

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067700.D
 Acq On : 19 Nov 2020 11:33
 Operator : VA/SY
 Sample : VD1119SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:06:30 AM

Quant Time: Nov 20 00:45:55 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	267248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	394701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111203	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.92	113	113646	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.34	98	391882	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	12.64	95	140840	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52358	21.622	ug/l	92
3) Chloromethane	2.21	50	32105	19.291	ug/l	94
4) Vinyl Chloride	2.35	62	34786	18.748	ug/l	99
5) Bromomethane	2.77	94	30808	20.486	ug/l	95
6) Chloroethane	2.93	64	23942	20.930	ug/l	99
7) Trichlorofluoromethane	3.28	101	105231	21.904	ug/l	96
8) Diethyl Ether	3.70	74	20321	20.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	53265	21.965	ug/l	98
10) Methyl Iodide	4.30	142	47652	18.334	ug/l	97
11) Tert butyl alcohol	5.20	59	24236	239.852	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	46893	21.023	ug/l	95
13) Acrolein	3.92	56	4421	66.143	ug/l	94
14) Allyl chloride	4.71	41	46732	19.575	ug/l	96
15) Acrylonitrile	5.43	53	36807	102.859	ug/l	99
16) Acetone	4.16	43	35143	100.498	ug/l	98
17) Carbon Disulfide	4.41	76	128059	18.735	ug/l	100
18) Methyl Acetate	4.71	43	15082	20.871	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	95367	21.675	ug/l	95
20) Methylene Chloride	4.96	84	60374	24.441	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	52955	20.383	ug/l	97
22) Diisopropyl ether	6.36	45	98710	21.218	ug/l	97
23) Vinyl Acetate	6.31	43	257060	105.561	ug/l	99
24) 1,1-Dichloroethane	6.27	63	82596	21.702	ug/l	98
25) 2-Butanone	7.21	43	39995	107.039	ug/l	98
26) 2,2-Dichloropropane	7.21	77	89615	22.311	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	58001	21.508	ug/l	97
28) Bromochloromethane	7.55	49	25876	19.114	ug/l	95
29) Tetrahydrofuran	7.57	42	23931	106.922	ug/l	99
30) Chloroform	7.71	83	103102	22.708	ug/l	95
31) Cyclohexane	7.99	56	66294	19.560	ug/l #	84
32) 1,1,1-Trichloroethane	7.90	97	104806	22.372	ug/l	99
36) 1,1-Dichloropropene	8.11	75	71401	21.133	ug/l	99
37) Ethyl Acetate	7.29	43	17663	20.137	ug/l #	91
38) Carbon Tetrachloride	8.10	117	98025	22.331	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82180	20.666	ug/l	91
40) Benzene	8.36	78	197231	21.551	ug/l	100
41) Methacrylonitrile	7.53	41	12598	24.028	ug/l	87
42) 1,2-Dichloroethane	8.43	62	64635	22.859	ug/l	100
43) Isopropyl Acetate	8.46	43	36870	21.254	ug/l	99
44) Trichloroethene	9.11	130	64350	21.385	ug/l	87
45) 1,2-Dichloropropane	9.39	63	42818	21.640	ug/l	99
46) Dibromomethane	9.48	93	26523	21.082	ug/l	94
47) Bromodichloromethane	9.66	83	76883	22.484	ug/l	98
48) Methyl methacrylate	9.46	41	16164	18.047	ug/l #	78
49) 1,4-Dioxane	9.47	88	5370	420.457	ug/l #	31
51) 4-Methyl-2-Pentanone	10.23	43	89389	107.745	ug/l	98
52) Toluene	10.41	92	137025	22.354	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	66067	22.559	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	74409	21.384	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	37507	22.532	ug/l	97
56) Ethyl methacrylate	10.66	69	35869	20.866	ug/l	98
57) 1,3-Dichloropropane	10.95	76	57925	21.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83918	104.686	ug/l	98
59) 2-Hexanone	10.98	43	61929	106.760	ug/l	100
60) Dibromochloromethane	11.14	129	56193	22.820	ug/l	100
61) 1,2-Dibromoethane	11.25	107	36208	21.673	ug/l	95
64) Tetrachloroethene	10.88	164	58554	22.204	ug/l	97
65) Chlorobenzene	11.67	112	152352	22.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	60453	22.362	ug/l	100
67) Ethyl Benzene	11.75	91	262365	22.353	ug/l	100
68) m/p-Xylenes	11.86	106	207850	45.519	ug/l	99
69) o-Xylene	12.18	106	92166	22.607	ug/l	97
70) Styrene	12.20	104	161101	22.677	ug/l	100
71) Bromoform	12.36	173	30420	22.064	ug/l #	96
73) Isopropylbenzene	12.48	105	267009	22.662	ug/l	98
74) N-amyl acetate	12.29	43	32726	21.109	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	36910	22.973	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	25878m	23.530	ug/l	
77) Bromobenzene	12.77	156	62827	21.713	ug/l	98
78) n-propylbenzene	12.83	91	298298	22.134	ug/l	98
79) 2-Chlorotoluene	12.91	91	168779	22.047	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	226660	22.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11415	21.073	ug/l	94
82) 4-Chlorotoluene	13.01	91	180575	21.993	ug/l	99
83) tert-Butylbenzene	13.23	119	195268	22.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	223362	22.294	ug/l	97
85) sec-Butylbenzene	13.41	105	257319	22.346	ug/l	99
86) p-Isopropyltoluene	13.52	119	246592	22.176	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	122372	22.164	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	121146	21.669	ug/l	98
89) n-Butylbenzene	13.85	91	208382	21.695	ug/l	99
90) Hexachloroethane	14.11	117	47020	22.454	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	106847	22.360	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6127	21.539	ug/l	99

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ClientSampleId :
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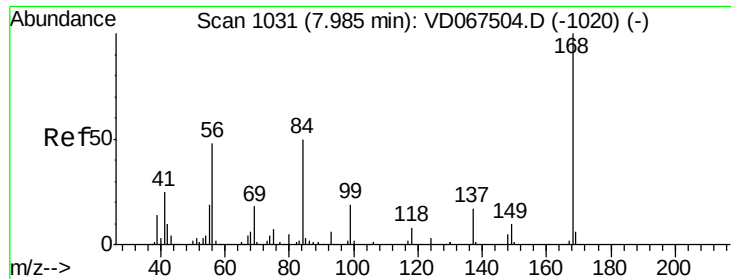
Manual Integrations
APPROVED

MMDadoda
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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	69131	21.315	ug/l	99
94) Hexachlorobutadiene	15.27	225	45070	20.764	ug/l	99
95) Naphthalene	15.41	128	108834	21.744	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	58818	21.178	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion:168 Resp: 267248

Ion Ratio Lower Upper

168 100

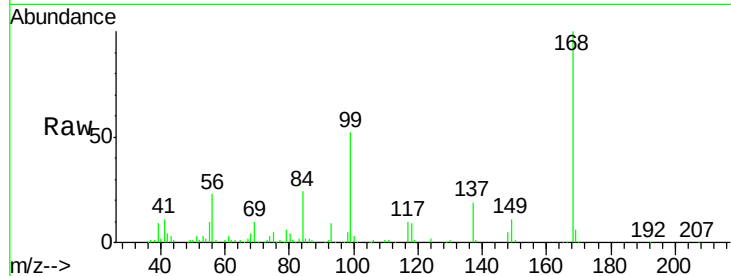
99 52.0 45.0 67.6

Manual Integrations

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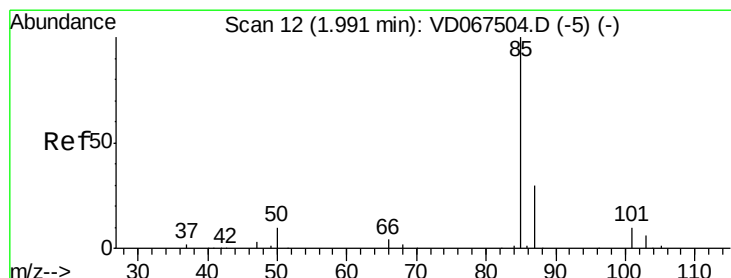
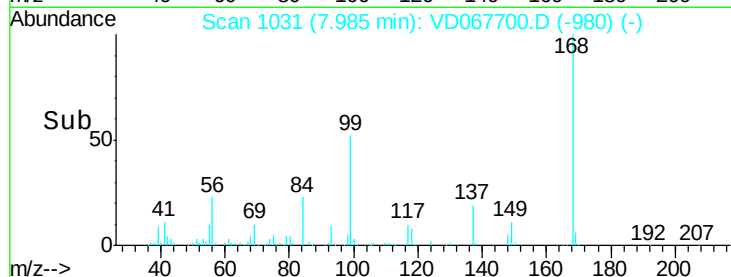
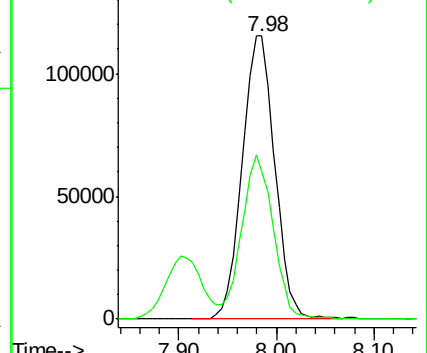
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11/20/2020 10:06:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.622 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067700.D

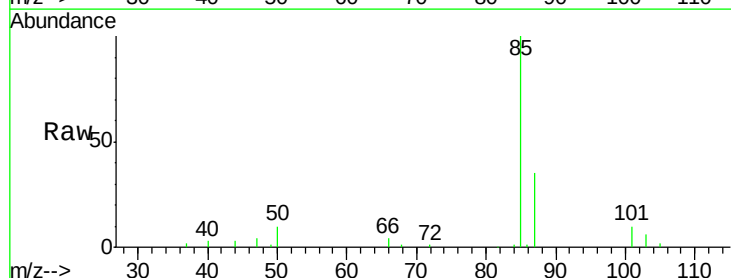
Acq: 19 Nov 2020 11:33

Tgt Ion: 85 Resp: 52358

Ion Ratio Lower Upper

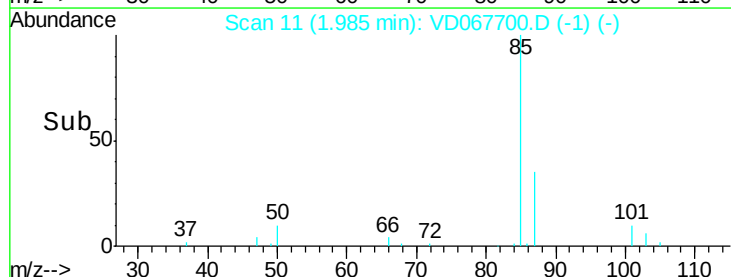
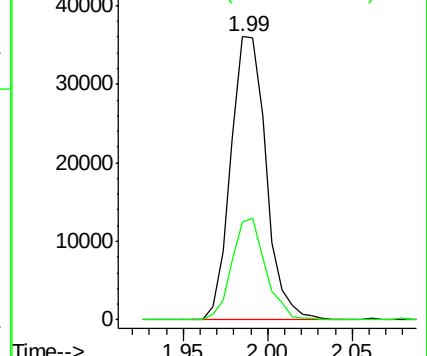
85 100

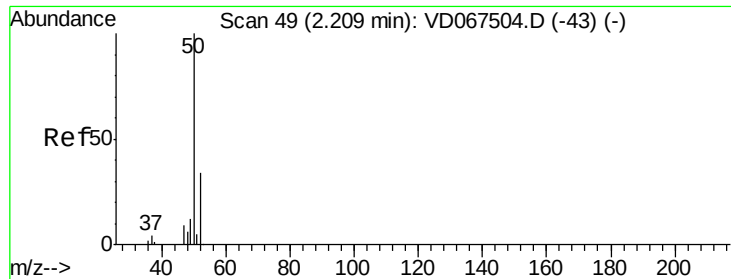
87 34.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.291 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 50 Resp: 32105

Ion Ratio Lower Upper

50 100

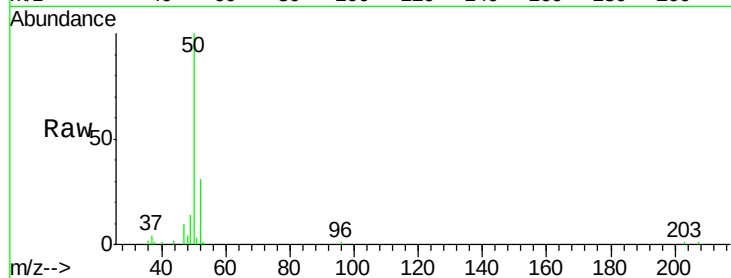
52 30.9 27.3 40.9

Manual Integrations

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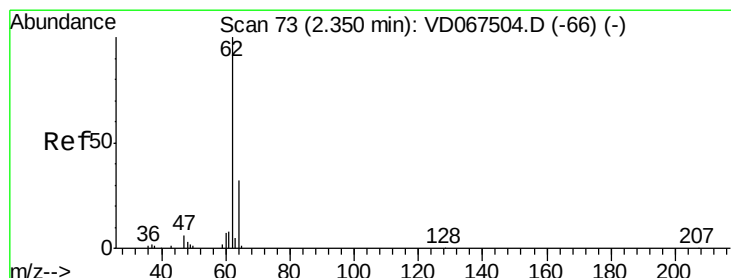
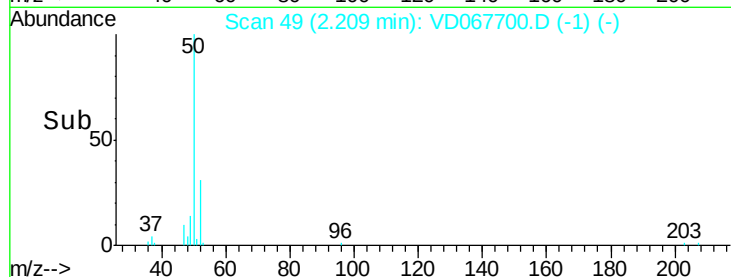
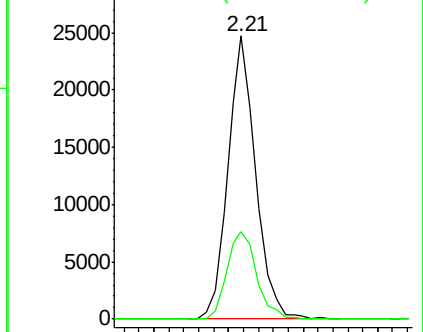
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.748 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067700.D

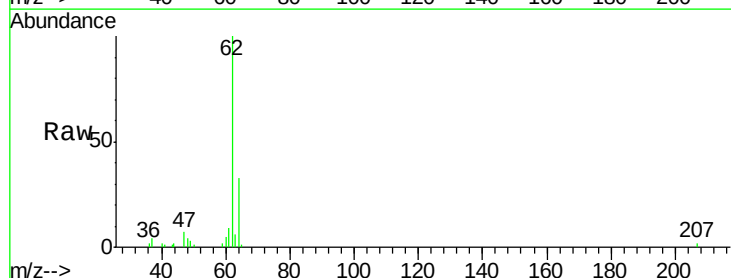
Acq: 19 Nov 2020 11:33

Tgt Ion: 62 Resp: 34786

Ion Ratio Lower Upper

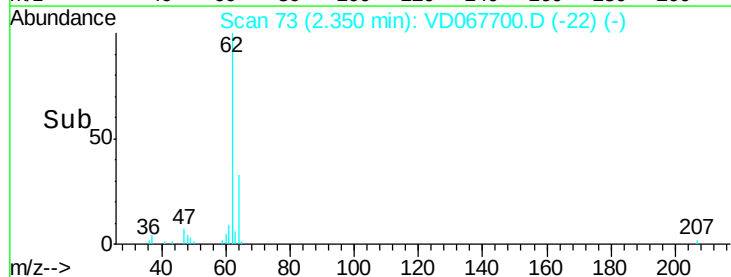
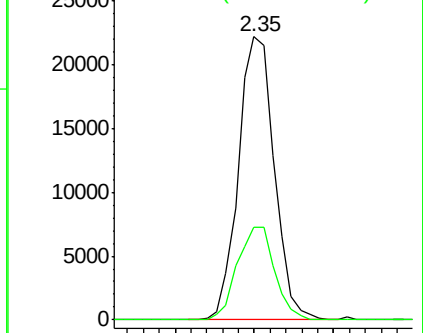
62 100

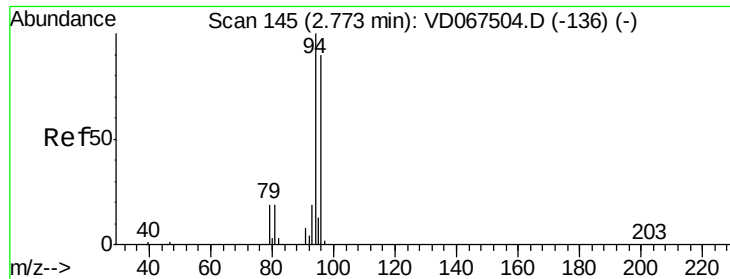
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.486 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 94 Resp: 30808

Ion Ratio Lower Upper

94 100

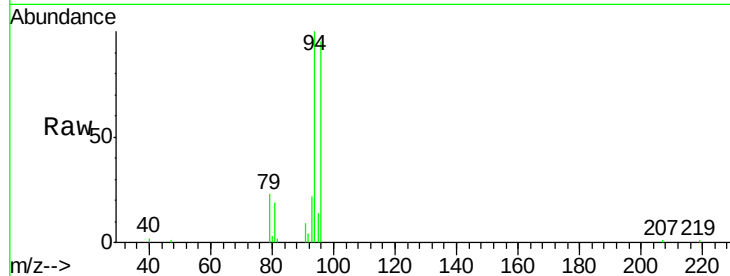
96 94.6 72.2 108.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

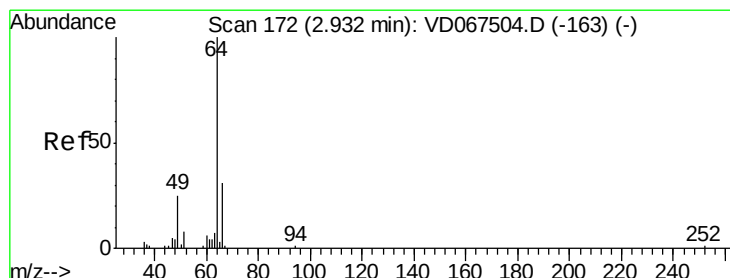
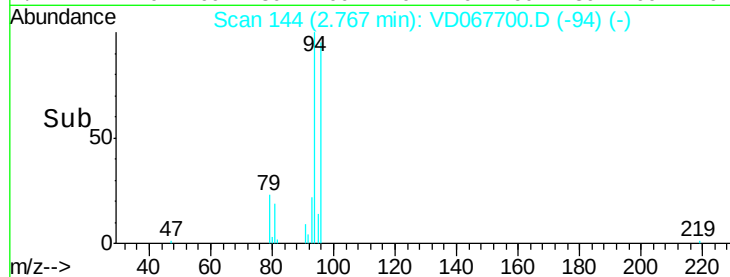
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.930 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067700.D

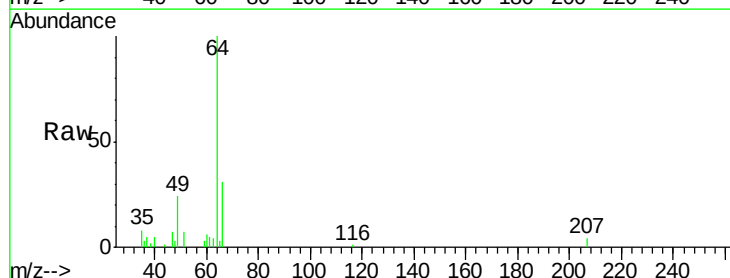
Acq: 19 Nov 2020 11:33

Tgt Ion: 64 Resp: 23942

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

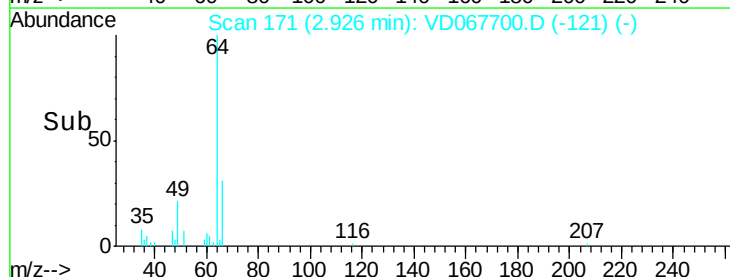
2.93

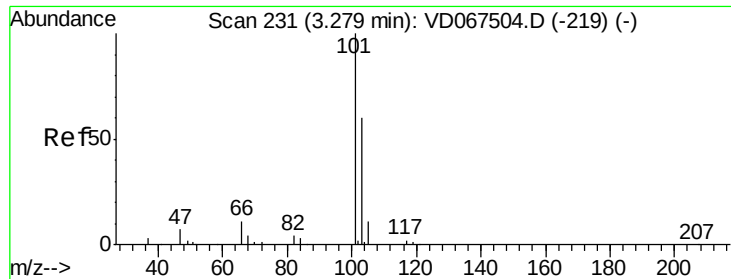
10000

5000

0

Time-->





#7

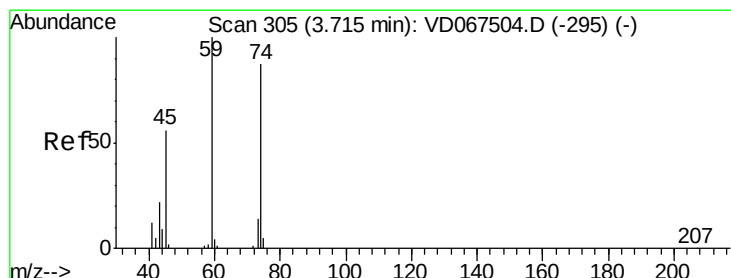
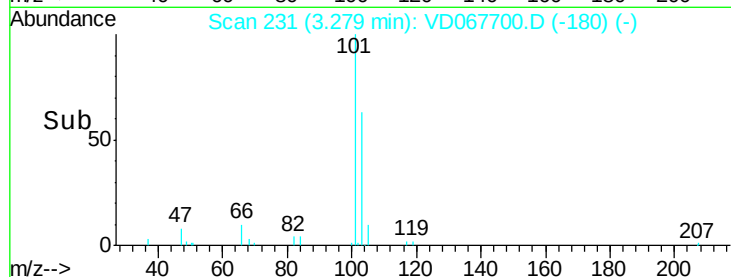
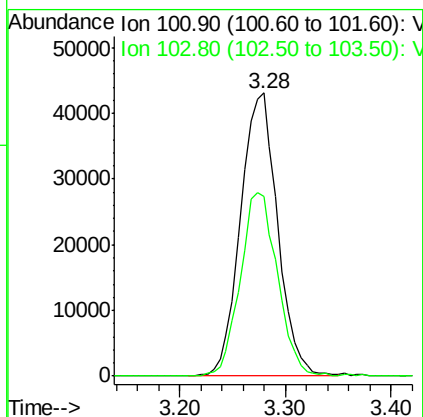
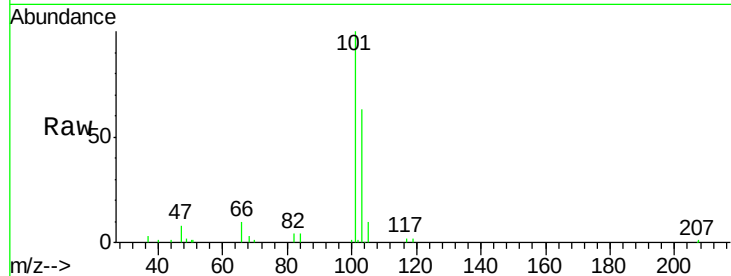
Trichlorofluoromethane
Concen: 21.904 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		105231		
103	63.4	48.1	72.1		

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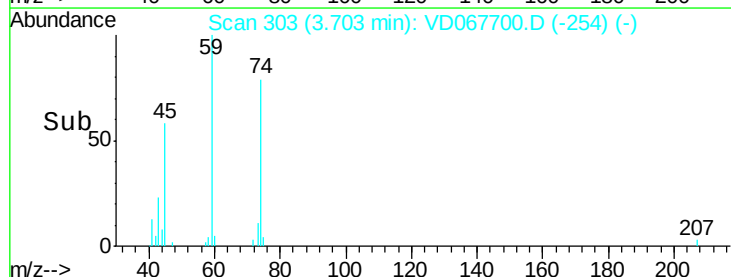
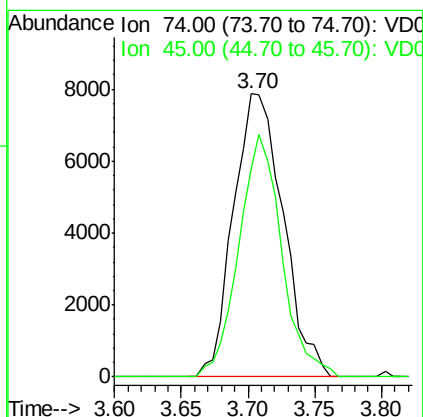
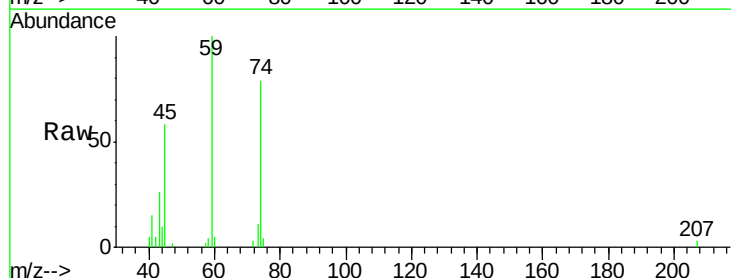
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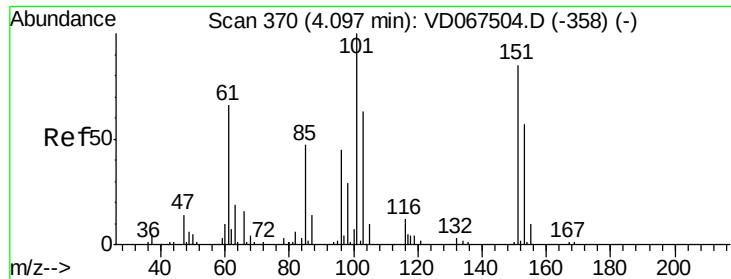


#8

Diethyl Ether
Concen: 20.992 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		20321		
45	73.6	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.965 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

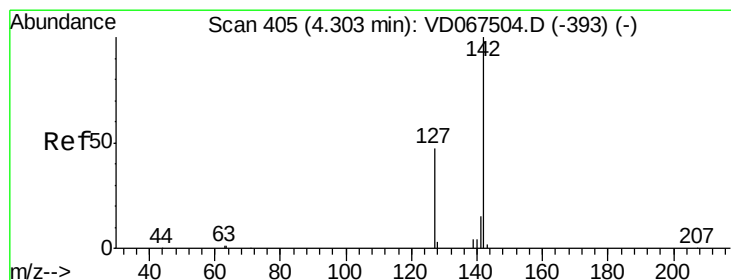
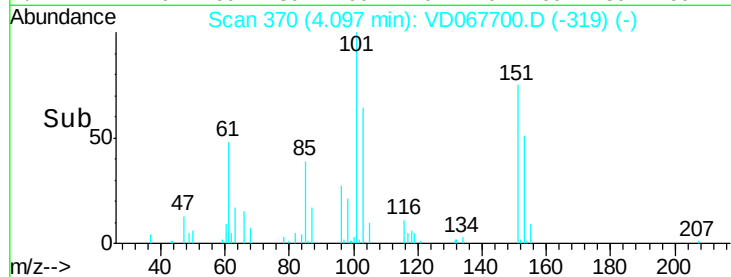
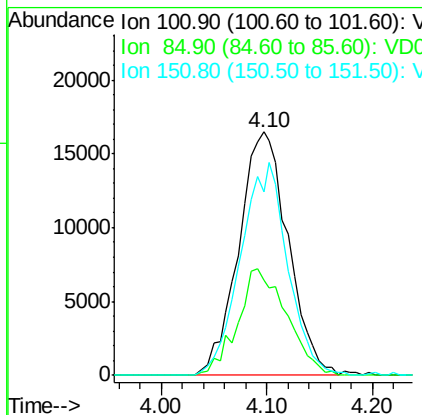
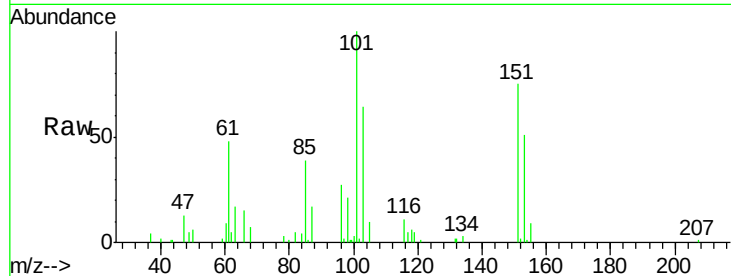
ClientSampleId :

VD1119SBS01

Tot Ion:	101	Resp:	53265
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.4	51.6
151	83.4	68.1	102.1

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#10

Methyl Iodide

Concen: 18.334 ug/l

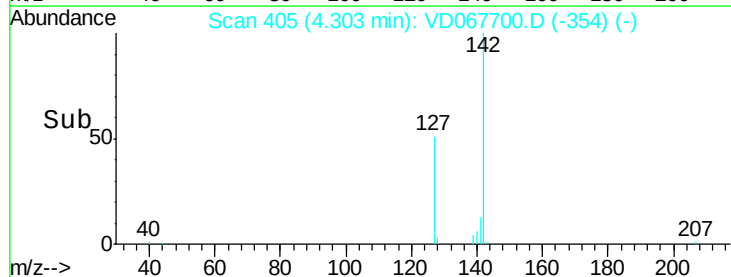
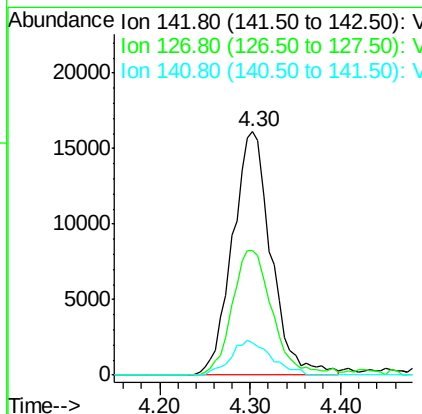
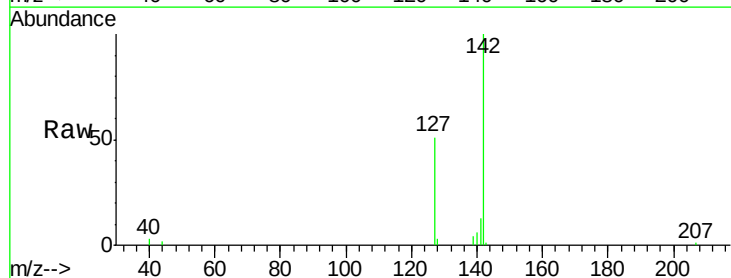
RT: 4.30 min Scan# 405

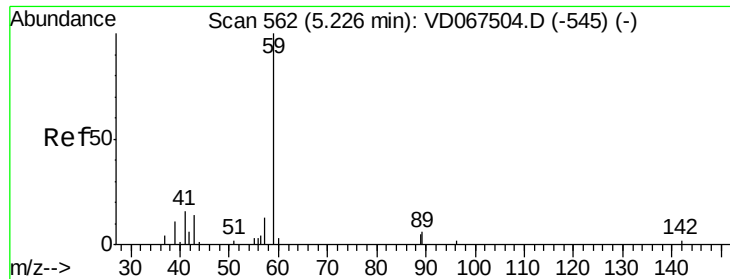
Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	142	Resp:	47652
Ion Ratio	Lower	Upper	
142	100		
127	52.8	40.0	60.0
141	14.8	11.7	17.5





