

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067762.D
 Acq On : 24 Nov 2020 12:03
 Operator : VA/SY
 Sample : VD1124SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Manual Integrations
 APPROVED

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 11/25/2020 2:01:56 PM

Quant Time: Nov 25 02:21:06 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	7.99	168	261588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	179602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137473	54.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.10%
35) Dibromofluoromethane	7.92	113	127468	51.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.22%
50) Toluene-d8	10.34	98	469616	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.64	95	165381	53.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.16%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46873	20.590	ug/l	95
3) Chloromethane	2.21	50	29480	23.261	ug/l	97
4) Vinyl Chloride	2.35	62	32306	20.343	ug/l	89
5) Bromomethane	2.76	94	31220	23.074	ug/l	95
6) Chloroethane	2.92	64	22262	21.034	ug/l #	86
7) Trichlorofluoromethane	3.27	101	103889	21.438	ug/l	96
8) Diethyl Ether	3.70	74	21096	21.561	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	49616	21.381	ug/l	99
10) Methyl Iodide	4.30	142	49822	20.976	ug/l	97
11) Tert butyl alcohol	5.19	59	24099m	166.295	ug/l	
12) 1,1-Dichloroethene	4.07	96	45120	21.013	ug/l	95
13) Acrolein	3.93	56	10903	103.420	ug/l	97
14) Allyl chloride	4.71	41	44943	21.652	ug/l	97
15) Acrylonitrile	5.43	53	36409	106.842	ug/l	93
16) Acetone	4.16	43	33184	100.992	ug/l	91
17) Carbon Disulfide	4.41	76	132533	21.340	ug/l	96
18) Methyl Acetate	4.71	43	14822	22.422	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	99000	21.573	ug/l	100
20) Methylene Chloride	4.96	84	54323	17.077	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	52793	21.626	ug/l	93
22) Diisopropyl ether	6.36	45	92517	22.580	ug/l	92
23) Vinyl Acetate	6.31	43	258295	111.757	ug/l	97
24) 1,1-Dichloroethane	6.27	63	77677	22.361	ug/l	96
25) 2-Butanone	7.22	43	38954	105.647	ug/l	98
26) 2,2-Dichloropropane	7.21	77	88842	21.679	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	57421	22.067	ug/l	99
28) Bromochloromethane	7.55	49	23439	21.065	ug/l	99
29) Tetrahydrofuran	7.57	42	23259	110.948	ug/l	94
30) Chloroform	7.71	83	98427	21.668	ug/l	99
31) Cyclohexane	7.99	56	63964	20.784	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	99062	20.592	ug/l	99
36) 1,1-Dichloropropene	8.11	75	70518	21.174	ug/l	99
37) Ethyl Acetate	7.30	43	20102	22.447	ug/l	94
38) Carbon Tetrachloride	8.10	117	98487	20.401	ug/l	96

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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	81374	20.647	ug/l	93
40) Benzene	8.36	78	195703	21.396	ug/l	97
41) Methacrylonitrile	7.54	41	12571m	27.491	ug/l	
42) 1,2-Dichloroethane	8.43	62	65161	20.996	ug/l	97
43) Isopropyl Acetate	8.46	43	36415	20.362	ug/l	96
44) Trichloroethene	9.12	130	63413	20.918	ug/l	94
45) 1,2-Dichloropropane	9.39	63	41329	22.021	ug/l	97
46) Dibromomethane	9.48	93	26888	21.043	ug/l	95
47) Bromodichloromethane	9.67	83	74673	20.986	ug/l	98
48) Methyl methacrylate	9.46	41	17537	19.615	ug/l	91
49) 1,4-Dioxane	9.46	88	5575	402.601	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	89265	106.076	ug/l	99
52) Toluene	10.41	92	134595	21.691	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	64865	20.866	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	75692	21.515	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	36986	21.573	ug/l	97
56) Ethyl methacrylate	10.67	69	37201	20.958	ug/l	97
57) 1,3-Dichloropropane	10.95	76	58939	21.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	77275	93.173	ug/l	97
59) 2-Hexanone	10.99	43	61873	104.139	ug/l	99
60) Dibromochloromethane	11.14	129	56555	21.647	ug/l	98
61) 1,2-Dibromoethane	11.25	107	35810	21.198	ug/l	92
64) Tetrachloroethene	10.88	164	56492	20.414	ug/l	92
65) Chlorobenzene	11.67	112	151908	21.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	61783	21.796	ug/l	97
67) Ethyl Benzene	11.75	91	257175	21.258	ug/l	96
68) m/p-Xylenes	11.86	106	202507	43.015	ug/l	98
69) o-Xylene	12.18	106	93958	21.920	ug/l	98
70) Styrene	12.20	104	160920	22.041	ug/l	98
71) Bromoform	12.36	173	31423	20.420	ug/l	# 95
73) Isopropylbenzene	12.48	105	251490	21.282	ug/l	97
74) N-amyl acetate	12.29	43	32946	21.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	33663	21.226	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	26836m	21.439	ug/l	
77) Bromobenzene	12.77	156	63809	21.571	ug/l	98
78) n-propylbenzene	12.83	91	287520	21.870	ug/l	100
79) 2-Chlorotoluene	12.91	91	166813	21.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	224221	21.815	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11556	21.593	ug/l	99
82) 4-Chlorotoluene	13.01	91	179691	21.665	ug/l	100
83) tert-Butylbenzene	13.23	119	194987	22.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	224519	21.867	ug/l	98
85) sec-Butylbenzene	13.40	105	250678	21.605	ug/l	99
86) p-Isopropyltoluene	13.52	119	245945	21.885	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	121944	21.300	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	123413	21.762	ug/l	100
89) n-Butylbenzene	13.84	91	201884	20.963	ug/l	99
90) Hexachloroethane	14.11	117	44218	20.669	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	104317	21.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6812	19.923	ug/l	91

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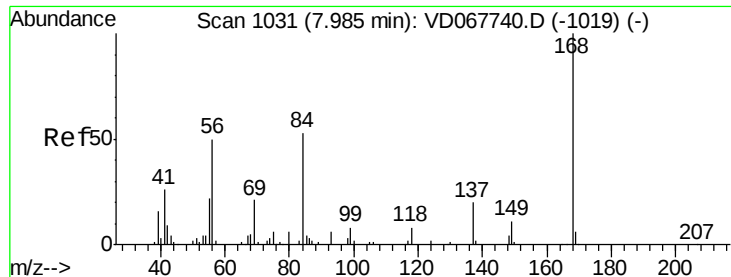
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	71455	20.463	ug/l	99
94) Hexachlorobutadiene	15.27	225	47843	21.444	ug/l	96
95) Naphthalene	15.40	128	115783	20.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	61511	20.680	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleID :

VD1124SBS01

Tot Ion:168 Resp: 261588

Ion Ratio Lower Upper

168 100

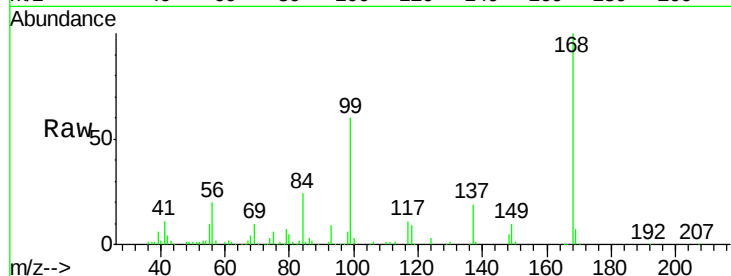
99 59.6 43.8 65.8

Manual Integrations

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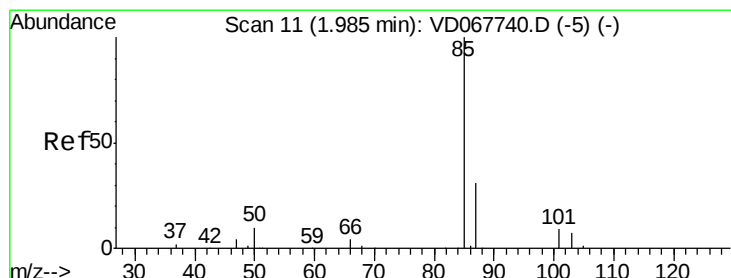
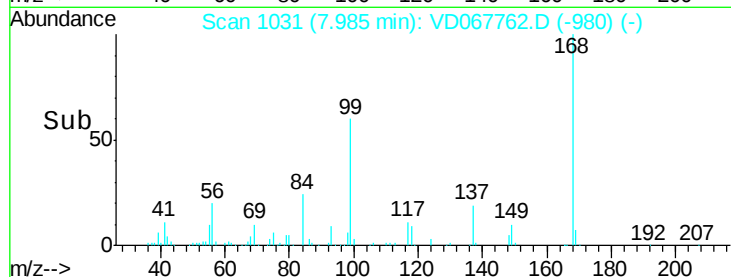
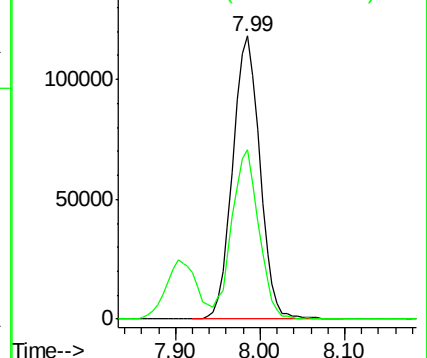
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.590 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067762.D

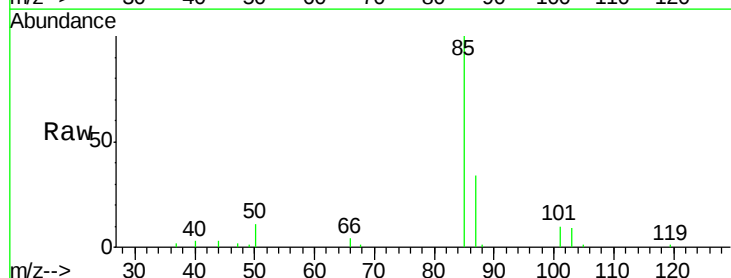
Acq: 24 Nov 2020 12:03

Tgt Ion: 85 Resp: 46873

Ion Ratio Lower Upper

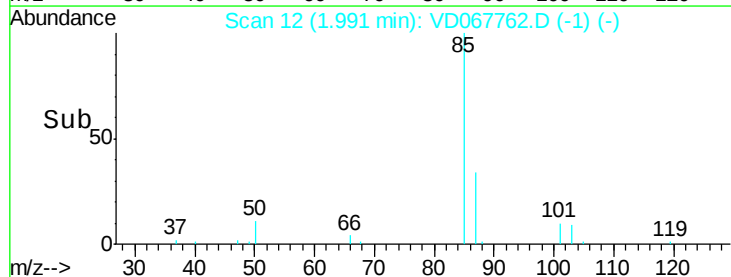
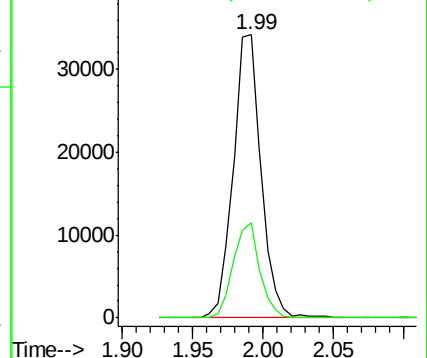
85 100

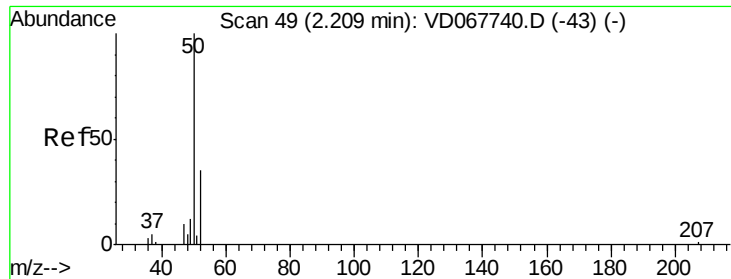
87 33.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.261 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

Tot Ion: 50 Resp: 29480

Ion Ratio Lower Upper

50 100

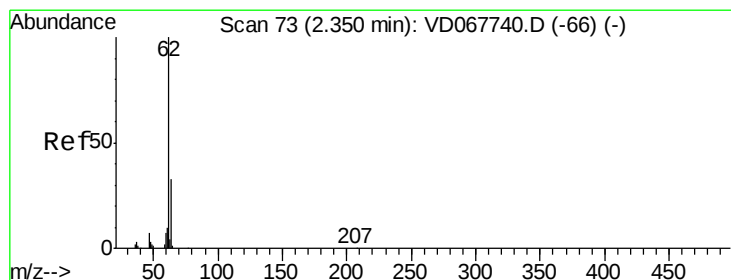
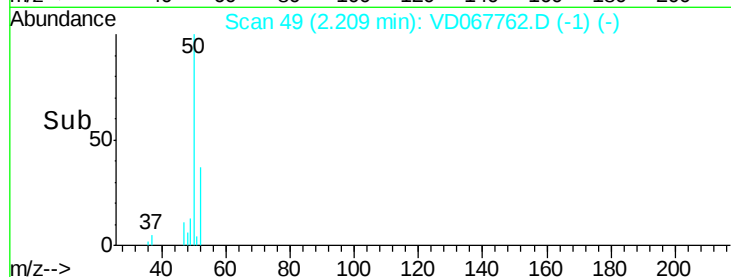
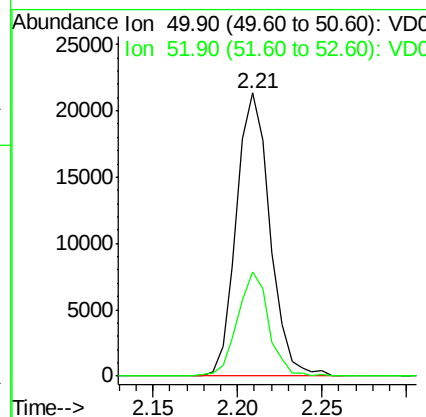
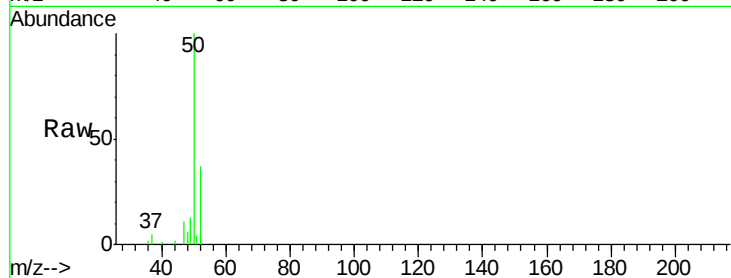
52 36.6 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.343 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067762.D

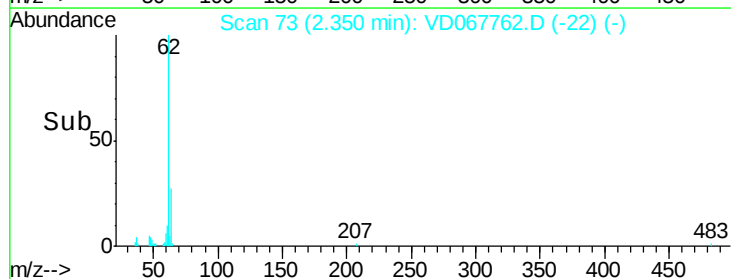
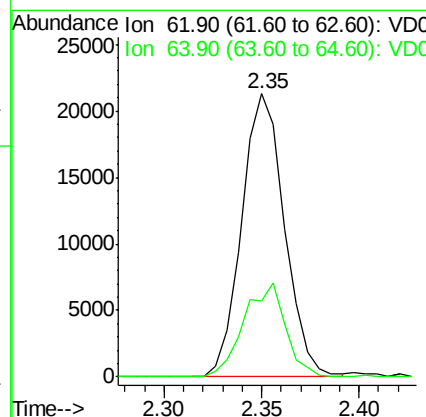
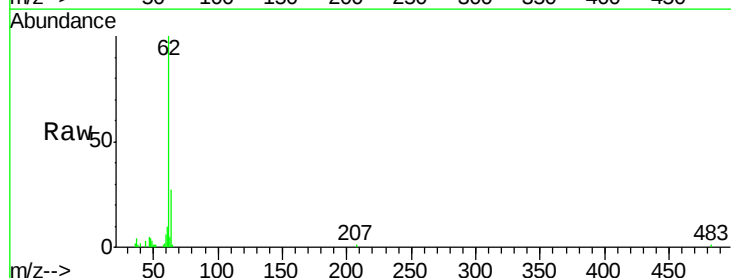
Acq: 24 Nov 2020 12:03

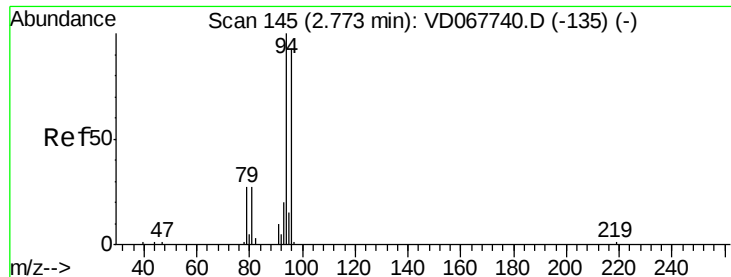
Tgt Ion: 62 Resp: 32306

Ion Ratio Lower Upper

62 100

64 26.9 26.6 40.0





#5

Bromomethane

Concen: 23.074 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 94 Resp: 31220

Ion Ratio Lower Upper

94 100

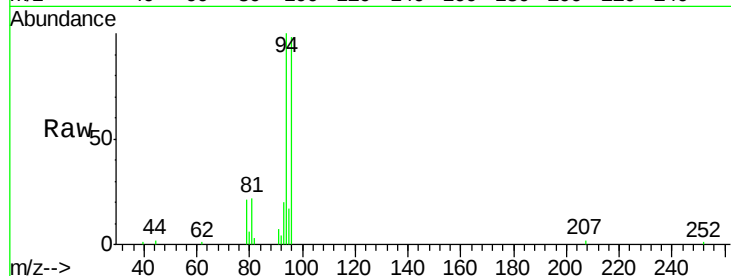
96 97.6 74.0 111.0

Manual Integrations

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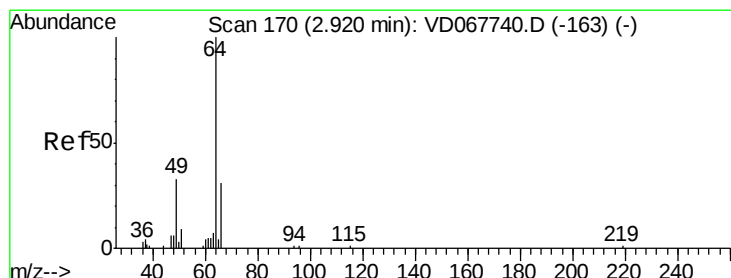
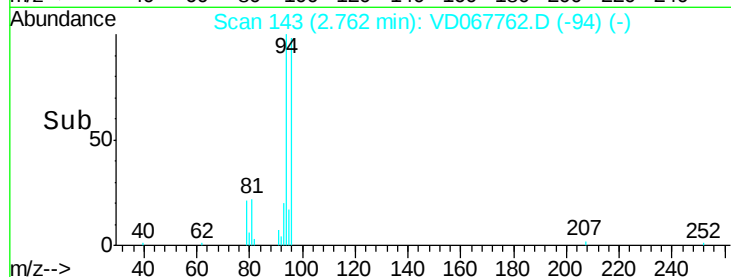
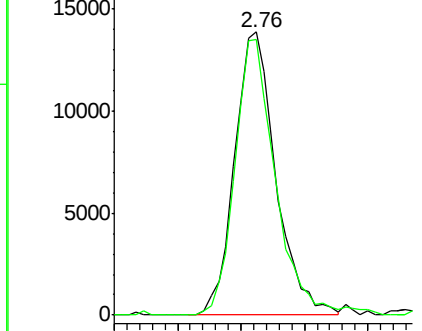
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.034 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067762.D

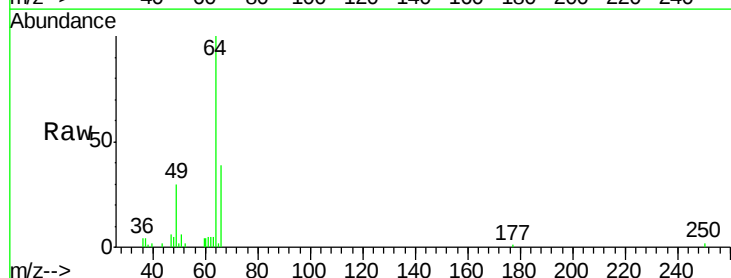
Acq: 24 Nov 2020 12:03

Tgt Ion: 64 Resp: 22262

Ion Ratio Lower Upper

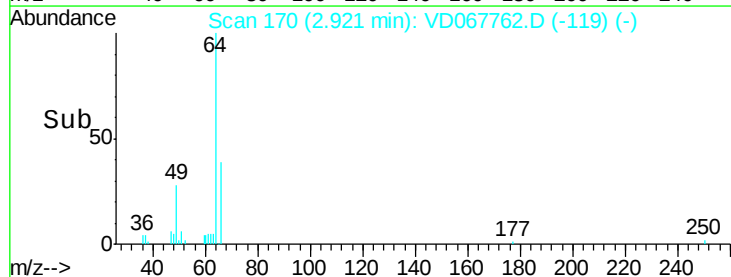
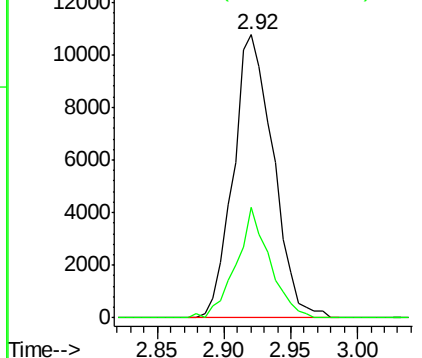
64 100

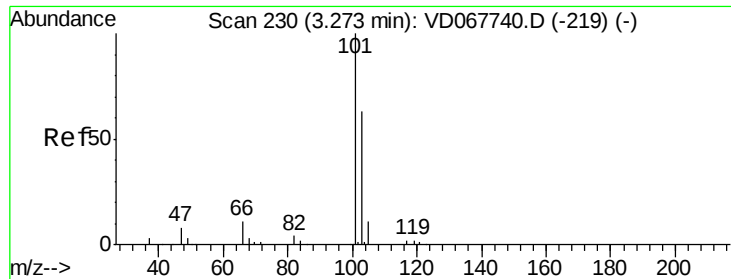
66 38.9 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

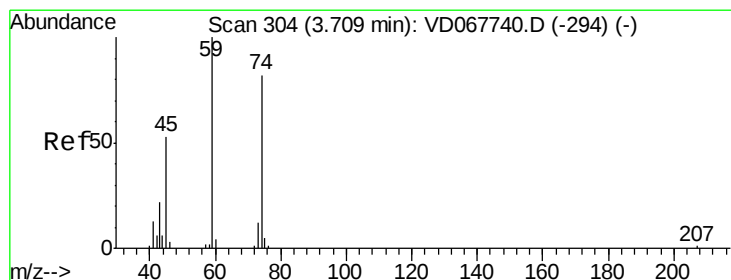
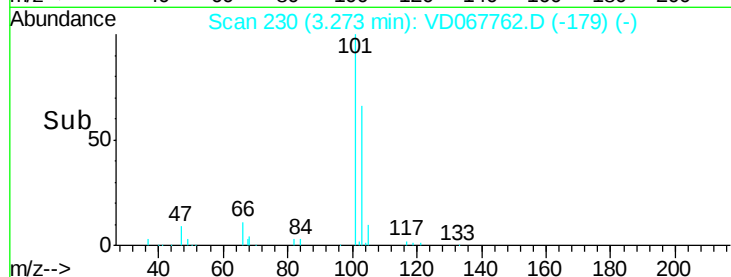
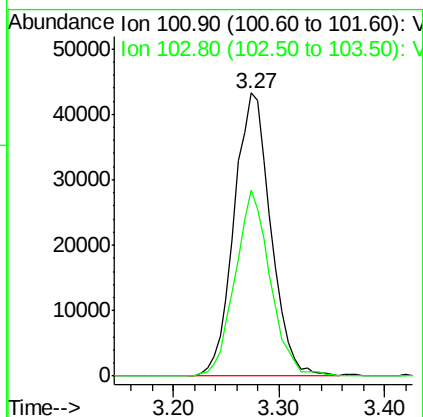
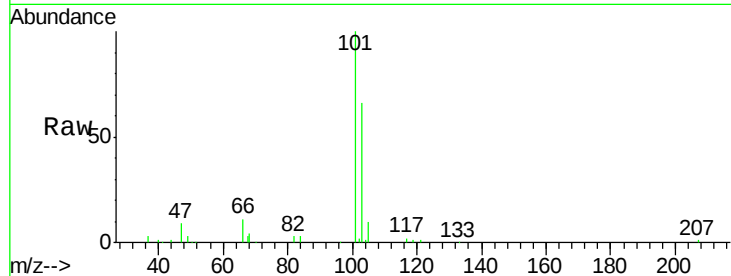
Trichlorofluoromethane
Concen: 21.438 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
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VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.3	75.5

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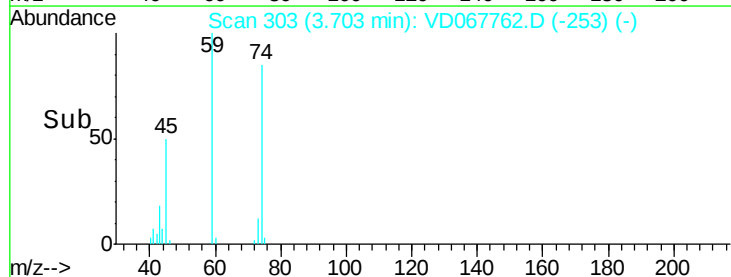
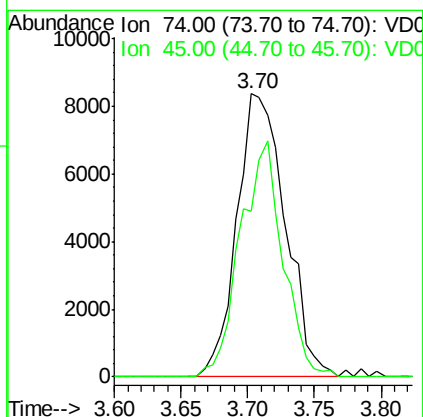
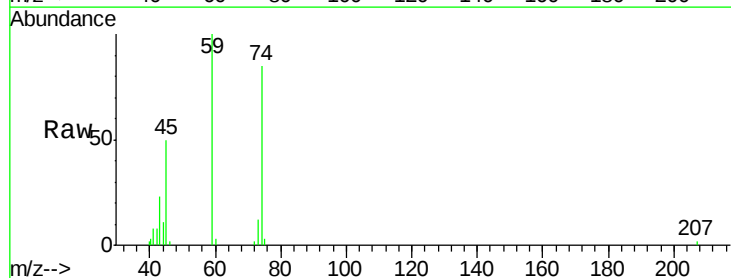
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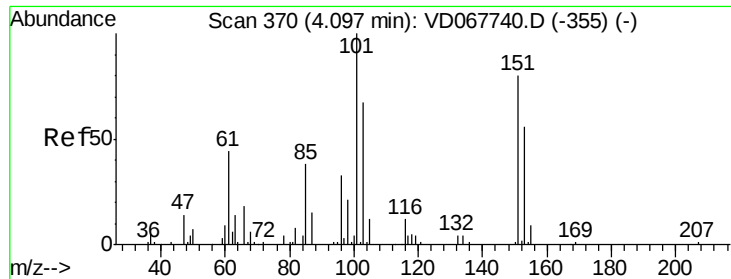


#8

Diethyl Ether
Concen: 21.561 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.9	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.381 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

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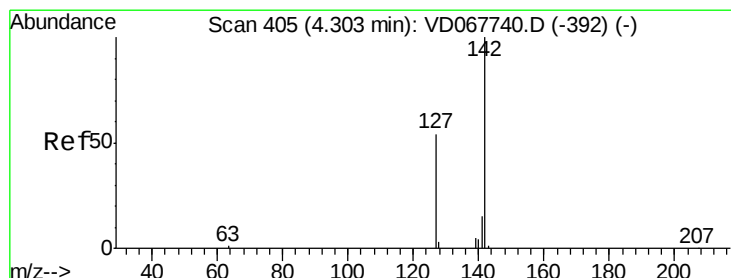
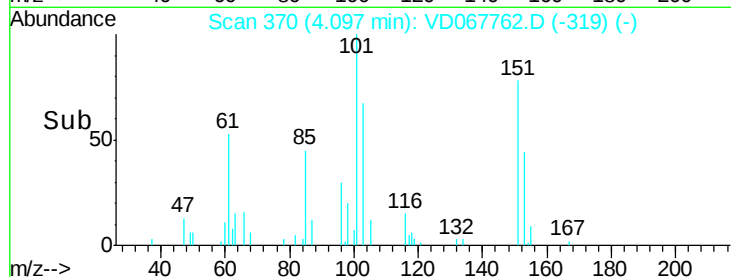
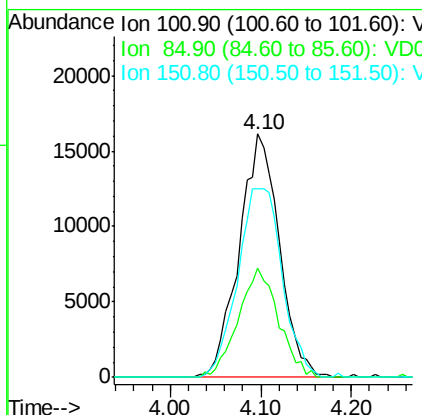
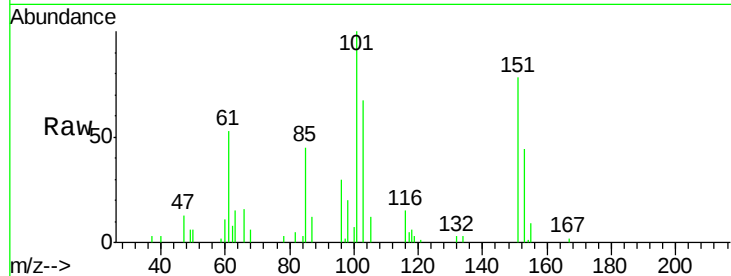
ClientSampleId :

VD1124SBSD01

Tot Ion:	101	Resp:	49616
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.5	53.3
151	86.0	69.4	104.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.976 ug/l

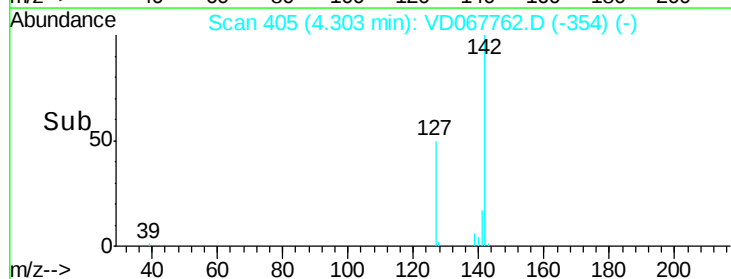
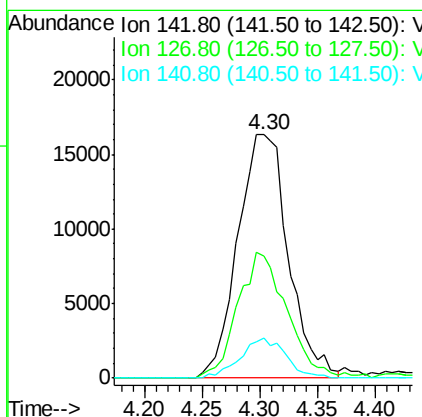
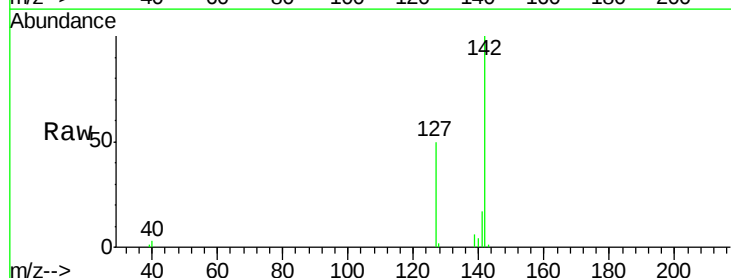
RT: 4.30 min Scan# 405

