

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067593.D
 Acq On : 11 Nov 2020 11:03
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:11:37 PM

Quant Time: Nov 12 00:25:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	298367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	436995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	409455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	128067	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.91	113	129709	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.34	98	446345	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.64	95	169181	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	59072	21.903	ug/l	98
3) Chloromethane	2.21	50	35617	19.170	ug/l	91
4) Vinyl Chloride	2.35	62	38158	18.421	ug/l	100
5) Bromomethane	2.76	94	31535	18.782	ug/l	90
6) Chloroethane	2.92	64	24128	18.893	ug/l	94
7) Trichlorofluoromethane	3.27	101	110611	20.623	ug/l	94
8) Diethyl Ether	3.71	74	22975	21.258	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	57938	21.400	ug/l	98
10) Methyl Iodide	4.30	142	51103	17.611	ug/l	98
11) Tert butyl alcohol	5.21	59	21107	182.266	ug/l	97
12) 1,1-Dichloroethene	4.07	96	48576	19.506	ug/l	97
13) Acrolein	3.94	56	5812	72.852	ug/l	94
14) Allyl chloride	4.71	41	49843	18.701	ug/l	98
15) Acrylonitrile	5.42	53	43140	107.983	ug/l	99
16) Acetone	4.16	43	35923	92.014	ug/l	94
17) Carbon Disulfide	4.40	76	146102	19.146	ug/l	98
18) Methyl Acetate	4.72	43	16806m	20.832	ug/l	
19) Methyl tert-butyl Ether	5.47	73	104666	21.307	ug/l	97
20) Methylene Chloride	4.96	84	58007	21.034	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	57804	19.929	ug/l	89
22) Diisopropyl ether	6.36	45	105770	20.364	ug/l	96
23) Vinyl Acetate	6.30	43	279962	102.975	ug/l	98
24) 1,1-Dichloroethane	6.27	63	84872	19.974	ug/l	96
25) 2-Butanone	7.21	43	43996	105.466	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	95074	21.201	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	61483	20.422	ug/l	99
28) Bromochloromethane	7.55	49	28538	18.882	ug/l	98
29) Tetrahydrofuran	7.56	42	29104	116.472	ug/l	98
30) Chloroform	7.71	83	109063	21.515	ug/l	98
31) Cyclohexane	7.98	56	73379	19.393	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	109958	21.024	ug/l	98
36) 1,1-Dichloropropene	8.12	75	80108	21.416	ug/l	98
37) Ethyl Acetate	7.29	43	21532	22.172	ug/l #	94
38) Carbon Tetrachloride	8.10	117	110400	22.716	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	86782	19.712	ug/l	97
40) Benzene	8.36	78	220572	21.769	ug/l	98
41) Methacrylonitrile	7.53	41	13652	23.518	ug/l	87
42) 1,2-Dichloroethane	8.43	62	68643	21.927	ug/l	98
43) Isopropyl Acetate	8.46	43	44298	23.065	ug/l	98
44) Trichloroethene	9.11	130	69292	20.798	ug/l	92
45) 1,2-Dichloropropane	9.39	63	44165	20.160	ug/l	99
46) Dibromomethane	9.48	93	29886	21.456	ug/l	99
47) Bromodichloromethane	9.67	83	82251	21.725	ug/l	99
48) Methyl methacrylate	9.46	41	20153	20.323	ug/l	95
49) 1,4-Dioxane	9.46	88	6381	451.261	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	102696	111.805	ug/l	100
52) Toluene	10.41	92	146101	21.528	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	72637	22.402	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	78001	20.247	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	42813	23.230	ug/l	92
56) Ethyl methacrylate	10.67	69	42250	22.200	ug/l	95
57) 1,3-Dichloropropane	10.95	76	64950	21.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	90721	102.219	ug/l	98
59) 2-Hexanone	10.98	43	72909	113.523	ug/l	99
60) Dibromochloromethane	11.14	129	61049	22.393	ug/l	97
61) 1,2-Dibromoethane	11.25	107	40742	22.026	ug/l	99
64) Tetrachloroethene	10.88	164	63426	20.916	ug/l	98
65) Chlorobenzene	11.67	112	168217	21.328	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	64958	20.896	ug/l	99
67) Ethyl Benzene	11.75	91	281449	20.853	ug/l	98
68) m/p-Xylenes	11.86	106	222656	42.404	ug/l	100
69) o-Xylene	12.18	106	100768	21.495	ug/l	96
70) Styrene	12.20	104	178221	21.817	ug/l	98
71) Bromoform	12.37	173	34616	21.834	ug/l #	97
73) Isopropylbenzene	12.48	105	283106	21.171	ug/l	100
74) N-amyl acetate	12.29	43	38802	22.052	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	41138	22.561	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	25930m	20.774	ug/l	
77) Bromobenzene	12.77	156	71946	21.908	ug/l	97
78) n-propylbenzene	12.83	91	329786	21.561	ug/l	100
79) 2-Chlorotoluene	12.91	91	184987	21.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	248735	21.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	14083	22.907	ug/l	91
82) 4-Chlorotoluene	13.01	91	201907	21.668	ug/l	99
83) tert-Butylbenzene	13.23	119	210446	21.738	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	248066	21.816	ug/l	99
85) sec-Butylbenzene	13.41	105	280484	21.462	ug/l	99
86) p-Isopropyltoluene	13.52	119	271031	21.476	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	139771	22.305	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	134416	21.184	ug/l	98
89) n-Butylbenzene	13.85	91	232022	21.284	ug/l	98
90) Hexachloroethane	14.11	117	52065	21.907	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	117133	21.598	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7898	24.464	ug/l	92

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80164	21.778	ug/l	100
94) Hexachlorobutadiene	15.27	225	52137	21.164	ug/l	97
95) Naphthalene	15.40	128	127100	22.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	69765	22.133	ug/l	99

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

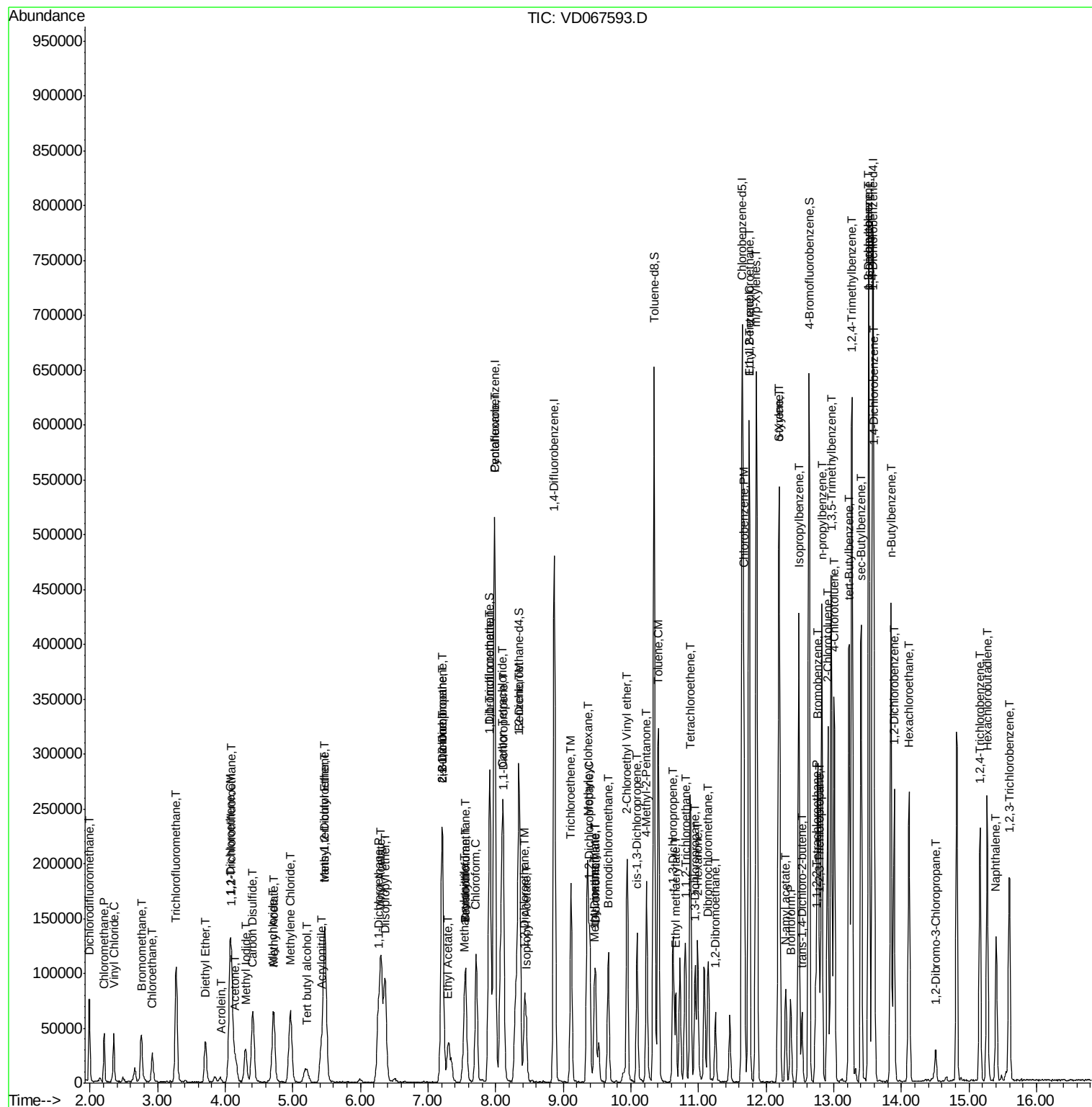
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Data File : VD067593.D
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Operator : VA/SY
Sample : VD1111SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

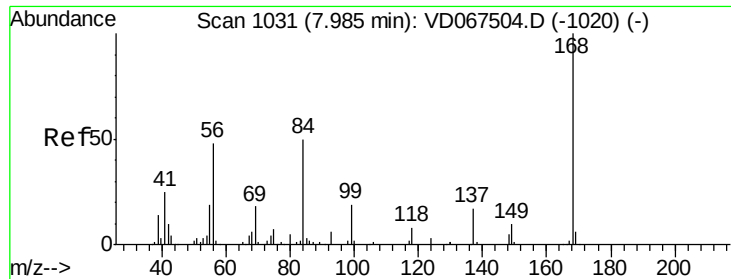
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion:168 Resp: 298367

Ion Ratio Lower Upper

168 100

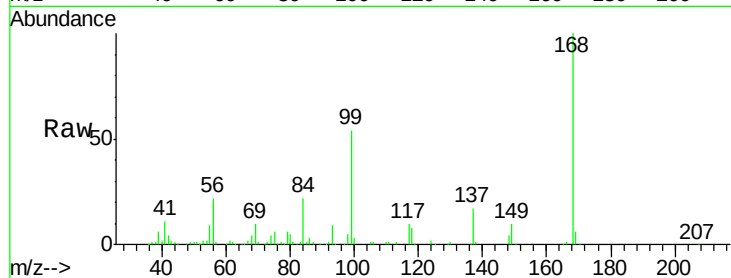
99 53.1 45.0 67.6

Manual Integrations

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11/12/2020 1:11:37 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

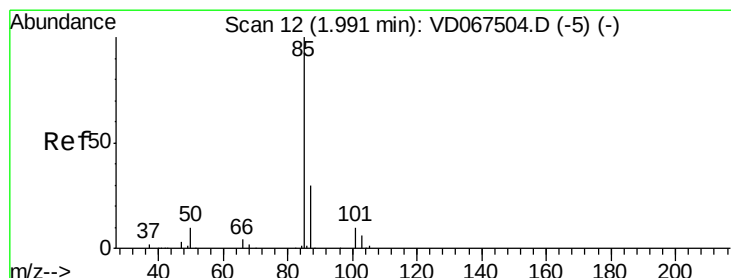
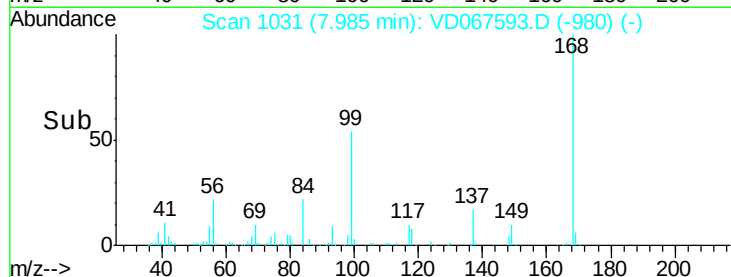
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.903 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067593.D

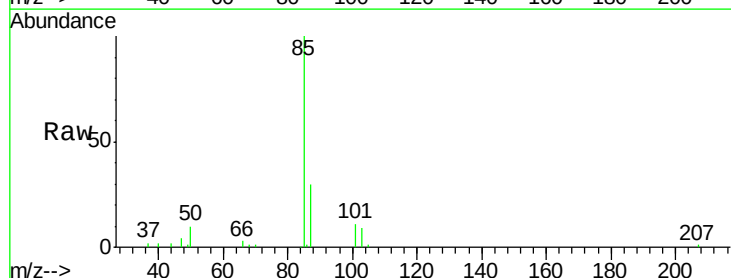
Acq: 11 Nov 2020 11:03

Tgt Ion: 85 Resp: 59072

Ion Ratio Lower Upper

85 100

87 29.6 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

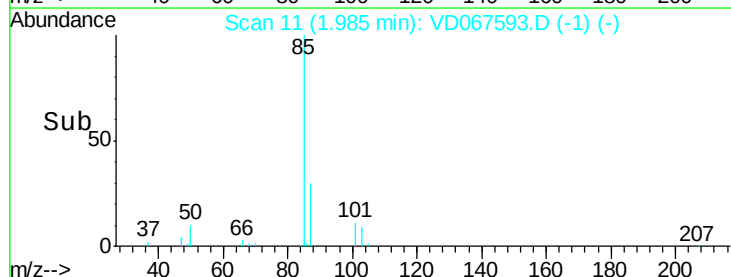
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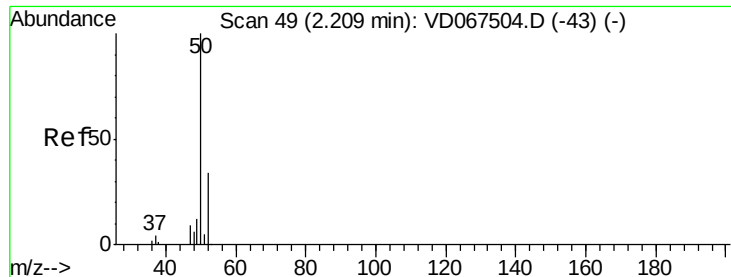
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.170 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 50 Resp: 35617

Ion Ratio Lower Upper

50 100

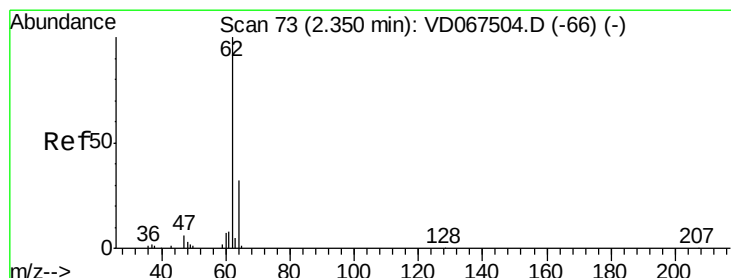
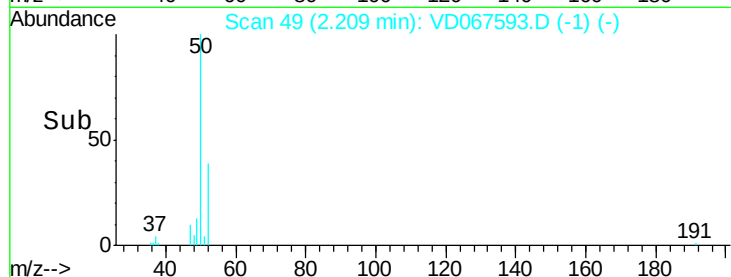
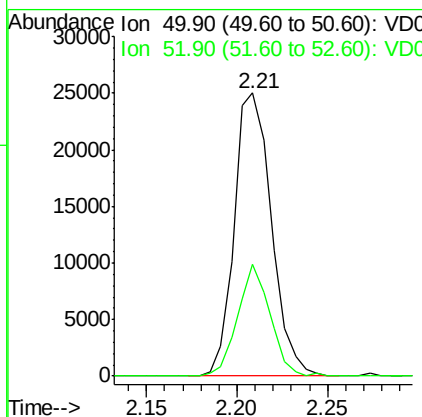
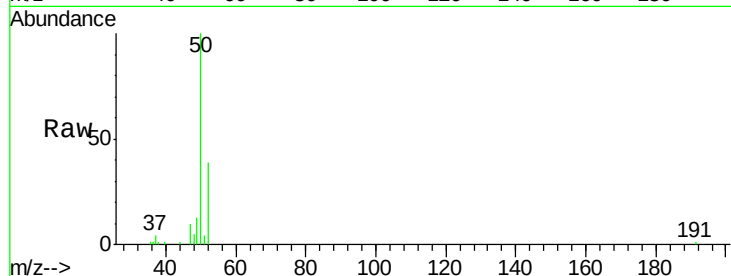
52 39.4 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.421 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067593.D

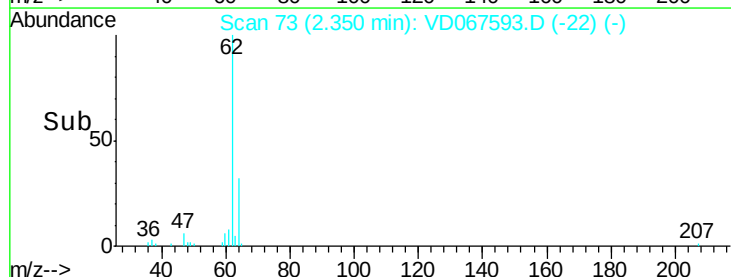
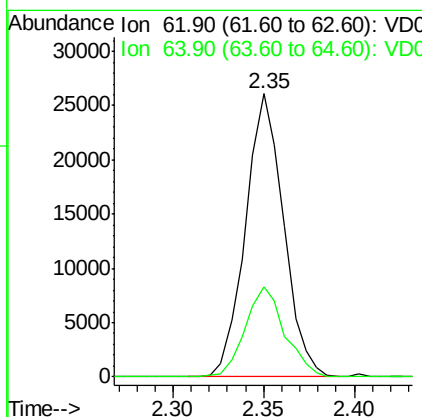
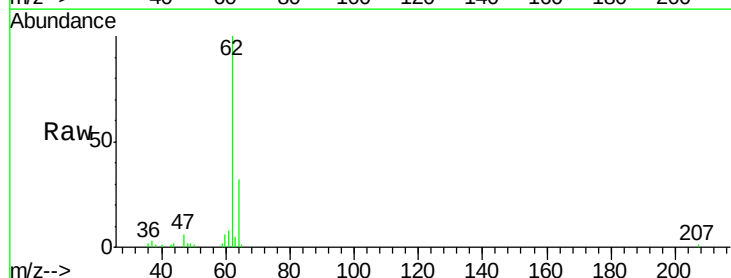
Acq: 11 Nov 2020 11:03

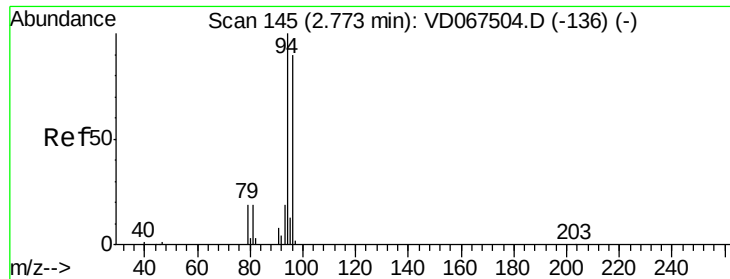
Tgt Ion: 62 Resp: 38158

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 18.782 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 94 Resp: 31535

Ion Ratio Lower Upper

94 100

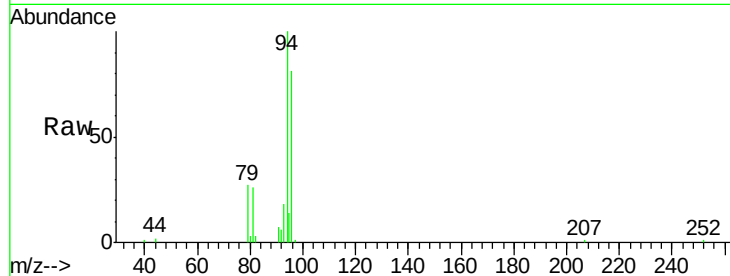
96 81.0 72.2 108.2

Manual Integrations

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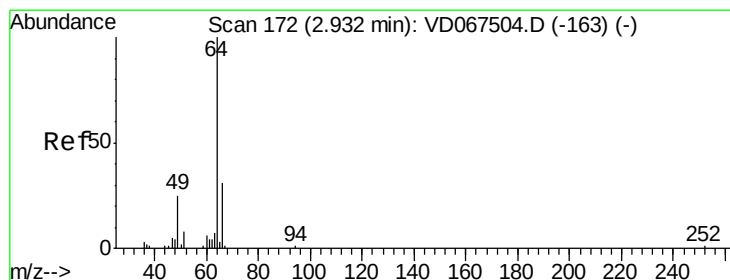
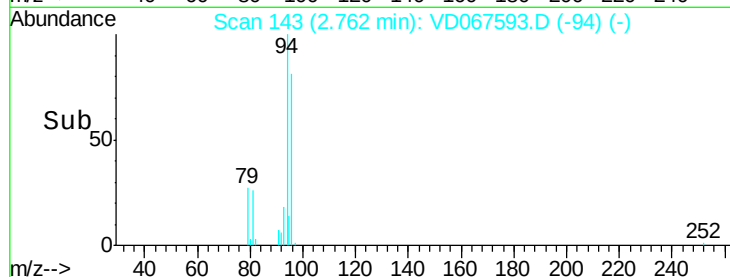
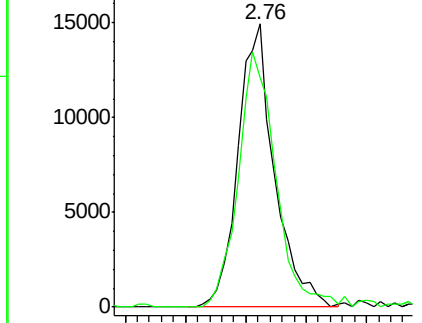
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.893 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067593.D

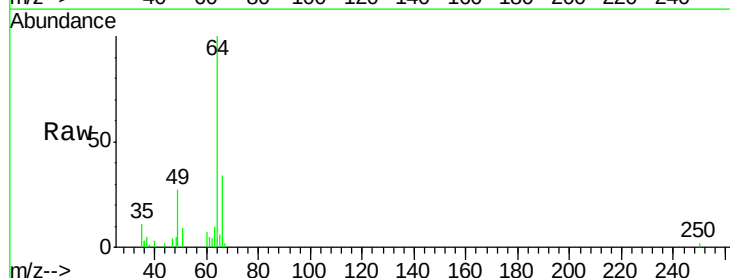
Acq: 11 Nov 2020 11:03

Tgt Ion: 64 Resp: 24128

Ion Ratio Lower Upper

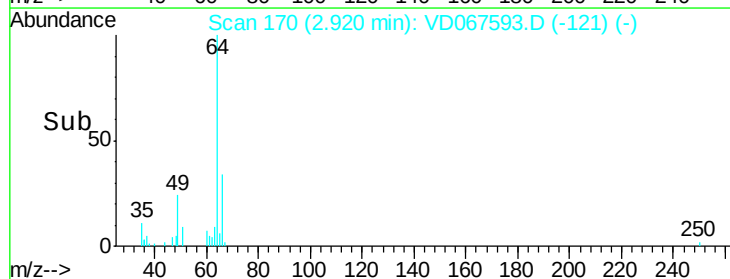
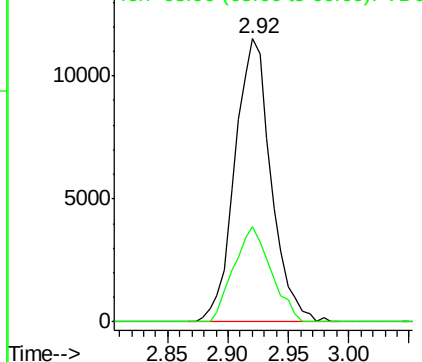
64 100

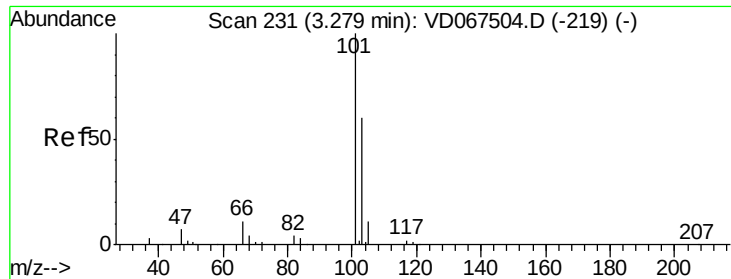
66 33.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

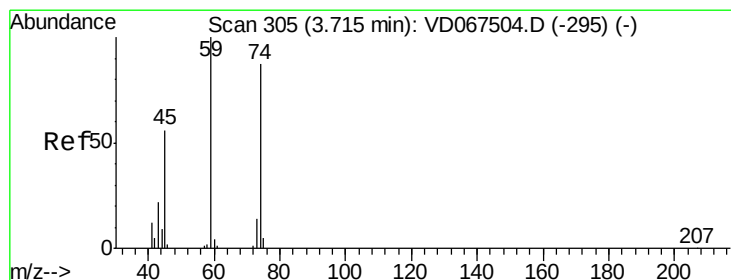
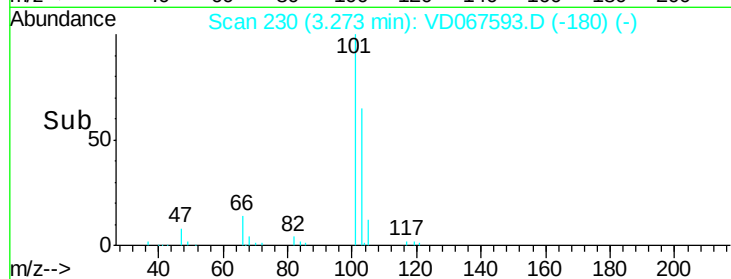
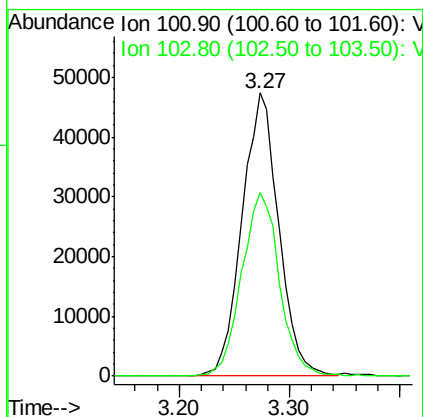
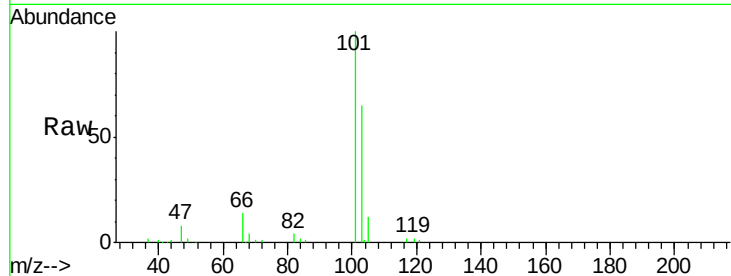
Trichlorofluoromethane
 Concen: 20.623 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

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 VD1111SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	48.1	72.1

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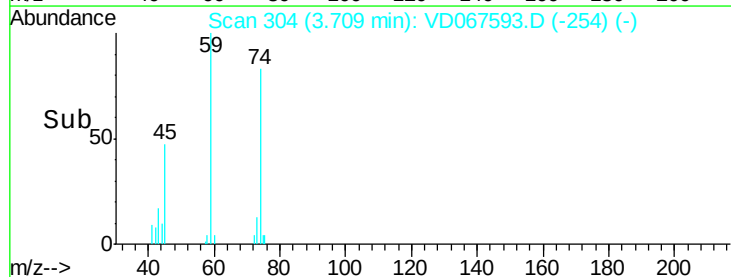
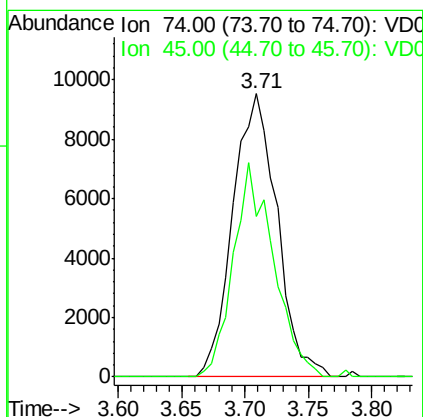
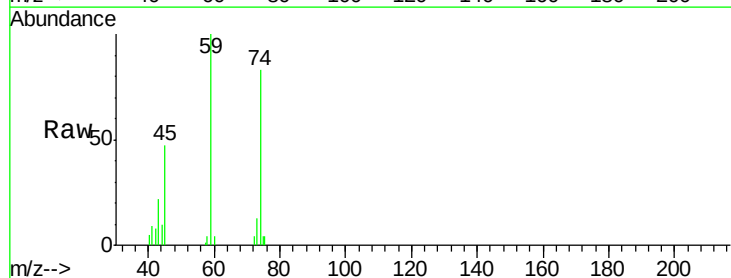
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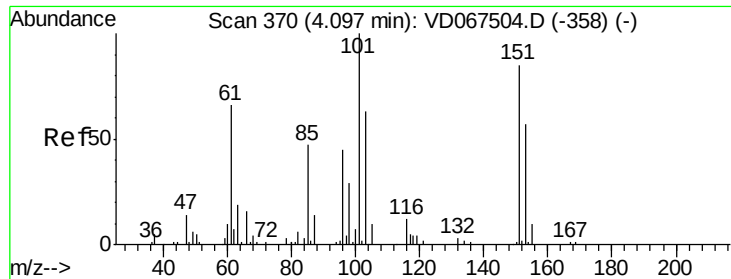


#8

Diethyl Ether
 Concen: 21.258 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	68.9	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.400 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

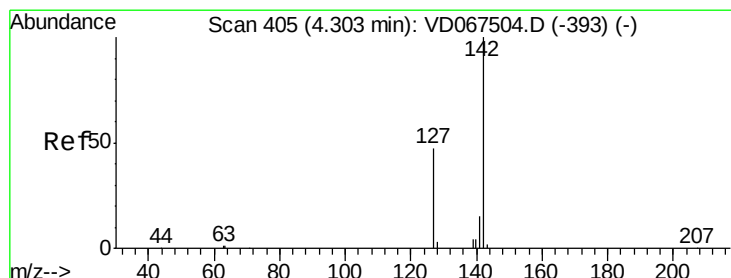
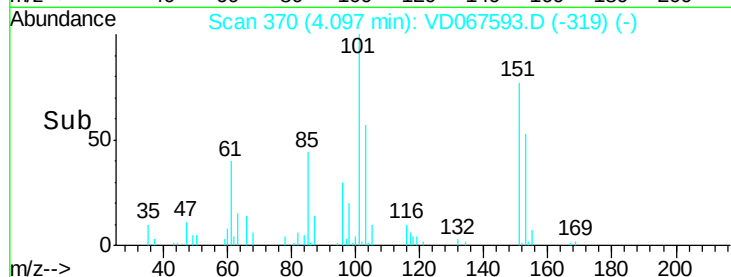
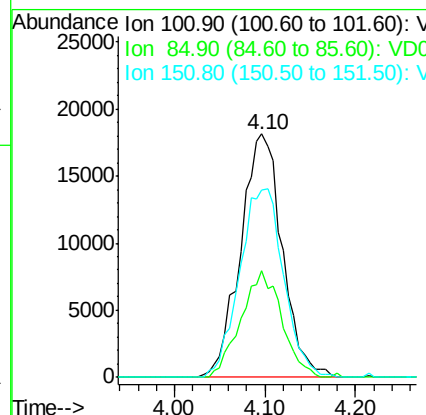
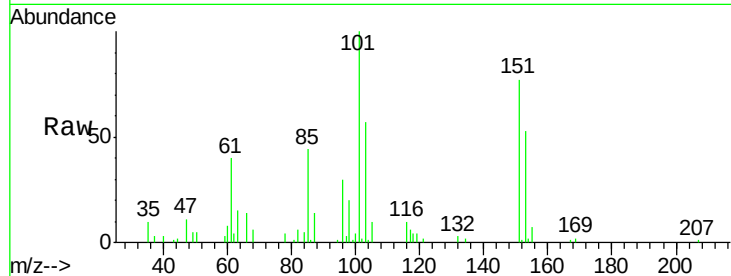
ClientSampleId :

VD1111SBS01

Tot Ion:	101	Resp:	57938
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	82.1	68.1	102.1

