

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067806.D
 Acq On : 30 Nov 2020 11:07
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:39 PM

Quant Time: Nov 30 13:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	333334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	305601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	113515	49.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.54%
35) Dibromofluoromethane	7.92	113	102648	48.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.78%
50) Toluene-d8	10.34	98	383460	49.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.88%
62) 4-Bromofluorobenzene	12.64	95	132395	49.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39792	19.491	ug/l	96
3) Chloromethane	2.21	50	23874	21.005	ug/l	90
4) Vinyl Chloride	2.35	62	27966	19.636	ug/l	96
5) Bromomethane	2.76	94	26015	21.440	ug/l	97
6) Chloroethane	2.92	64	18876	19.886	ug/l #	86
7) Trichlorofluoromethane	3.27	101	91041	20.948	ug/l	96
8) Diethyl Ether	3.71	74	15862	18.077	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42536	20.439	ug/l	98
10) Methyl Iodide	4.30	142	40659	19.087	ug/l	99
11) Tert butyl alcohol	5.20	59	15762	107.676	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	37891	19.676	ug/l	92
13) Acrolein	3.93	56	8256	87.322	ug/l	93
14) Allyl chloride	4.73	41	34744	18.665	ug/l	94
15) Acrylonitrile	5.43	53	28628	93.674	ug/l	97
16) Acetone	4.15	43	27744	94.150	ug/l #	86
17) Carbon Disulfide	4.41	76	107689	19.335	ug/l	96
18) Methyl Acetate	4.71	43	10866	18.329	ug/l	93
19) Methyl tert-butyl Ether	5.49	73	77643	18.866	ug/l	94
20) Methylene Chloride	4.97	84	46044	15.675	ug/l	91
21) trans-1,2-Dichloroethene	5.48	96	45002	20.555	ug/l	93
22) Diisopropyl ether	6.36	45	70624	19.220	ug/l	96
23) Vinyl Acetate	6.31	43	196463	94.784	ug/l #	91
24) 1,1-Dichloroethane	6.27	63	62344	20.012	ug/l	98
25) 2-Butanone	7.21	43	29682	89.763	ug/l	99
26) 2,2-Dichloropropane	7.21	77	75765	20.615	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	46264	19.825	ug/l	100
28) Bromochloromethane	7.54	49	19010	19.050	ug/l	99
29) Tetrahydrofuran	7.56	42	17606	93.645	ug/l	94
30) Chloroform	7.71	83	82378	20.221	ug/l	98
31) Cyclohexane	7.98	56	51686	18.727	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	87828	20.357	ug/l	96
36) 1,1-Dichloropropene	8.11	75	58388	20.413	ug/l	99
37) Ethyl Acetate	7.30	43	13700	17.812	ug/l #	92
38) Carbon Tetrachloride	8.10	117	87197	21.030	ug/l	90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70075	20.701	ug/l #	93
40) Benzene	8.36	78	156489	19.920	ug/l	94
41) Methacrylonitrile	7.54	41	9577	24.385	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	56513	21.201	ug/l	99
43) Isopropyl Acetate	8.45	43	27419	17.851	ug/l #	91
44) Trichloroethene	9.11	130	54570	20.959	ug/l	94
45) 1,2-Dichloropropane	9.38	63	31420	19.492	ug/l	90
46) Dibromomethane	9.48	93	21463	19.557	ug/l	94
47) Bromodichloromethane	9.67	83	64121	20.982	ug/l	98
48) Methyl methacrylate	9.46	41	15713	20.462	ug/l	87
49) 1,4-Dioxane	9.47	88	4471	375.928	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	65107	90.081	ug/l	99
52) Toluene	10.41	92	111556	20.932	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	52874	19.804	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	60502	20.023	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	28456	19.325	ug/l	98
56) Ethyl methacrylate	10.66	69	27935	18.324	ug/l	96
57) 1,3-Dichloropropane	10.95	76	47468	20.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	62222	87.351	ug/l	99
59) 2-Hexanone	10.98	43	49182	96.380	ug/l	98
60) Dibromochloromethane	11.14	129	44029	19.622	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29771	20.519	ug/l	96
64) Tetrachloroethene	10.88	164	47945	20.214	ug/l #	84
65) Chlorobenzene	11.67	112	123235	20.517	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	50063	20.605	ug/l	96
67) Ethyl Benzene	11.75	91	216194	20.850	ug/l	97
68) m/p-Xylenes	11.86	106	169796	42.079	ug/l	99
69) o-Xylene	12.18	106	77197	21.012	ug/l	99
70) Styrene	12.20	104	135646	21.676	ug/l	97
71) Bromoform	12.37	173	25569	19.386	ug/l #	94
73) Isopropylbenzene	12.48	105	224335	21.912	ug/l	100
74) N-amyl acetate	12.29	43	24583	18.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	26925	19.596	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	22581m	20.822	ug/l	
77) Bromobenzene	12.77	156	54262	21.173	ug/l	96
78) n-propylbenzene	12.83	91	240185	21.087	ug/l	98
79) 2-Chlorotoluene	12.91	91	139626	20.705	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	197275	22.154	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	9074	19.570	ug/l	94
82) 4-Chlorotoluene	13.01	91	146766	20.425	ug/l	98
83) tert-Butylbenzene	13.23	119	164491	21.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	196070	22.042	ug/l	99
85) sec-Butylbenzene	13.41	105	210478	20.938	ug/l	100
86) p-Isopropyltoluene	13.52	119	205530	21.109	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	105201	21.210	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	104096	21.187	ug/l	98
89) n-Butylbenzene	13.85	91	173616	20.808	ug/l	99
90) Hexachloroethane	14.11	117	36467	19.675	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	90038	21.073	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5602	18.911	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65190	21.548	ug/l	98
94) Hexachlorobutadiene	15.27	225	39446	20.407	ug/l	96
95) Naphthalene	15.40	128	93922	19.183	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	55452	21.518	ug/l	96