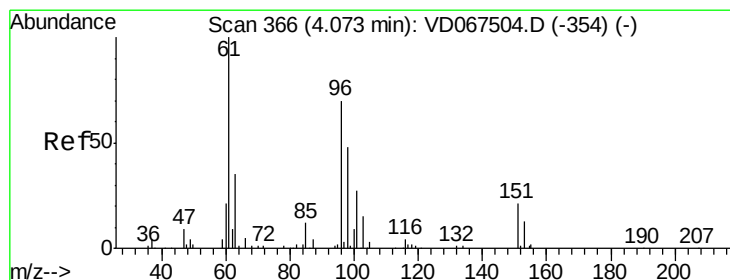
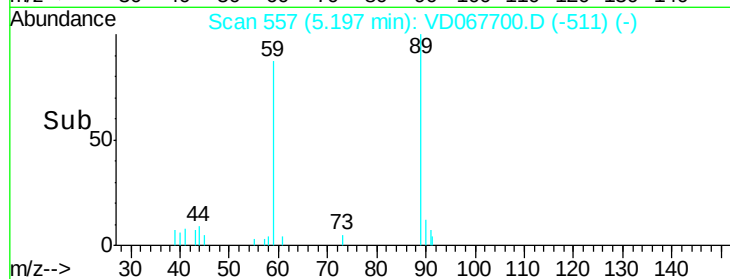
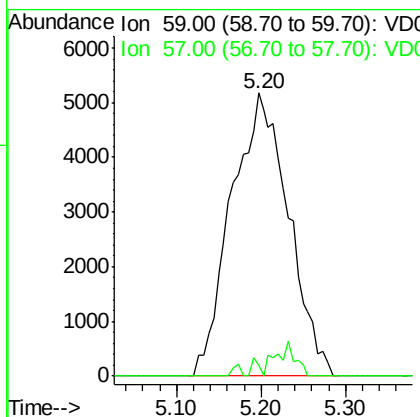
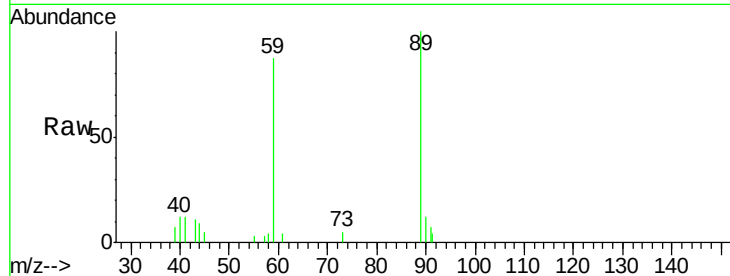
#11
Tert butyl alcohol
Concen: 239.852 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion: 59 Resp: 24236
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#

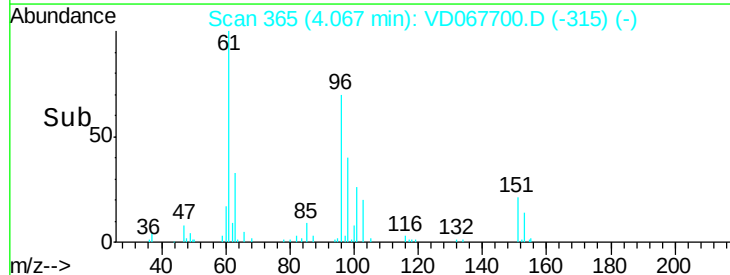
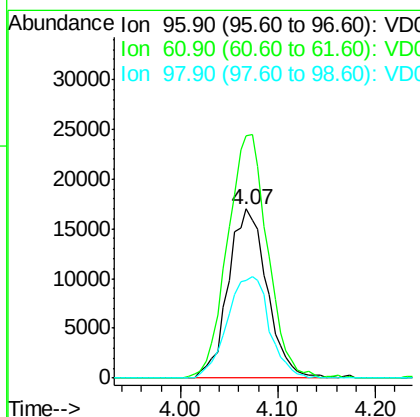
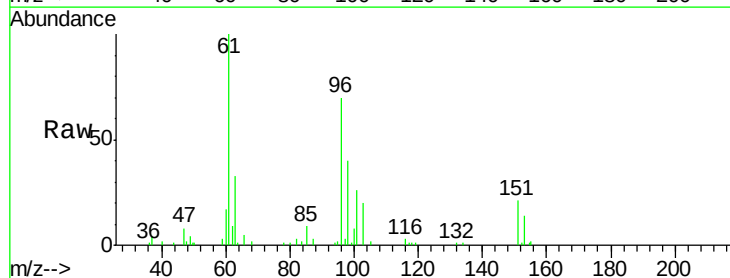
Manual Integrations
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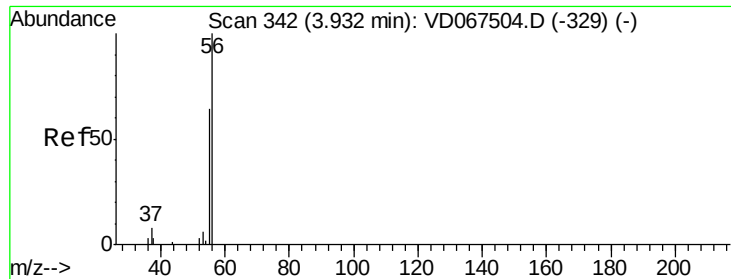
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.023 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 96 Resp: 46893
Ion Ratio Lower Upper
96 100
61 142.0 114.5 171.7
98 57.8 54.5 81.7





#13

Acrolein

Concen: 66.143 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 56 Resp: 4421

Ion Ratio Lower Upper

56 100

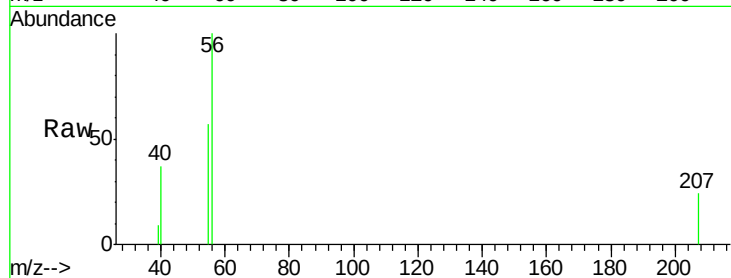
55 74.8 55.8 83.8

Manual Integrations

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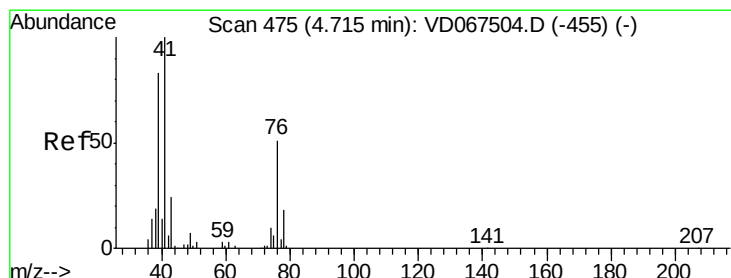
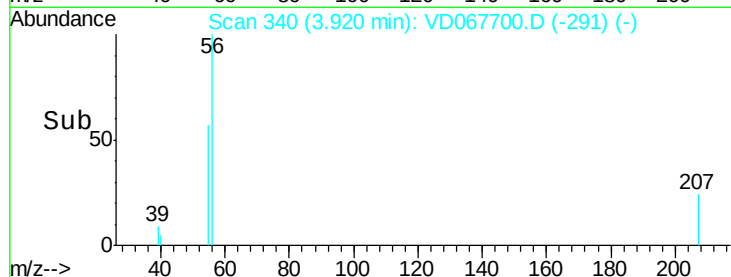
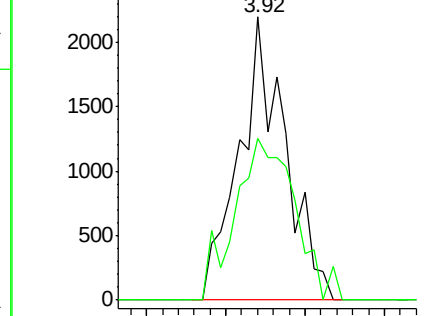
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.575 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

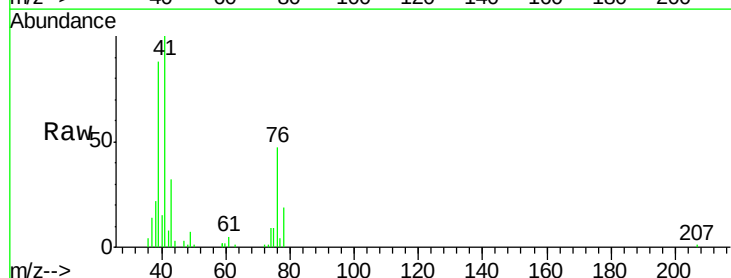
Tgt Ion: 41 Resp: 46732

Ion Ratio Lower Upper

41 100

39 88.7 67.4 101.0

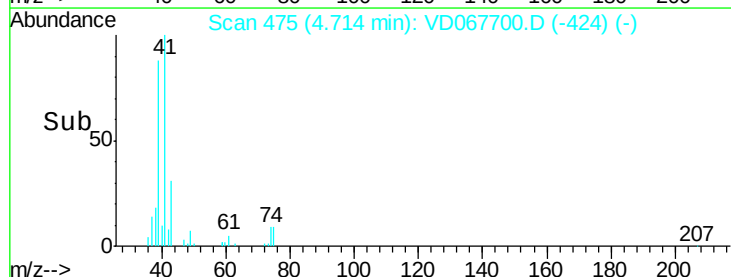
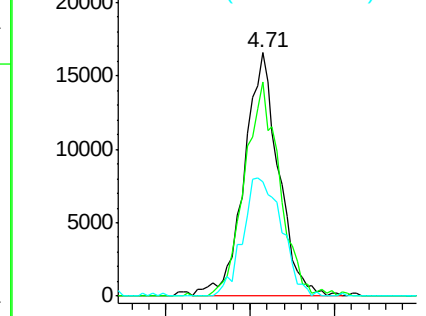
76 55.0 42.2 63.2

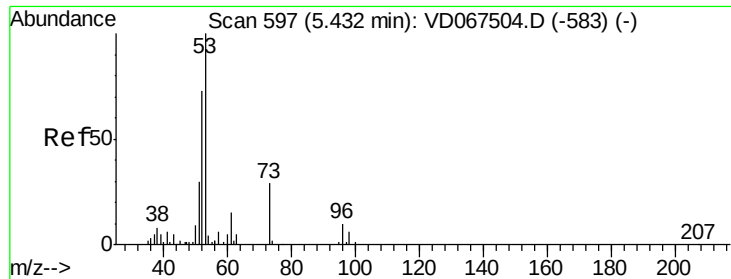


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 102.859 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

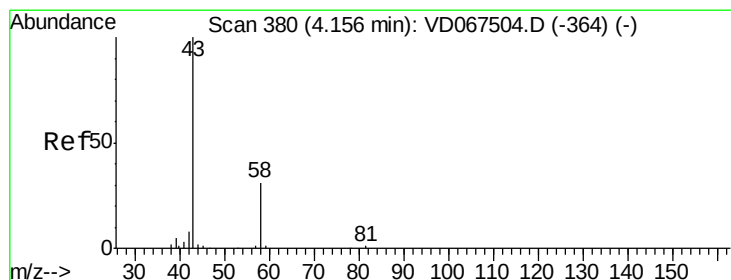
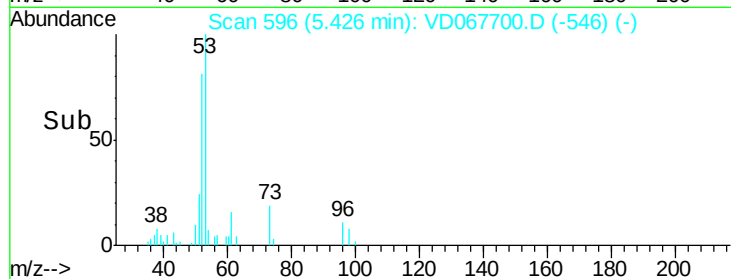
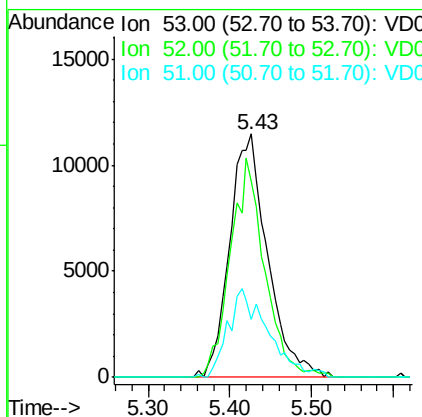
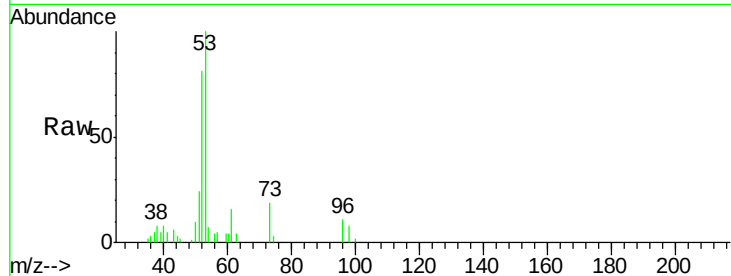
ClientSampleId :

VD1119SBS01

Tot Ion:	53	Resp:	36807
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.8	97.2
51	37.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 100.498 ug/l

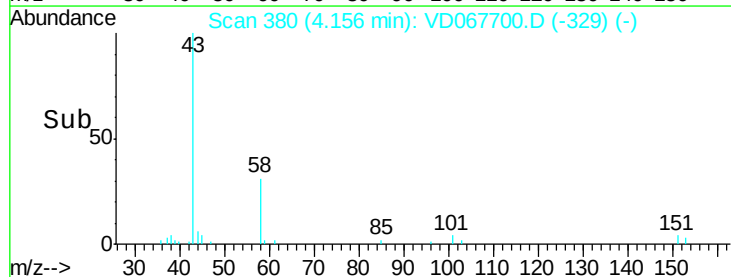
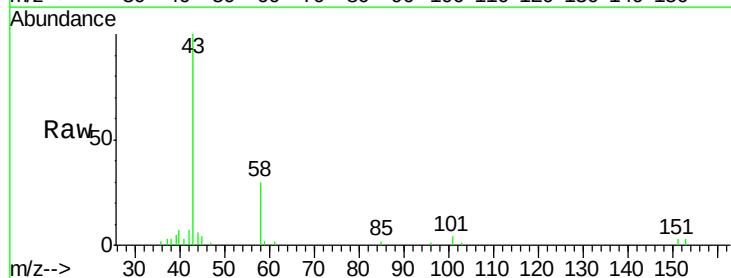
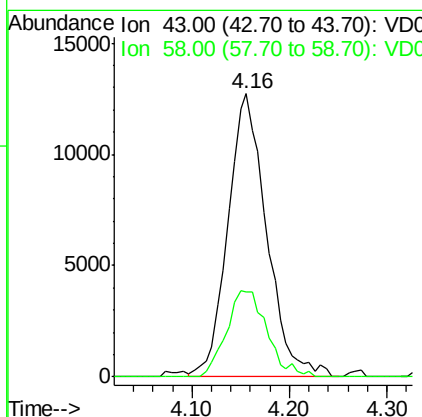
RT: 4.16 min Scan# 380

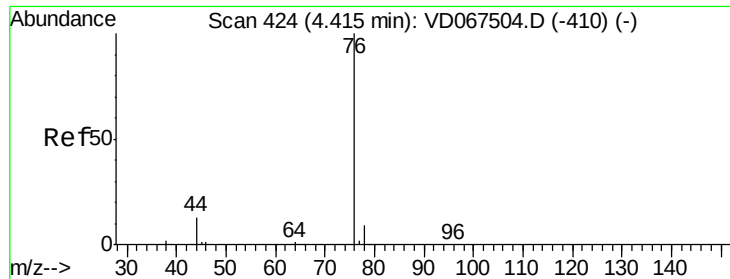
Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	43	Resp:	35143
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.2	37.8





#17

Carbon Disulfide

Concen: 18.735 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 76 Resp: 128059

Ion Ratio Lower Upper

76 100

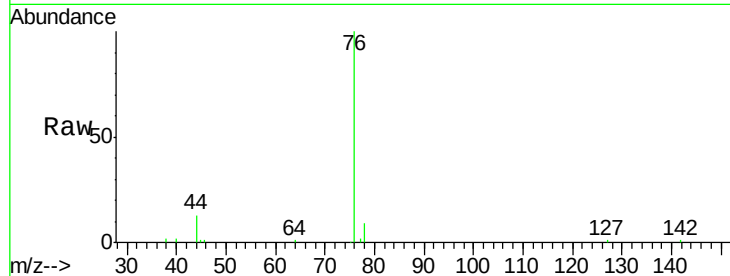
78 8.9 7.2 10.8

Manual Integrations

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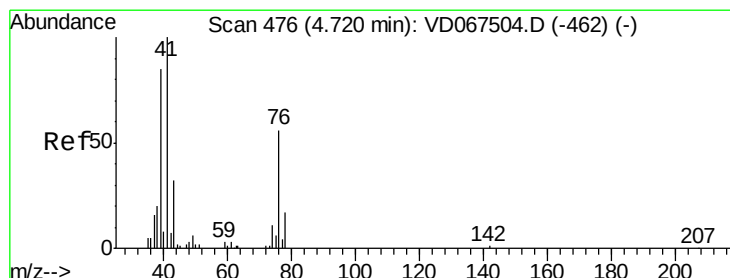
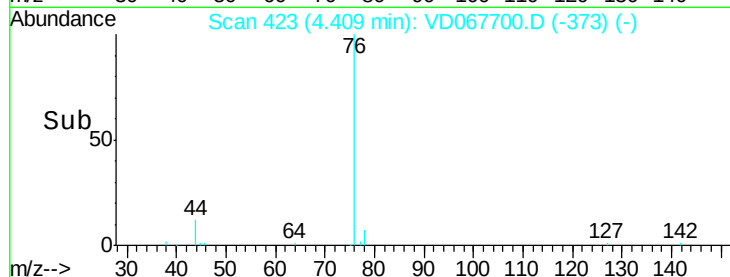
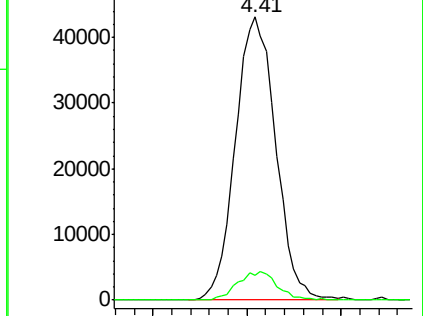
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.871 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067700.D

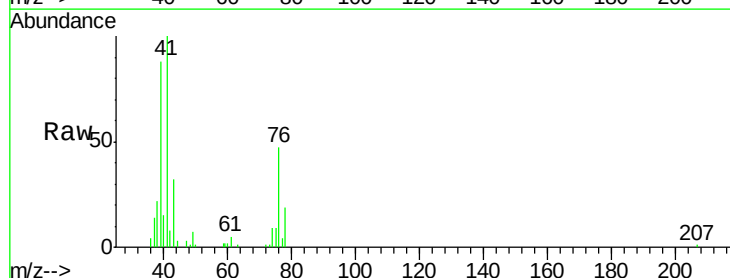
Acq: 19 Nov 2020 11:33

Tgt Ion: 43 Resp: 15082

Ion Ratio Lower Upper

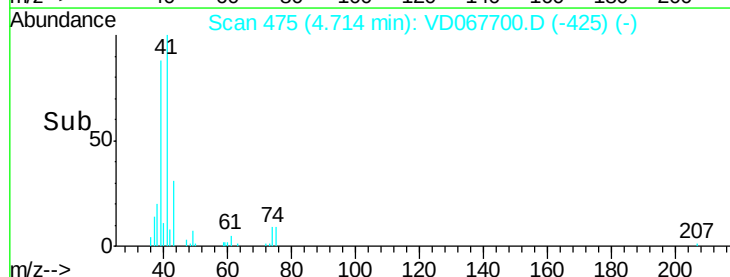
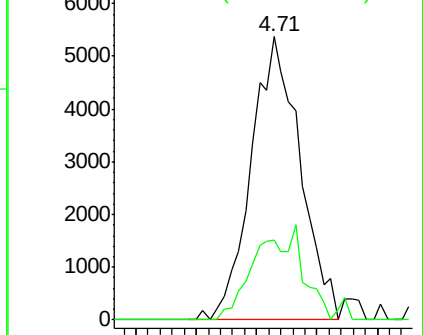
43 100

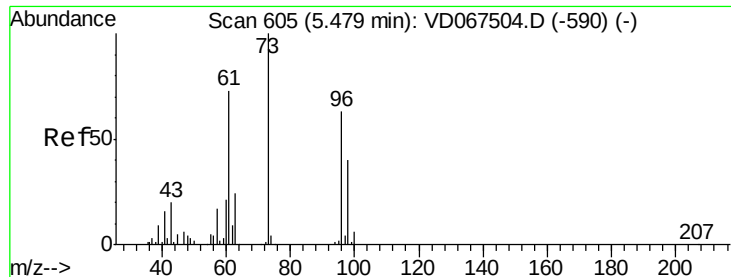
74 32.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





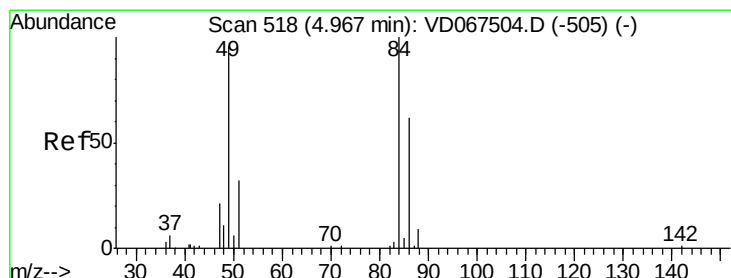
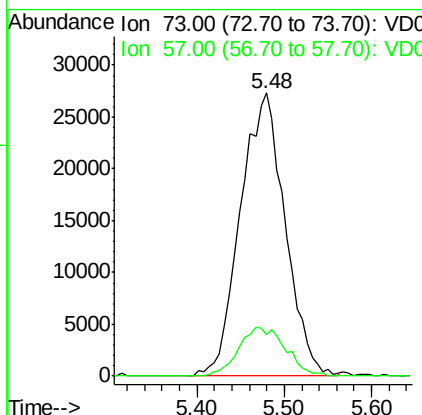
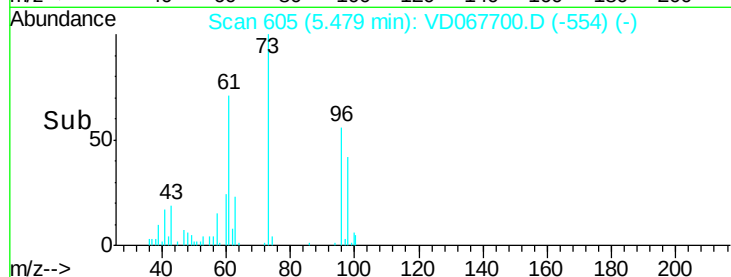
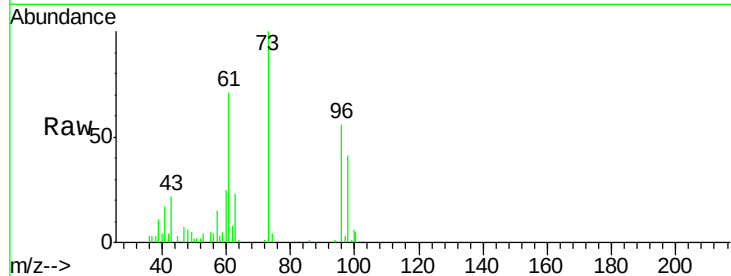
#19
Methyl tert-butyl Ether
Concen: 21.675 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion: 73 Resp: 95367
Ion Ratio Lower Upper
73 100
57 14.7 13.4 20.0

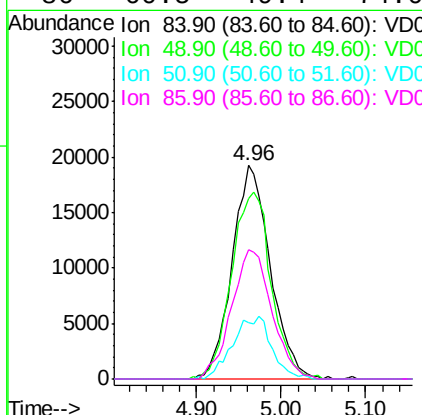
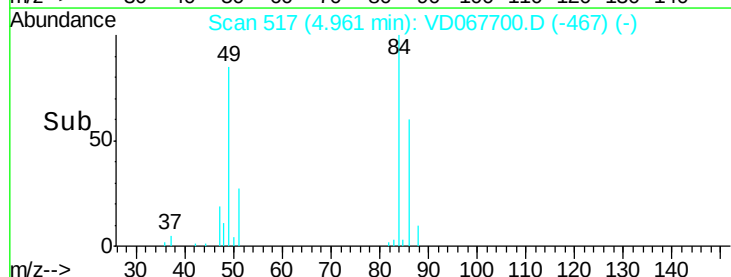
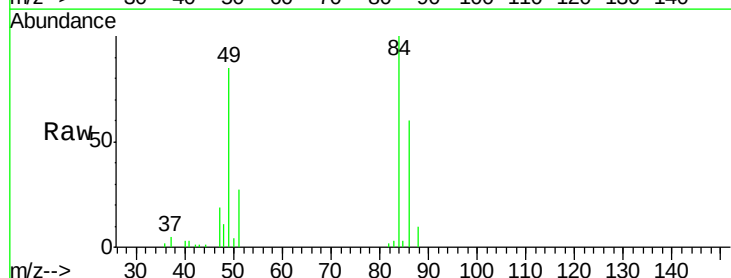
Manual Integrations
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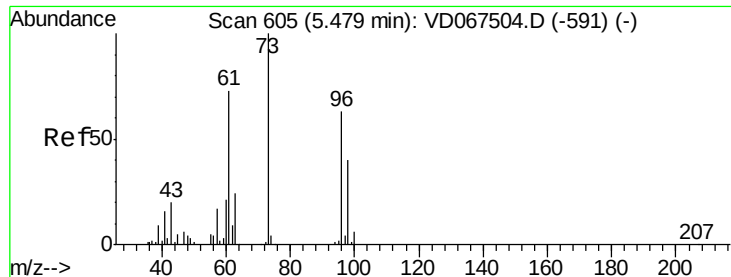
MMDadoda
11/20/2020 10:06:30 AM



#20
Methylene Chloride
Concen: 24.441 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 84 Resp: 60374
Ion Ratio Lower Upper
84 100
49 84.6 77.0 115.4
51 26.5 25.4 38.2
86 60.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.383 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

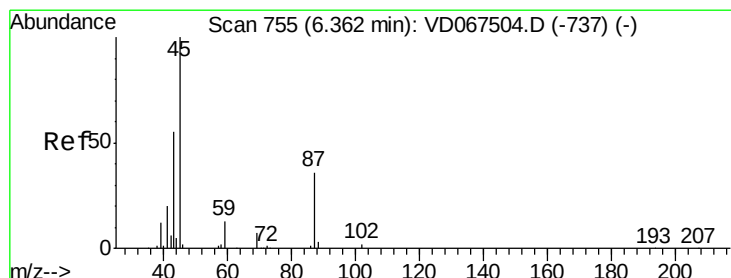
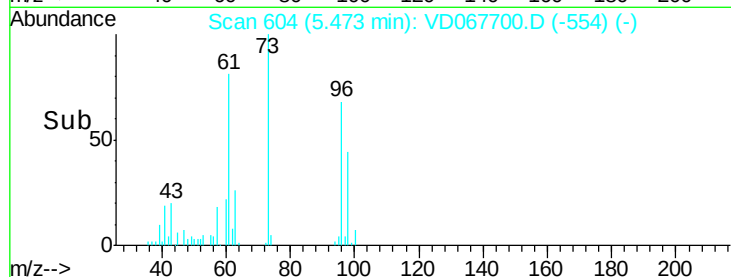
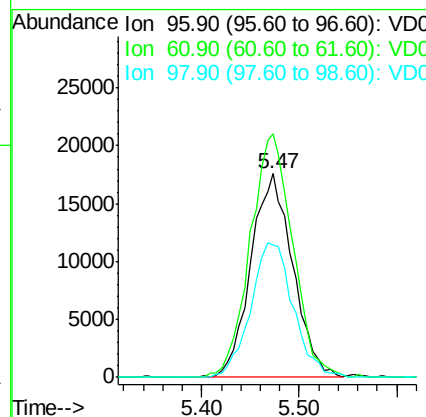
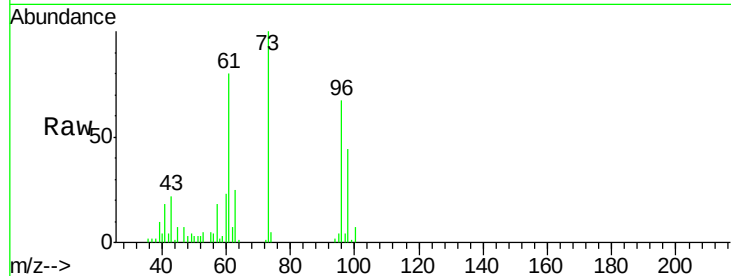
ClientSampleId :

VD1119SBS01

Tot Ion:	96	Resp:	52955
Ion	Ratio	Lower	Upper
96	100		
61	119.7	93.0	139.6
98	64.8	50.9	76.3

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#22

Diisopropyl ether

Concen: 21.218 ug/l

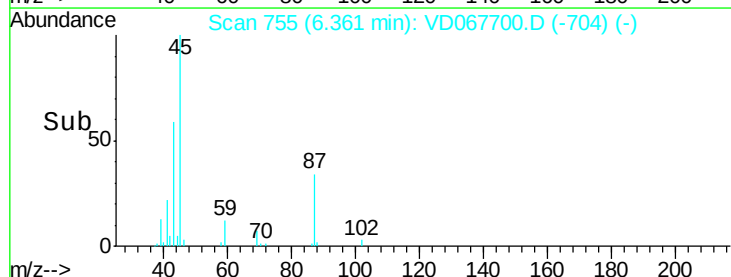
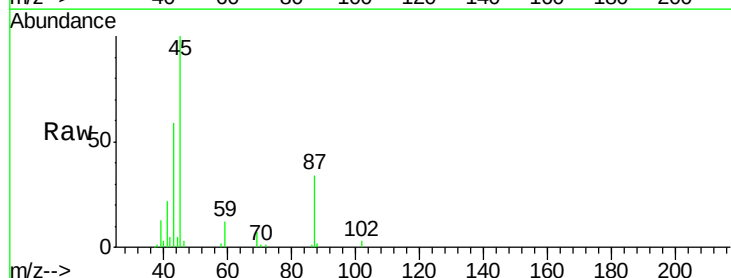
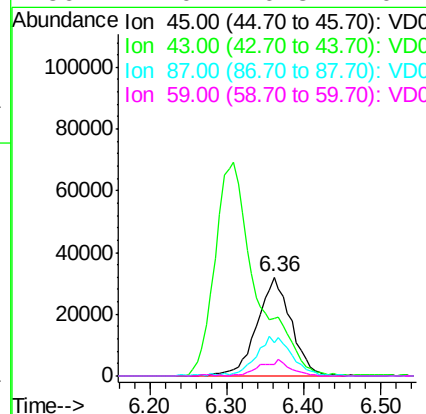
RT: 6.36 min Scan# 755

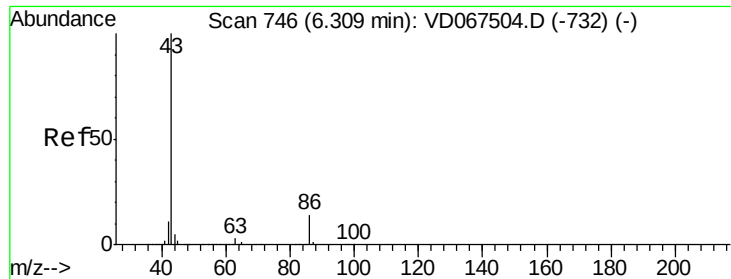
Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	45	Resp:	98710
Ion	Ratio	Lower	Upper
45	100		
43	57.8	46.2	69.4
87	32.9	29.4	44.2
59	12.0	10.8	16.2





#23

Vinyl Acetate

Concen: 105.561 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 43 Resp: 257060

