

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067618.D
 Acq On : 12 Nov 2020 12:57
 Operator : VA/SY
 Sample : VD1112SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:34:44 PM

Quant Time: Nov 13 00:47:38 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	7.99	168	334547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	501753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	461742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	135004	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	7.92	113	145274	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	494787	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.64	95	180335	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64140	21.052	ug/l	95
3) Chloromethane	2.21	50	44541	21.380	ug/l	99
4) Vinyl Chloride	2.35	62	45780	19.710	ug/l	94
5) Bromomethane	2.76	94	38904	20.665	ug/l	93
6) Chloroethane	2.91	64	30893	21.574	ug/l	97
7) Trichlorofluoromethane	3.27	101	124930	20.773	ug/l	95
8) Diethyl Ether	3.71	74	27458	22.659	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	69136	22.774	ug/l	99
10) Methyl Iodide	4.30	142	67094	20.621	ug/l	98
11) Tert butyl alcohol	5.20	59	29392	231.678	ug/l	97
12) 1,1-Dichloroethene	4.07	96	60288	21.591	ug/l	96
13) Acrolein	3.92	56	5967	69.098	ug/l	93
14) Allyl chloride	4.71	41	64298	21.515	ug/l	99
15) Acrylonitrile	5.43	53	55021	122.828	ug/l	99
16) Acetone	4.16	43	45649	104.282	ug/l	94
17) Carbon Disulfide	4.41	76	173525	20.280	ug/l	97
18) Methyl Acetate	4.71	43	22797	25.202	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	128643	23.356	ug/l #	92
20) Methylene Chloride	4.96	84	71111	22.997	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	69640	21.413	ug/l	94
22) Diisopropyl ether	6.36	45	140673	24.155	ug/l	94
23) Vinyl Acetate	6.31	43	361178	118.481	ug/l	99
24) 1,1-Dichloroethane	6.27	63	109036	22.886	ug/l	98
25) 2-Butanone	7.22	43	60277	128.867	ug/l	95
26) 2,2-Dichloropropane	7.21	77	110142	21.905	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	75442	22.348	ug/l	94
28) Bromochloromethane	7.55	49	35165	20.750	ug/l	100
29) Tetrahydrofuran	7.57	42	36489	130.234	ug/l	95
30) Chloroform	7.71	83	128170	22.550	ug/l	98
31) Cyclohexane	7.99	56	90701	21.378	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	126584	21.585	ug/l	98
36) 1,1-Dichloropropene	8.11	75	93580	21.789	ug/l	98
37) Ethyl Acetate	7.30	43	26655	23.905	ug/l #	79
38) Carbon Tetrachloride	8.10	117	117842	21.118	ug/l	95

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 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)
39) Methylcyclohexane	9.36	83	106426	21.054	ug/l	94
40) Benzene	8.36	78	265308	22.805	ug/l	96
41) Methacrylonitrile	7.53	41	12323m	18.489	ug/l	
42) 1,2-Dichloroethane	8.43	62	78989	21.975	ug/l	97
43) Isopropyl Acetate	8.46	43	53652	24.330	ug/l	100
44) Trichloroethene	9.12	130	83148	21.736	ug/l	96
45) 1,2-Dichloropropane	9.39	63	58950	23.436	ug/l	97
46) Dibromomethane	9.48	93	36924	23.087	ug/l	97
47) Bromodichloromethane	9.67	83	96579	22.218	ug/l	93
48) Methyl methacrylate	9.46	41	25286	22.208	ug/l	90
49) 1,4-Dioxane	9.47	88	9277	571.390	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	130079	123.339	ug/l	99
52) Toluene	10.41	92	174508	22.395	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	83974	22.556	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	97280	21.992	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	49613	23.446	ug/l	92
56) Ethyl methacrylate	10.67	69	50242	22.992	ug/l	97
57) 1,3-Dichloropropane	10.95	76	80359	23.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	113680	111.557	ug/l	99
59) 2-Hexanone	10.99	43	86037	116.675	ug/l	97
60) Dibromochloromethane	11.14	129	73131	23.362	ug/l	99
61) 1,2-Dibromoethane	11.25	107	49309	23.217	ug/l	97
64) Tetrachloroethene	10.88	164	76326	22.320	ug/l	95
65) Chlorobenzene	11.67	112	196944	22.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	78310	22.339	ug/l	98
67) Ethyl Benzene	11.75	91	339292	22.292	ug/l	95
68) m/p-Xylenes	11.86	106	264614	44.689	ug/l	98
69) o-Xylene	12.18	106	117660	22.256	ug/l	98
70) Styrene	12.20	104	206655	22.433	ug/l	100
71) Bromoform	12.36	173	41755	23.355	ug/l #	98
73) Isopropylbenzene	12.48	105	335275	22.425	ug/l	99
74) N-amyl acetate	12.29	43	47814	24.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	49571	24.314	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	28904m	20.711	ug/l	
77) Bromobenzene	12.77	156	82558	22.484	ug/l	98
78) n-propylbenzene	12.83	91	377728	22.087	ug/l	99
79) 2-Chlorotoluene	12.91	91	218329	22.475	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	289243	22.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16356	23.794	ug/l	92
82) 4-Chlorotoluene	13.01	91	239144	22.953	ug/l	100
83) tert-Butylbenzene	13.23	119	242765	22.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	287486	22.613	ug/l	97
85) sec-Butylbenzene	13.41	105	327257	22.396	ug/l	99
86) p-Isopropyltoluene	13.52	119	313020	22.183	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	156280	22.305	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	157415	22.189	ug/l	99
89) n-Butylbenzene	13.85	91	267483	21.946	ug/l	99
90) Hexachloroethane	14.12	117	57535	21.652	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	135885	22.409	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8231	22.802	ug/l	94

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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)
93) 1,2,4-Trichlorobenzene	15.17	180	92038	22.363	ug/l	98
94) Hexachlorobutadiene	15.27	225	57325	20.812	ug/l	99
95) Naphthalene	15.40	128	146307	23.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	79451	22.544	ug/l	98

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

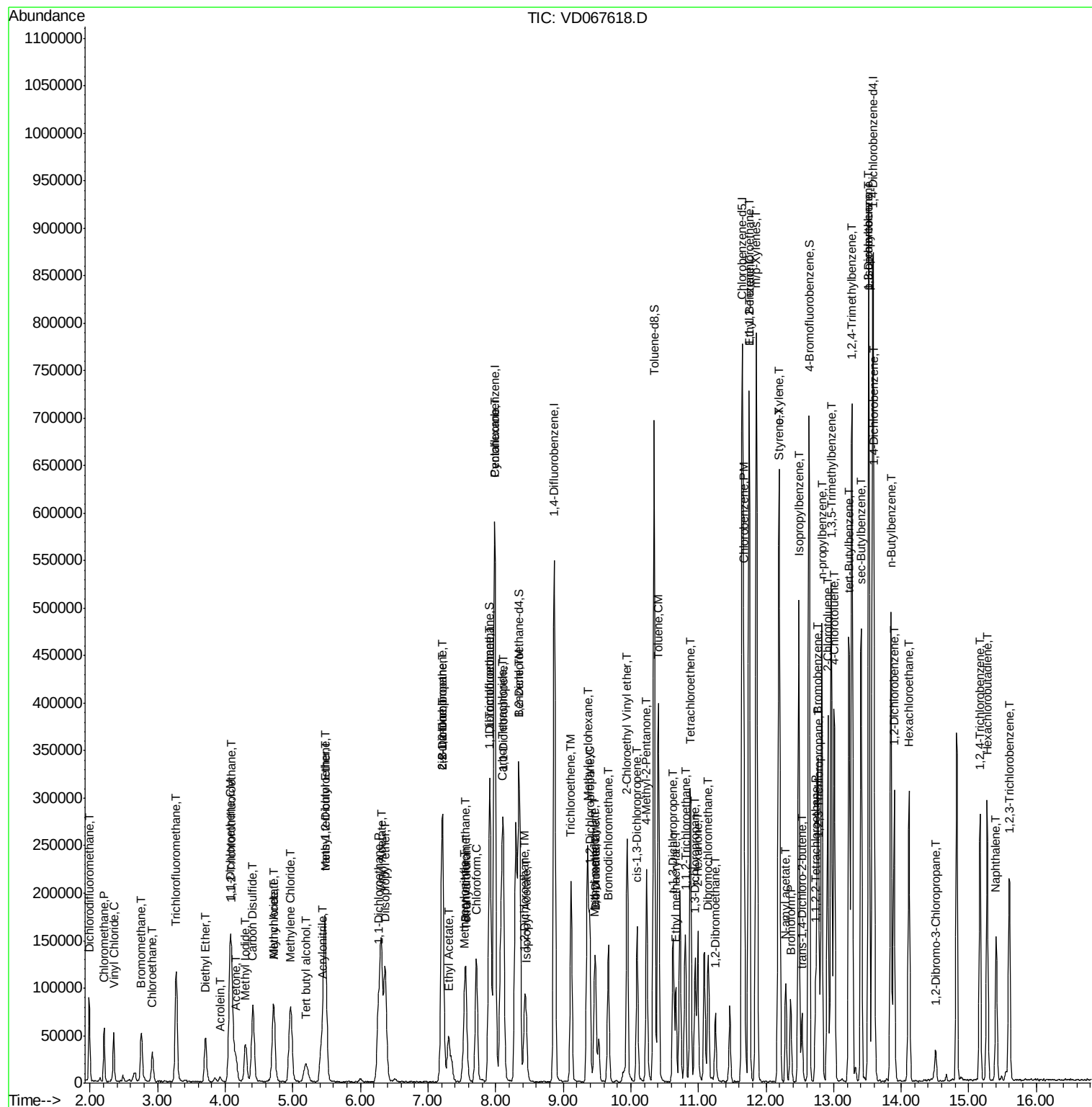
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067618.D
Acq On : 12 Nov 2020 12:57
Operator : VA/SY
Sample : VD1112SBSD01
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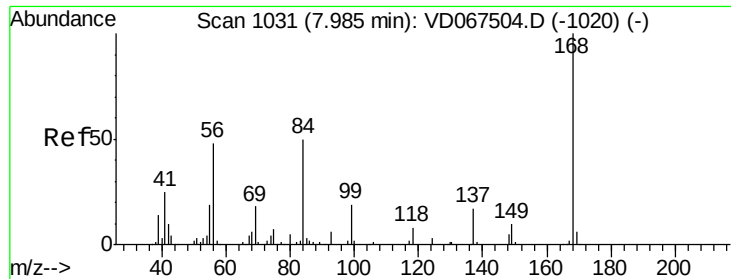
Instrument :
MSVOA_D
Client Sample Id :
VD1112SBSD01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBSD01

Tot Ion:168 Resp: 334547

Ion Ratio Lower Upper

168 100

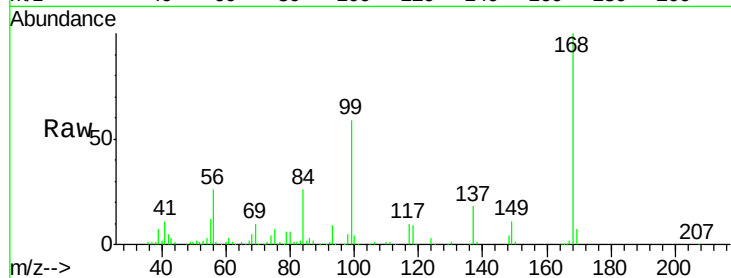
99 58.5 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

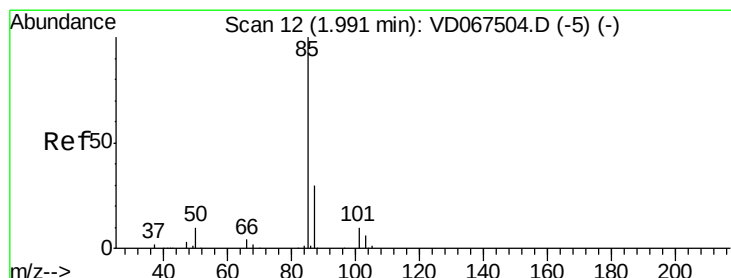
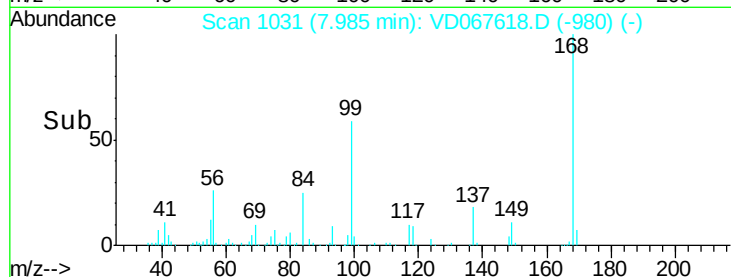
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.052 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067618.D

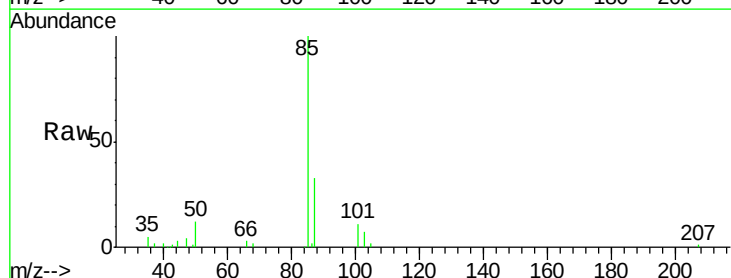
Acq: 12 Nov 2020 12:57

Tgt Ion: 85 Resp: 64140

Ion Ratio Lower Upper

85 100

87 33.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

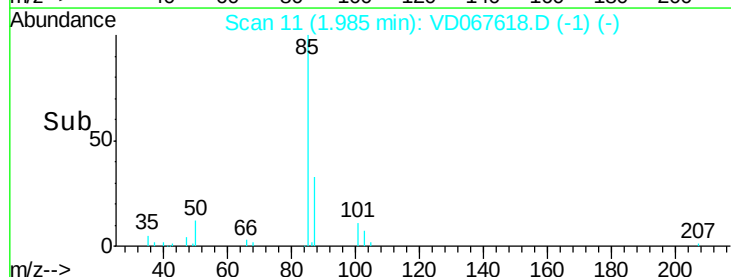
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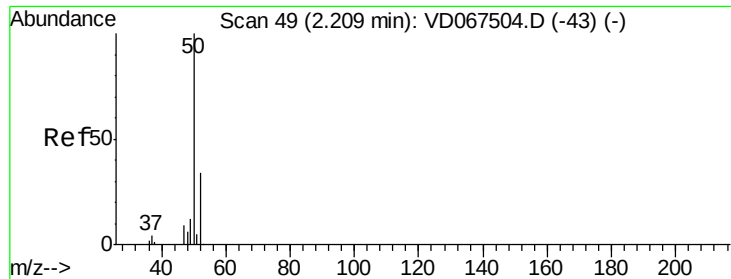
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10000

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Time-->





#3

Chloromethane

Concen: 21.380 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion: 50 Resp: 44541

Ion Ratio Lower Upper

50 100

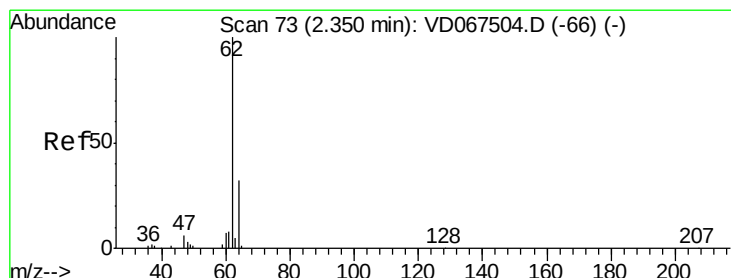
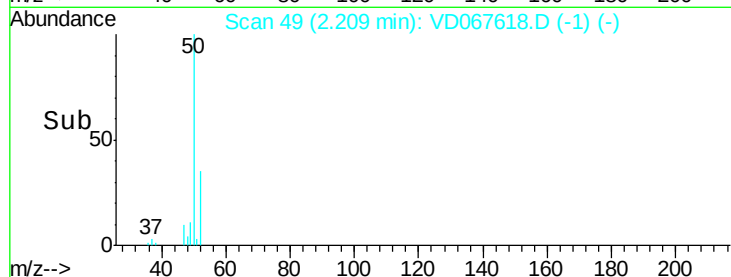
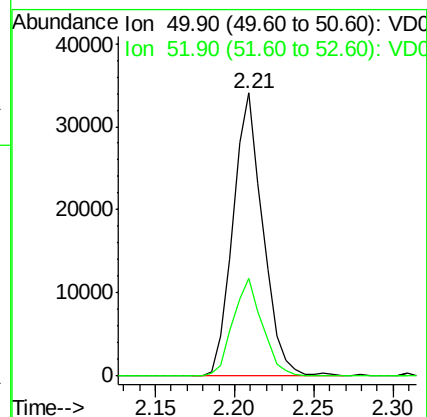
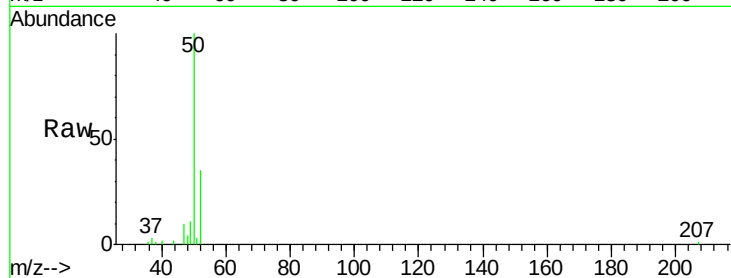
52 34.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.710 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067618.D

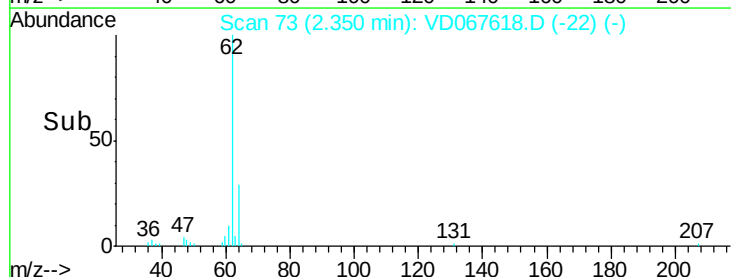
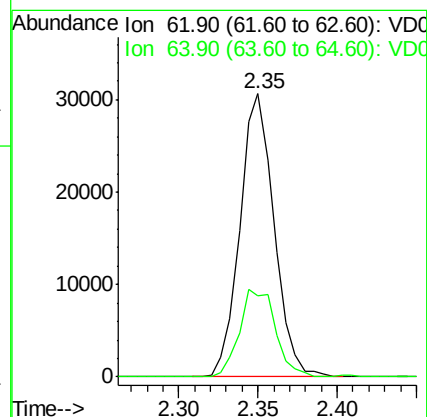
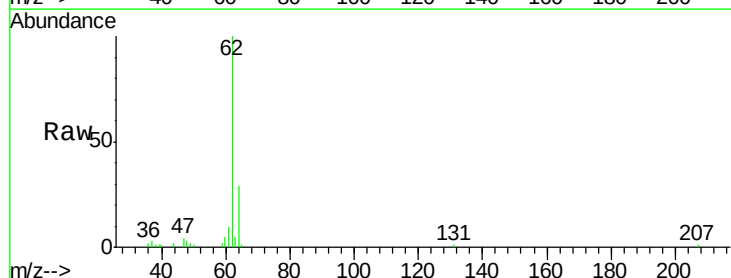
Acq: 12 Nov 2020 12:57

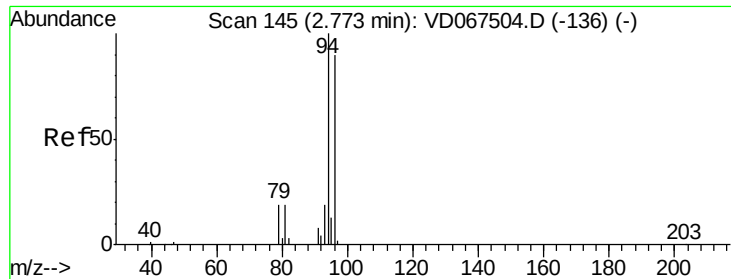
Tgt Ion: 62 Resp: 45780

Ion Ratio Lower Upper

62 100

64 28.8 25.6 38.4





#5

Bromomethane

Concen: 20.665 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBSD01

Tot Ion: 94 Resp: 38904

Ion Ratio Lower Upper

94 100

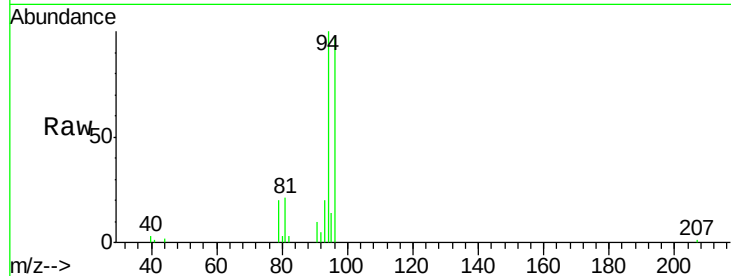
96 96.9 72.2 108.2

Manual Integrations

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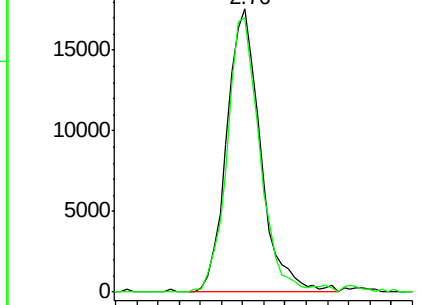
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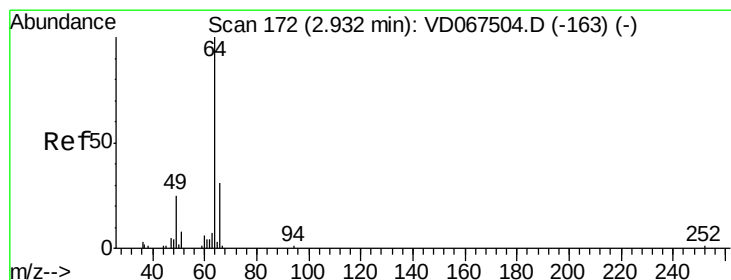
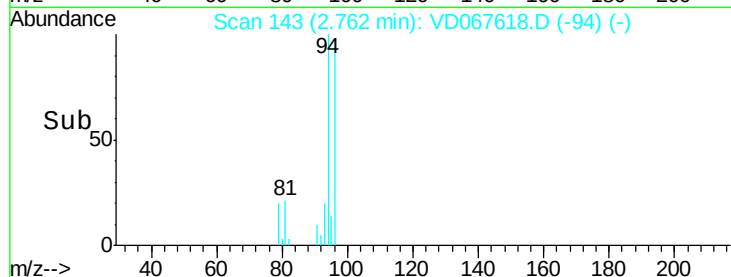


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 21.574 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.02 min

Lab File: VD067618.D

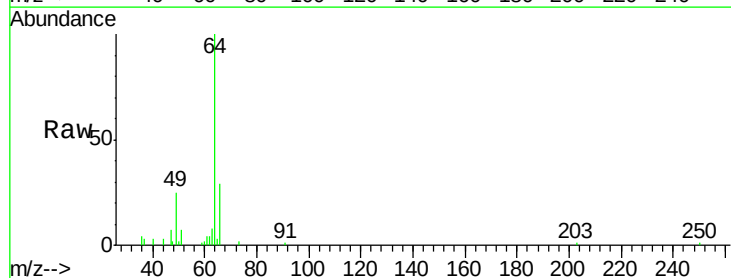
Acq: 12 Nov 2020 12:57

Tgt Ion: 64 Resp: 30893

Ion Ratio Lower Upper

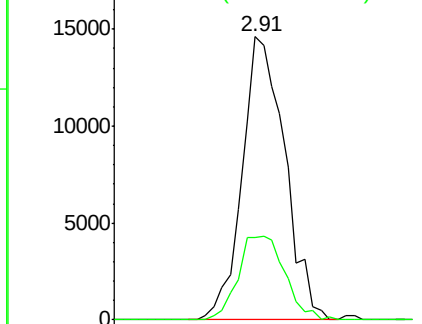
64 100

66 29.2 24.6 36.8

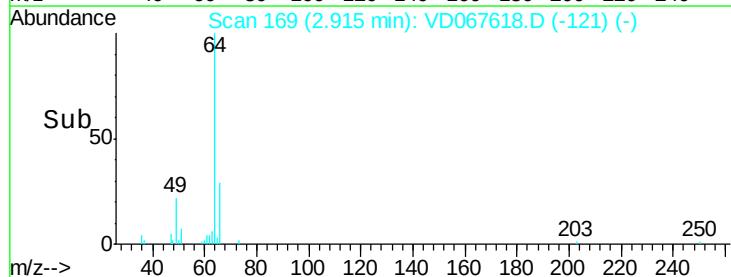


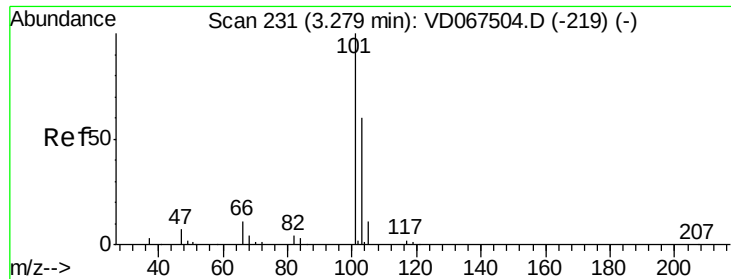
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

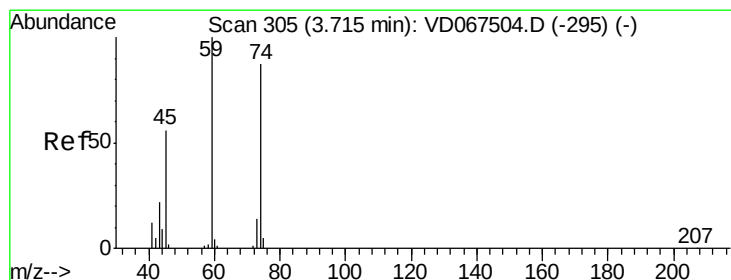
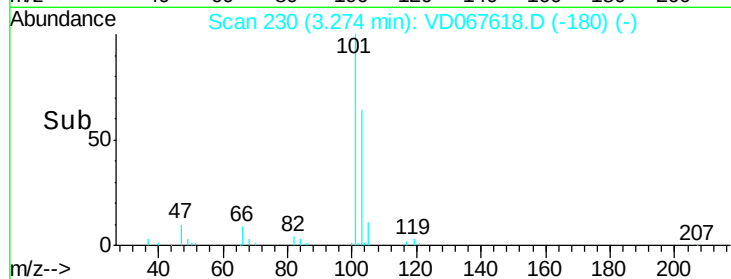
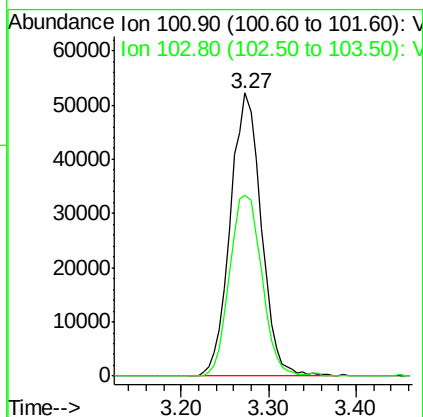
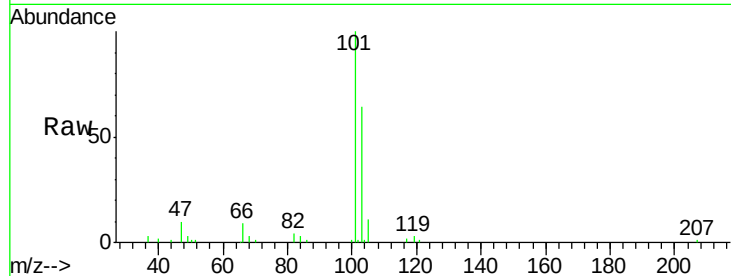
Trichlorofluoromethane
Concen: 20.773 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
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VD1112SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		124930		
103	64.1	48.1	72.1		

Manual Integrations
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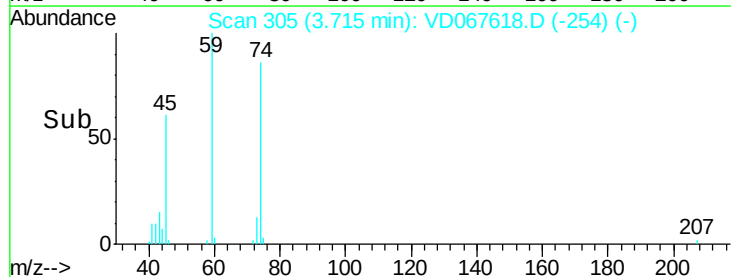
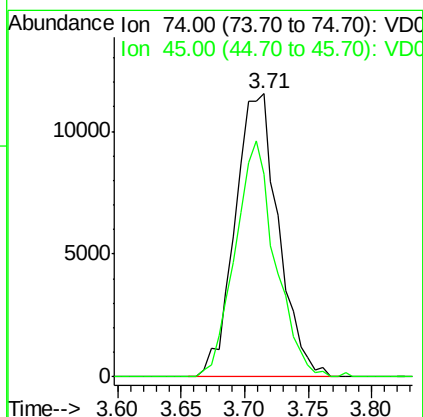
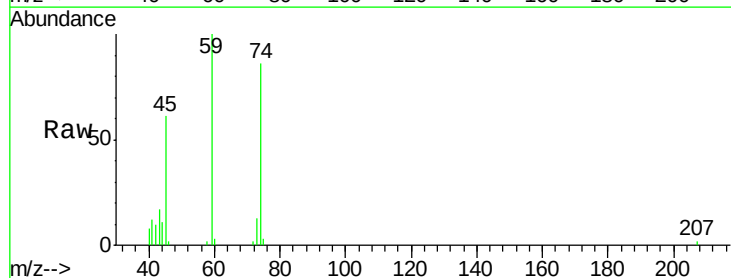
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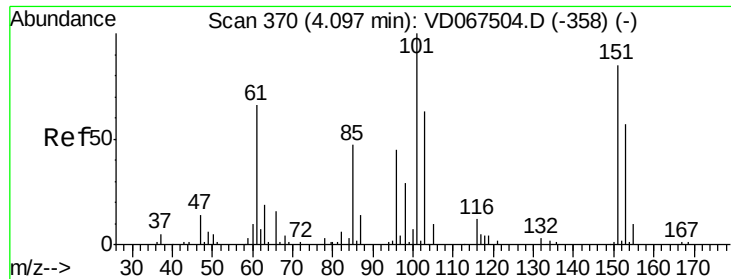


#8

Diethyl Ether
Concen: 22.659 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.00 min
Lab File: VD067618.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		27458		
45	77.0	38.2	114.6		





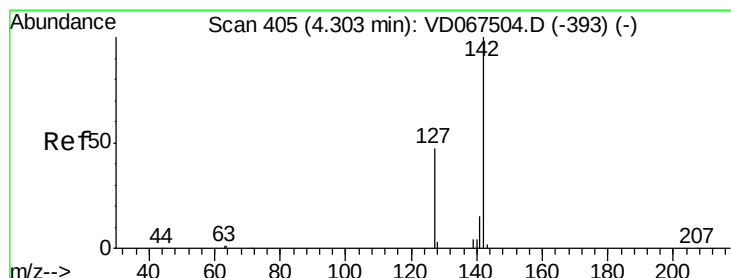
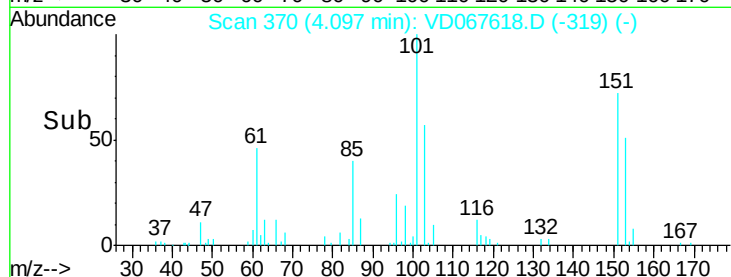
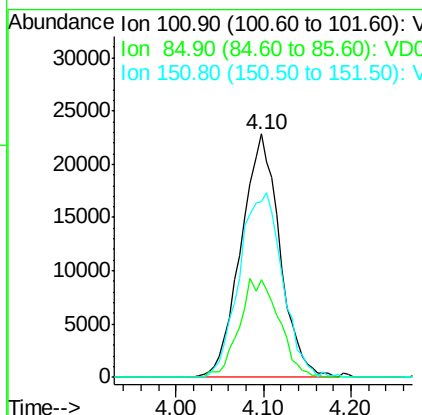
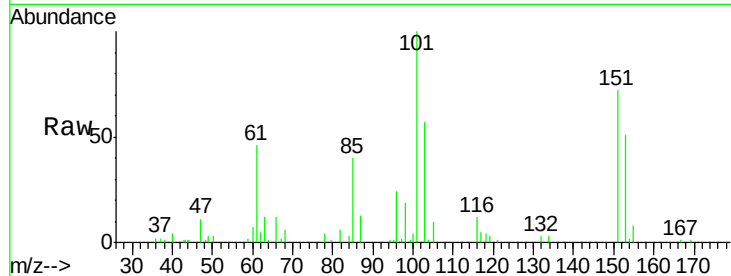
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.774 ug/l
RT: 4.10 min Scan# 370
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.4	34.4	51.6
151	84.2	68.1	102.1

