

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067783.D
 Acq On : 25 Nov 2020 13:27
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:58:58 AM

Quant Time: Nov 26 01:59:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	357196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	331764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	132713	54.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.80%
35) Dibromofluoromethane	7.91	113	120894	53.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.36%
50) Toluene-d8	10.34	98	453402	54.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.10%
62) 4-Bromofluorobenzene	12.64	95	158675	55.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40641	18.785	ug/l	95
3) Chloromethane	2.21	50	27426	22.770	ug/l	91
4) Vinyl Chloride	2.35	62	31603	20.939	ug/l	95
5) Bromomethane	2.76	94	30801	23.953	ug/l	96
6) Chloroethane	2.92	64	20986	20.863	ug/l	98
7) Trichlorofluoromethane	3.27	101	96078	20.861	ug/l	100
8) Diethyl Ether	3.71	74	19268	20.721	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	44675	20.257	ug/l	98
10) Methyl Iodide	4.30	142	42907	19.007	ug/l	98
11) Tert butyl alcohol	5.20	59	18488m	124.548	ug/l	
12) 1,1-Dichloroethene	4.07	96	41897	20.530	ug/l	94
13) Acrolein	3.93	56	9556	95.375	ug/l	89
14) Allyl chloride	4.71	41	41417	20.995	ug/l	98
15) Acrylonitrile	5.42	53	31899	98.494	ug/l	94
16) Acetone	4.16	43	29854	95.600	ug/l	93
17) Carbon Disulfide	4.41	76	122607	20.772	ug/l	96
18) Methyl Acetate	4.71	43	12349	19.656	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	90355	20.717	ug/l #	91
20) Methylene Chloride	4.96	84	53443	17.975	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	49867	21.493	ug/l	90
22) Diisopropyl ether	6.37	45	83435	21.427	ug/l	94
23) Vinyl Acetate	6.30	43	223081	101.559	ug/l	97
24) 1,1-Dichloroethane	6.27	63	73381	22.227	ug/l	95
25) 2-Butanone	7.21	43	32592	93.007	ug/l	93
26) 2,2-Dichloropropane	7.21	77	80381	20.638	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	54783	22.152	ug/l	96
28) Bromochloromethane	7.55	49	21165	20.014	ug/l	98
29) Tetrahydrofuran	7.57	42	19421	97.477	ug/l	91
30) Chloroform	7.71	83	93436	21.643	ug/l	94
31) Cyclohexane	7.98	56	59524	20.351	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	97010	21.218	ug/l	99
36) 1,1-Dichloropropene	8.11	75	63133	20.597	ug/l	97
37) Ethyl Acetate	7.29	43	16501	20.021	ug/l #	94
38) Carbon Tetrachloride	8.10	117	91841	20.671	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	76781	21.167	ug/l	96
40) Benzene	8.36	78	184004	21.858	ug/l	98
41) Methacrylonitrile	7.52	41	9633	22.889	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	61855	21.655	ug/l	100
43) Isopropyl Acetate	8.45	43	32860	19.964	ug/l	97
44) Trichloroethene	9.11	130	60711	21.760	ug/l	99
45) 1,2-Dichloropropane	9.39	63	37236	21.557	ug/l	97
46) Dibromomethane	9.48	93	24450	20.791	ug/l	96
47) Bromodichloromethane	9.67	83	69837	21.326	ug/l #	89
48) Methyl methacrylate	9.46	41	16187	19.671	ug/l	97
49) 1,4-Dioxane	9.46	88	4786	375.531	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	78437	101.274	ug/l	98
52) Toluene	10.41	92	128573	22.514	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	59967	20.960	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	68846	21.263	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	33394	21.163	ug/l	96
56) Ethyl methacrylate	10.67	69	33204	20.325	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52890	21.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	72608	95.122	ug/l	100
59) 2-Hexanone	10.98	43	53959	98.678	ug/l	97
60) Dibromochloromethane	11.14	129	52286	21.745	ug/l	99
61) 1,2-Dibromoethane	11.25	107	33289	21.411	ug/l	100
64) Tetrachloroethene	10.88	164	55590	21.589	ug/l	92
65) Chlorobenzene	11.67	112	142571	21.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	58282	22.097	ug/l	98
67) Ethyl Benzene	11.75	91	242876	21.576	ug/l	94
68) m/p-Xylenes	11.86	106	192650	43.978	ug/l	100
69) o-Xylene	12.18	106	87279	21.883	ug/l	98
70) Styrene	12.20	104	150010	22.081	ug/l	98
71) Bromoform	12.36	173	29610	20.680	ug/l #	98
73) Isopropylbenzene	12.48	105	241830	21.890	ug/l	98
74) N-amyl acetate	12.29	43	28377	19.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	29252	19.730	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	23370m	19.971	ug/l	
77) Bromobenzene	12.76	156	59020	21.342	ug/l	99
78) n-propylbenzene	12.82	91	277255	22.558	ug/l	98
79) 2-Chlorotoluene	12.91	91	158157	21.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	211430	22.004	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10154	20.295	ug/l	92
82) 4-Chlorotoluene	13.01	91	171041	22.059	ug/l	100
83) tert-Butylbenzene	13.23	119	179643	21.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	213021	22.193	ug/l	99
85) sec-Butylbenzene	13.40	105	238018	21.943	ug/l	100
86) p-Isopropyltoluene	13.52	119	235837	22.447	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	113625	21.230	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	114429	21.583	ug/l	98
89) n-Butylbenzene	13.84	91	194342	21.586	ug/l	99
90) Hexachloroethane	14.11	117	41783	20.891	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	102633	22.261	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6339	19.831	ug/l	91

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD1125SBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65676	20.118	ug/l	97
94) Hexachlorobutadiene	15.27	225	44157	21.170	ug/l	97
95) Naphthalene	15.40	128	102255	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	58026	20.867	ug/l	99

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

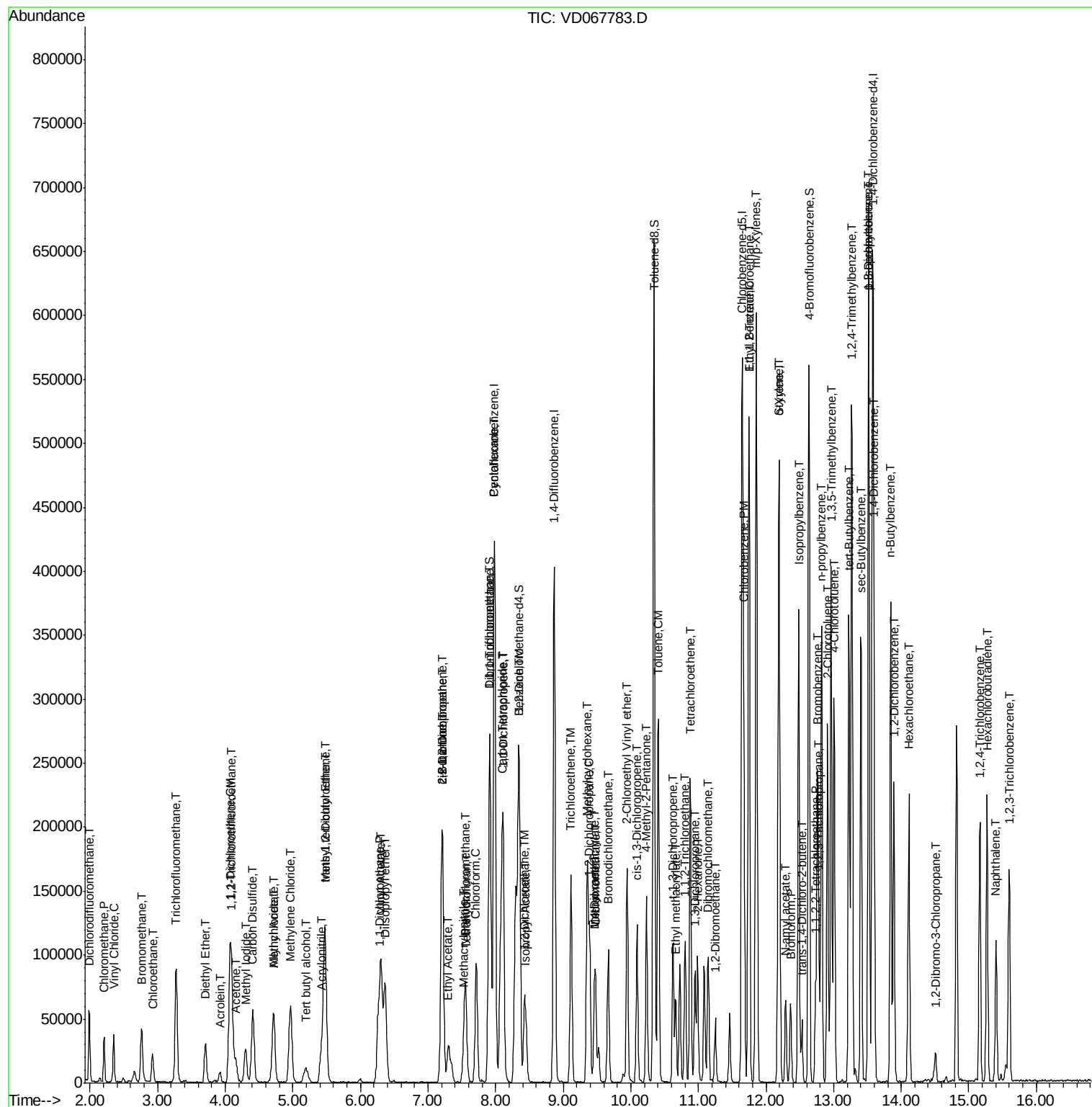
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 Data File : VD067783.D
 Acq On : 25 Nov 2020 13:27
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

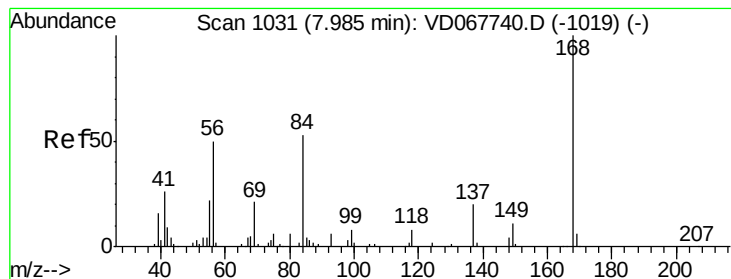
Instrument :
 MSVOA_D
 Client Sample Id :
 VD1125SBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion:168 Resp: 248610

Ion Ratio Lower Upper

168 100

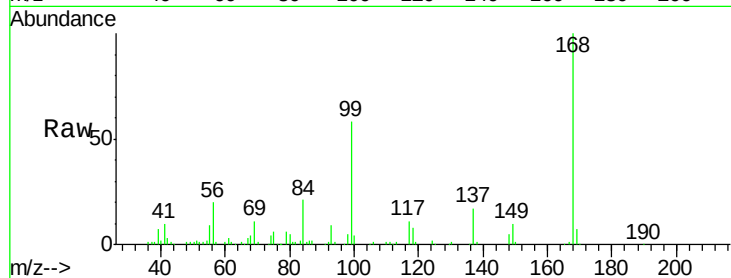
99 57.6 43.8 65.8

Manual Integrations

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11/30/2020 9:58:58 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

40000

20000

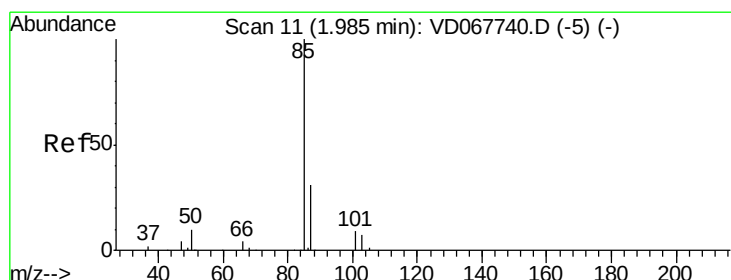
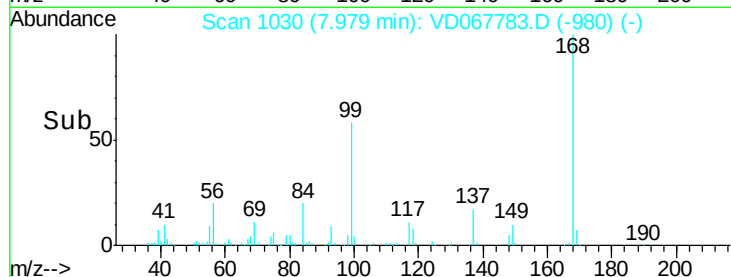
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.785 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067783.D

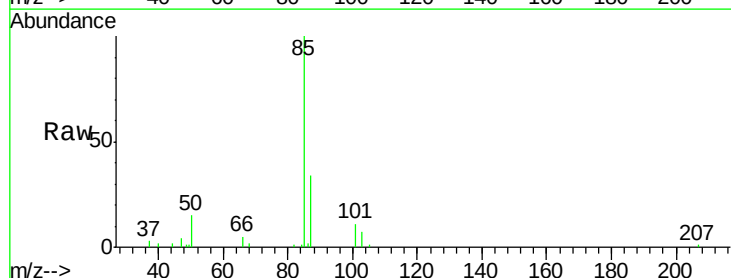
Acq: 25 Nov 2020 13:27

Tgt Ion: 85 Resp: 40641

Ion Ratio Lower Upper

85 100

87 33.9 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

20000

10000

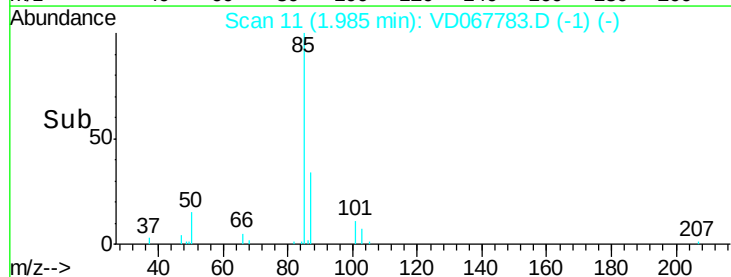
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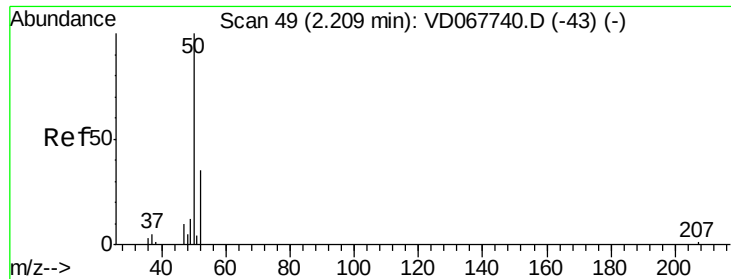
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 22.770 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 50 Resp: 27426

Ion Ratio Lower Upper

50 100

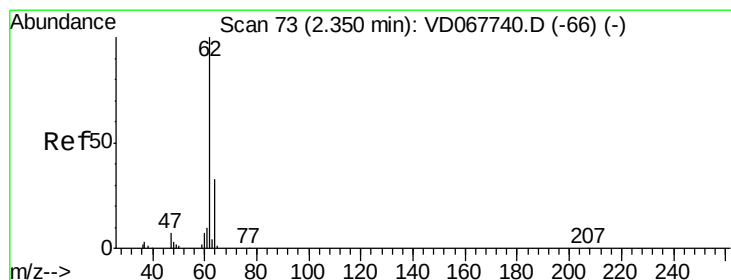
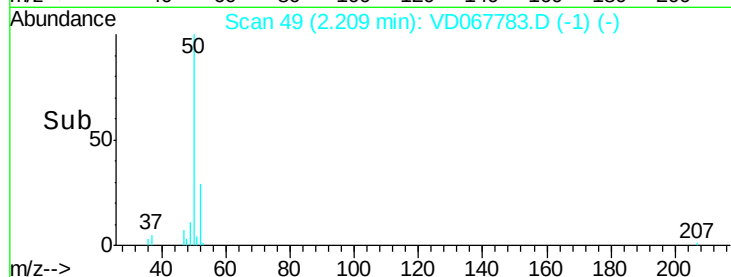
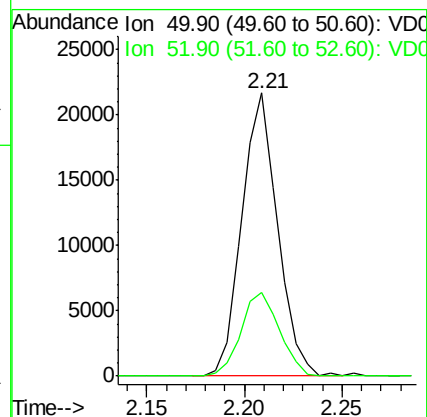
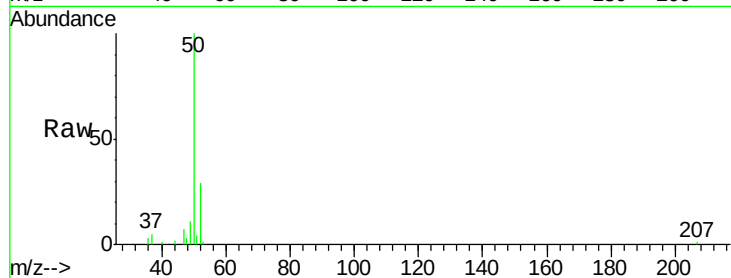
52 29.3 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.939 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067783.D

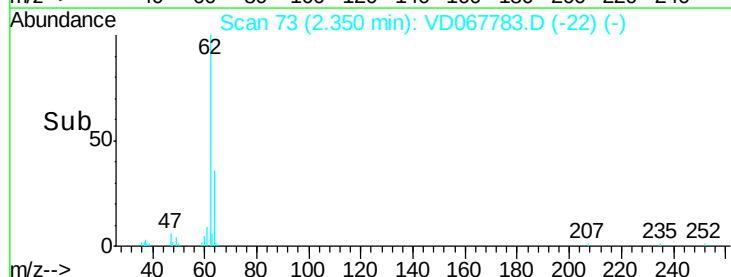
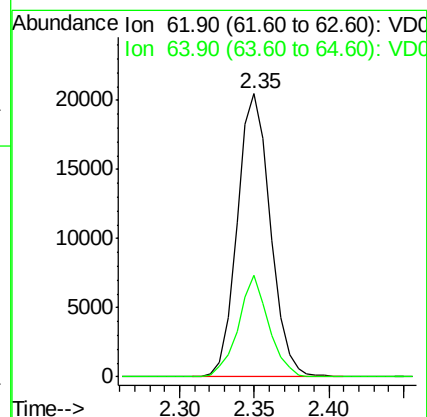
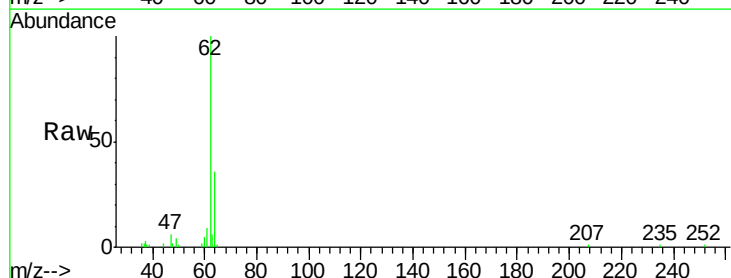
Acq: 25 Nov 2020 13:27

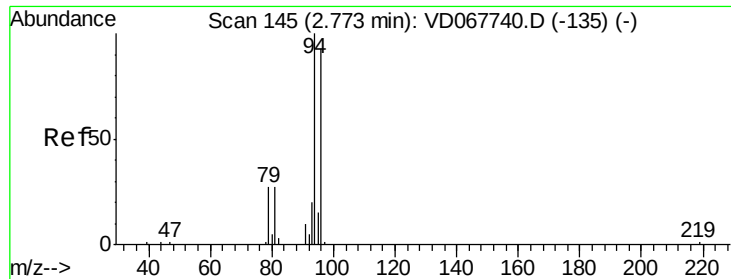
Tgt Ion: 62 Resp: 31603

Ion Ratio Lower Upper

62 100

64 36.0 26.6 40.0





#5

Bromomethane

Concen: 23.953 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 94 Resp: 30801

Ion Ratio Lower Upper

94 100

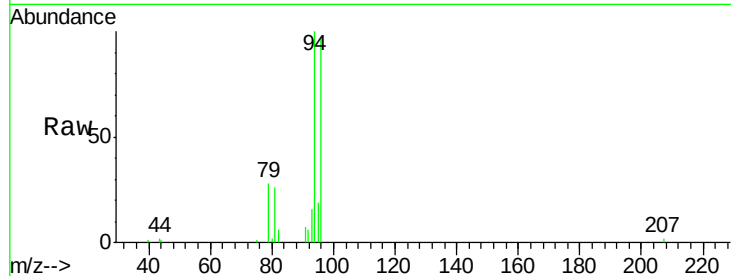
96 96.8 74.0 111.0

Manual Integrations

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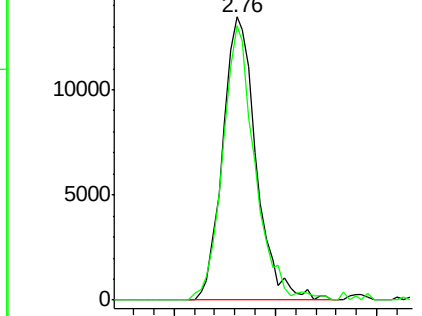
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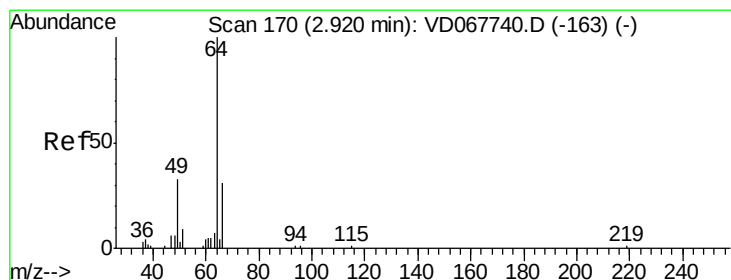
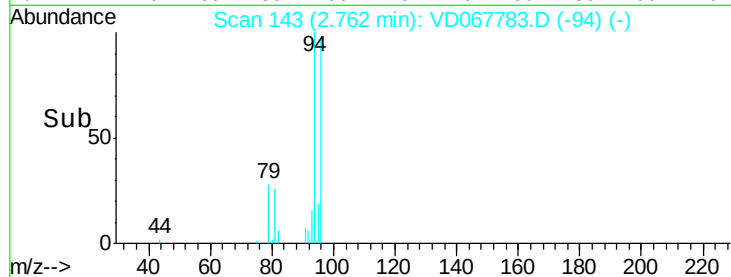


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 20.863 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067783.D

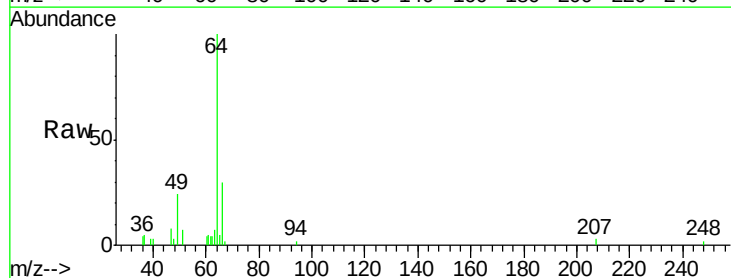
Acq: 25 Nov 2020 13:27

Tgt Ion: 64 Resp: 20986

Ion Ratio Lower Upper

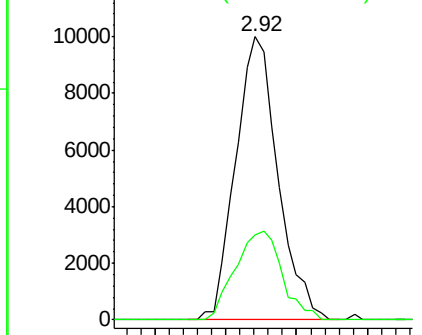
64 100

66 30.2 25.1 37.7

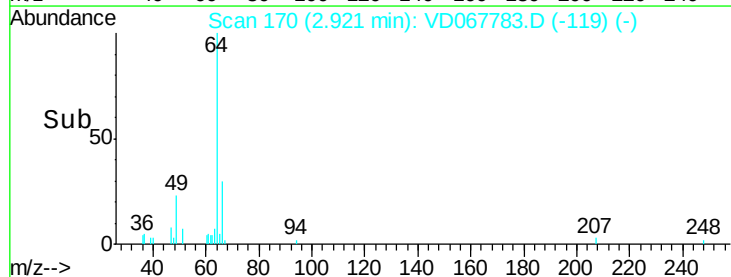


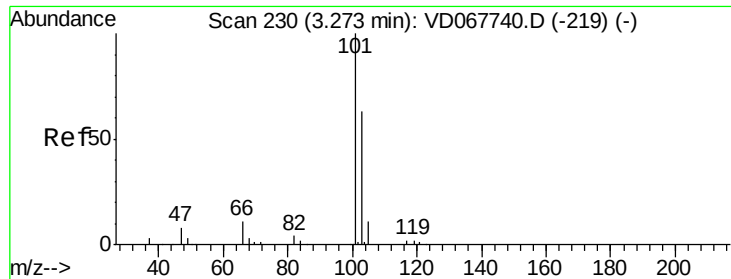
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

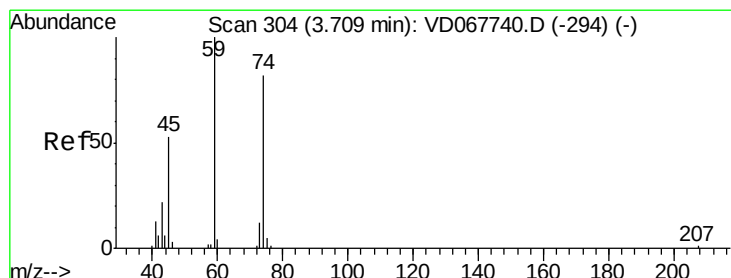
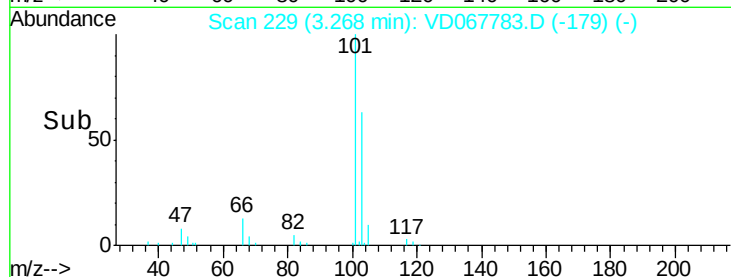
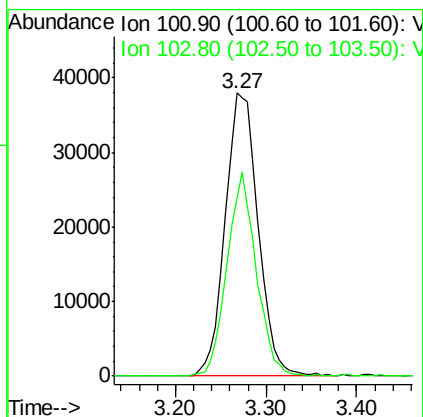
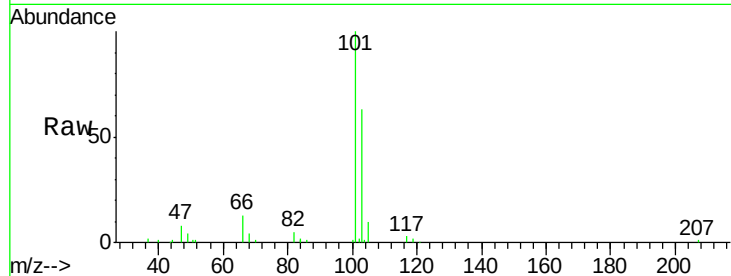
Trichlorofluoromethane
 Concen: 20.861 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.3	75.5

Manual Integrations
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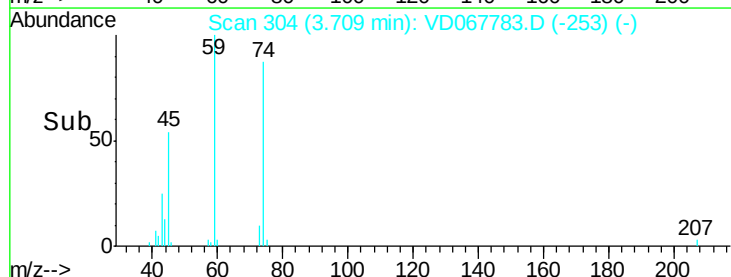
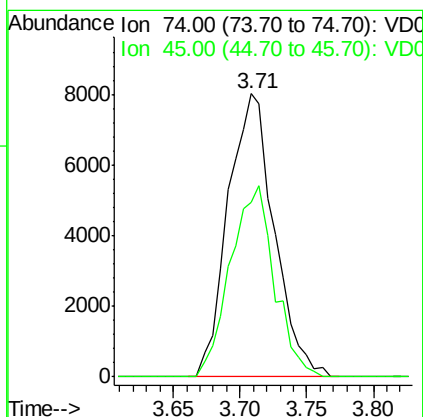
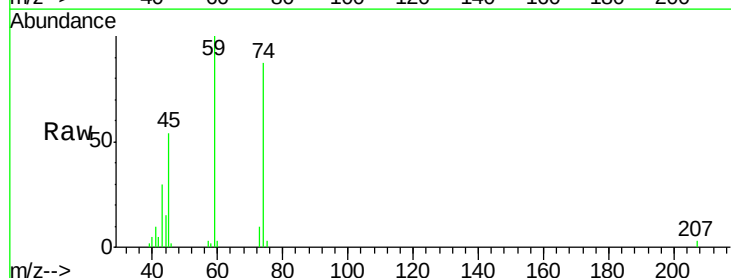
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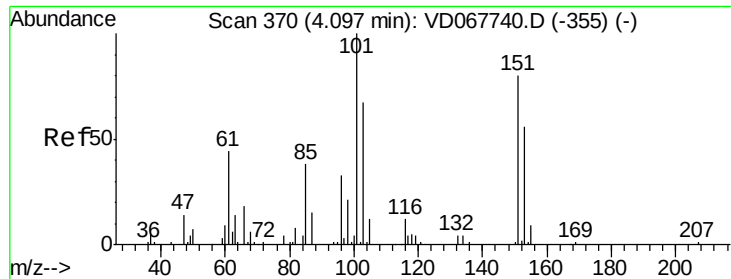


#8

Diethyl Ether
 Concen: 20.721 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	64.3	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.257 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

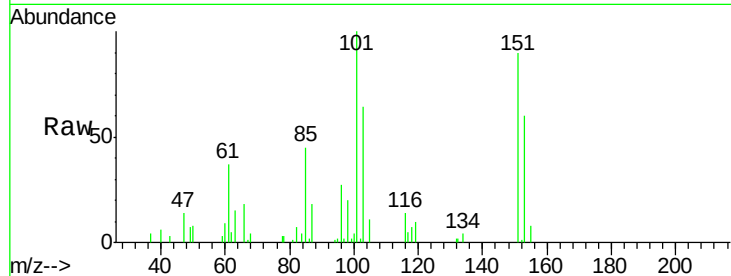
ClientSampleId :

VD1125SBS01

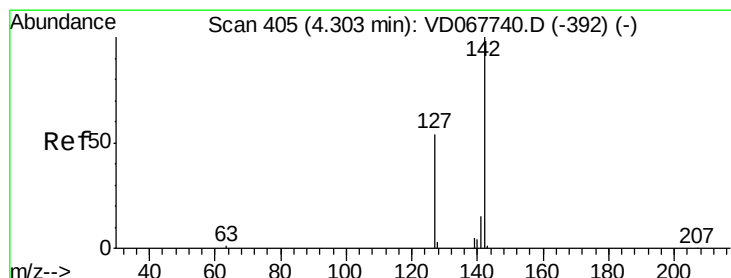
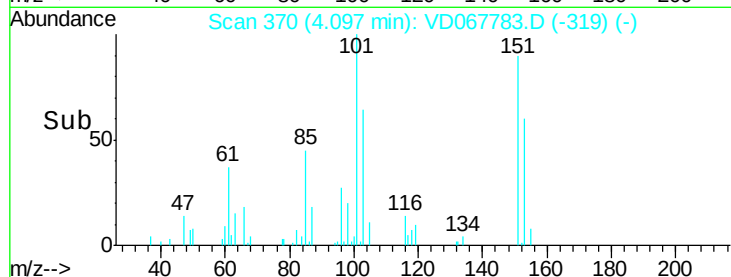
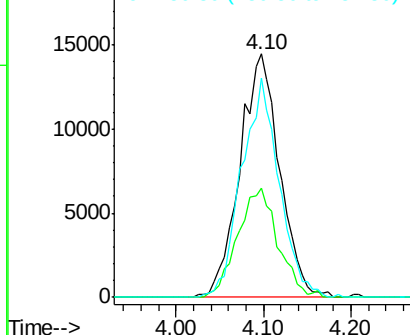
Tot Ion:	101	Resp:	44675
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.5	53.3
151	84.8	69.4	104.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.007 ug/l