Ion Ratio Lower Upper

43 100

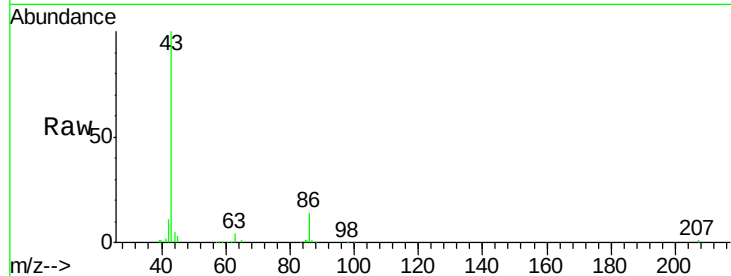
86 14.1 11.6 17.4

Manual Integrations

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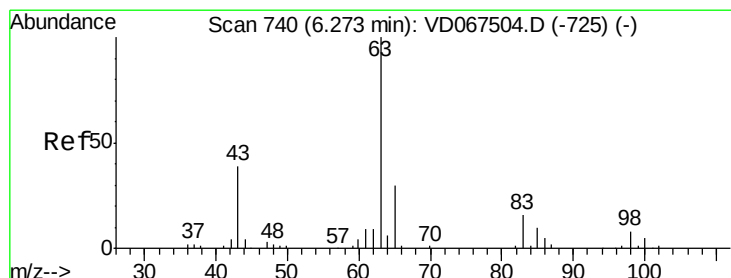
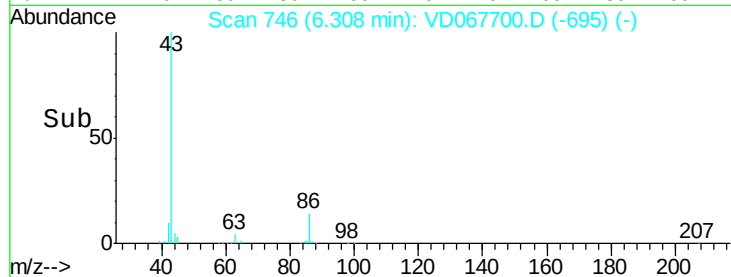
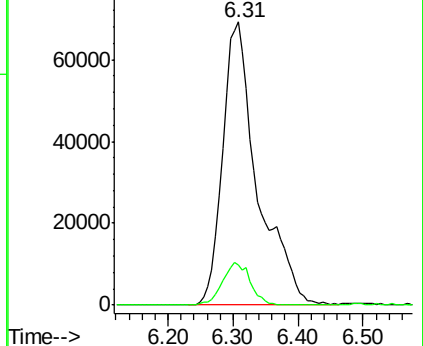
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.702 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

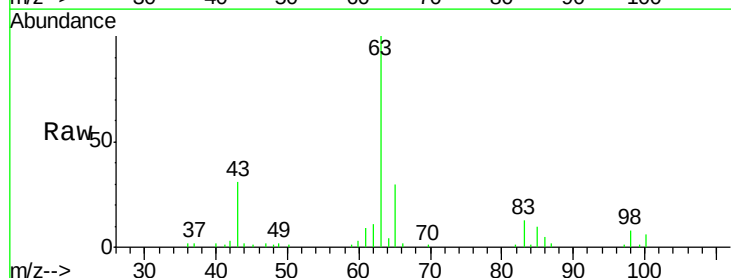
Tgt Ion: 63 Resp: 82596

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

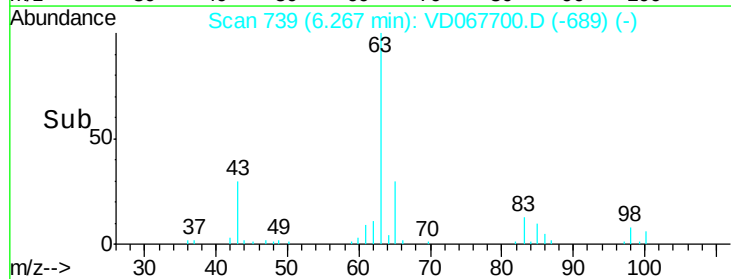
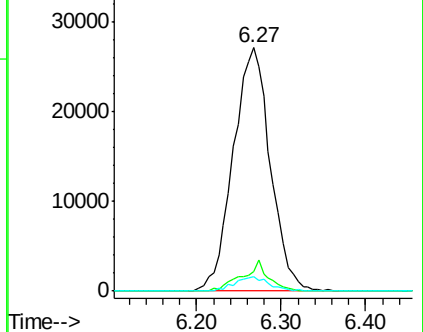
100 5.9 2.6 7.8

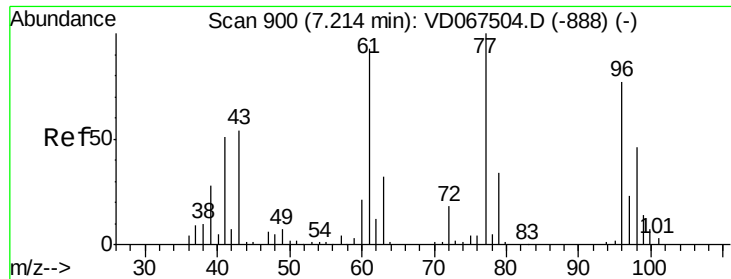


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 107.039 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 43 Resp: 39995

Ion Ratio Lower Upper

43 100

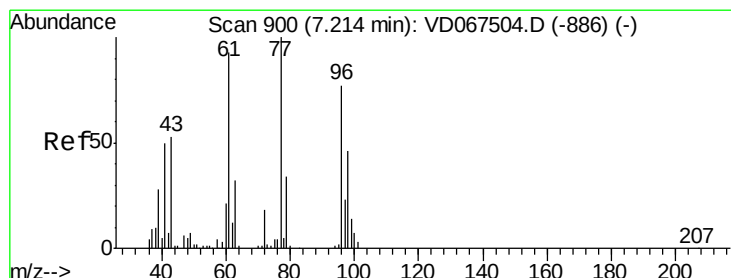
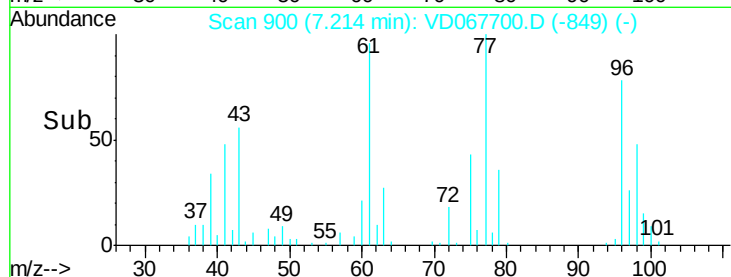
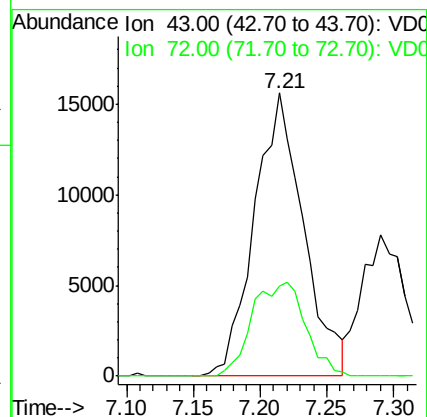
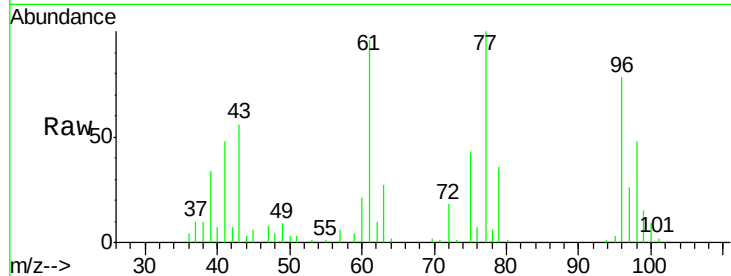
72 31.8 26.4 39.6

Manual Integrations

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11/20/2020 10:06:30 AM



#26

2,2-Dichloropropane

Concen: 22.311 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067700.D

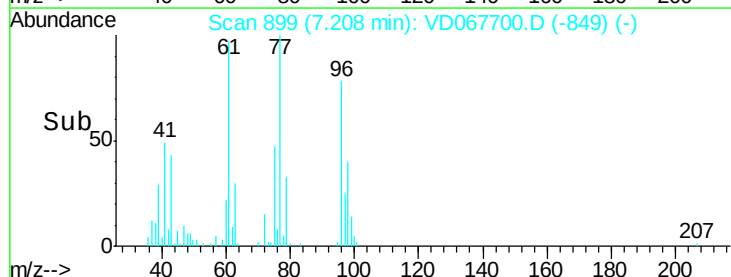
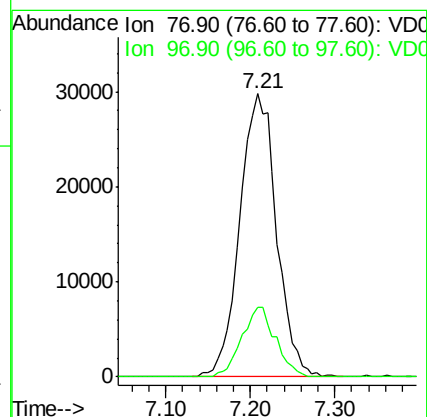
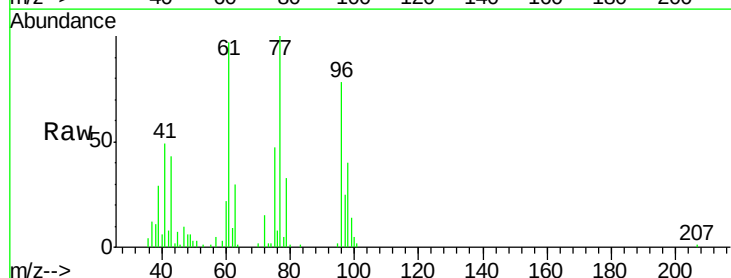
Acq: 19 Nov 2020 11:33

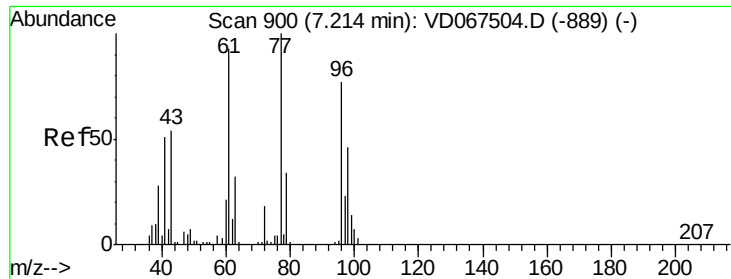
Tgt Ion: 77 Resp: 89615

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

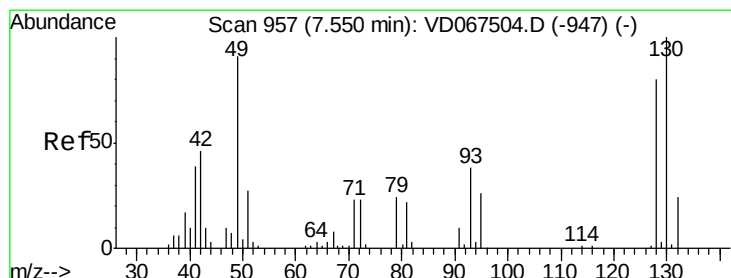
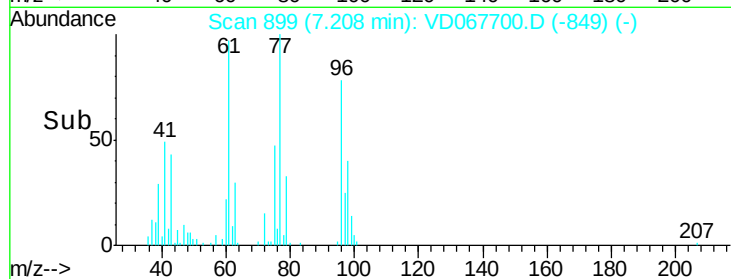
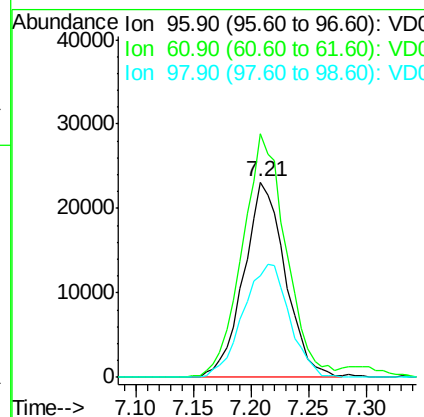
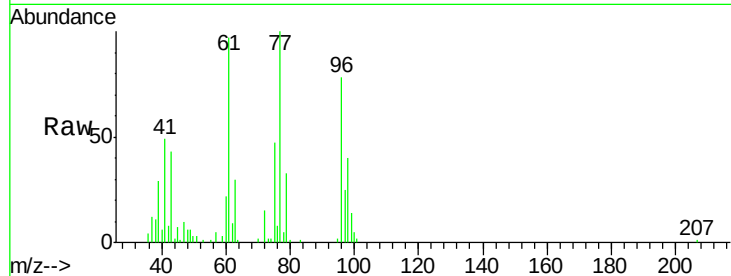
cis-1,2-Dichloroethene
Concen: 21.508 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	251.6
98	64.5	0.0	128.0

Manual Integrations
APPROVED

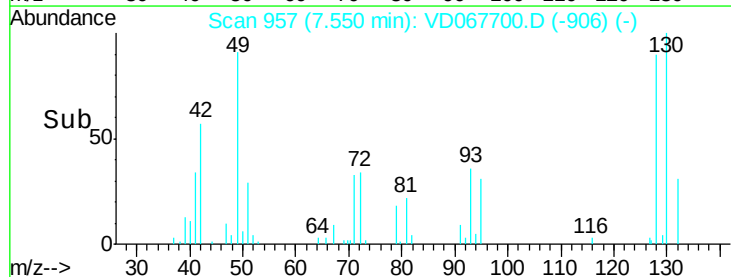
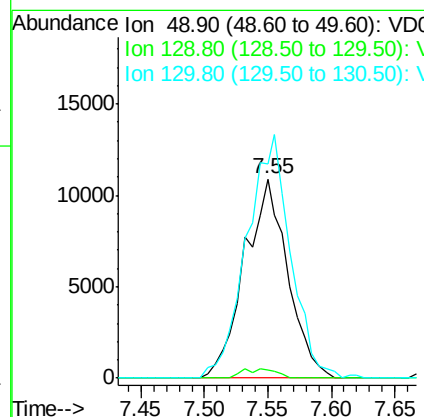
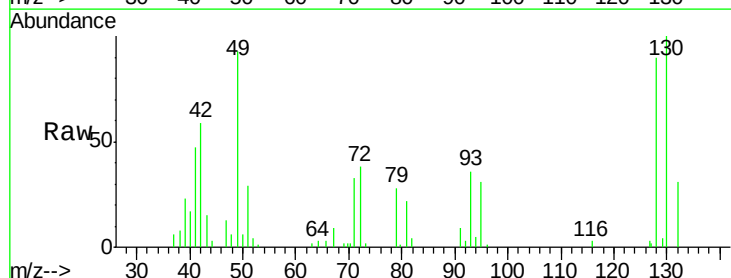
MMDadoda
11/20/2020 10:06:30 AM

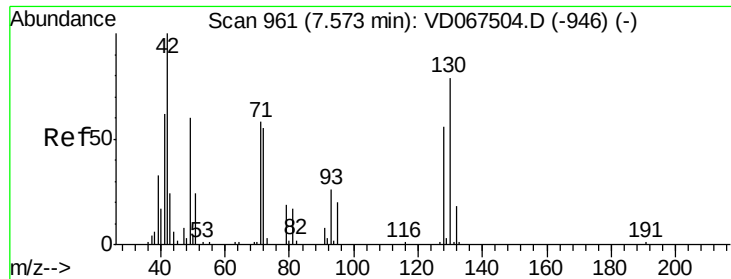


#28

Bromochloromethane
Concen: 19.114 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	6.4
130	124.1	94.6	142.0





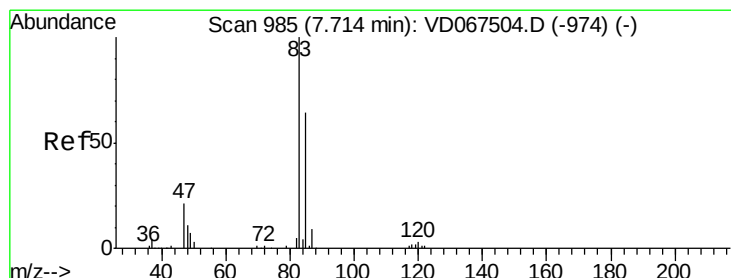
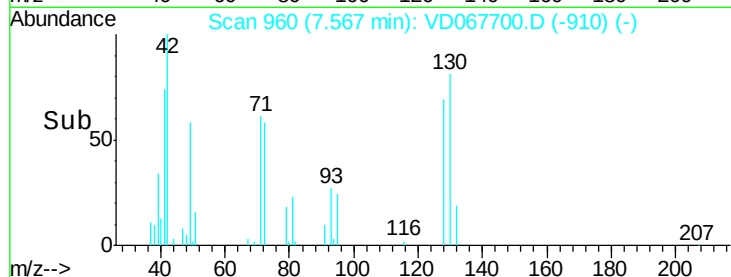
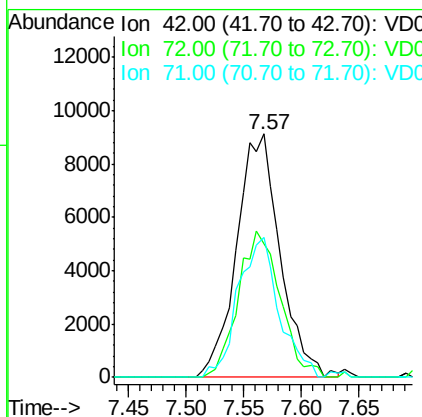
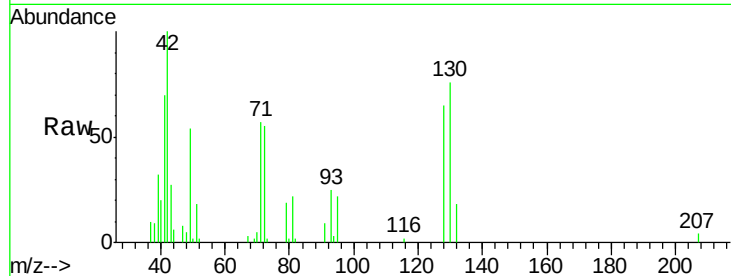
#29
Tetrahydrofuran
Concen: 106.922 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.0	46.3	69.5
71	53.8	44.0	66.0

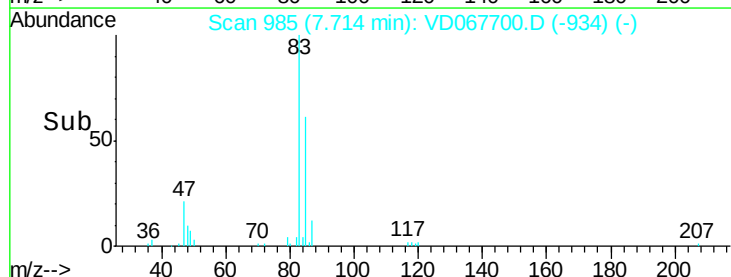
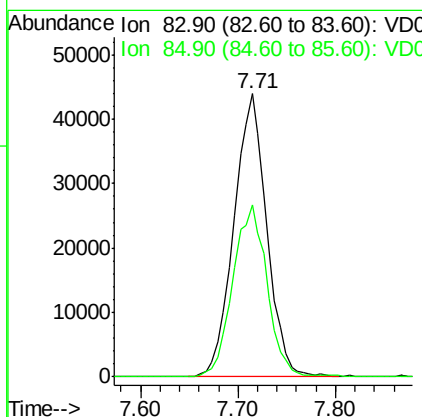
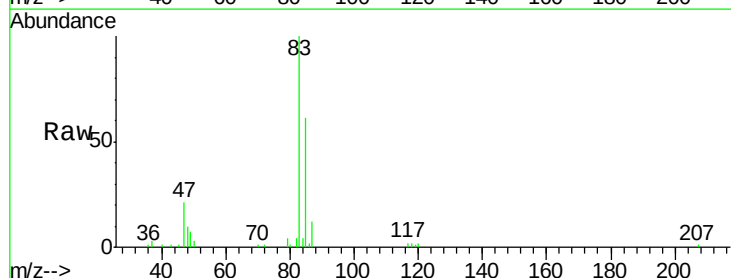
Manual Integrations
APPROVED

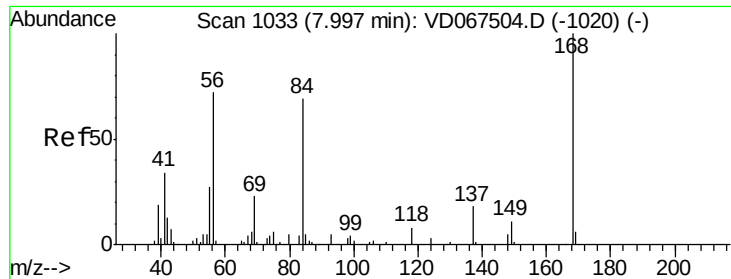
MMDadoda
11/20/2020 10:06:30 AM



#30
Chloroform
Concen: 22.708 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.5	77.3





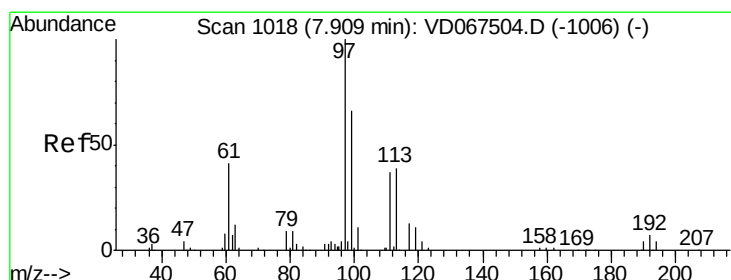
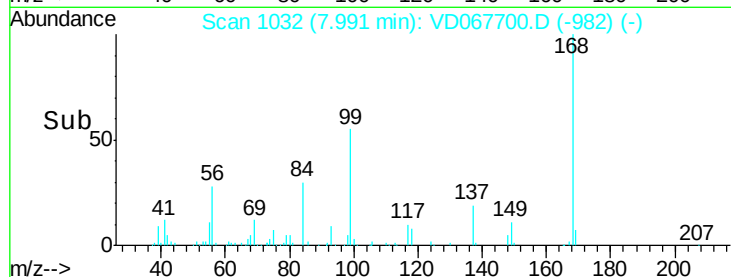
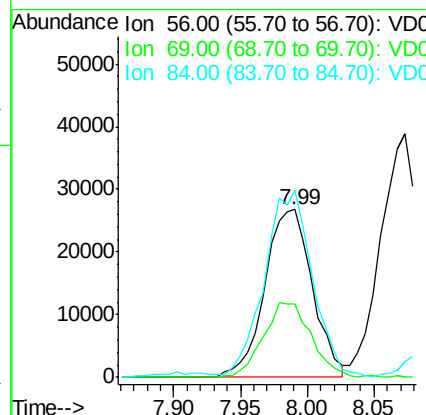
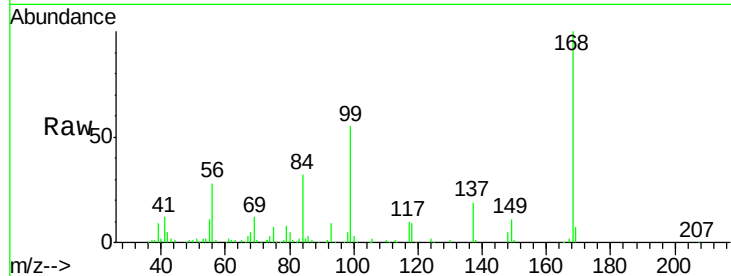
#31
Cyclohexane
Concen: 19.560 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	43.5	25.9	38.9#
84	109.8	76.2	114.4

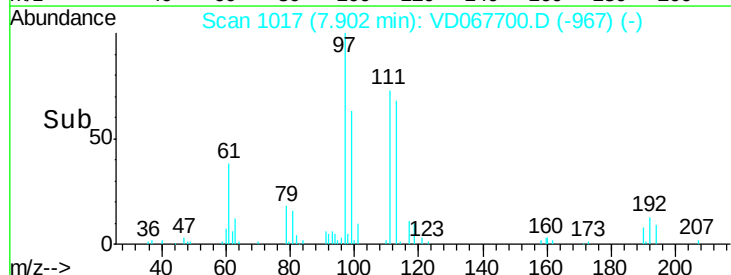
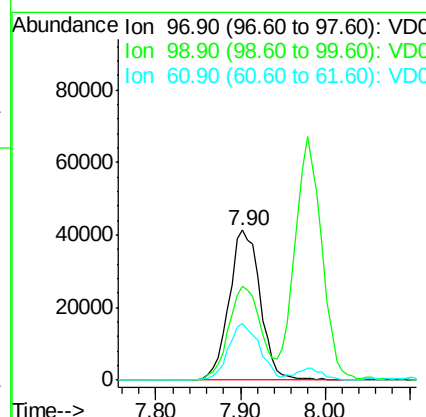
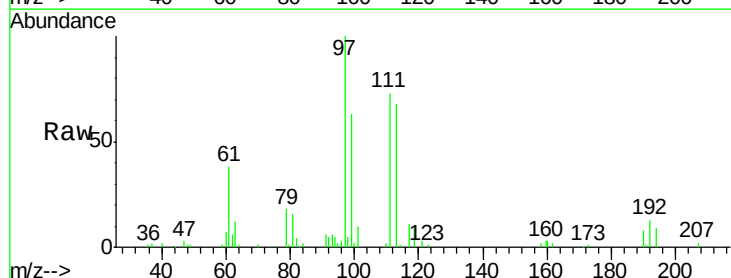
Manual Integrations
APPROVED

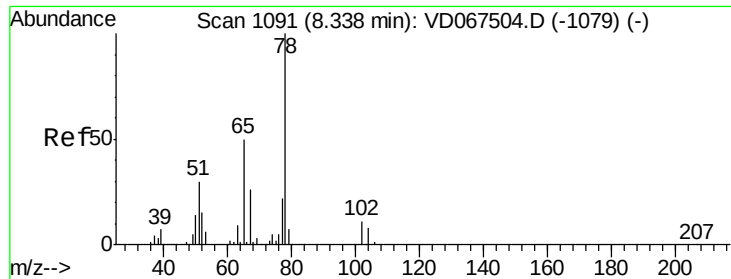
MMDadoda
11/20/2020 10:06:30 AM



#32
1,1,1-Trichloroethane
Concen: 22.372 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.8	77.6
61	38.0	30.5	45.7





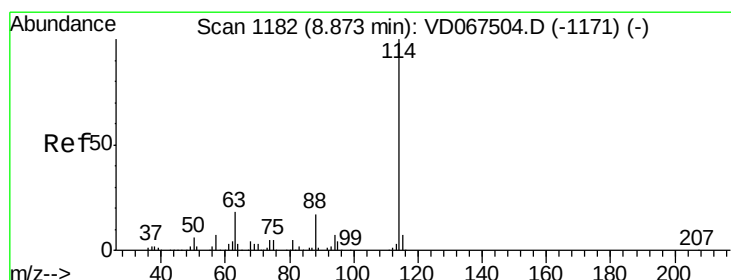
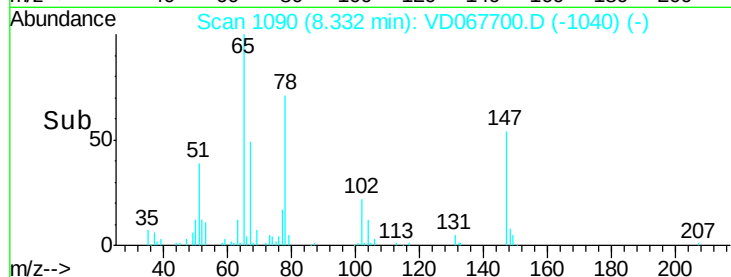
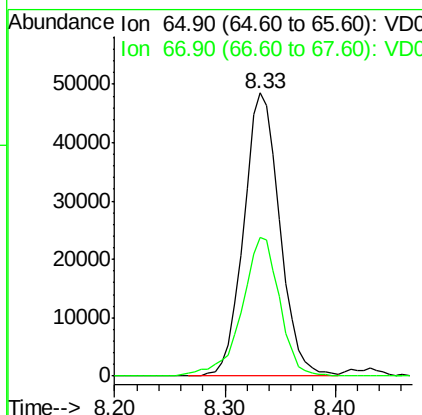
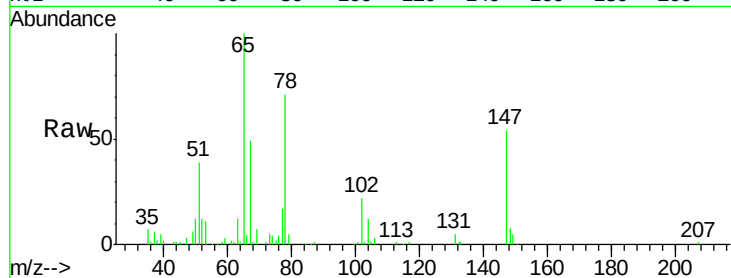
#33
 1,2-Dichloroethane-d4
 Concen: 47.588 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111203		
67	51.2	0.0	99.4	

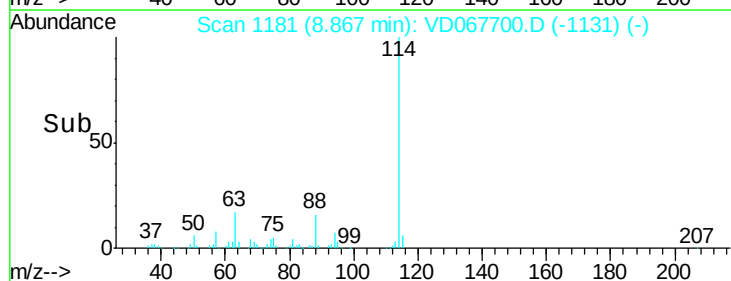
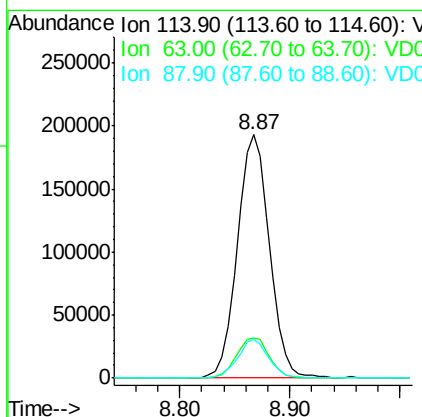
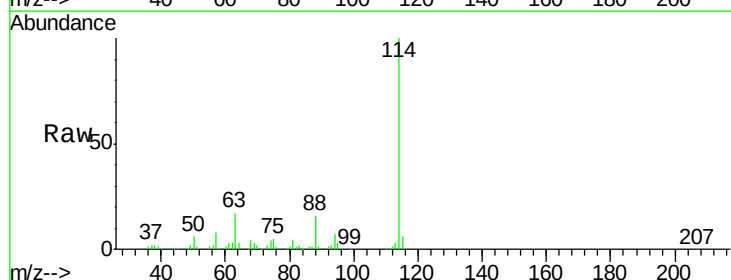
Manual Integrations
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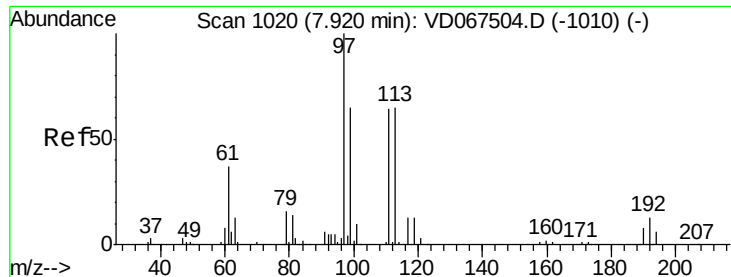
MMDadoda
 11/20/2020 10:06:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	394701		
63	16.6	0.0	35.0	
88	15.9	0.0	33.0	