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#10

Methyl Iodide

Concen: 17.611 ug/l

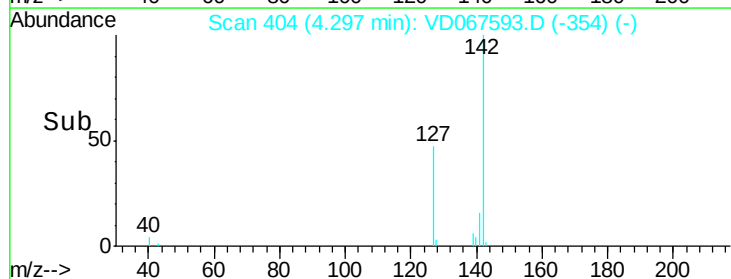
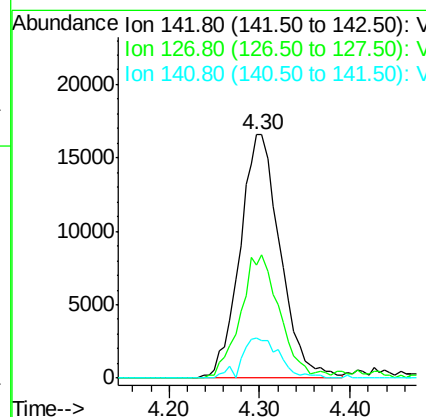
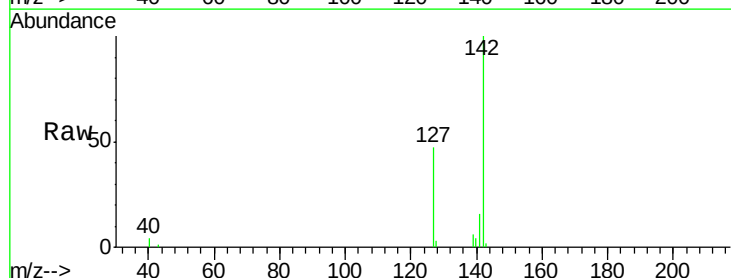
RT: 4.30 min Scan# 404

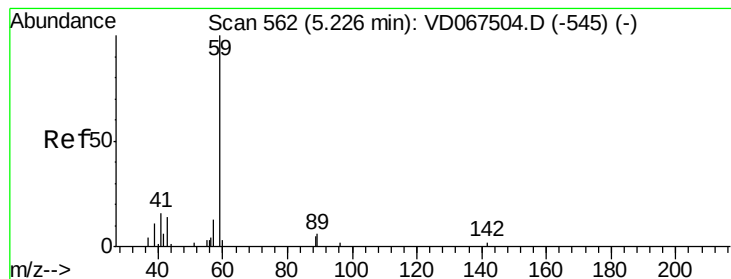
Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	142	Resp:	51103
Ion Ratio	Lower	Upper	
142	100		
127	48.9	40.0	60.0
141	15.6	11.7	17.5





#11

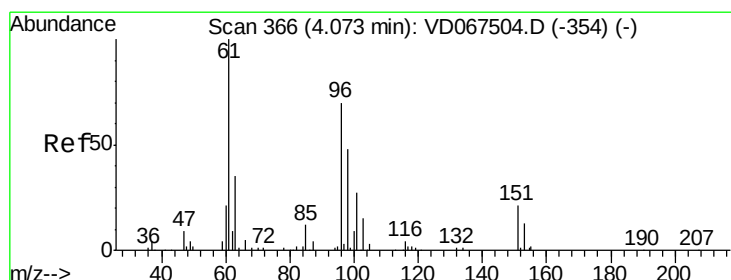
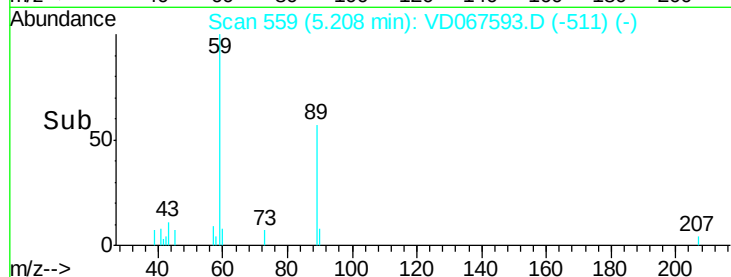
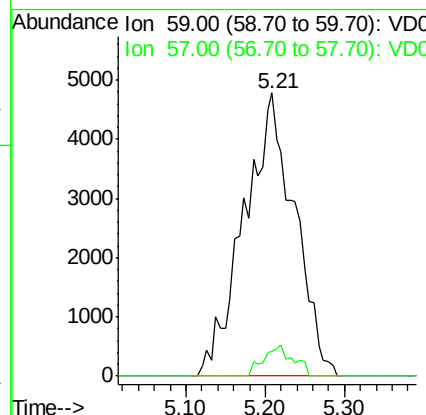
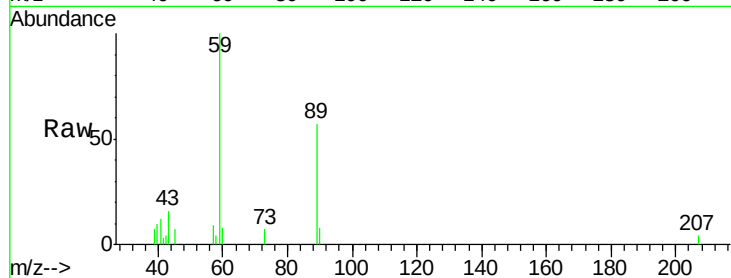
Tert butyl alcohol
Concen: 182.266 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	5.9	8.9

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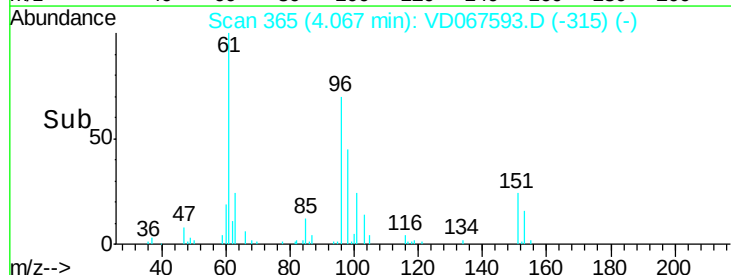
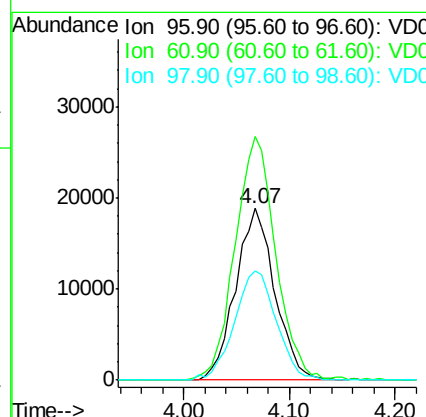
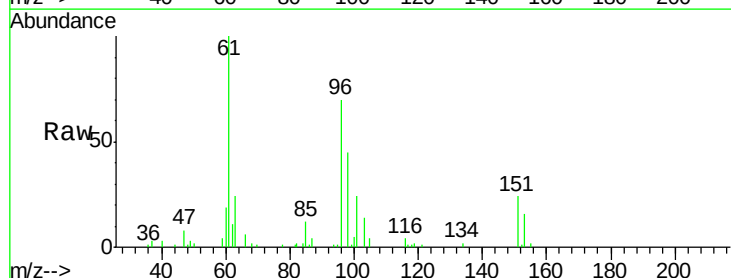
MMDadoda
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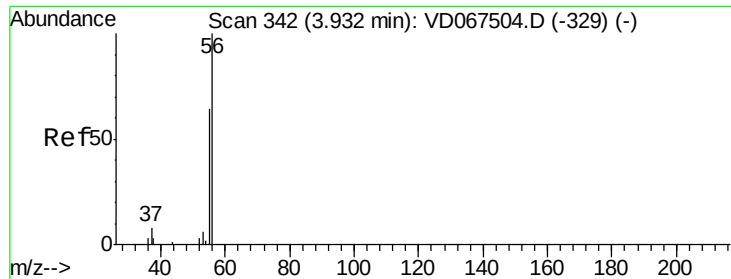


#12

1,1-Dichloroethene
Concen: 19.506 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.8	114.5	171.7
98	63.7	54.5	81.7





#13

Acrolein

Concen: 72.852 ug/l

RT: 3.94 min Scan# 344

Delta R.T. 0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 56 Resp: 5812

Ion Ratio Lower Upper

56 100

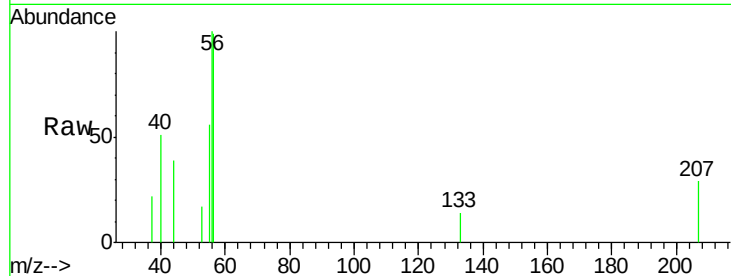
55 65.1 55.8 83.8

Manual Integrations

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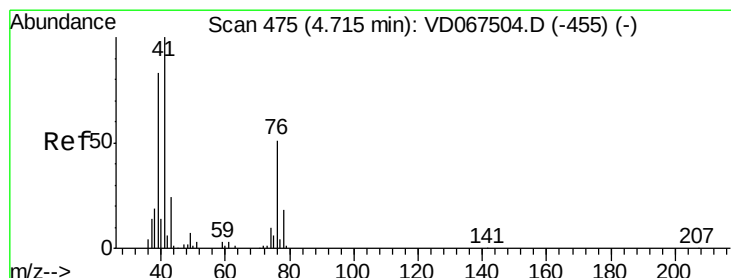
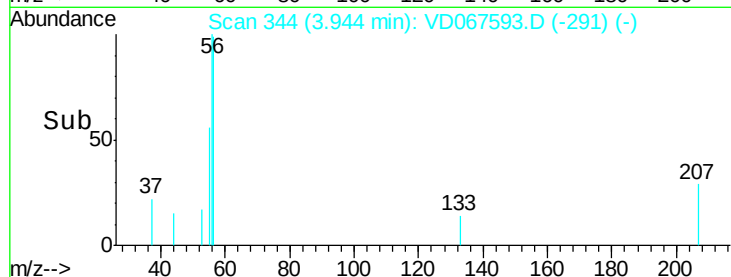
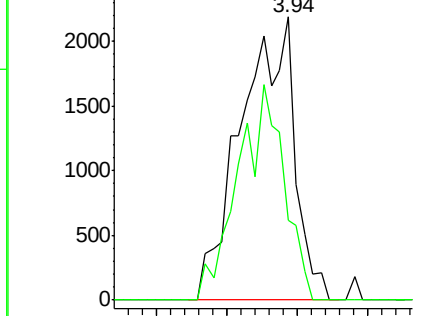
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.701 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

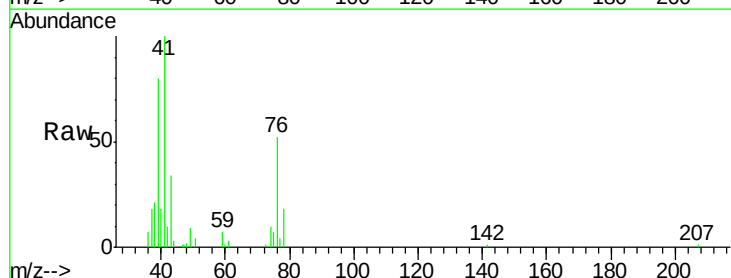
Tgt Ion: 41 Resp: 49843

Ion Ratio Lower Upper

41 100

39 86.1 67.4 101.0

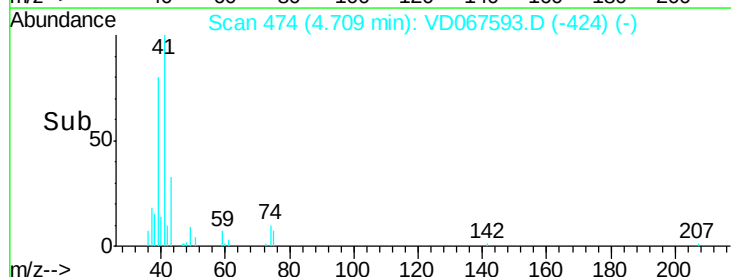
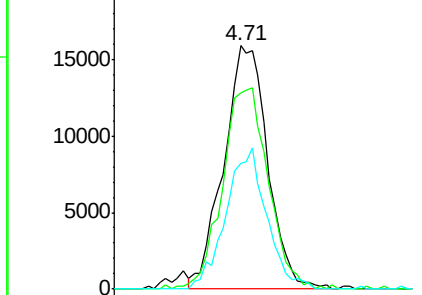
76 53.7 42.2 63.2

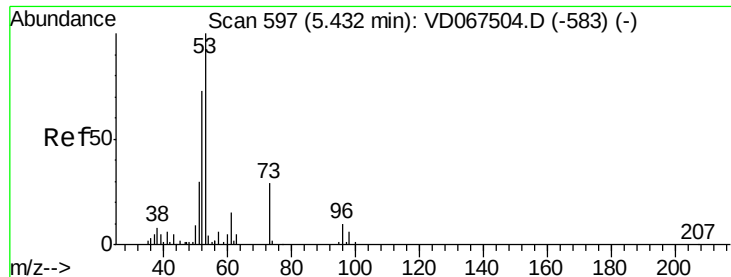


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 107.983 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

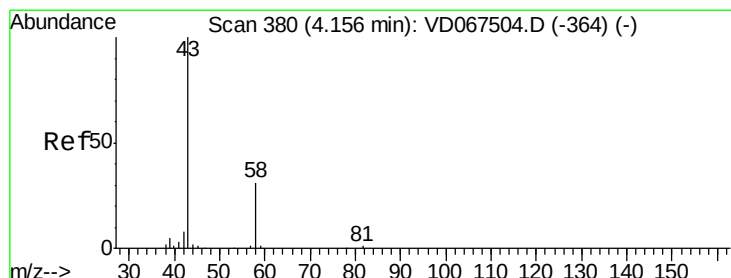
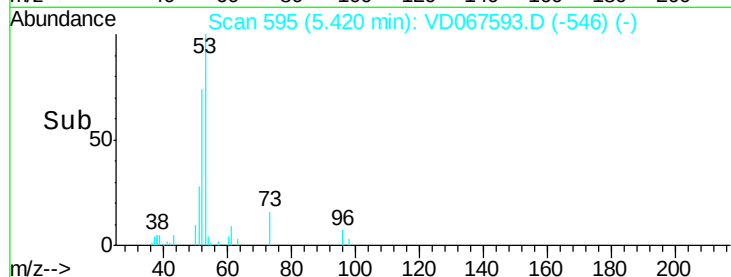
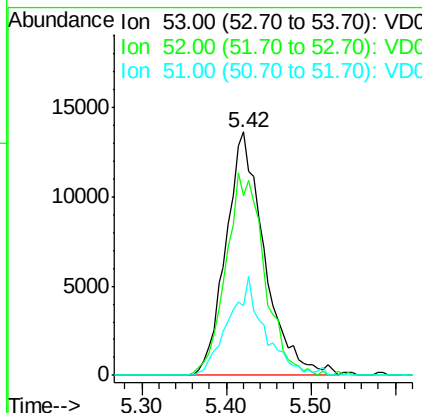
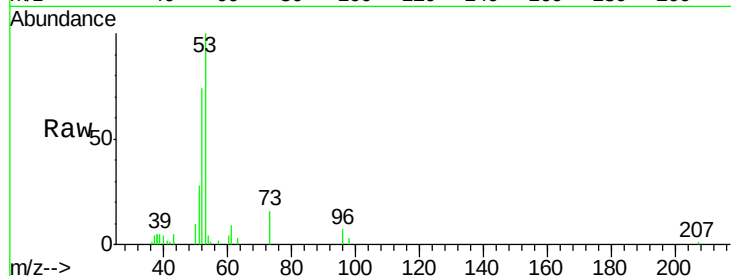
ClientSampleId :

VD1111SBS01

Tot Ion:	53	Resp:	43140
Ion Ratio	Lower	Upper	
53	100		
52	82.3	64.8	97.2
51	37.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 92.014 ug/l

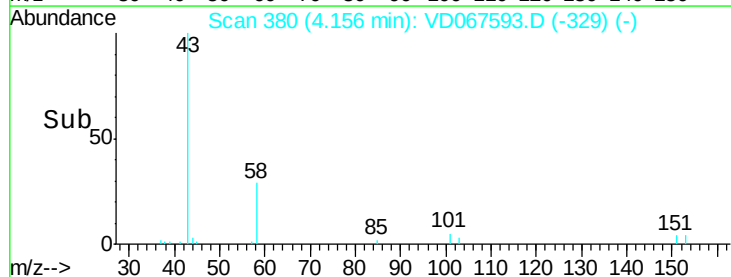
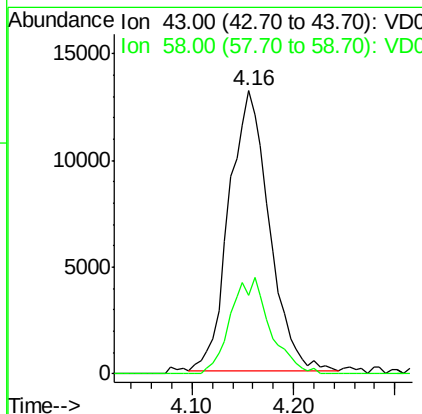
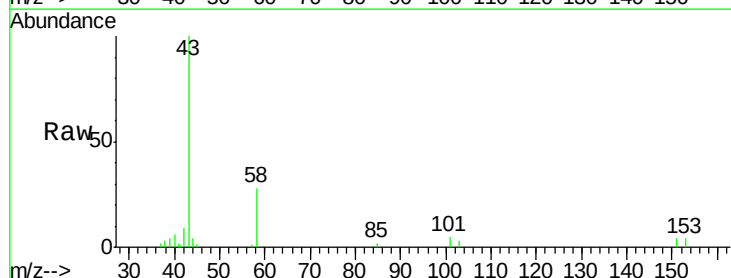
RT: 4.16 min Scan# 380

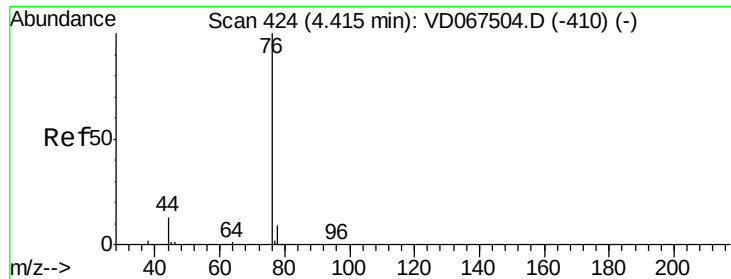
Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	43	Resp:	35923
Ion Ratio	Lower	Upper	
43	100		
58	27.9	25.2	37.8





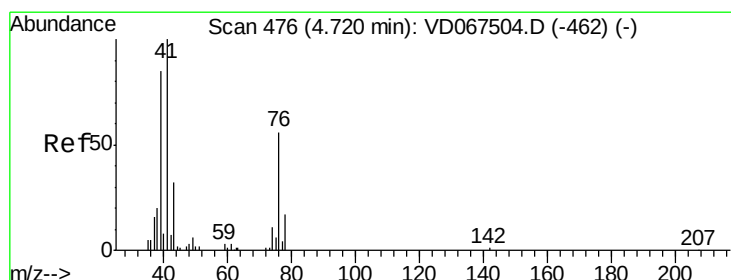
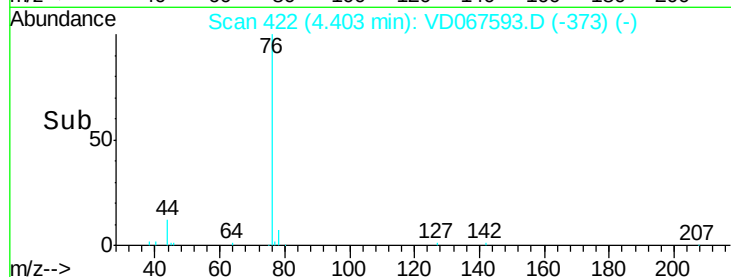
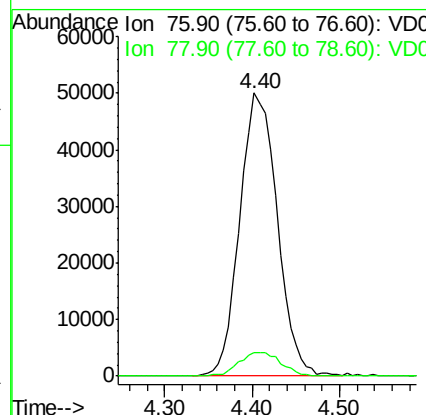
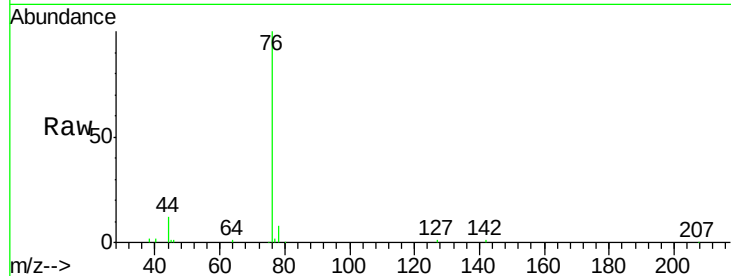
#17
Carbon Disulfide
Concen: 19.146 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.2	10.8

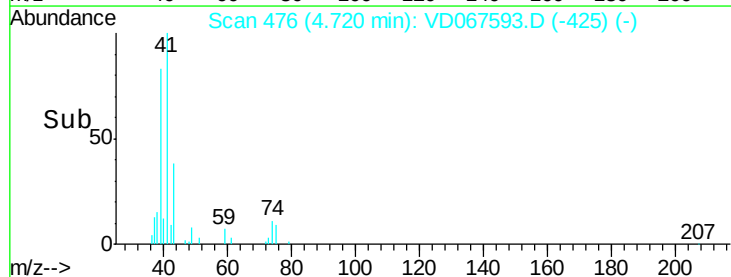
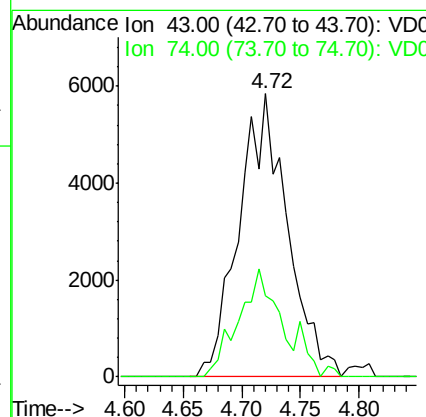
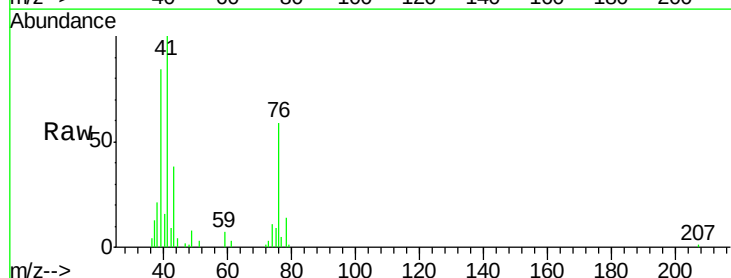
Manual Integrations
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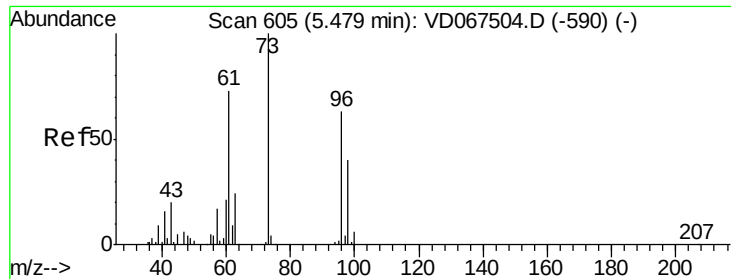
MMDadoda
11/12/2020 1:11:37 PM



#18
Methyl Acetate
Concen: 20.832 ug/l m
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.8	27.2	40.8





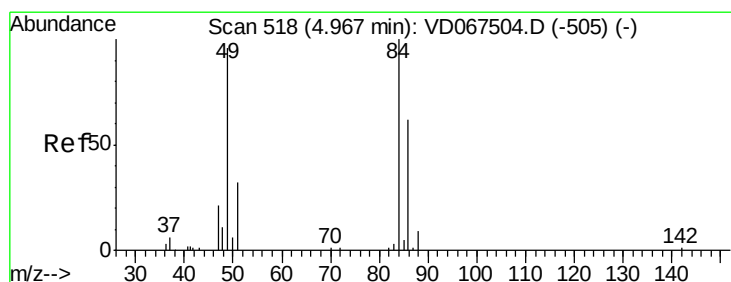
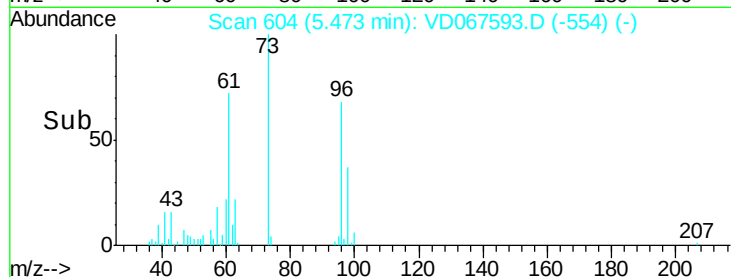
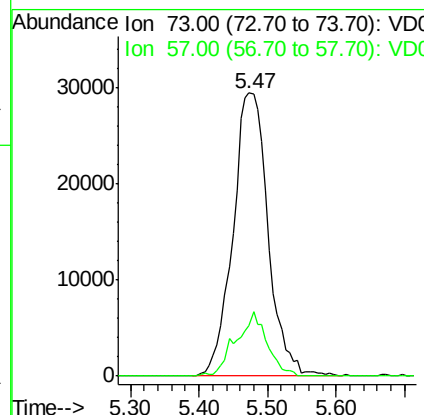
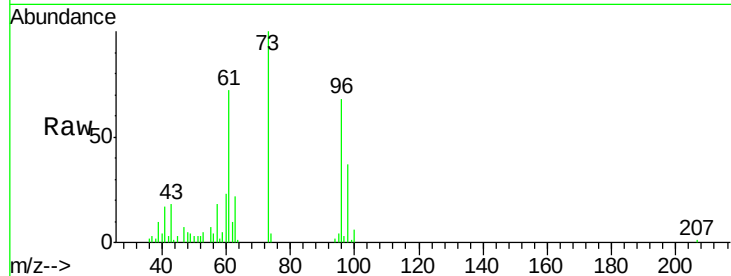
#19
Methyl tert-butyl Ether
Concen: 21.307 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 73 Resp: 104666
Ion Ratio Lower Upper
73 100
57 17.8 13.4 20.0

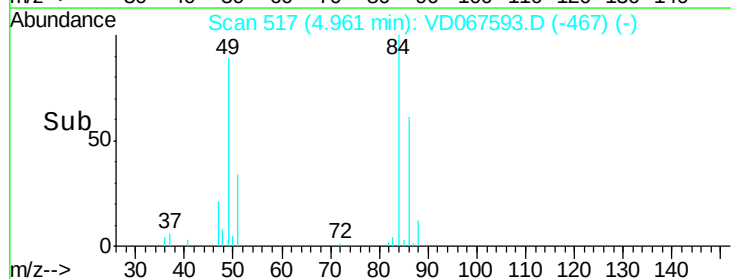
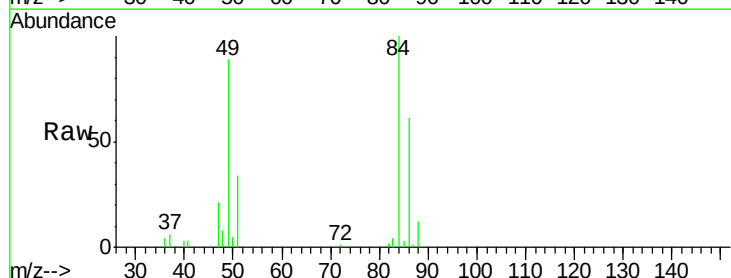
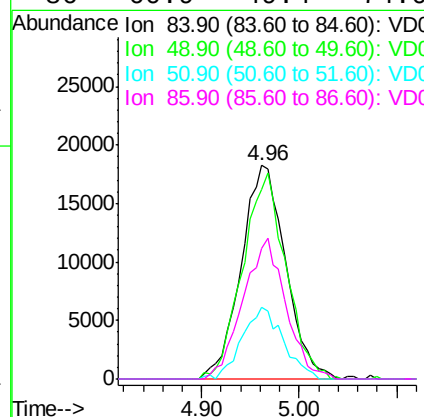
Manual Integrations
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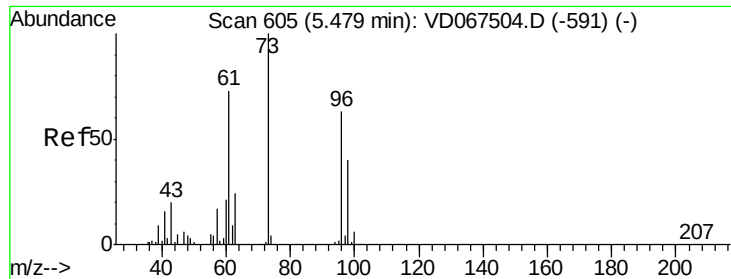
MMDadoda
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#20
Methylene Chloride
Concen: 21.034 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 84 Resp: 58007
Ion Ratio Lower Upper
84 100
49 88.9 77.0 115.4
51 33.7 25.4 38.2
86 60.9 49.4 74.0





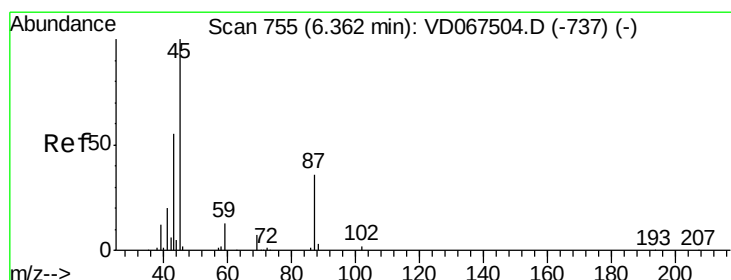
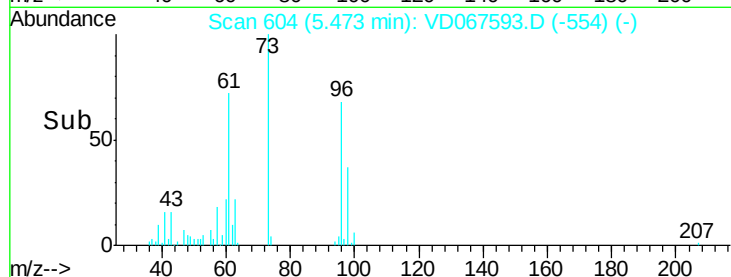
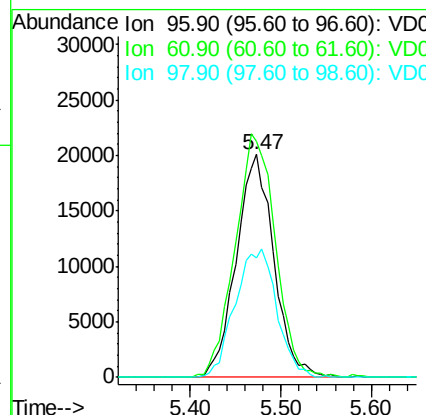
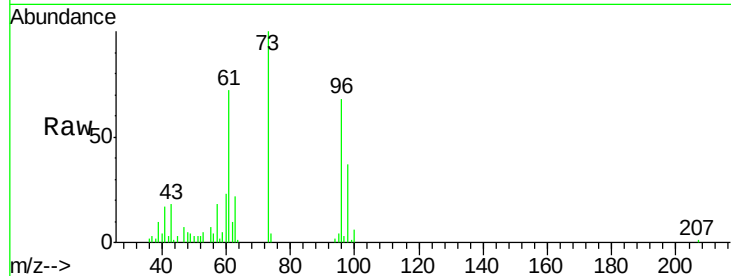
#21
trans-1,2-Dichloroethene
Concen: 19.929 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	105.7	93.0	139.6
98	53.4	50.9	76.3