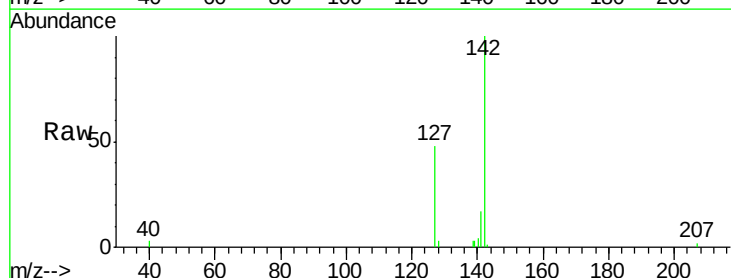
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

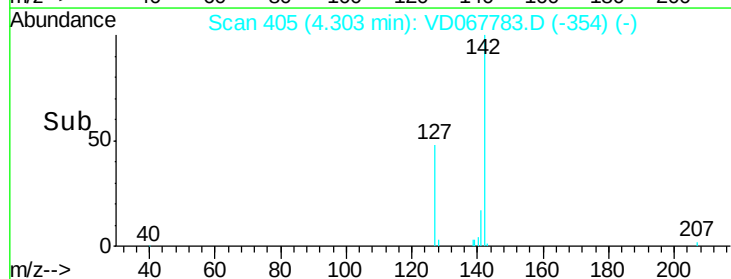
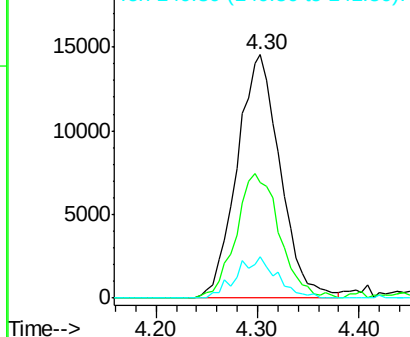
Lab File: VD067783.D

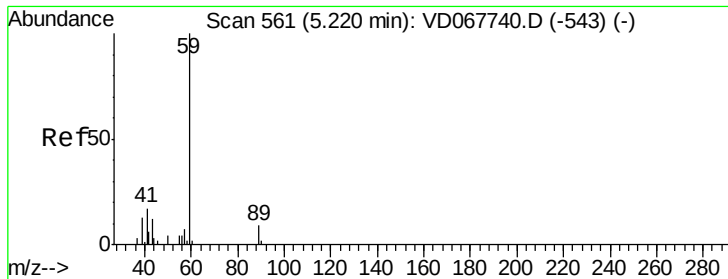
Acq: 25 Nov 2020 13:27

Tgt Ion:	142	Resp:	42907
Ion Ratio	Lower	Upper	
142	100		
127	51.6	42.2	63.2
141	16.0	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

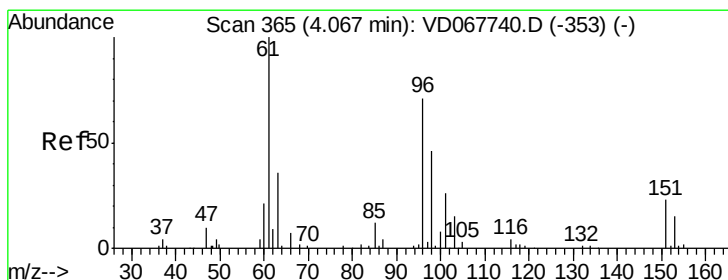
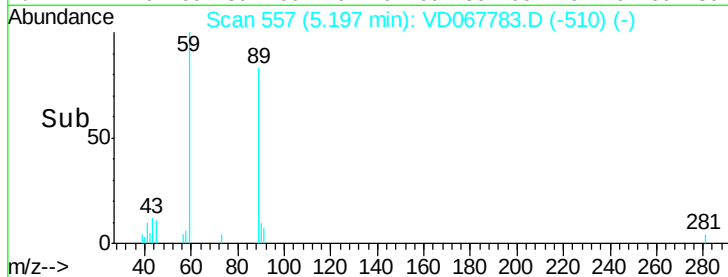
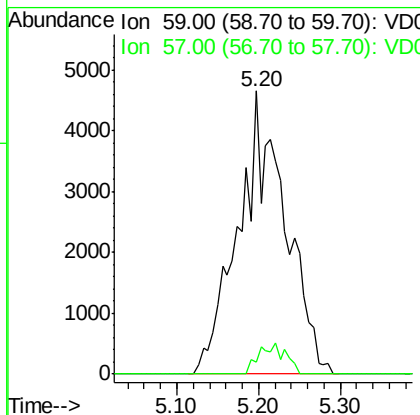
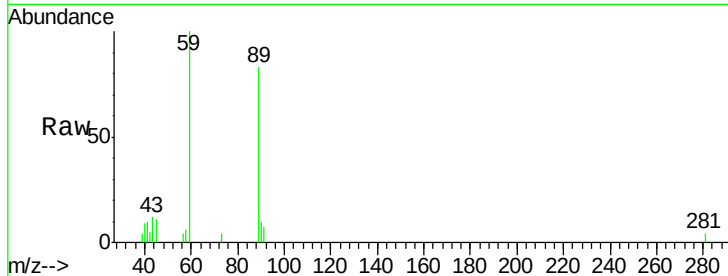
Tert butyl alcohol
 Concen: 124.548 ug/l m
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.1	3.4	5.0#

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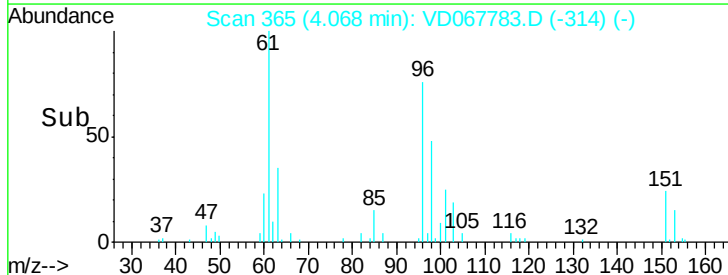
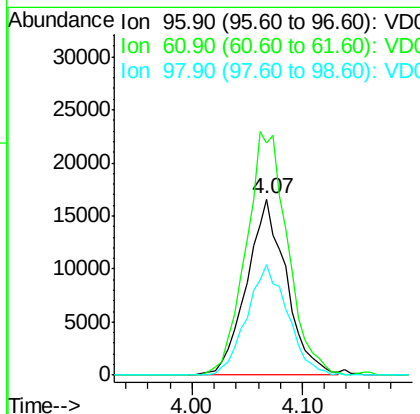
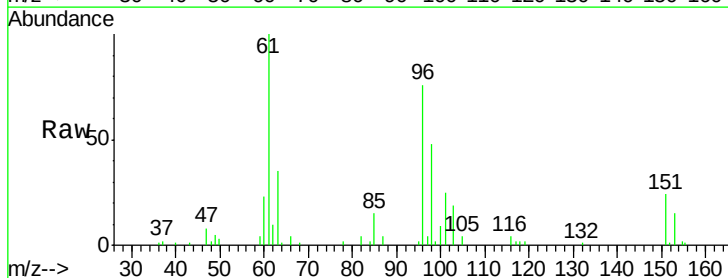
MMDadoda
 11/30/2020 9:58:58 AM

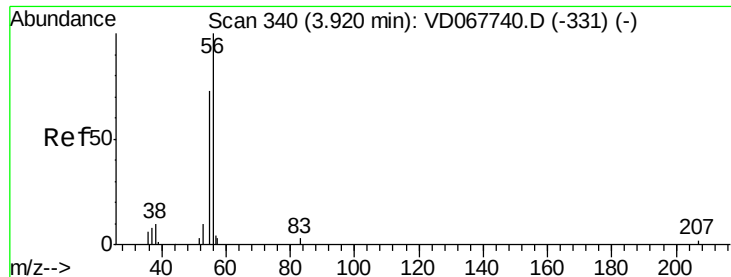


#12

1,1-Dichloroethene
 Concen: 20.530 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	112.9	169.3
98	62.6	52.4	78.6





#13

Acrolein

Concen: 95.375 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 56 Resp: 9556

Ion Ratio Lower Upper

56 100

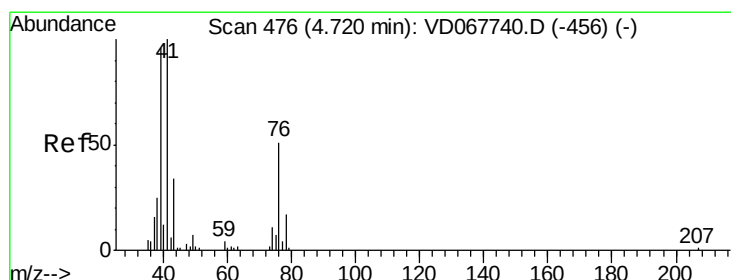
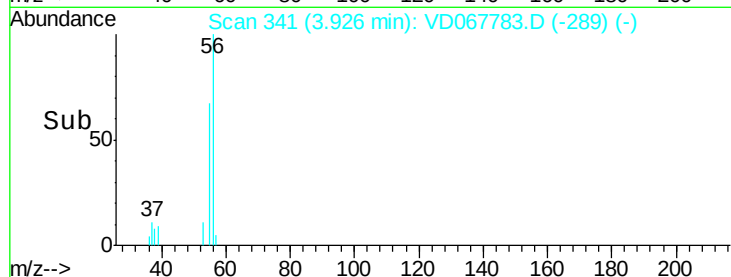
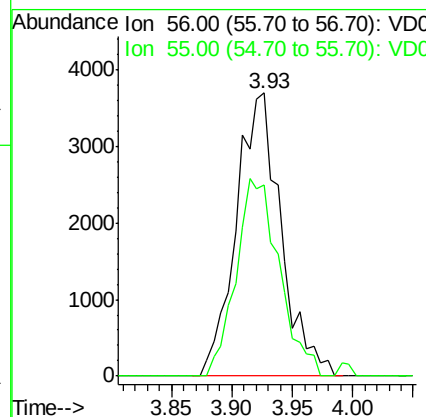
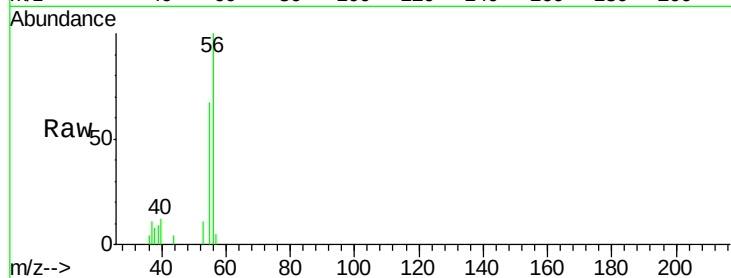
55 67.2 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.995 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

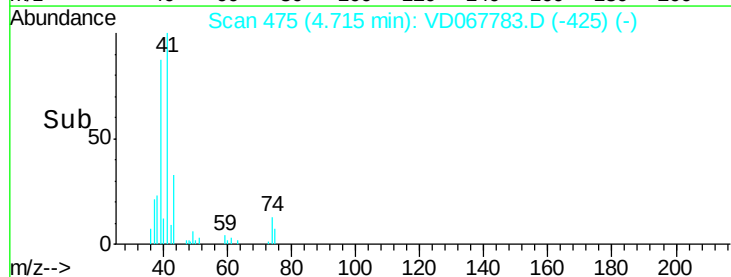
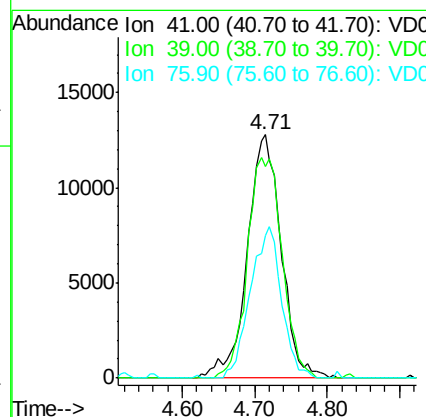
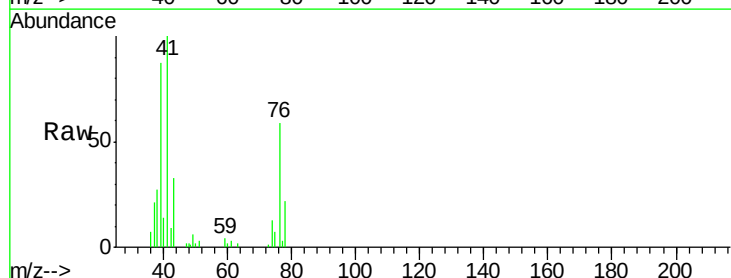
Tgt Ion: 41 Resp: 41417

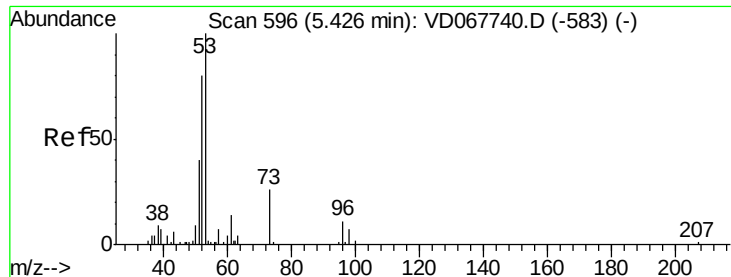
Ion Ratio Lower Upper

41 100

39 93.1 74.6 111.8

76 57.6 43.3 64.9





#15

Acrylonitrile

Concen: 98.494 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

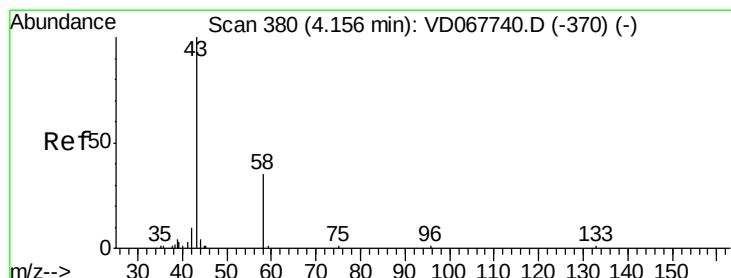
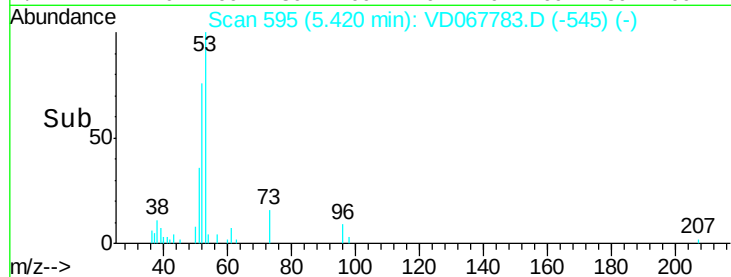
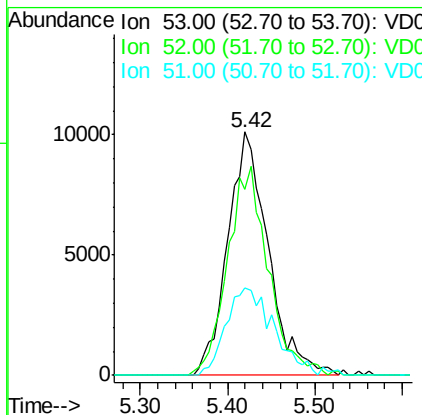
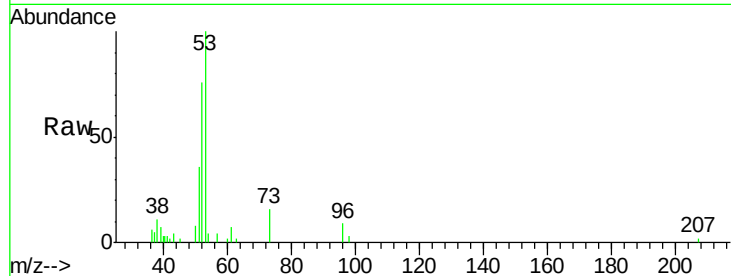
ClientSampleID :

VD1125SBS01

Tot Ion:	53	Resp:	31899
Ion	Ratio	Lower	Upper
53	100		
52	85.7	63.4	95.2
51	42.1	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 95.600 ug/l

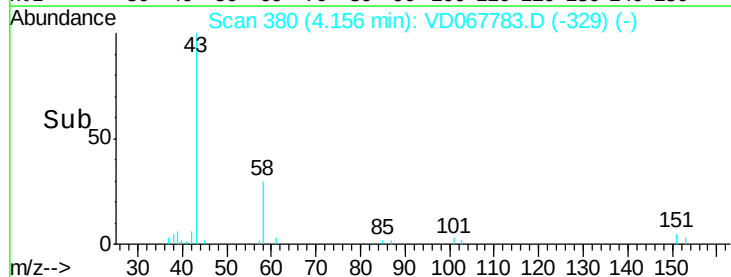
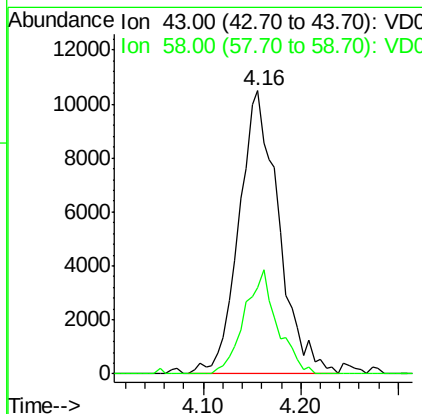
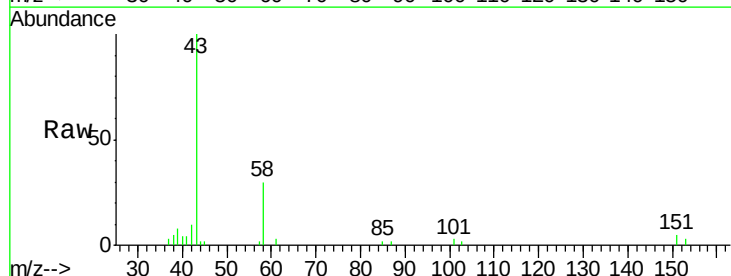
RT: 4.16 min Scan# 380

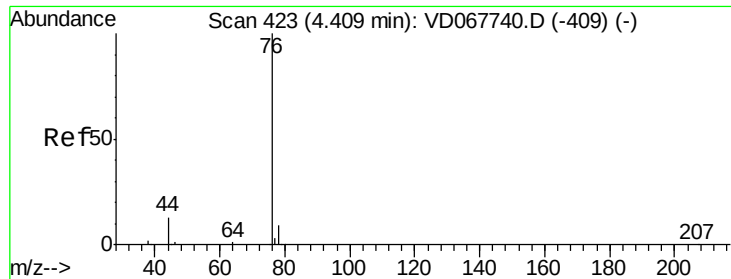
Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	43	Resp:	29854
Ion	Ratio	Lower	Upper
43	100		
58	30.4	27.6	41.4





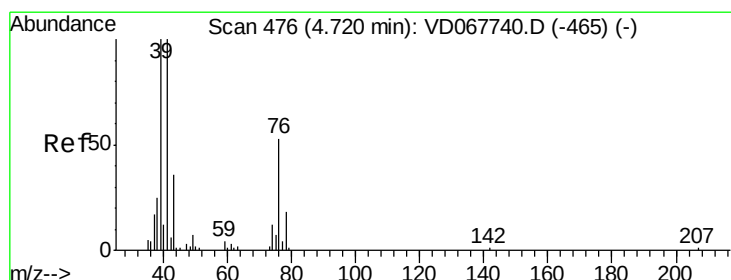
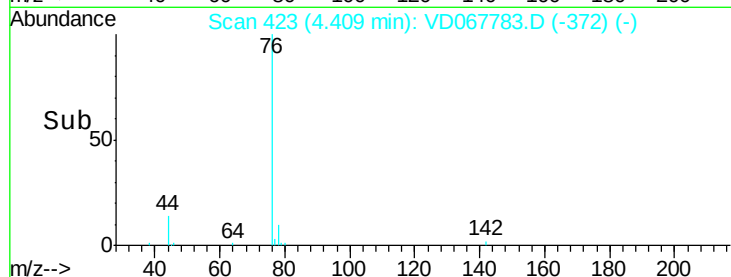
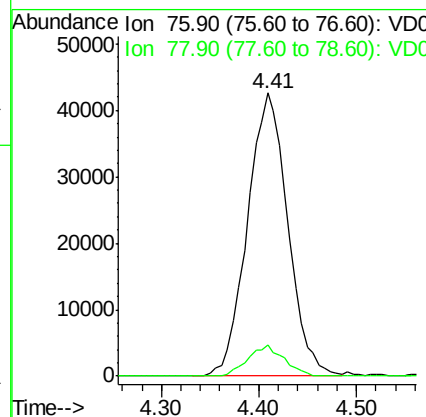
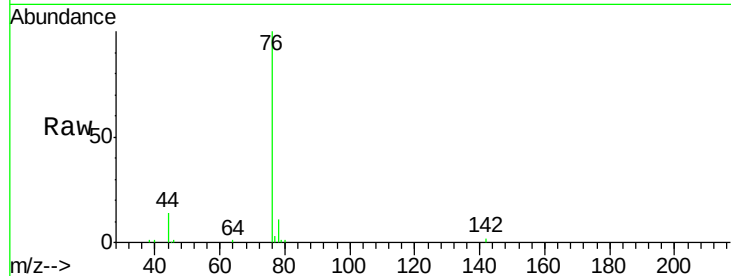
#17
Carbon Disulfide
Concen: 20.772 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.5	11.3

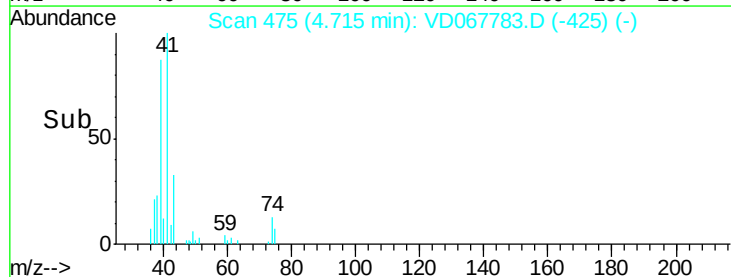
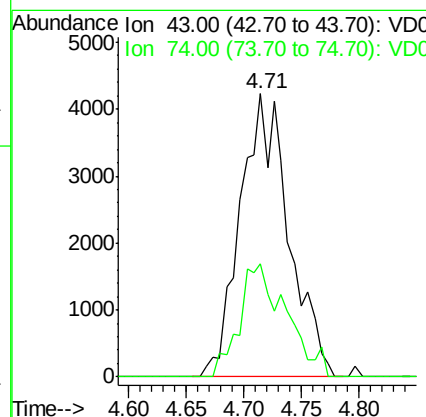
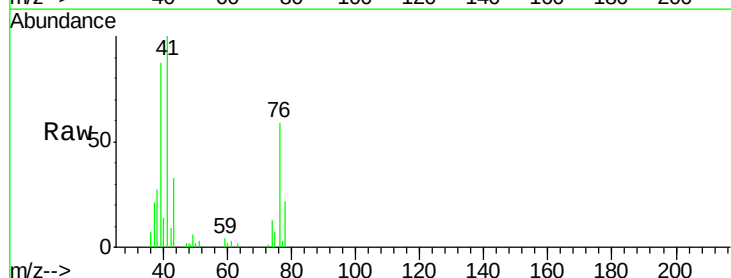
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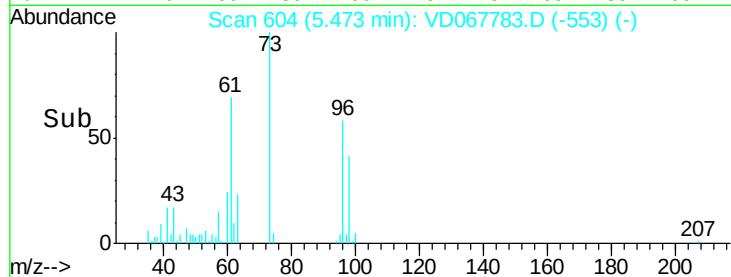
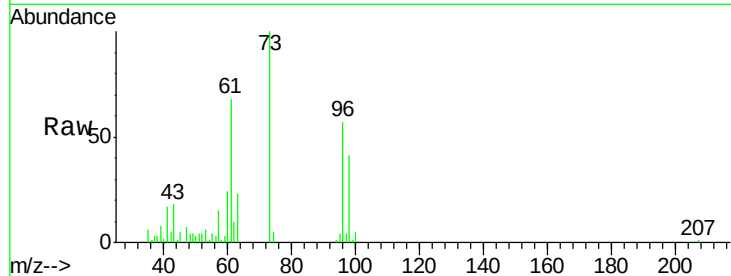
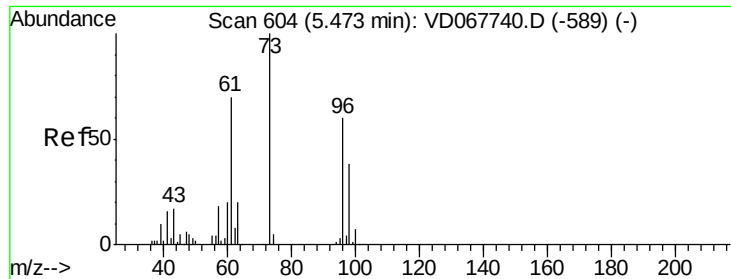
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#18
Methyl Acetate
Concen: 19.656 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	38.8	29.7	44.5





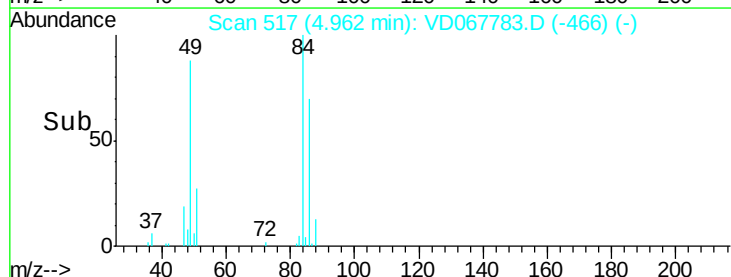
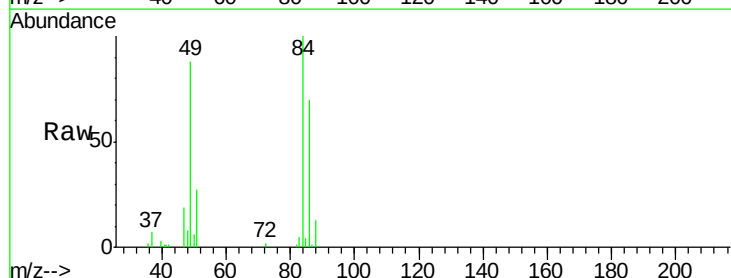
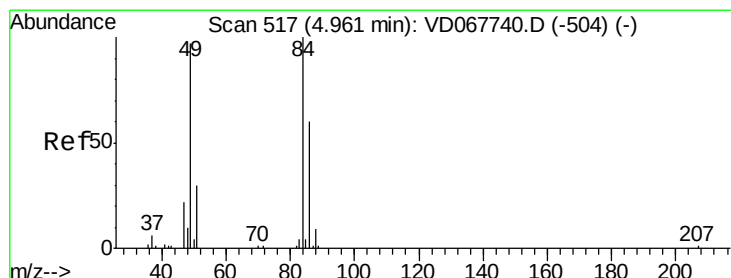
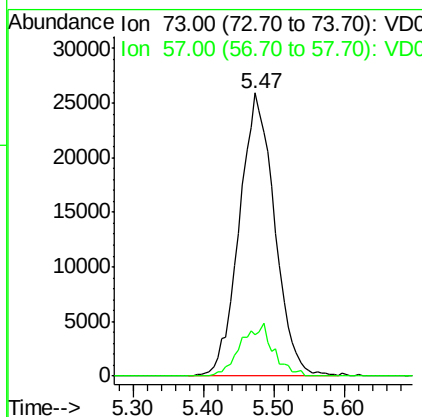
#19
Methyl tert-butyl Ether
Concen: 20.717 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tot Ion: 73 Resp: 90355
Ion Ratio Lower Upper
73 100
57 14.6 14.8 22.2#

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

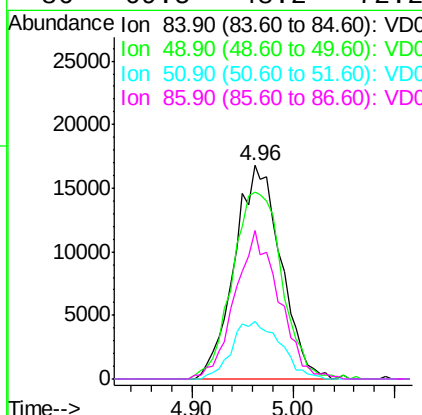
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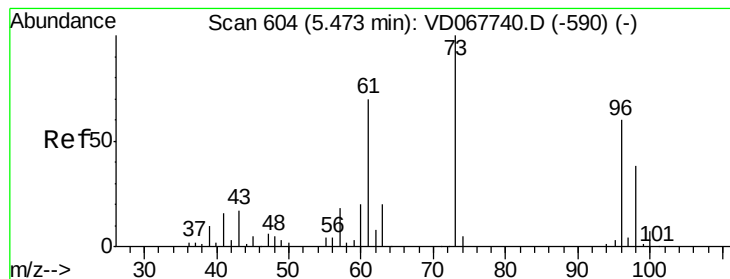
MMDadoda
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#20
Methylene Chloride
Concen: 17.975 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion: 84 Resp: 53443
Ion Ratio Lower Upper
84 100
49 87.6 77.4 116.2
51 27.0 24.1 36.1
86 69.5 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 21.493 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

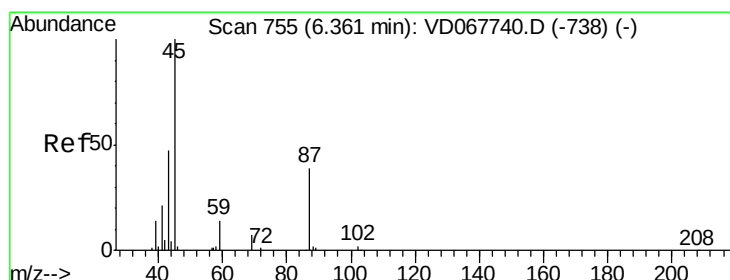
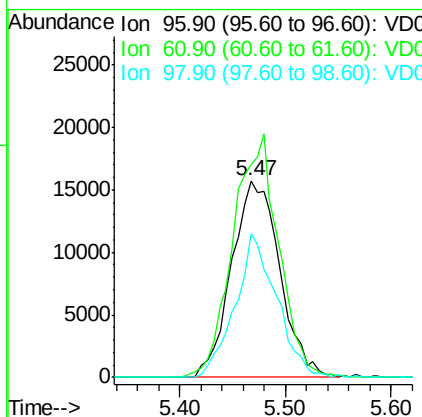
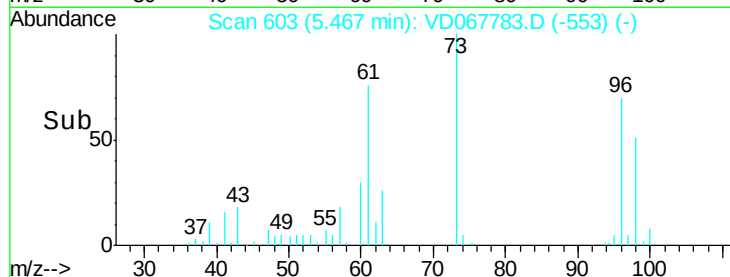
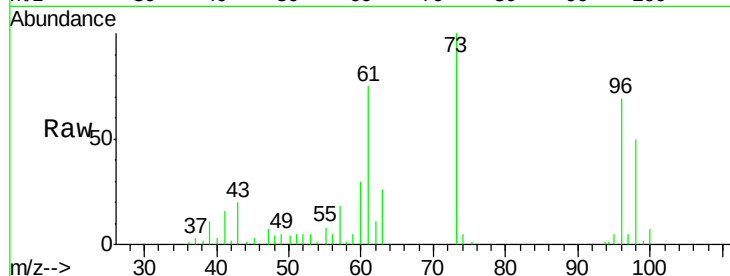
ClientSampleId :

VD1125SBS01

Tot Ion:	96	Resp:	49867
Ion	Ratio	Lower	Upper
96	100		
61	107.4	94.0	141.0
98	72.9	51.3	76.9