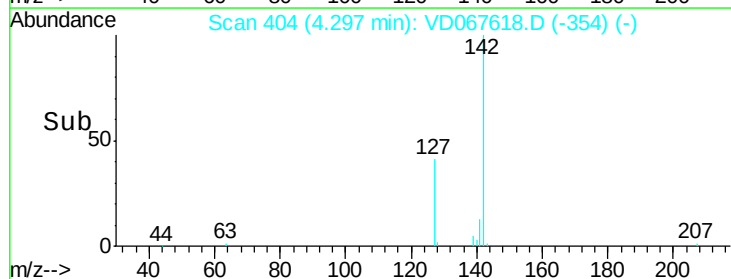
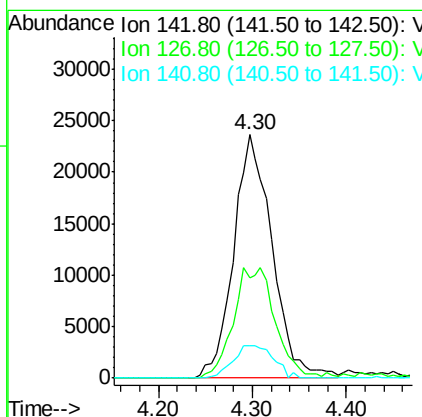
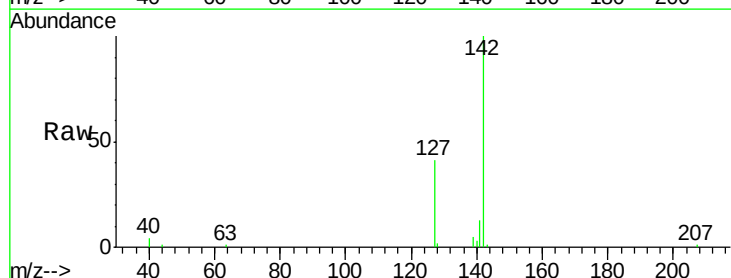
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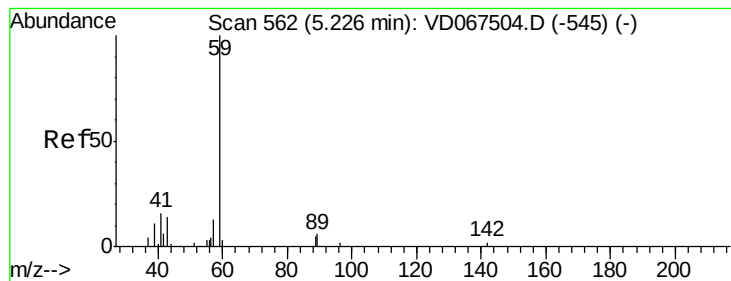
MMDadoda
11/16/2020 2:34:44 PM



#10
Methyl Iodide
Concen: 20.621 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.8	40.0	60.0
141	14.0	11.7	17.5





#11

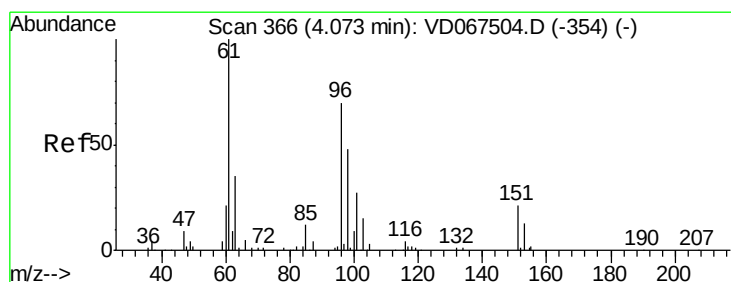
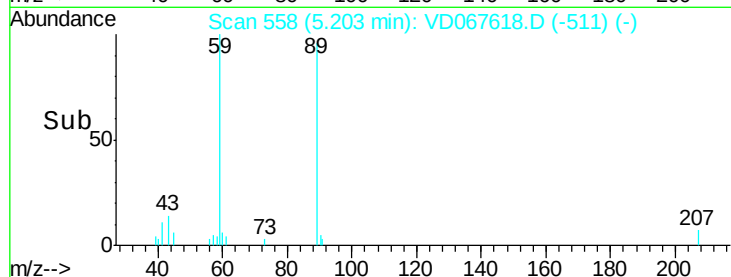
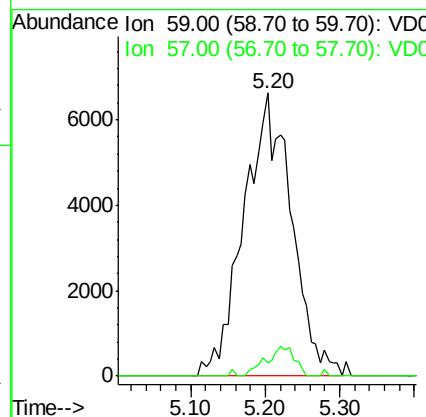
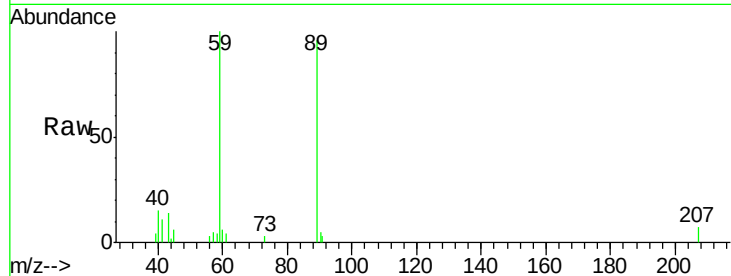
Tert butyl alcohol
 Concen: 231.678 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	29392		
57	6.2	5.9	8.9	

Manual Integrations
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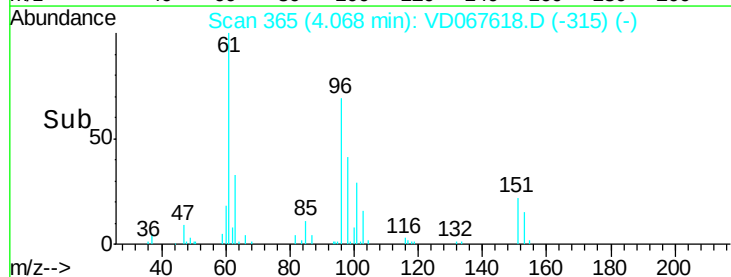
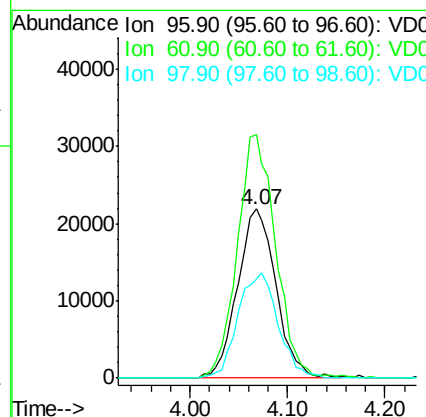
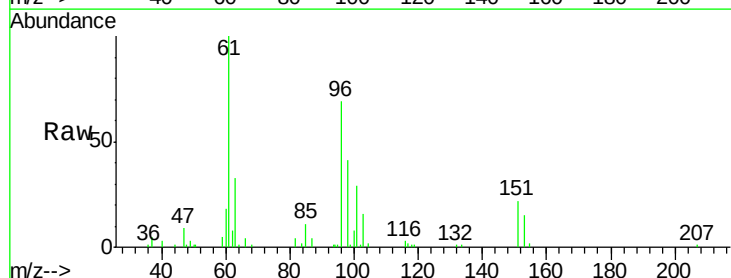
MMDadoda
 11/16/2020 2:34:44 PM

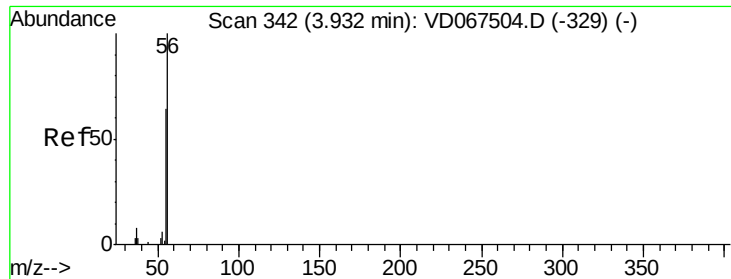


#12

1,1-Dichloroethene
 Concen: 21.591 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	60288		
61	144.0	114.5	171.7	
98	58.6	54.5	81.7	





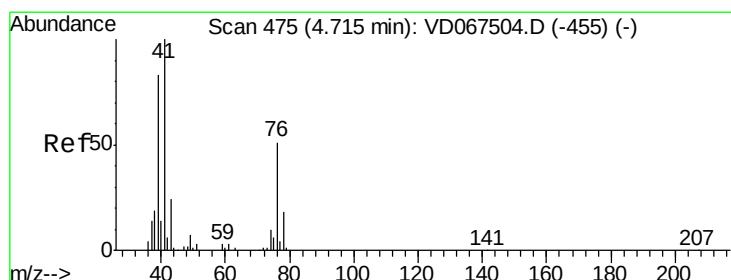
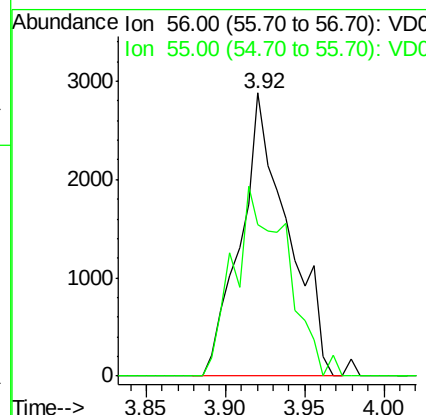
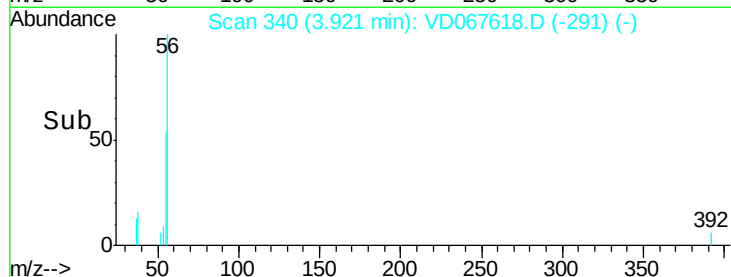
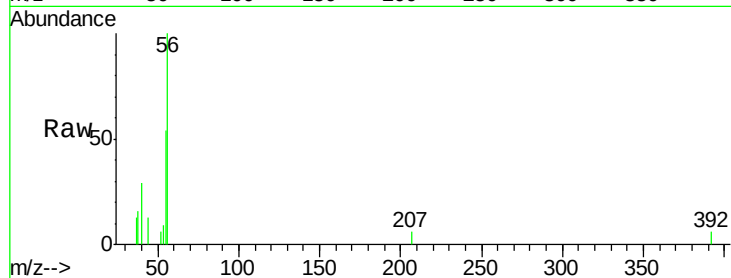
#13
Acrolein
Concen: 69.098 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion: 56 Resp: 5967
Ion Ratio Lower Upper
56 100
55 75.8 55.8 83.8

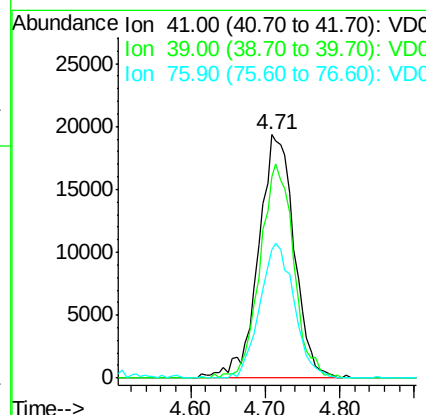
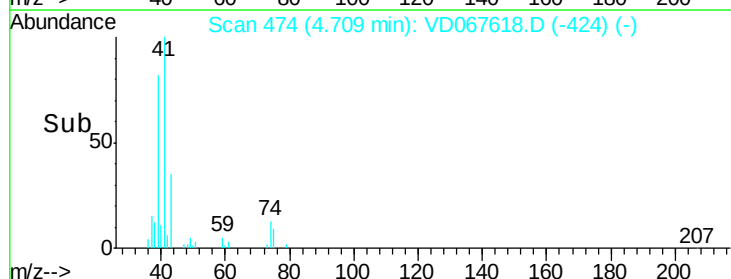
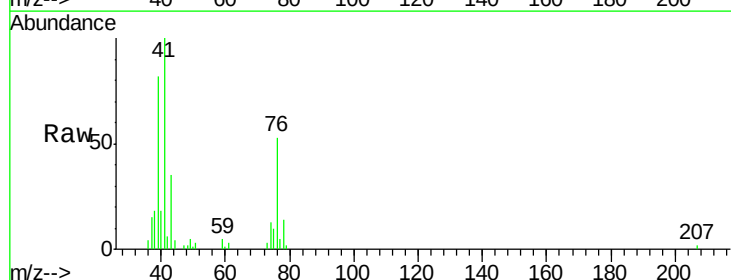
Manual Integrations
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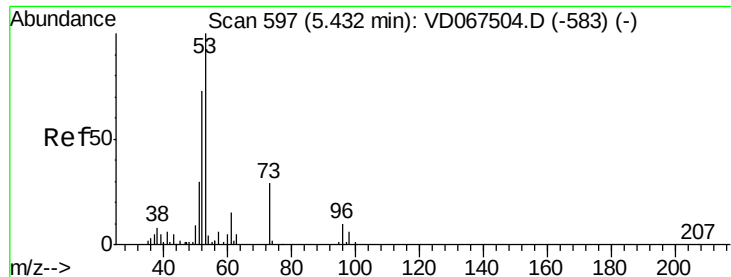
MMDadoda
11/16/2020 2:34:44 PM



#14
Allyl chloride
Concen: 21.515 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion: 41 Resp: 64298
Ion Ratio Lower Upper
41 100
39 82.4 67.4 101.0
76 53.1 42.2 63.2





#15

Acrylonitrile

Concen: 122.828 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

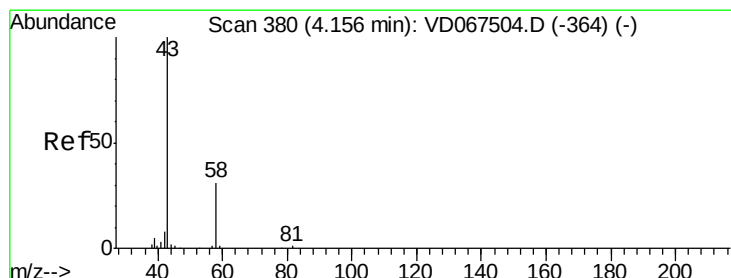
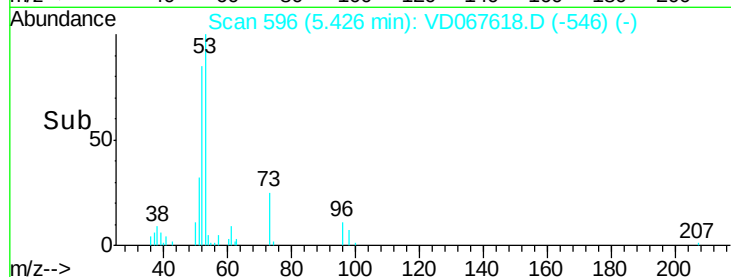
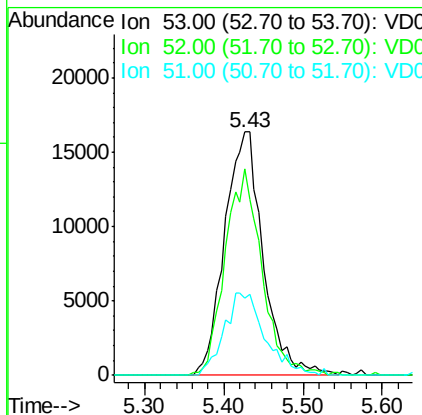
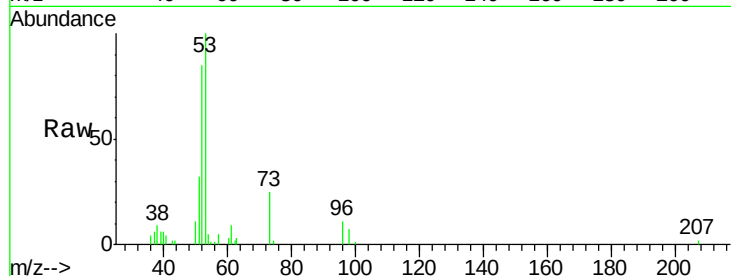
ClientSampleId :

VD1112SBSD01

Tot Ion:	53	Resp:	55021
Ion Ratio	Lower	Upper	
53	100		
52	80.6	64.8	97.2
51	36.1	29.5	44.3

Manual Integrations
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11/16/2020 2:34:44 PM



#16

Acetone

Concen: 104.282 ug/l

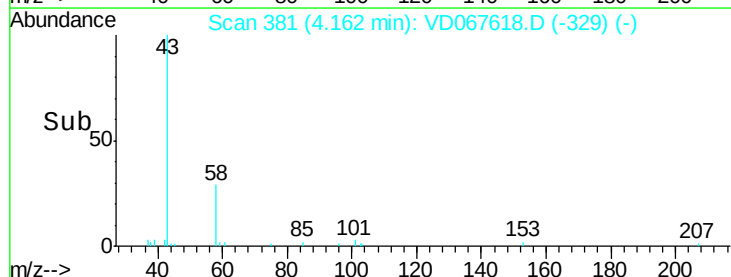
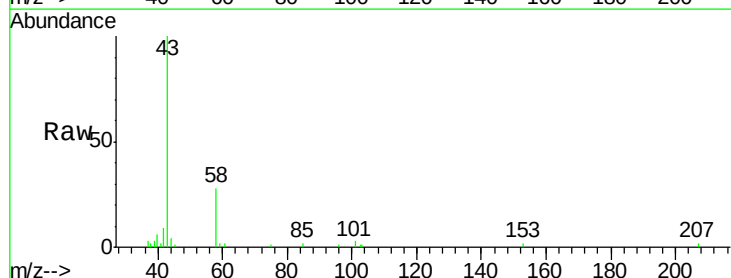
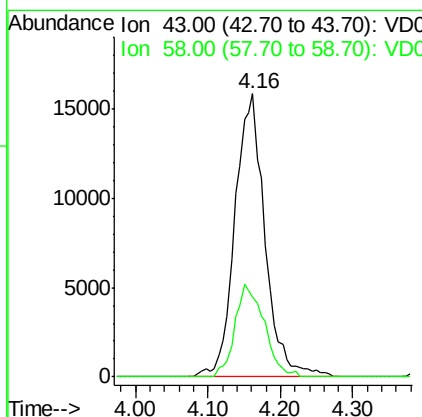
RT: 4.16 min Scan# 381

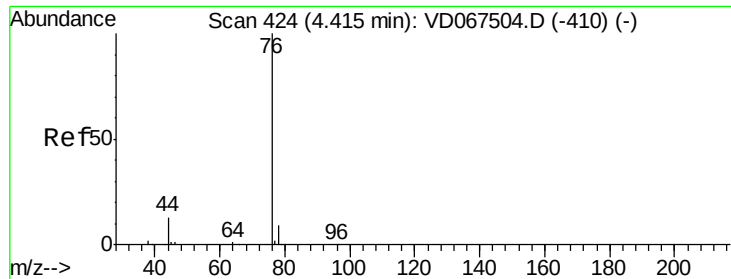
Delta R.T. 0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion:	43	Resp:	45649
Ion Ratio	Lower	Upper	
43	100		
58	28.1	25.2	37.8





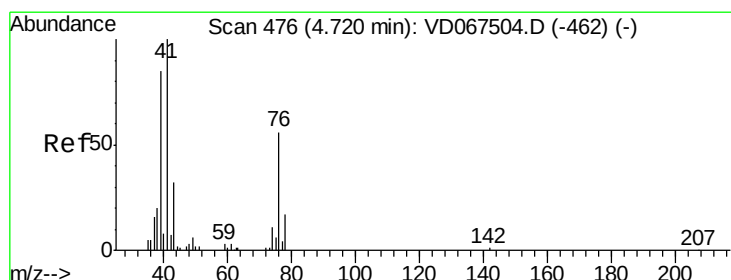
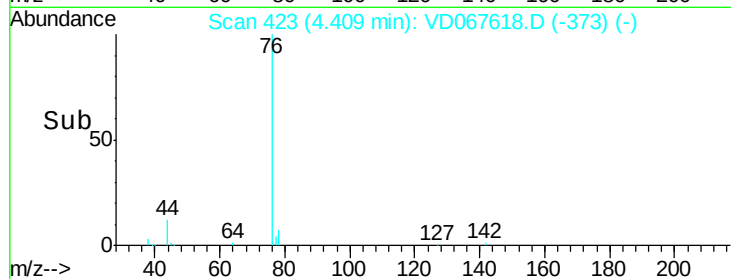
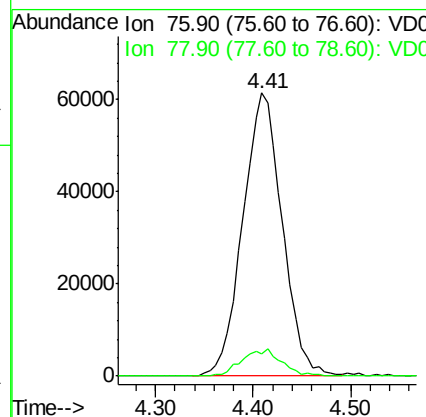
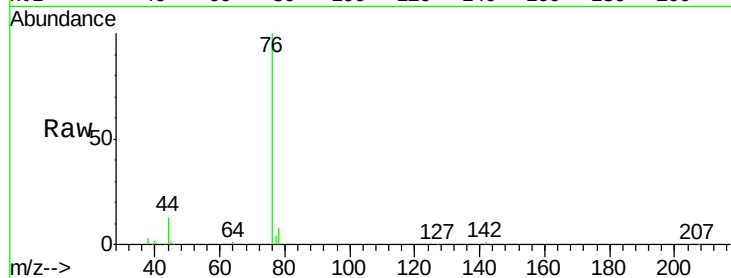
#17
Carbon Disulfide
Concen: 20.280 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.2	10.8

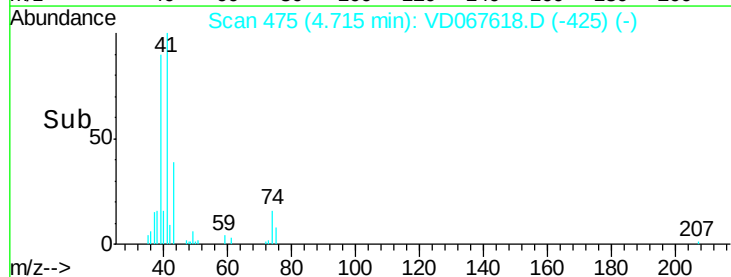
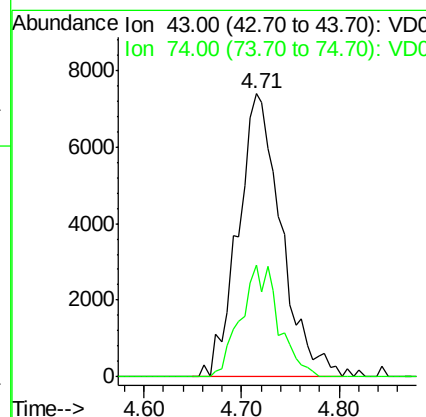
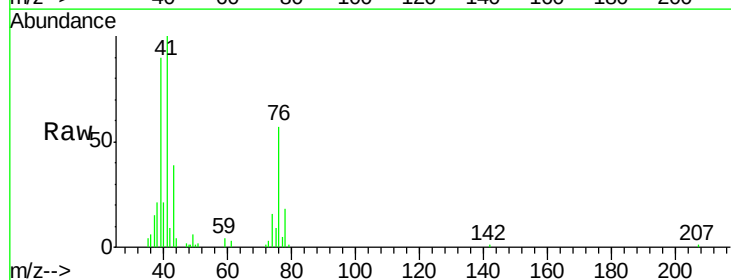
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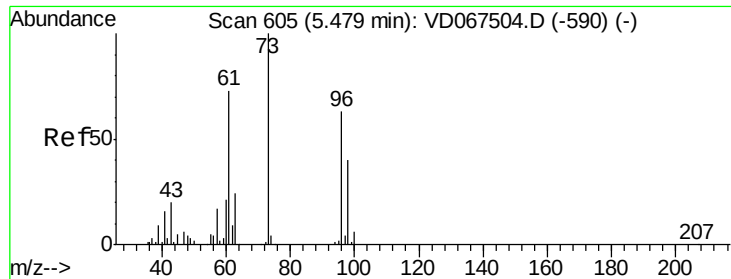
MMDadoda
11/16/2020 2:34:44 PM



#18
Methyl Acetate
Concen: 25.202 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.8	27.2	40.8





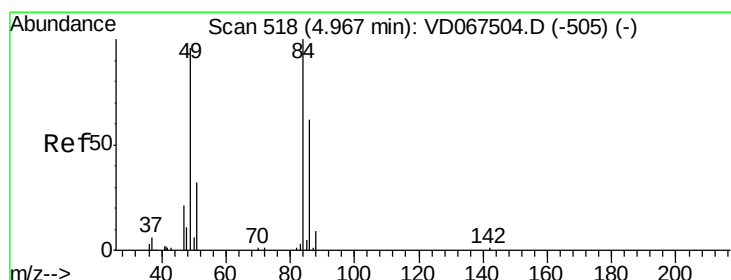
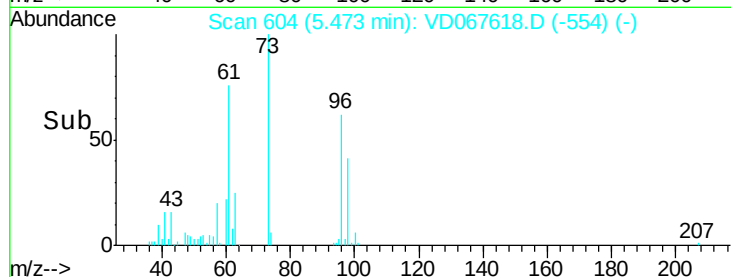
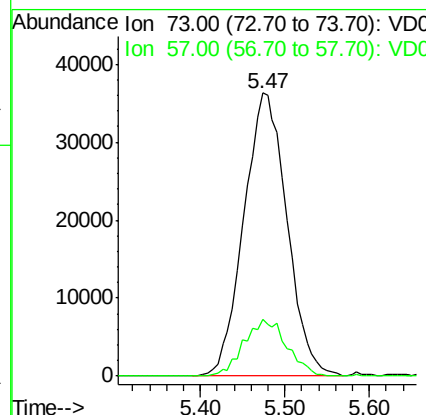
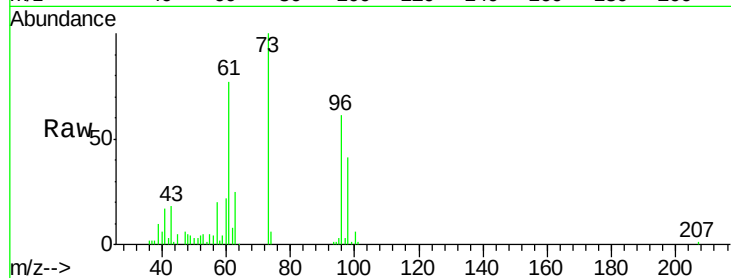
#19
Methyl tert-butyl Ether
Concen: 23.356 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion: 73 Resp: 128643
Ion Ratio Lower Upper
73 100
57 20.1 13.4 20.0#

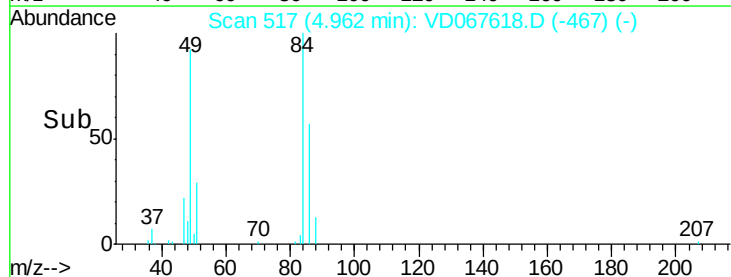
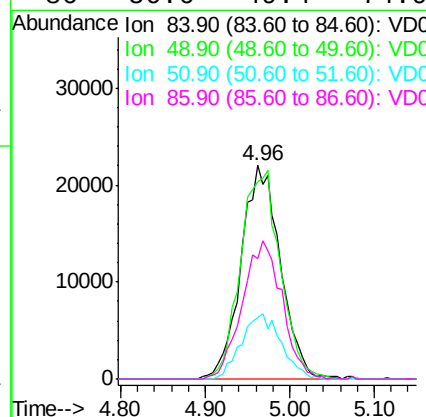
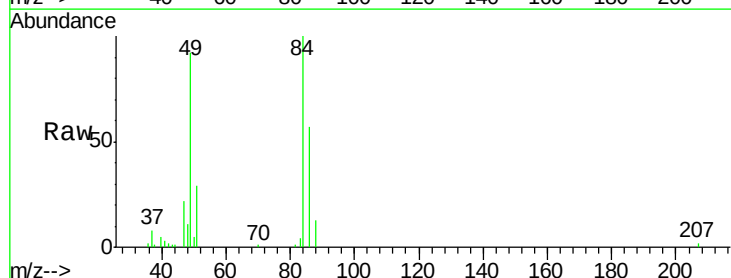
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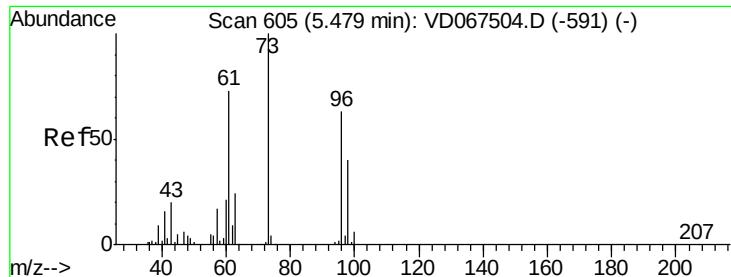
MMDadoda
11/16/2020 2:34:44 PM



#20
Methylene Chloride
Concen: 22.997 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion: 84 Resp: 71111
Ion Ratio Lower Upper
84 100
49 92.0 77.0 115.4
51 28.6 25.4 38.2
86 56.6 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 21.413 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

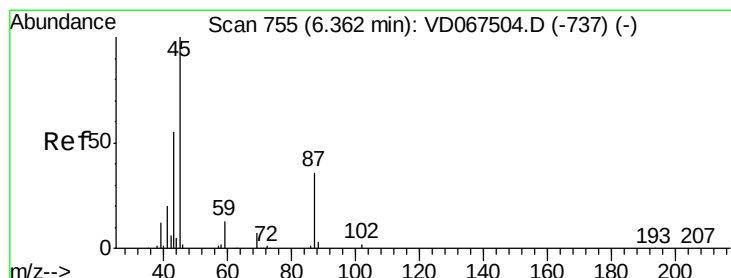
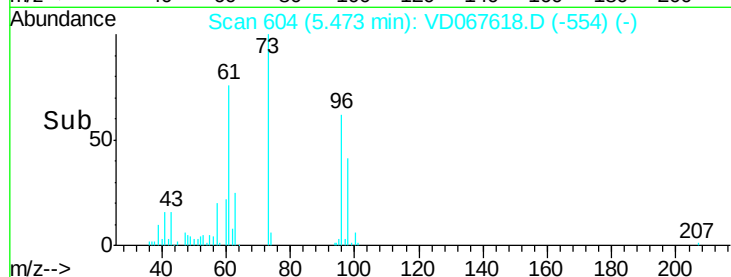
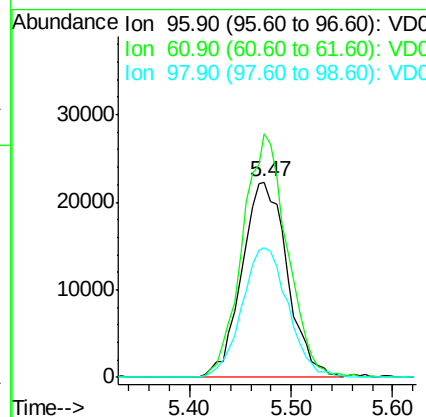
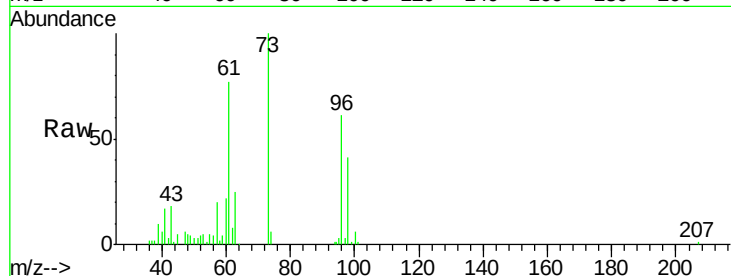
ClientSampleId :