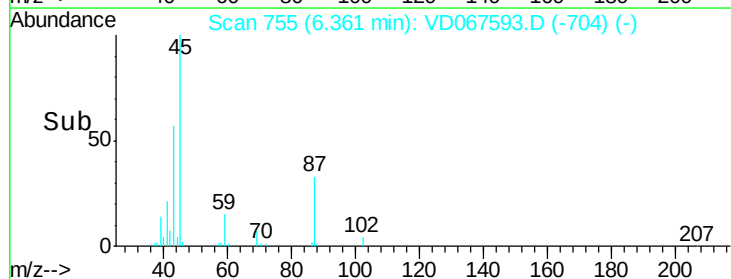
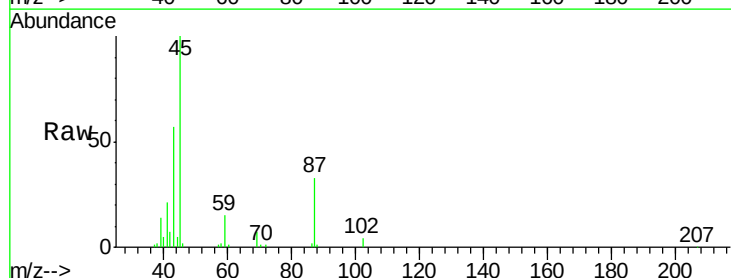
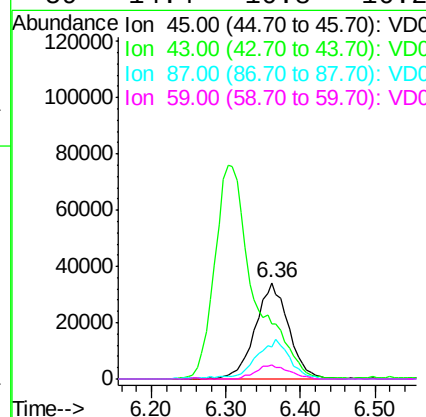
Manual Integrations
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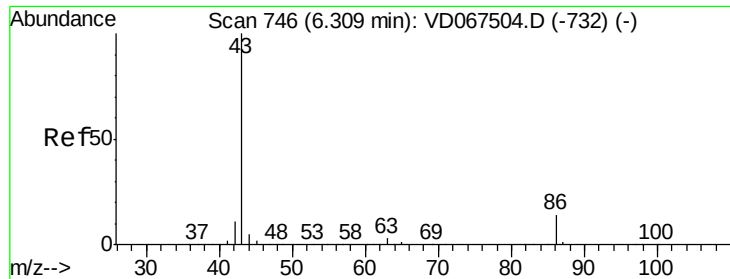
MMDadoda
11/12/2020 1:11:37 PM



#22
Diisopropyl ether
Concen: 20.364 ug/l
RT: 6.36 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	46.2	69.4
87	32.9	29.4	44.2
59	14.4	10.8	16.2





#23

Vinyl Acetate

Concen: 102.975 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 43 Resp: 279962

Ion Ratio Lower Upper

43 100

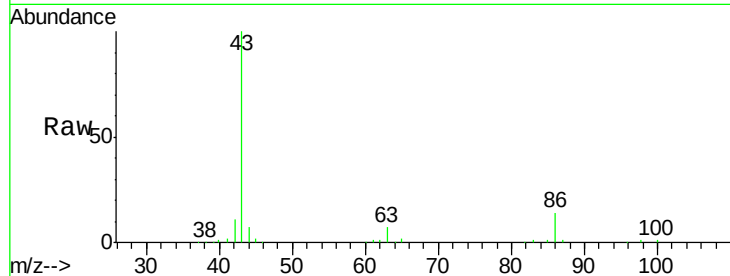
86 13.9 11.6 17.4

Manual Integrations

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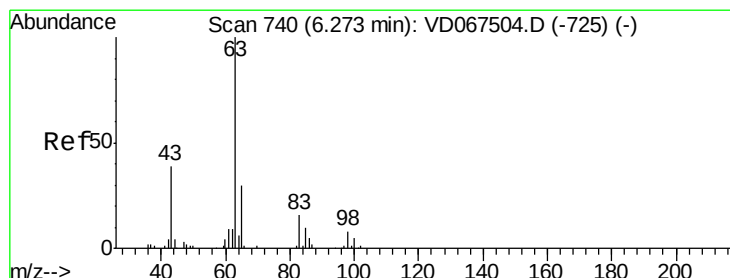
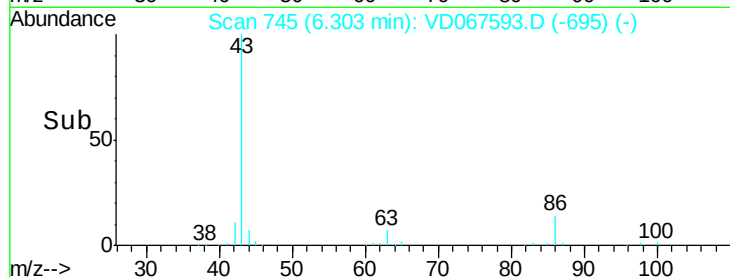
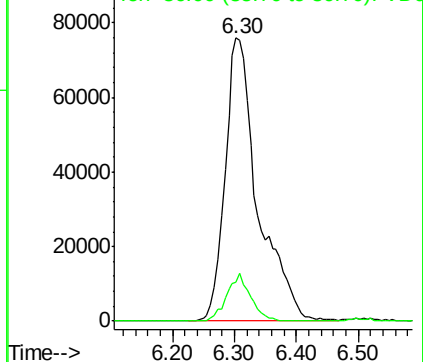
MMDadoda

11/12/2020 1:11:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.974 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

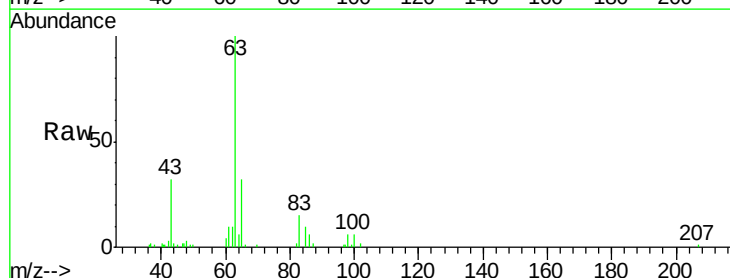
Tgt Ion: 63 Resp: 84872

Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.5

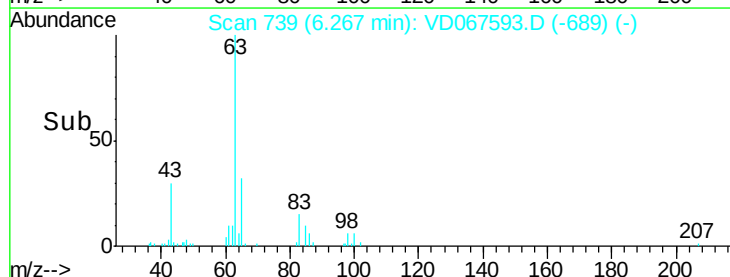
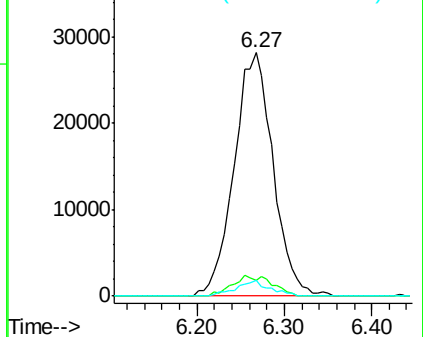
100 6.4 2.6 7.8

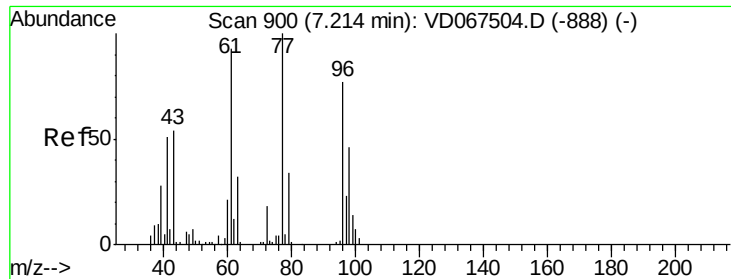


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 105.466 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 43 Resp: 43996

Ion Ratio Lower Upper

43 100

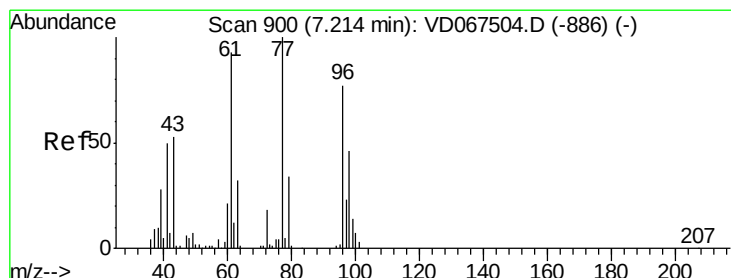
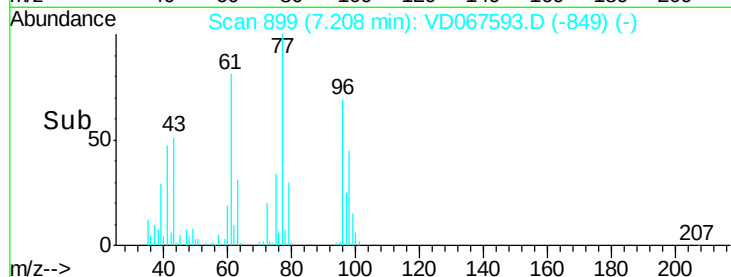
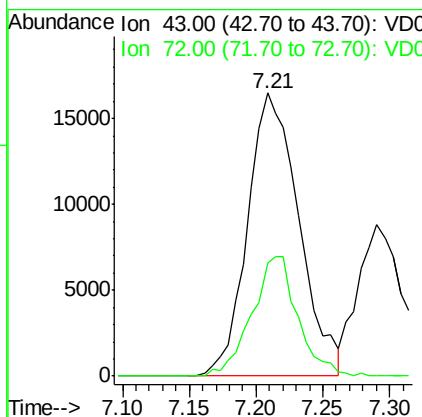
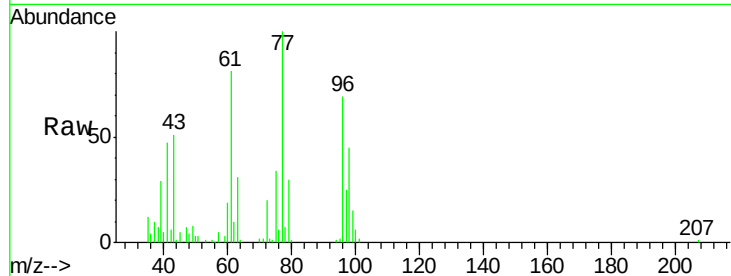
72 39.8 26.4 39.6#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.201 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067593.D

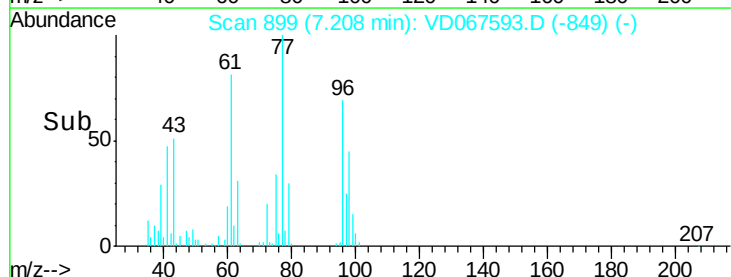
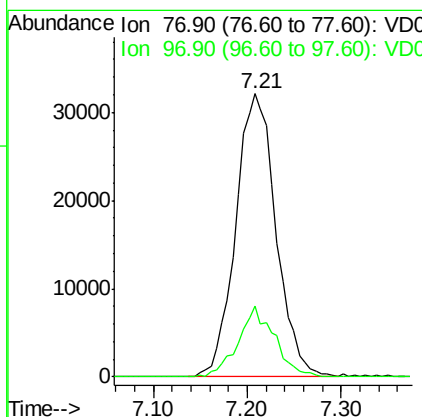
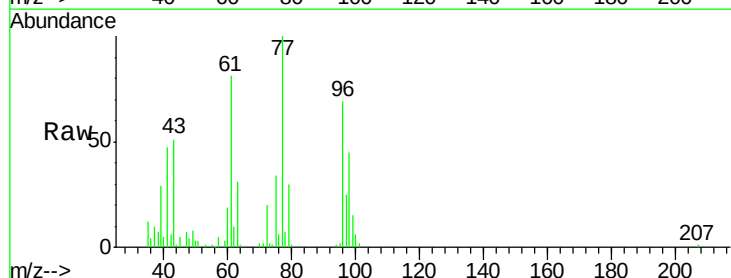
Acq: 11 Nov 2020 11:03

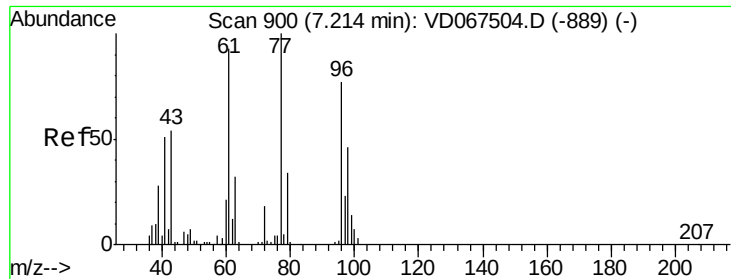
Tgt Ion: 77 Resp: 95074

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

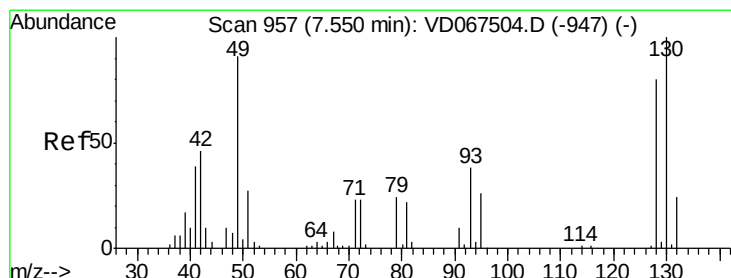
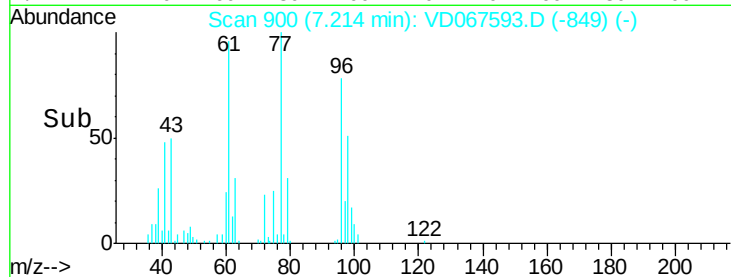
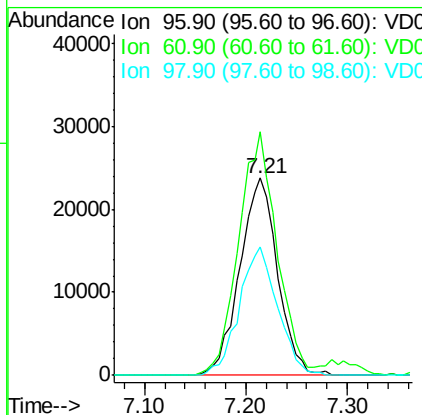
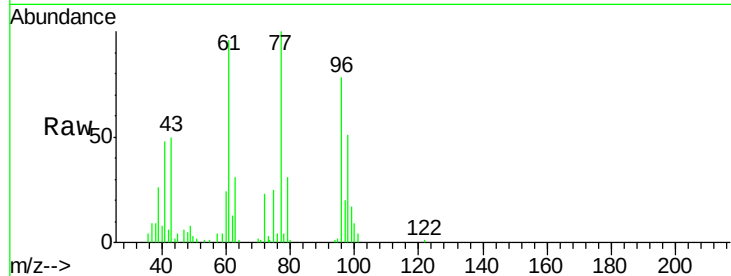
cis-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	251.6
98	66.0	0.0	128.0

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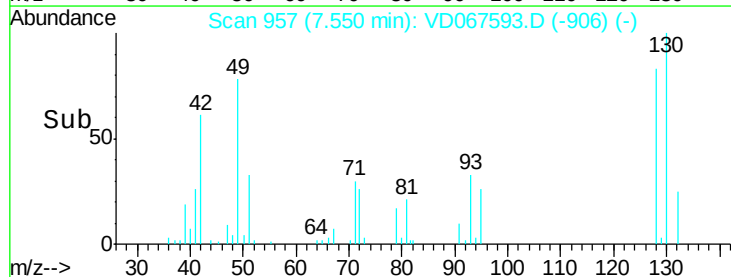
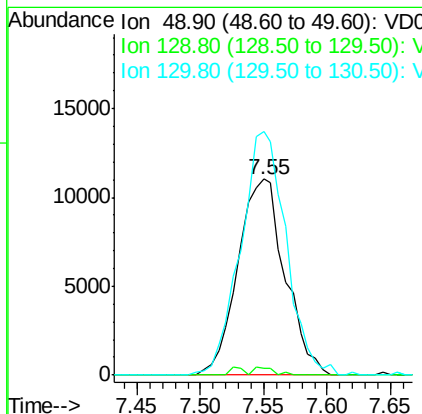
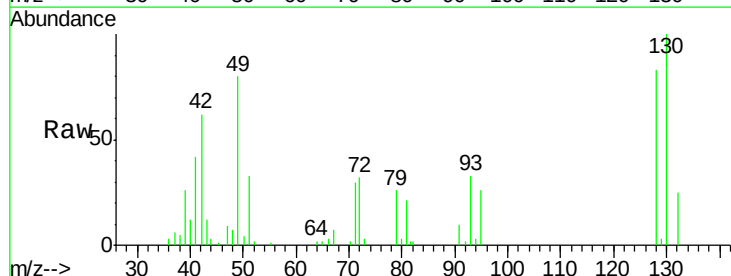
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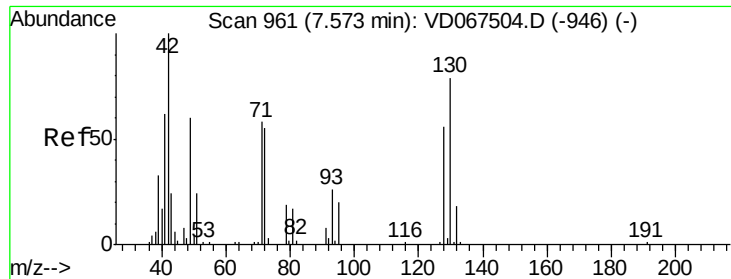


#28

Bromochloromethane
Concen: 18.882 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.4
130	120.0	94.6	142.0





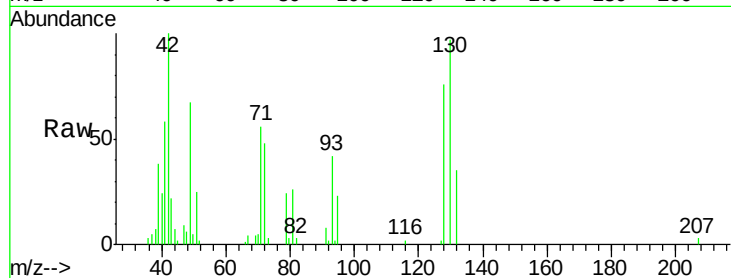
#29
Tetrahydrofuran
Concen: 116.472 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

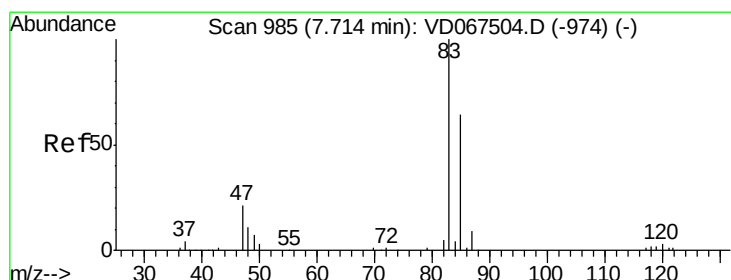
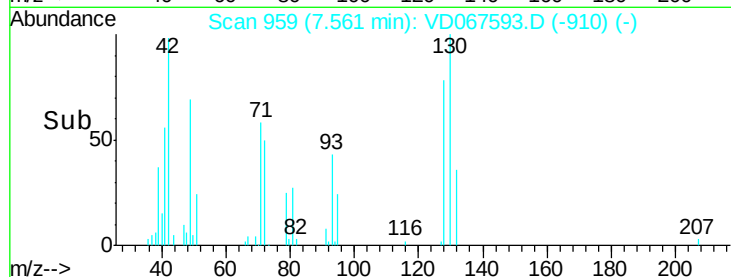
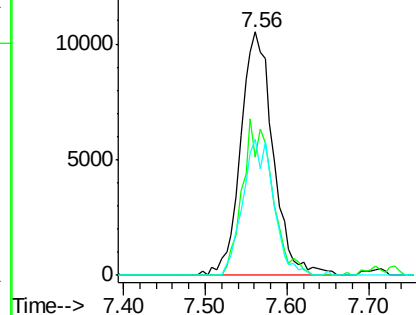
Tot Ion	Ratio	Lower	Upper
42	100		
72	58.4	46.3	69.5
71	52.9	44.0	66.0

Manual Integrations
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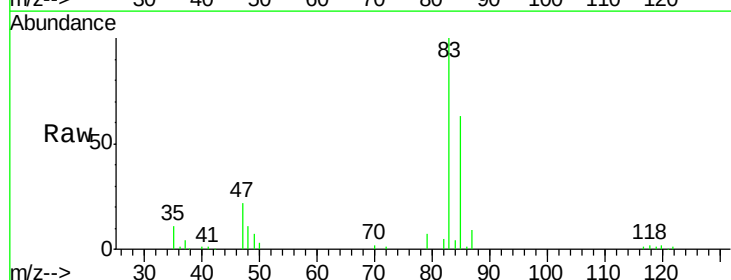


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

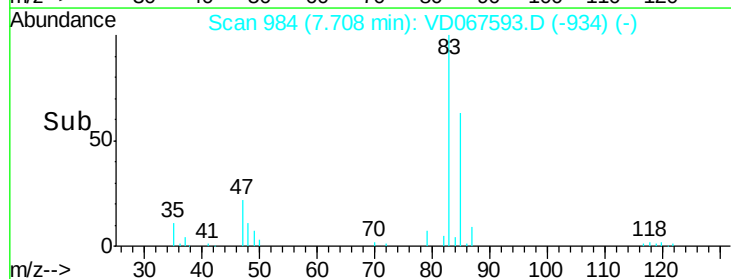
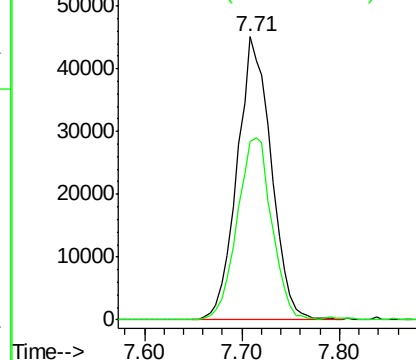


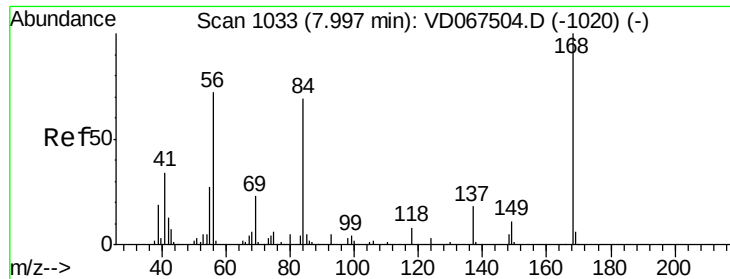
#30
Chloroform
Concen: 21.515 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





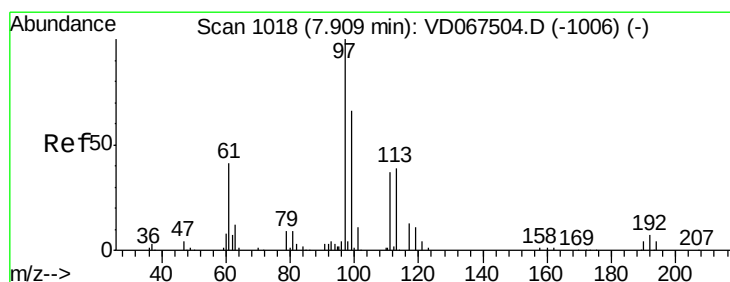
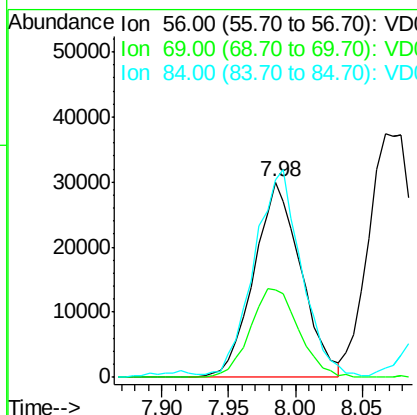
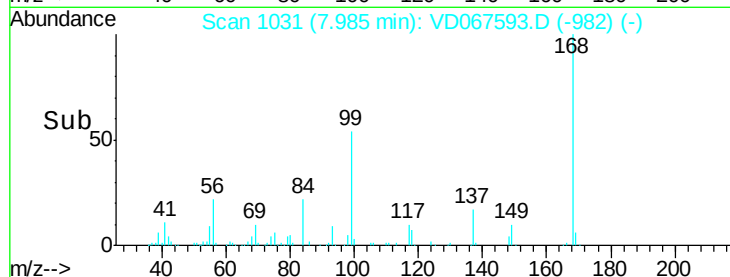
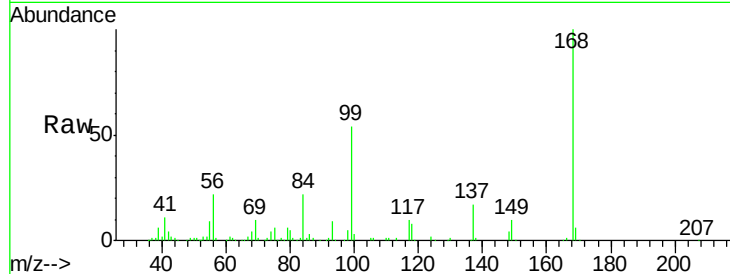
#31
Cyclohexane
Concen: 19.393 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.9	25.9	38.9#
84	99.0	76.2	114.4

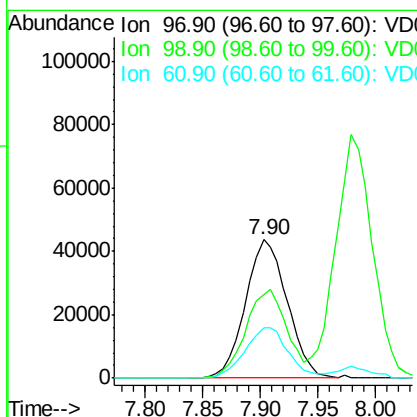
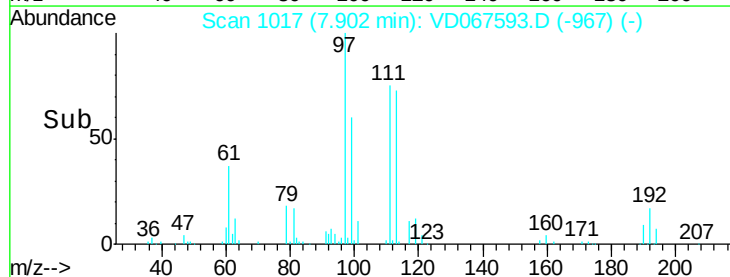
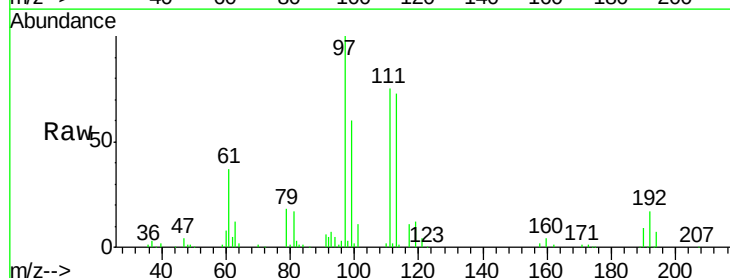
Manual Integrations
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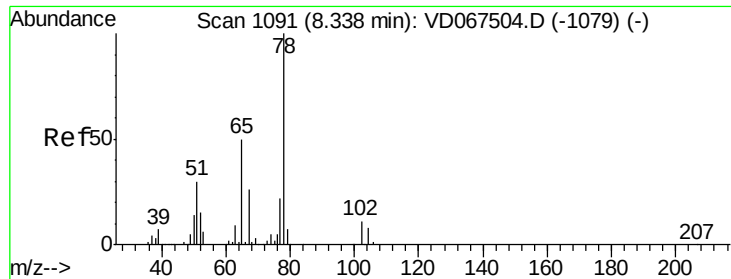
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#32
1,1,1-Trichloroethane
Concen: 21.024 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.8	77.6
61	37.6	30.5	45.7





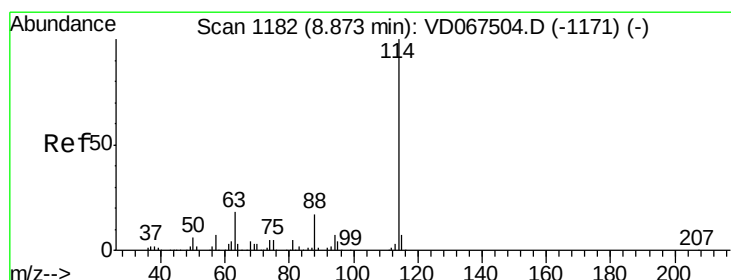
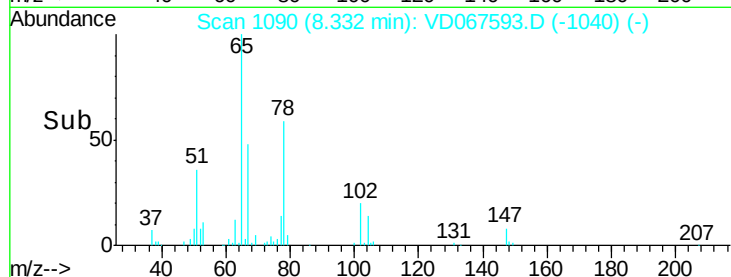
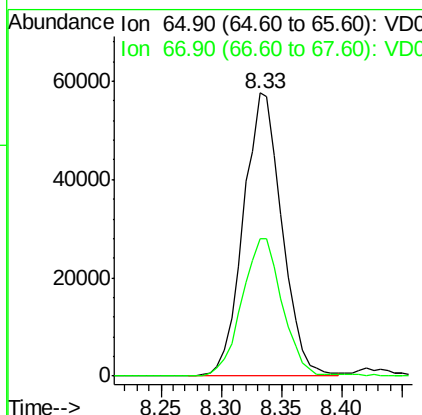
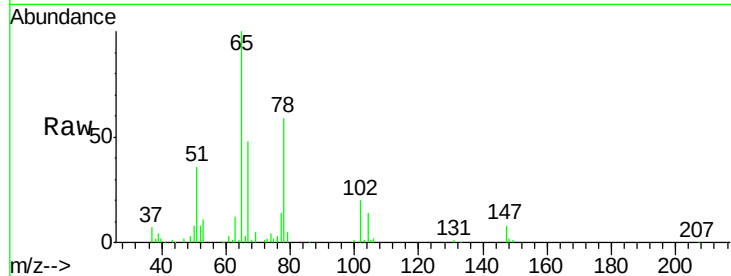
#33
 1,2-Dichloroethane-d4
 Concen: 49.089 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128067		
67	50.4	0.0	99.4	

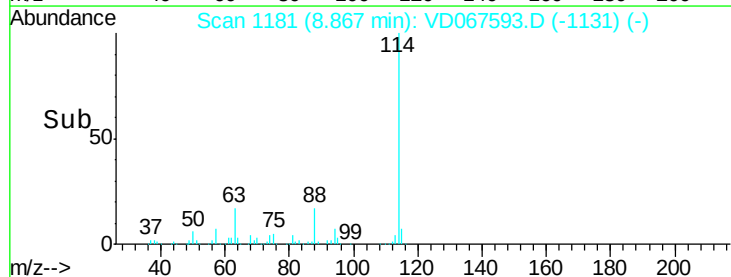
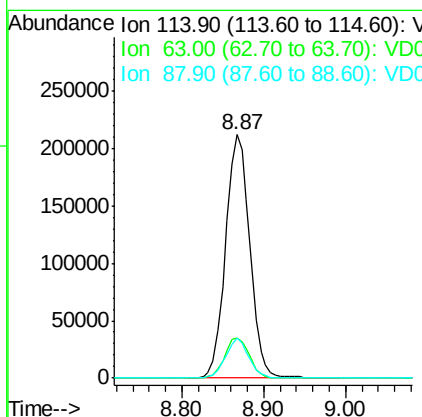
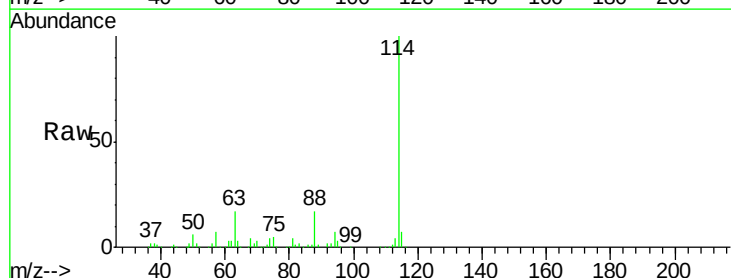
Manual Integrations
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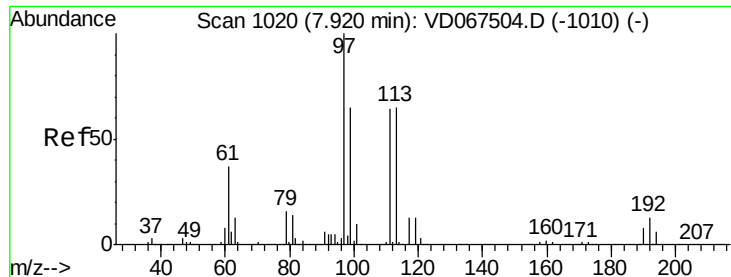
MMDadoda
 11/12/2020 1:11:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436995		
63	16.5	0.0	35.0	
88	16.6	0.0	33.0	