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#22

Diisopropyl ether

Concen: 21.427 ug/l

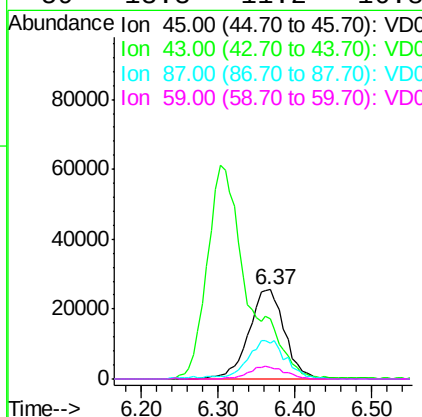
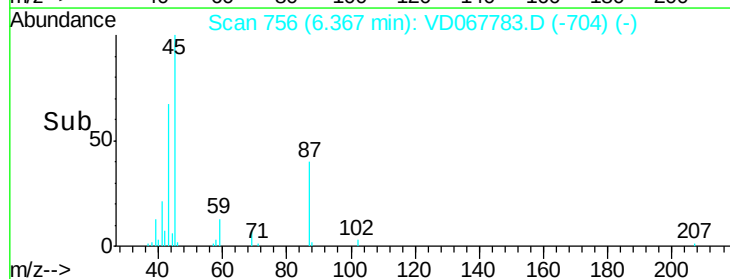
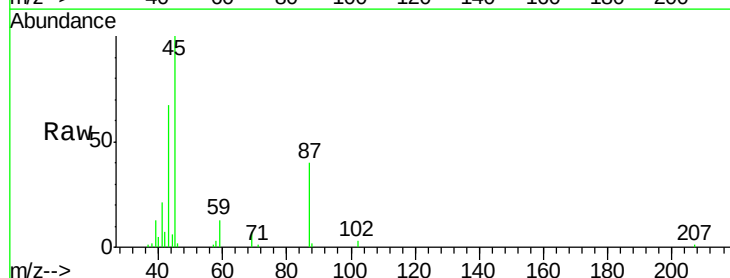
RT: 6.37 min Scan# 756

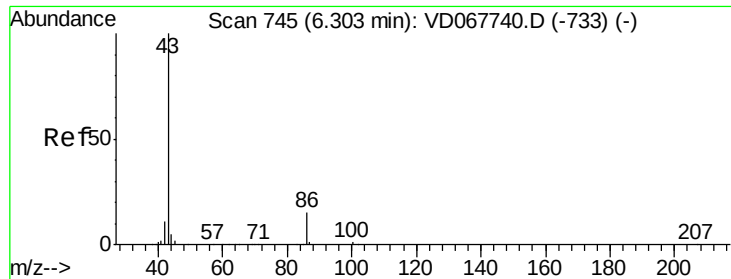
Delta R.T. 0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	45	Resp:	83435
Ion	Ratio	Lower	Upper
45	100		
43	65.6	46.8	70.2
87	39.7	32.9	49.3
59	13.3	11.2	16.8





#23

Vinyl Acetate

Concen: 101.559 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 43 Resp: 223081

Ion Ratio Lower Upper

43 100

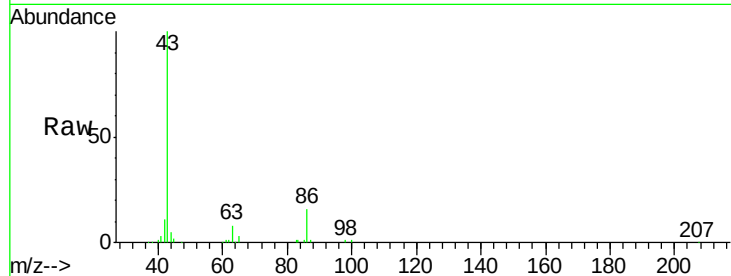
86 15.9 11.7 17.5

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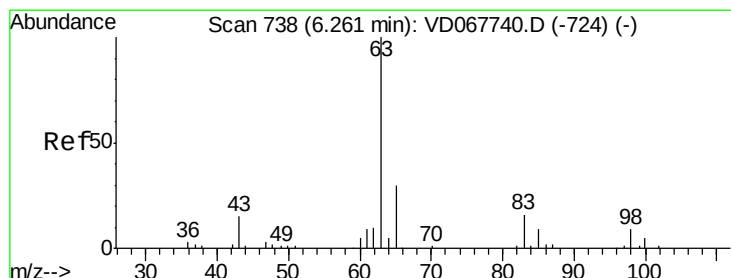
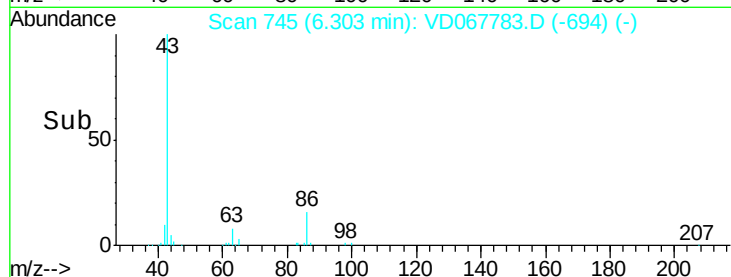
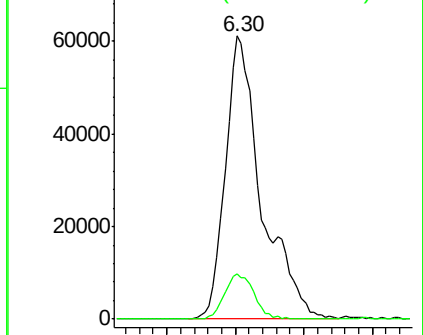
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.227 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

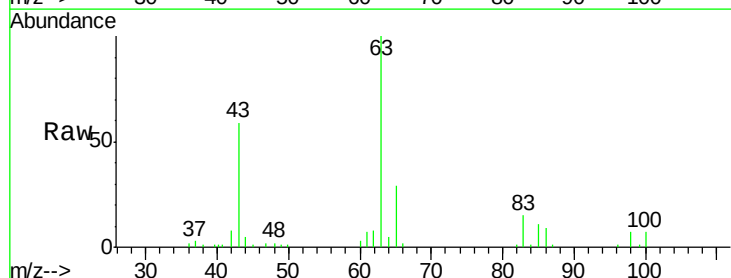
Tgt Ion: 63 Resp: 73381

Ion Ratio Lower Upper

63 100

98 6.7 4.4 13.2

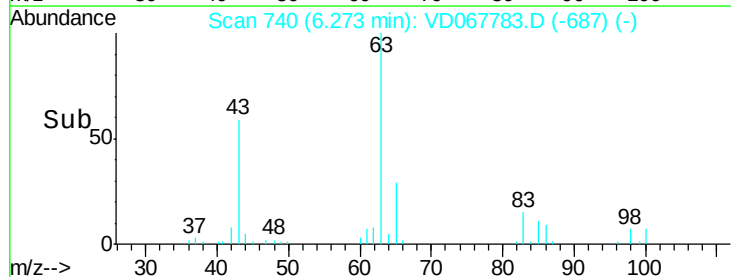
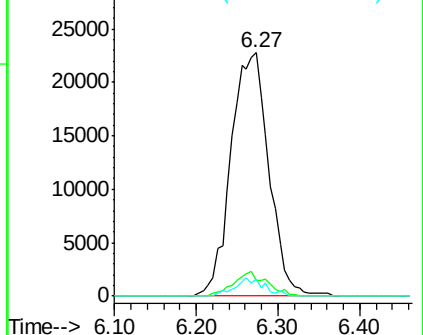
100 6.8 2.6 8.0

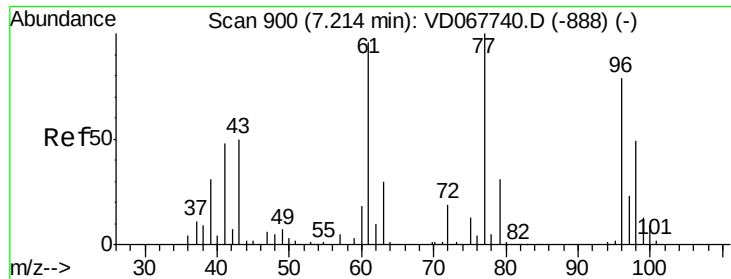


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 93.007 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 43 Resp: 32592

Ion Ratio Lower Upper

43 100

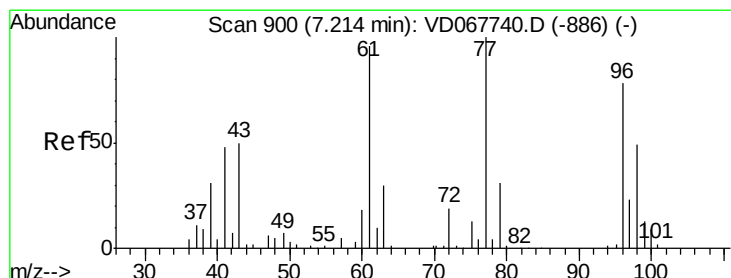
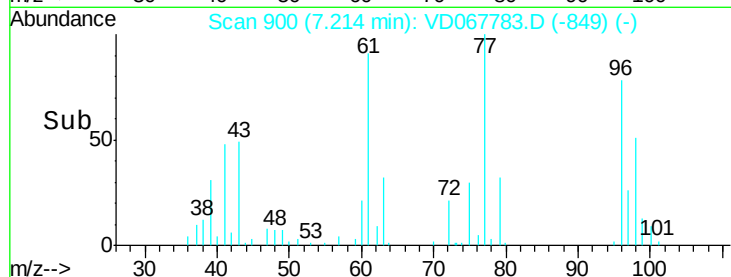
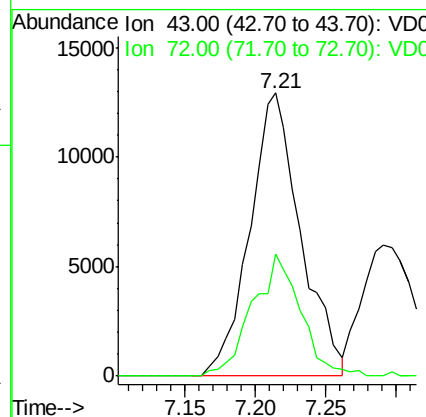
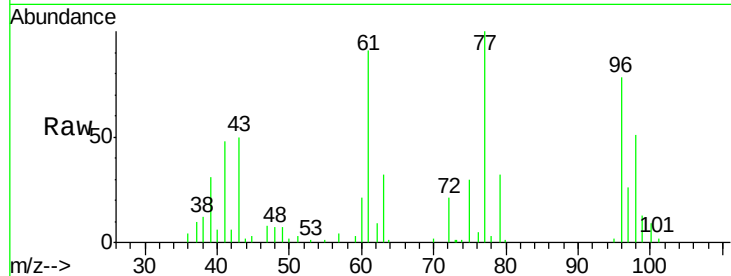
72 43.0 30.8 46.2

Manual Integrations

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11/30/2020 9:58:58 AM



#26

2,2-Dichloropropane

Concen: 20.638 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067783.D

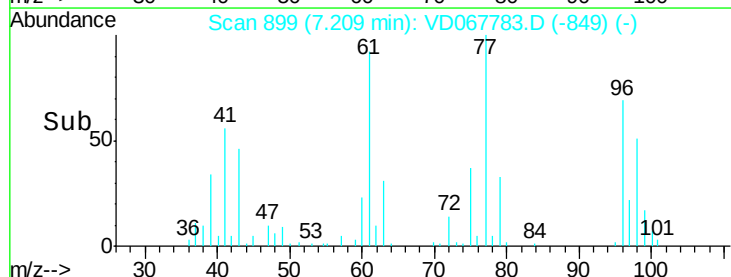
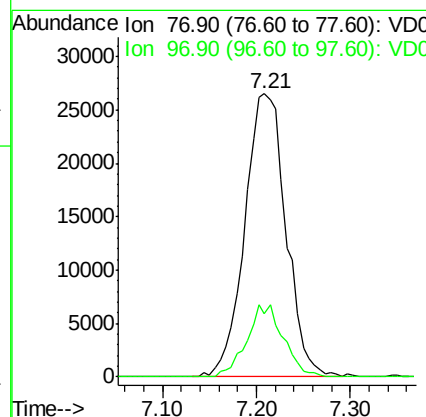
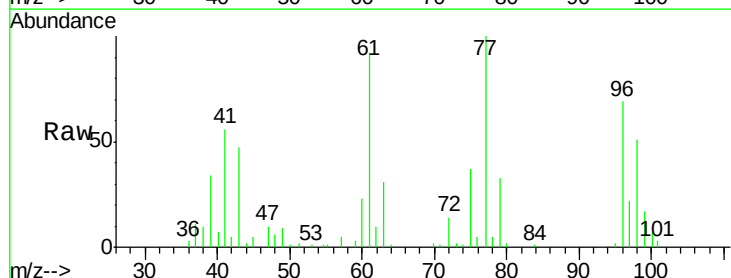
Acq: 25 Nov 2020 13:27

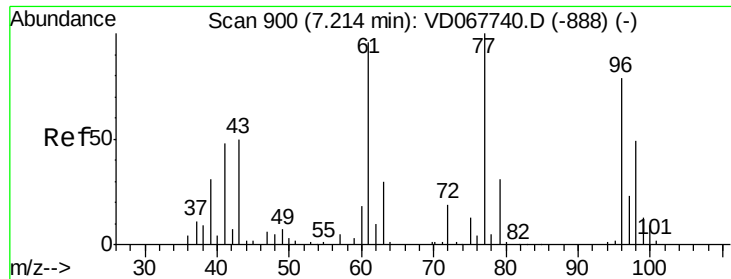
Tgt Ion: 77 Resp: 80381

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3





#27

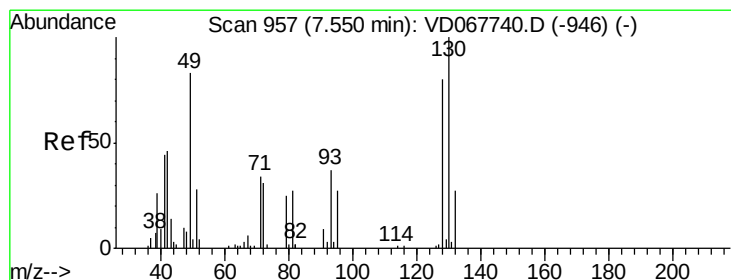
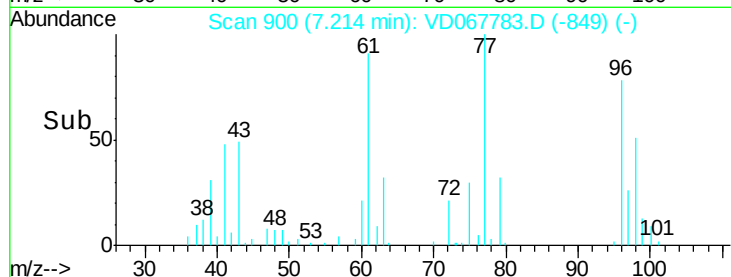
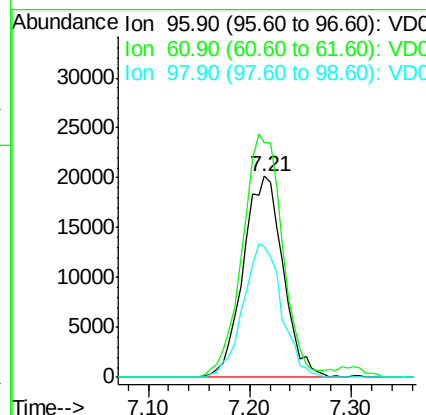
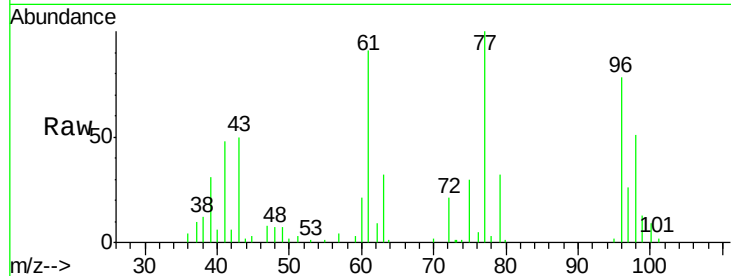
cis-1,2-Dichloroethene
Concen: 22.152 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	258.0
98	64.3	0.0	131.8

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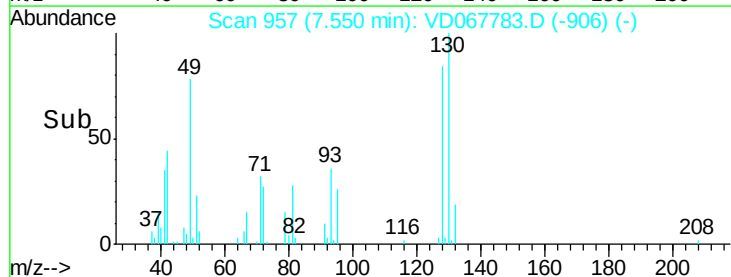
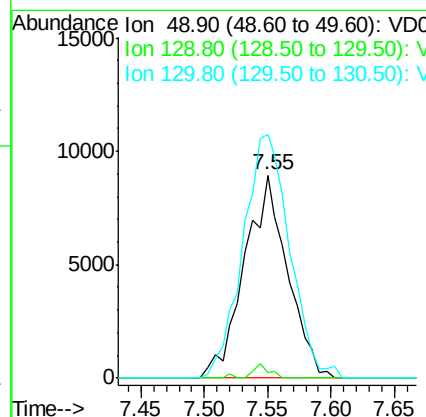
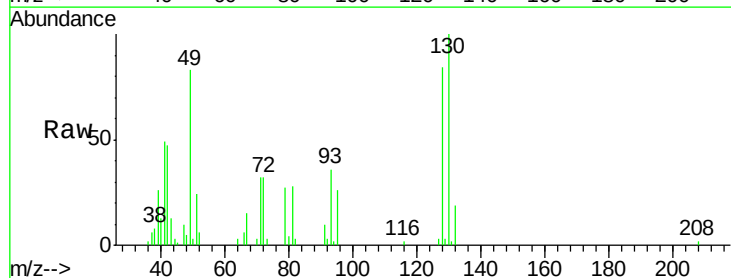
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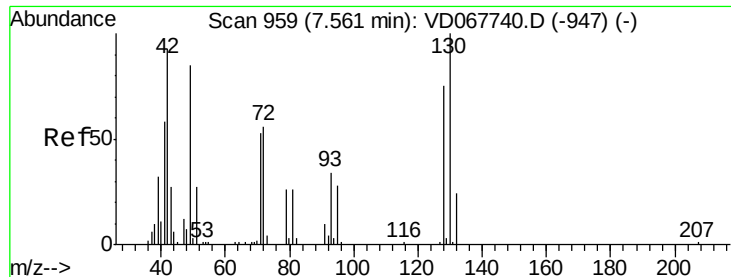


#28

Bromochloromethane
Concen: 20.014 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	7.0
130	130.4	102.2	153.4





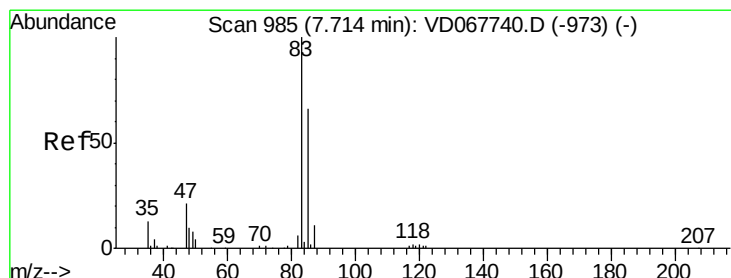
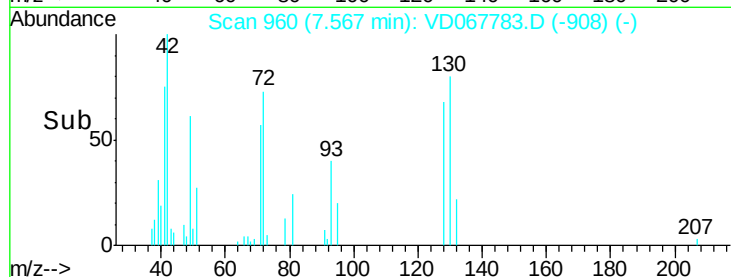
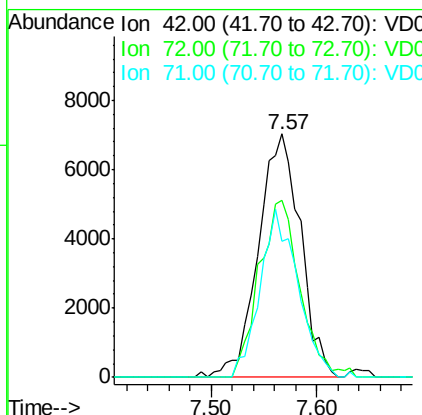
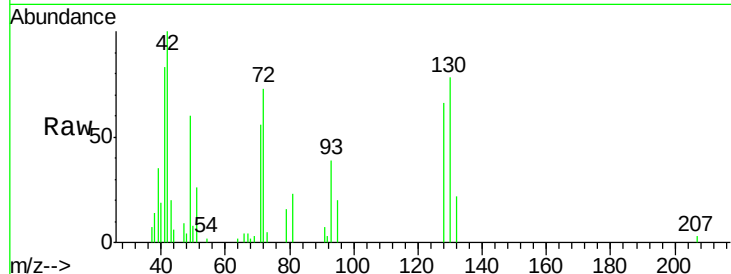
#29
Tetrahydrofuran
Concen: 97.477 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	70.7	49.3	73.9
71	61.9	45.9	68.9

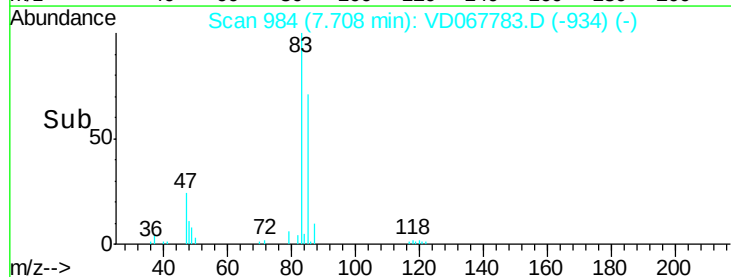
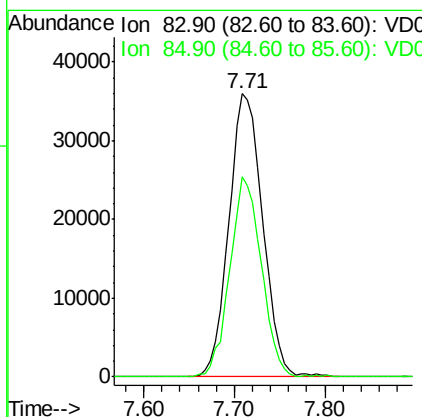
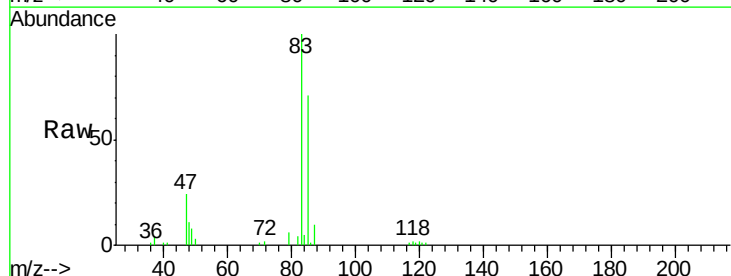
Manual Integrations
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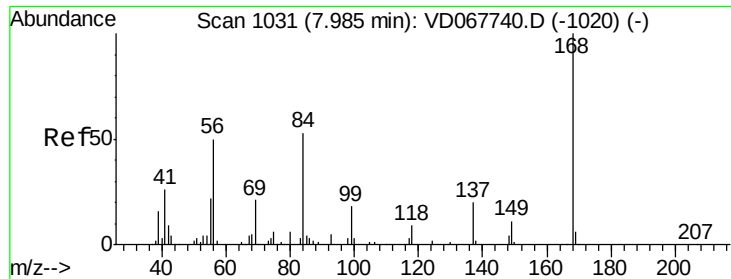
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#30
Chloroform
Concen: 21.643 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.9	53.1	79.7





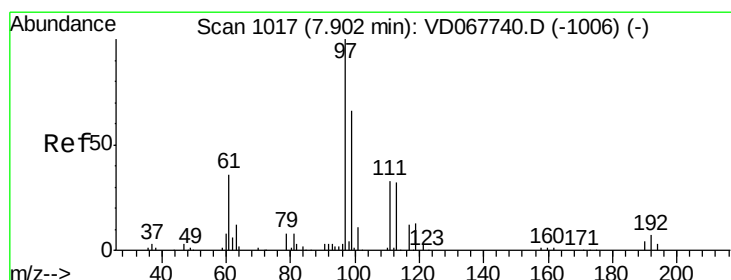
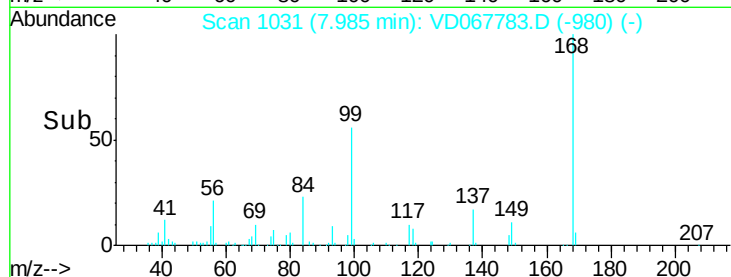
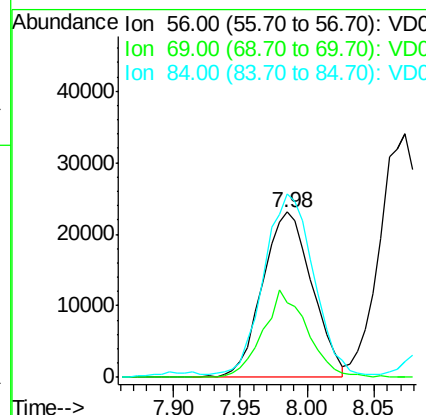
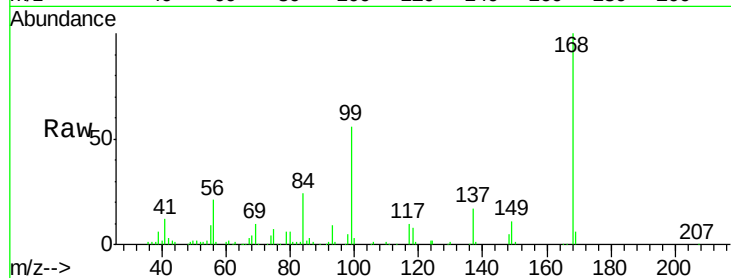
#31
Cyclohexane
Concen: 20.351 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.5	33.2	49.8
84	107.9	84.8	127.2

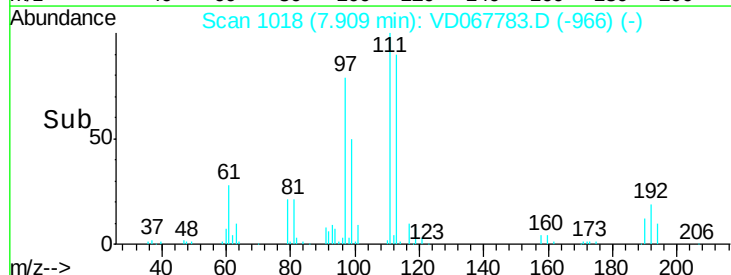
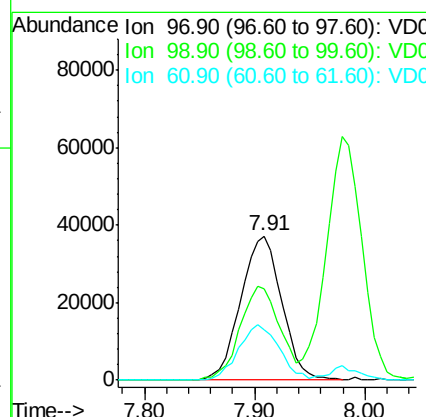
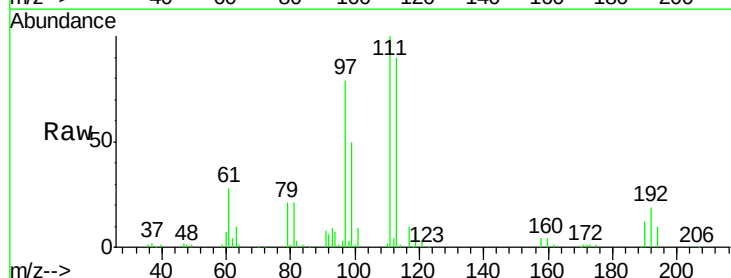
Manual Integrations
APPROVED

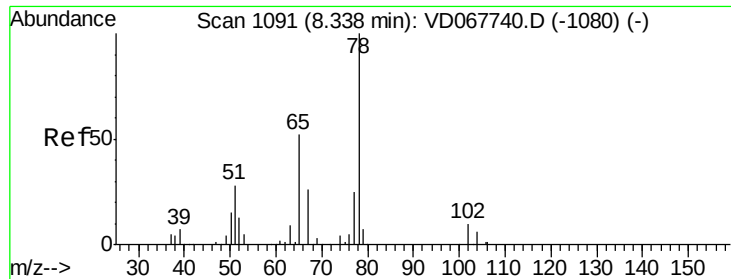
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#32
1,1,1-Trichloroethane
Concen: 21.218 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.1	76.7
61	38.0	29.4	44.2





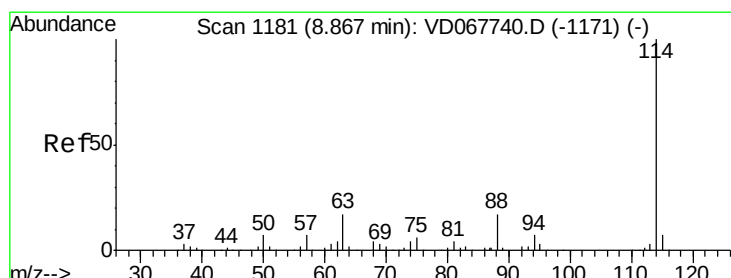
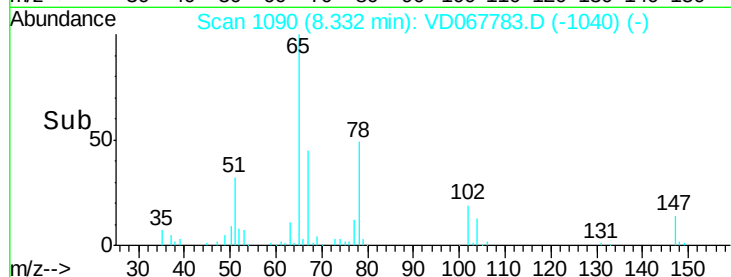
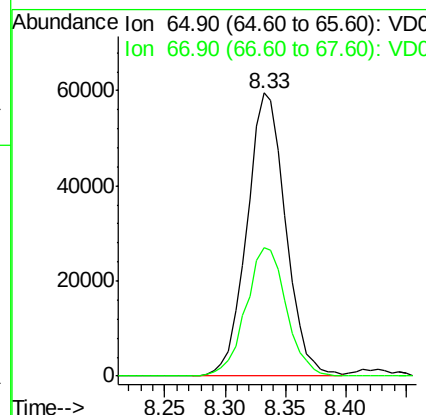
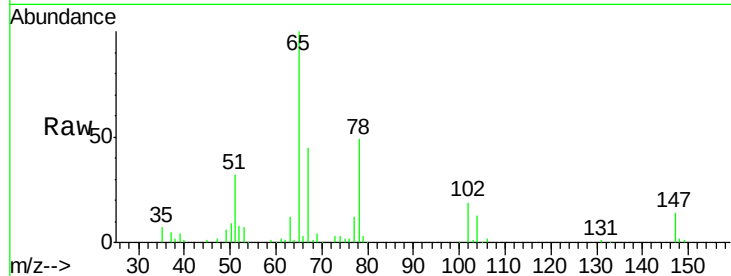
#33
 1,2-Dichloroethane-d4
 Concen: 54.902 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 65 Resp: 132713
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 101.0

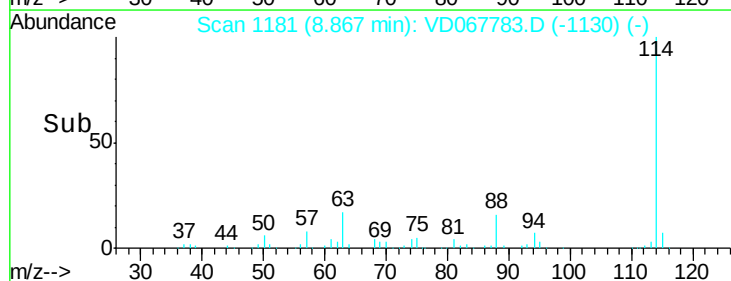
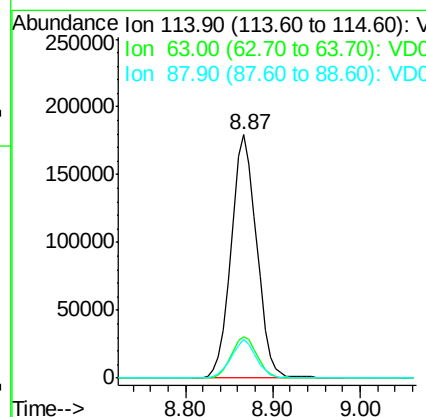
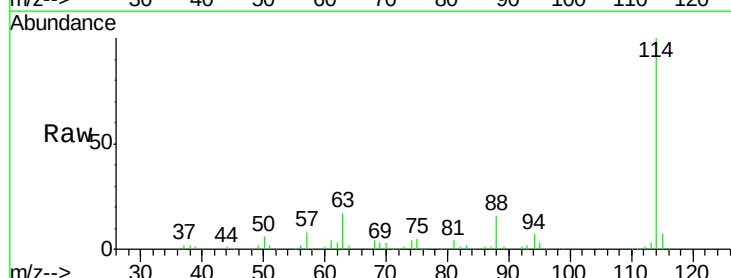
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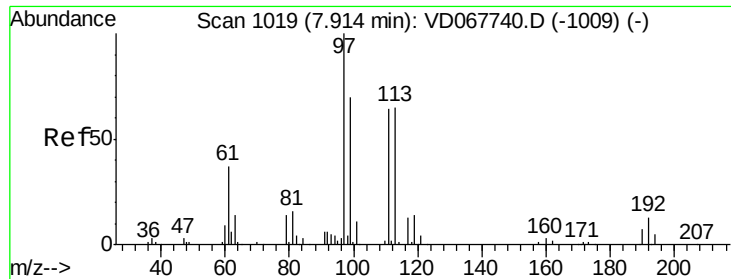
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion: 114 Resp: 357196
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.8
 88 15.7 0.0 34.4