VD1112SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	93.0	139.6
98	66.2	50.9	76.3

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11/16/2020 2:34:44 PM



#22

Diisopropyl ether

Concen: 24.155 ug/l

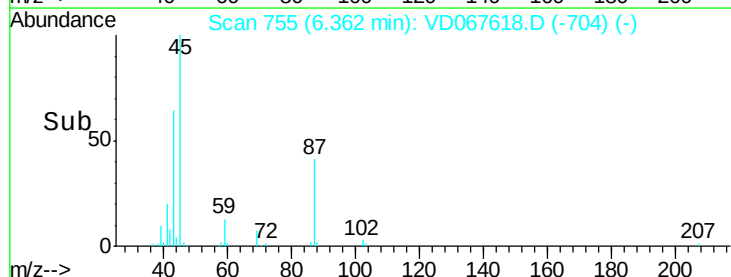
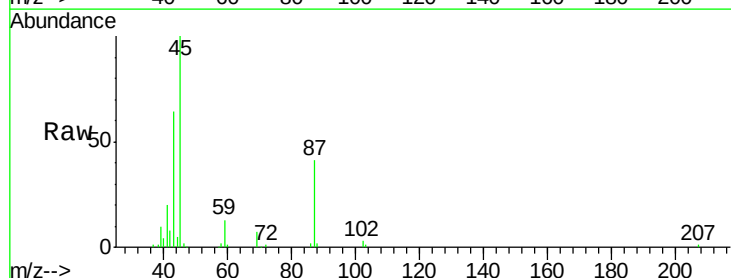
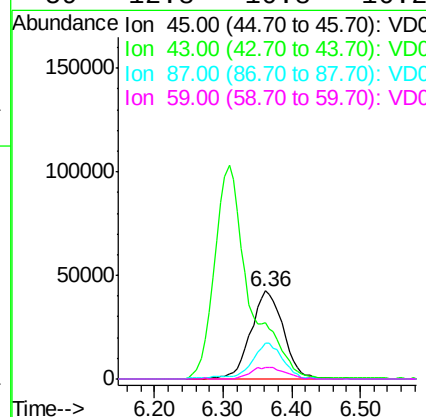
RT: 6.36 min Scan# 755

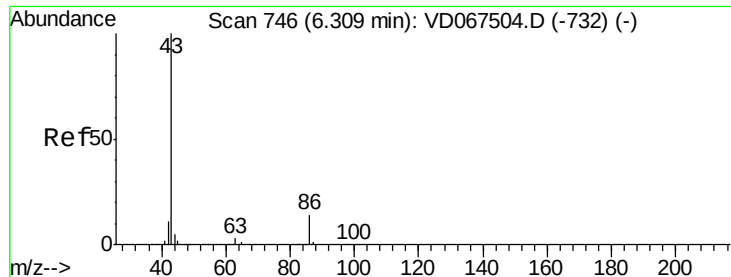
Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.6	46.2	69.4
87	41.1	29.4	44.2
59	12.8	10.8	16.2





#23

Vinyl Acetate

Concen: 118.481 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion: 43 Resp: 361178

Ion Ratio Lower Upper

43 100

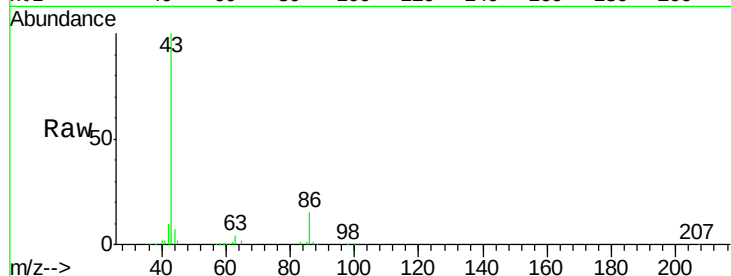
86 14.8 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

120000

100000

80000

60000

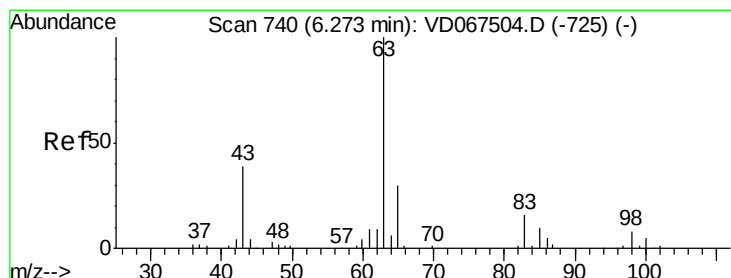
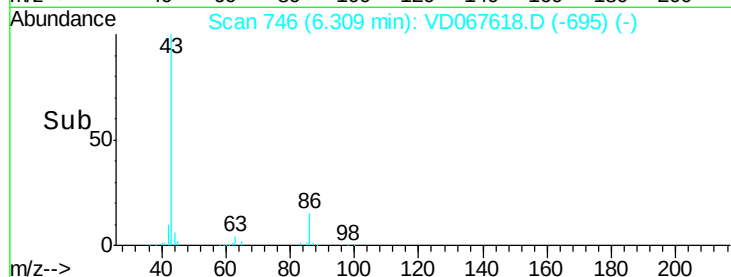
40000

20000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 22.886 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

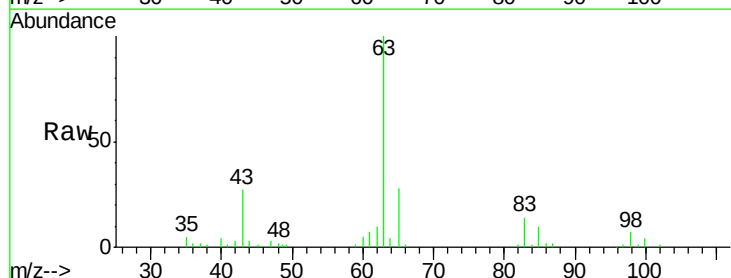
Tgt Ion: 63 Resp: 109036

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.1 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

50000

40000

30000

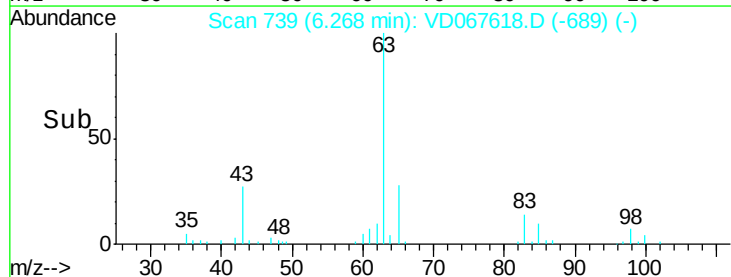
20000

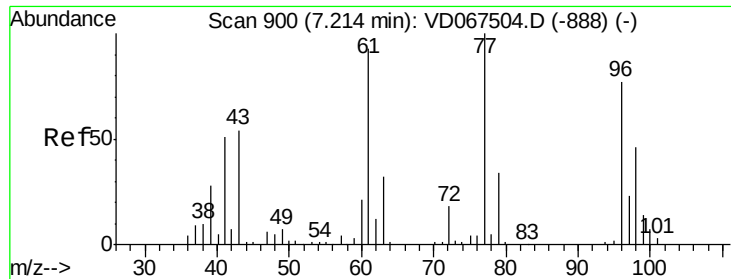
10000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 128.867 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBSD01

Tot Ion: 43 Resp: 60277

Ion Ratio Lower Upper

43 100

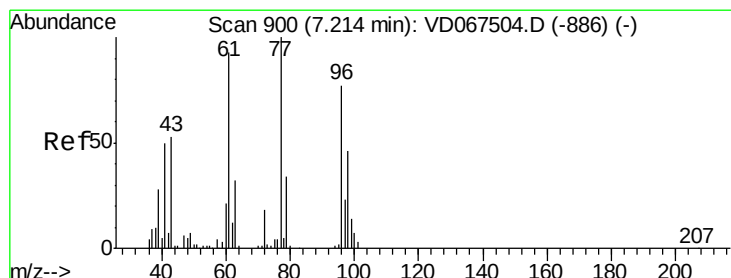
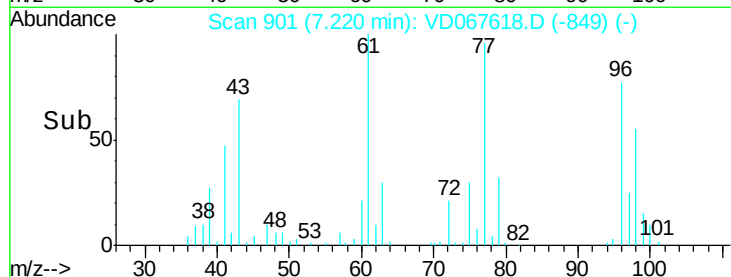
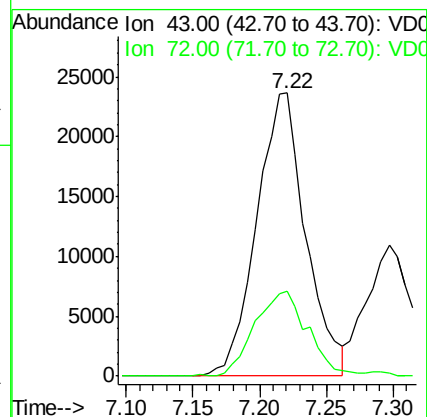
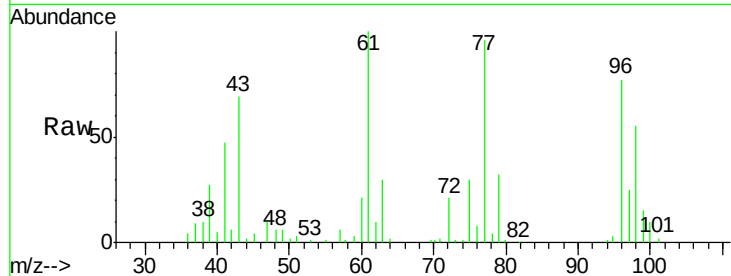
72 30.1 26.4 39.6

Manual Integrations

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MMDadoda

11/16/2020 2:34:44 PM



#26

2,2-Dichloropropane

Concen: 21.905 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067618.D

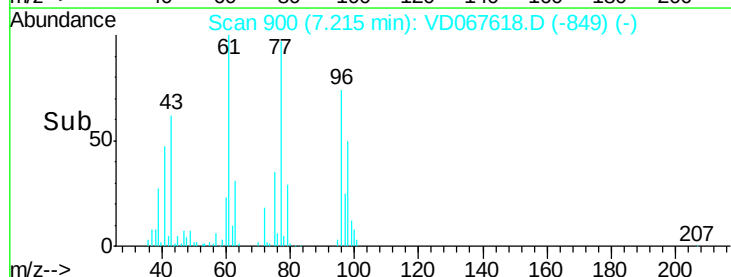
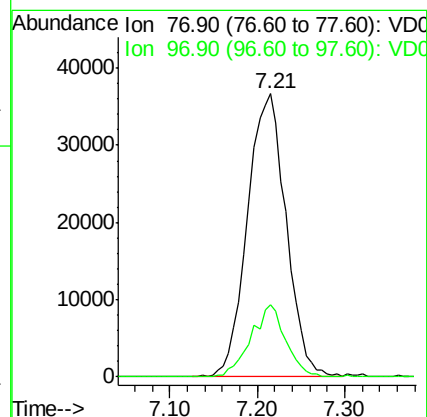
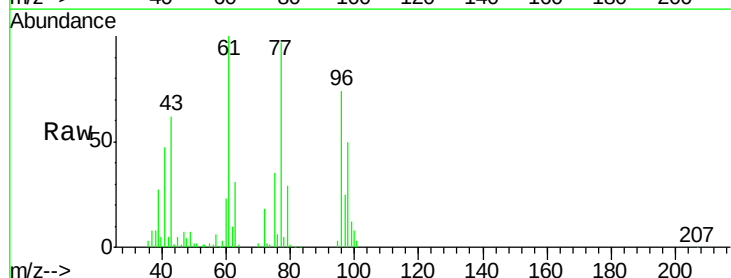
Acq: 12 Nov 2020 12:57

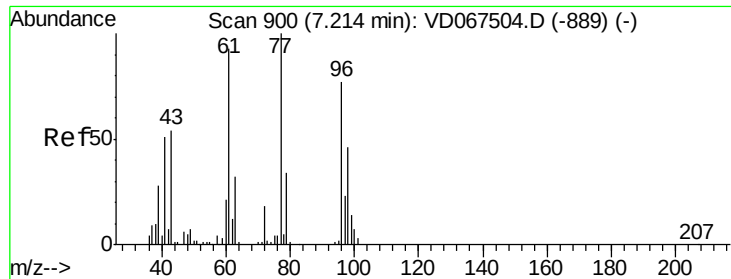
Tgt Ion: 77 Resp: 110142

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3





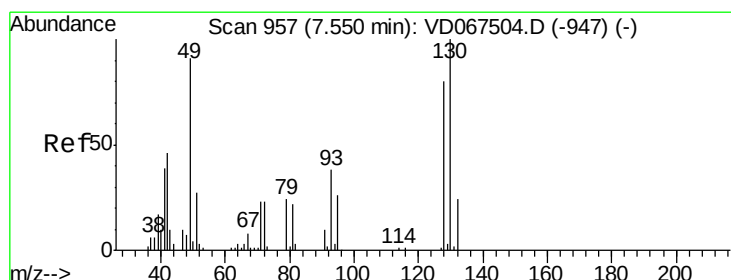
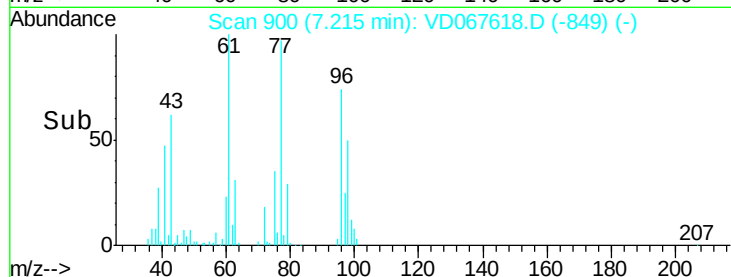
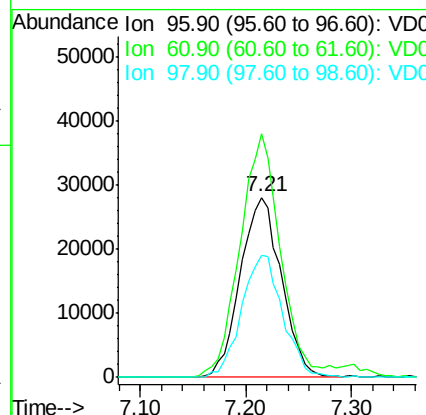
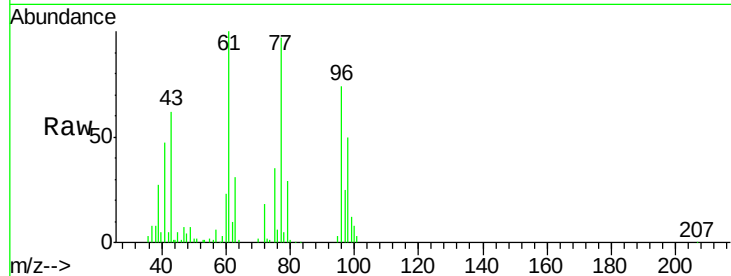
#27
 cis-1,2-Dichloroethene
 Concen: 22.348 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	251.6
98	67.8	0.0	128.0

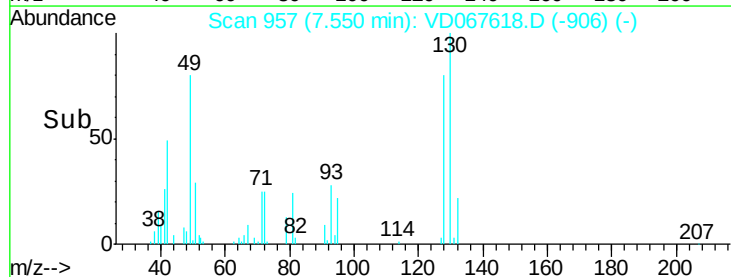
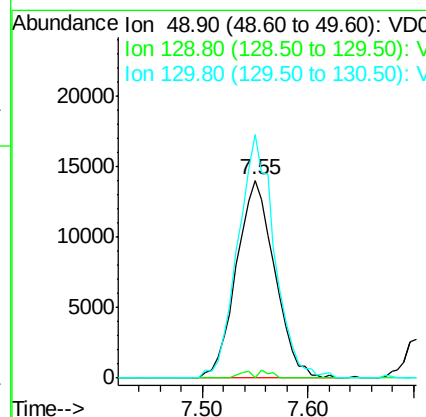
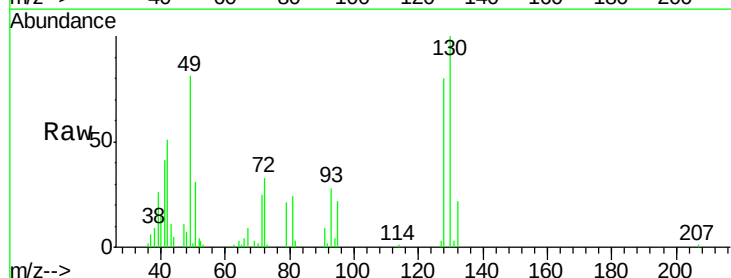
Manual Integrations
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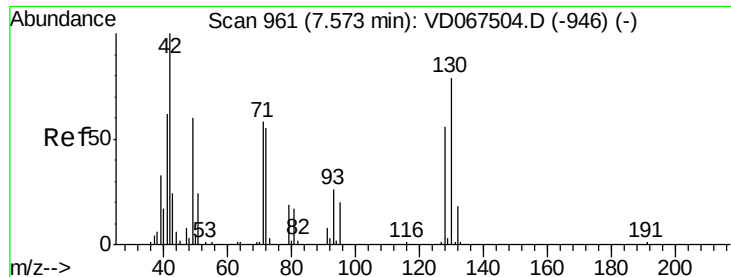
MMDadoda
 11/16/2020 2:34:44 PM



#28
 Bromochloromethane
 Concen: 20.750 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	6.4
130	117.9	94.6	142.0





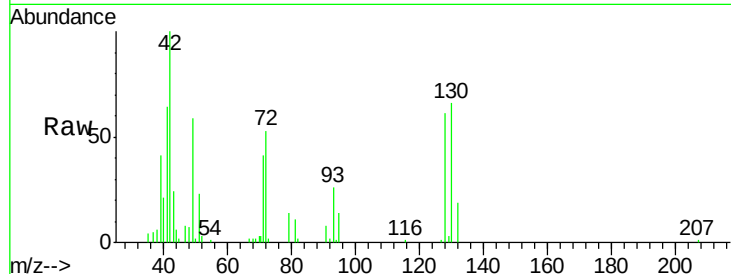
#29
Tetrahydrofuran
Concen: 130.234 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

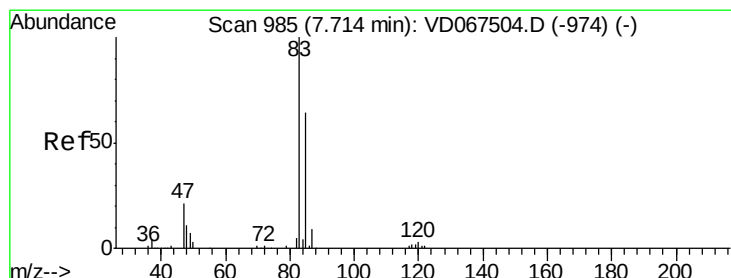
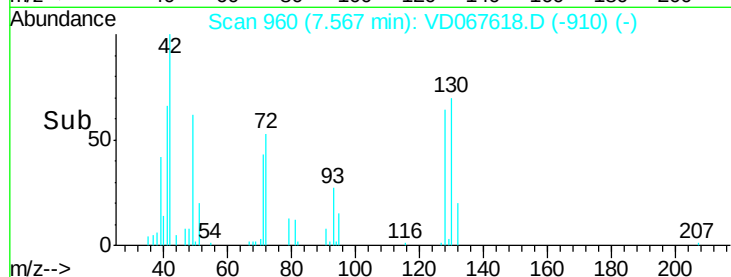
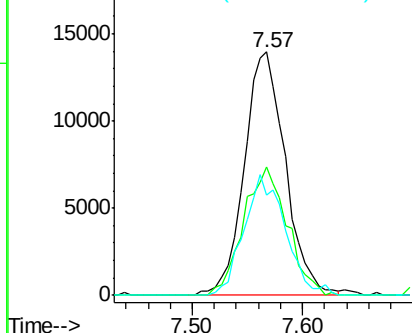
Tot Ion	Ratio	Lower	Upper
42	100		
72	56.2	46.3	69.5
71	49.7	44.0	66.0

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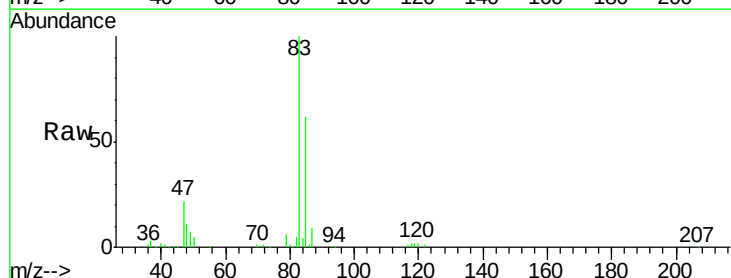


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

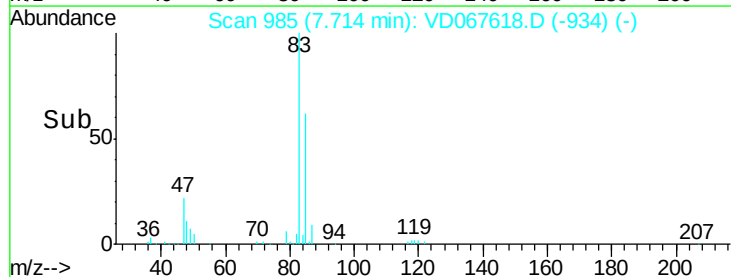
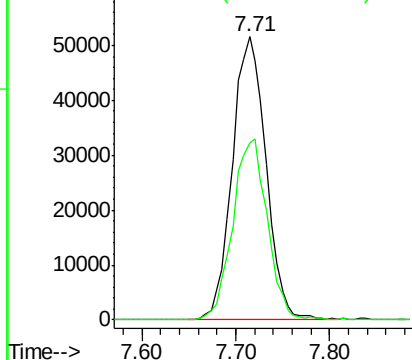


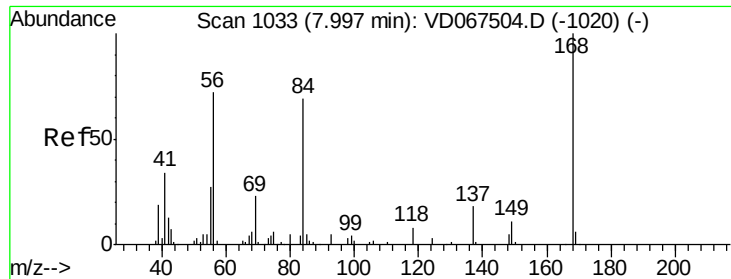
#30
Chloroform
Concen: 22.550 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3



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





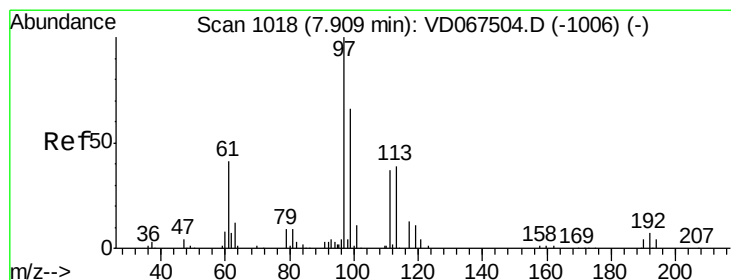
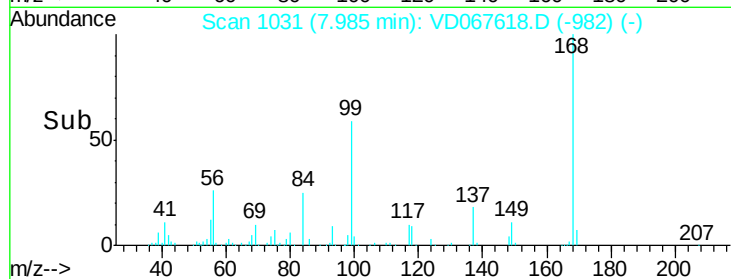
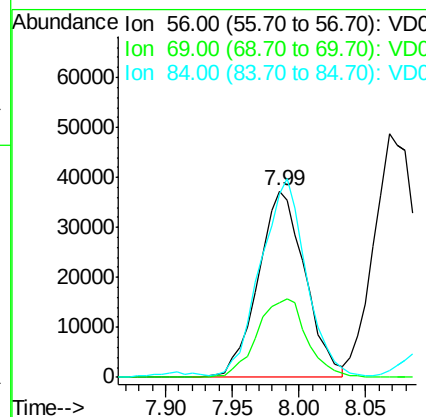
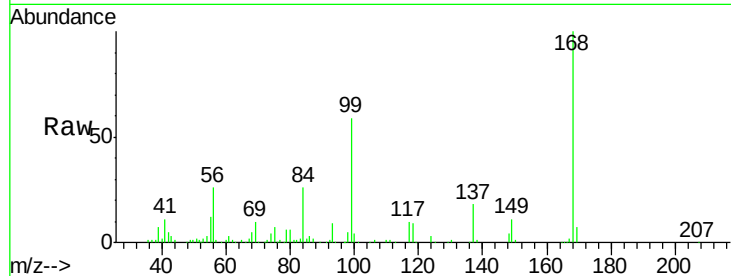
#31
Cyclohexane
Concen: 21.378 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	25.9	38.9#
84	96.5	76.2	114.4

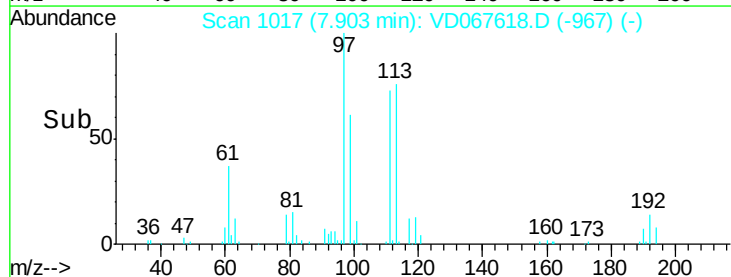
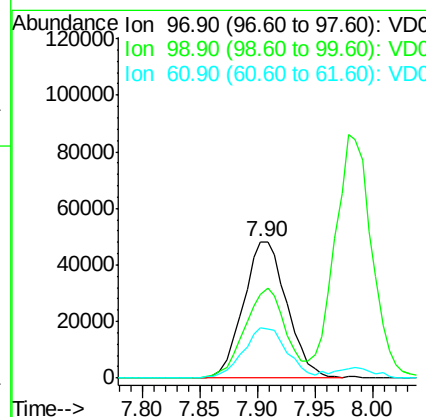
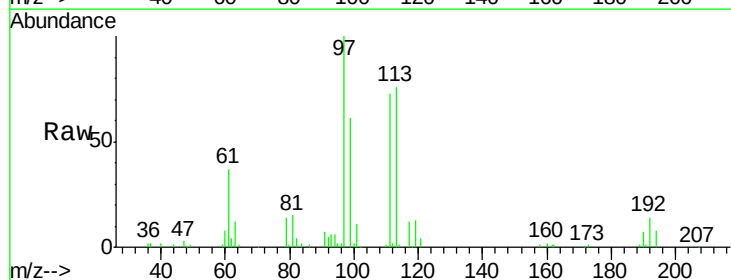
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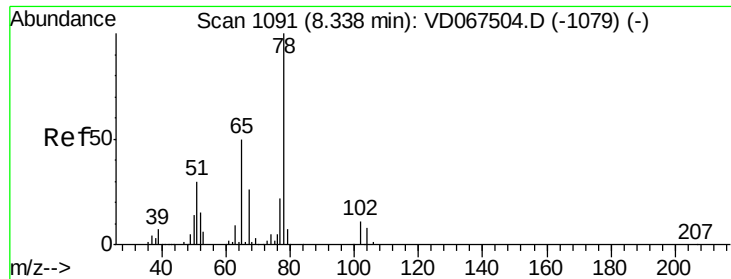
MMDadoda
11/16/2020 2:34:44 PM



#32
1,1,1-Trichloroethane
Concen: 21.585 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.6
61	37.0	30.5	45.7





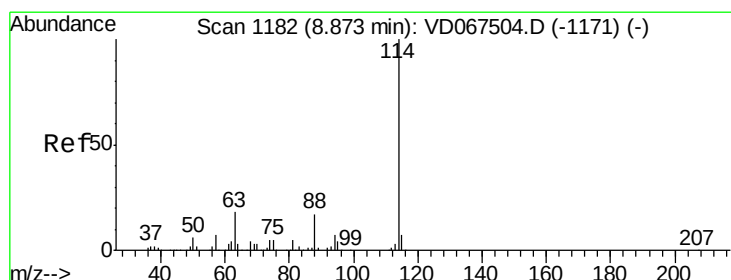
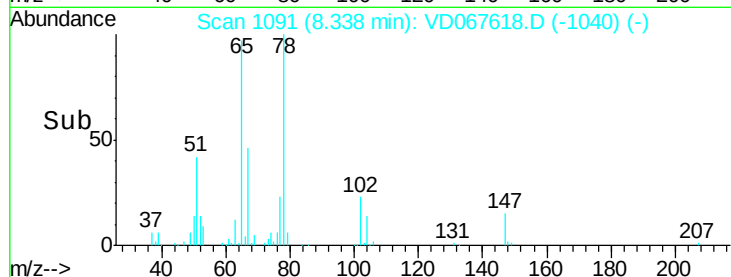
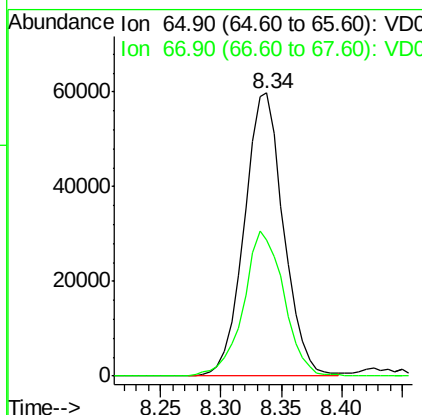
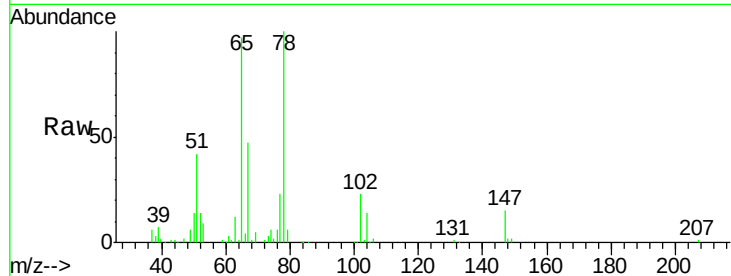
#33
 1,2-Dichloroethane-d4
 Concen: 46.151 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	99.4

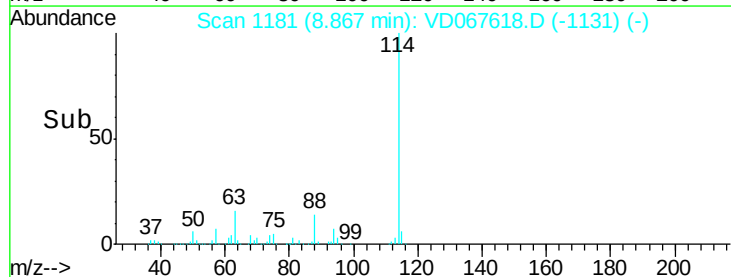
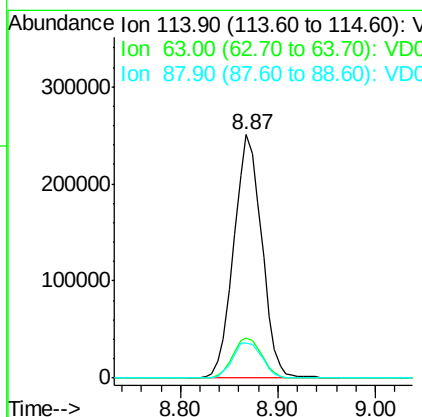
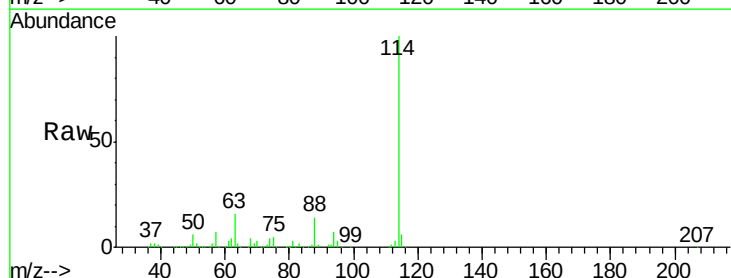
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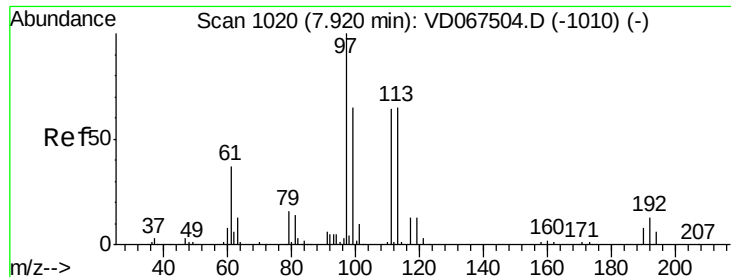
MMDadoda
 11/16/2020 2:34:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	35.0
88	14.5	0.0	33.0