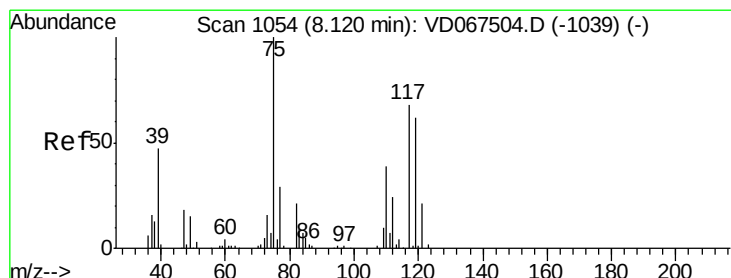
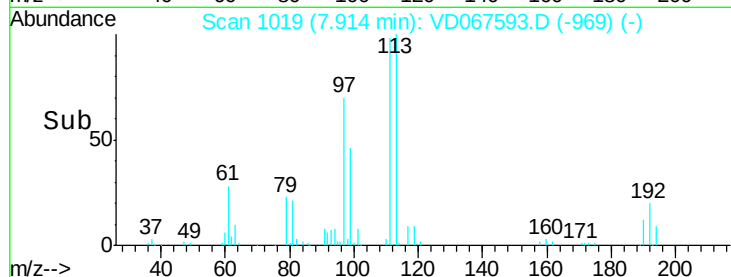
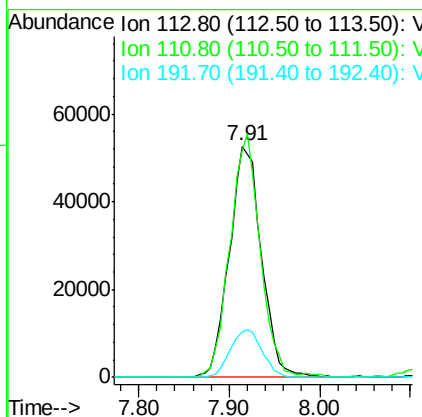
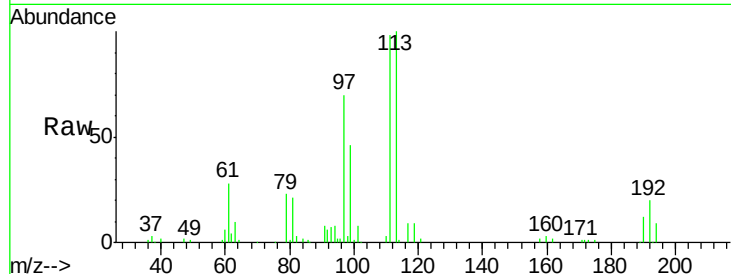
#35
 Dibromofluoromethane
 Concen: 49.265 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129709		
111	99.7	80.0	120.0	
192	20.5	16.3	24.5	

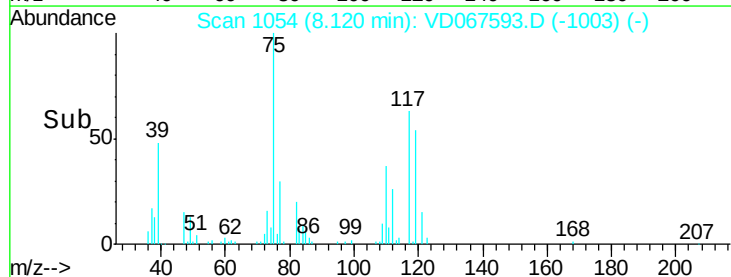
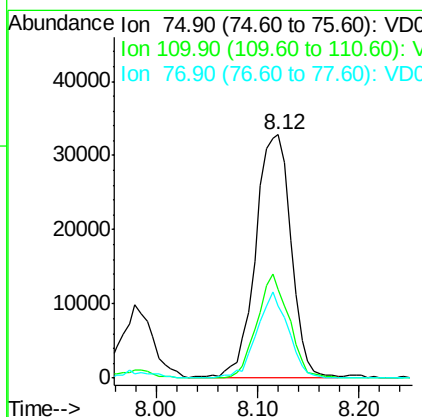
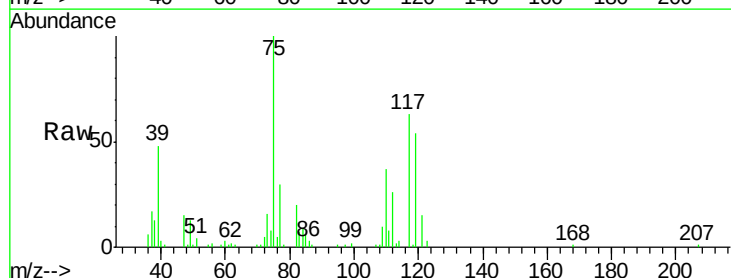
Manual Integrations
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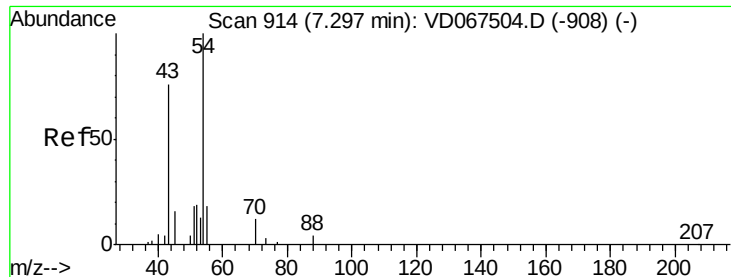
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 11/12/2020 1:11:37 PM



#36
 1,1-Dichloropropene
 Concen: 21.416 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80108		
110	38.3	19.9	59.7	
77	31.3	24.8	37.2	





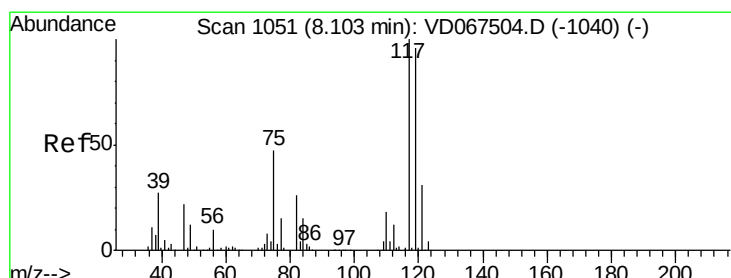
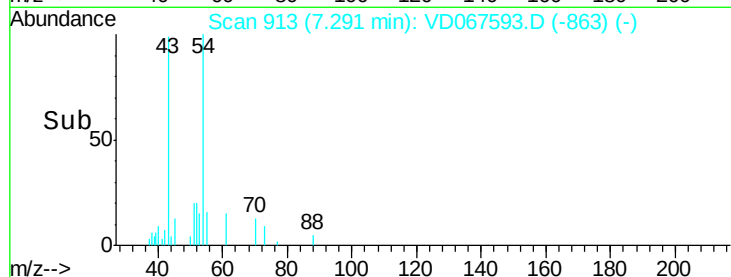
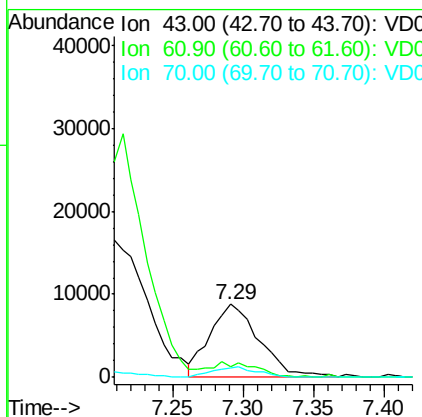
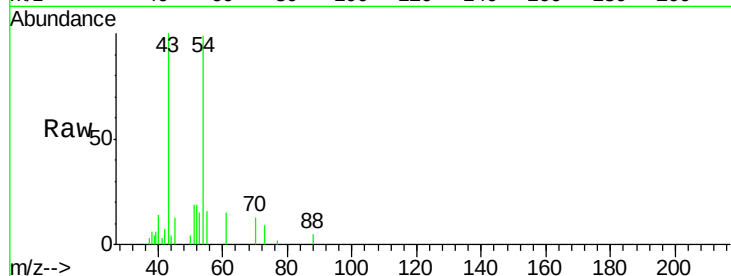
#37
Ethyl Acetate
Concen: 22.172 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	12.8	19.2#
70	12.7	11.7	17.5

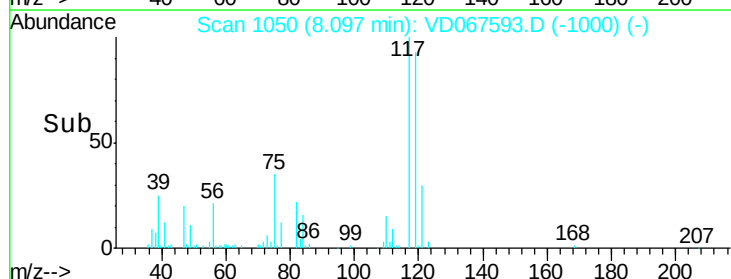
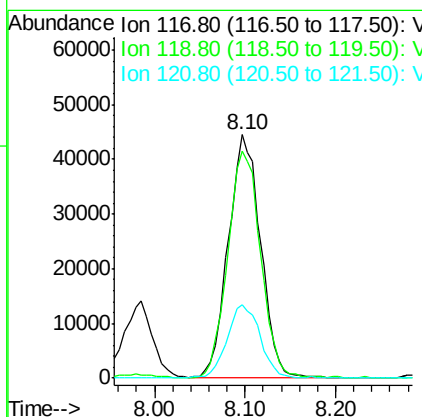
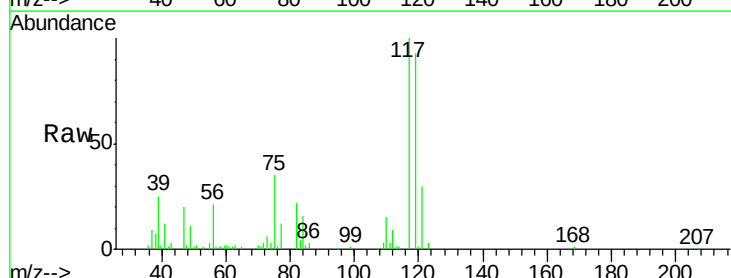
Manual Integrations
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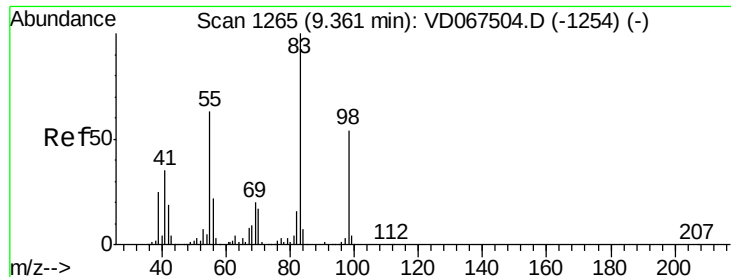
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#38
Carbon Tetrachloride
Concen: 22.716 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
121	30.2	24.5	36.7





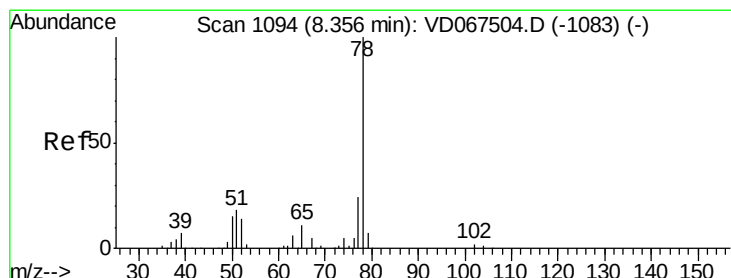
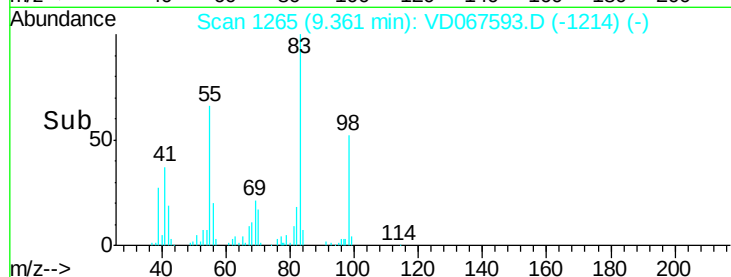
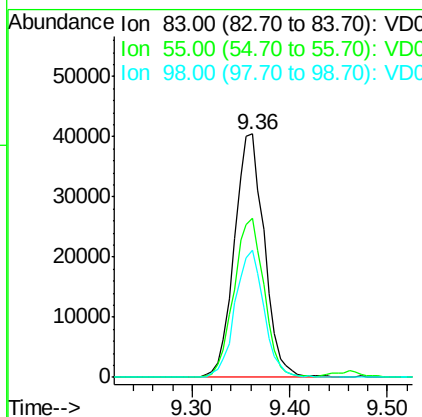
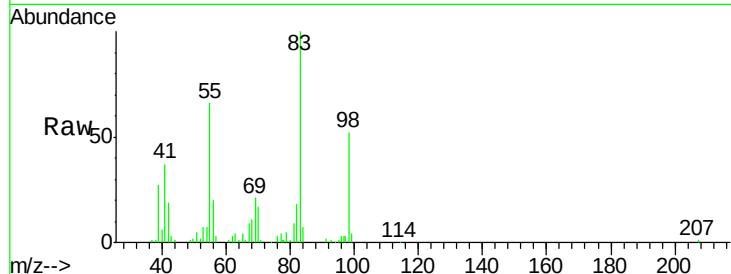
#39
Methylvlcyclohexane
Concen: 19.712 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	83	Resp	86782
Ion Ratio	100	Lower	Upper
83	100		
55	65.6	50.5	75.7
98	52.1	43.4	65.0

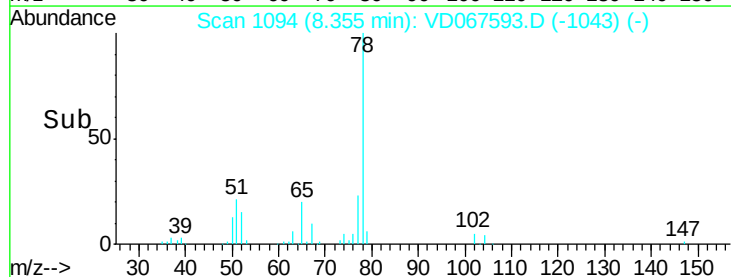
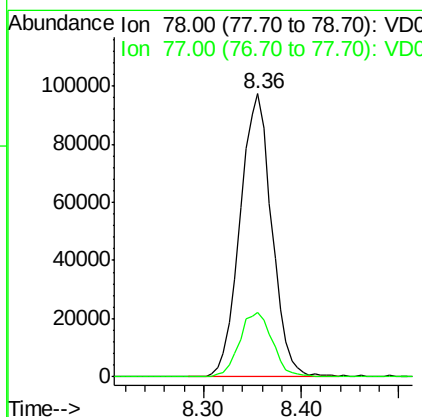
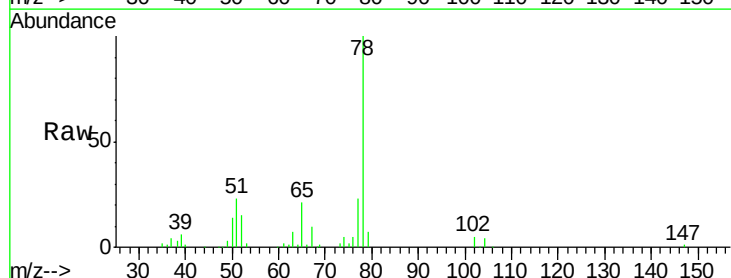
Manual Integrations
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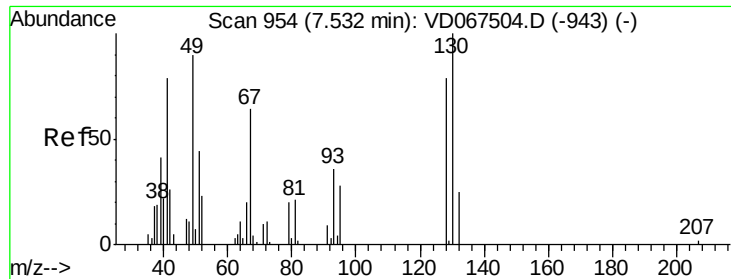
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#40
Benzene
Concen: 21.769 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	78	Resp	220572
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	19.1	28.7





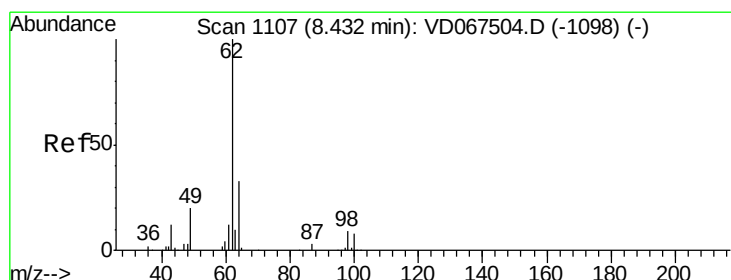
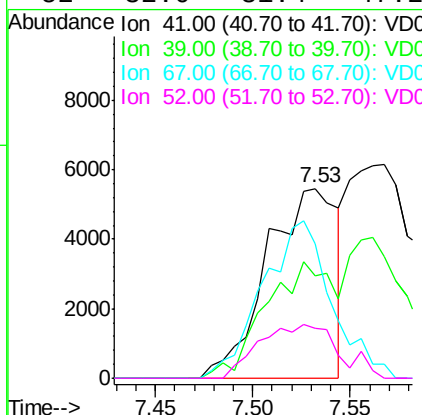
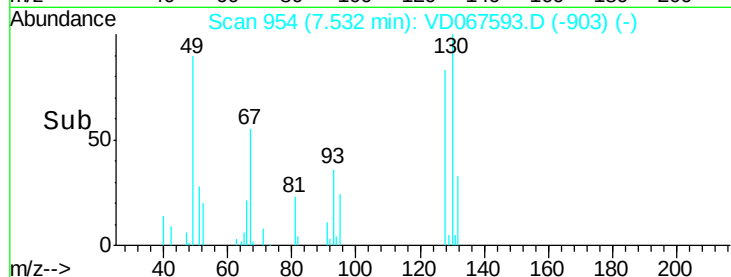
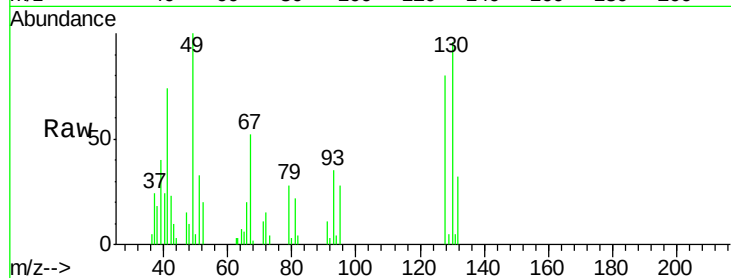
#41
Methacrylonitrile
Concen: 23.518 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	41	Resp	13652
Ion	Ratio	Lower	Upper
41	100		
39	59.1	51.3	76.9
67	81.0	78.9	118.3
52	32.0	31.4	47.2

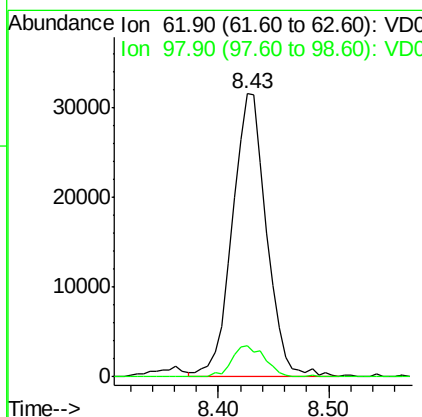
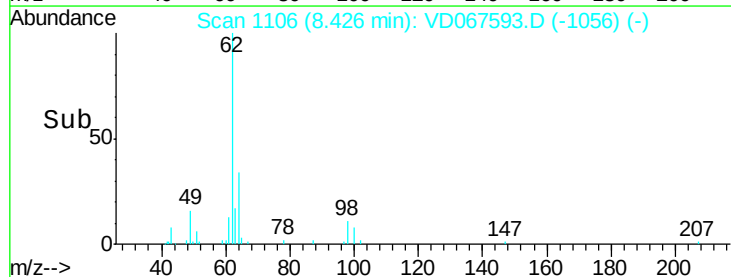
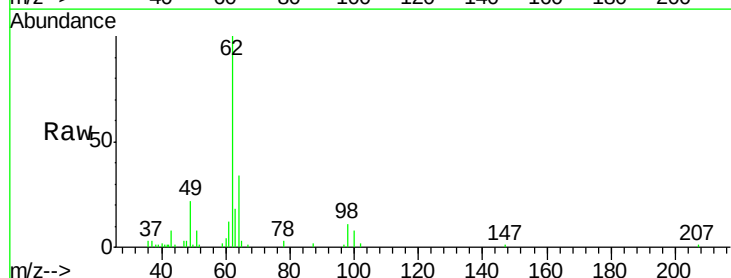
Manual Integrations
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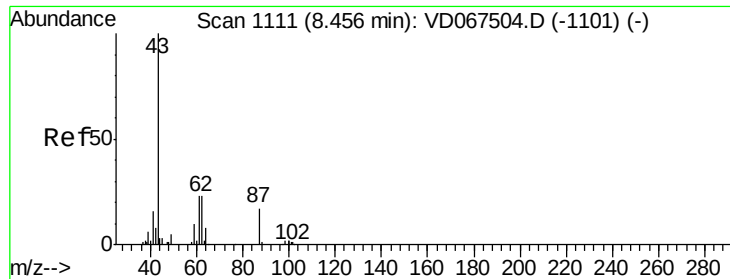
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.927 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	62	Resp	68643
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 23.065 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

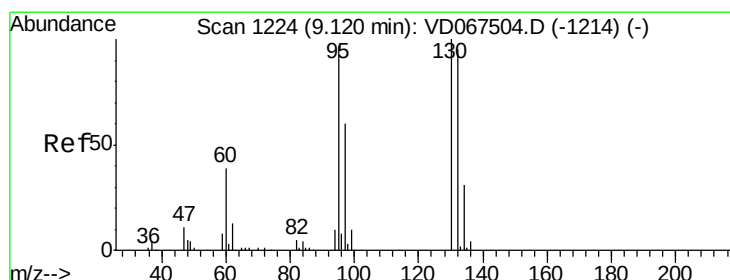
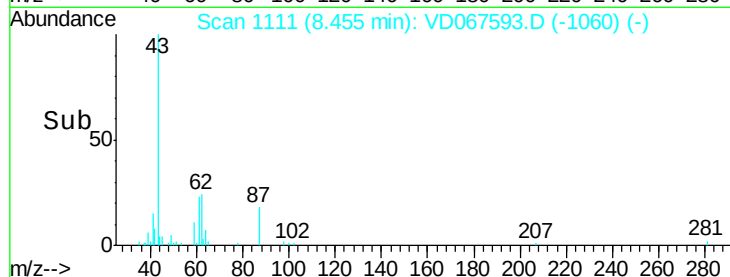
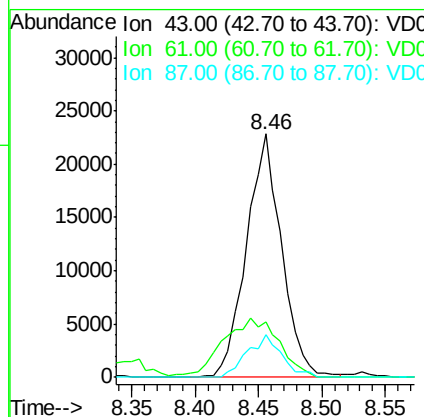
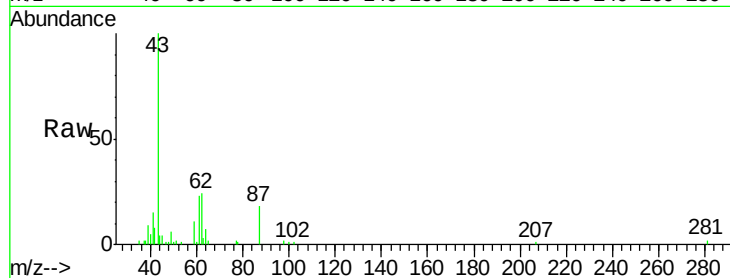
ClientSampleId :

VD1111SBS01

Tot Ion:	43	Resp:	44298
Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.5	45.7
87	17.0	14.7	22.1

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#44

Trichloroethene

Concen: 20.798 ug/l

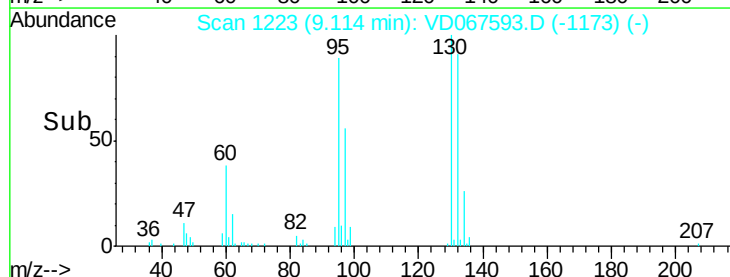
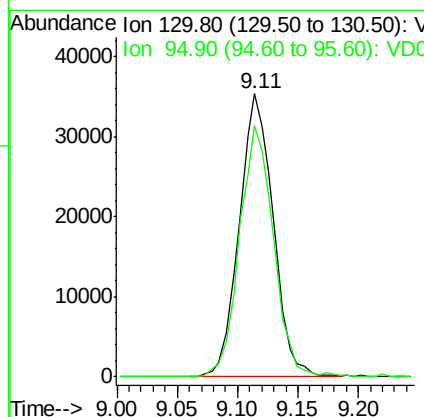
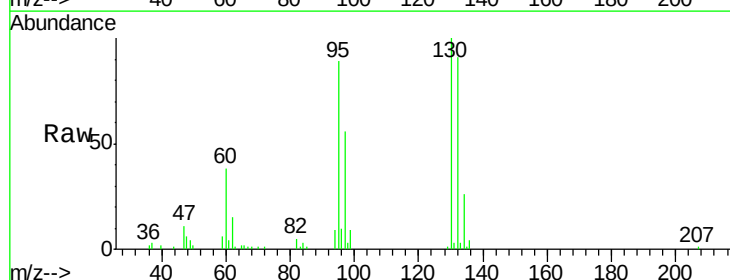
RT: 9.11 min Scan# 1223

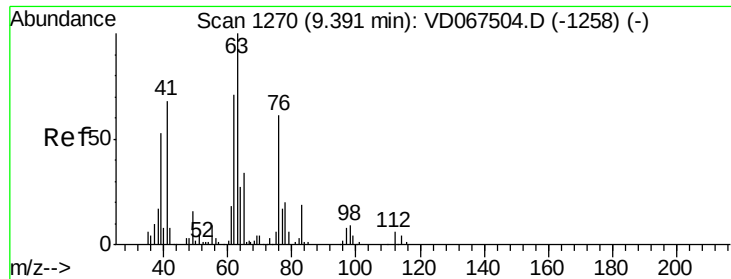
Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	130	Resp:	69292
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	194.4





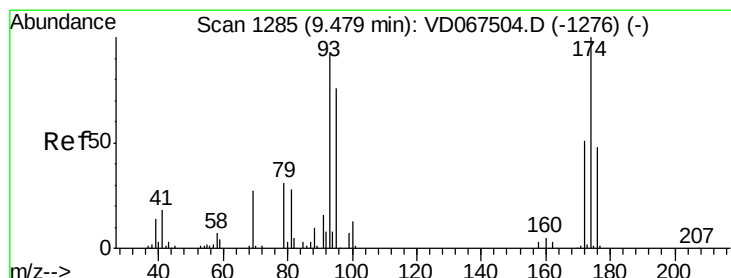
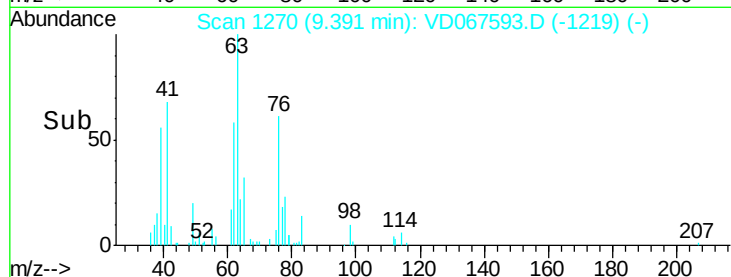
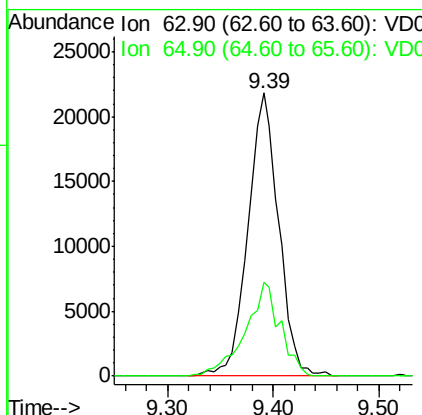
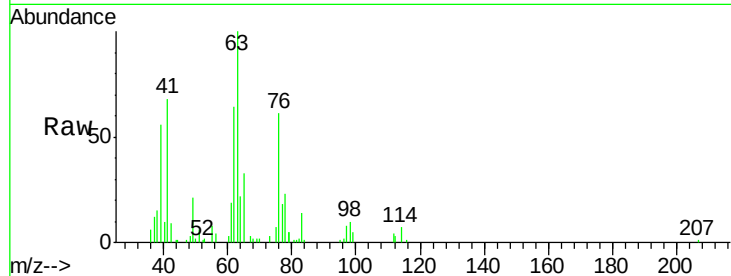
#45
 1,2-Dichloropropane
 Concen: 20.160 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	63	Resp	44165
Ion Ratio	Lower	Upper	
63	100		
65	33.2	26.9	40.3

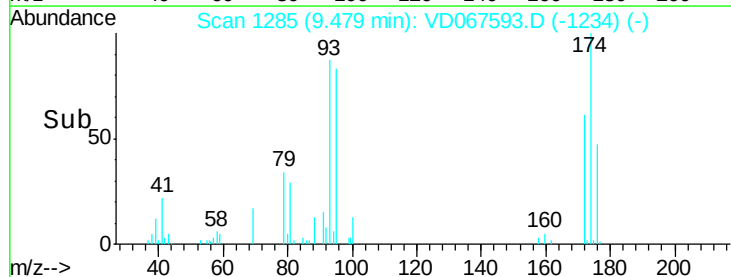
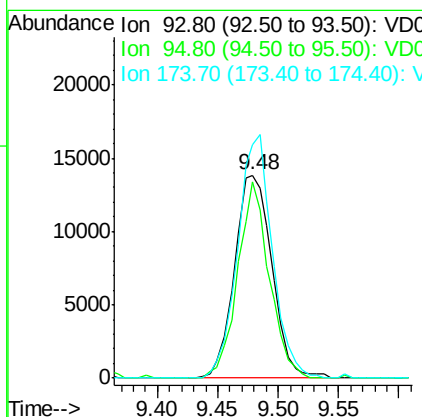
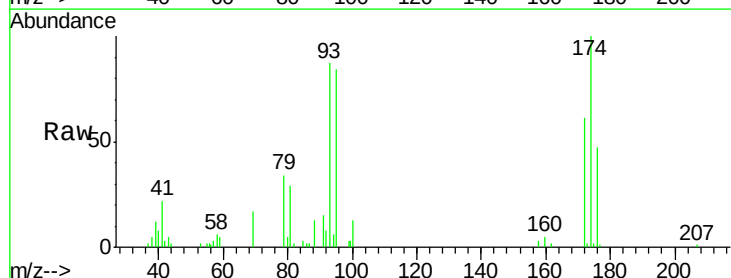
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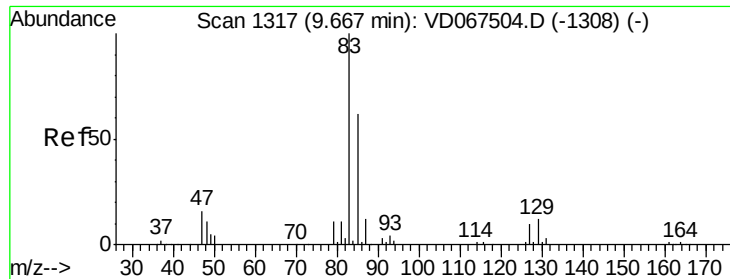
MMDadoda
 11/12/2020 1:11:37 PM



#46
 Dibromomethane
 Concen: 21.456 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	93	Resp	29886
Ion Ratio	Lower	Upper	
93	100		
95	81.4	66.4	99.6
174	110.7	88.2	132.4





