

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067354.D
 Acq On : 22 Oct 2020 10:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 10/23/2020 2:11:56 PM

Quant Time: Oct 22 14:59:38 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	332217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	433940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	151826	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	7.92	113	158504	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.34	98	574681	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.64	95	201472	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121159	44.997	ug/l	100
3) Chloromethane	2.21	50	86716	41.475	ug/l	99
4) Vinyl Chloride	2.35	62	99609	43.420	ug/l	98
5) Bromomethane	2.77	94	78431	49.088	ug/l	100
6) Chloroethane	2.92	64	63926	44.745	ug/l	90
7) Trichlorofluoromethane	3.27	101	265343	45.934	ug/l	100
8) Diethyl Ether	3.71	74	58620	44.347	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	141132	45.985	ug/l	99
10) Methyl Iodide	4.30	142	130969	46.260	ug/l	97
11) Tert butyl alcohol	5.21	59	34133	185.487	ug/l	96
12) 1,1-Dichloroethene	4.07	96	126170	46.016	ug/l	95
13) Acrolein	3.92	56	44689	226.855	ug/l	99
14) Allyl chloride	4.71	41	140023	44.594	ug/l	98
15) Acrylonitrile	5.43	53	99130	224.752	ug/l	98
16) Acetone	4.16	43	122102	261.948	ug/l	100
17) Carbon Disulfide	4.41	76	333807	42.706	ug/l	97
18) Methyl Acetate	4.72	43	46928	44.139	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	254394	46.661	ug/l	97
20) Methylene Chloride	4.97	84	137492	45.659	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	144399	45.765	ug/l	98
22) Diisopropyl ether	6.36	45	272312	47.475	ug/l	96
23) Vinyl Acetate	6.31	43	797897	244.508	ug/l	100
24) 1,1-Dichloroethane	6.27	63	226226	46.075	ug/l	100
25) 2-Butanone	7.21	43	118713	223.421	ug/l	96
26) 2,2-Dichloropropane	7.21	77	243669	48.148	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	162004	46.848	ug/l	100
28) Bromochloromethane	7.55	49	82367	49.182	ug/l #	100
29) Tetrahydrofuran	7.56	42	69399	234.962	ug/l	97
30) Chloroform	7.71	83	277842	47.369	ug/l	92
31) Cyclohexane	7.99	56	171578	44.757	ug/l	91
32) 1,1,1-Trichloroethane	7.91	97	272881	47.416	ug/l	98
36) 1,1-Dichloropropene	8.11	75	197517	49.120	ug/l	98
37) Ethyl Acetate	7.29	43	57324	48.453	ug/l	95
38) Carbon Tetrachloride	8.10	117	261164	50.816	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	212335	50.510	ug/l	99
40) Benzene	8.35	78	543550	49.272	ug/l	96
41) Methacrylonitrile	7.53	41	34338m	53.710	ug/l	
42) 1,2-Dichloroethane	8.43	62	171528	49.685	ug/l	100
43) Isopropyl Acetate	8.45	43	112601	47.965	ug/l	99
44) Trichloroethene	9.11	130	176825	50.063	ug/l	96
45) 1,2-Dichloropropane	9.39	63	122162	47.782	ug/l	97
46) Dibromomethane	9.48	93	80034	50.244	ug/l	93
47) Bromodichloromethane	9.67	83	216692	50.774	ug/l	98
48) Methyl methacrylate	9.46	41	53786	47.146	ug/l	99
49) 1,4-Dioxane	9.46	88	14855	962.522	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	286043	244.295	ug/l	100
52) Toluene	10.41	92	393377	52.355	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	190229	50.741	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	216284	49.295	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	104759	48.228	ug/l	97
56) Ethyl methacrylate	10.66	69	113277	50.283	ug/l	98
57) 1,3-Dichloropropane	10.95	76	171444	49.596	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	293252	253.751	ug/l	98
59) 2-Hexanone	10.99	43	208085	260.072	ug/l	99
60) Dibromochloromethane	11.14	129	150807	47.606	ug/l	94
61) 1,2-Dibromoethane	11.25	107	101397	47.350	ug/l	97
64) Tetrachloroethene	10.88	164	154129	49.023	ug/l	97
65) Chlorobenzene	11.67	112	416187	50.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	171536	51.867	ug/l	97
67) Ethyl Benzene	11.75	91	735142	51.537	ug/l	99
68) m/p-Xylenes	11.86	106	570050	103.779	ug/l	98
69) o-Xylene	12.18	106	257211	50.567	ug/l	99
70) Styrene	12.20	104	454180	51.870	ug/l	100
71) Bromoform	12.37	173	87983	49.520	ug/l #	100
73) Isopropylbenzene	12.48	105	739174	53.195	ug/l	99
74) N-amyl acetate	12.29	43	104281	49.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	103252	48.496	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	60843m	40.095	ug/l	
77) Bromobenzene	12.77	156	176129	50.842	ug/l	99
78) n-propylbenzene	12.83	91	848158	52.682	ug/l	100
79) 2-Chlorotoluene	12.91	91	478447	51.245	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	632643	52.393	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32157	48.055	ug/l	97
82) 4-Chlorotoluene	13.01	91	513893	51.860	ug/l	99
83) tert-Butylbenzene	13.23	119	551471	54.066	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	625242	52.389	ug/l	100
85) sec-Butylbenzene	13.41	105	733268	52.392	ug/l	100
86) p-Isopropyltoluene	13.52	119	695279	52.631	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	335733	50.350	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	333028	50.411	ug/l	99
89) n-Butylbenzene	13.85	91	615919	52.998	ug/l	100
90) Hexachloroethane	14.12	117	119143	51.683	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	290149	49.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17821	46.073	ug/l	93

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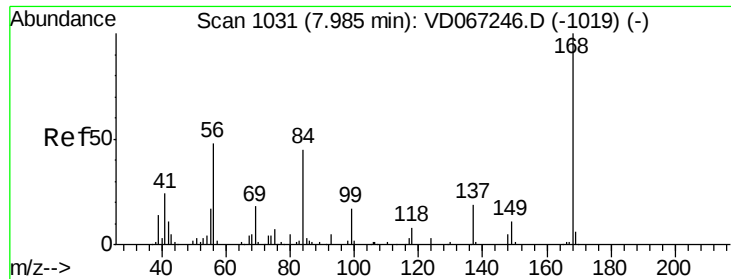
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	205329	52.281	ug/l	99
94) Hexachlorobutadiene	15.27	225	131989	54.119	ug/l	99
95) Naphthalene	15.41	128	332764	51.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	176183	51.927	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 332217

Ion Ratio Lower Upper

168 100

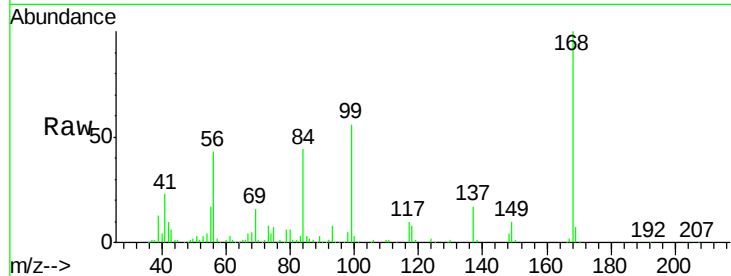
99 56.1 45.9 68.9

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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

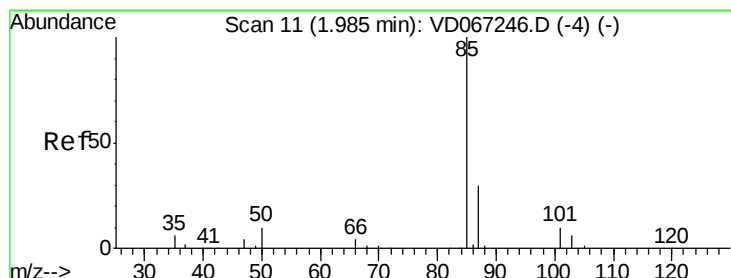
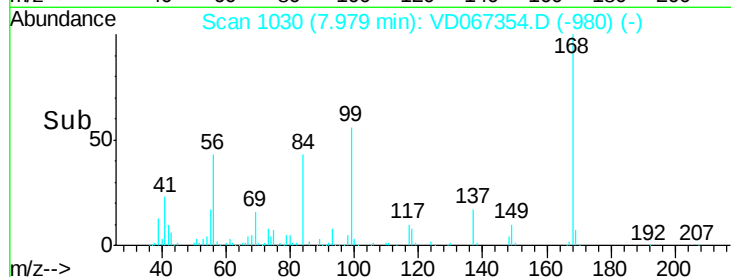
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.997 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067354.D

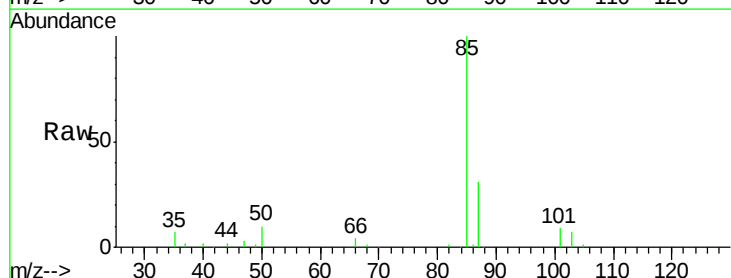
Acq: 22 Oct 2020 10:07

Tgt Ion: 85 Resp: 121159

Ion Ratio Lower Upper

85 100

87 30.6 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

100000

80000

60000

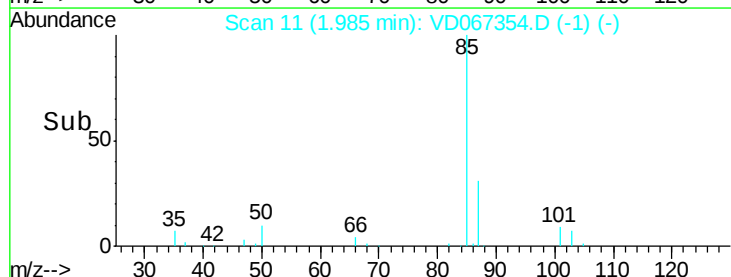
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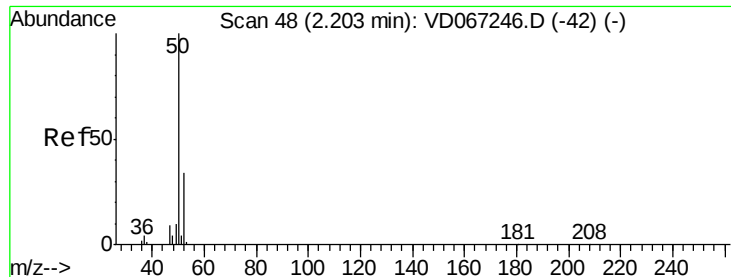
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.475 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 86716

Ion Ratio Lower Upper

50 100

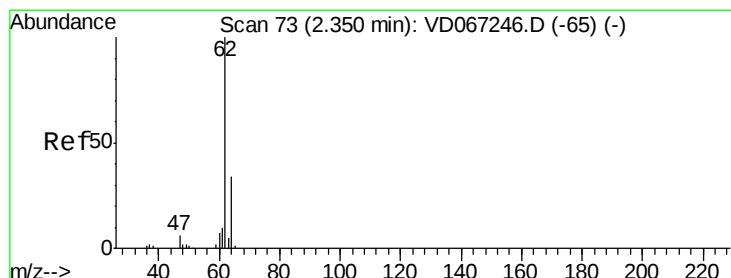
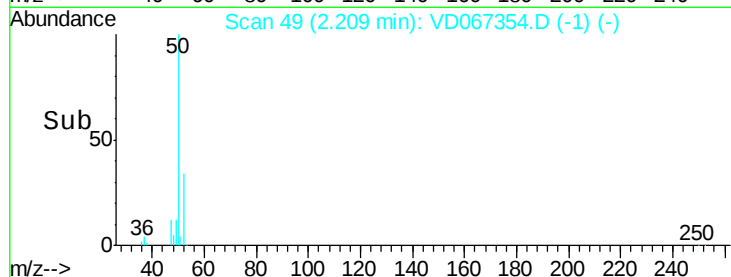
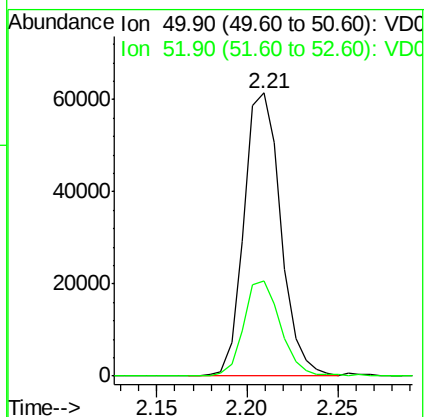
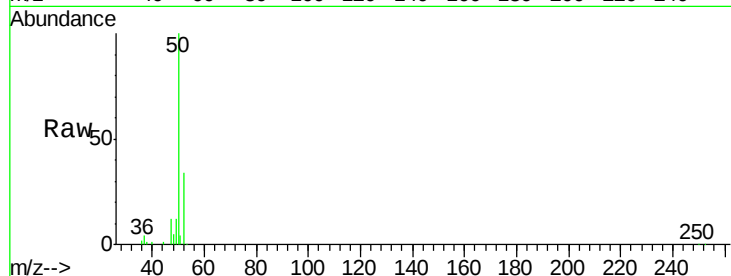
52 33.6 27.1 40.7

Manual Integrations

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10/23/2020 2:11:56 PM



#4

Vinyl Chloride

Concen: 43.420 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067354.D

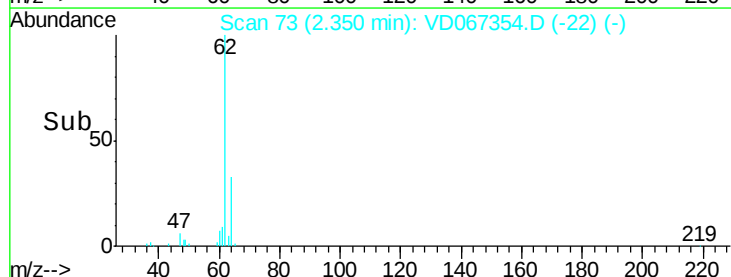
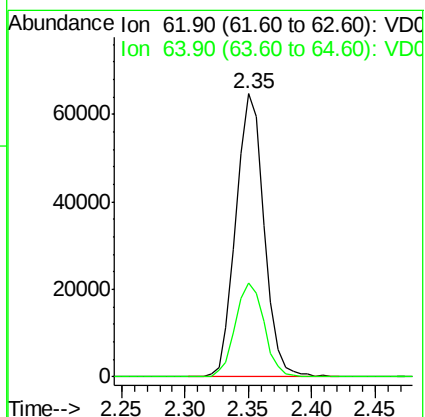
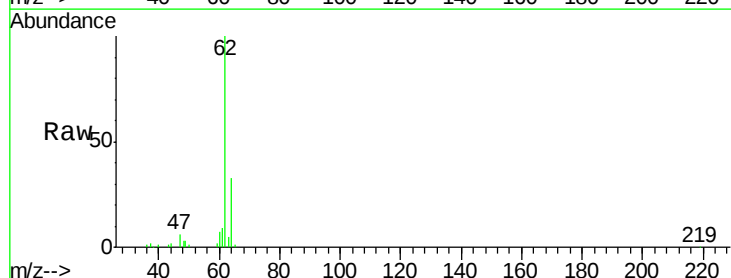
Acq: 22 Oct 2020 10:07

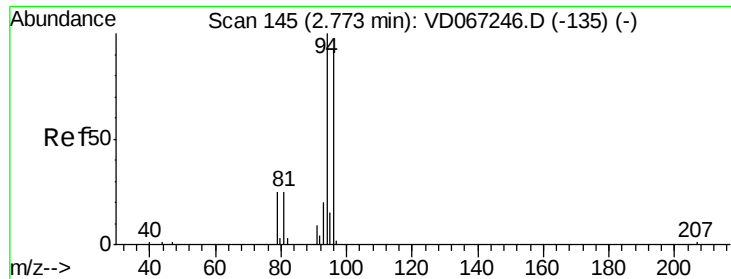
Tgt Ion: 62 Resp: 99609

Ion Ratio Lower Upper

62 100

64 33.3 27.4 41.0





#5

Bromomethane

Concen: 49.088 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78431

Ion Ratio Lower Upper

94 100

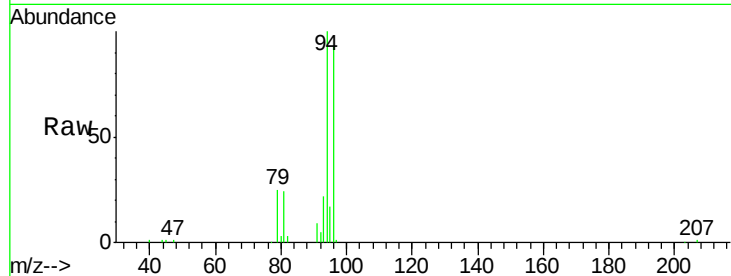
96 92.7 73.8 110.6

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10/23/2020 2:11:56 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

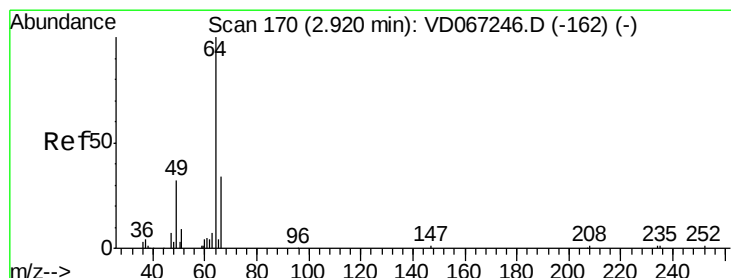
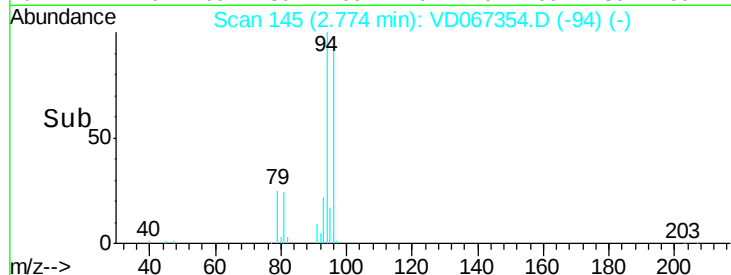
20000

10000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 44.745 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067354.D

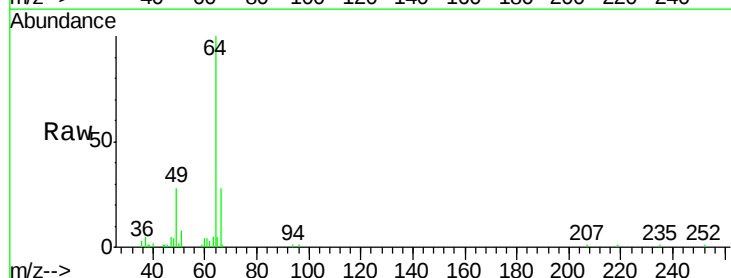
Acq: 22 Oct 2020 10:07

Tgt Ion: 64 Resp: 63926

Ion Ratio Lower Upper

64 100

66 28.3 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

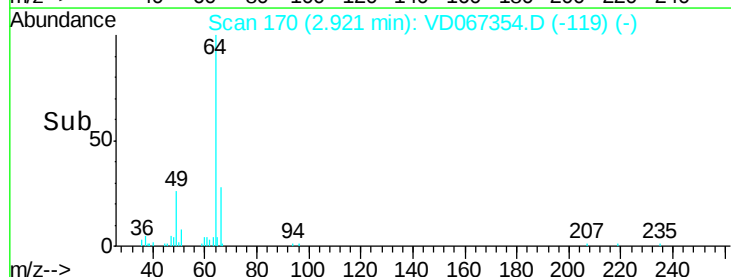
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Time-->

2.85 2.90 2.95 3.00





#7

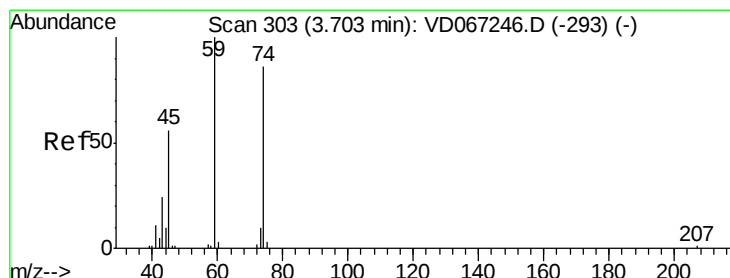
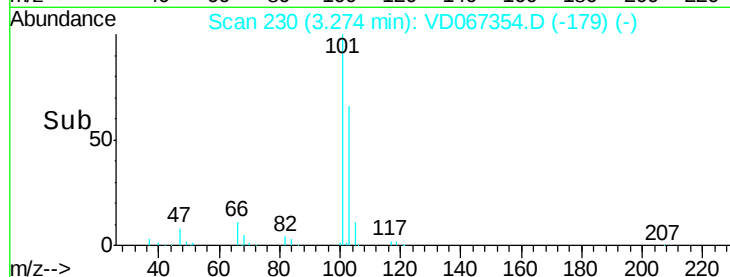
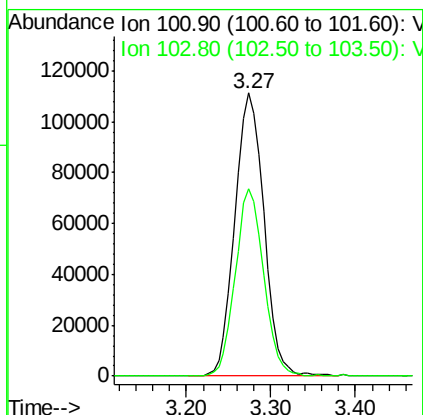
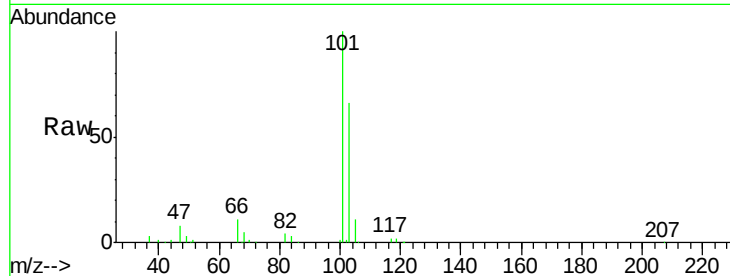
Trichlorofluoromethane
Concen: 45.934 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.1	79.7

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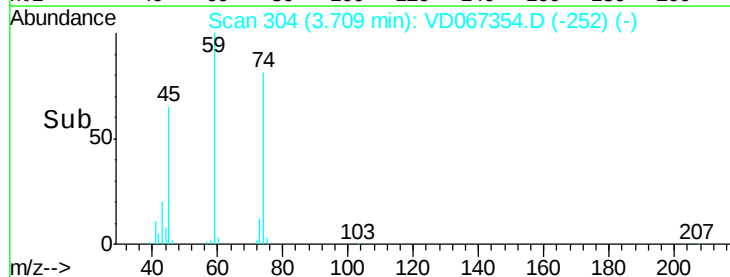
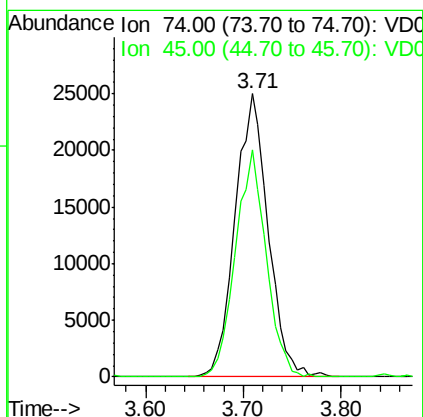
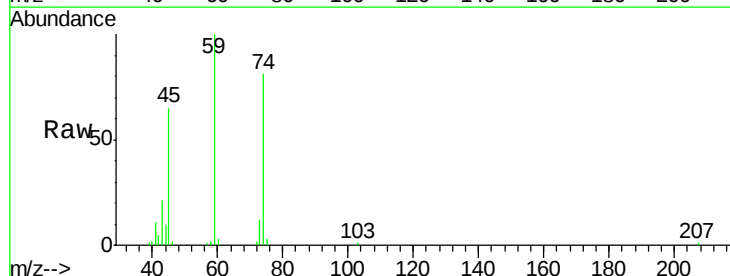
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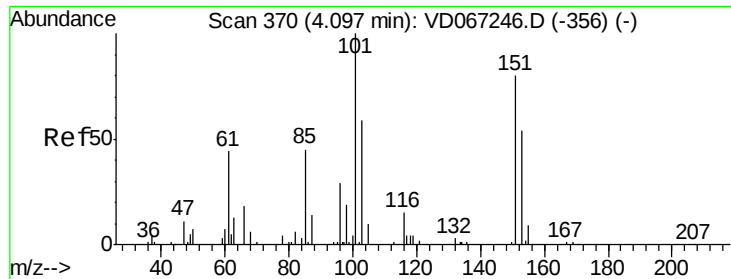


#8

Diethyl Ether
Concen: 44.347 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.6	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.985 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

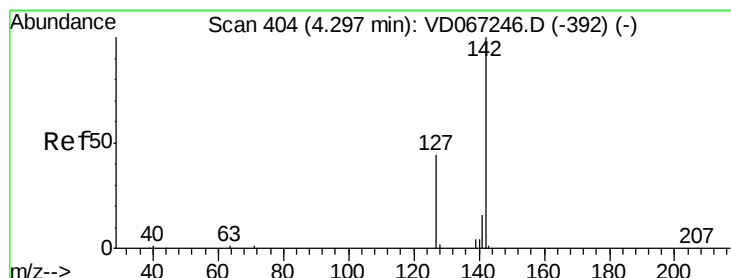
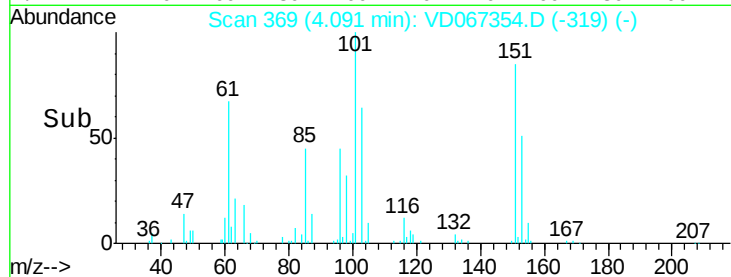
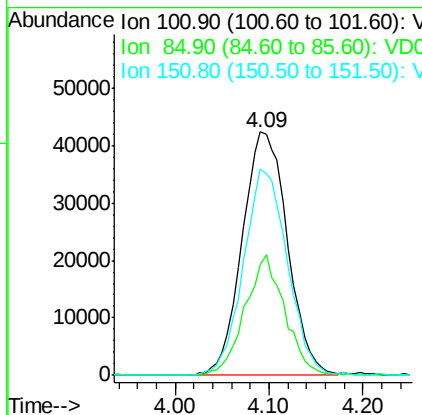
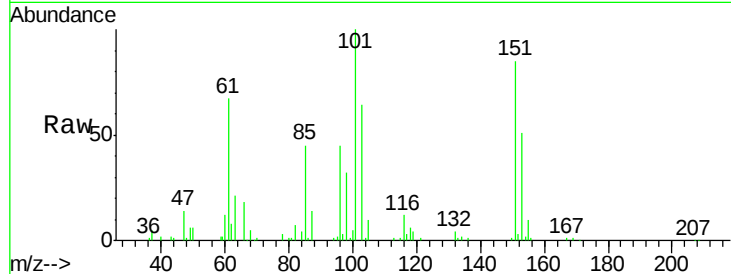
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141132		
85	43.5	34.2	51.4	
151	82.4	66.3	99.5	

Manual Integrations
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10/23/2020 2:11:56 PM



#10

Methyl Iodide

Concen: 46.260 ug/l

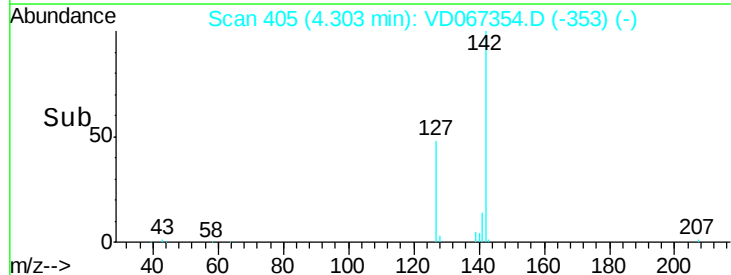
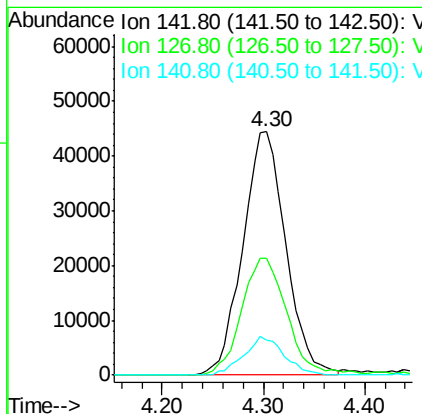
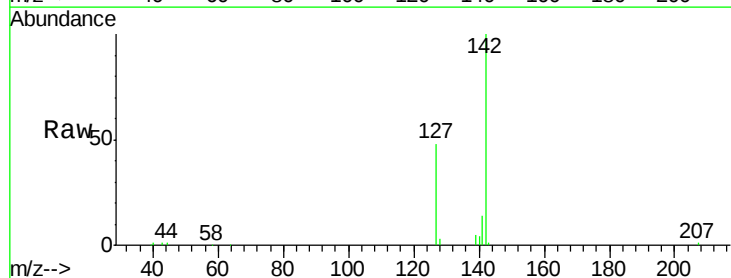
RT: 4.30 min Scan# 405

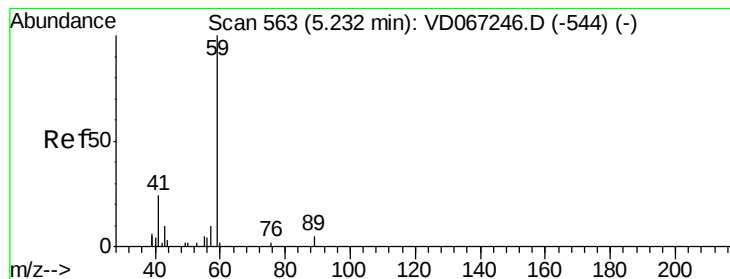
Delta R.T. 0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	130969		
127	50.2	38.4	57.6	
141	14.8	11.6	17.4	





#11

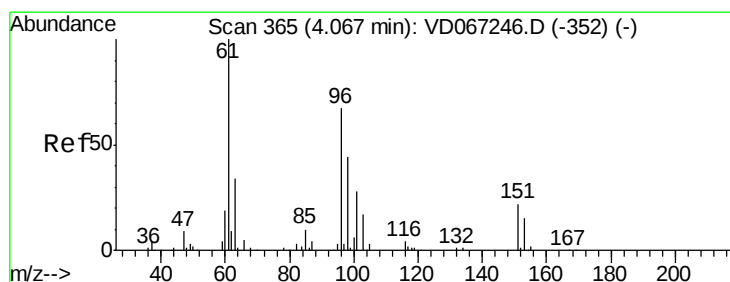
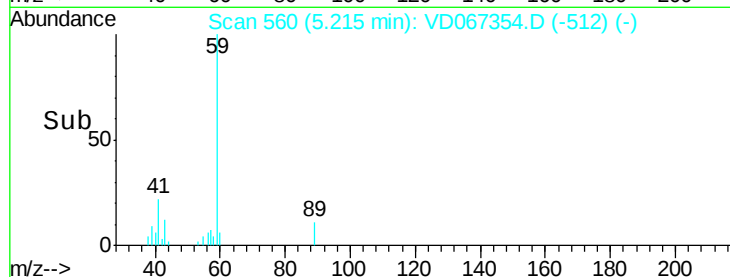
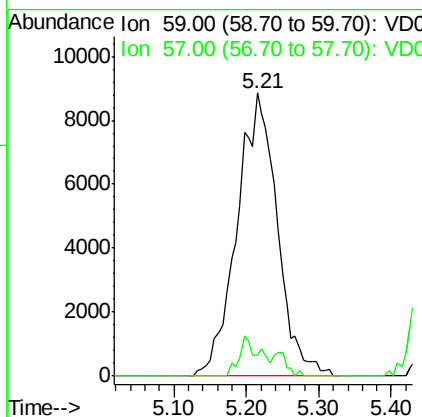
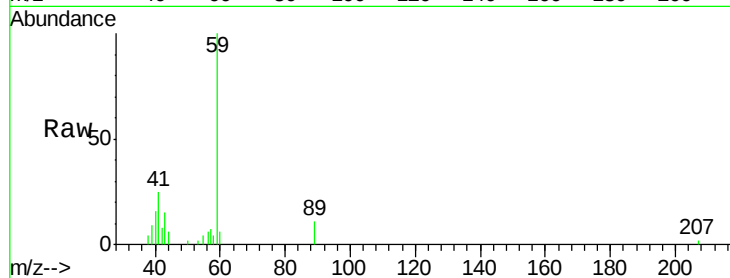
Tert butyl alcohol
Concen: 185.487 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	5.1	7.7