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

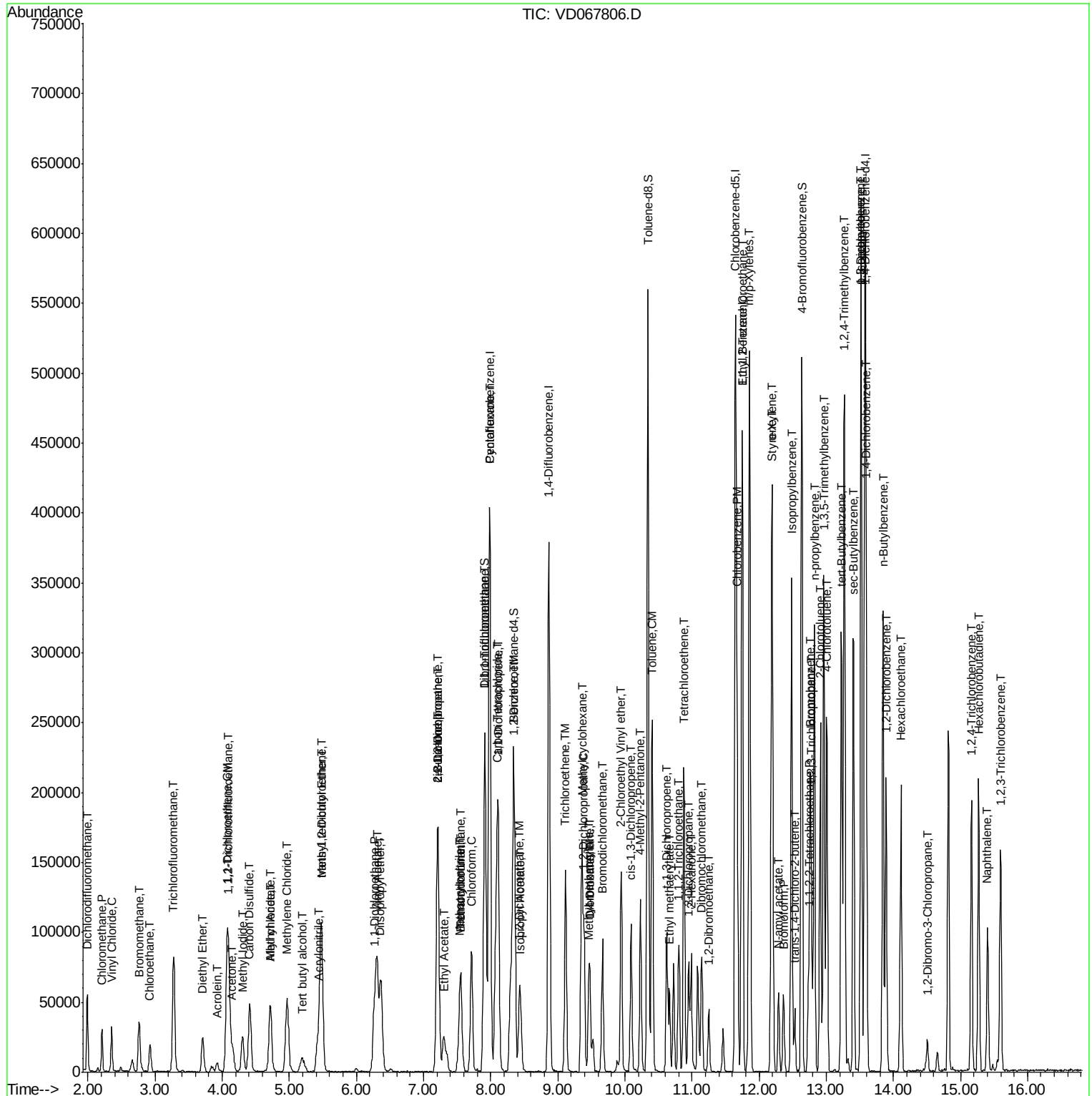
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 Data File : VD067806.D
 Acq On : 30 Nov 2020 11:07
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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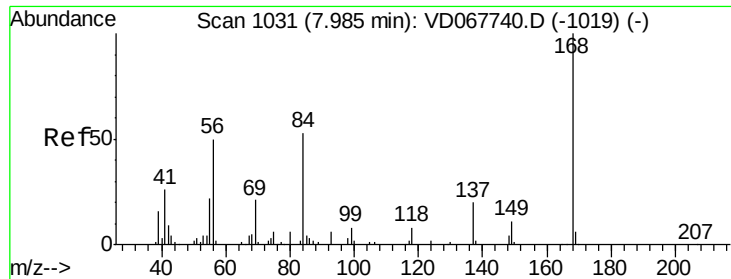
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion:168 Resp: 234597

Ion Ratio Lower Upper

168 100

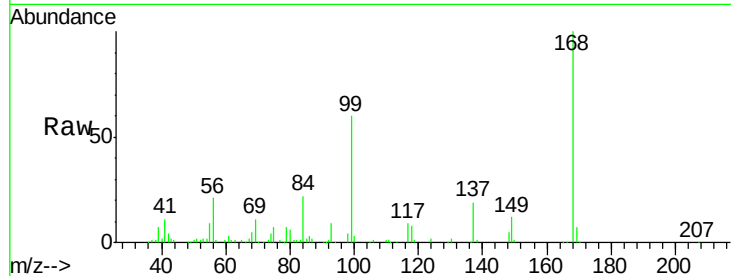
99 60.0 43.8 65.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

120000

100000

80000

60000

40000

20000

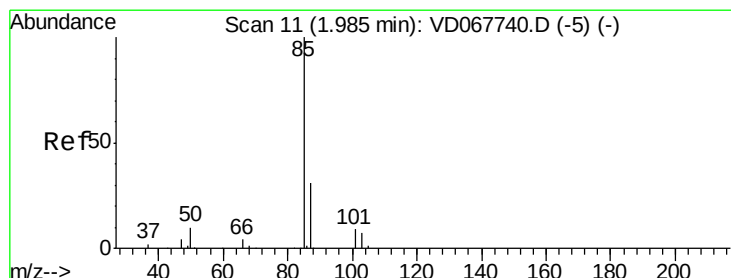
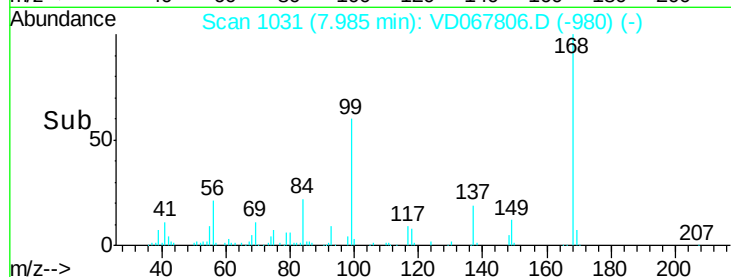
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.491 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067806.D