#47

Bromodichloromethane

Concen: 21.725 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

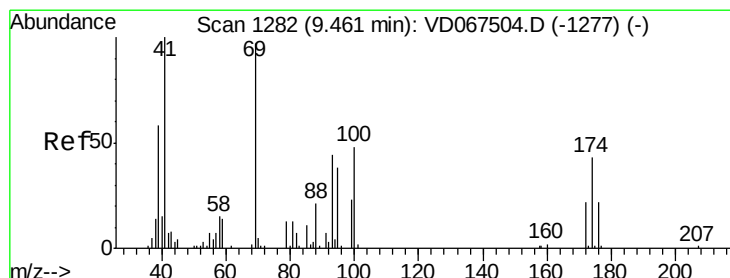
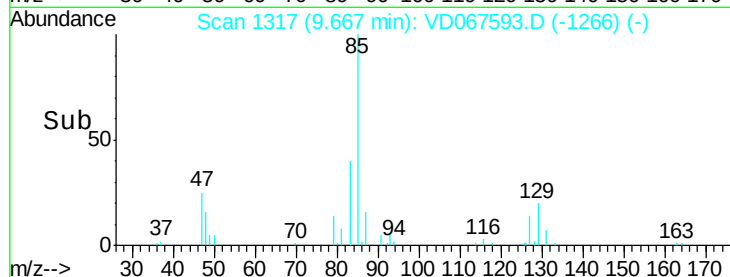
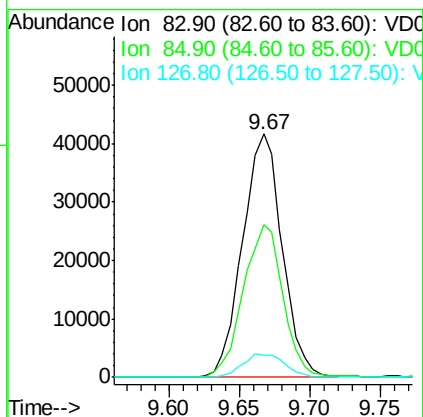
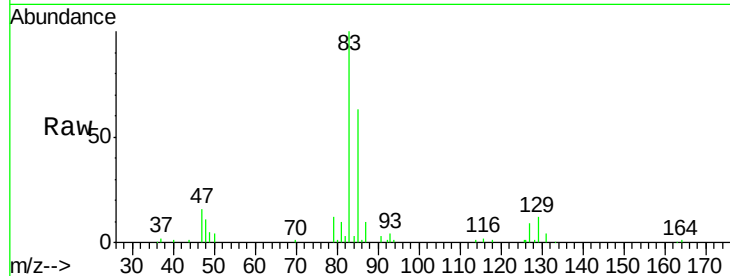
ClientSampleId :

VD1111SBS01

Tot Ion:	83	Resp:	82251
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.4	74.2
127	8.9	7.7	11.5

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#48

Methyl methacrylate

Concen: 20.323 ug/l

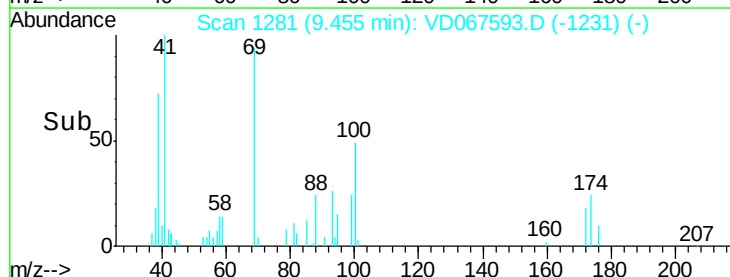
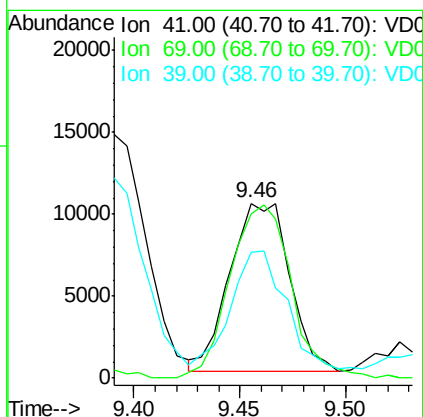
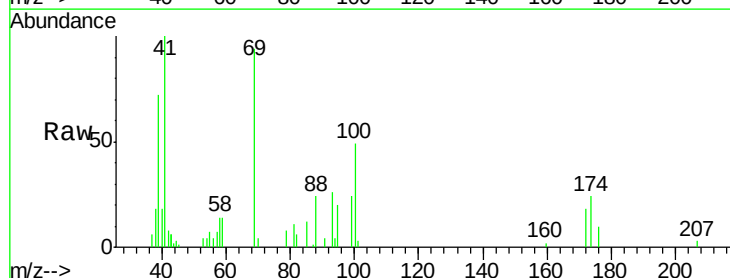
RT: 9.46 min Scan# 1281

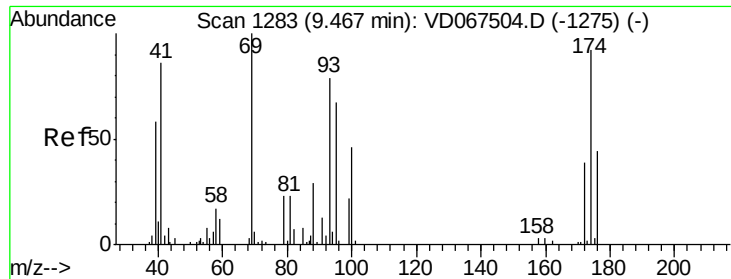
Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	41	Resp:	20153
Ion	Ratio	Lower	Upper
41	100		
69	106.2	80.6	121.0
39	66.9	50.2	75.4





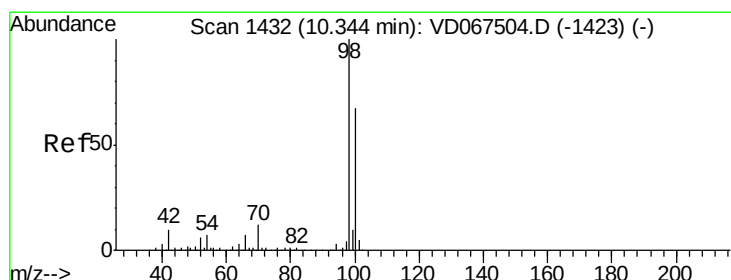
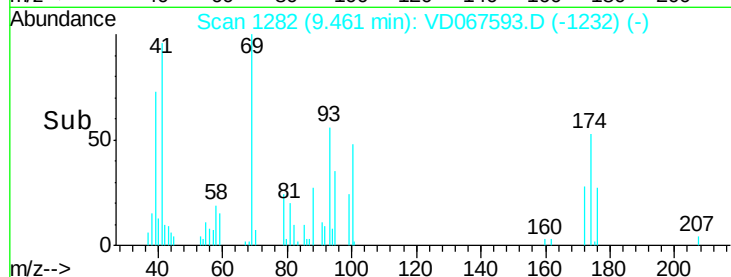
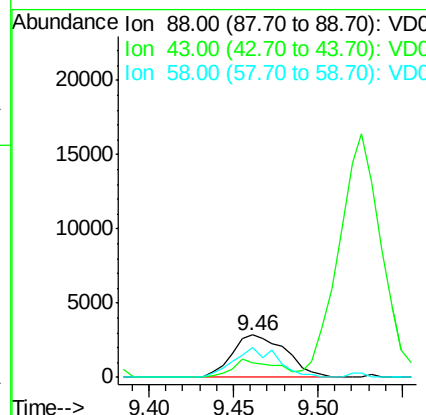
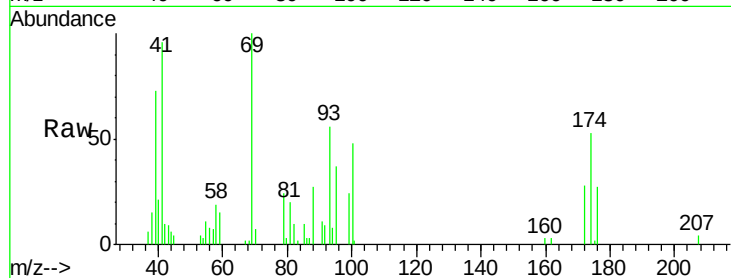
#49
1,4-Dioxane
Concen: 451.261 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 88 Resp: 6381
Ion Ratio Lower Upper
88 100
43 33.7 23.6 35.4
58 57.5 44.7 67.1

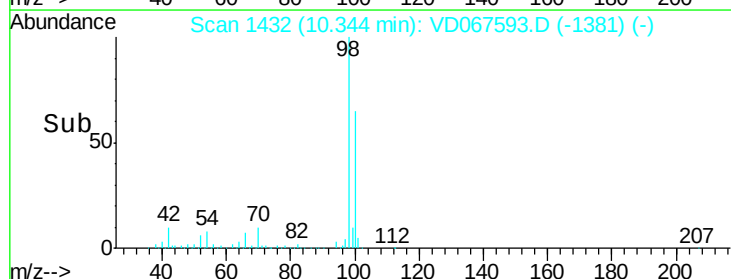
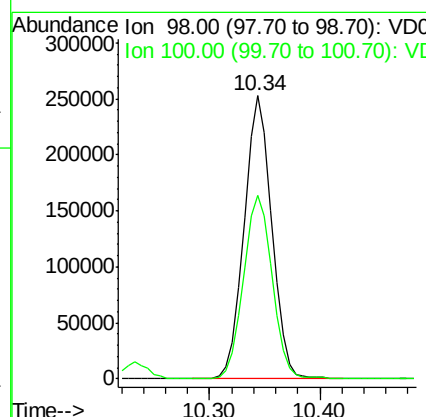
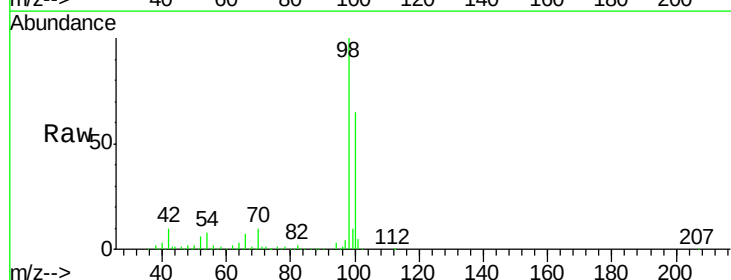
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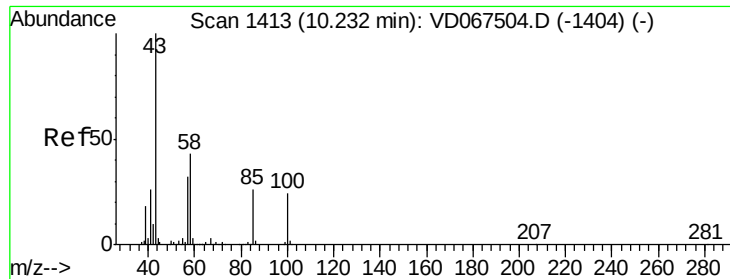
MMDadoda
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#50
Toluene-d8
Concen: 48.240 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 98 Resp: 446345
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6





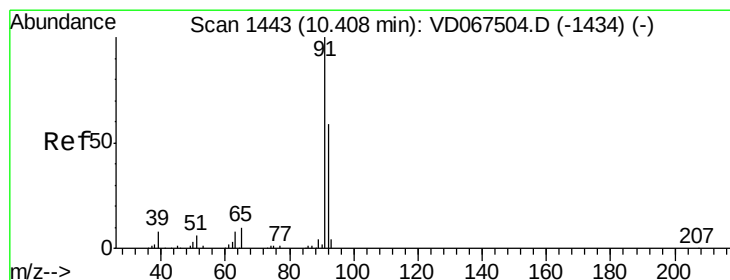
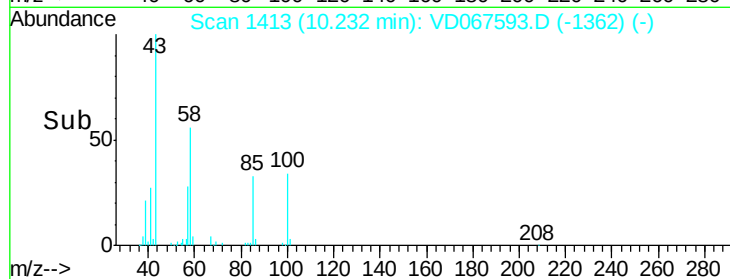
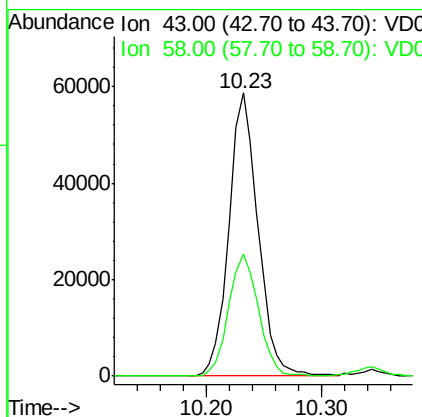
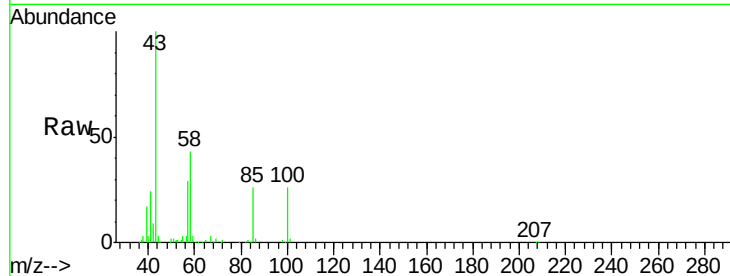
#51
4-Methyl-2-Pentanone
Concen: 111.805 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 43 Resp: 102696
Ion Ratio Lower Upper
43 100
58 44.5 35.6 53.4

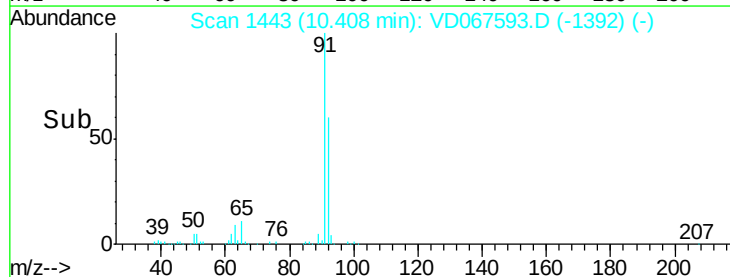
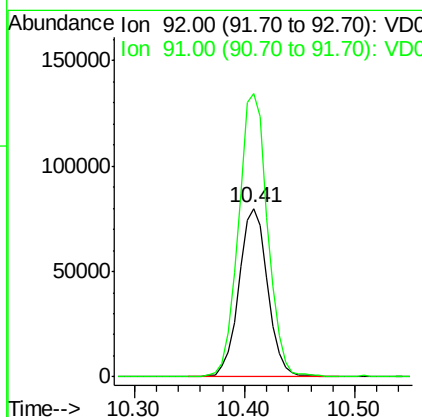
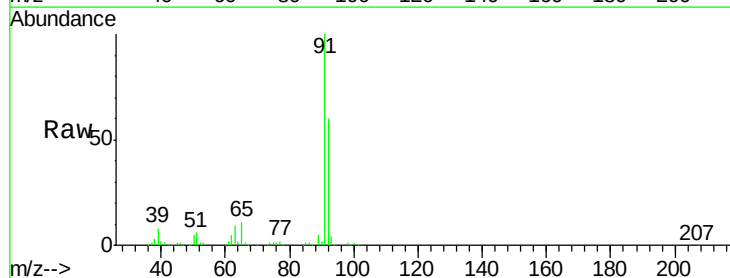
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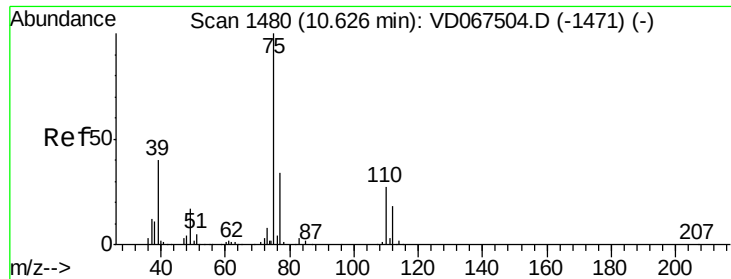
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#52
Toluene
Concen: 21.528 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 92 Resp: 146101
Ion Ratio Lower Upper
92 100
91 171.0 137.0 205.6





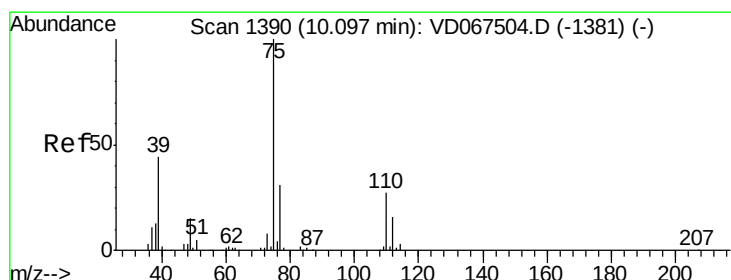
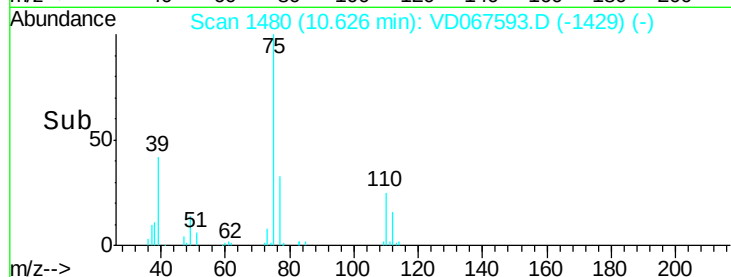
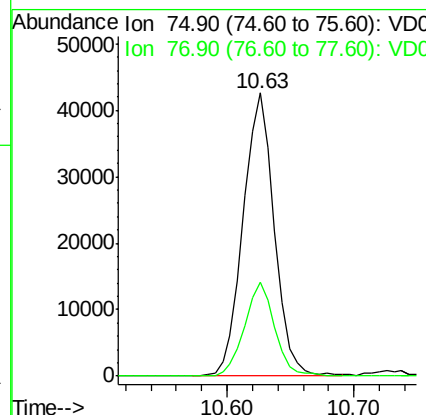
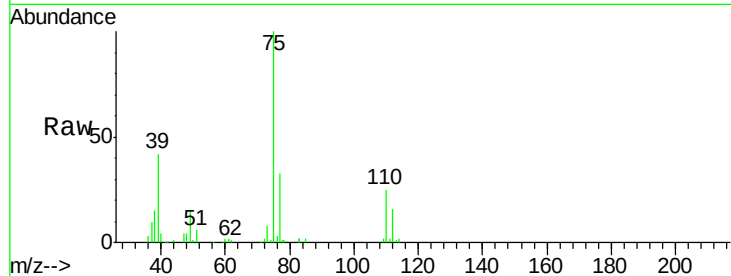
#53
t-1,3-Dichloropropene
Concen: 22.402 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 75 Resp: 72637
Ion Ratio Lower Upper
75 100
77 33.2 27.0 40.6

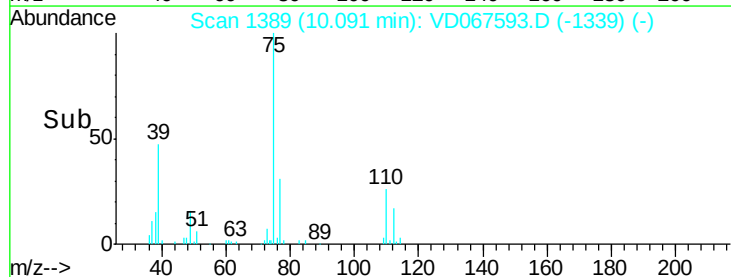
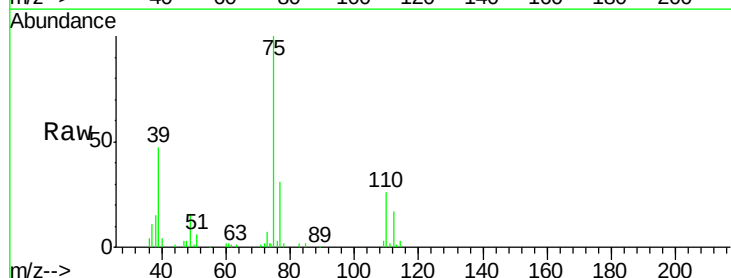
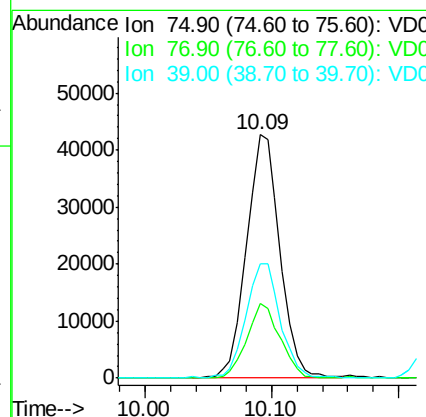
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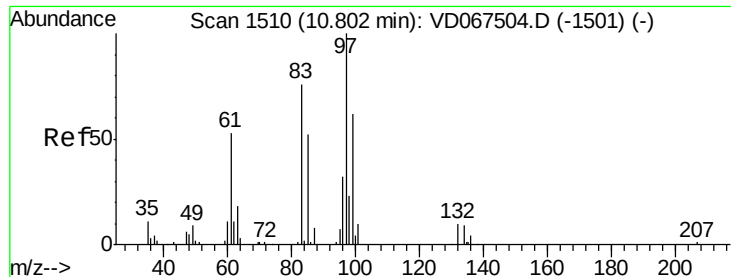
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#54
cis-1,3-Dichloropropene
Concen: 20.247 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 75 Resp: 78001
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6
39 47.2 35.6 53.4





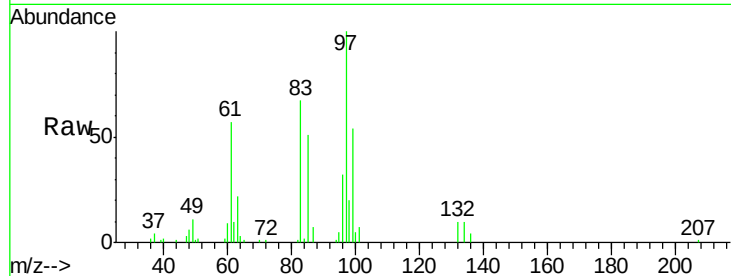
#55
 1,1,2-Trichloroethane
 Concen: 23.230 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

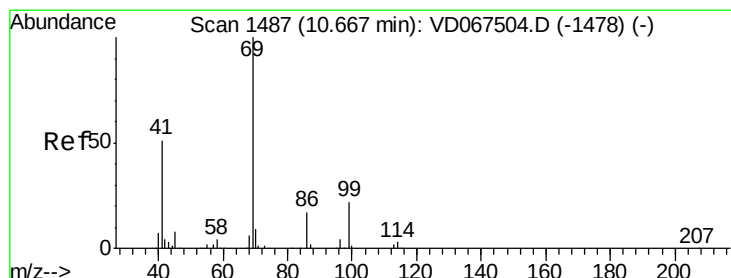
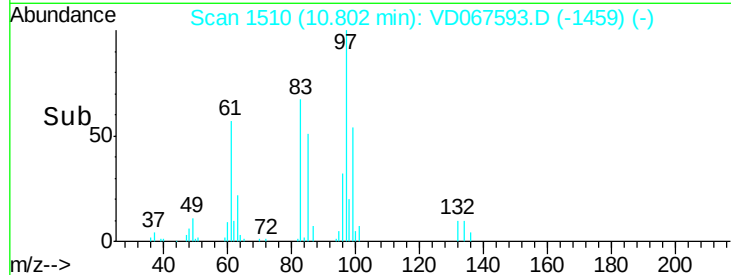
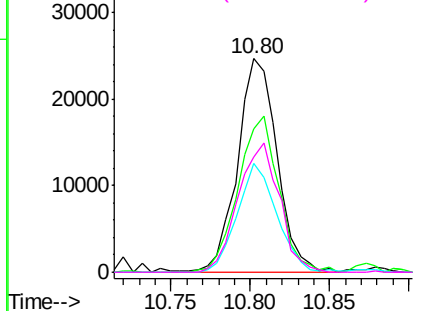
Tot Ion:	97	Resp:	42813
Ion	Ratio	Lower	Upper
97	100		
83	66.9	61.0	91.6
85	51.1	41.5	62.3
99	54.1	49.4	74.2

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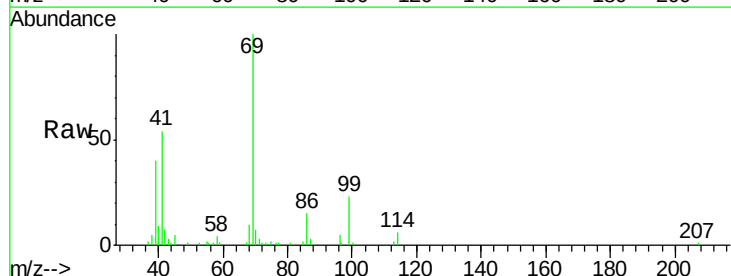


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

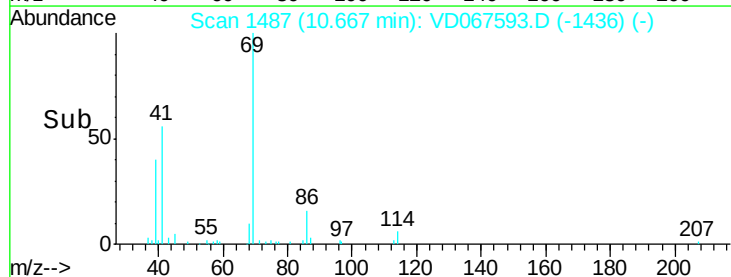
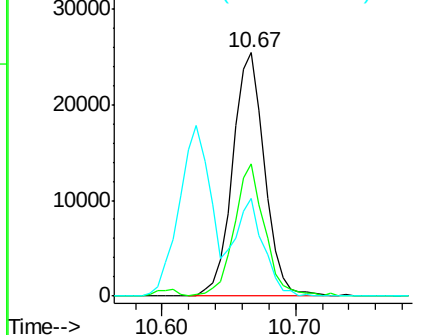


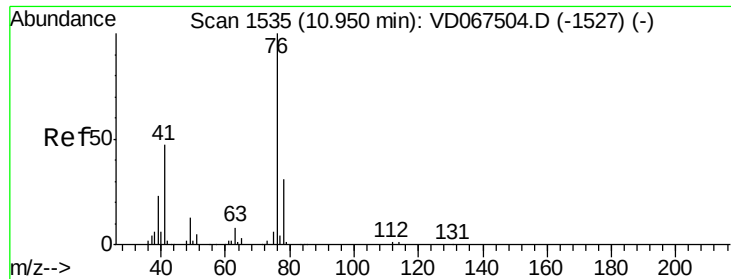
#56
 Ethyl methacrylate
 Concen: 22.200 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion:	69	Resp:	42250
Ion	Ratio	Lower	Upper
69	100		
41	52.0	45.4	68.0
39	32.7	27.4	41.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





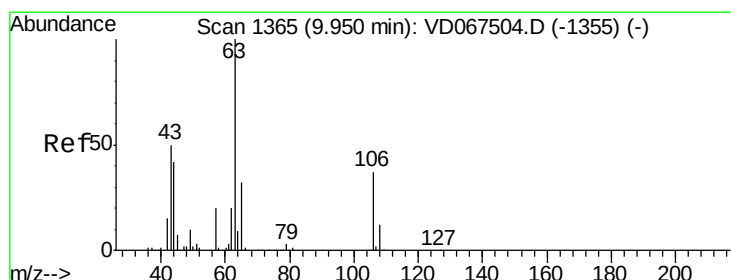
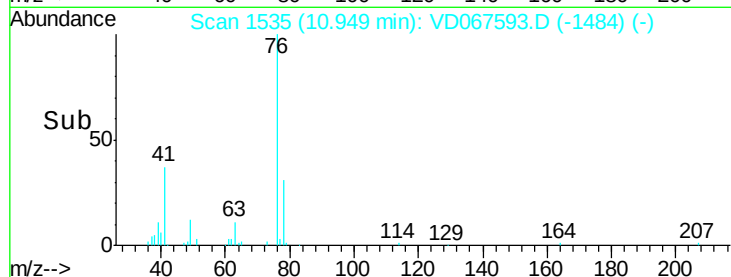
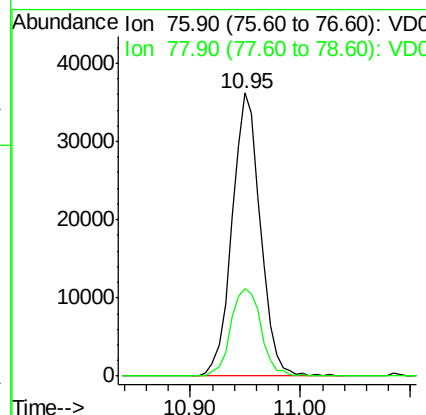
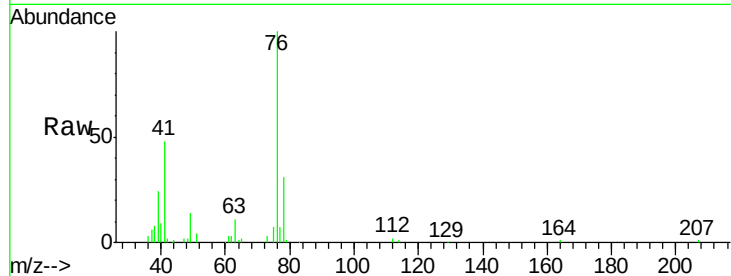
#57
 1,3-Dichloropropane
 Concen: 21.900 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion: 76 Resp: 64950
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1

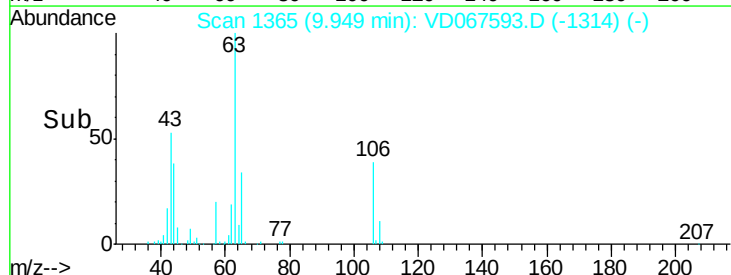
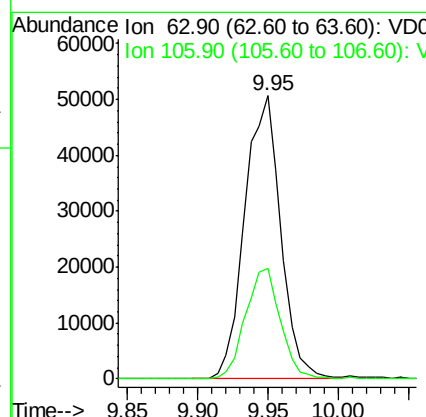
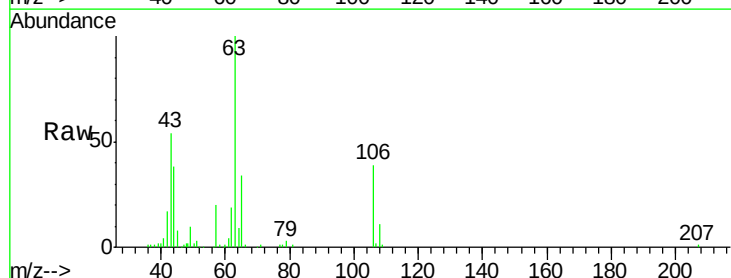
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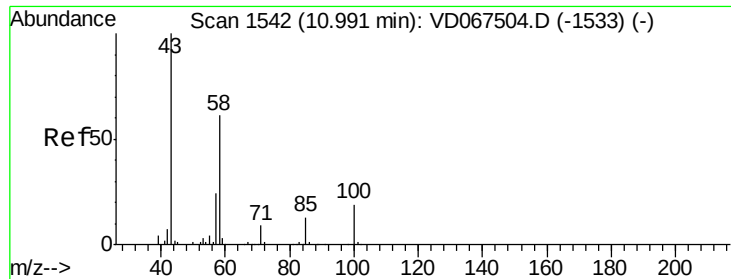
MMDadoda
 11/12/2020 1:11:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.219 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion: 63 Resp: 90721
 Ion Ratio Lower Upper
 63 100
 106 37.8 29.2 43.8