Manual Integrations
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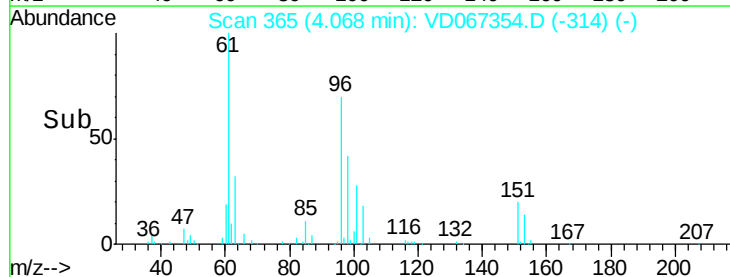
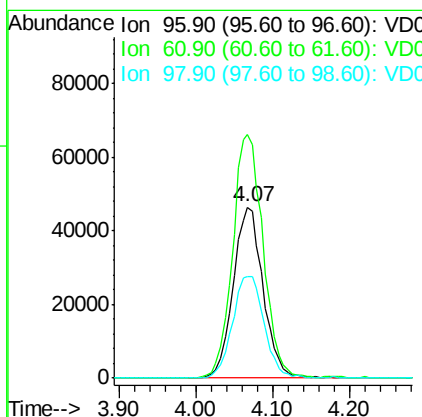
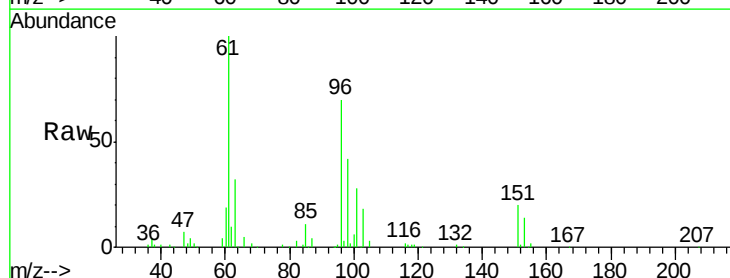
MMDadoda
10/23/2020 2:11:56 PM

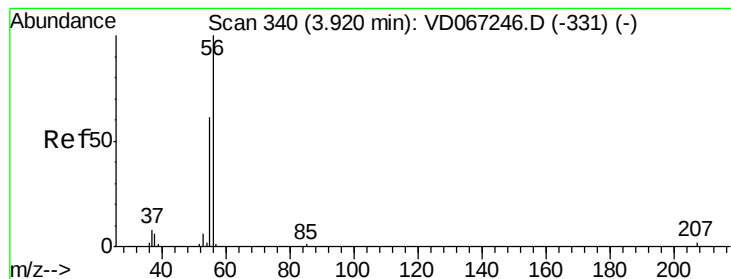


#12

1,1-Dichloroethene
Concen: 46.016 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	118.6	177.8
98	59.2	51.8	77.6





#13

Acrolein

Concen: 226.855 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 44689

Ion Ratio Lower Upper

56 100

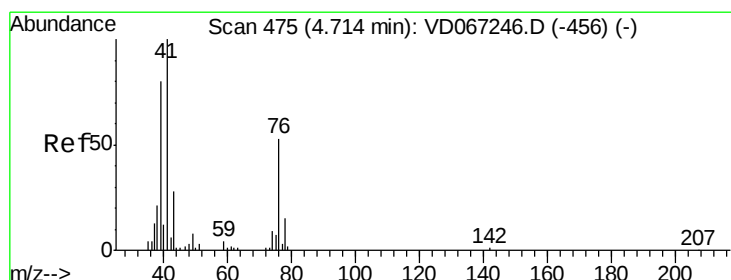
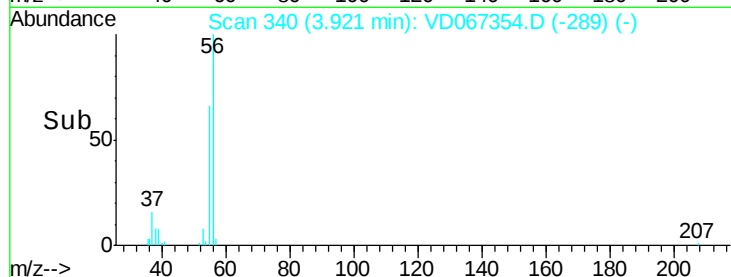
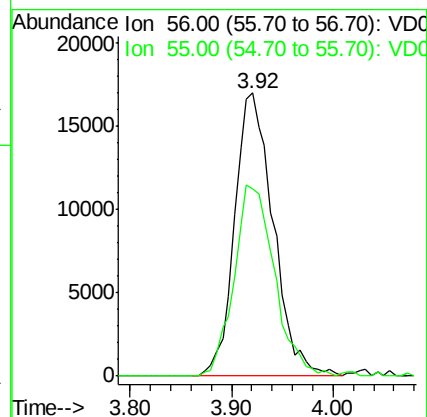
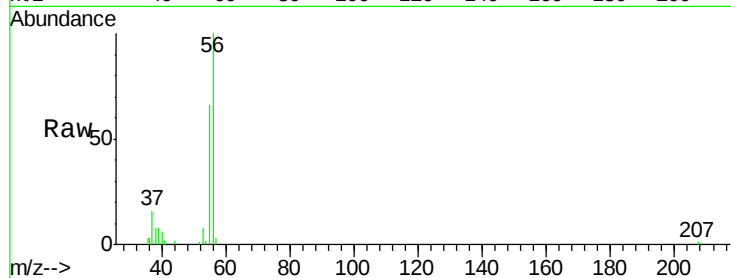
55 70.8 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 44.594 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

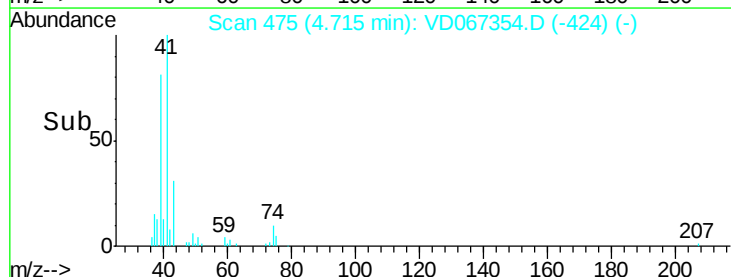
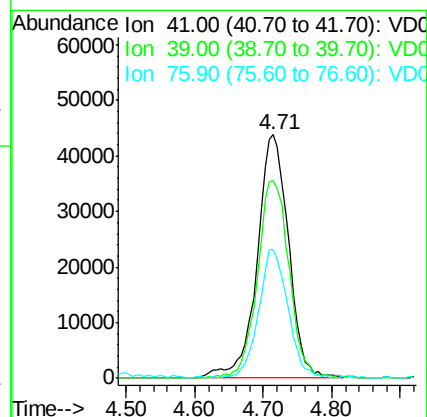
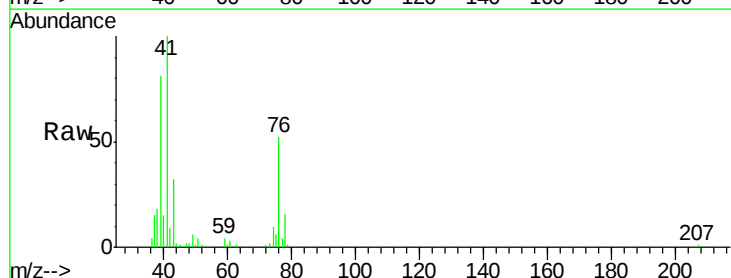
Tgt Ion: 41 Resp: 140023

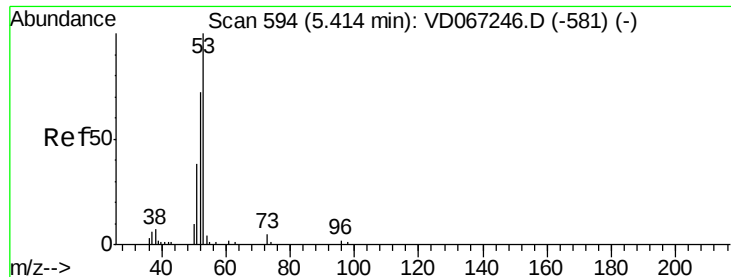
Ion Ratio Lower Upper

41 100

39 81.6 63.8 95.6

76 49.3 40.4 60.6





#15

Acrylonitrile

Concen: 224.752 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

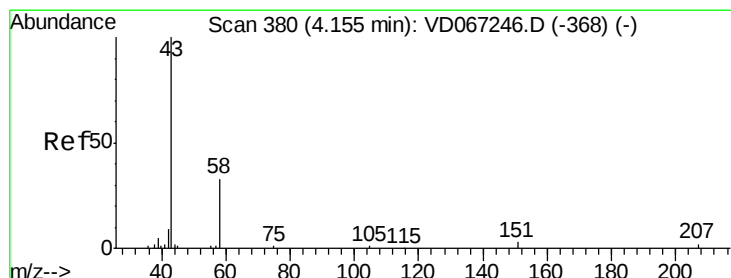
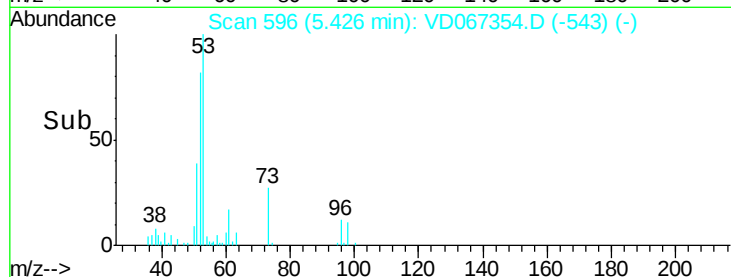
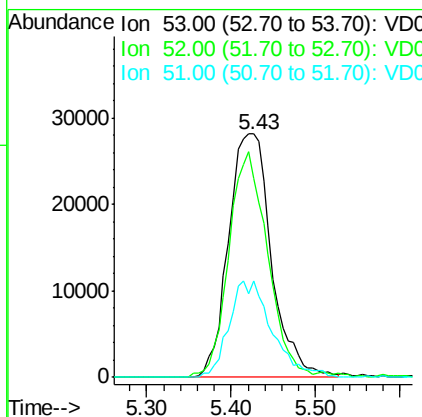
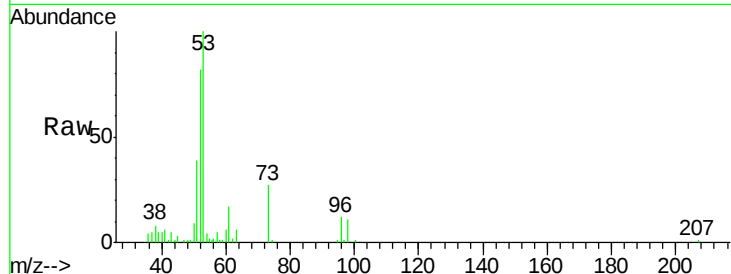
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	99130
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.6	98.4
51	39.5	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 261.948 ug/l

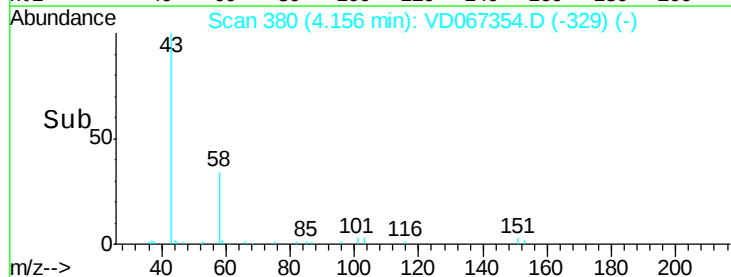
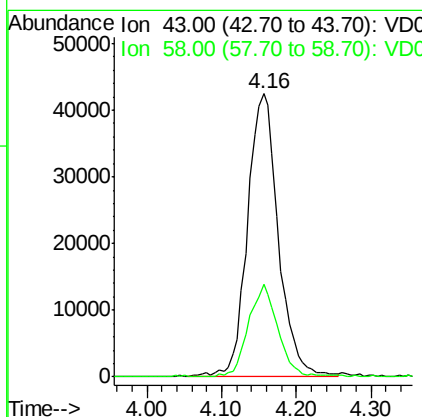
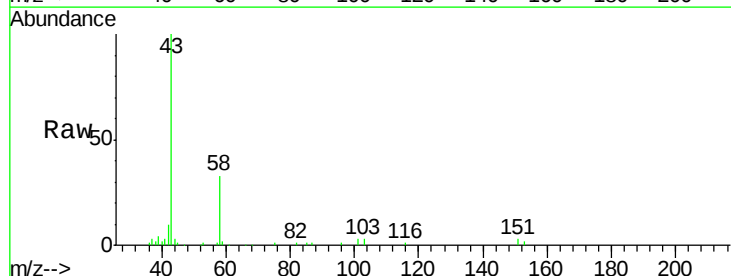
RT: 4.16 min Scan# 380

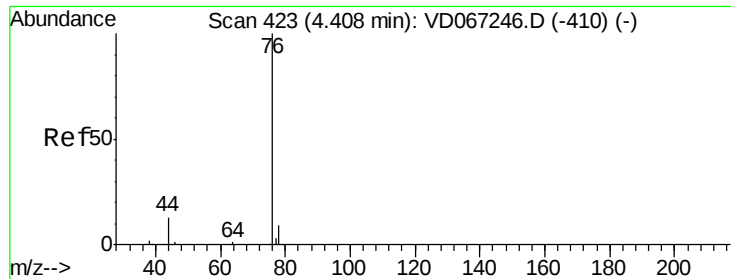
Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Tgt Ion:	43	Resp:	122102
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.1	39.1





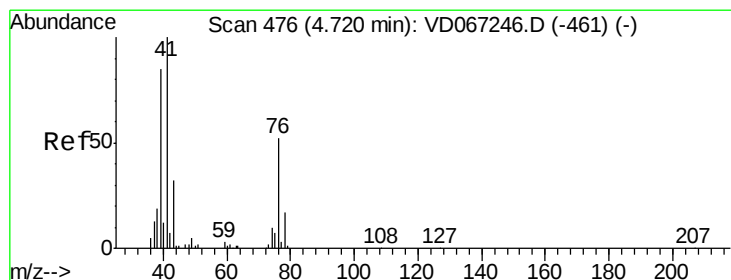
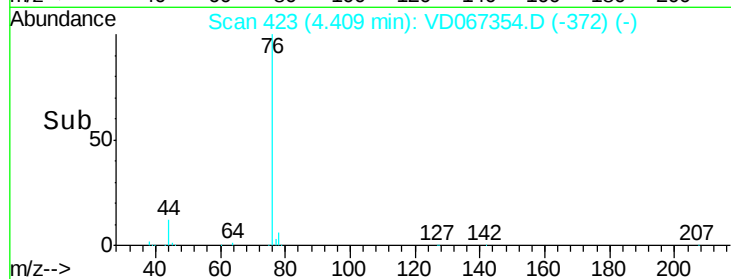
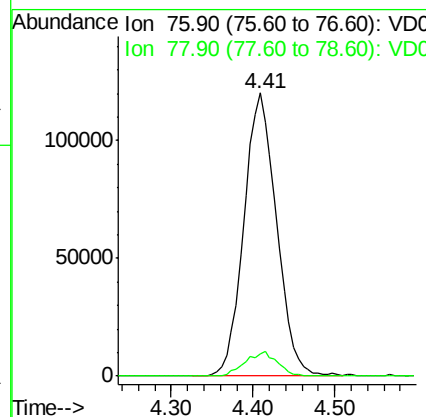
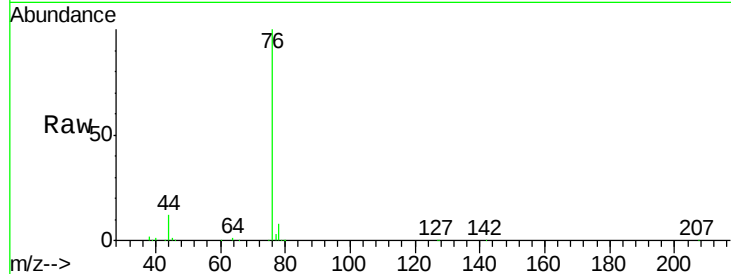
#17
Carbon Disulfide
Concen: 42.706 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.4	11.0

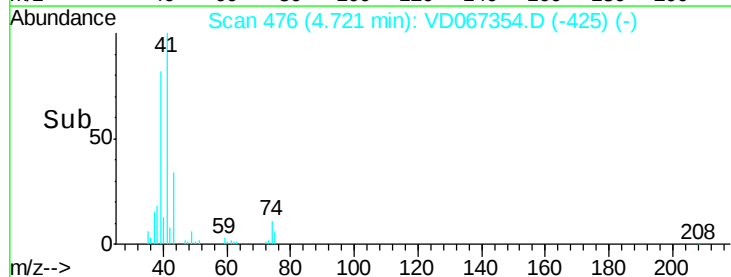
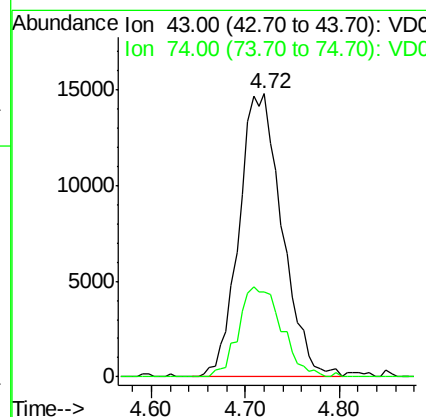
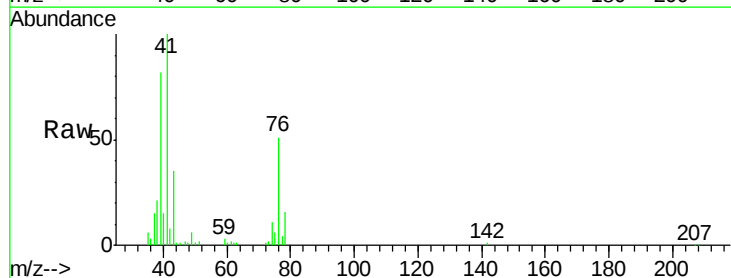
Manual Integrations
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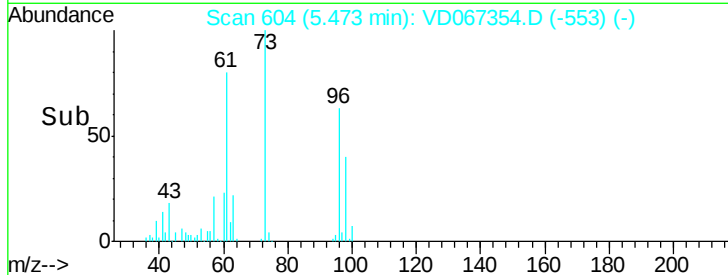
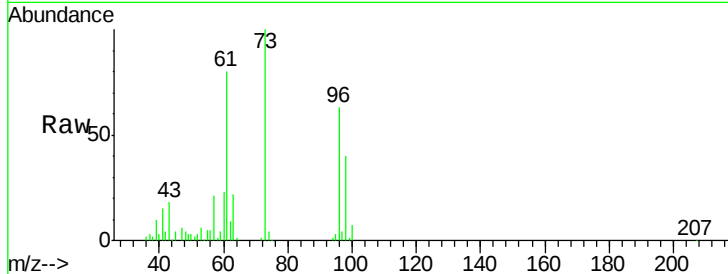
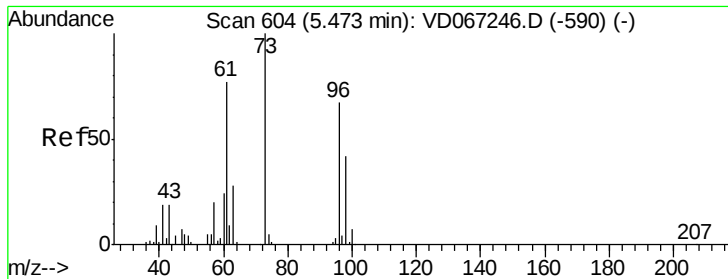
MMDadoda
10/23/2020 2:11:56 PM



#18
Methyl Acetate
Concen: 44.139 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.6	26.6	39.8





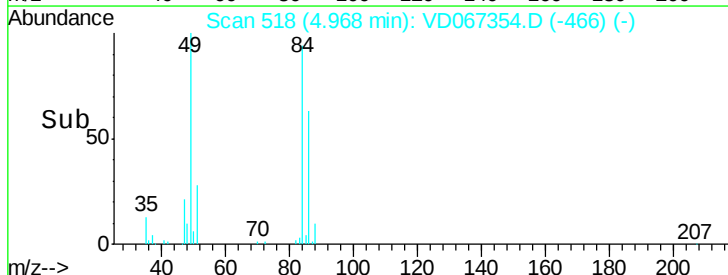
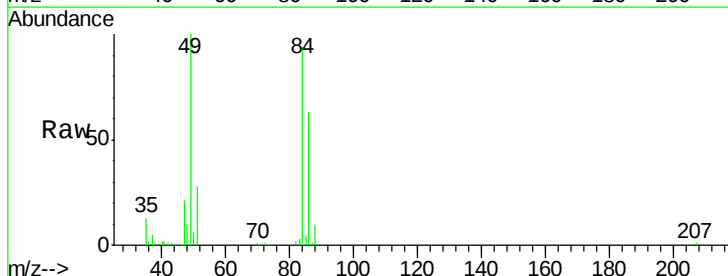
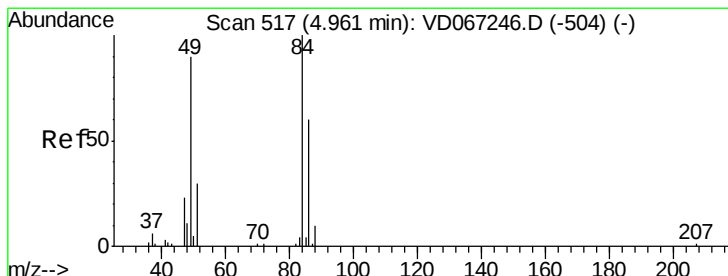
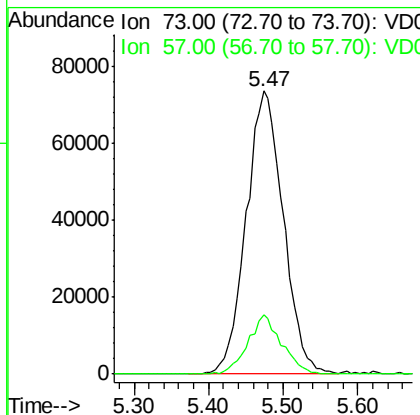
#19
Methvl tert-butvl Ether
Concen: 46.661 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tot Ion: 73 Resp: 254394
Ion Ratio Lower Upper
73 100
57 21.0 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

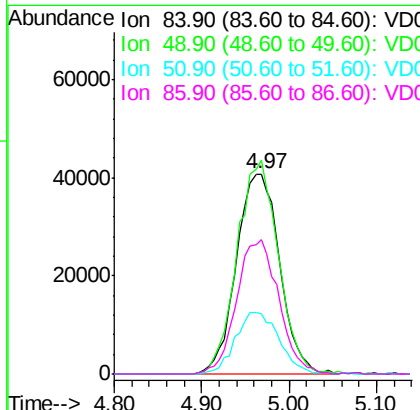
Manual Integrations
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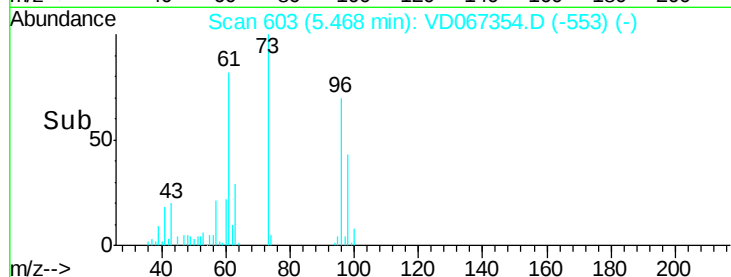
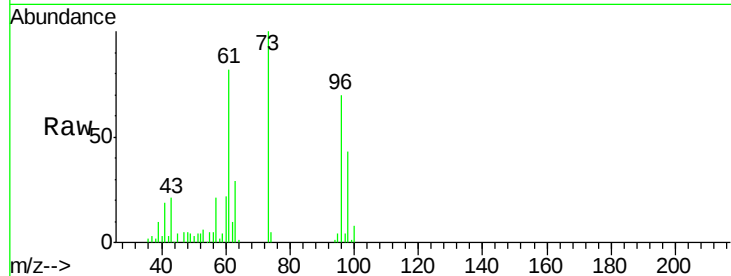
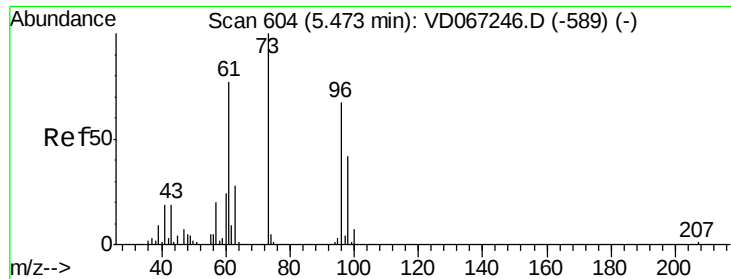
MMDadoda
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#20
Methylene Chloride
Concen: 45.659 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 84 Resp: 137492
Ion Ratio Lower Upper
84 100
49 106.8 72.2 108.2
51 29.8 23.8 35.8
86 67.1 48.2 72.4





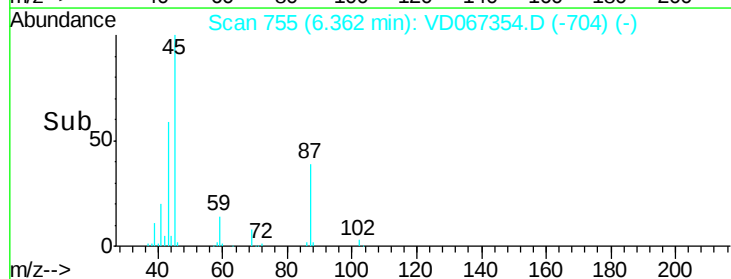
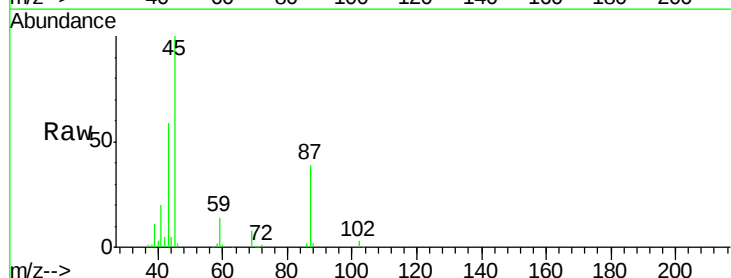
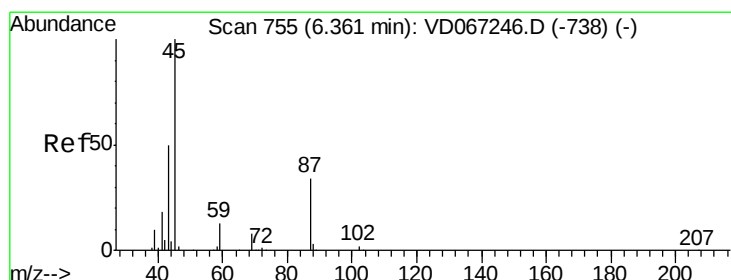
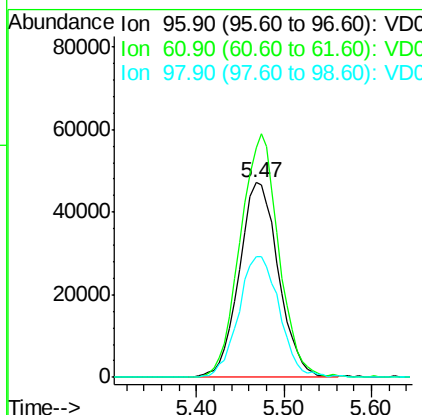
#21
trans-1,2-Dichloroethene
Concen: 45.765 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144399		
61	118.1		92.0	138.0
98	62.2		49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

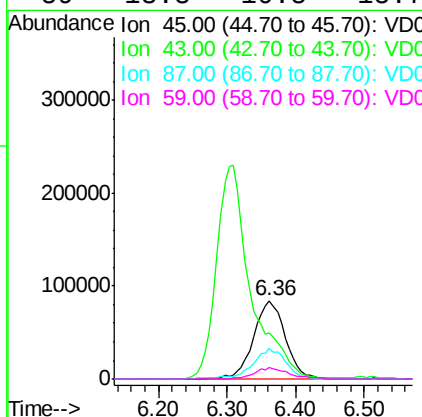
Manual Integrations
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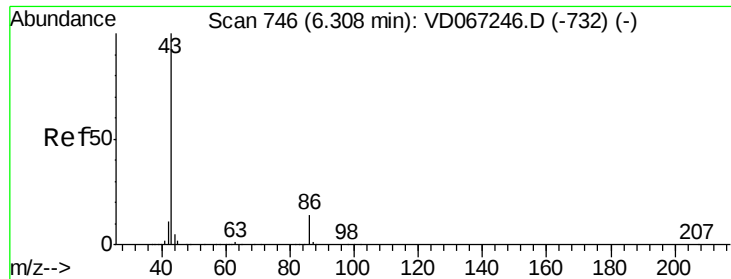
MMDadoda
10/23/2020 2:11:56 PM



#22
Diisopropyl ether
Concen: 47.475 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	272312		
43	57.9		48.0	72.0
87	39.4		28.5	42.7
59	13.8		10.5	15.7