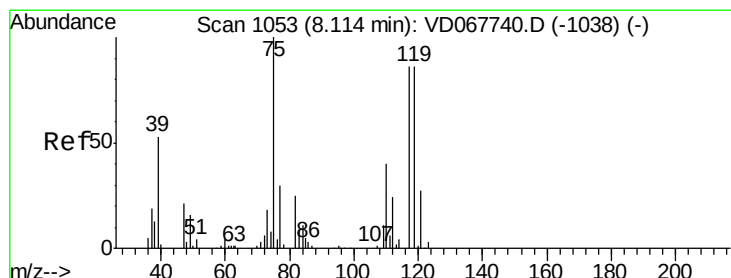
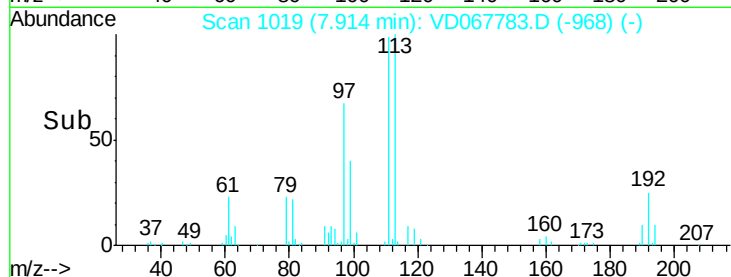
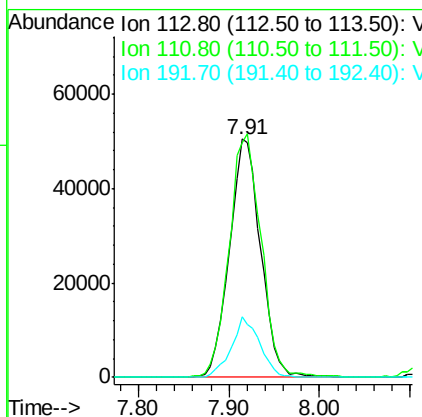
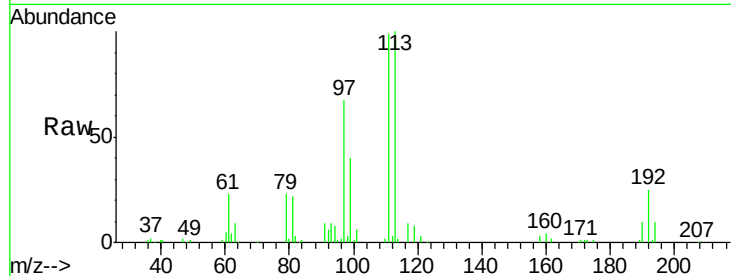
#35
Dibromofluoromethane
Concen: 53.183 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120894		
111	104.8	81.4	122.0	
192	23.1	17.0	25.4	

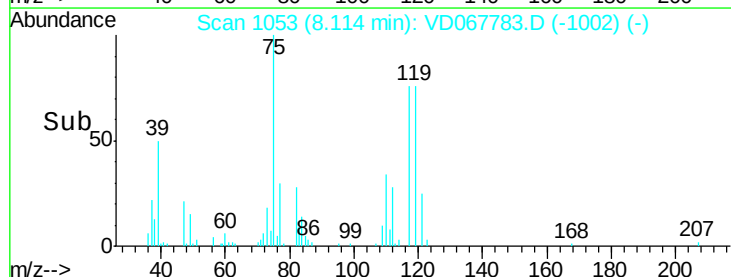
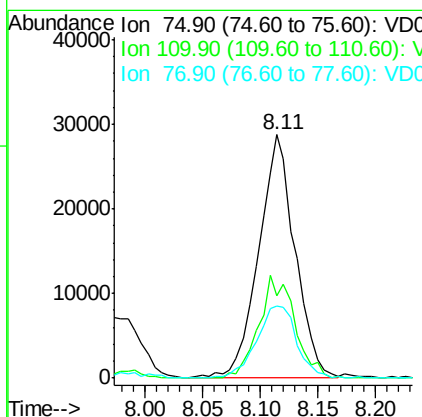
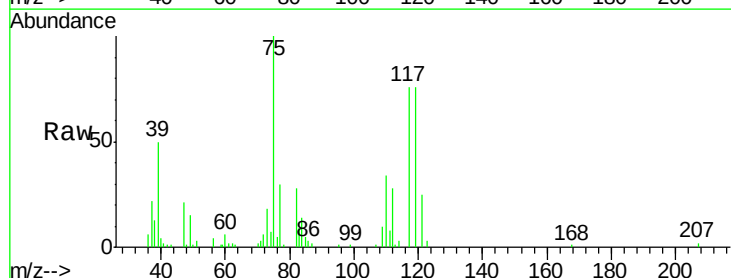
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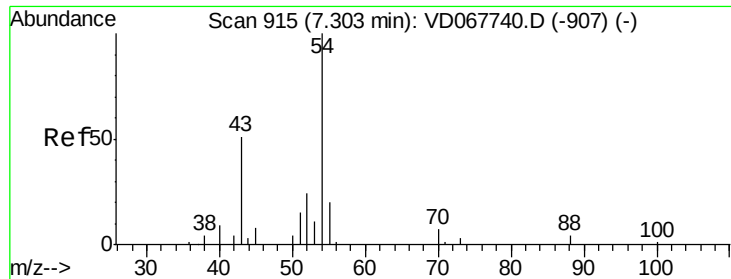
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#36
1,1-Dichloropropene
Concen: 20.597 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63133		
110	41.4	20.1	60.2	
77	32.7	24.8	37.2	





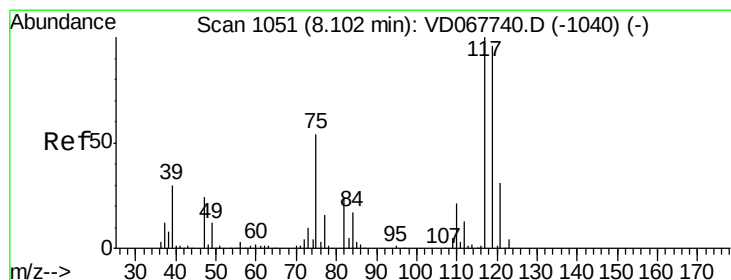
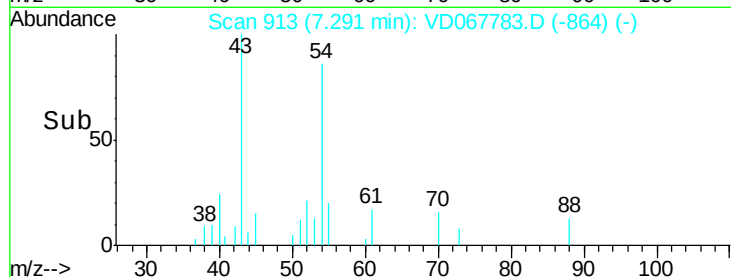
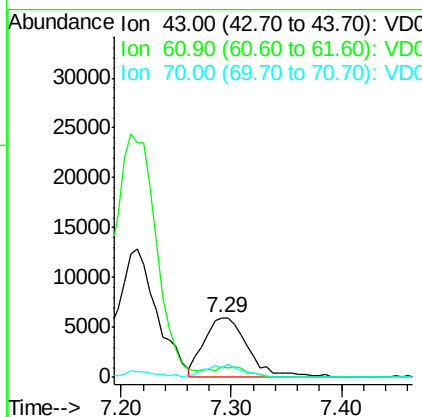
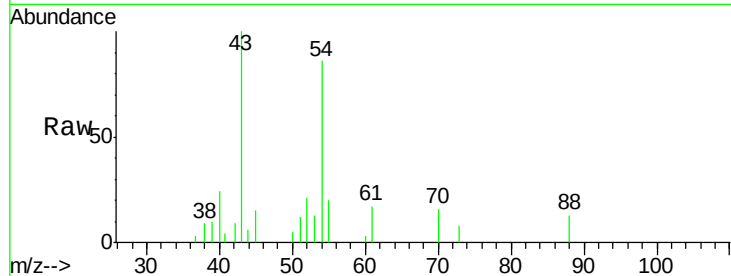
#37
Ethyl Acetate
Concen: 20.021 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.9	19.3
70	18.5	12.2	18.2#

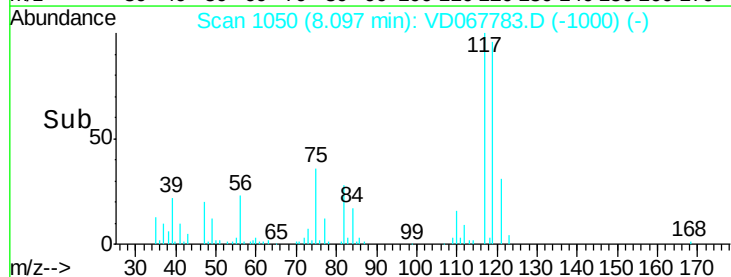
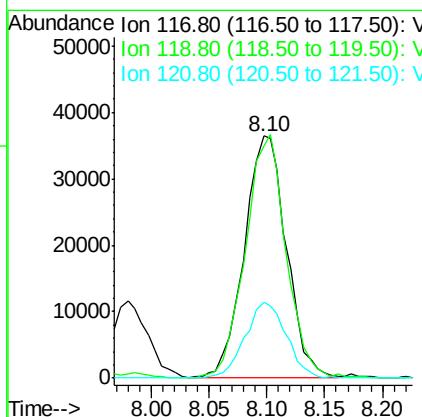
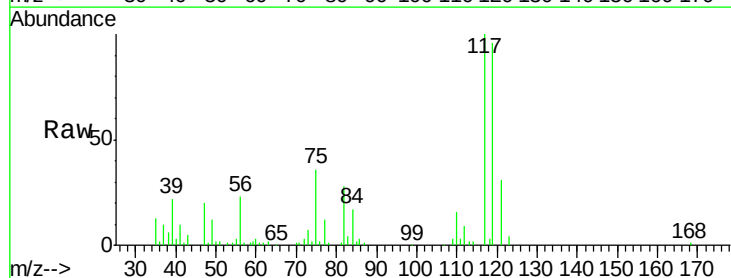
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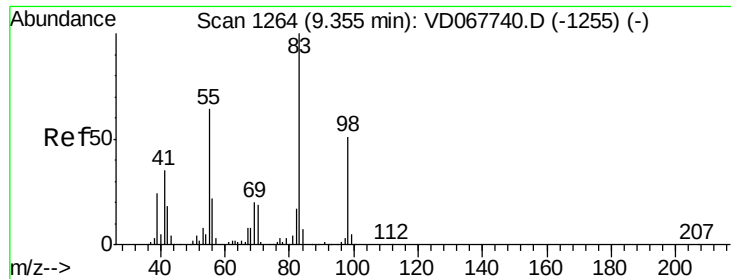
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#38
Carbon Tetrachloride
Concen: 20.671 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
121	31.5	24.5	36.7





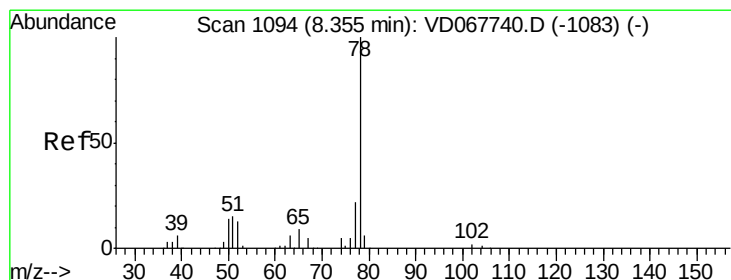
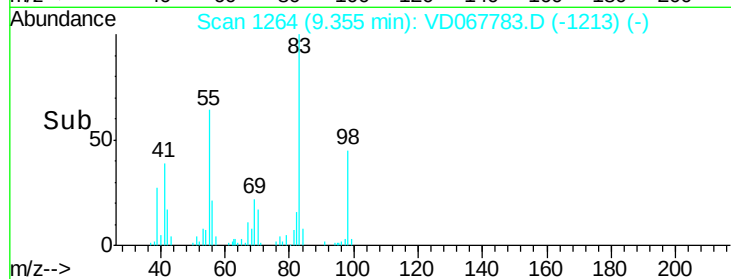
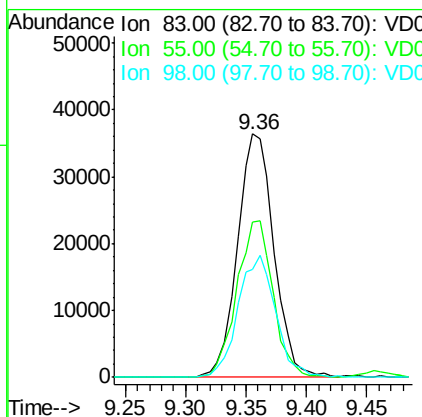
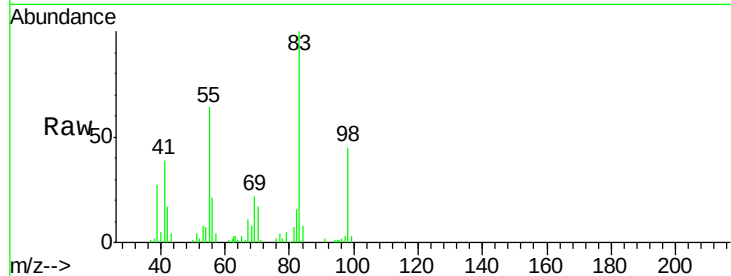
#39
Methylvlcyclohexane
Concen: 21.167 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.8	51.0	76.4
98	44.5	40.4	60.6

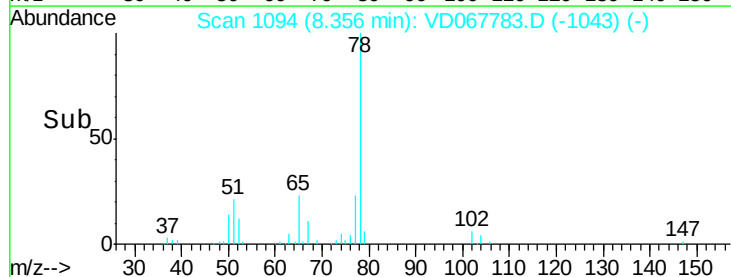
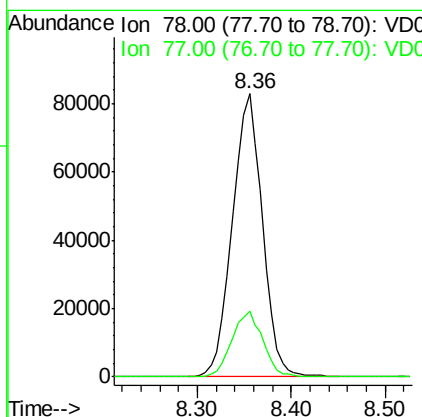
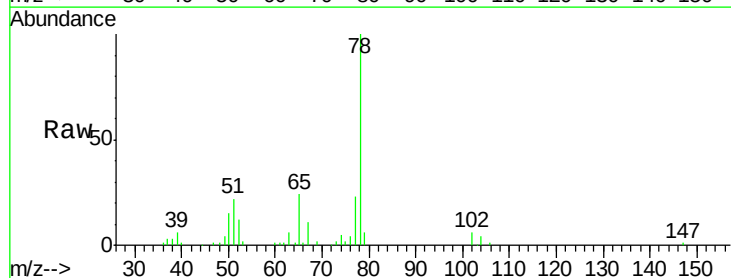
Manual Integrations
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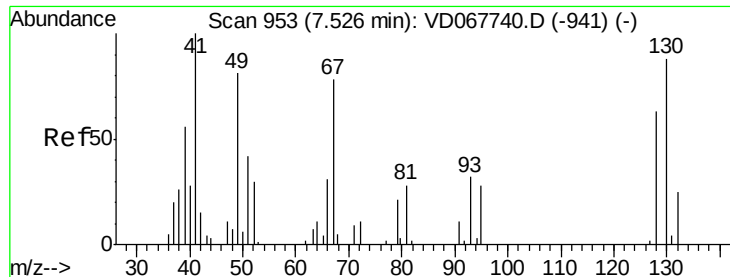
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#40
Benzene
Concen: 21.858 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	17.8	26.6





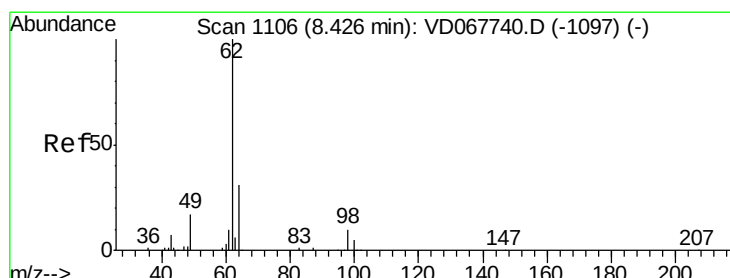
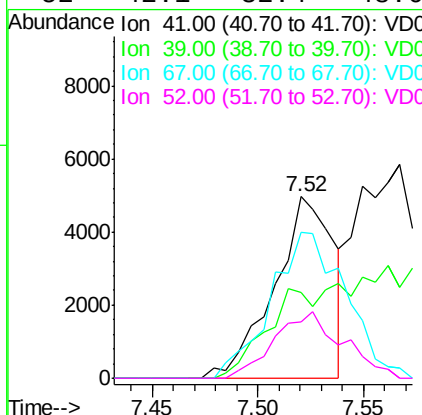
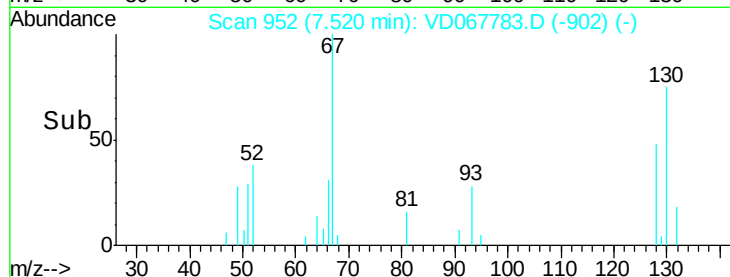
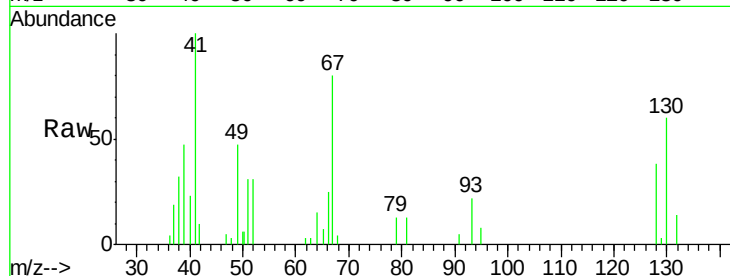
#41
Methacrylonitrile
Concen: 22.889 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	40.3	50.2	75.4#
67	102.0	79.0	118.6
52	42.1	32.4	48.6

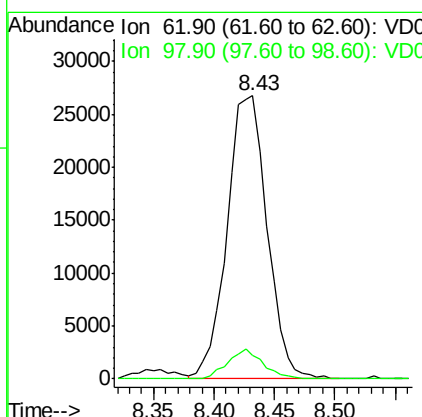
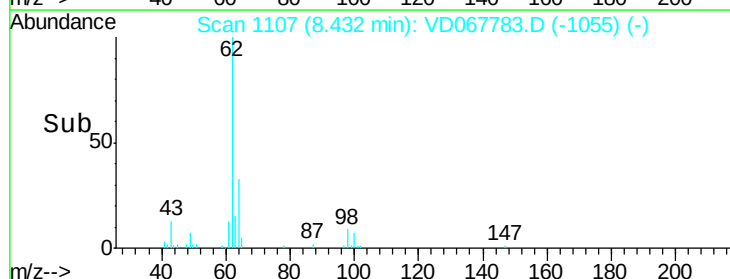
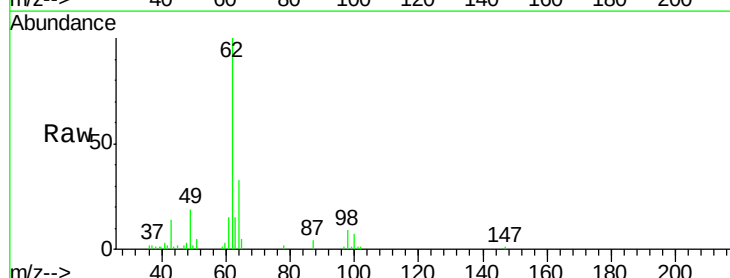
Manual Integrations
APPROVED

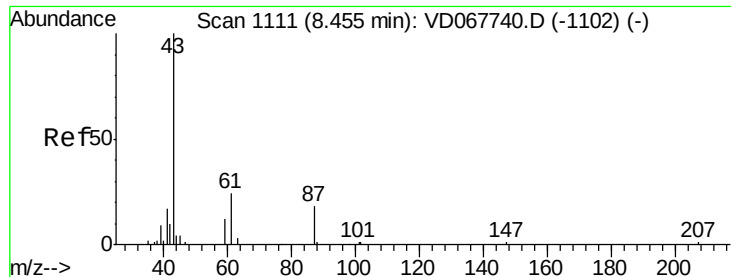
MMDadoda
11/30/2020 9:58:58 AM



#42
1,2-Dichloroethane
Concen: 21.655 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.964 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

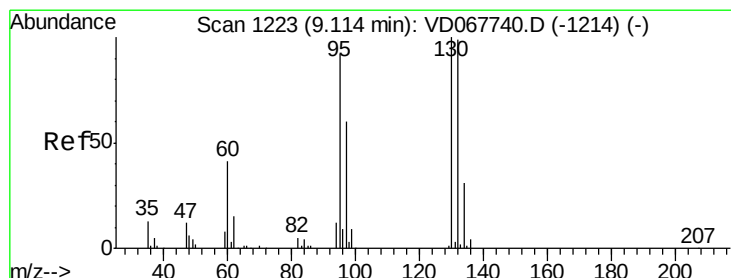
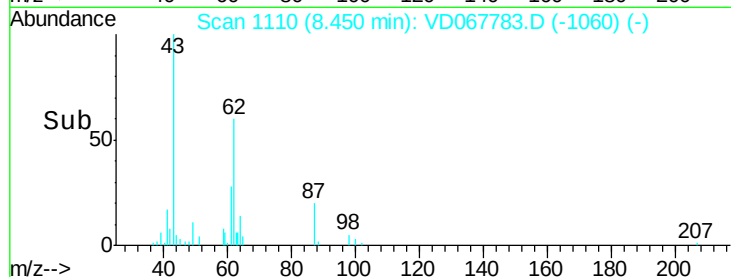
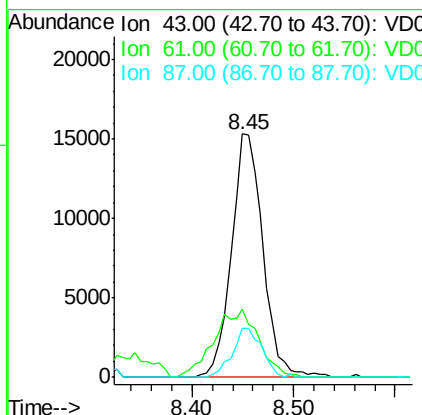
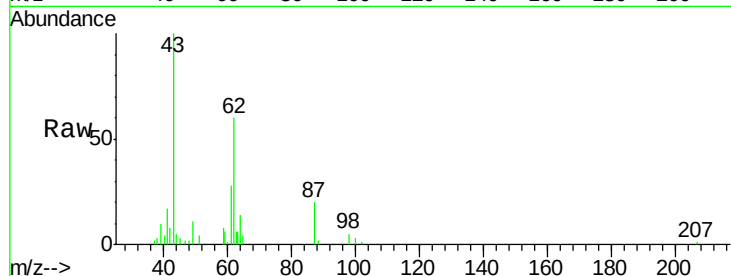
ClientSampleId :

VD1125SBS01

Tot Ion:	43	Resp:	32860
Ion	Ratio	Lower	Upper
43	100		
61	39.6	30.2	45.4
87	19.0	14.2	21.4

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#44

Trichloroethene

Concen: 21.760 ug/l

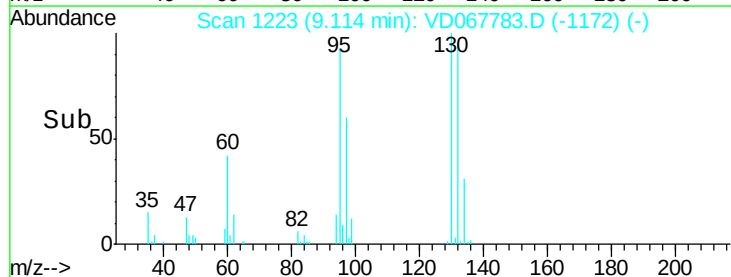
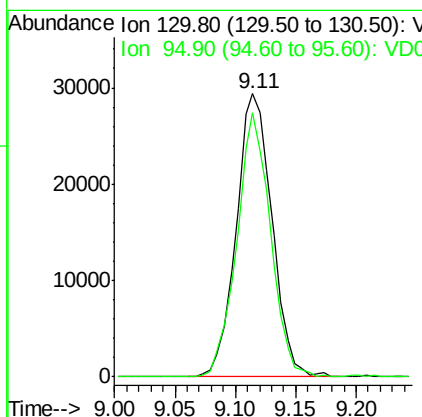
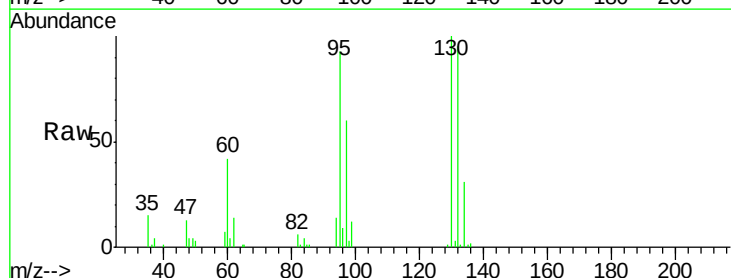
RT: 9.11 min Scan# 1223

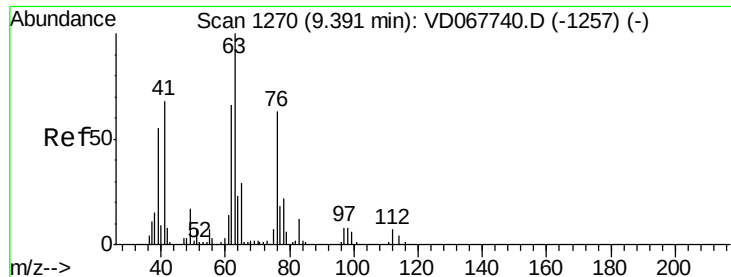
Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	130	Resp:	60711
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	184.2





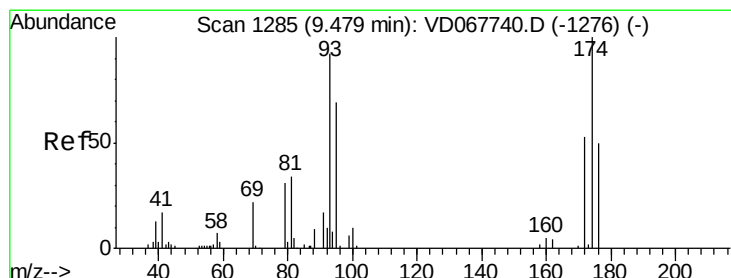
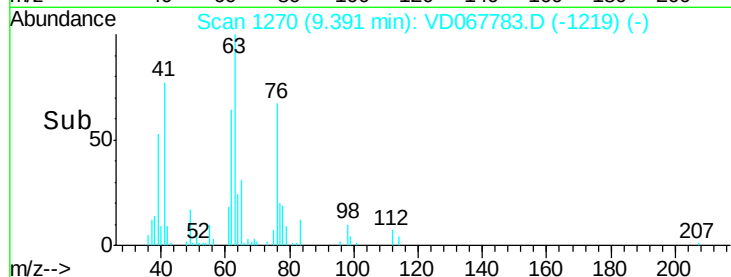
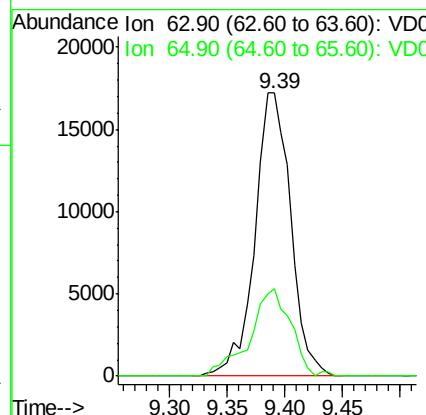
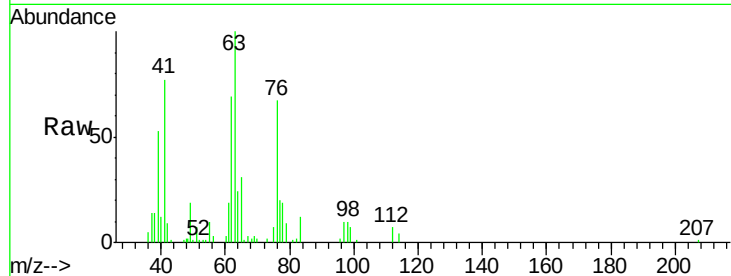
#45
 1,2-Dichloropropane
 Concen: 21.557 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 63 Resp: 37236
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.1 34.7

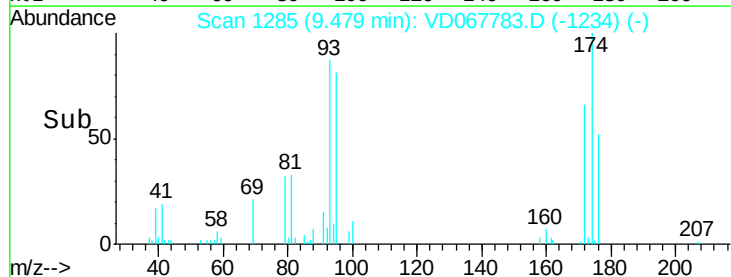
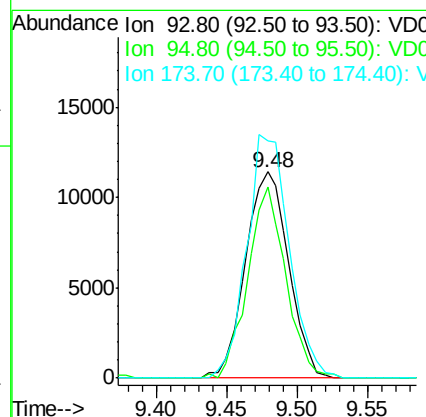
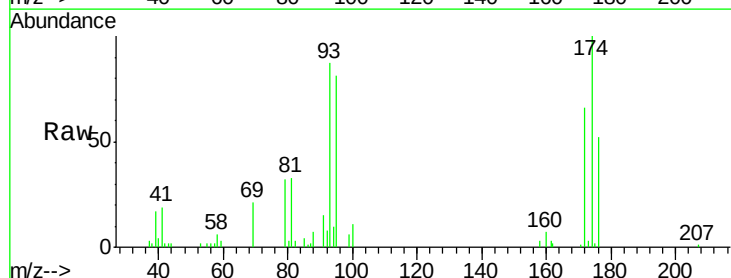
Manual Integrations
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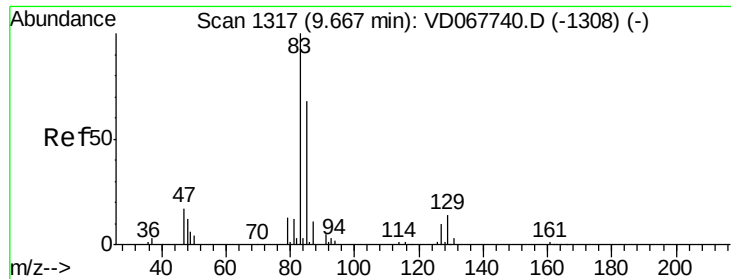
MMDadoda
 11/30/2020 9:58:58 AM