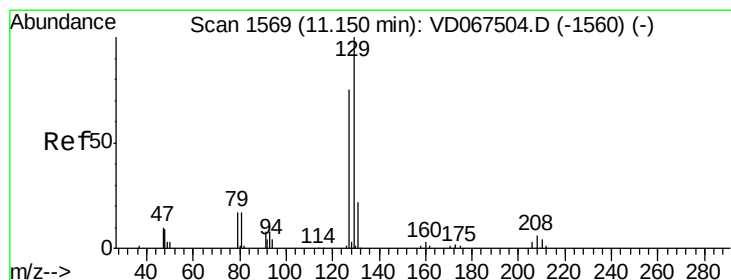
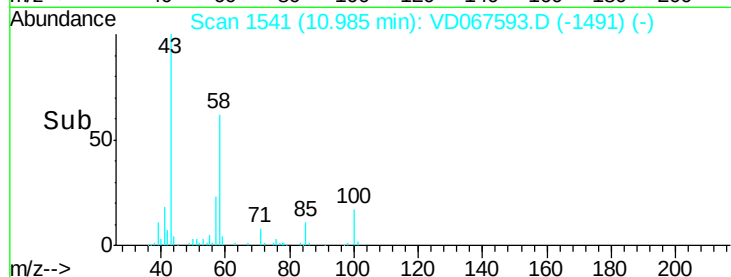
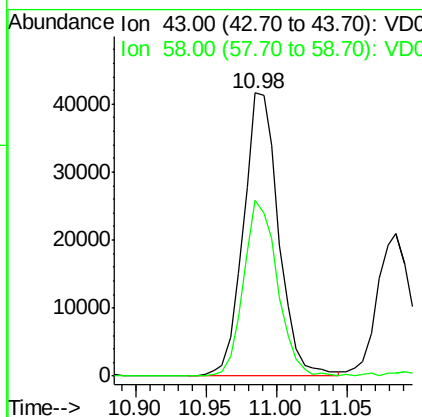
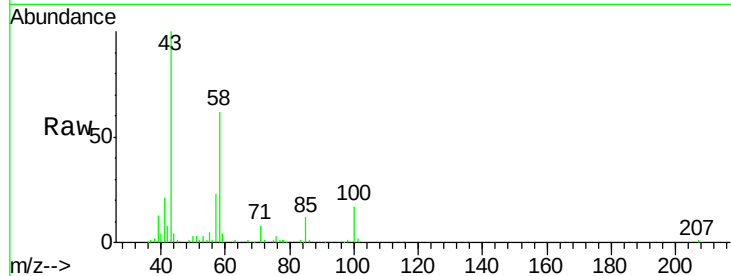
#59
2-Hexanone
Concen: 113.523 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 43 Resp: 72909
Ion Ratio Lower Upper
43 100
58 59.6 30.3 90.9

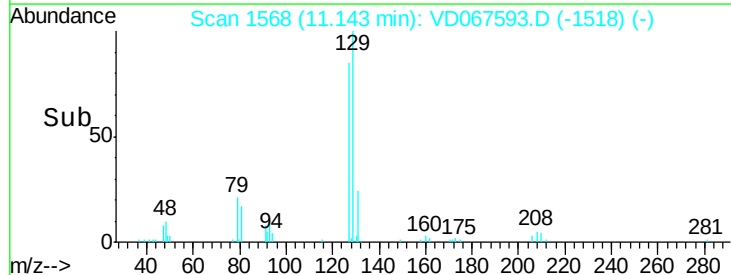
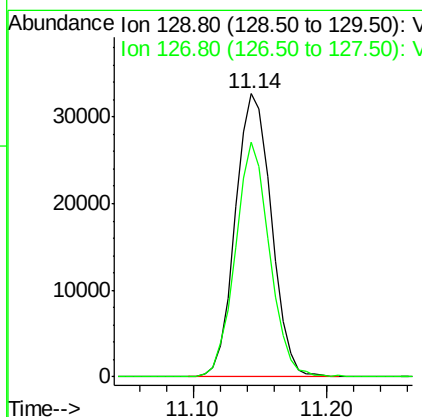
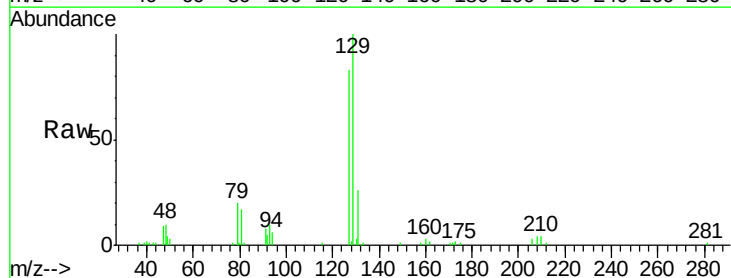
Manual Integrations
APPROVED

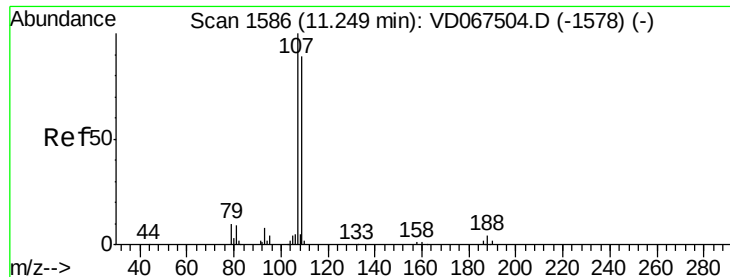
MMDadoda
11/12/2020 1:11:37 PM



#60
Dibromochloromethane
Concen: 22.393 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 129 Resp: 61049
Ion Ratio Lower Upper
129 100
127 78.8 38.0 114.1





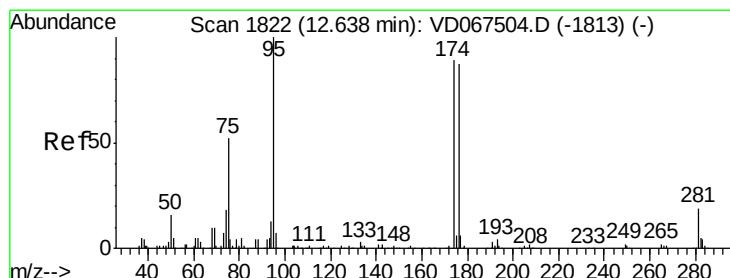
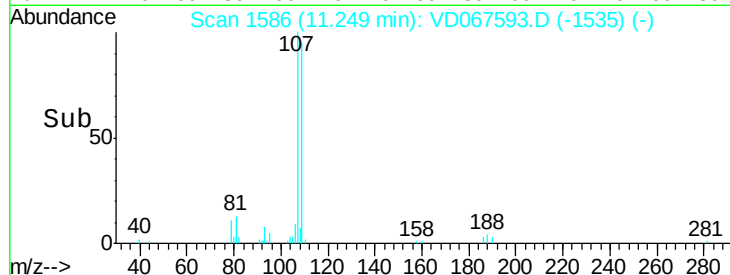
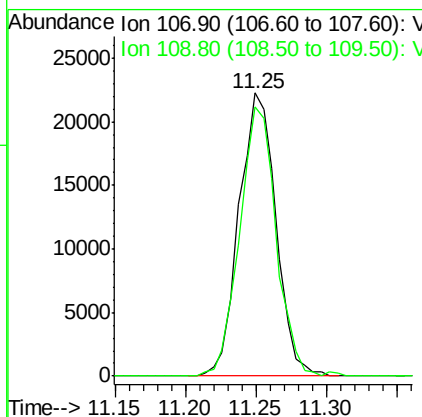
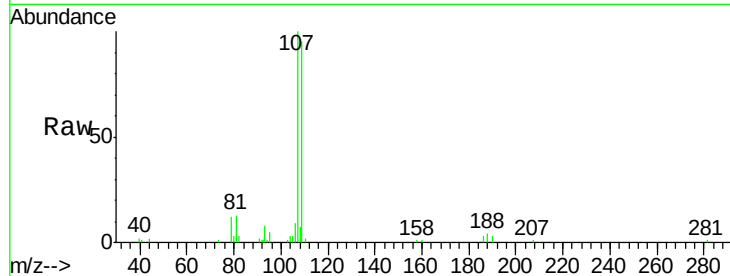
#61
 1,2-Dibromoethane
 Concen: 22.026 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion: 107 Resp: 40742
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 111.8

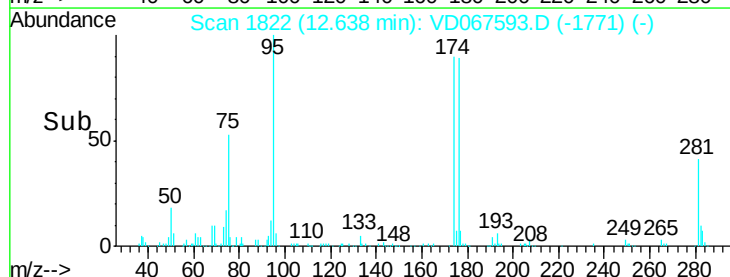
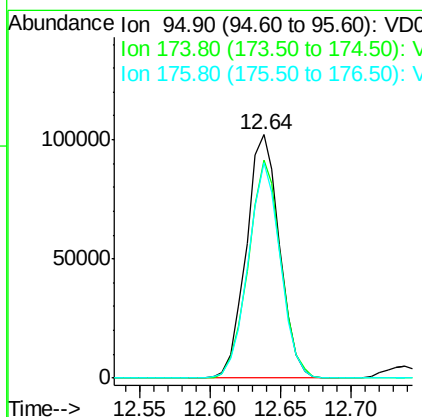
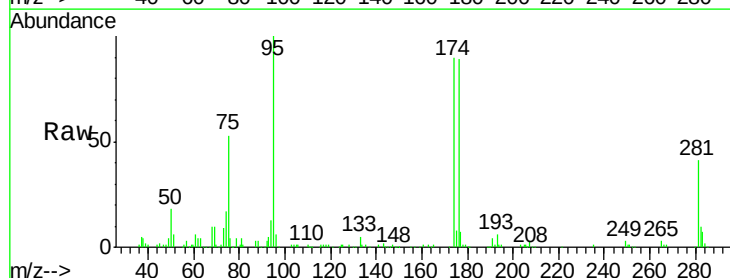
Manual Integrations
 APPROVED

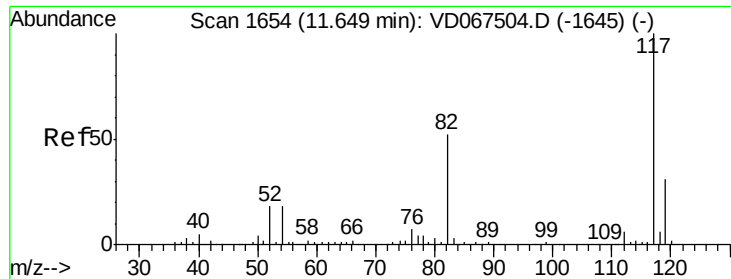
MMDadoda
 11/12/2020 1:11:37 PM



#62
 4-Bromofluorobenzene
 Concen: 52.962 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion: 95 Resp: 169181
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 177.8
 176 85.2 0.0 172.0





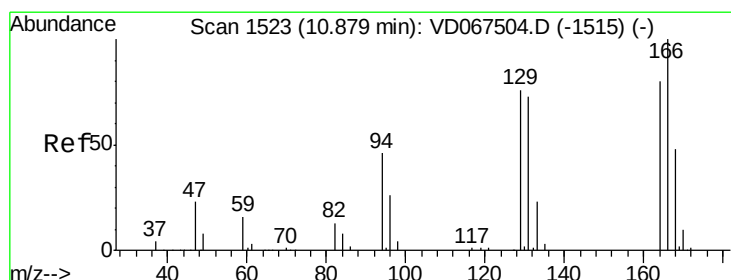
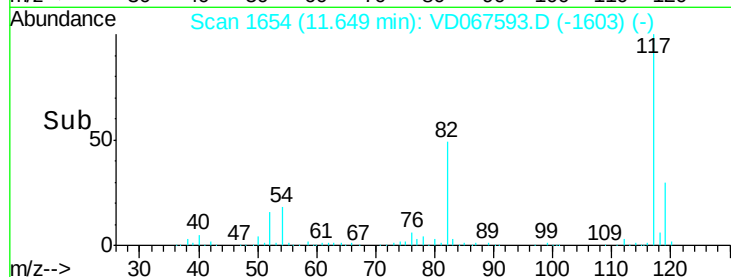
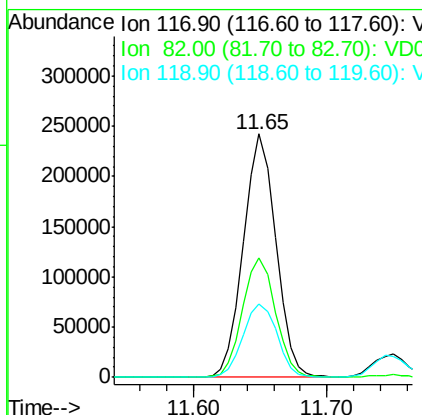
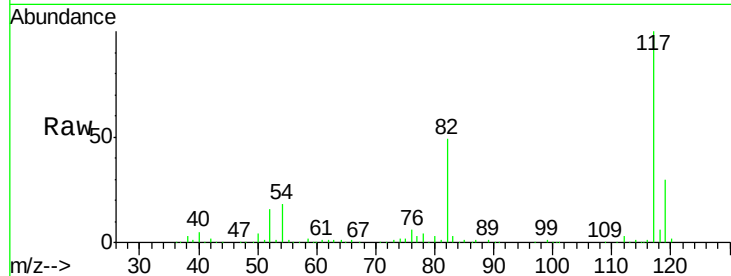
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.6	62.4
119	29.9	25.1	37.7

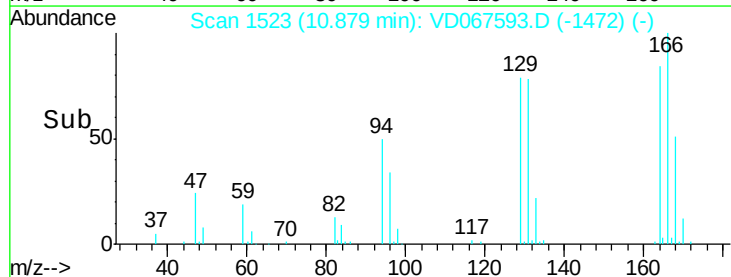
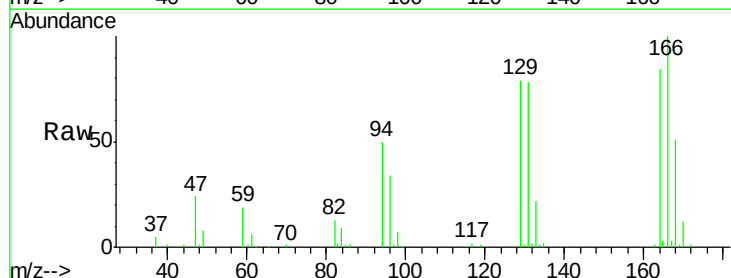
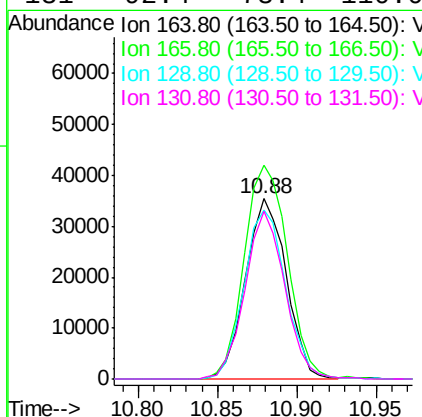
Manual Integrations
APPROVED

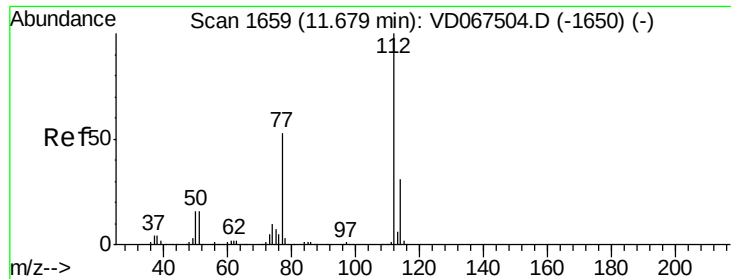
MMDadoda
11/12/2020 1:11:37 PM



#64
Tetrachloroethene
Concen: 20.916 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.6	99.9	149.9
129	94.2	75.5	113.3
131	92.4	73.4	110.0





#65

Chlorobenzene

Concen: 21.328 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion:112 Resp: 168217

Ion Ratio Lower Upper

112 100

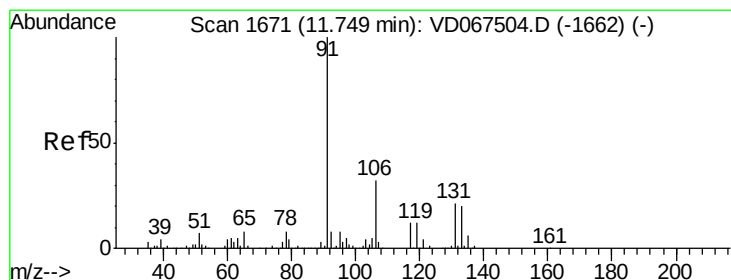
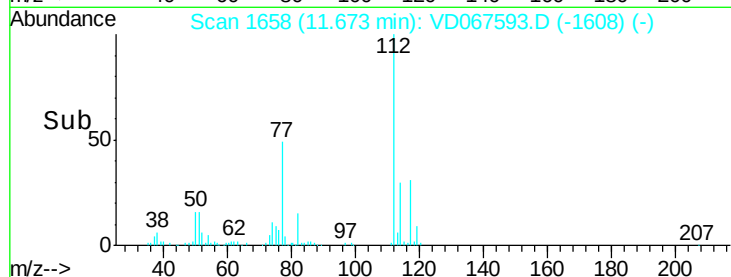
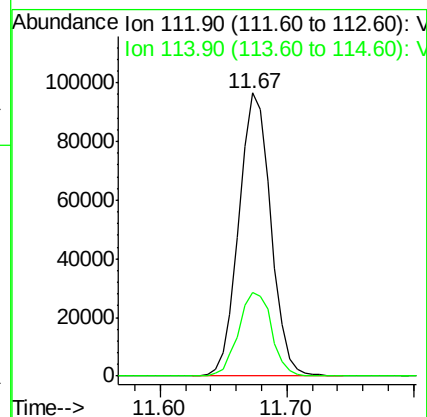
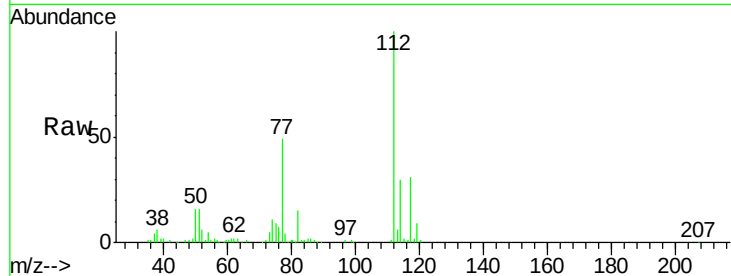
114 29.7 24.9 37.3

Manual Integrations

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MMDadoda

11/12/2020 1:11:37 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.896 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

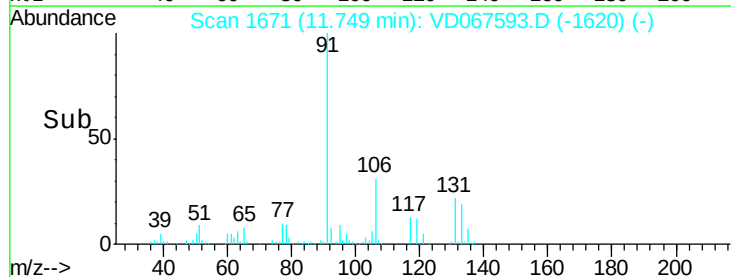
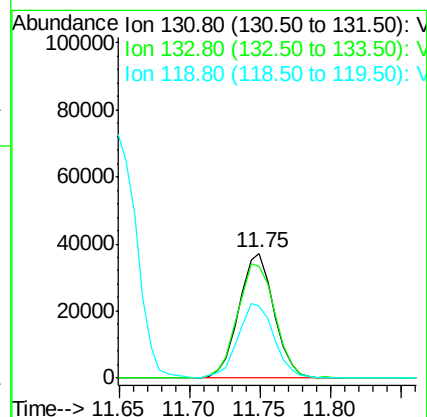
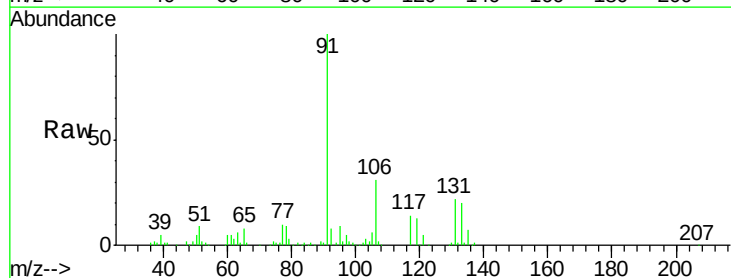
Tgt Ion:131 Resp: 64958

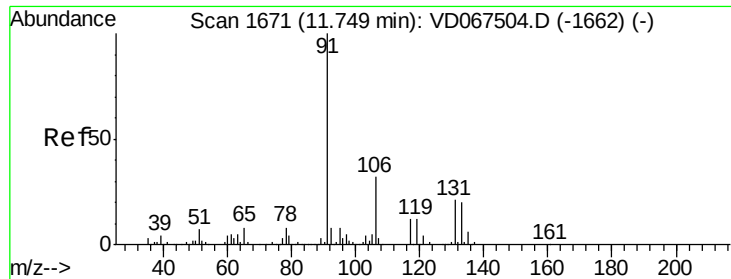
Ion Ratio Lower Upper

131 100

133 97.6 48.0 144.0

119 61.0 30.1 90.5





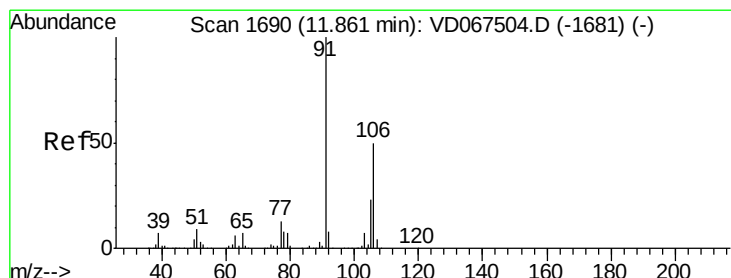
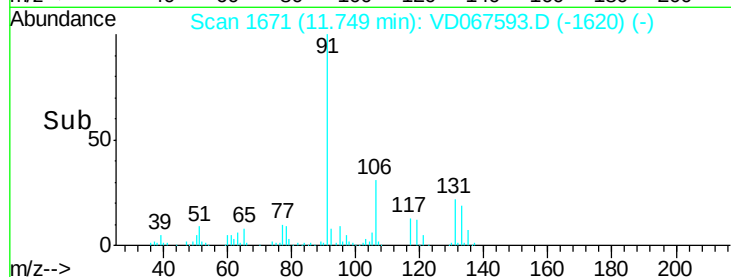
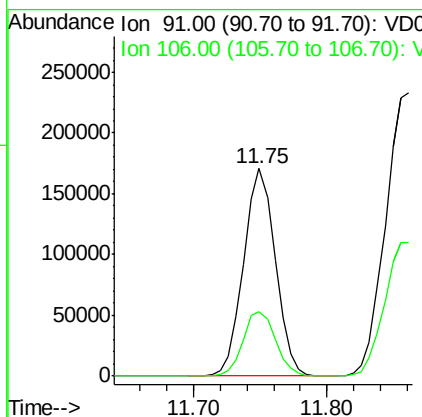
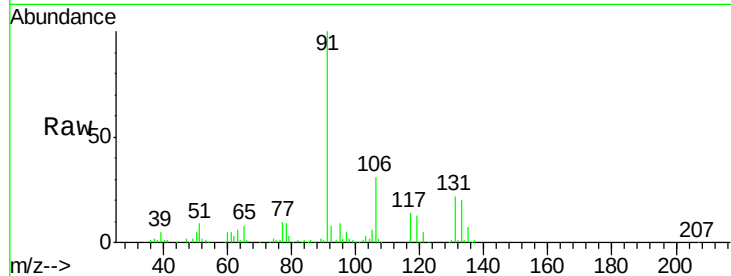
#67
Ethyl Benzene
Concen: 20.853 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 91 Resp: 281449
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

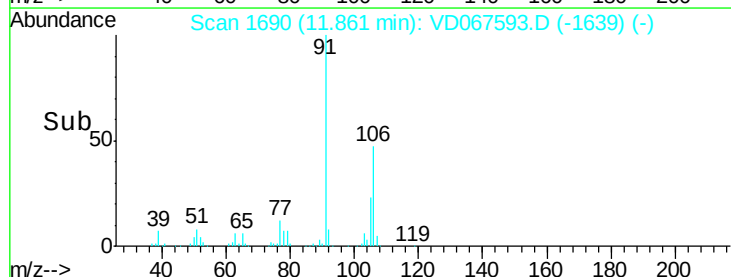
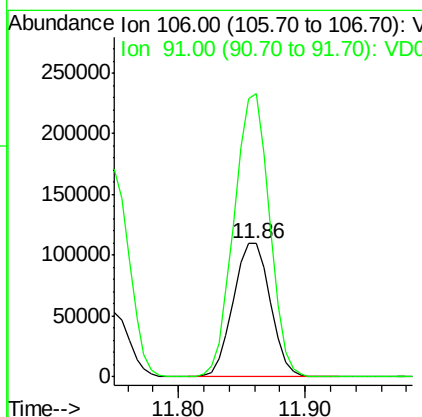
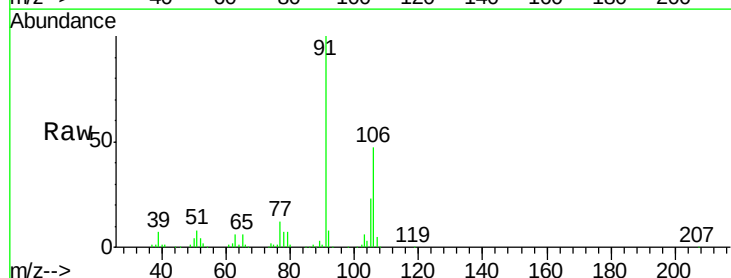
Manual Integrations
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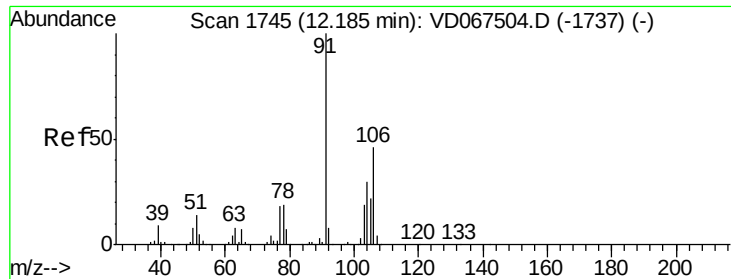
MMDadoda
11/12/2020 1:11:37 PM



#68
m/p-Xylenes
Concen: 42.404 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 106 Resp: 222656
Ion Ratio Lower Upper
106 100
91 203.7 162.6 244.0





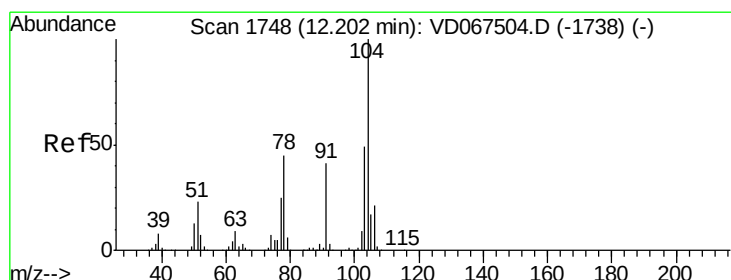
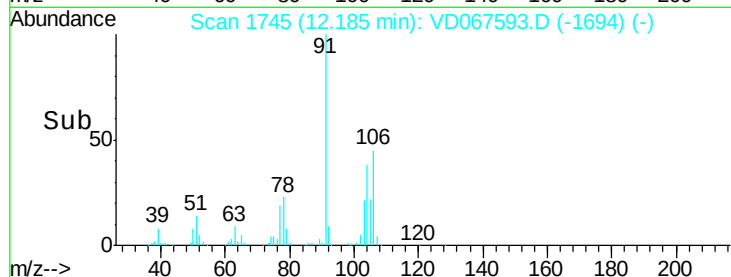
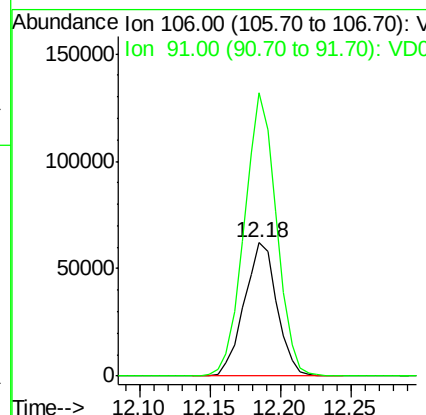
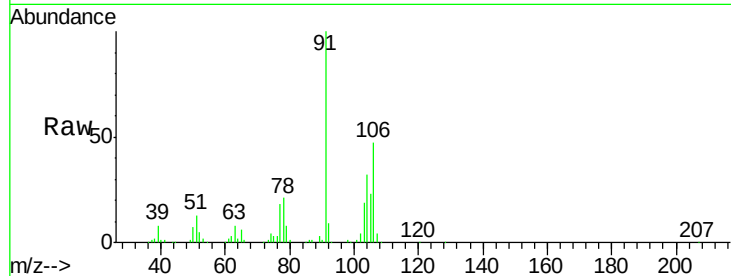
#69
o-Xylene
Concen: 21.495 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		100768		
91	208.1	107.1	321.1		

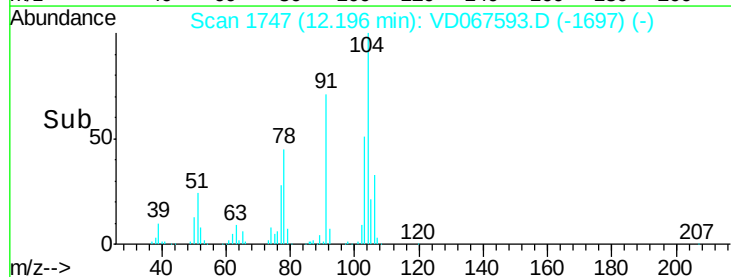
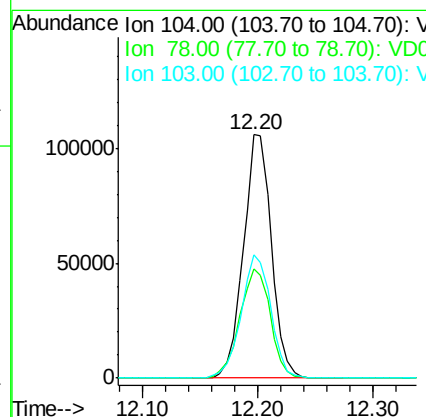
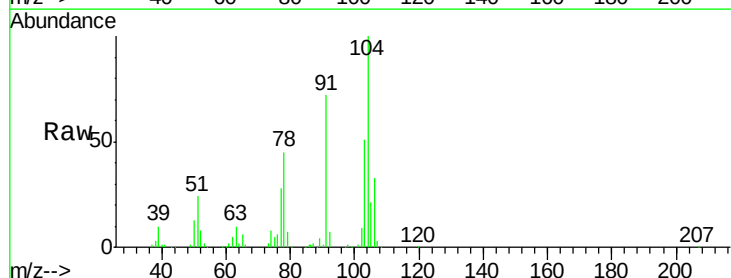
Manual Integrations
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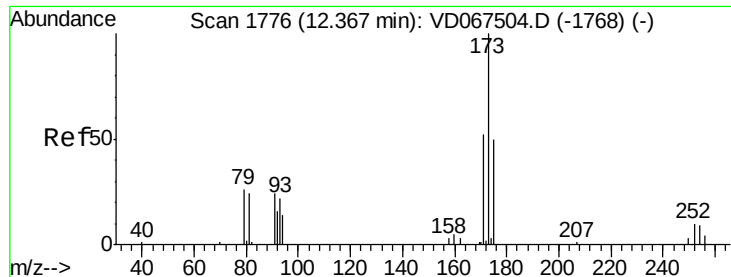
MMDadoda
11/12/2020 1:11:37 PM



#70
Styrene
Concen: 21.817 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		178221		
78	48.6	39.8	59.8		
103	53.5	43.9	65.9		