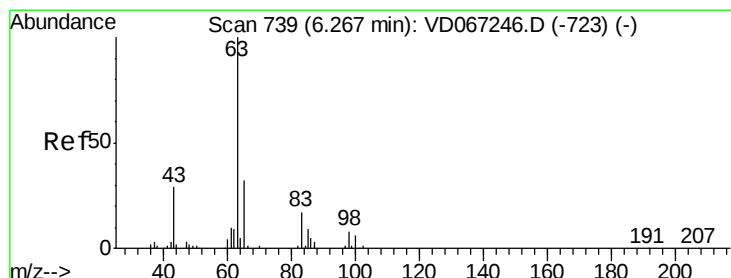
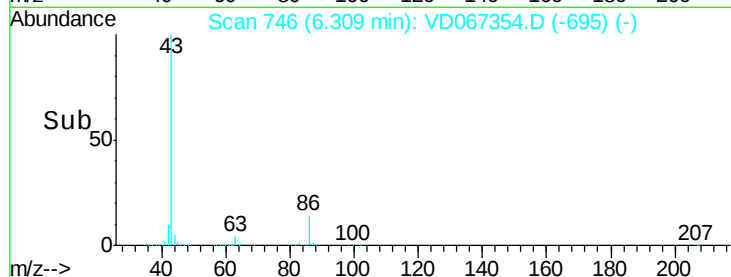
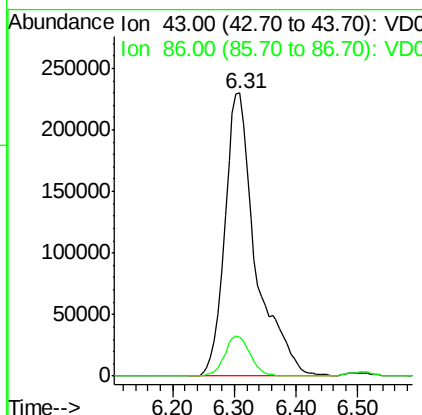
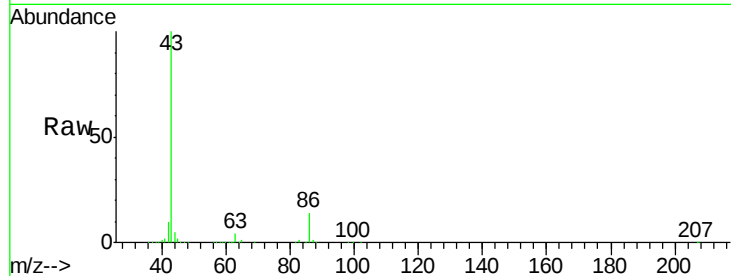
#23
 Vinyl Acetate
 Concen: 244.508 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.7	11.0	16.6

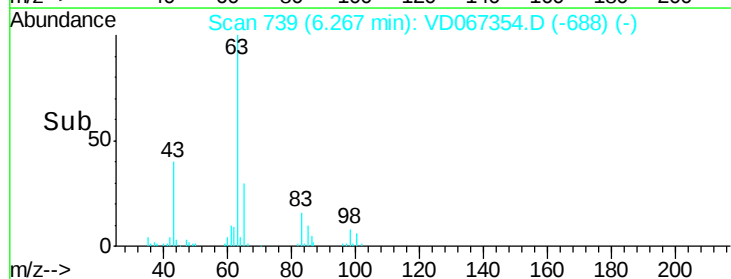
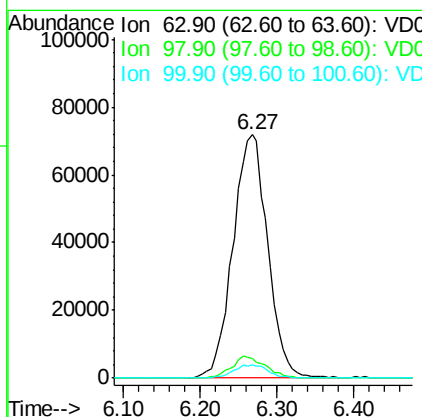
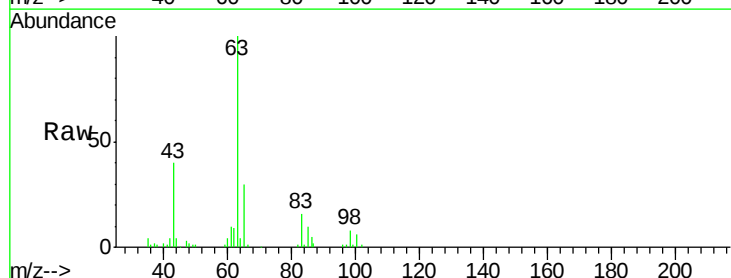
Manual Integrations
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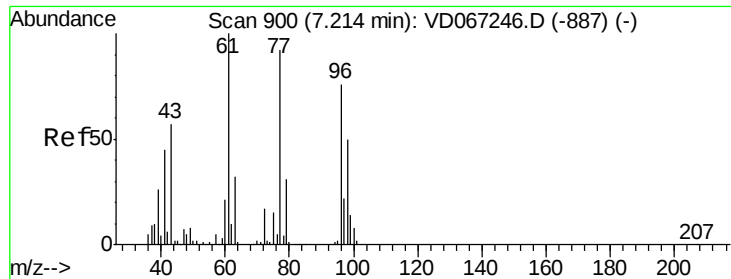
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.075 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.0	12.2
100	5.5	2.8	8.4





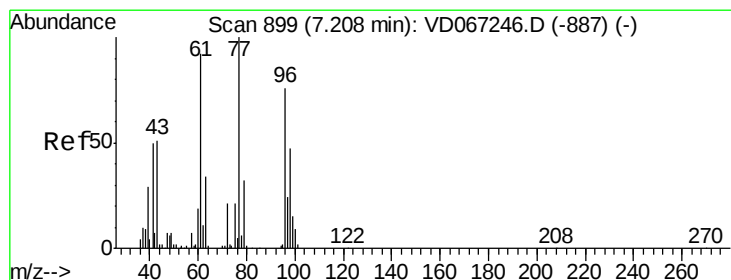
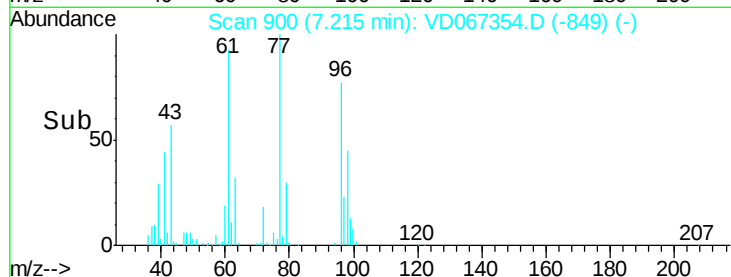
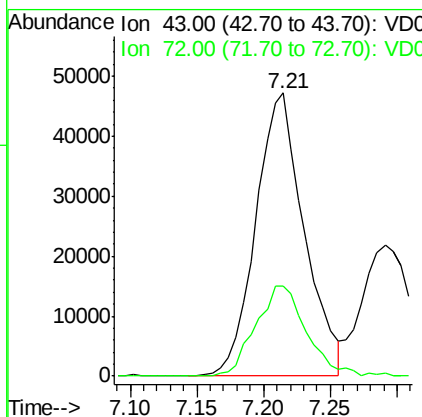
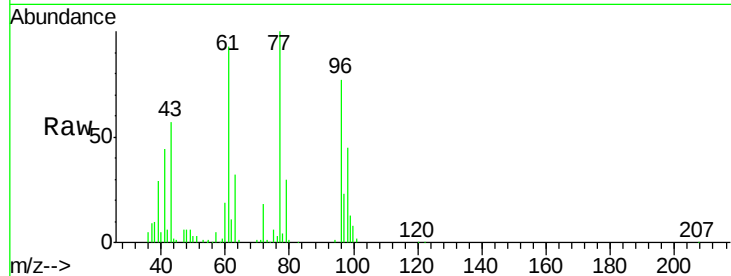
#25
2-Butanone
Concen: 223.421 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 118713
Ion Ratio Lower Upper
43 100
72 31.9 23.7 35.5

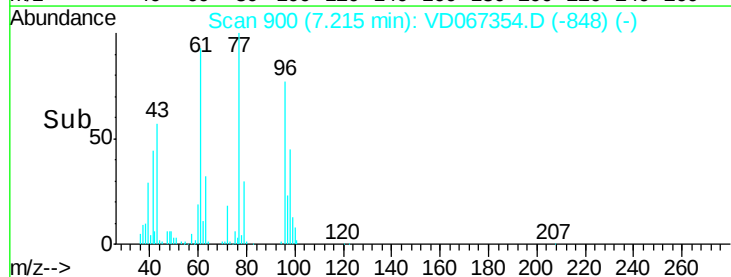
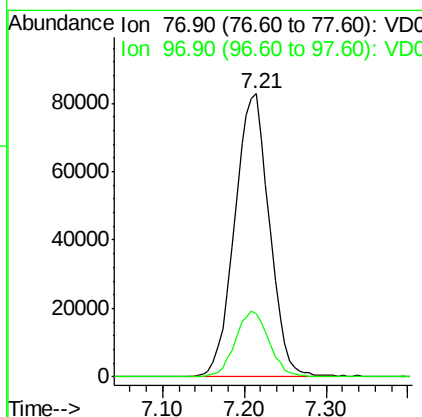
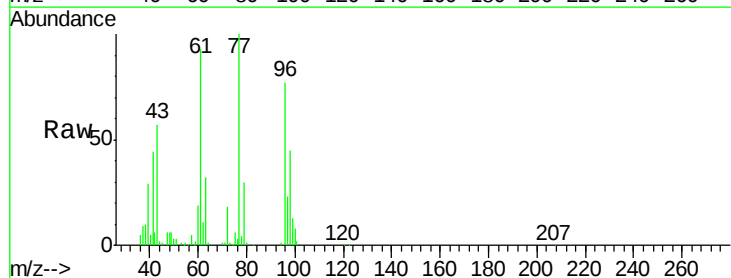
Manual Integrations
APPROVED

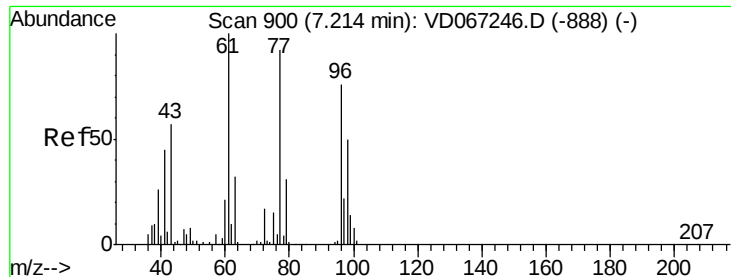
MMDadoda
10/23/2020 2:11:56 PM



#26
2,2-Dichloropropane
Concen: 48.148 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 77 Resp: 243669
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

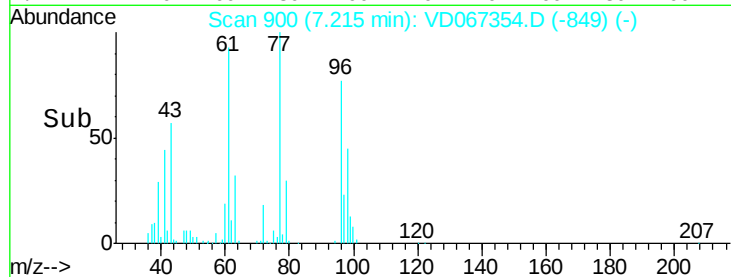
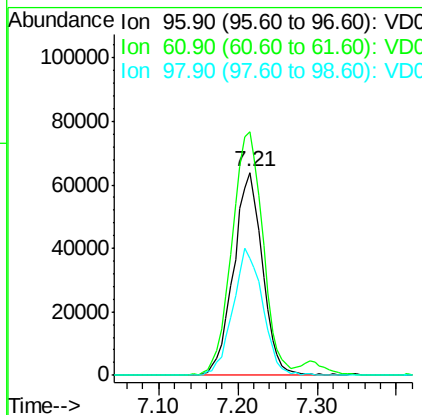
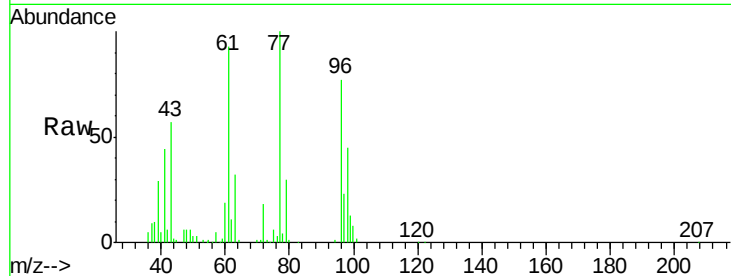
cis-1,2-Dichloroethene
 Concen: 46.848 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	255.4
98	64.0	0.0	128.0

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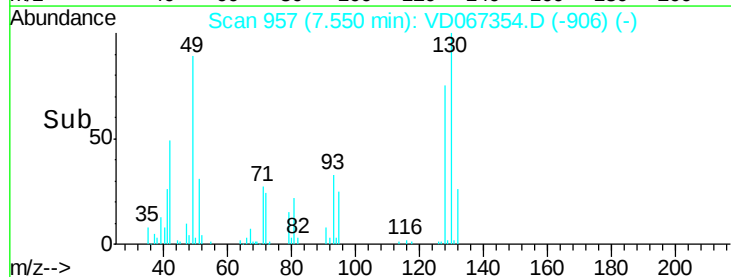
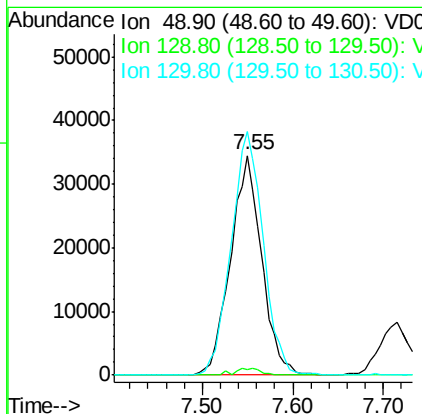
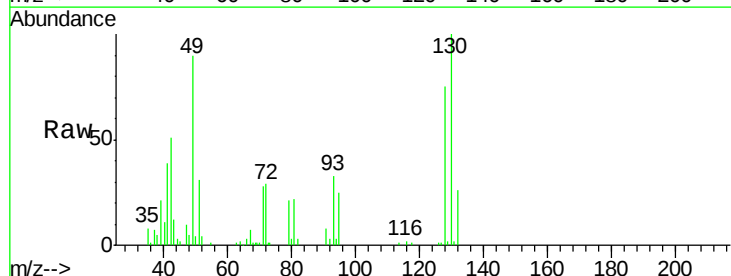
MMDadoda
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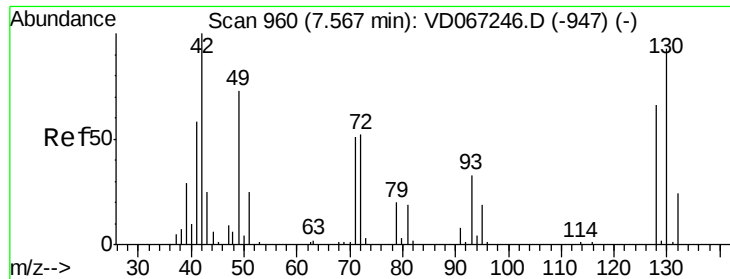


#28

Bromochloromethane
 Concen: 49.182 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	1.6#
130	114.2	91.0	136.6





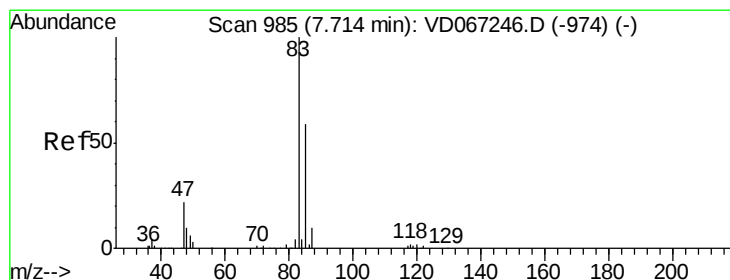
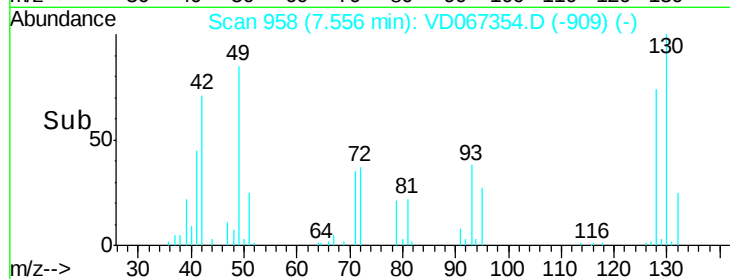
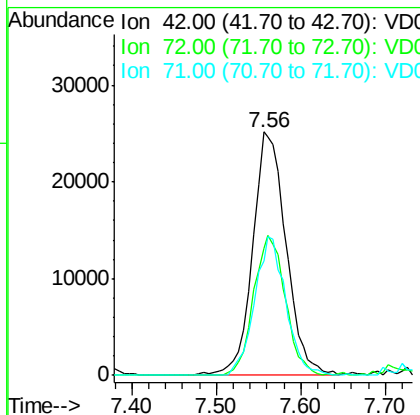
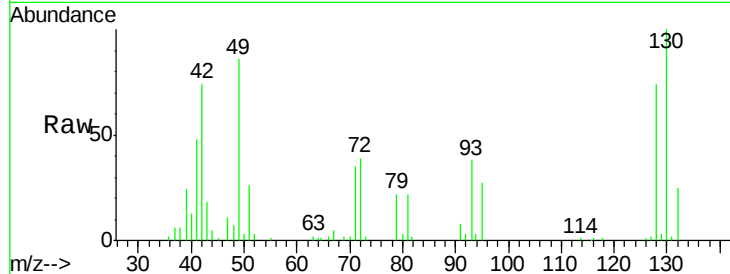
#29
Tetrahydrofuran
Concen: 234.962 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.5	43.2	64.8
71	53.2	39.4	59.0

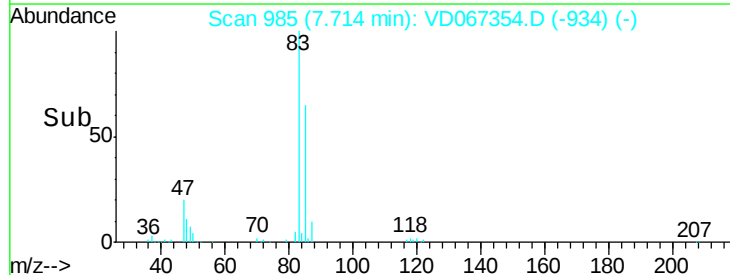
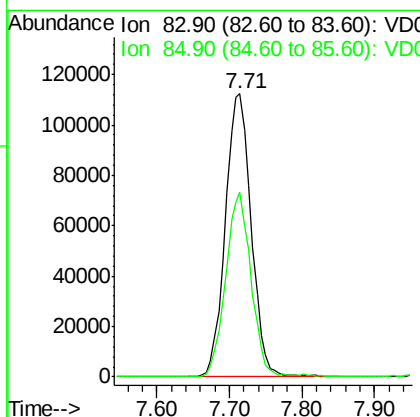
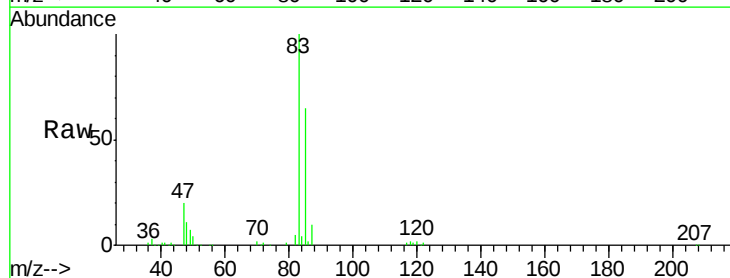
Manual Integrations
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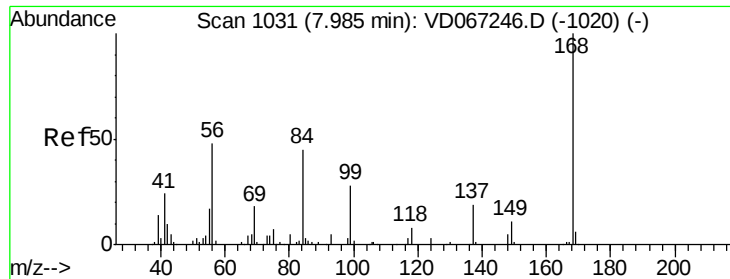
MMDadoda
10/23/2020 2:11:56 PM



#30
Chloroform
Concen: 47.369 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	47.3	70.9





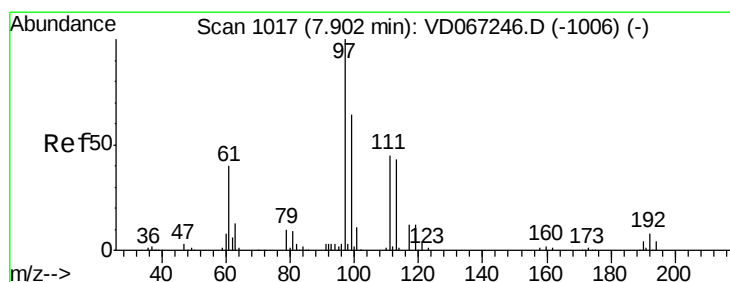
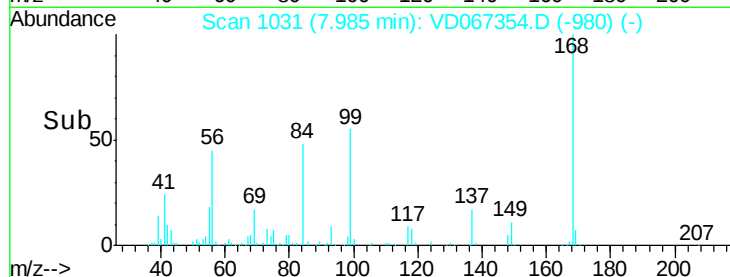
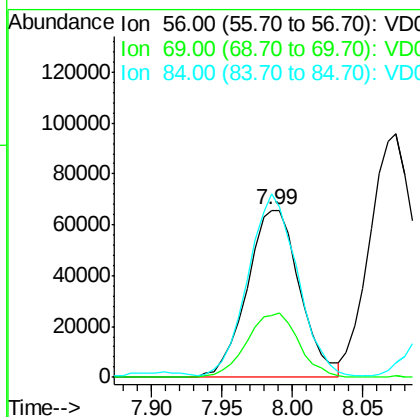
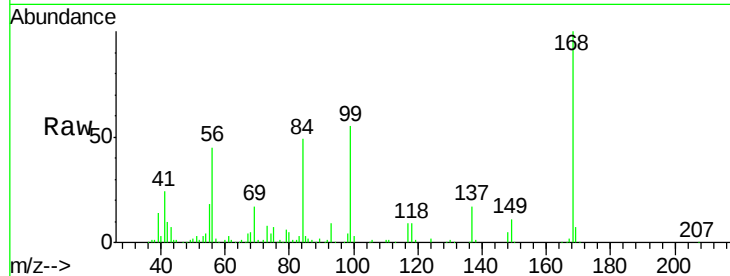
#31
Cyclohexane
Concen: 44.757 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	171578
Ion Ratio	100	Lower	Upper
56	100		
69	37.4	29.8	44.6
84	107.7	76.6	114.8

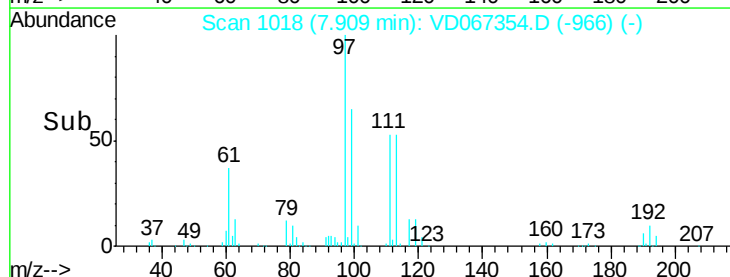
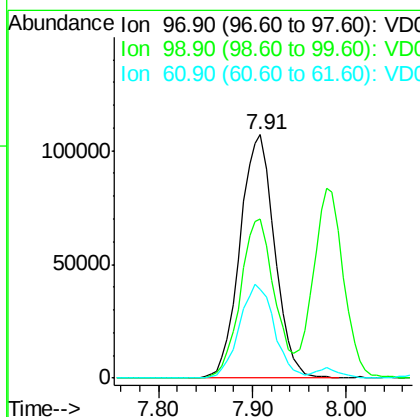
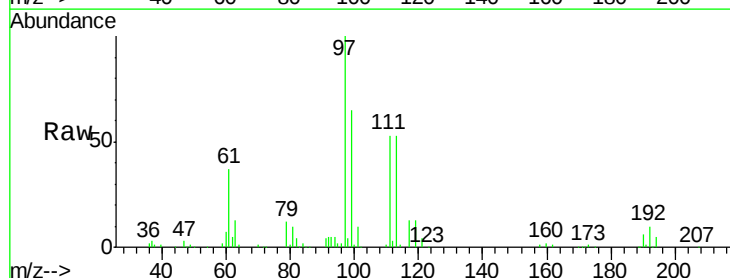
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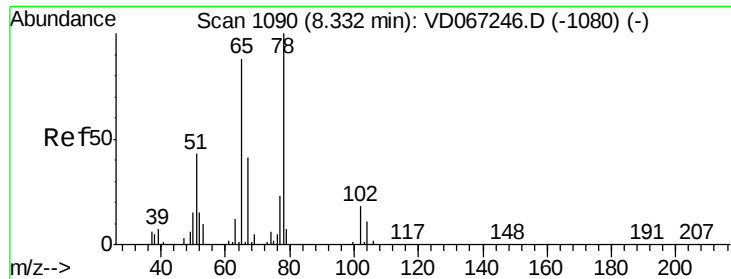
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.416 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	97	Resp	272881
Ion Ratio	100	Lower	Upper
97	100		
99	64.8	50.2	75.4
61	38.8	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 45.616 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 151826

Ion Ratio Lower Upper

65 100

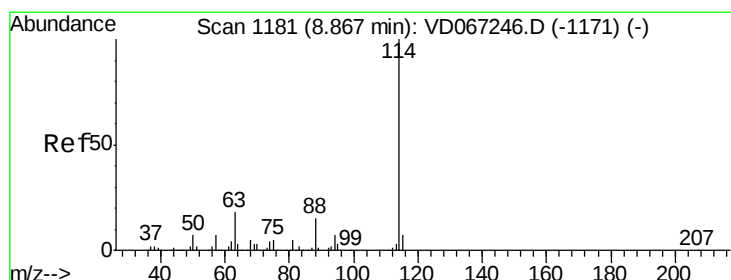
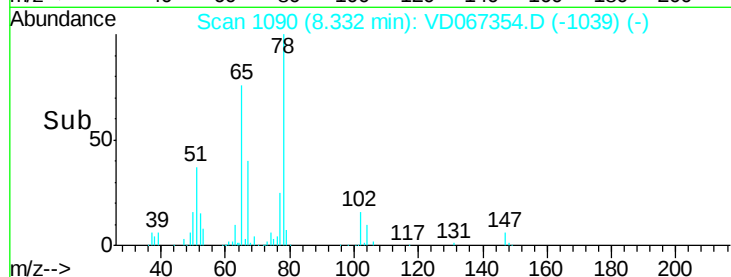
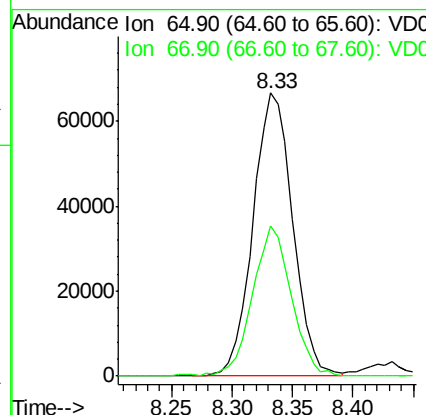
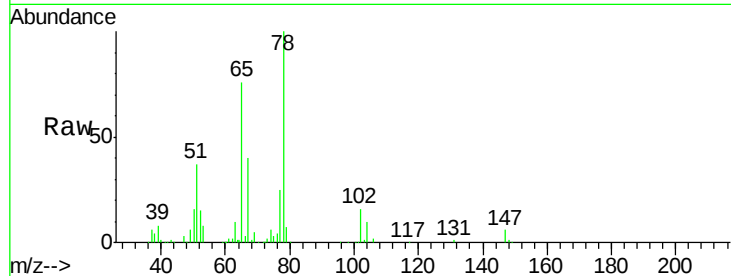
67 51.8 0.0 103.8

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: VD067354.D

Acq: 22 Oct 2020 10:07

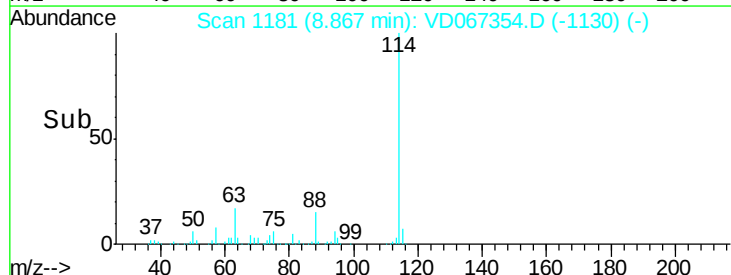
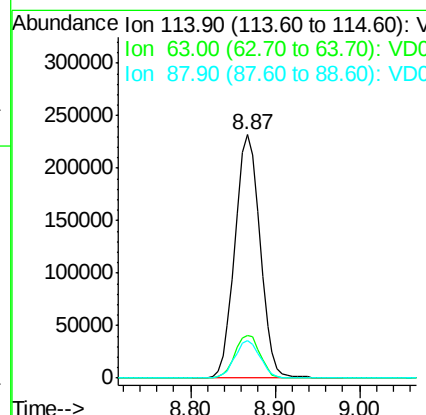
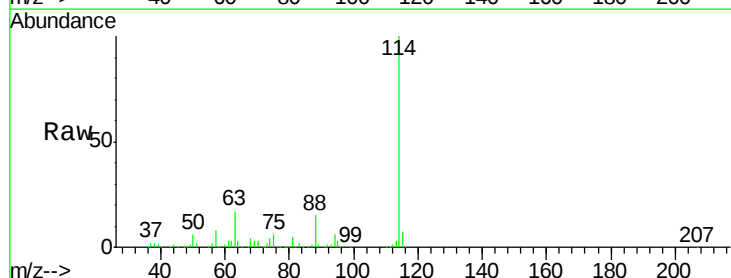
Tgt Ion: 114 Resp: 474433

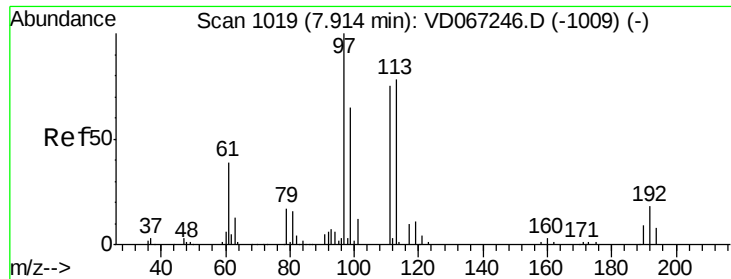
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 15.4 0.0 30.6





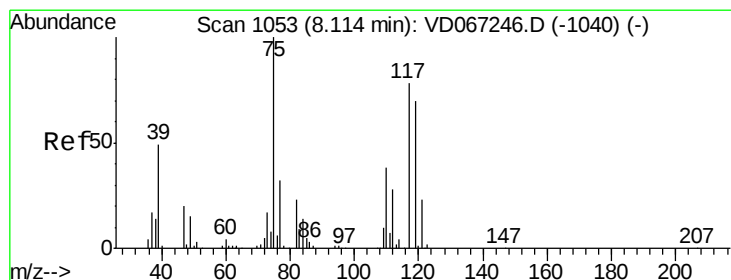
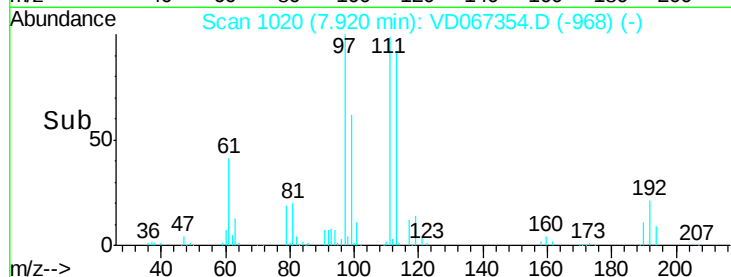
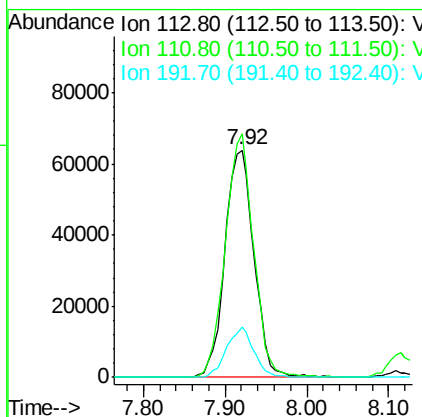
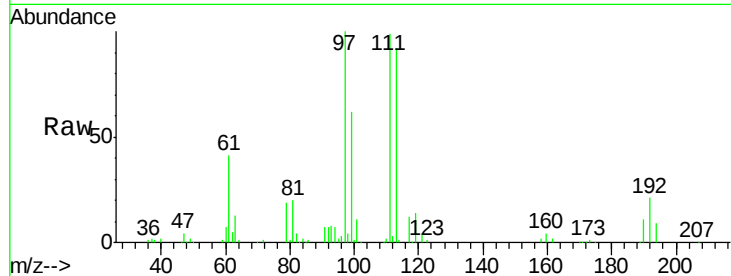
#35
Dibromofluoromethane
Concen: 50.201 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158504		
111	104.0		81.6	122.4
192	20.7		17.0	25.4