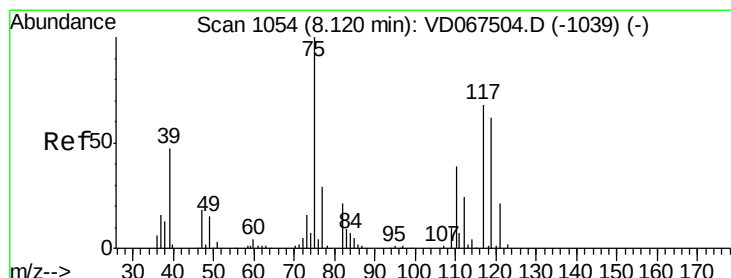
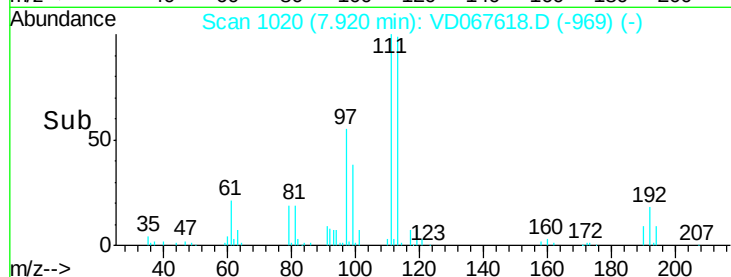
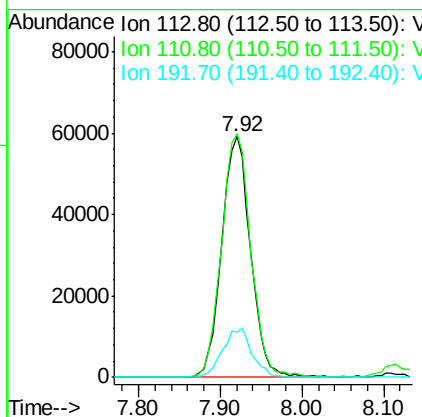
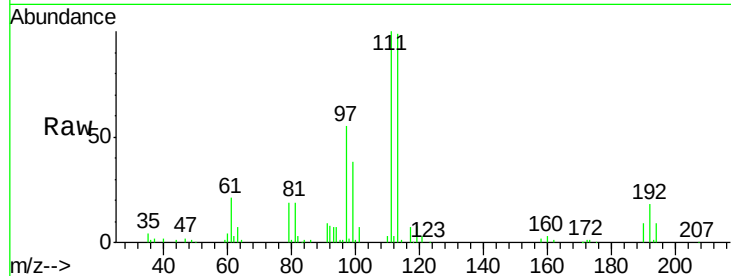
#35
 Dibromofluoromethane
 Concen: 48.055 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145274		
111	103.0	80.0	120.0	
192	20.5	16.3	24.5	

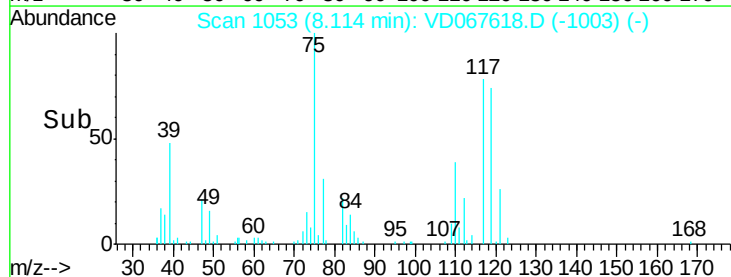
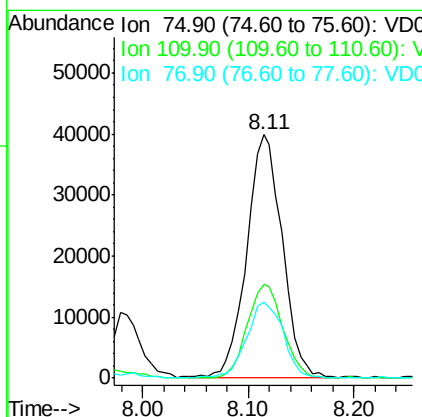
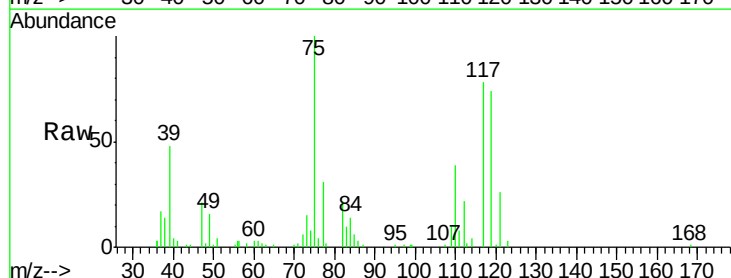
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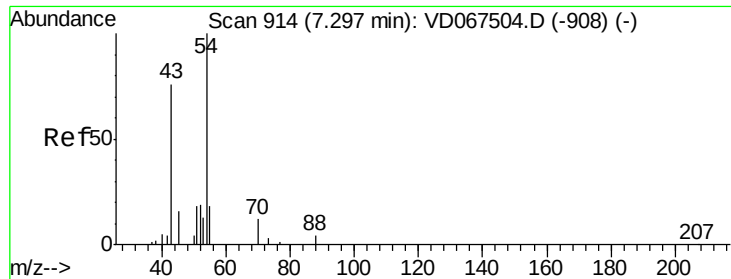
MMDadoda
 11/16/2020 2:34:44 PM



#36
 1,1-Dichloropropene
 Concen: 21.789 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93580		
110	38.6	19.9	59.7	
77	32.1	24.8	37.2	





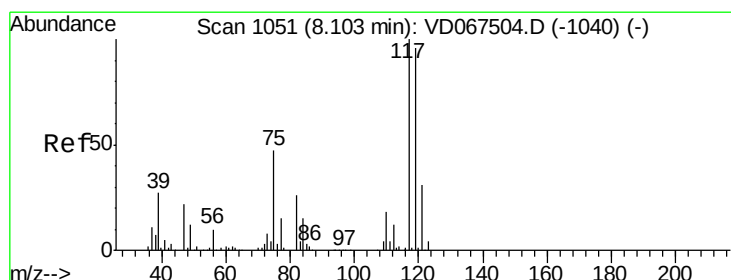
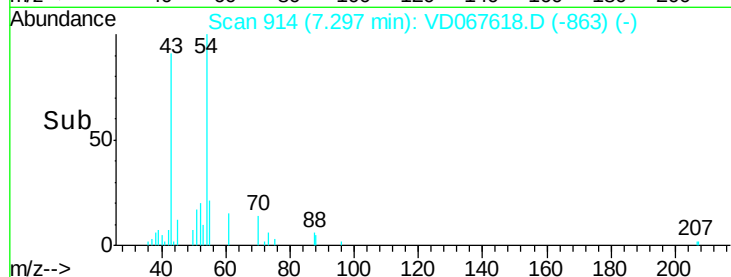
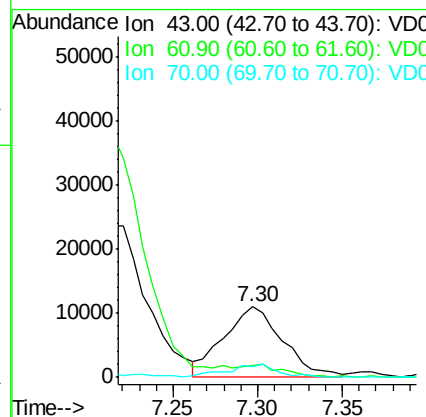
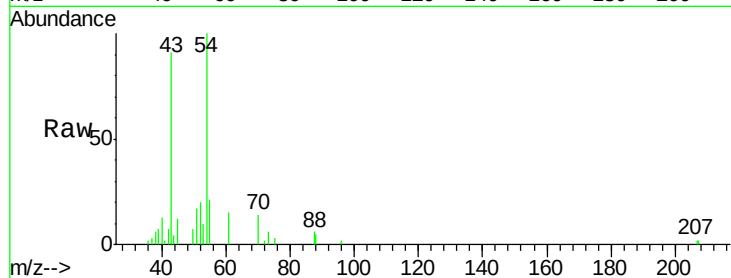
#37
Ethyl Acetate
Concen: 23.905 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	15.8	11.7	17.5

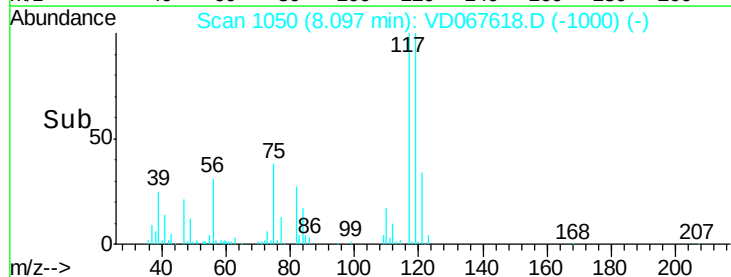
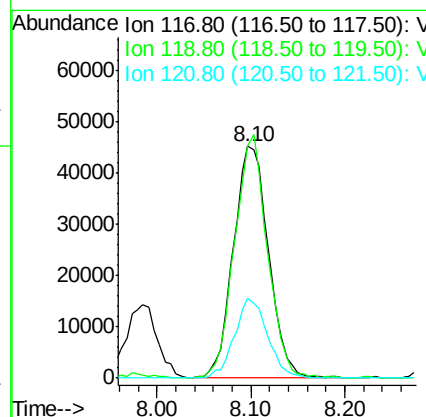
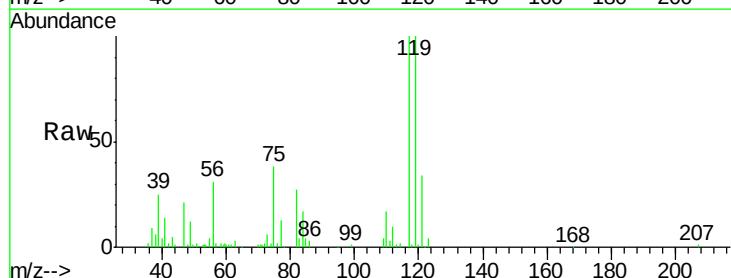
Manual Integrations
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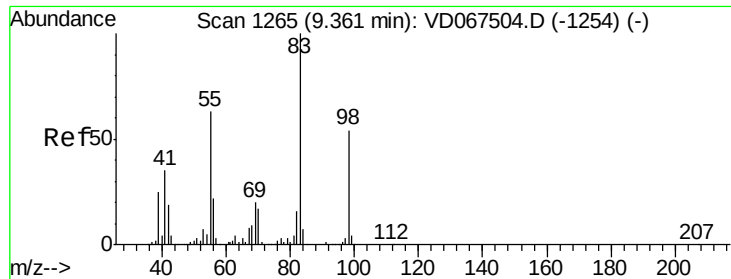
MMDadoda
11/16/2020 2:34:44 PM



#38
Carbon Tetrachloride
Concen: 21.118 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.9	115.3
121	34.4	24.5	36.7





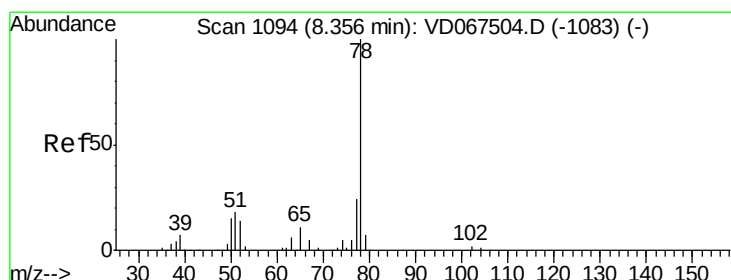
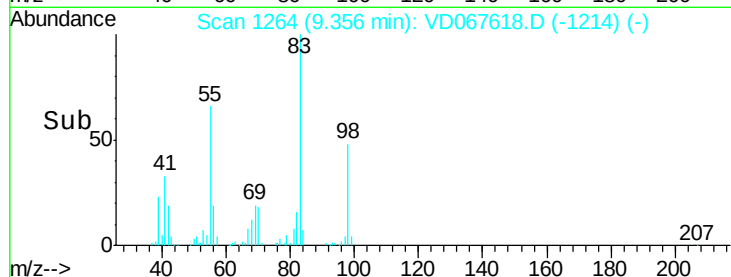
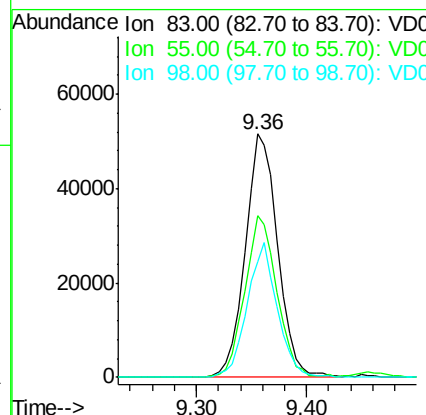
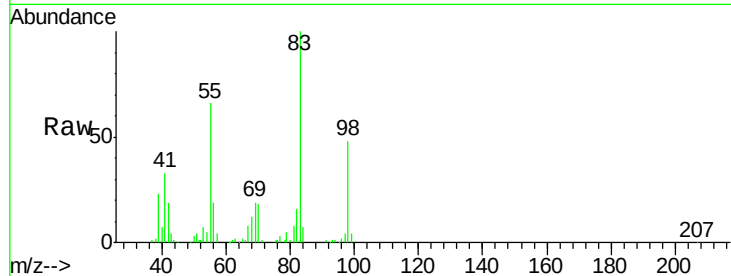
#39
Methylvlcyclohexane
Concen: 21.054 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	50.5	75.7
98	47.5	43.4	65.0

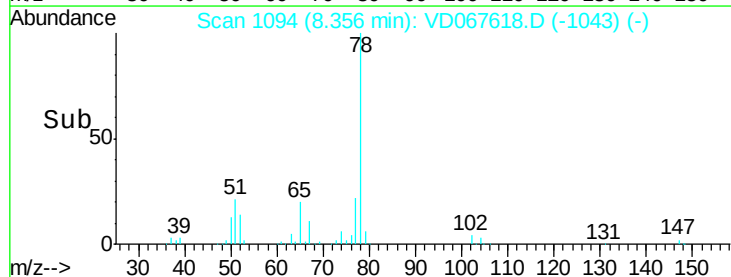
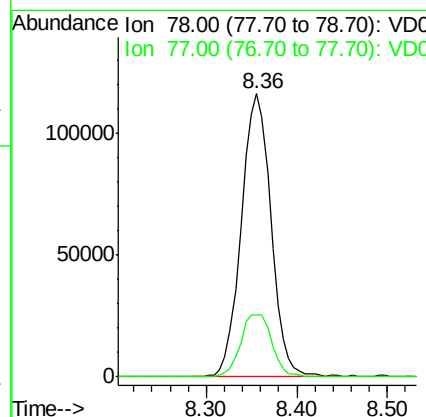
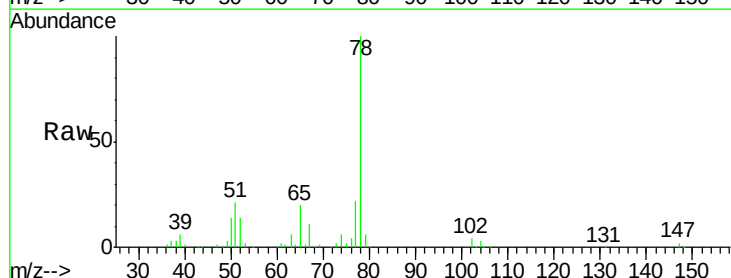
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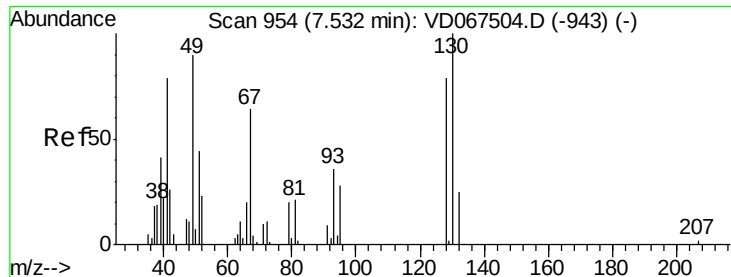
MMDadoda
11/16/2020 2:34:44 PM



#40
Benzene
Concen: 22.805 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.1	28.7





#41

Methacrylonitrile

Concen: 18.489 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion: 41 Resp: 12323

Ion Ratio Lower Upper

41 100

39 92.4 51.3 76.9#

67 0.0 78.9 118.3#

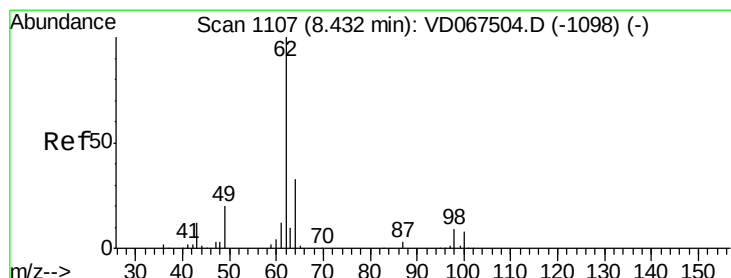
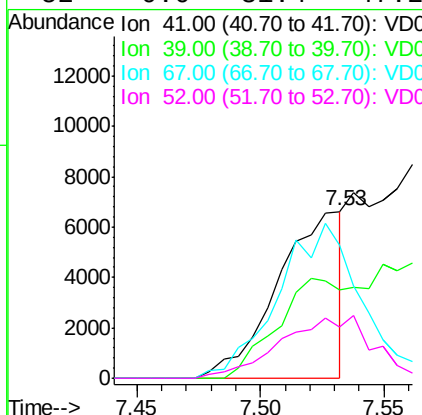
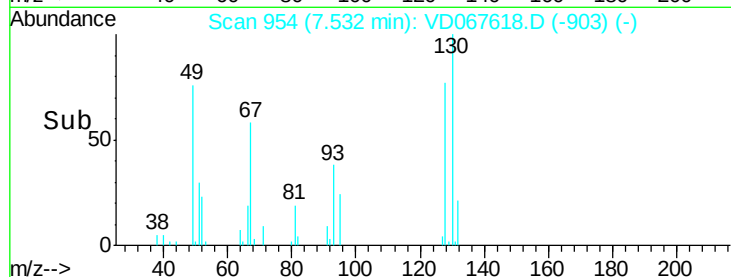
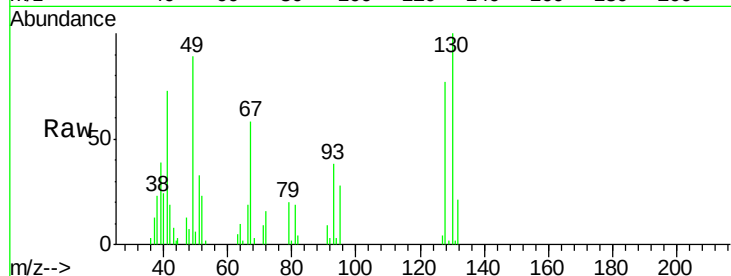
52 0.0 31.4 47.2#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 21.975 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067618.D

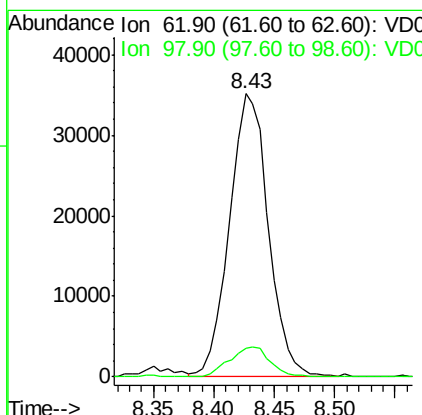
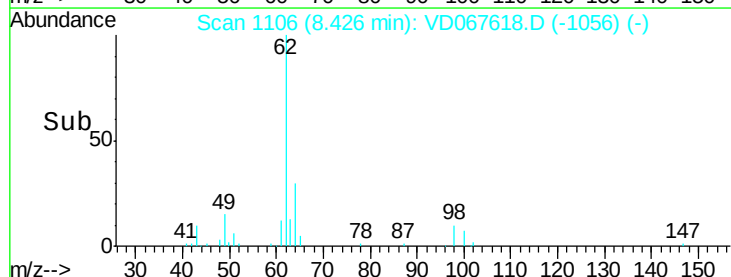
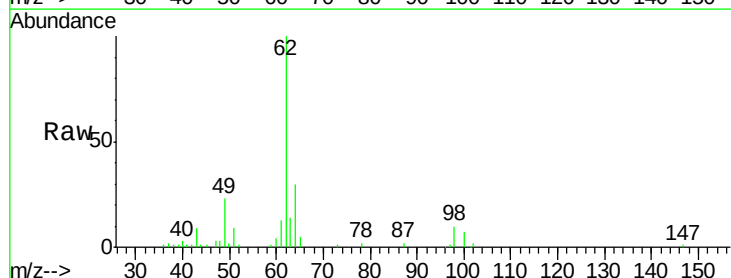
Acq: 12 Nov 2020 12:57

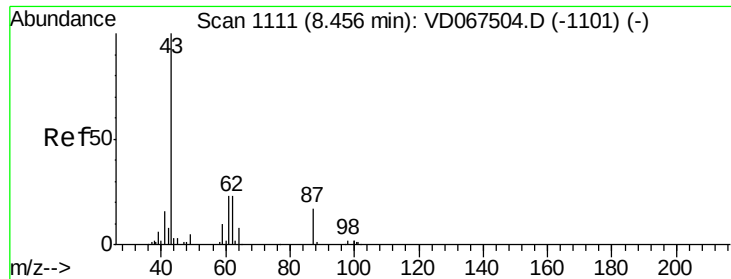
Tgt Ion: 62 Resp: 78989

Ion Ratio Lower Upper

62 100

98 10.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 24.330 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

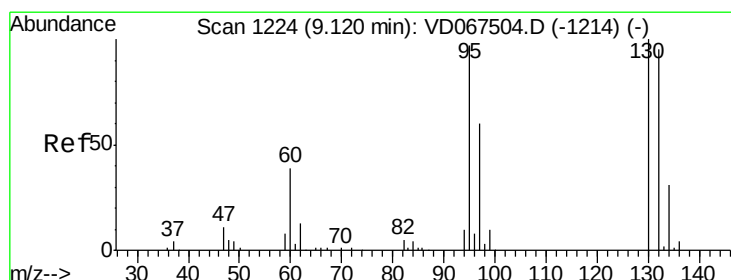
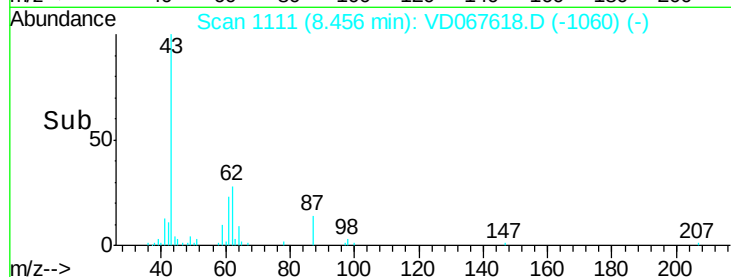
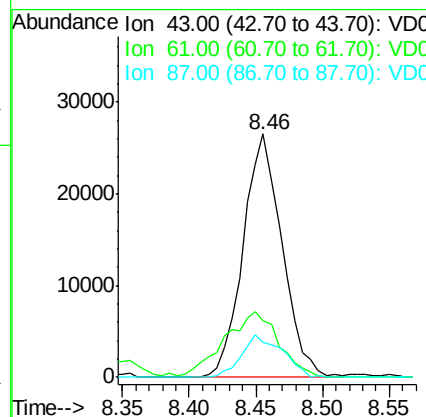
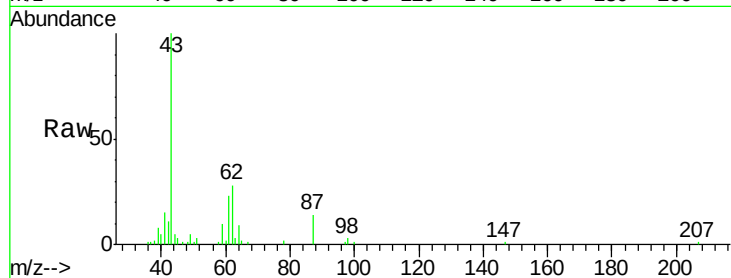
ClientSampleId :

VD1112SBS01

Tot Ion:	43	Resp:	53652
Ion	Ratio	Lower	Upper
43	100		
61	38.3	30.5	45.7
87	18.4	14.7	22.1

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#44

Trichloroethene

Concen: 21.736 ug/l

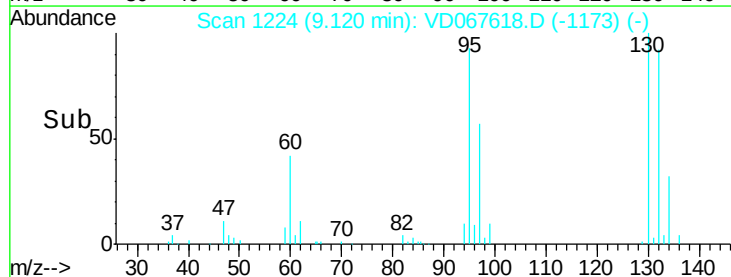
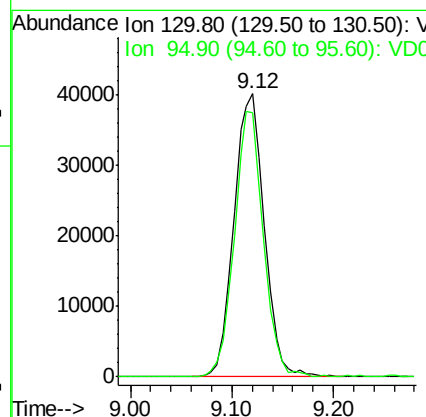
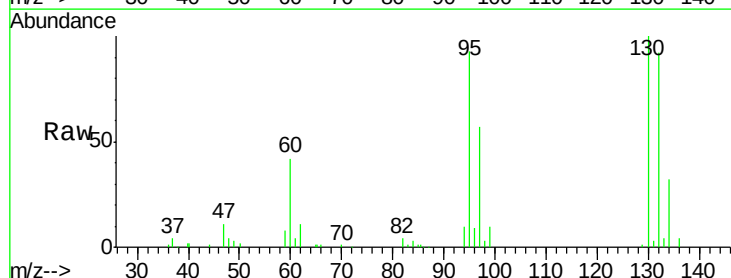
RT: 9.12 min Scan# 1224

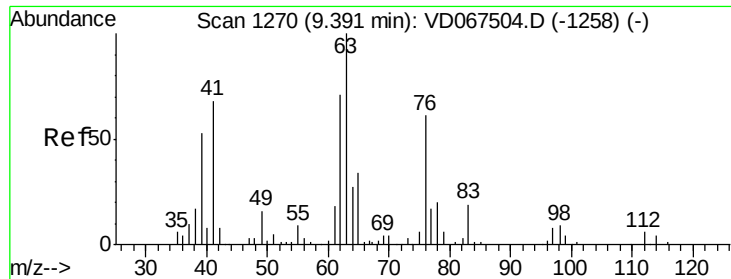
Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion:	130	Resp:	83148
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	194.4





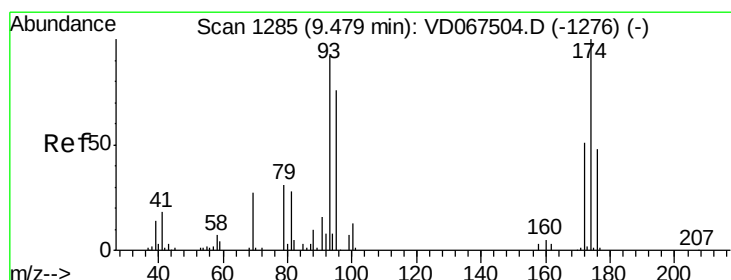
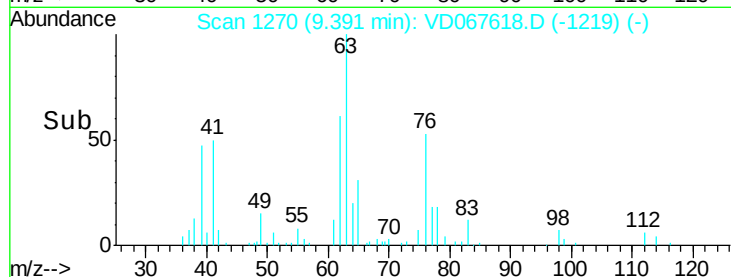
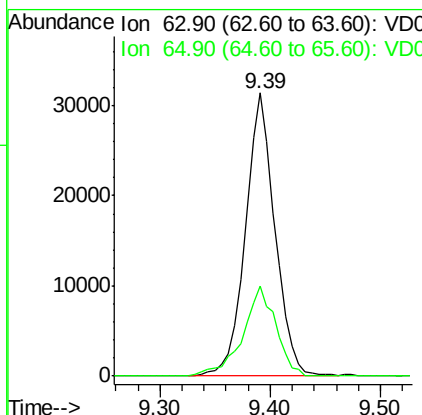
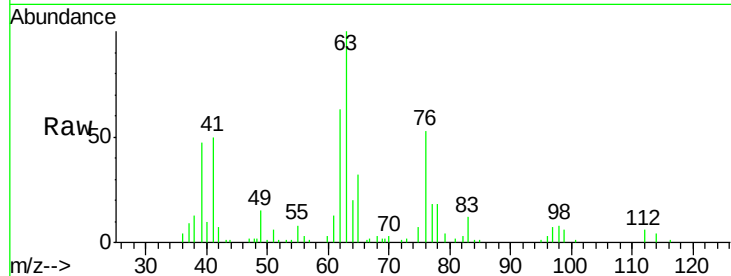
#45
 1,2-Dichloropropane
 Concen: 23.436 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS001

Tot Ion: 63 Resp: 58950
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.9 40.3

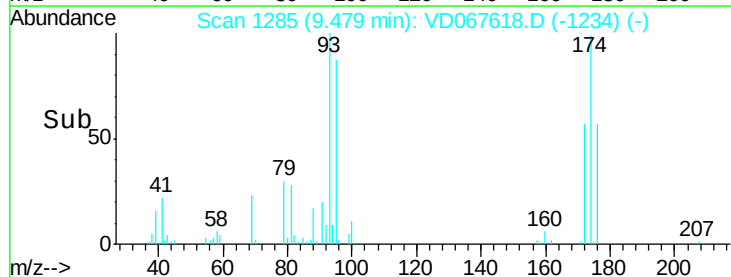
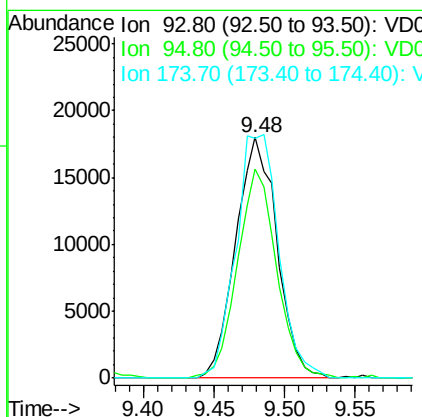
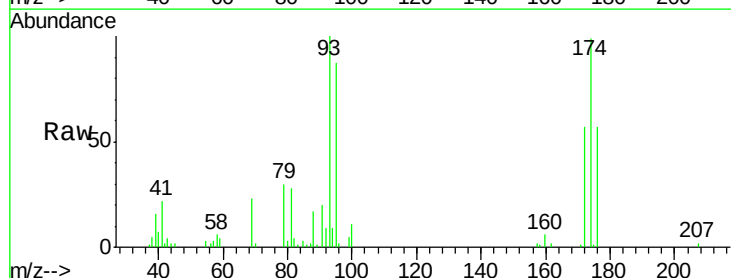
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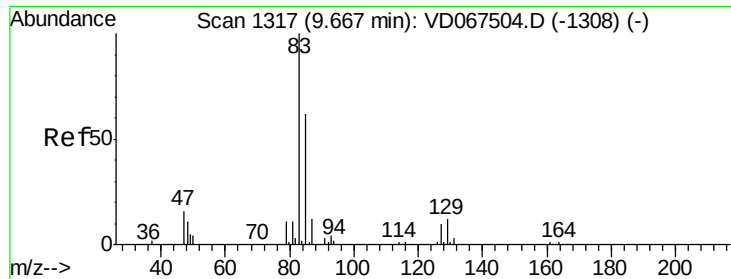
MMDadoda
 11/16/2020 2:34:44 PM