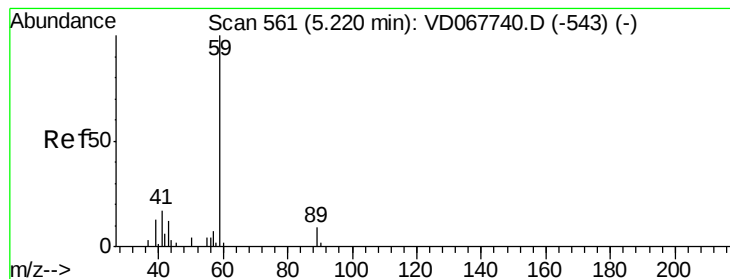
Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion:	142	Resp:	49822
Ion Ratio	Lower	Upper	
142	100		
127	50.3	42.2	63.2
141	14.8	11.8	17.6





#11

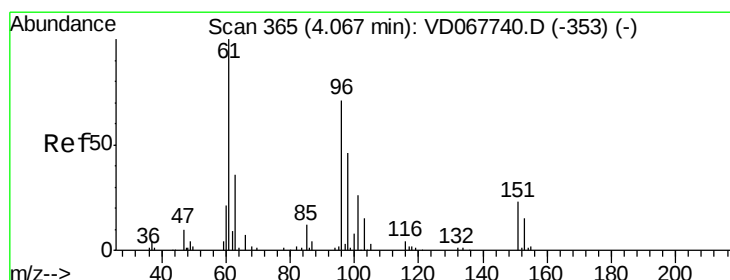
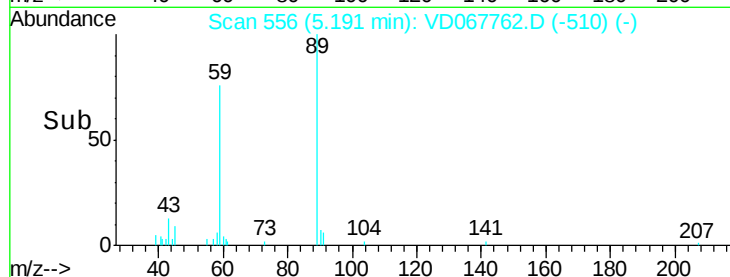
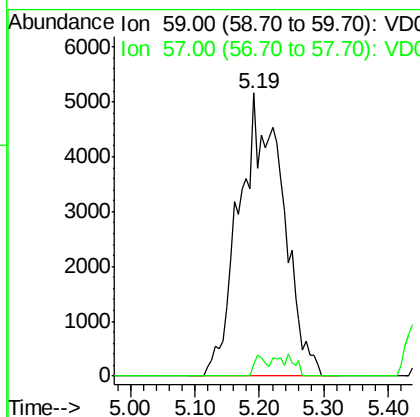
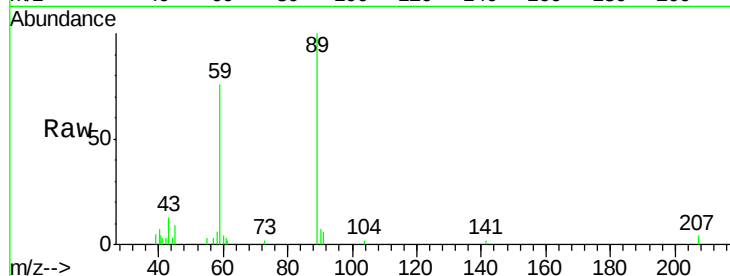
Tert butyl alcohol
 Concen: 166.295 ug/l m
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tot Ion: 59 Resp: 24099
 Ion Ratio Lower Upper
 59 100
 57 2.0 3.4 5.0#

Manual Integrations
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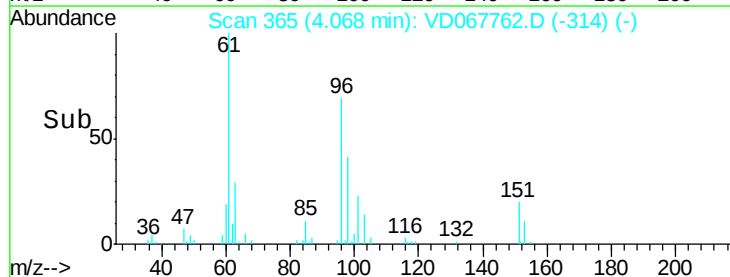
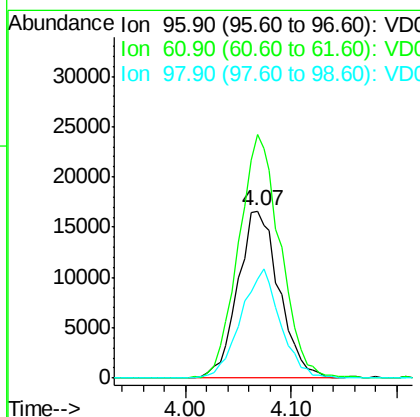
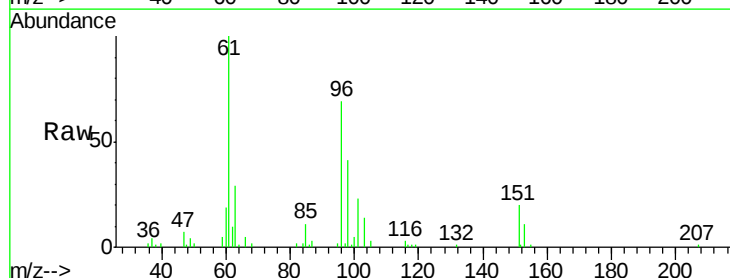
MMDadoda
 11/25/2020 2:01:56 PM

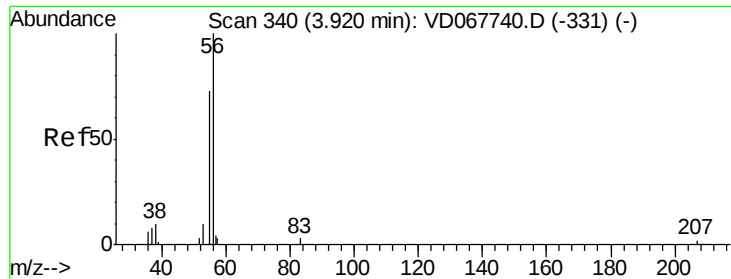


#12

1,1-Dichloroethene
 Concen: 21.013 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 96 Resp: 45120
 Ion Ratio Lower Upper
 96 100
 61 145.6 112.9 169.3
 98 59.4 52.4 78.6





#13

Acrolein

Concen: 103.420 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

Tot Ion: 56 Resp: 10903

Ion Ratio Lower Upper

56 100

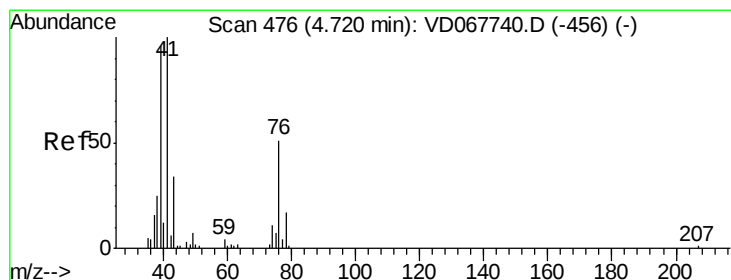
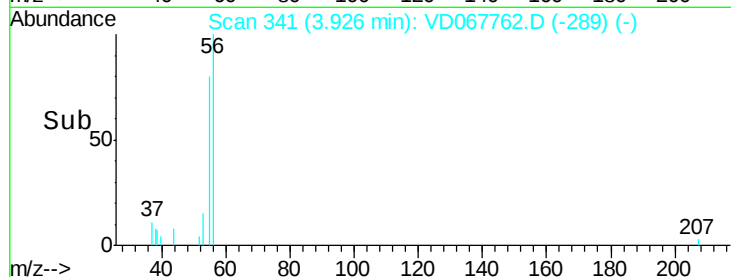
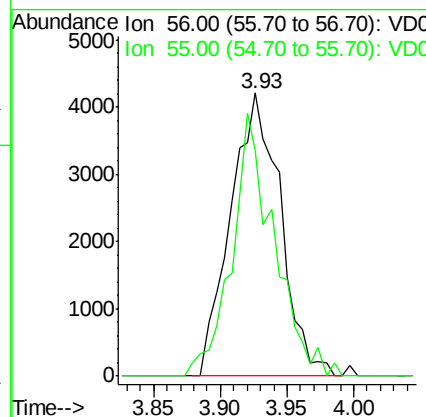
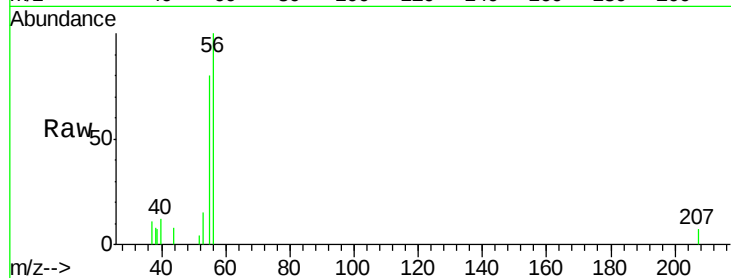
55 78.7 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 21.652 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

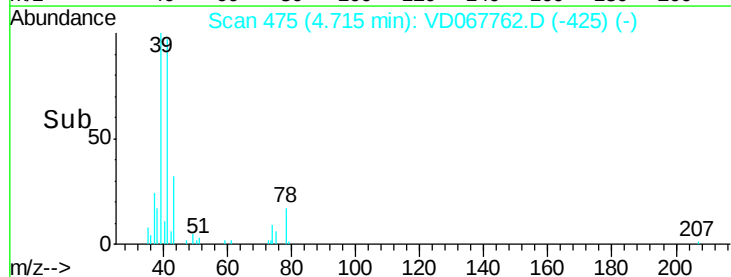
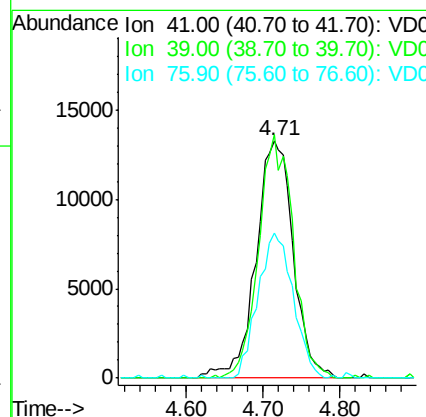
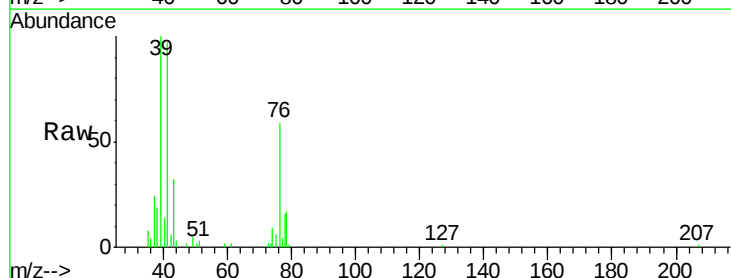
Tgt Ion: 41 Resp: 44943

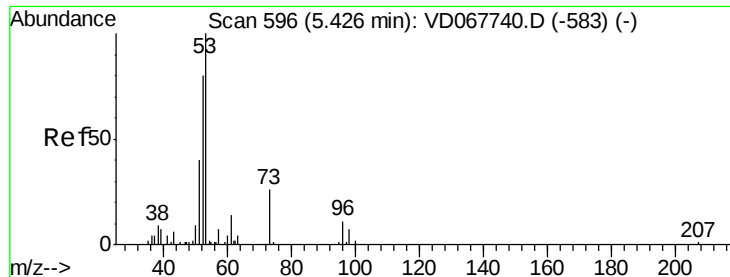
Ion Ratio Lower Upper

41 100

39 94.8 74.6 111.8

76 57.5 43.3 64.9





#15

Acrylonitrile

Concen: 106.842 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

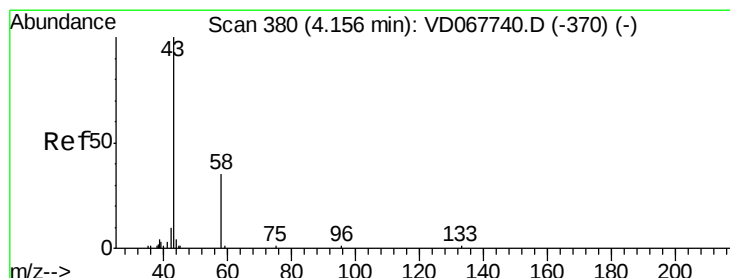
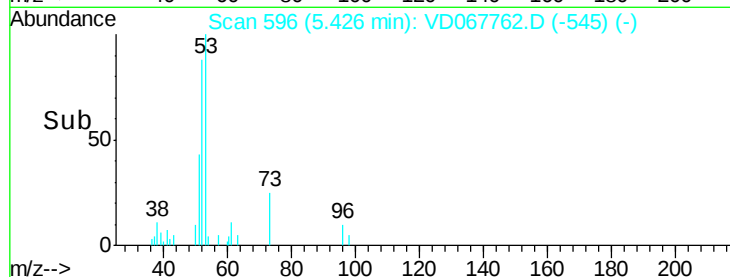
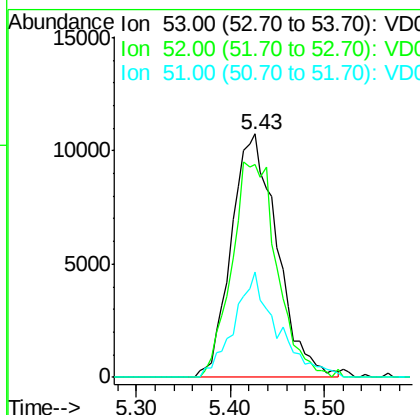
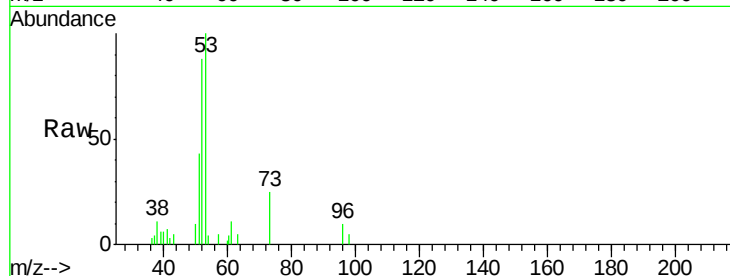
ClientSampleId :

VD1124SBS01

Tot Ion:	53	Resp:	36409
Ion	Ratio	Lower	Upper
53	100		
52	87.1	63.4	95.2
51	40.5	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 100.992 ug/l

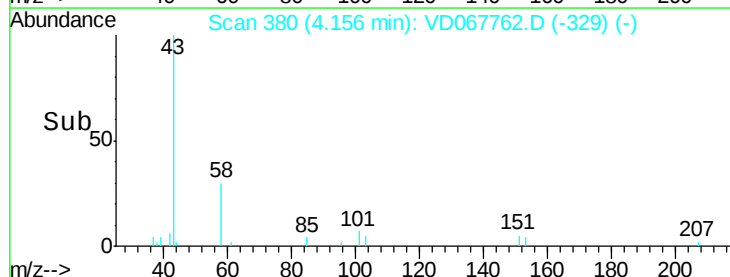
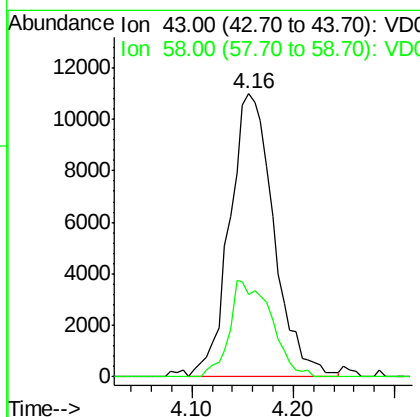
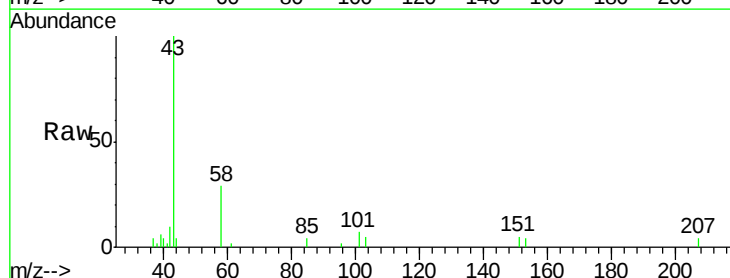
RT: 4.16 min Scan# 380

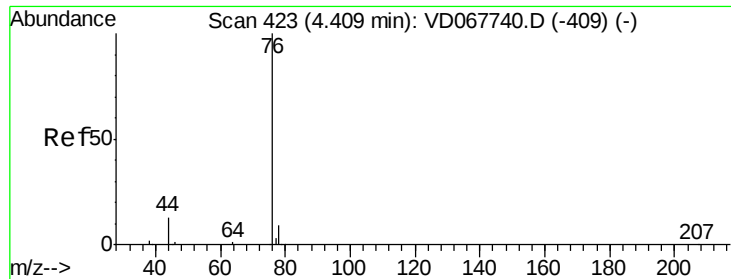
Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion:	43	Resp:	33184
Ion	Ratio	Lower	Upper
43	100		
58	29.1	27.6	41.4





#17

Carbon Disulfide

Concen: 21.340 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

Tot Ion: 76 Resp: 132533

Ion Ratio Lower Upper

76 100

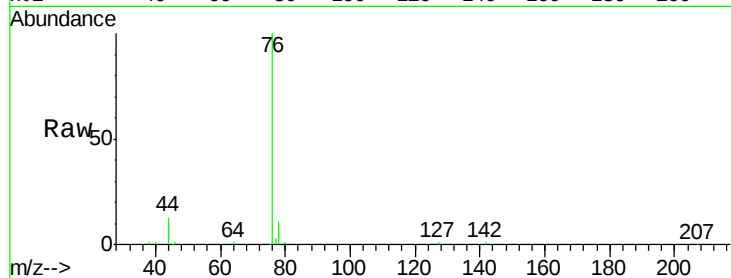
78 10.9 7.5 11.3

Manual Integrations

APPROVED

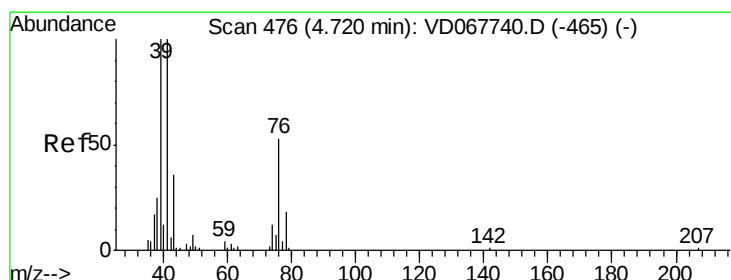
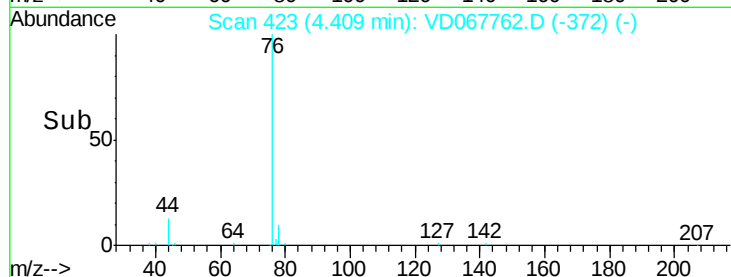
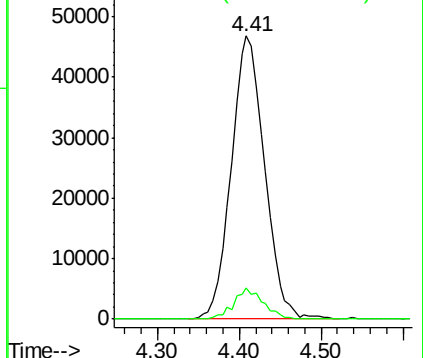
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.422 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067762.D

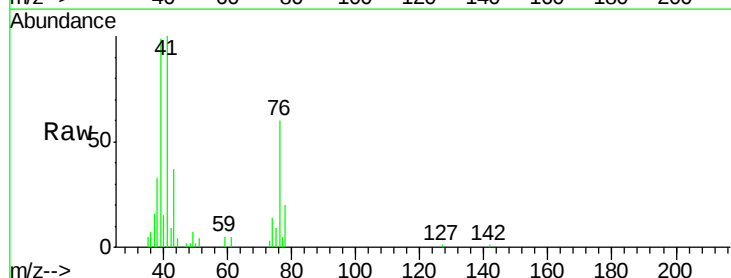
Acq: 24 Nov 2020 12:03

Tgt Ion: 43 Resp: 14822

Ion Ratio Lower Upper

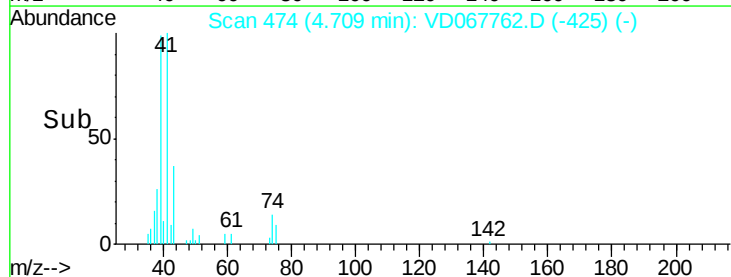
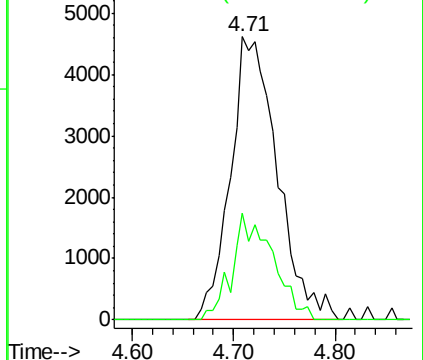
43 100

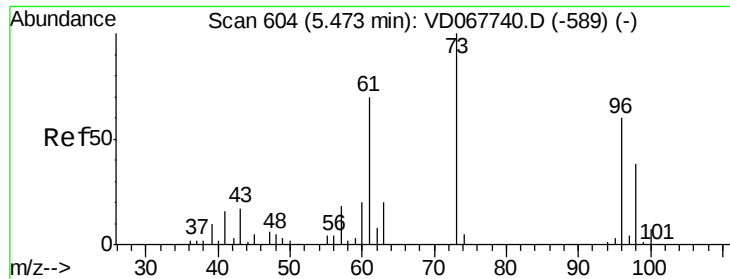
74 33.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





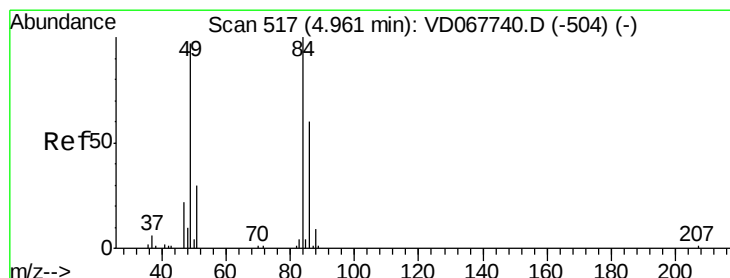
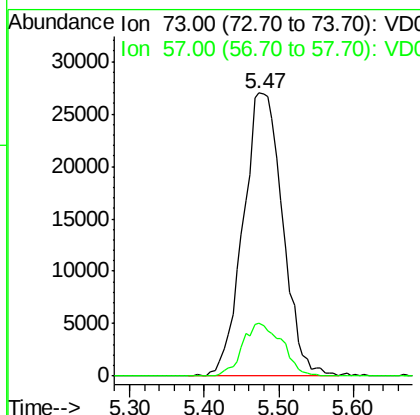
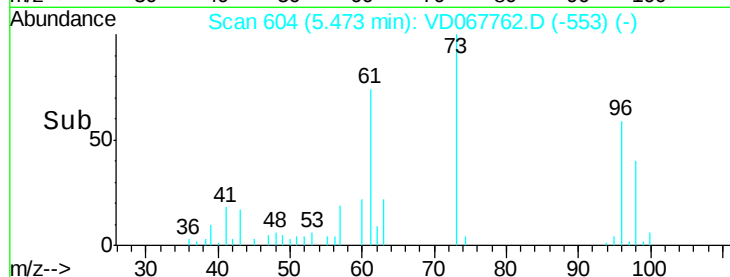
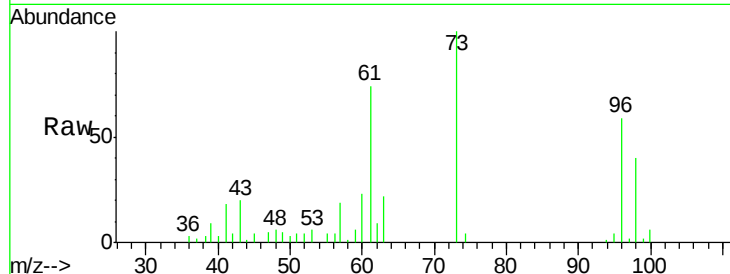
#19
Methyl tert-butyl Ether
Concen: 21.573 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 73 Resp: 99000
Ion Ratio Lower Upper
73 100
57 18.6 14.8 22.2

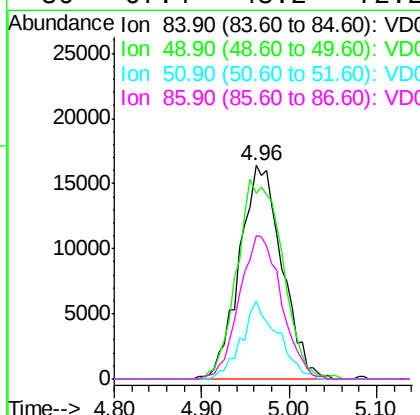
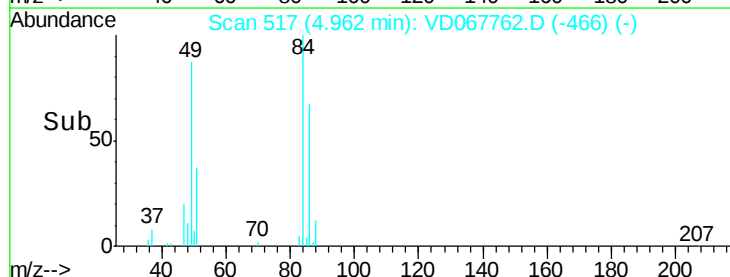
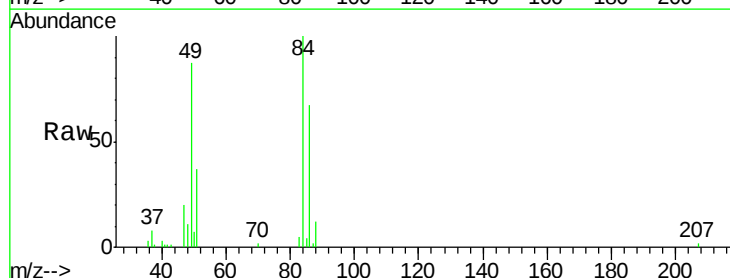
Manual Integrations
APPROVED

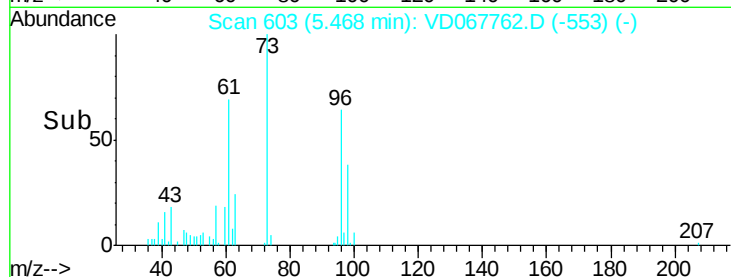
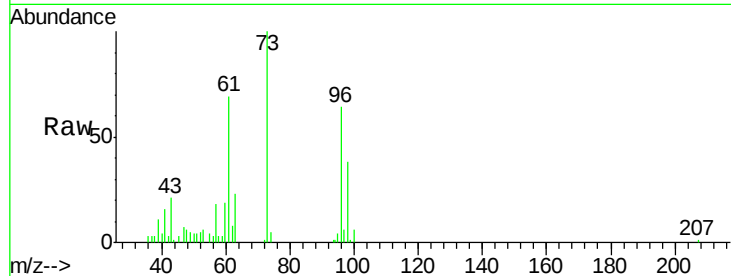
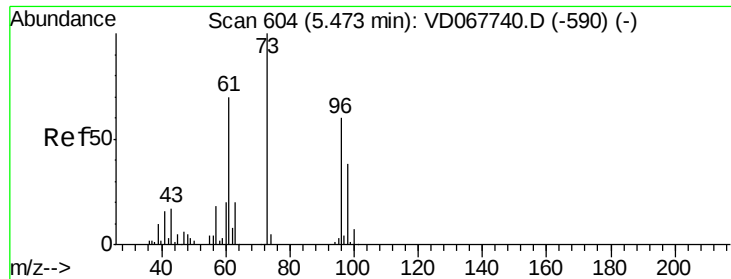
MMDadoda
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#20
Methylene Chloride
Concen: 17.077 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 84 Resp: 54323
Ion Ratio Lower Upper
84 100
49 86.8 77.4 116.2
51 36.8 24.1 36.1#
86 67.4 48.2 72.2





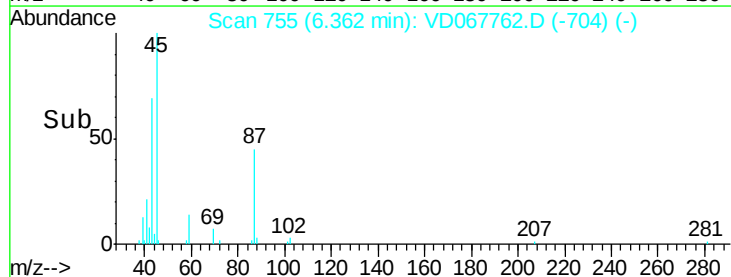
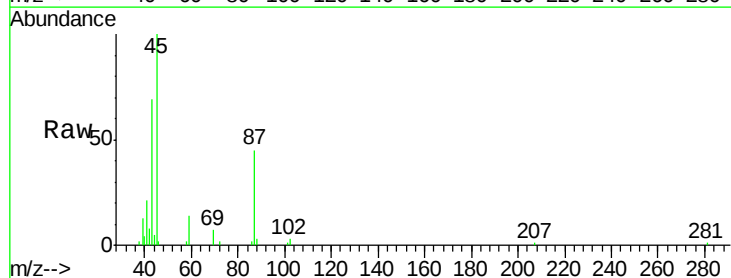
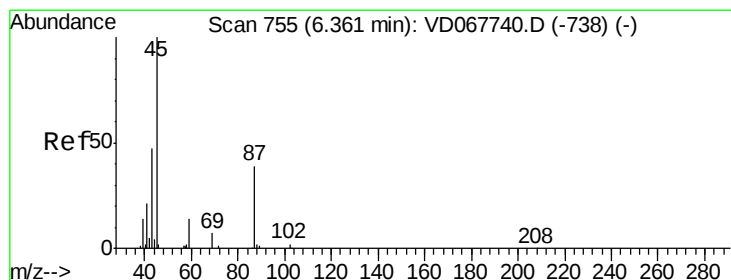
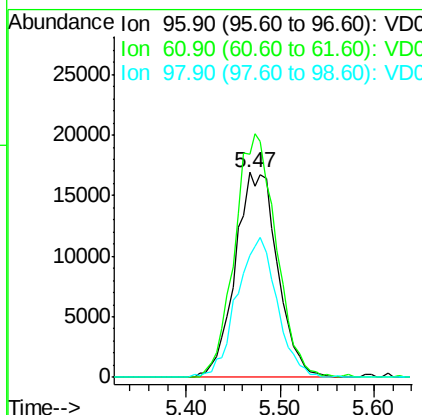
#21
trans-1,2-Dichloroethene
Concen: 21.626 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tot Ion	Ratio	Lower	Upper
96	100		
61	108.8	94.0	141.0
98	59.6	51.3	76.9

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

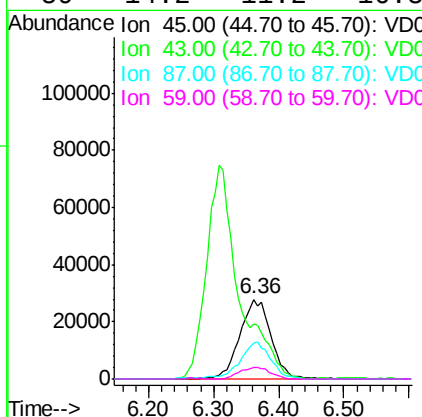
Manual Integrations
APPROVED

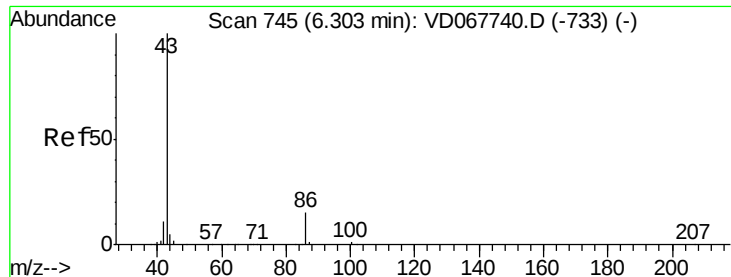
MMDadoda
11/25/2020 2:01:56 PM



#22
Diisopropyl ether
Concen: 22.580 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.2	46.8	70.2
87	44.9	32.9	49.3
59	14.2	11.2	16.8