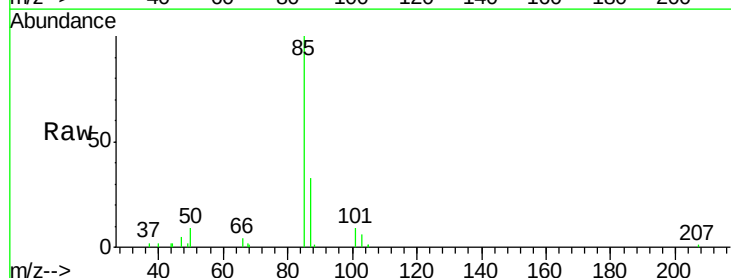
Acq: 30 Nov 2020 11:07

Tgt Ion: 85 Resp: 39792

Ion Ratio Lower Upper

85 100

87 33.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

30000

20000

10000

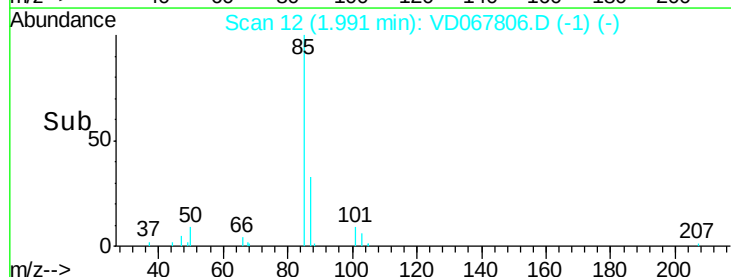
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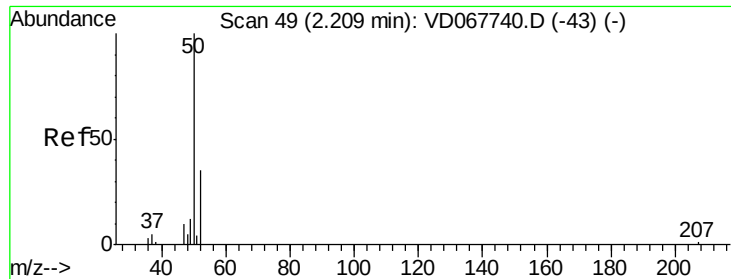
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 21.005 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 50 Resp: 23874

Ion Ratio Lower Upper

50 100

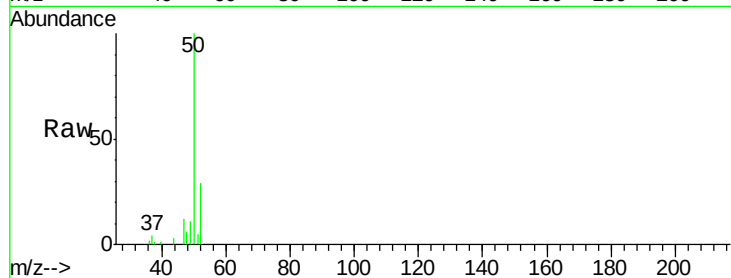
52 28.8 27.8 41.8

Manual Integrations

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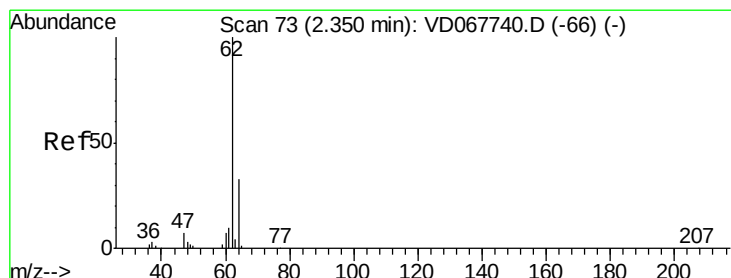
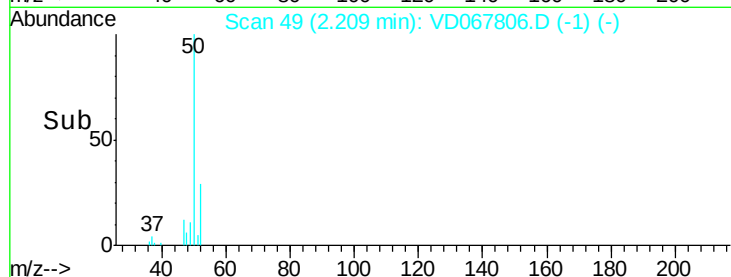
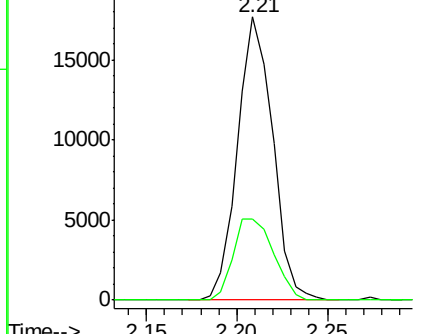
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.636 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067806.D

