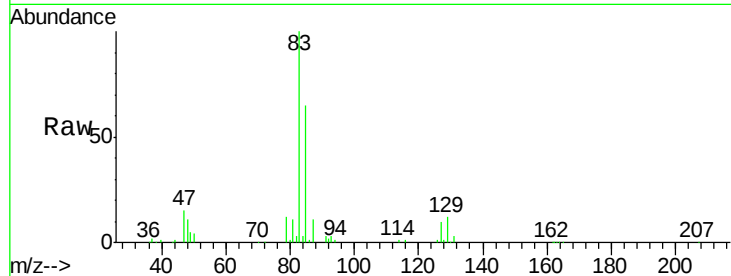
#47
Bromodichloromethane
Concen: 51.683 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.1	79.7
127	9.9	8.6	13.0

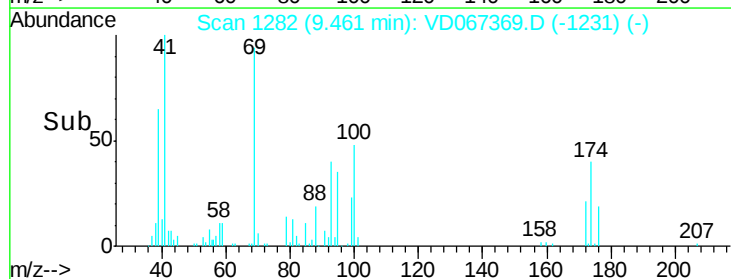
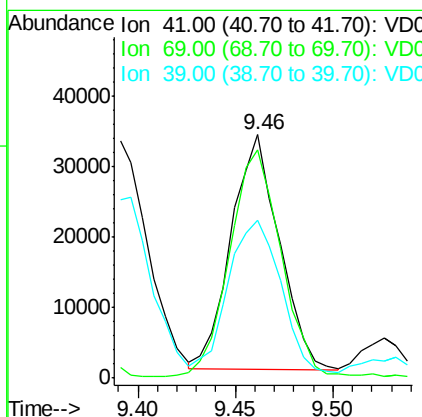
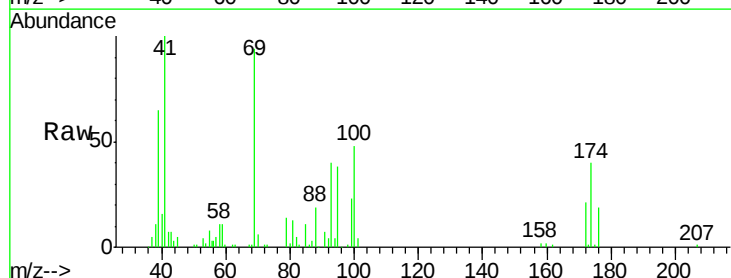
Manual Integrations
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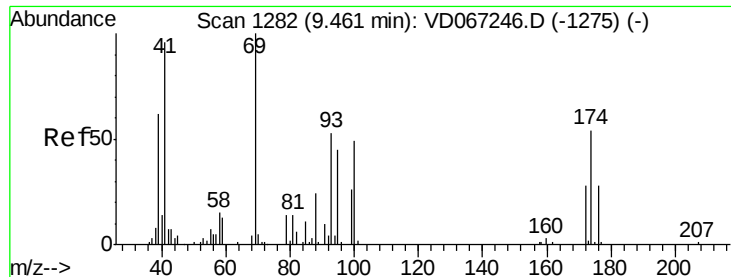
MMDadoda
10/23/2020 2:12:03 PM



#48
Methyl methacrylate
Concen: 53.249 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	106.8	89.0	133.6
39	76.7	60.2	90.2





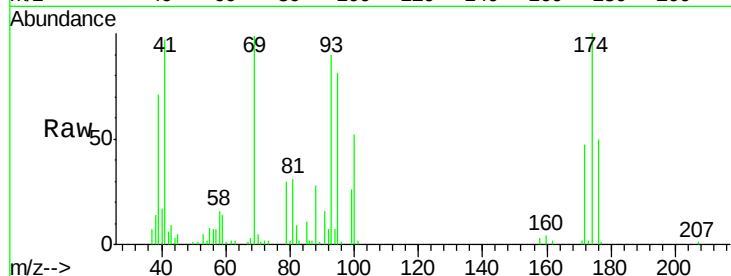
#49
1,4-Dioxane
Concen: 1063.313 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	15257
Ion	Ratio	Lower	Upper
88	100		
43	35.1	23.9	35.9
58	64.9	51.0	76.6

Manual Integrations
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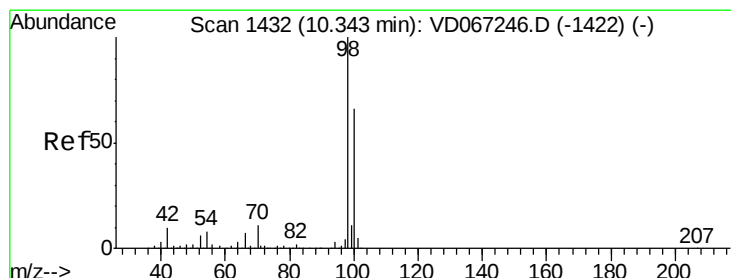
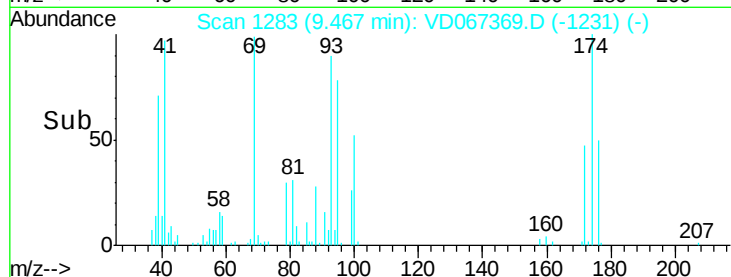
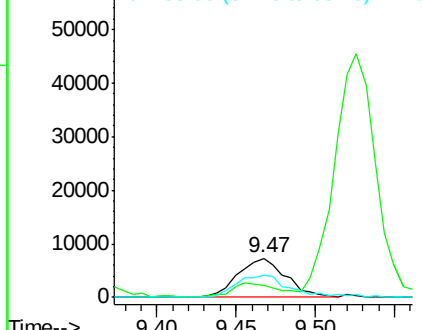


Abundance

Ion 88.00 (87.70 to 88.70): VDC

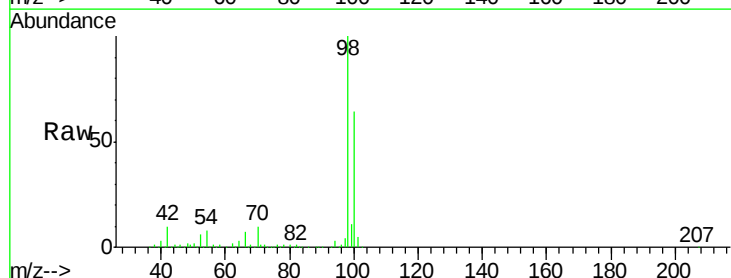
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

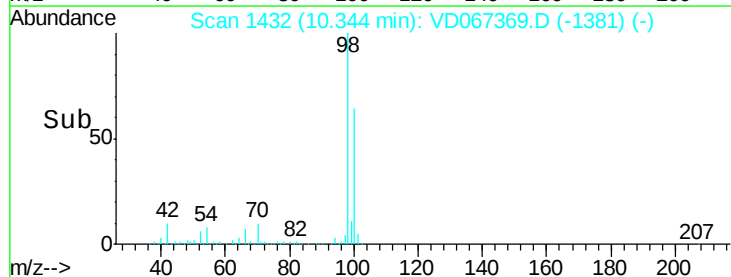
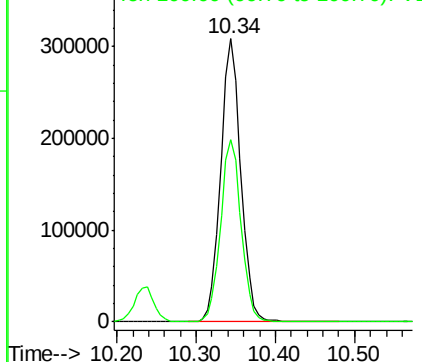
Tgt Ion	98	Resp	542563
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

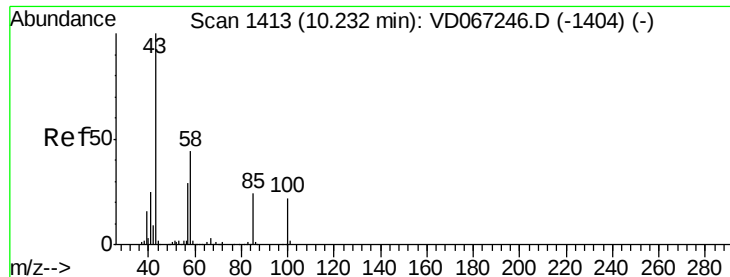


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





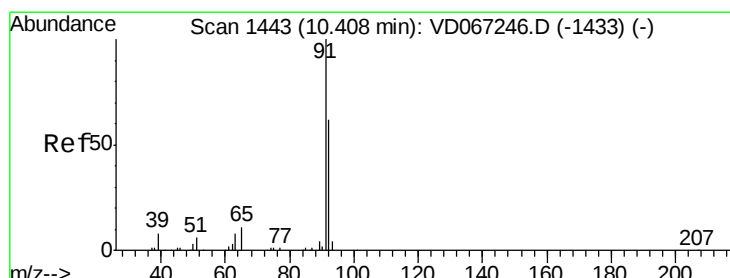
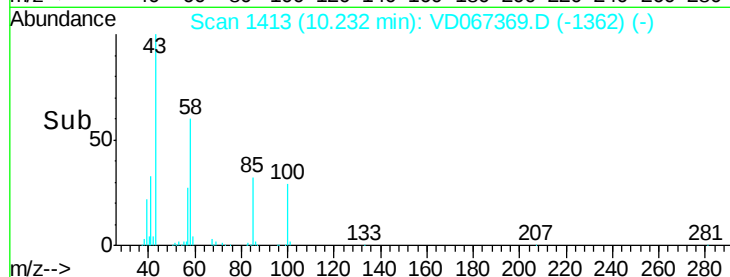
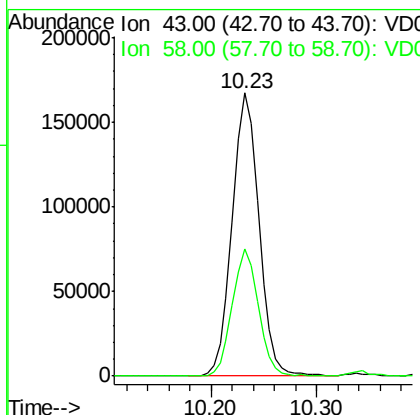
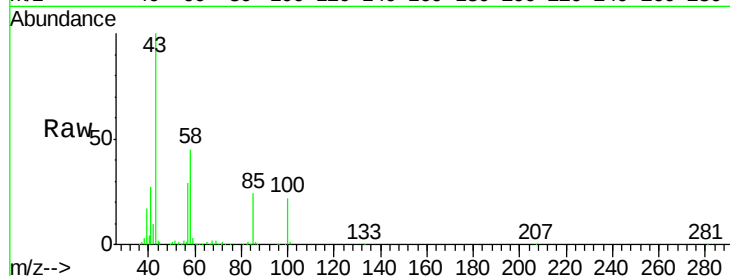
#51
4-Methyl-2-Pentanone
Concen: 268.847 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 293540
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5

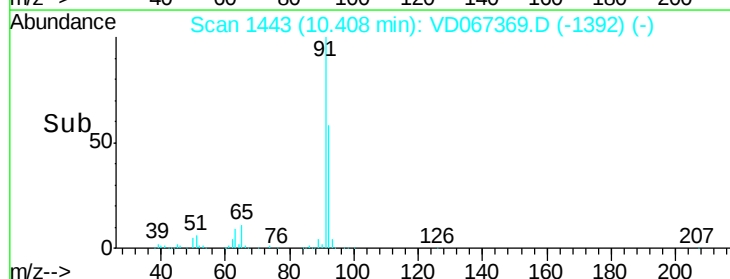
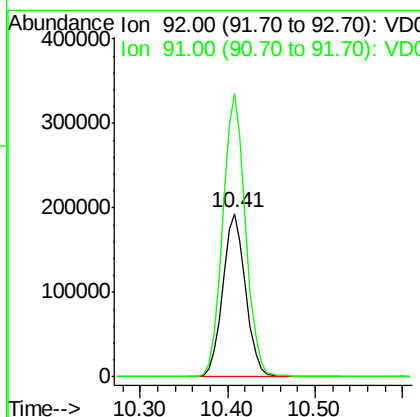
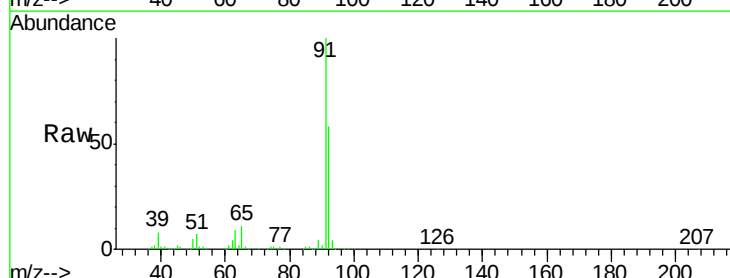
Manual Integrations
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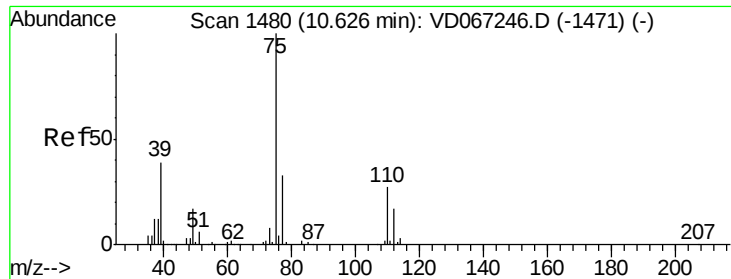
MMDadoda
10/23/2020 2:12:03 PM



#52
Toluene
Concen: 49.551 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 92 Resp: 347173
Ion Ratio Lower Upper
92 100
91 173.0 133.8 200.8





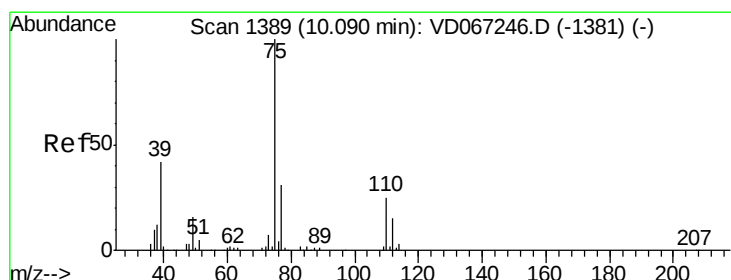
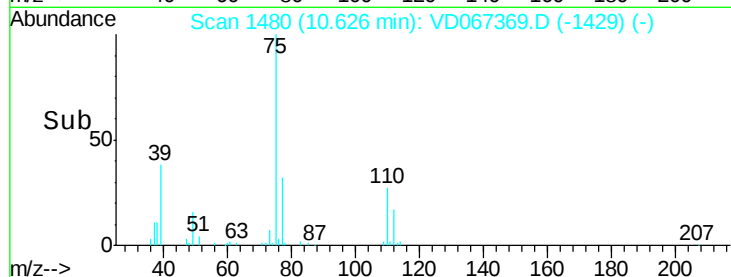
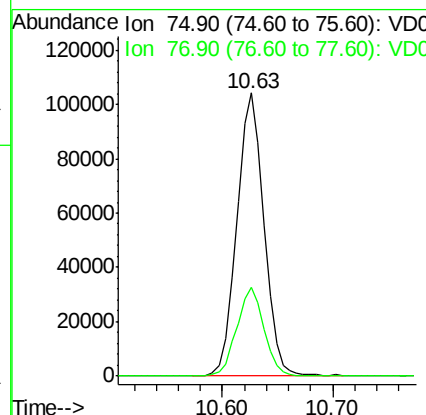
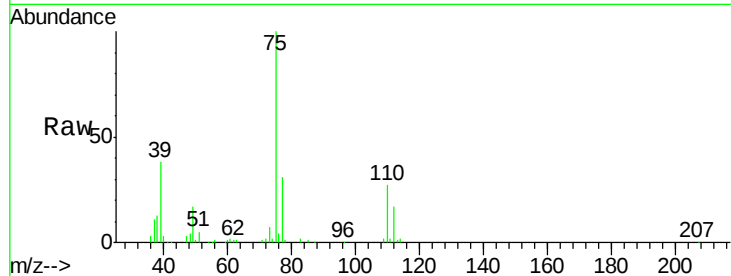
#53
t-1,3-Dichloropropene
Concen: 51.432 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 179803
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7