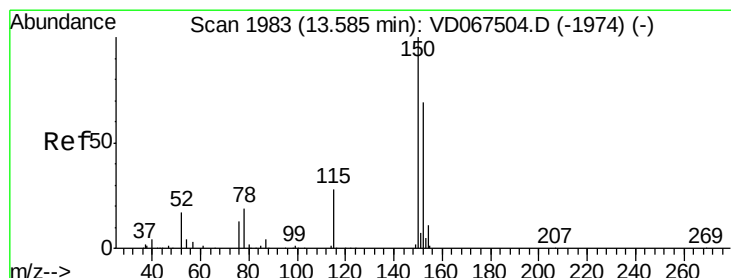
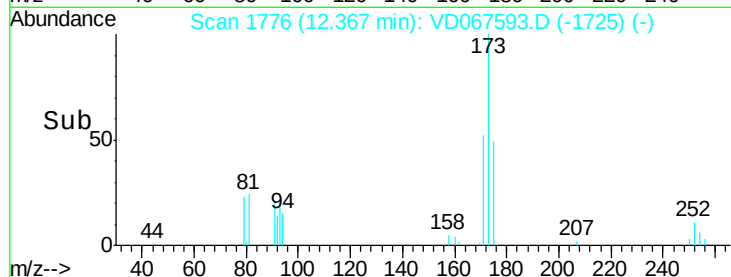
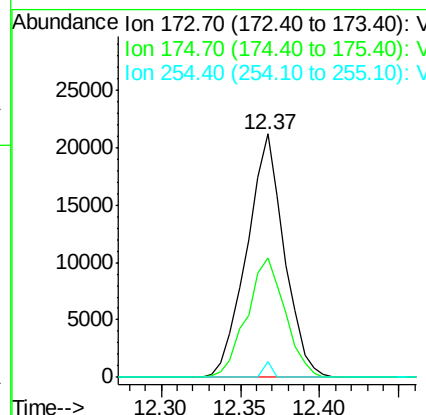
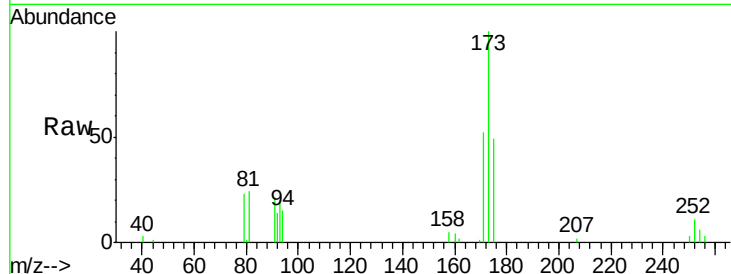
#71
Bromoform
Concen: 21.834 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.1	72.2
254	1.4	0.0	0.0#

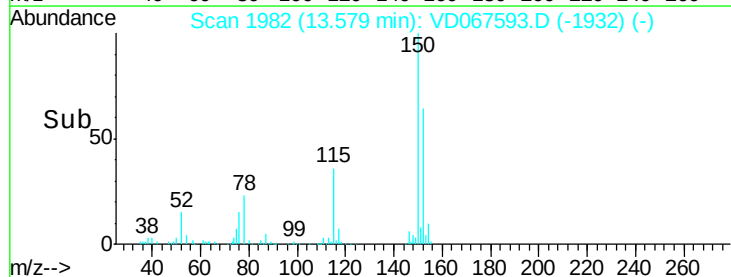
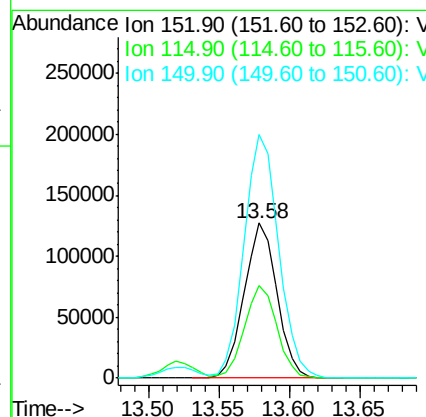
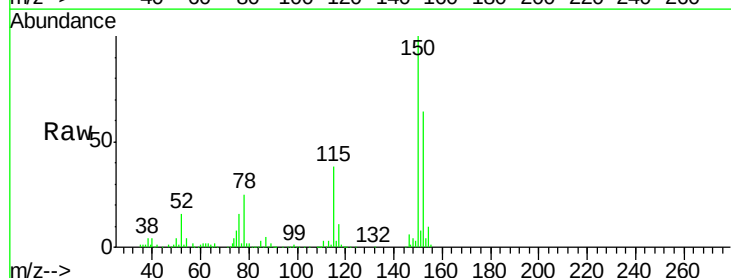
Manual Integrations
APPROVED

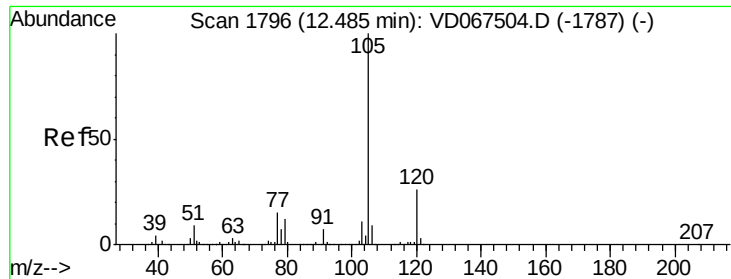
MMDadoda
11/12/2020 1:11:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	165.8	0.0	338.2





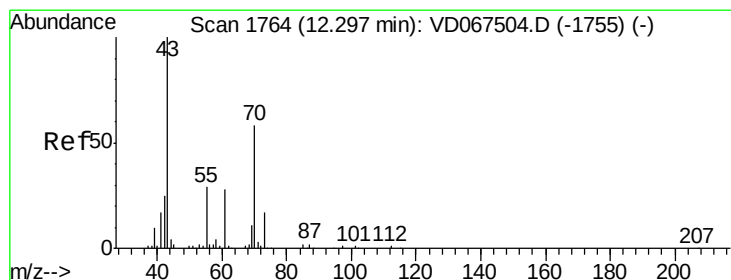
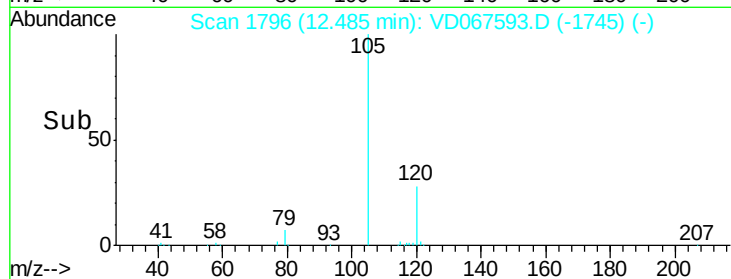
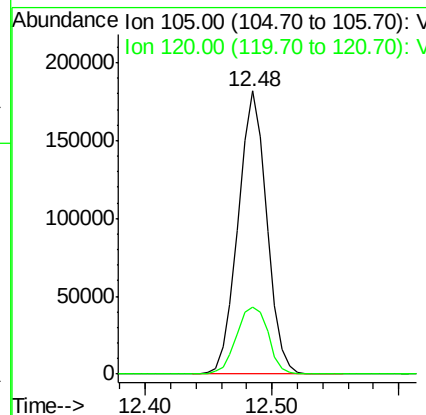
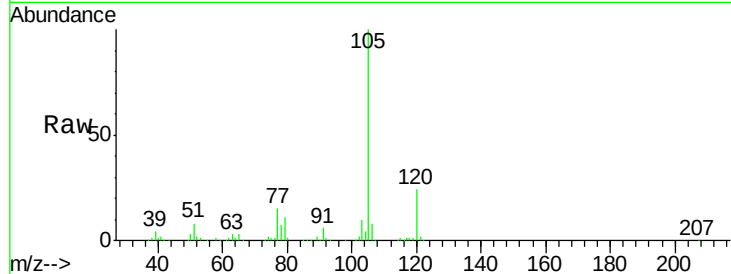
#73
Isopropylbenzene
Concen: 21.171 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.6

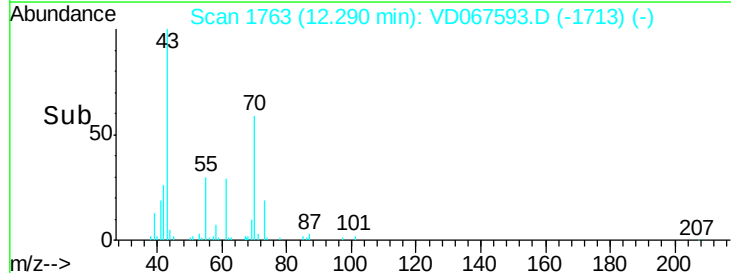
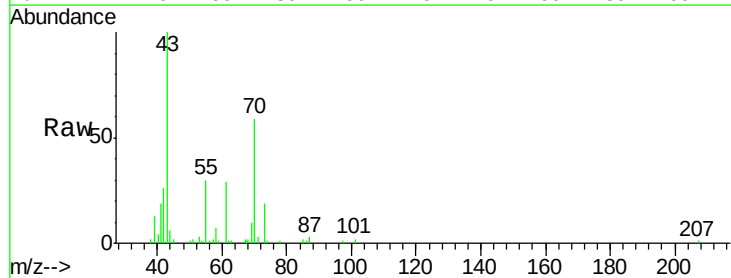
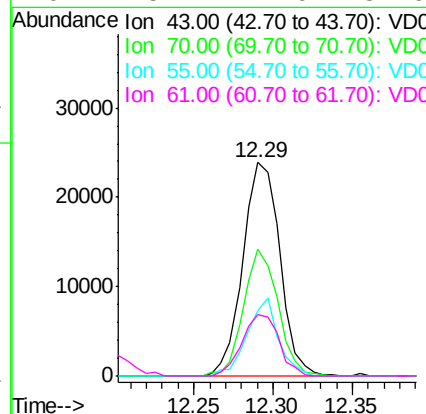
Manual Integrations
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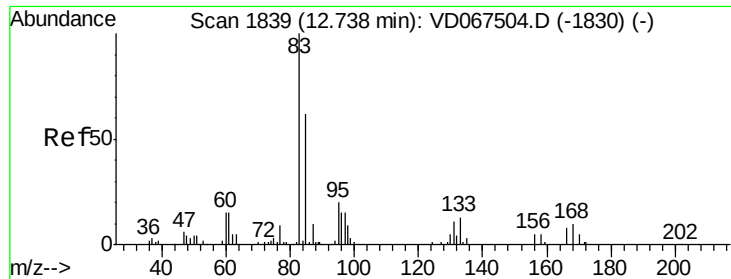
MMDadoda
11/12/2020 1:11:37 PM



#74
N-ethyl acetate
Concen: 22.052 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	55.2	42.6	64.0
55	30.3	23.7	35.5
61	28.7	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.561 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

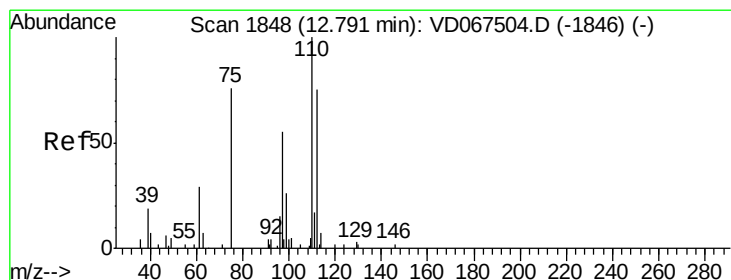
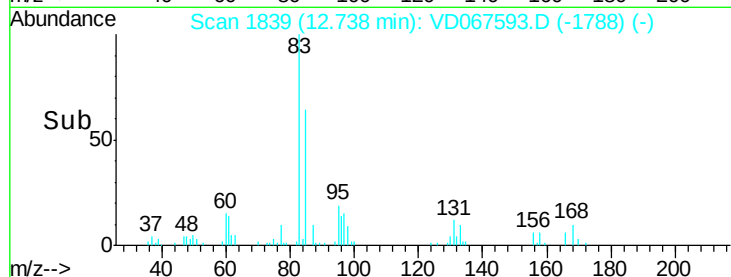
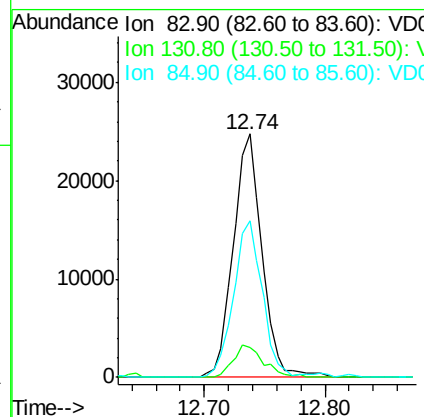
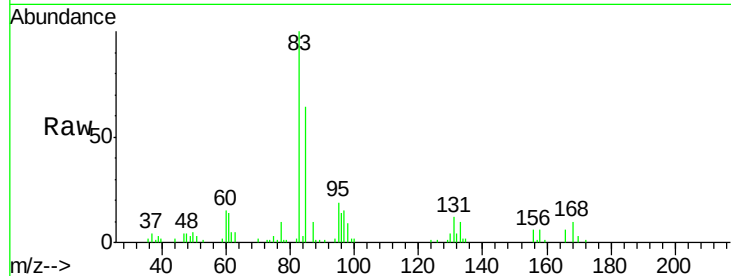
ClientSampleId :

VD1111SBS01

Tot Ion:	83	Resp:	41138
Ion Ratio	Lower	Upper	
83	100		
131	13.9	7.1	21.3
85	64.2	32.9	98.7

Manual Integrations
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11/12/2020 1:11:37 PM



#76

1,2,3-Trichloropropane

Concen: 20.774 ug/l m

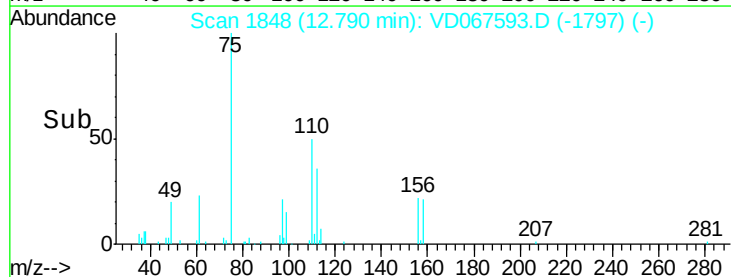
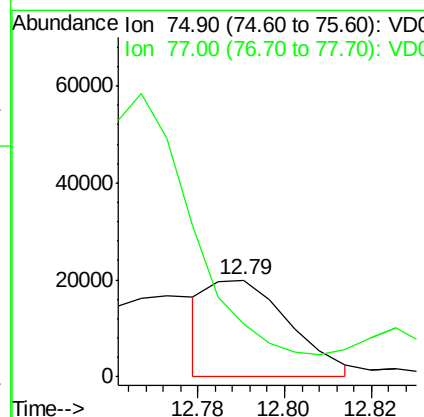
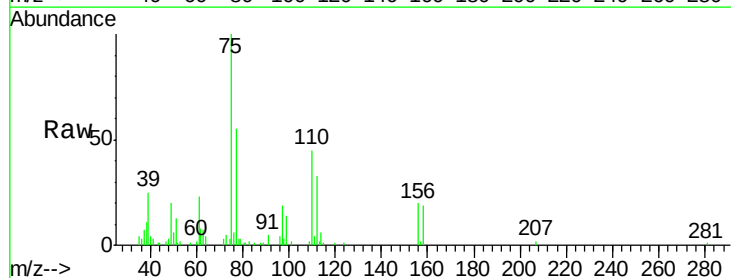
RT: 12.79 min Scan# 1848

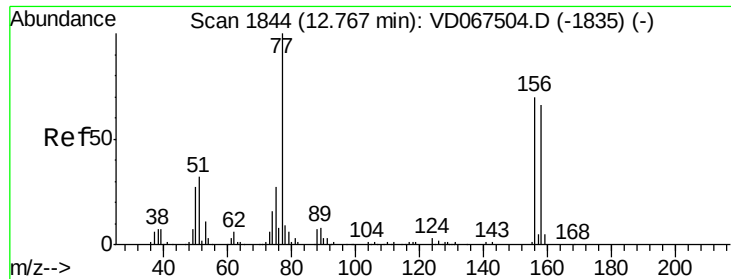
Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	75	Resp:	25930
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.908 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

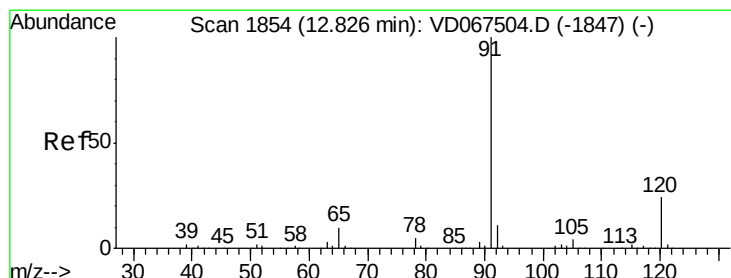
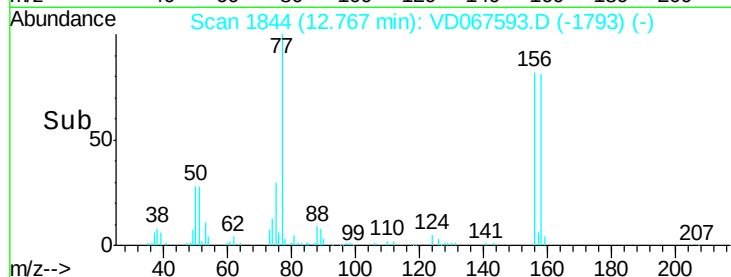
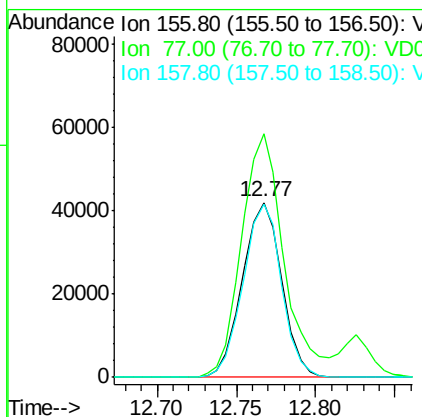
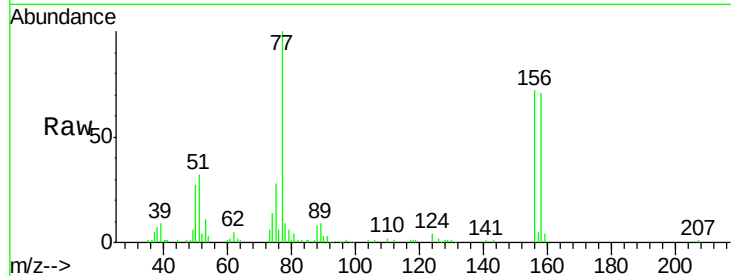
ClientSampleId :

VD1111SBS01

Tot Ion:	156	Resp:	71946
Ion	Ratio	Lower	Upper
156	100		
77	151.4	77.8	233.5
158	97.2	47.9	143.7

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#78

n-propylbenzene

Concen: 21.561 ug/l

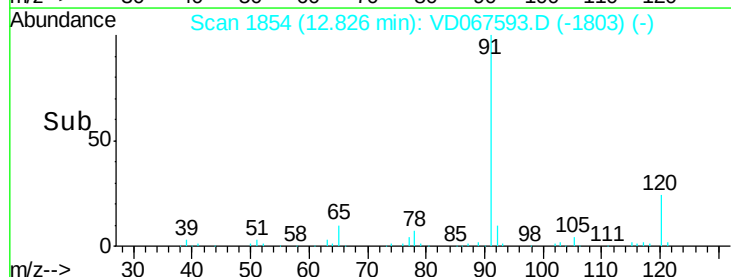
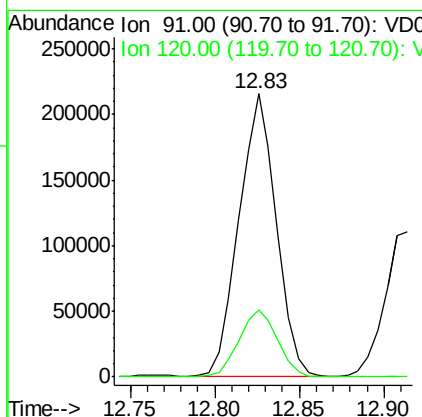
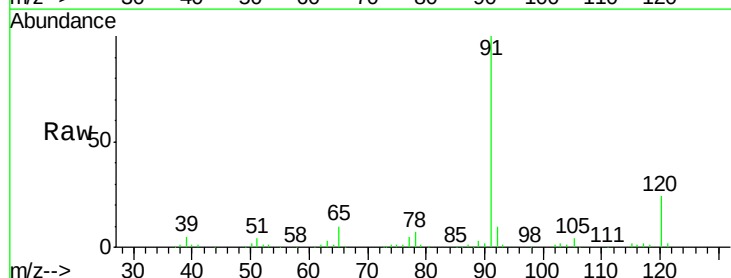
RT: 12.83 min Scan# 1854

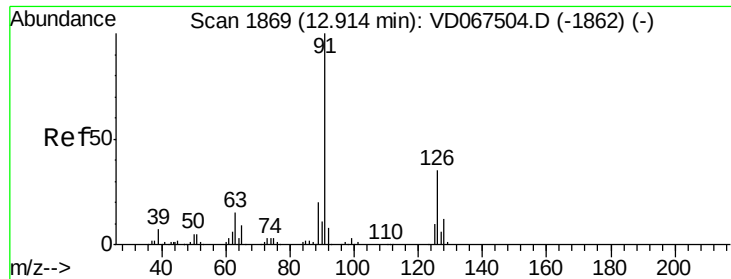
Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Tgt Ion:	91	Resp:	329786
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





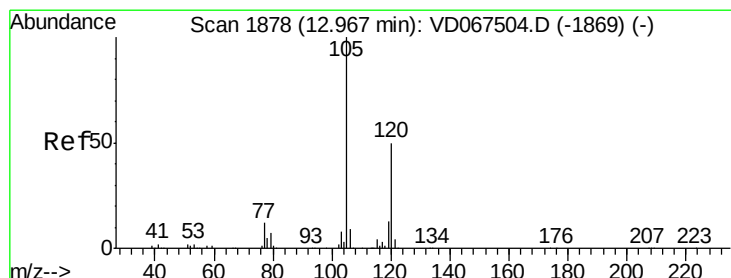
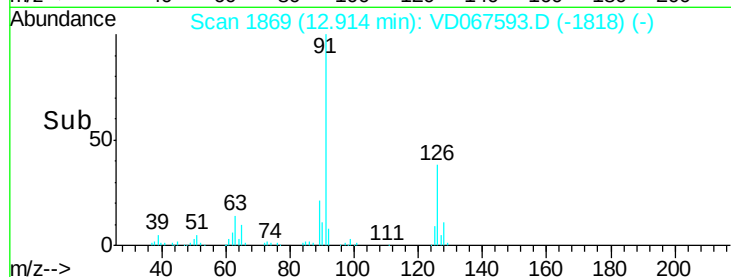
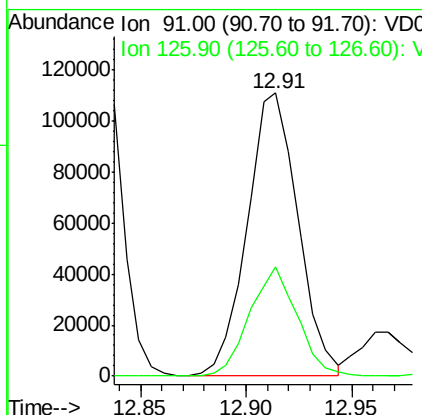
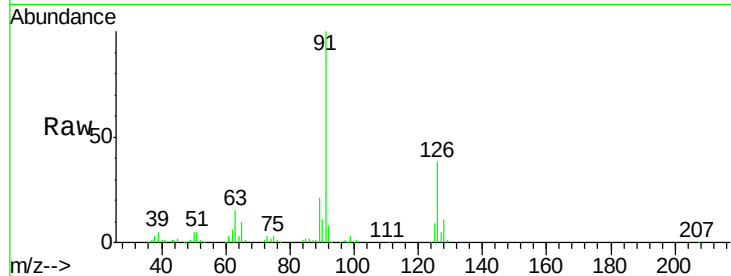
#79
2-Chlorotoluene
Concen: 21.291 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 91 Resp: 184987
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.4

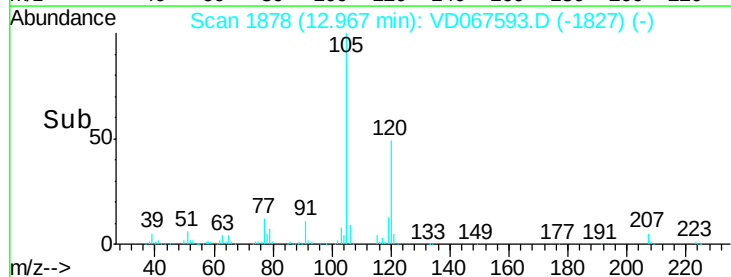
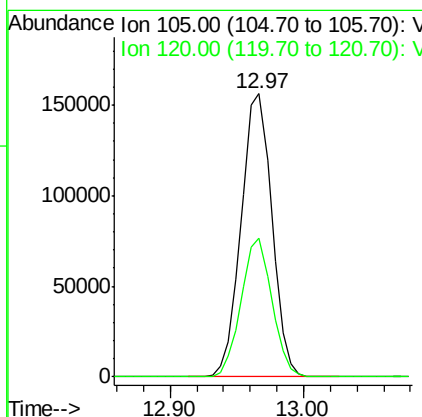
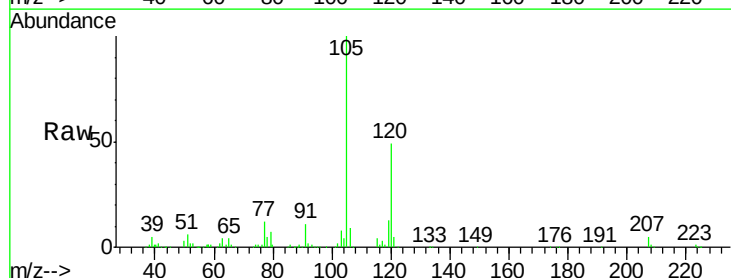
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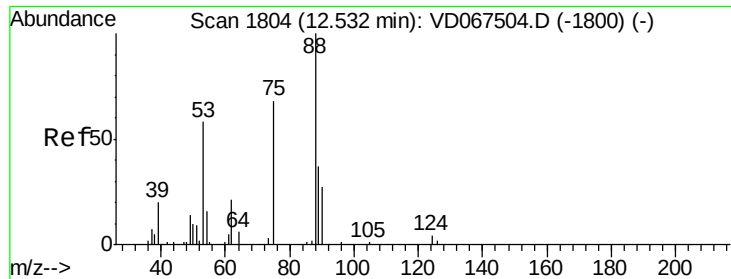
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.775 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion: 105 Resp: 248735
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





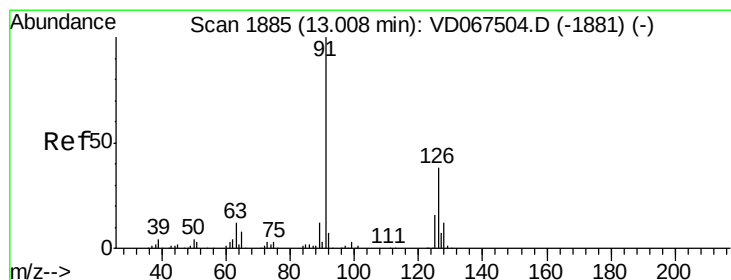
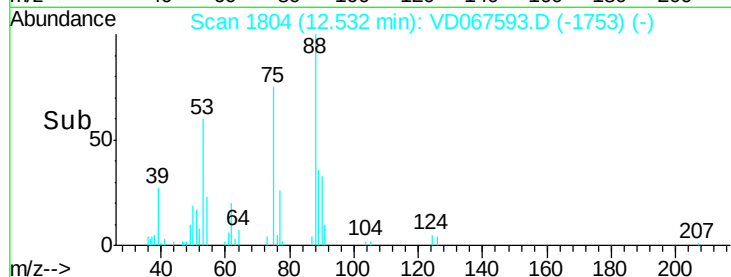
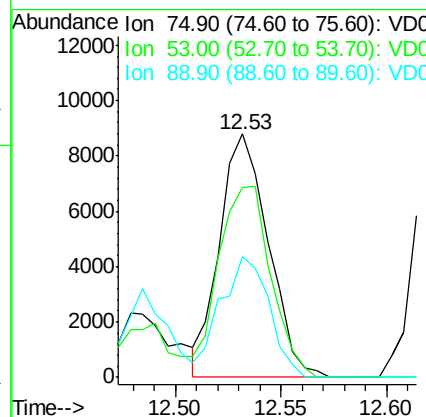
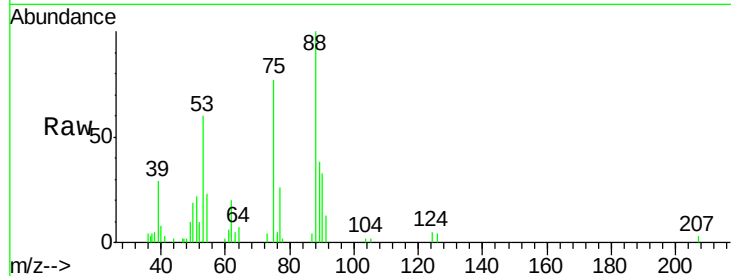
#81
trans-1,4-Dichloro-2-butene
Concen: 22.907 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.4	75.9	113.9
89	49.5	44.6	67.0

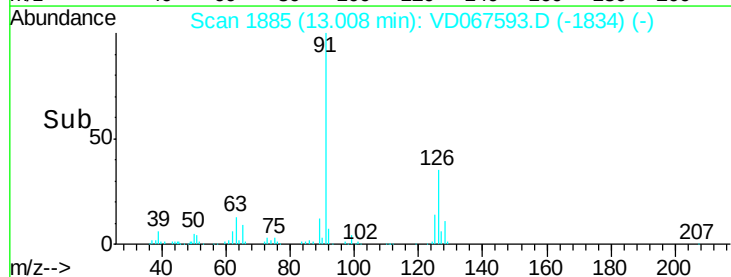
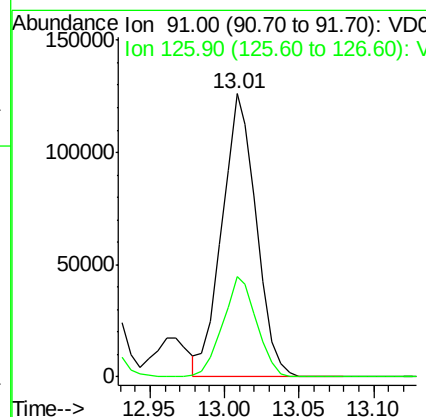
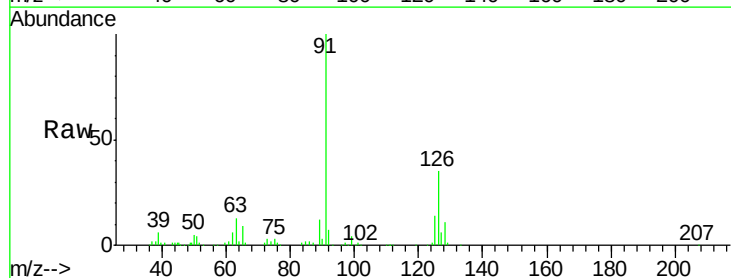
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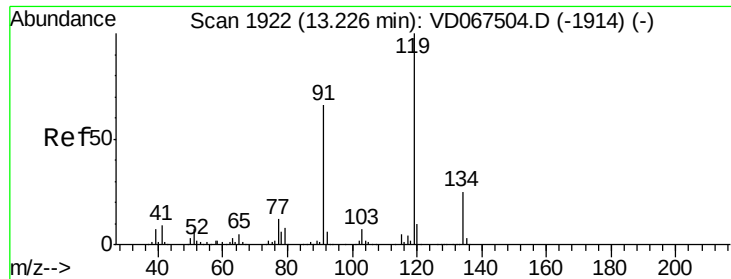
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.668 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.9	53.7





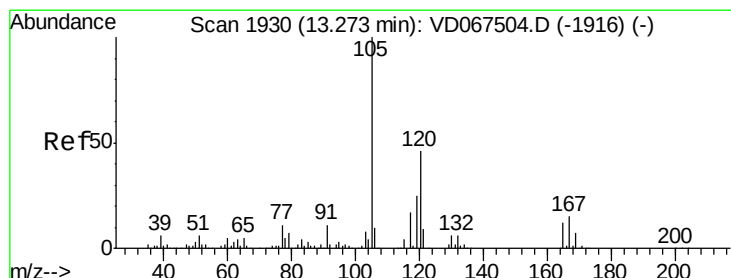
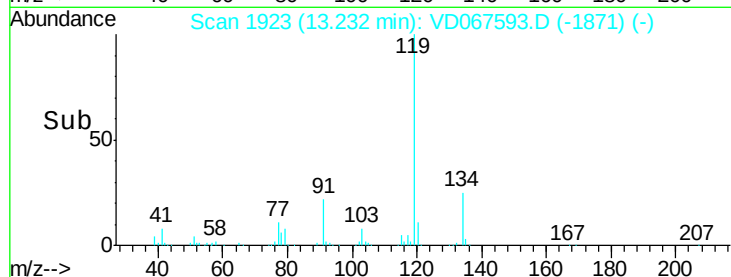
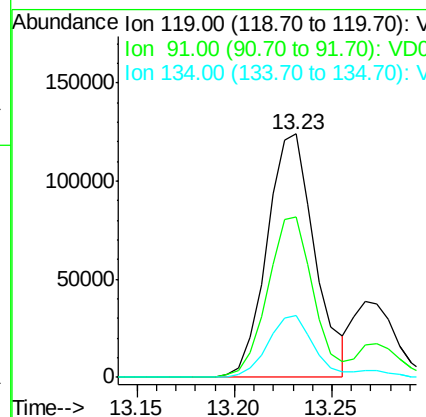
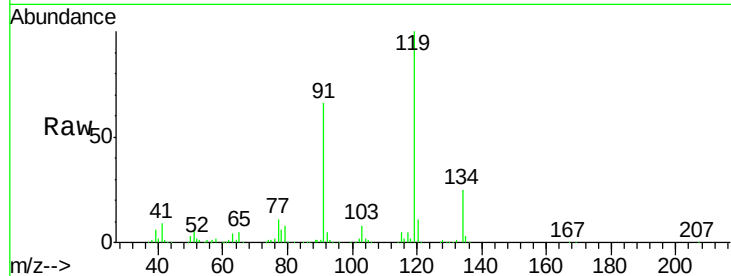
#83
tert-Butylbenzene
Concen: 21.738 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210446		
91	63.1		32.7	98.1
134	24.4		13.4	40.2