#46
 Dibromomethane
 Concen: 23.087 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion: 93 Resp: 36924
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.4 99.6
 174 105.1 88.2 132.4





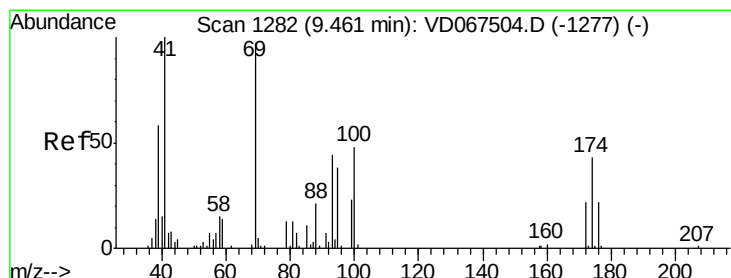
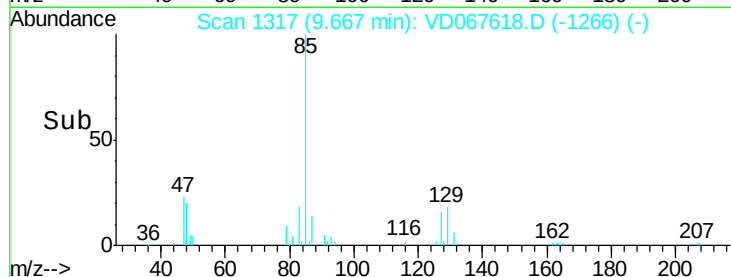
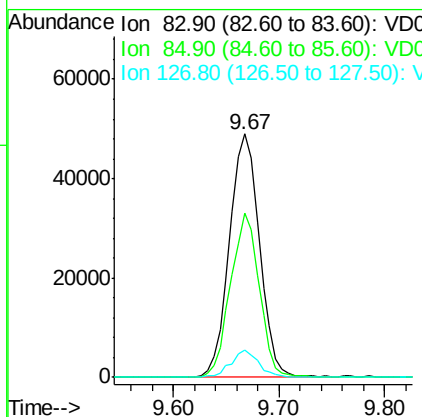
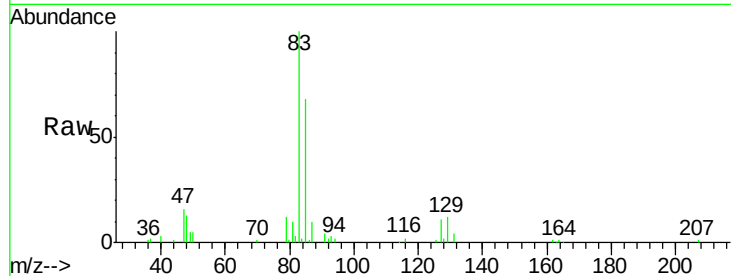
#47
Bromodichloromethane
Concen: 22.218 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	83	Resp	96579
Ion Ratio	100	Lower	Upper
83	100		
85	67.7	49.4	74.2
127	11.0	7.7	11.5

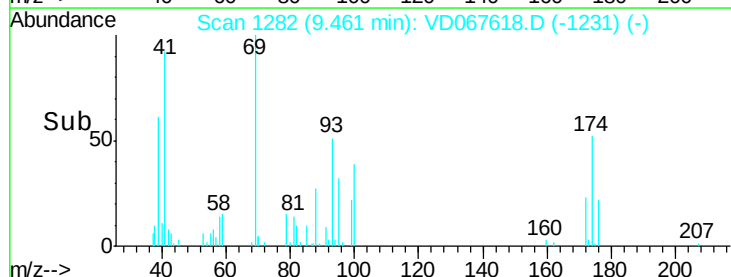
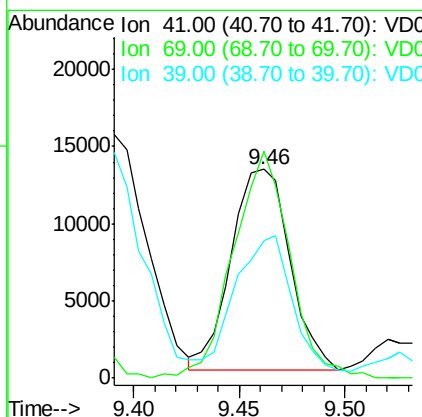
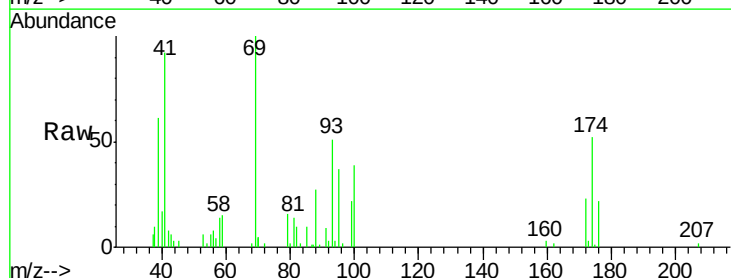
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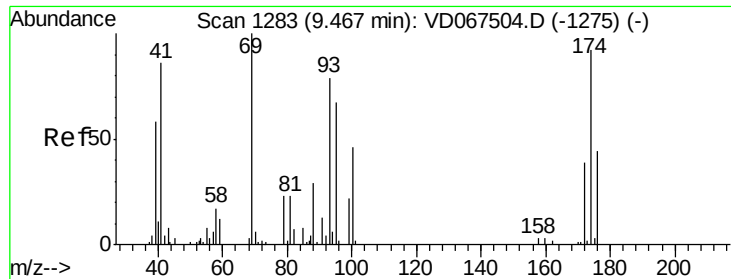
MMDadoda
11/16/2020 2:34:44 PM



#48
Methyl methacrylate
Concen: 22.208 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	41	Resp	25286
Ion Ratio	100	Lower	Upper
41	100		
69	108.4	80.6	121.0
39	72.8	50.2	75.4





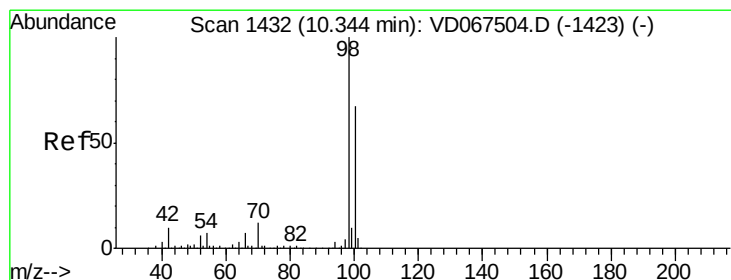
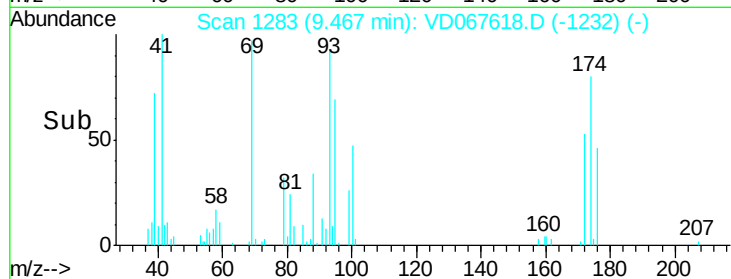
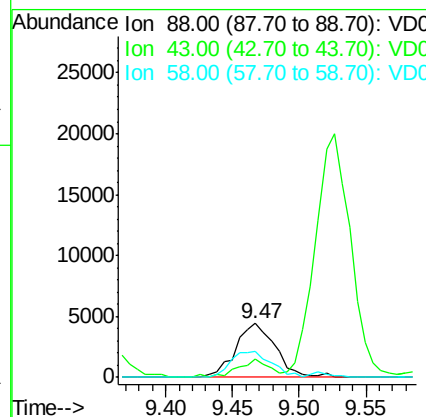
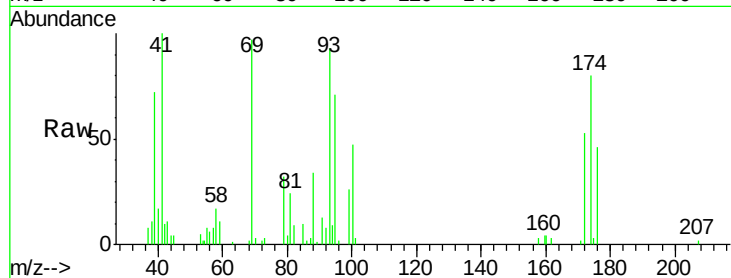
#49
1,4-Dioxane
Concen: 571.390 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	88	Resp	9277
Ion	Ratio	Lower	Upper
88	100		
43	26.0	23.6	35.4
58	48.3	44.7	67.1

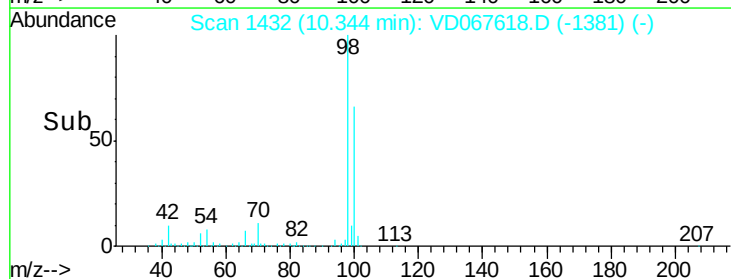
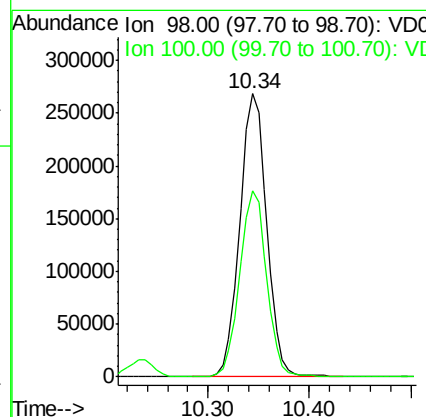
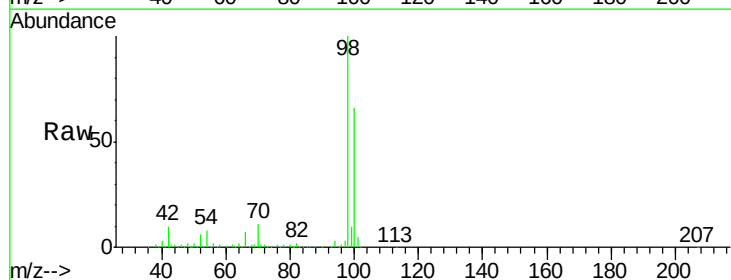
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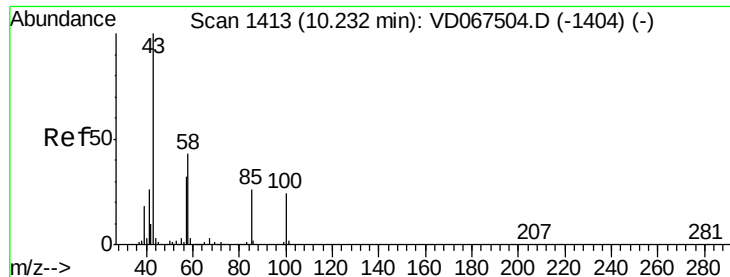
MMDadoda
11/16/2020 2:34:44 PM



#50
Toluene-d8
Concen: 46.574 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	98	Resp	494787
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





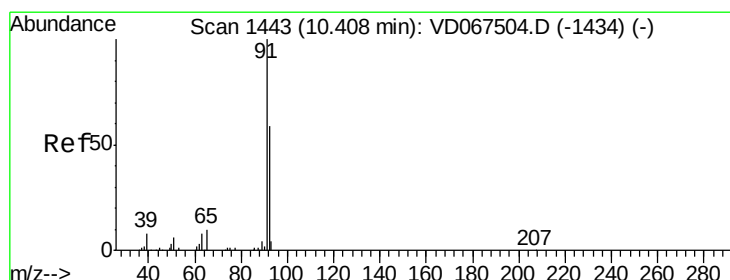
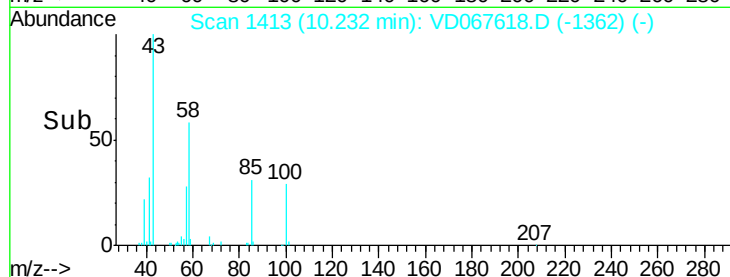
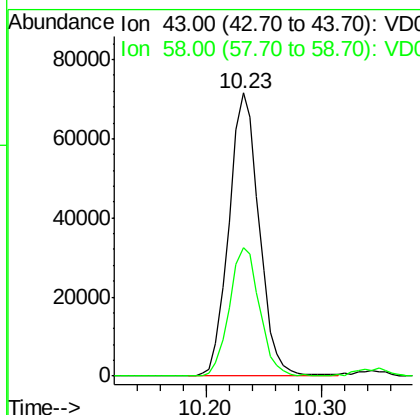
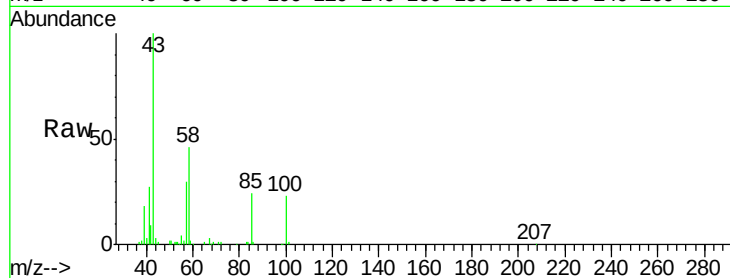
#51
4-Methyl-2-Pentanone
Concen: 123.339 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion: 43 Resp: 130079
Ion Ratio Lower Upper
43 100
58 45.3 35.6 53.4

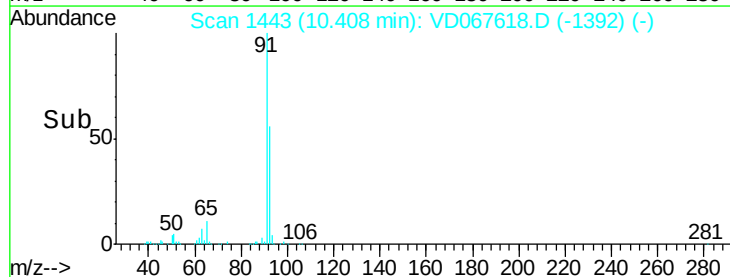
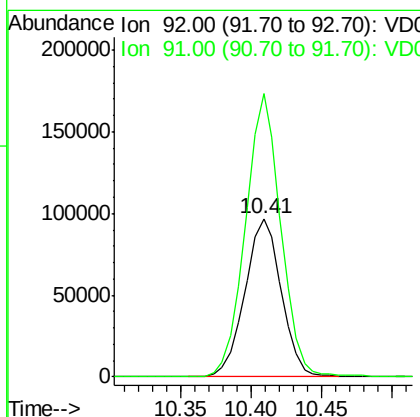
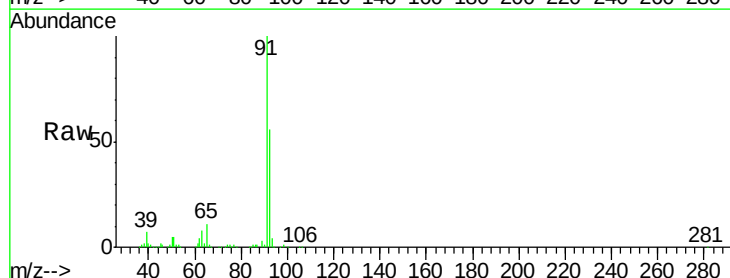
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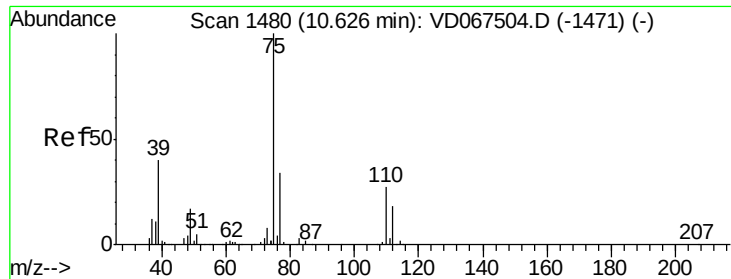
MMDadoda
11/16/2020 2:34:44 PM



#52
Toluene
Concen: 22.395 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion: 92 Resp: 174508
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





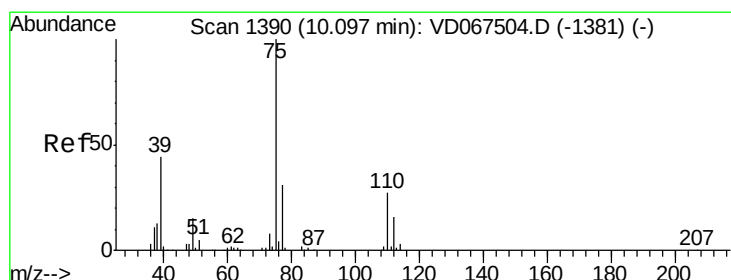
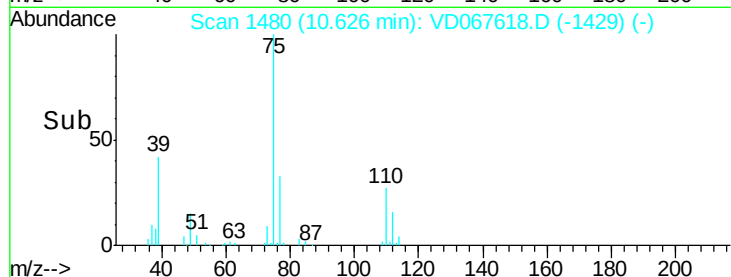
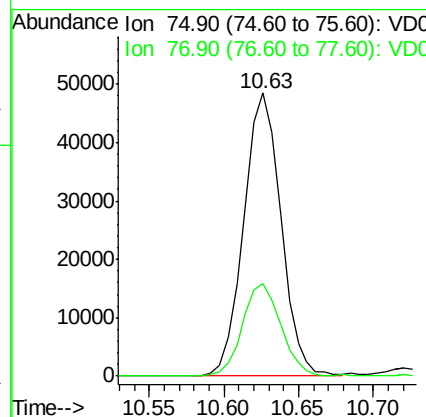
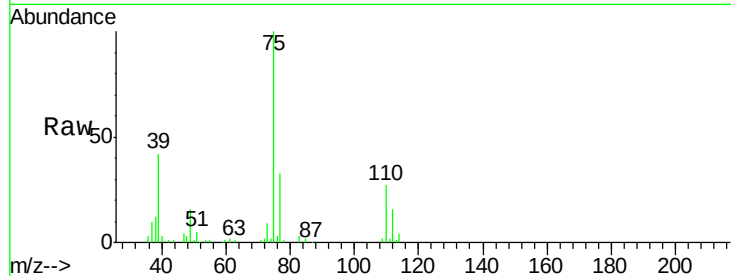
#53
t-1,3-Dichloropropene
Concen: 22.556 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion: 75 Resp: 83974
Ion Ratio Lower Upper
75 100
77 32.9 27.0 40.6

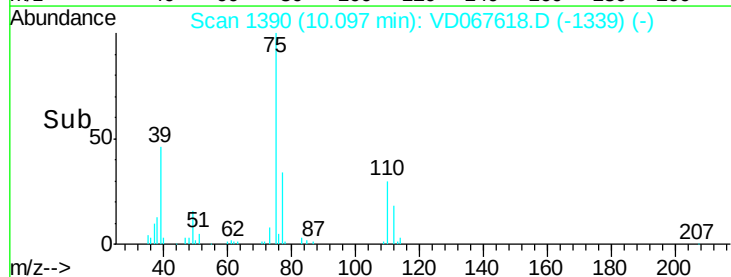
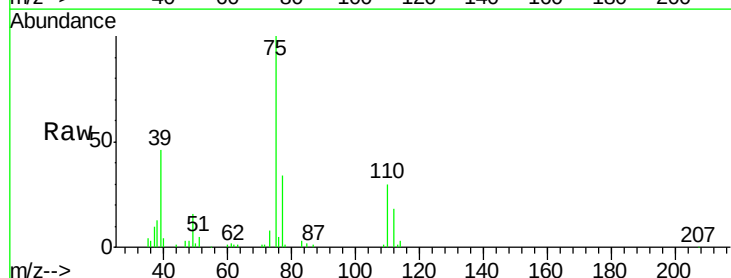
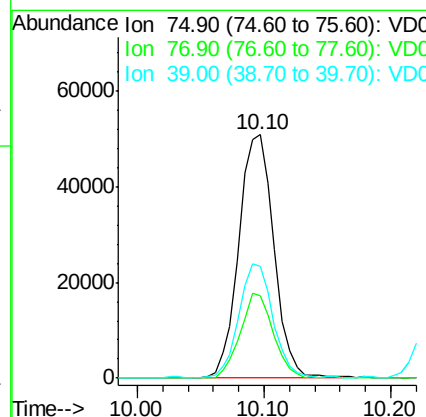
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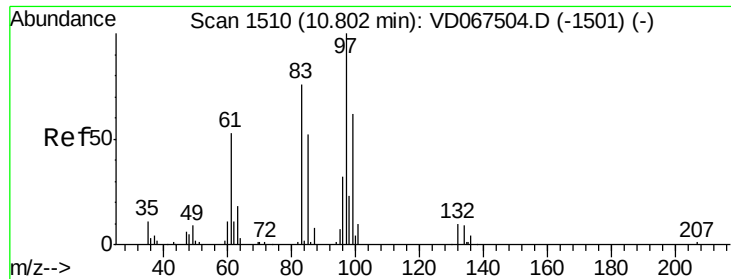
MMDadoda
11/16/2020 2:34:44 PM



#54
cis-1,3-Dichloropropene
Concen: 21.992 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion: 75 Resp: 97280
Ion Ratio Lower Upper
75 100
77 33.8 24.4 36.6
39 45.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 23.446 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

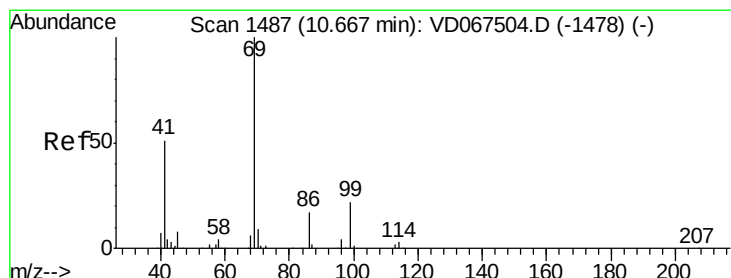
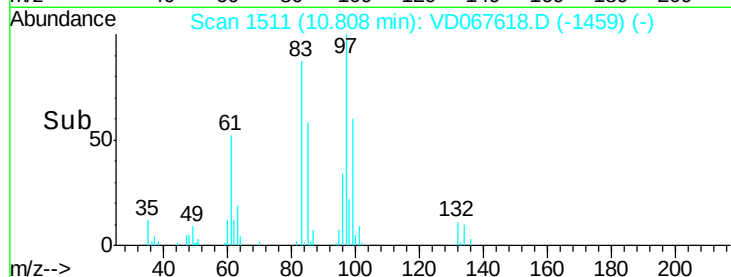
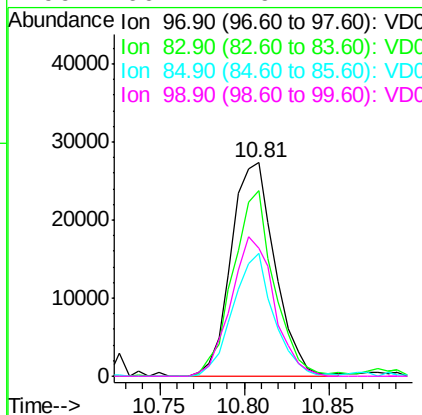
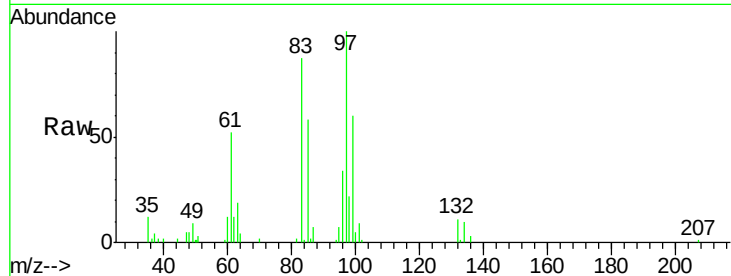
ClientSampleId :

VD1112SBS01

Tot Ion	97	Resp:	49613
Ion	Ratio	Lower	Upper
97	100		
83	86.8	61.0	91.6
85	57.8	41.5	62.3
99	60.2	49.4	74.2

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#56

Ethyl methacrylate

Concen: 22.992 ug/l

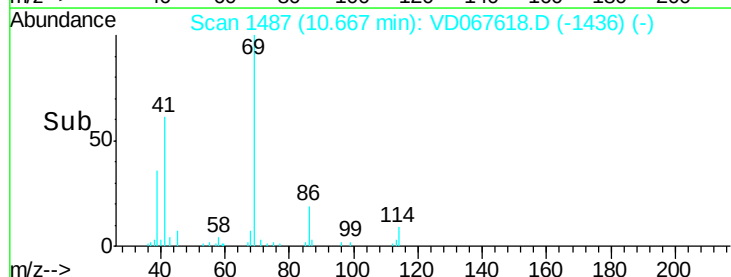
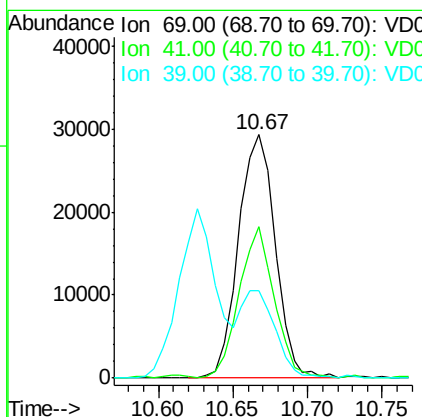
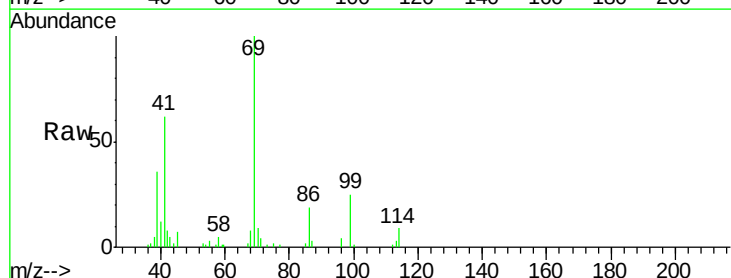
RT: 10.67 min Scan# 1487

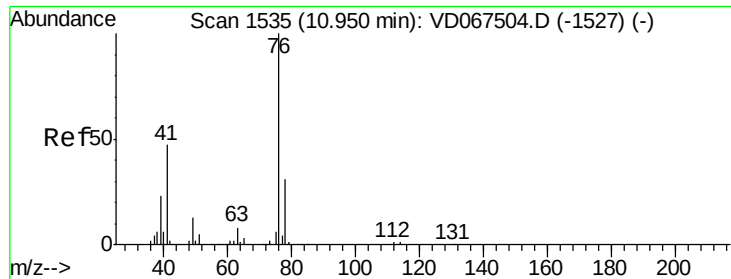
Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion	69	Resp:	50242
Ion	Ratio	Lower	Upper
69	100		
41	59.4	45.4	68.0
39	33.7	27.4	41.0





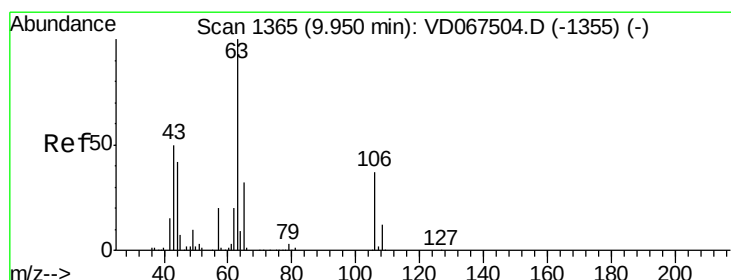
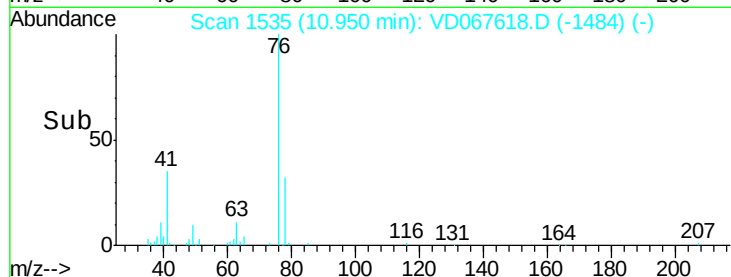
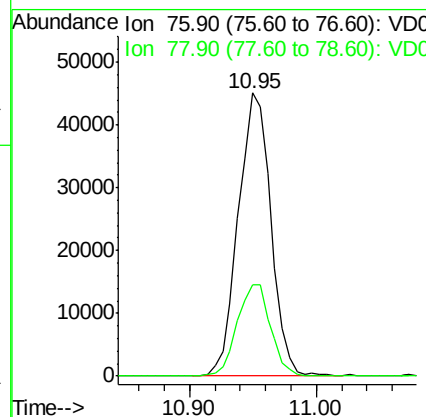
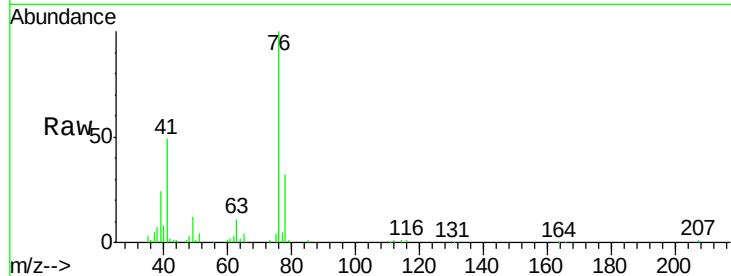
#57
 1,3-Dichloropropane
 Concen: 23.599 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Tot Ion: 76 Resp: 80359
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

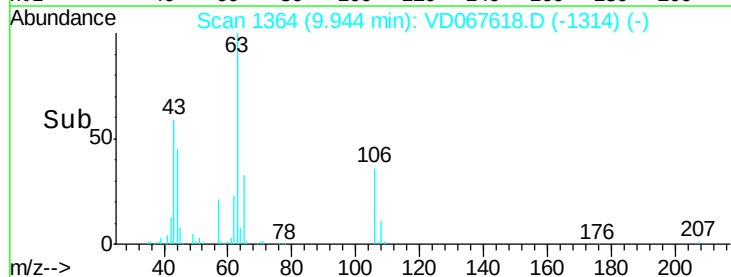
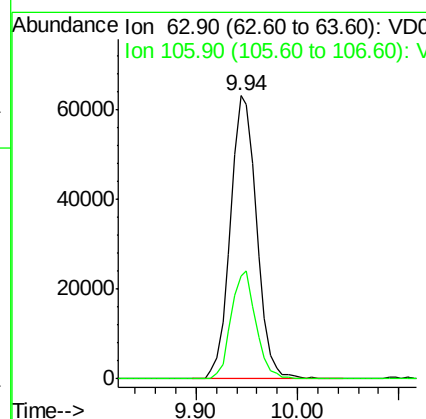
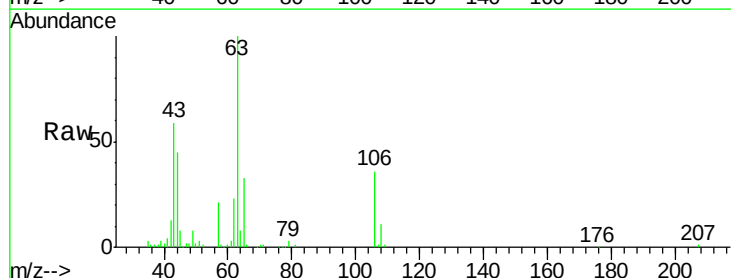
Manual Integrations
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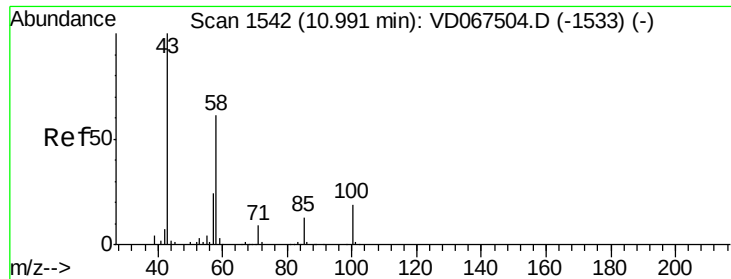
MMDadoda
 11/16/2020 2:34:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.557 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion: 63 Resp: 113680
 Ion Ratio Lower Upper
 63 100
 106 35.7 29.2 43.8