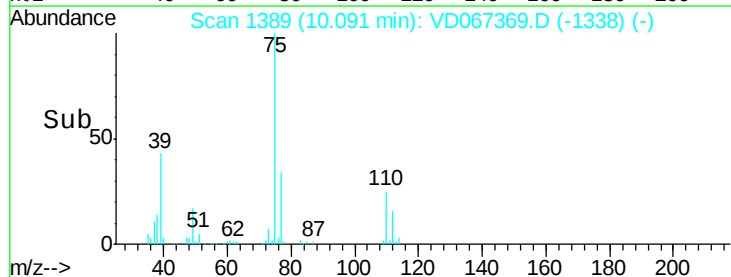
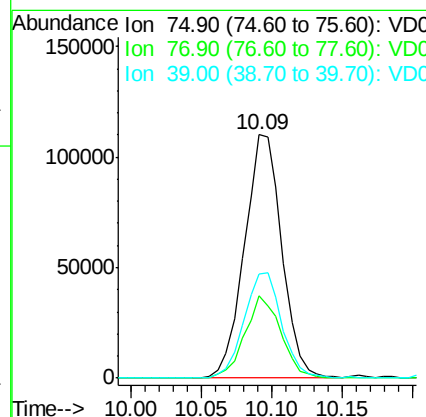
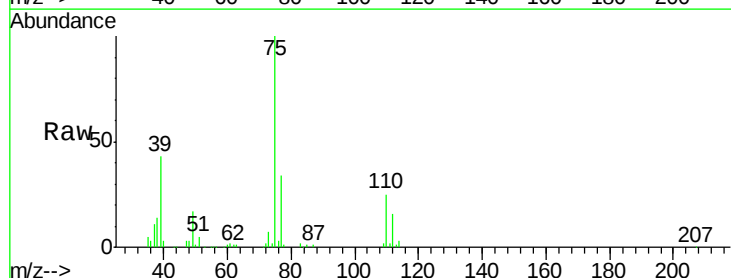
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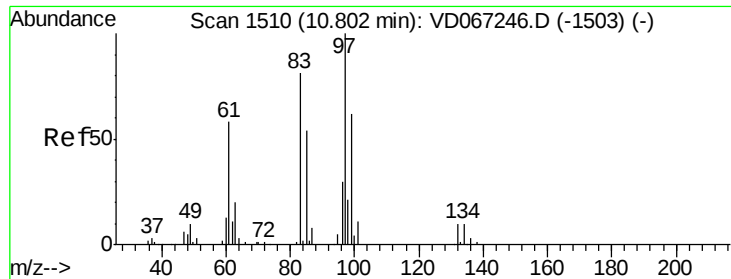
MMDadoda
10/23/2020 2:12:03 PM



#54
cis-1,3-Dichloropropene
Concen: 49.994 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 75 Resp: 204545
Ion Ratio Lower Upper
75 100
77 33.8 24.5 36.7
39 42.7 33.7 50.5





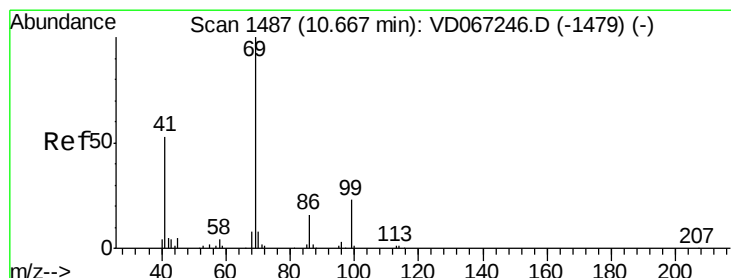
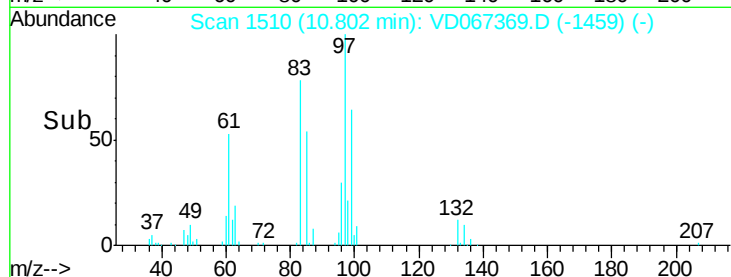
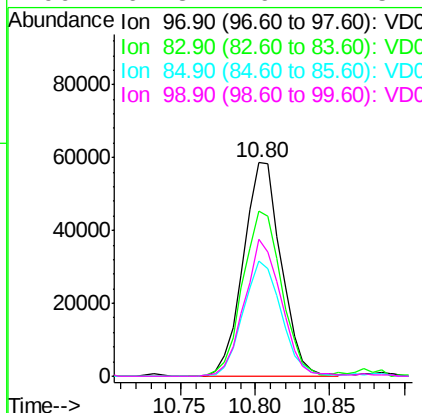
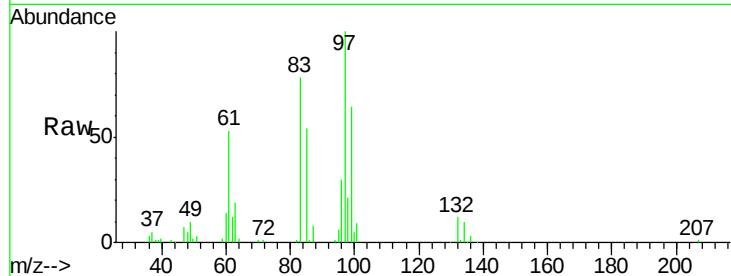
#55
 1,1,2-Trichloroethane
 Concen: 51.033 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	103369
Ion	Ratio	Lower	Upper
97	100		
83	77.5	64.9	97.3
85	53.7	43.3	64.9
99	64.3	49.1	73.7

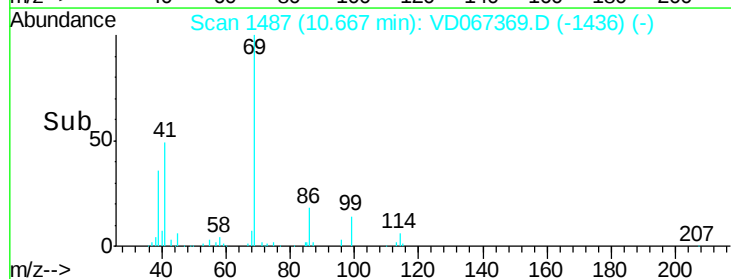
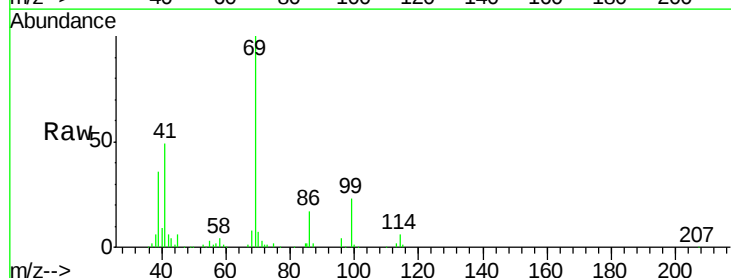
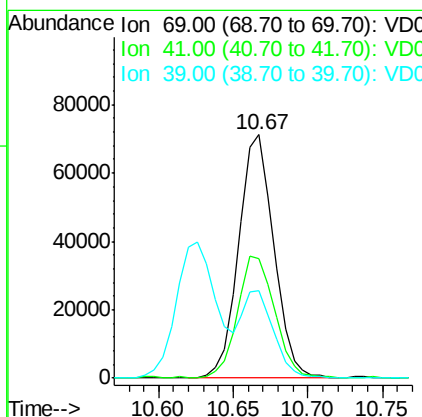
Manual Integrations
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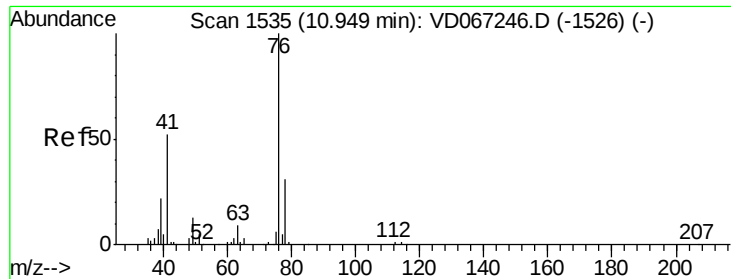
MMDadoda
 10/23/2020 2:12:03 PM



#56
 Ethyl methacrylate
 Concen: 55.468 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion	69	Resp	116522
Ion	Ratio	Lower	Upper
69	100		
41	52.2	44.7	67.1
39	32.8	26.2	39.2





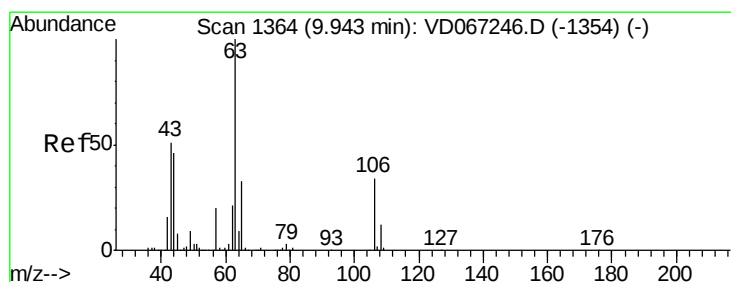
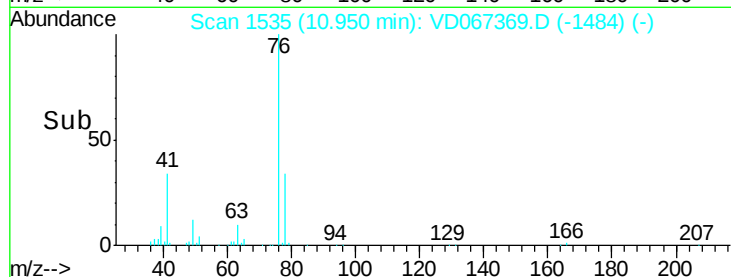
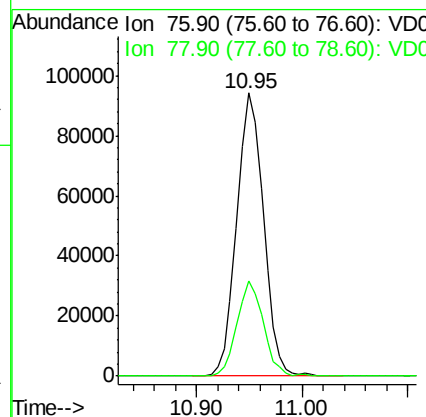
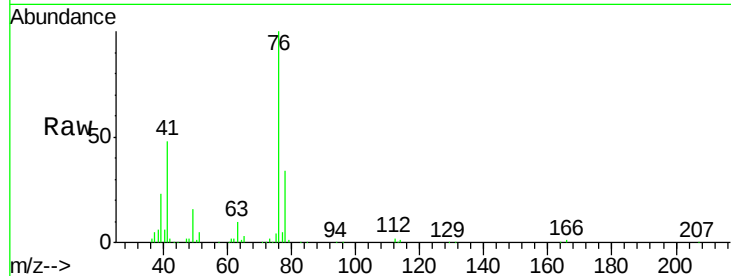
#57
 1,3-Dichloropropane
 Concen: 51.246 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 165191
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.8 40.2

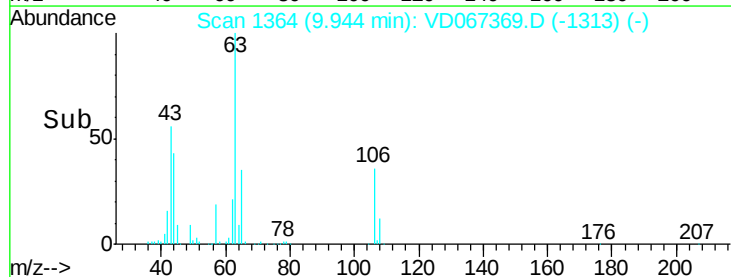
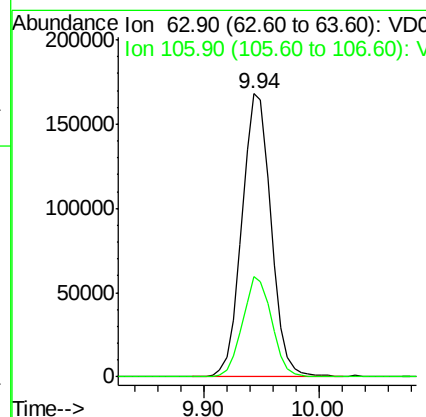
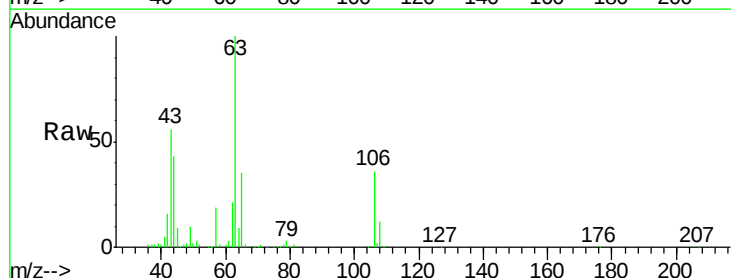
Manual Integrations
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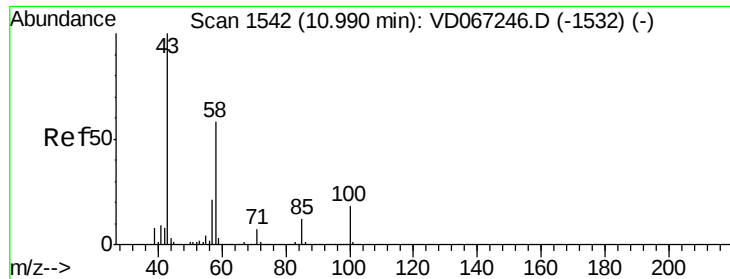
MMDadoda
 10/23/2020 2:12:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.021 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion: 63 Resp: 294222
 Ion Ratio Lower Upper
 63 100
 106 35.5 27.8 41.6





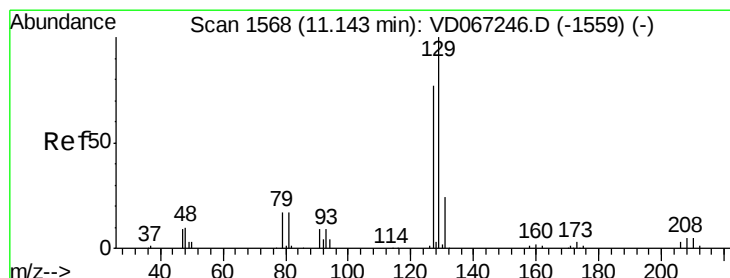
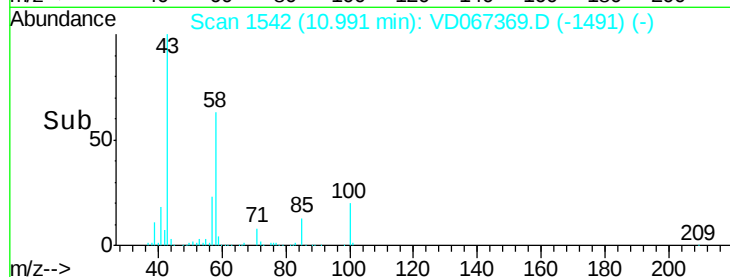
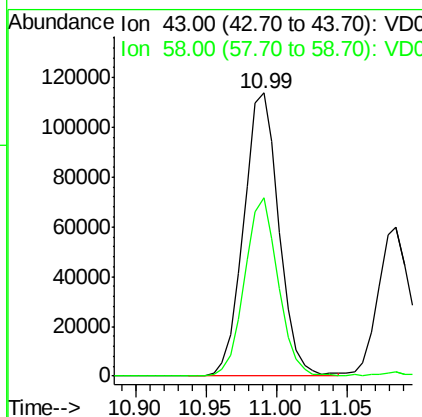
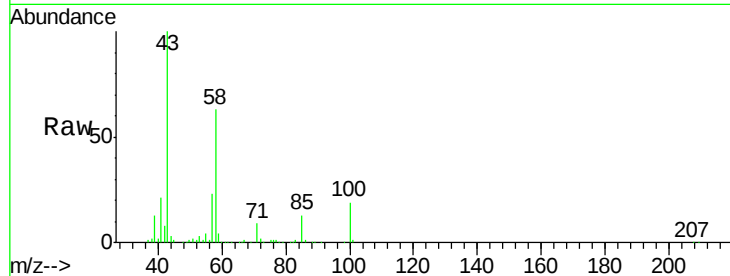
#59
2-Hexanone
Concen: 266.970 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 199184
Ion Ratio Lower Upper
43 100
58 60.1 29.3 87.9