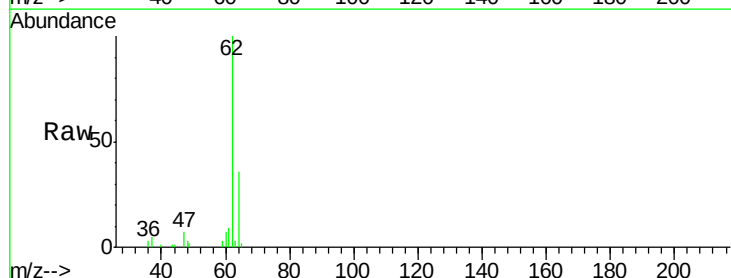
Acq: 30 Nov 2020 11:07

Tgt Ion: 62 Resp: 27966

Ion Ratio Lower Upper

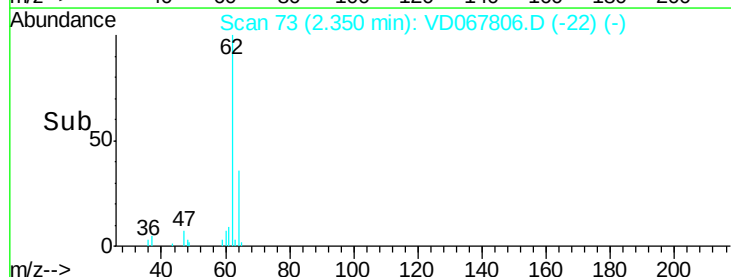
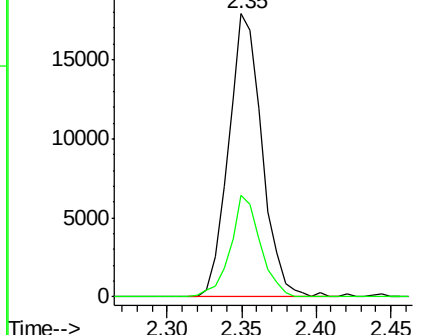
62 100

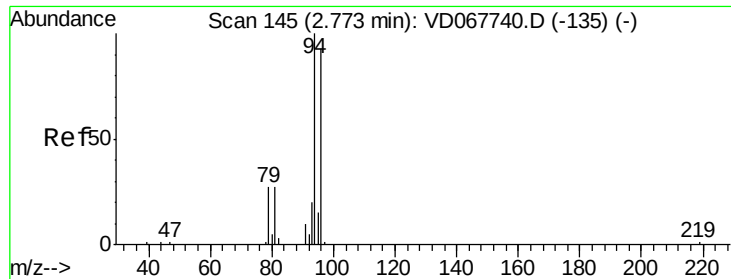
64 35.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.440 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

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VD1130SBS01

Tot Ion: 94 Resp: 26015

Ion Ratio Lower Upper

94 100

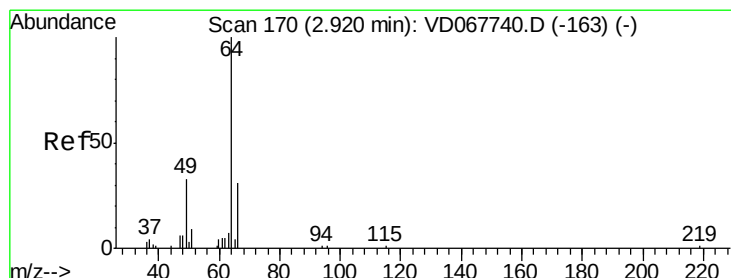
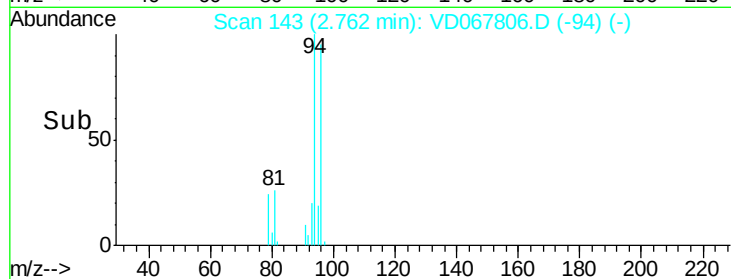
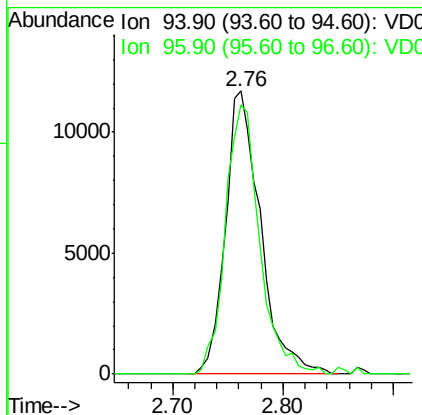
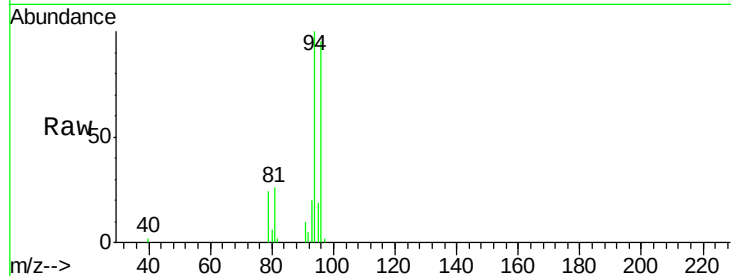
96 95.1 74.0 111.0

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#6

Chloroethane

Concen: 19.886 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067806.D

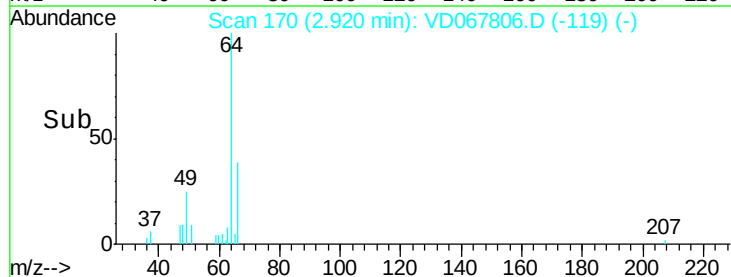
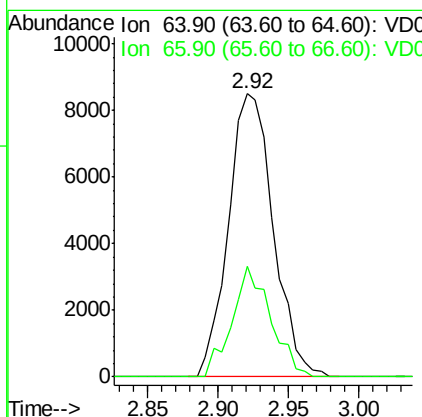
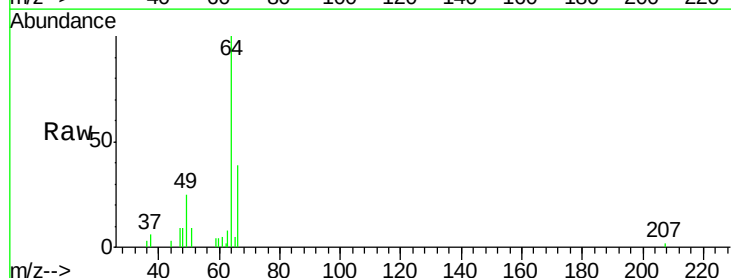
Acq: 30 Nov 2020 11:07