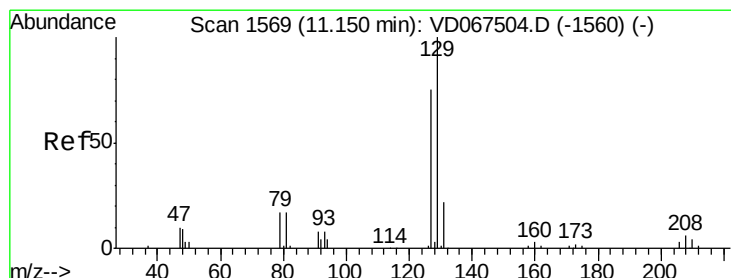
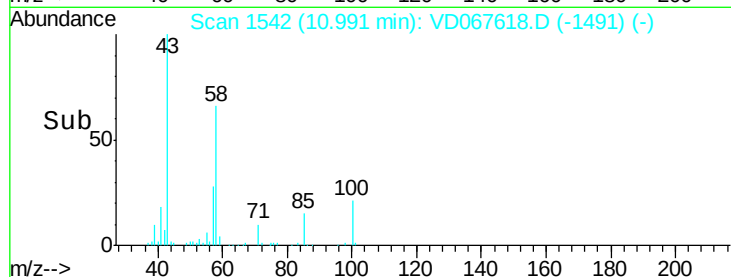
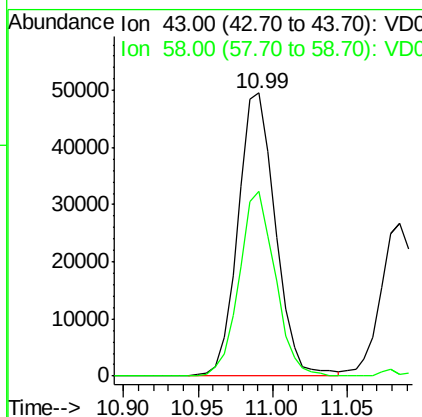
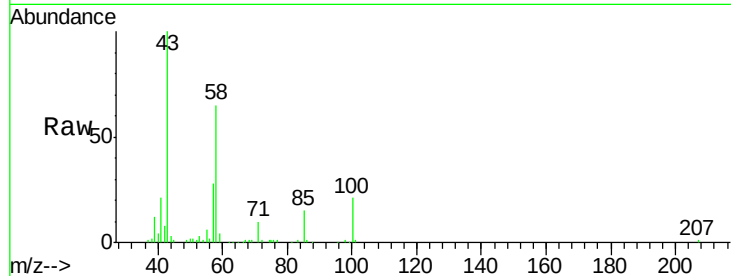
#59
2-Hexanone
Concen: 116.675 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion: 43 Resp: 86037
Ion Ratio Lower Upper
43 100
58 62.6 30.3 90.9

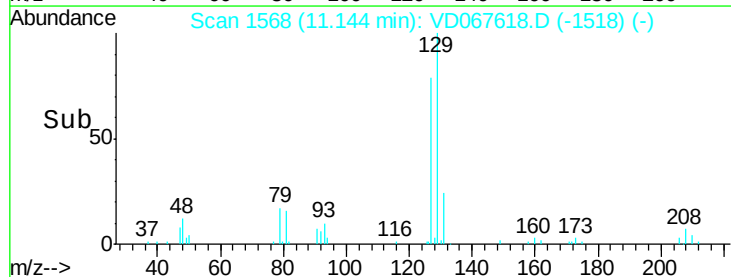
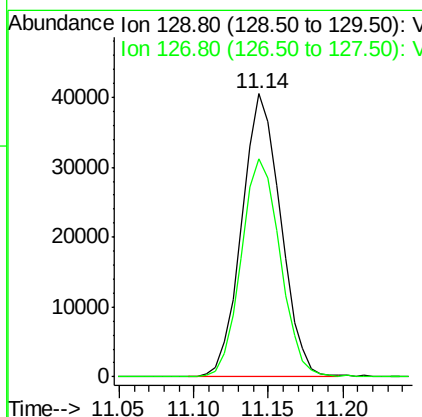
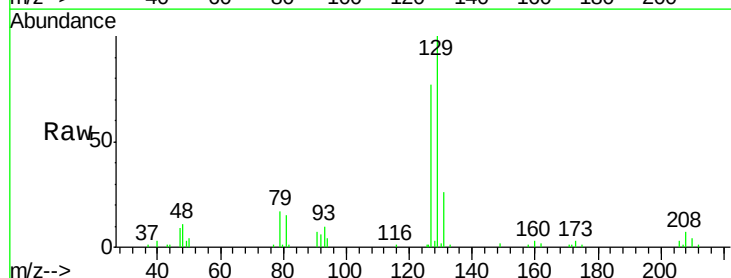
Manual Integrations
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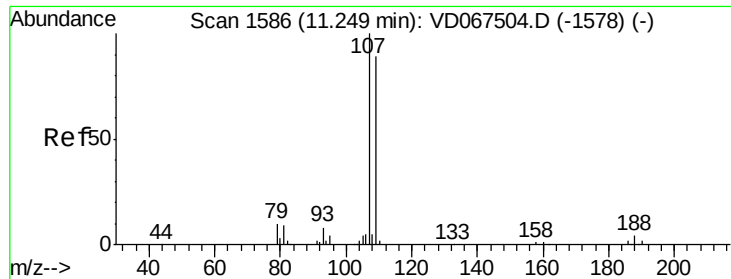
MMDadoda
11/16/2020 2:34:44 PM



#60
Dibromochloromethane
Concen: 23.362 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion: 129 Resp: 73131
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1





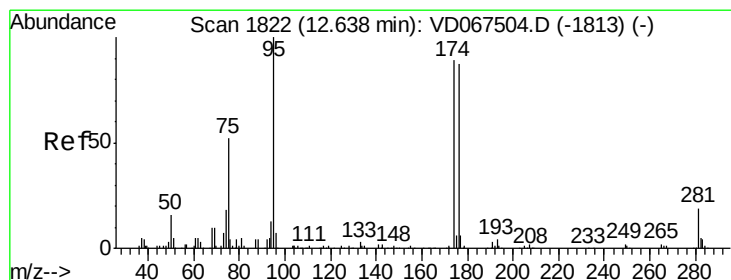
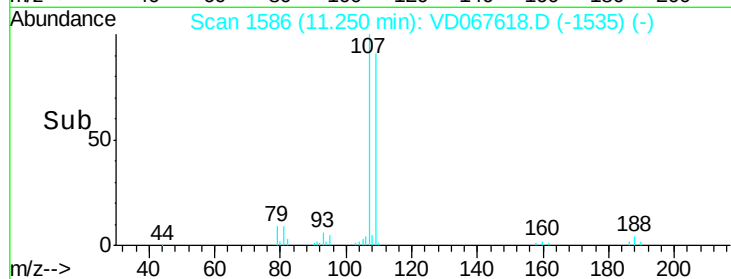
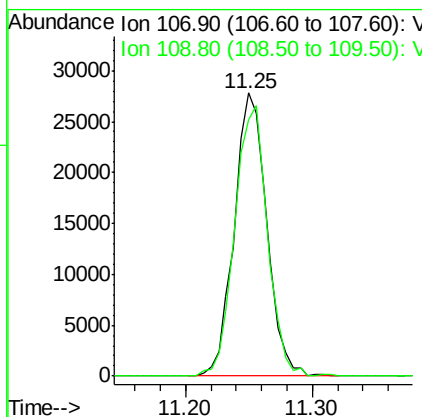
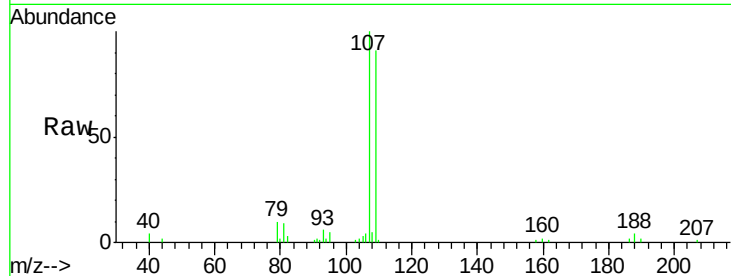
#61
 1,2-Dibromoethane
 Concen: 23.217 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Tot Ion: 107 Resp: 49309
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.6 111.8

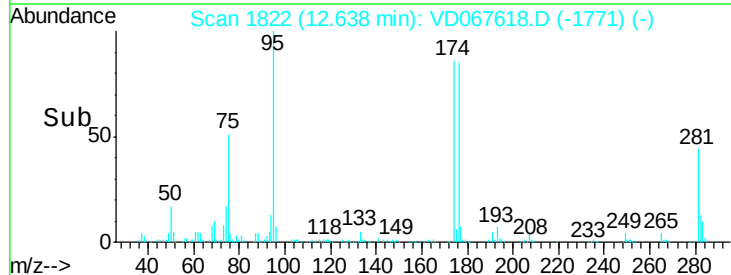
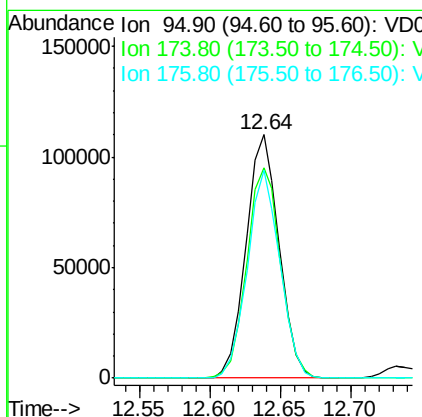
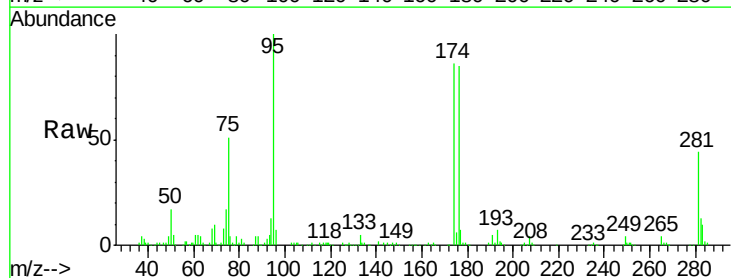
Manual Integrations
 APPROVED

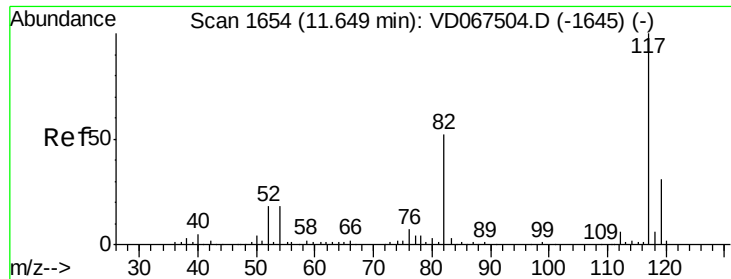
MMDadoda
 11/16/2020 2:34:44 PM



#62
 4-Bromofluorobenzene
 Concen: 49.167 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion: 95 Resp: 180335
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 177.8
 176 84.3 0.0 172.0





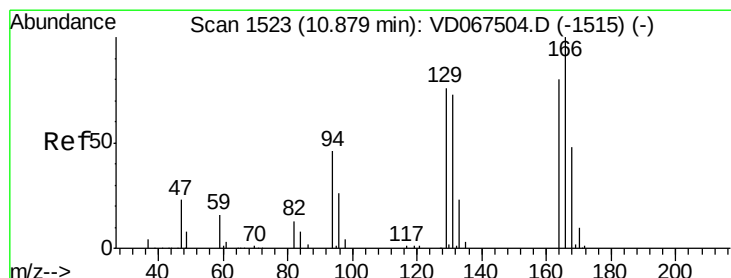
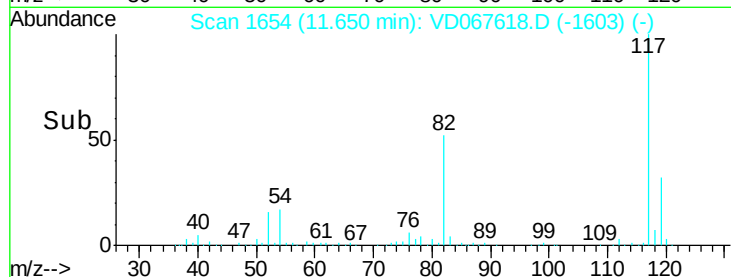
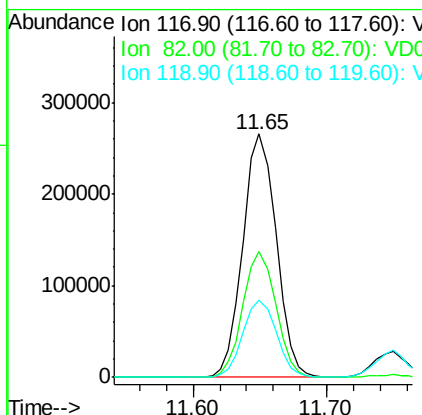
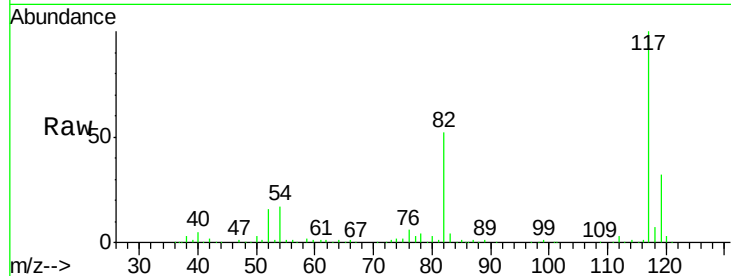
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.6	62.4
119	31.9	25.1	37.7

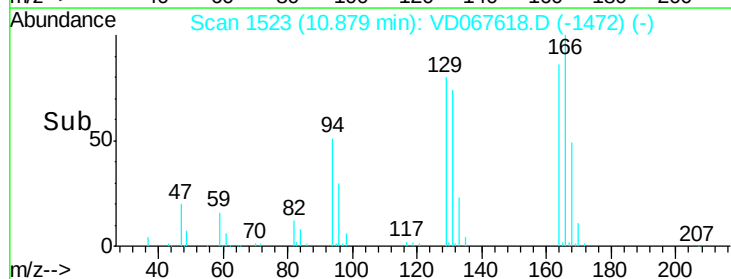
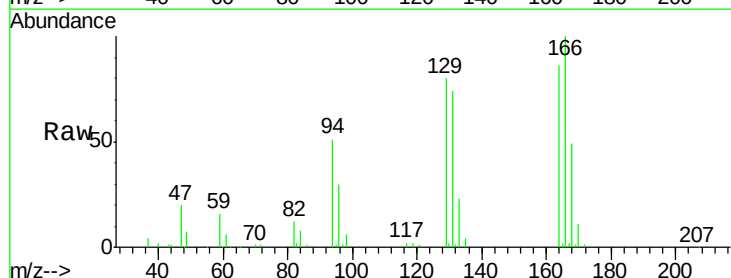
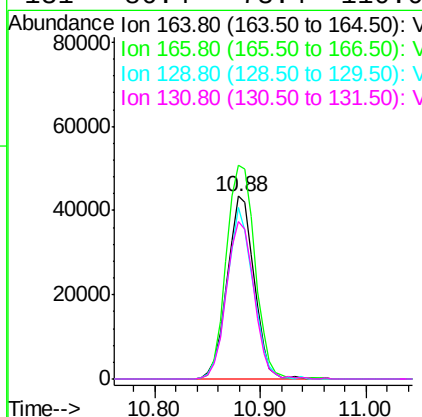
Manual Integrations
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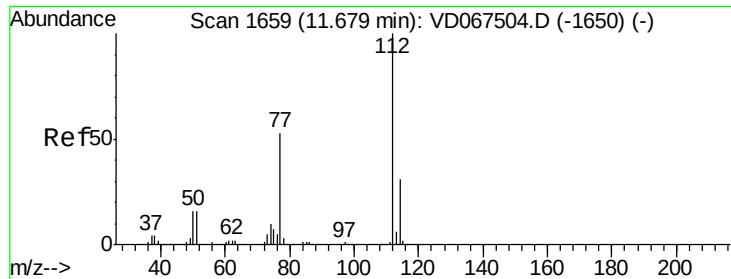
MMDadoda
11/16/2020 2:34:44 PM



#64
Tetrachloroethene
Concen: 22.320 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.9	99.9	149.9
129	94.0	75.5	113.3
131	86.4	73.4	110.0





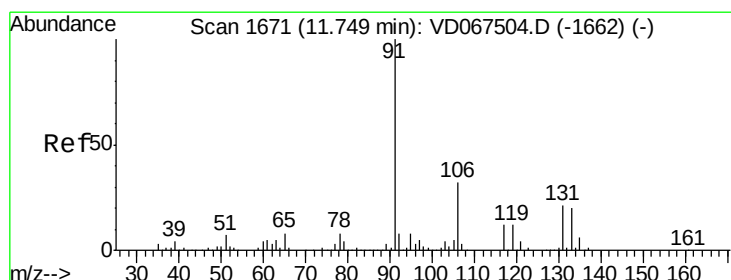
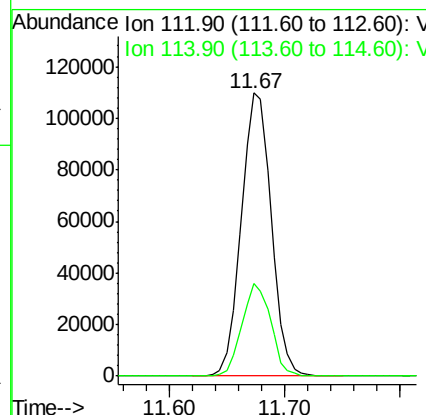
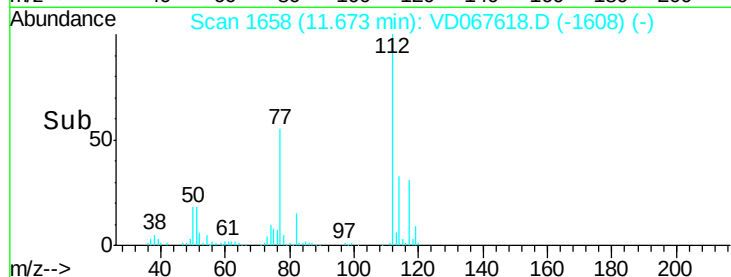
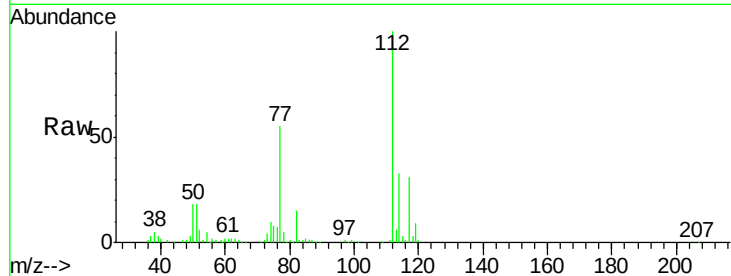
#65
Chlorobenzene
Concen: 22.142 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion:112 Resp: 196944
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3

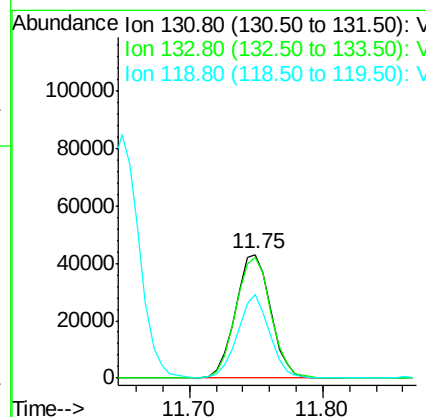
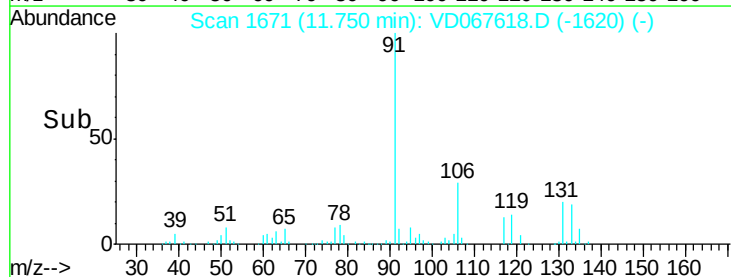
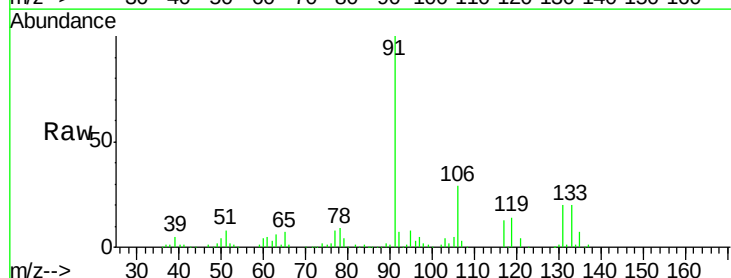
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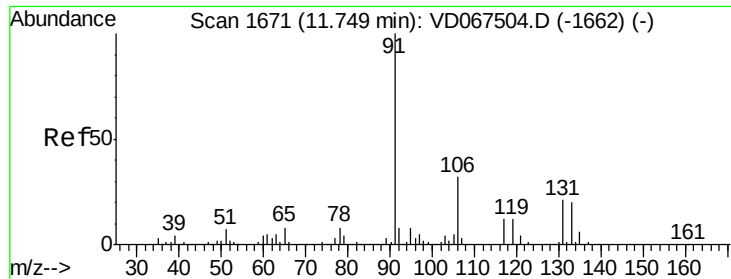
MMDadoda
11/16/2020 2:34:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.339 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion:131 Resp: 78310
Ion Ratio Lower Upper
131 100
133 98.3 48.0 144.0
119 61.7 30.1 90.5





#67

Ethyl Benzene

Concen: 22.292 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion: 91 Resp: 339292

Ion Ratio Lower Upper

91 100

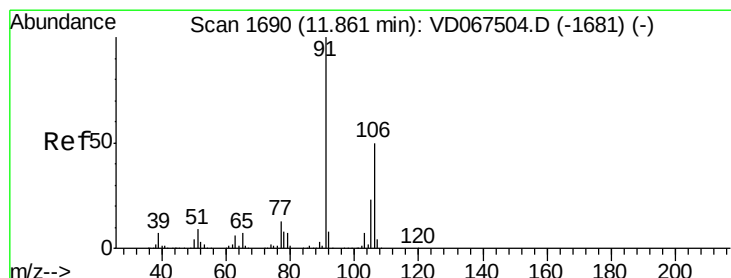
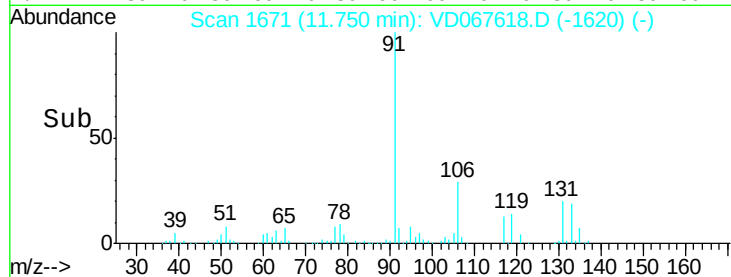
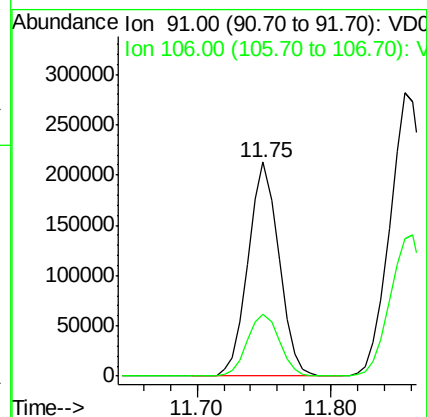
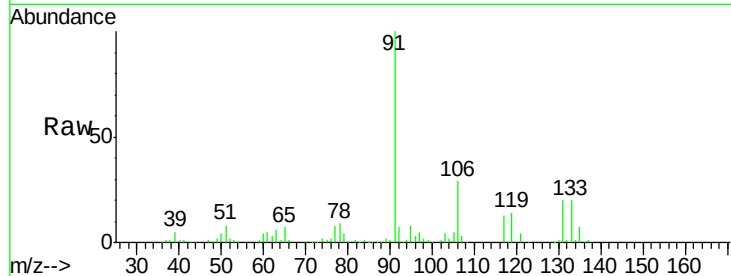
106 29.1 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.689 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD067618.D

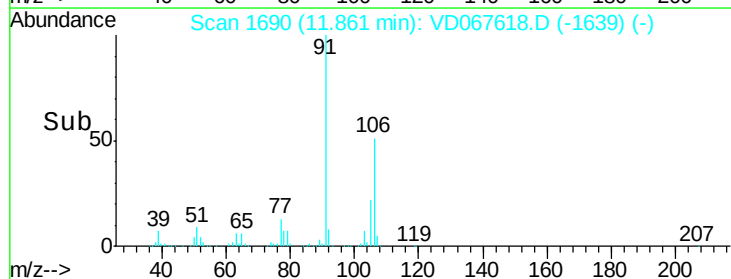
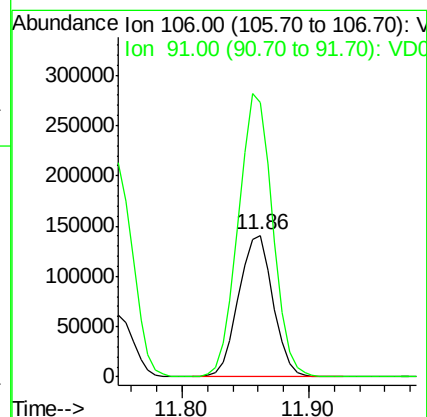
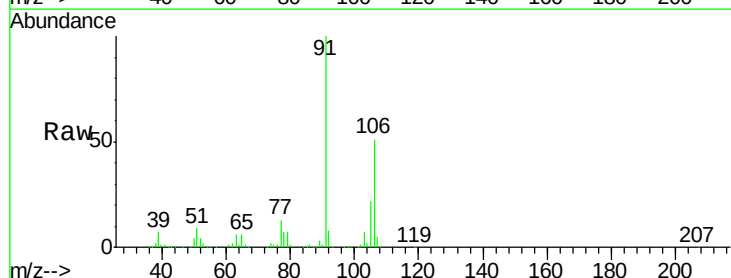
Acq: 12 Nov 2020 12:57

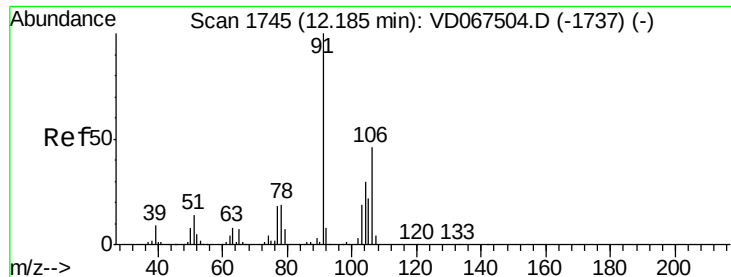
Tgt Ion: 106 Resp: 264614

Ion Ratio Lower Upper

106 100

91 200.0 162.6 244.0





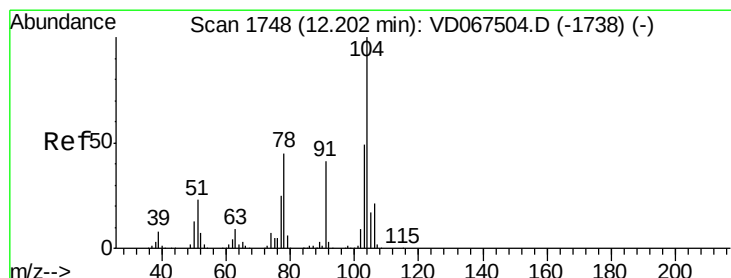
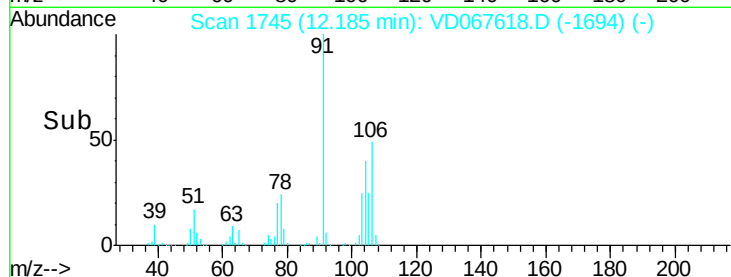
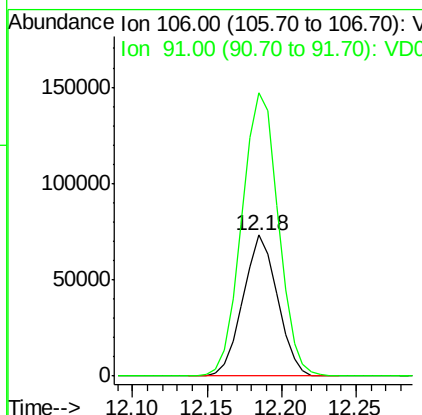
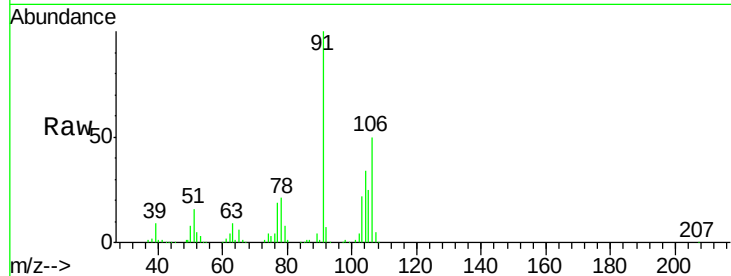
#69
o-Xylene
Concen: 22.256 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		117660		
91	211.3	107.1	321.1		

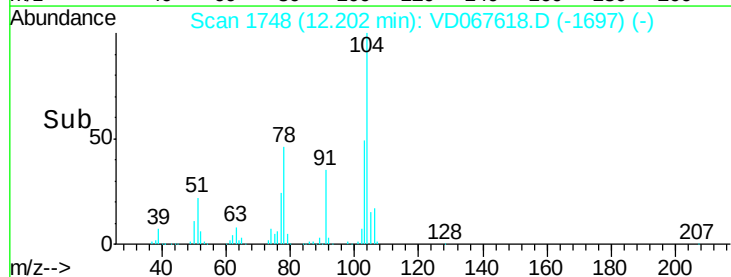
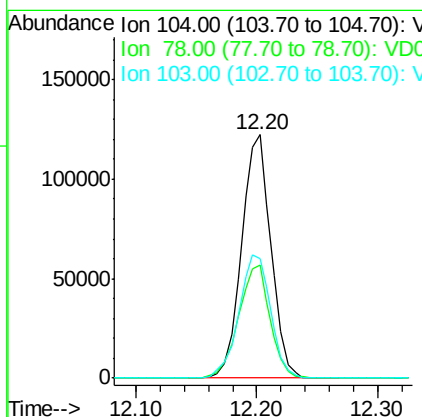
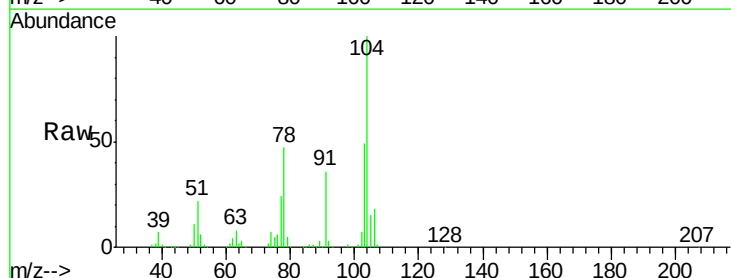
Manual Integrations
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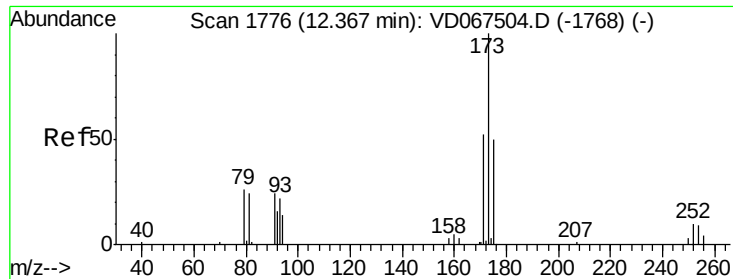
MMDadoda
11/16/2020 2:34:44 PM



#70
Styrene
Concen: 22.433 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		206655		
78	49.7	39.8	59.8		
103	55.1	43.9	65.9		