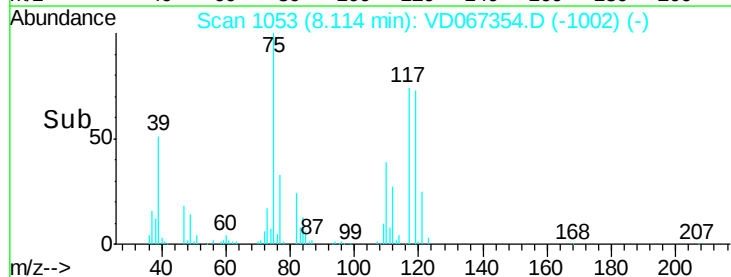
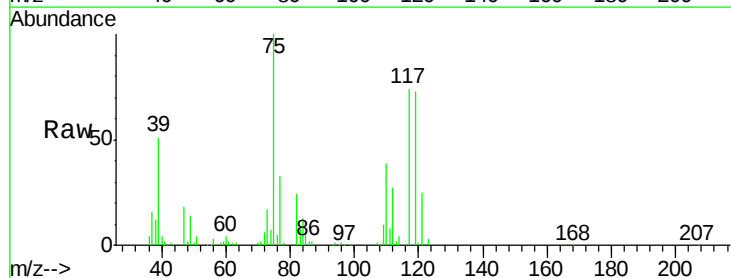
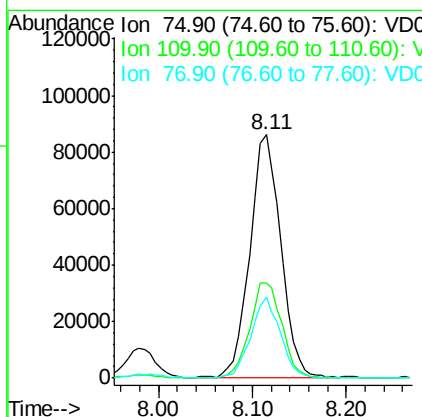
Manual Integrations
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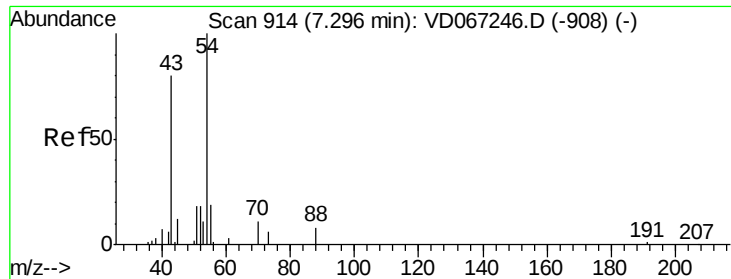
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#36
1,1-Dichloropropene
Concen: 49.120 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197517		
110	40.5		19.6	58.7
77	31.7		24.6	37.0





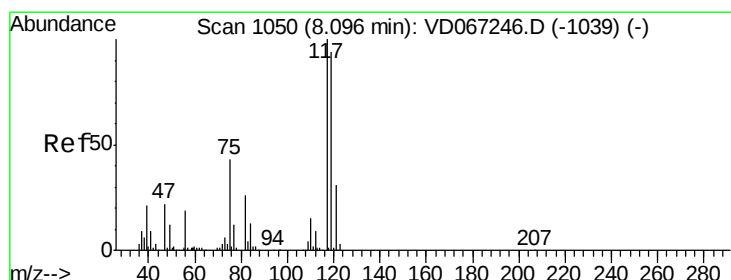
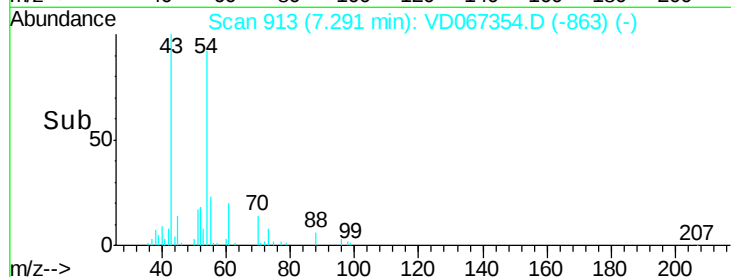
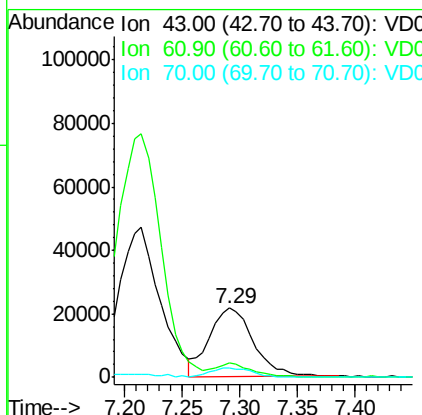
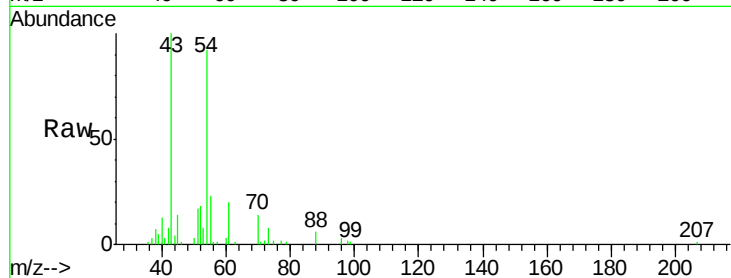
#37
Ethyl Acetate
Concen: 48.453 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	15.6	23.4
70	13.3	10.4	15.6

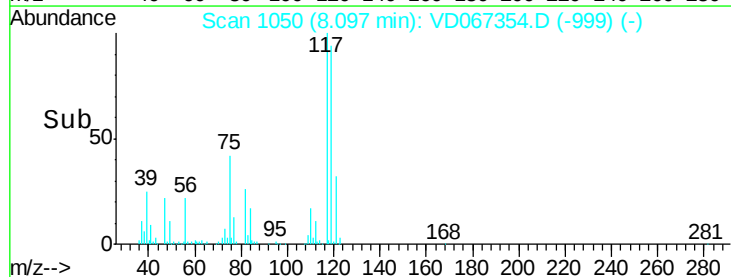
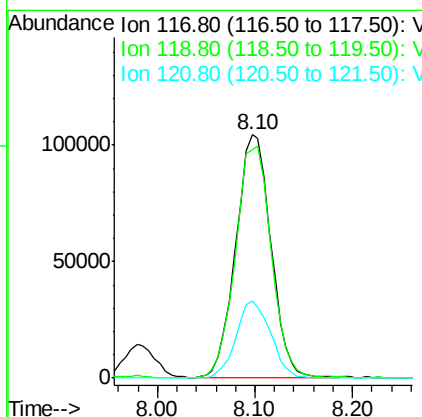
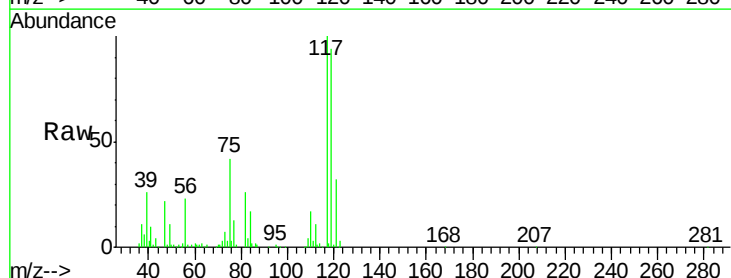
Manual Integrations
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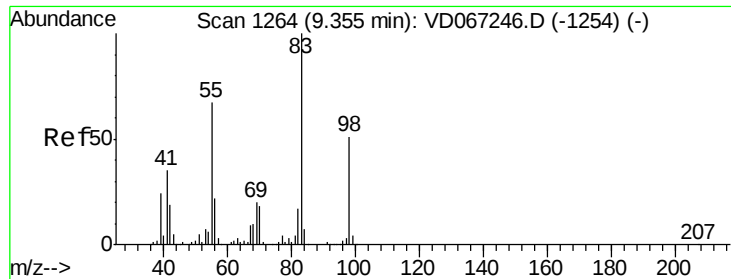
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#38
Carbon Tetrachloride
Concen: 50.816 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.4
121	31.9	24.9	37.3





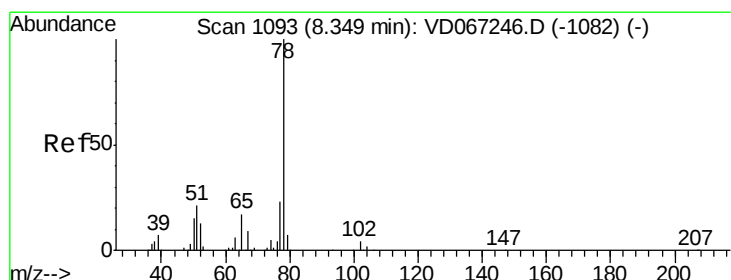
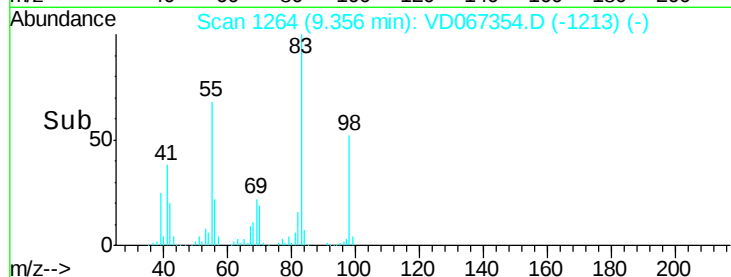
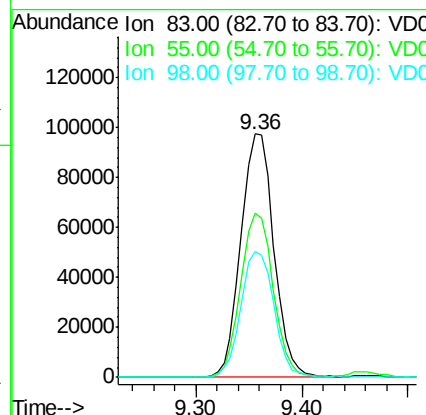
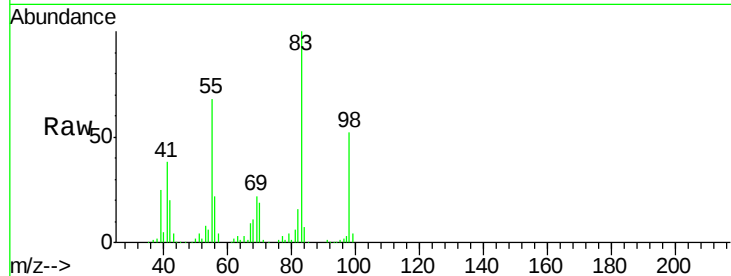
#39
Methvlcvclohexane
Concen: 50.510 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	212335		
55	67.6	53.3	79.9	
98	52.0	41.0	61.4	

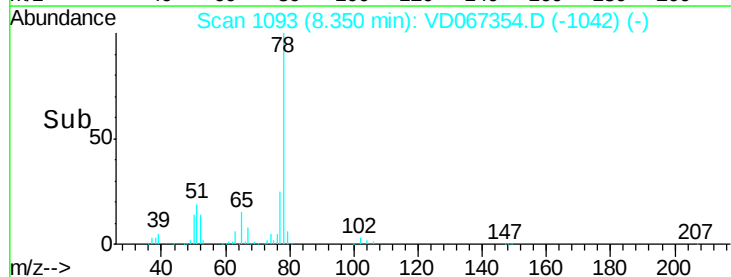
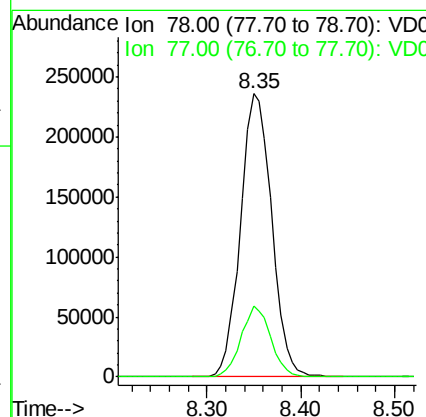
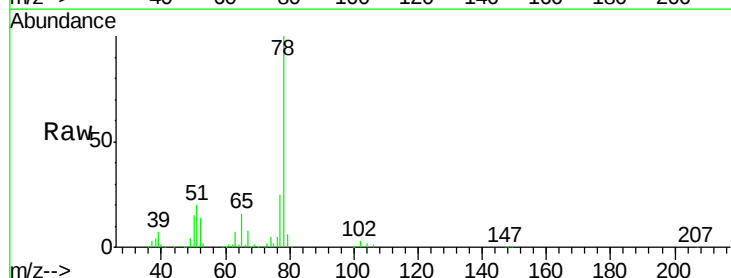
Manual Integrations
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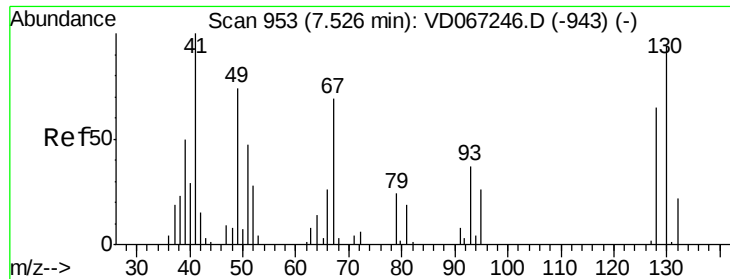
MMDadoda
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#40
Benzene
Concen: 49.272 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	543550		
77	25.0	18.3	27.5	





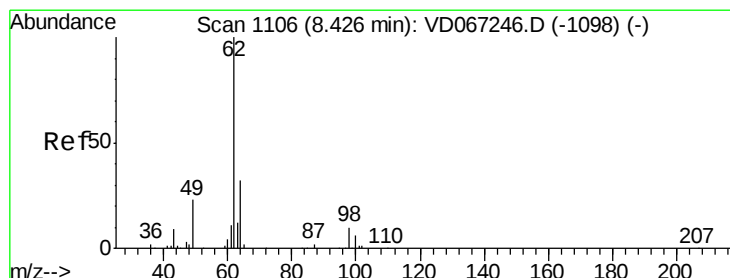
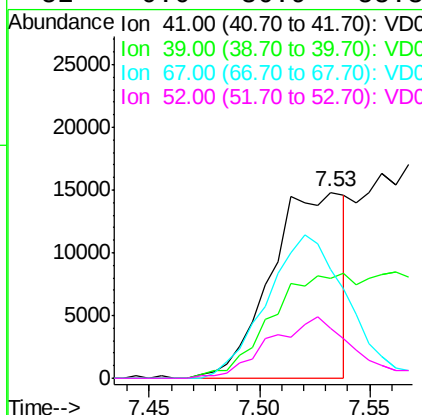
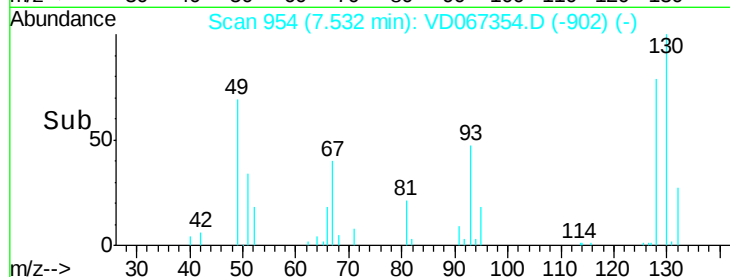
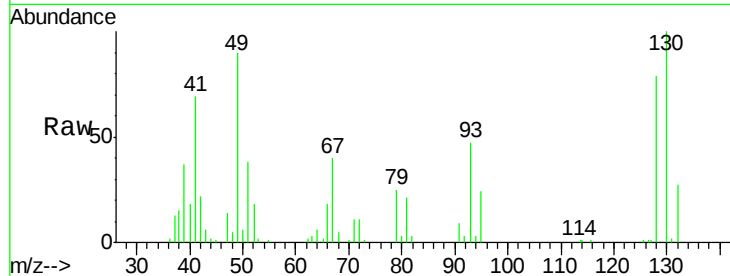
#41
Methacrylonitrile
Concen: 53.710 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot 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#

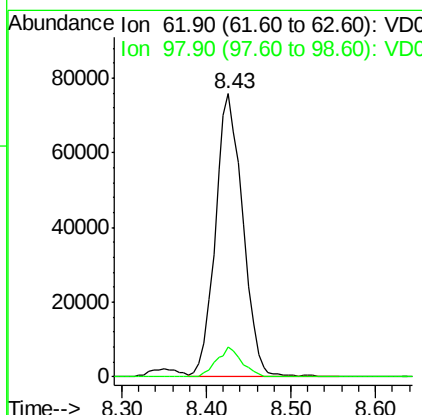
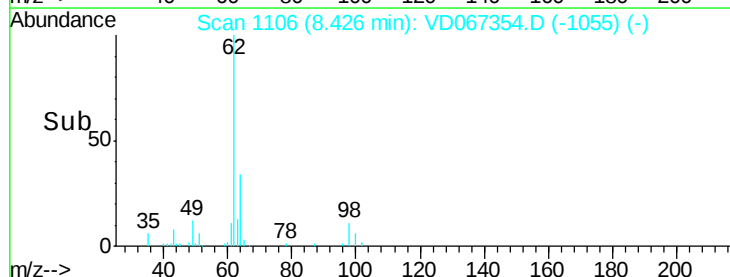
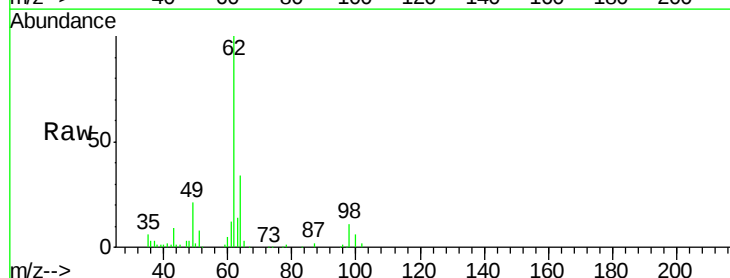
Manual Integrations
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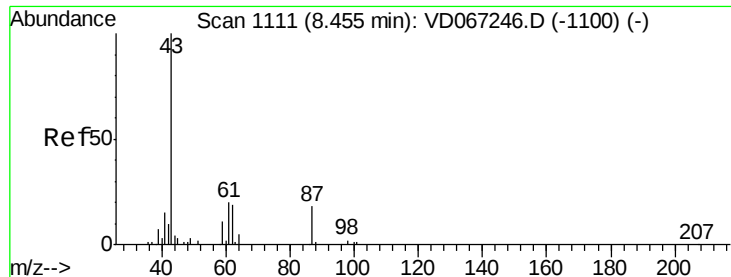
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.685 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.965 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

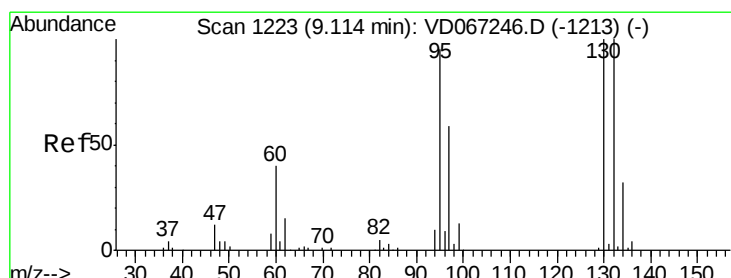
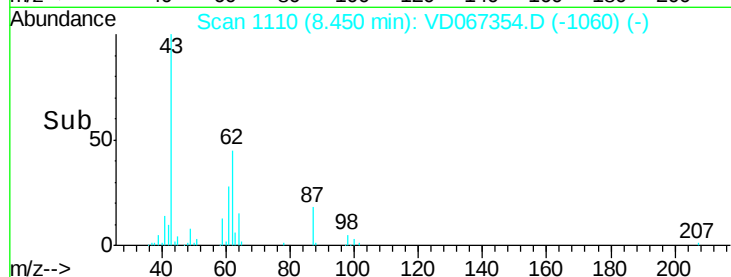
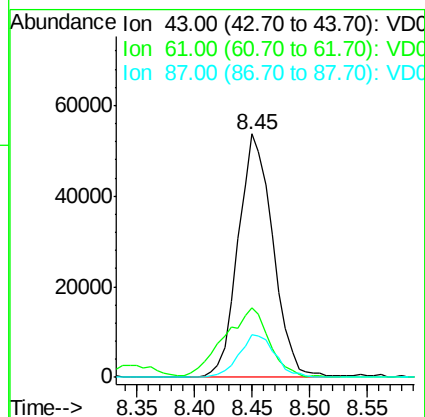
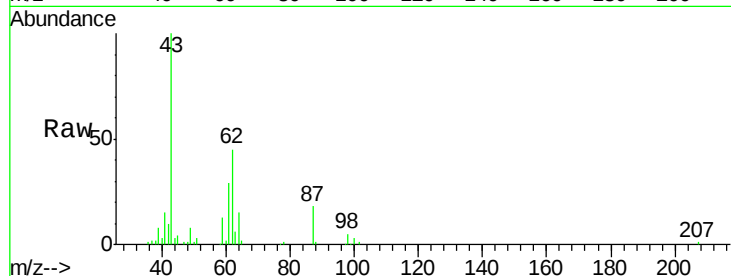
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	112601
Ion	Ratio	Lower	Upper
43	100		
61	37.3	29.5	44.3
87	18.4	14.2	21.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.063 ug/l

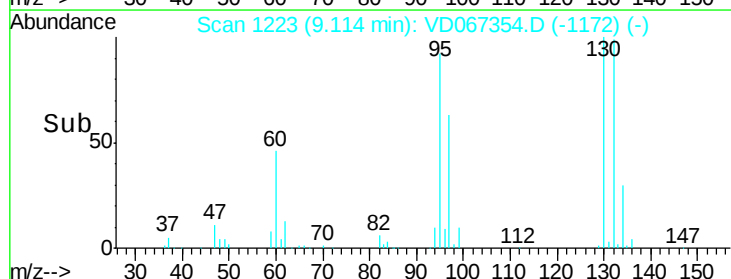
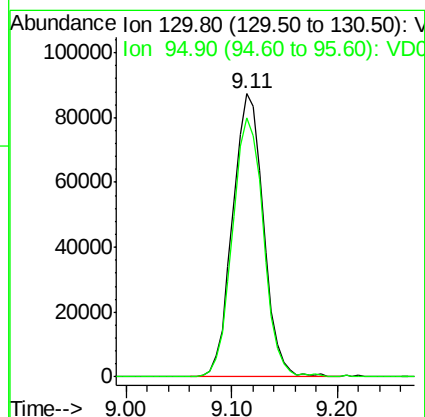
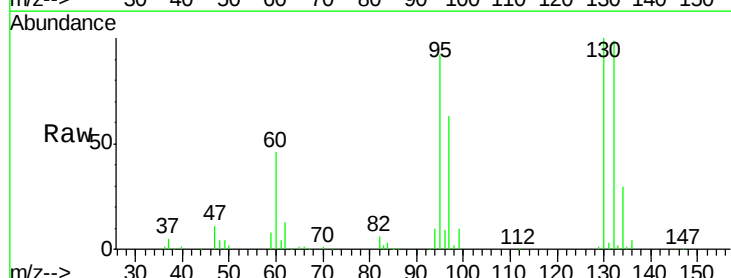
RT: 9.11 min Scan# 1223

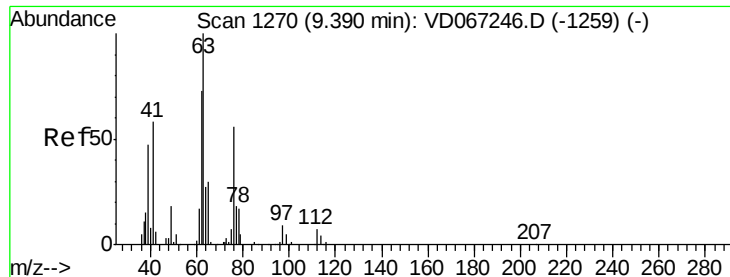
Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Tgt Ion:	130	Resp:	176825
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	190.6





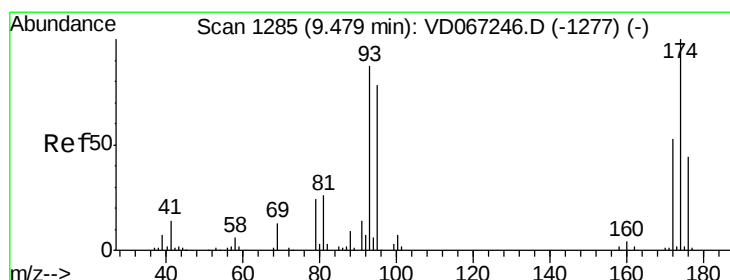
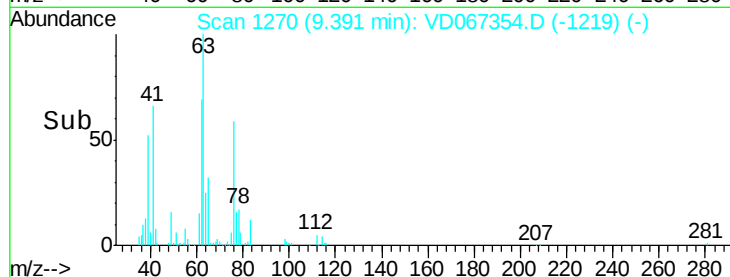
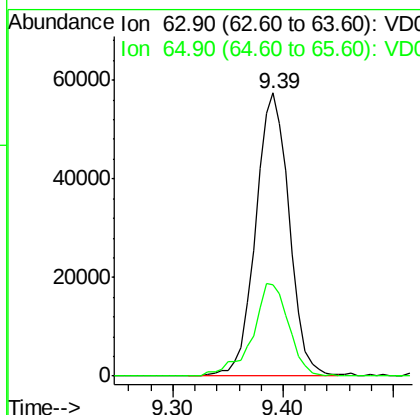
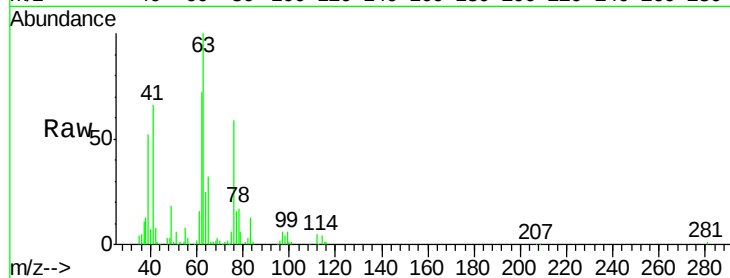
#45
 1,2-Dichloropropane
 Concen: 47.782 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.6	36.8

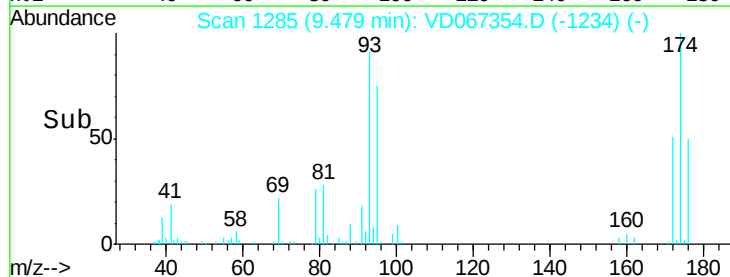
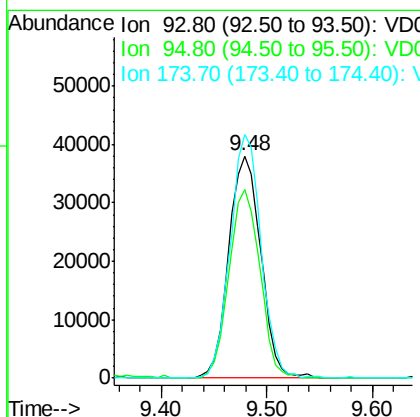
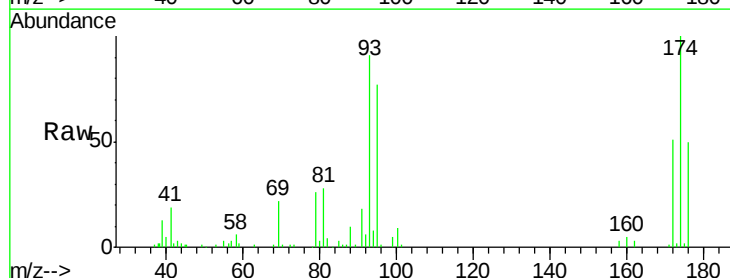
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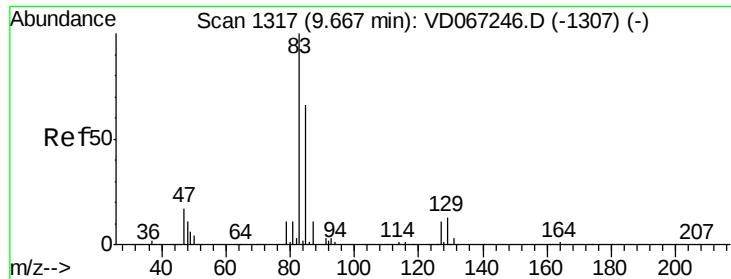
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 10/23/2020 2:11:56 PM



#46
 Dibromomethane
 Concen: 50.244 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	68.0	102.0
174	105.0	91.8	137.6





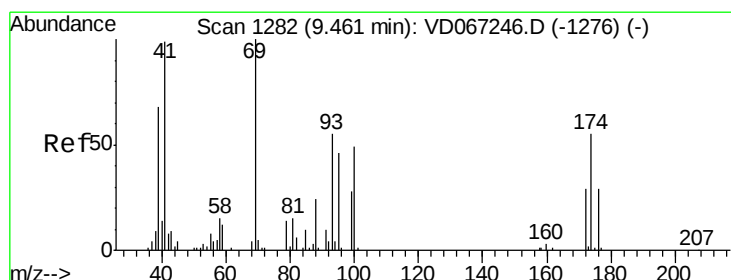
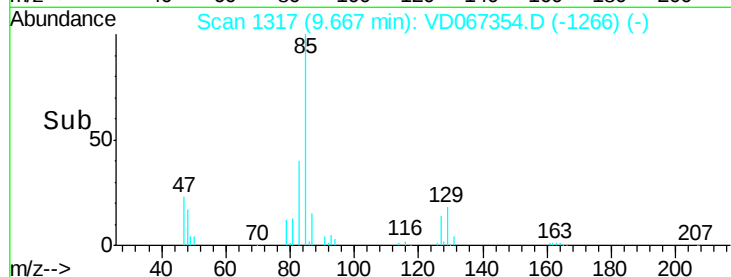
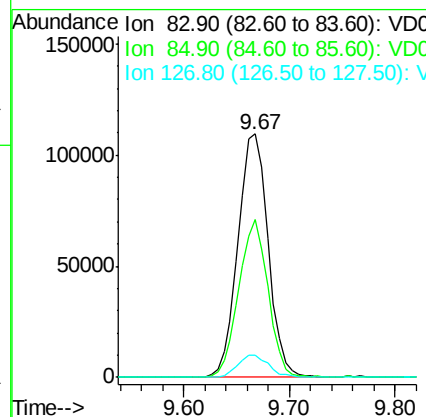
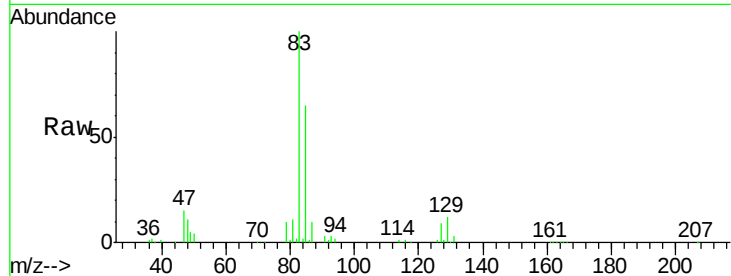
#47
Bromodichloromethane
Concen: 50.774 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	21692
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	53.1	79.7
127	9.0	8.6	13.0