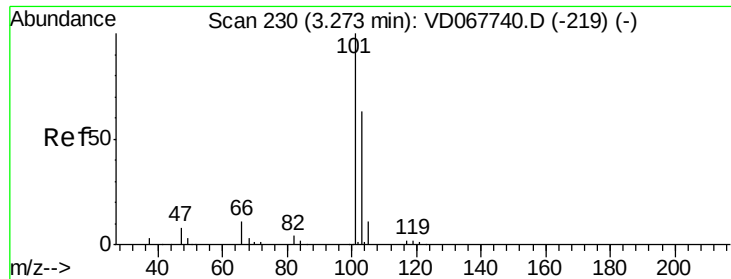
Tgt Ion: 64 Resp: 18876

Ion Ratio Lower Upper

64 100

66 39.0 25.1 37.7#





#7

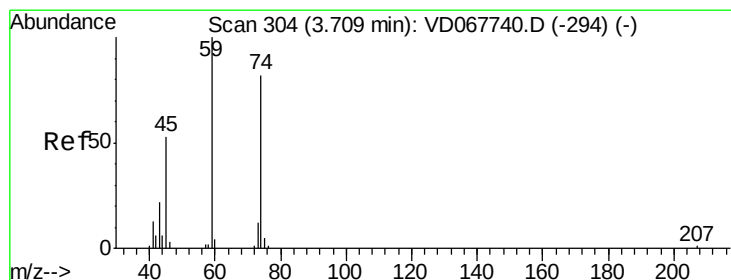
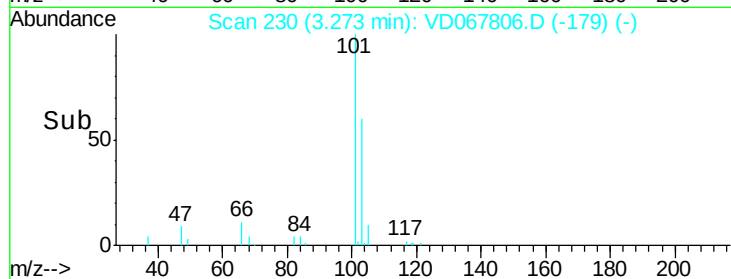
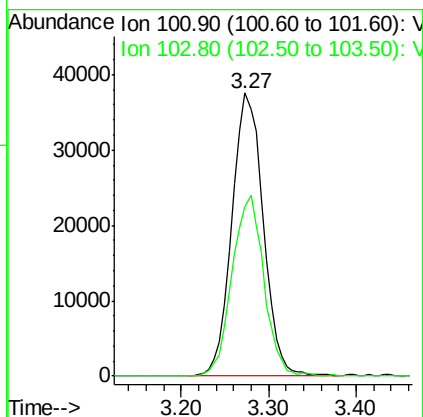
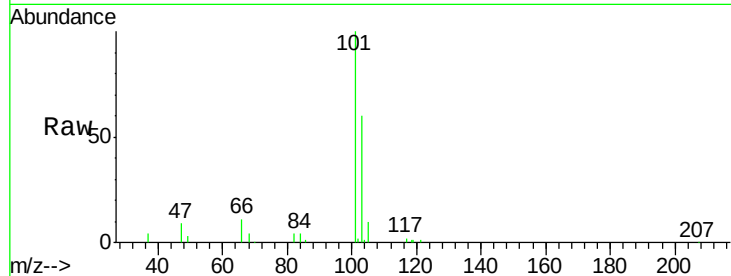
Trichlorofluoromethane
 Concen: 20.948 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		91041		
103	59.9	50.3	75.5		

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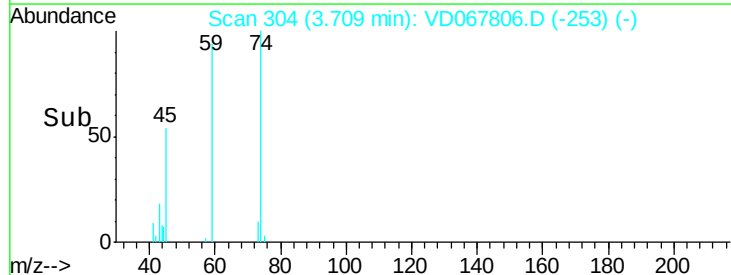
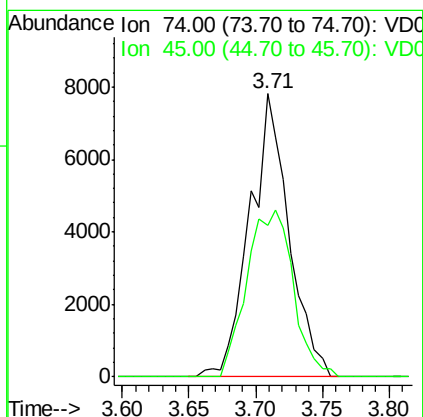
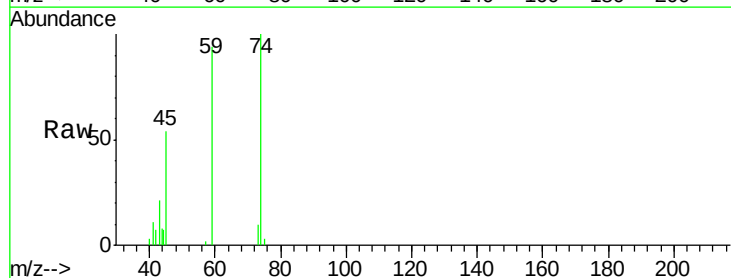
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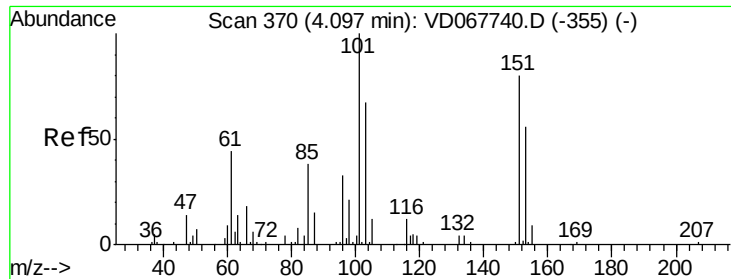