#23

Vinyl Acetate

Concen: 111.757 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 43 Resp: 258295

Ion Ratio Lower Upper

43 100

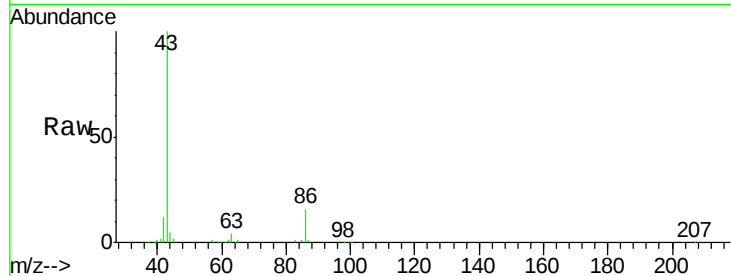
86 15.8 11.7 17.5

Manual Integrations

APPROVED

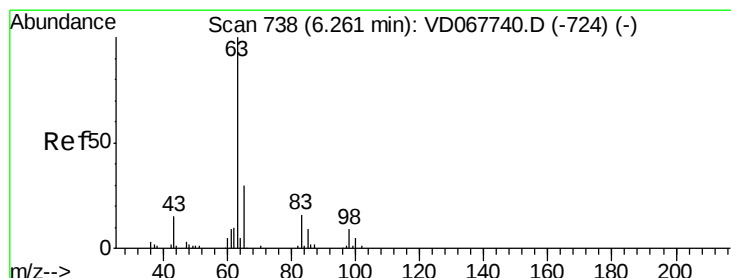
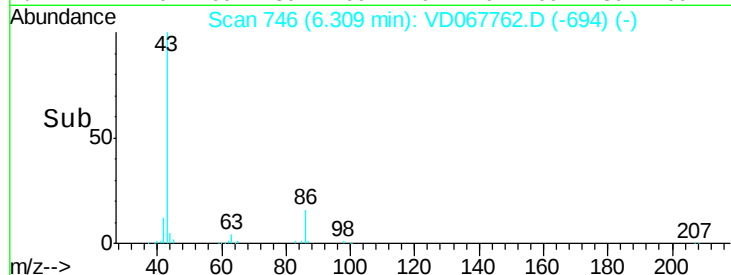
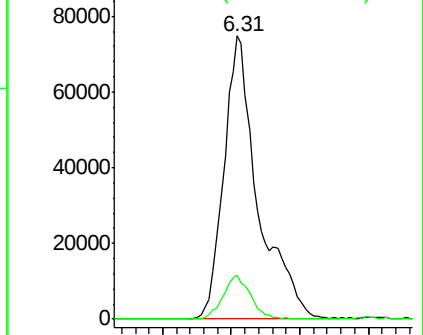
MMDadoda

11/25/2020 2:01:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.361 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

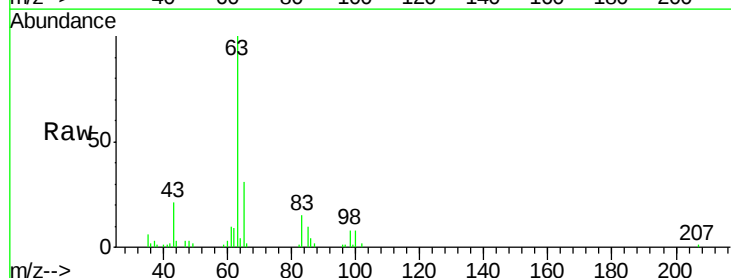
Tgt Ion: 63 Resp: 77677

Ion Ratio Lower Upper

63 100

98 8.1 4.4 13.2

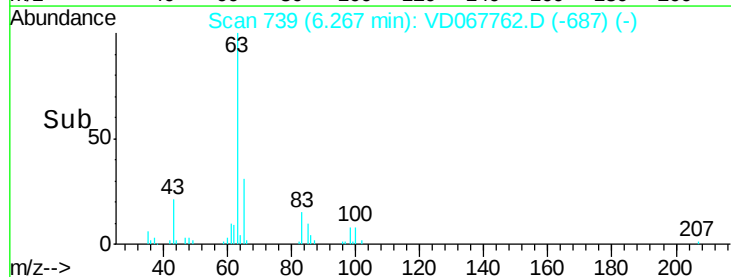
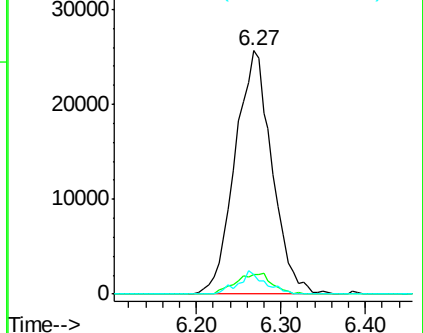
100 7.9 2.6 8.0

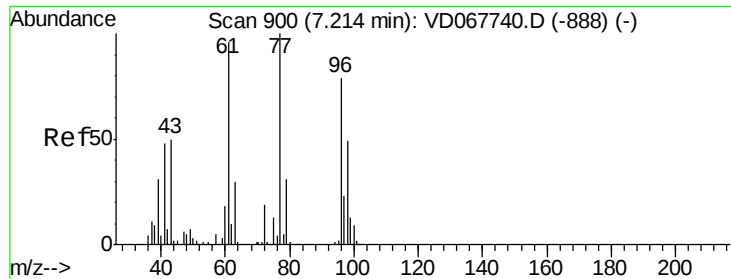


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 105.647 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 43 Resp: 38954

Ion Ratio Lower Upper

43 100

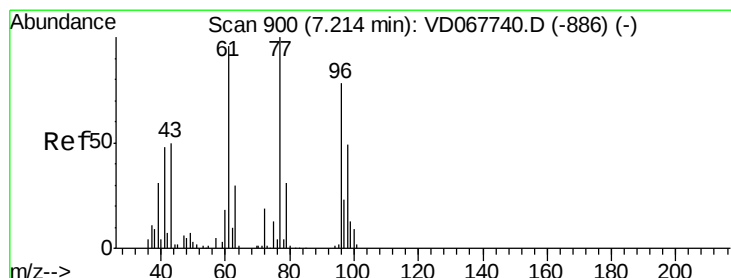
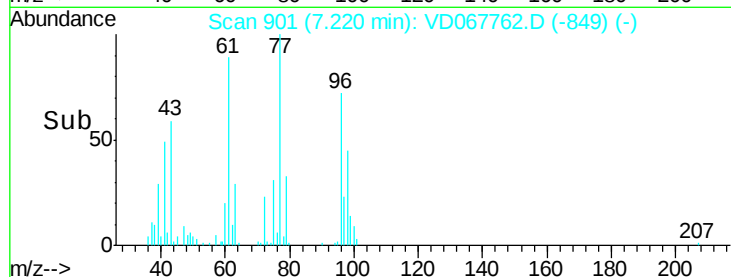
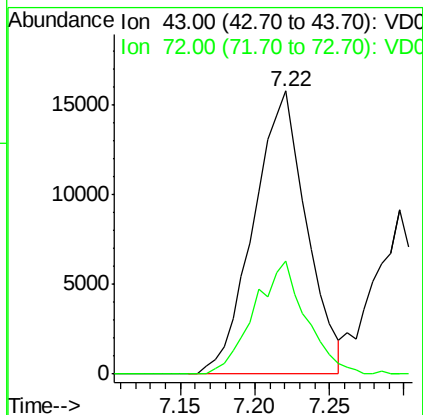
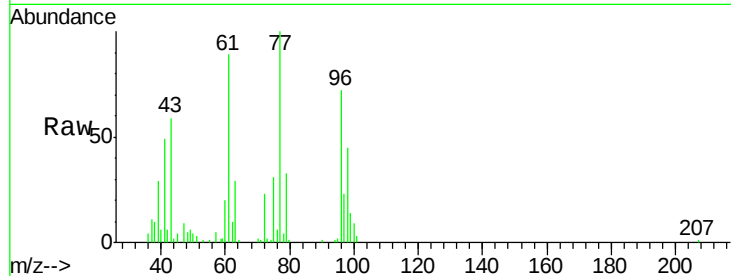
72 39.9 30.8 46.2

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#26

2,2-Dichloropropane

Concen: 21.679 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067762.D

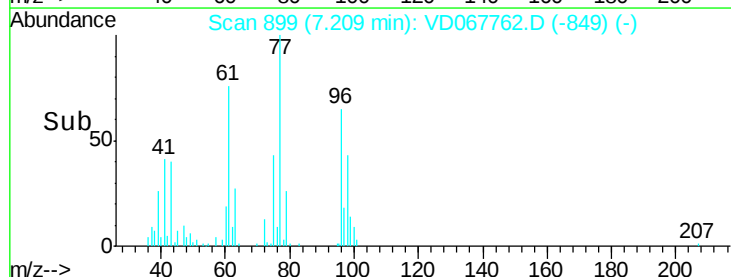
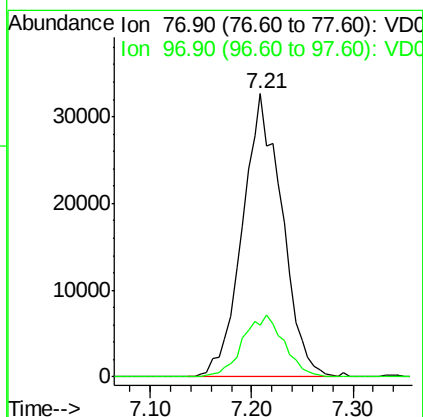
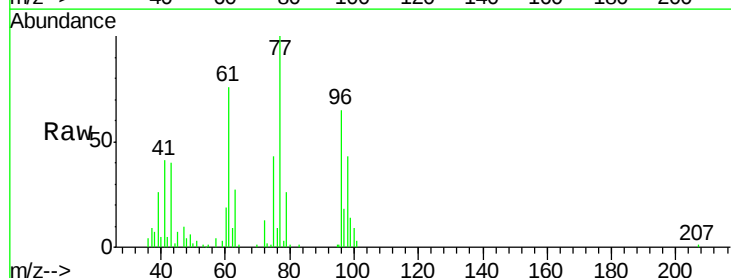
Acq: 24 Nov 2020 12:03

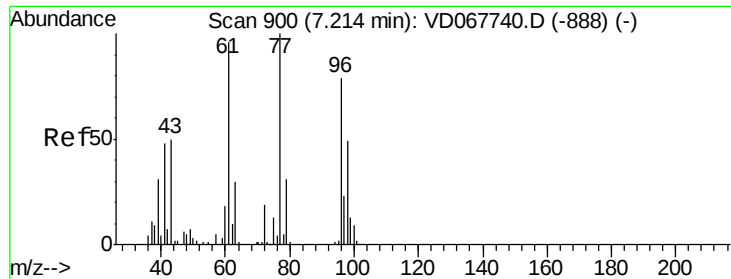
Tgt Ion: 77 Resp: 88842

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

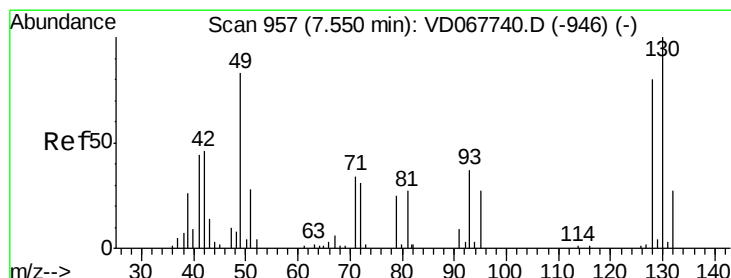
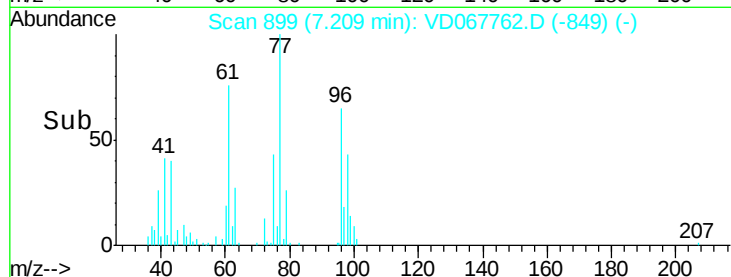
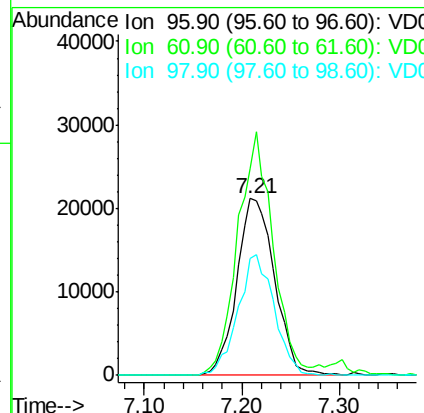
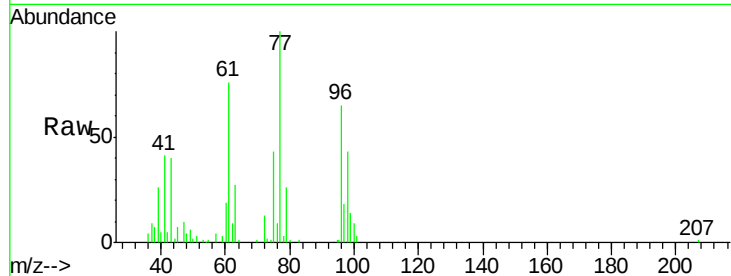
cis-1,2-Dichloroethene
 Concen: 22.067 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampled :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	258.0
98	65.0	0.0	131.8

Manual Integrations
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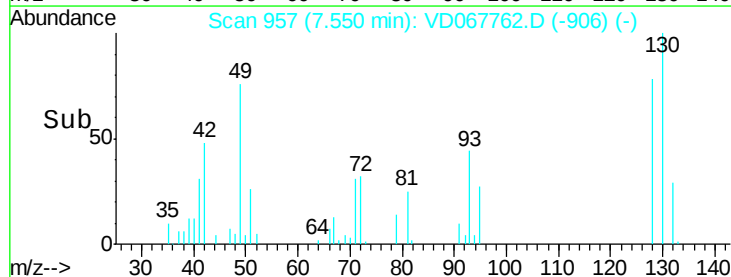
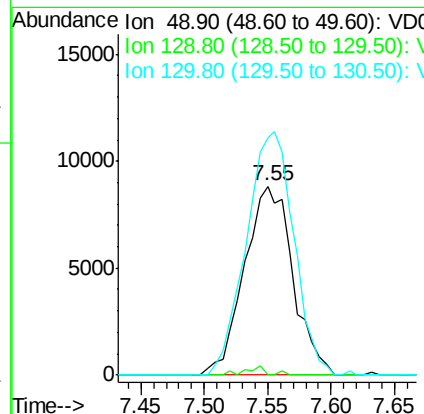
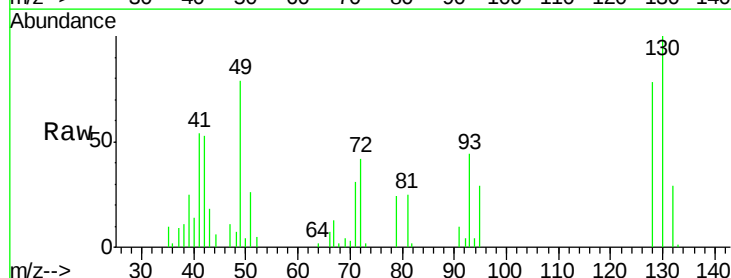
MMDadoda
 11/25/2020 2:01:56 PM

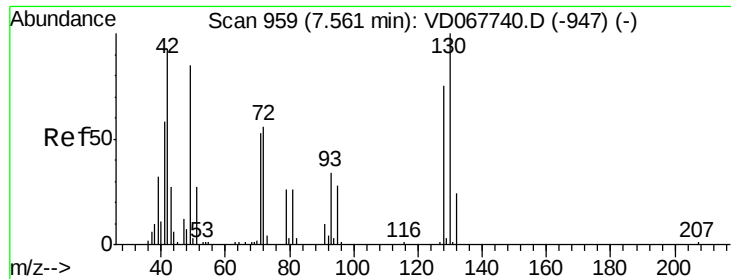


#28

Bromochloromethane
 Concen: 21.065 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	7.0
130	126.8	102.2	153.4





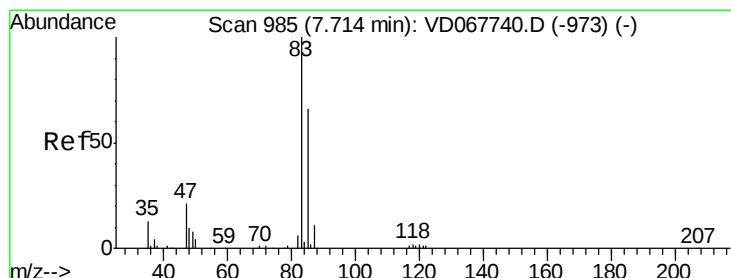
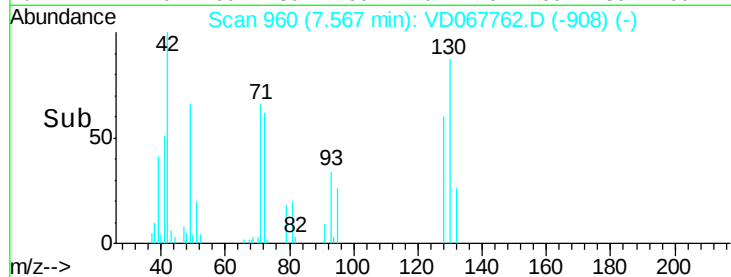
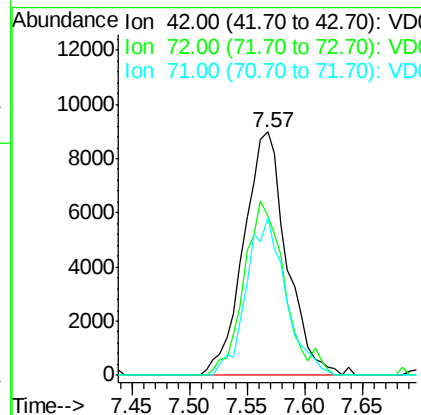
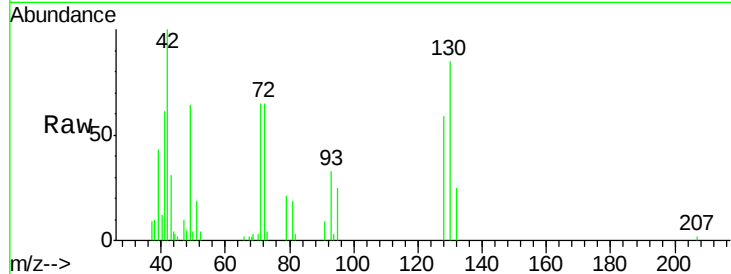
#29
Tetrahydrofuran
Concen: 110.948 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	68.0	49.3	73.9
71	59.4	45.9	68.9

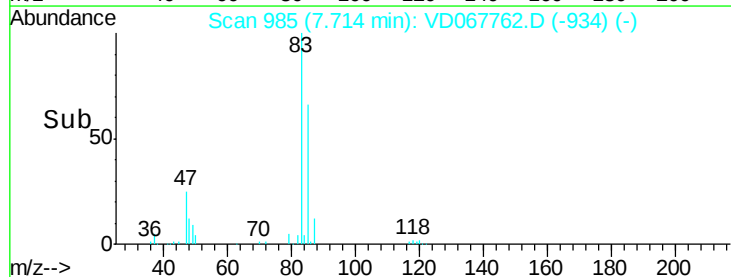
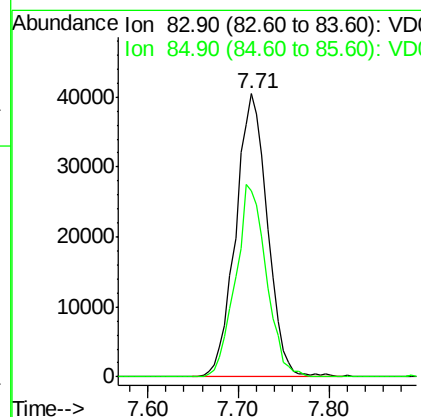
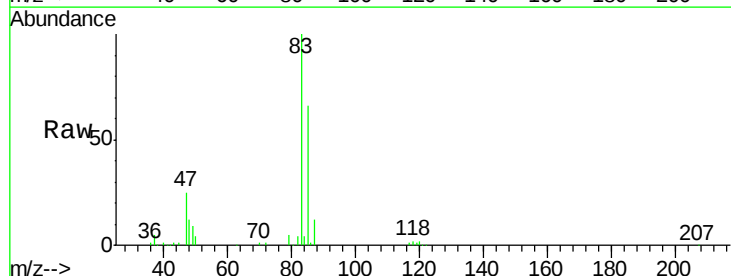
Manual Integrations
APPROVED

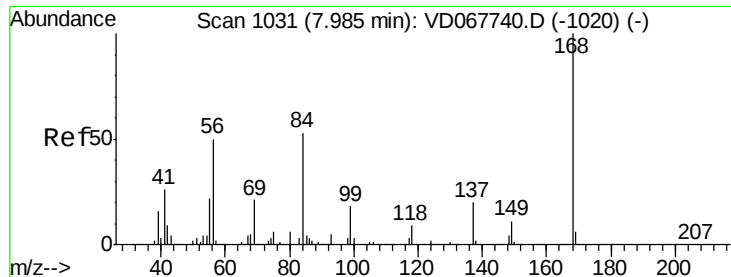
MMDadoda
11/25/2020 2:01:56 PM



#30
Chloroform
Concen: 21.668 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.1	79.7





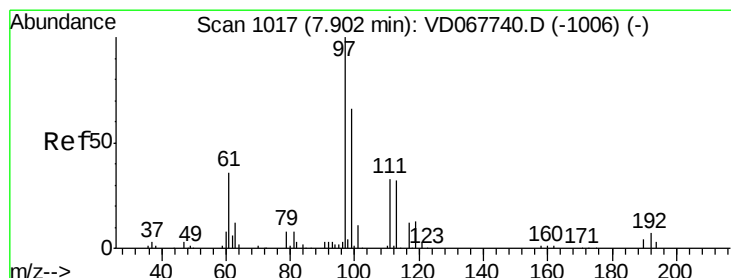
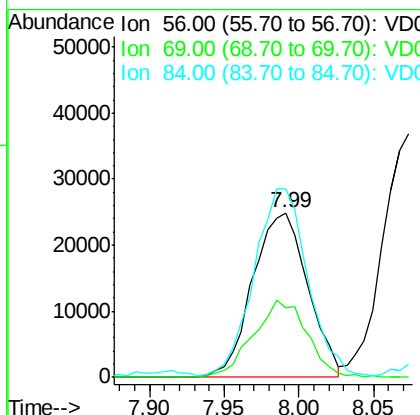
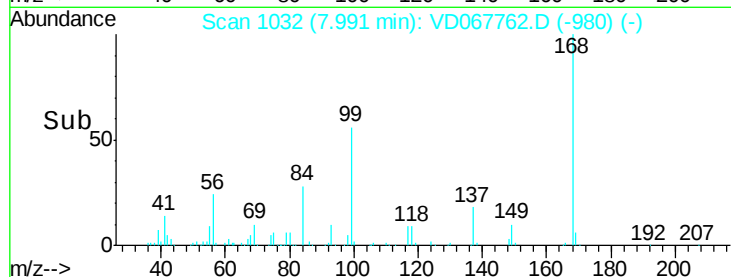
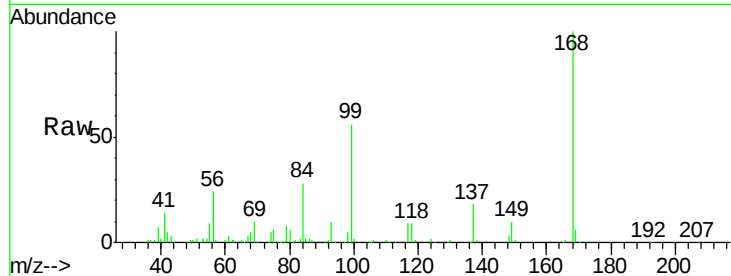
#31
Cyclohexane
Concen: 20.784 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.1	33.2	49.8
84	112.6	84.8	127.2

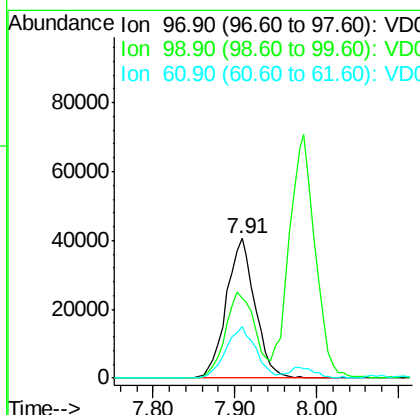
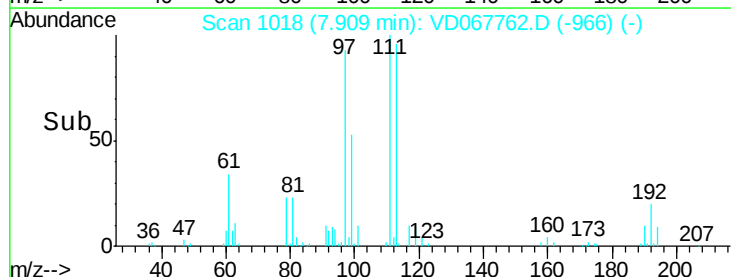
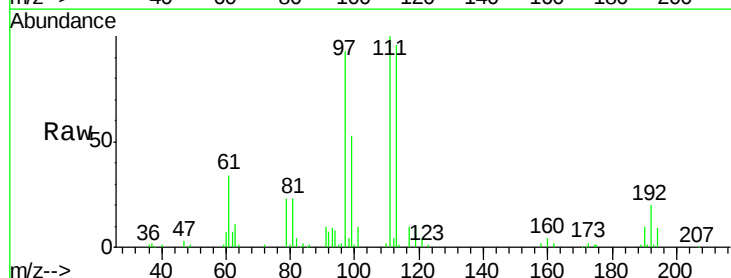
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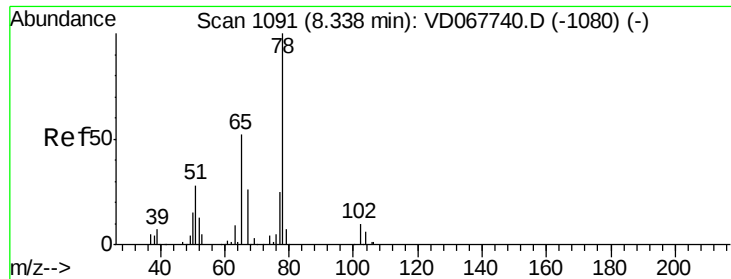
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.592 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	37.9	29.4	44.2





#33

1,2-Dichloroethane-d4

Concen: 54.050 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 65 Resp: 137473

Ion Ratio Lower Upper

65 100

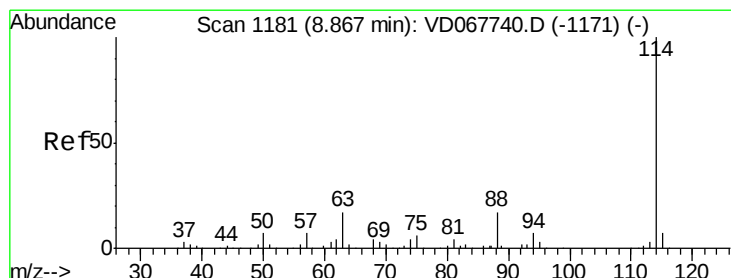
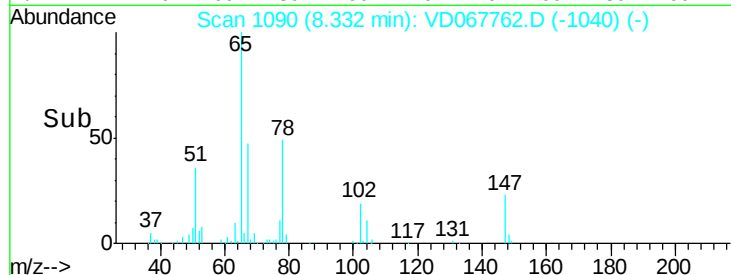
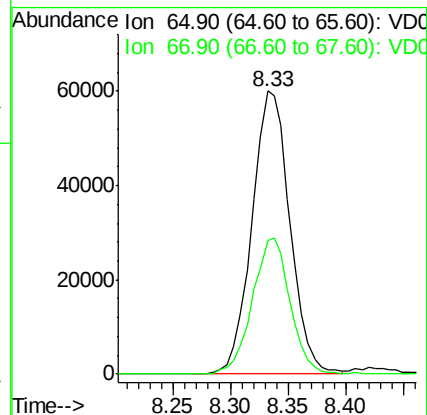
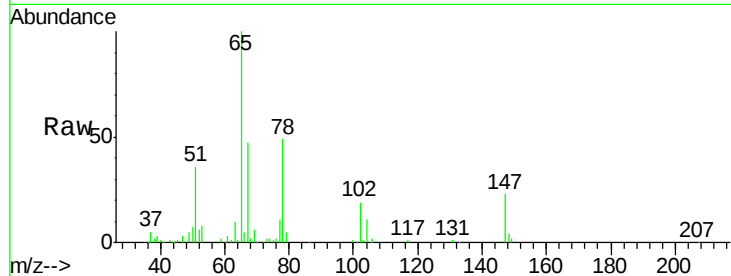
67 47.9 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

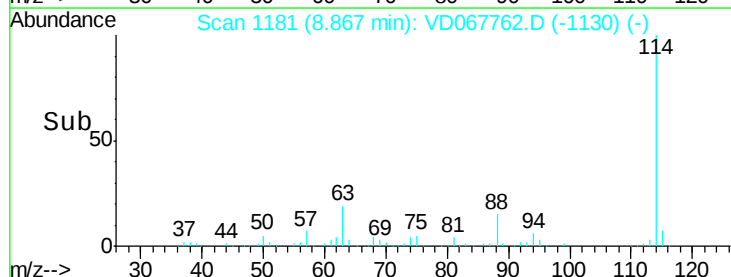
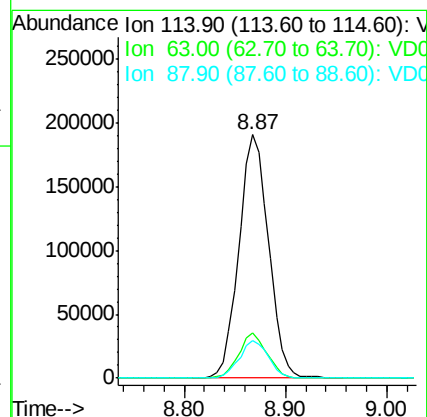
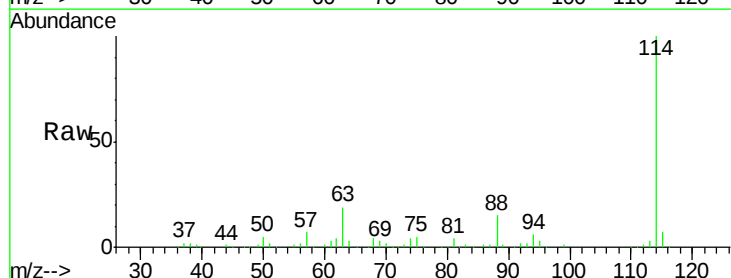
Tgt Ion: 114 Resp: 388106

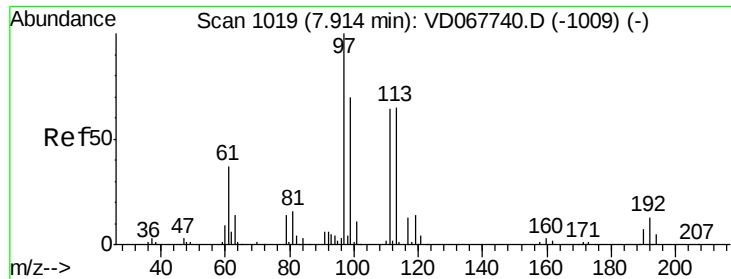
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 15.4 0.0 34.4