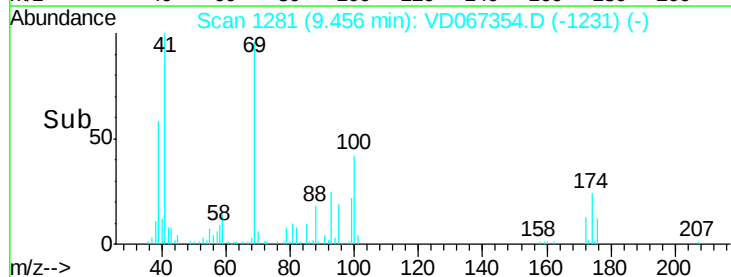
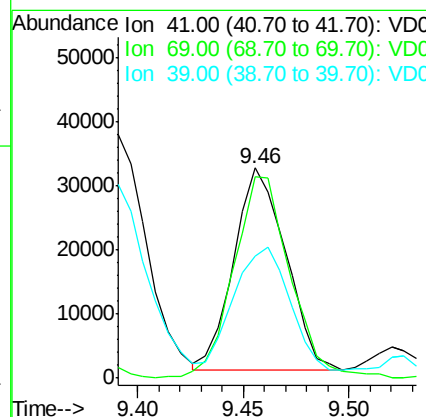
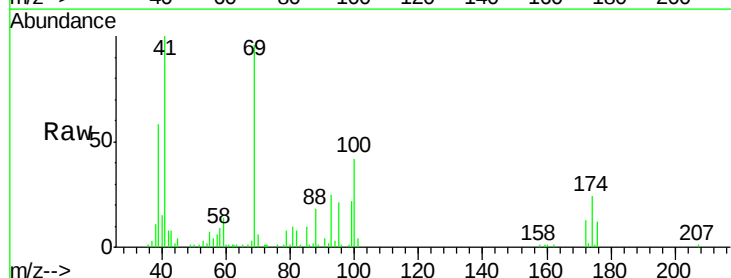
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#48
Methyl methacrylate
Concen: 47.146 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	41	Resp	53786
Ion Ratio	100	Lower	Upper
41	100		
69	109.1	89.0	133.6
39	74.9	60.2	90.2





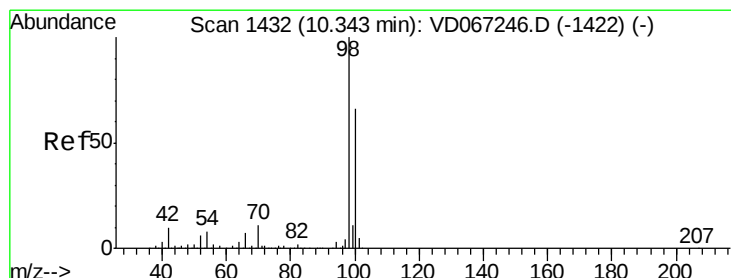
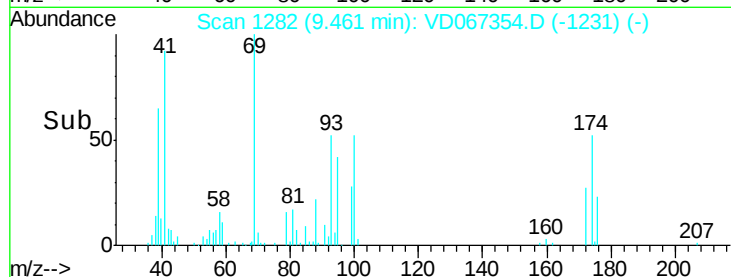
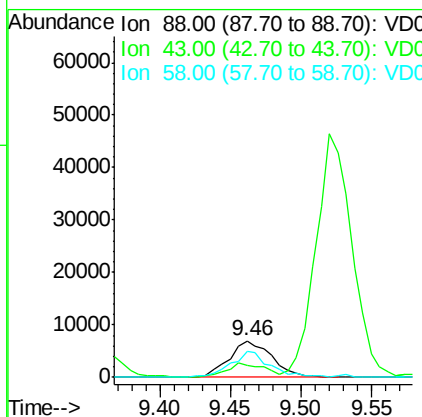
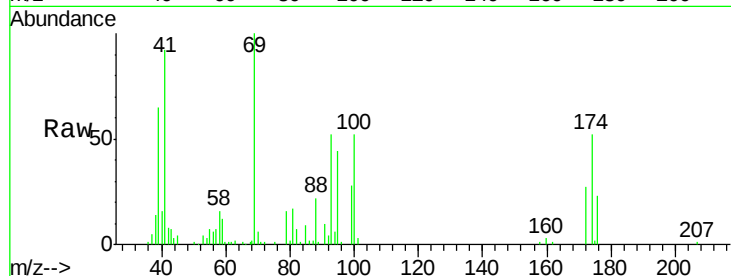
#49
1,4-Dioxane
Concen: 962.522 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	23.9	35.9
58	65.9	51.0	76.6

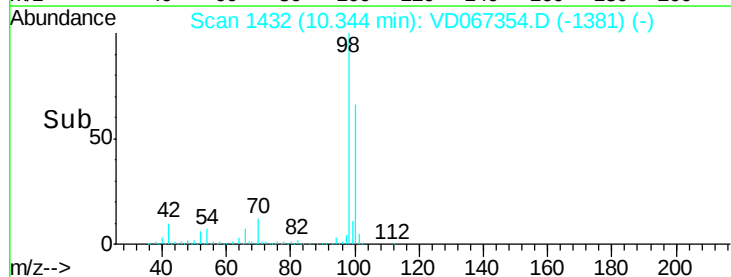
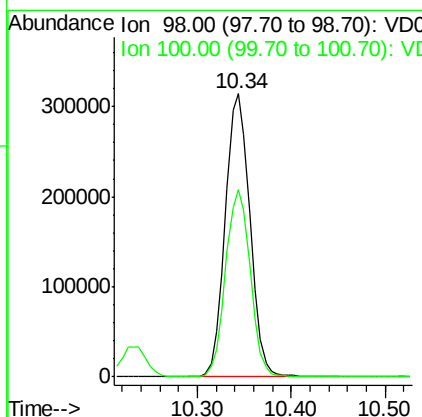
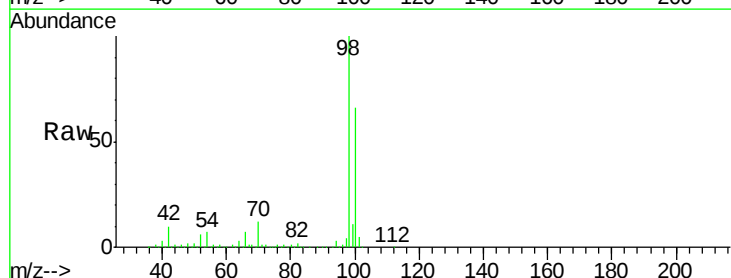
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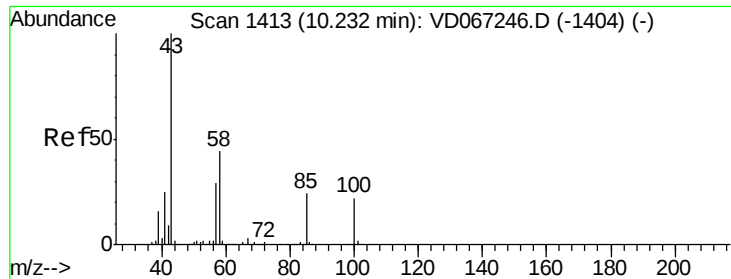
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#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 244.295 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 286043

Ion Ratio Lower Upper

43 100

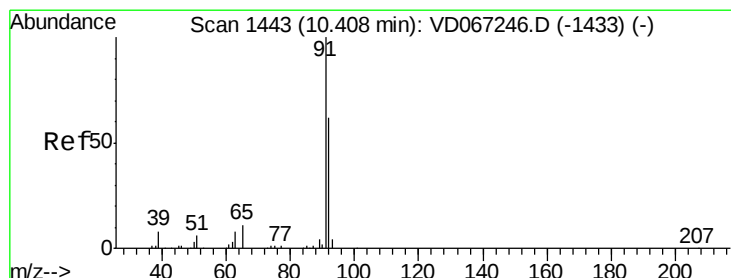
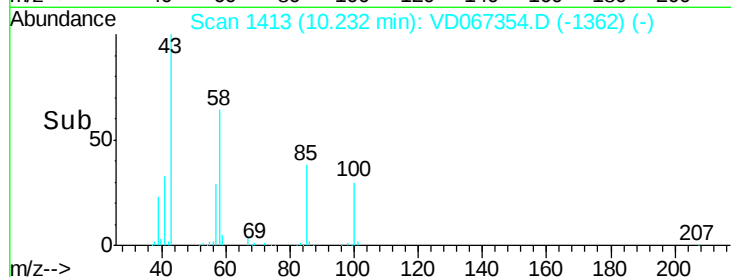
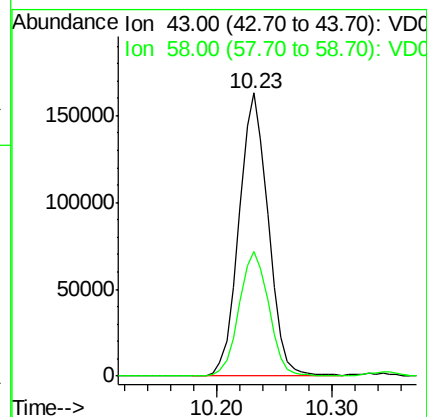
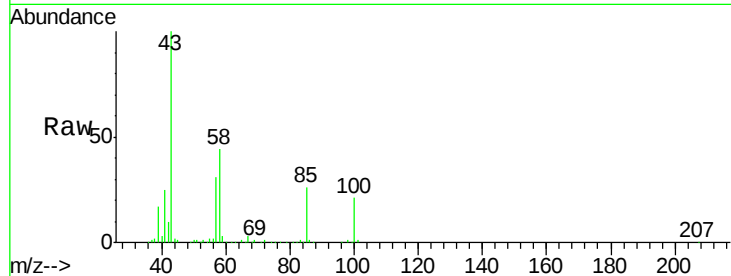
58 44.7 35.7 53.5

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#52

Toluene

Concen: 52.355 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067354.D

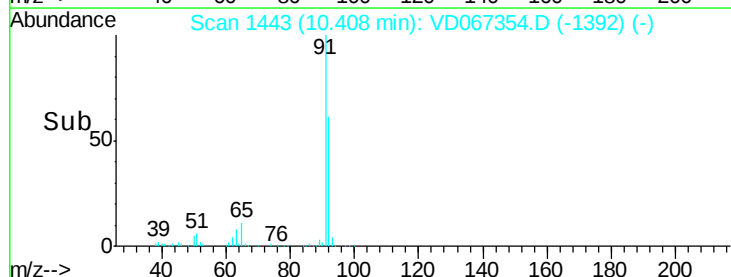
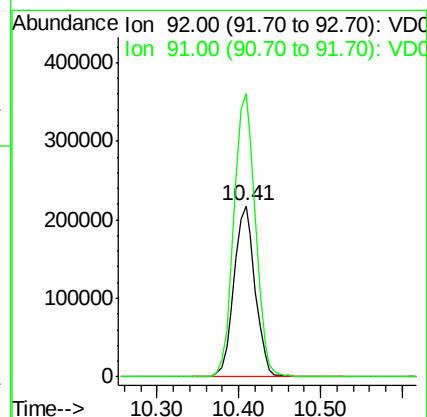
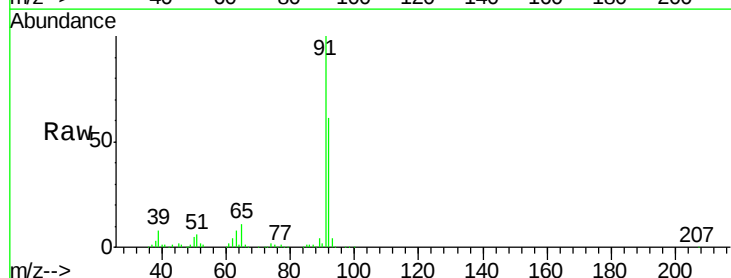
Acq: 22 Oct 2020 10:07

Tgt Ion: 92 Resp: 393377

Ion Ratio Lower Upper

92 100

91 168.4 133.8 200.8





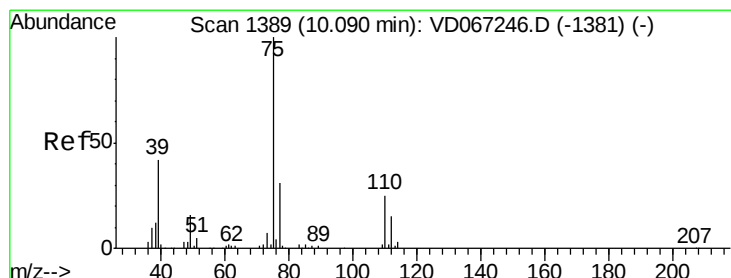
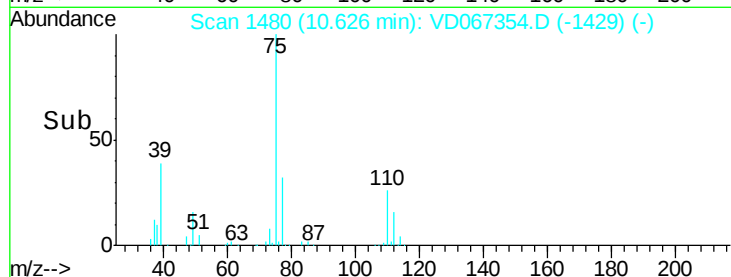
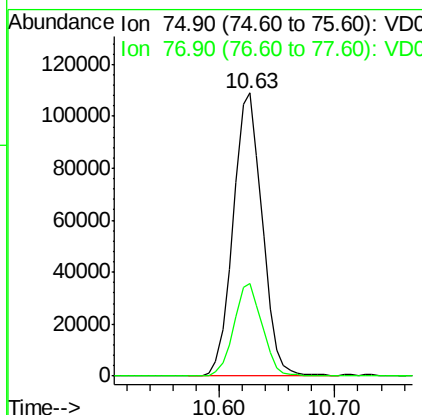
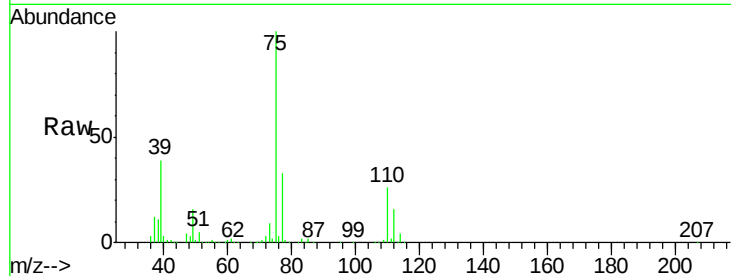
#53
t-1,3-Dichloropropene
Concen: 50.741 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190229
Ion Ratio Lower Upper
75 100
77 32.6 26.5 39.7

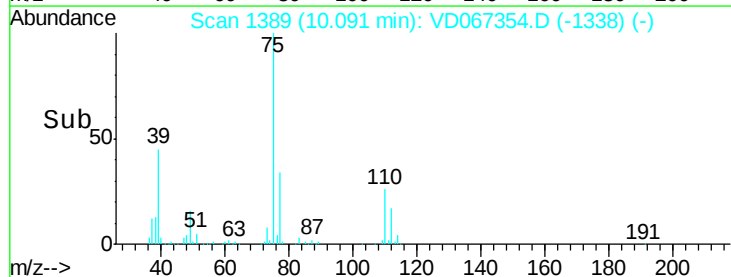
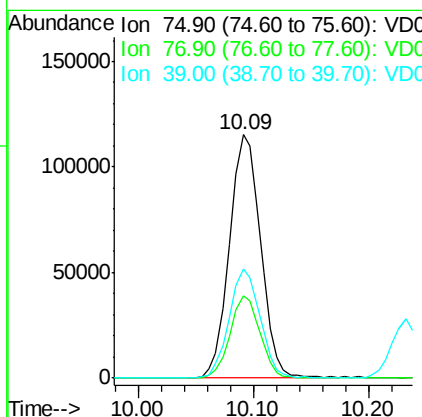
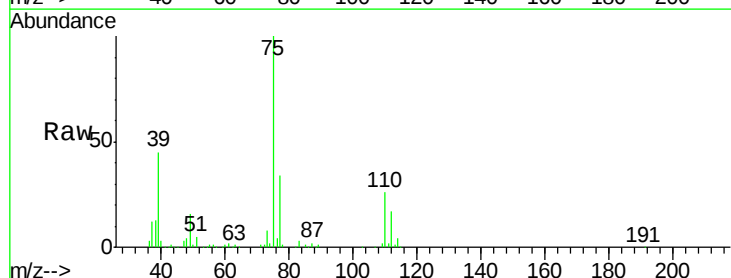
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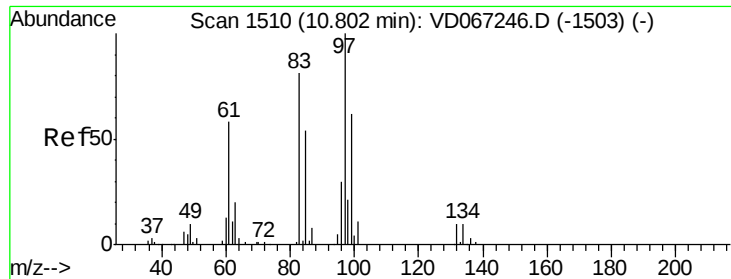
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#54
cis-1,3-Dichloropropene
Concen: 49.295 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 75 Resp: 216284
Ion Ratio Lower Upper
75 100
77 34.0 24.5 36.7
39 44.5 33.7 50.5





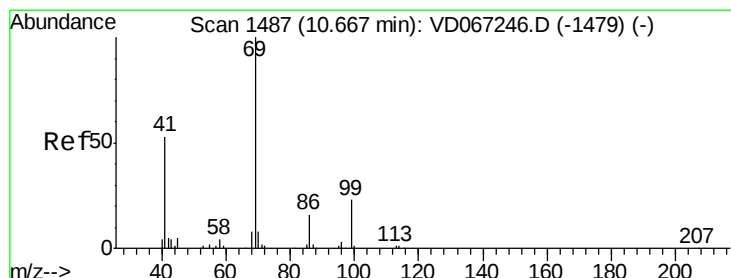
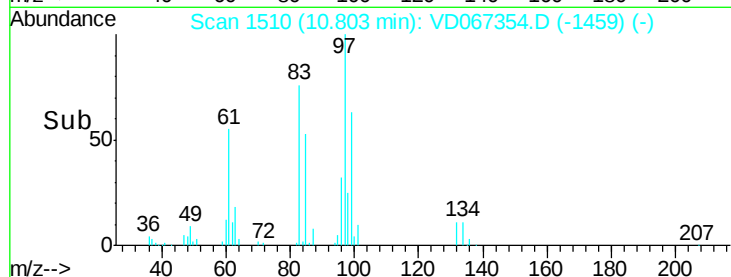
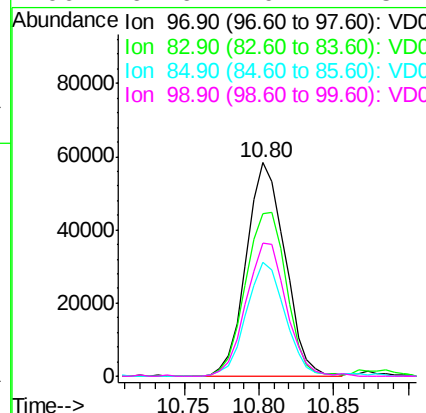
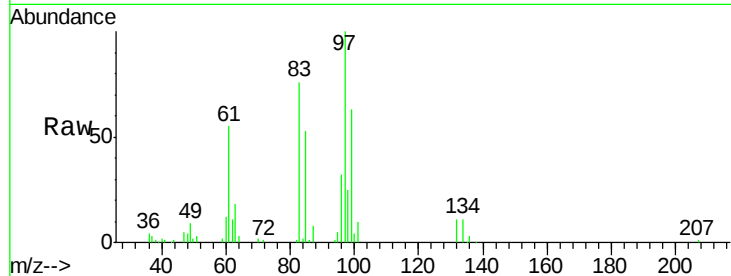
#55
 1,1,2-Trichloroethane
 Concen: 48.228 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	104759
Ion	Ratio	Lower	Upper
97	100		
83	76.3	64.9	97.3
85	53.1	43.3	64.9
99	62.6	49.1	73.7

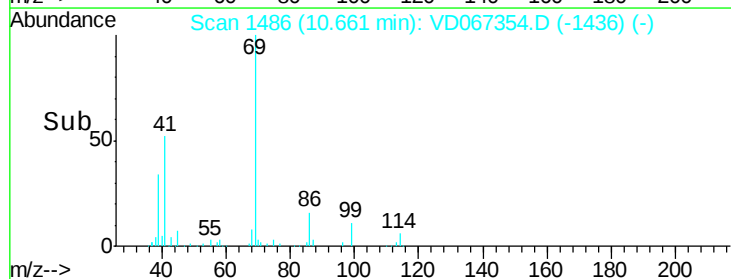
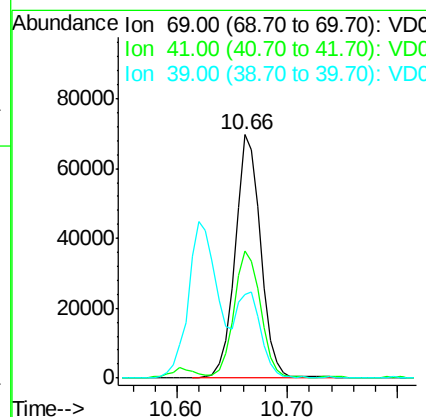
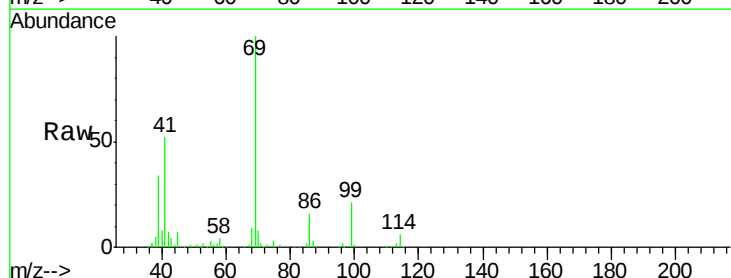
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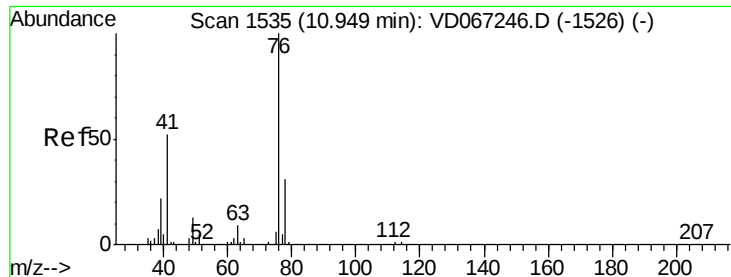
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#56
 Ethyl methacrylate
 Concen: 50.283 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	69	Resp	113277
Ion	Ratio	Lower	Upper
69	100		
41	54.2	44.7	67.1
39	32.8	26.2	39.2





#57

1,3-Dichloropropane

Concen: 49.596 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 171444

Ion Ratio Lower Upper

76 100

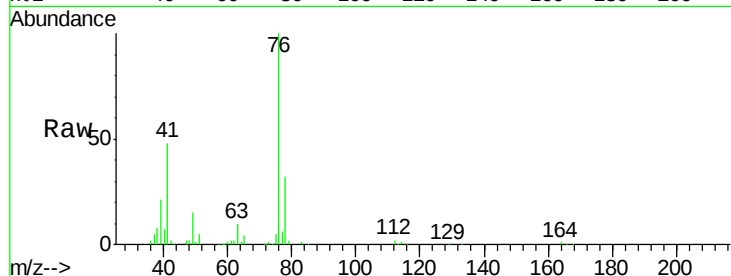
78 31.4 26.8 40.2

Manual Integrations

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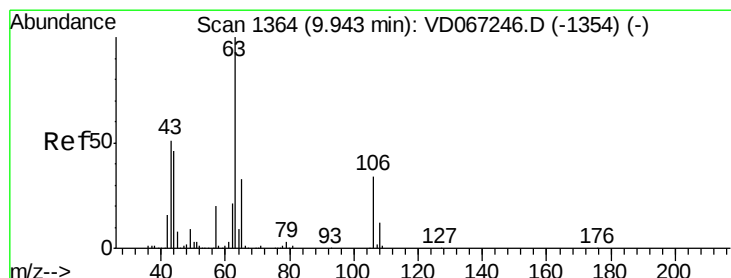
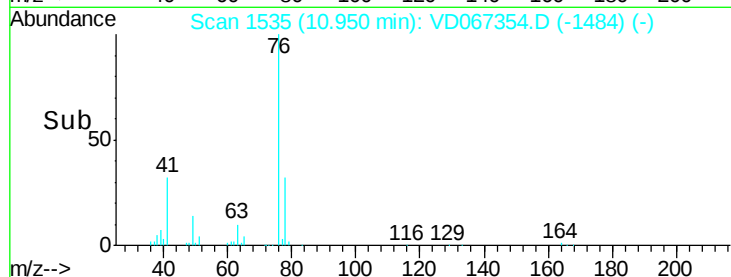
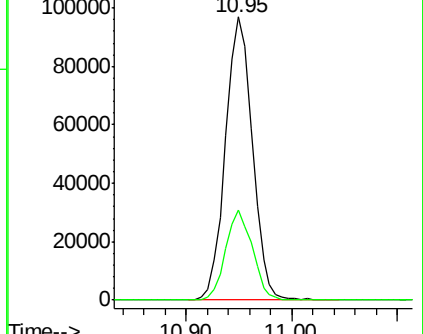
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 253.751 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067354.D

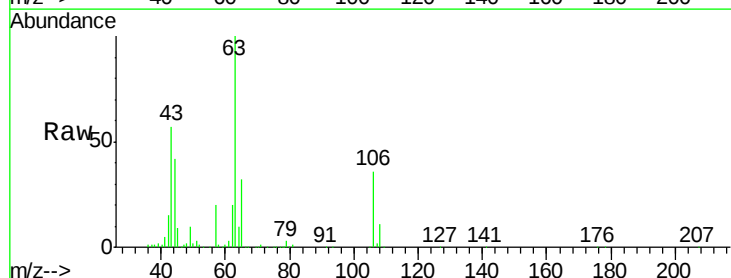
Acq: 22 Oct 2020 10:07

Tgt Ion: 63 Resp: 293252

Ion Ratio Lower Upper

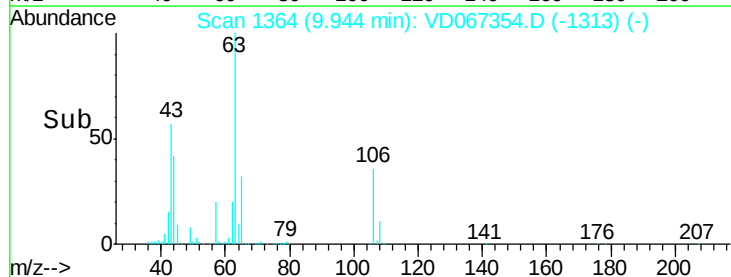
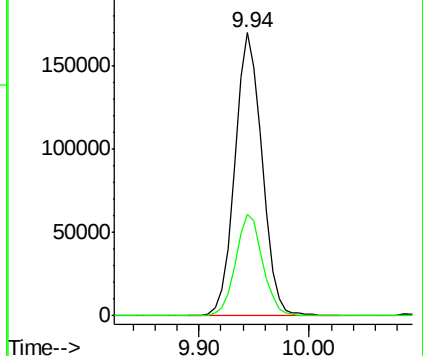
63 100

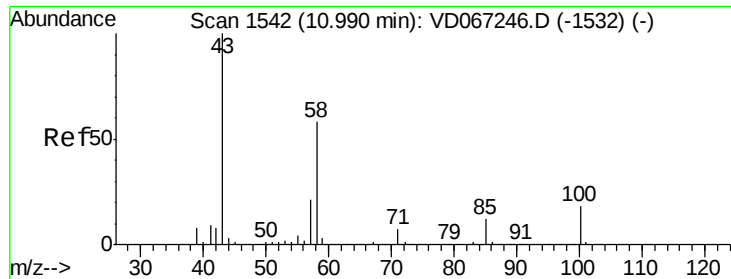
106 35.7 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





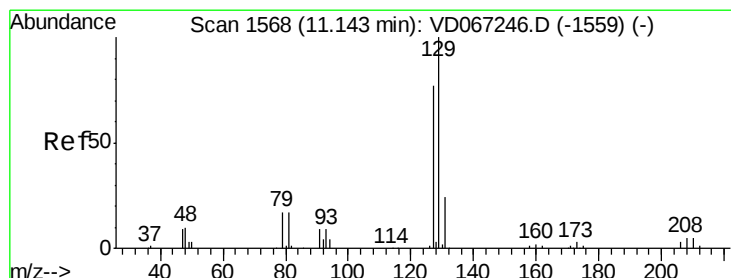
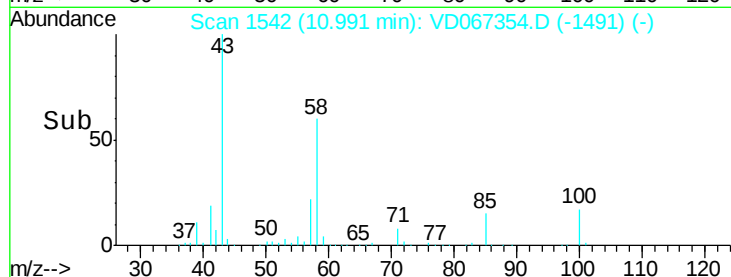
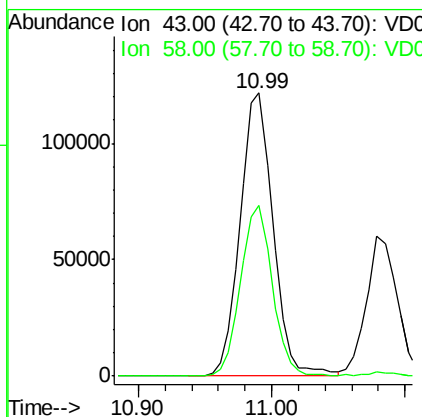
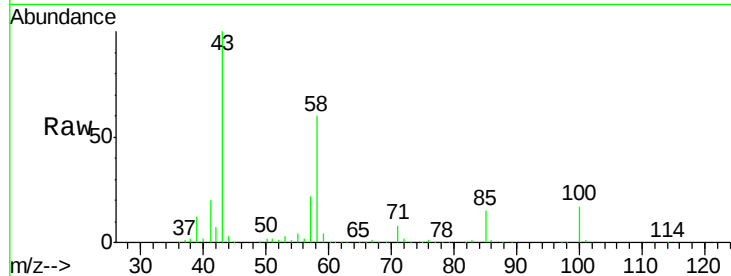
#59
2-Hexanone
Concen: 260.072 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 208085
Ion Ratio Lower Upper
43 100
58 57.7 29.3 87.9