#8

Diethyl Ether
 Concen: 18.077 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067806.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		15862		
45	69.9	35.9	107.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.439 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

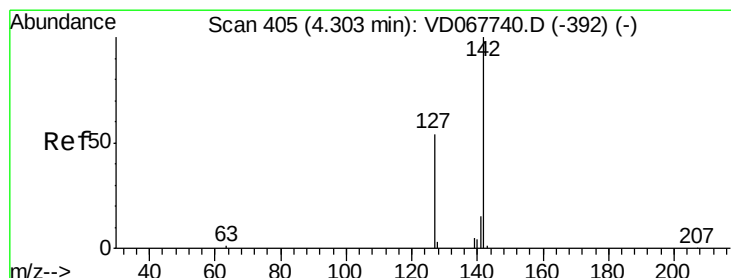
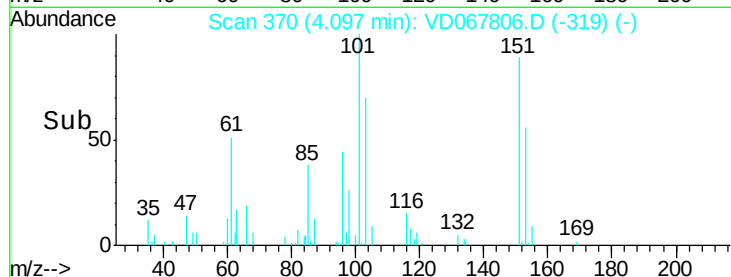
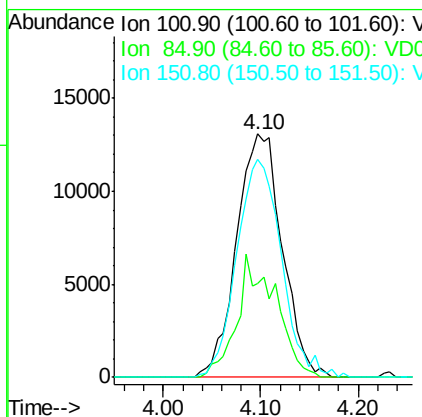
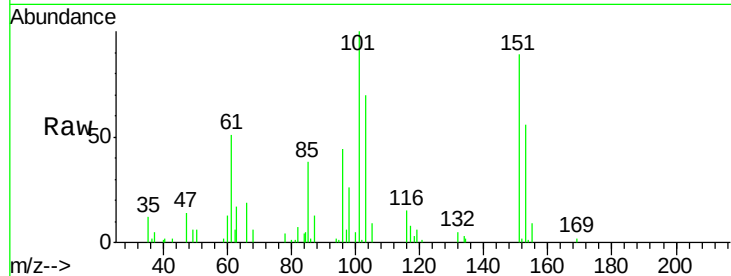
ClientSampleId :

VD1130SBS01

Tot Ion:	101	Resp:	42536
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.5	53.3
151	88.3	69.4	104.0

Manual Integrations
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12/1/2020 12:43:39 PM



#10

Methyl Iodide

Concen: 19.087 ug/l

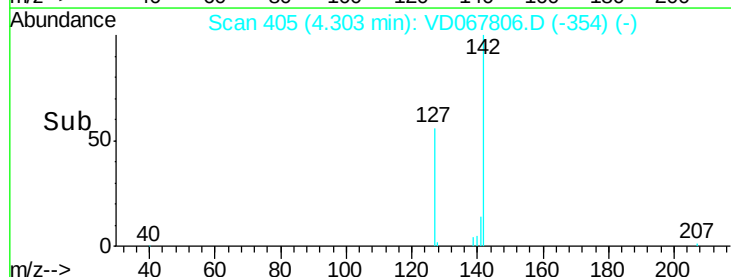
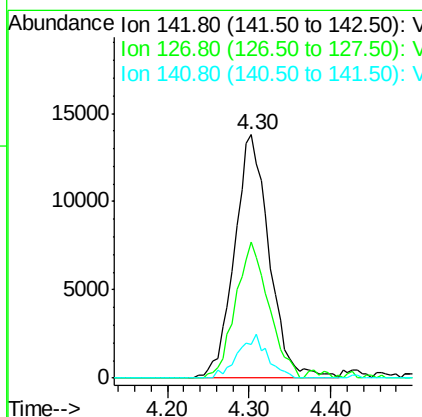
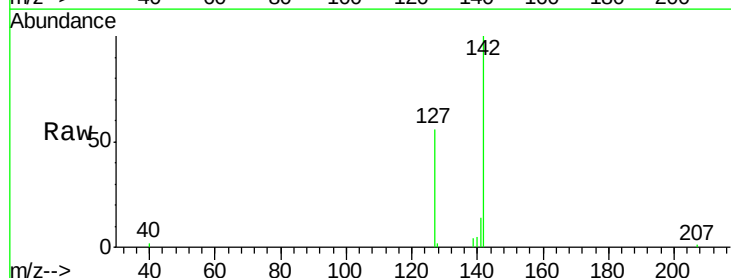
RT: 4.30 min Scan# 405

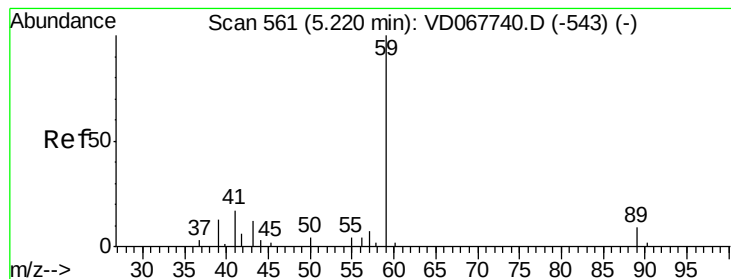
Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	142	Resp:	40659
Ion Ratio	Lower	Upper	
142	100		
127	53.5	42.2	63.2
141	15.0	11.8	17.6