#46
 Dibromomethane
 Concen: 20.791 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion: 93 Resp: 24450
 Ion Ratio Lower Upper
 93 100
 95 81.7 63.4 95.2
 174 116.6 89.6 134.4





#47

Bromodichloromethane

Concen: 21.326 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

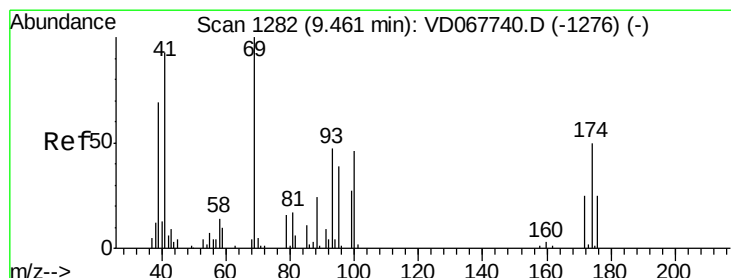
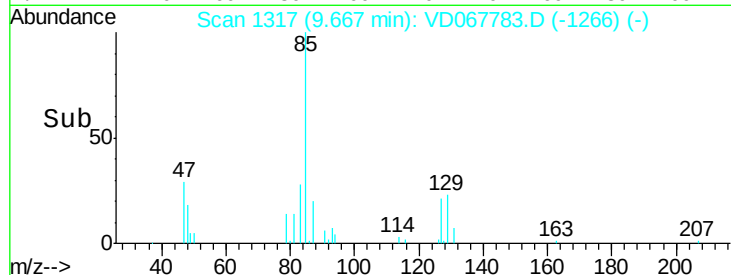
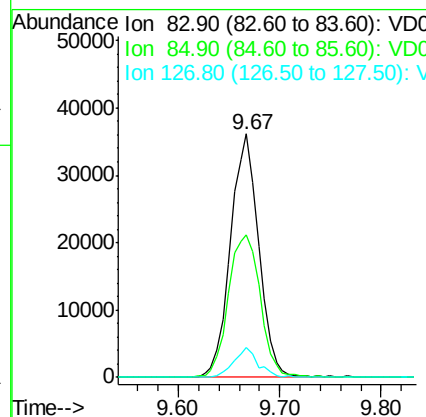
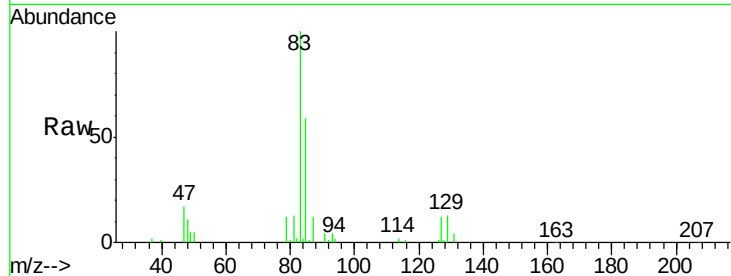
ClientSampleId :

VD1125SBS01

Tot Ion:	83	Resp:	69837
Ion	Ratio	Lower	Upper
83	100		
85	58.8	54.2	81.2
127	12.2	7.6	11.4#

Manual Integrations
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MMDadoda
11/30/2020 9:58:58 AM



#48

Methyl methacrylate

Concen: 19.671 ug/l

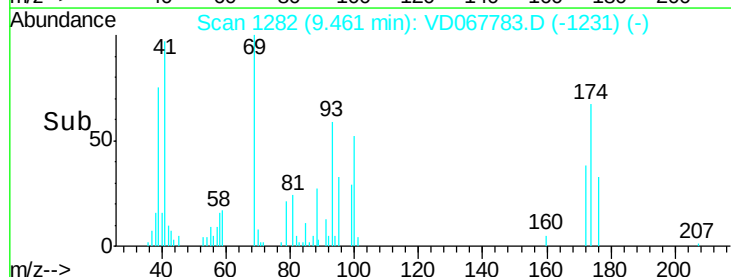
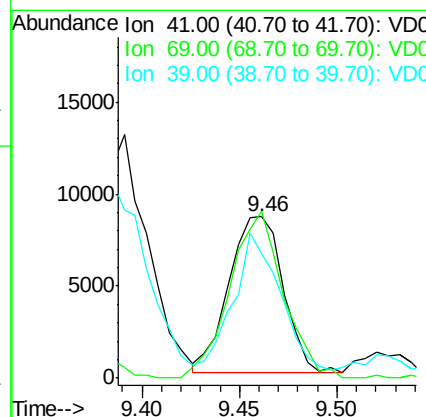
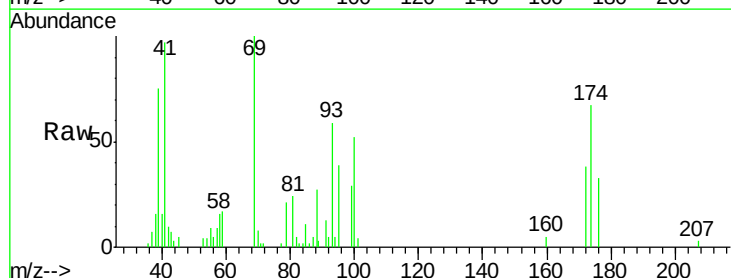
RT: 9.46 min Scan# 1282

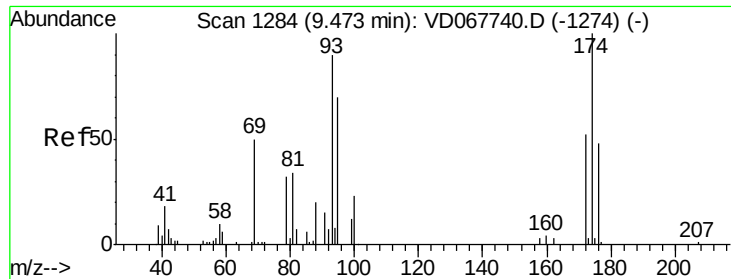
Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	41	Resp:	16187
Ion	Ratio	Lower	Upper
41	100		
69	106.0	87.8	131.6
39	76.8	60.5	90.7





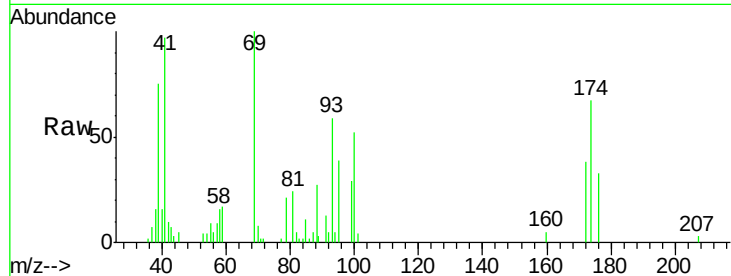
#49
1,4-Dioxane
Concen: 375.531 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	25.2	37.8
58	58.2	48.2	72.2

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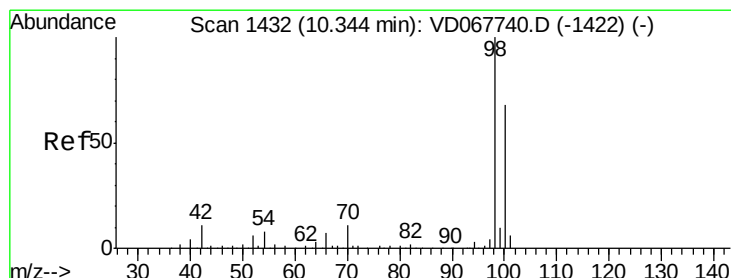
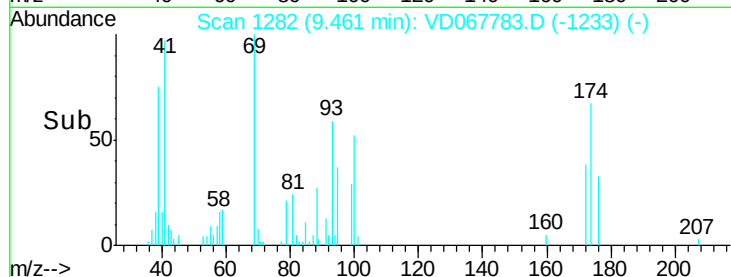
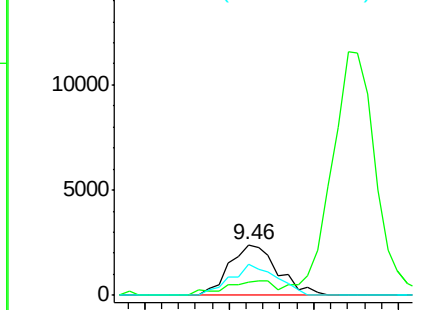


Abundance

Ion 88.00 (87.70 to 88.70): VDC

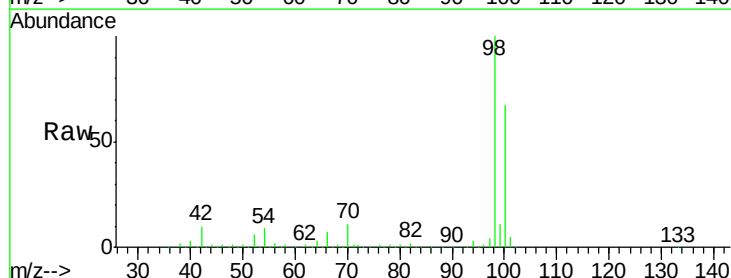
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 54.555 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

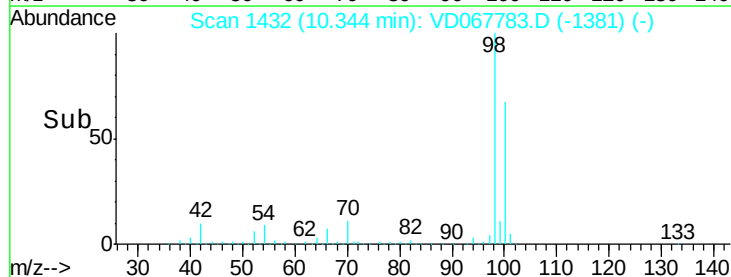
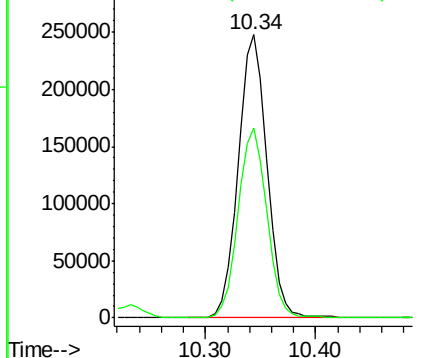
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.1	79.7

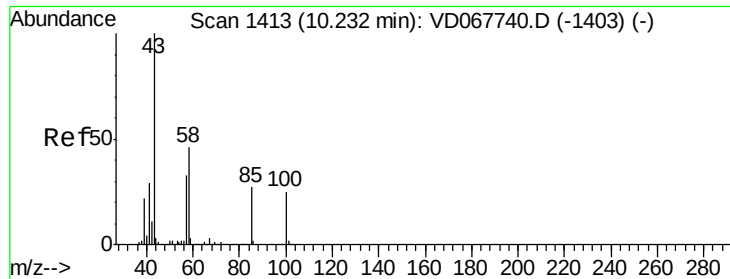


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





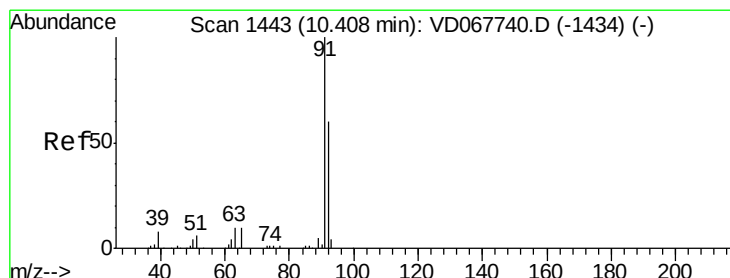
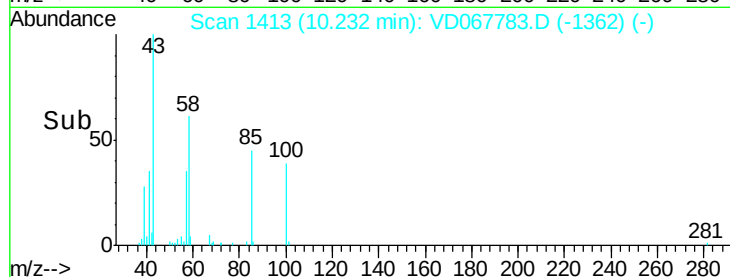
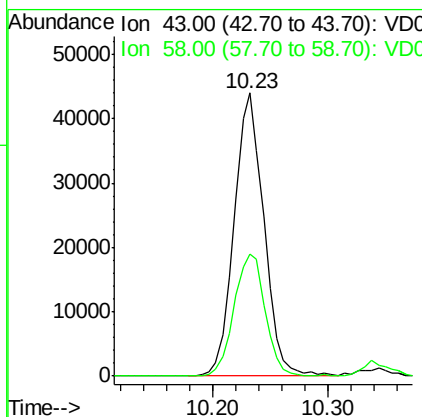
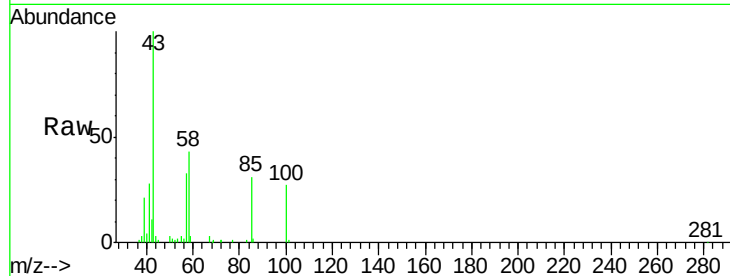
#51
4-Methyl-2-Pentanone
Concen: 101.274 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleID :
VD1125SBS01

Tot Ion: 43 Resp: 78437
Ion Ratio Lower Upper
43 100
58 44.9 34.7 52.1

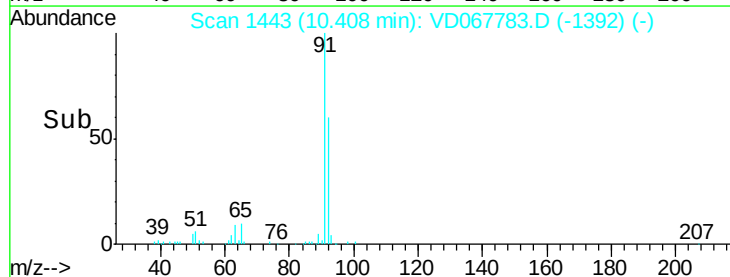
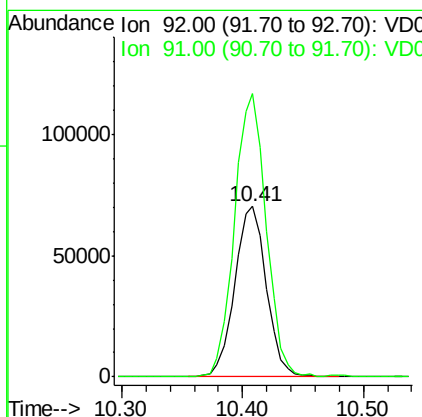
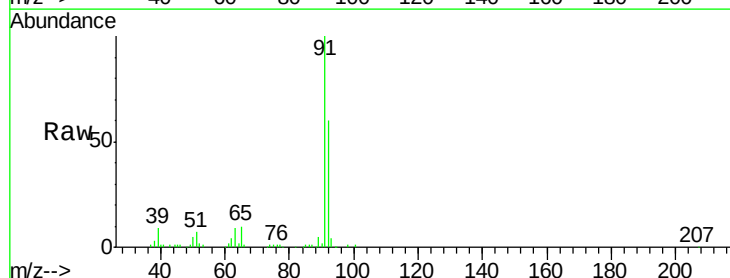
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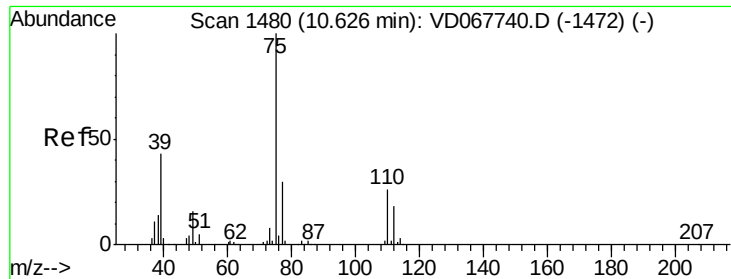
MMDadoda
11/30/2020 9:58:58 AM



#52
Toluene
Concen: 22.514 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion: 92 Resp: 128573
Ion Ratio Lower Upper
92 100
91 165.8 135.4 203.0





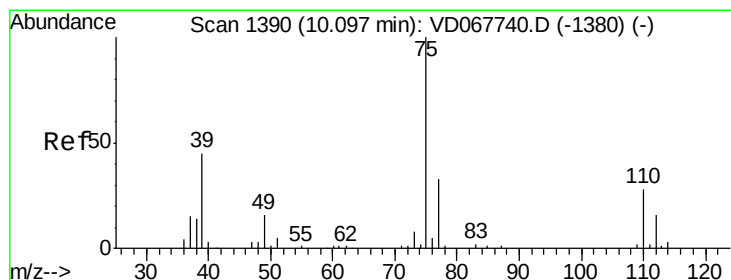
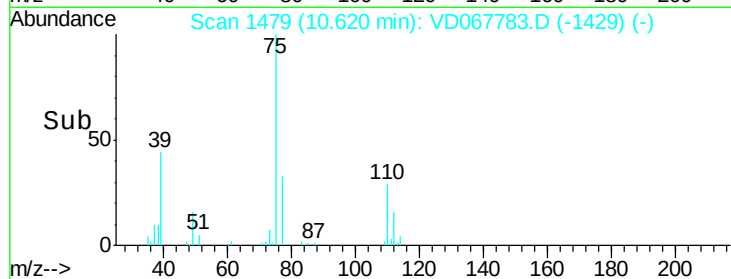
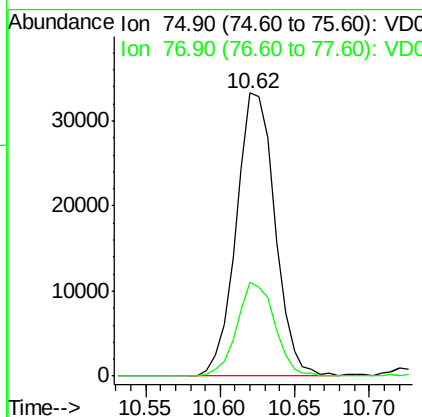
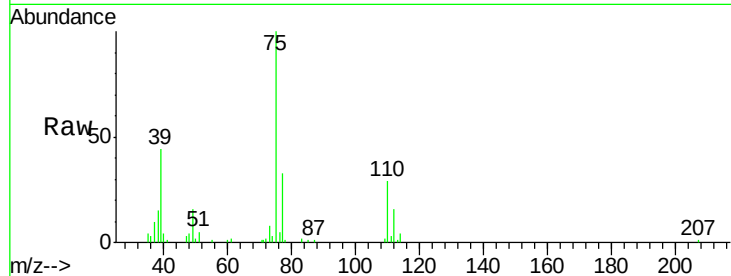
#53
 t-1,3-Dichloropropene
 Concen: 20.960 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 75 Resp: 59967
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.2 36.4

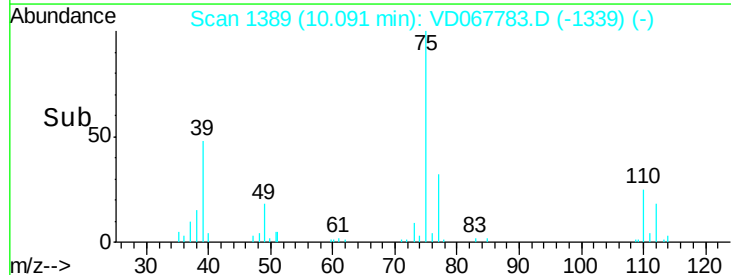
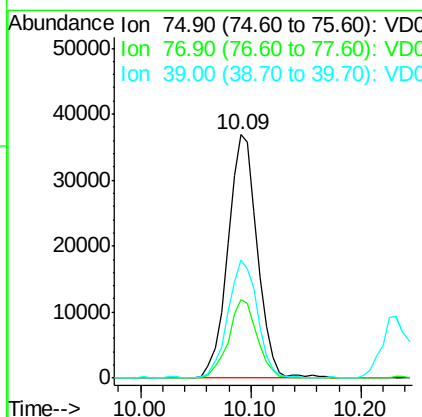
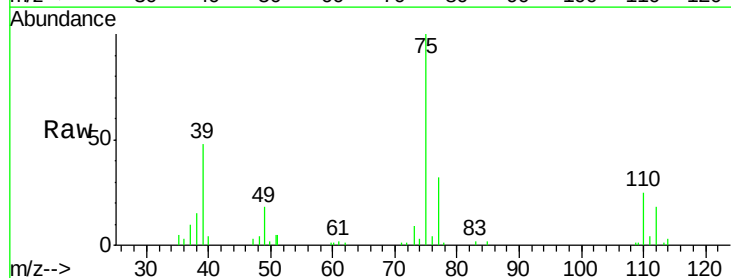
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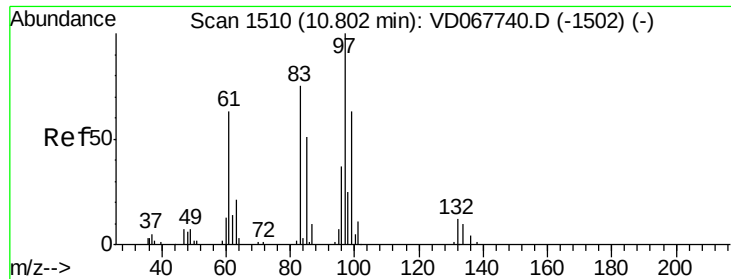
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 11/30/2020 9:58:58 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.263 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion: 75 Resp: 68846
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 48.5 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 21.163 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

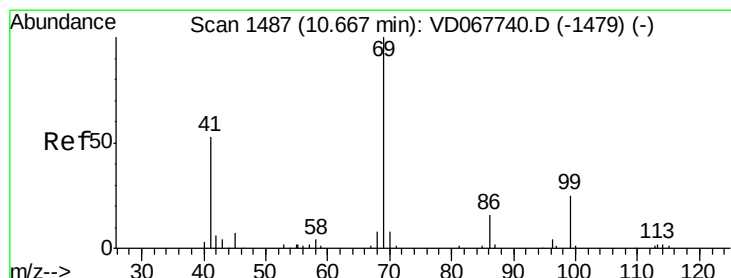
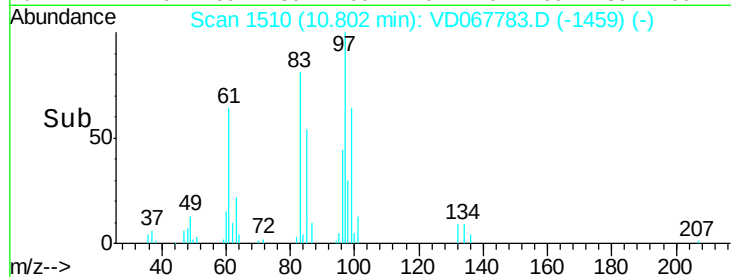
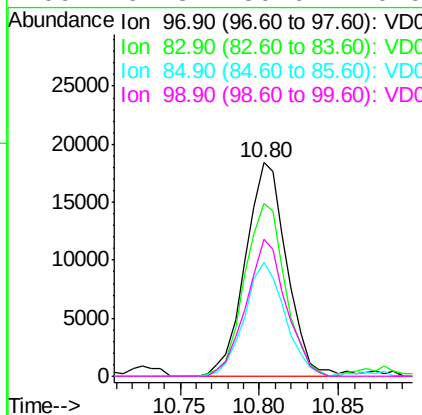
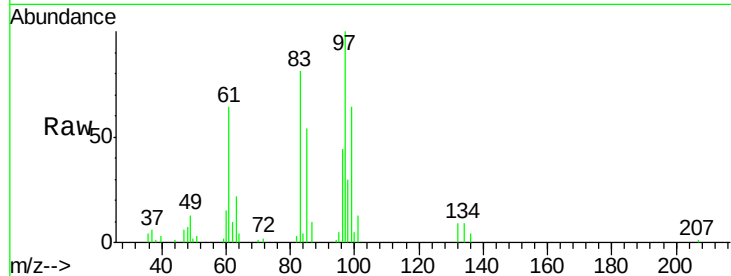
ClientSampleId :

VD1125SBS01

Tot Ion:	97	Resp:	33394
Ion	Ratio	Lower	Upper
97	100		
83	80.8	60.2	90.4
85	53.6	40.5	60.7
99	64.3	50.6	76.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.325 ug/l

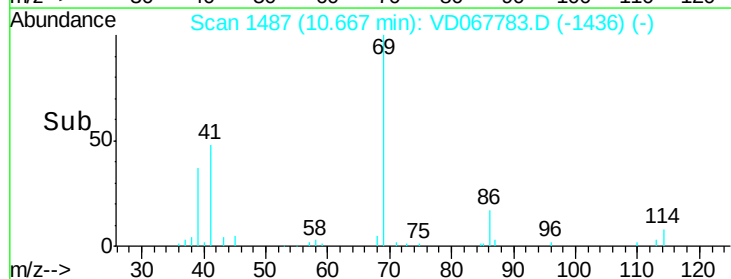
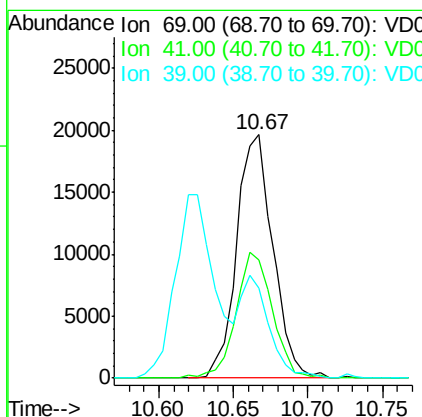
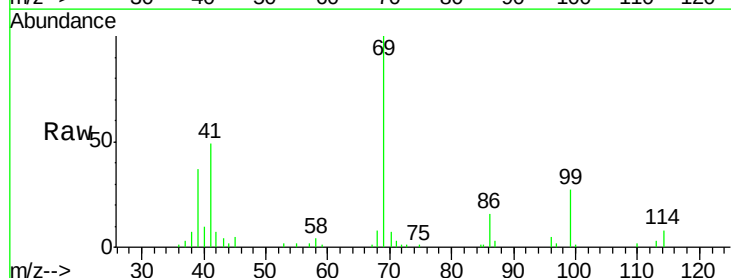
RT: 10.67 min Scan# 1487

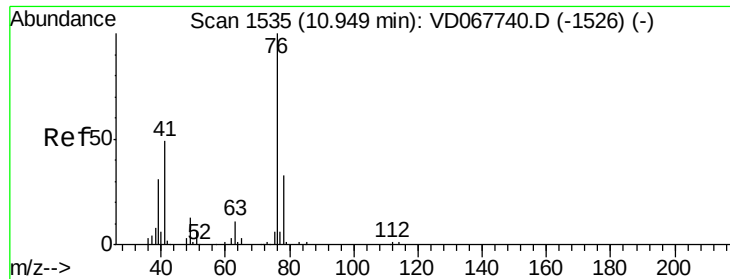
Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	69	Resp:	33204
Ion	Ratio	Lower	Upper
69	100		
41	51.8	43.4	65.0
39	33.2	29.6	44.4





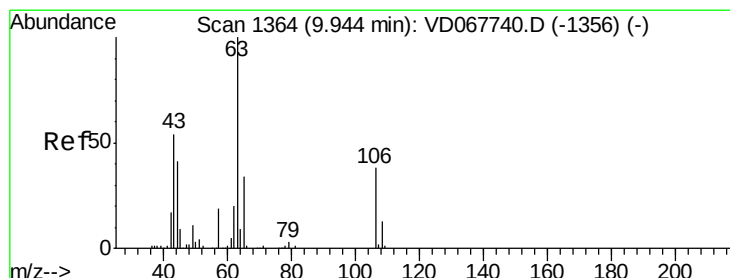
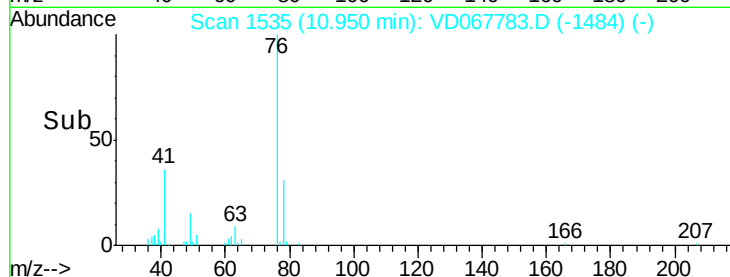
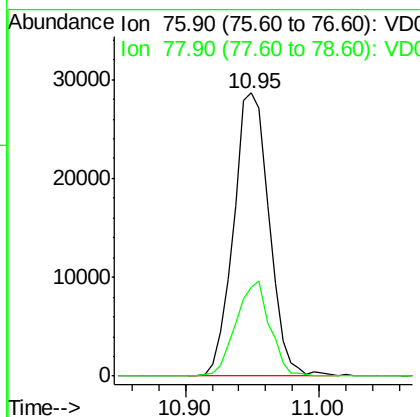
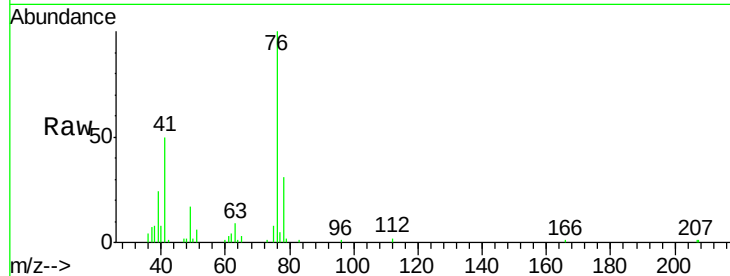
#57
 1,3-Dichloropropane
 Concen: 21.259 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 76 Resp: 52890
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

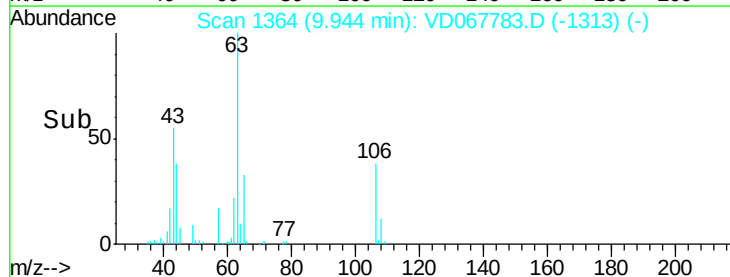
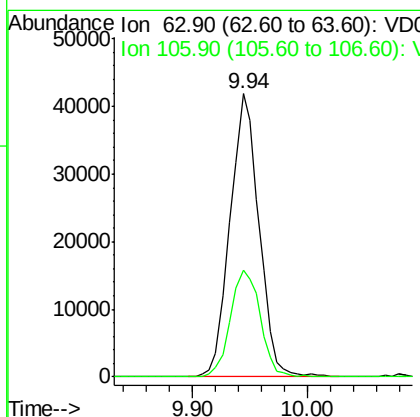
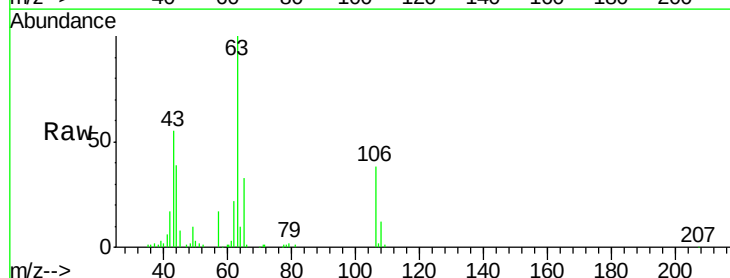
Manual Integrations
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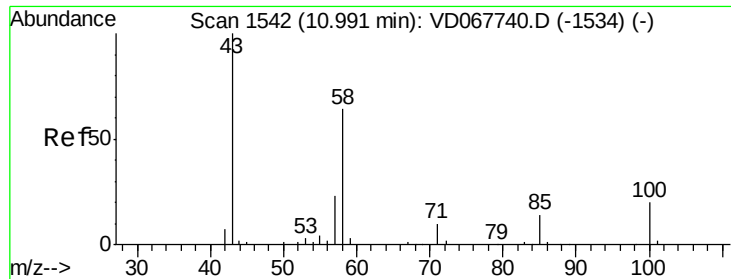
MMDadoda
 11/30/2020 9:58:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.122 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion: 63 Resp: 72608
 Ion Ratio Lower Upper
 63 100
 106 38.9 31.0 46.6