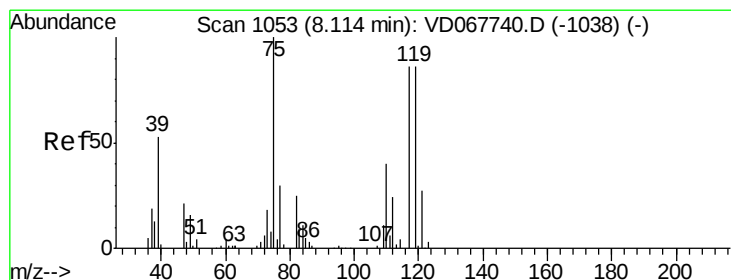
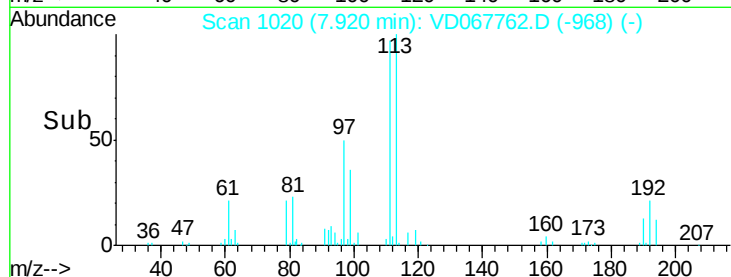
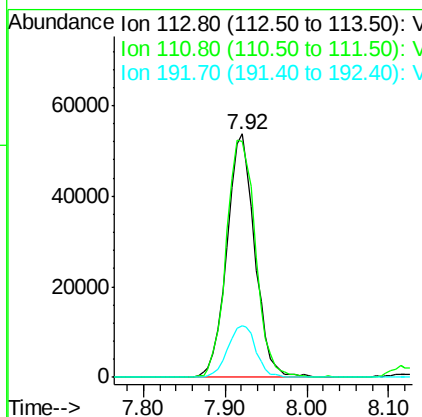
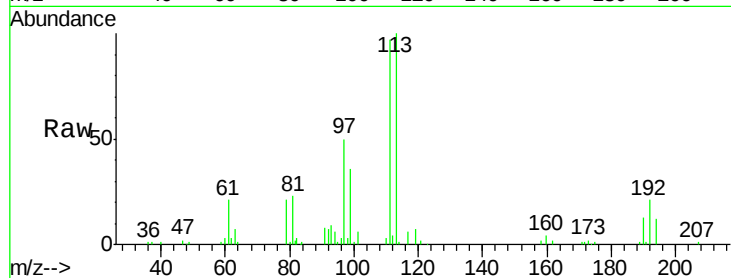
#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127468		
111	102.5	81.4	122.0	
192	21.5	17.0	25.4	

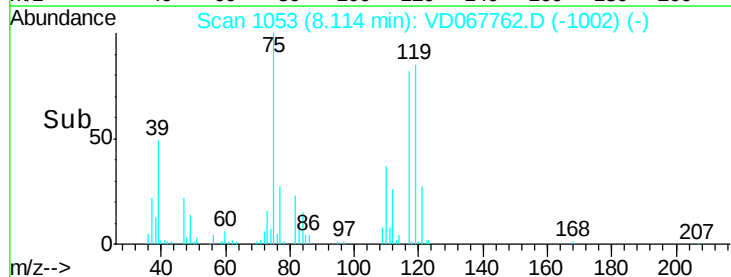
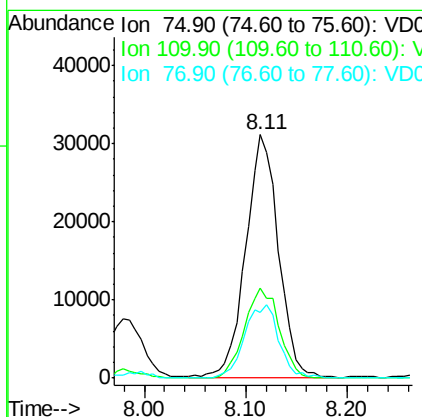
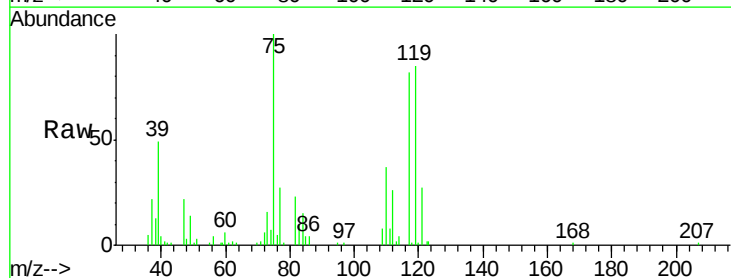
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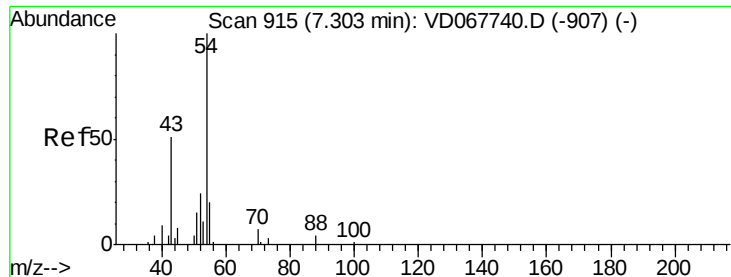
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#36
1,1-Dichloropropene
Concen: 21.174 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70518		
110	39.0	20.1	60.2	
77	31.3	24.8	37.2	





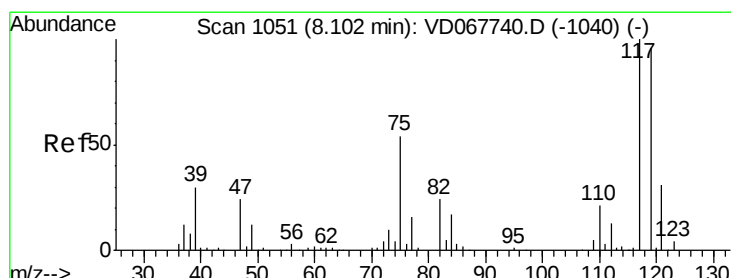
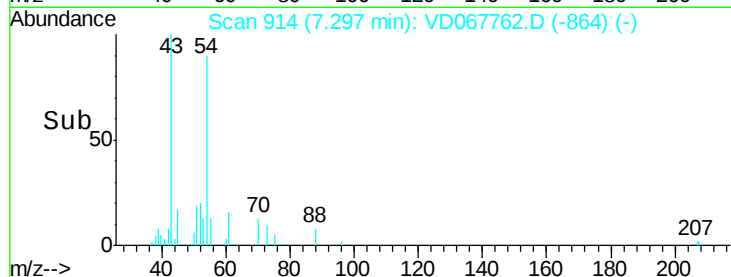
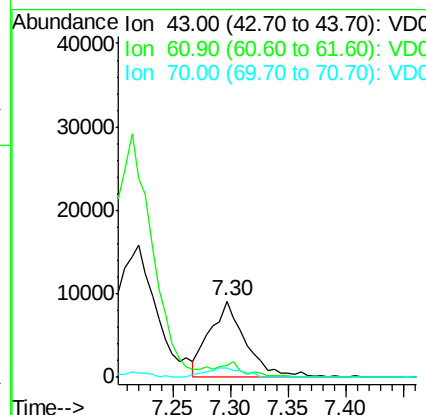
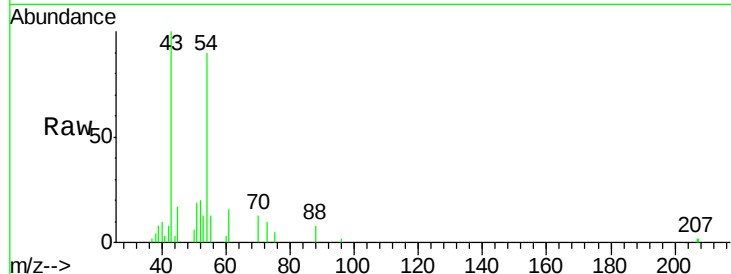
#37
Ethyl Acetate
Concen: 22.447 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.9	19.3
70	12.5	12.2	18.2

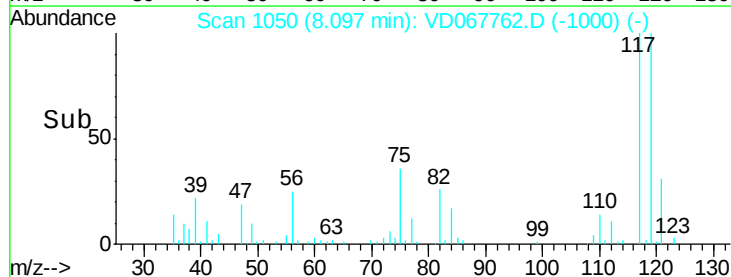
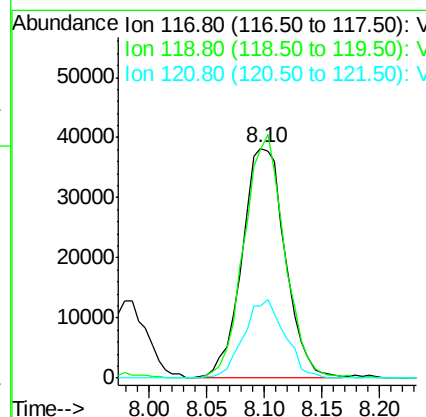
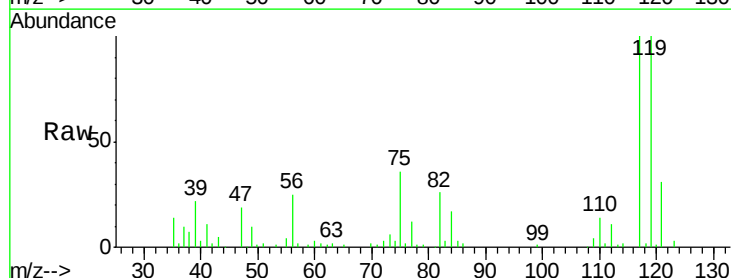
Manual Integrations
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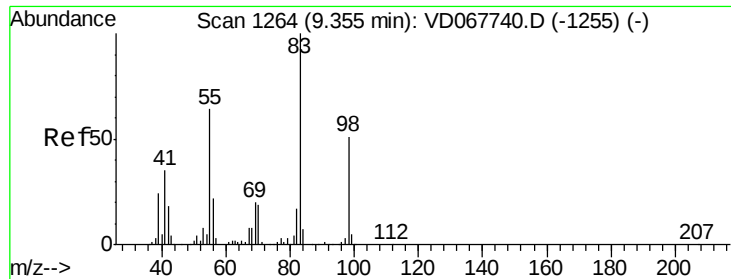
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#38
Carbon Tetrachloride
Concen: 20.401 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.6	115.0
121	31.6	24.5	36.7





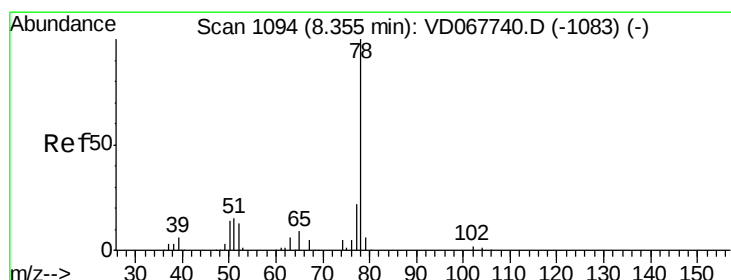
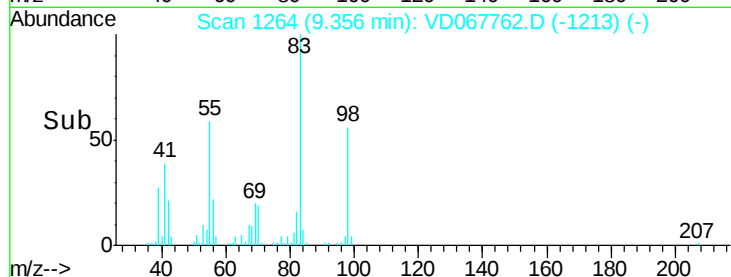
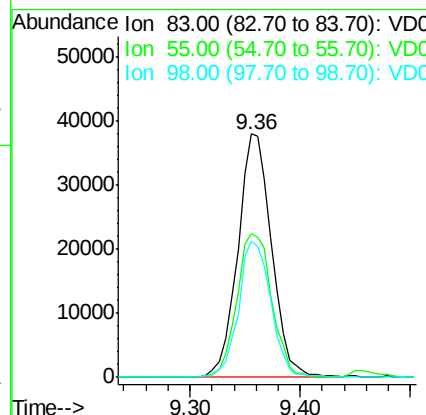
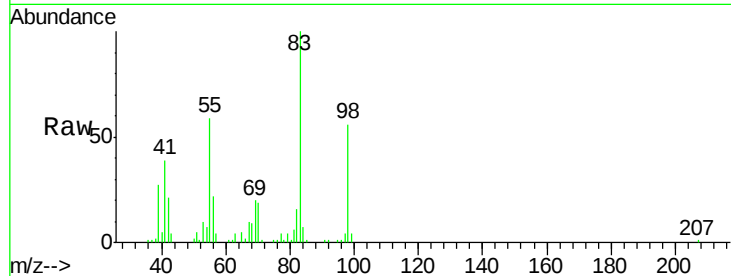
#39
Methylvlcvclohexane
Concen: 20.647 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	59.0	51.0	76.4
98	55.9	40.4	60.6

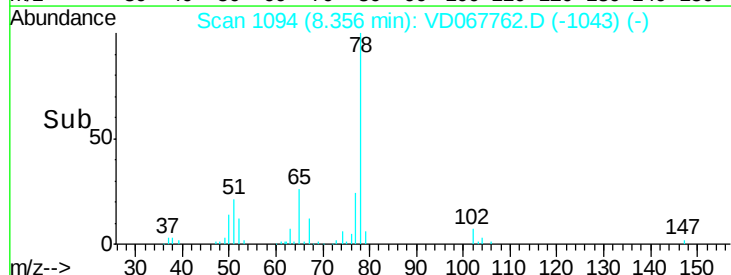
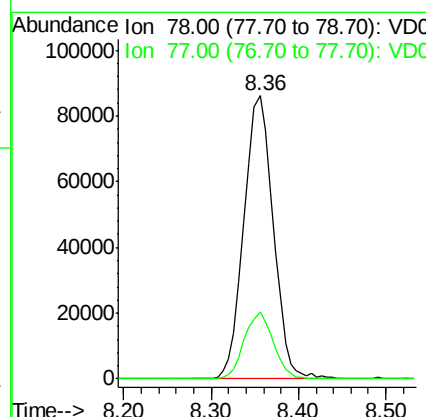
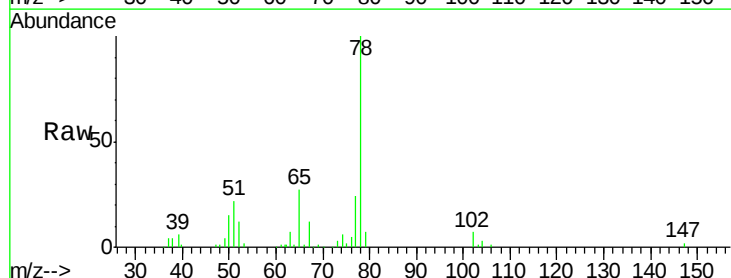
Manual Integrations
APPROVED

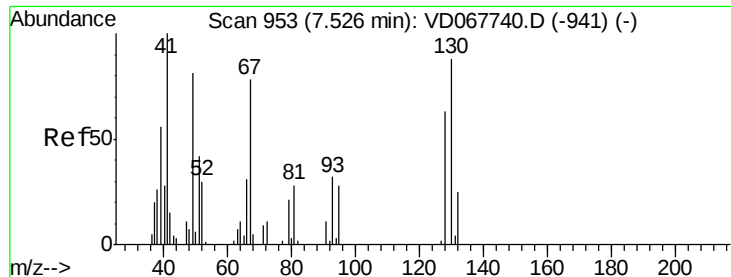
MMDadoda
11/25/2020 2:01:56 PM



#40
Benzene
Concen: 21.396 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	17.8	26.6





#41

Methacrylonitrile

Concen: 27.491 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 41 Resp: 12571

Ion Ratio Lower Upper

41 100

39 61.6 50.2 75.4

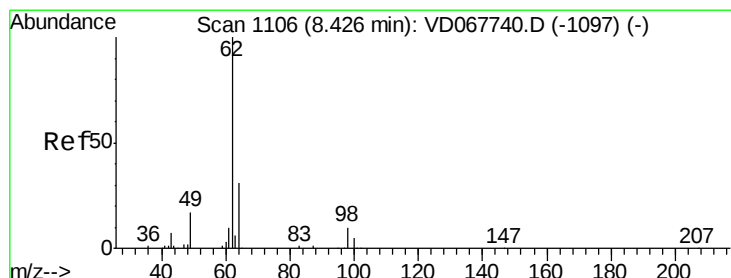
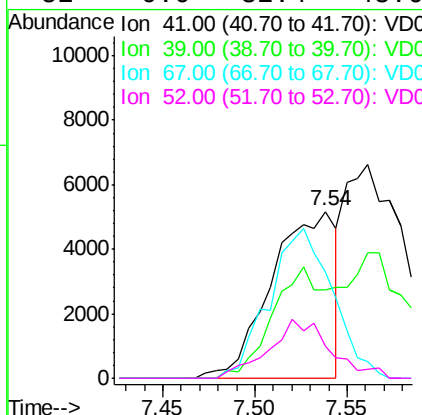
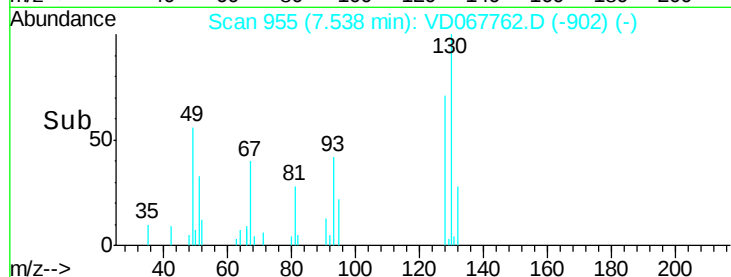
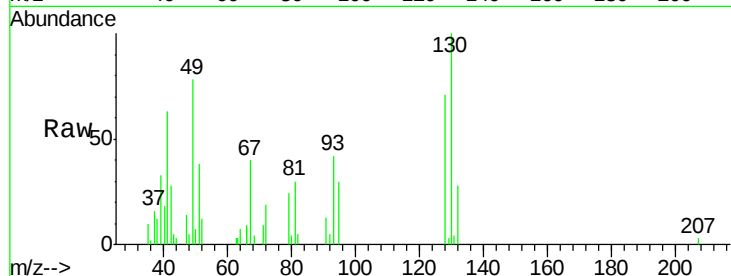
67 0.0 79.0 118.6#

52 0.0 32.4 48.6#

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#42

1,2-Dichloroethane

Concen: 20.996 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067762.D

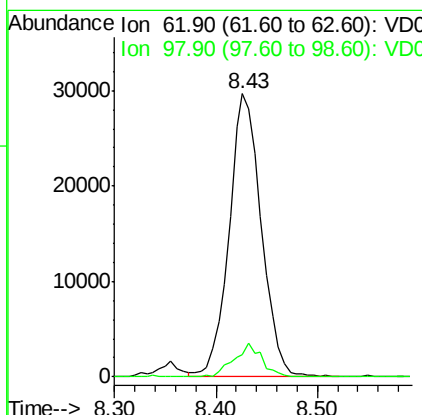
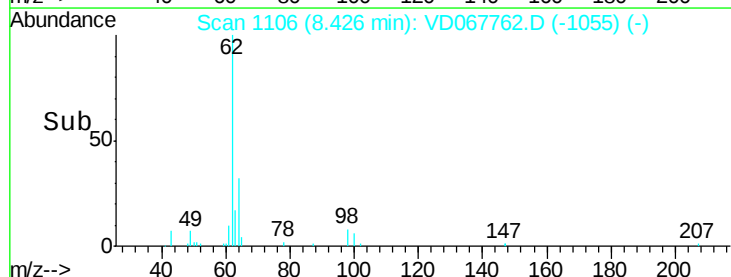
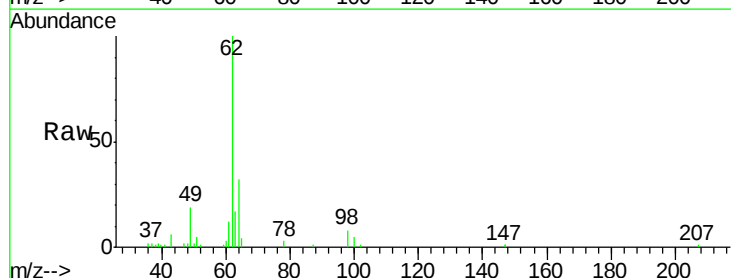
Acq: 24 Nov 2020 12:03

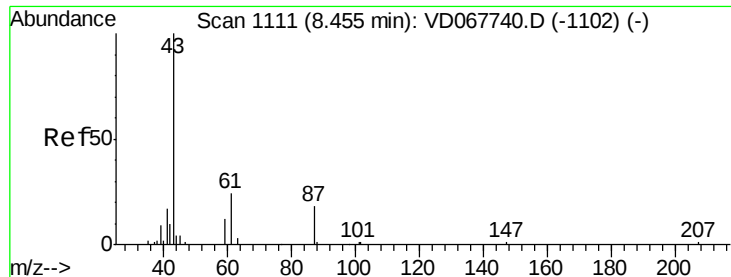
Tgt Ion: 62 Resp: 65161

Ion Ratio Lower Upper

62 100

98 10.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 20.362 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

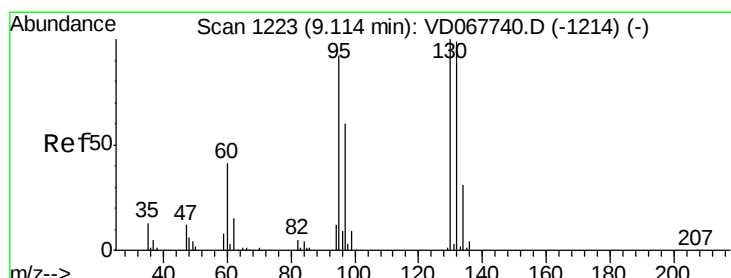
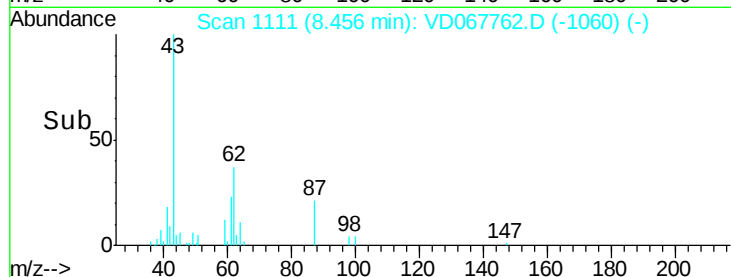
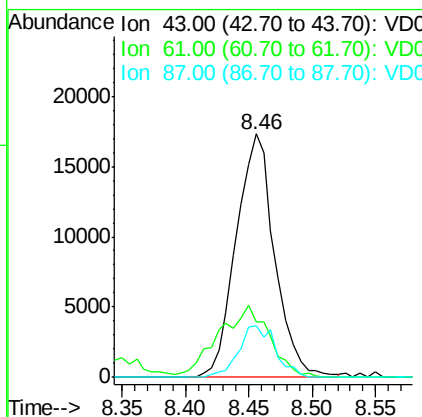
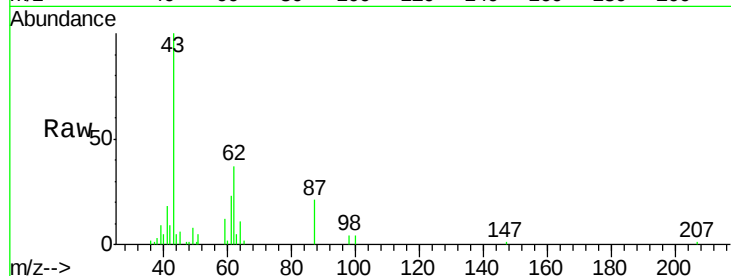
ClientSampleId :

VD1124SBS01

Tot Ion:	43	Resp:	36415
Ion	Ratio	Lower	Upper
43	100		
61	39.5	30.2	45.4
87	20.5	14.2	21.4

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#44

Trichloroethene

Concen: 20.918 ug/l

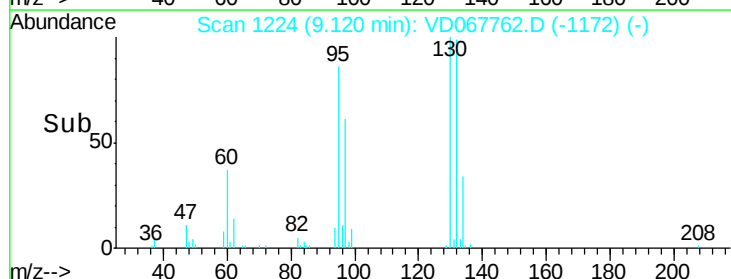
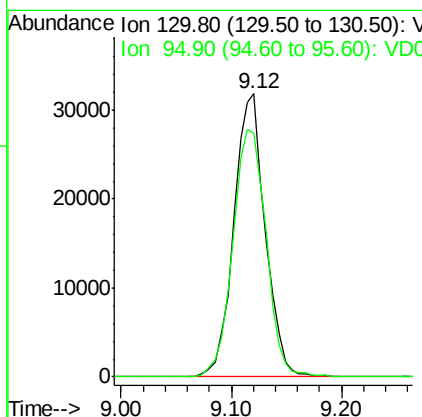
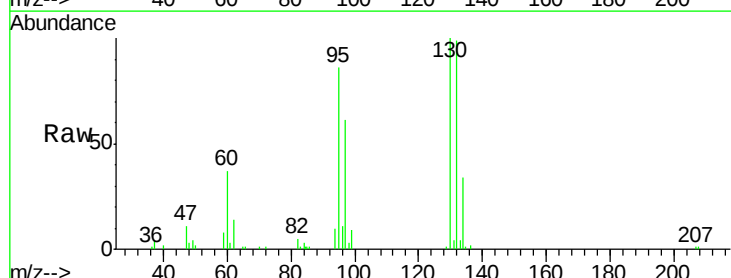
RT: 9.12 min Scan# 1224

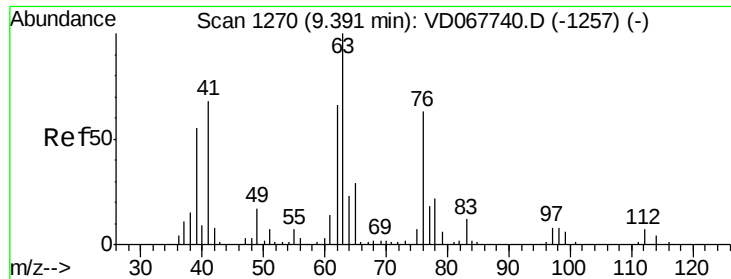
Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion:	130	Resp:	63413
Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	184.2





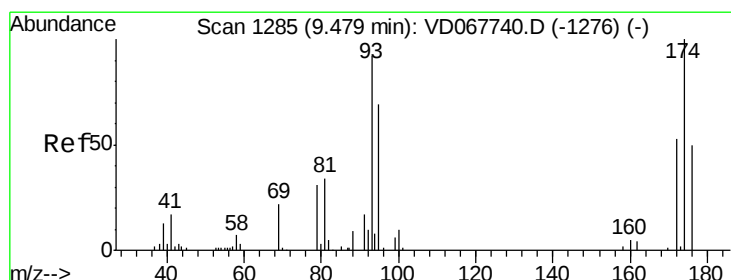
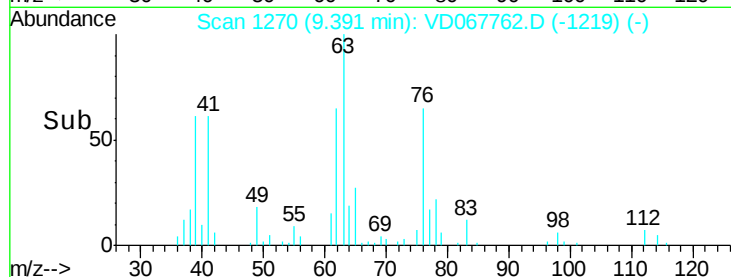
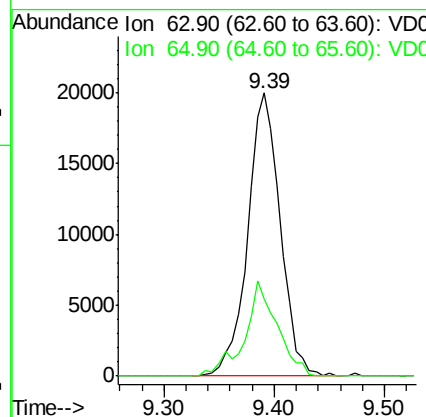
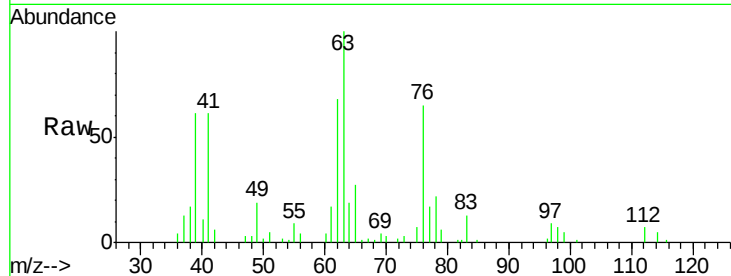
#45
 1,2-Dichloropropane
 Concen: 22.021 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tot Ion: 63 Resp: 41329
 Ion Ratio Lower Upper
 63 100
 65 27.1 23.1 34.7

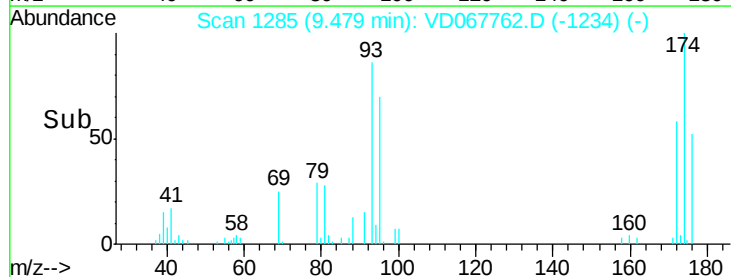
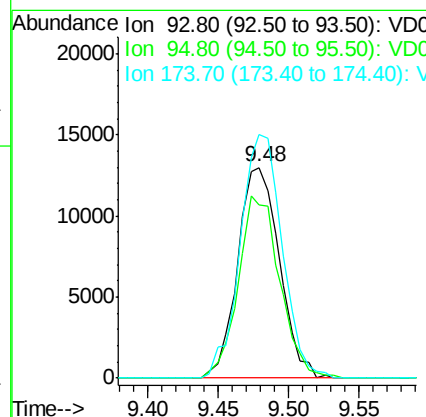
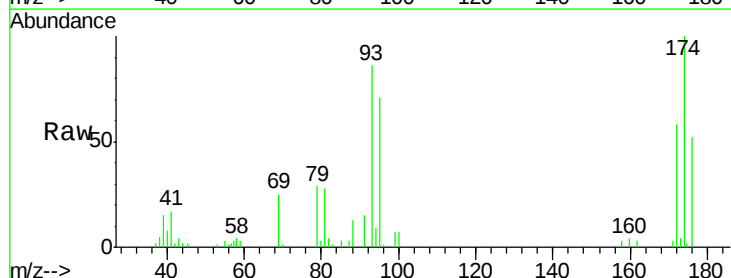
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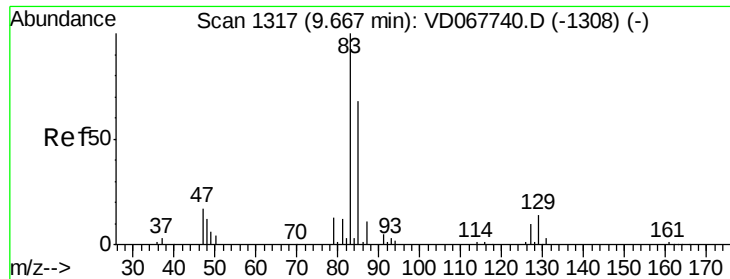
MMDadoda
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#46
 Dibromomethane
 Concen: 21.043 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 93 Resp: 26888
 Ion Ratio Lower Upper
 93 100
 95 85.9 63.4 95.2
 174 116.3 89.6 134.4