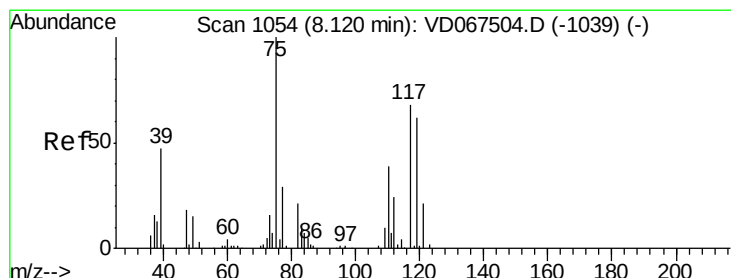
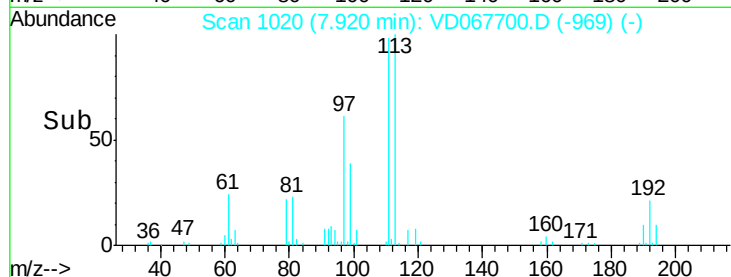
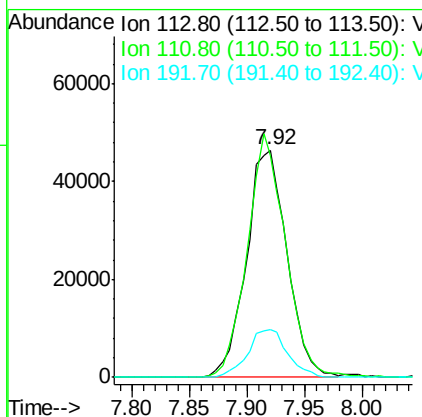
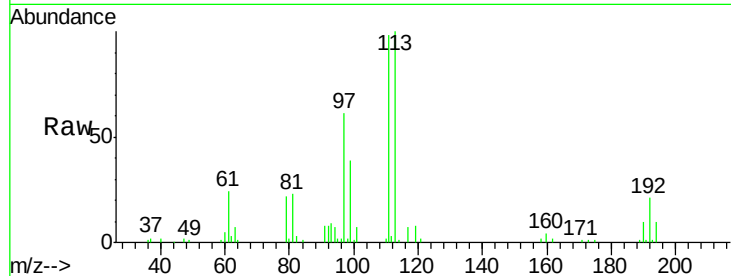
#35
Dibromofluoromethane
Concen: 47.789 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113646		
111	101.7	80.0	120.0	
192	20.7	16.3	24.5	

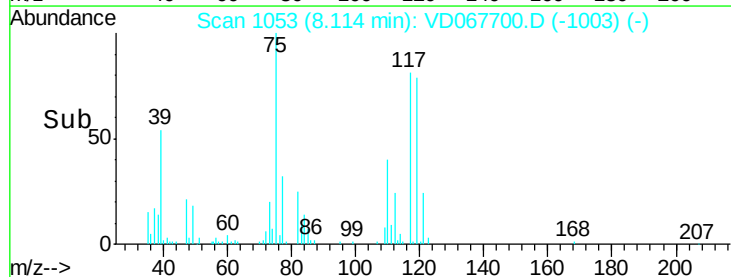
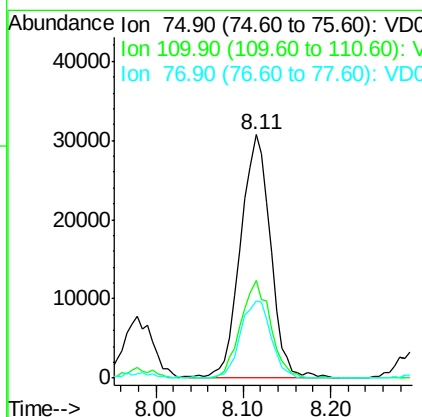
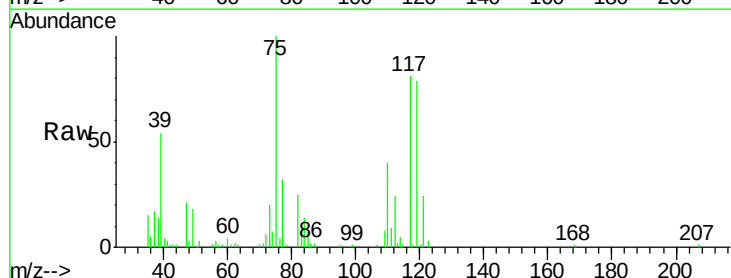
Manual Integrations
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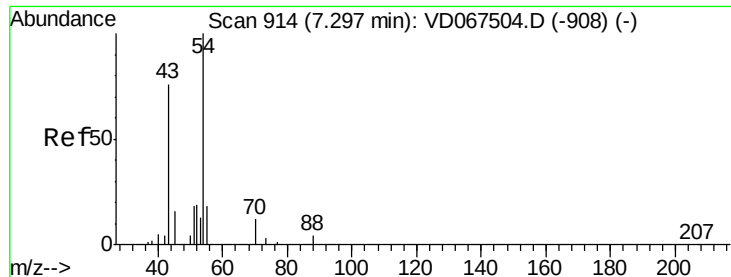
MMDadoda
11/20/2020 10:06:30 AM



#36
1,1-Dichloropropene
Concen: 21.133 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71401		
110	39.5	19.9	59.7	
77	32.2	24.8	37.2	





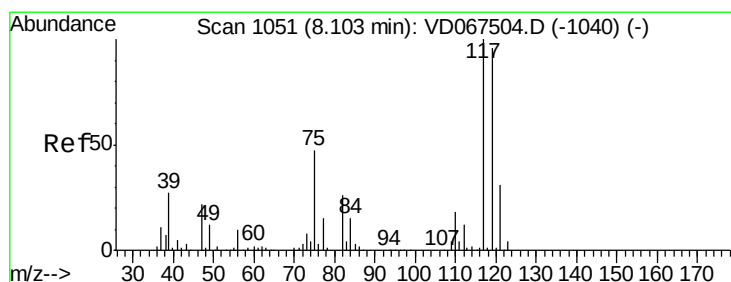
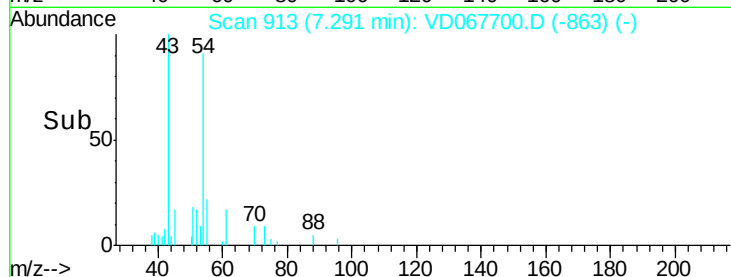
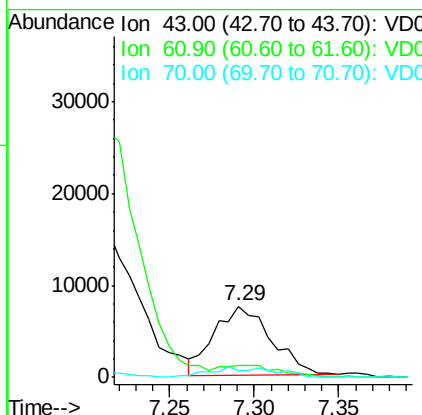
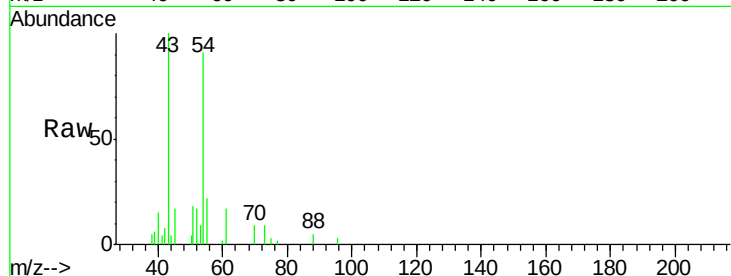
#37
Ethyl Acetate
Concen: 20.137 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	12.8	19.2
70	9.4	11.7	17.5

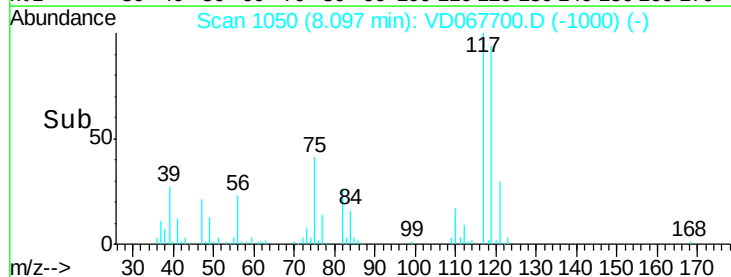
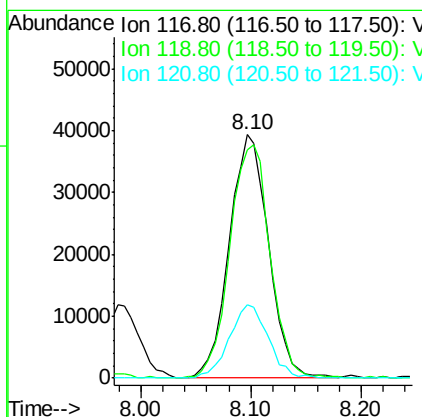
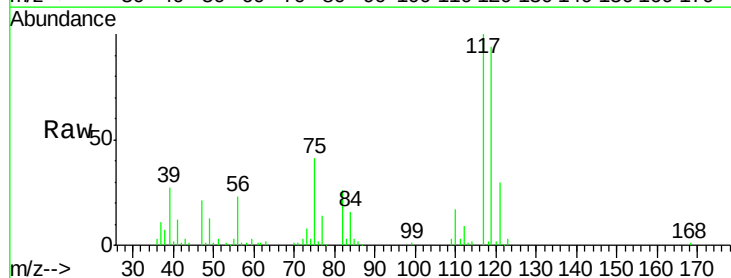
Manual Integrations
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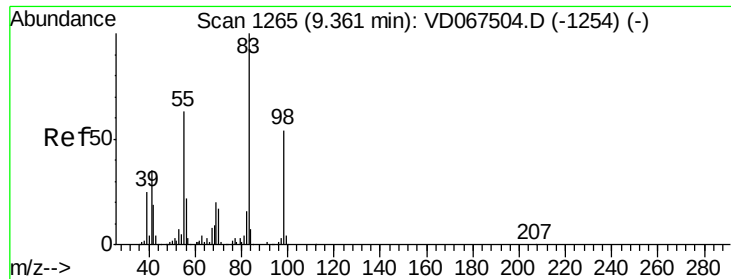
MMDadoda
11/20/2020 10:06:30 AM



#38
Carbon Tetrachloride
Concen: 22.331 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
121	30.1	24.5	36.7





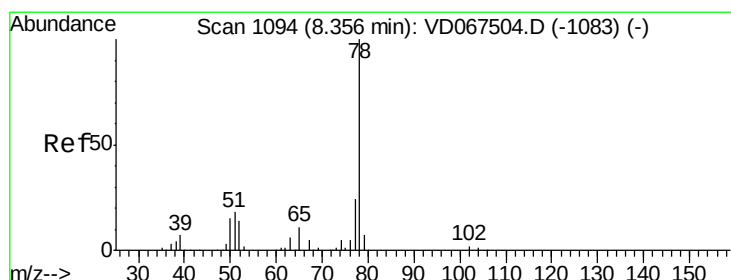
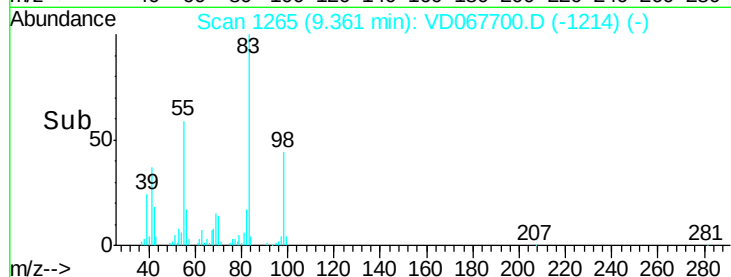
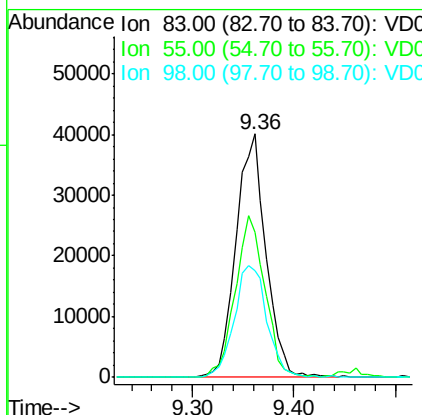
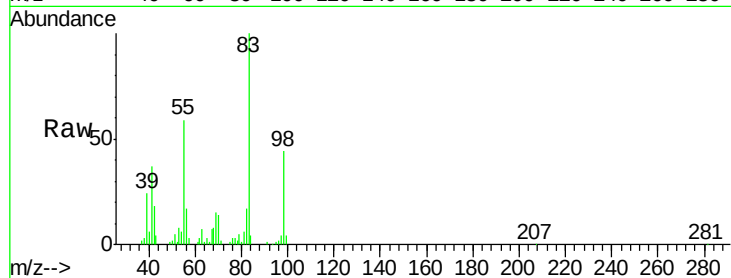
#39
Methylvlcyclohexane
Concen: 20.666 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	83	Resp	82180
Ion Ratio	Lower	Upper	
83	100		
55	59.4	50.5	75.7
98	43.8	43.4	65.0

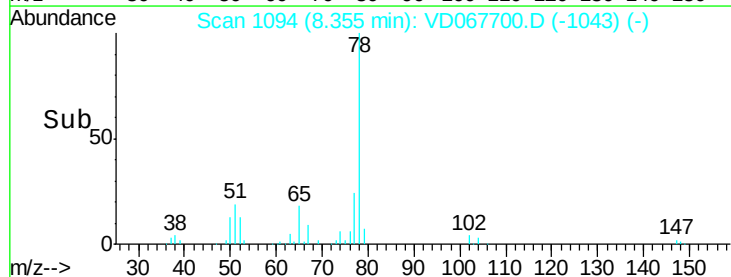
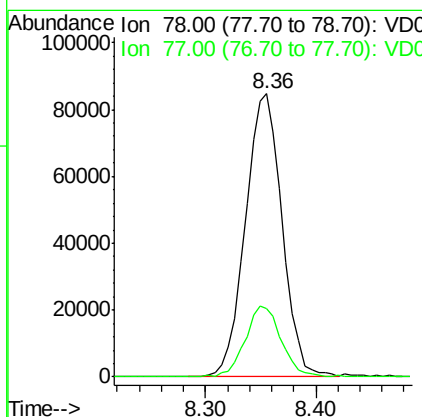
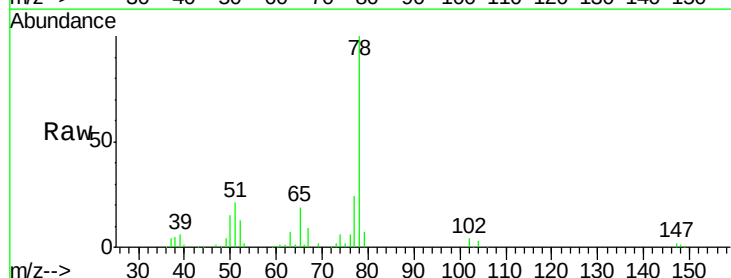
Manual Integrations
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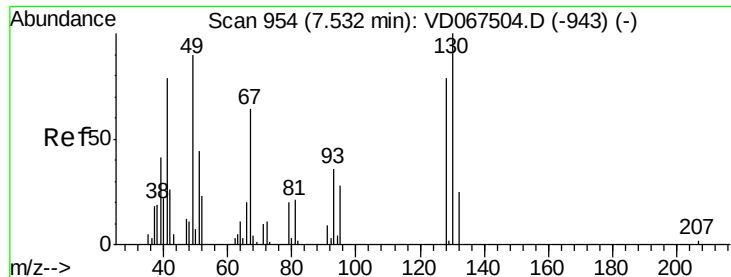
MMDadoda
11/20/2020 10:06:30 AM



#40
Benzene
Concen: 21.551 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	78	Resp	197231
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7





#41

Methacrylonitrile

Concen: 24.028 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 41 Resp: 12598

Ion Ratio Lower Upper

41 100

39 52.8 51.3 76.9

67 81.9 78.9 118.3

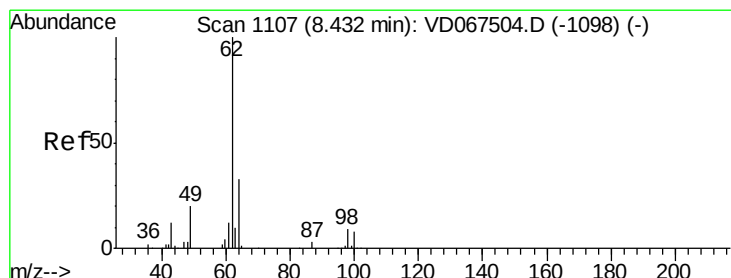
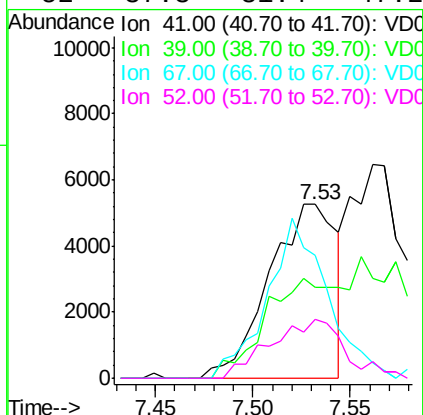
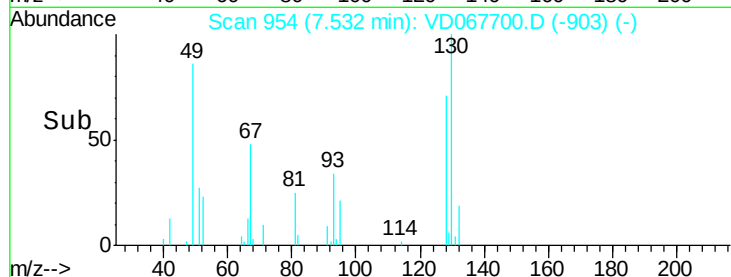
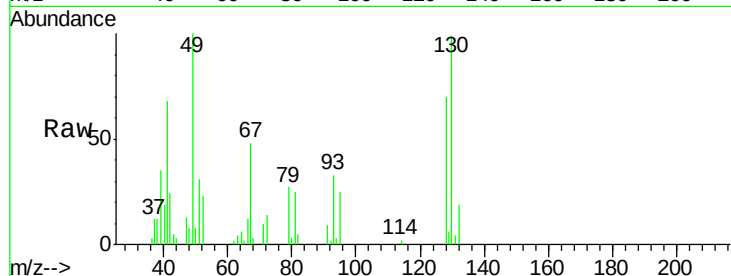
52 37.3 31.4 47.2

Manual Integrations

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11/20/2020 10:06:30 AM



#42

1,2-Dichloroethane

Concen: 22.859 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067700.D

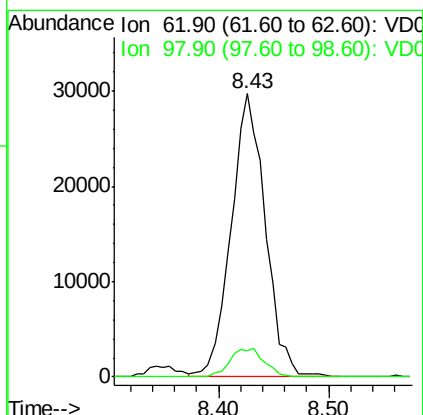
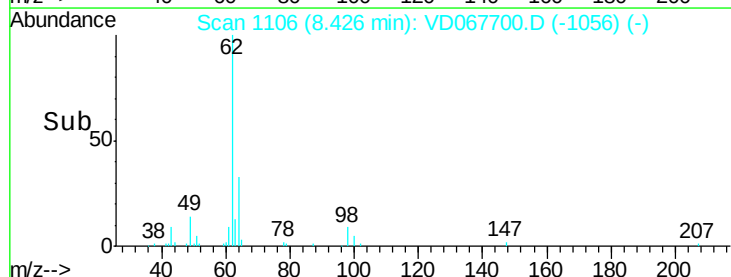
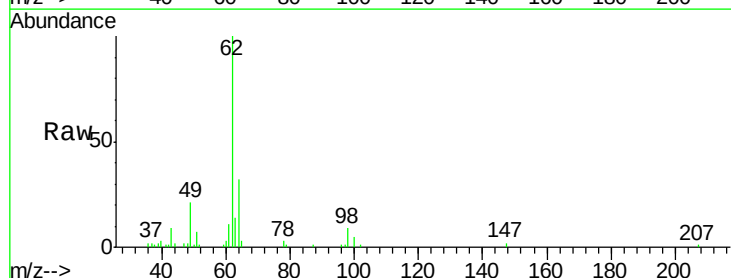
Acq: 19 Nov 2020 11:33

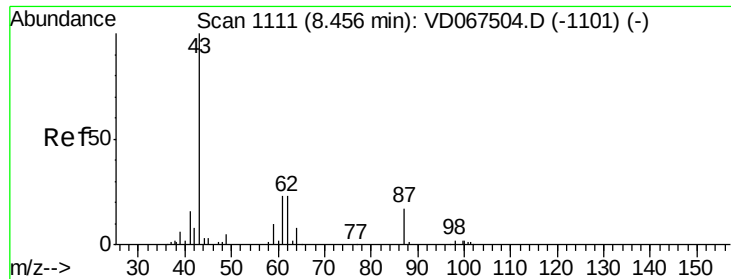
Tgt Ion: 62 Resp: 64635

Ion Ratio Lower Upper

62 100

98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.254 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

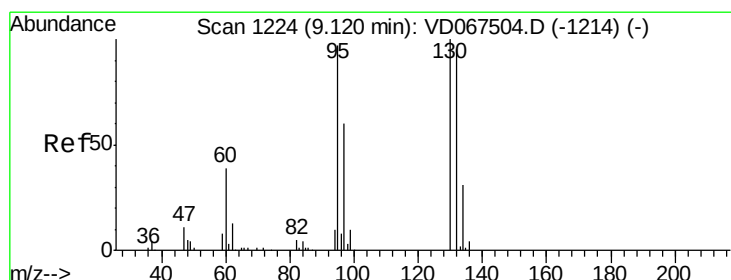
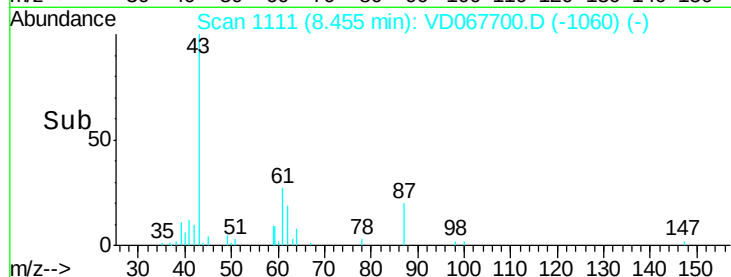
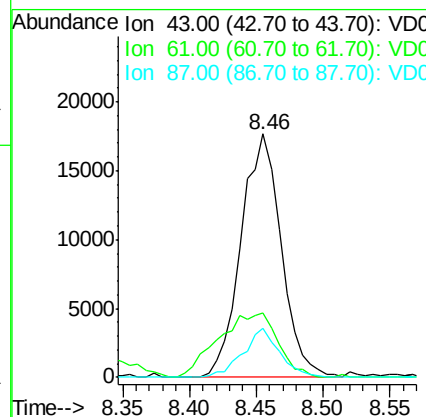
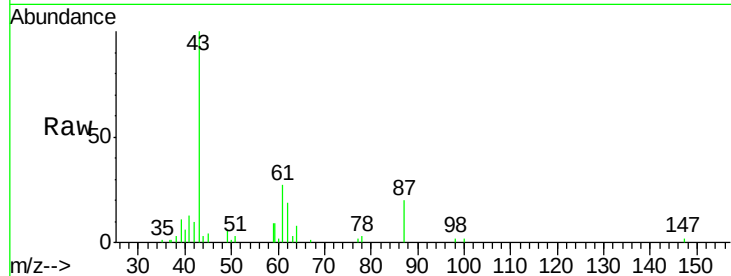
ClientSampleId :

VD1119SBS01

Tot Ion:	43	Resp:	36870
Ion Ratio	Lower	Upper	
43	100		
61	39.1	30.5	45.7
87	18.4	14.7	22.1

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#44

Trichloroethene

Concen: 21.385 ug/l

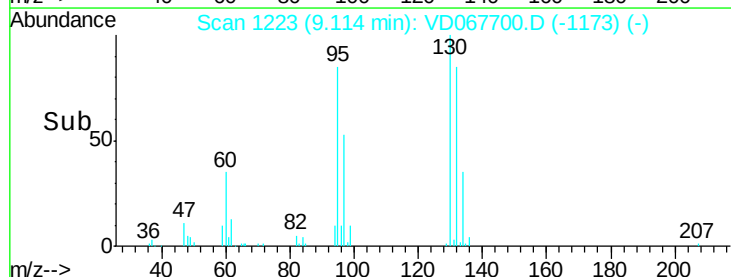
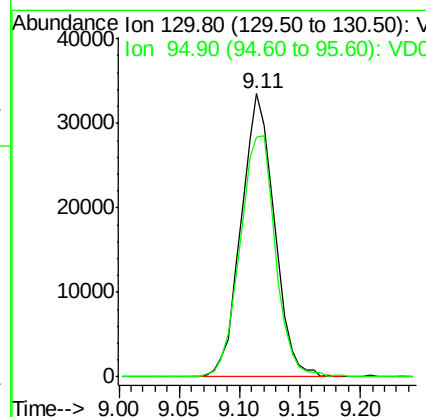
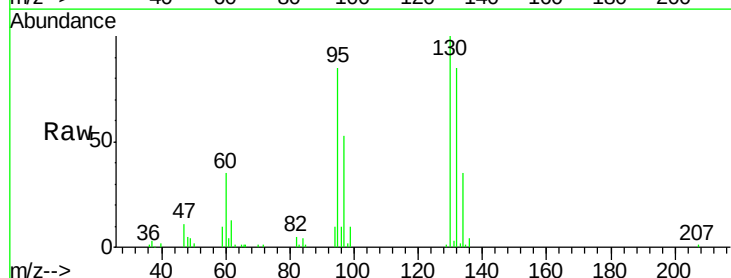
RT: 9.11 min Scan# 1223

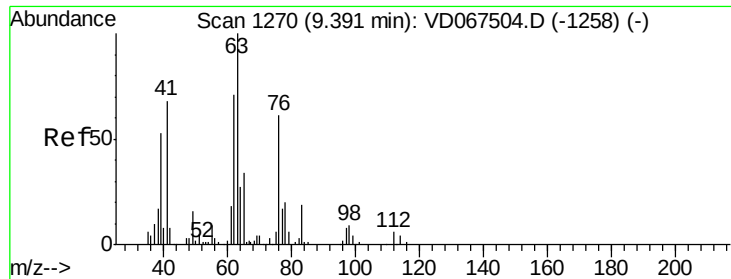
Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	130	Resp:	64350
Ion Ratio	Lower	Upper	
130	100		
95	84.6	0.0	194.4





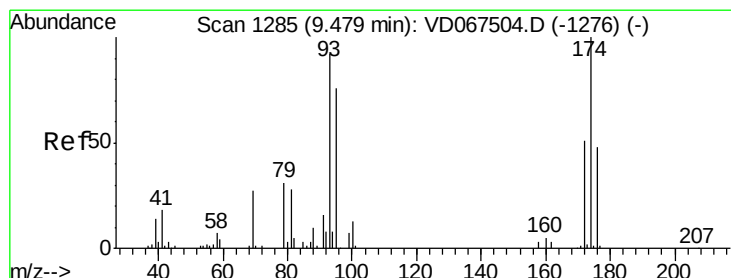
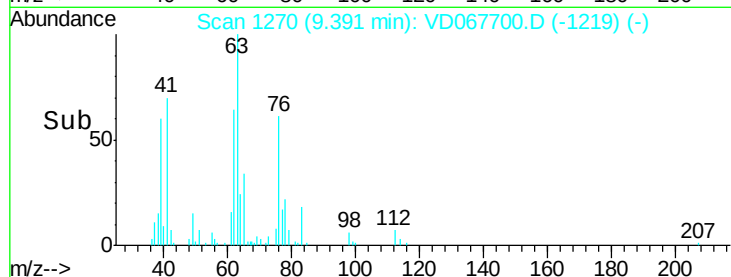
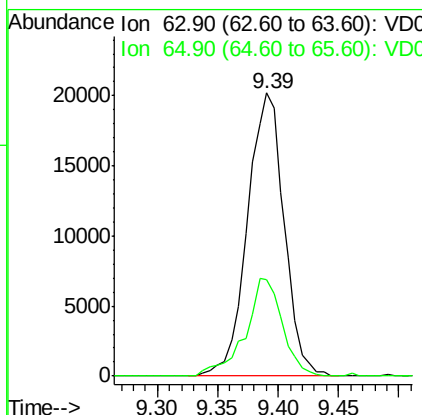
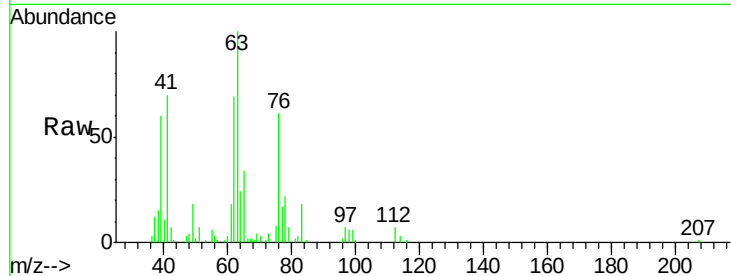
#45
 1,2-Dichloropropane
 Concen: 21.640 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion: 63 Resp: 42818
 Ion Ratio Lower Upper
 63 100
 65 34.0 26.9 40.3

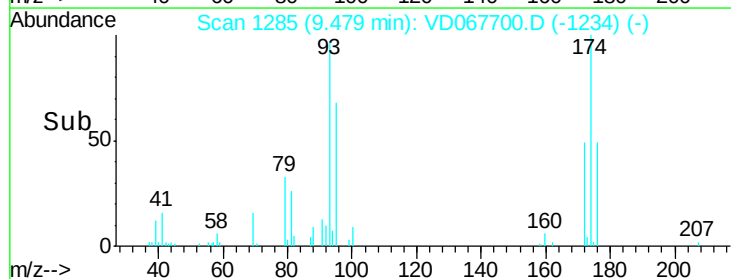
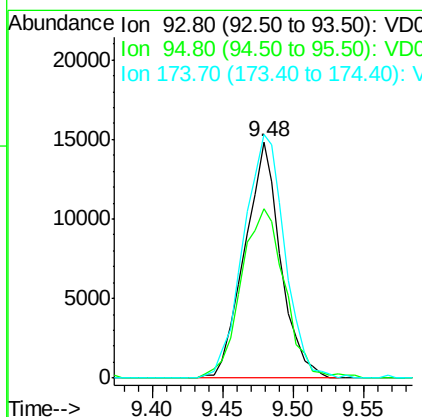
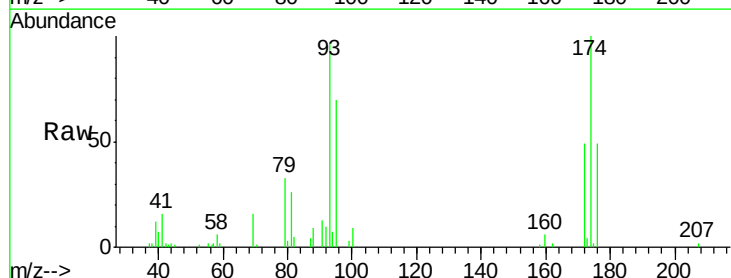
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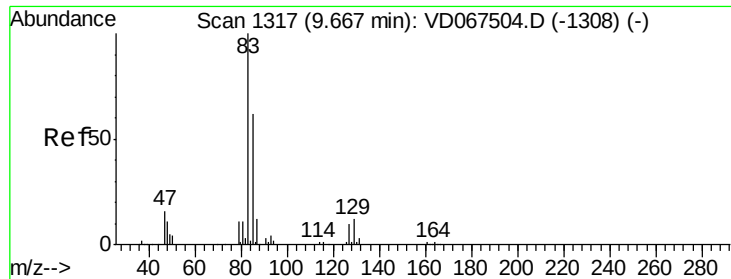
MMDadoda
 11/20/2020 10:06:30 AM



#46
 Dibromomethane
 Concen: 21.082 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 93 Resp: 26523
 Ion Ratio Lower Upper
 93 100
 95 87.3 66.4 99.6
 174 118.4 88.2 132.4