#11

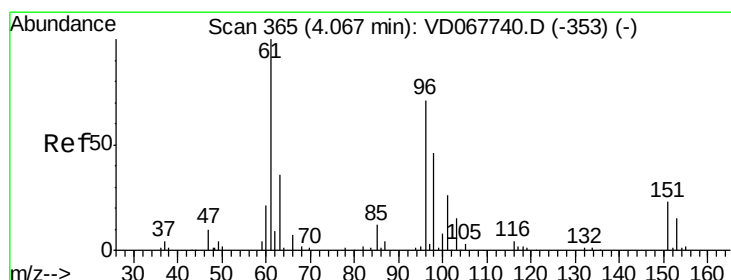
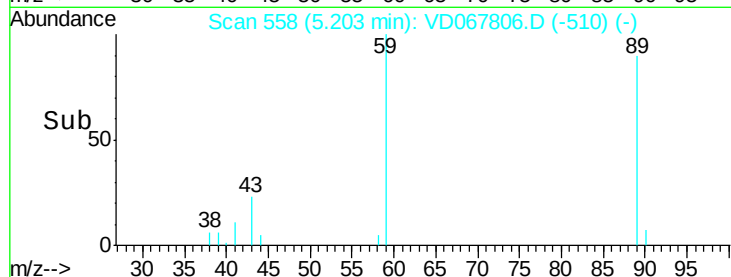
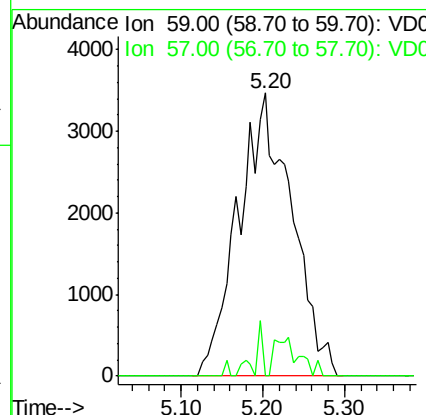
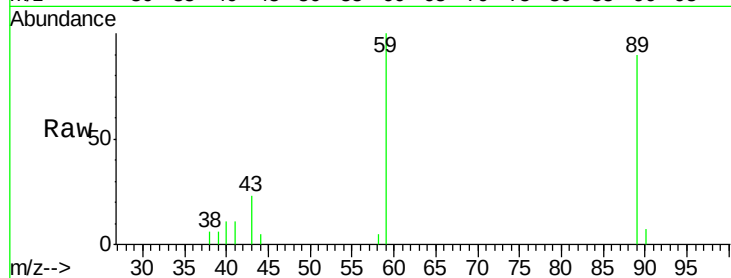
Tert butyl alcohol
Concen: 107.676 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	2.6	3.4	5.0#

Manual Integrations
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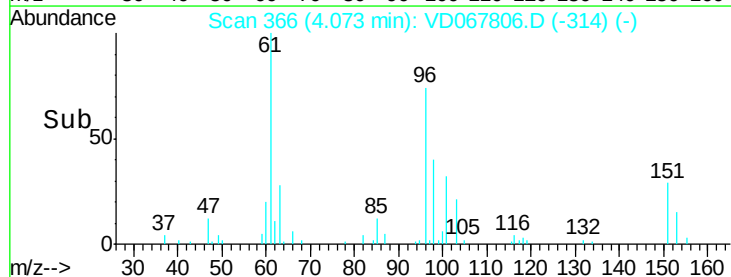
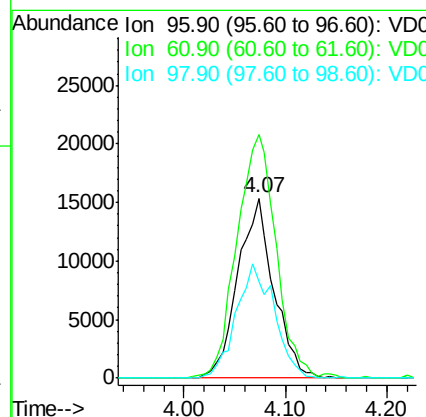
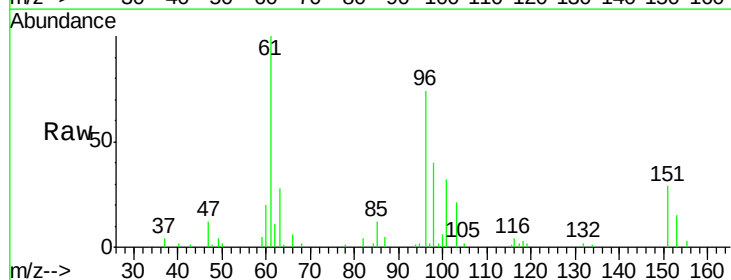
MMDadoda
12/1/2020 12:43:39 PM

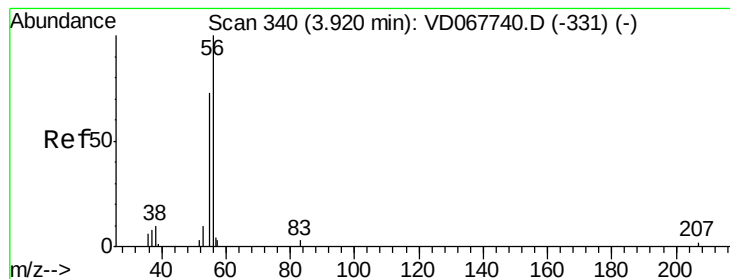


#12

1,1-Dichloroethene
Concen: 19.676 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.5	112.9	169.3
98	54.0	52.4	78.6





#13

Acrolein

Concen: 87.322 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 56 Resp: 8256