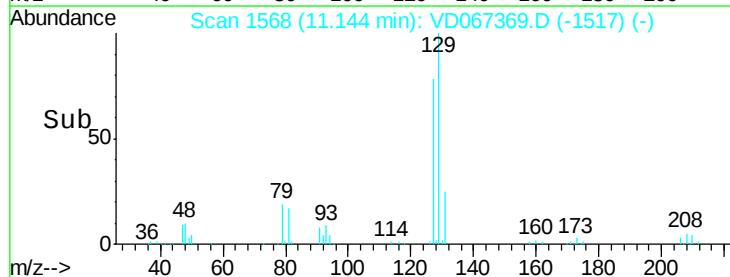
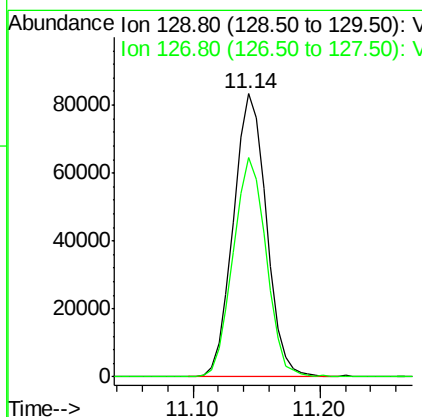
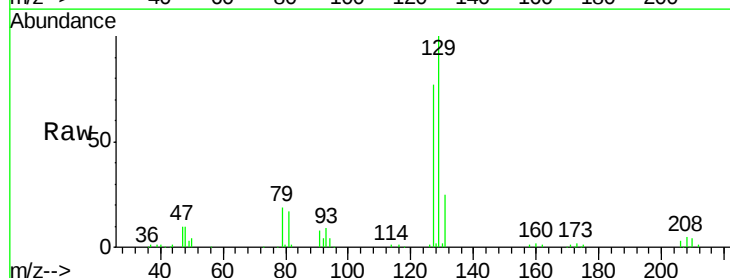
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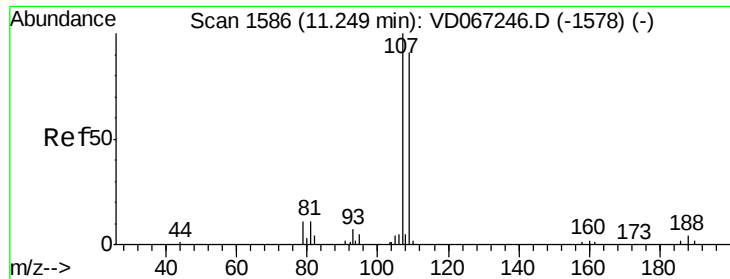
MMDadoda
10/23/2020 2:12:03 PM



#60
Dibromochloromethane
Concen: 51.015 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 129 Resp: 150695
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





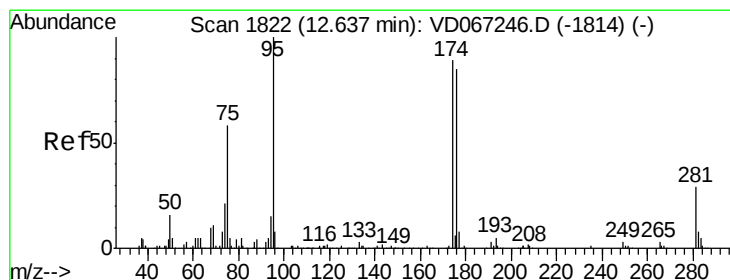
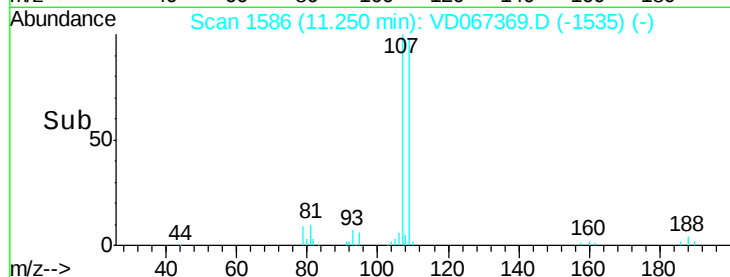
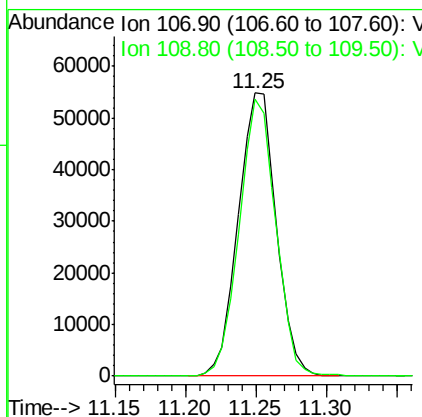
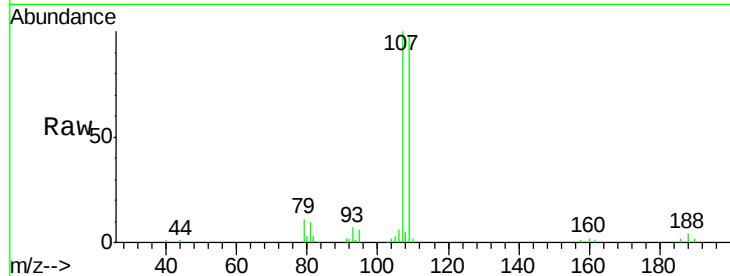
#61
 1,2-Dibromoethane
 Concen: 51.682 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.6	112.0

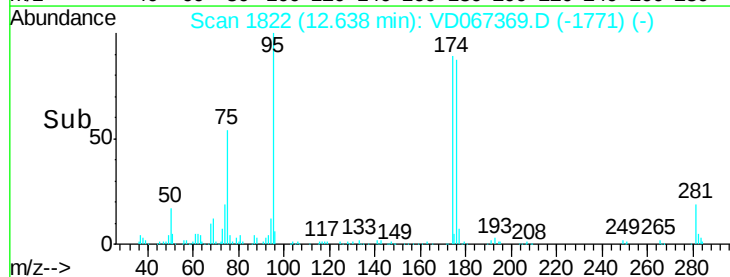
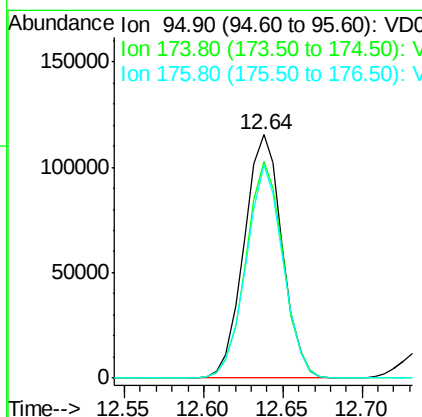
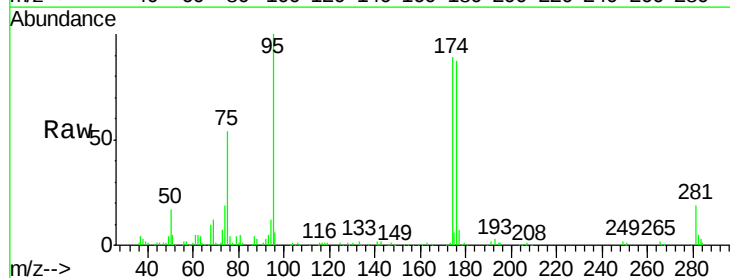
Manual Integrations
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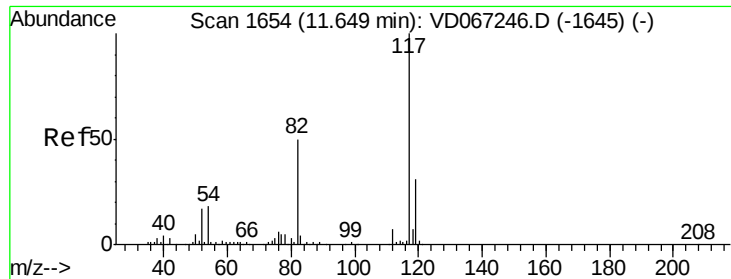
MMDadoda
 10/23/2020 2:12:03 PM



#62
 4-Bromofluorobenzene
 Concen: 51.975 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	175.2
176	85.0	0.0	168.6





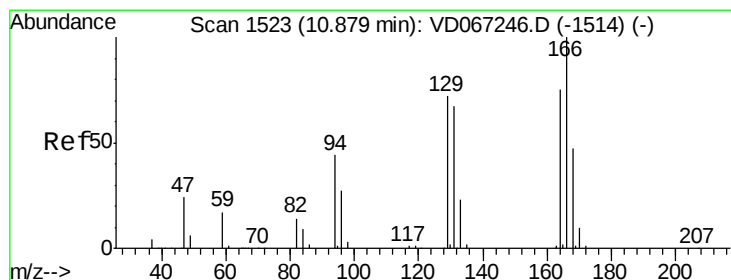
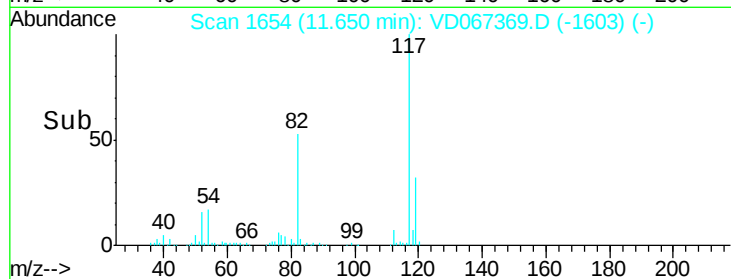
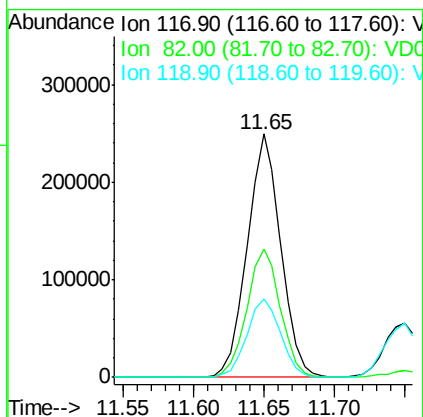
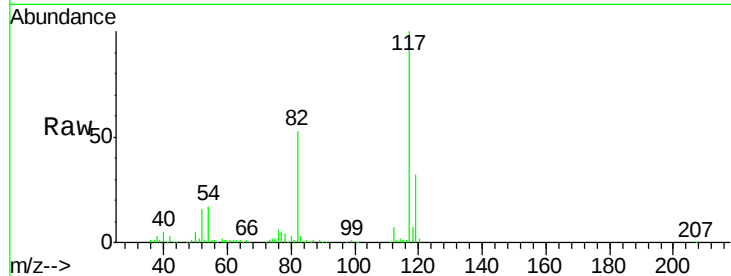
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	39.9	59.9
119	32.0	24.9	37.3

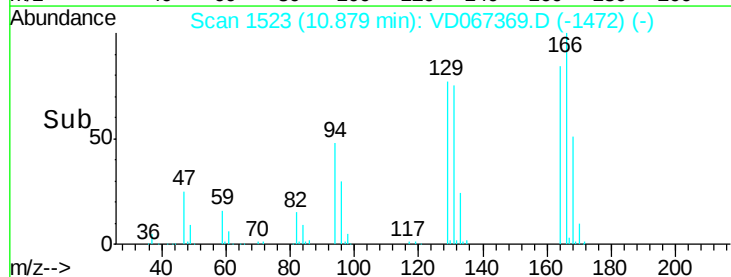
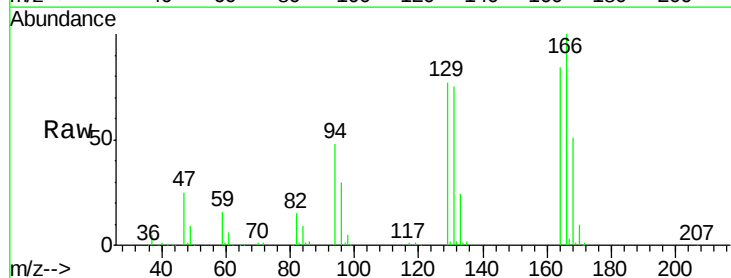
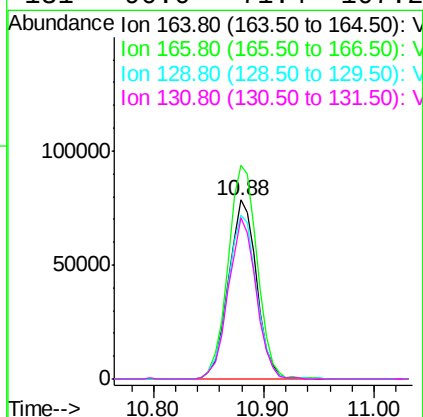
Manual Integrations
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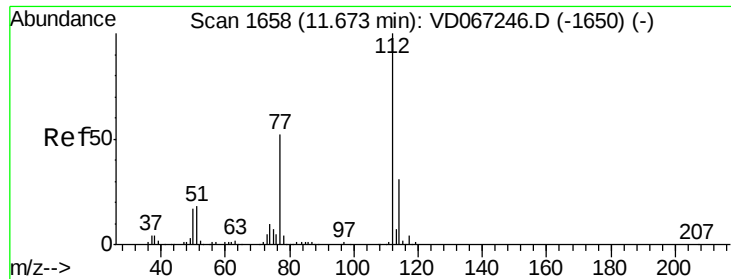
MMDadoda
10/23/2020 2:12:03 PM



#64
Tetrachloroethene
Concen: 46.742 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.6	107.3	160.9
129	91.5	77.3	115.9
131	90.0	71.4	107.2





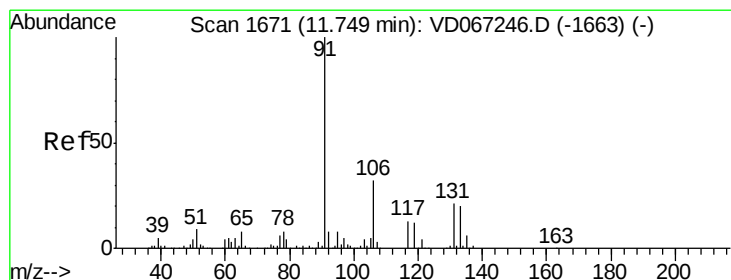
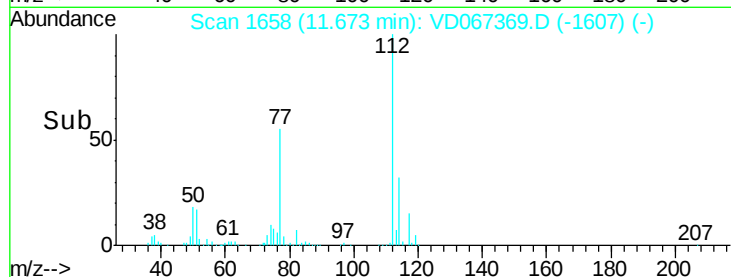
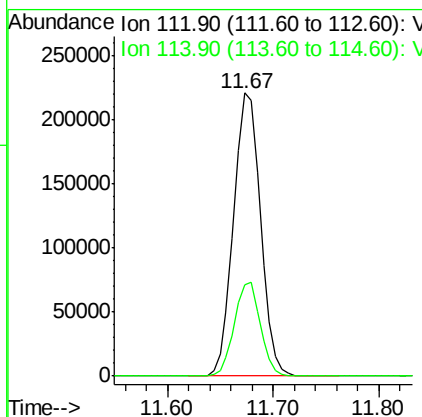
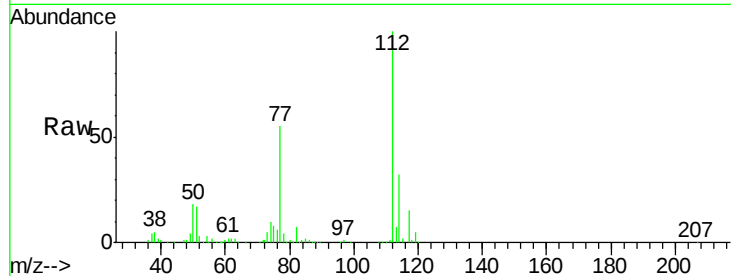
#65
Chlorobenzene
Concen: 49.168 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.0	37.4