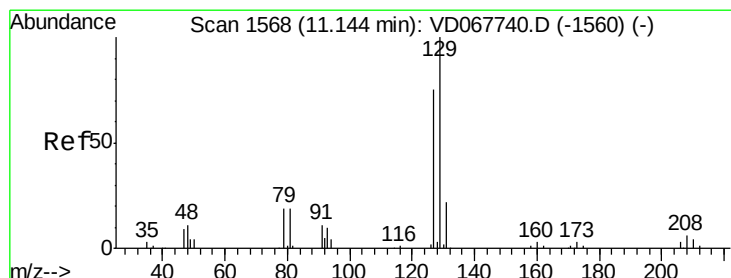
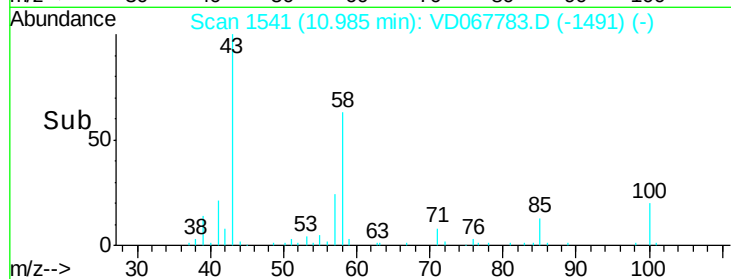
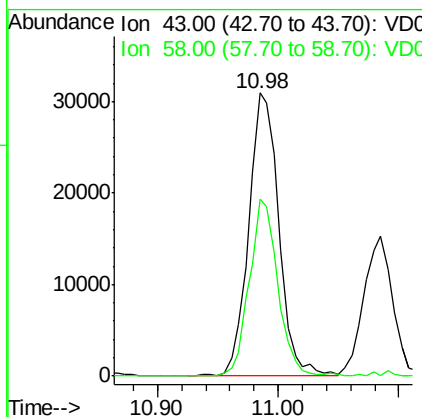
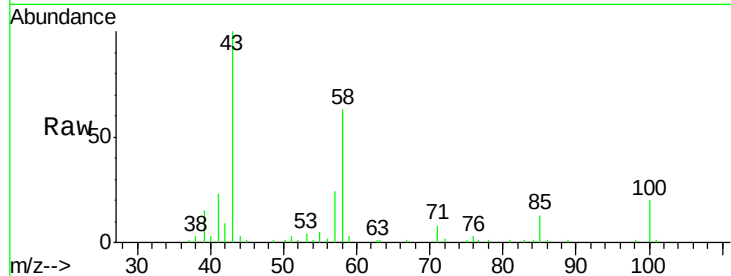
#59
2-Hexanone
Concen: 98.678 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion: 43 Resp: 53959
Ion Ratio Lower Upper
43 100
58 58.7 30.5 91.5

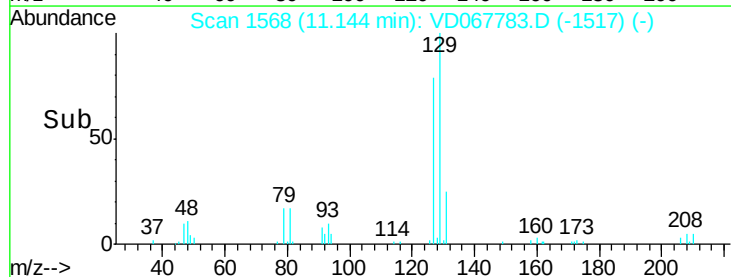
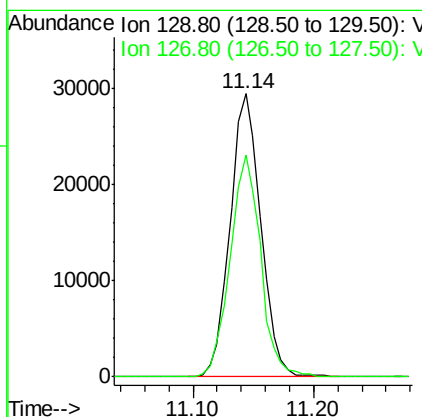
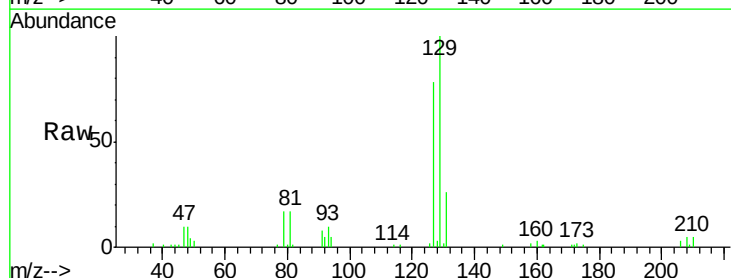
Manual Integrations
APPROVED

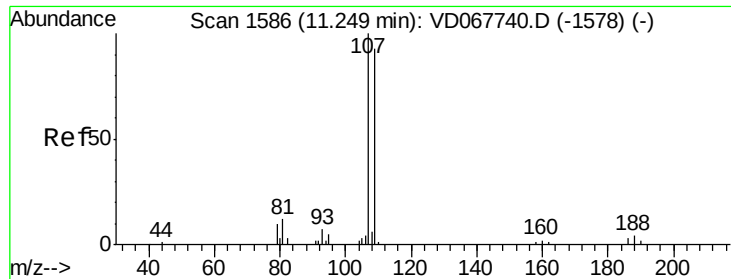
MMDadoda
11/30/2020 9:58:58 AM



#60
Dibromochloromethane
Concen: 21.745 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion: 129 Resp: 52286
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





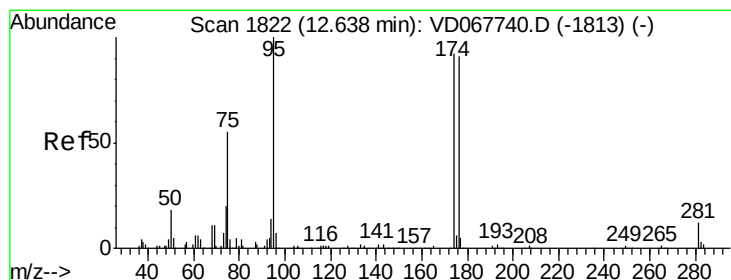
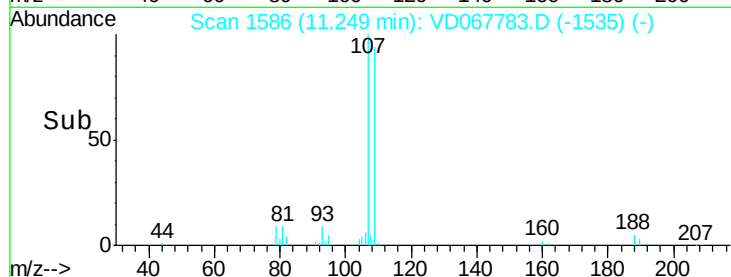
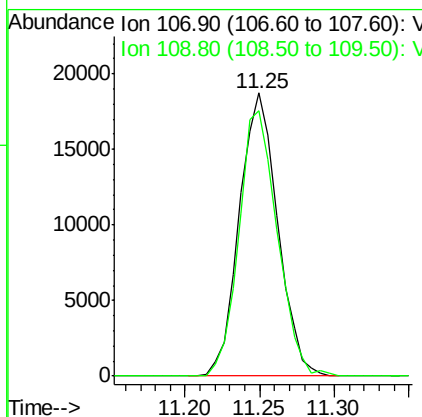
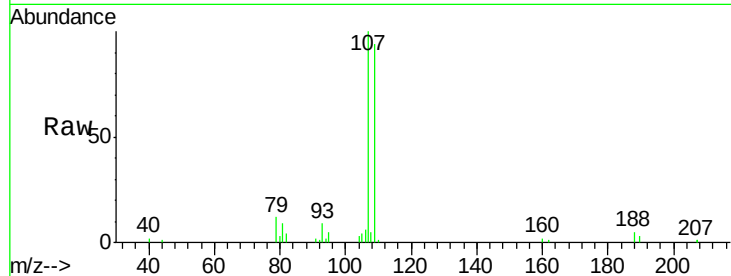
#61
 1,2-Dibromoethane
 Concen: 21.411 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7

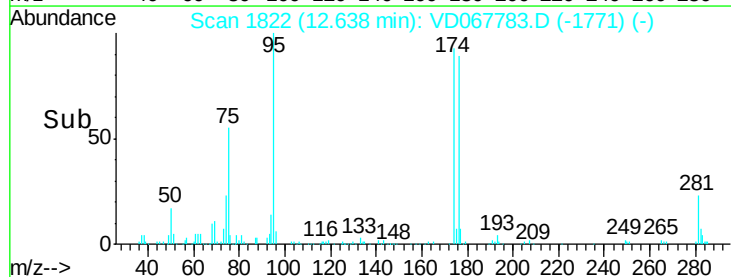
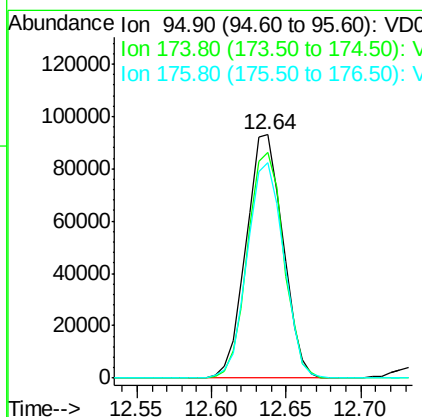
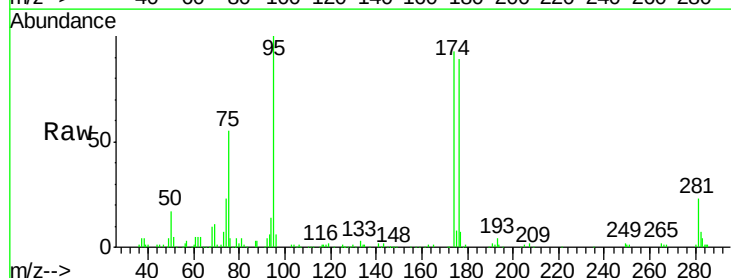
Manual Integrations
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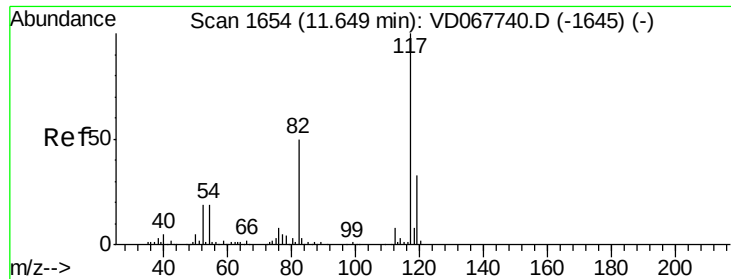
MMDadoda
 11/30/2020 9:58:58 AM



#62
 4-Bromofluorobenzene
 Concen: 55.857 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	182.4
176	87.6	0.0	178.2





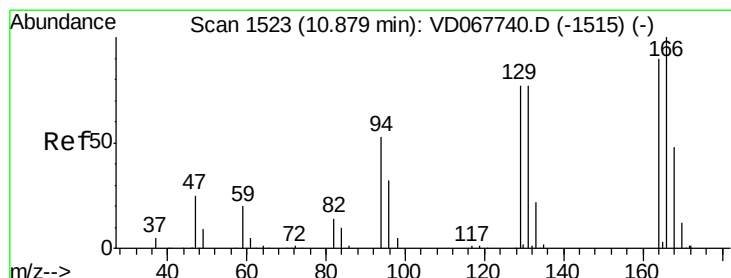
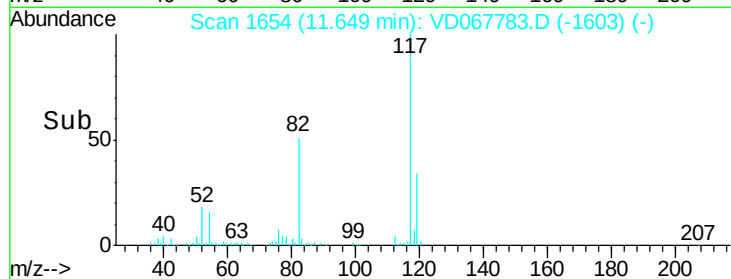
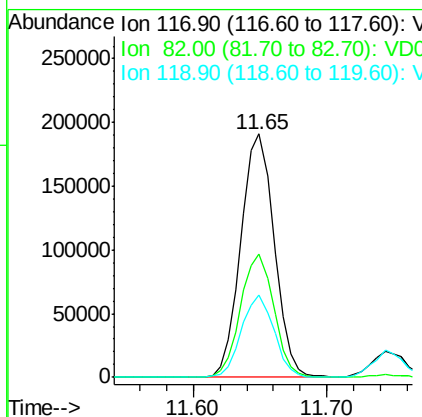
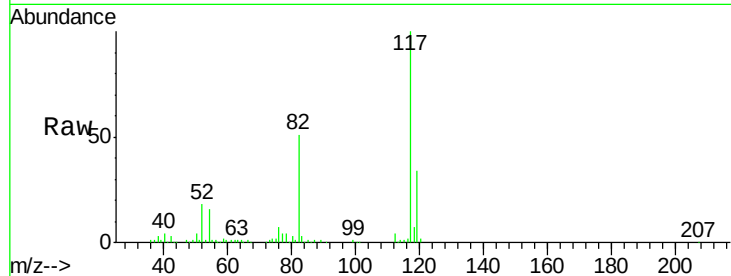
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	33.6	26.5	39.7

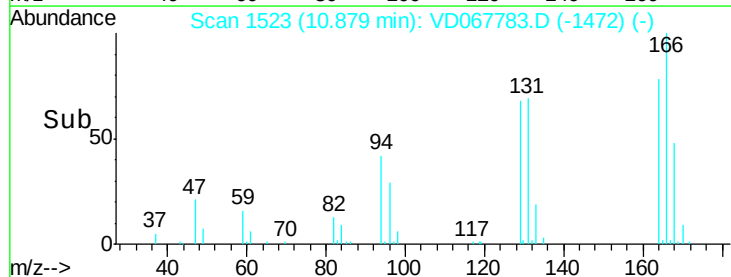
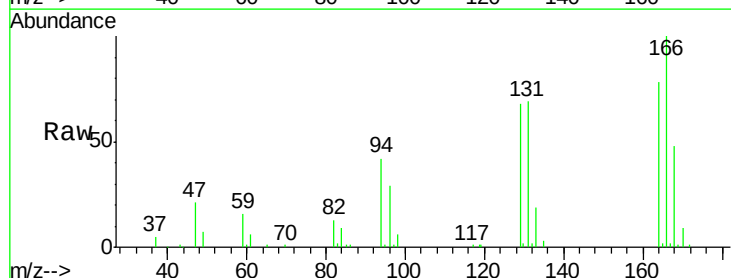
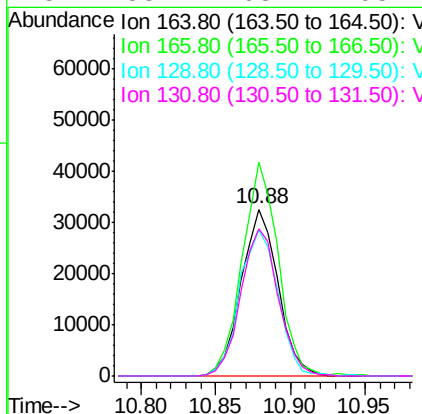
Manual Integrations
APPROVED

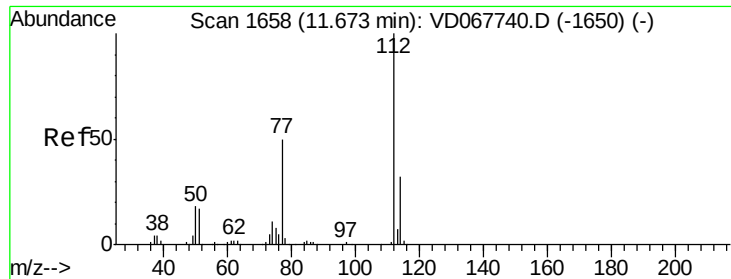
MMDadoda
11/30/2020 9:58:58 AM



#64
Tetrachloroethene
Concen: 21.589 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	89.2	133.8
129	87.7	68.4	102.6
131	88.1	68.7	103.1





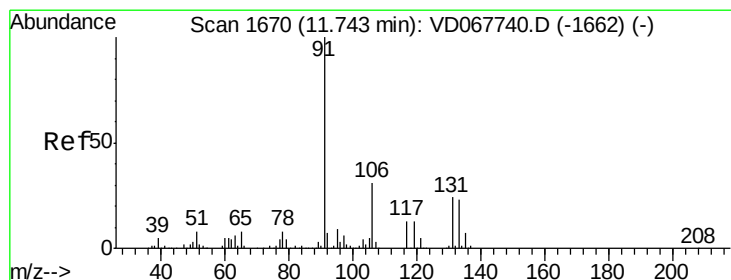
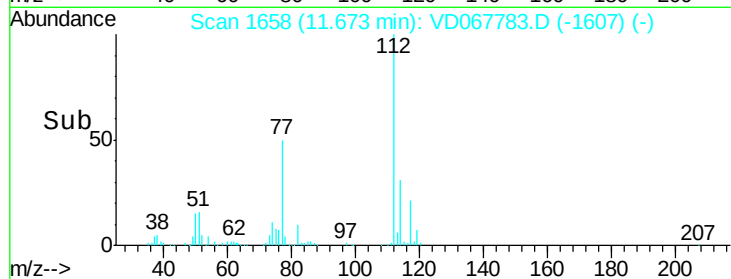
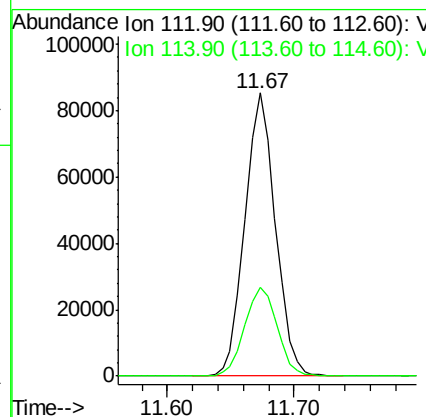
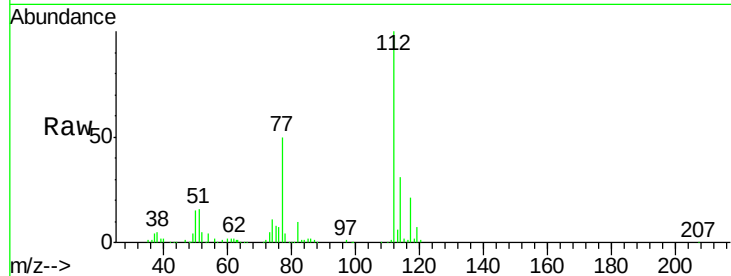
#65
Chlorobenzene
Concen: 21.865 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.8

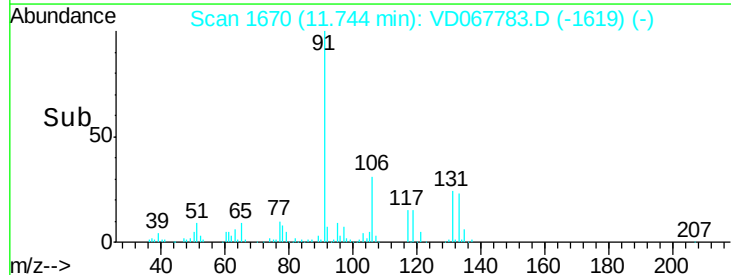
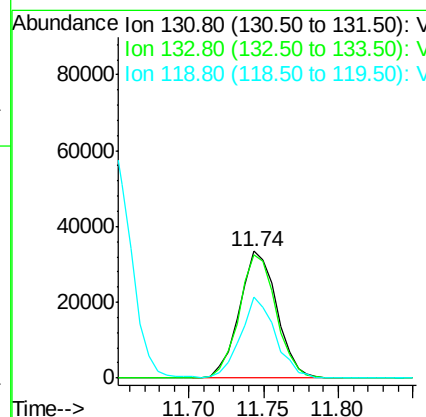
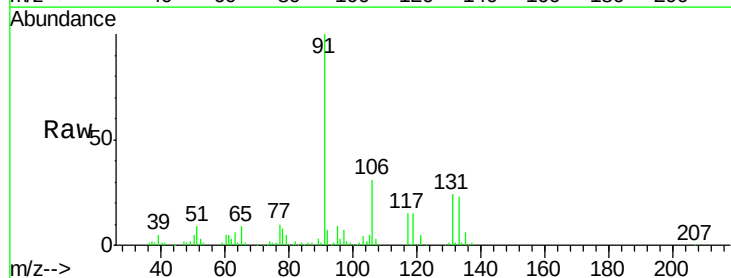
Manual Integrations
APPROVED

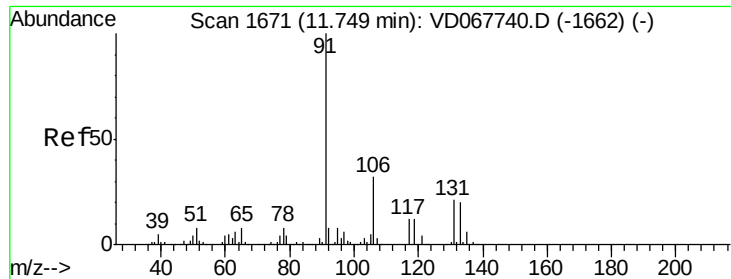
MMDadoda
11/30/2020 9:58:58 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.097 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	49.0	147.0
119	59.4	28.8	86.5





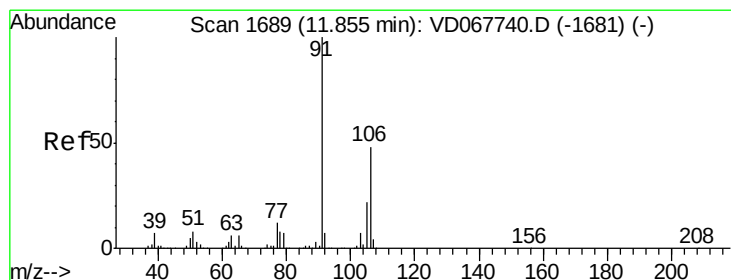
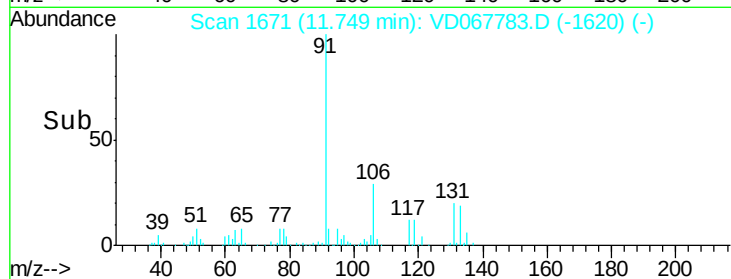
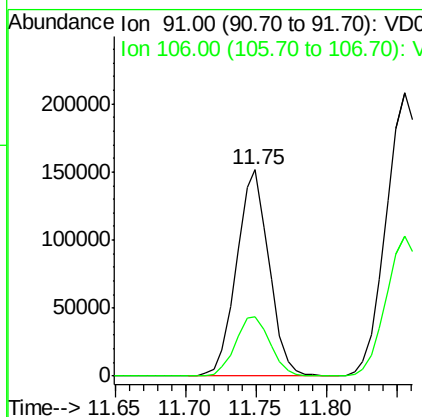
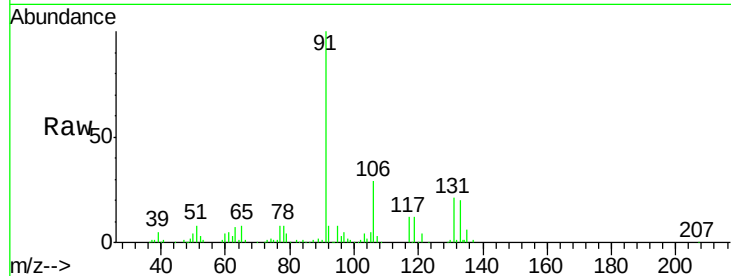
#67
Ethyl Benzene
Concen: 21.576 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion: 91 Resp: 242876
Ion Ratio Lower Upper
91 100
106 28.8 25.7 38.5

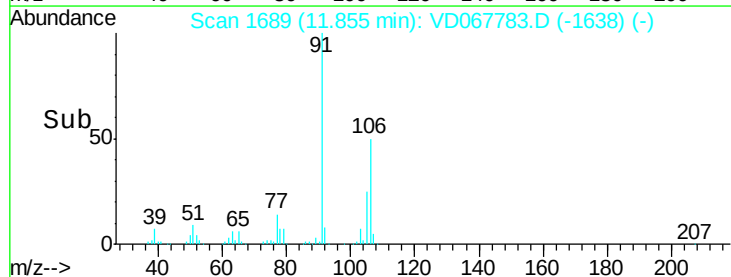
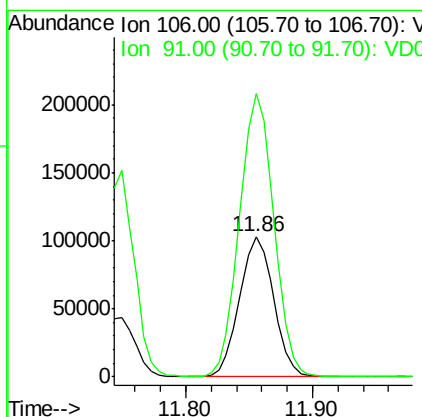
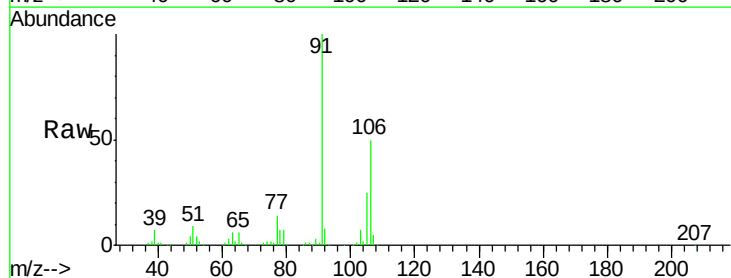
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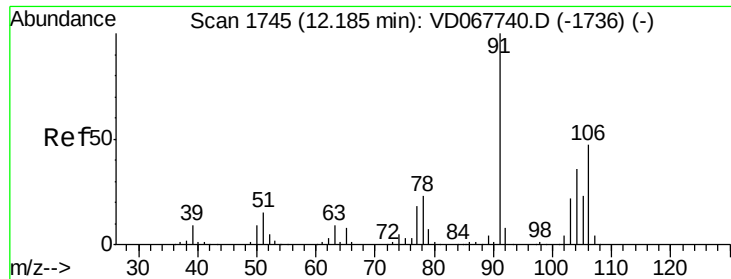
MMDadoda
11/30/2020 9:58:58 AM



#68
m/p-Xylenes
Concen: 43.978 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion: 106 Resp: 192650
Ion Ratio Lower Upper
106 100
91 203.7 163.0 244.6





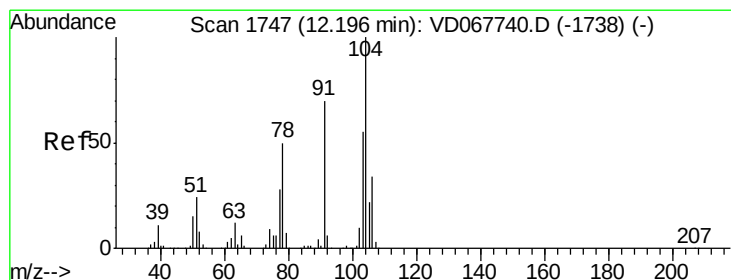
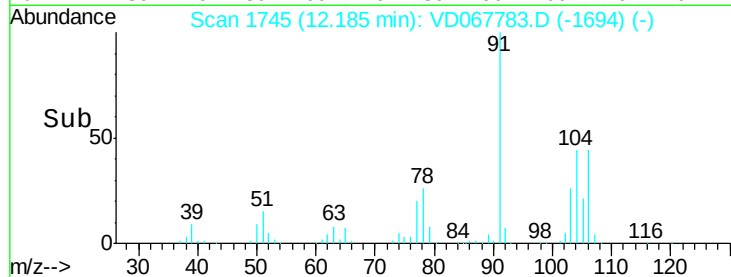
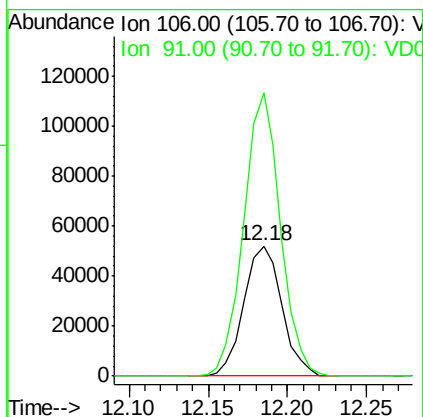
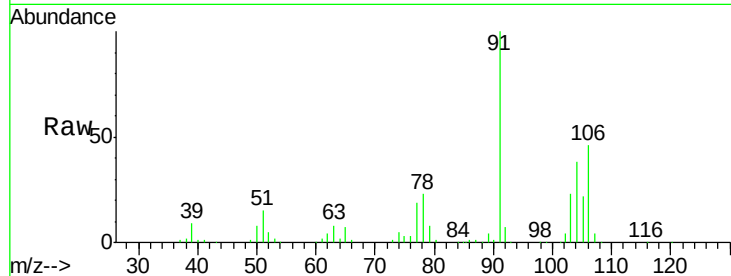
#69
o-Xylene
Concen: 21.883 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion:106 Resp: 87279
Ion Ratio Lower Upper
106 100
91 208.6 106.2 318.6

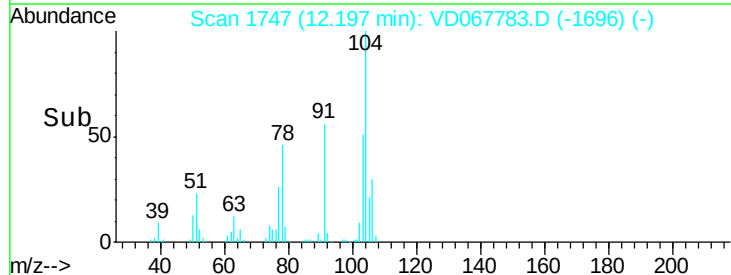
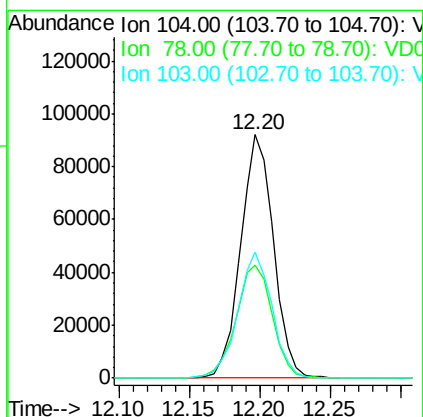
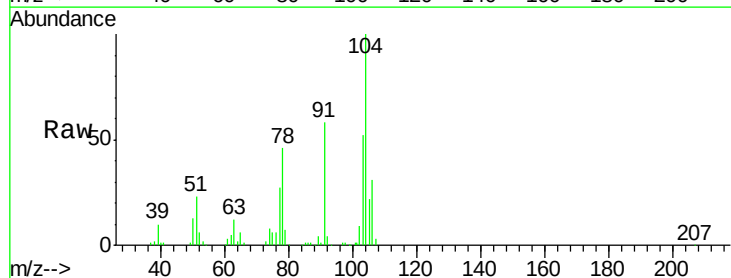
Manual Integrations
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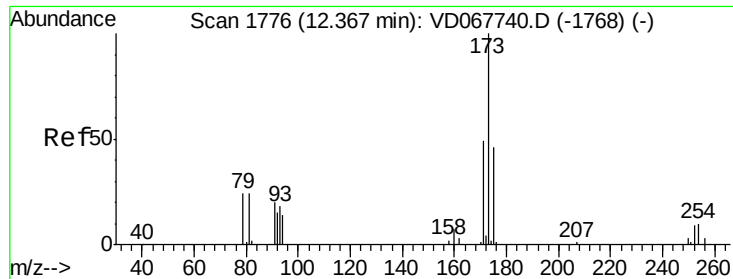
MMDadoda
11/30/2020 9:58:58 AM



#70
Styrene
Concen: 22.081 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion:104 Resp: 150010
Ion Ratio Lower Upper
104 100
78 51.5 41.9 62.9
103 53.8 44.1 66.1