#47

Bromodichloromethane

Concen: 20.986 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

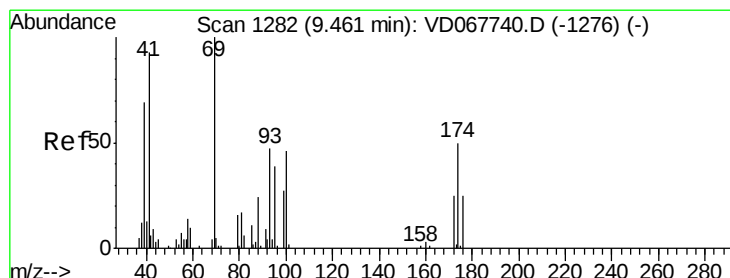
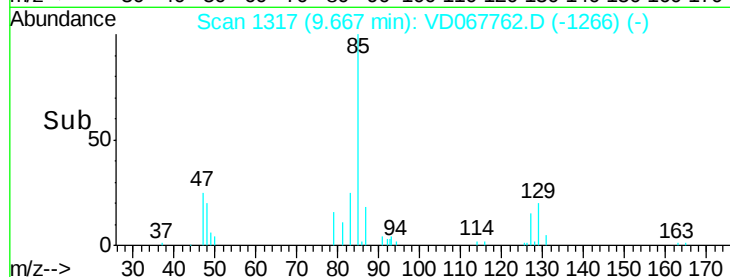
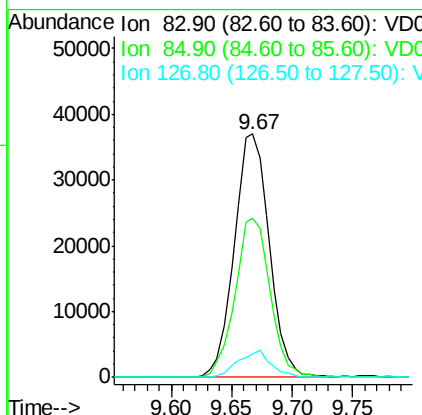
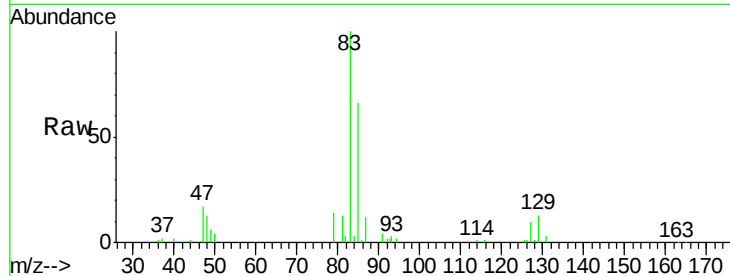
ClientSampleId :

VD1124SBSD01

Tot Ion:	83	Resp:	74673
Ion	Ratio	Lower	Upper
83	100		
85	65.5	54.2	81.2
127	9.7	7.6	11.4

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#48

Methyl methacrylate

Concen: 19.615 ug/l

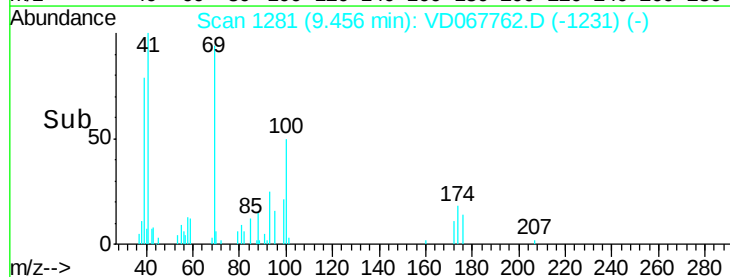
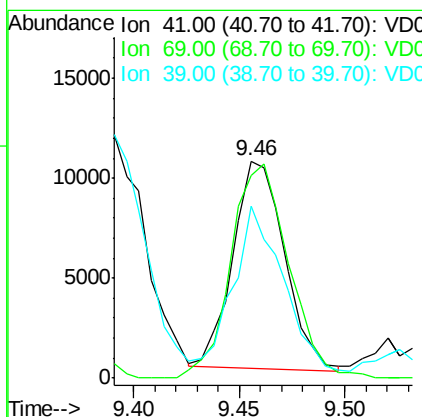
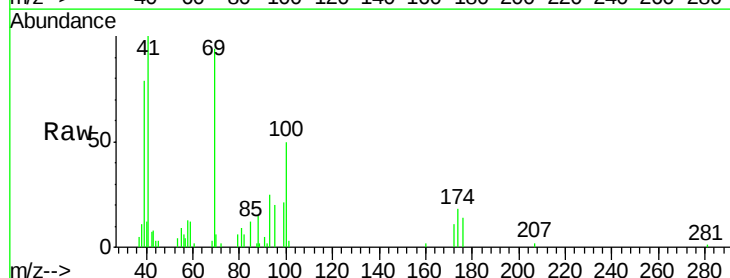
RT: 9.46 min Scan# 1281

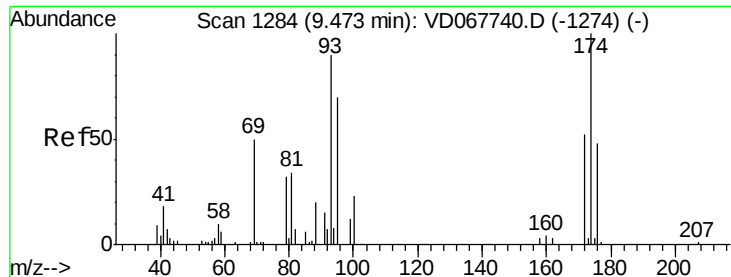
Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion:	41	Resp:	17537
Ion	Ratio	Lower	Upper
41	100		
69	116.5	87.8	131.6
39	85.9	60.5	90.7





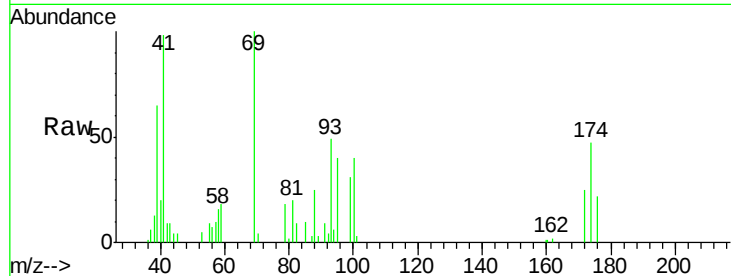
#49
1,4-Dioxane
Concen: 402.601 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

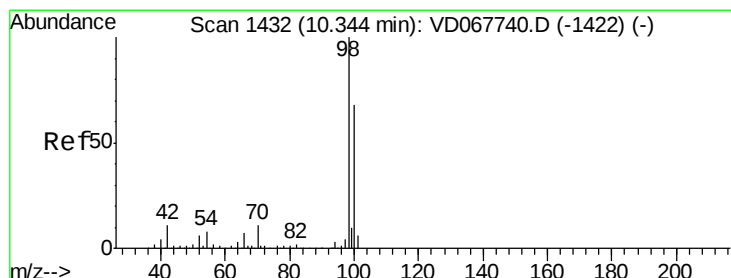
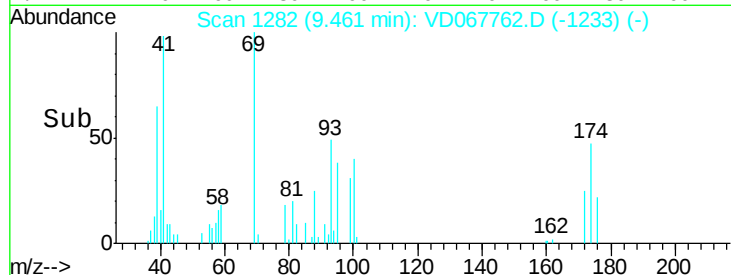
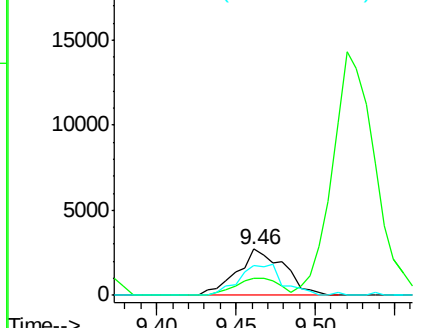
Tot Ion	88	Resp	5575
Ion Ratio	Lower	Upper	
88	100		
43	34.8	25.2	37.8
58	62.3	48.2	72.2

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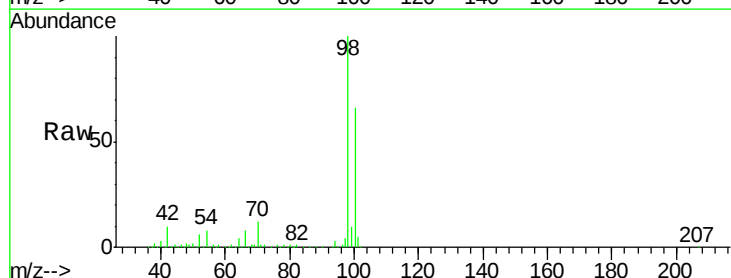


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

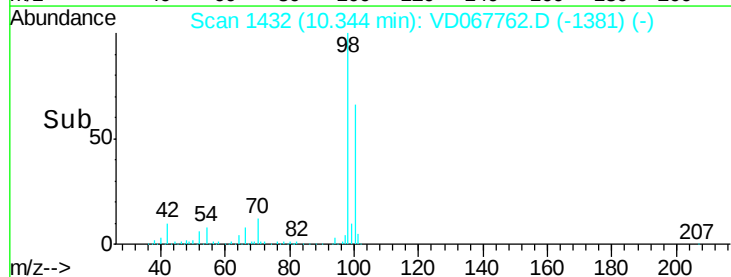
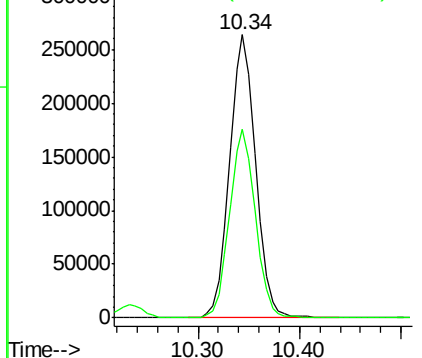


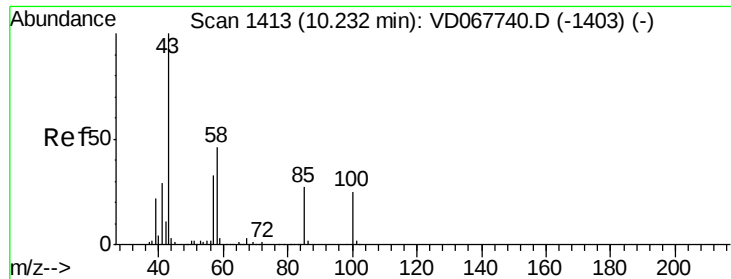
#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	98	Resp	469616
Ion Ratio	Lower	Upper	
98	100		
100	66.2	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: 106.076 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 43 Resp: 89265

Ion Ratio Lower Upper

43 100

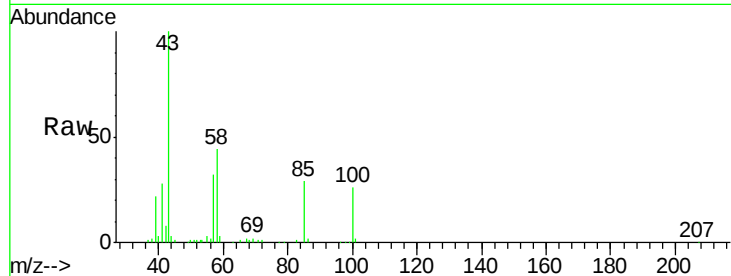
58 44.2 34.7 52.1

Manual Integrations

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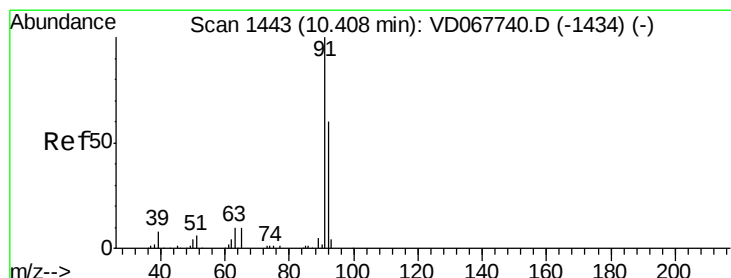
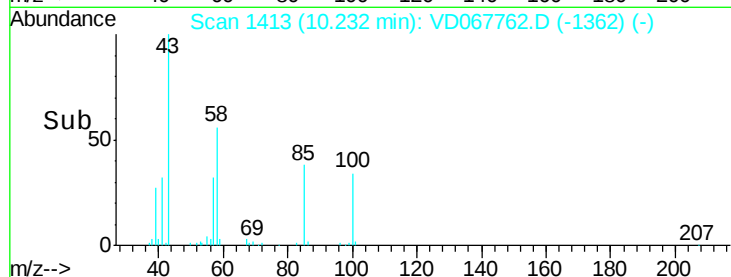
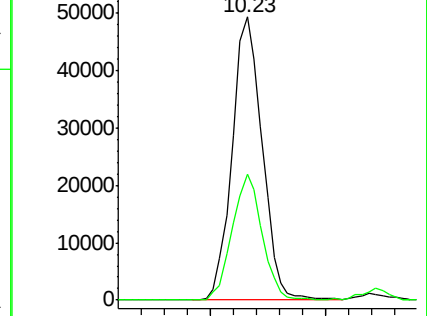
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.691 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067762.D

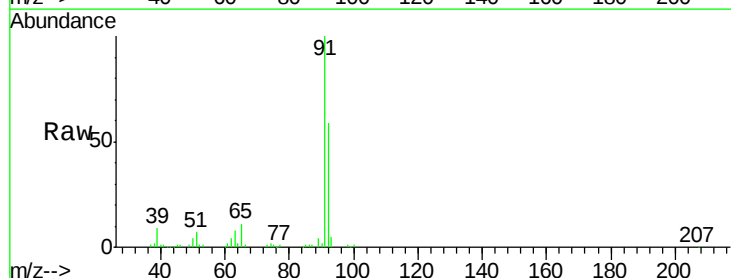
Acq: 24 Nov 2020 12:03

Tgt Ion: 92 Resp: 134595

Ion Ratio Lower Upper

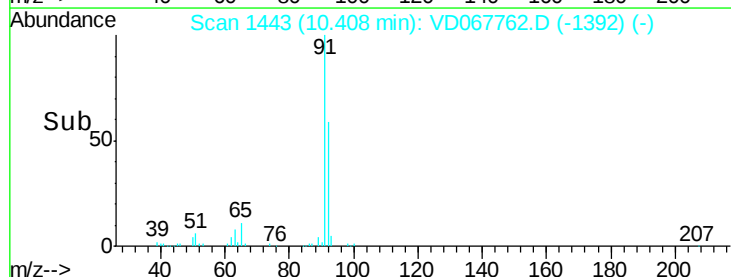
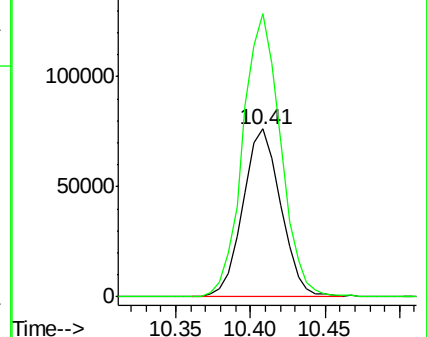
92 100

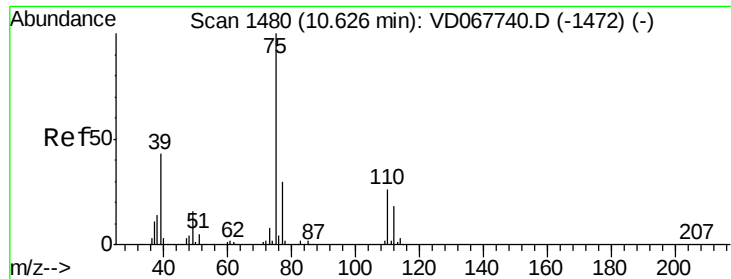
91 167.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





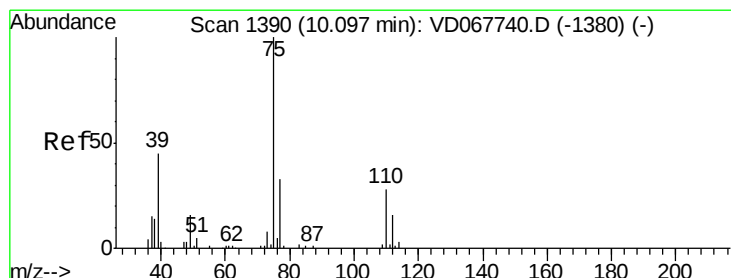
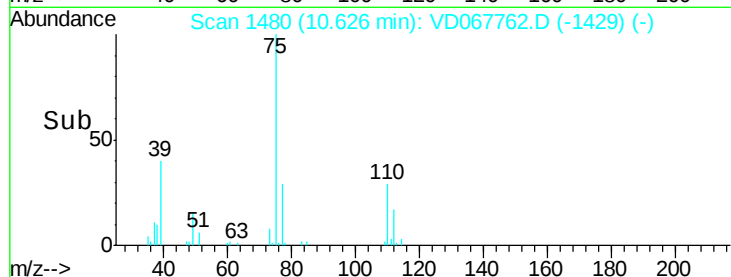
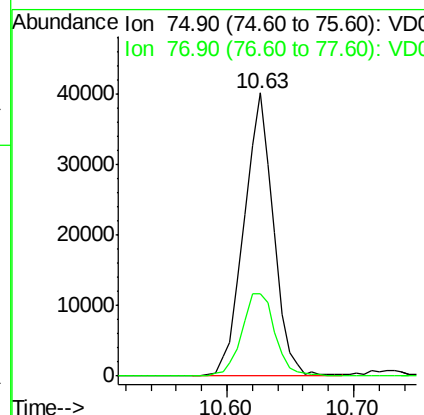
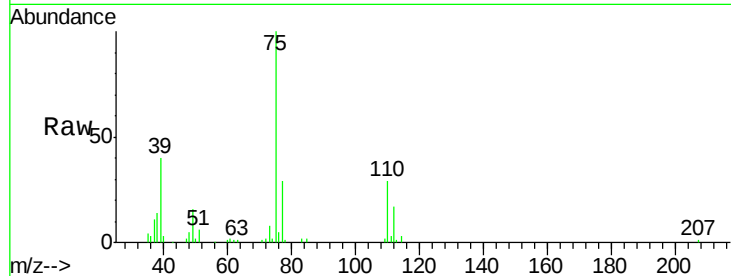
#53
t-1,3-Dichloropropene
Concen: 20.866 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 75 Resp: 64865
Ion Ratio Lower Upper
75 100
77 29.2 24.2 36.4

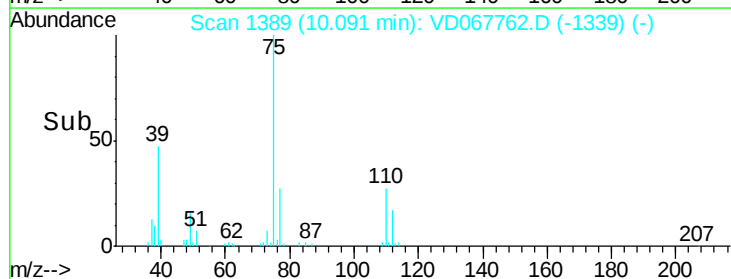
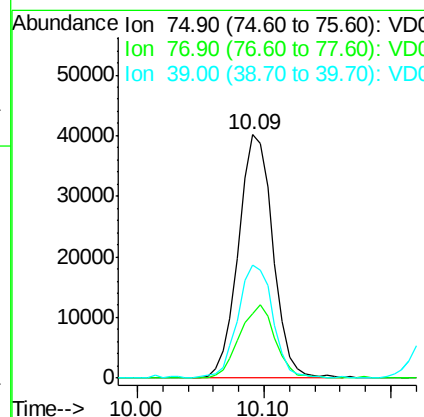
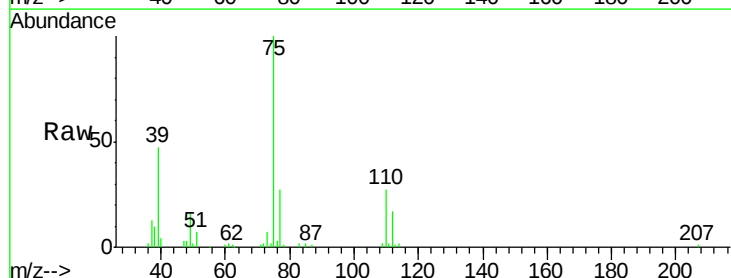
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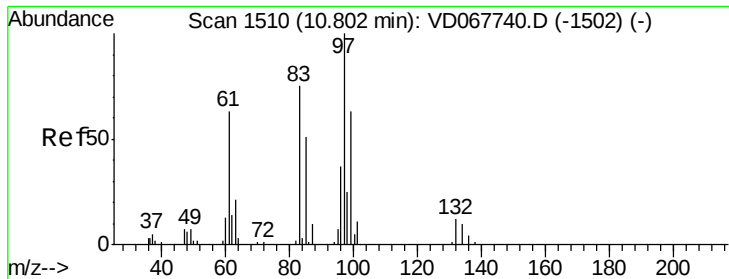
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#54
cis-1,3-Dichloropropene
Concen: 21.515 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 75 Resp: 75692
Ion Ratio Lower Upper
75 100
77 26.6 26.1 39.1
39 46.7 35.8 53.6





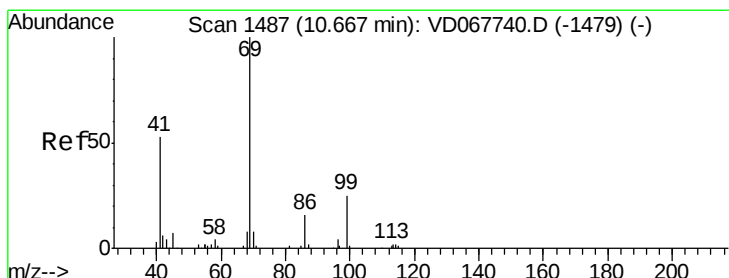
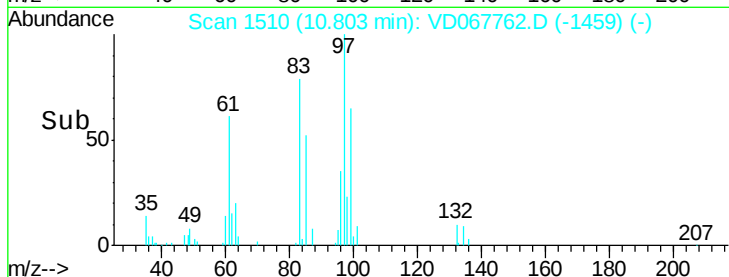
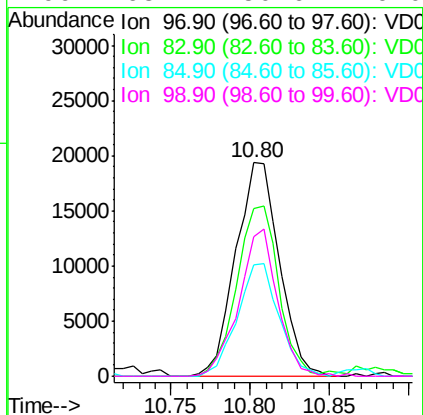
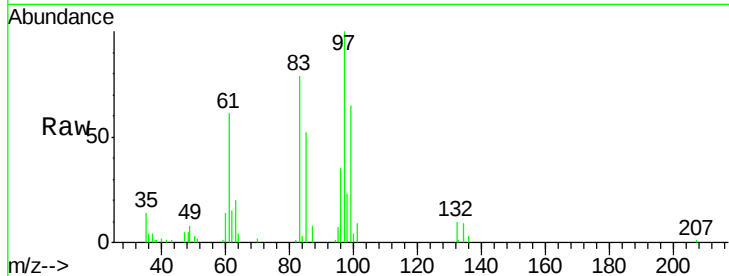
#55
 1,1,2-Trichloroethane
 Concen: 21.573 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36986		
83	78.8	60.2	90.4		
85	52.4	40.5	60.7		
99	65.2	50.6	76.0		

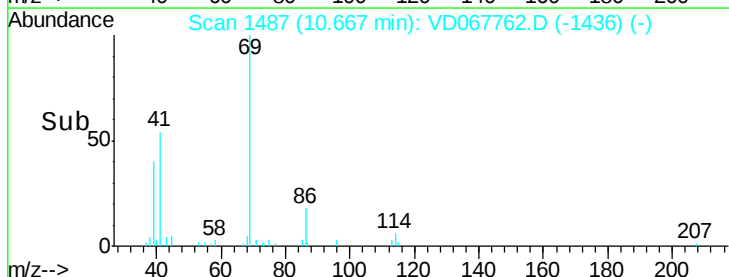
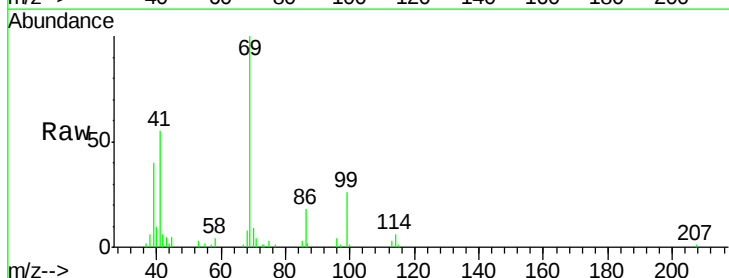
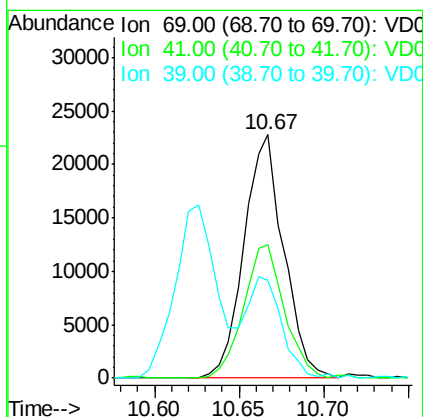
Manual Integrations
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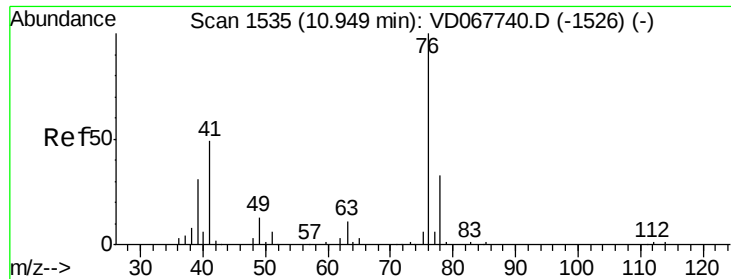
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#56
 Ethyl methacrylate
 Concen: 20.958 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		37201		
41	56.3	43.4	65.0		
39	35.7	29.6	44.4		





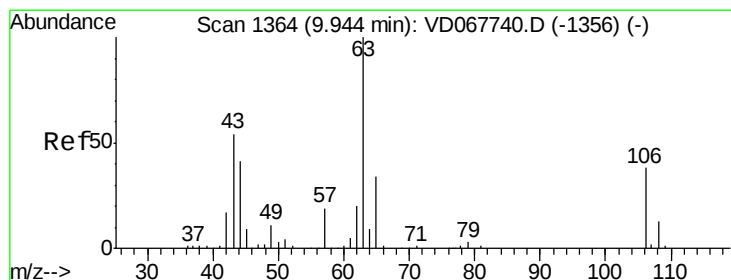
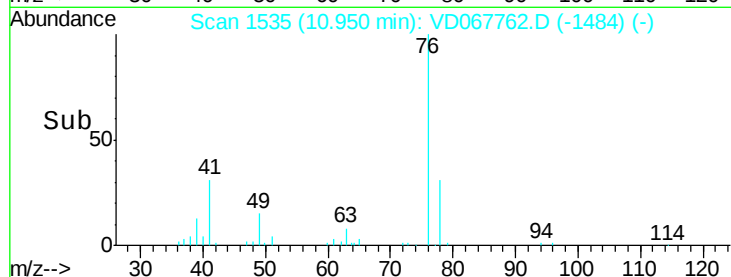
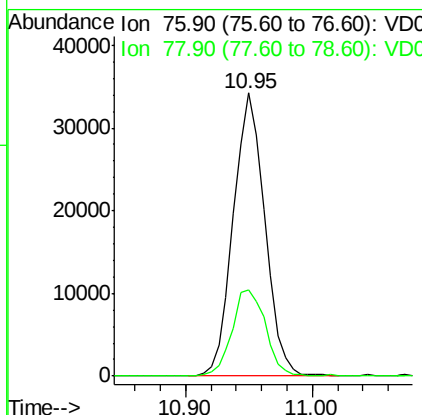
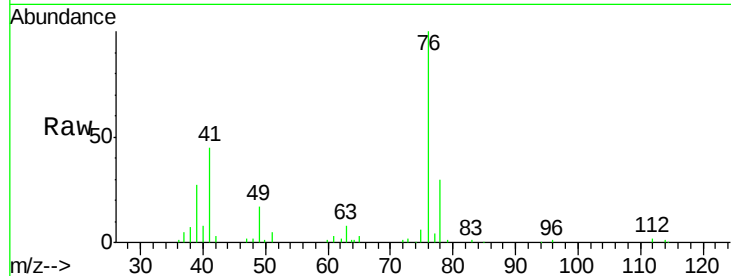
#57
 1,3-Dichloropropane
 Concen: 21.803 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tot Ion: 76 Resp: 58939
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

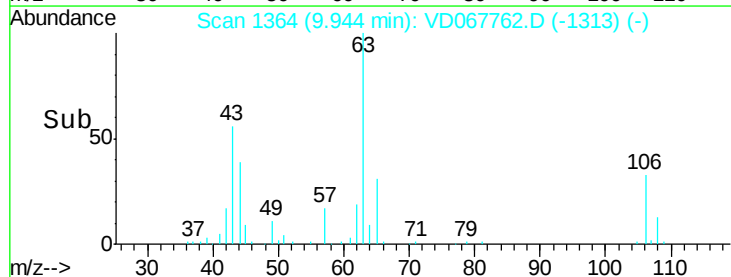
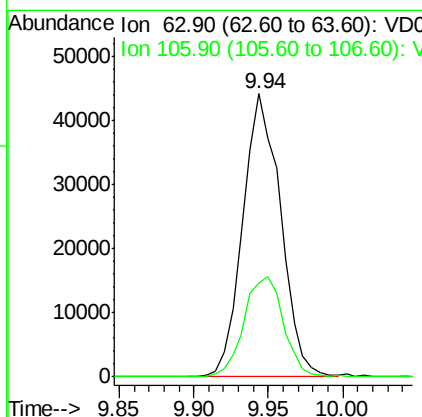
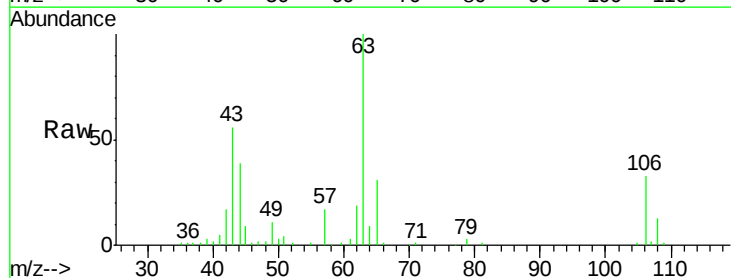
Manual Integrations
 APPROVED

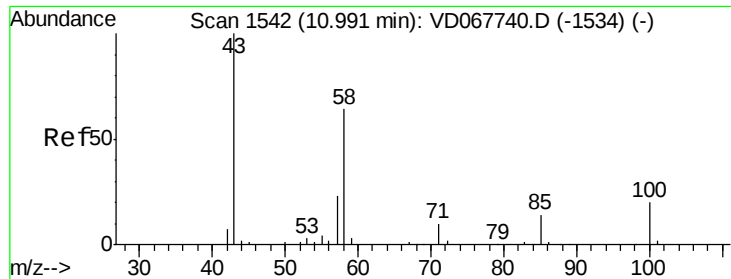
MMDadoda
 11/25/2020 2:01:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.173 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 63 Resp: 77275
 Ion Ratio Lower Upper
 63 100
 106 36.8 31.0 46.6