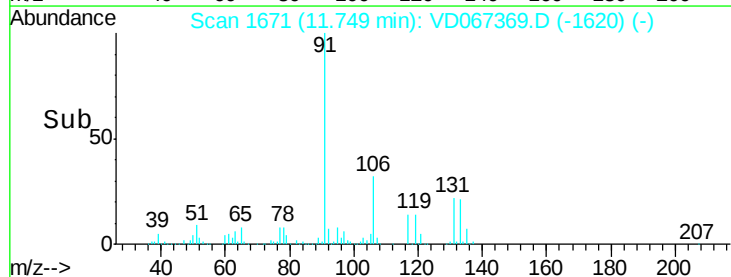
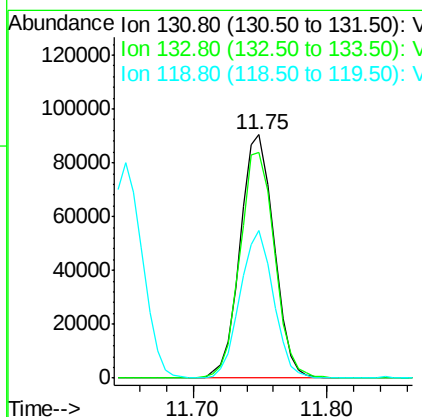
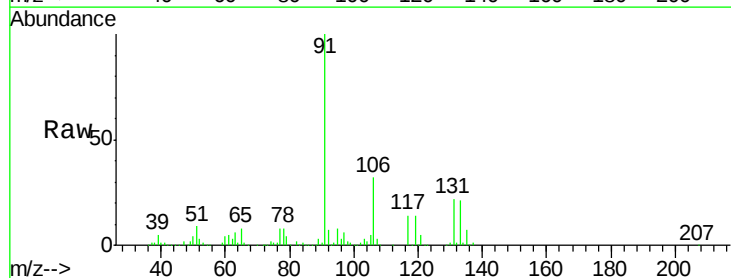
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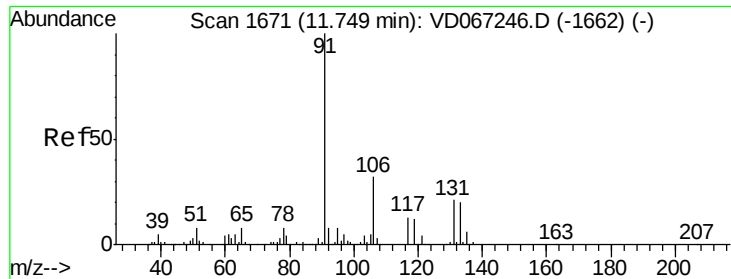
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.180 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.1	144.3
119	60.0	30.0	90.0





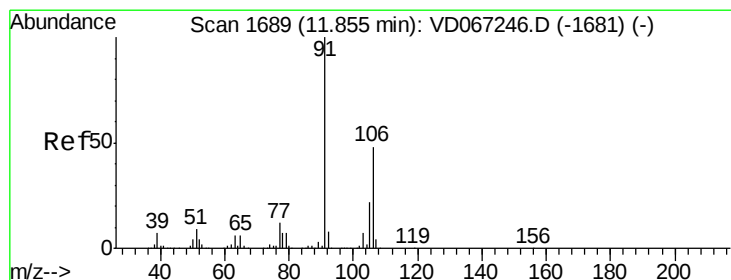
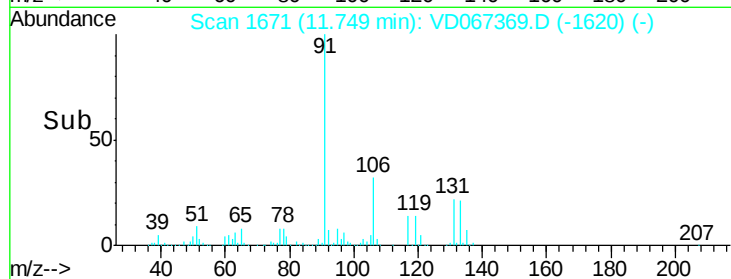
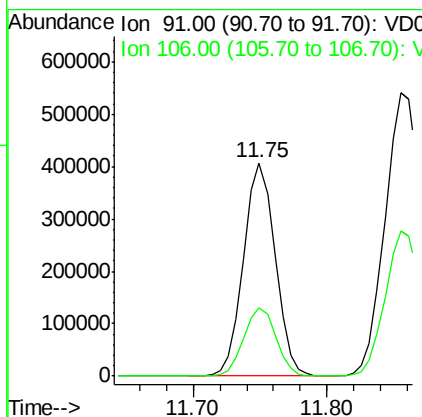
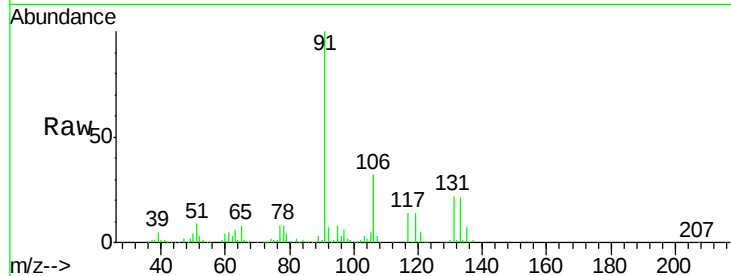
#67
Ethyl Benzene
Concen: 49.111 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 669401
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

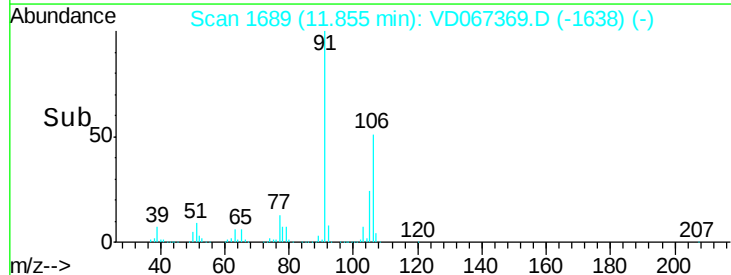
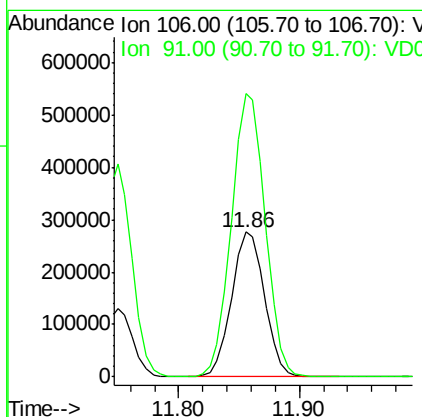
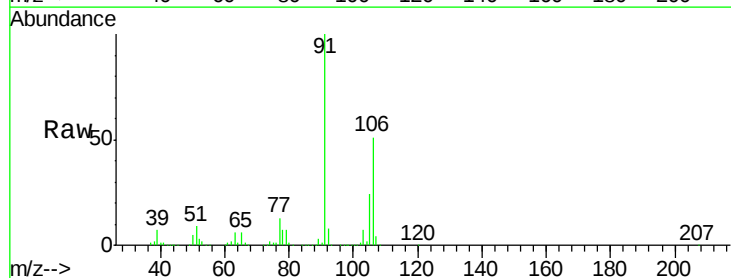
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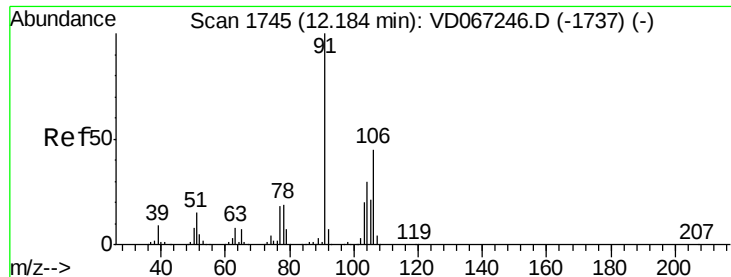
MMDadoda
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#68
m/p-Xylenes
Concen: 100.296 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 106 Resp: 526436
Ion Ratio Lower Upper
106 100
91 200.2 163.8 245.8





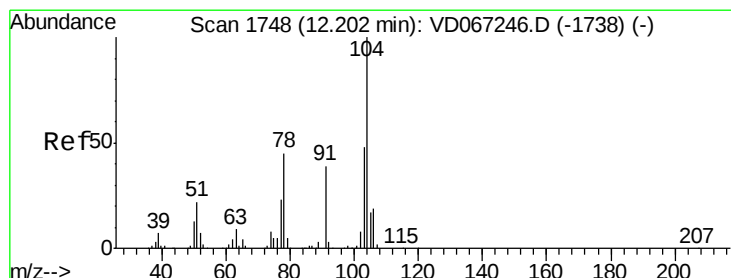
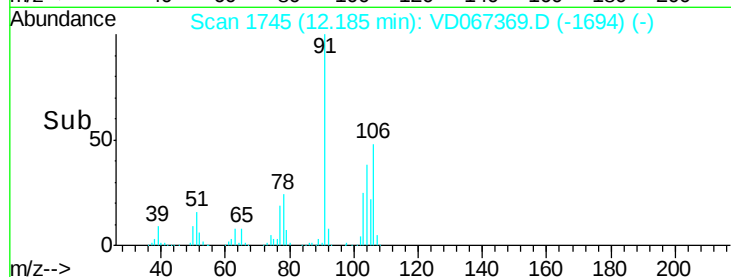
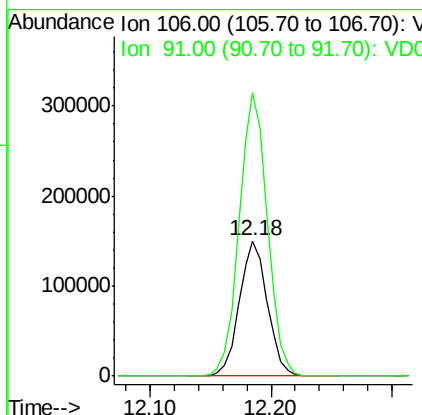
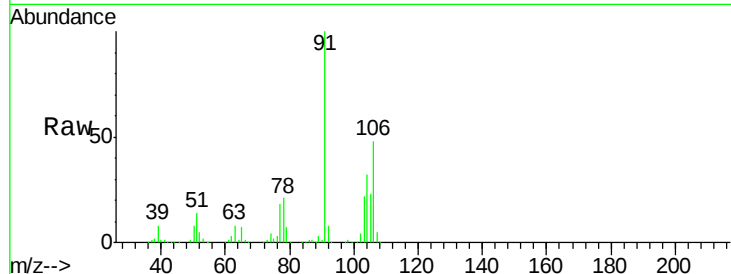
#69
o-Xylene
Concen: 49.828 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		242186		
91	211.5	109.1	327.3		

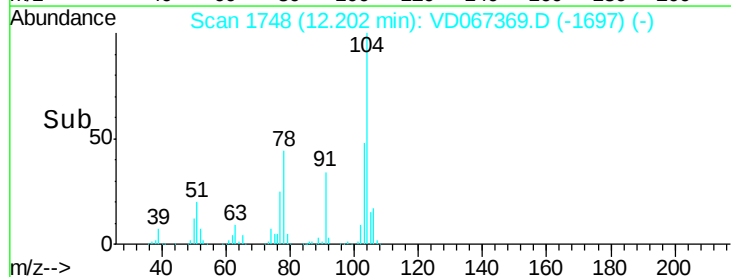
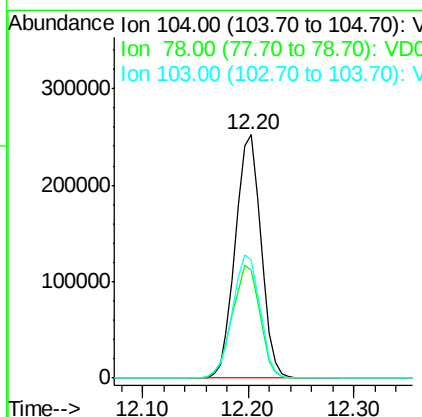
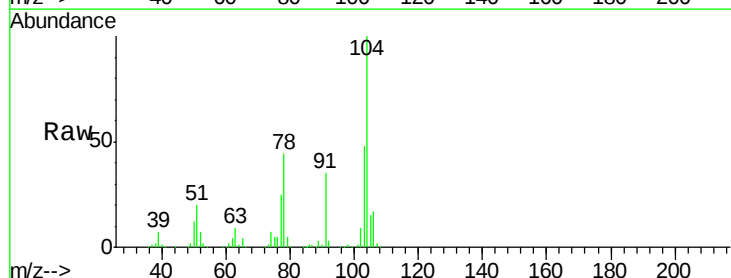
Manual Integrations
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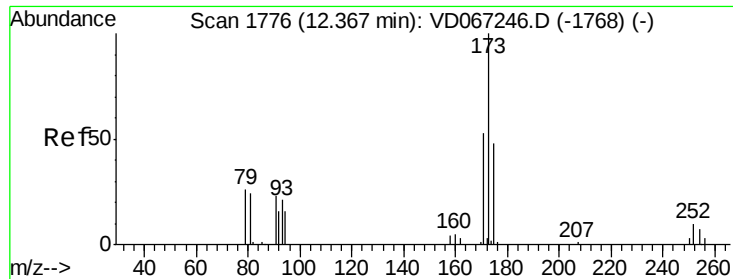
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#70
Styrene
Concen: 50.708 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		424271		
78	49.7	39.8	59.6		
103	53.9	42.6	64.0		





#71

Bromoform

Concen: 52.511 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

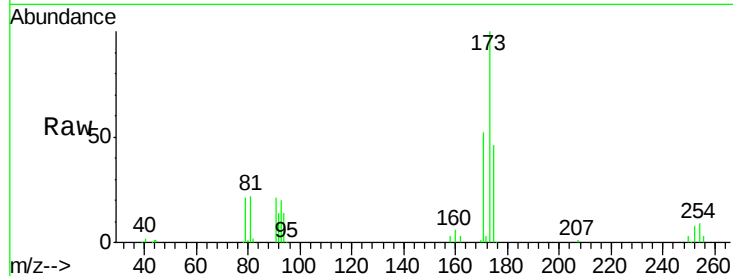
ClientSampleId :

VSTDCCC050EC

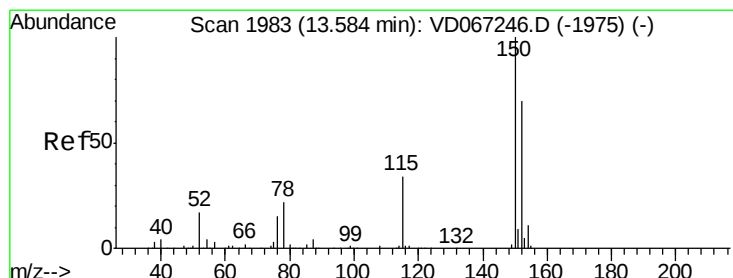
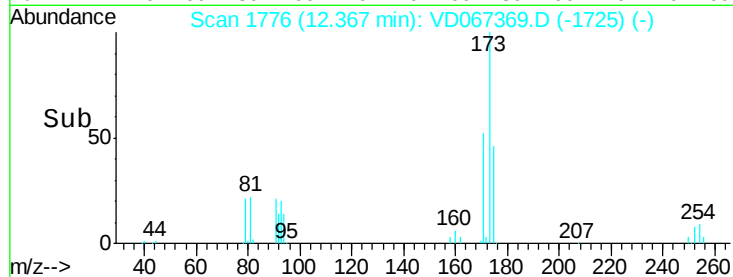
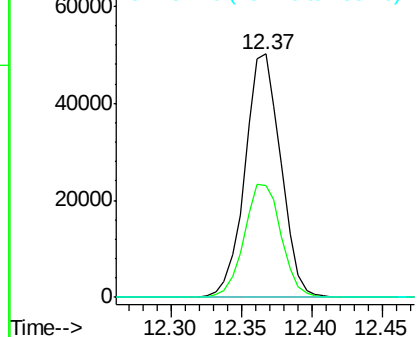
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