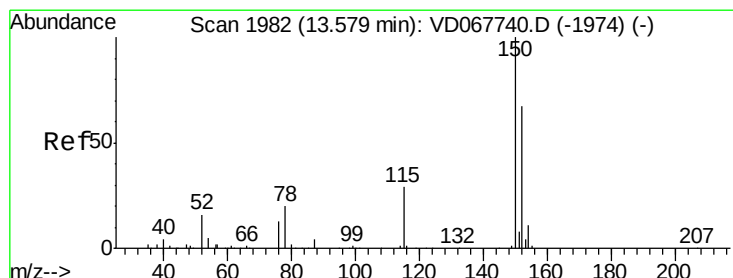
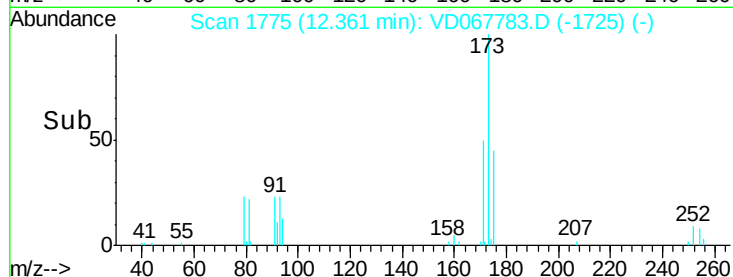
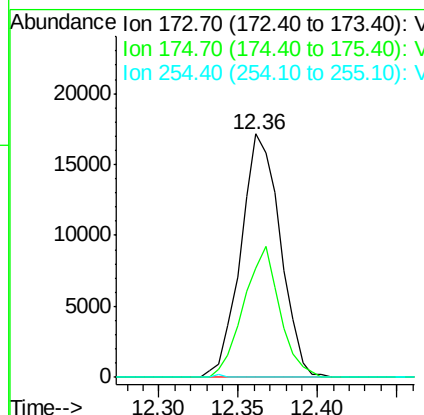
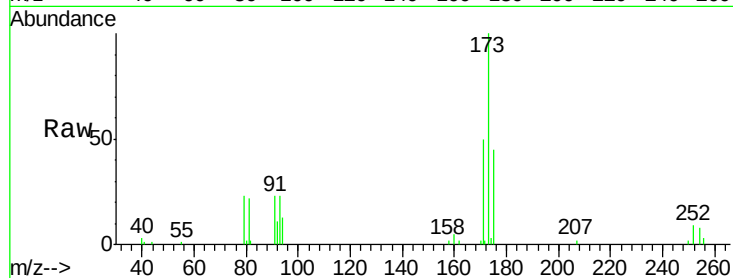
#71
Bromoform
Concen: 20.680 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.7
254	0.0	0.0	0.0

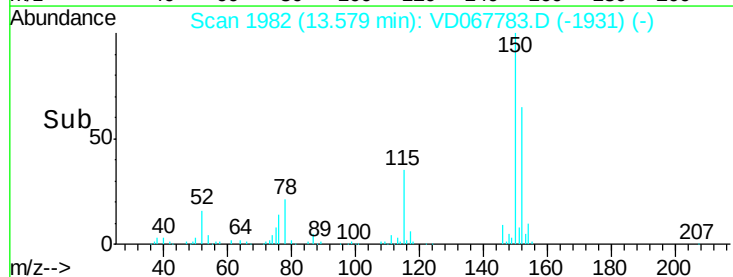
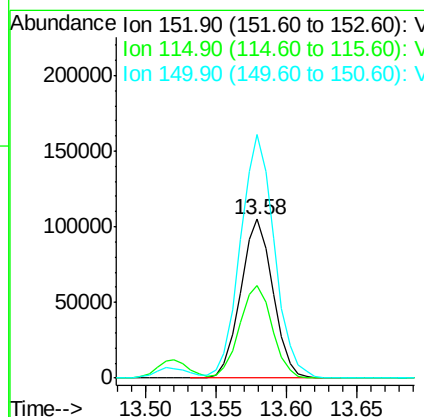
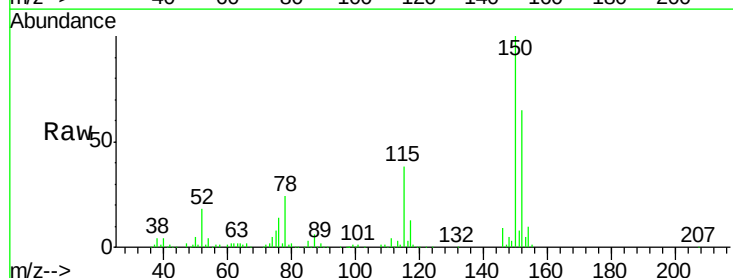
Manual Integrations
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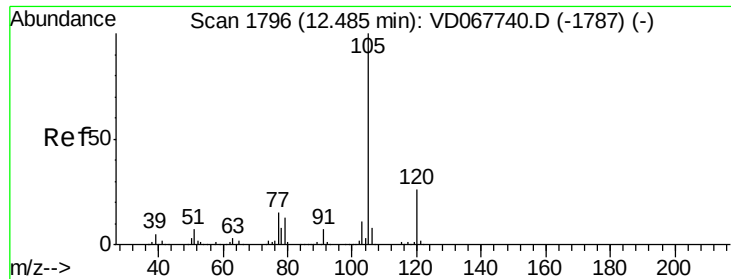
MMDadoda
11/30/2020 9:58:58 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.4	88.3
150	161.7	0.0	340.6





#73

Isopropylbenzene

Concen: 21.890 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion:105 Resp: 241830

Ion Ratio Lower Upper

105 100

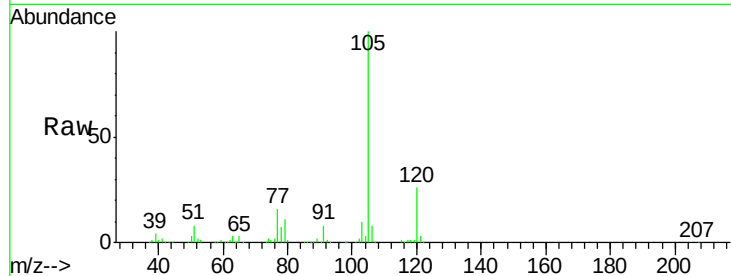
120 27.5 13.2 39.6

Manual Integrations

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11/30/2020 9:58:58 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

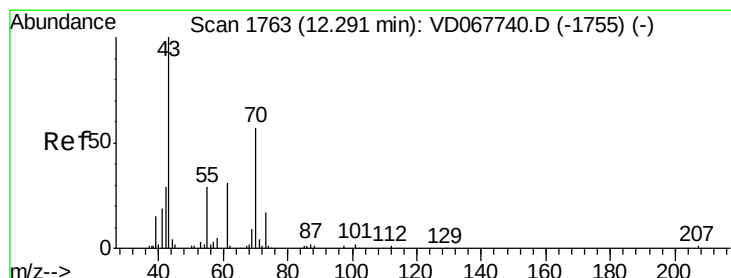
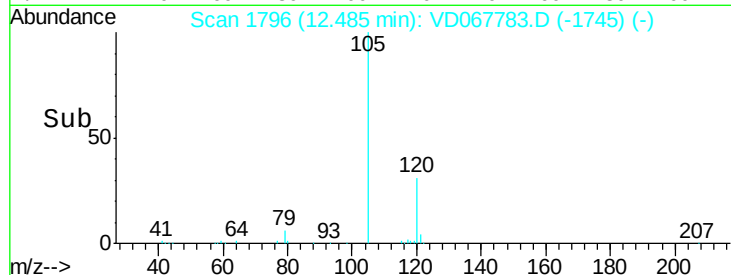
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.478 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion: 43 Resp: 28377

Ion Ratio Lower Upper

43 100

70 55.4 44.6 66.8

55 32.2 24.2 36.2

61 29.4 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

25000

20000

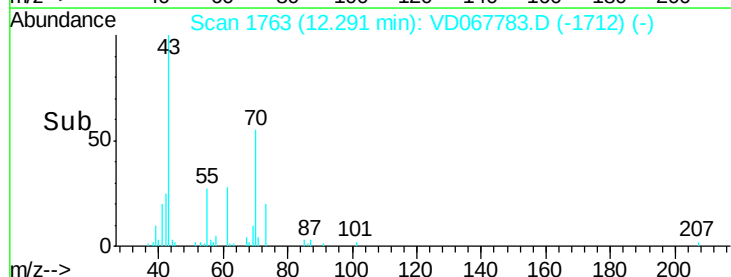
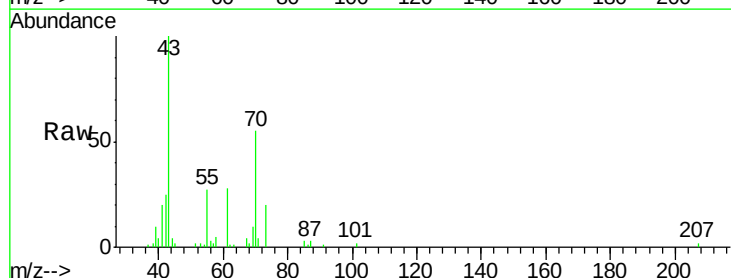
15000

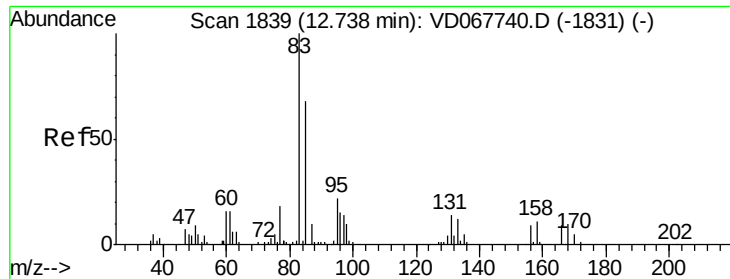
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.730 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

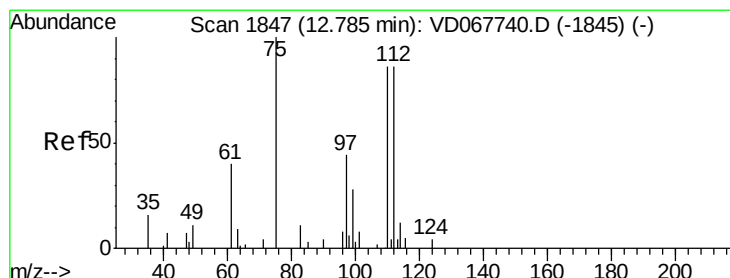
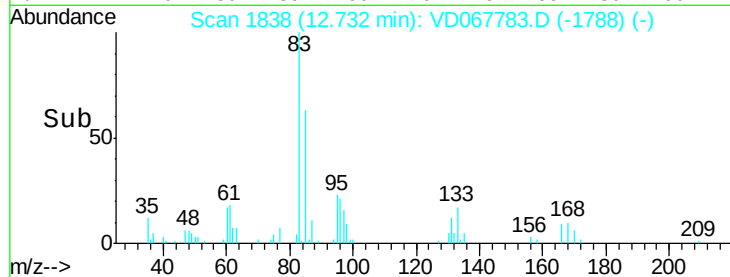
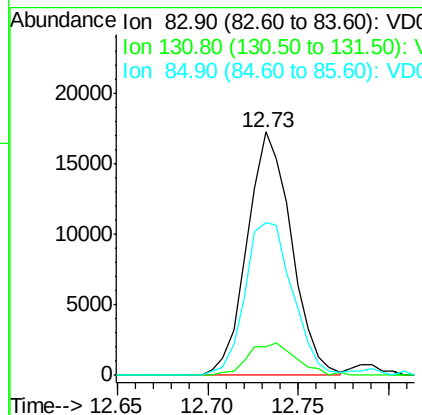
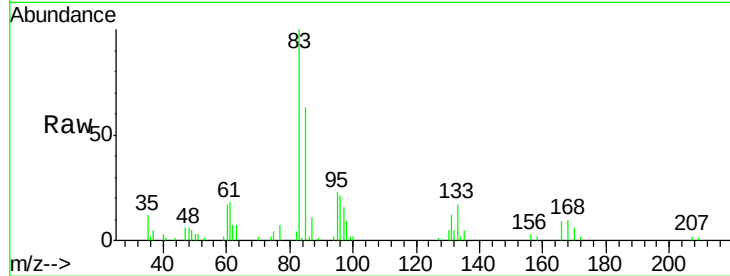
ClientSampleId :

VD1125SBS01

Tot Ion:	83	Resp:	29252
Ion Ratio	Lower	Upper	
83	100		
131	14.5	8.1	24.1
85	67.6	33.9	101.7

Manual Integrations
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MMDadoda
11/30/2020 9:58:58 AM



#76

1,2,3-Trichloropropane

Concen: 19.971 ug/l m

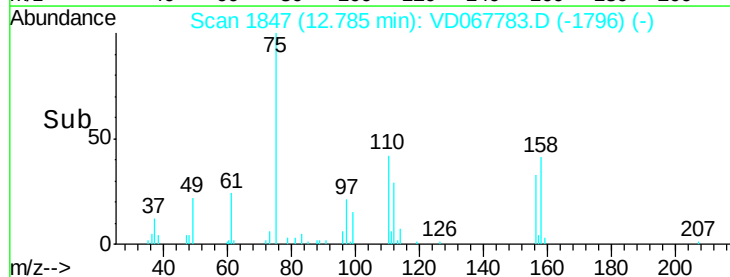
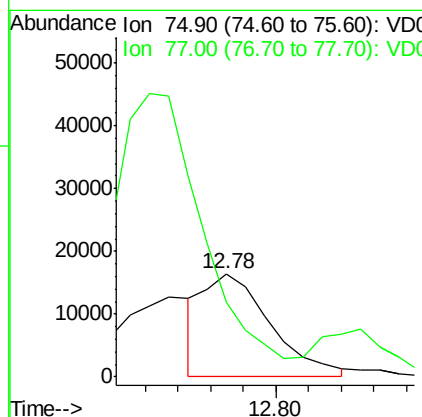
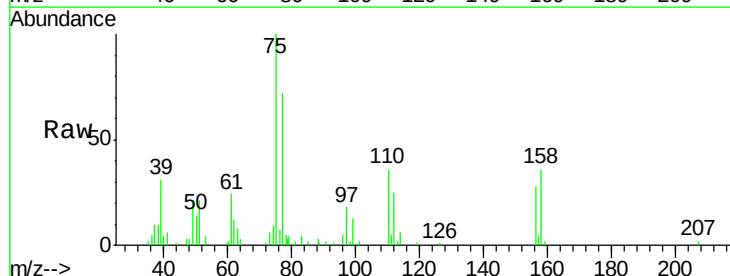
RT: 12.78 min Scan# 1847

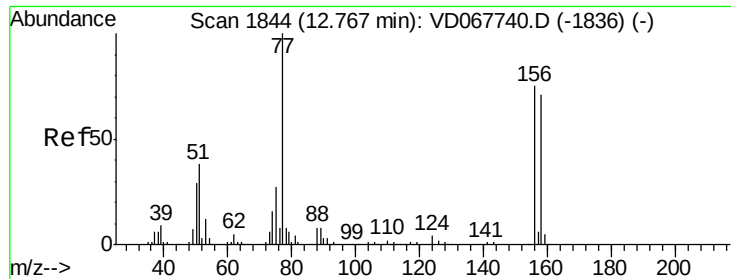
Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	75	Resp:	23370
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.342 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

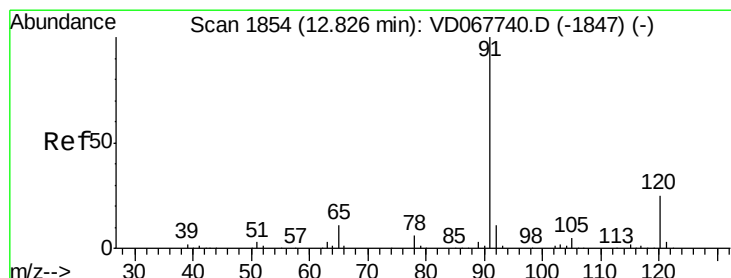
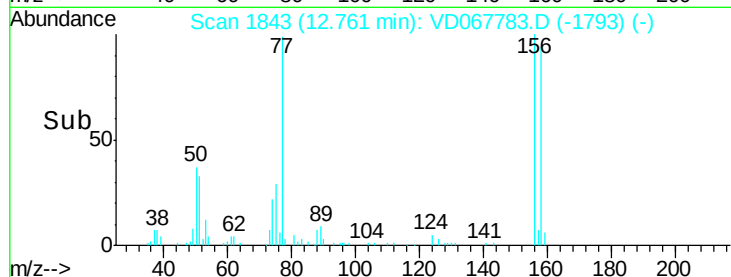
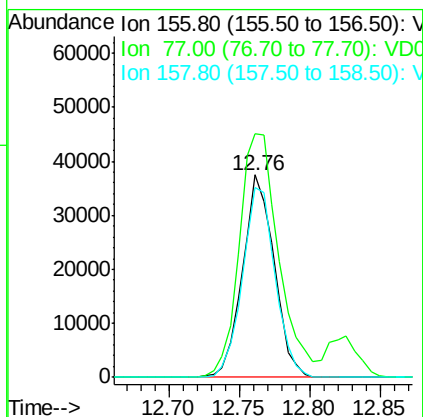
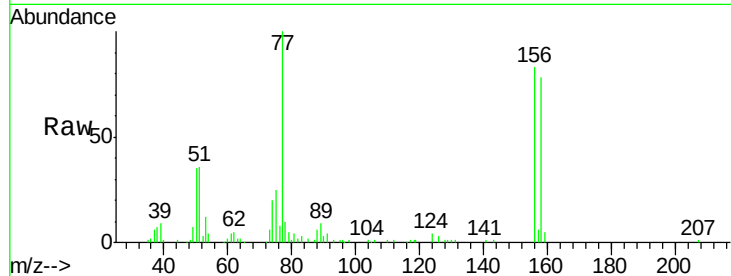
VD1125SBS01

Tot Ion:156 Resp: 59020

Ion	Ratio	Lower	Upper
156	100		
77	149.2	73.5	220.3
158	96.9	48.1	144.4

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#78

n-propylbenzene

Concen: 22.558 ug/l

RT: 12.82 min Scan# 1853

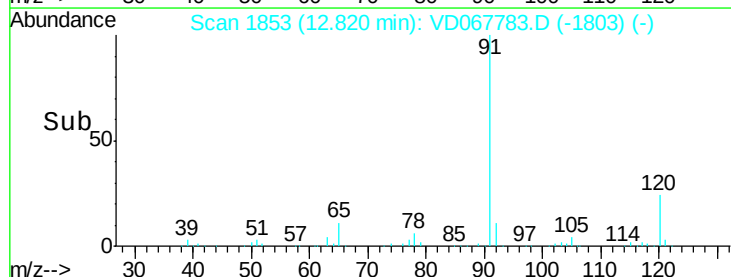
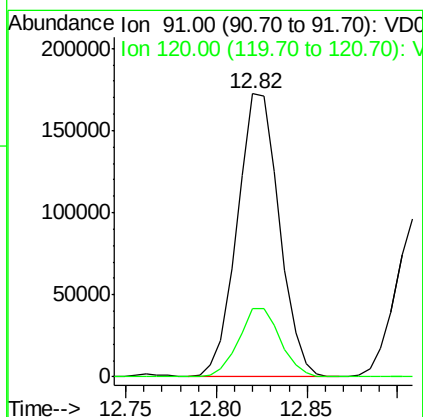
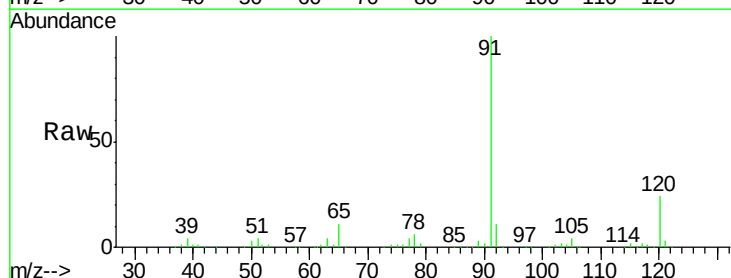
Delta R.T. -0.01 min

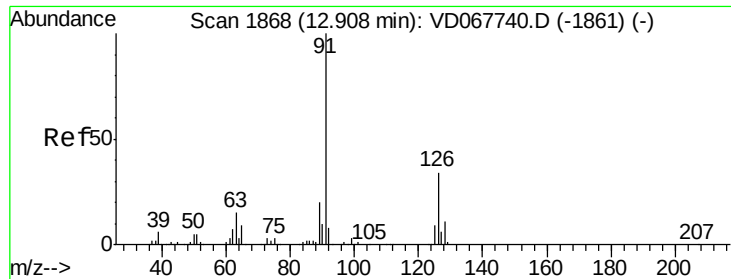
Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion: 91 Resp: 277255

Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.4	37.4





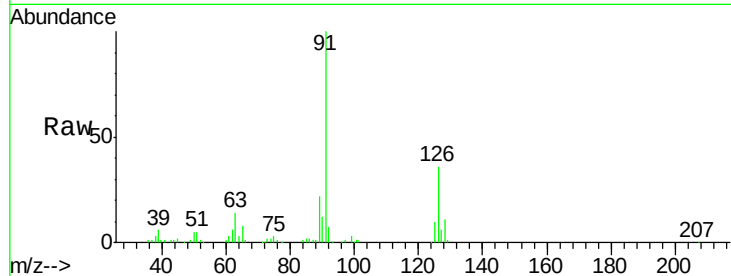
#79
 2-Chlorotoluene
 Concen: 21.734 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

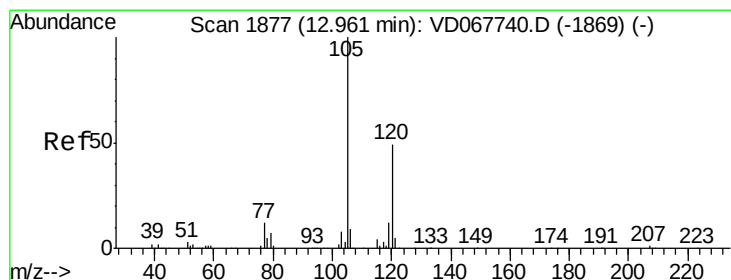
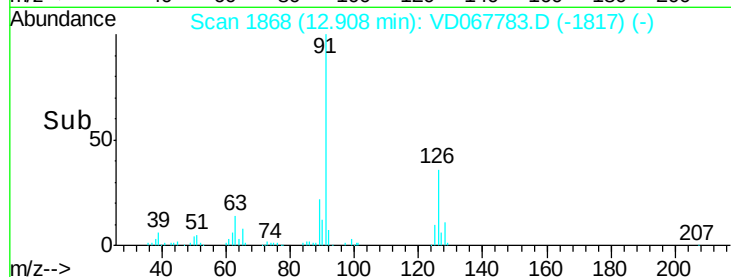
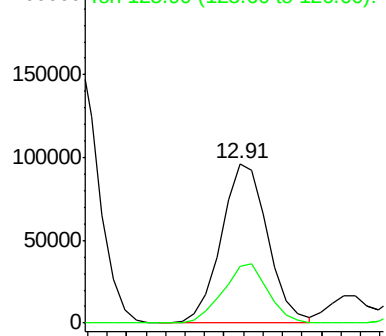
Tot Ion: 91 Resp: 158157
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7

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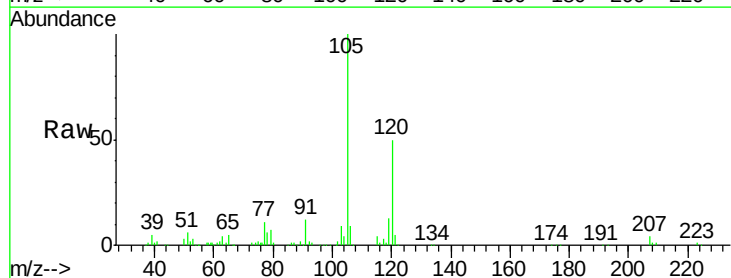


Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD067740.D (-1861) (-)

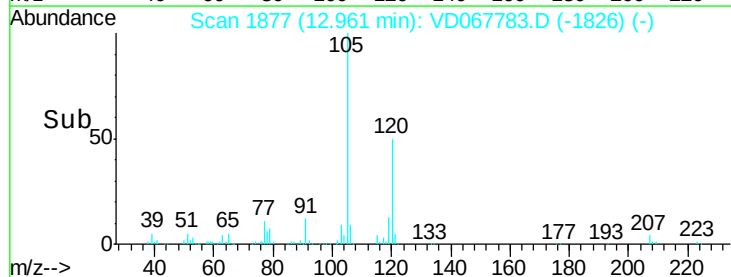
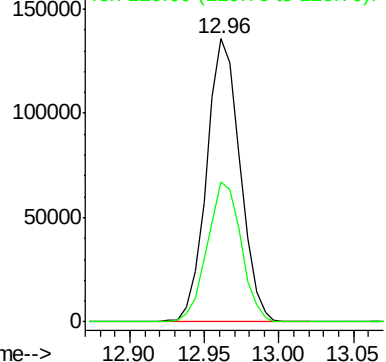


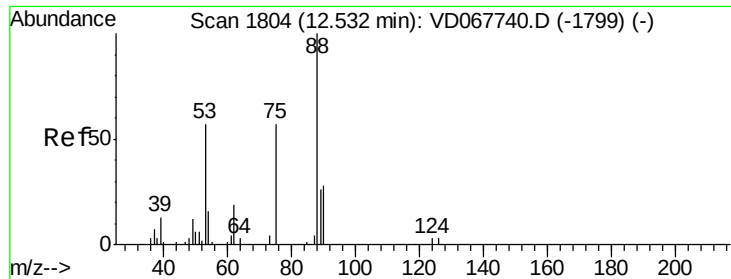
#80
 1,3,5-Trimethylbenzene
 Concen: 22.004 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion: 105 Resp: 211430
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)
 Ion 120.00 (119.70 to 120.70): VD067740.D (-1869) (-)





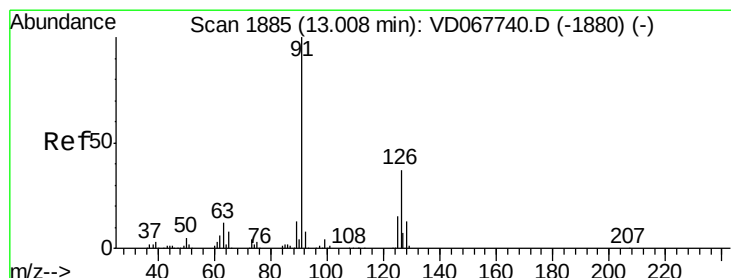
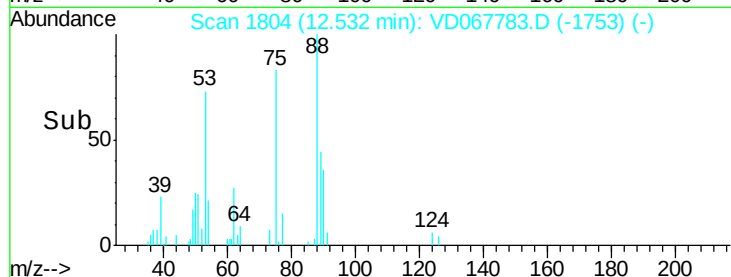
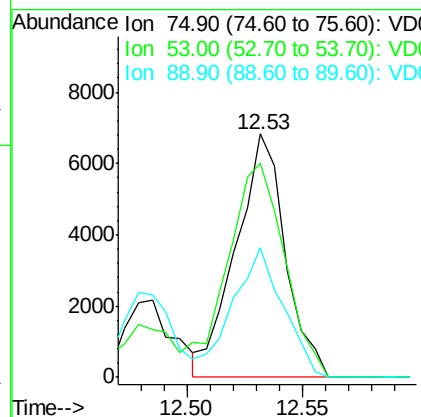
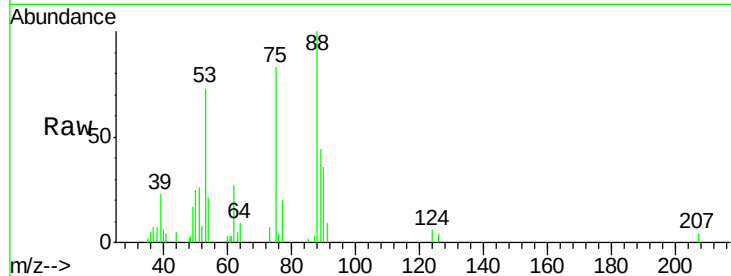
#81
trans-1,4-Dichloro-2-butene
Concen: 20.295 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	76.0	114.0
89	54.8	40.2	60.4

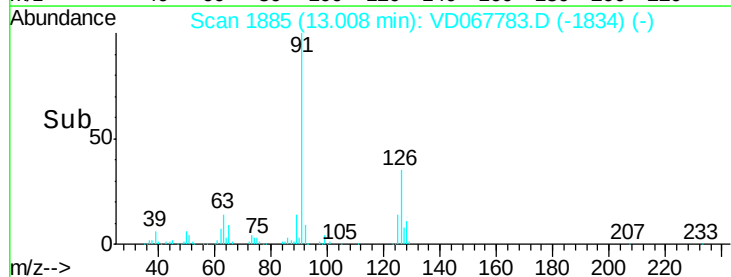
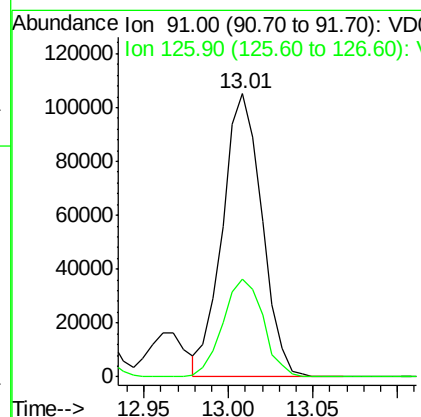
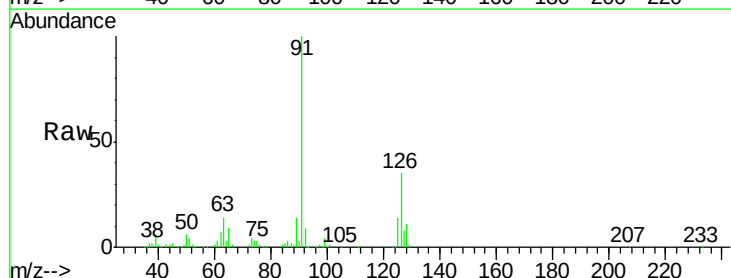
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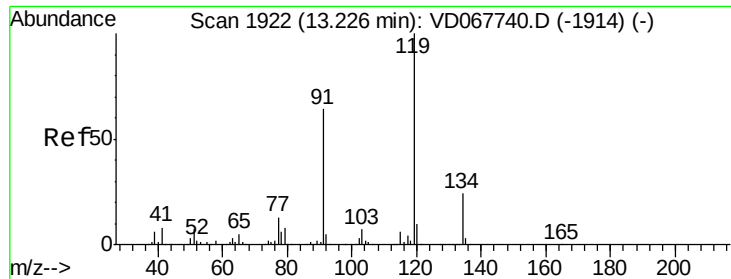
MMDadoda
11/30/2020 9:58:58 AM



#82
4-Chlorotoluene
Concen: 22.059 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.7	53.1





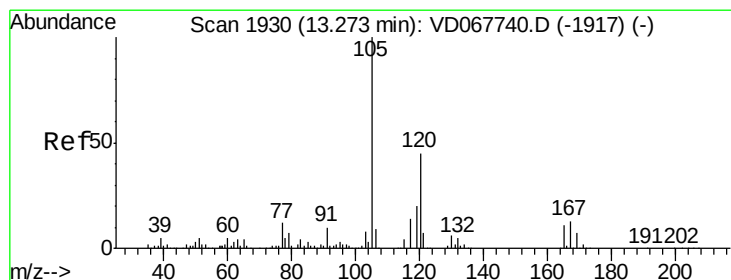
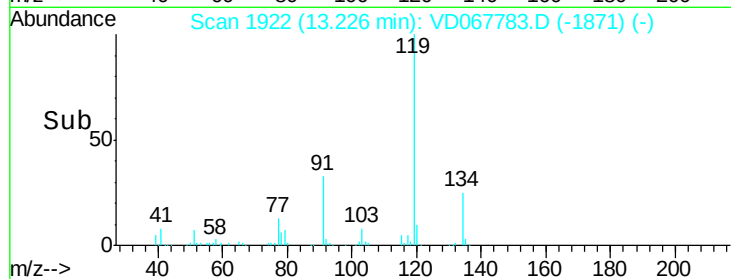
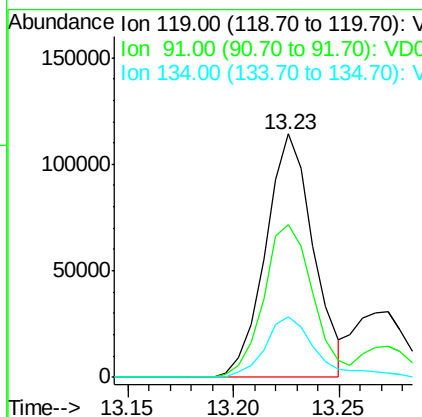
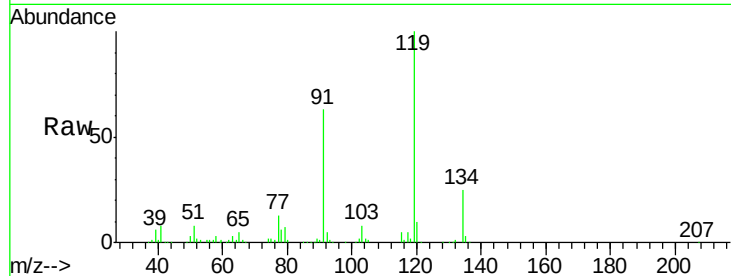
#83
 tert-Butylbenzene
 Concen: 21.757 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.9	98.7
134	26.9	12.9	38.6