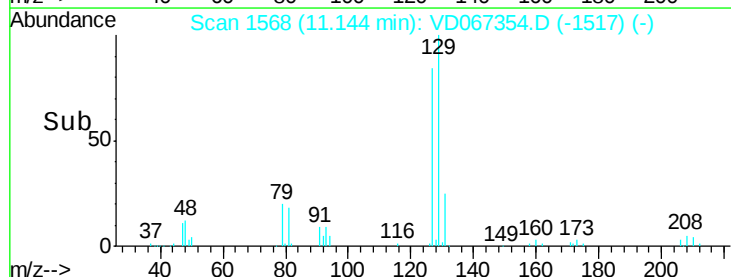
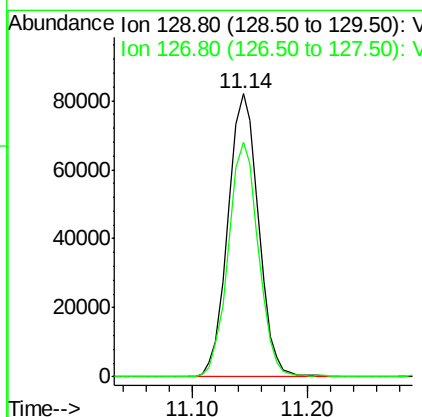
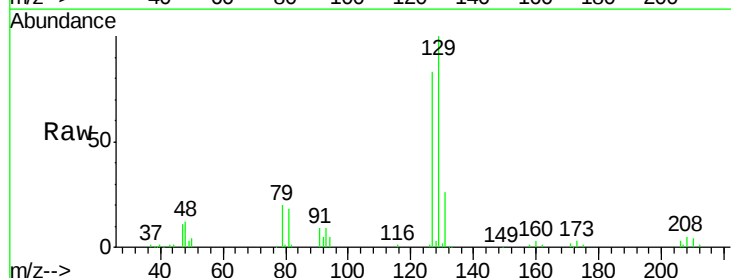
Manual Integrations
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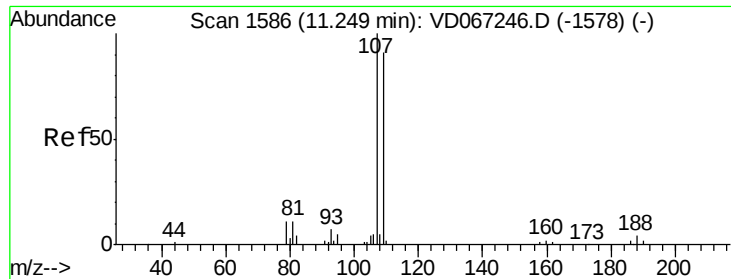
MMDadoda
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#60
Dibromochloromethane
Concen: 47.606 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 129 Resp: 150807
Ion Ratio Lower Upper
129 100
127 81.3 38.3 114.8





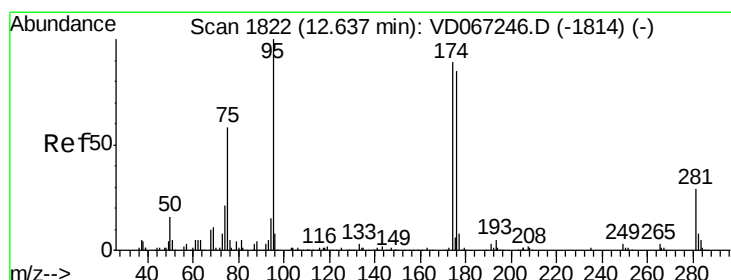
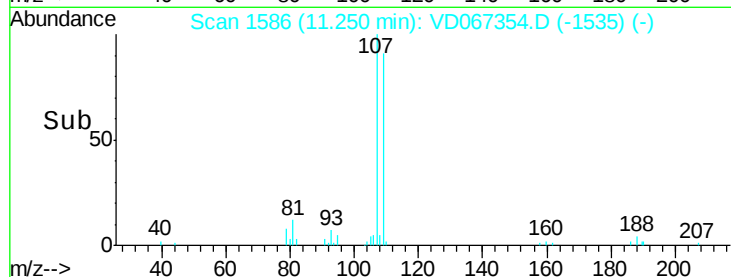
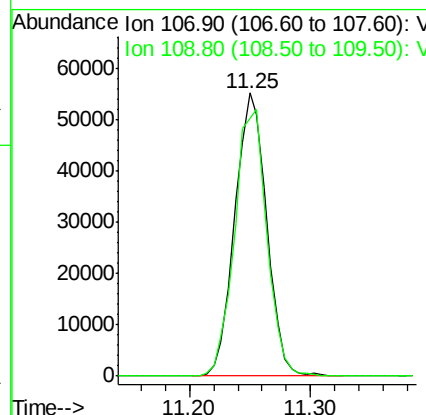
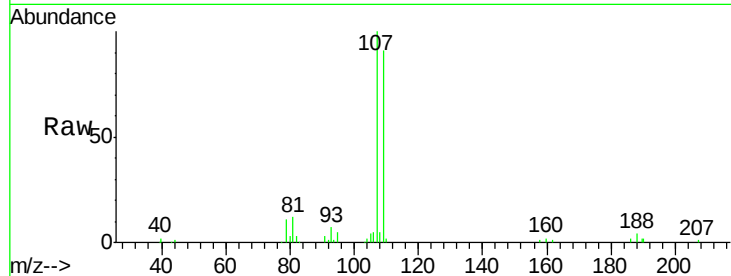
#61
 1,2-Dibromoethane
 Concen: 47.350 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.6	112.0

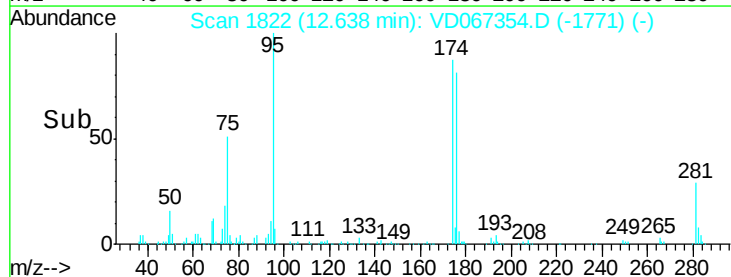
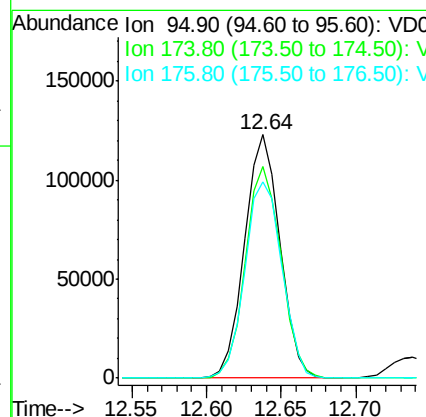
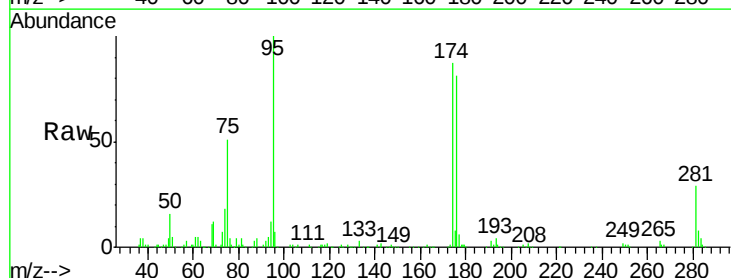
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.709 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	175.2
176	84.4	0.0	168.6





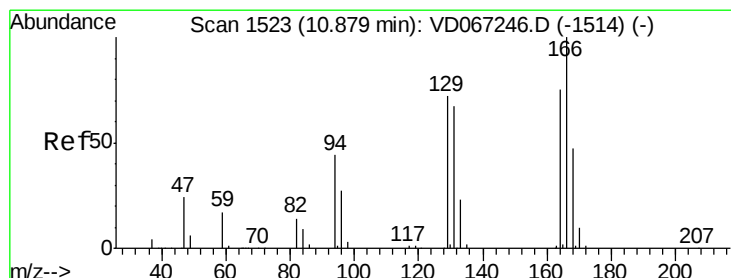
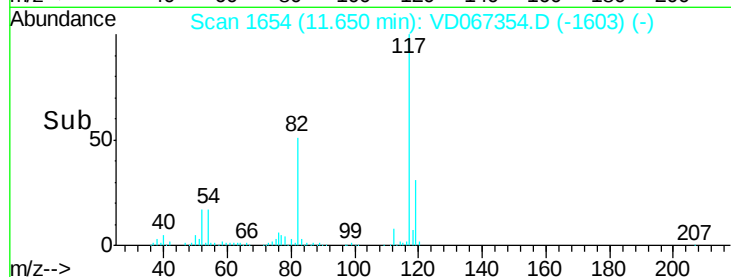
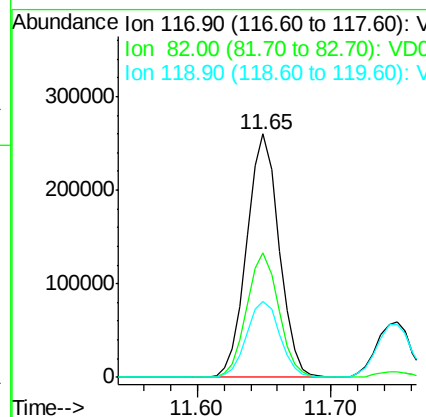
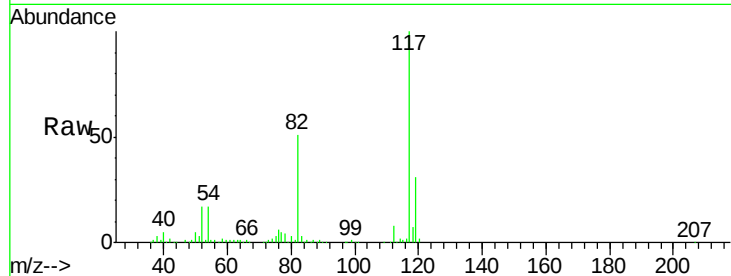
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	39.9	59.9
119	31.2	24.9	37.3

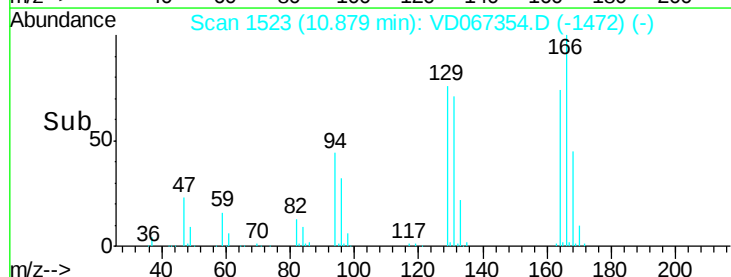
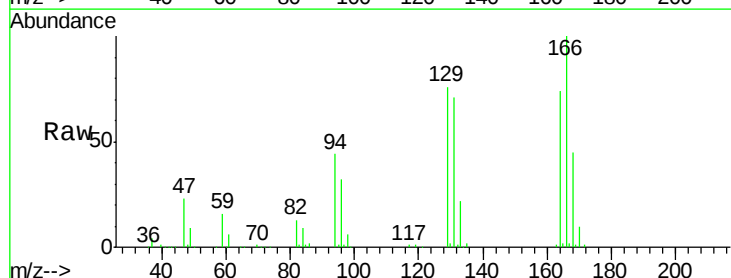
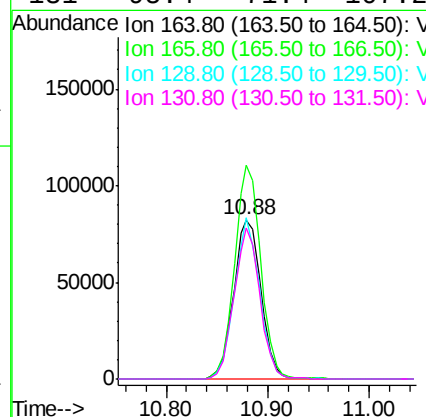
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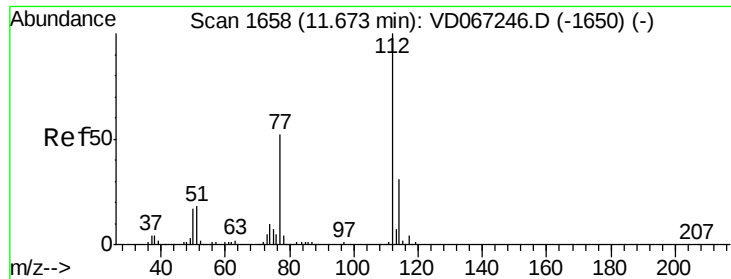
MMDadoda
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#64
Tetrachloroethene
Concen: 49.023 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.3	107.3	160.9
129	101.5	77.3	115.9
131	95.4	71.4	107.2





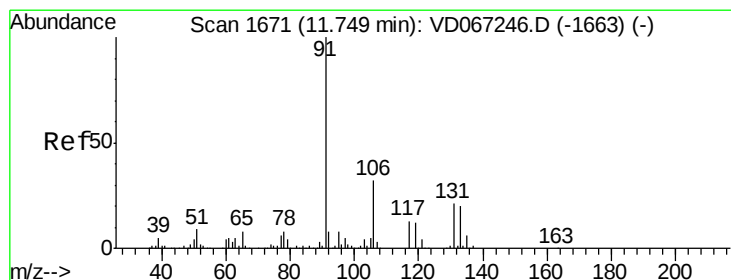
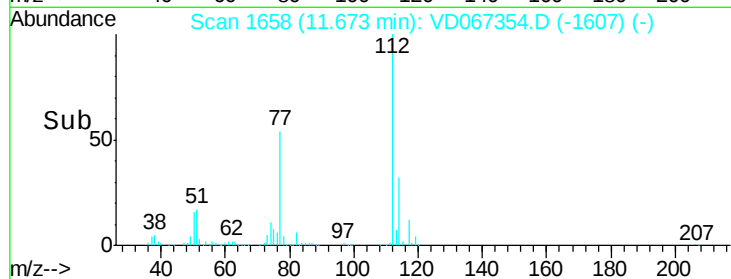
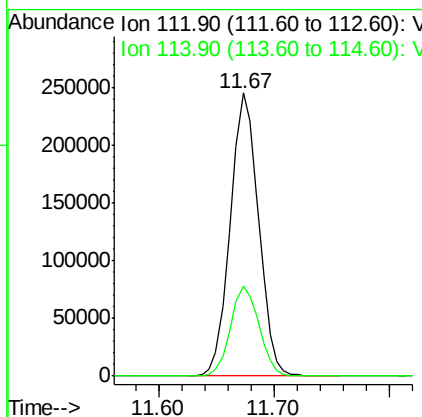
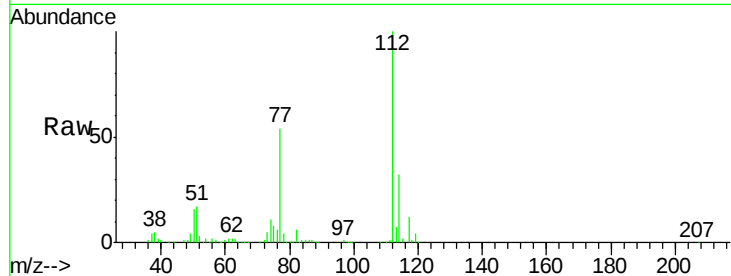
#65
Chlorobenzene
Concen: 50.015 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.0	37.4

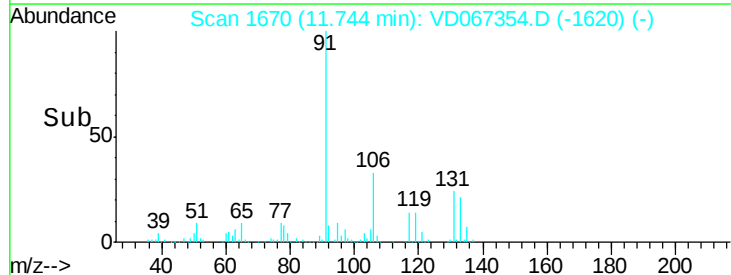
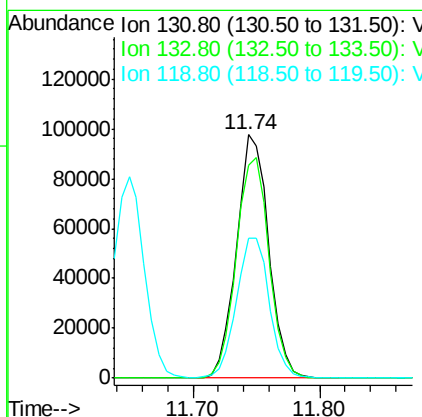
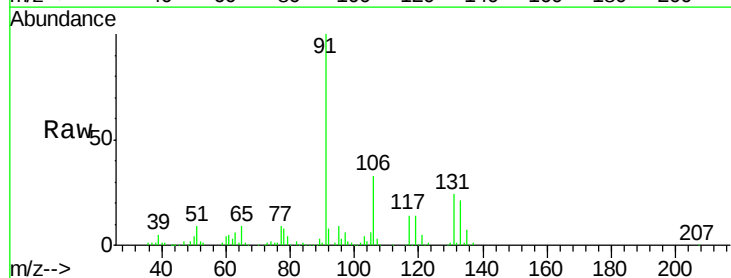
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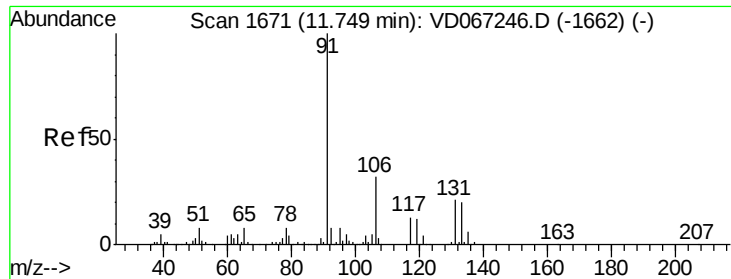
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.867 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	48.1	144.3
119	59.2	30.0	90.0





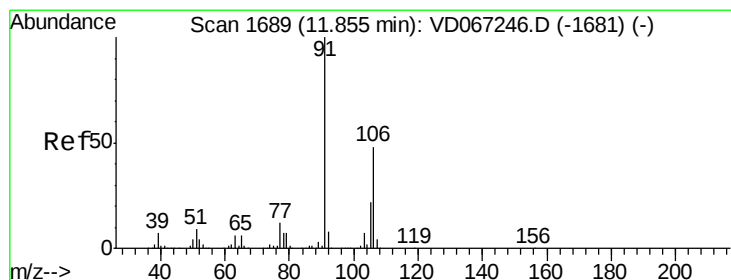
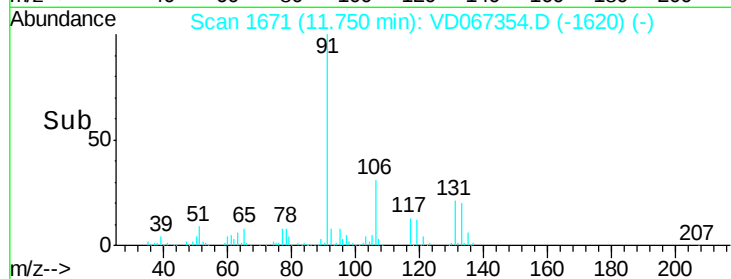
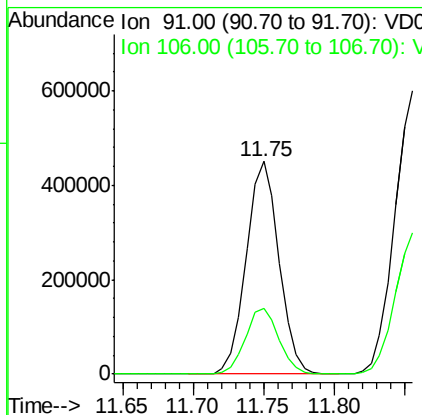
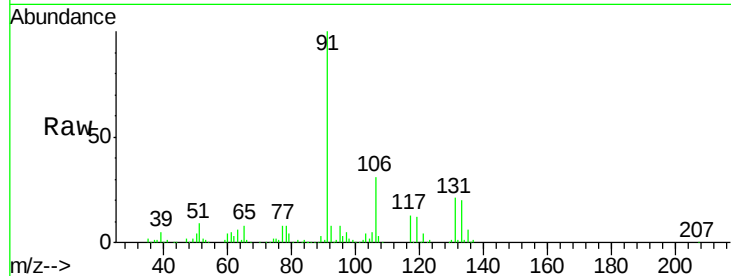
#67
Ethyl Benzene
Concen: 51.537 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 735142
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

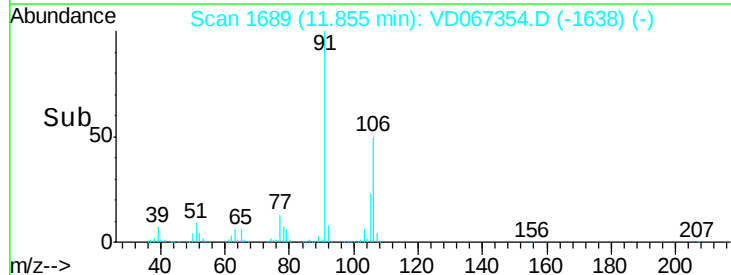
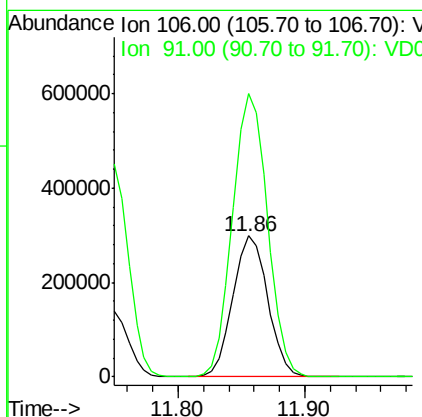
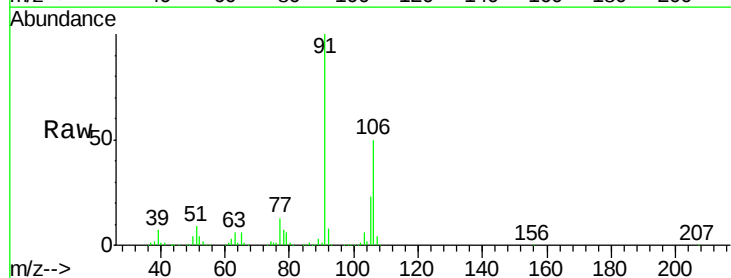
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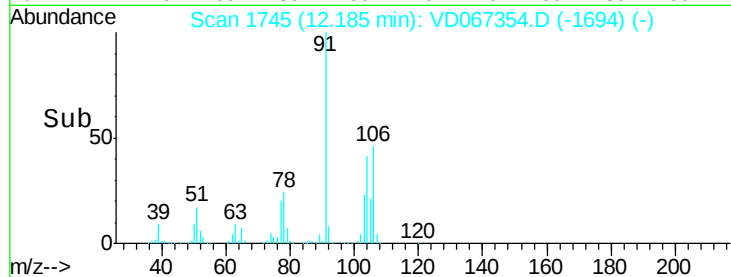
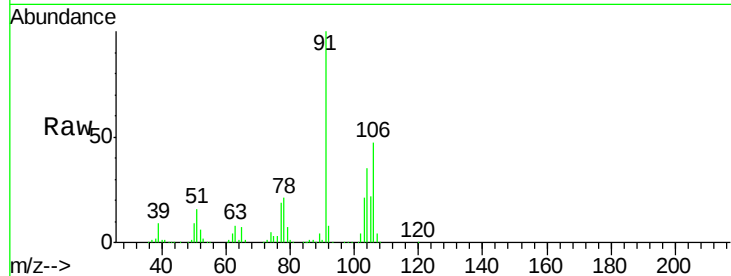
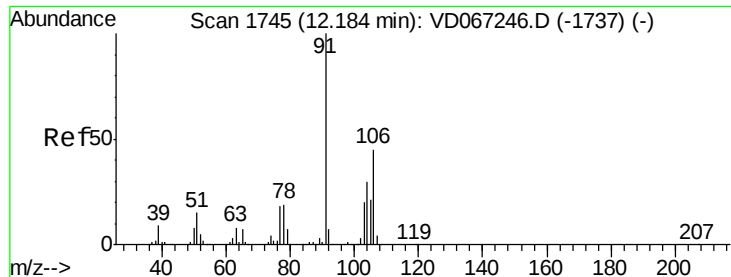
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#68
m/p-Xylenes
Concen: 103.779 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 106 Resp: 570050
Ion Ratio Lower Upper
106 100
91 201.7 163.8 245.8





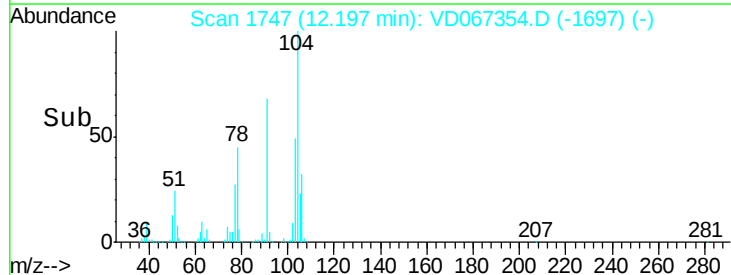
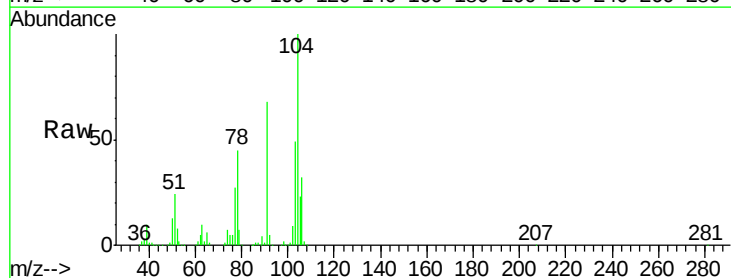
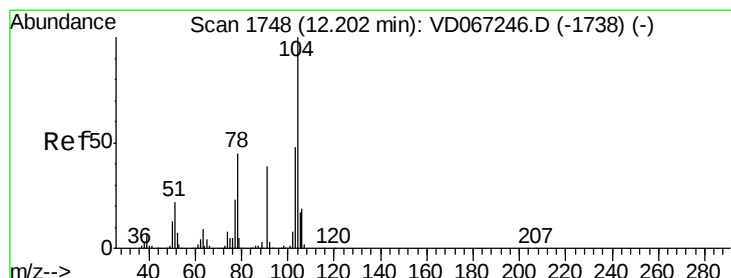
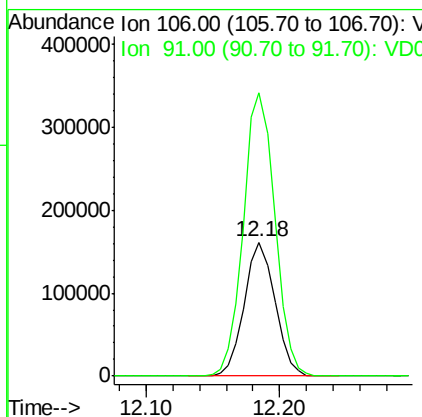
#69
o-Xylene
Concen: 50.567 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		257211		
91	216.4	109.1	327.3		

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

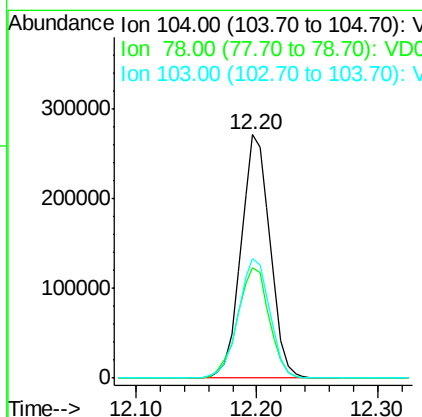
Manual Integrations
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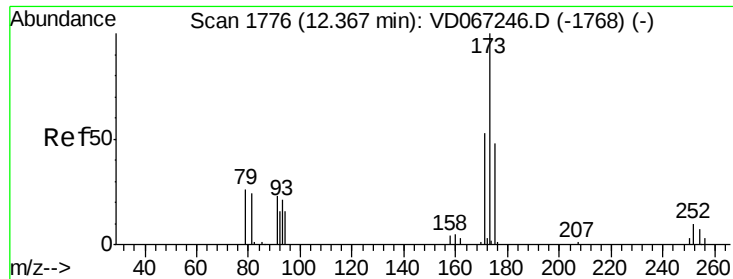
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#70
Styrene
Concen: 51.870 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		454180		
78	49.9	39.8	59.6		
103	53.3	42.6	64.0		





#71

Bromoform

Concen: 49.520 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 87983

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

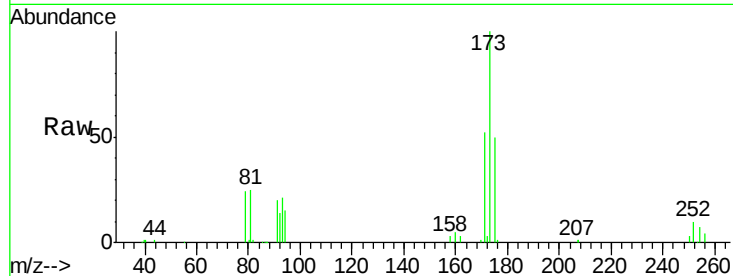
254 0.0 0.1 0.1#

Manual Integrations

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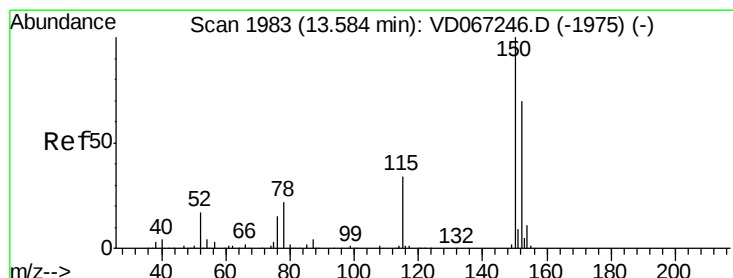
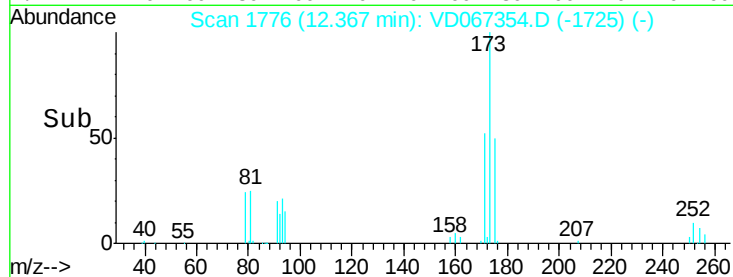
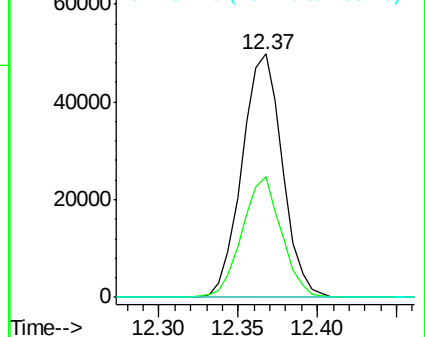
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD067354.D