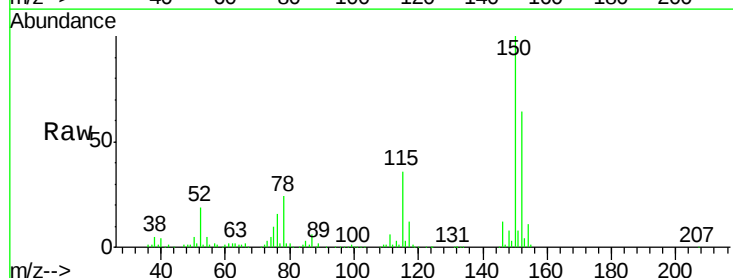
RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

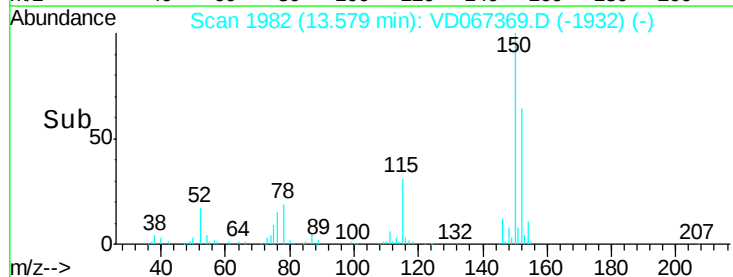
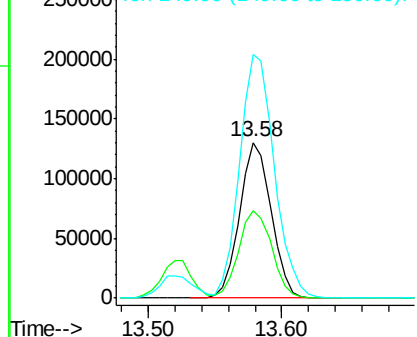
Lab File: VD067369.D

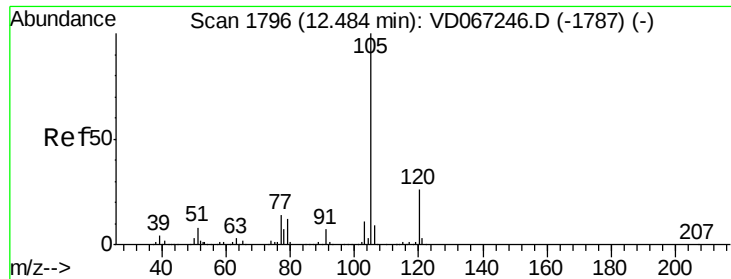
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.9
150	172.7	0.0	339.0



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: 50.144 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 674940

Ion Ratio Lower Upper

105 100

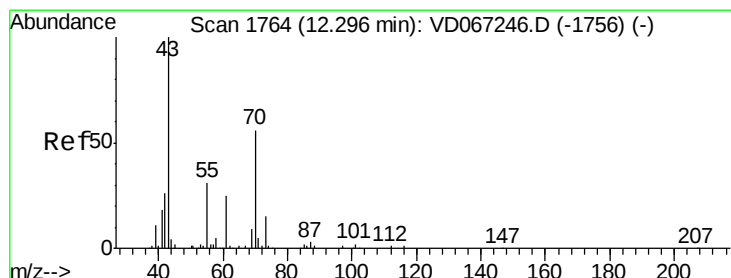
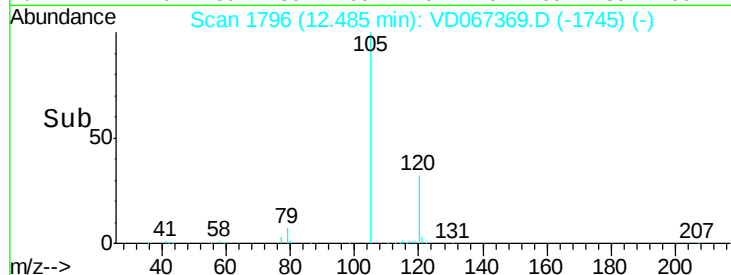
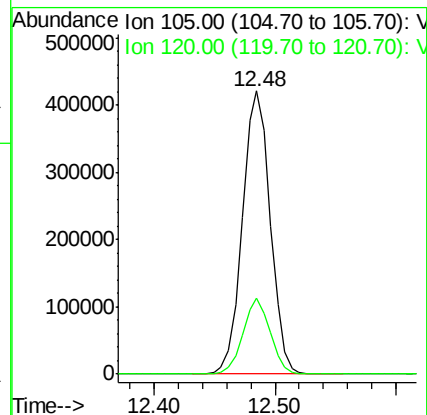
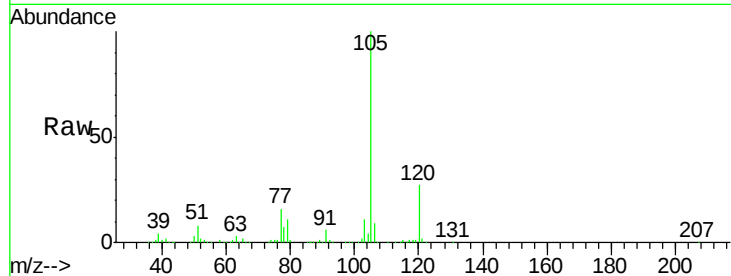
120 26.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.714 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion: 43 Resp: 105130

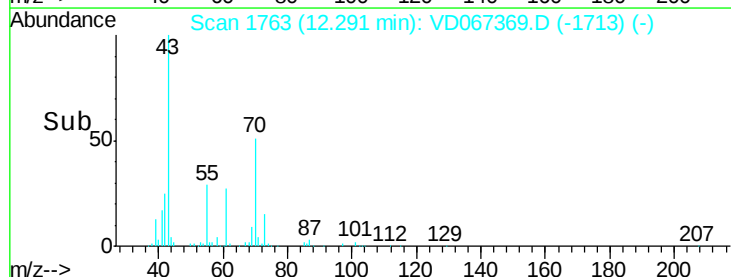
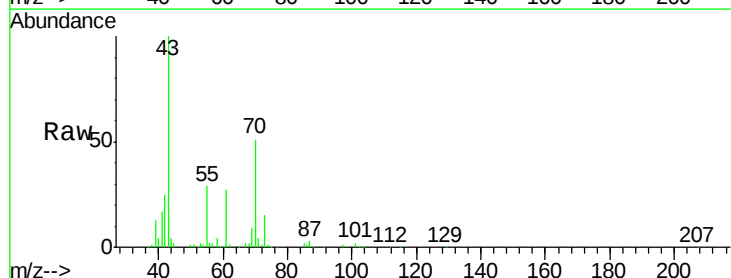
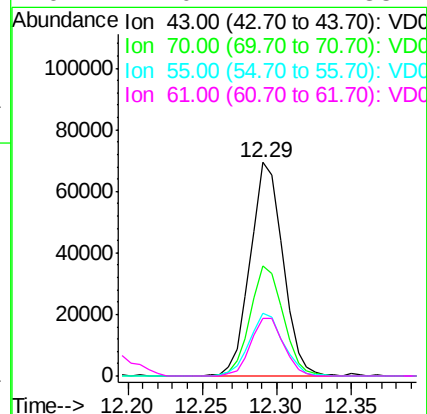
Ion Ratio Lower Upper

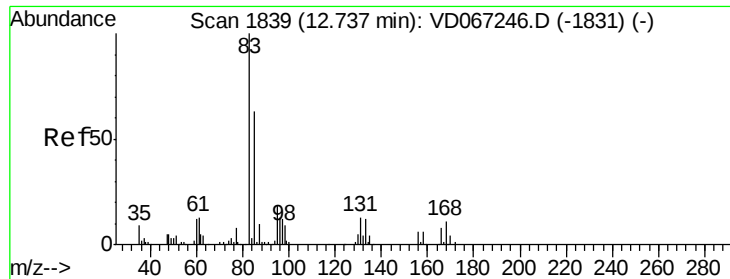
43 100

70 51.7 42.7 64.1

55 30.3 24.0 36.0

61 27.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.066 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

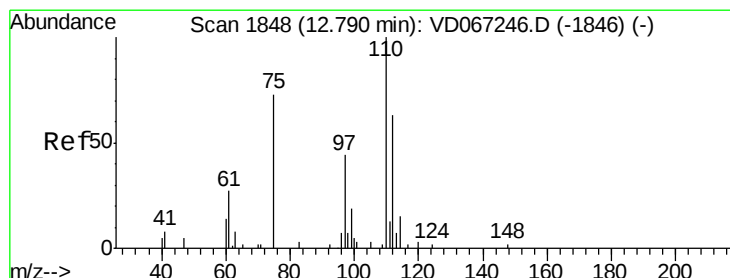
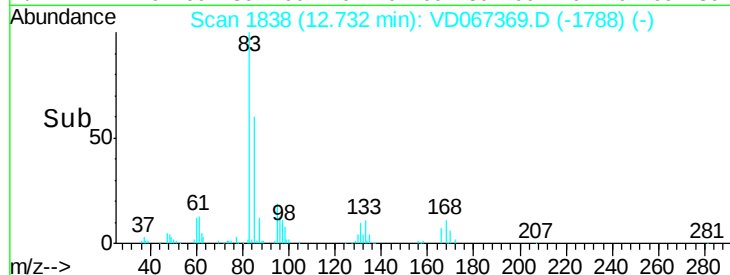
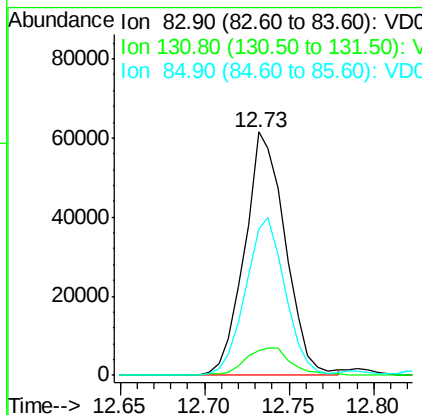
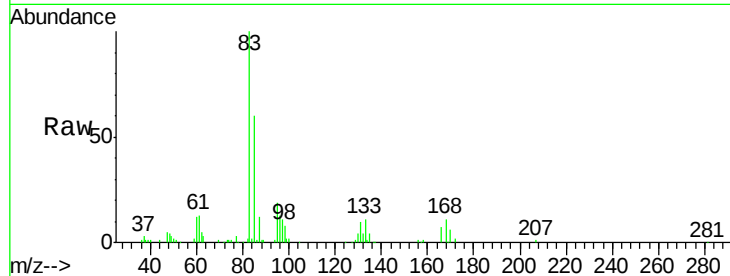
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	103257
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.5	19.5
85	63.4	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.195 ug/l m

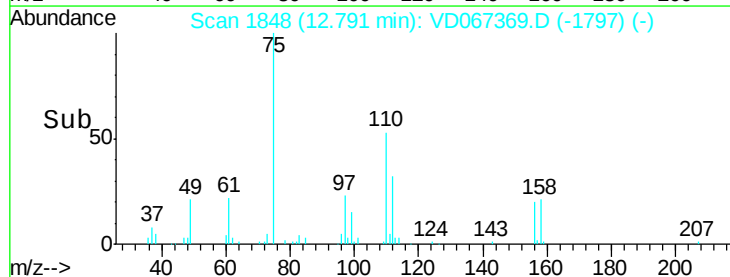
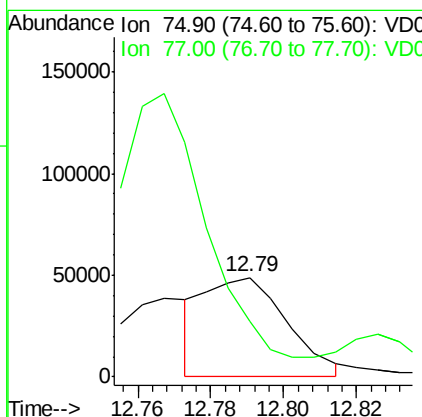
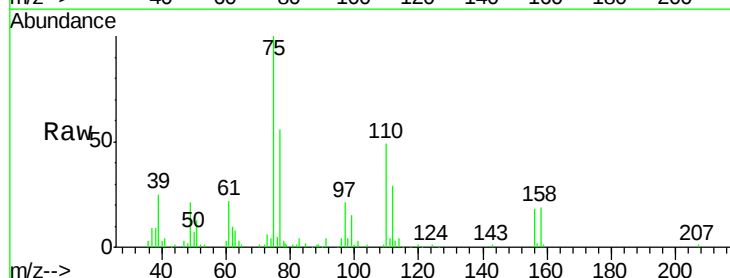
RT: 12.79 min Scan# 1848

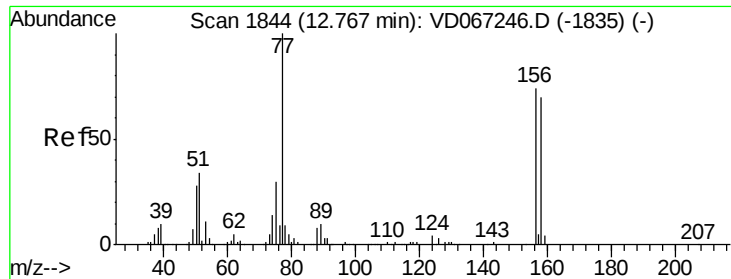
Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	75	Resp:	76723
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.975 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

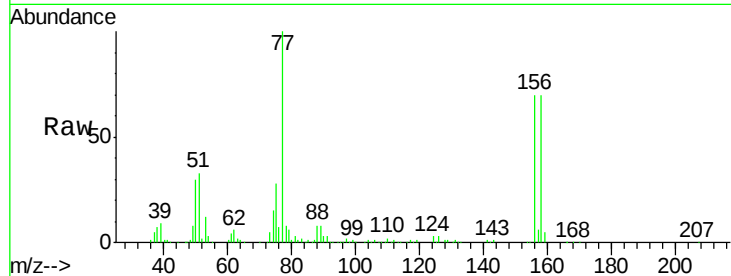
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.1	78.0	233.8
158	101.7	49.1	147.3

Manual Integrations
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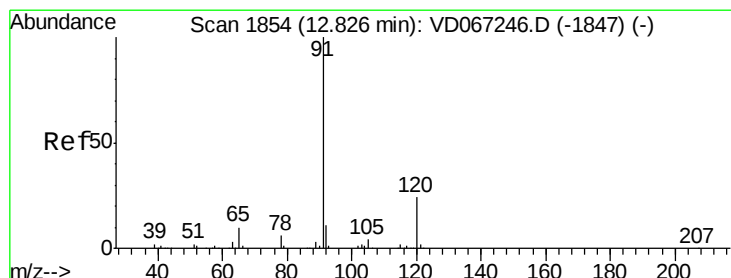
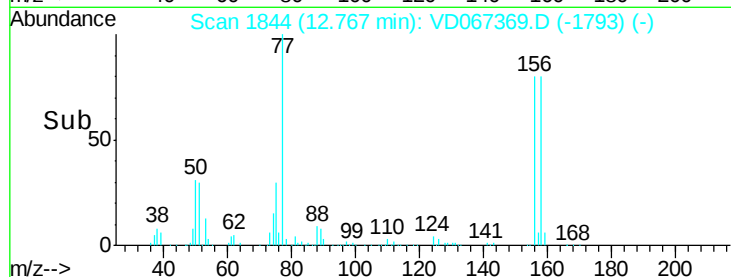
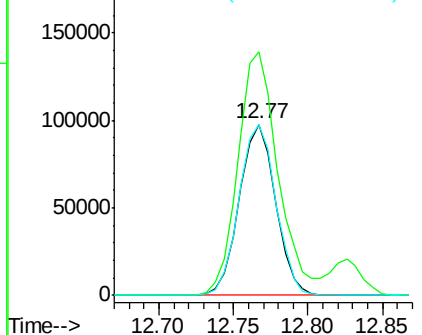
MMDadoda
10/23/2020 2:12:03 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.675 ug/l