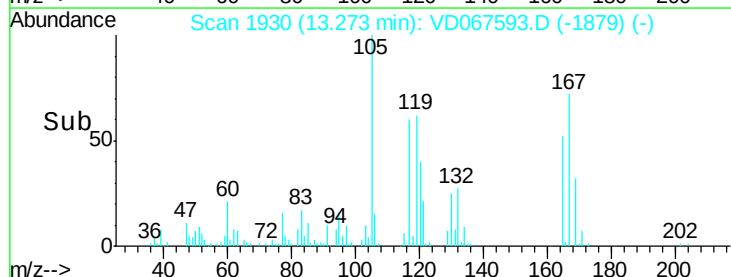
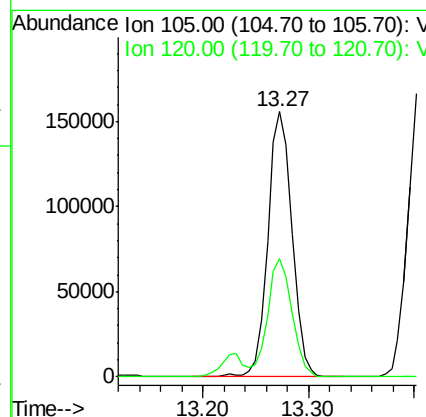
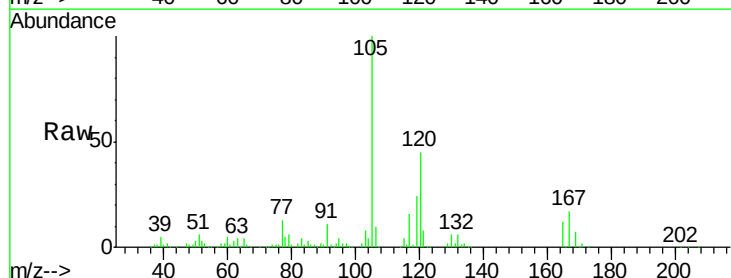
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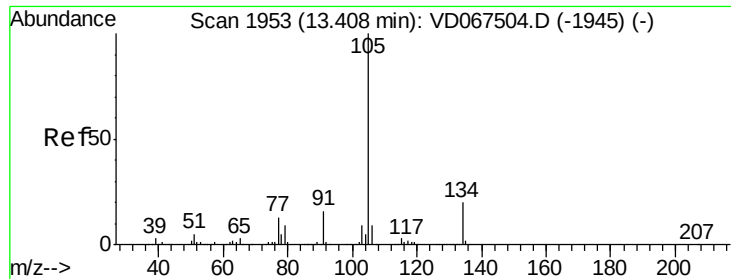
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#84
1,2,4-Trimethylbenzene
Concen: 21.816 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248066		
120	44.9		22.1	66.1





#85

sec-Butylbenzene

Concen: 21.462 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion:105 Resp: 280484

Ion Ratio Lower Upper

105 100

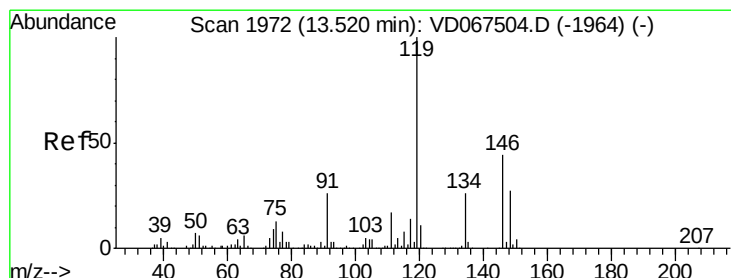
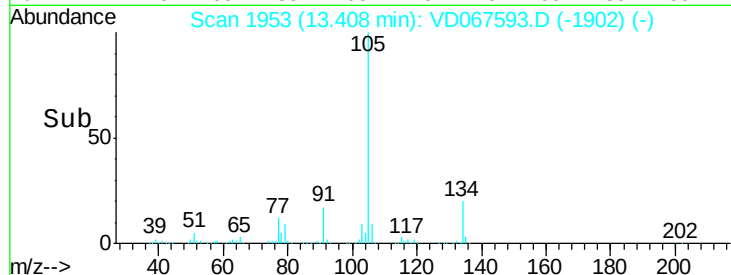
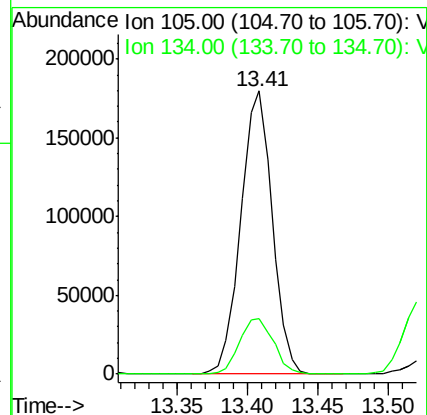
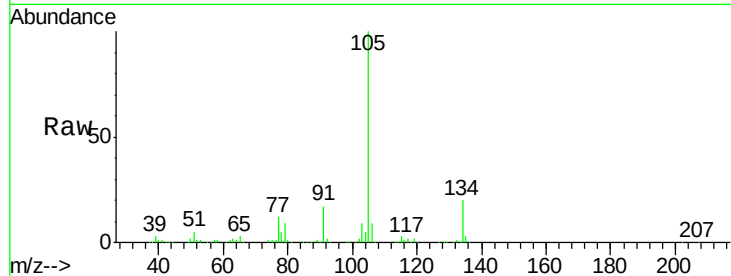
134 21.2 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.476 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067593.D

Acq: 11 Nov 2020 11:03

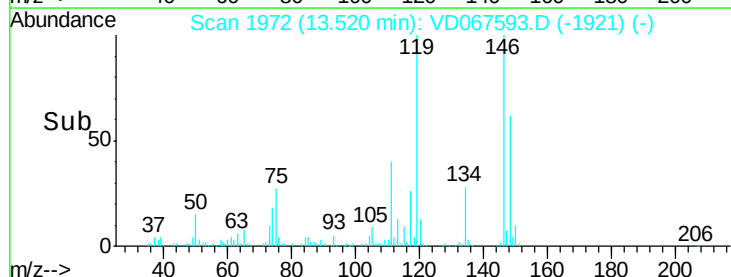
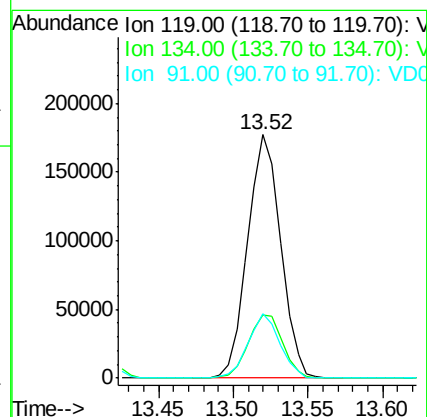
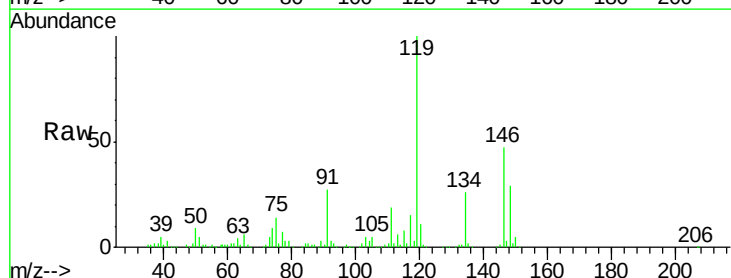
Tgt Ion:119 Resp: 271031

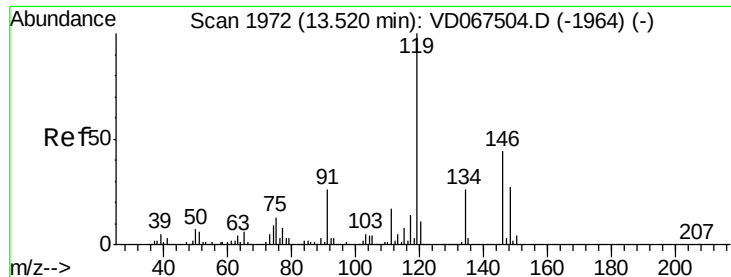
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 25.5 12.2 36.4





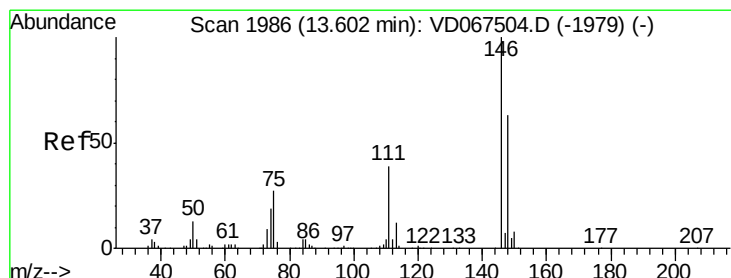
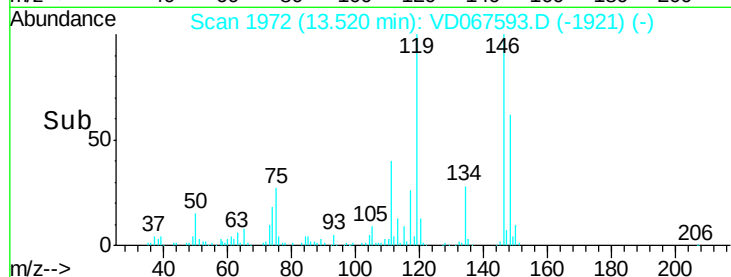
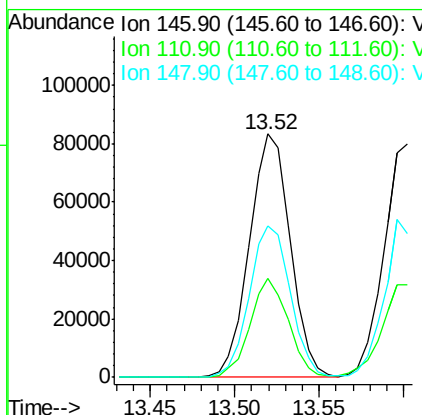
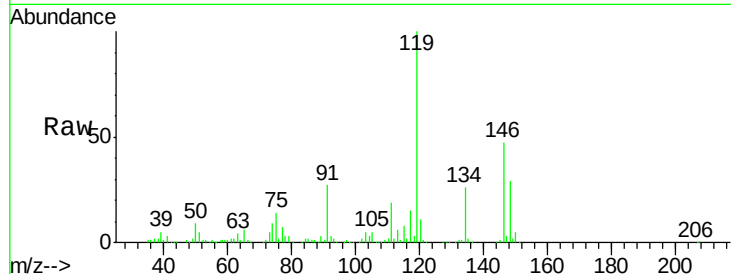
#87
 1,3-Dichlorobenzene
 Concen: 22.305 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.3	60.8
148	62.5	31.9	95.9

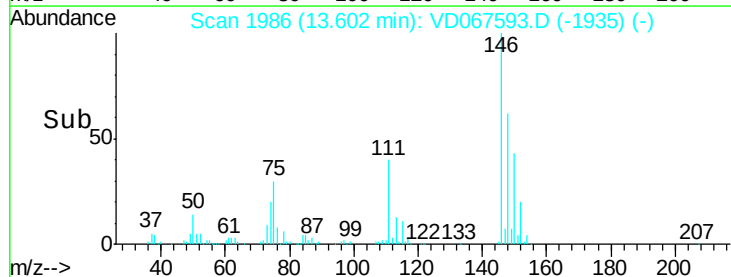
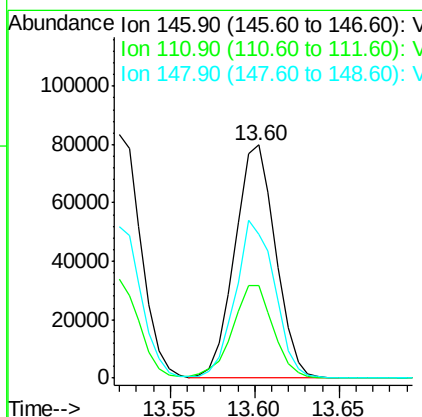
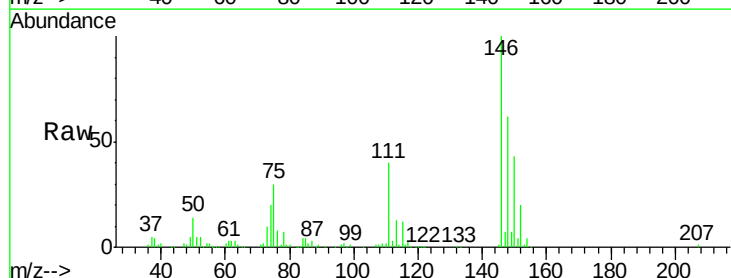
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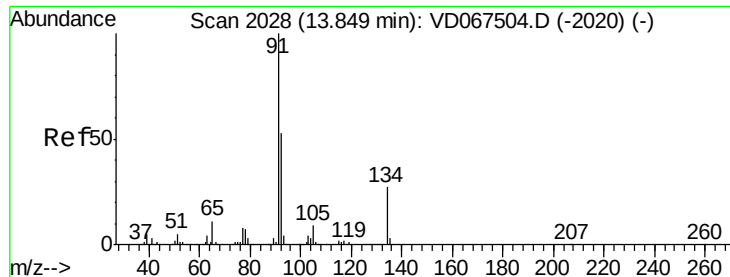
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#88
 1,4-Dichlorobenzene
 Concen: 21.184 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	65.4	31.8	95.4





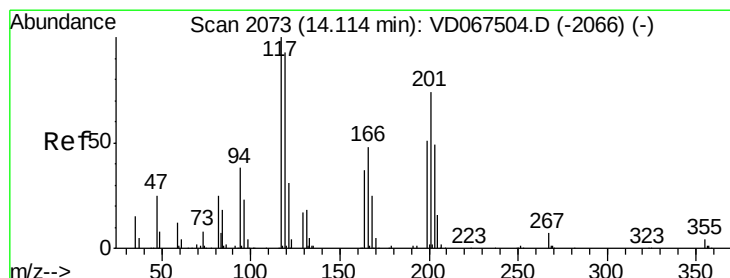
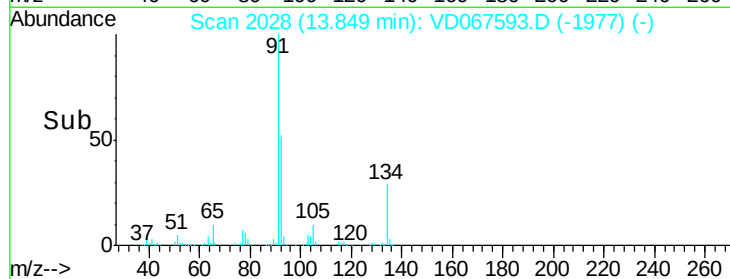
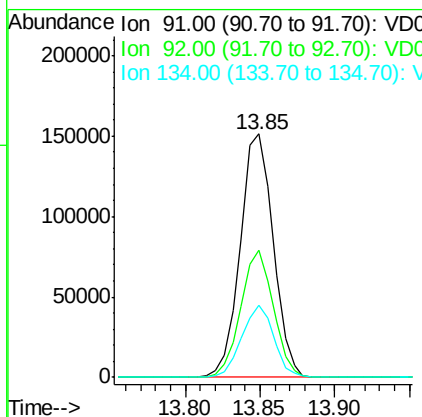
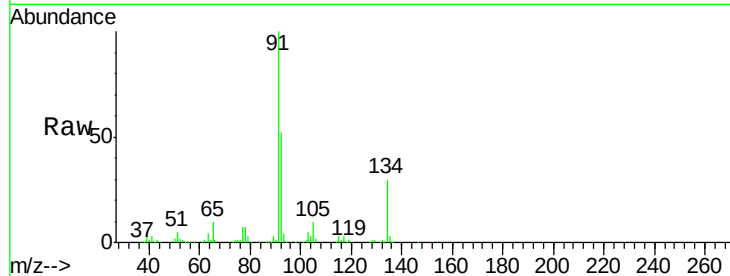
#89
n-Butylbenzene
Concen: 21.284 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.6	79.8
134	28.5	14.1	42.2

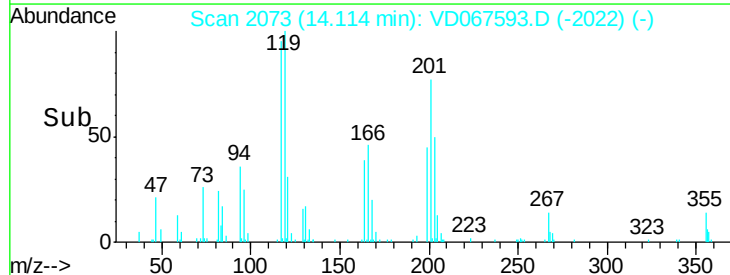
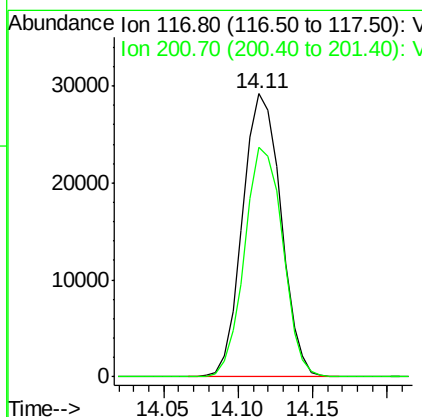
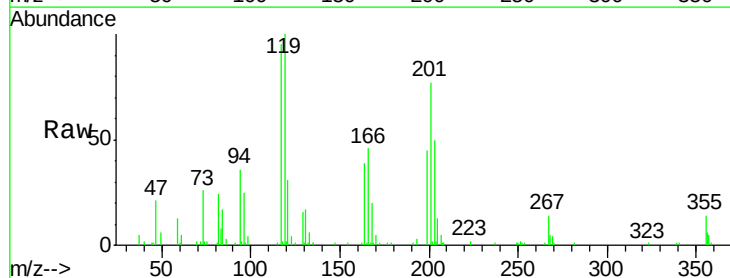
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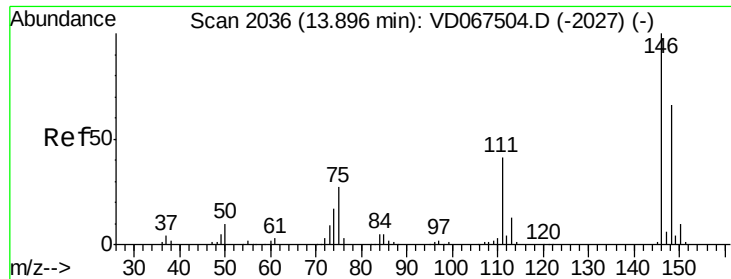
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#90
Hexachloroethane
Concen: 21.907 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.7	122.1





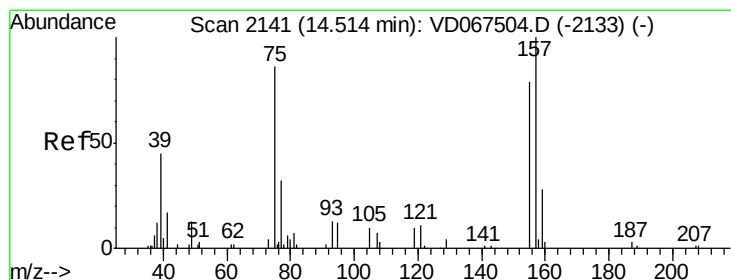
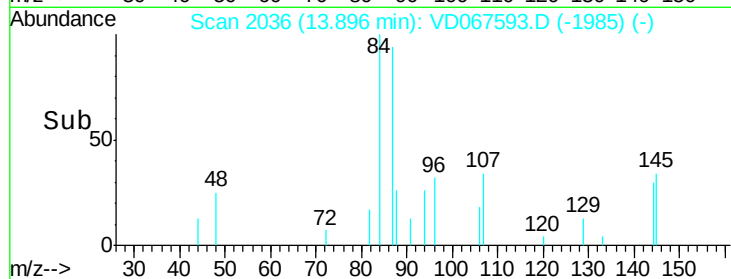
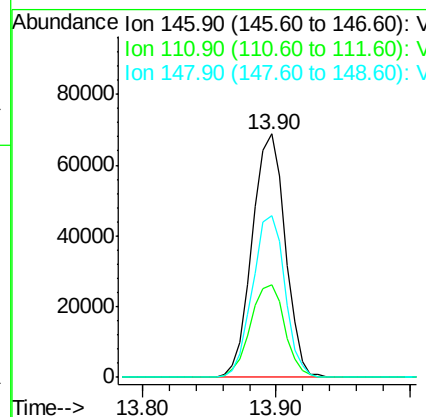
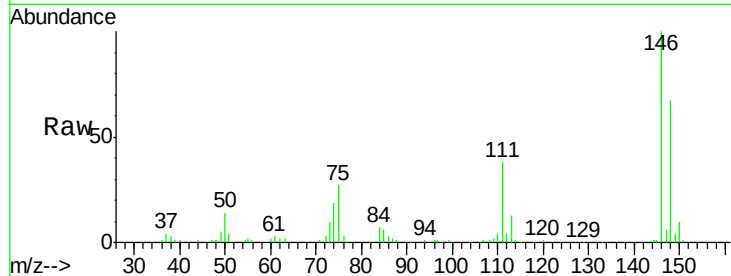
#91
 1,2-Dichlorobenzene
 Concen: 21.598 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.7	62.1
148	65.4	31.5	94.5

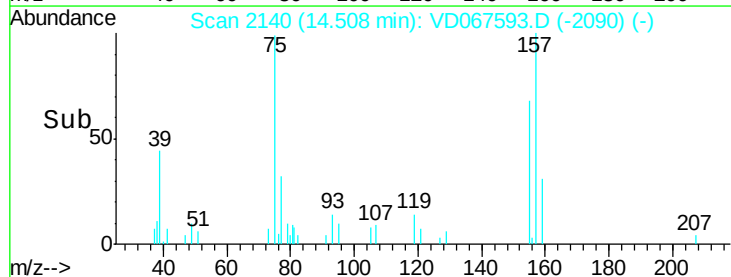
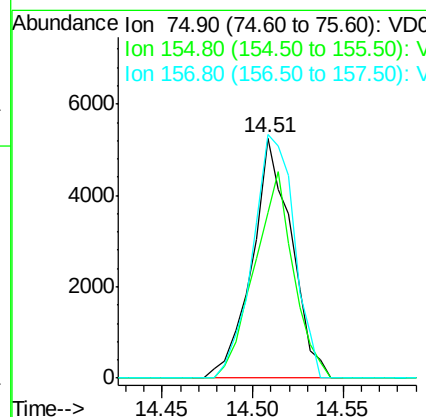
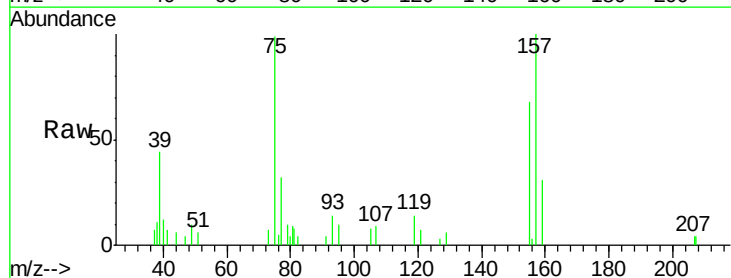
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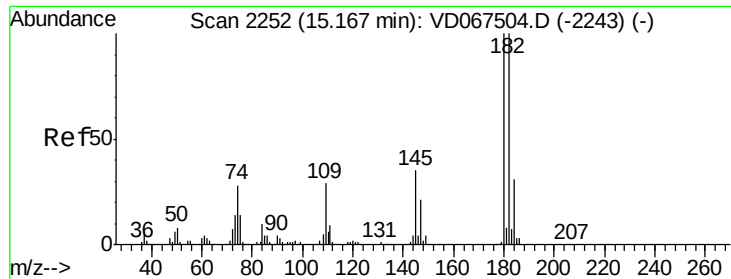
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.464 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	46.6	139.8
157	107.5	58.1	174.2





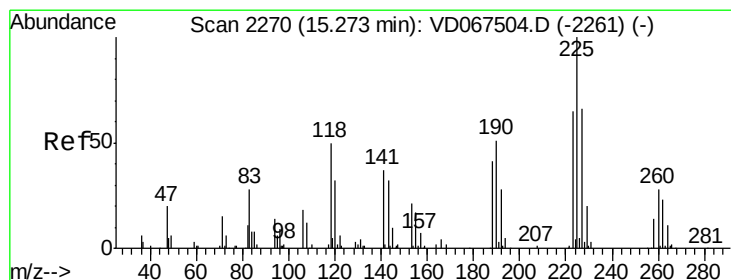
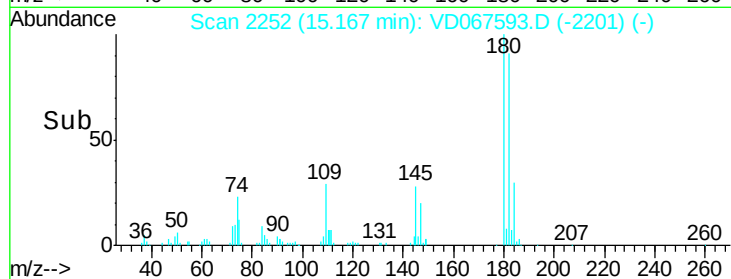
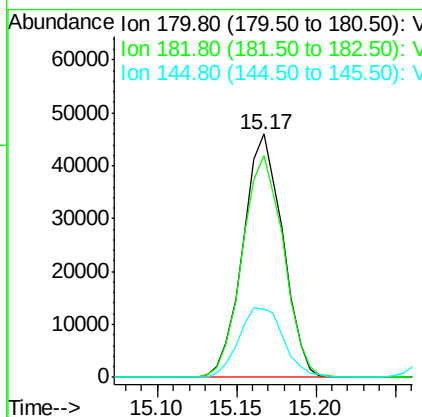
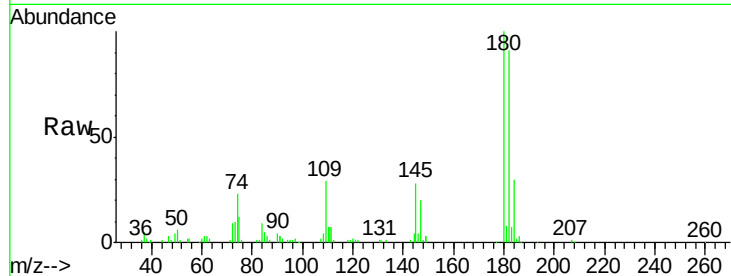
#93
 1,2,4-Trichlorobenzene
 Concen: 21.778 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	32.1	16.2	48.6

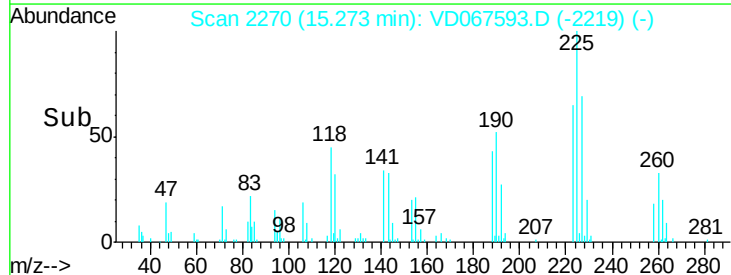
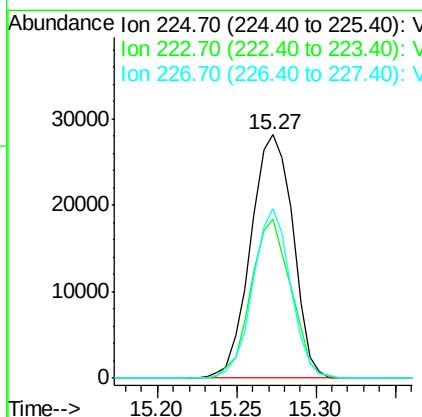
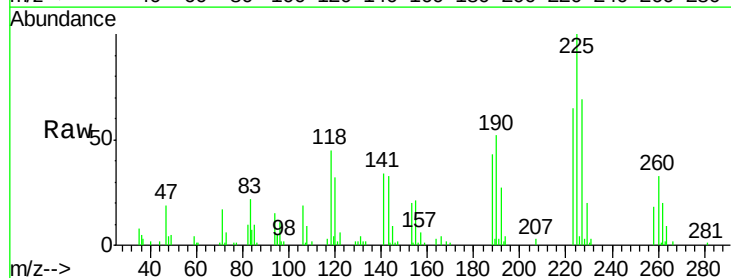
Manual Integrations
 APPROVED

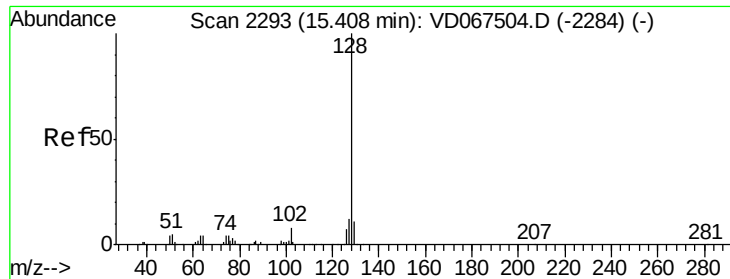
MMDadoda
 11/12/2020 1:11:37 PM



#94
 Hexachlorobutadiene
 Concen: 21.164 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067593.D
 Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.5
227	62.6	32.5	97.4





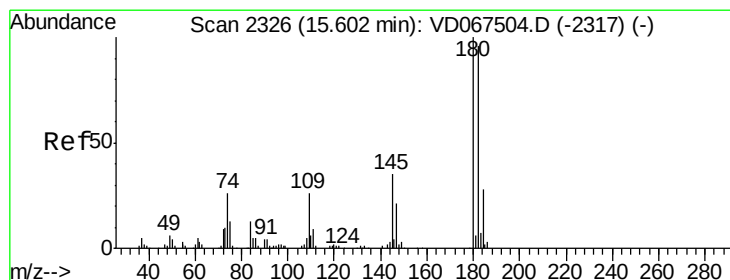
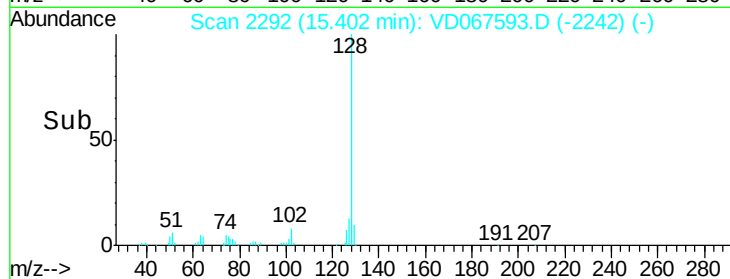
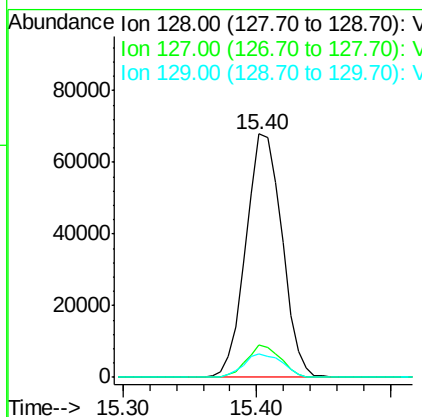
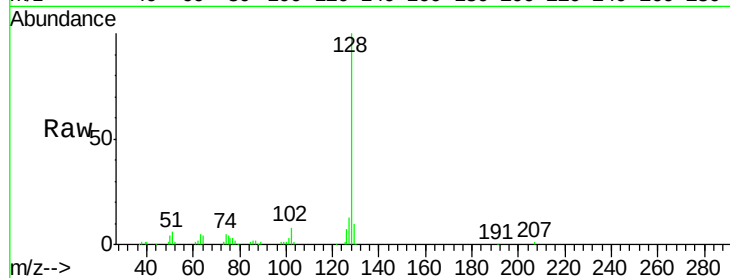
#95
Naphthalene
Concen: 22.375 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	127100		
127	12.5	10.2	15.4	
129	10.4	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
11/12/2020 1:11:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.133 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067593.D
Acq: 11 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69765		
182	93.2	46.9	140.8	
145	33.2	17.1	51.2	