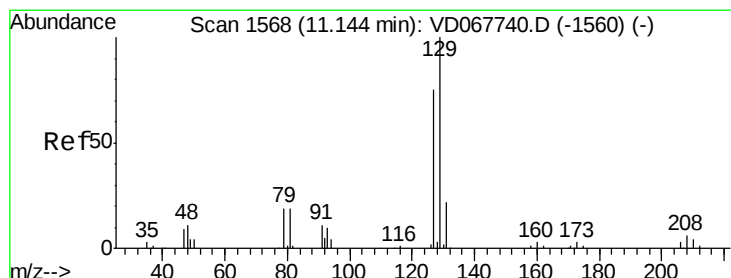
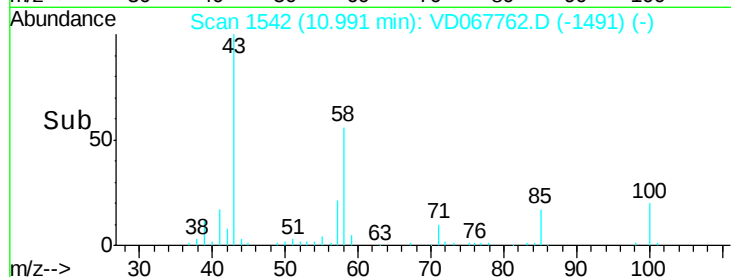
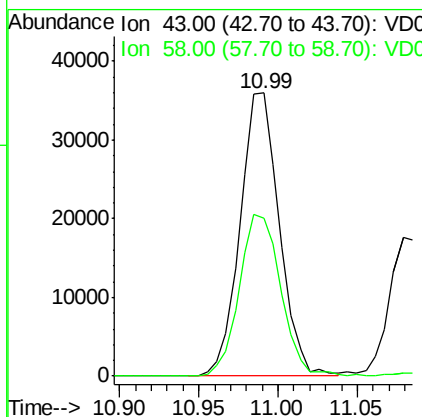
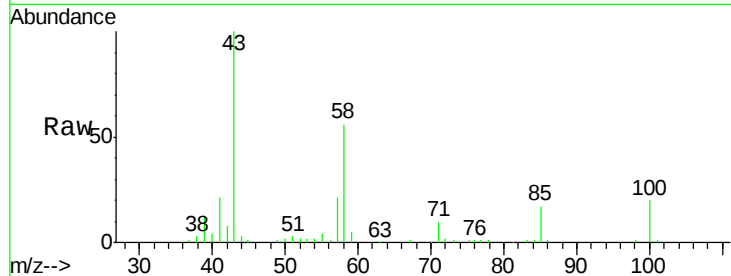
#59
2-Hexanone
Concen: 104.139 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion: 43 Resp: 61873
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5

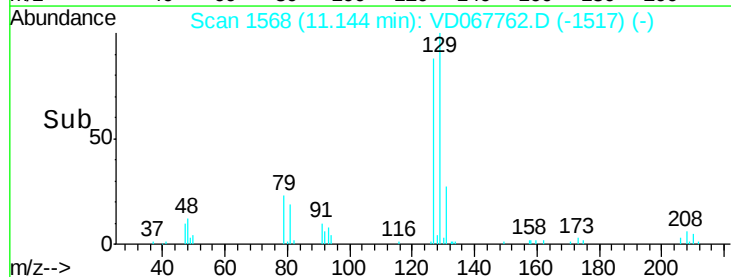
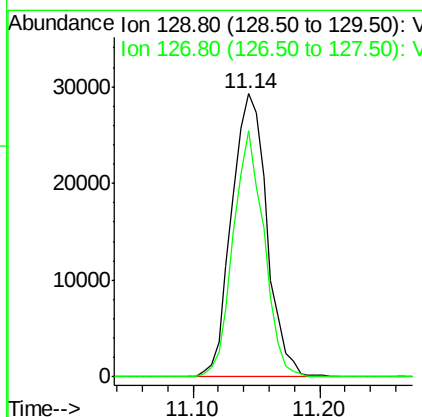
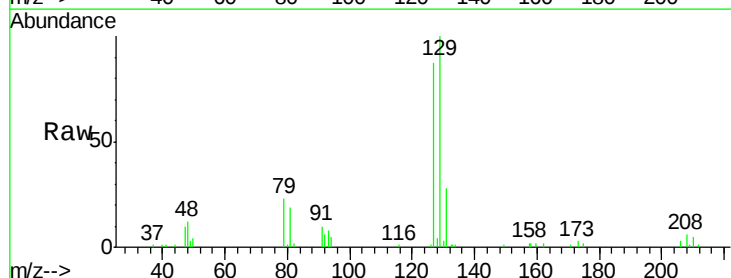
Manual Integrations
APPROVED

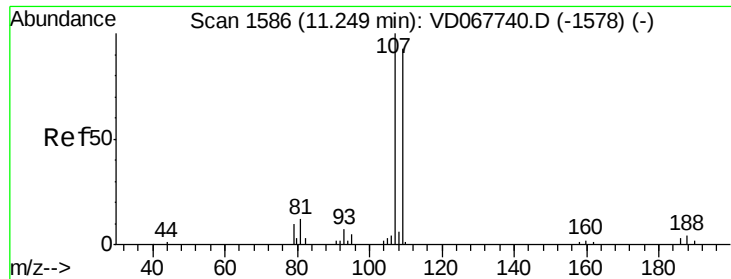
MMDadoda
11/25/2020 2:01:56 PM



#60
Dibromochloromethane
Concen: 21.647 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 129 Resp: 56555
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.7





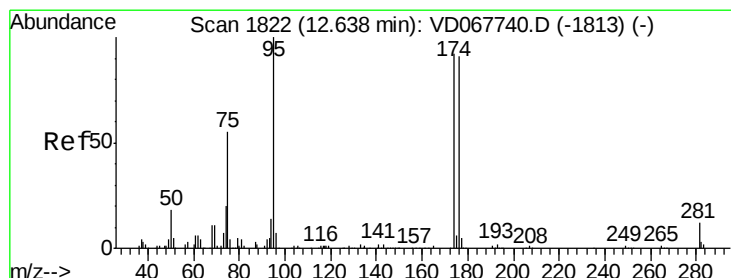
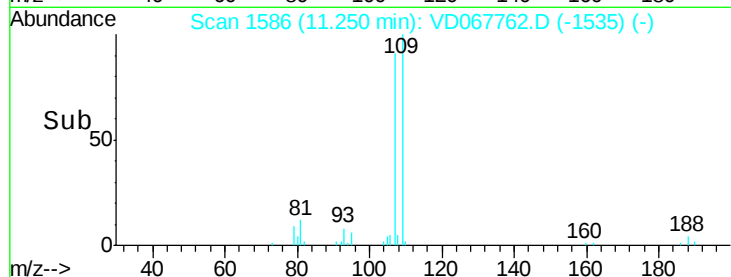
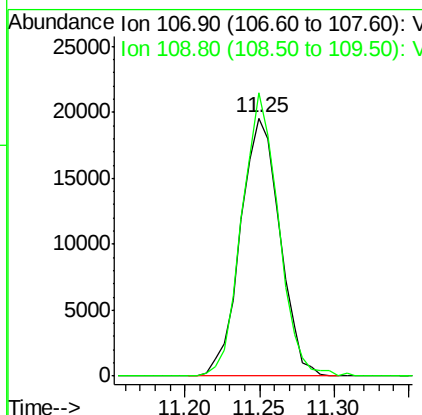
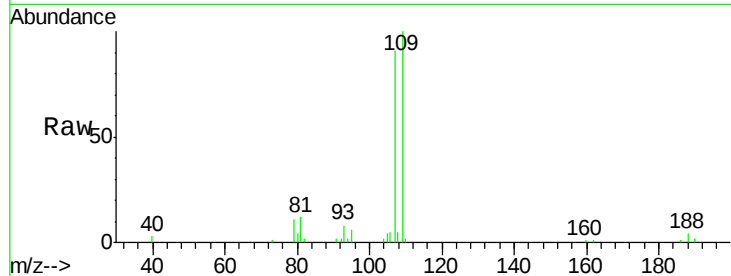
#61
 1,2-Dibromoethane
 Concen: 21.198 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	101.9	75.1	112.7

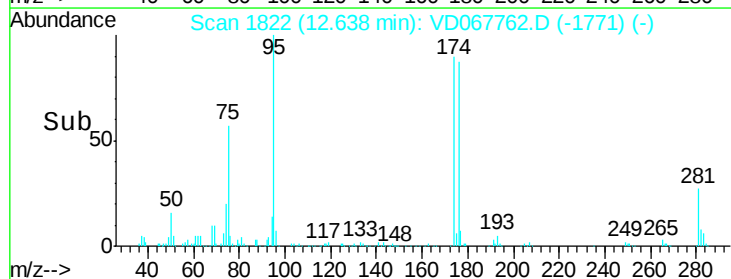
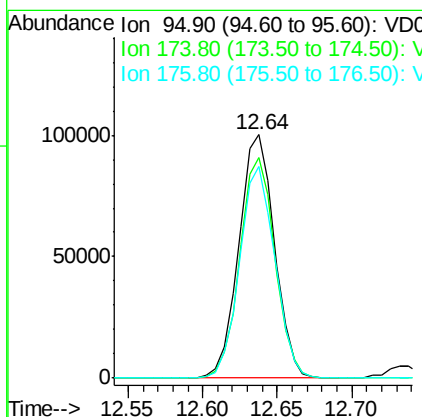
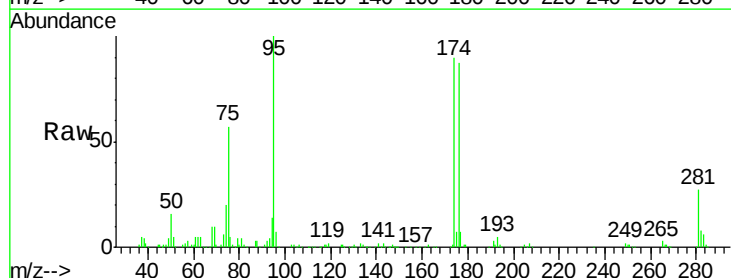
Manual Integrations
 APPROVED

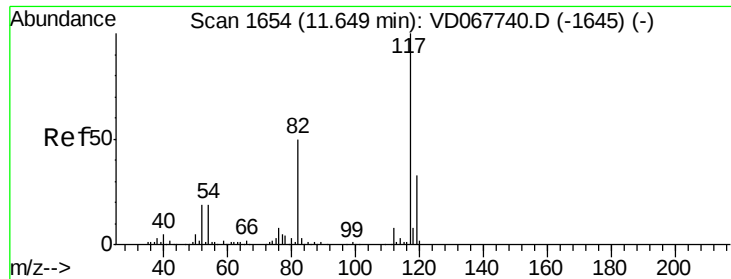
MMDadoda
 11/25/2020 2:01:56 PM



#62
 4-Bromofluorobenzene
 Concen: 53.581 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	182.4
176	86.3	0.0	178.2





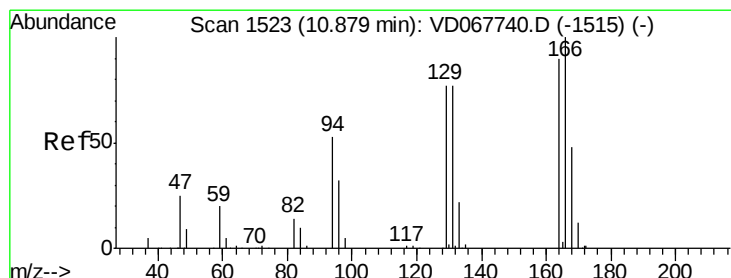
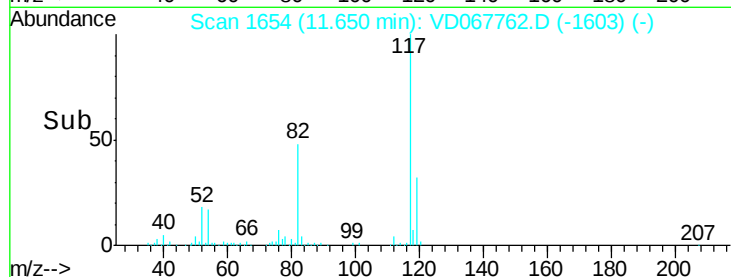
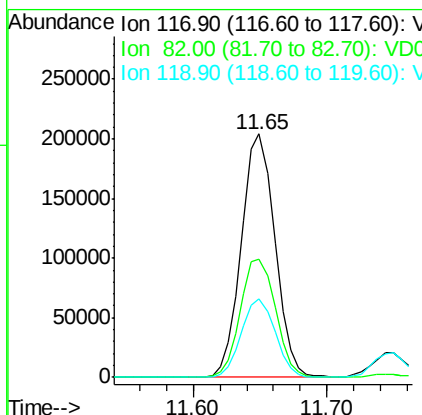
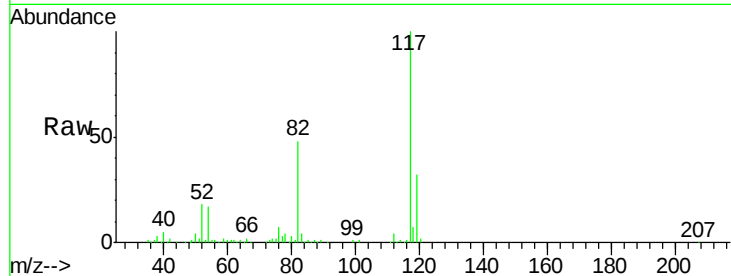
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	356546		
82	48.4		40.2	60.4
119	32.2		26.5	39.7

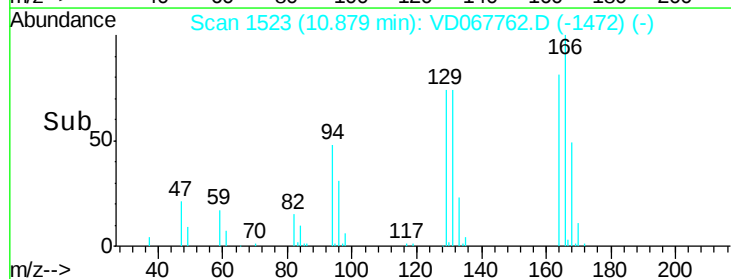
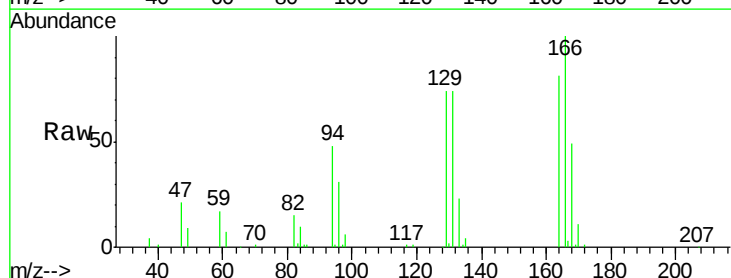
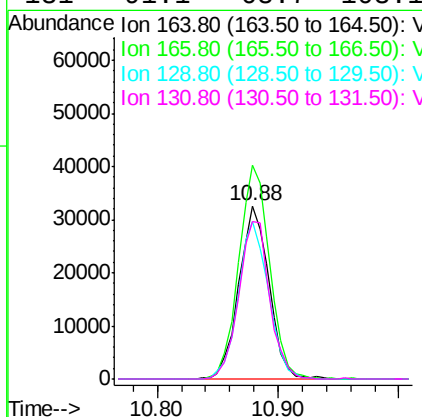
Manual Integrations
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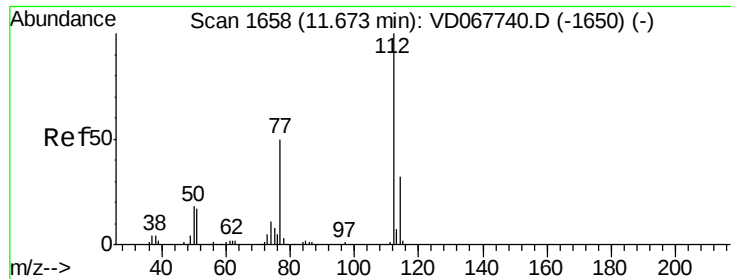
MMDadoda
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#64
Tetrachloroethene
Concen: 20.414 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56492		
166	123.5		89.2	133.8
129	91.1		68.4	102.6
131	91.1		68.7	103.1





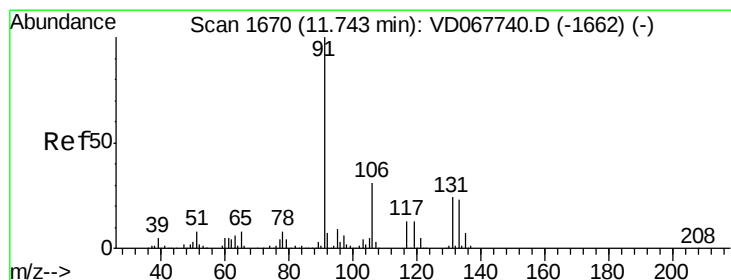
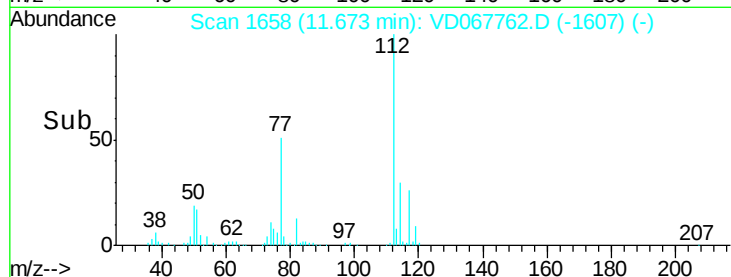
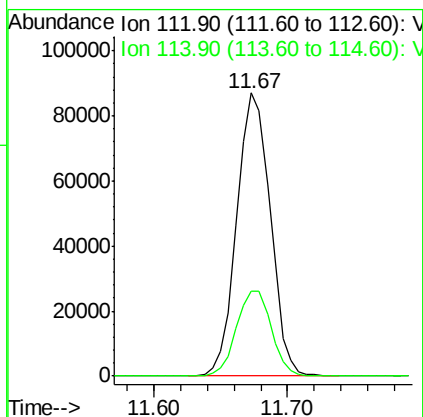
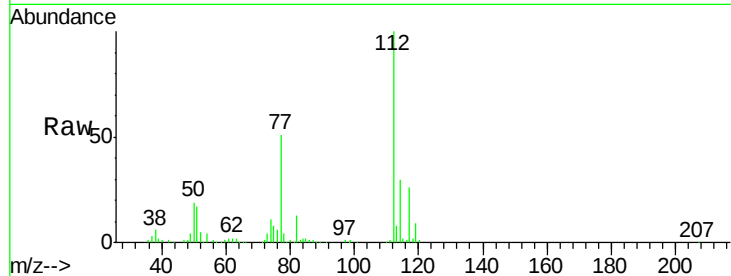
#65
Chlorobenzene
Concen: 21.677 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion:112 Resp: 151908
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.8

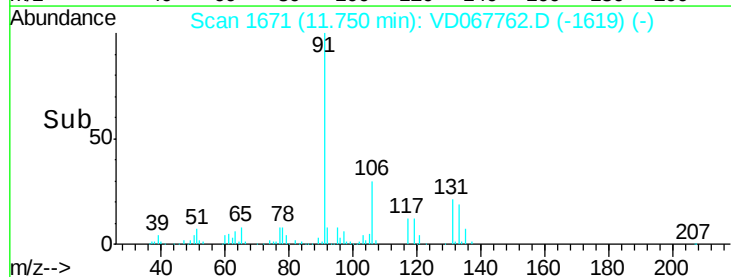
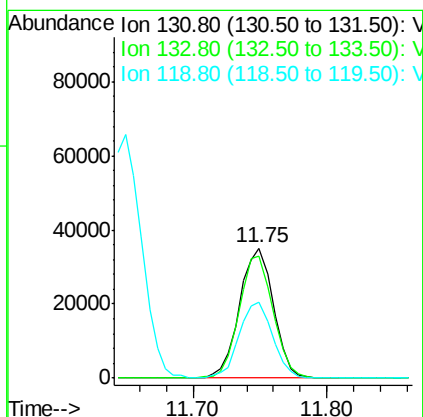
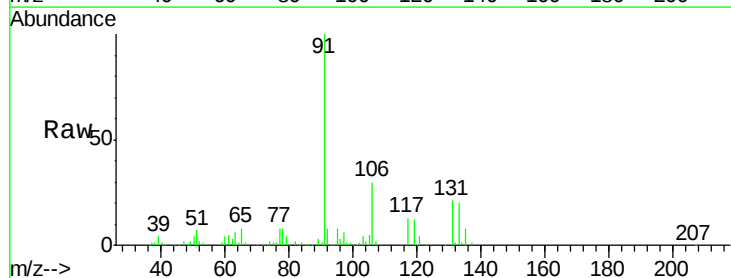
Manual Integrations
APPROVED

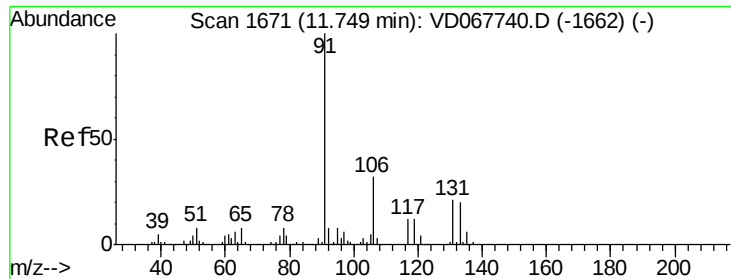
MMDadoda
11/25/2020 2:01:56 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.796 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:131 Resp: 61783
Ion Ratio Lower Upper
131 100
133 93.5 49.0 147.0
119 57.8 28.8 86.5





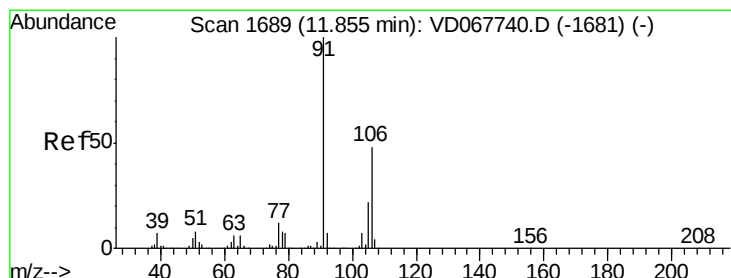
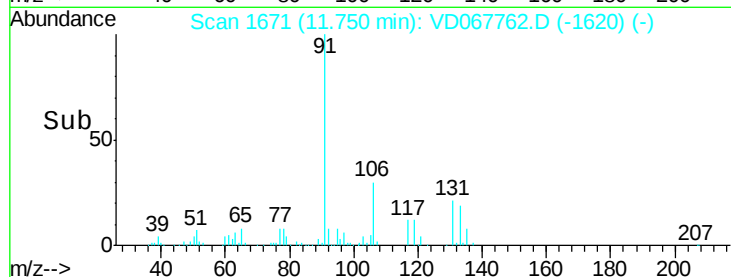
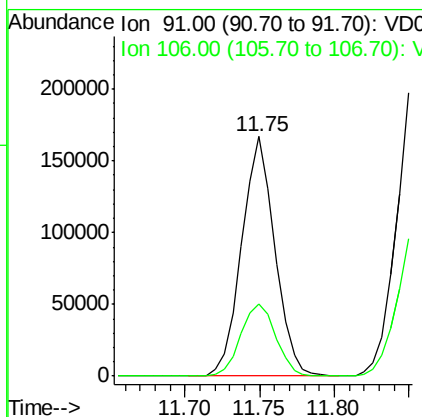
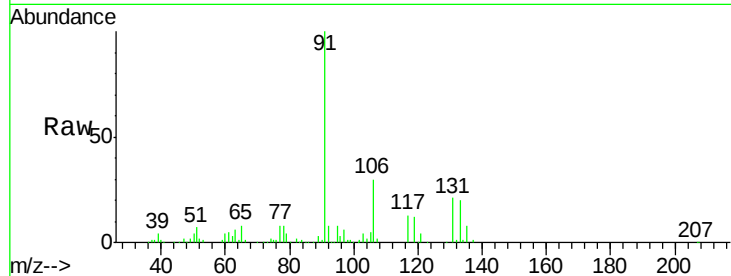
#67
Ethyl Benzene
Concen: 21.258 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 91 Resp: 257175
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

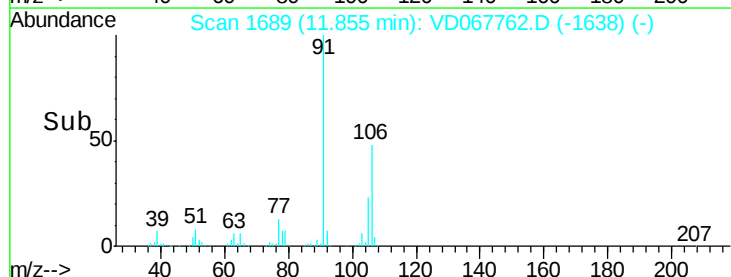
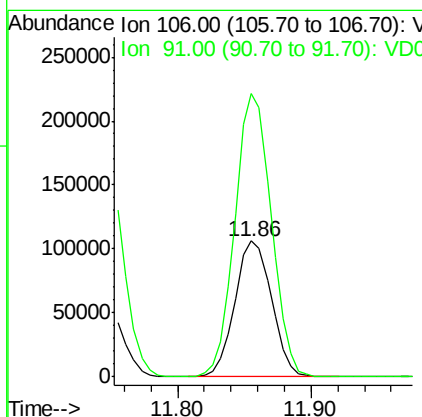
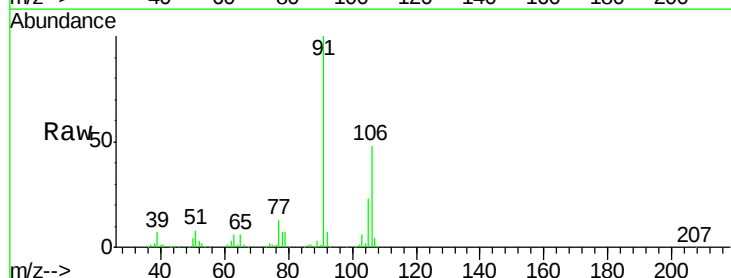
Manual Integrations
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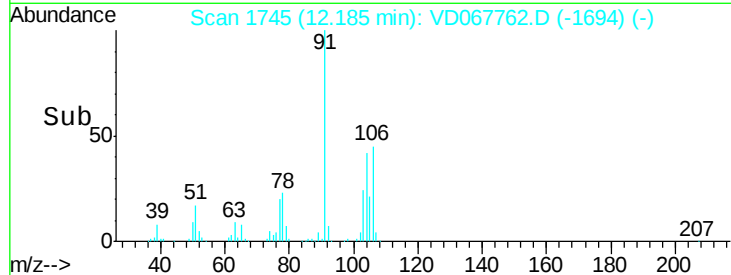
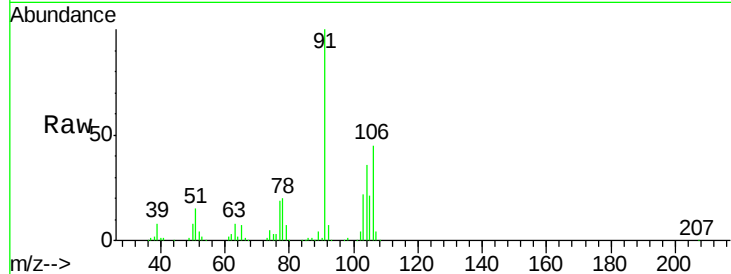
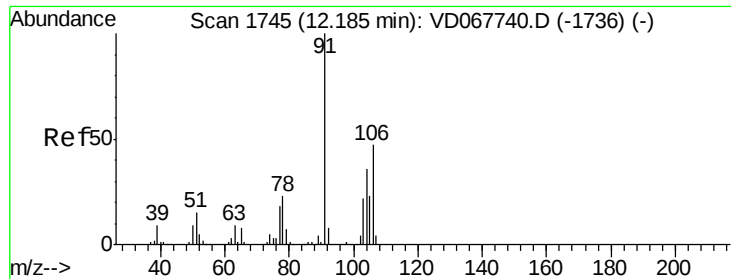
MMDadoda
11/25/2020 2:01:56 PM



#68
m/p-Xylenes
Concen: 43.015 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 106 Resp: 202507
Ion Ratio Lower Upper
106 100
91 207.0 163.0 244.6





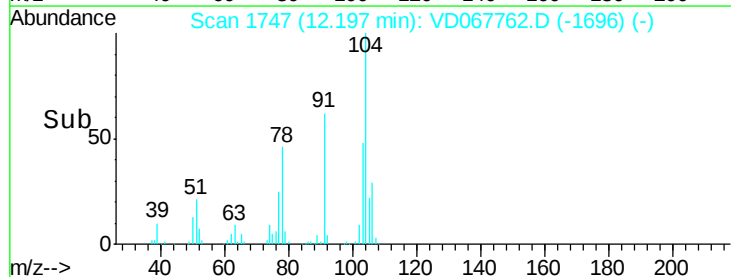
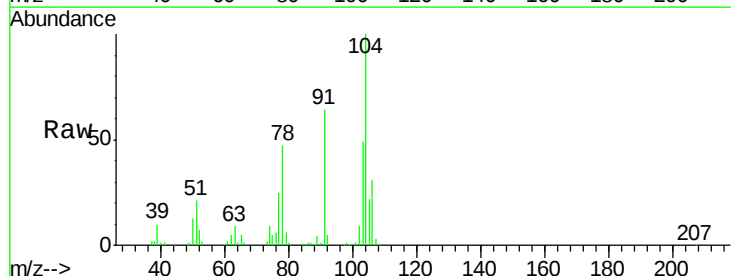
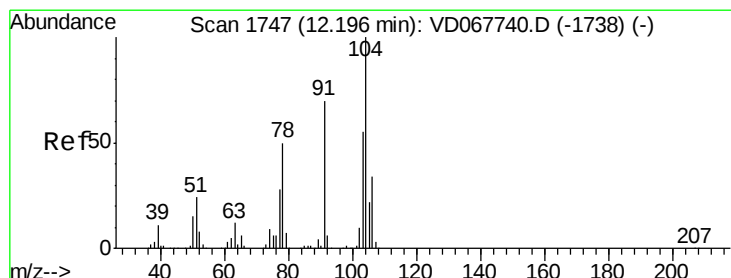
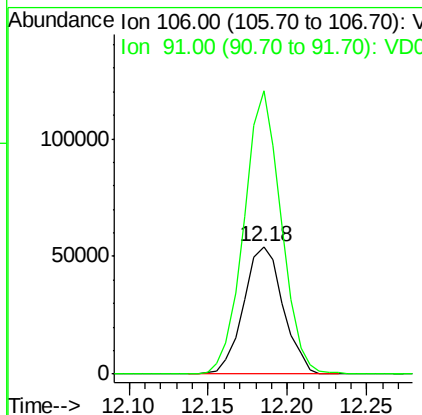
#69
o-Xylene
Concen: 21.920 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tot Ion:106 Resp: 93958
Ion Ratio Lower Upper
106 100
91 209.1 106.2 318.6

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

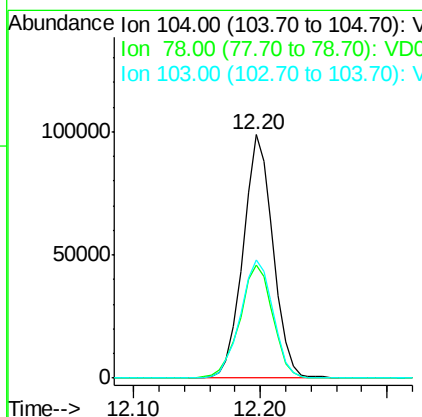
Manual Integrations
APPROVED

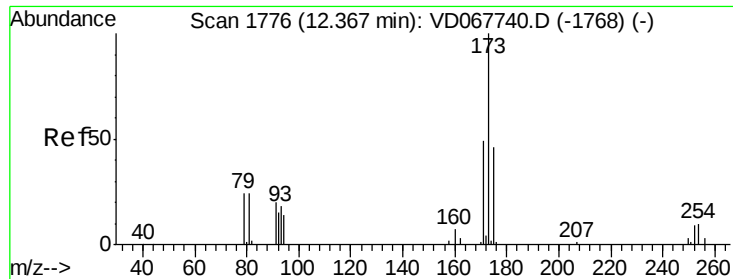
MMDadoda
11/25/2020 2:01:56 PM



#70
Styrene
Concen: 22.041 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:104 Resp: 160920
Ion Ratio Lower Upper
104 100
78 51.6 41.9 62.9
103 53.2 44.1 66.1