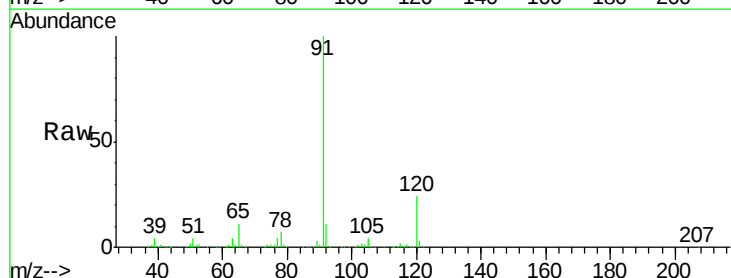
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067369.D

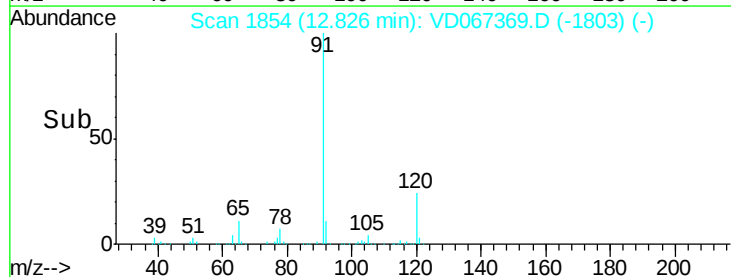
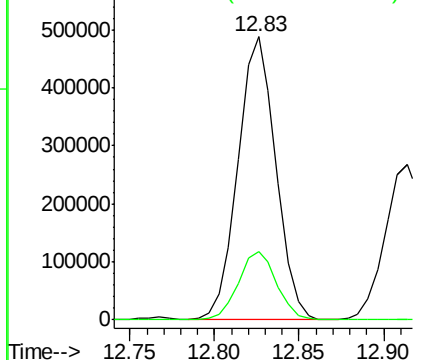
Acq: 22 Oct 2020 18:23

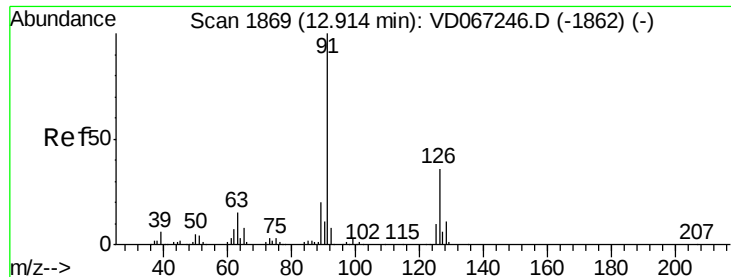
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





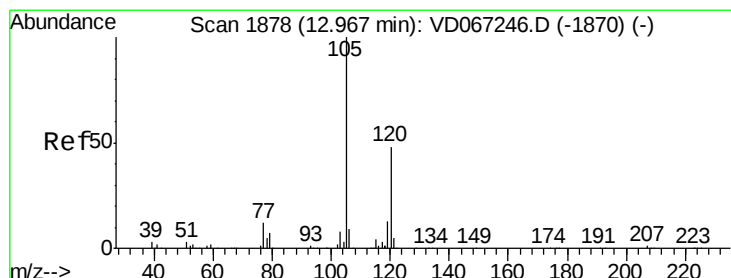
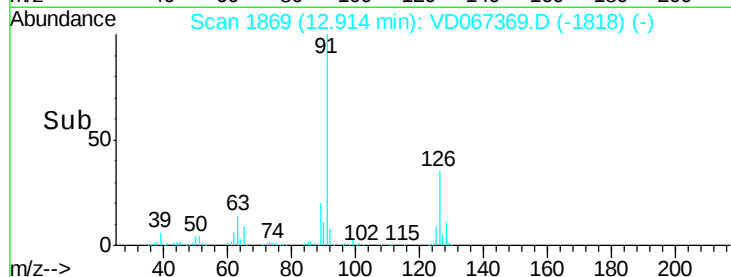
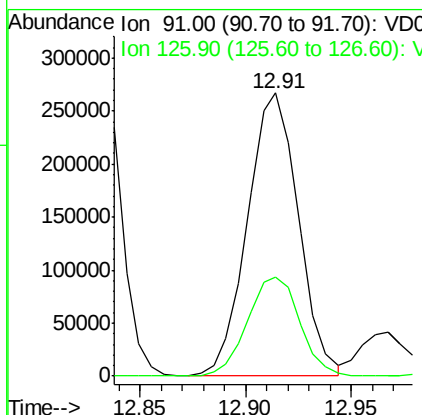
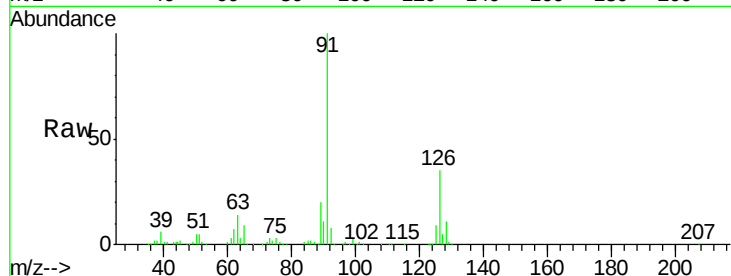
#79
2-Chlorotoluene
Concen: 49.488 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 447569
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.8

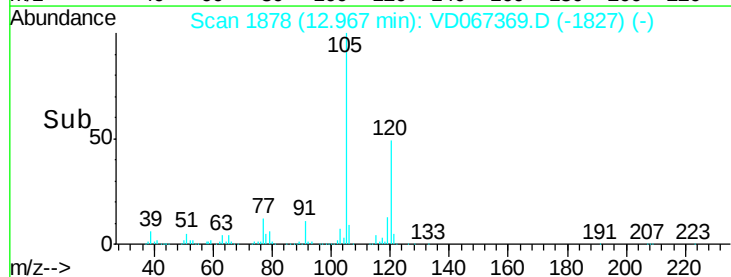
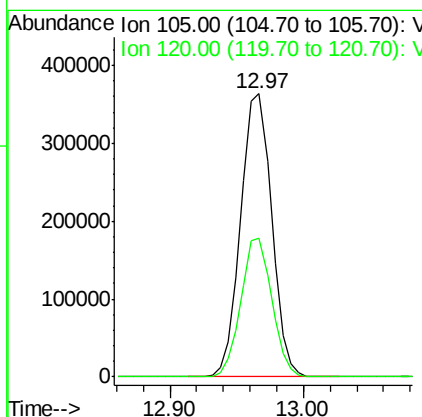
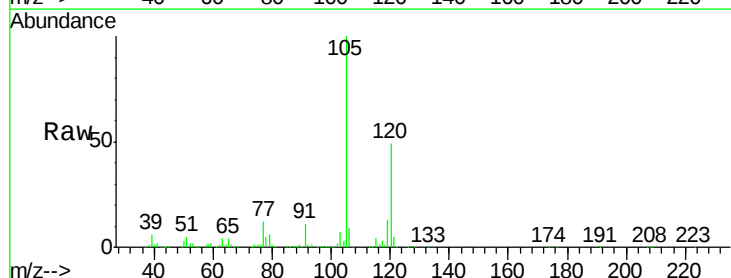
Manual Integrations
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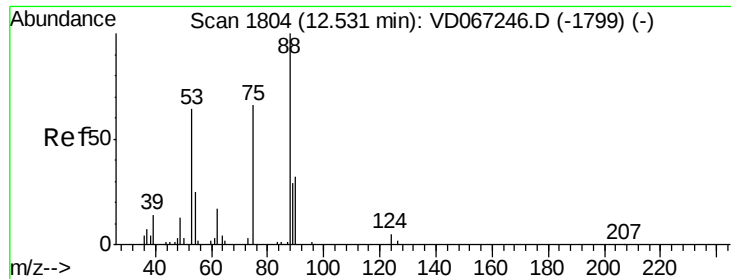
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.971 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion: 105 Resp: 584495
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





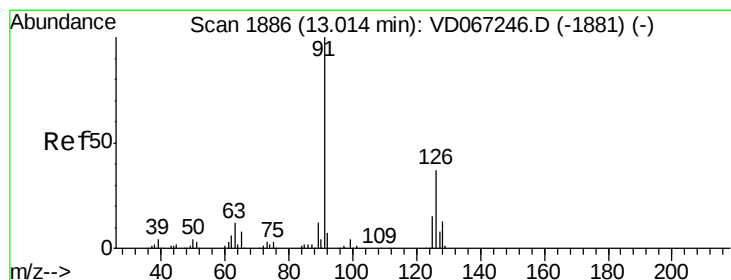
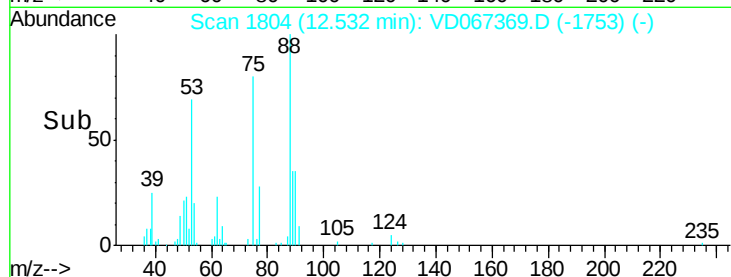
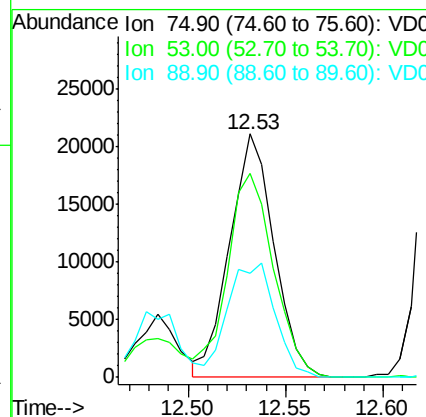
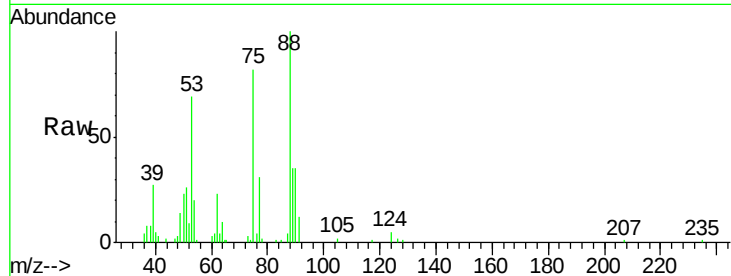
#81
trans-1,4-Dichloro-2-butene
Concen: 51.268 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	78.5	117.7
89	49.9	39.9	59.9

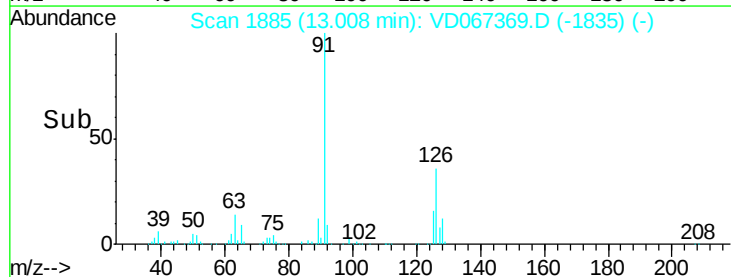
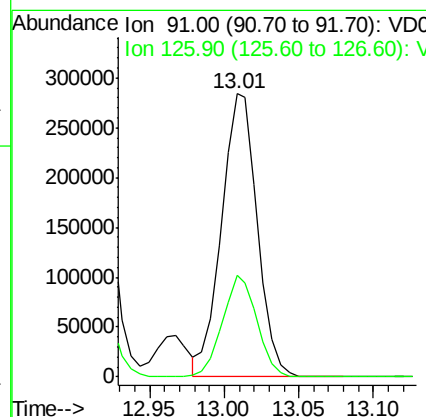
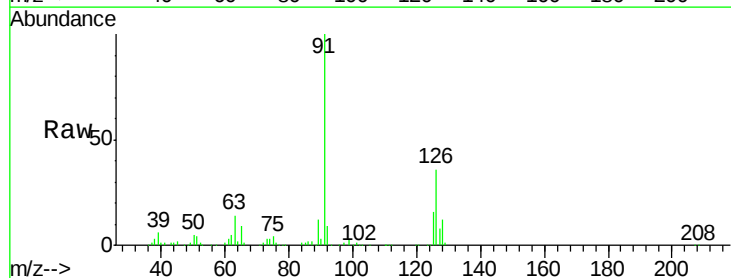
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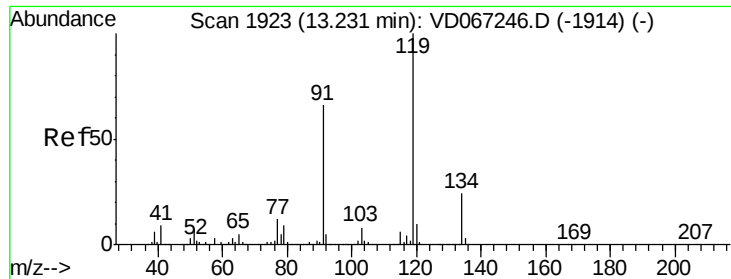
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#82
4-Chlorotoluene
Concen: 49.551 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.8	53.5





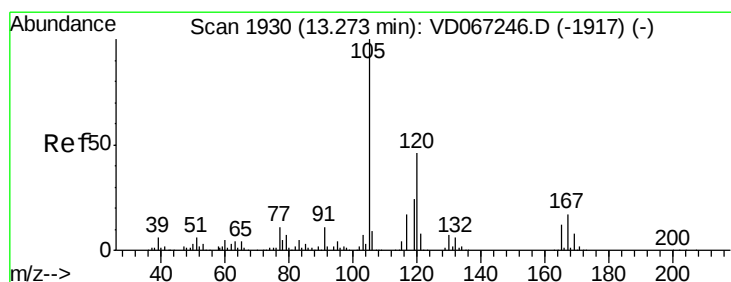
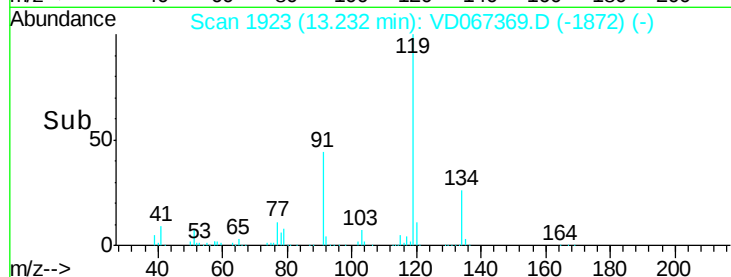
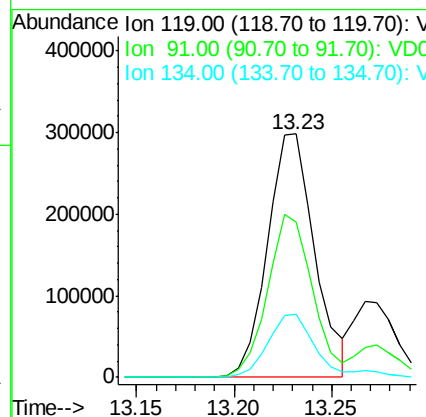
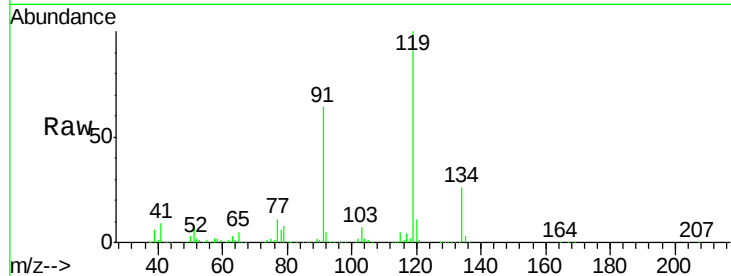
#83
tert-Butylbenzene
Concen: 50.616 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	500103		
91	63.4		33.1	99.2
134	26.8		13.3	39.9