#47

Bromodichloromethane

Concen: 22.484 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

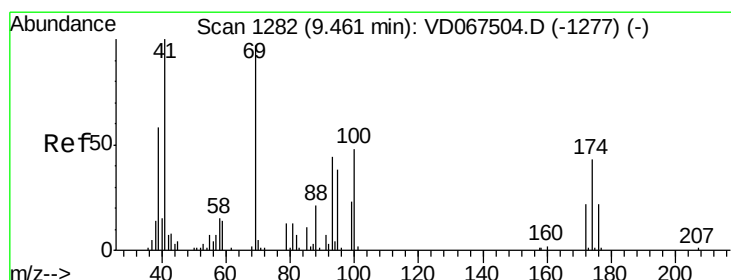
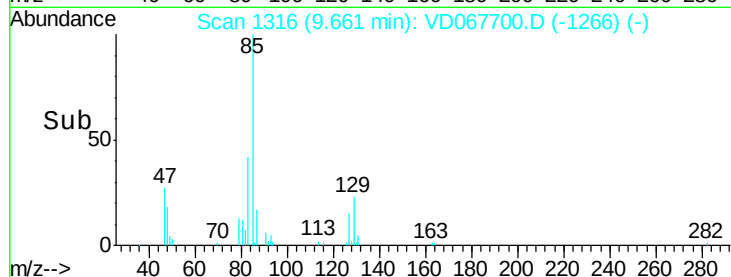
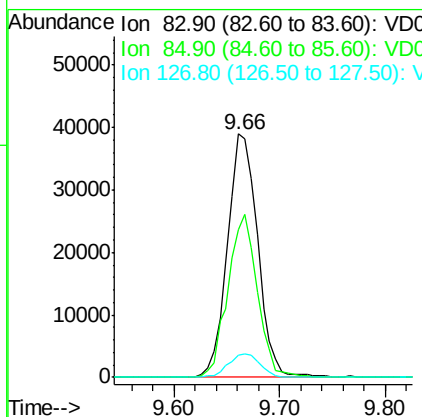
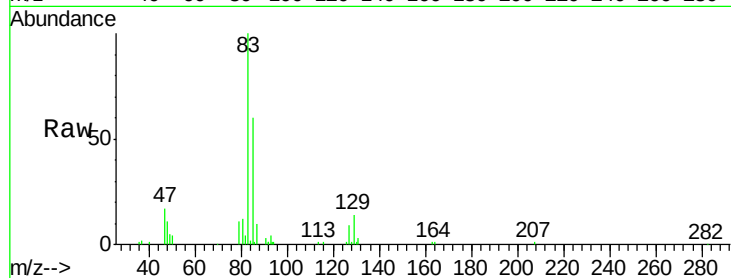
ClientSampleId :

VD1119SBS01

Tot Ion:	83	Resp:	76883
Ion	Ratio	Lower	Upper
83	100		
85	60.4	49.4	74.2
127	9.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.047 ug/l

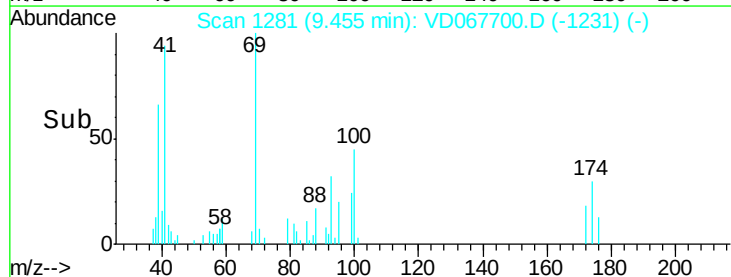
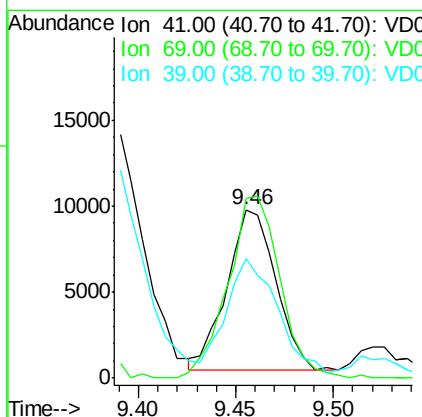
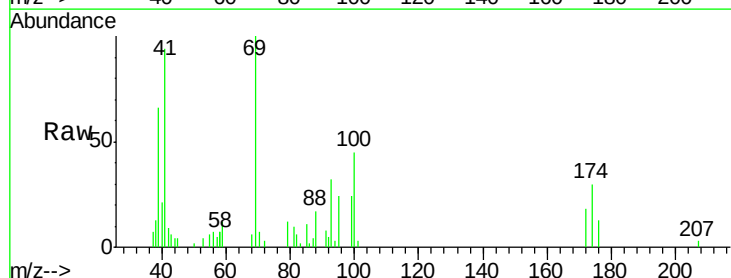
RT: 9.46 min Scan# 1281

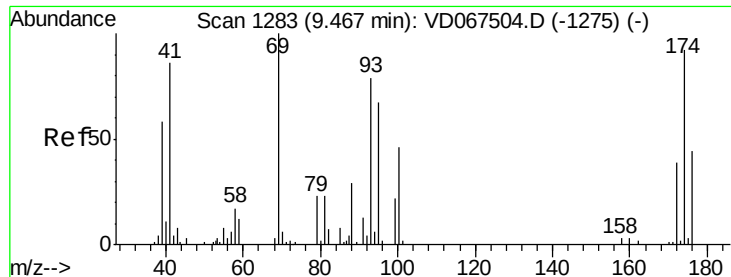
Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	41	Resp:	16164
Ion	Ratio	Lower	Upper
41	100		
69	121.1	80.6	121.0#
39	81.1	50.2	75.4#





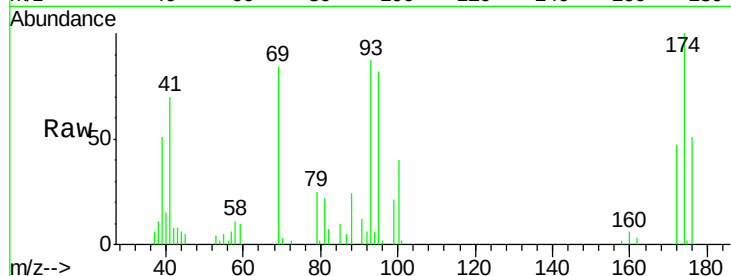
#49
1,4-Dioxane
Concen: 420.457 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

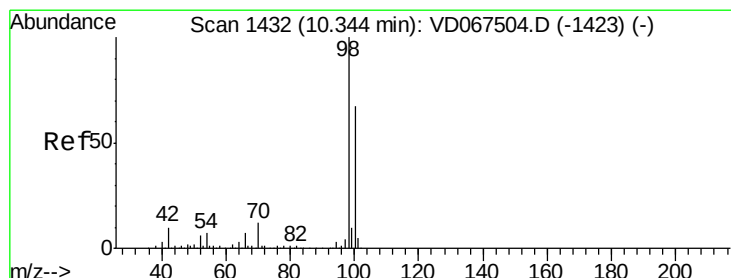
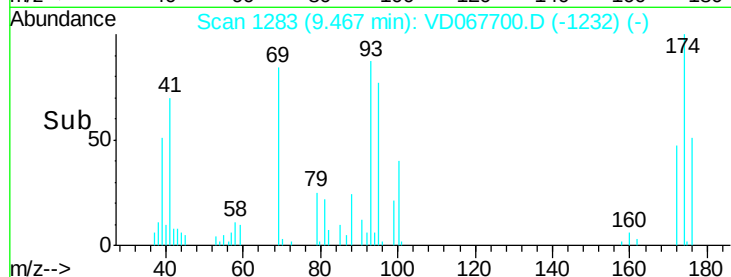
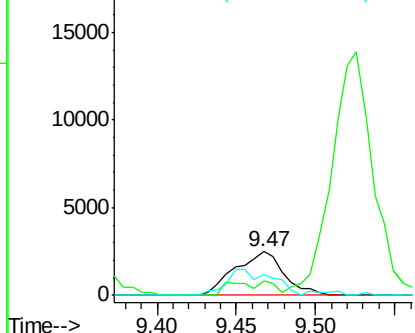
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.6	35.4#
58	0.0	44.7	67.1#

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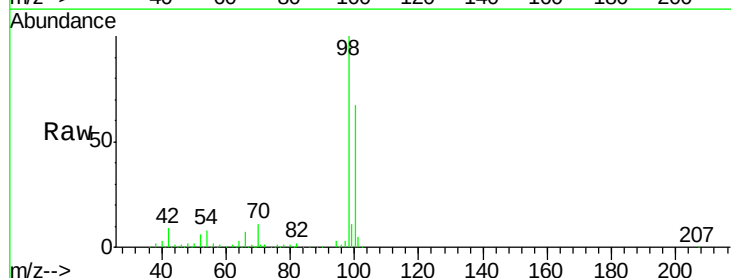


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

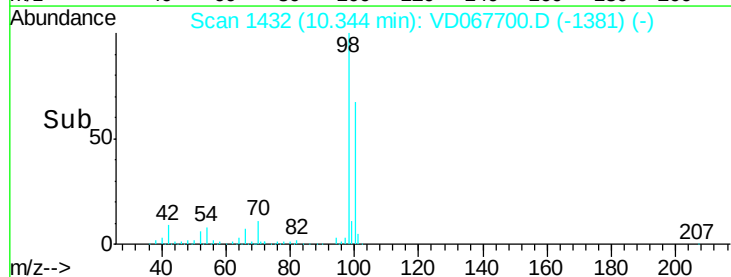
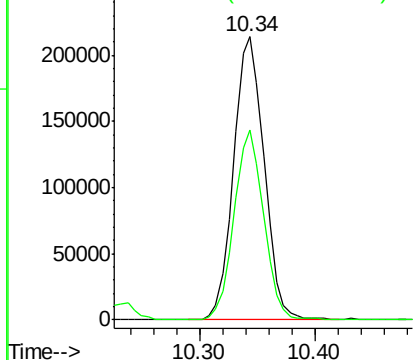


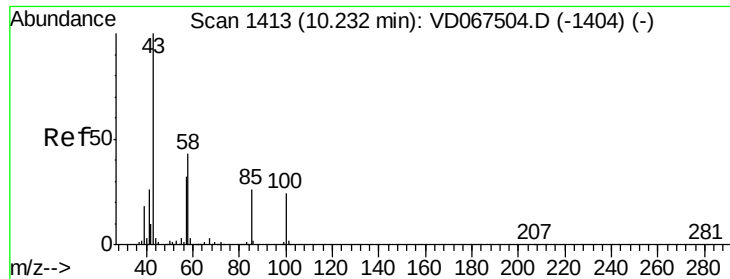
#50
Toluene-d8
Concen: 46.892 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.6



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





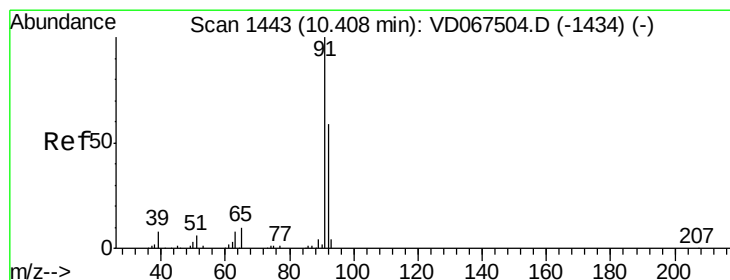
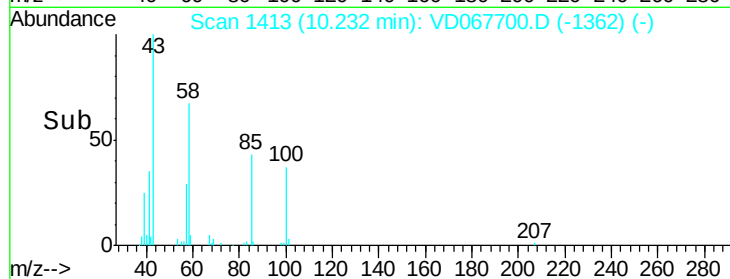
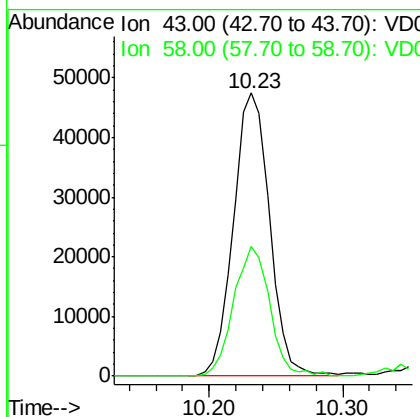
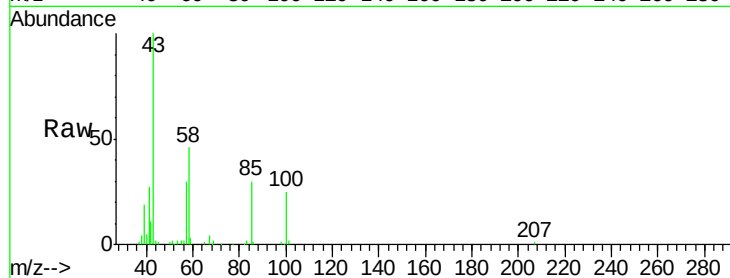
#51
4-Methyl-2-Pentanone
Concen: 107.745 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.6	35.6	53.4

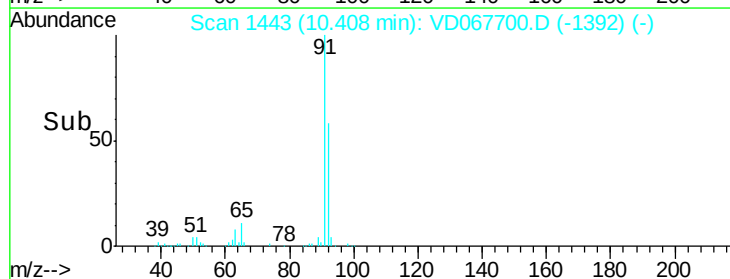
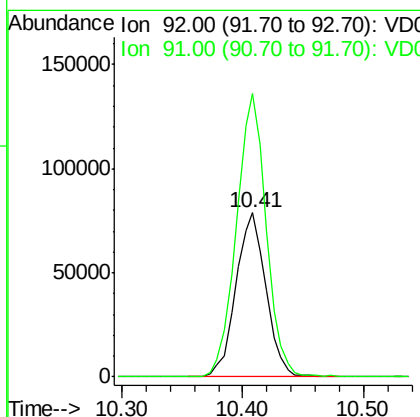
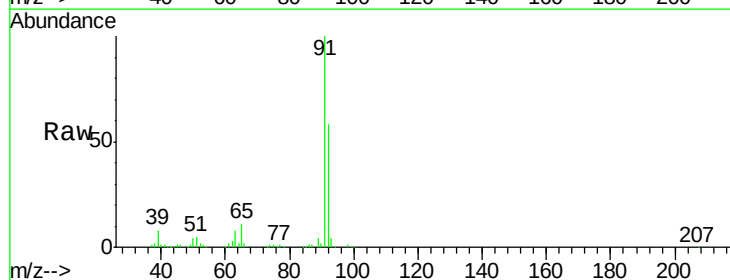
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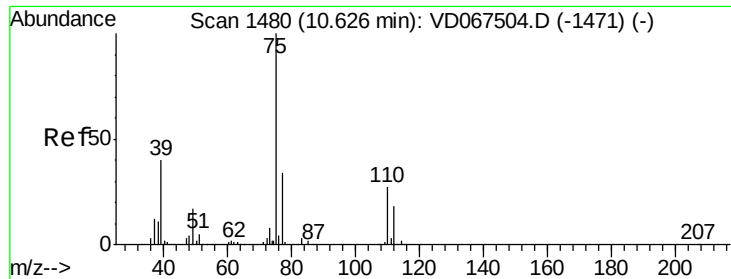
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#52
Toluene
Concen: 22.354 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.0	205.6





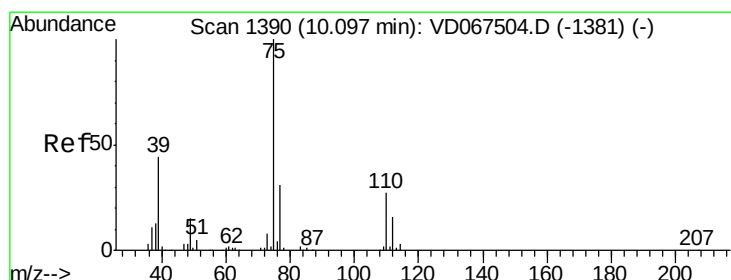
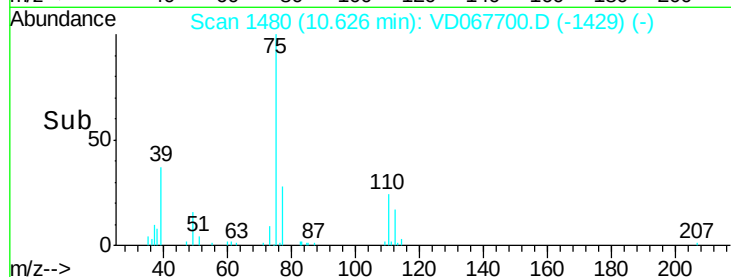
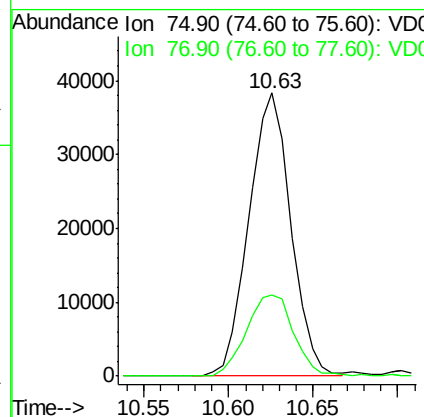
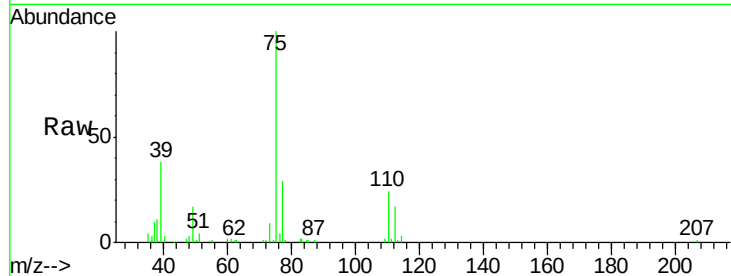
#53
t-1,3-Dichloropropene
Concen: 22.559 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.6	27.0	40.6

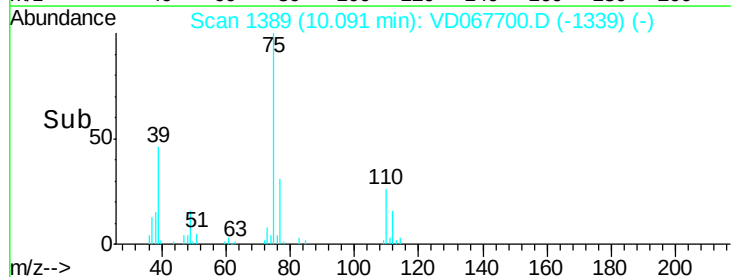
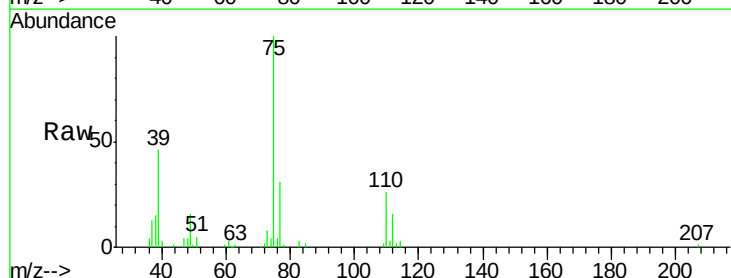
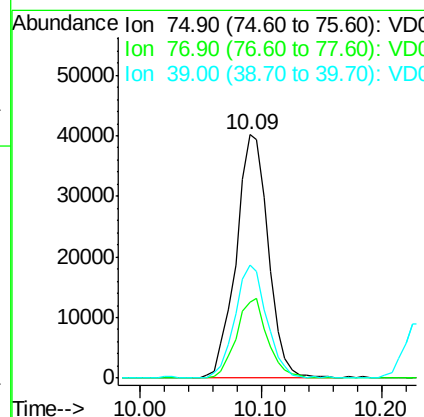
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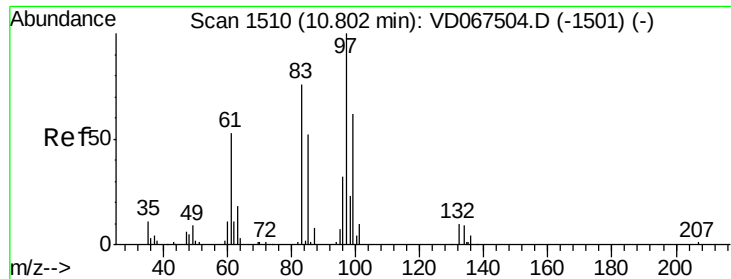
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#54
cis-1,3-Dichloropropene
Concen: 21.384 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.4	36.6
39	46.3	35.6	53.4





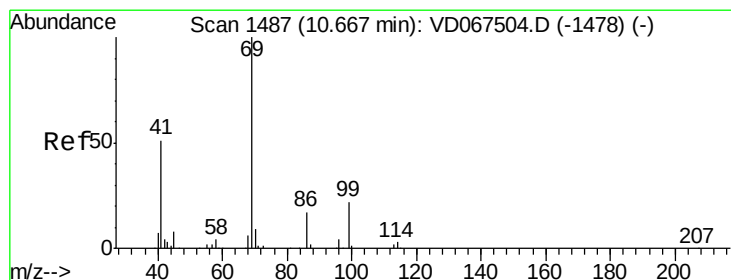
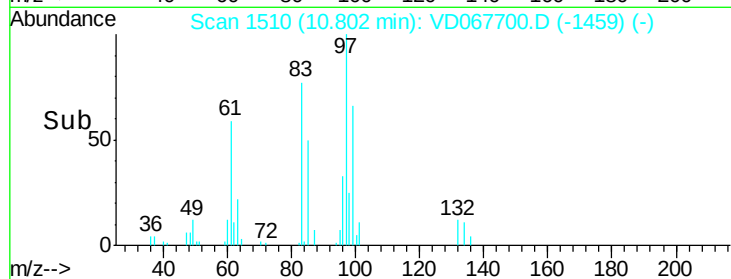
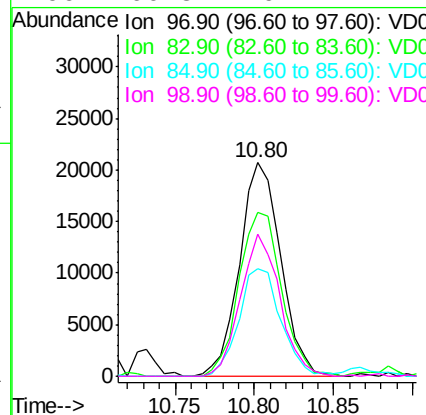
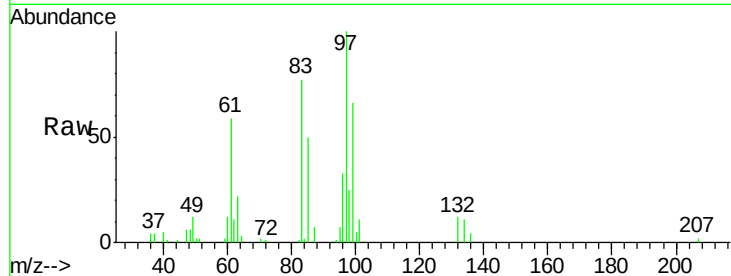
#55
 1,1,2-Trichloroethane
 Concen: 22.532 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	97	Resp:	37507
Ion	Ratio	Lower	Upper
97	100		
83	76.7	61.0	91.6
85	50.4	41.5	62.3
99	66.3	49.4	74.2

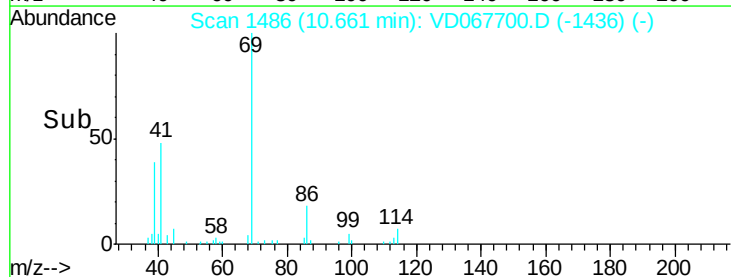
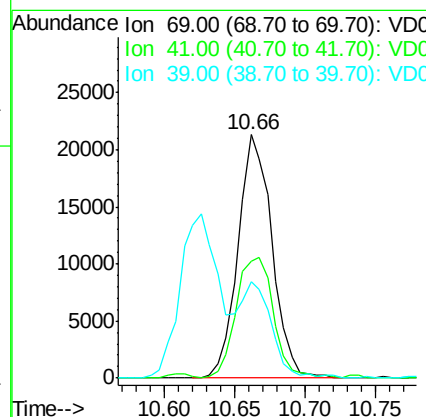
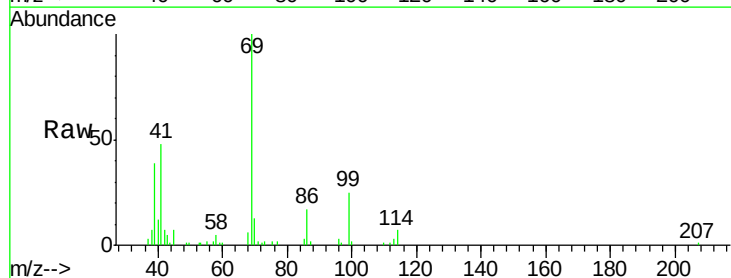
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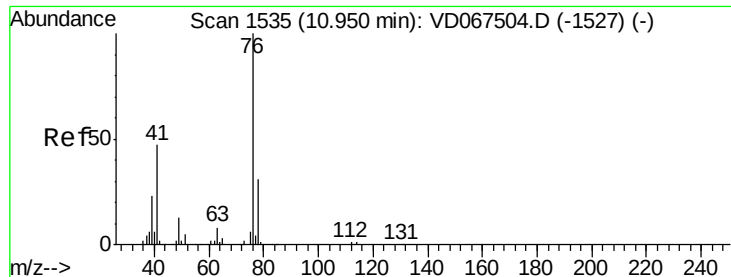
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 11/20/2020 10:06:30 AM



#56
 Ethyl methacrylate
 Concen: 20.866 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	69	Resp:	35869
Ion	Ratio	Lower	Upper
69	100		
41	54.7	45.4	68.0
39	35.0	27.4	41.0





#57

1,3-Dichloropropane

Concen: 21.625 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 76 Resp: 57925

Ion Ratio Lower Upper

76 100

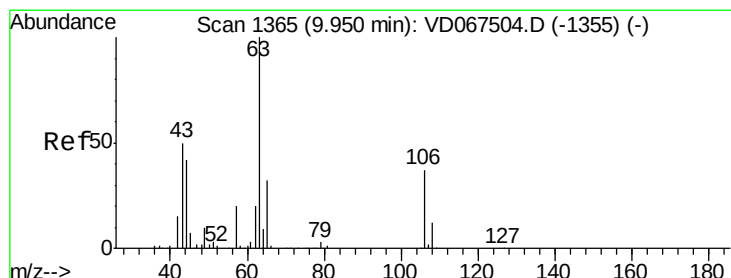
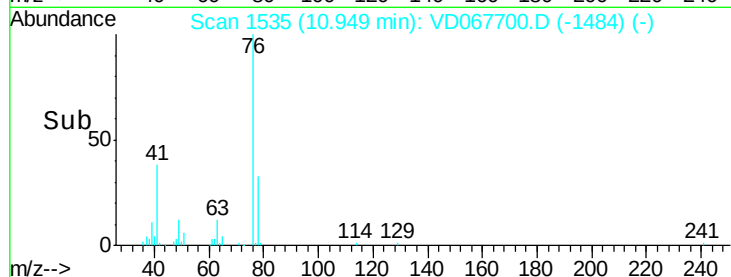
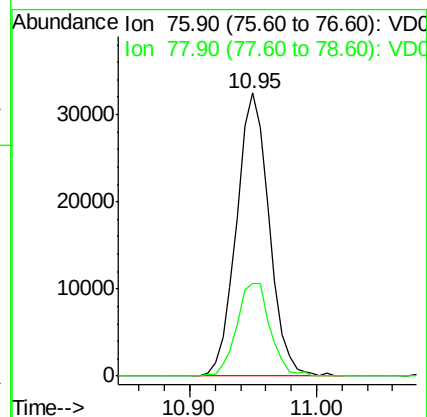
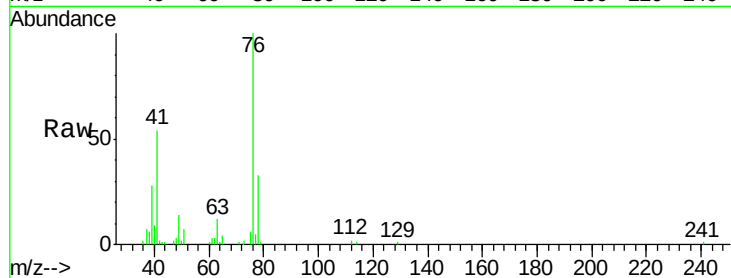
78 33.4 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.686 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067700.D

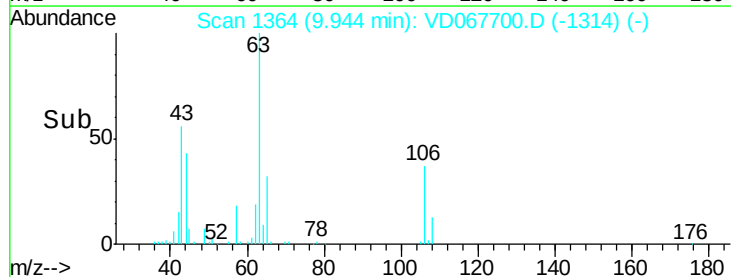
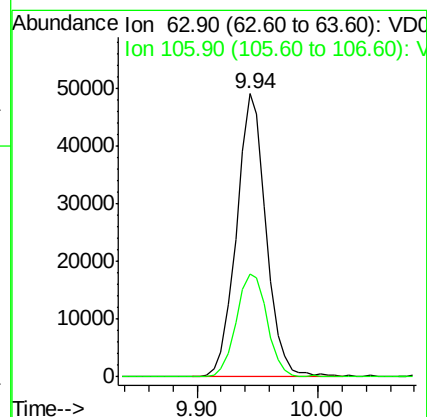
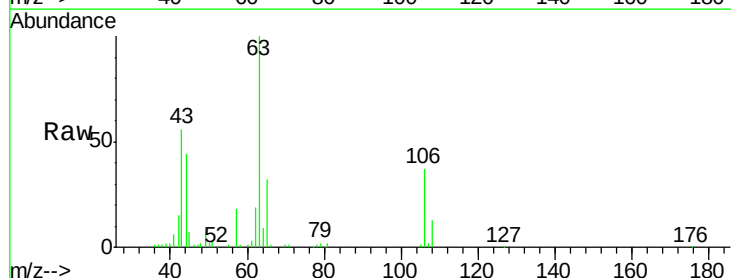
Acq: 19 Nov 2020 11:33

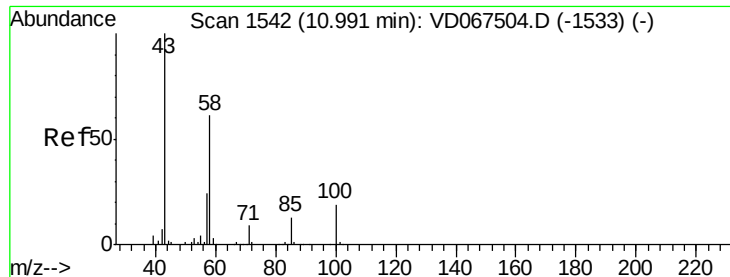
Tgt Ion: 63 Resp: 83918

Ion Ratio Lower Upper

63 100

106 37.7 29.2 43.8





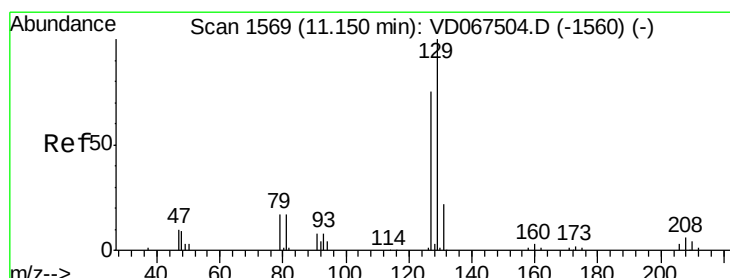
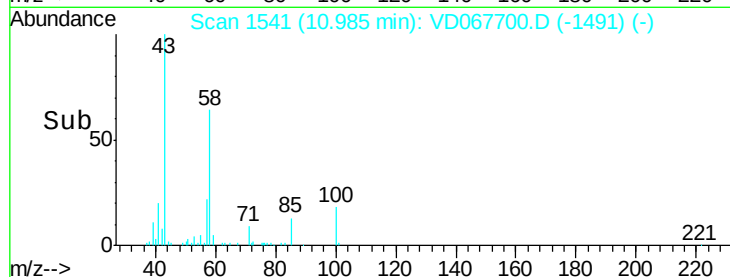
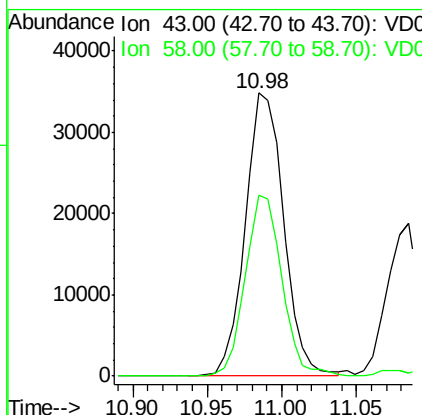
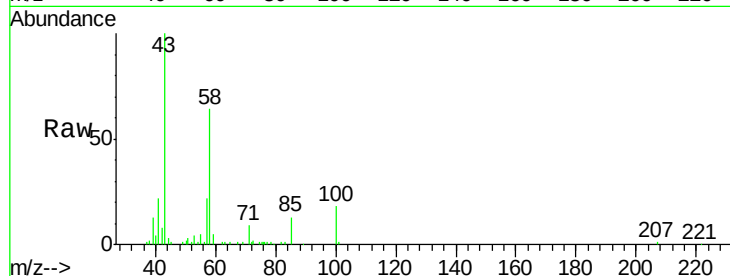
#59
2-Hexanone
Concen: 106.760 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	43	Resp	61929
Ion Ratio	100	Lower	Upper
43	100		
58	60.9	30.3	90.9