Acq: 22 Oct 2020 10:07

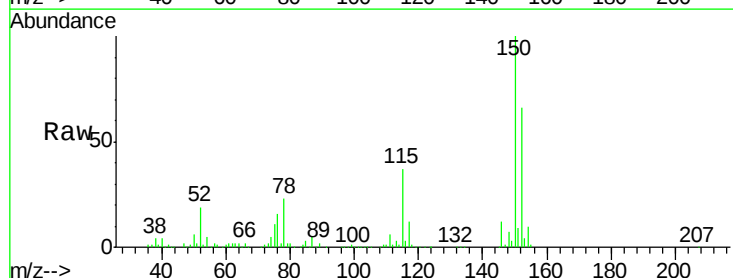
Tgt Ion:152 Resp: 218941

Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.9

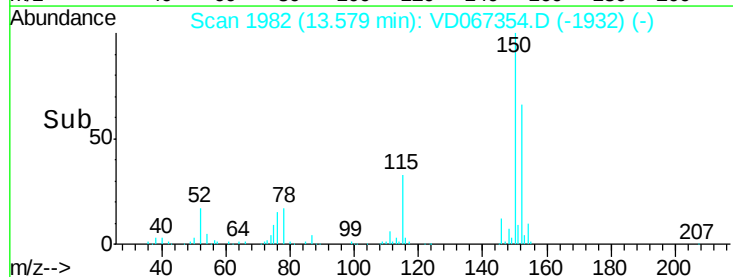
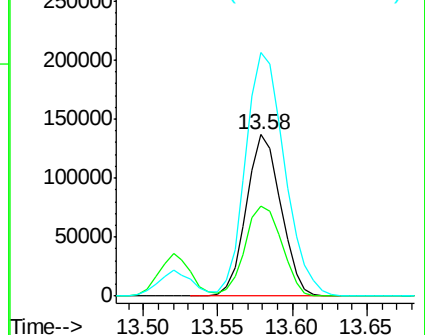
150 171.5 0.0 339.0

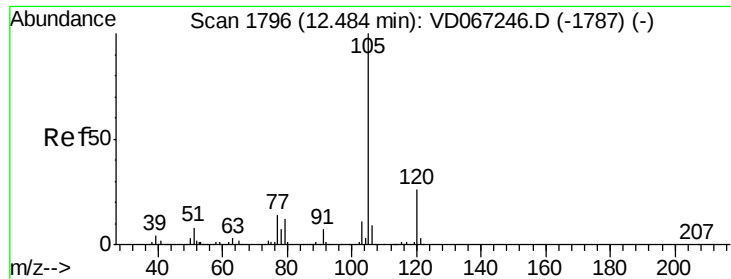


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





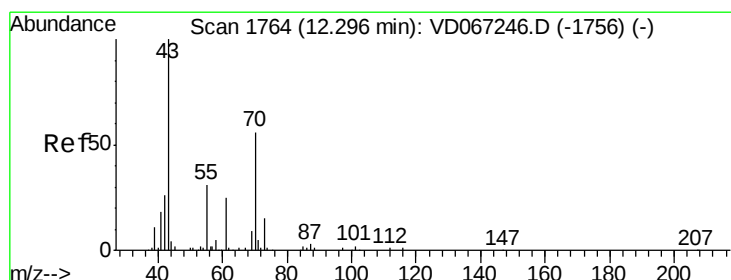
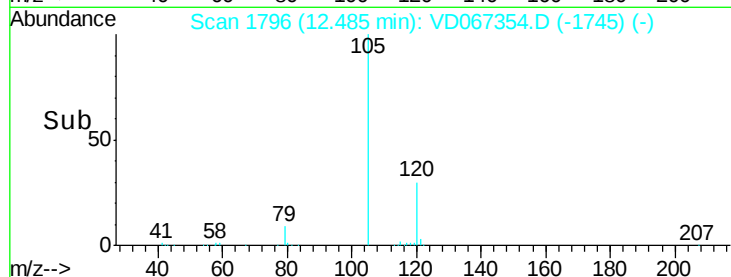
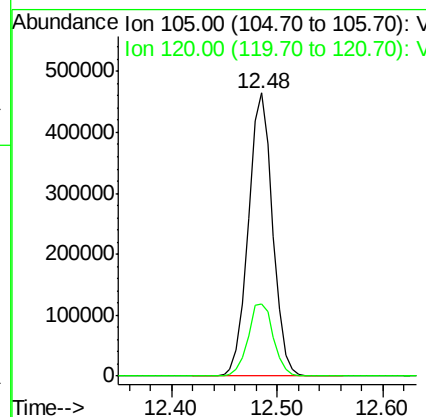
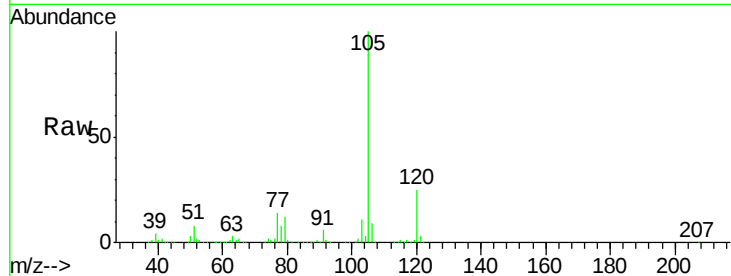
#73
Isopropylbenzene
Concen: 53.195 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 739174
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8

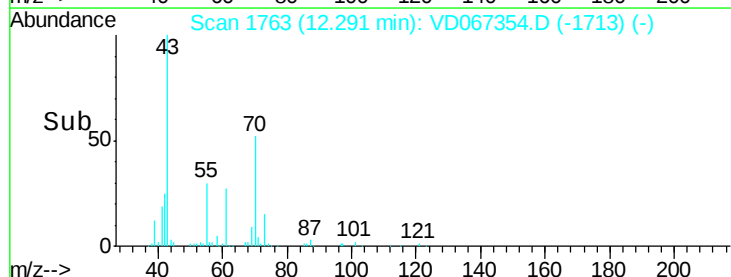
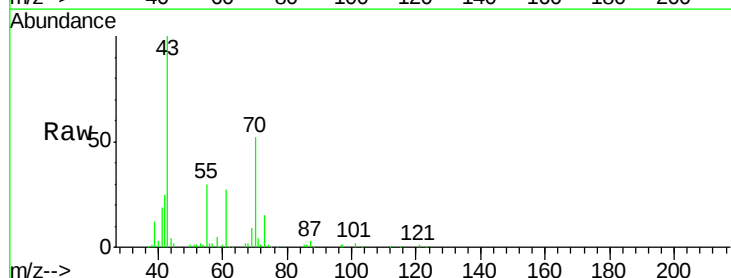
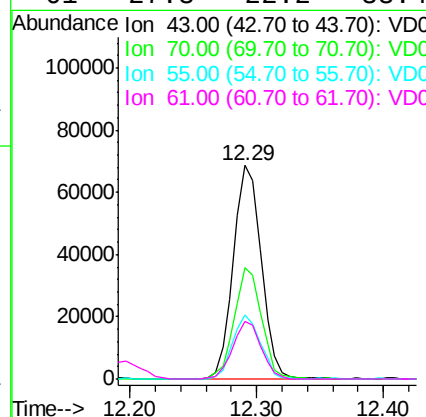
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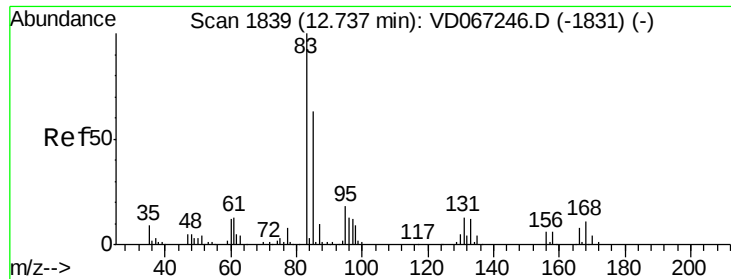
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#74
N-ethyl acetate
Concen: 49.689 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion: 43 Resp: 104281
Ion Ratio Lower Upper
43 100
70 51.0 42.7 64.1
55 29.5 24.0 36.0
61 27.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.496 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

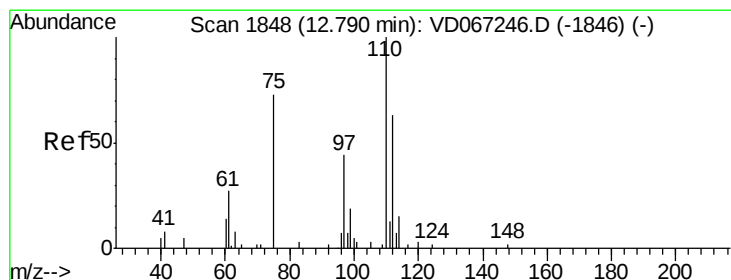
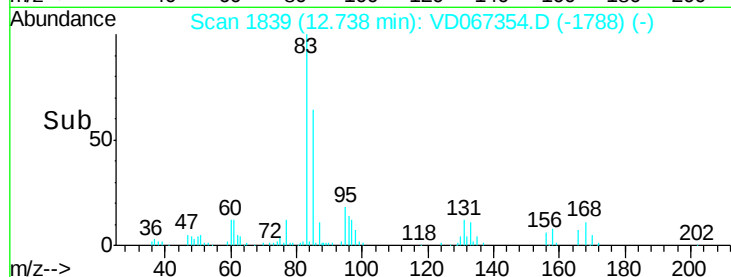
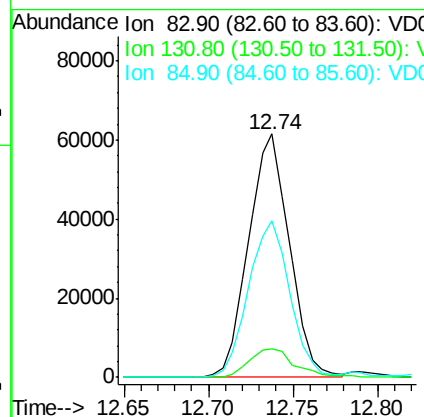
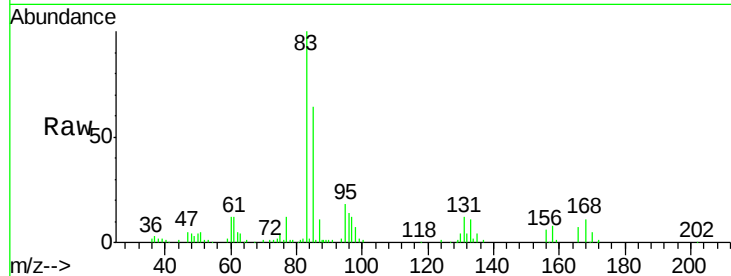
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	103252
Ion Ratio	Lower	Upper	
83	100		
131	13.1	6.5	19.5
85	65.2	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 40.095 ug/l m

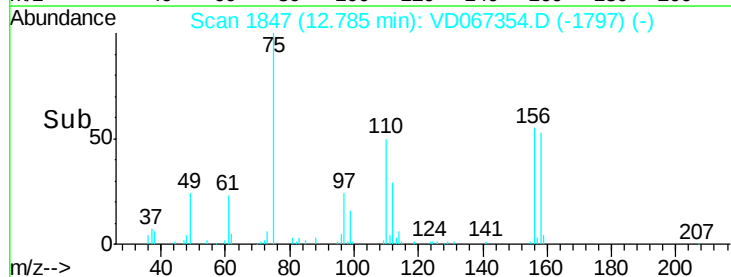
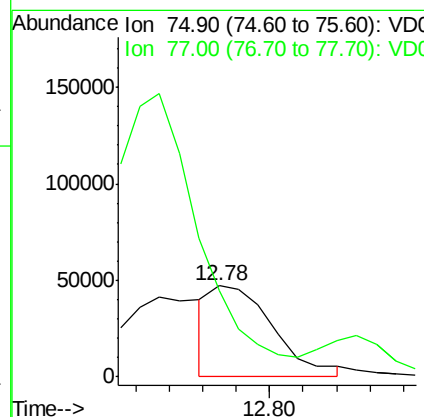
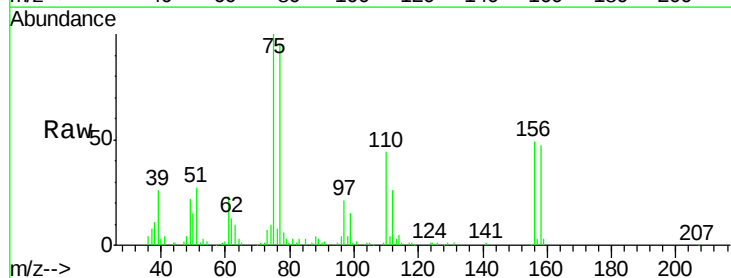
RT: 12.78 min Scan# 1847

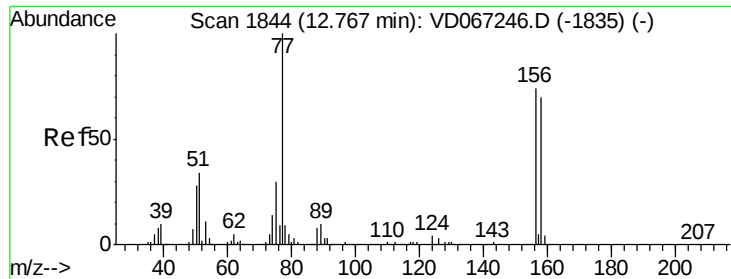
Delta R.T. -0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Tgt Ion:	75	Resp:	60843
Ion Ratio	Lower	Upper	
75	100		
77	455.6	0.0	0.0#





#77

Bromobenzene

Concen: 50.842 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

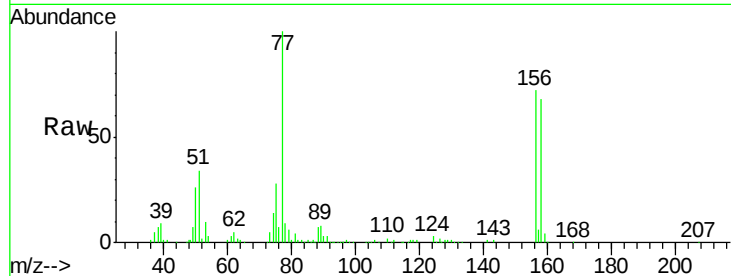
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.4	78.0	233.8
158	96.5	49.1	147.3

Manual Integrations
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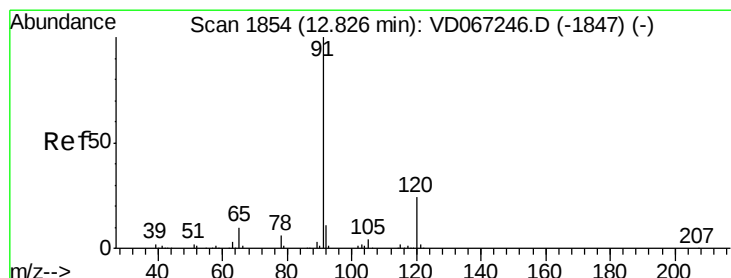
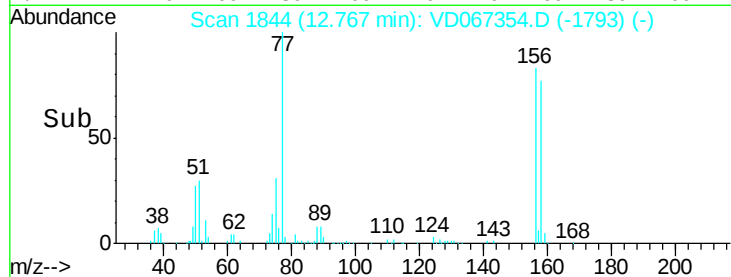
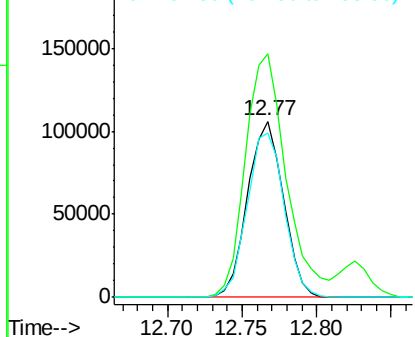
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.682 ug/l

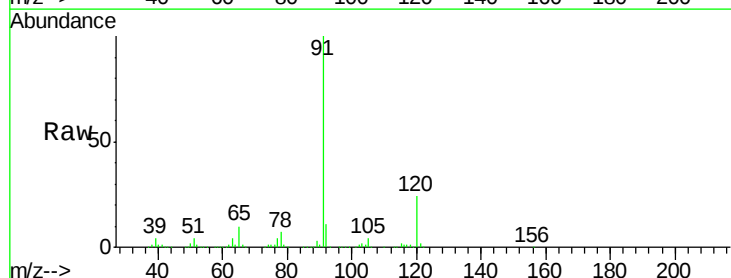
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067354.D

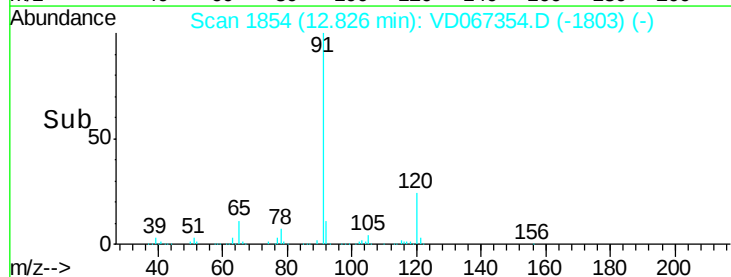
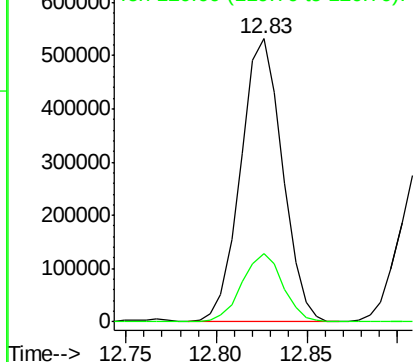
Acq: 22 Oct 2020 10:07

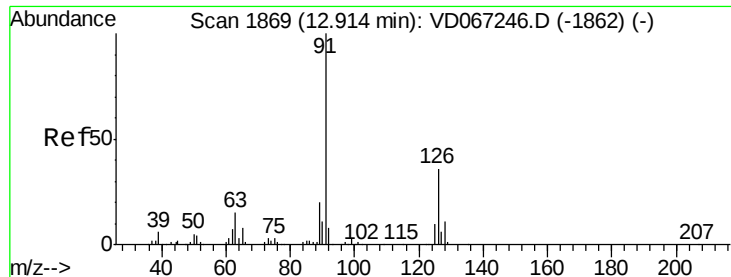
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





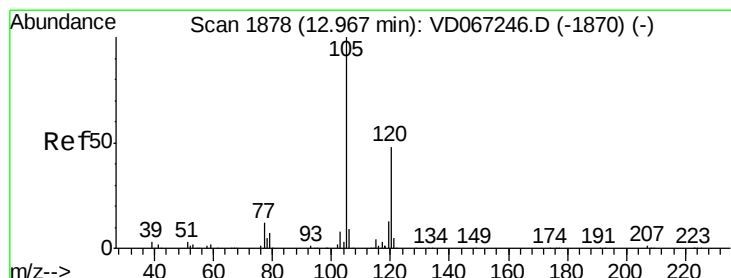
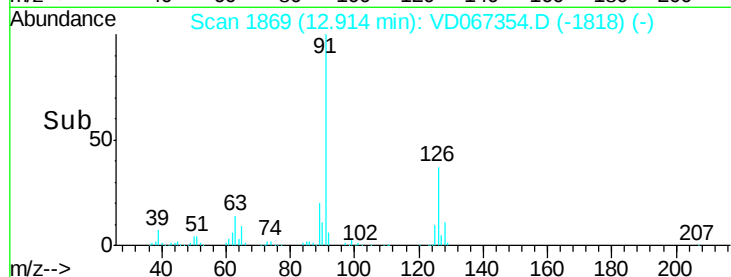
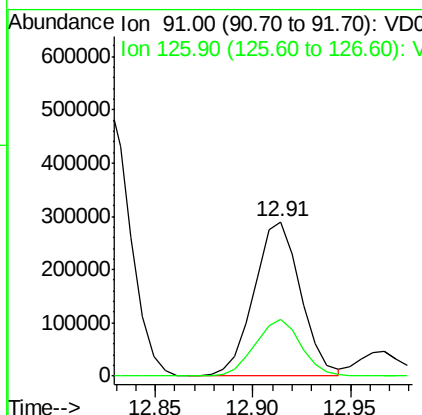
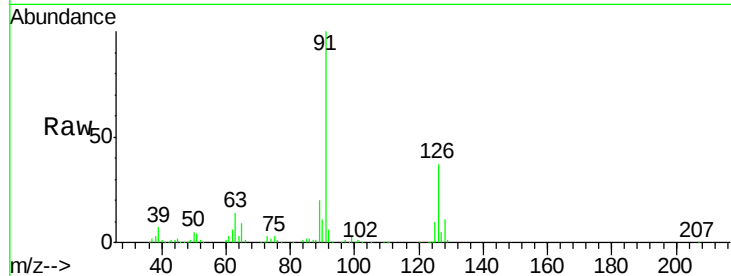
#79
 2-Chlorotoluene
 Concen: 51.245 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 478447
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.6 52.8

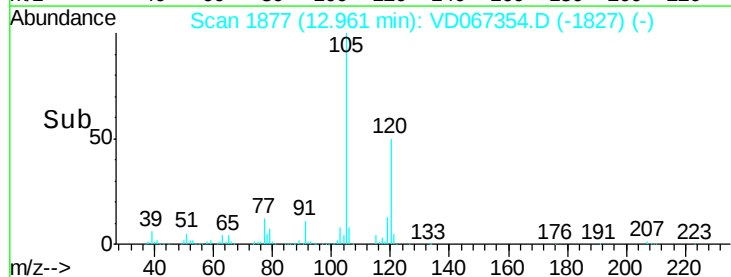
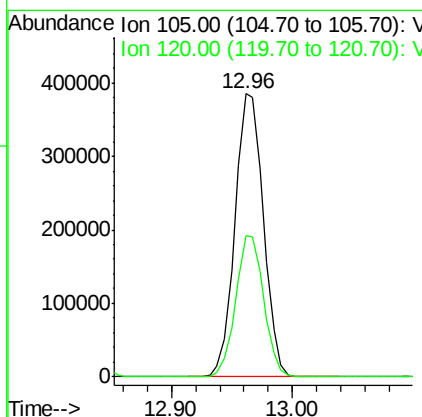
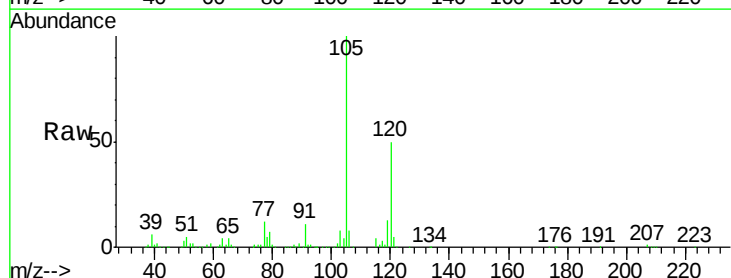
Manual Integrations
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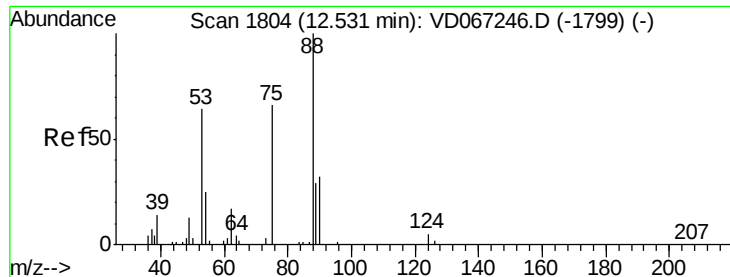
MMDadoda
 10/23/2020 2:11:56 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.393 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion: 105 Resp: 632643
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





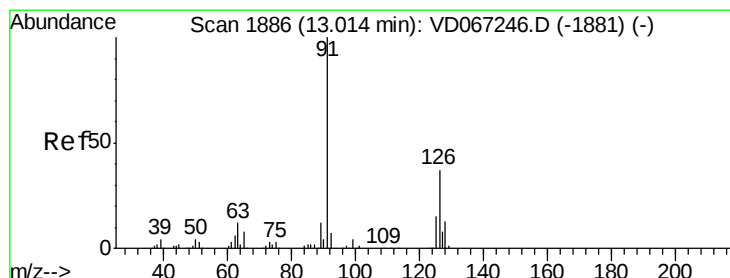
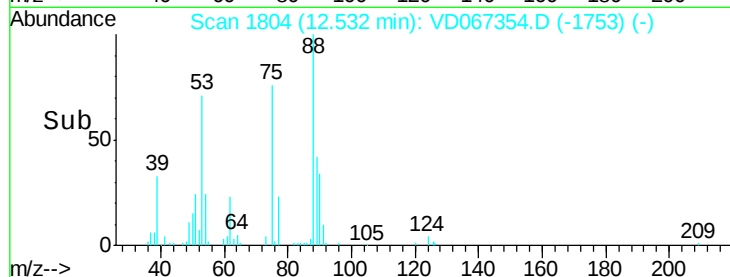
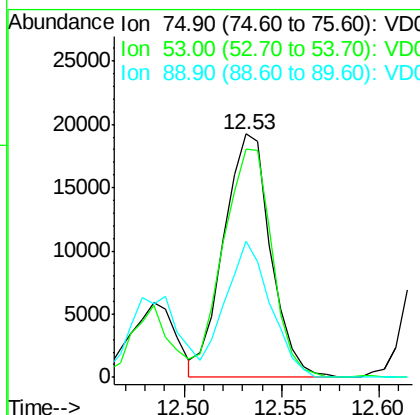
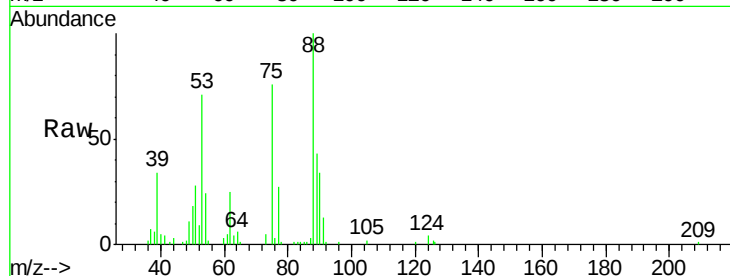
#81
trans-1,4-Dichloro-2-butene
Concen: 48.055 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	78.5	117.7
89	53.6	39.9	59.9

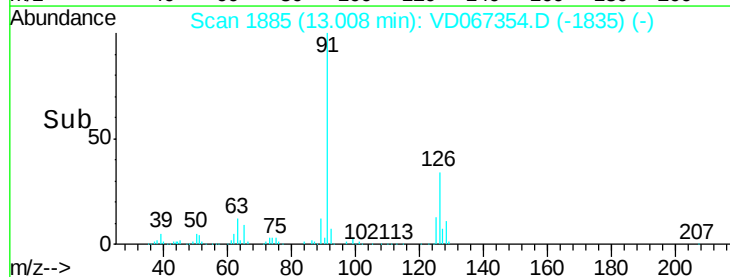
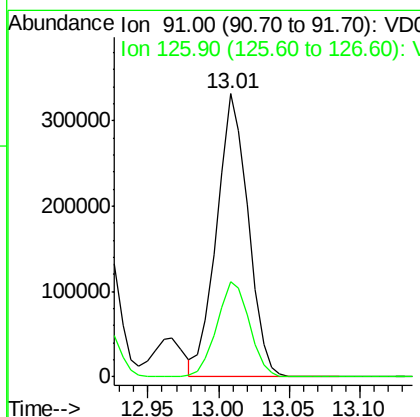
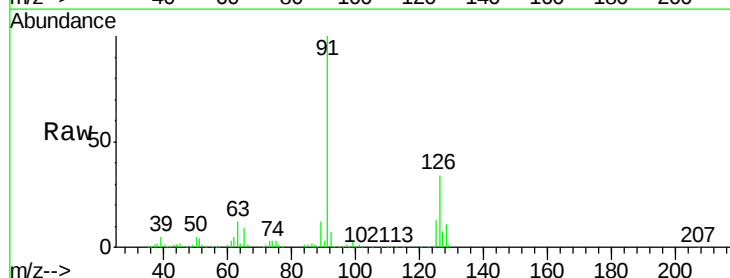
Manual Integrations
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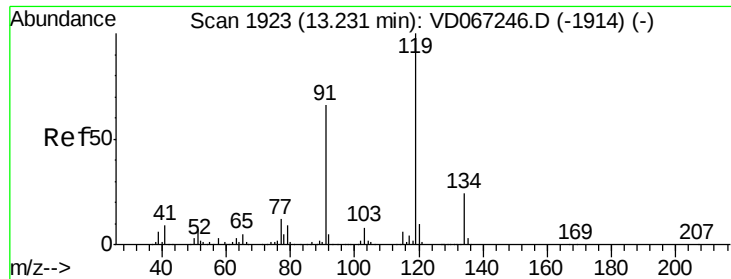
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.860 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.8	53.5





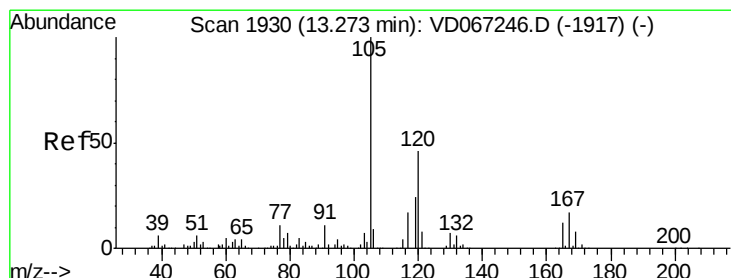
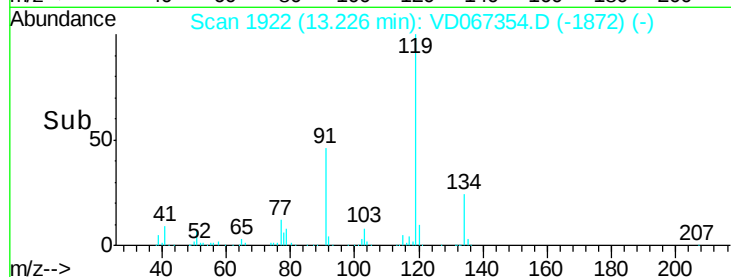
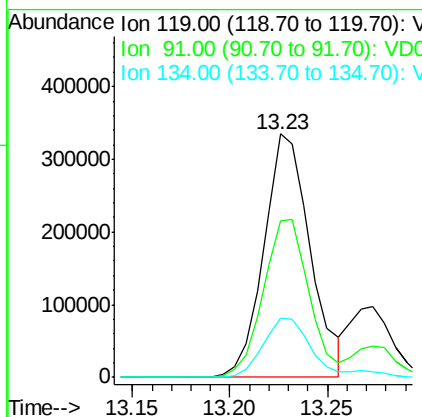
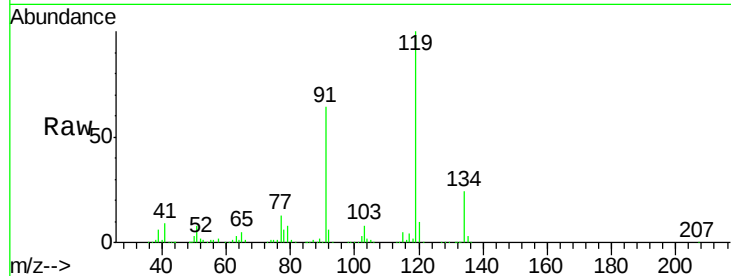
#83
tert-Butylbenzene
Concen: 54.066 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	551471		
91	64.1		33.1	99.2
134	24.8		13.3	39.9