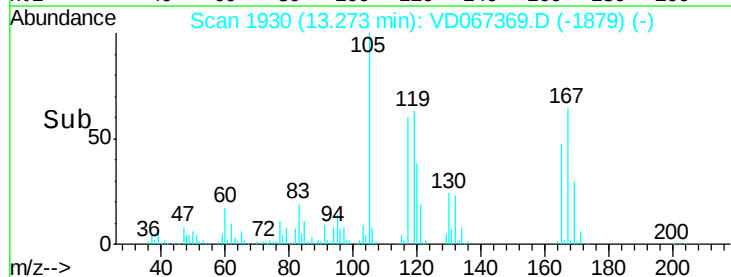
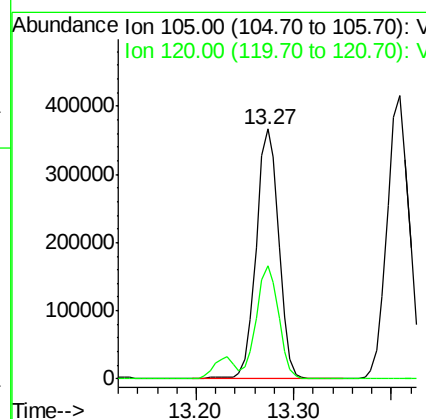
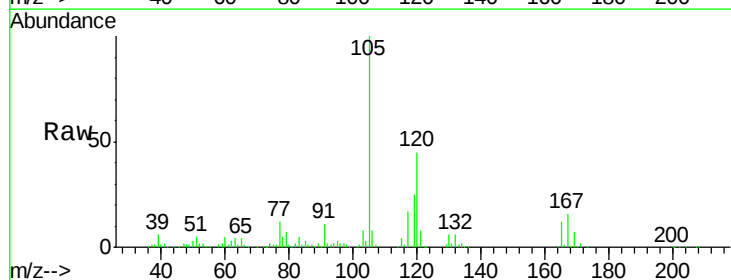
Manual Integrations
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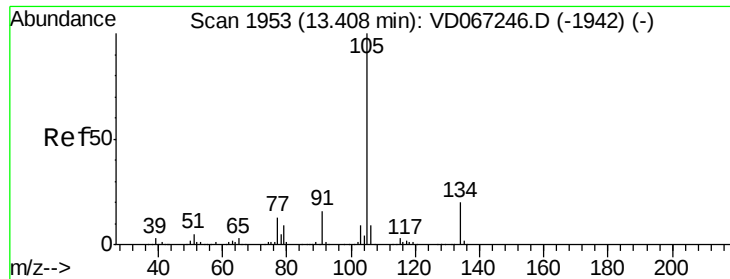
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.044 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	590110		
120	44.7		22.4	67.3





#85

sec-Butylbenzene

Concen: 48.387 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 655998

Ion Ratio Lower Upper

105 100

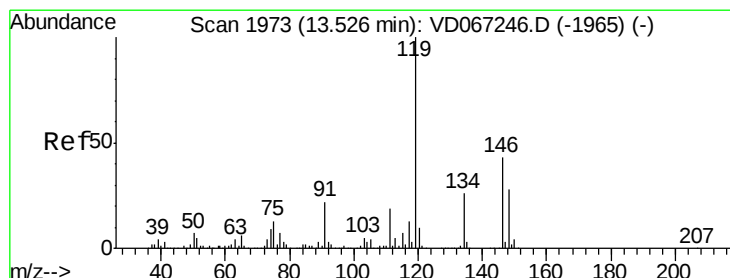
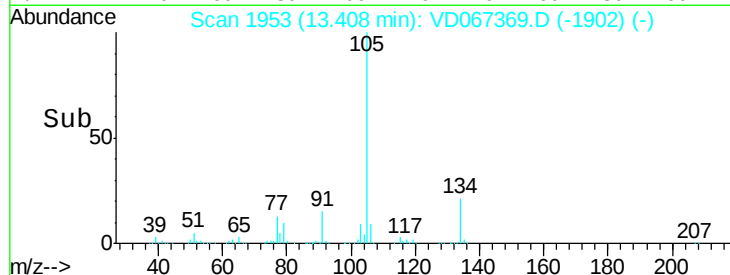
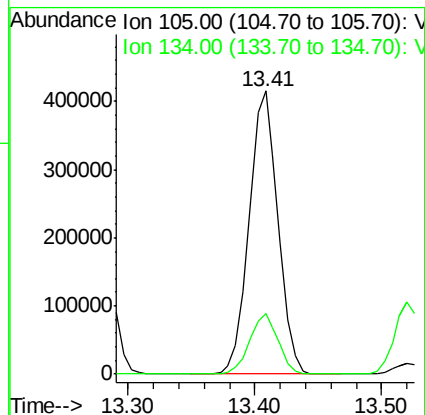
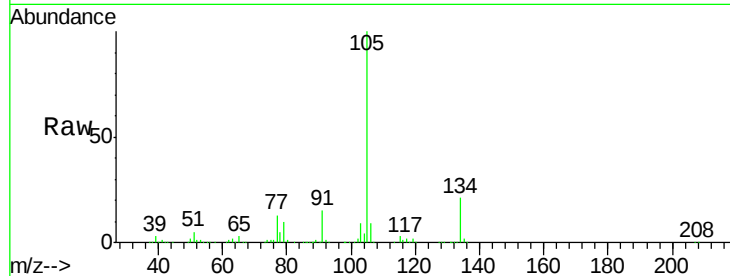
134 21.0 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.919 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

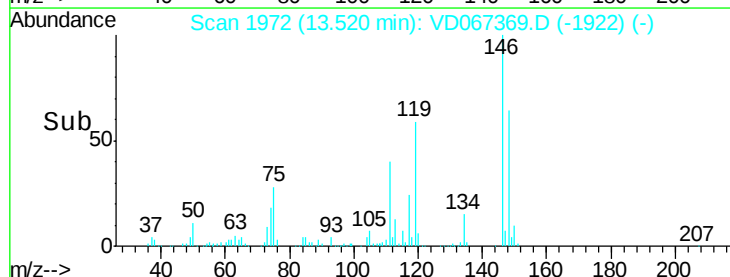
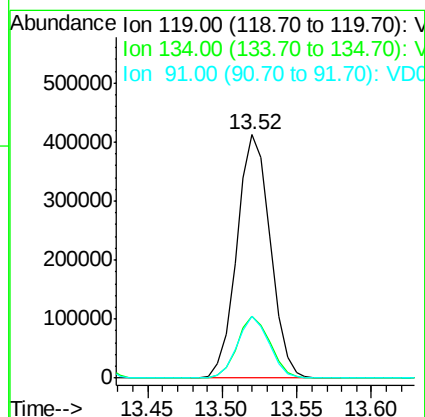
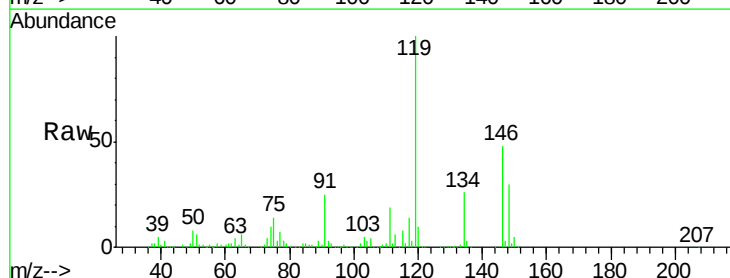
Tgt Ion:119 Resp: 638782

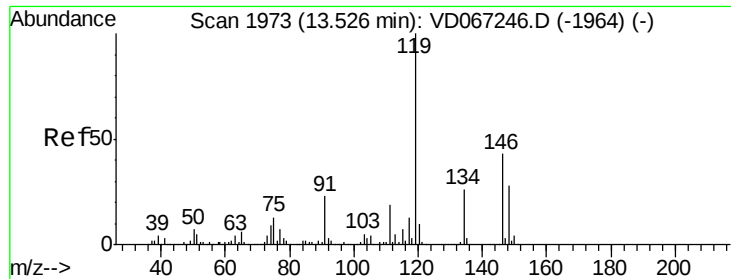
Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.3

91 24.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.347 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Instrument :

MSVOA_D

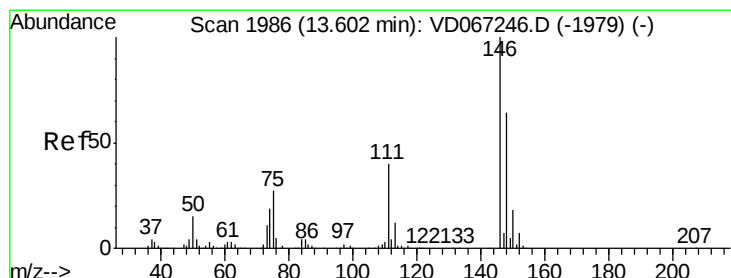
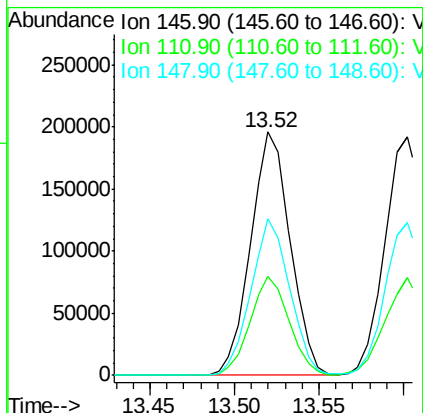
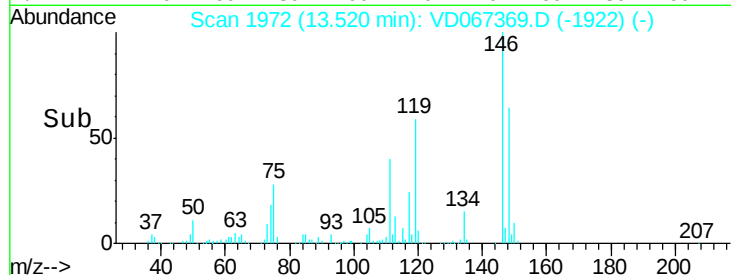
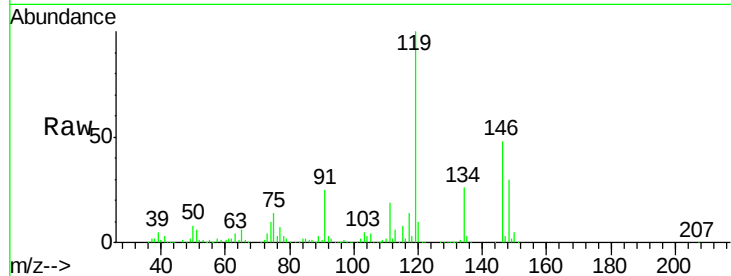
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	318737
Ion Ratio	Lower	Upper	
146	100		
111	40.0	21.1	63.3
148	63.1	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.806 ug/l

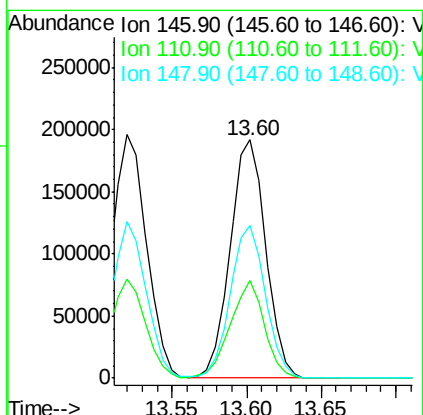
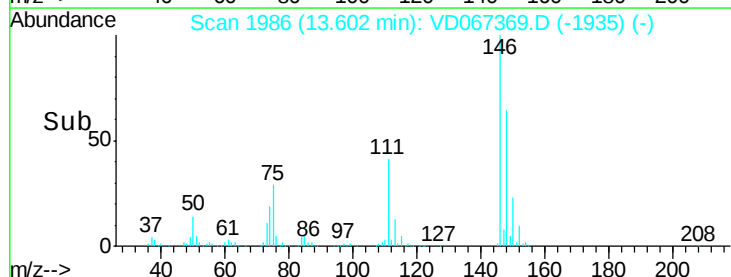
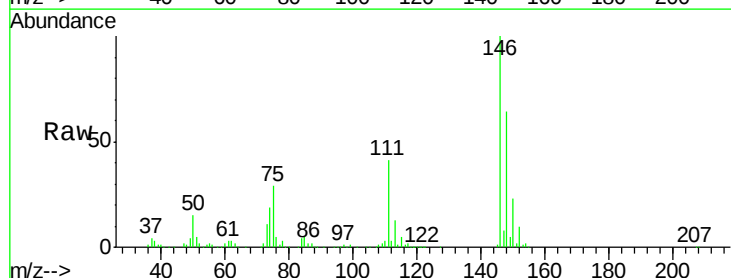
RT: 13.60 min Scan# 1986

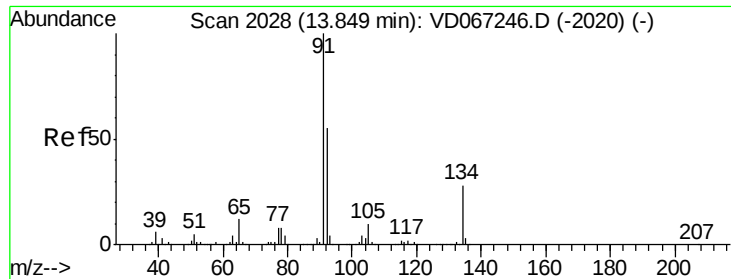
Delta R.T. 0.00 min

Lab File: VD067369.D

Acq: 22 Oct 2020 18:23

Tgt Ion:	146	Resp:	318725
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.9	59.7
148	63.5	31.9	95.9





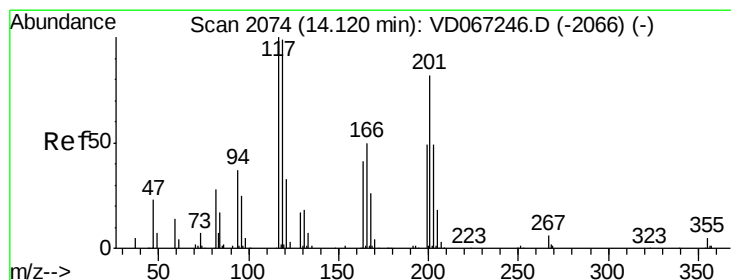
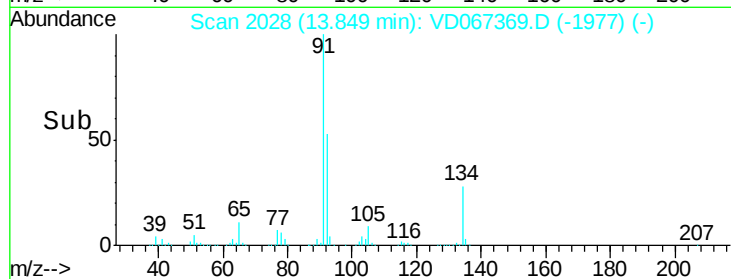
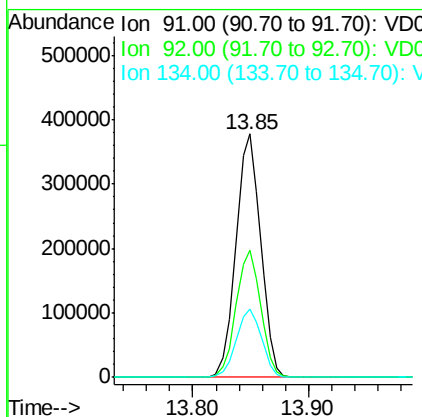
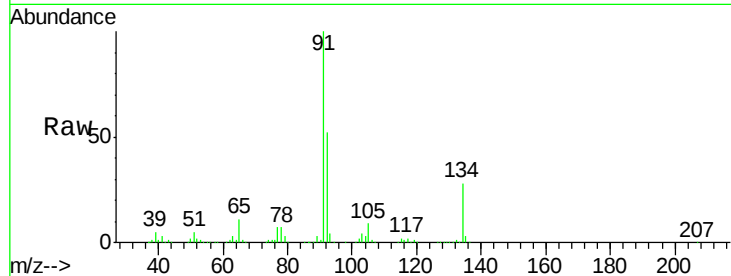
#89
n-Butylbenzene
Concen: 49.700 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.0
134	28.5	14.2	42.6