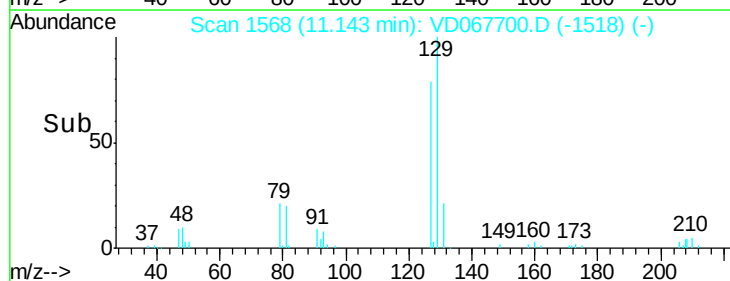
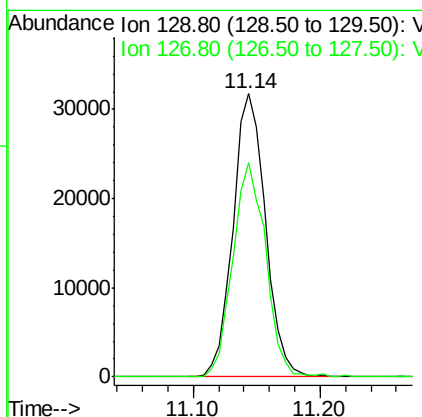
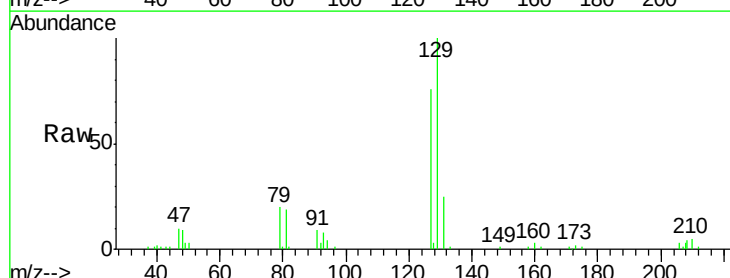
Manual Integrations
APPROVED

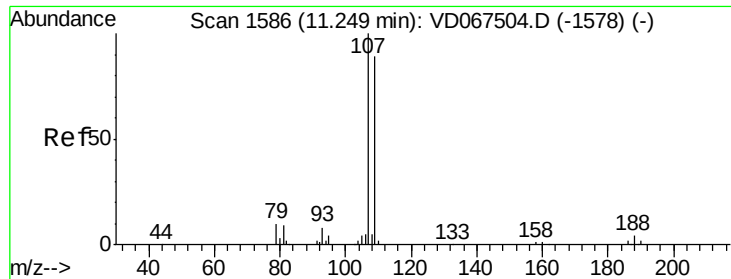
MMDadoda
11/20/2020 10:06:30 AM



#60
Dibromochloromethane
Concen: 22.820 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	129	Resp	56193	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	76.5	38.0	114.1	





#61

1,2-Dibromoethane

Concen: 21.673 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 107 Resp: 36208

Ion Ratio Lower Upper

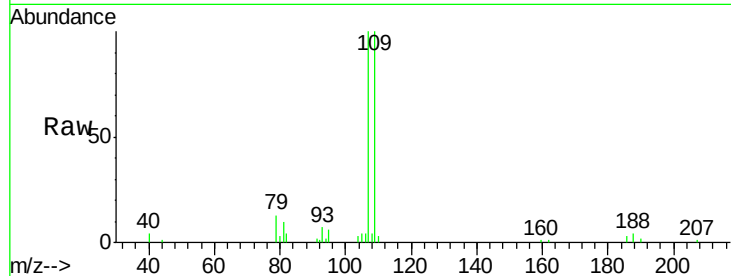
107 100

109 97.8 74.6 111.8

Manual Integrations
APPROVED

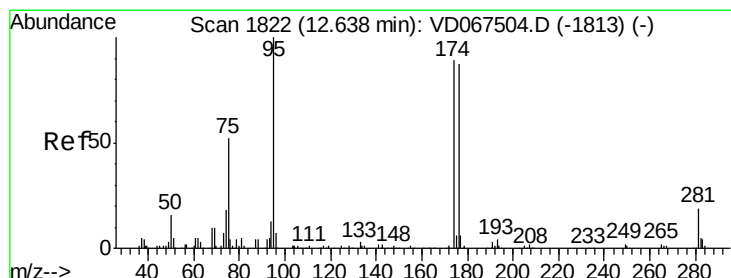
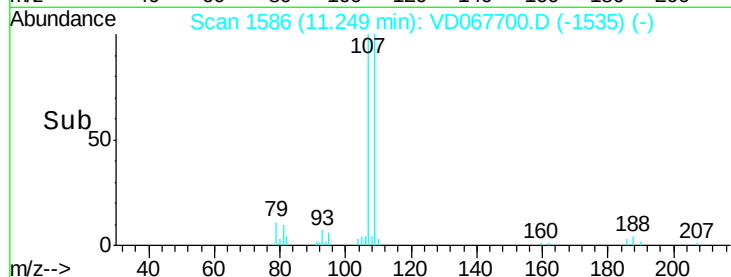
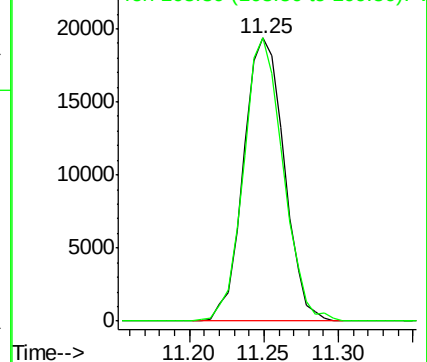
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.814 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

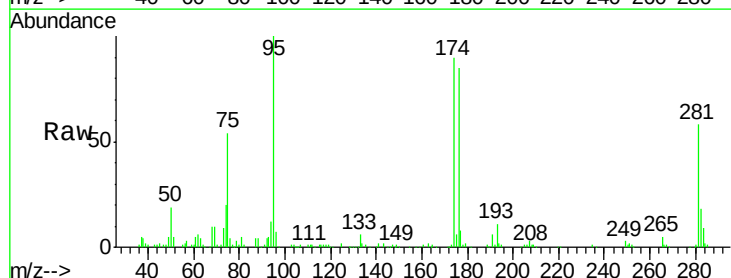
Tgt Ion: 95 Resp: 140840

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.8

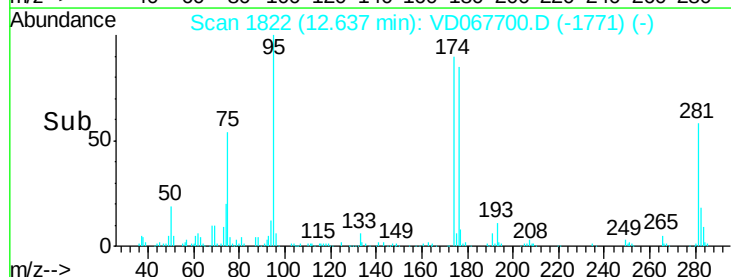
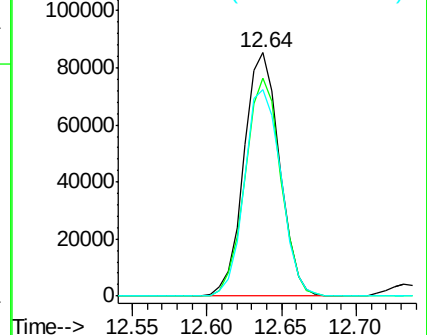
176 86.9 0.0 172.0

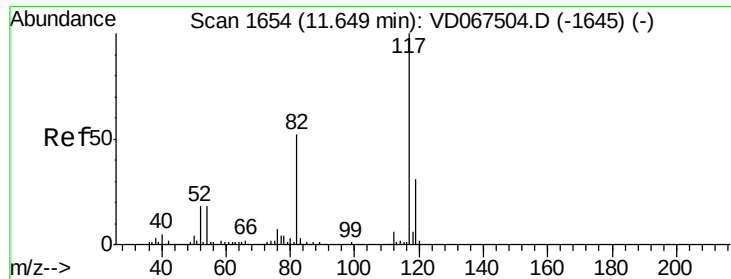


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





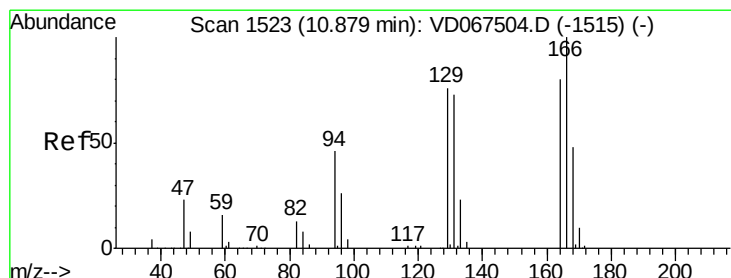
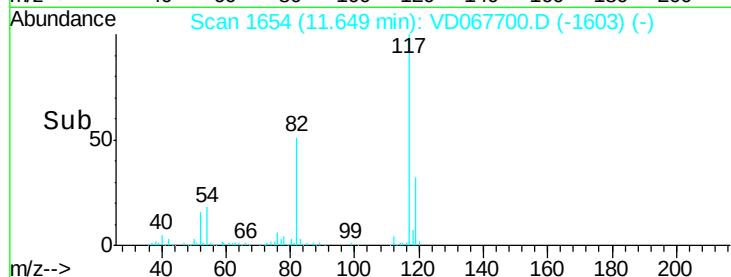
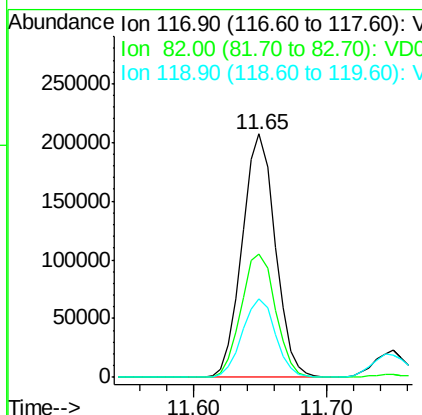
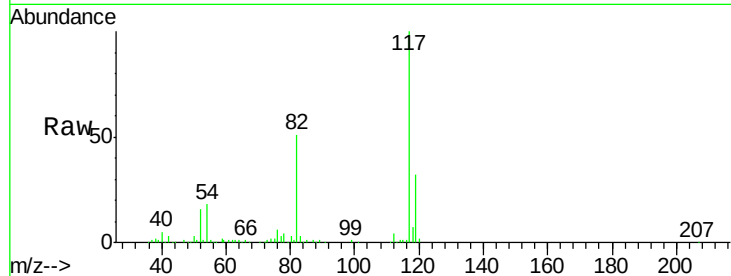
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	356077		
82	50.8	41.6	62.4	
119	32.2	25.1	37.7	

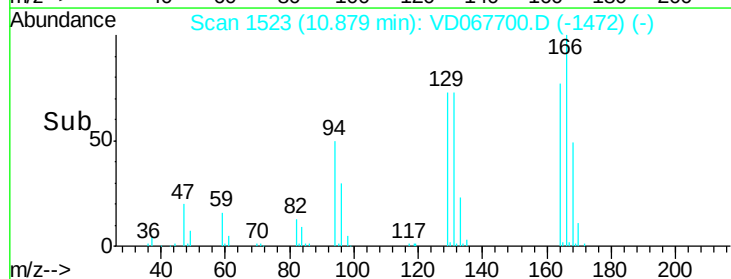
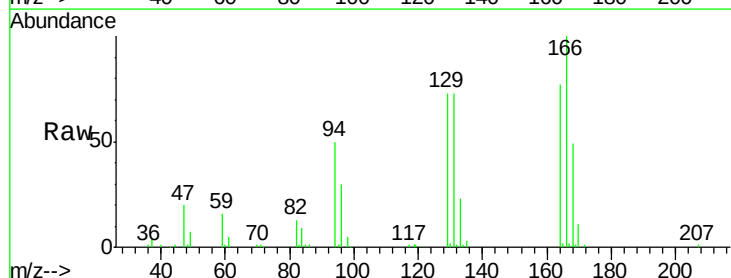
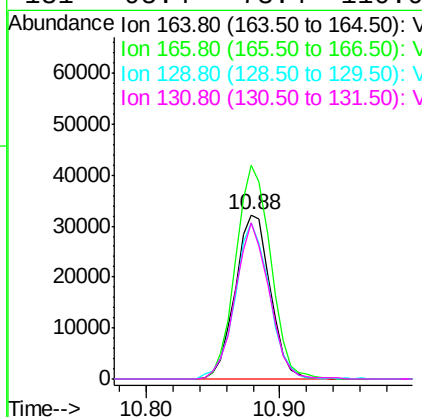
Manual Integrations
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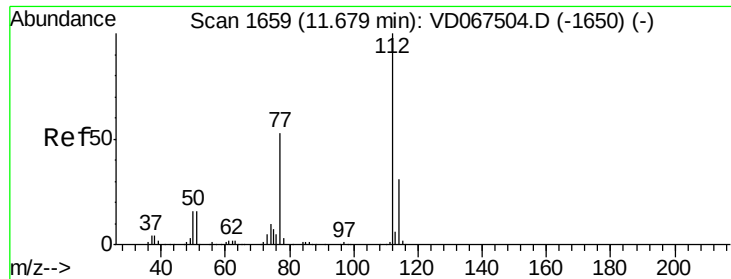
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#64
Tetrachloroethene
Concen: 22.204 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58554		
166	130.0	99.9	149.9	
129	94.9	75.5	113.3	
131	95.4	73.4	110.0	





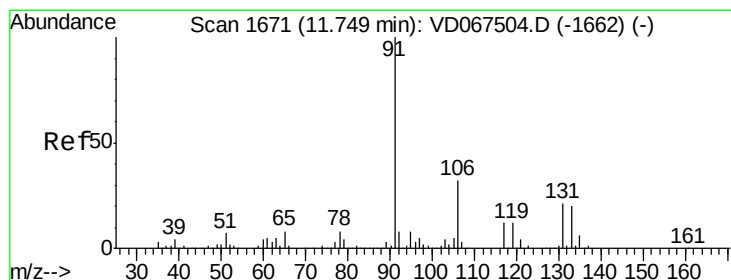
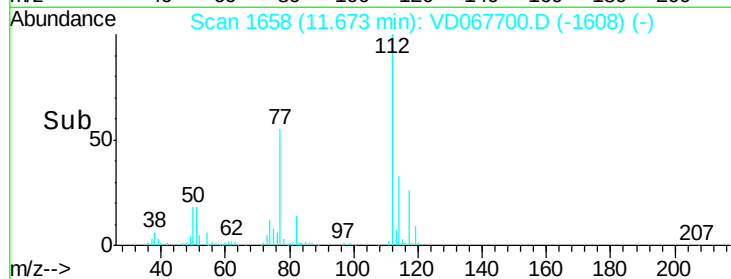
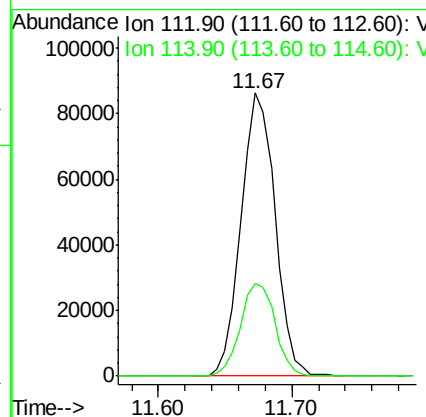
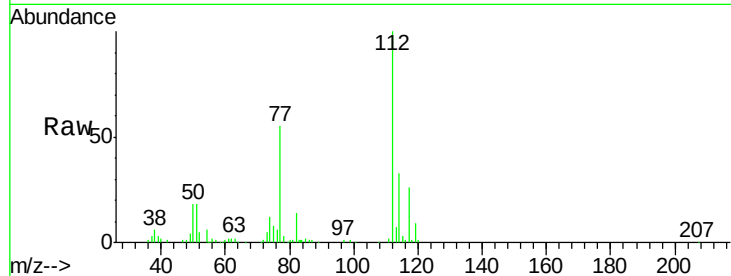
#65
Chlorobenzene
Concen: 22.212 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.9	37.3

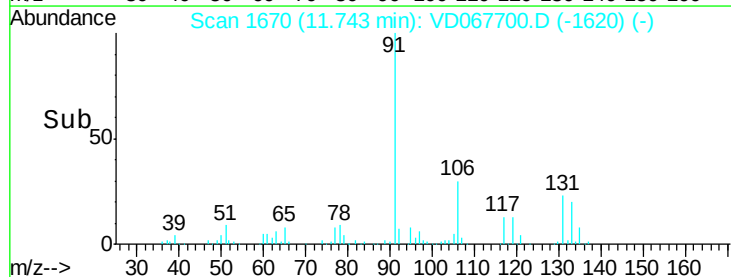
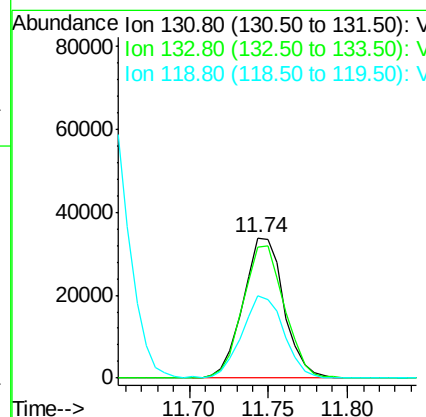
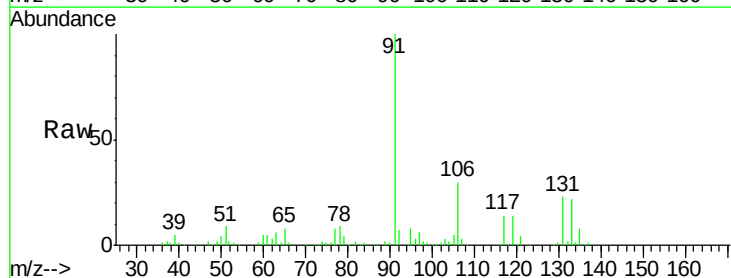
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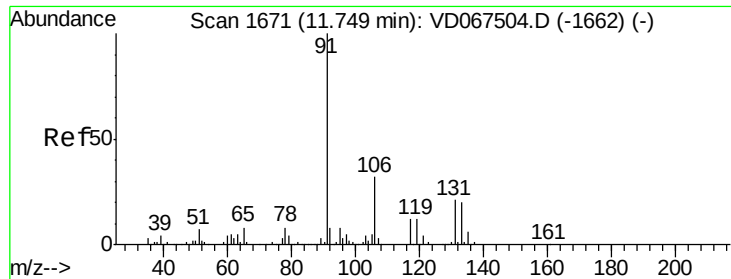
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.362 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	60.5	30.1	90.5





#67

Ethyl Benzene

Concen: 22.353 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 91 Resp: 262365

Ion Ratio Lower Upper

91 100

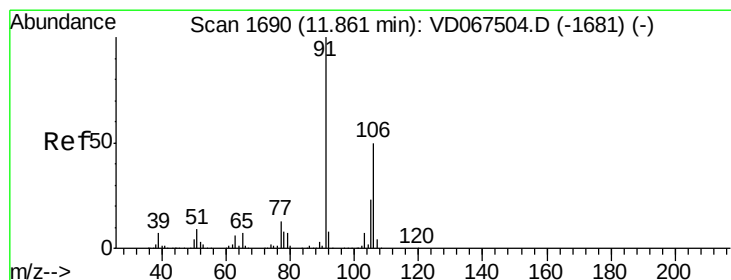
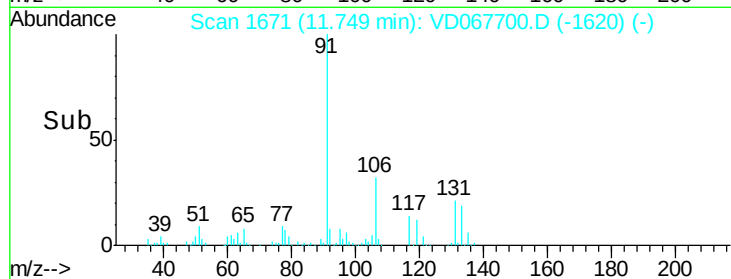
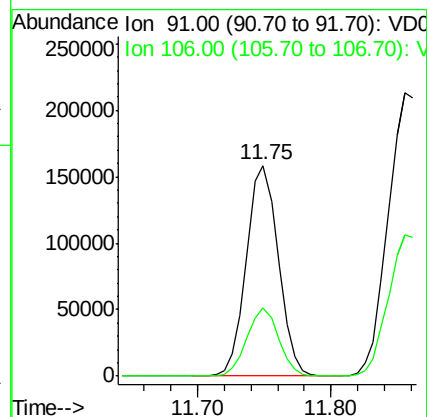
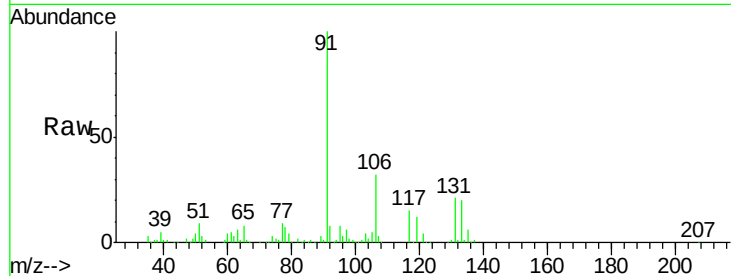
106 32.2 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 45.519 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067700.D

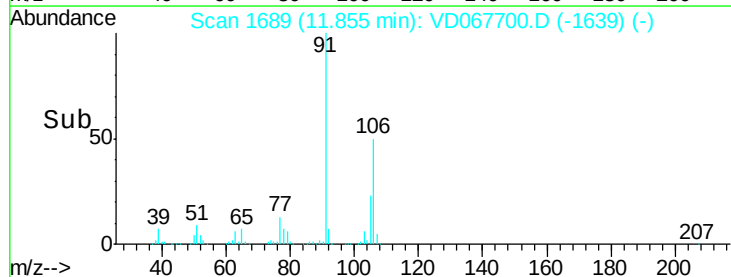
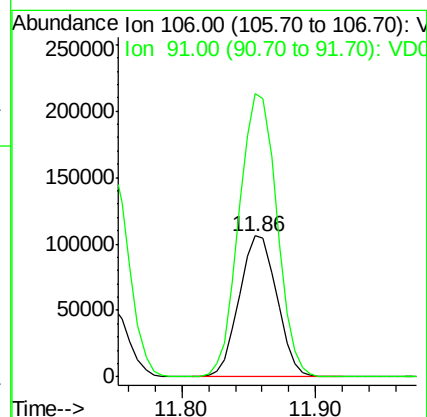
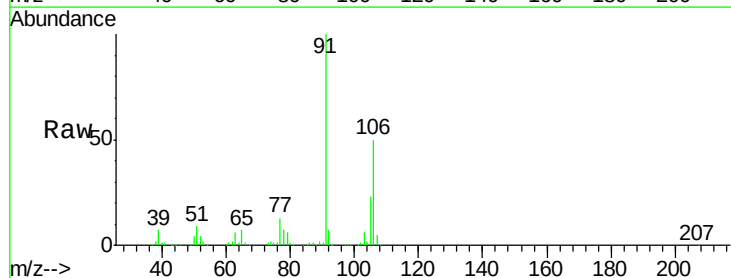
Acq: 19 Nov 2020 11:33

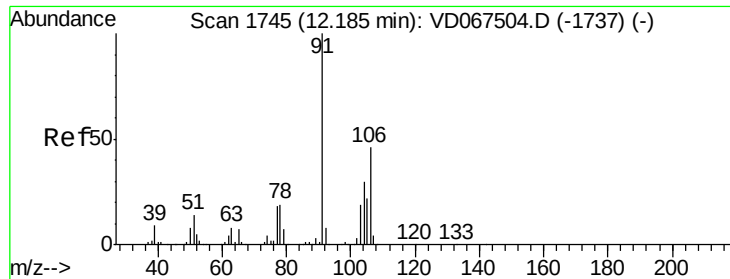
Tgt Ion: 106 Resp: 207850

Ion Ratio Lower Upper

106 100

91 201.6 162.6 244.0





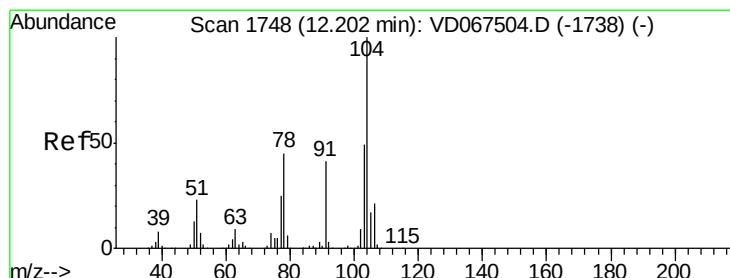
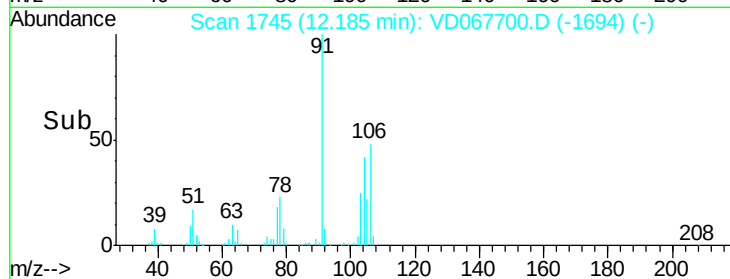
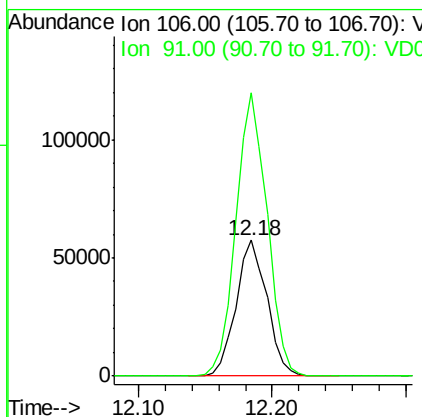
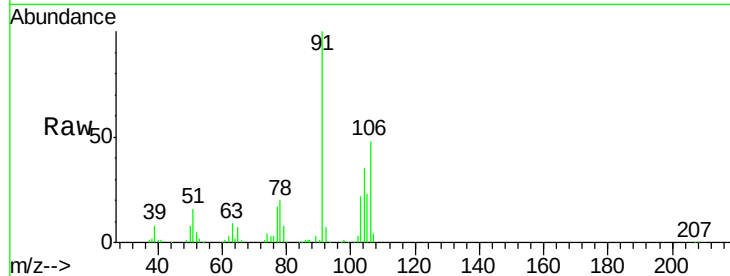
#69
o-Xylene
Concen: 22.607 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion:106 Resp: 92166
Ion Ratio Lower Upper
106 100
91 209.7 107.1 321.1

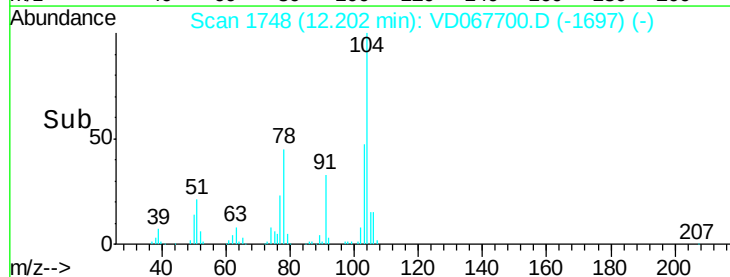
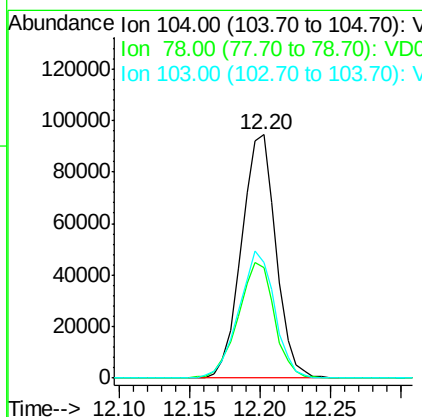
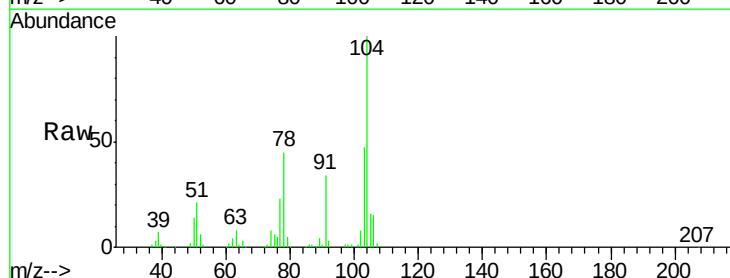
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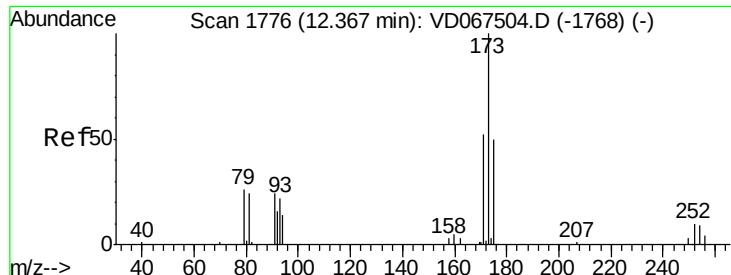
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#70
Styrene
Concen: 22.677 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:104 Resp: 161101
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.4 43.9 65.9





#71

Bromoform

Concen: 22.064 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion:173 Resp: 30420

Ion Ratio Lower Upper

173 100

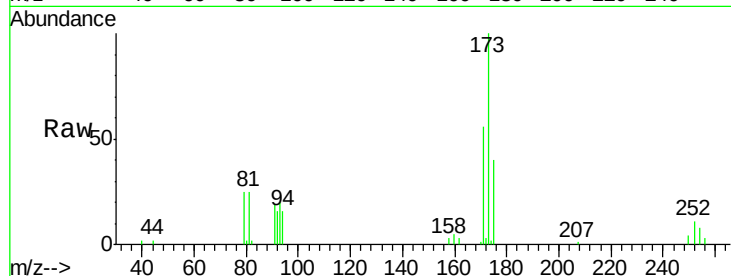
175 51.0 24.1 72.2

254 0.0 0.0 0.0

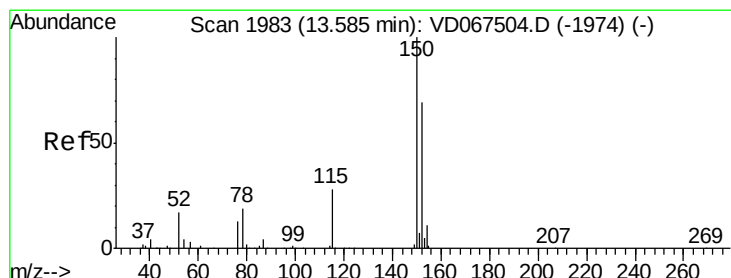
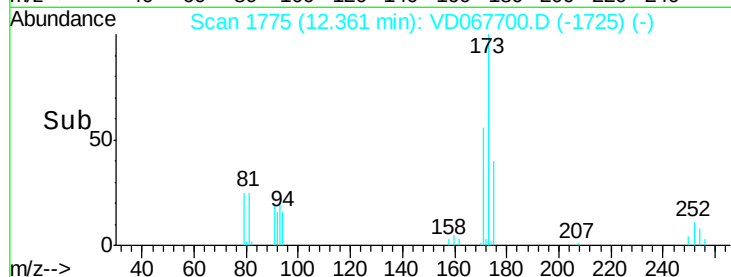
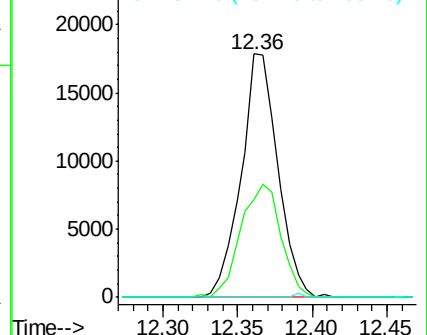
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