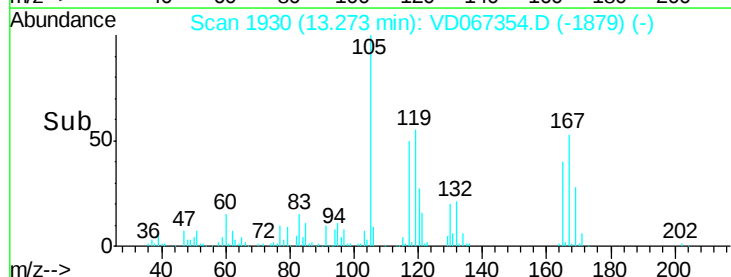
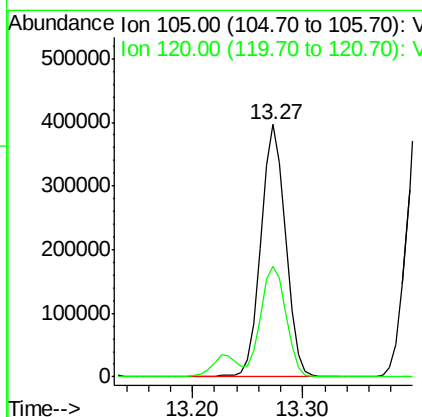
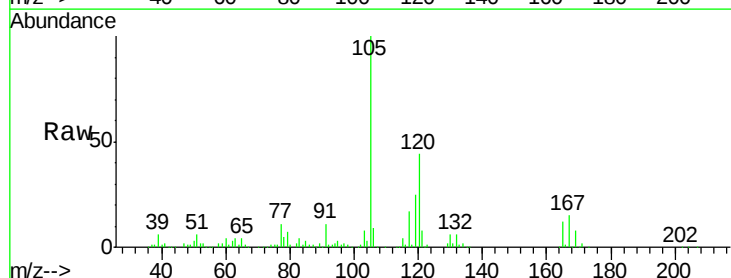
Manual Integrations
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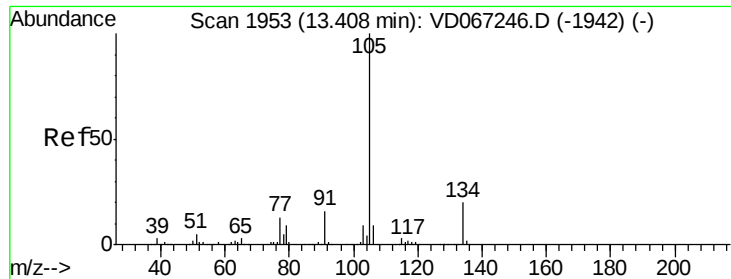
MMDadoda
10/23/2020 2:11:56 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.389 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	625242		
120	45.1		22.4	67.3





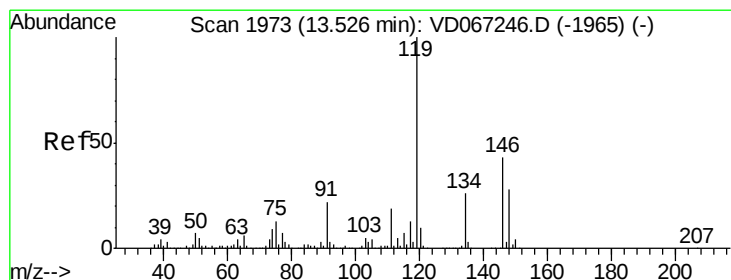
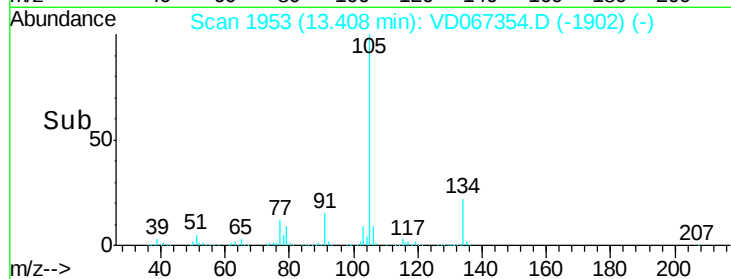
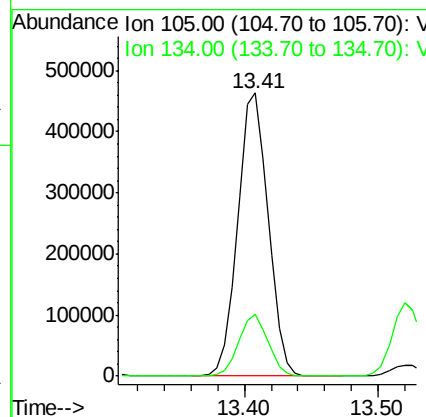
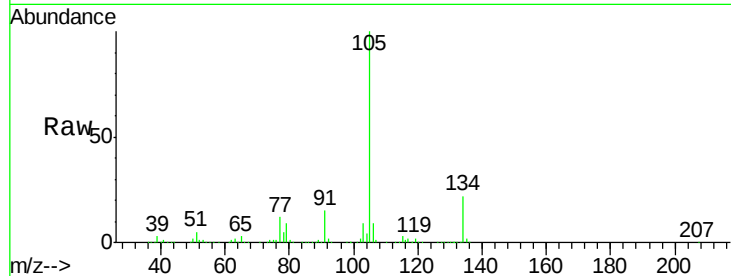
#85
 sec-Butylbenzene
 Concen: 52.392 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.5

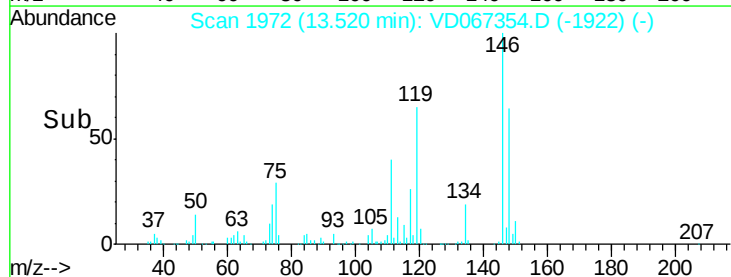
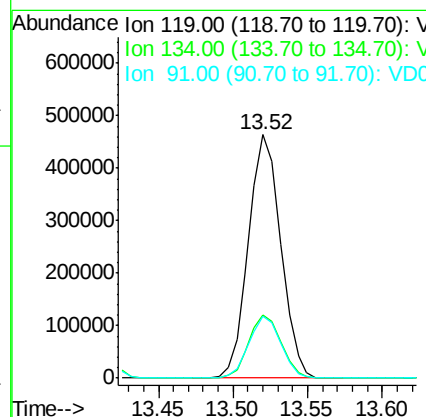
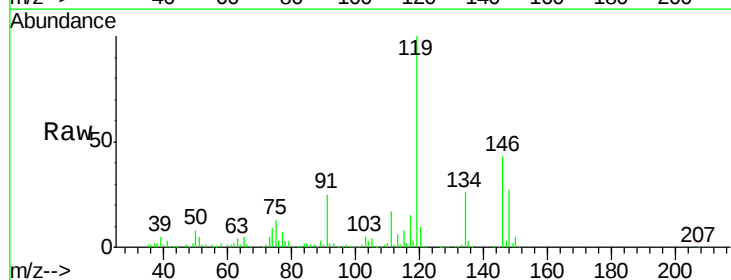
Manual Integrations
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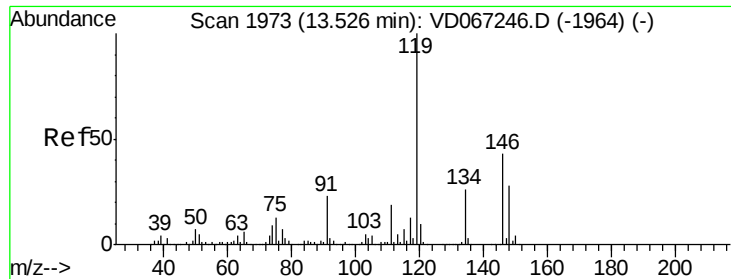
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#86
 p-Isopropyltoluene
 Concen: 52.631 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	25.4	11.9	35.9





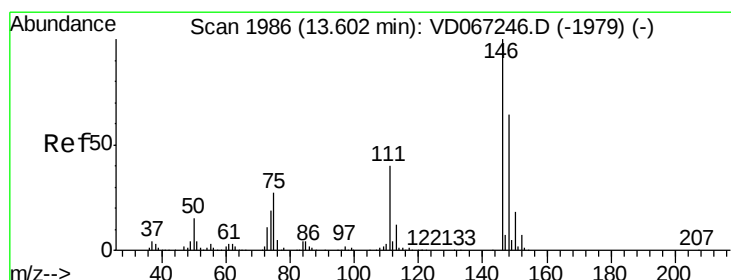
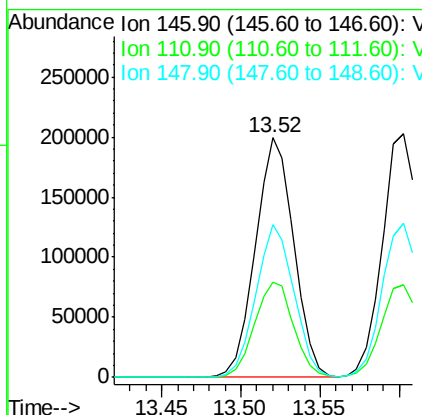
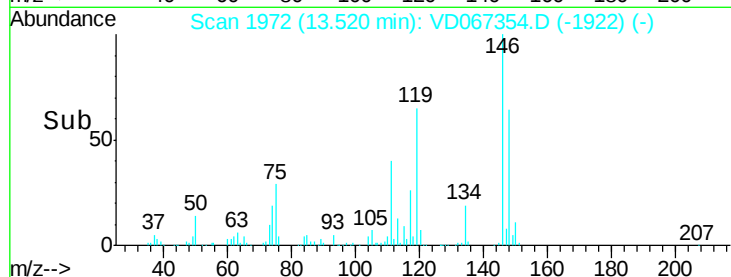
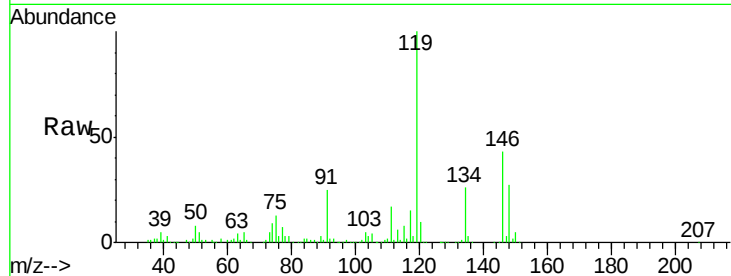
#87
 1,3-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.1	21.1	63.3	
148	63.0	31.9	95.9	

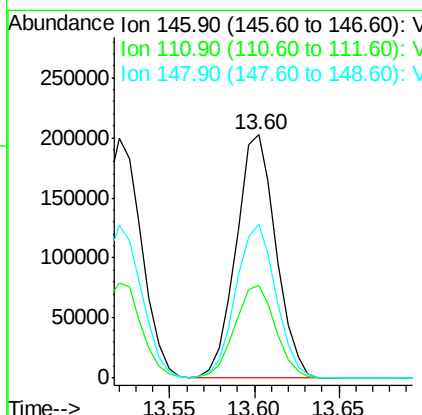
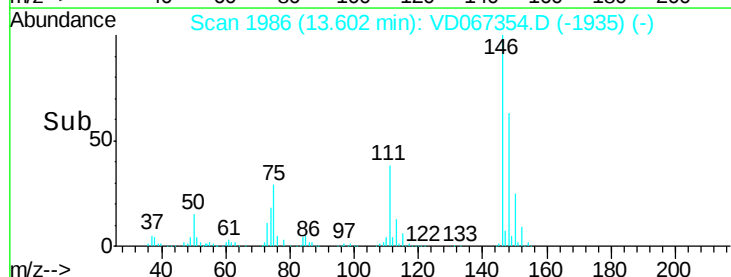
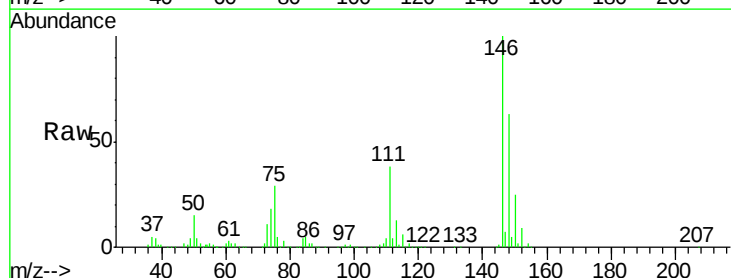
Manual Integrations
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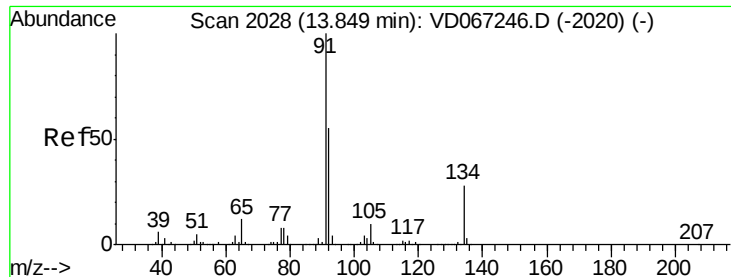
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#88
 1,4-Dichlorobenzene
 Concen: 50.411 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.9	19.9	59.7	
148	63.4	31.9	95.9	





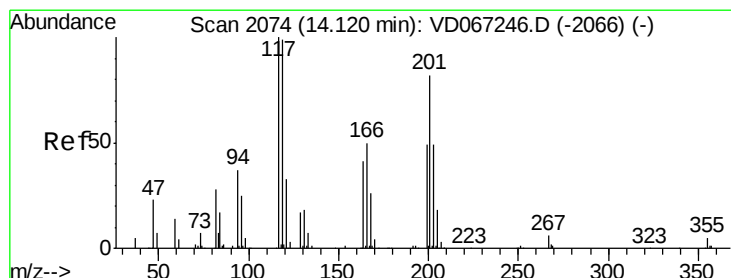
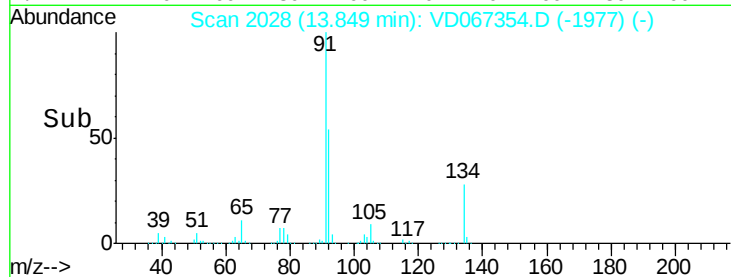
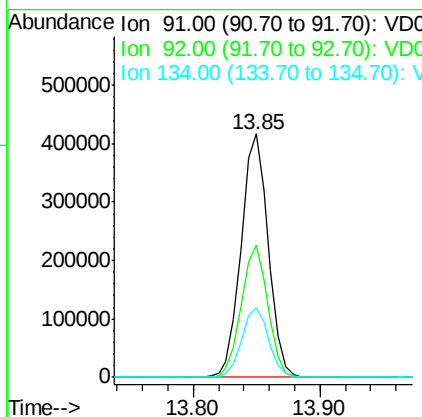
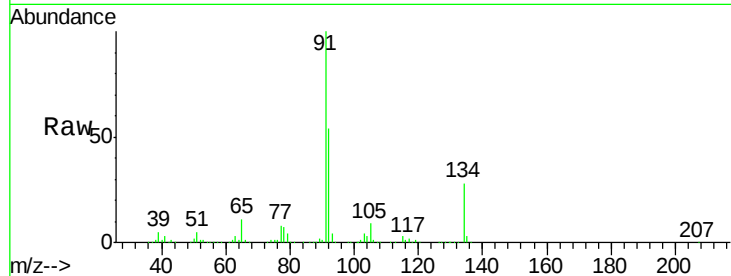
#89
n-Butylbenzene
Concen: 52.998 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.0
134	28.3	14.2	42.6

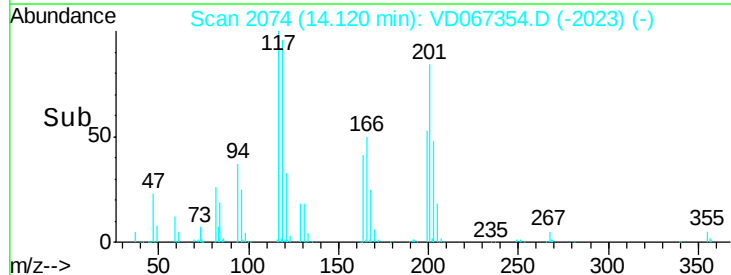
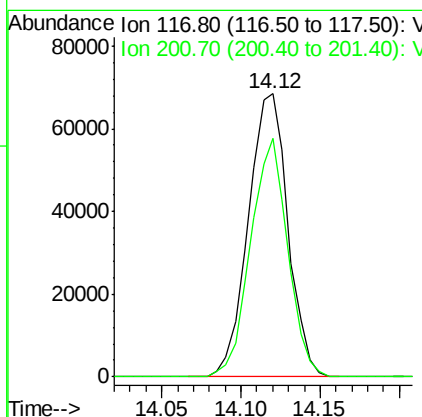
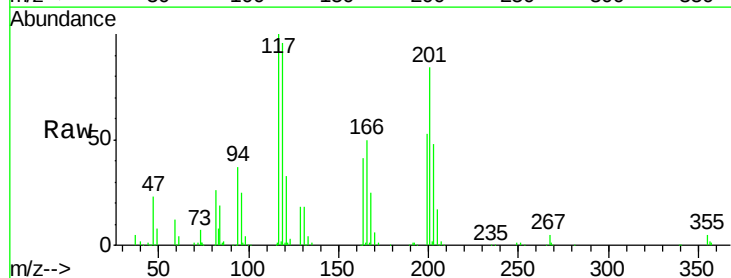
Manual Integrations
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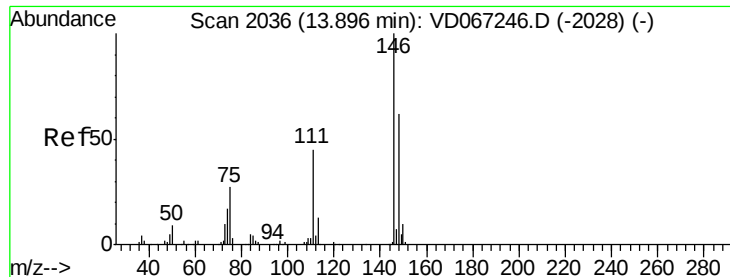
MMDadoda
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#90
Hexachloroethane
Concen: 51.683 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	40.8	122.2





#91

1,2-Dichlorobenzene

Concen: 49.811 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Instrument :

MSVOA_D

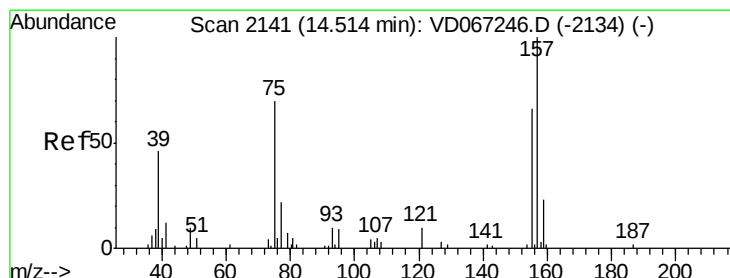
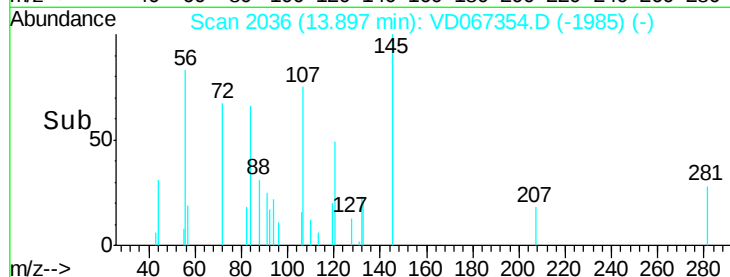
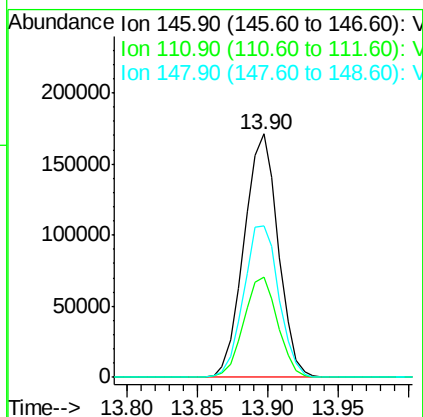
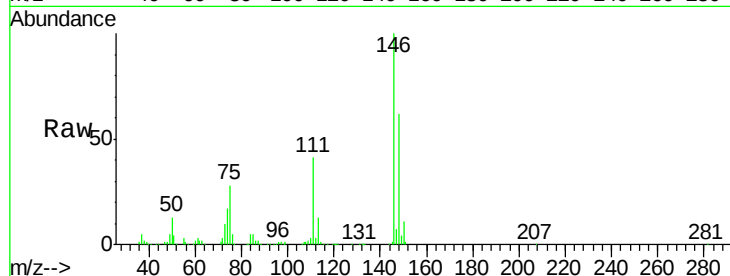
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	290149
Ion Ratio		Lower	Upper
146	100		
111	41.0	22.0	66.0
148	64.3	32.5	97.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.073 ug/l

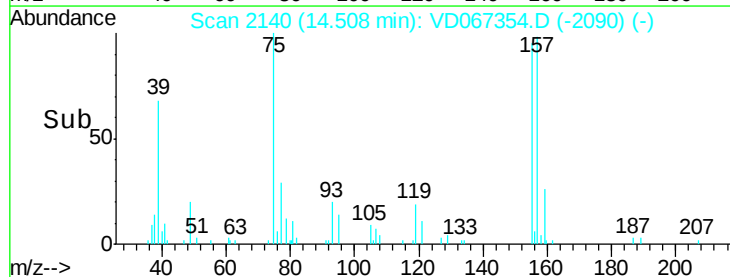
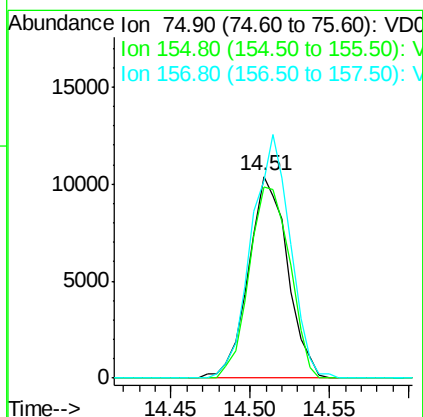
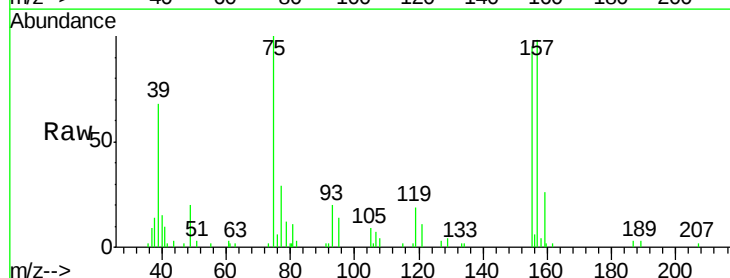
RT: 14.51 min Scan# 2140

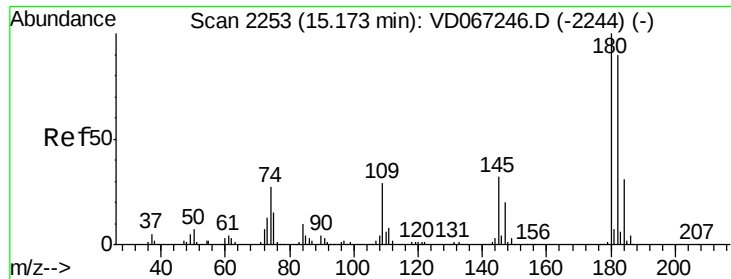
Delta R.T. -0.01 min

Lab File: VD067354.D

Acq: 22 Oct 2020 10:07

Tgt Ion:	75	Resp:	17821
Ion Ratio		Lower	Upper
75	100		
155	98.5	44.8	134.4
157	119.8	62.5	187.4





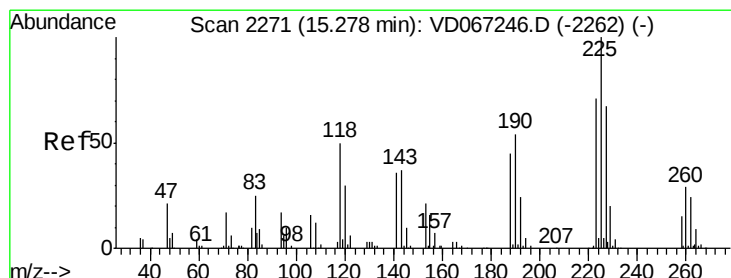
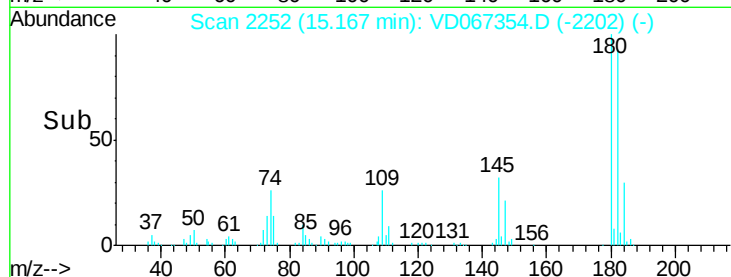
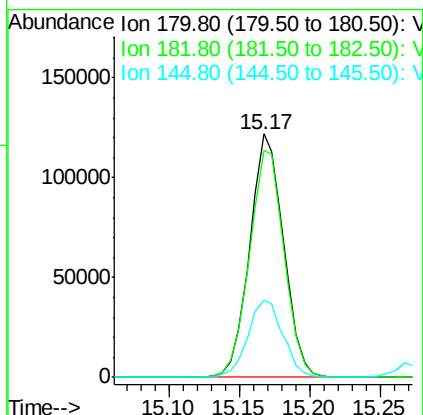
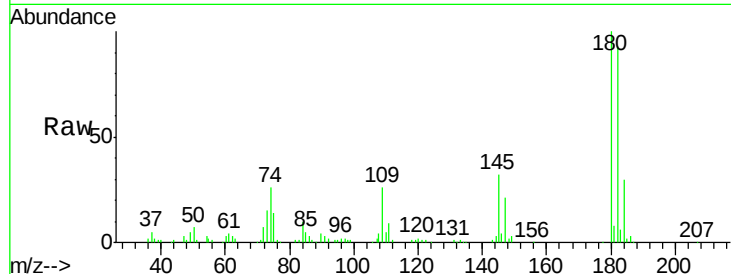
#93
 1,2,4-Trichlorobenzene
 Concen: 52.281 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205329		
182	95.5	48.1	144.4	
145	32.7	16.3	48.9	

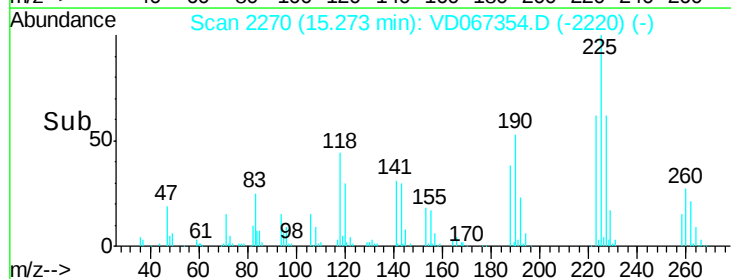
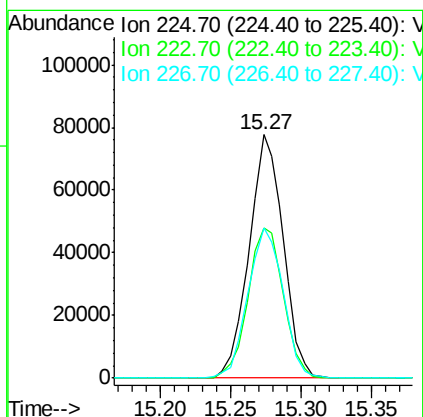
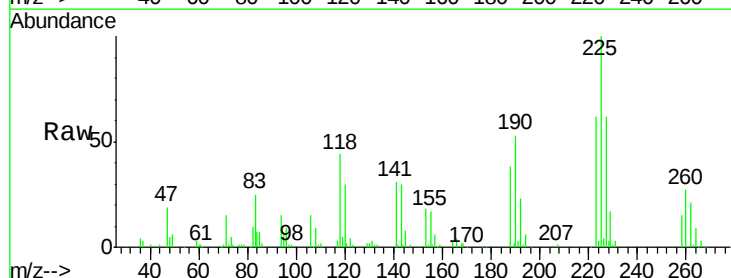
Manual Integrations
 APPROVED

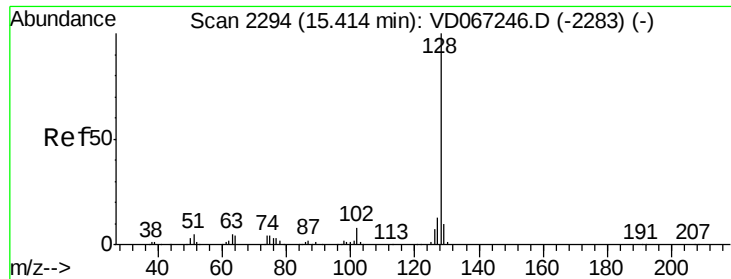
MMDadoda
 10/23/2020 2:11:56 PM



#94
 Hexachlorobutadiene
 Concen: 54.119 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067354.D
 Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131989		
223	63.7	31.9	95.7	
227	63.5	31.2	93.6	





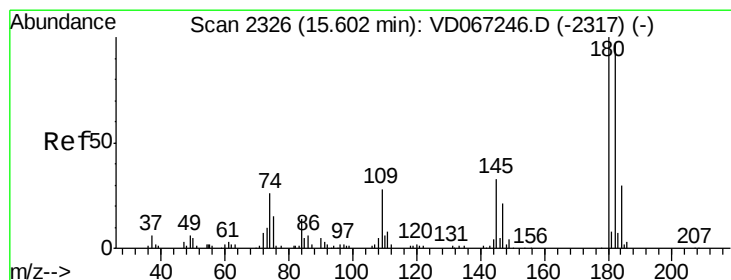
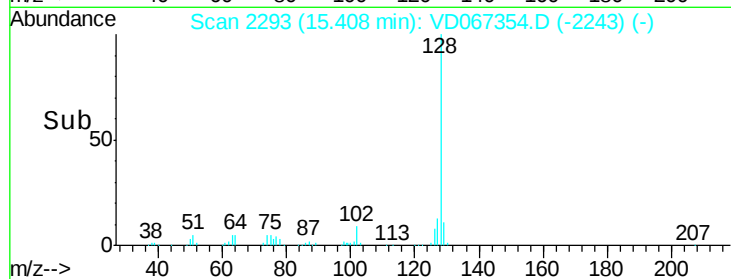
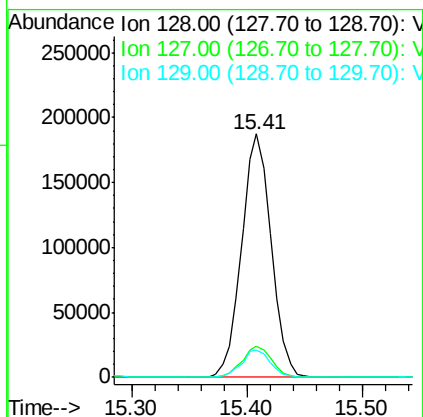
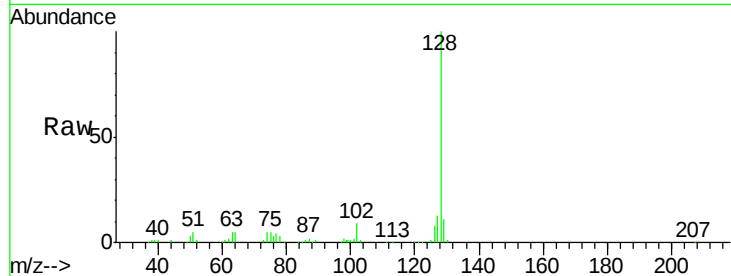
#95
Naphthalene
Concen: 51.606 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:11:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.927 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067354.D
Acq: 22 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.3
145	34.6	17.3	51.9