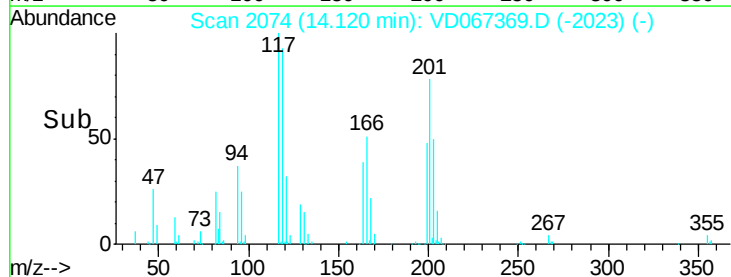
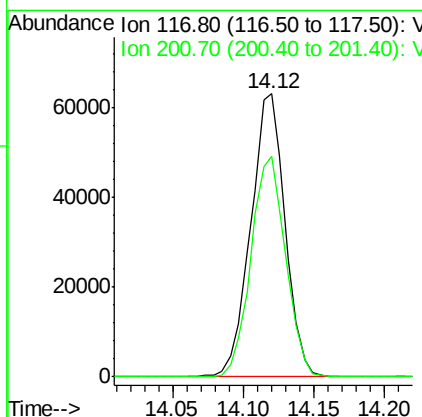
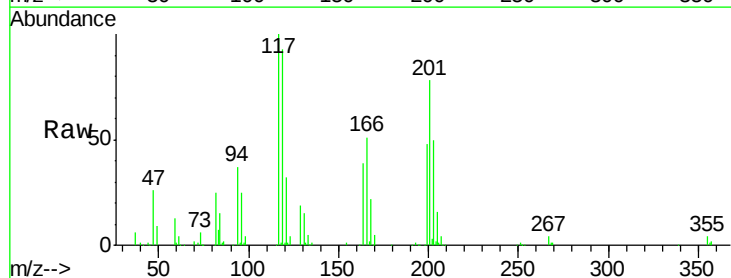
Manual Integrations
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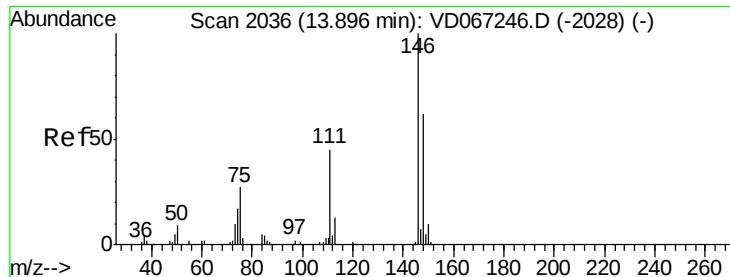
MMDadoda
10/23/2020 2:12:03 PM



#90
Hexachloroethane
Concen: 48.302 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	40.8	122.2





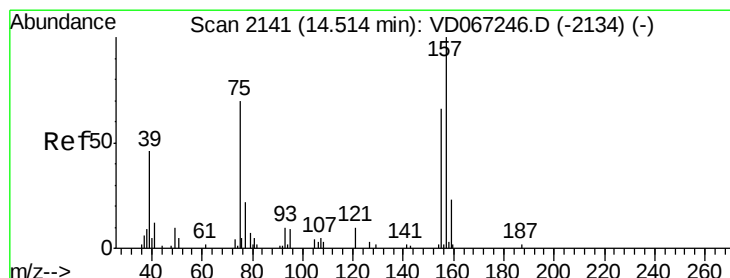
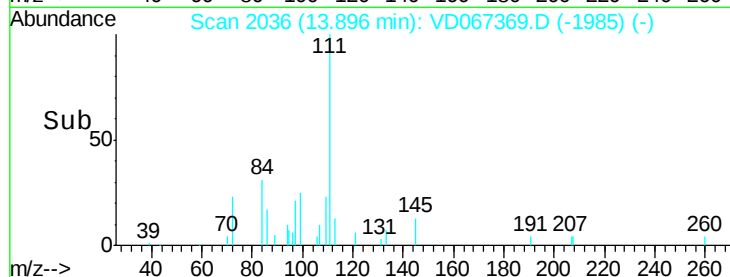
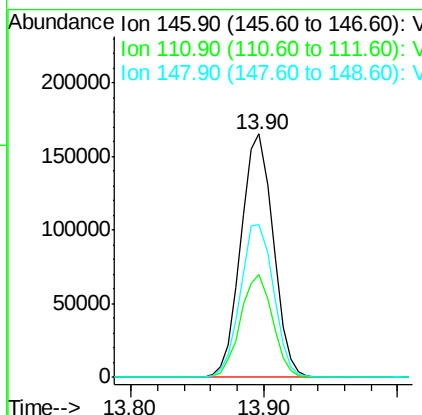
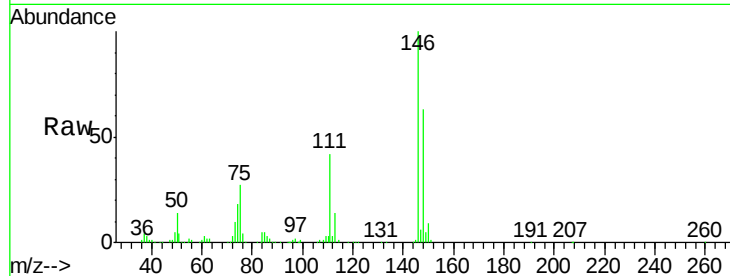
#91
 1,2-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.0	66.0
148	64.6	32.5	97.5

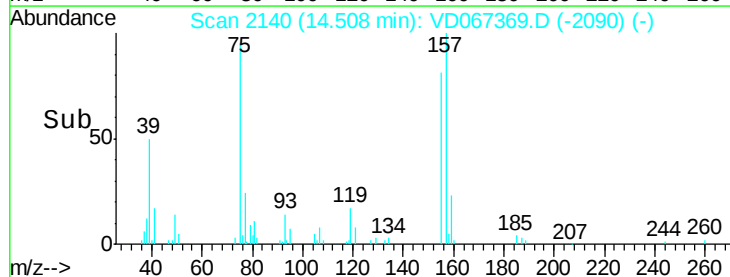
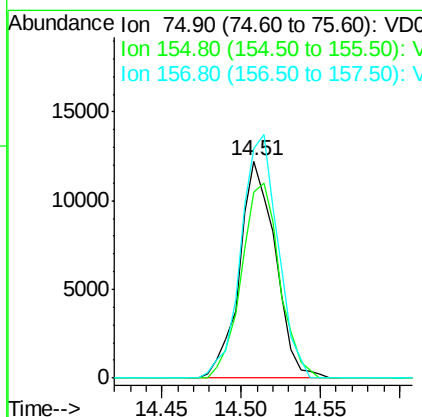
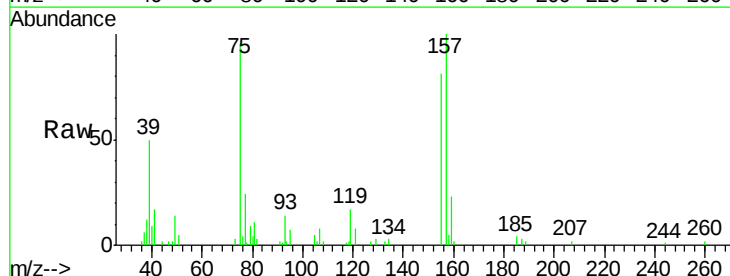
Manual Integrations
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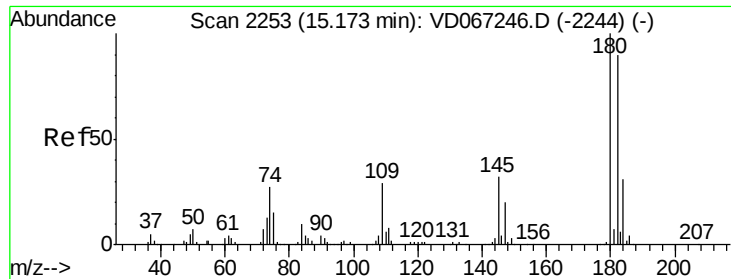
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.380 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067369.D
 Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	44.8	134.4
157	115.2	62.5	187.4





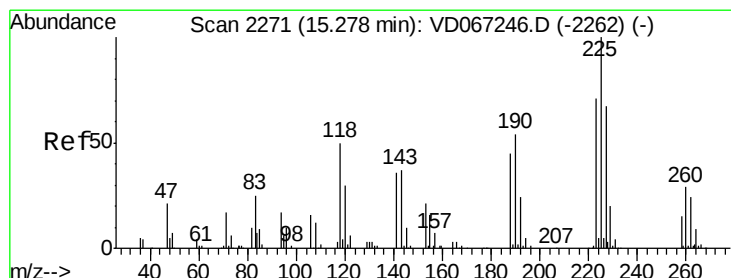
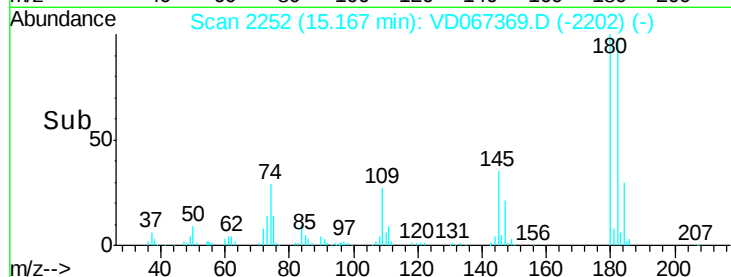
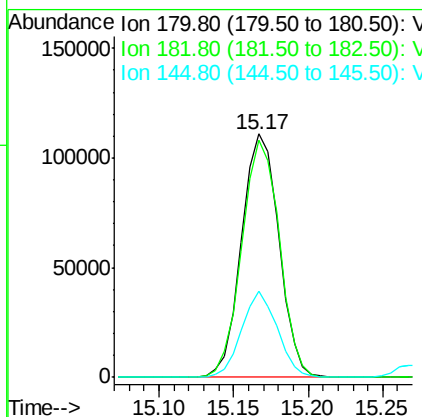
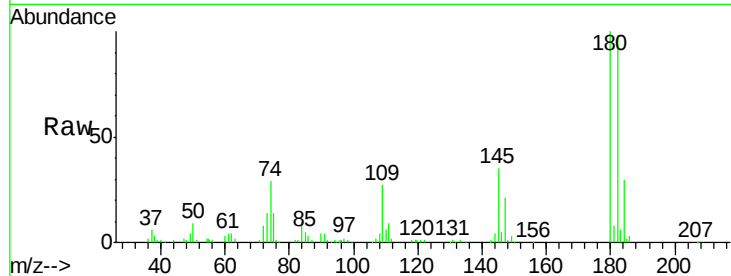
#93
1,2,4-Trichlorobenzene
Concen: 50.558 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.1	144.4
145	33.8	16.3	48.9

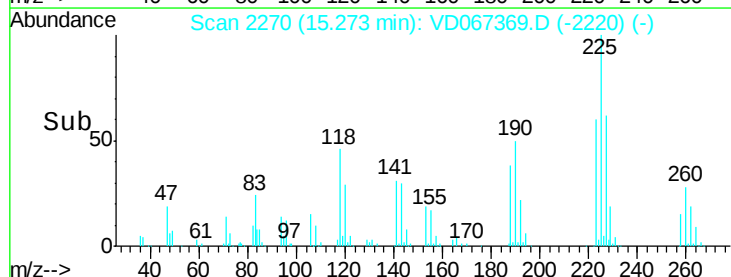
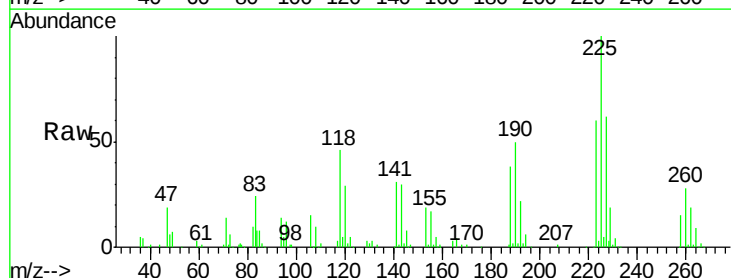
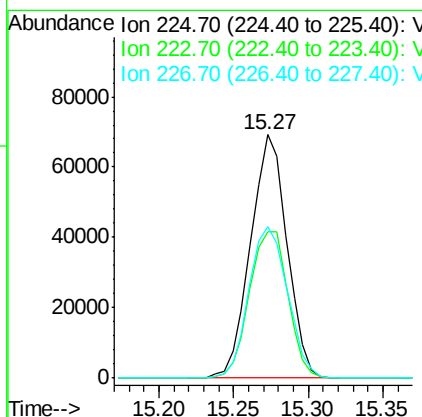
Manual Integrations
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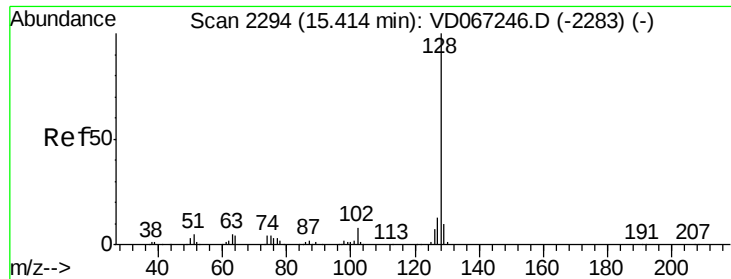
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#94
Hexachlorobutadiene
Concen: 49.374 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.9	95.7
227	66.0	31.2	93.6





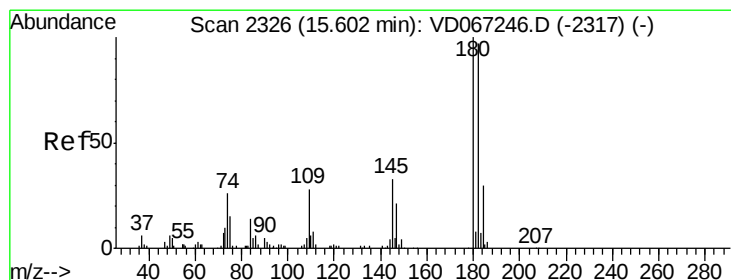
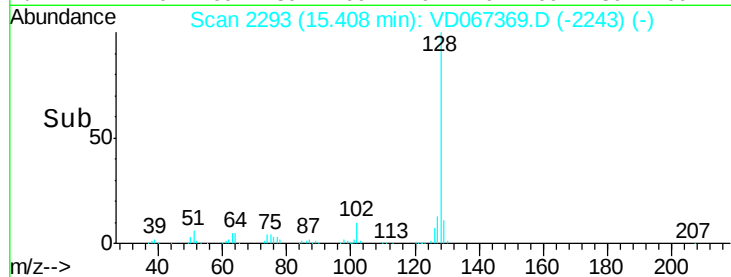
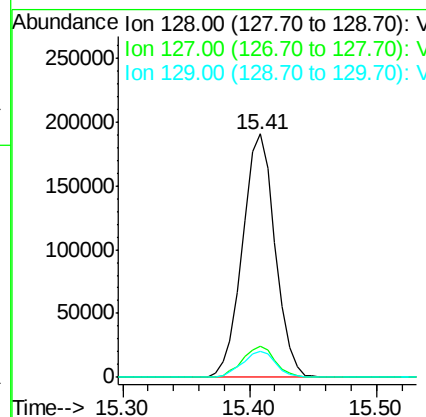
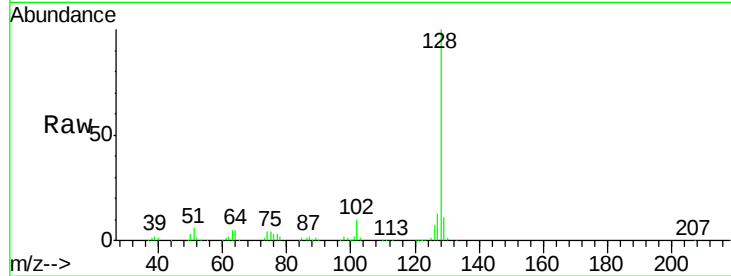
#95
Naphthalene
Concen: 54.247 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.787 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067369.D
Acq: 22 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.1	144.3
145	34.2	17.3	51.9