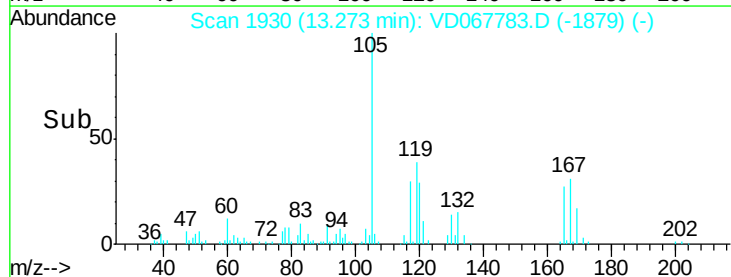
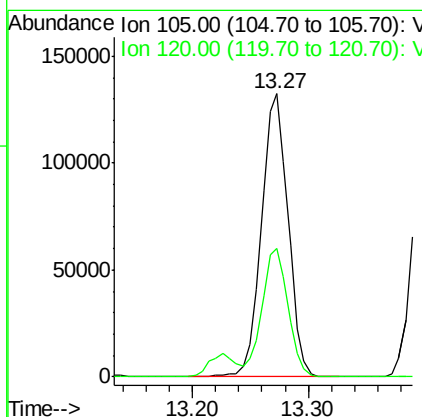
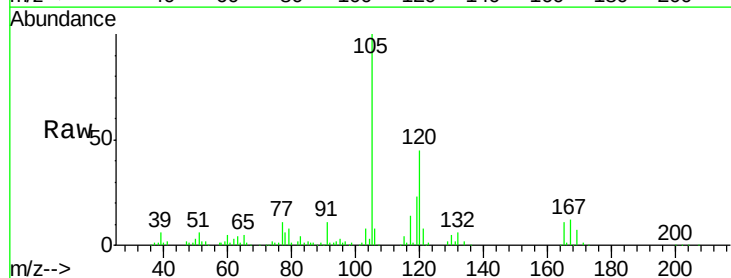
Manual Integrations
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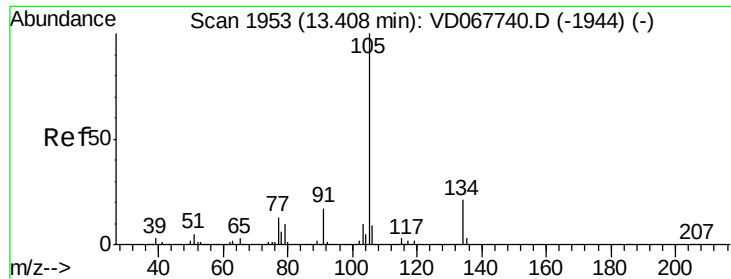
MMDadoda
 11/30/2020 9:58:58 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.193 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7





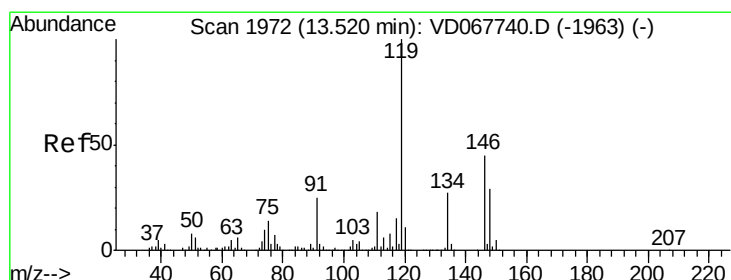
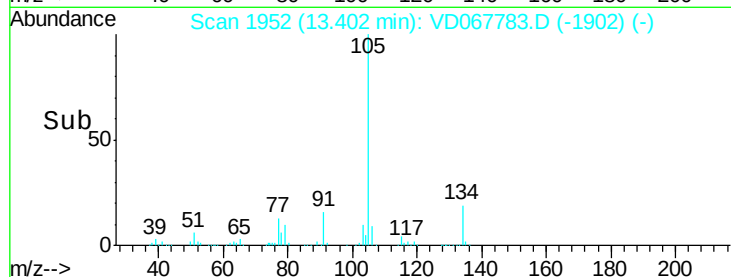
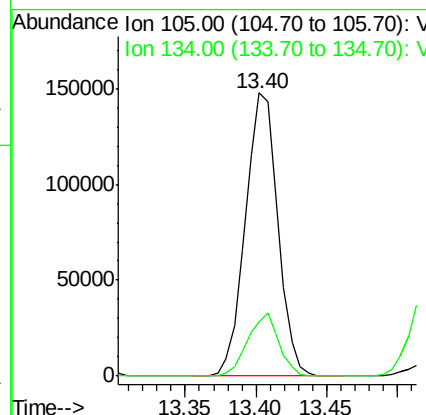
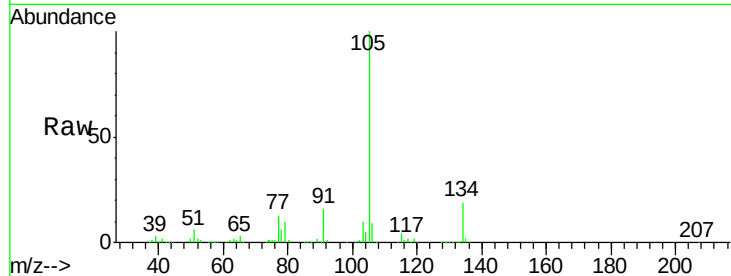
#85
 sec-Butylbenzene
 Concen: 21.943 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

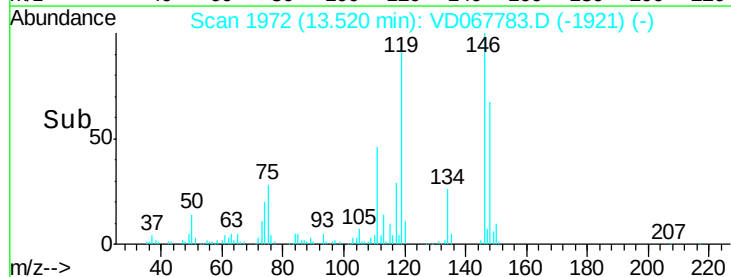
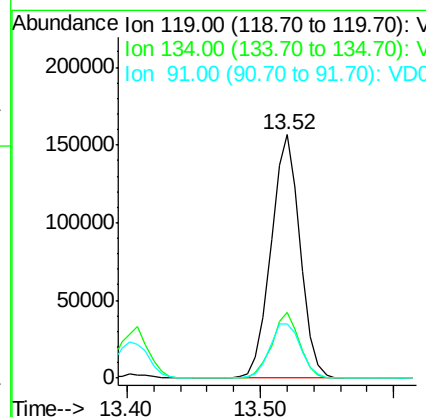
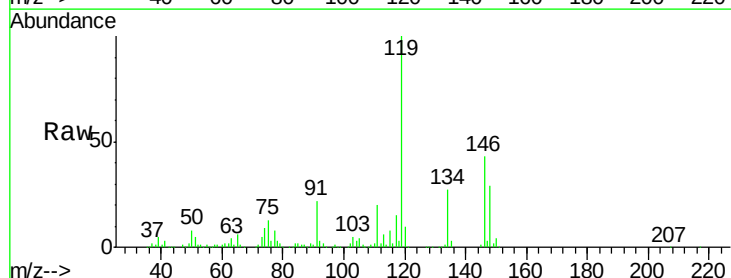
Manual Integrations
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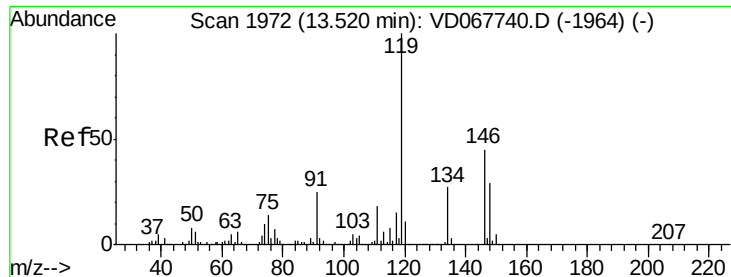
MMDadoda
 11/30/2020 9:58:58 AM



#86
 p-Isopropyltoluene
 Concen: 22.447 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	24.1	12.7	38.1





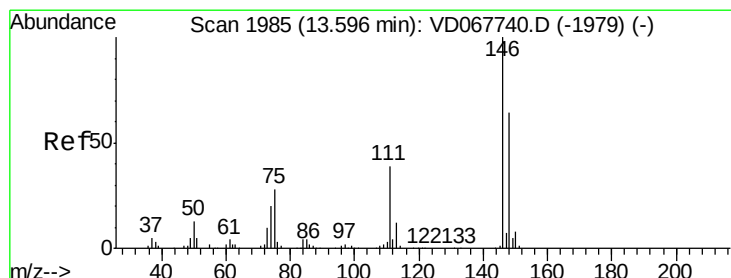
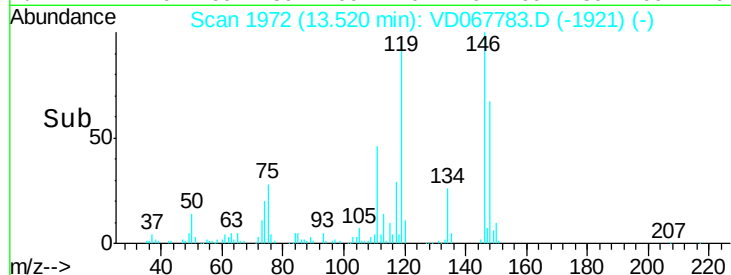
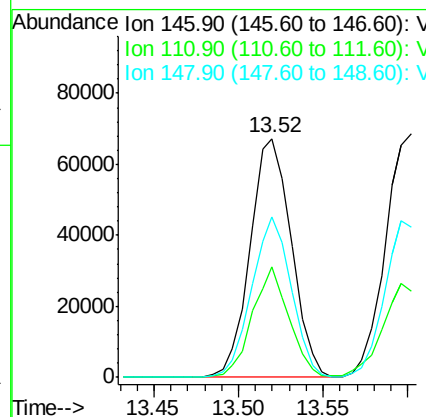
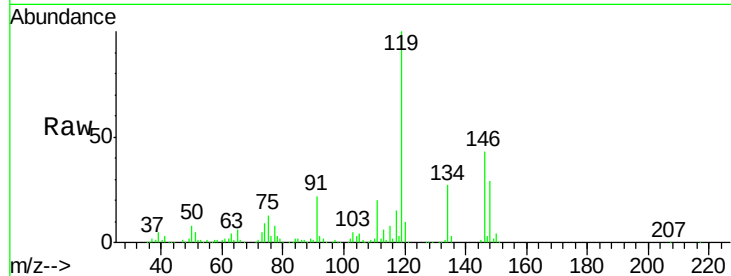
#87
1,3-Dichlorobenzene
Concen: 21.230 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.6
148	64.7	32.5	97.4

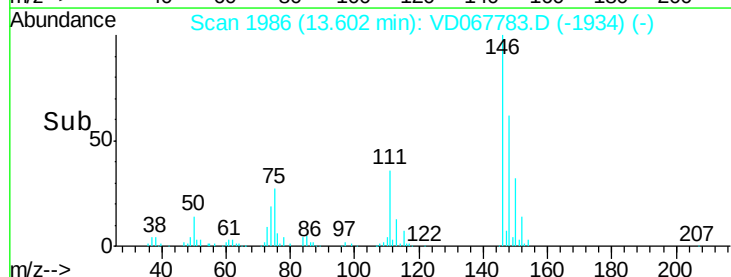
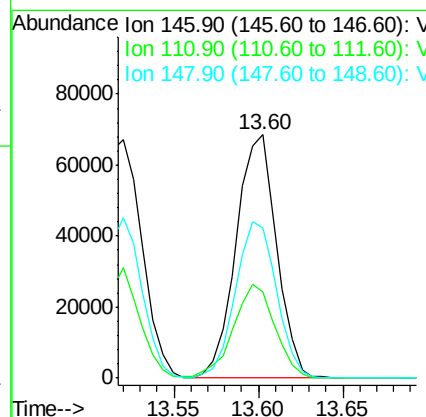
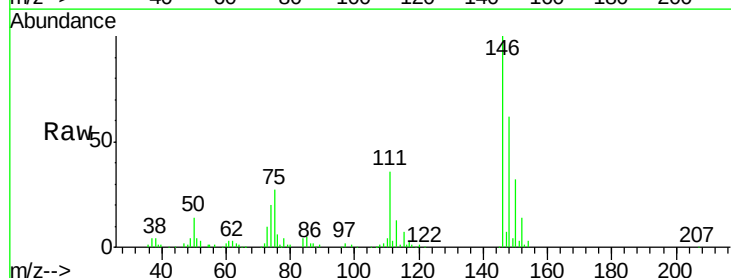
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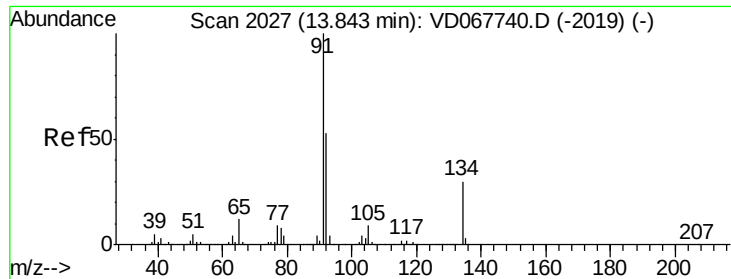
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#88
1,4-Dichlorobenzene
Concen: 21.583 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.4
148	65.2	31.6	94.8





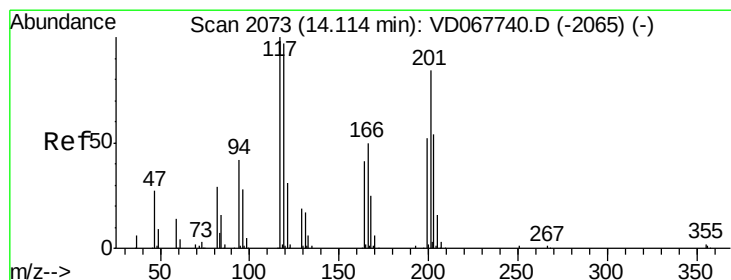
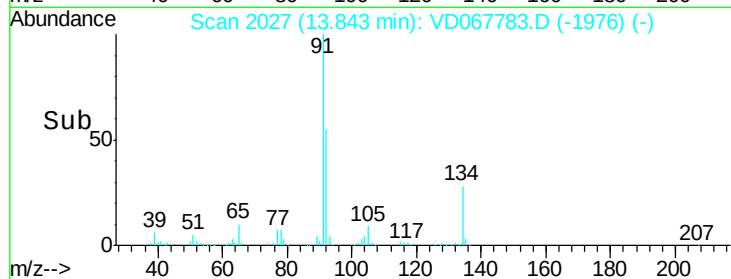
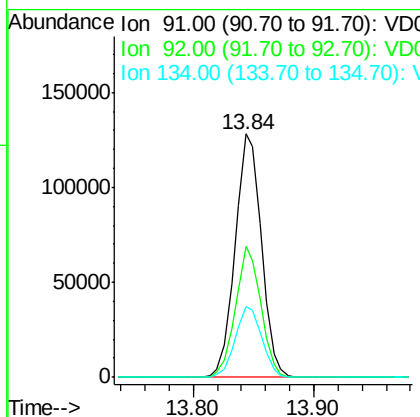
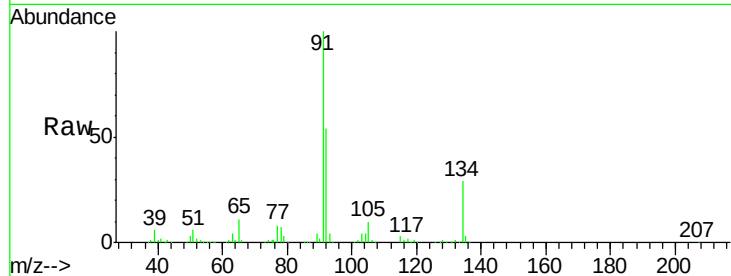
#89
n-Butylbenzene
Concen: 21.586 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.7	26.6	79.7	
134	29.4	14.8	44.3	

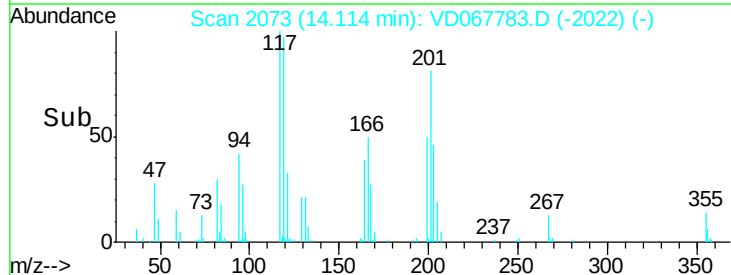
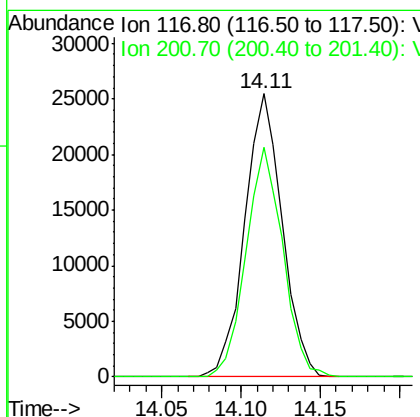
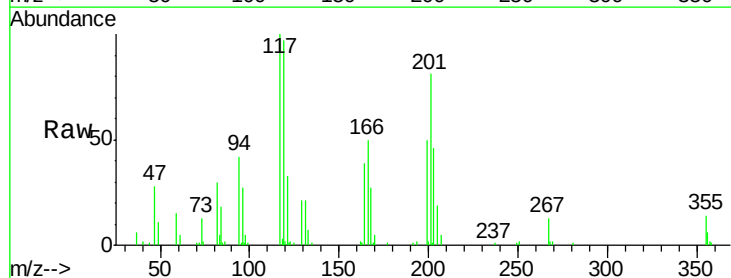
Manual Integrations
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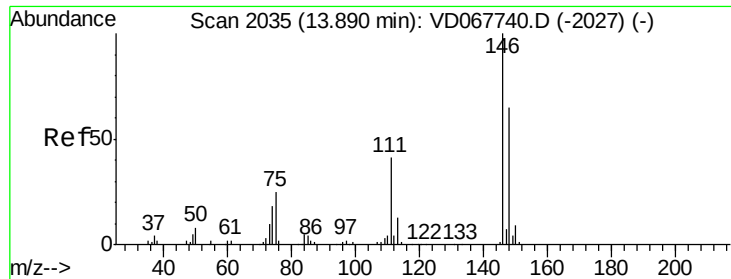
MMDadoda
11/30/2020 9:58:58 AM



#90
Hexachloroethane
Concen: 20.891 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	79.7	42.2	126.6	





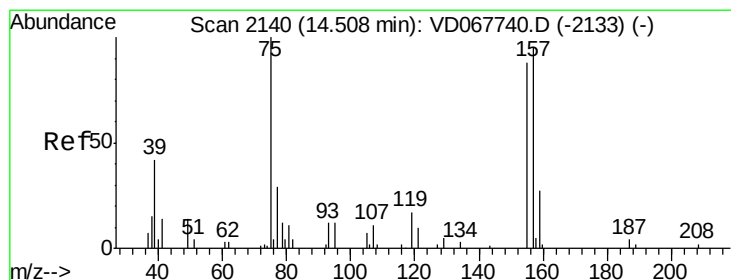
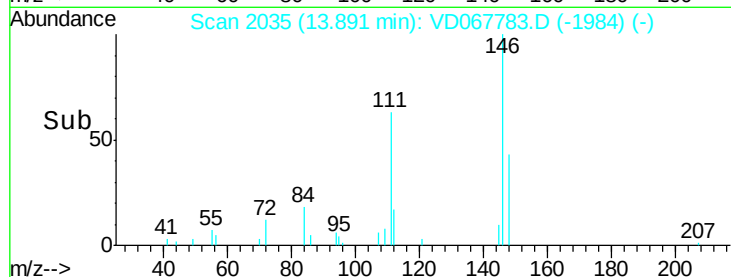
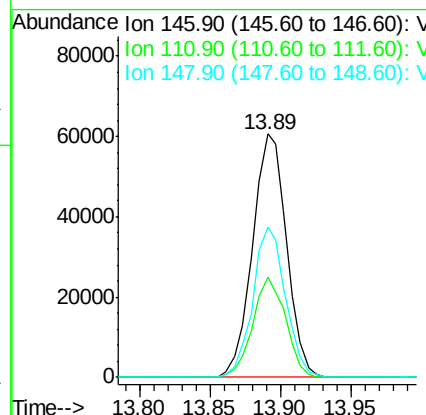
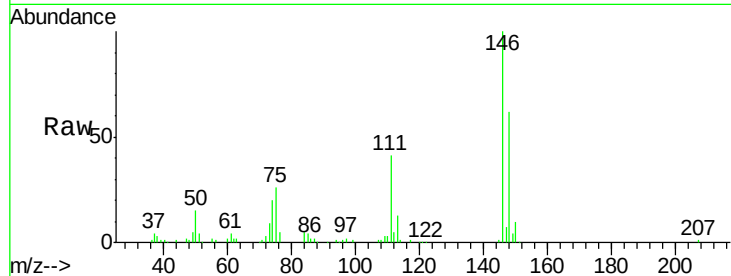
#91
1,2-Dichlorobenzene
Concen: 22.261 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.8	62.5
148	59.5	32.4	97.2

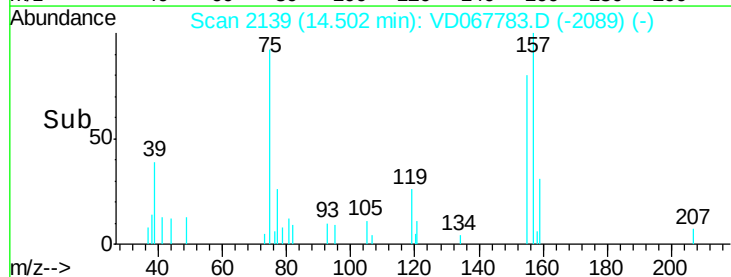
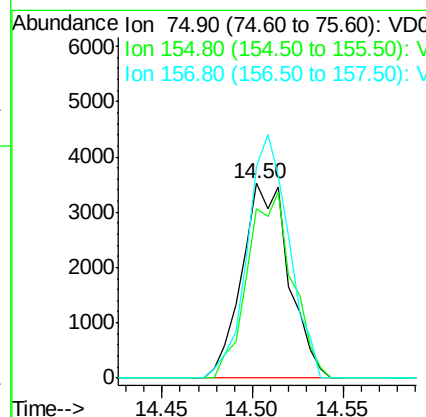
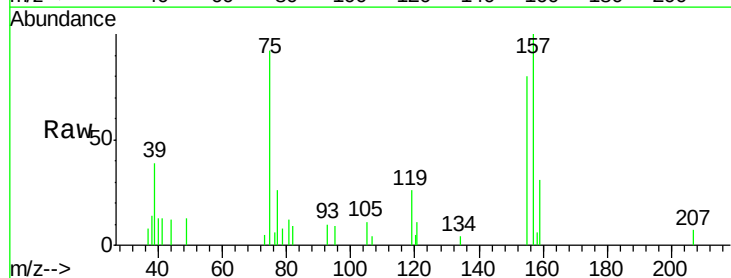
Manual Integrations
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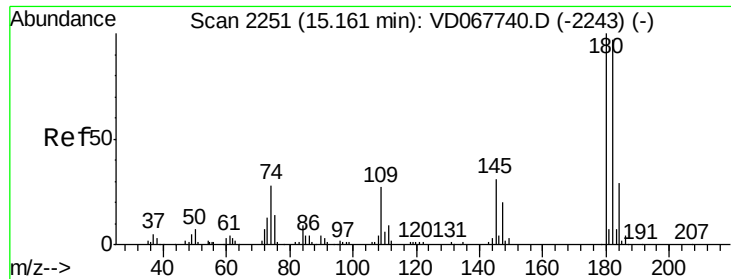
MMDadoda
11/30/2020 9:58:58 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.831 ug/l
RT: 14.50 min Scan# 2139
Delta R.T. -0.01 min
Lab File: VD067783.D
Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	41.0	123.0
157	111.2	51.1	153.4





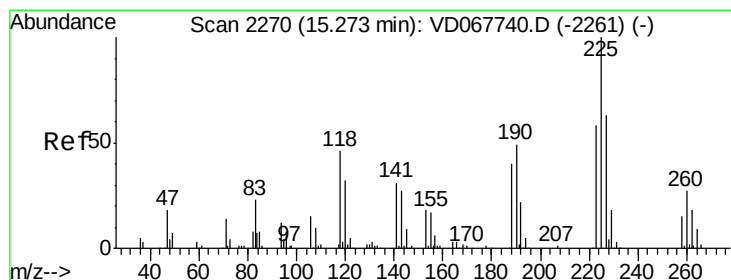
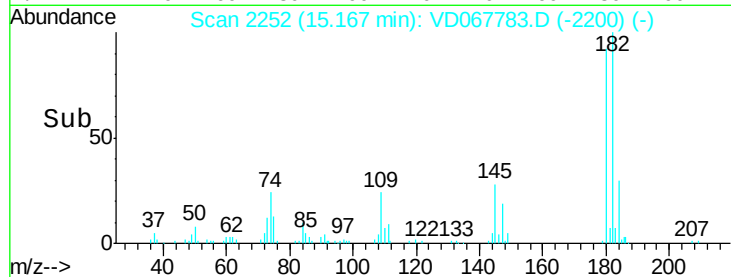
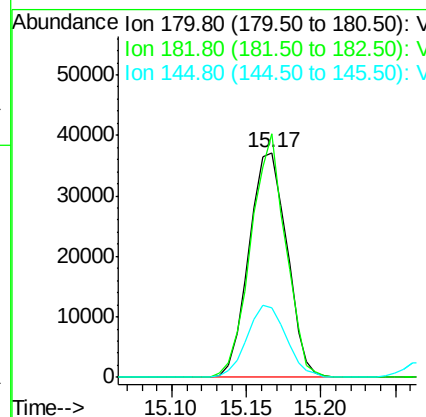
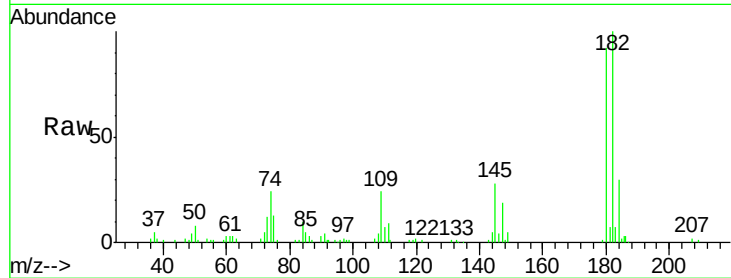
#93
 1,2,4-Trichlorobenzene
 Concen: 20.118 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.4	142.2
145	33.0	16.1	48.3

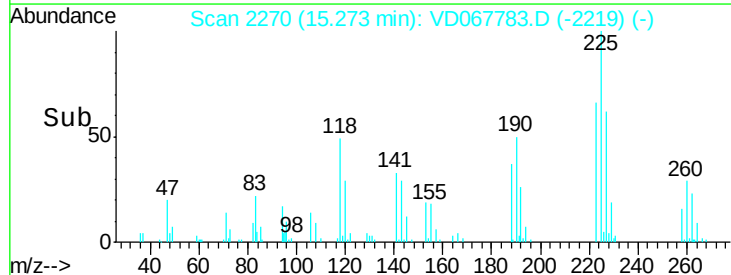
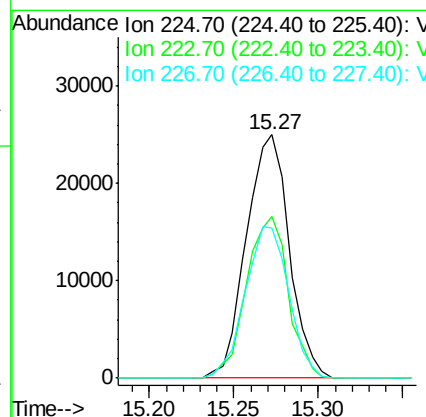
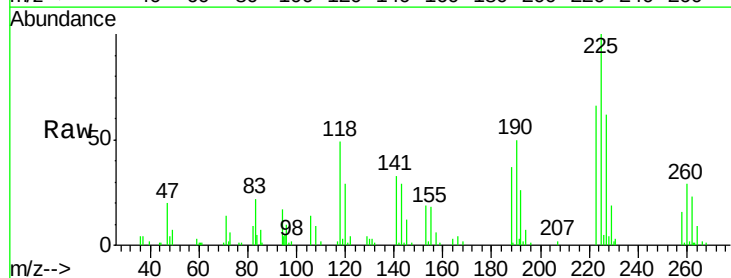
Manual Integrations
 APPROVED

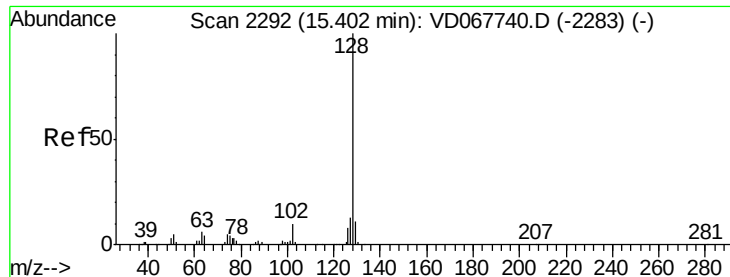
MMDadoda
 11/30/2020 9:58:58 AM



#94
 Hexachlorobutadiene
 Concen: 21.170 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067783.D
 Acq: 25 Nov 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.5	94.5
227	63.2	32.9	98.7





#95

Naphthalene

Concen: 19.355 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Instrument :

MSVOA_D

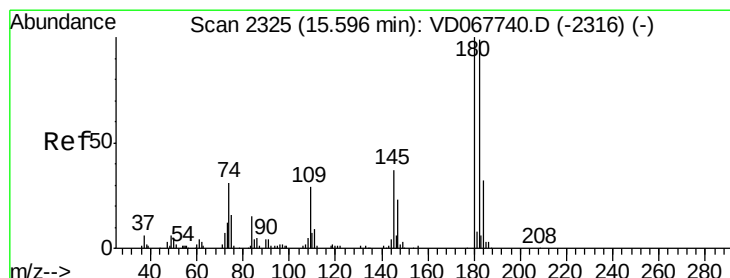
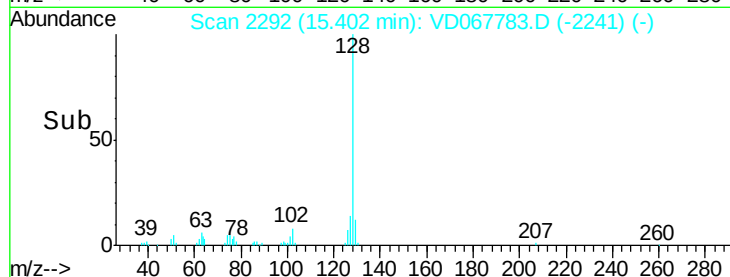
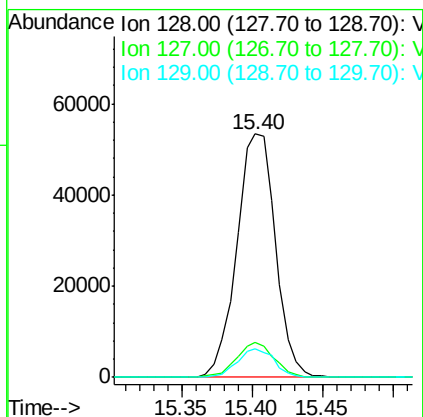
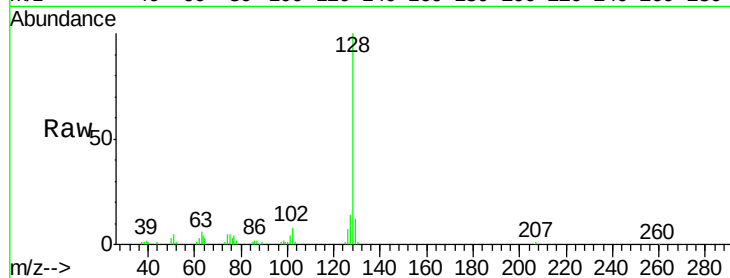
ClientSampleId :

VD1125SBS01

Tot Ion:	128	Resp:	102255
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.7	16.1
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/30/2020 9:58:58 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.867 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067783.D

Acq: 25 Nov 2020 13:27

Tgt Ion:	180	Resp:	58026
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	35.9	16.8	50.4