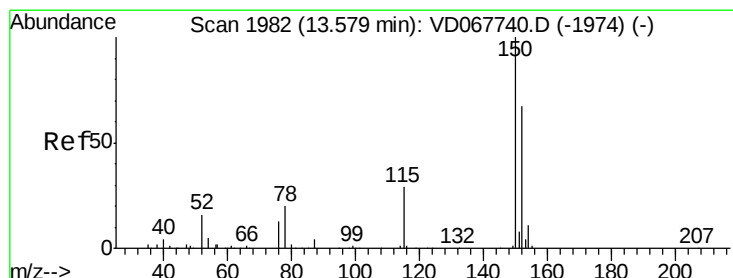
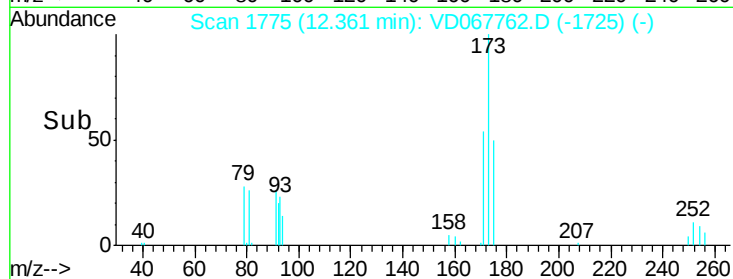
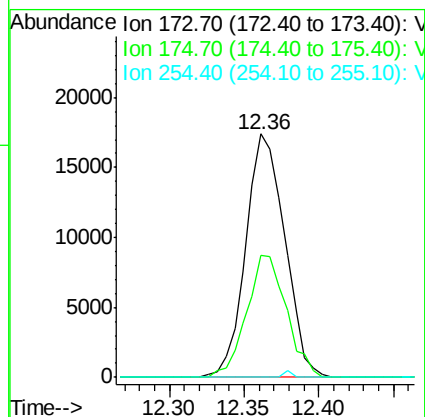
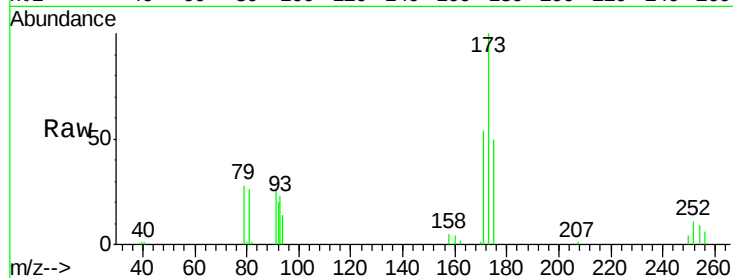
#71
Bromoform
Concen: 20.420 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.1	23.9	71.7
254	0.6	0.0	0.0#

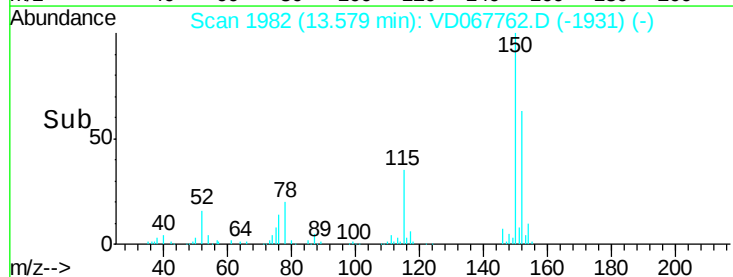
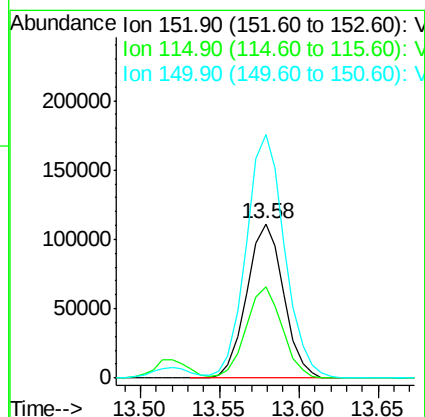
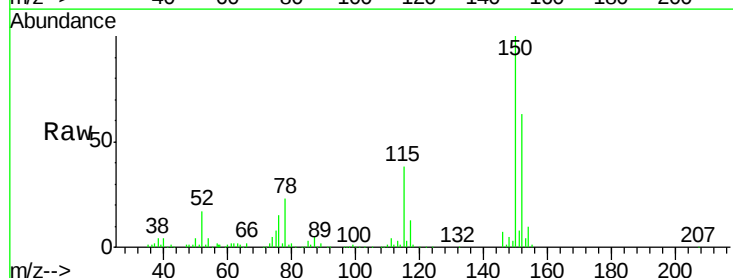
Manual Integrations
APPROVED

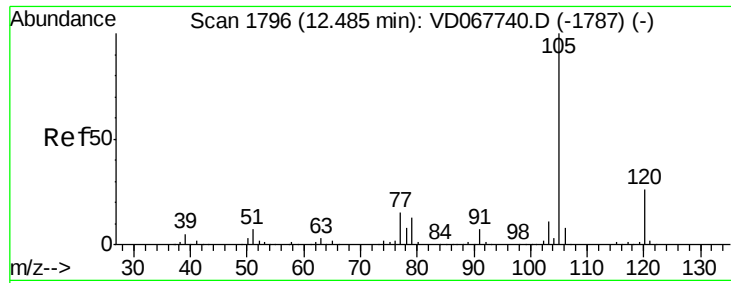
MMDadoda
11/25/2020 2:01:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.4	88.3
150	164.9	0.0	340.6





#73

Isopropylbenzene

Concen: 21.282 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 105 Resp: 251490

Ion Ratio Lower Upper

105 100

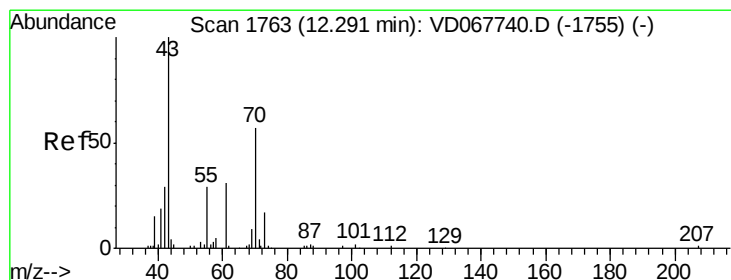
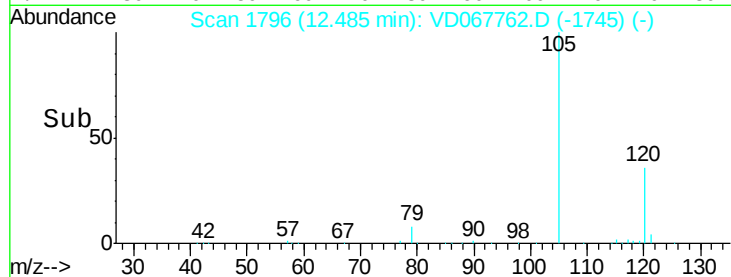
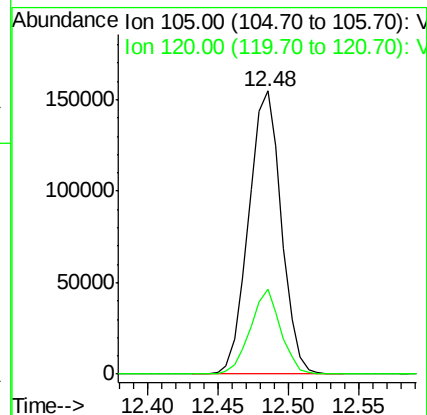
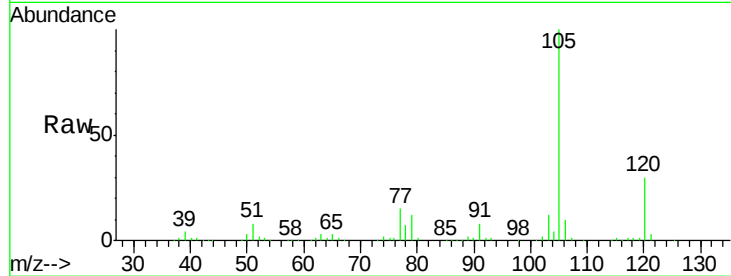
120 27.8 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.141 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion: 43 Resp: 32946

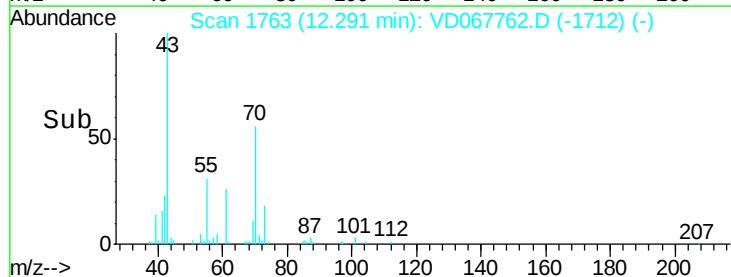
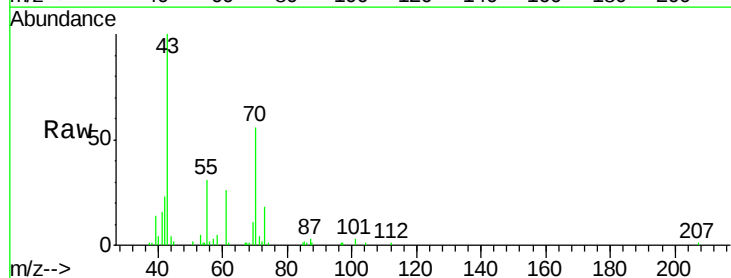
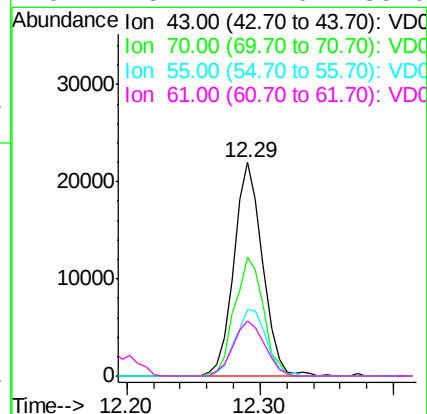
Ion Ratio Lower Upper

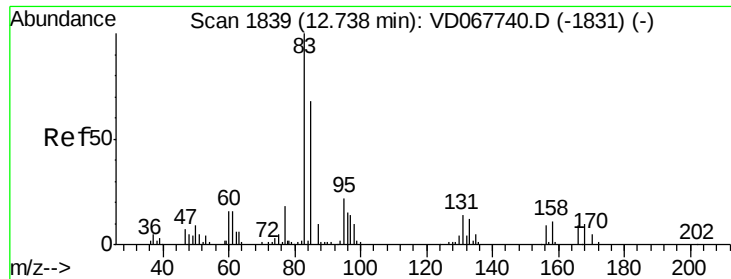
43 100

70 56.2 44.6 66.8

55 33.5 24.2 36.2

61 28.1 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.226 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

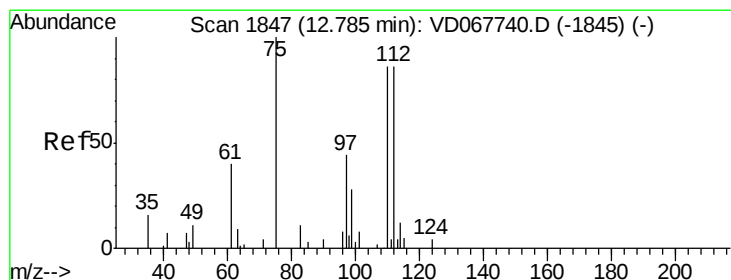
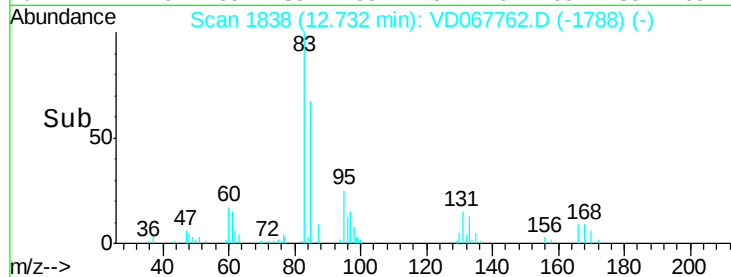
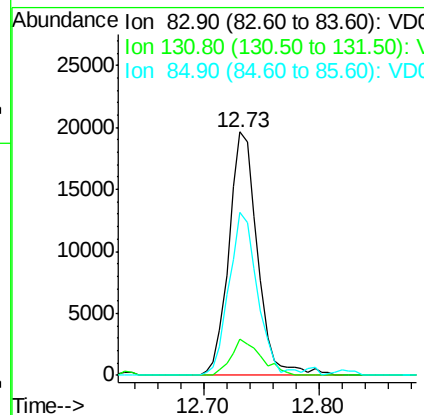
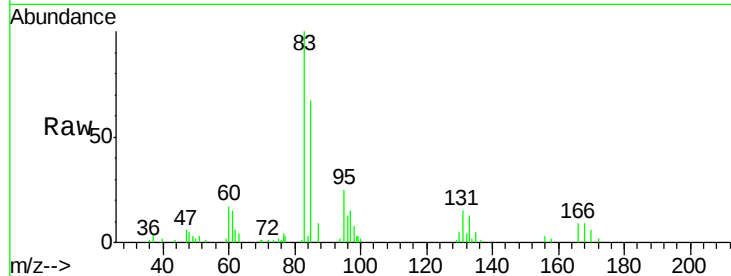
ClientSampleId :

VD1124SBS01

Tot Ion	83	Resp	33663
Ion	Ratio	Lower	Upper
83	100		
131	15.5	8.1	24.1
85	66.6	33.9	101.7

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#76

1,2,3-Trichloropropane

Concen: 21.439 ug/l m

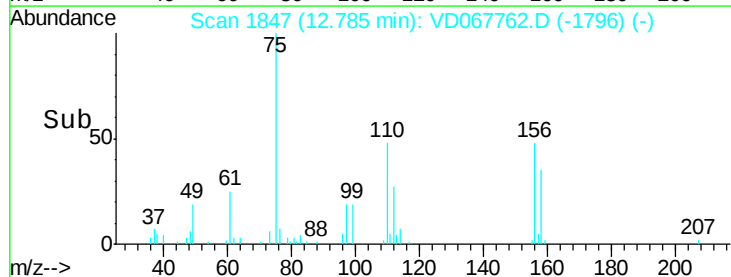
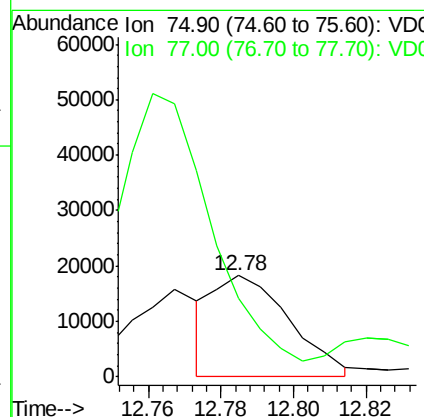
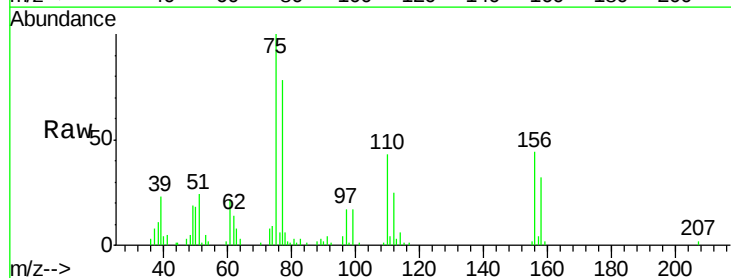
RT: 12.78 min Scan# 1847

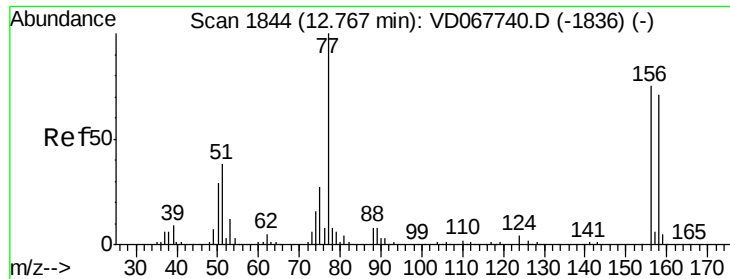
Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion	75	Resp	26836
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.571 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

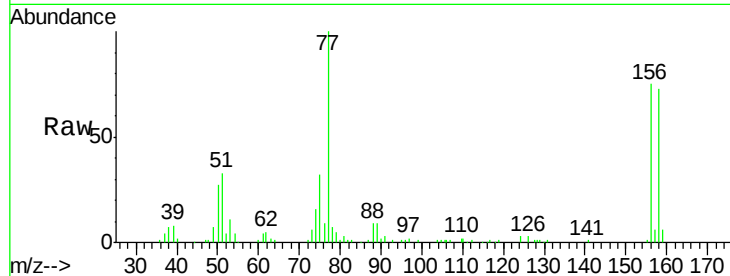
ClientSampleId :

VD1124SBS01

Tot Ion:	156	Resp:	63809
Ion	Ratio	Lower	Upper
156	100		
77	150.7	73.5	220.3
158	96.1	48.1	144.4

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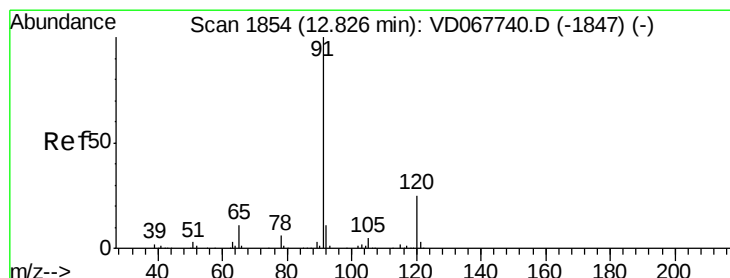
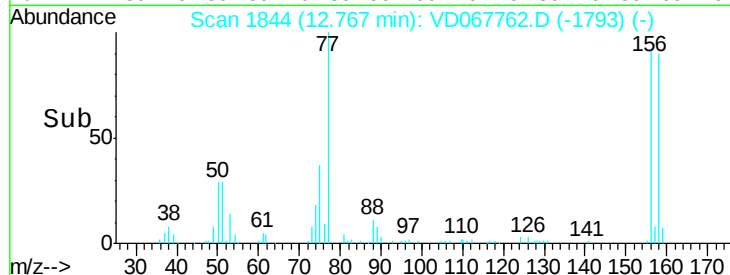
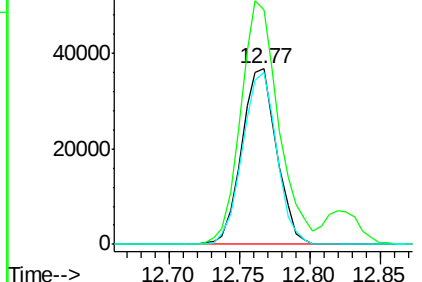
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.870 ug/l

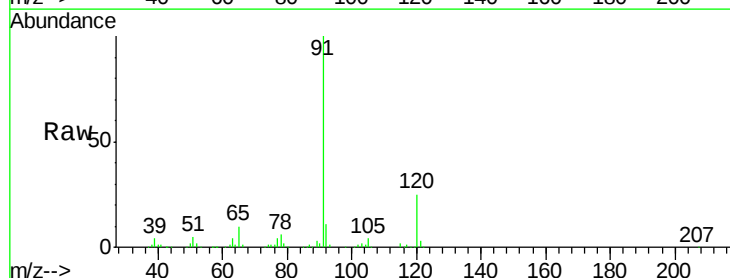
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067762.D

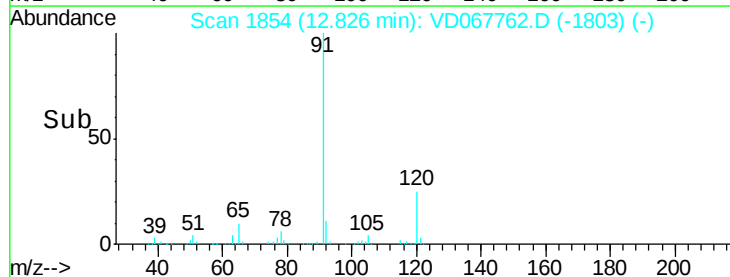
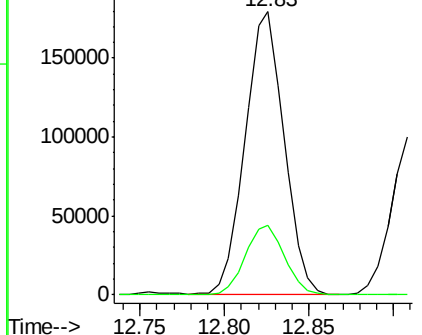
Acq: 24 Nov 2020 12:03

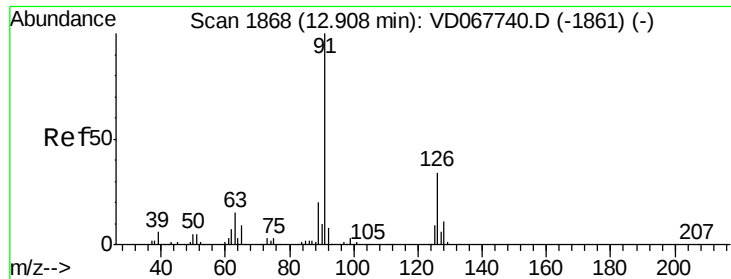
Tgt Ion:	91	Resp:	287520
Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





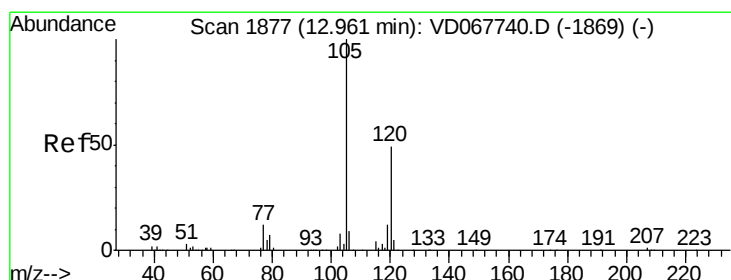
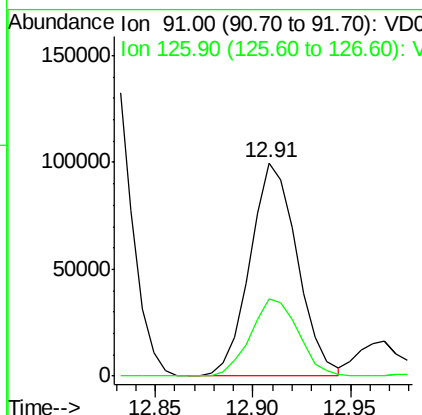
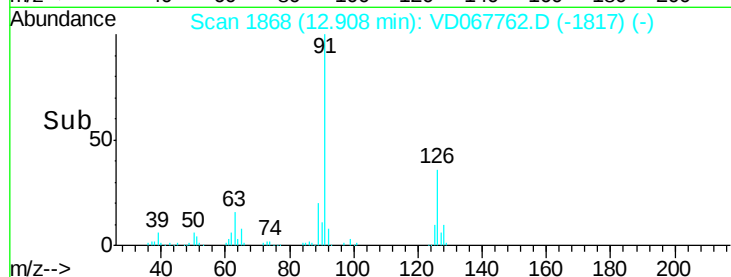
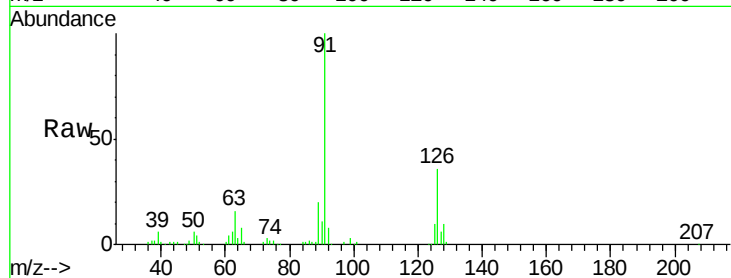
#79
2-Chlorotoluene
Concen: 21.431 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion: 91 Resp: 166813
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.7

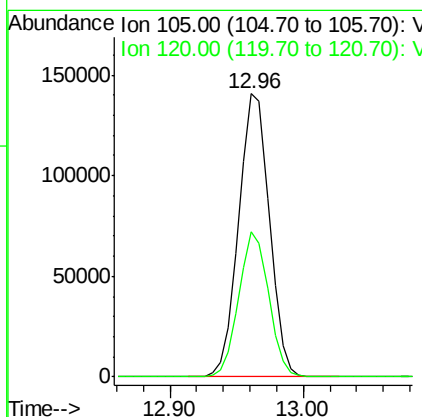
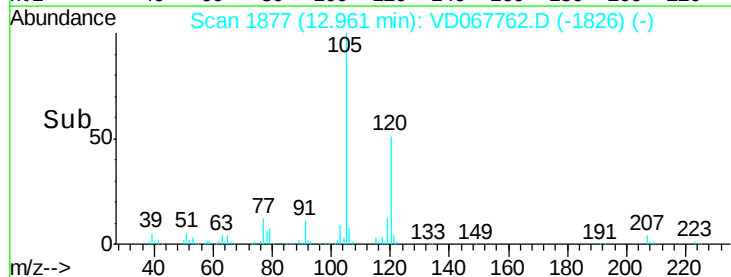
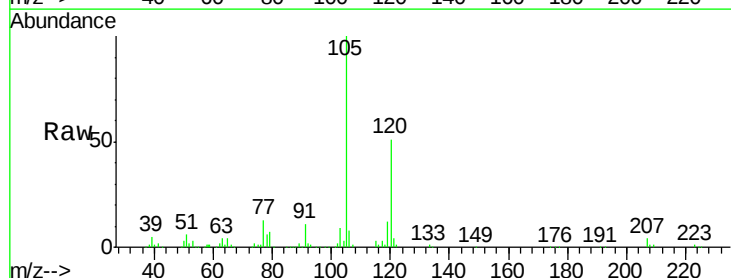
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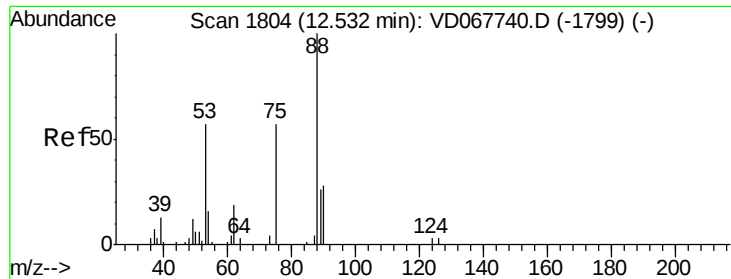
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#80
1,3,5-Trimethylbenzene
Concen: 21.815 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 105 Resp: 224221
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7





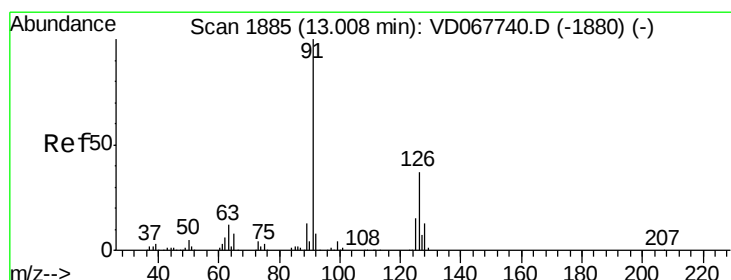
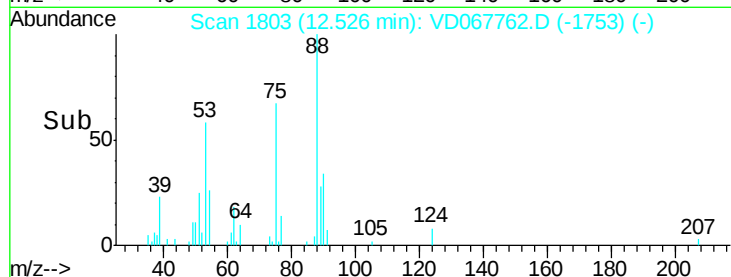
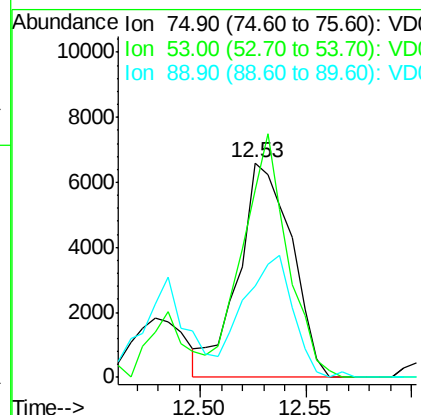
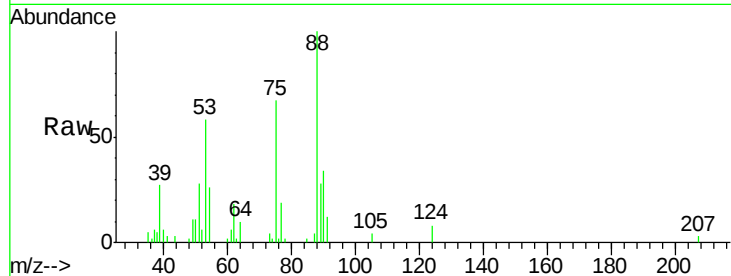
#81
trans-1,4-Dichloro-2-butene
Concen: 21.593 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.2	76.0	114.0
89	52.5	40.2	60.4

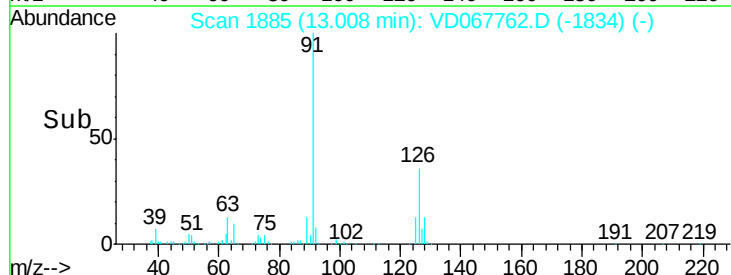
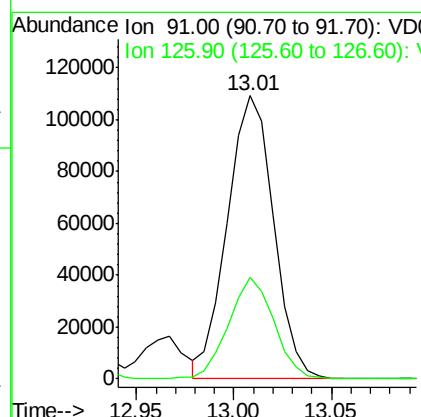
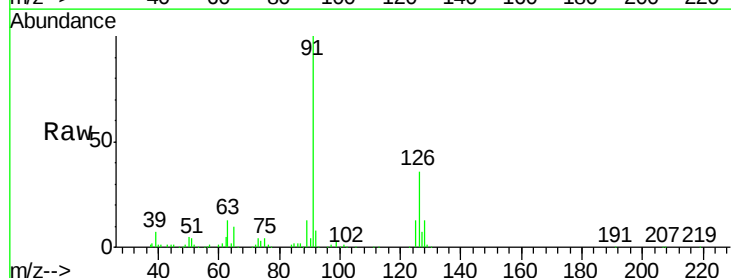
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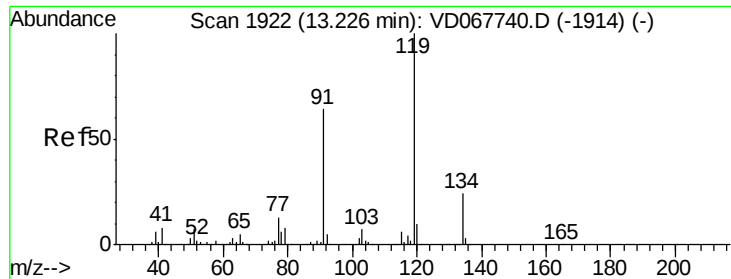
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#82
4-Chlorotoluene
Concen: 21.665 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.7	53.1





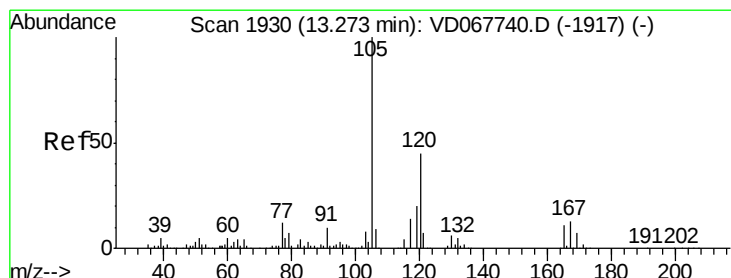
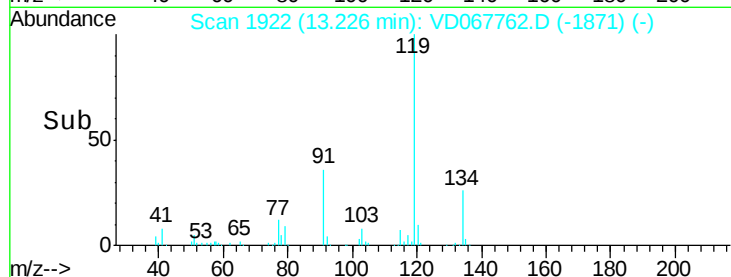
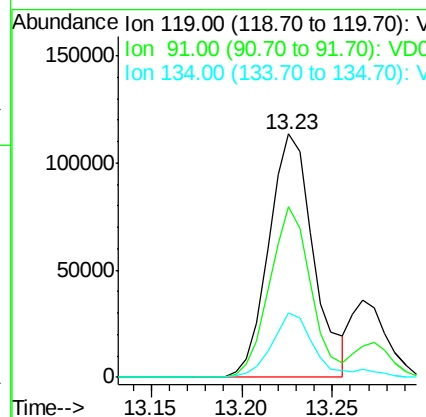
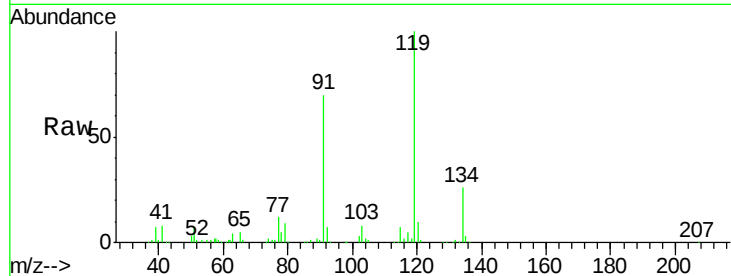
#83
tert-Butylbenzene
Concen: 22.077 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194987		
91	64.9	32.9	98.7	
134	24.5	12.9	38.6	