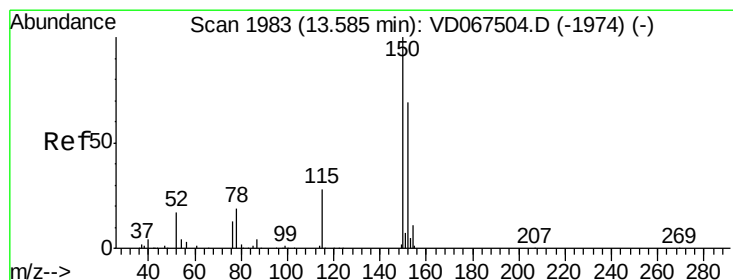
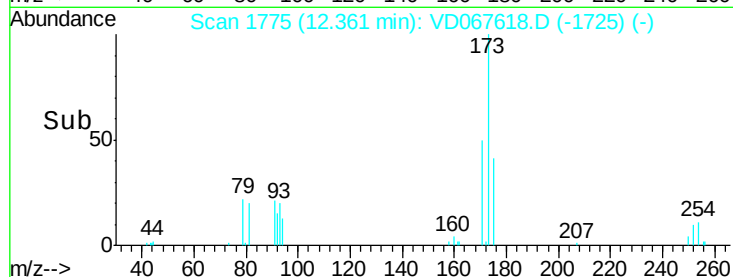
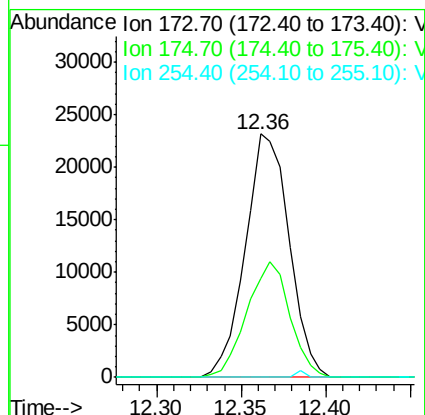
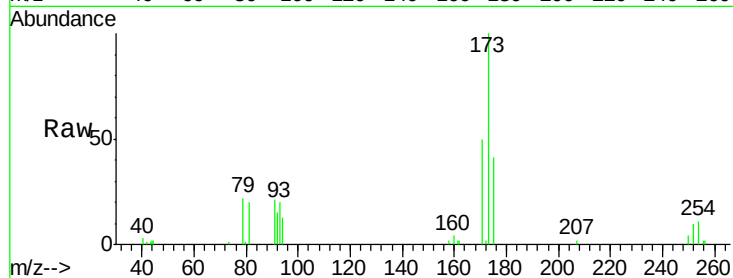
#71
Bromoform
Concen: 23.355 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.1	72.2
254	0.0	0.0	0.0

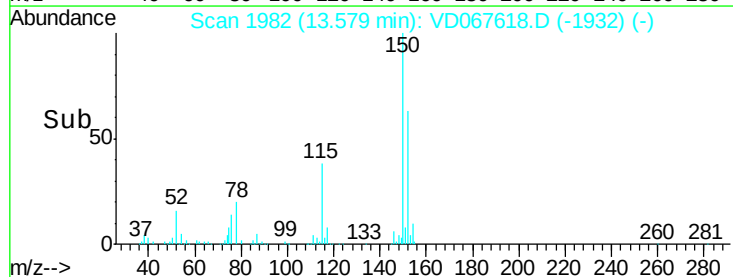
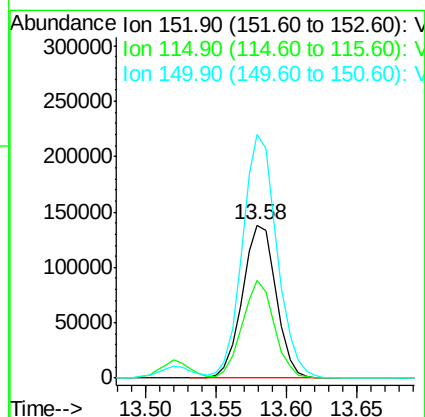
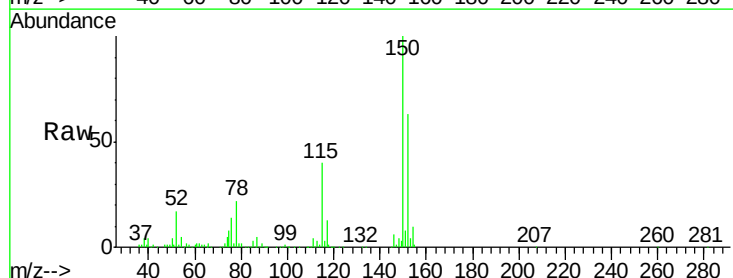
Manual Integrations
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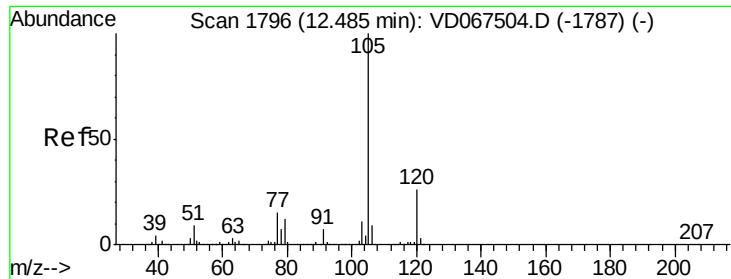
MMDadoda
11/16/2020 2:34:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.3	88.0
150	162.9	0.0	338.2





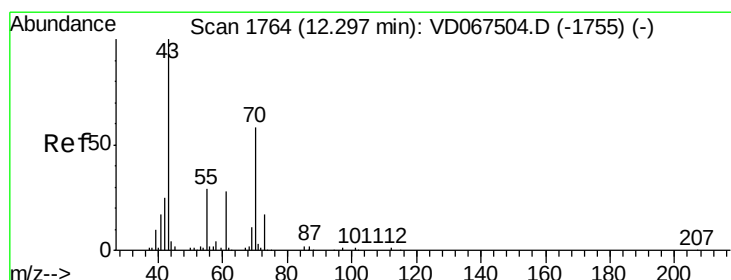
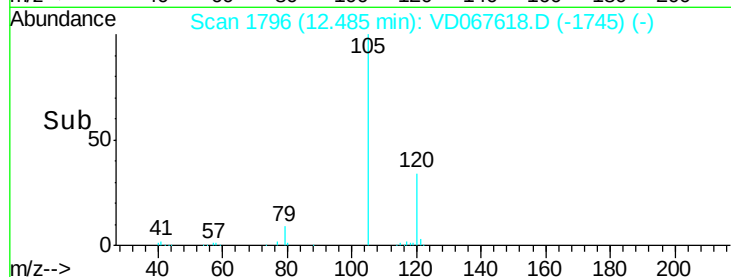
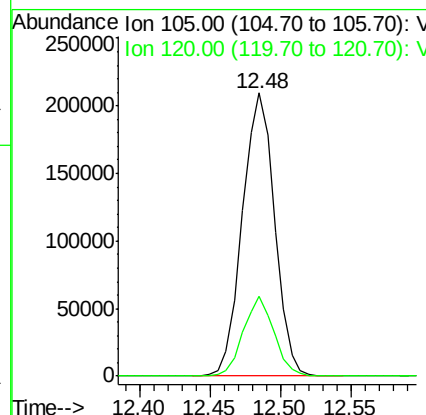
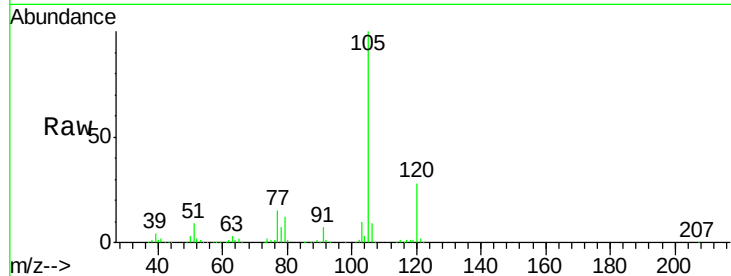
#73
Isopropylbenzene
Concen: 22.425 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

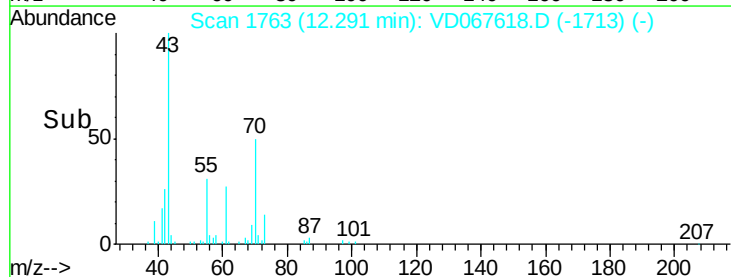
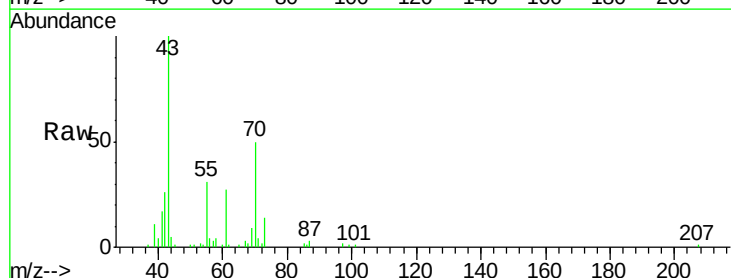
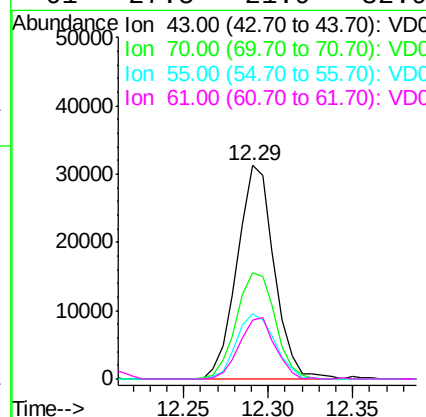
Manual Integrations
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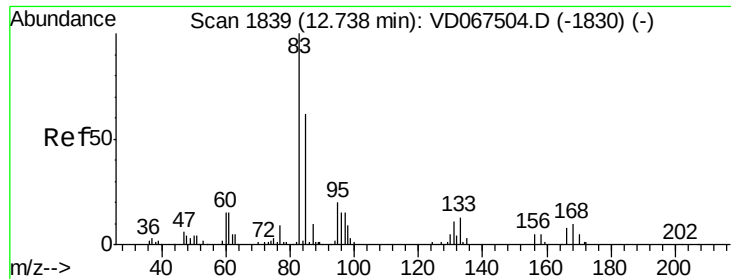
MMDadoda
11/16/2020 2:34:44 PM



#74
N-ethyl acetate
Concen: 24.304 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	52.2	42.6	64.0
55	31.9	23.7	35.5
61	27.5	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.314 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

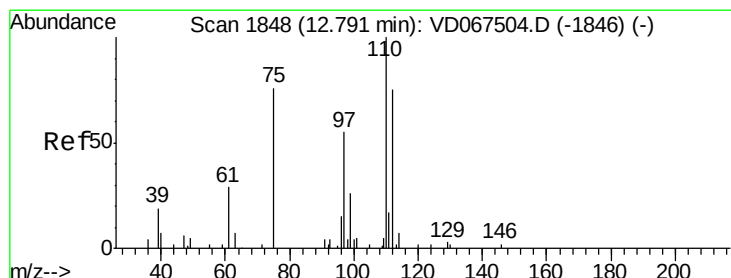
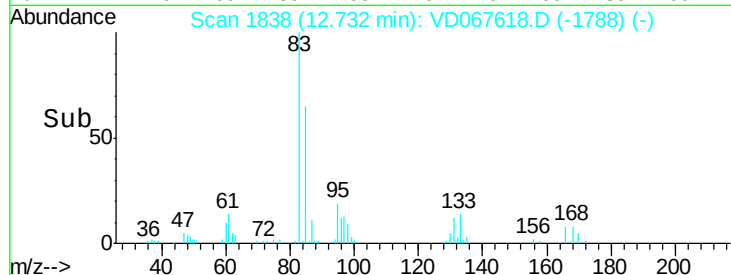
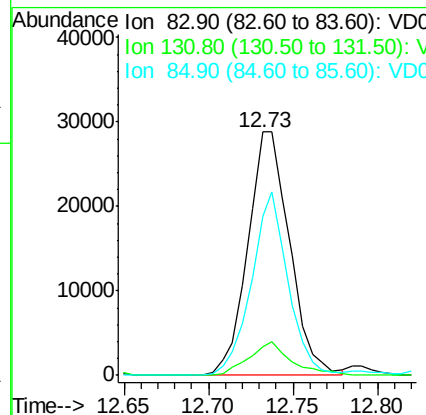
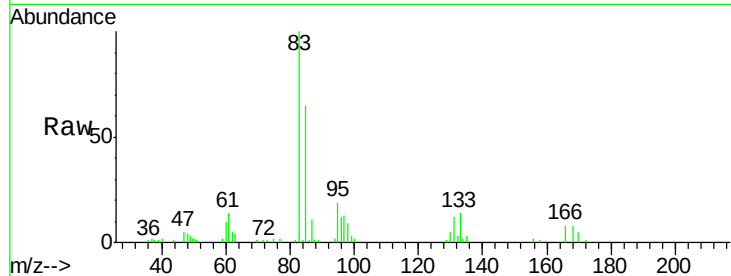
ClientSampleId :

VD1112SBS01

Tot Ion:	83	Resp:	49571
Ion Ratio	Lower	Upper	
83	100		
131	14.1	7.1	21.3
85	66.1	32.9	98.7

Manual Integrations
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11/16/2020 2:34:44 PM



#76

1,2,3-Trichloropropane

Concen: 20.711 ug/l m

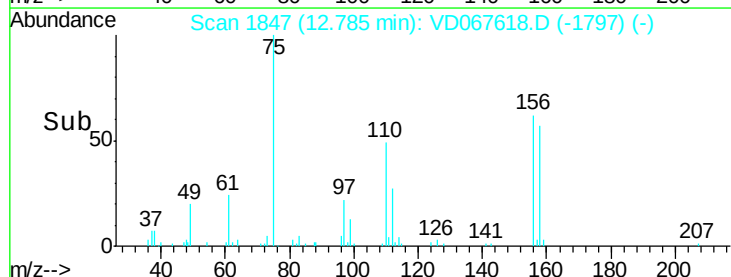
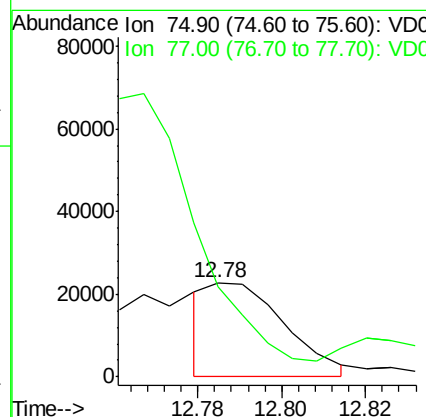
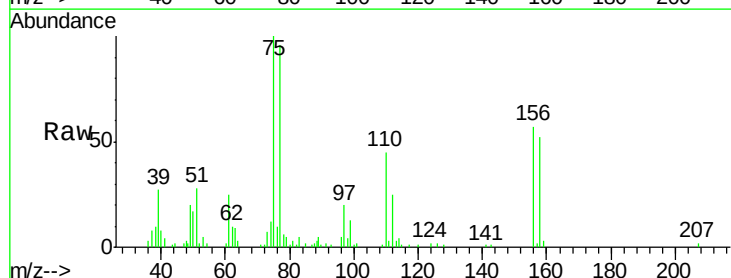
RT: 12.78 min Scan# 1847

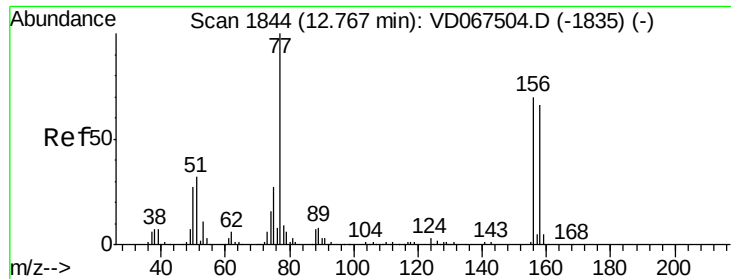
Delta R.T. -0.01 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion:	75	Resp:	28904
Ion Ratio	Lower	Upper	
75	100		
77	453.9	0.0	0.0#





#77

Bromobenzene

Concen: 22.484 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

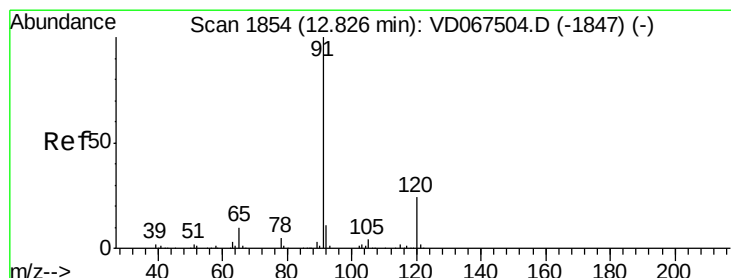
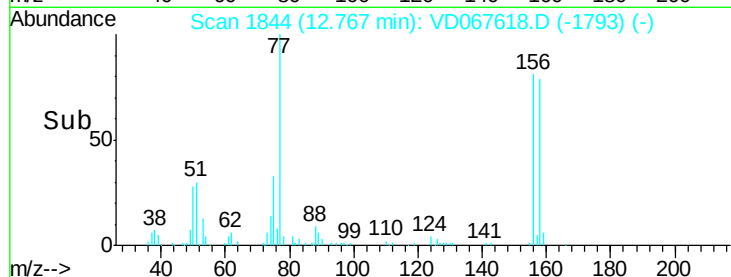
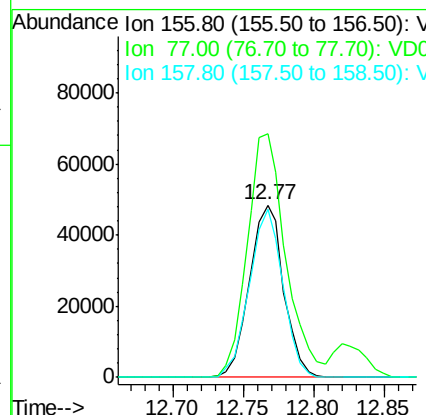
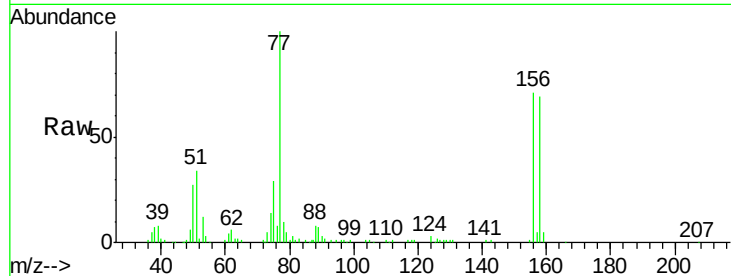
ClientSampleId :

VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.9	77.8	233.5
158	95.7	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 22.087 ug/l

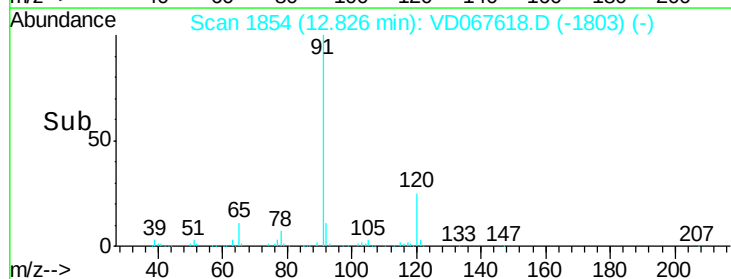
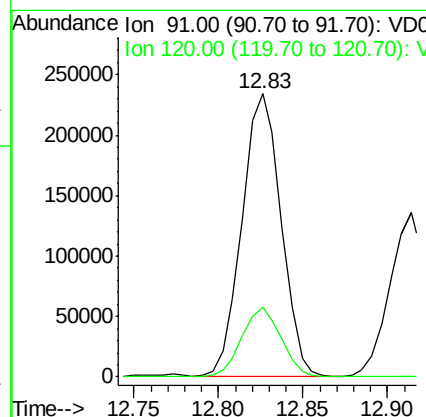
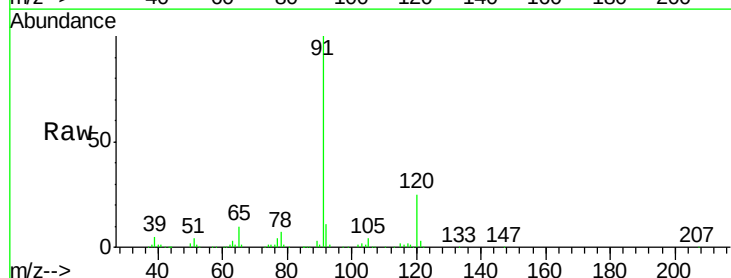
RT: 12.83 min Scan# 1854

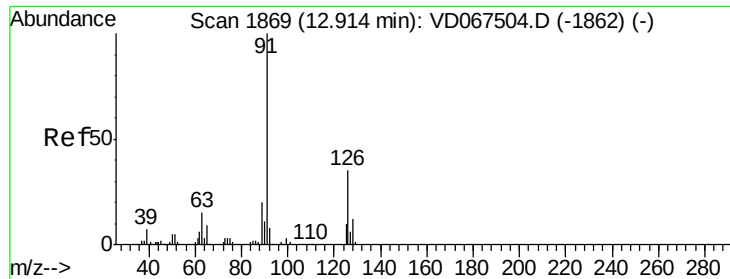
Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.4





#79

2-Chlorotoluene

Concen: 22.475 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion: 91 Resp: 218329

Ion Ratio Lower Upper

91 100

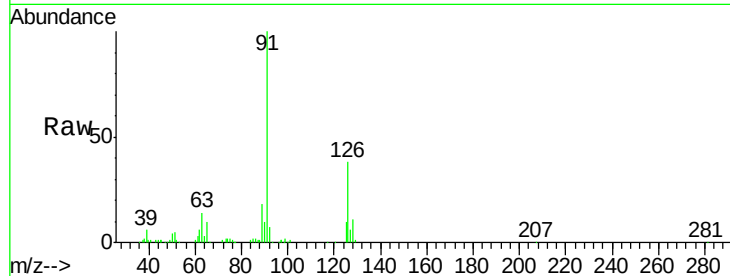
126 36.2 17.8 53.4

Manual Integrations

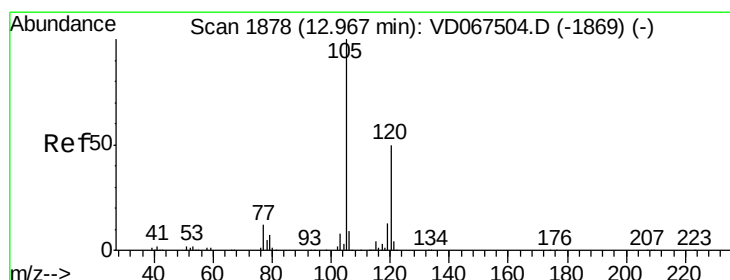
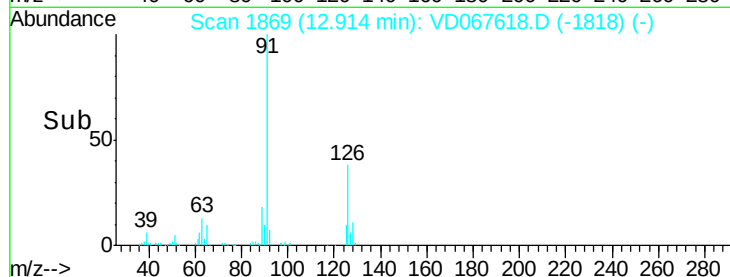
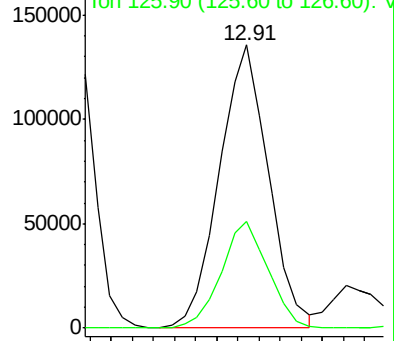
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.647 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067618.D

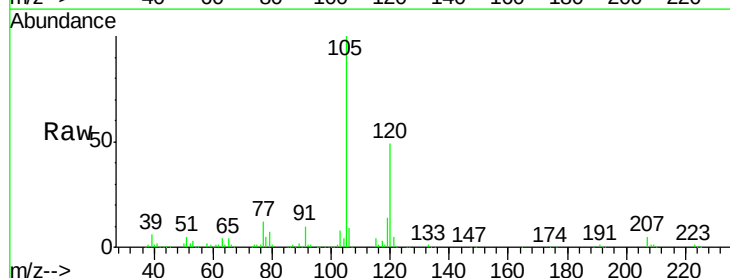
Acq: 12 Nov 2020 12:57

Tgt Ion:105 Resp: 289243

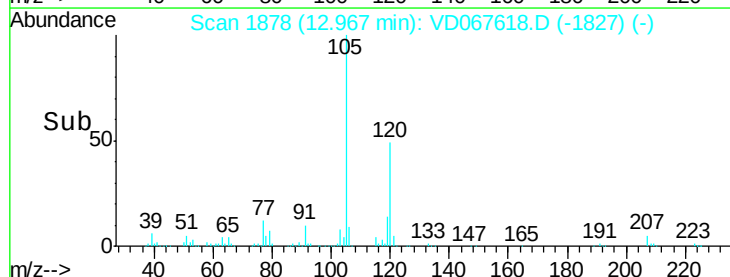
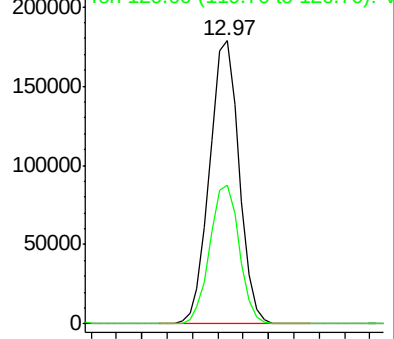
Ion Ratio Lower Upper

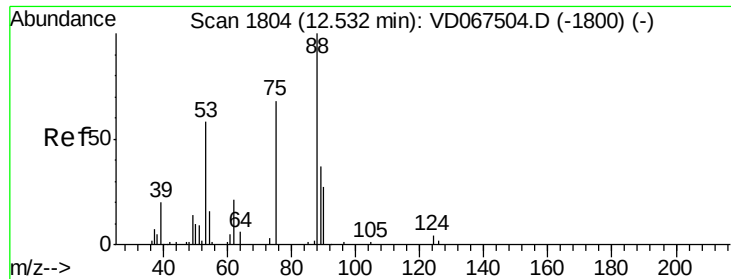
105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





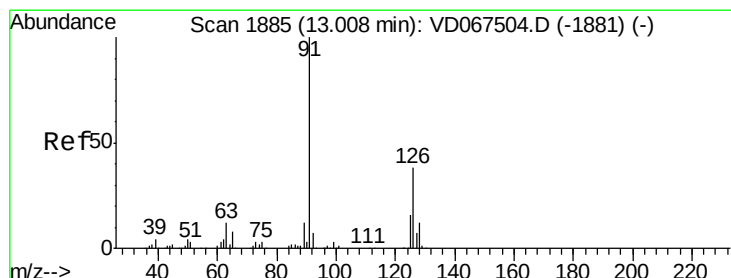
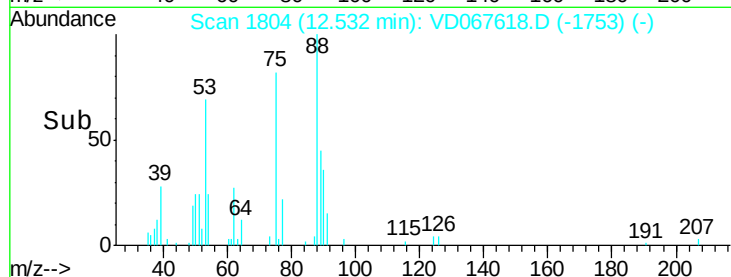
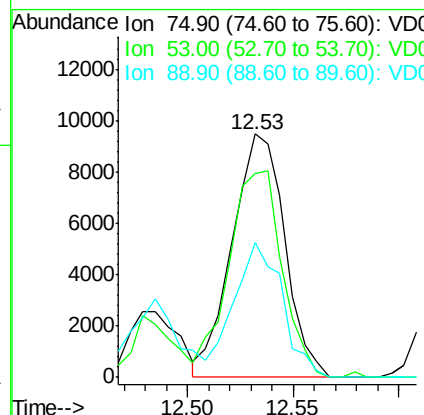
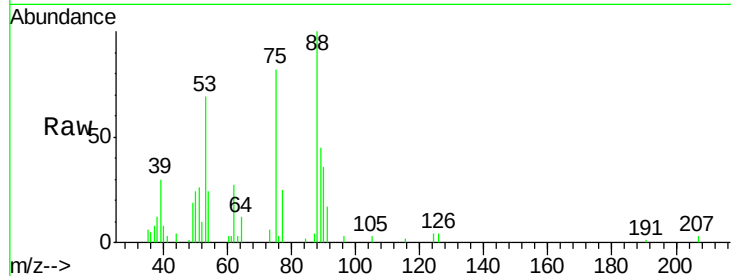
#81
trans-1,4-Dichloro-2-butene
Concen: 23.794 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.0	75.9	113.9
89	51.1	44.6	67.0

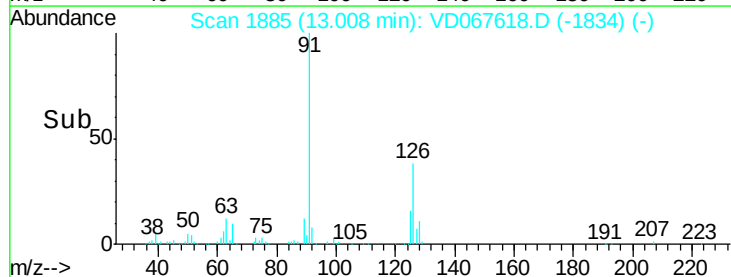
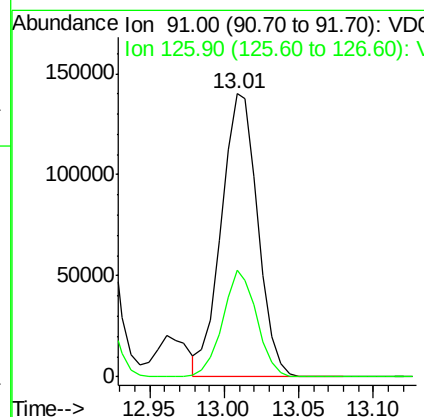
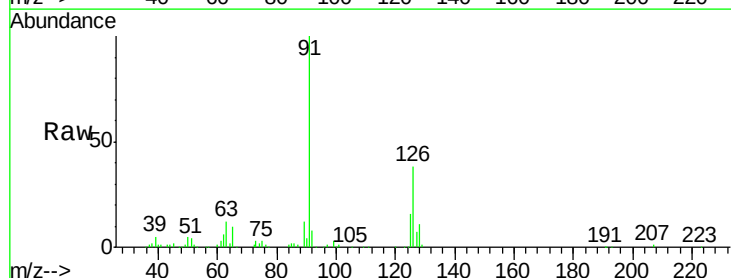
Manual Integrations
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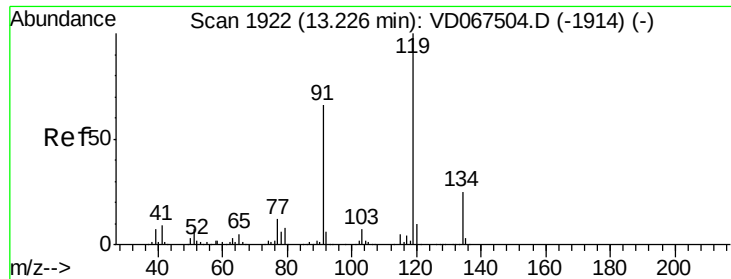
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#82
4-Chlorotoluene
Concen: 22.953 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





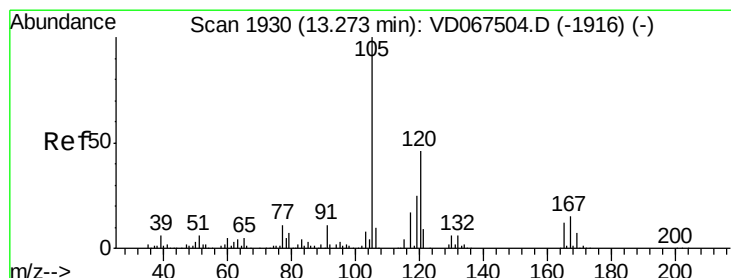
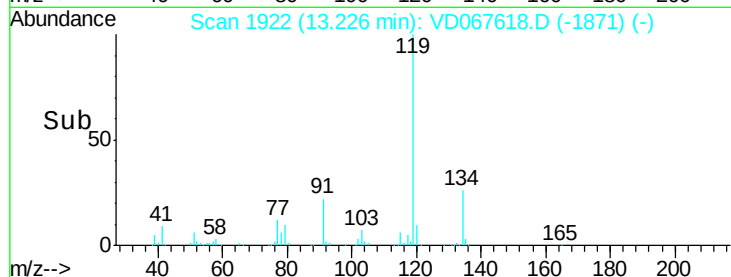
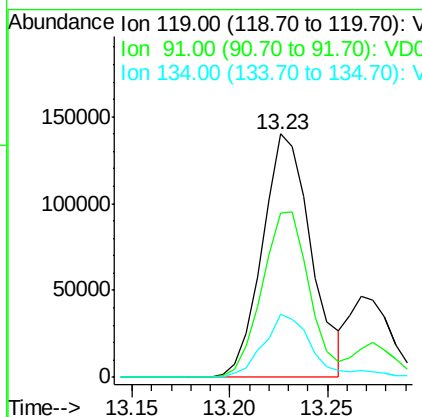
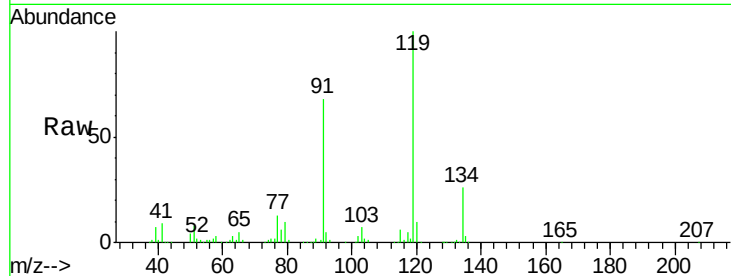
#83
tert-Butylbenzene
Concen: 22.428 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.7	98.1
134	26.1	13.4	40.2