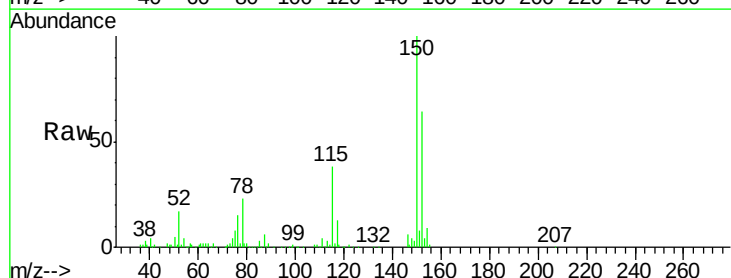
Tgt Ion:152 Resp: 182307

Ion Ratio Lower Upper

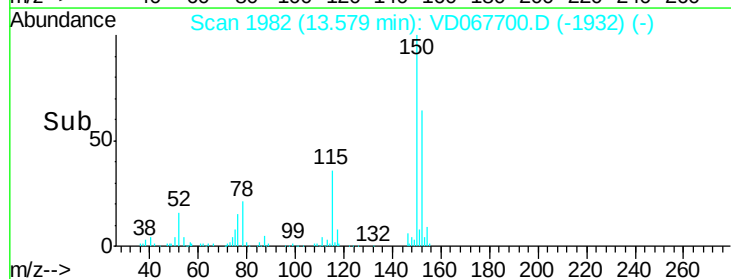
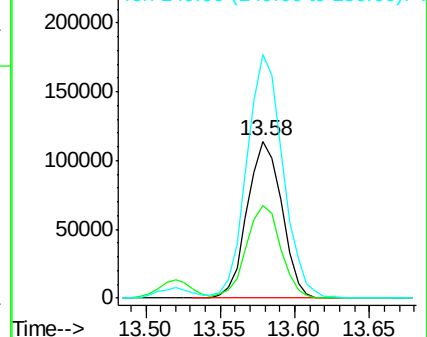
152 100

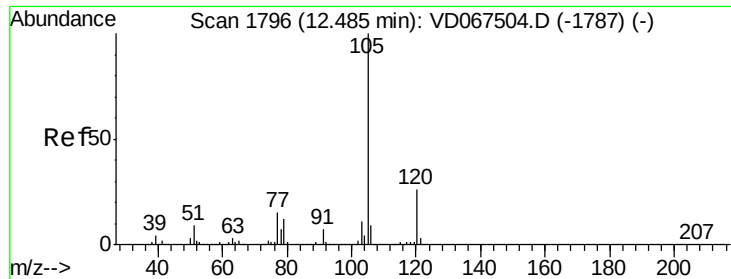
115 59.1 29.3 88.0

150 162.2 0.0 338.2



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





#73

Isopropylbenzene

Concen: 22.662 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion:105 Resp: 267009

Ion Ratio Lower Upper

105 100

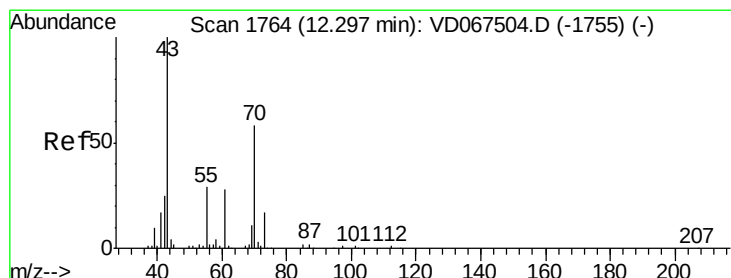
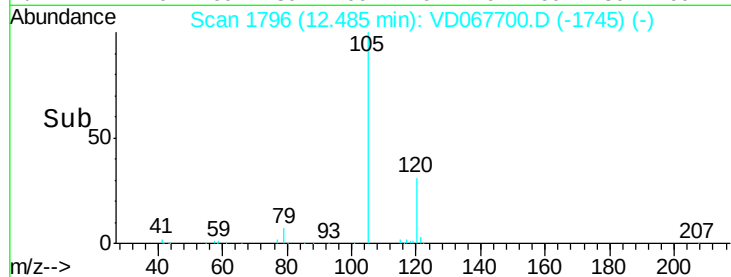
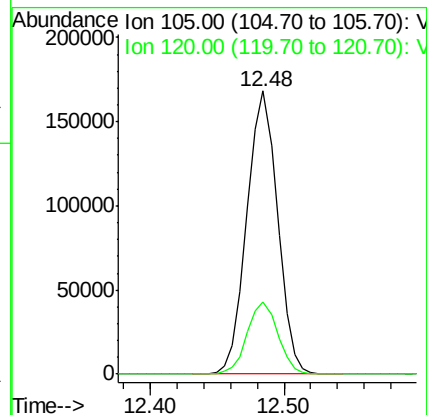
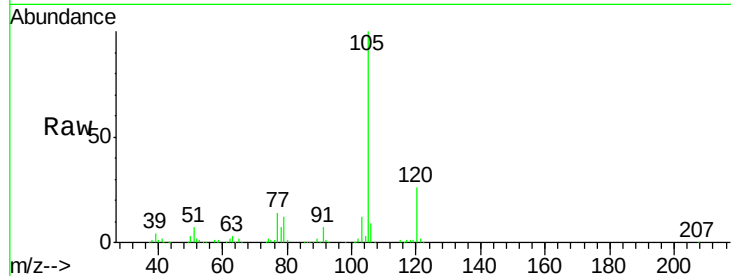
120 25.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.109 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion: 43 Resp: 32726

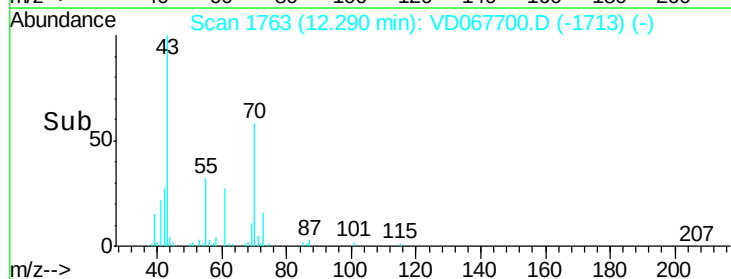
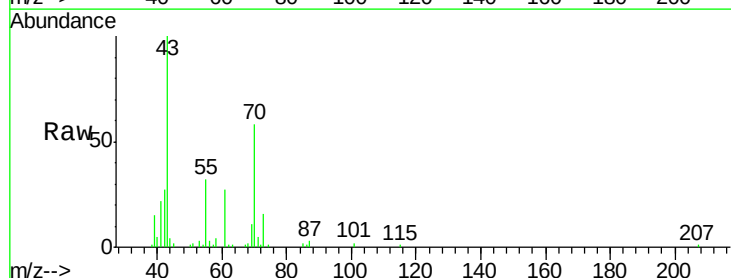
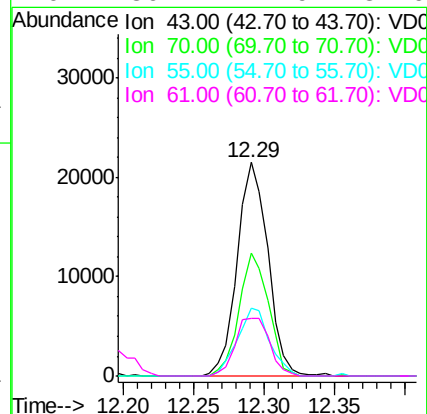
Ion Ratio Lower Upper

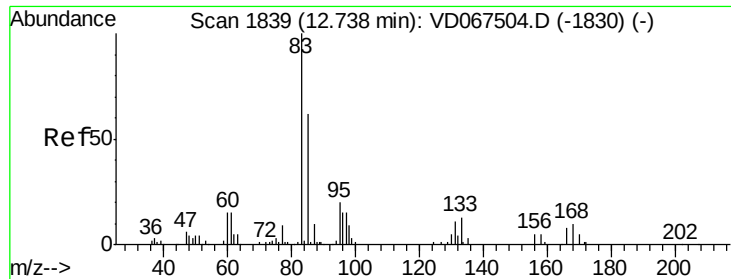
43 100

70 55.3 42.6 64.0

55 33.1 23.7 35.5

61 30.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.973 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

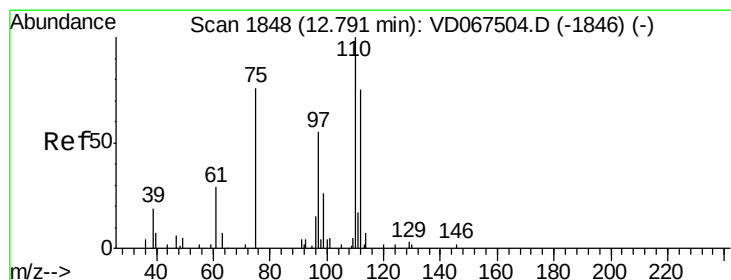
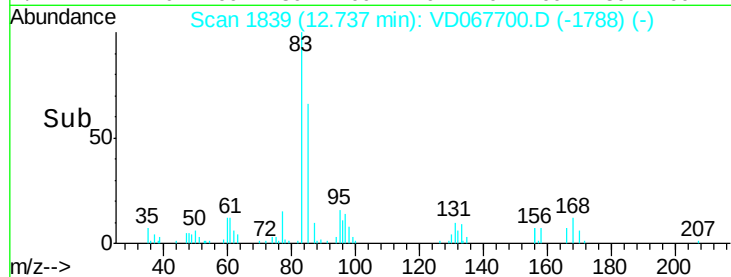
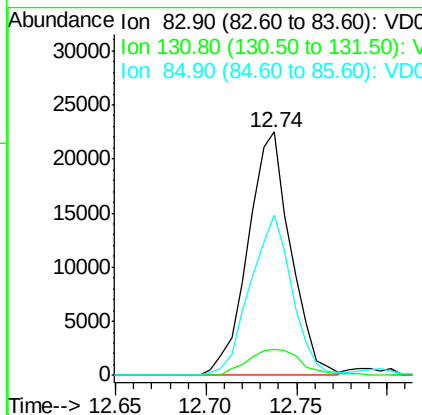
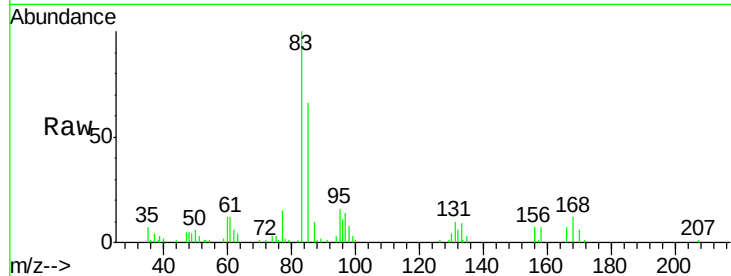
ClientSampleId :

VD1119SBS01

Tot Ion:	83	Resp:	36910
Ion Ratio	Lower	Upper	
83	100		
131	13.4	7.1	21.3
85	64.9	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.530 ug/l m

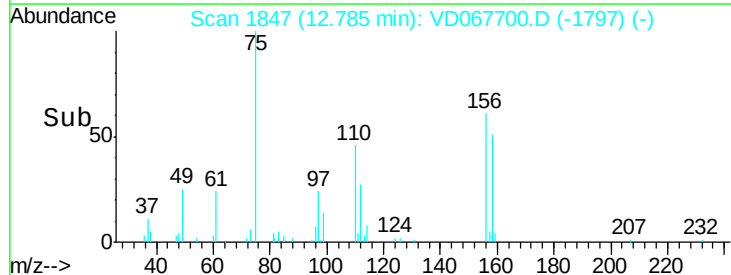
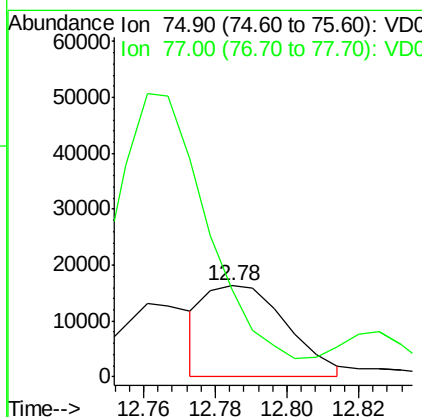
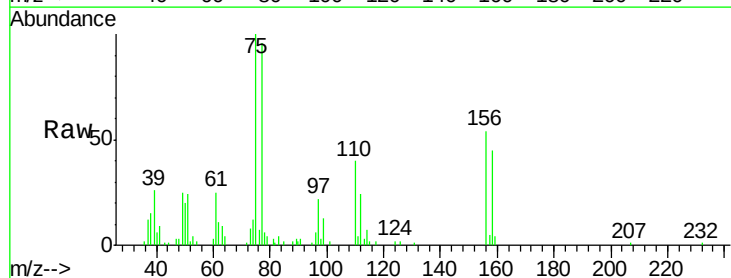
RT: 12.78 min Scan# 1847

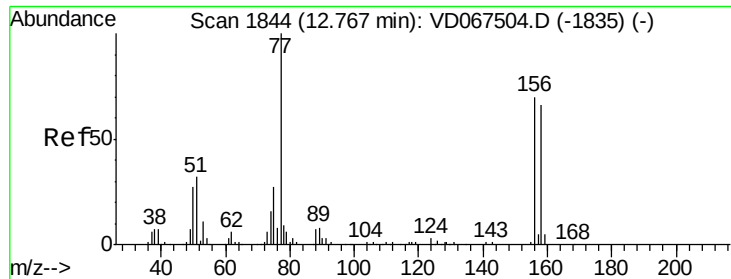
Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion:	75	Resp:	25878
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.713 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

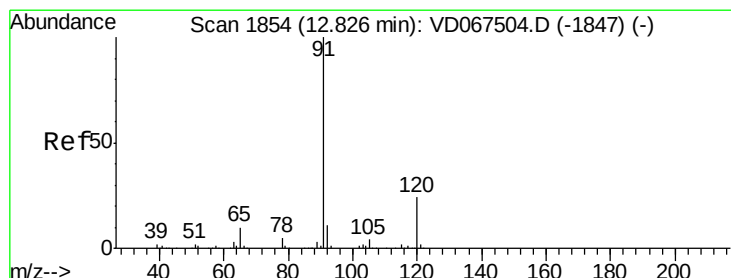
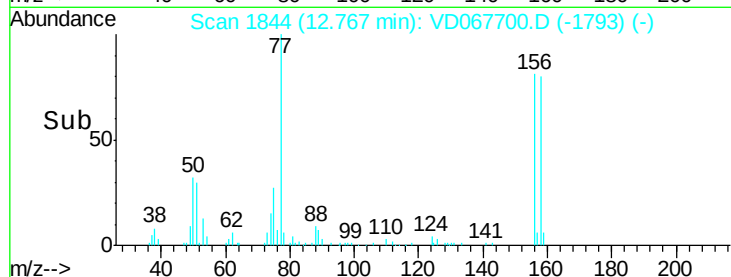
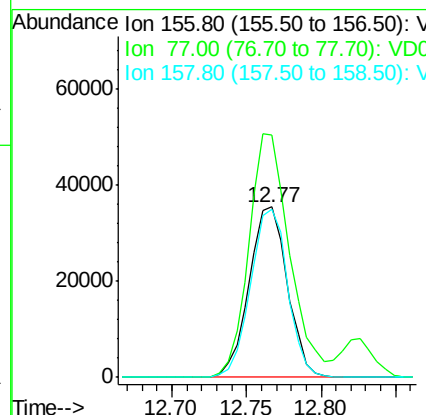
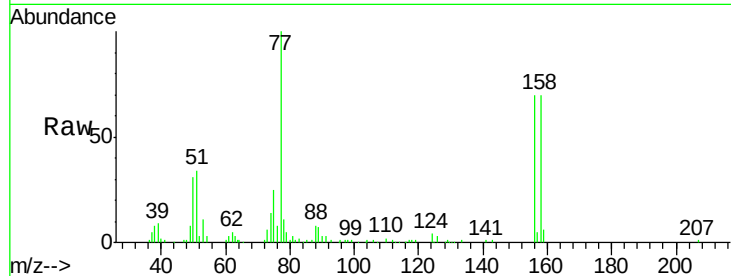
ClientSampleId :

VD1119SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.7	77.8	233.5
158	95.5	47.9	143.7

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#78

n-propylbenzene

Concen: 22.134 ug/l

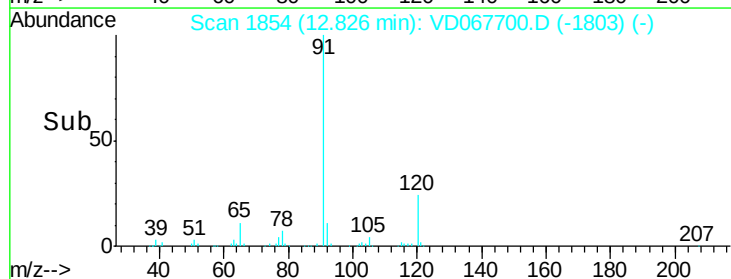
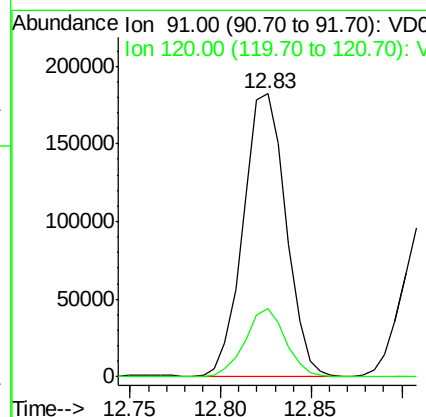
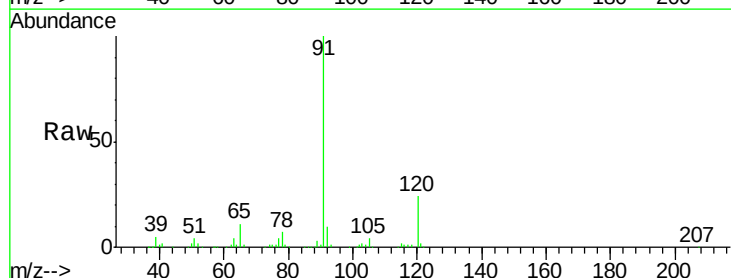
RT: 12.83 min Scan# 1854

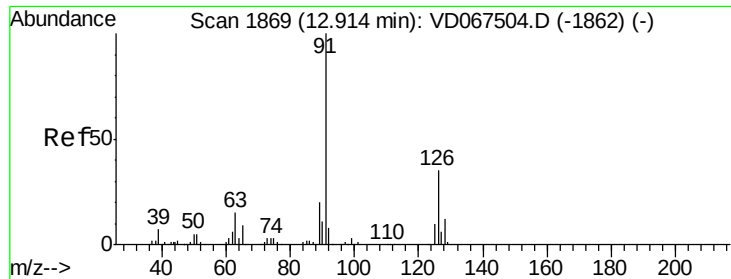
Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 22.047 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tot Ion: 91 Resp: 168779

Ion Ratio Lower Upper

91 100

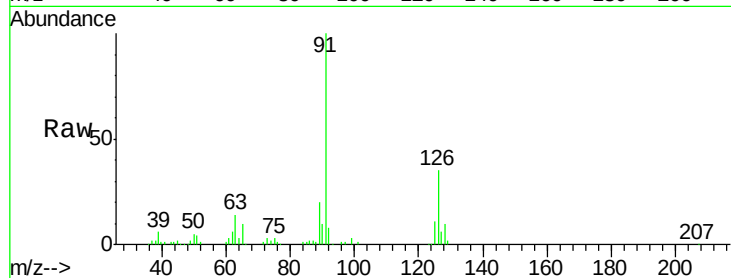
126 35.8 17.8 53.4

Manual Integrations

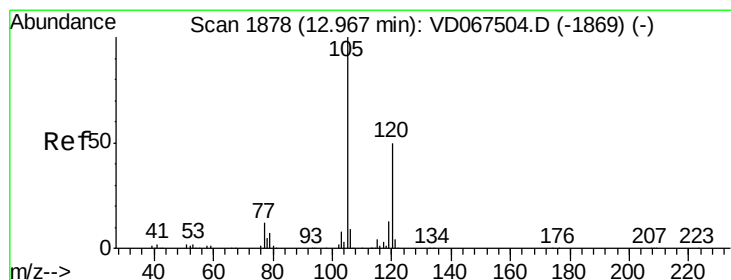
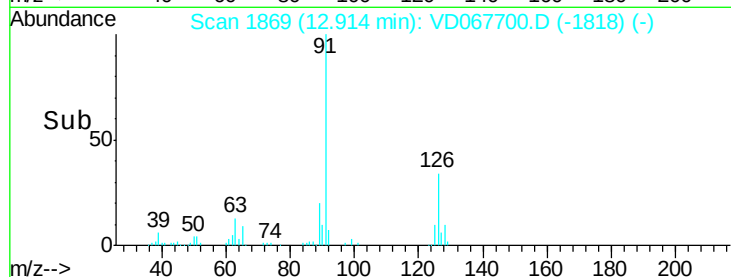
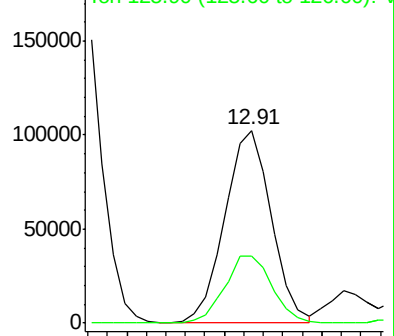
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Abundance Ion 91.00 (90.70 to 91.70): VD067700.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.520 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067700.D

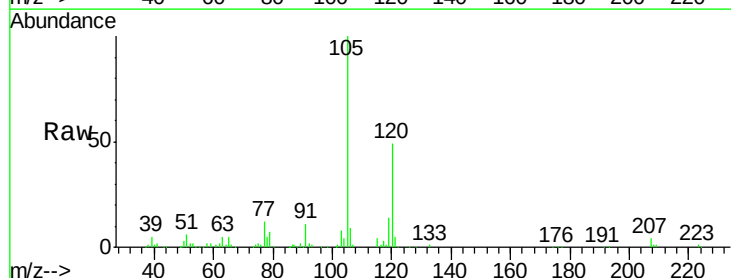
Acq: 19 Nov 2020 11:33

Tgt Ion: 105 Resp: 226660

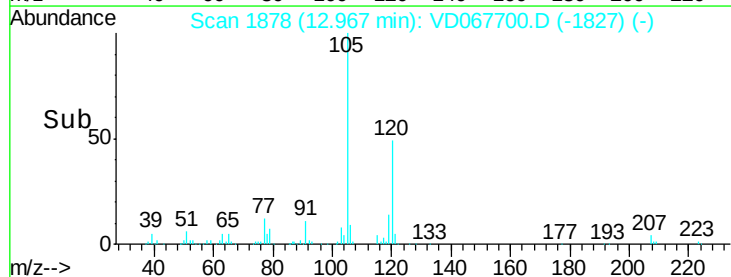
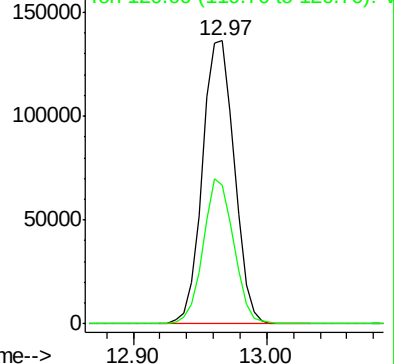
Ion Ratio Lower Upper

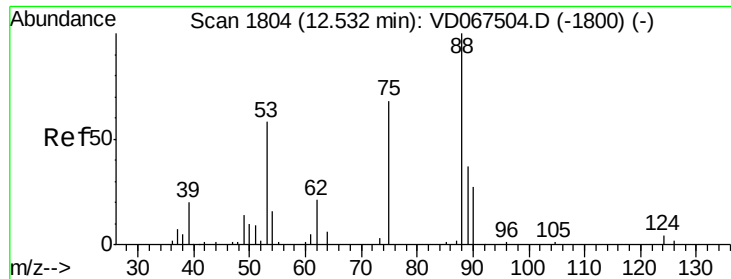
105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067700.D (-1827) (-)





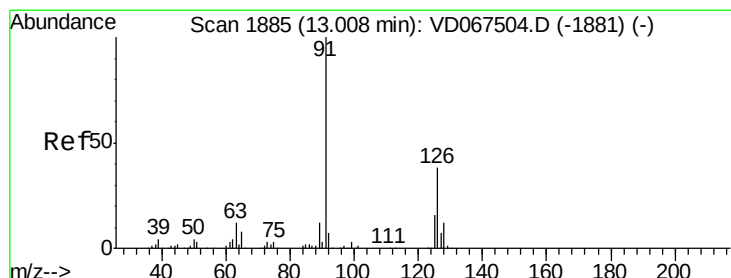
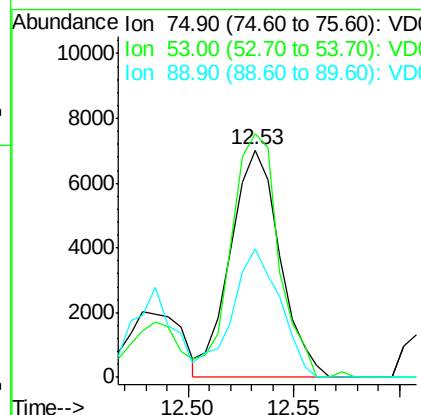
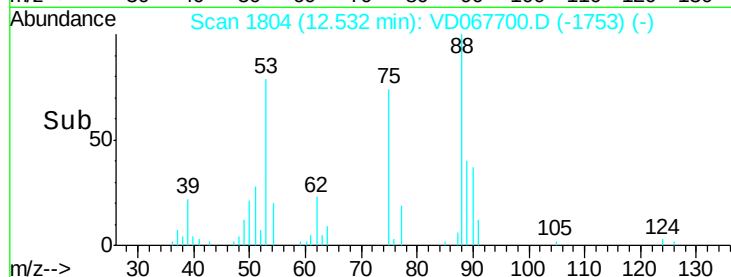
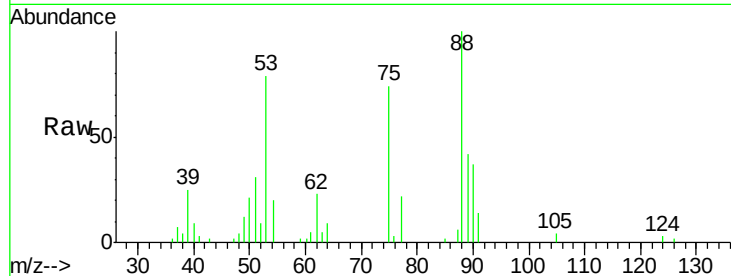
#81
trans-1,4-Dichloro-2-butene
Concen: 21.073 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	75.9	113.9
89	54.8	44.6	67.0

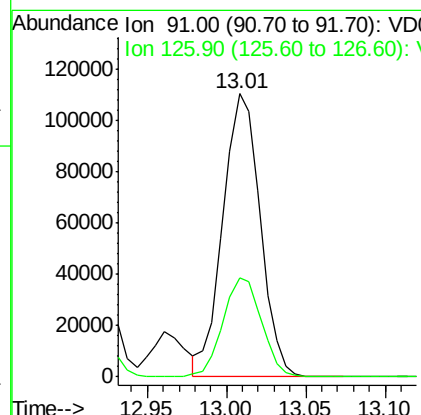
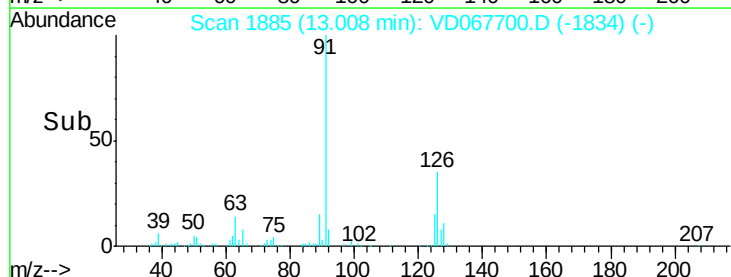
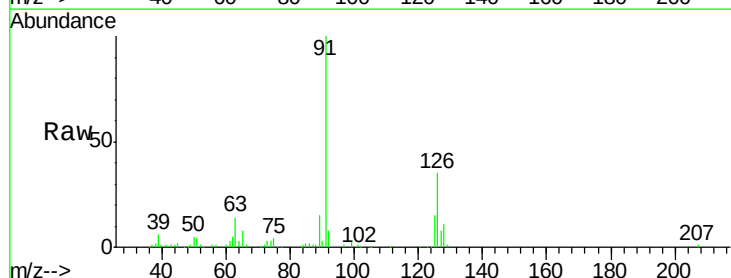
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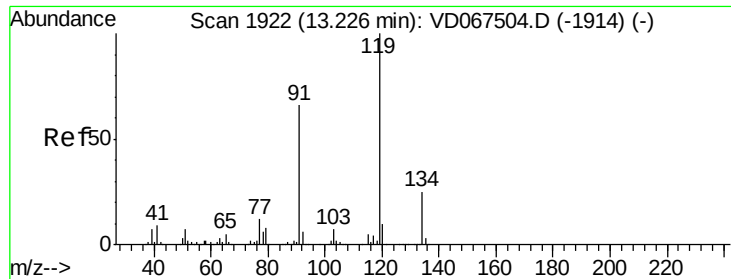
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.993 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.9	53.7





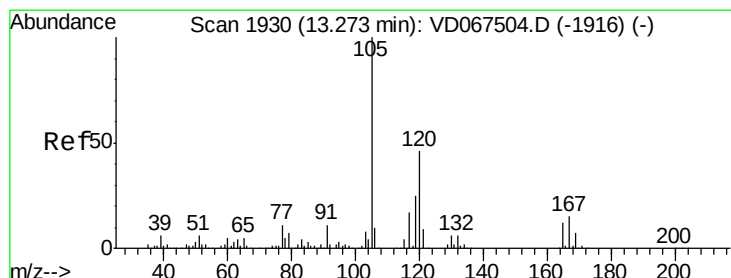
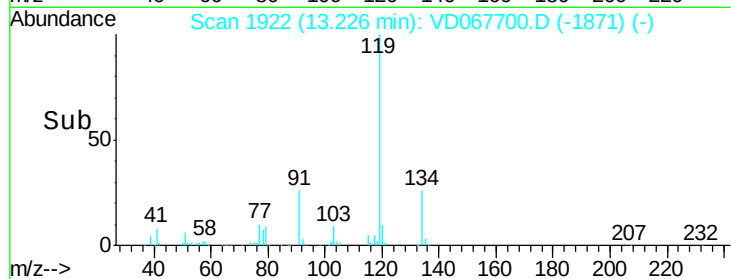
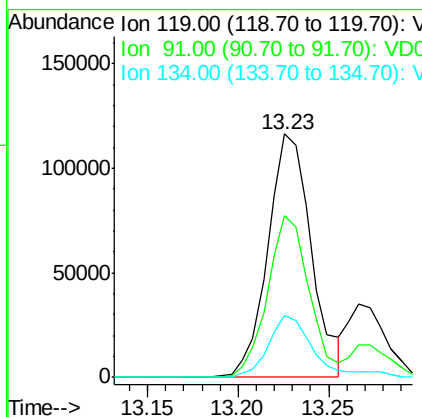
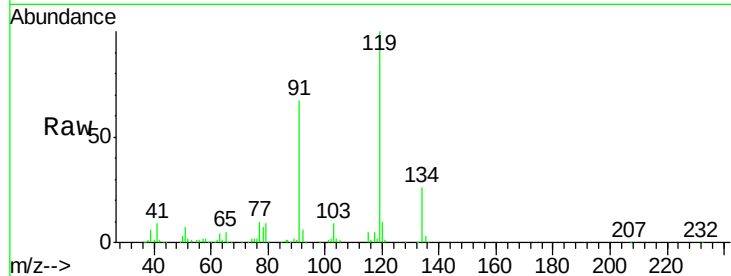
#83
 tert-Butylbenzene
 Concen: 22.892 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.7	98.1
134	26.2	13.4	40.2