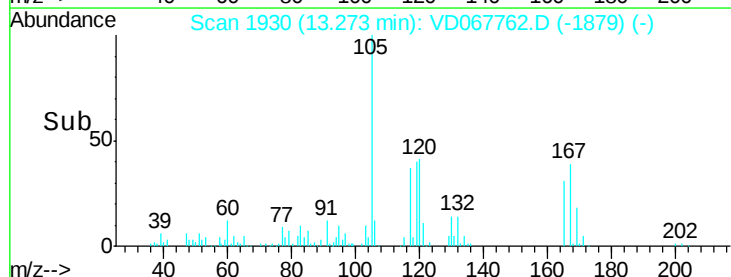
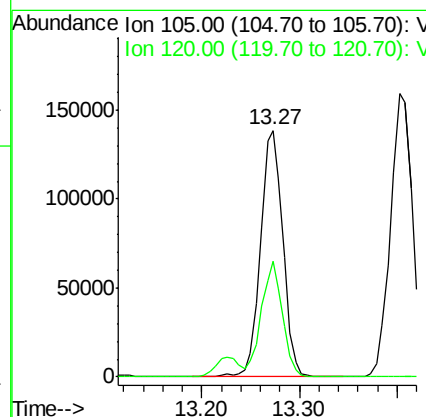
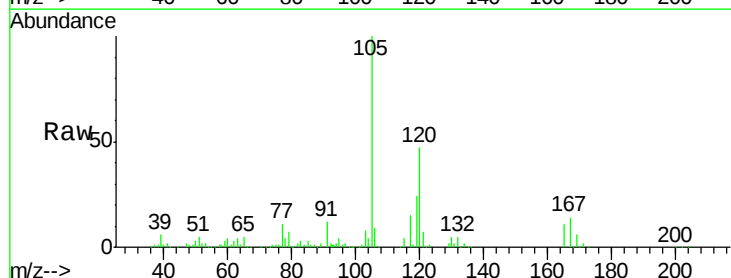
Manual Integrations
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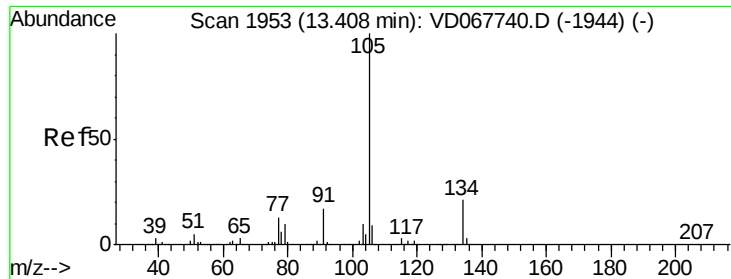
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#84
1,2,4-Trimethylbenzene
Concen: 21.867 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224519		
120	44.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.605 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion:105 Resp: 250678

Ion Ratio Lower Upper

105 100

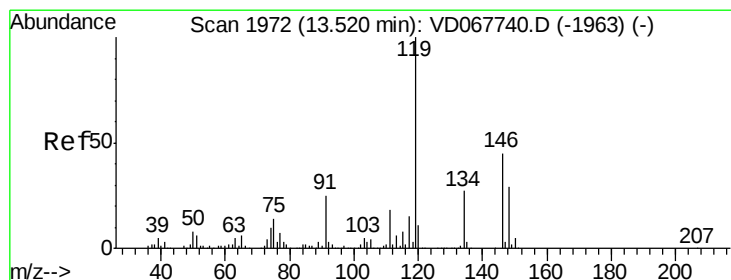
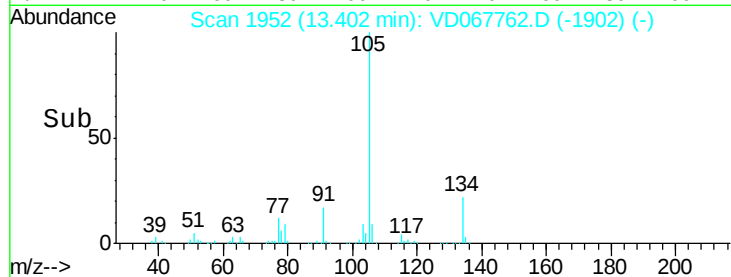
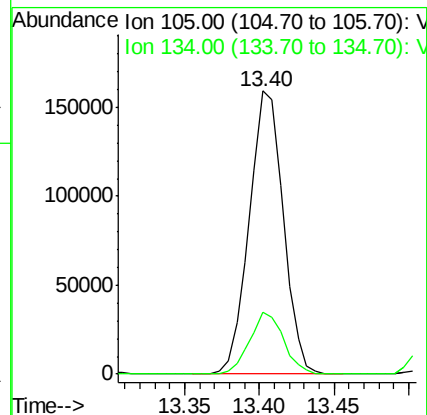
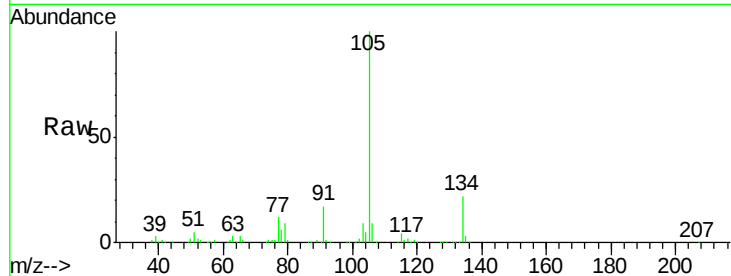
134 21.8 10.7 32.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.885 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

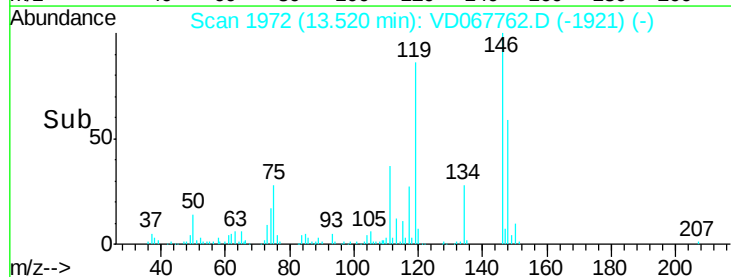
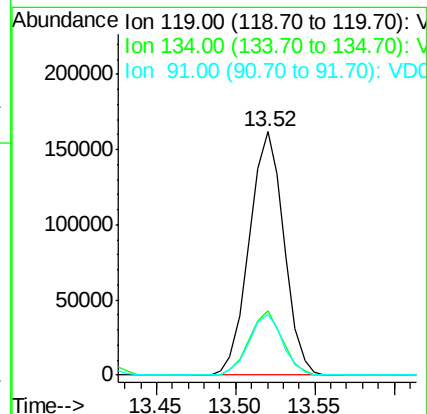
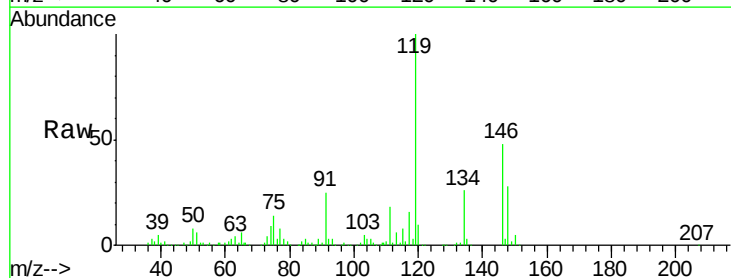
Tgt Ion:119 Resp: 245945

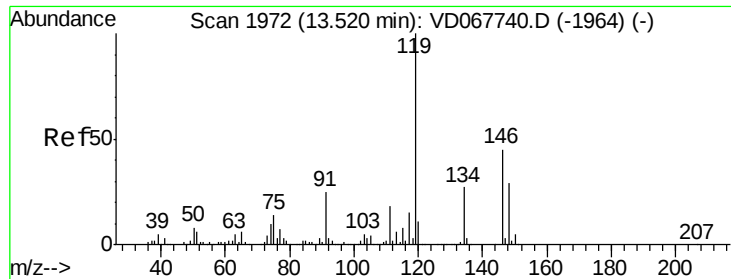
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 24.5 12.7 38.1





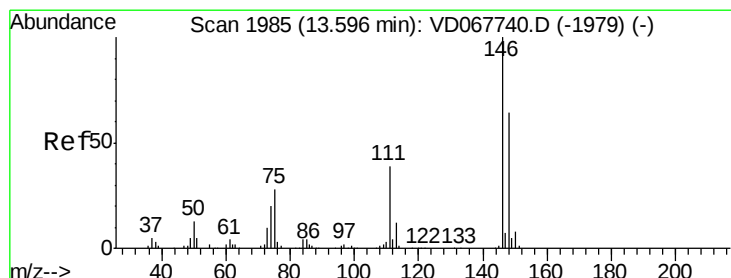
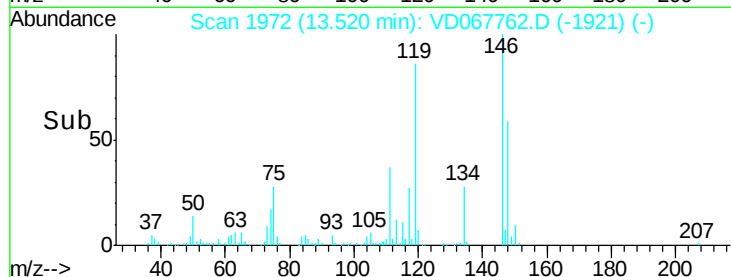
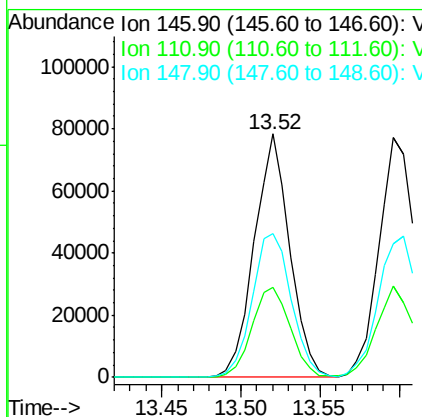
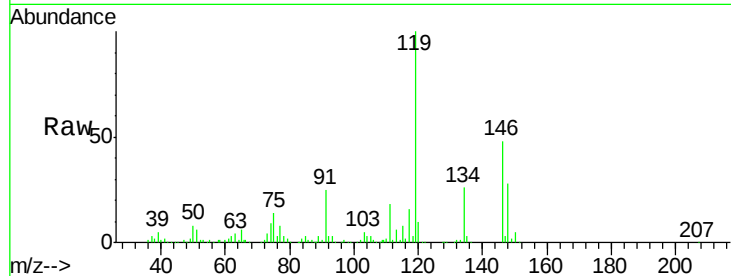
#87
 1,3-Dichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	65.0	32.5	97.4

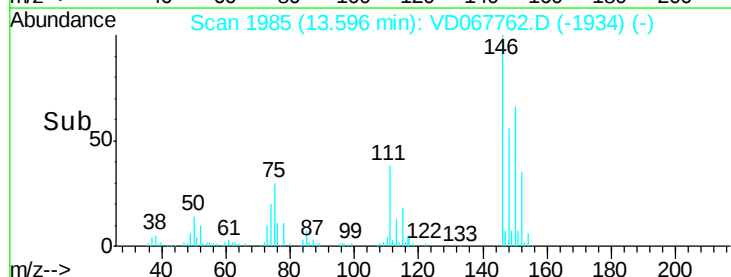
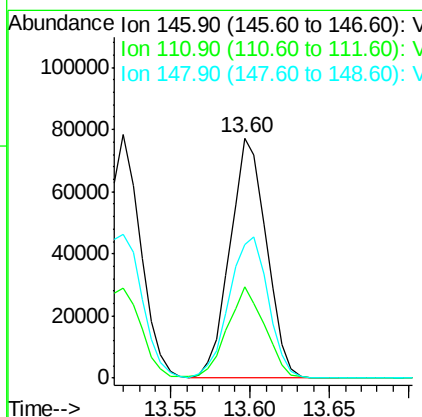
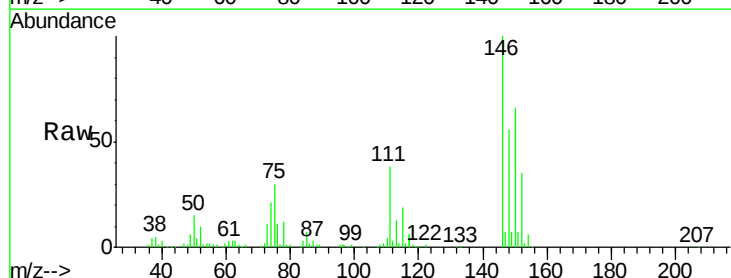
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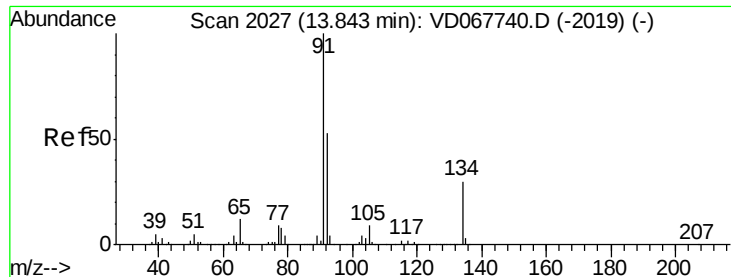
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#88
 1,4-Dichlorobenzene
 Concen: 21.762 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	63.1	31.6	94.8





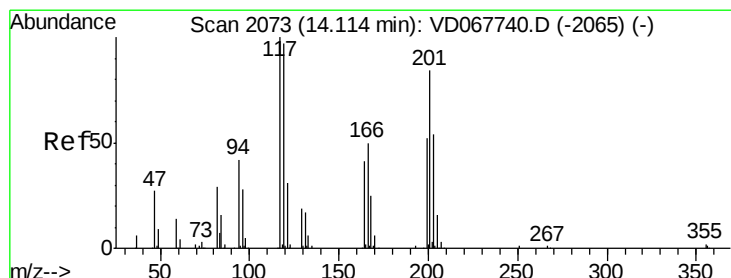
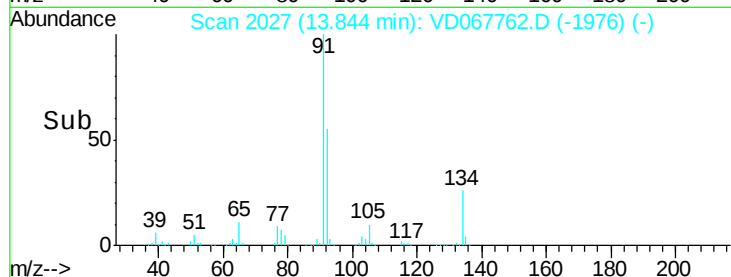
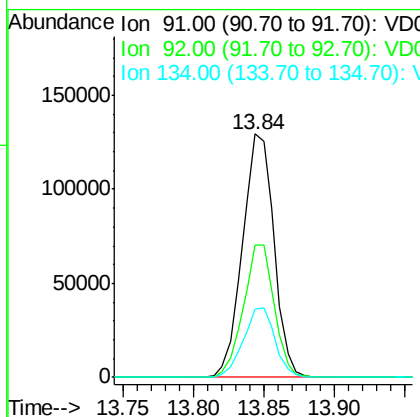
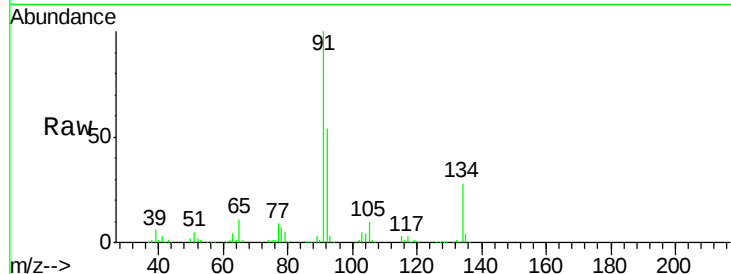
#89
n-Butylbenzene
Concen: 20.963 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	28.6	14.8	44.3

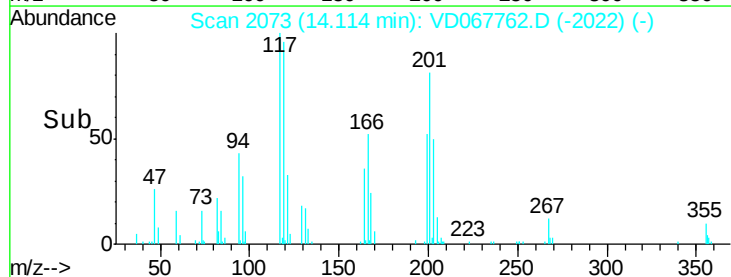
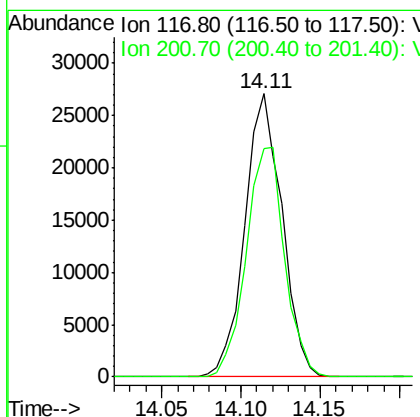
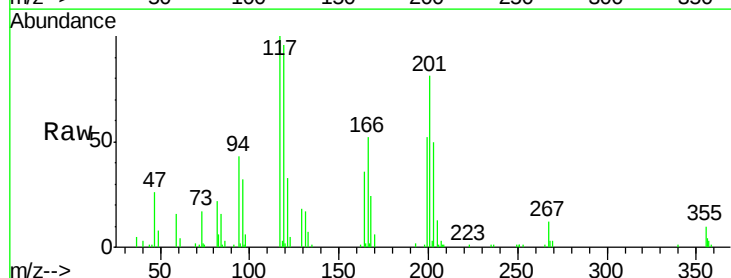
Manual Integrations
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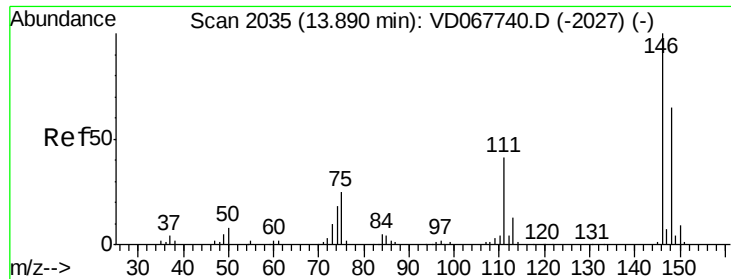
MMDadoda
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#90
Hexachloroethane
Concen: 20.669 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	42.2	126.6





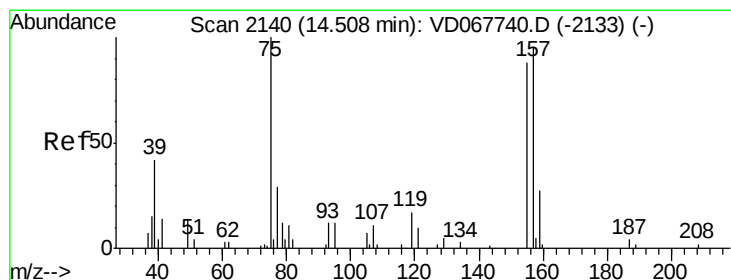
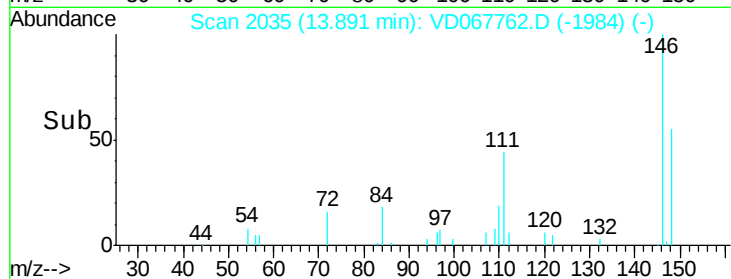
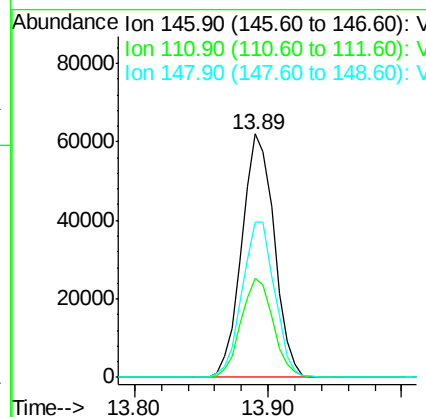
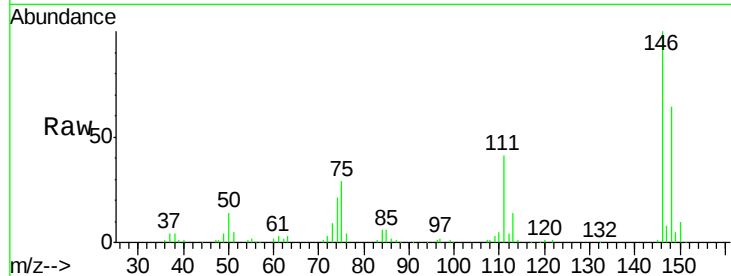
#91
 1,2-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.8	62.5
148	64.1	32.4	97.2

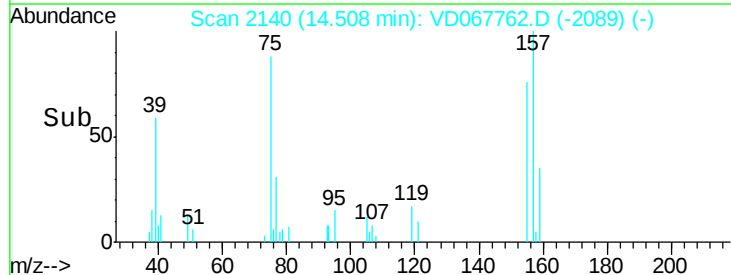
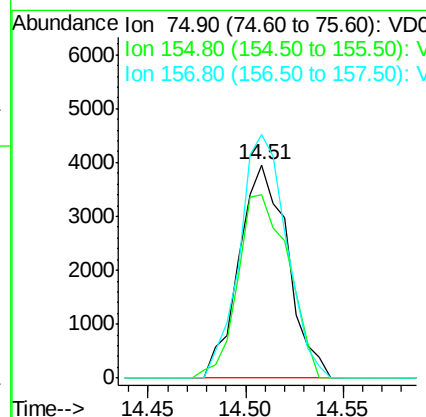
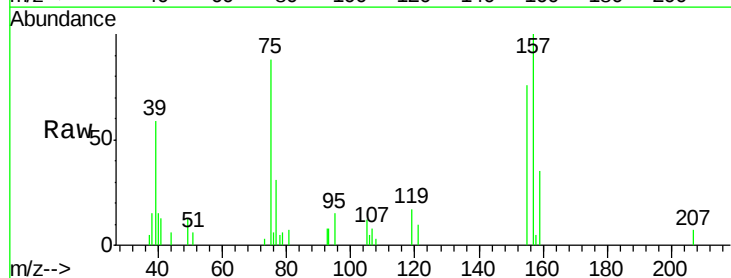
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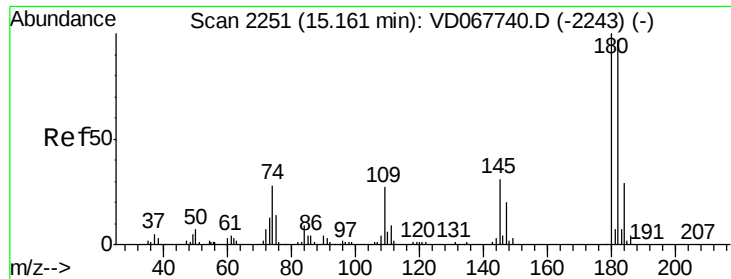
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.923 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	41.0	123.0
157	110.8	51.1	153.4





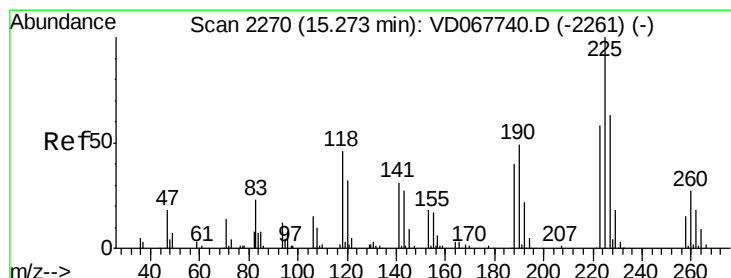
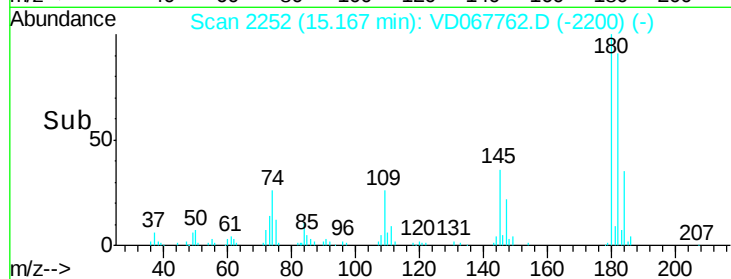
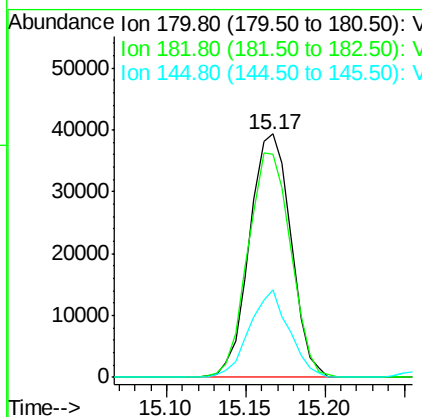
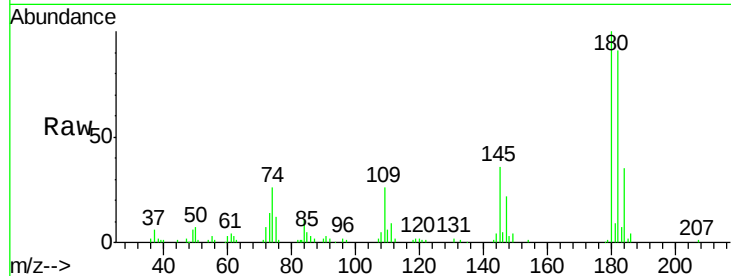
#93
1,2,4-Trichlorobenzene
Concen: 20.463 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	34.4	16.1	48.3

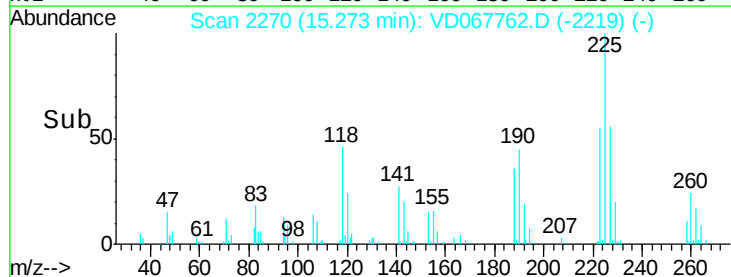
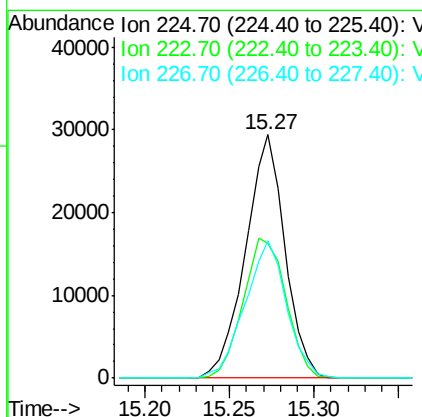
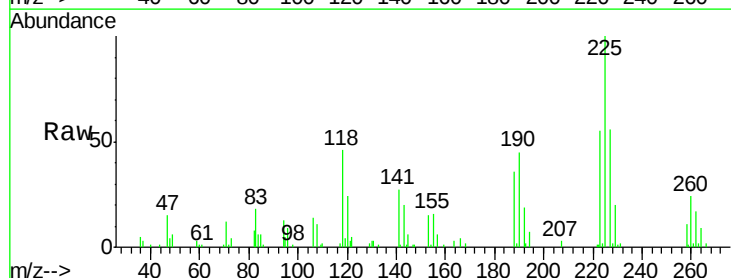
Manual Integrations
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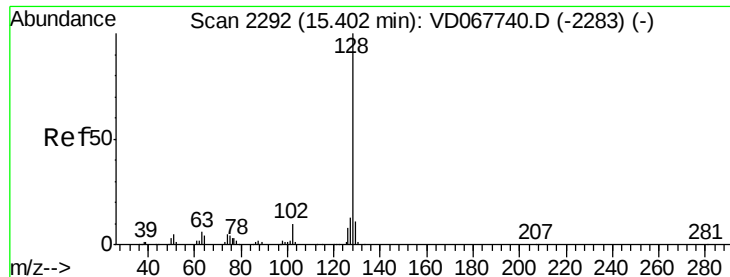
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#94
Hexachlorobutadiene
Concen: 21.444 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.5	94.5
227	59.5	32.9	98.7





#95

Naphthalene

Concen: 20.488 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

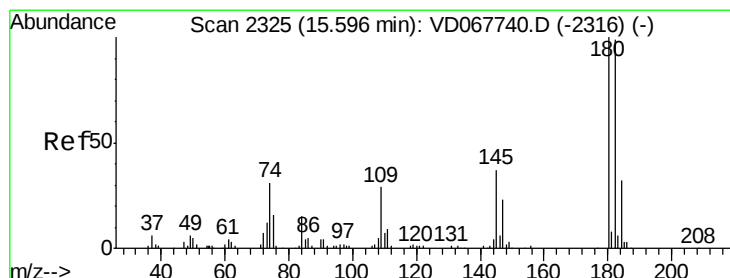
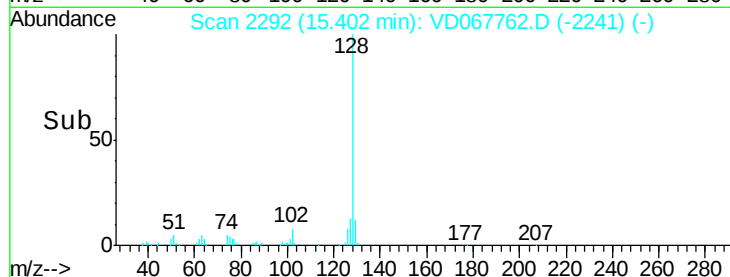
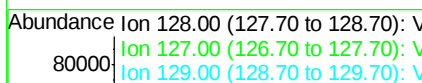
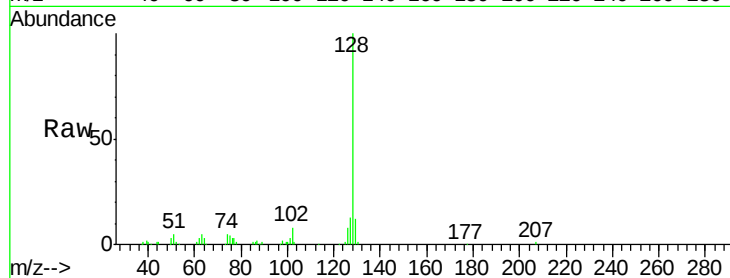
ClientSampleId :

VD1124SBSD01

Tot Ion:	128	Resp:	115783
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.7	16.1
129	11.0	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.680 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion:	180	Resp:	61511
Ion Ratio	Lower	Upper	
180	100		
182	98.2	48.0	144.0
145	33.6	16.8	50.4