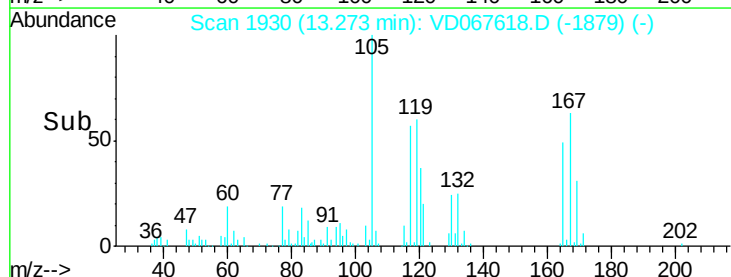
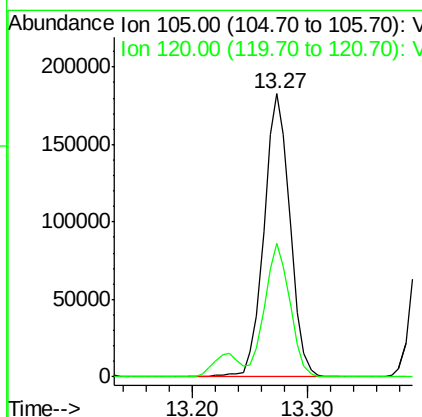
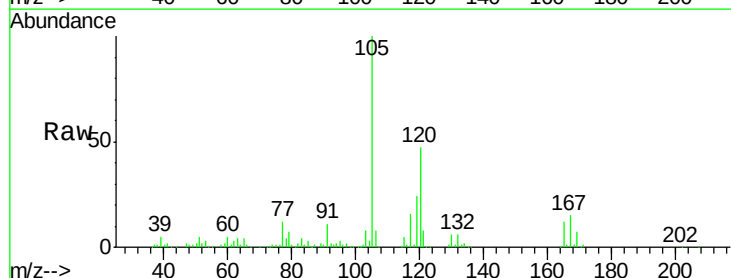
Manual Integrations
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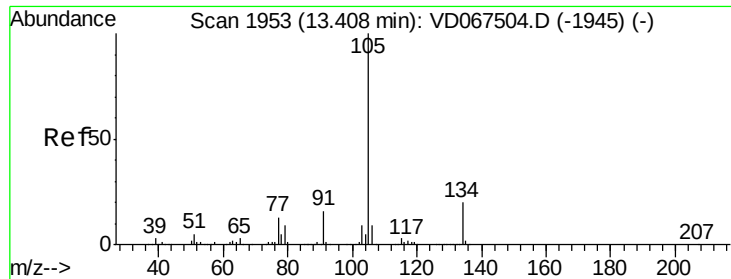
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#84
1,2,4-Trimethylbenzene
Concen: 22.613 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.1	66.1





#85

sec-Butylbenzene

Concen: 22.396 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

VD1112SBS01

Tot Ion:105 Resp: 327257

Ion Ratio Lower Upper

105 100

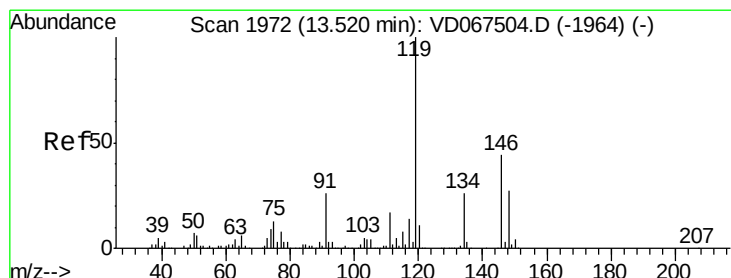
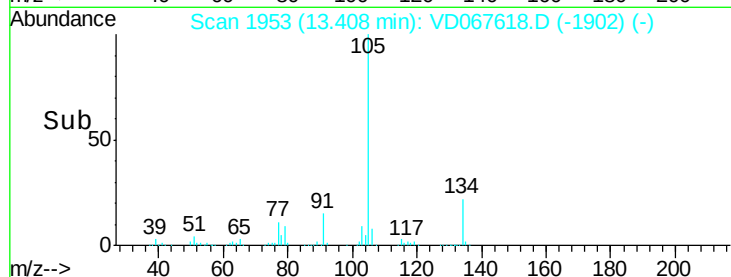
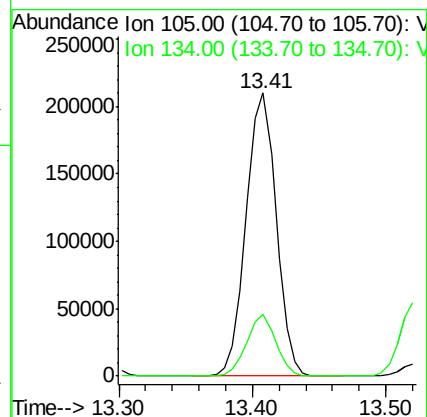
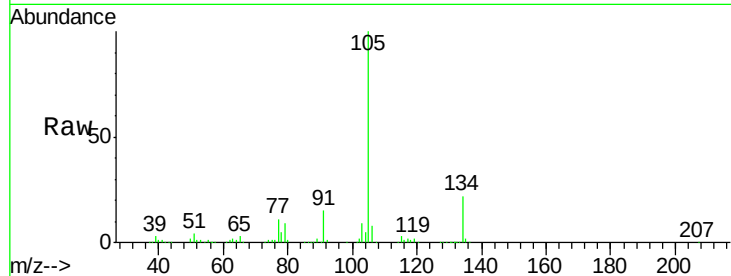
134 21.4 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.183 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067618.D

Acq: 12 Nov 2020 12:57

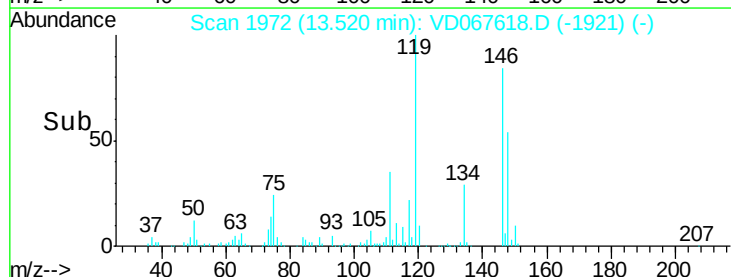
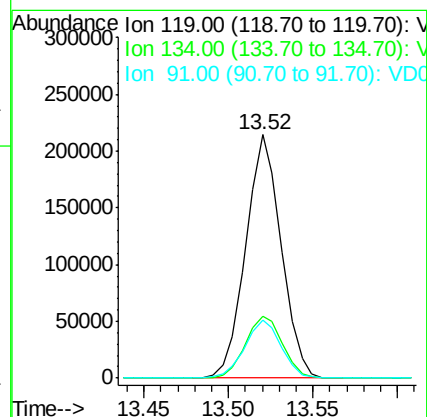
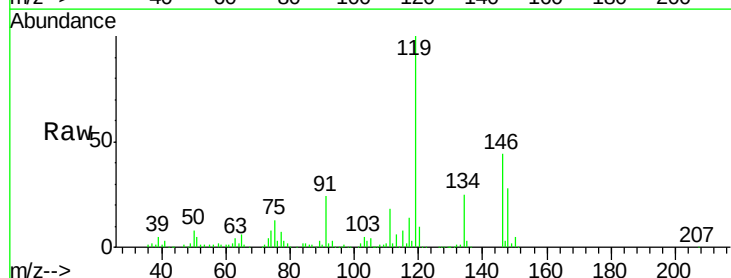
Tgt Ion:119 Resp: 313020

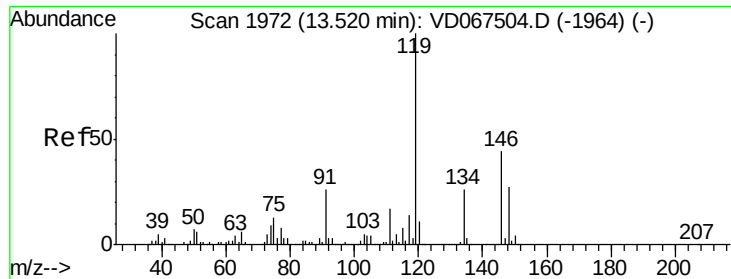
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.4 12.2 36.4





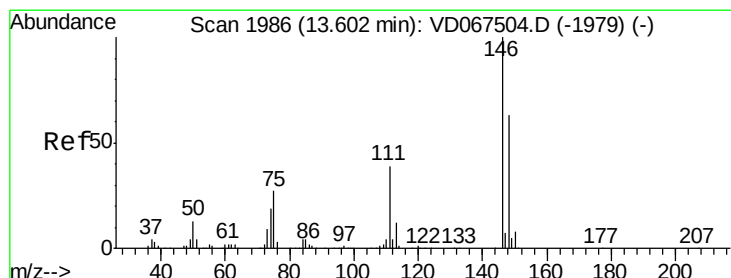
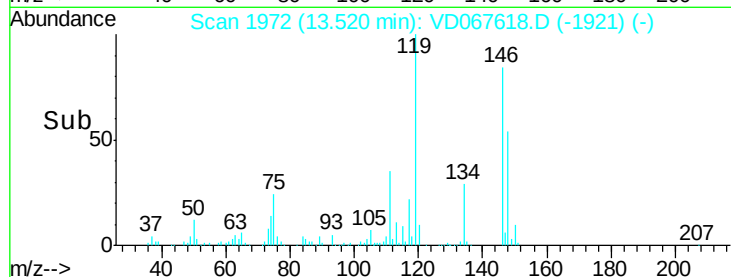
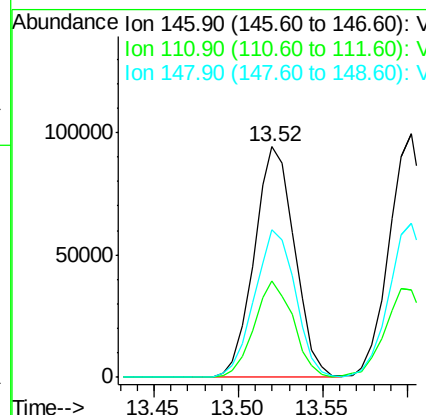
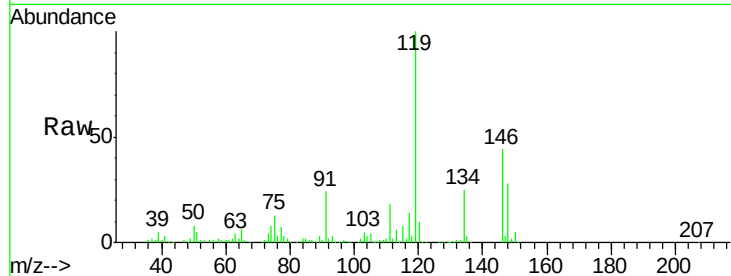
#87
 1,3-Dichlorobenzene
 Concen: 22.305 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	65.0	31.9	95.9

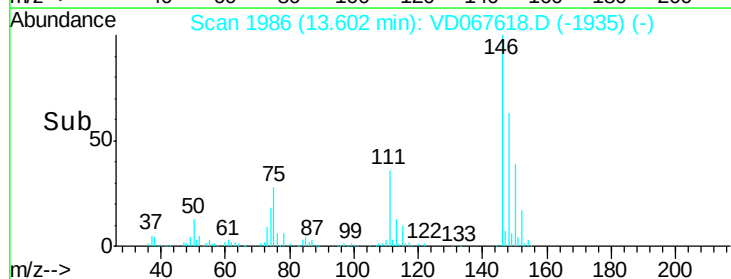
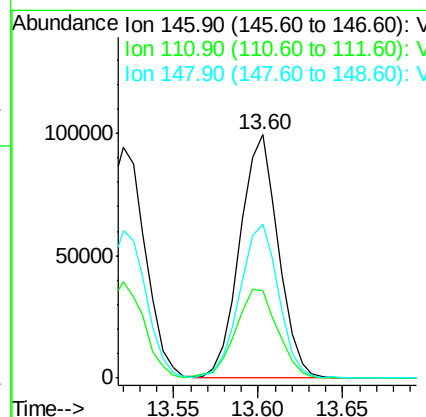
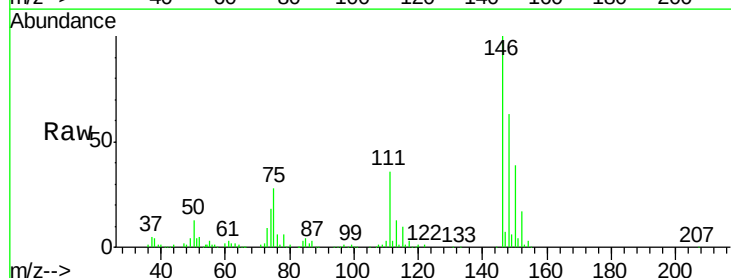
Manual Integrations
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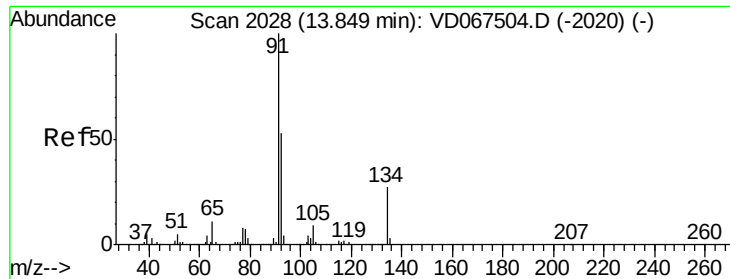
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#88
 1,4-Dichlorobenzene
 Concen: 22.189 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.4	31.8	95.4





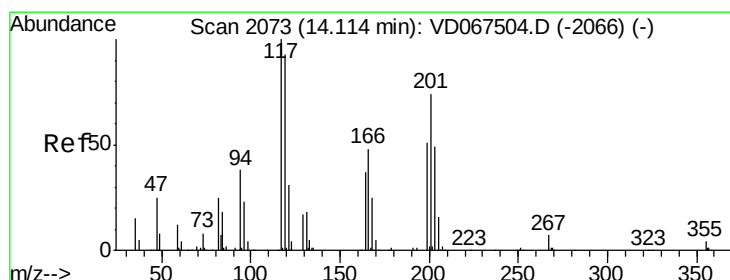
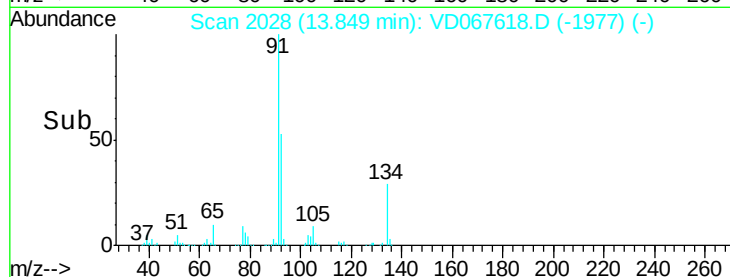
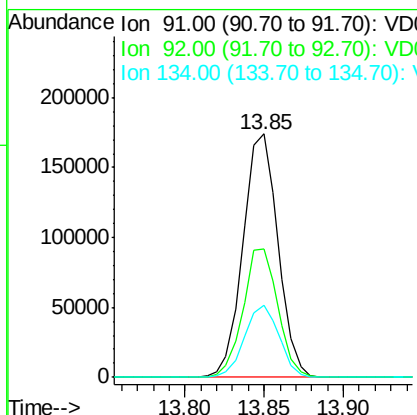
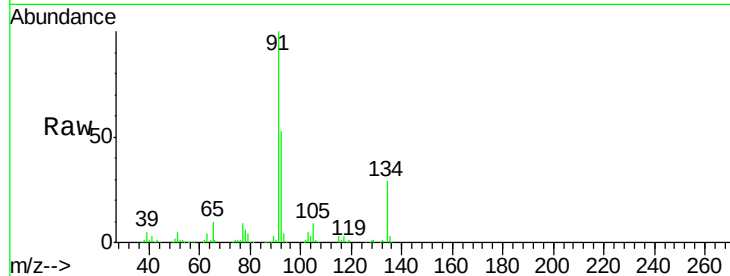
#89
n-Butylbenzene
Concen: 21.946 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	29.3	14.1	42.2

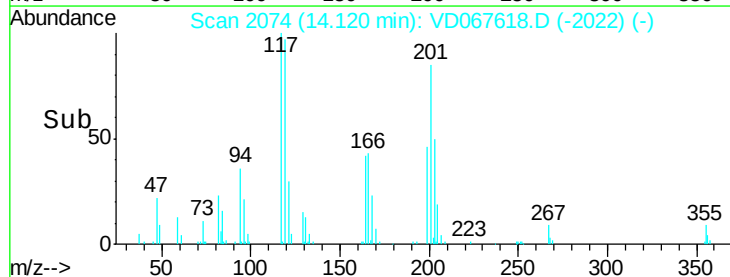
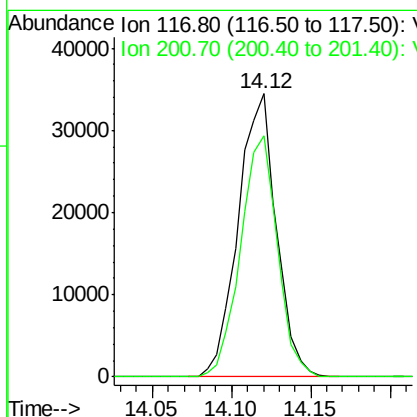
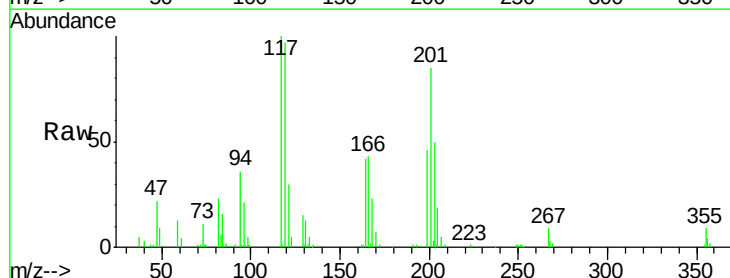
Manual Integrations
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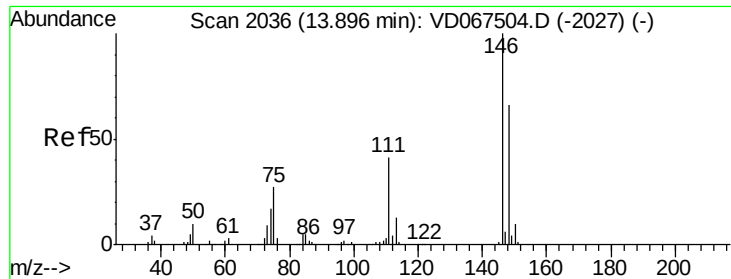
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#90
Hexachloroethane
Concen: 21.652 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	40.7	122.1





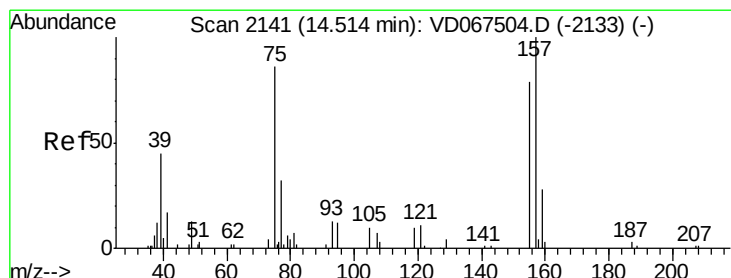
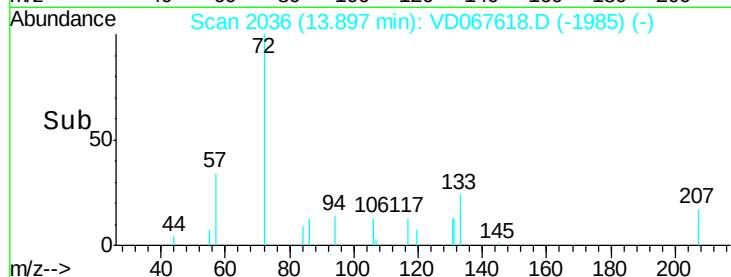
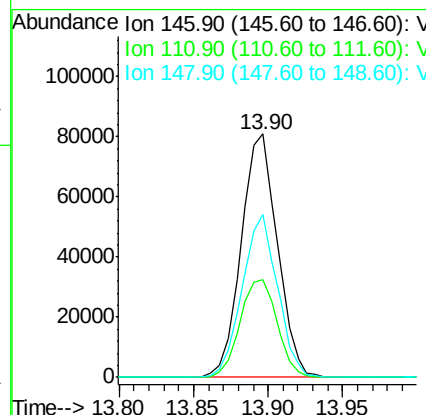
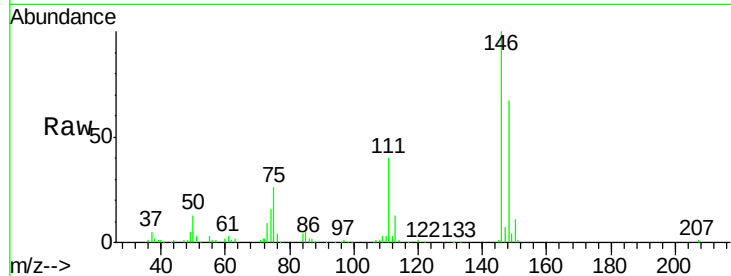
#91
 1,2-Dichlorobenzene
 Concen: 22.409 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	65.1	31.5	94.5

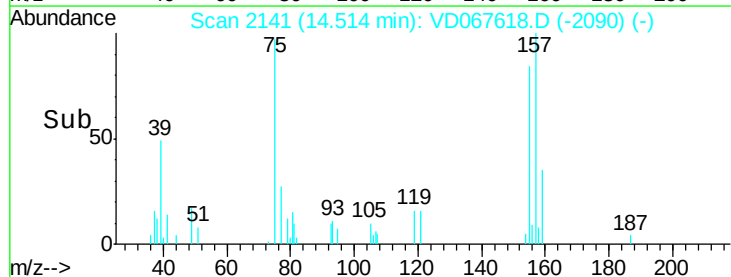
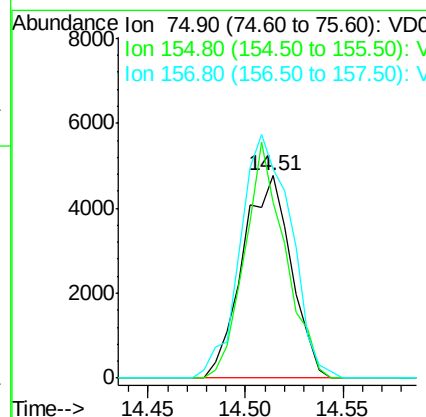
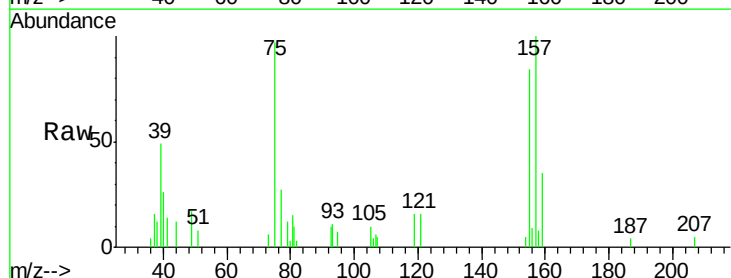
Manual Integrations
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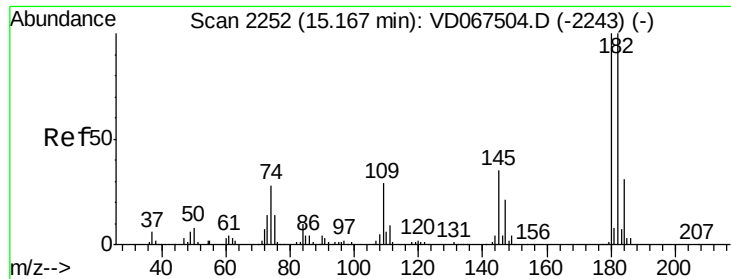
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 11/16/2020 2:34:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.802 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067618.D
 Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	46.6	139.8
157	125.3	58.1	174.2





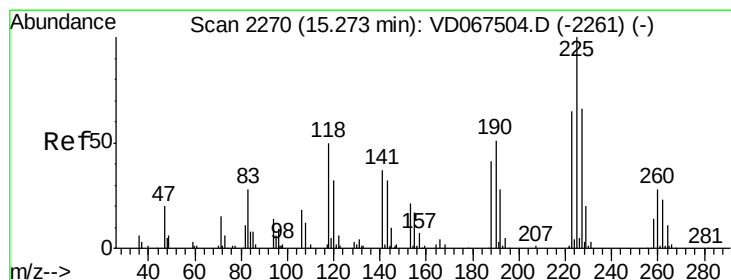
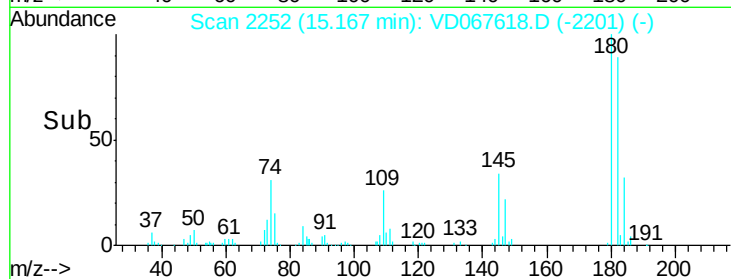
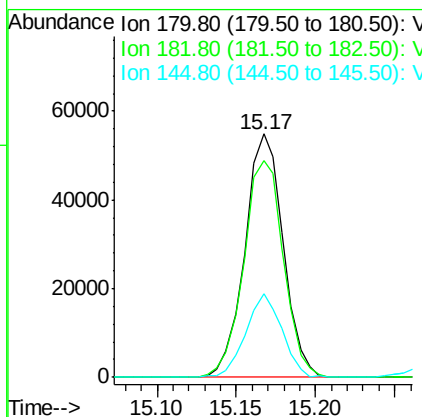
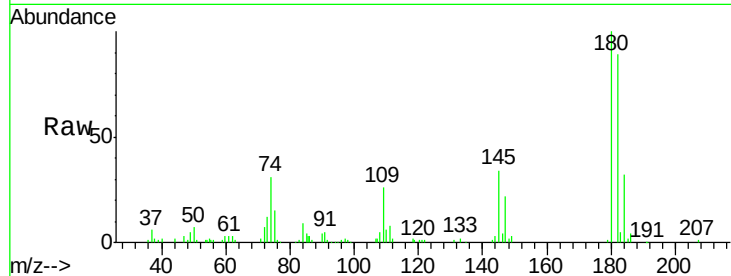
#93
1,2,4-Trichlorobenzene
Concen: 22.363 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.4	142.3
145	32.6	16.2	48.6

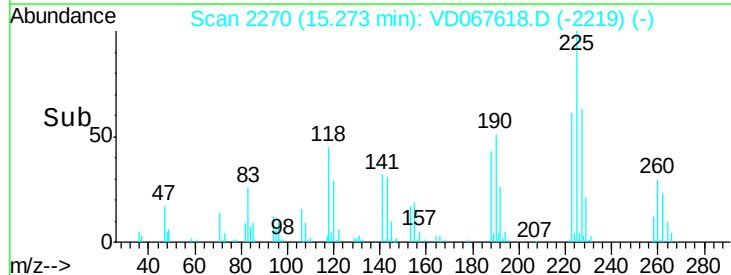
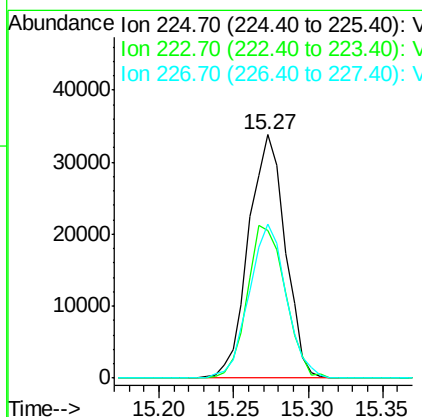
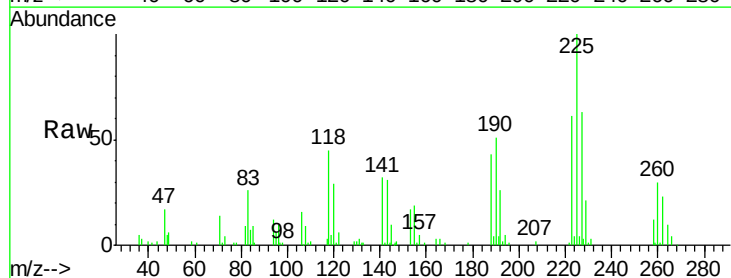
Manual Integrations
APPROVED

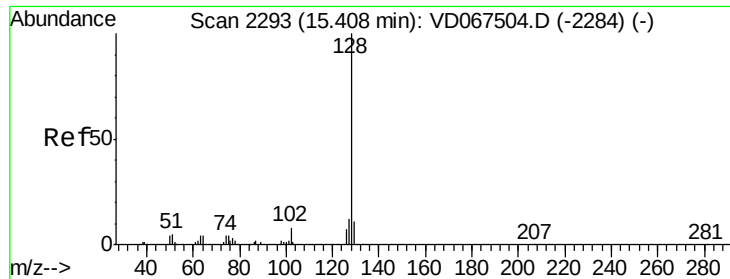
MMDadoda
11/16/2020 2:34:44 PM



#94
Hexachlorobutadiene
Concen: 20.812 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.9	95.5
227	64.2	32.5	97.4





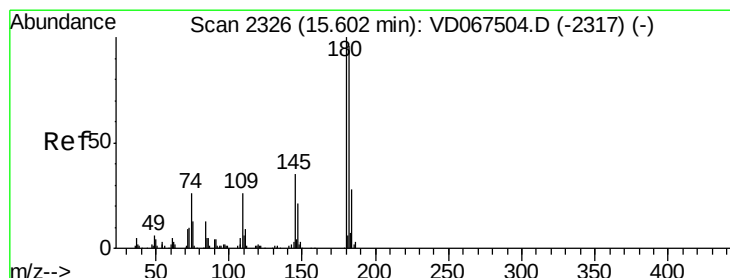
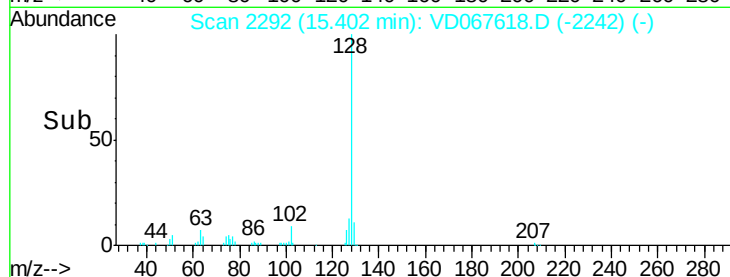
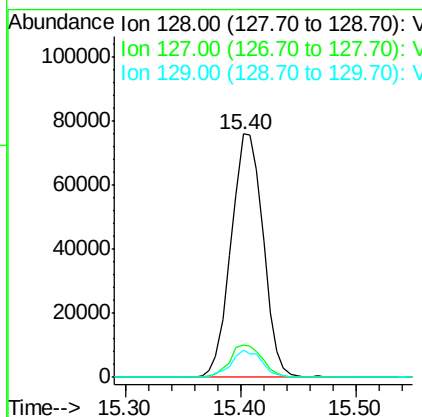
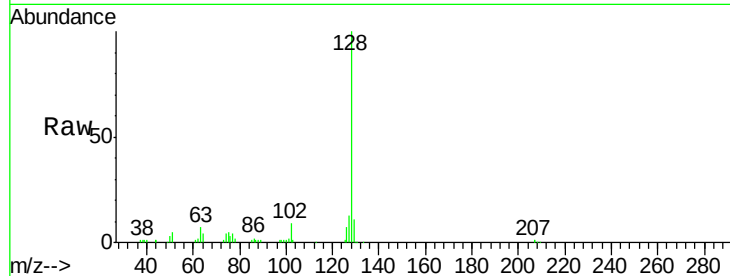
#95
Naphthalene
Concen: 23.036 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/16/2020 2:34:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.544 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067618.D
Acq: 12 Nov 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	46.9	140.8
145	33.9	17.1	51.2