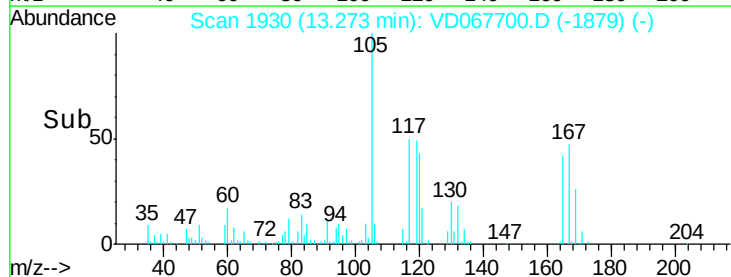
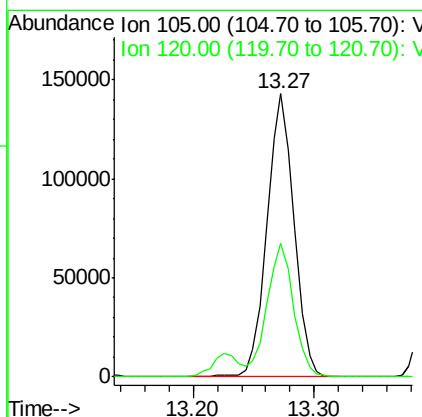
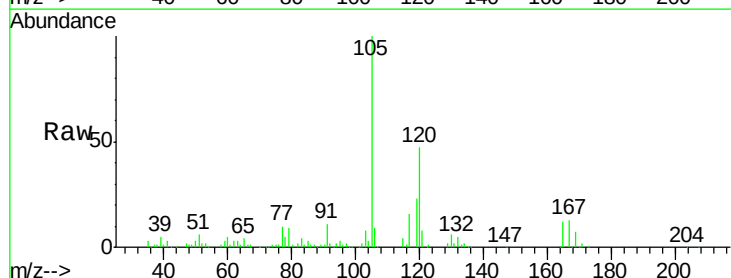
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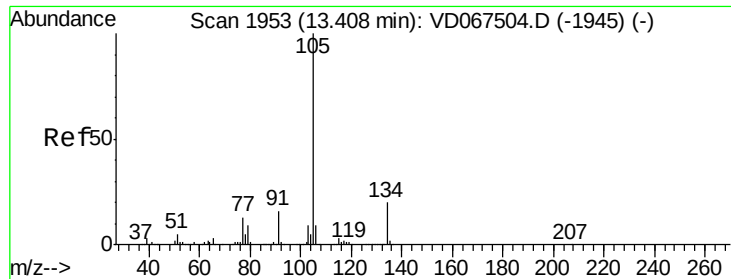
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.294 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.1	66.1





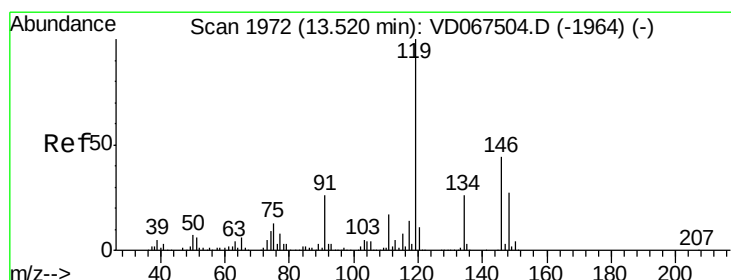
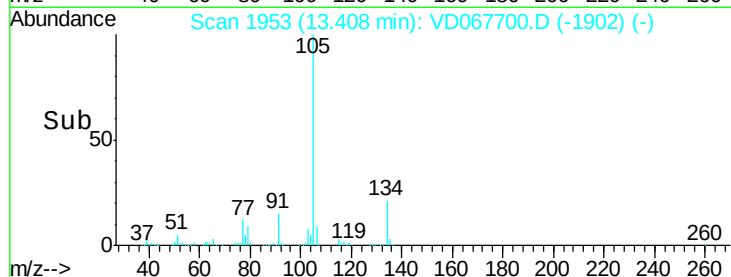
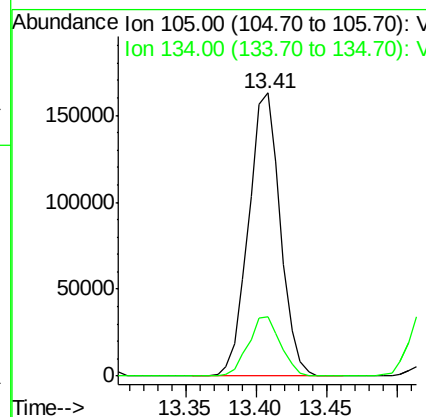
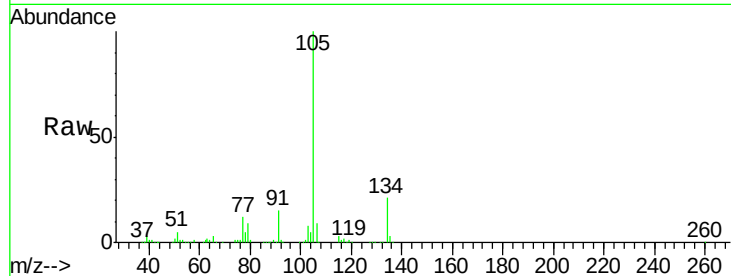
#85
 sec-Butylbenzene
 Concen: 22.346 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.4	31.4

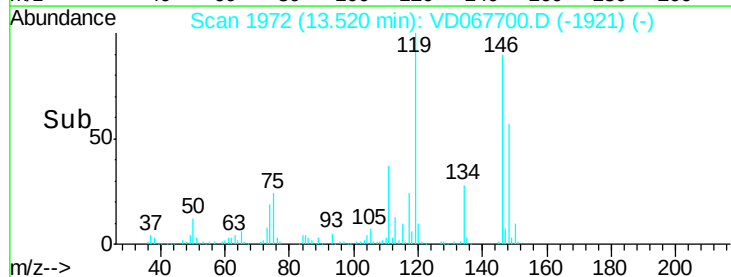
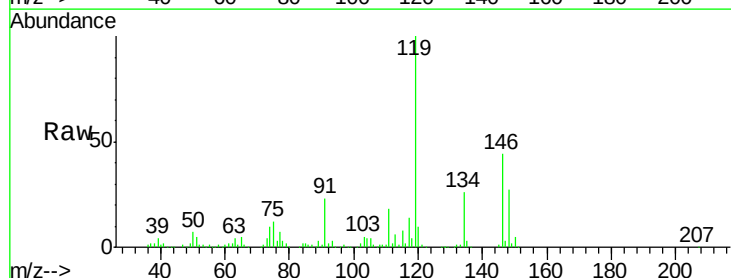
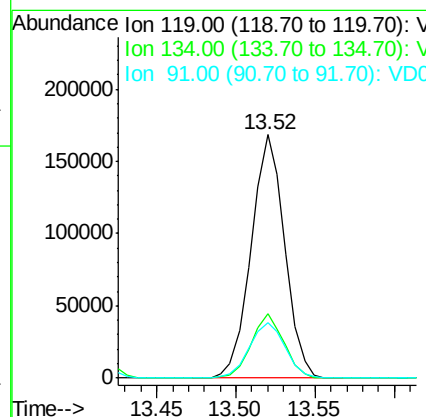
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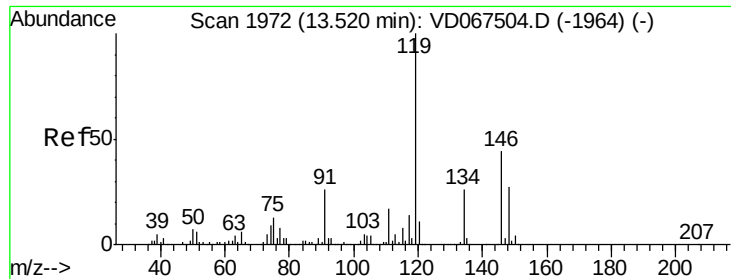
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#86
 p-Isopropyltoluene
 Concen: 22.176 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	24.5	12.2	36.4





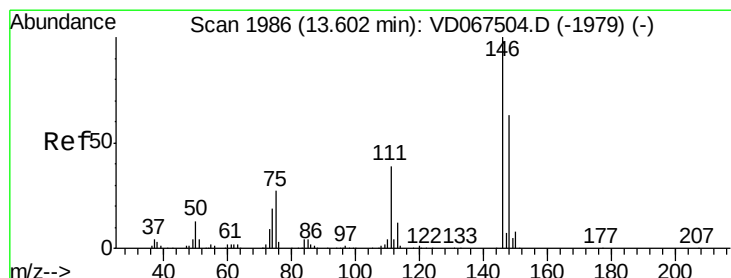
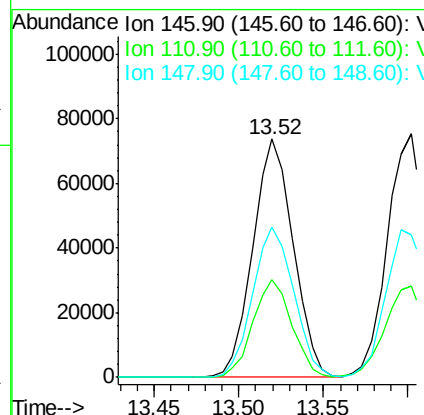
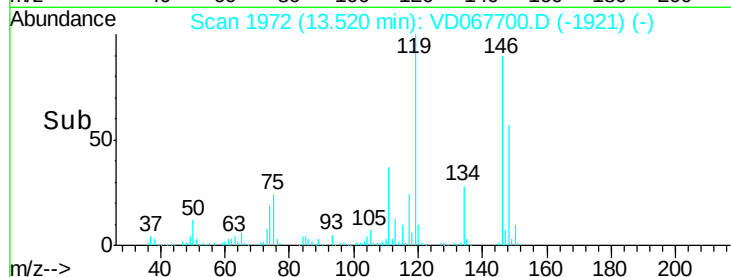
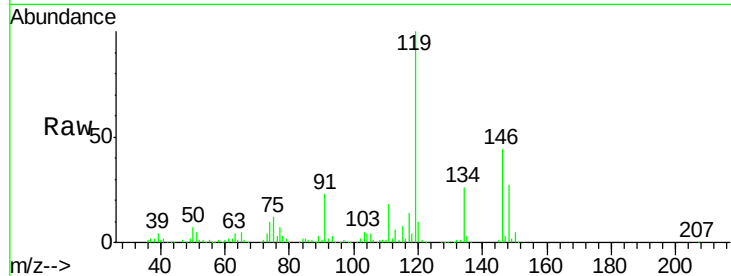
#87
 1,3-Dichlorobenzene
 Concen: 22.164 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122372		
111	39.6	20.3	60.8	
148	64.1	31.9	95.9	

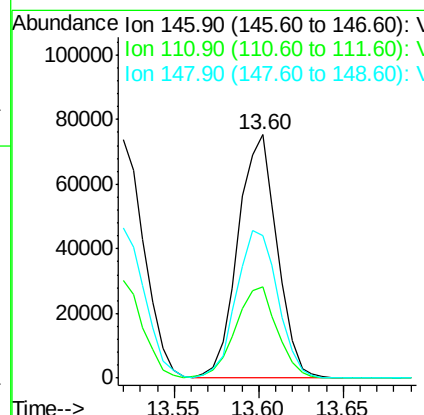
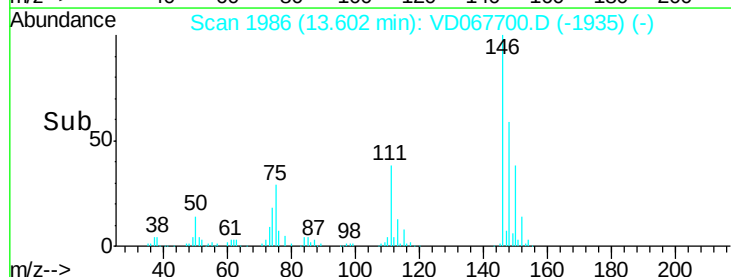
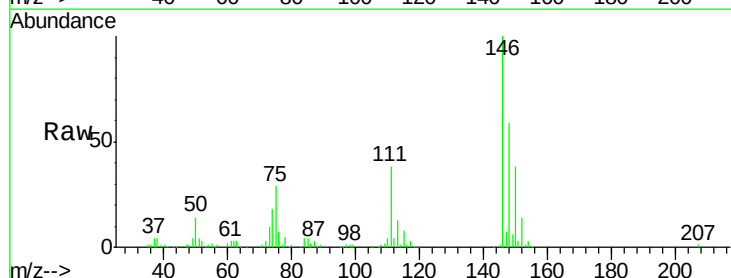
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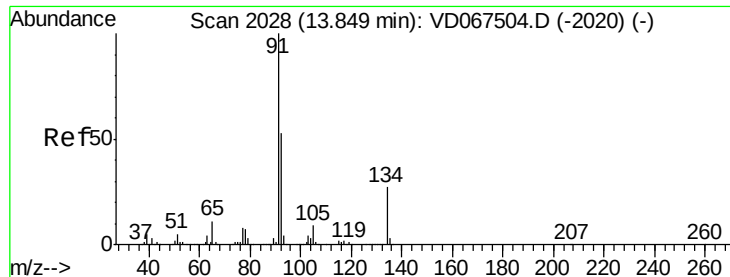
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#88
 1,4-Dichlorobenzene
 Concen: 21.669 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121146		
111	40.1	19.6	58.7	
148	64.7	31.8	95.4	





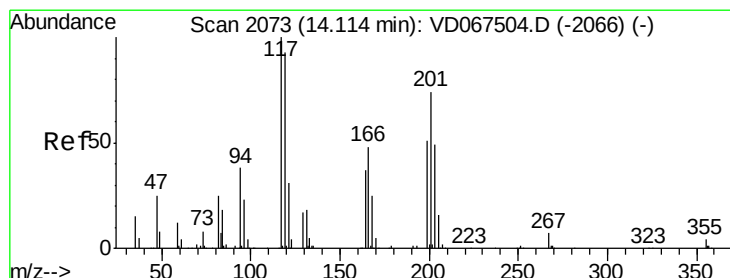
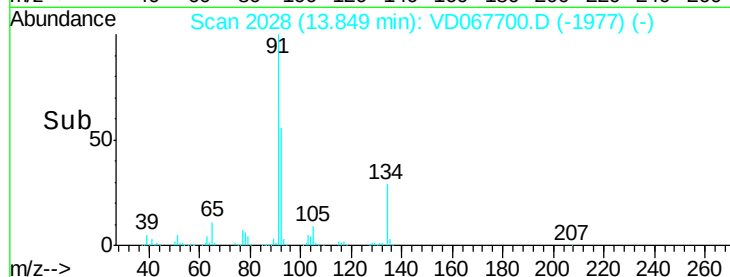
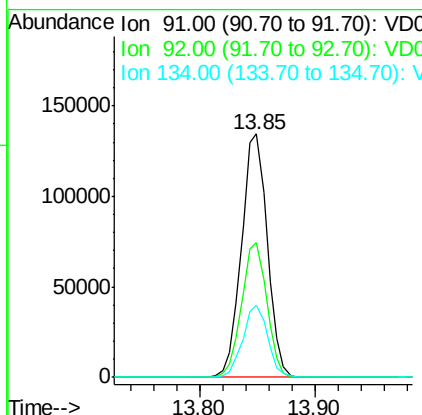
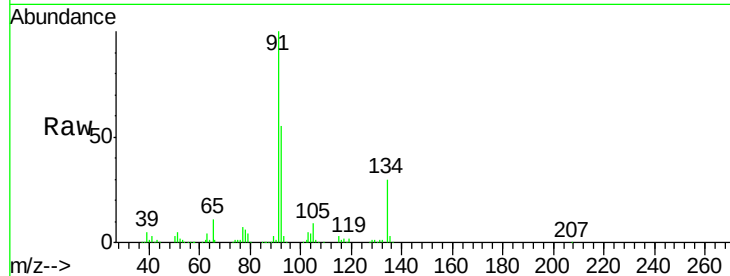
#89
n-Butylbenzene
Concen: 21.695 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.6	79.8
134	28.7	14.1	42.2

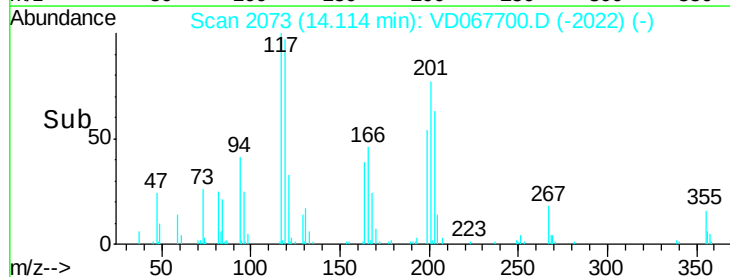
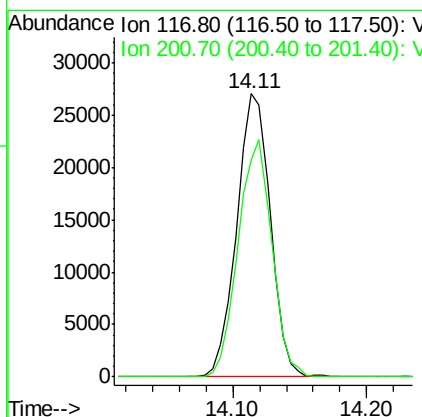
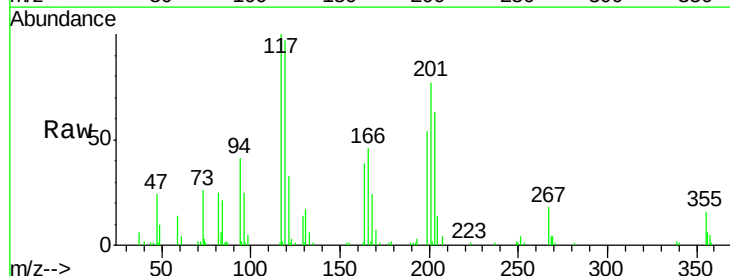
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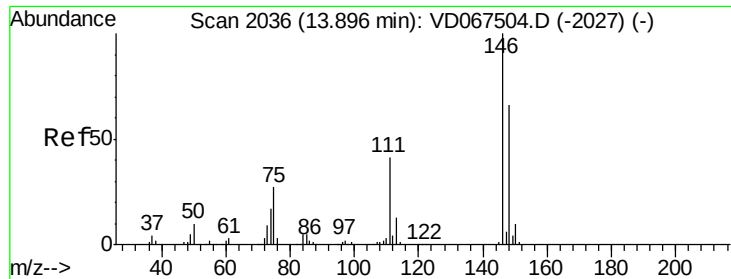
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#90
Hexachloroethane
Concen: 22.454 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	40.7	122.1





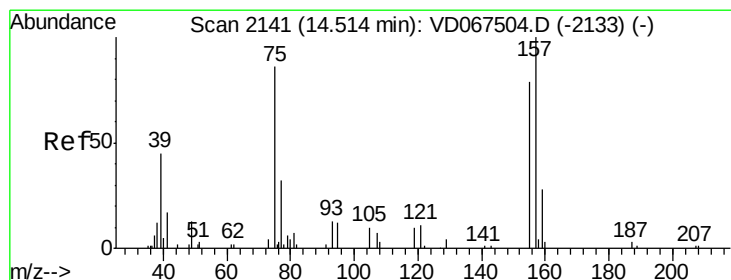
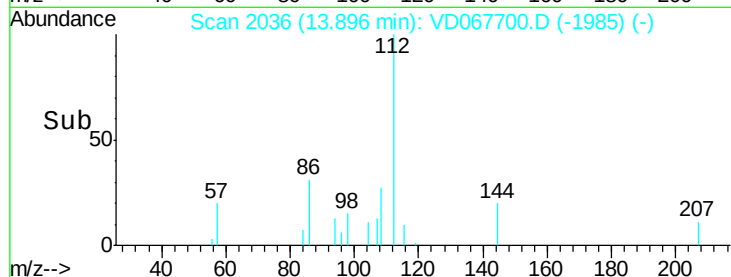
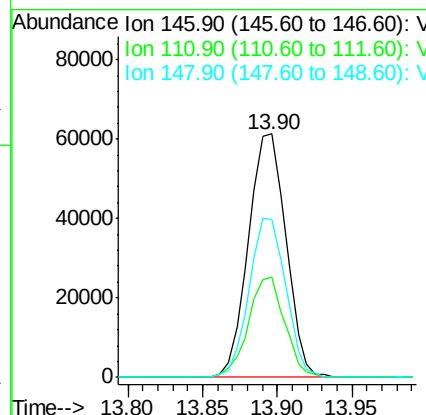
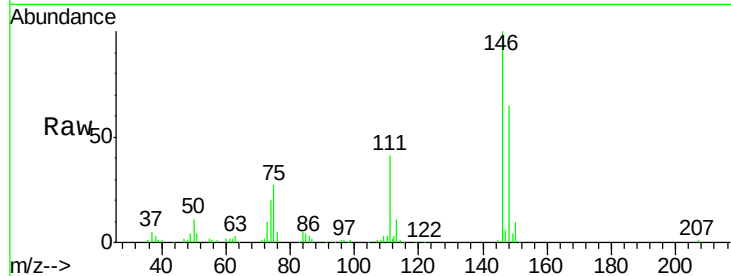
#91
 1,2-Dichlorobenzene
 Concen: 22.360 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.7	62.1
148	63.8	31.5	94.5

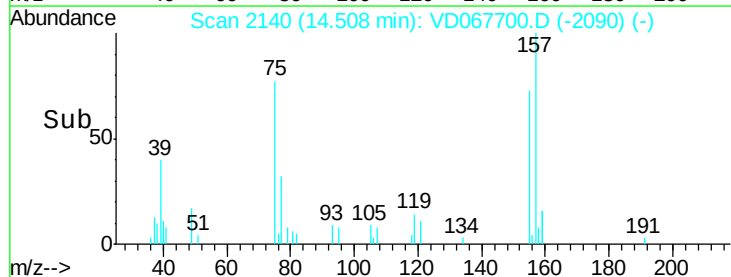
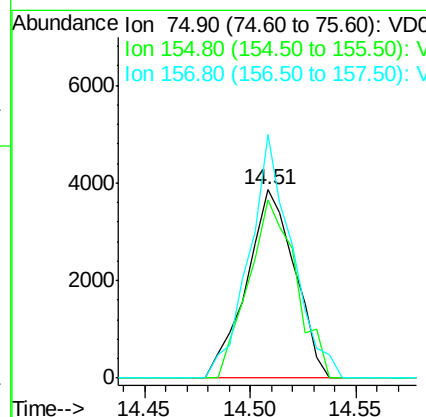
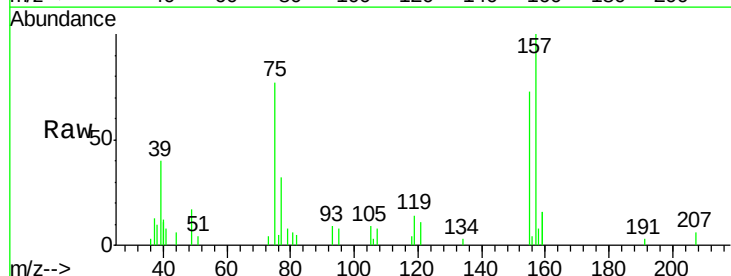
Manual Integrations
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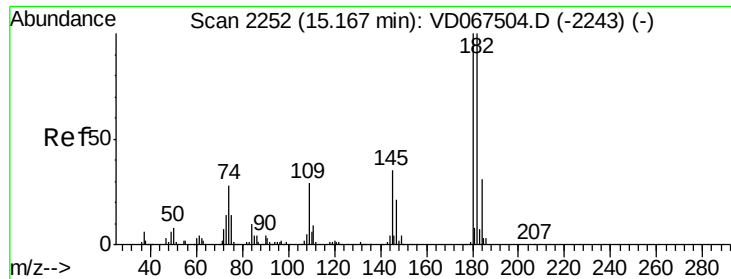
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 11/20/2020 10:06:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.539 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	46.6	139.8
157	115.0	58.1	174.2





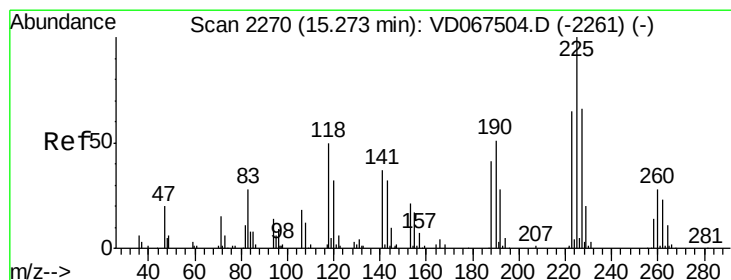
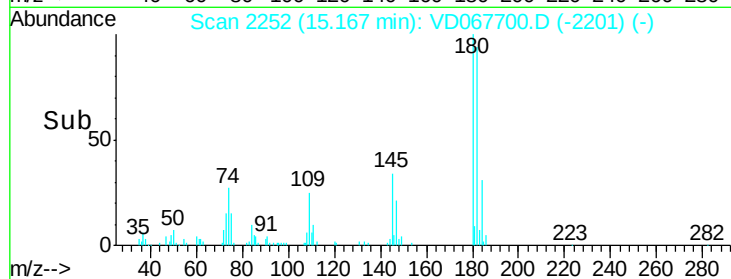
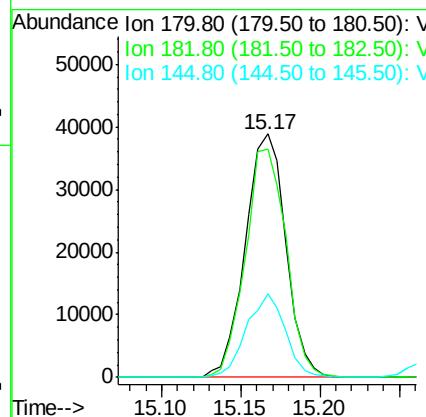
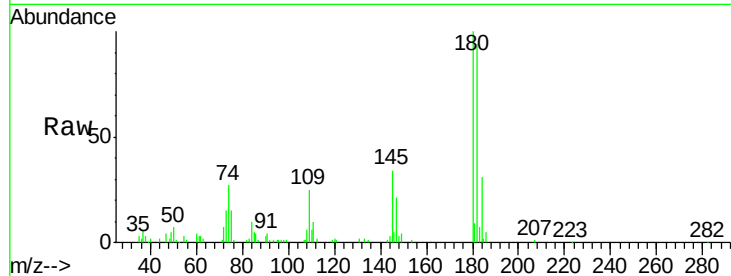
#93
 1,2,4-Trichlorobenzene
 Concen: 21.315 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	32.8	16.2	48.6

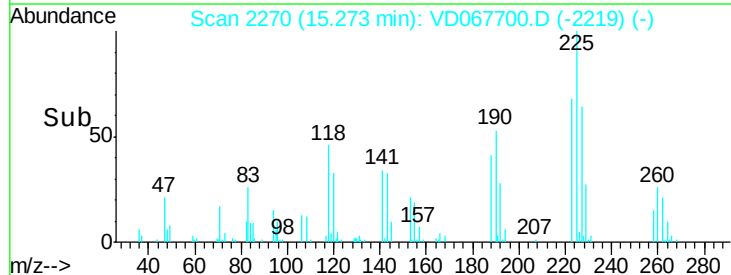
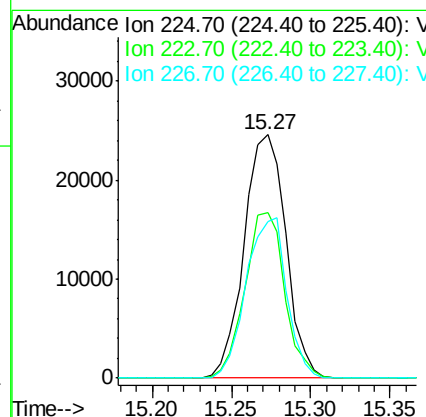
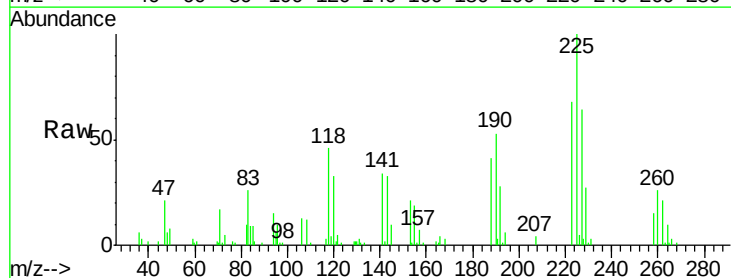
Manual Integrations
 APPROVED

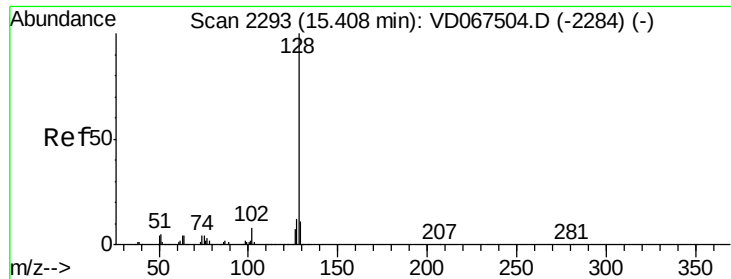
MMDadoda
 11/20/2020 10:06:30 AM



#94
 Hexachlorobutadiene
 Concen: 20.764 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.9	95.5
227	63.8	32.5	97.4





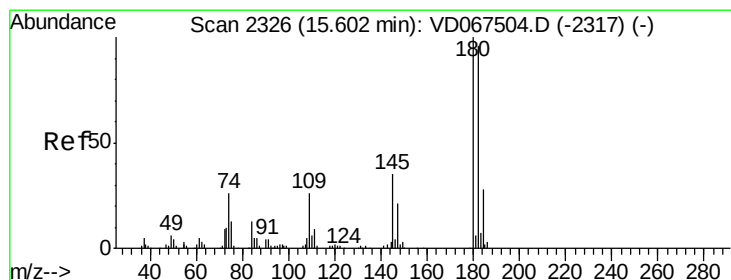
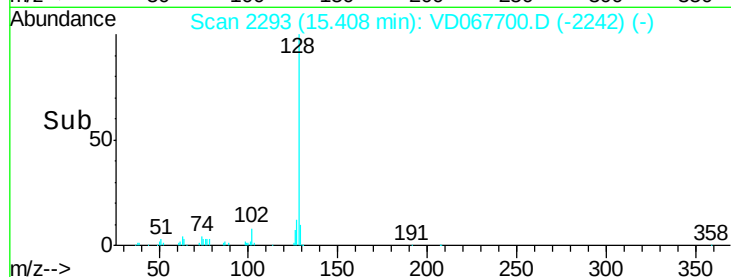
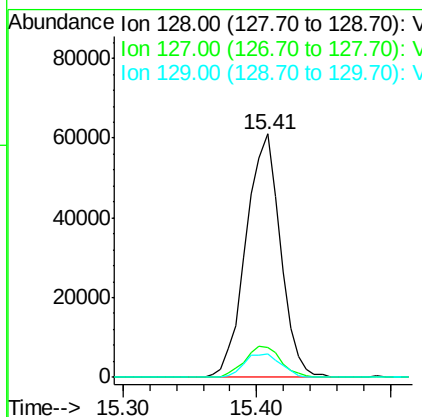
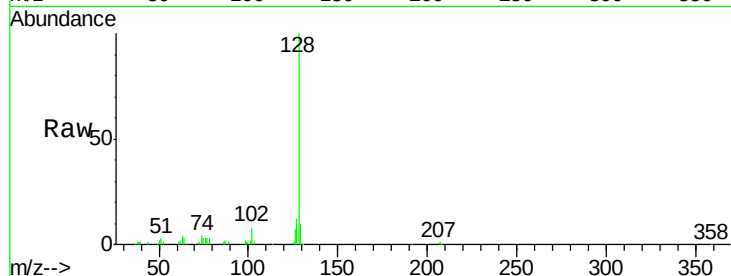
#95
Naphthalene
Concen: 21.744 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	108834		
127	13.3		10.2	15.4
129	10.4		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/20/2020 10:06:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.178 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58818		
182	96.4		46.9	140.8
145	34.1		17.1	51.2