Ion Ratio Lower Upper

56 100

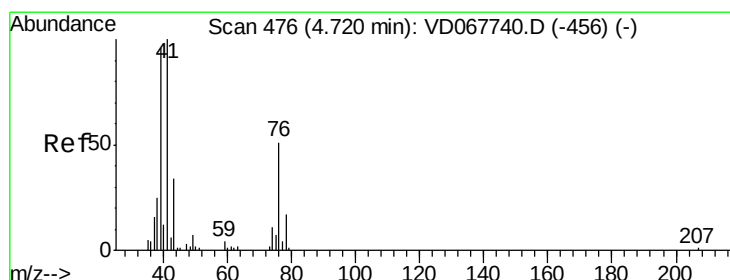
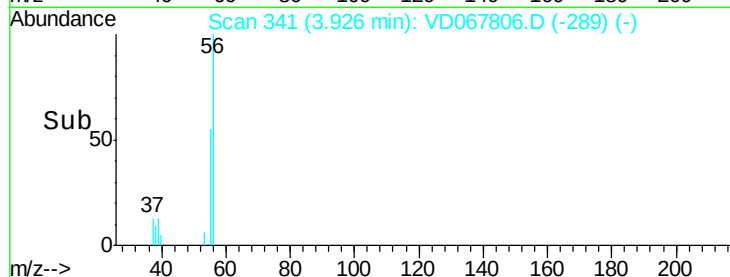
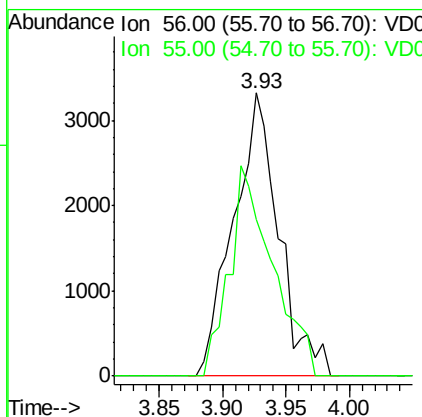
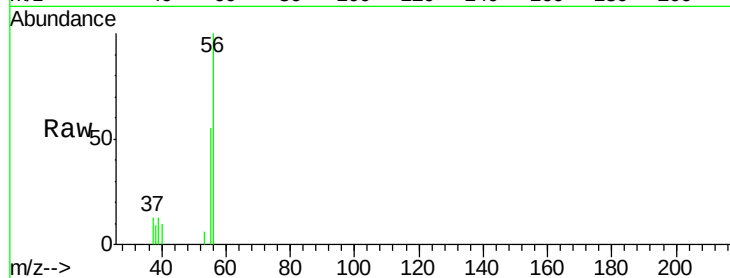
55 70.7 61.2 91.8

Manual Integrations

APPROVED

MMDadoda

12/1/2020 12:43:39 PM



#14

Allyl chloride

Concen: 18.665 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

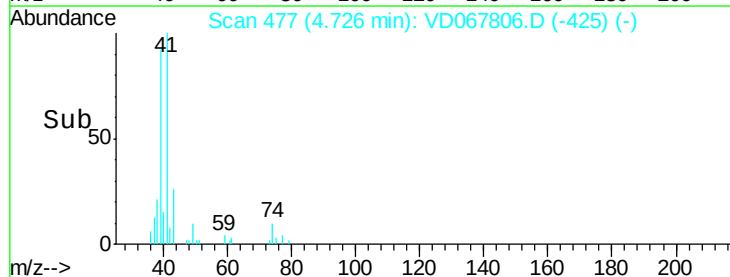
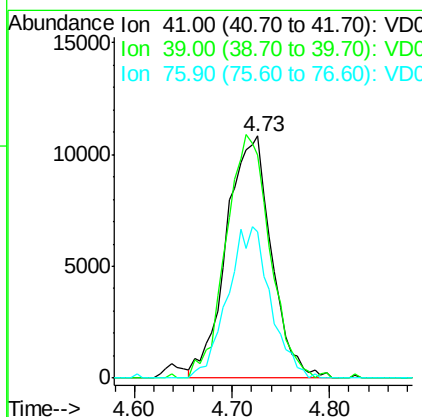
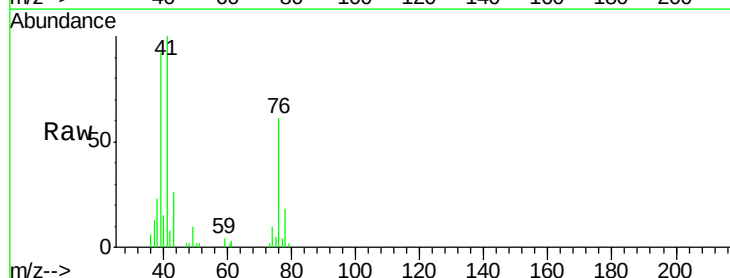
Tgt Ion: 41 Resp: 34744

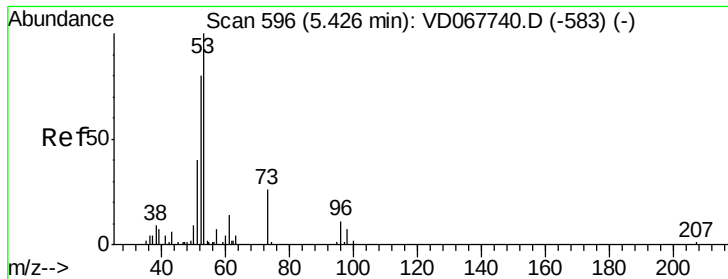
Ion Ratio Lower Upper

41 100

39 97.8 74.6 111.8

76 59.5 43.3 64.9





#15

Acrylonitrile

Concen: 93.674 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

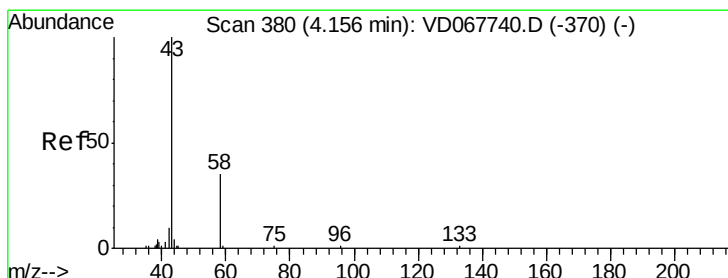
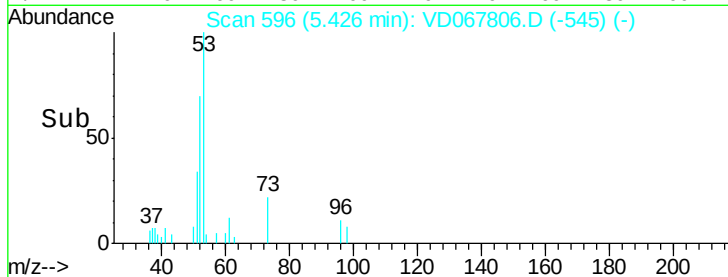
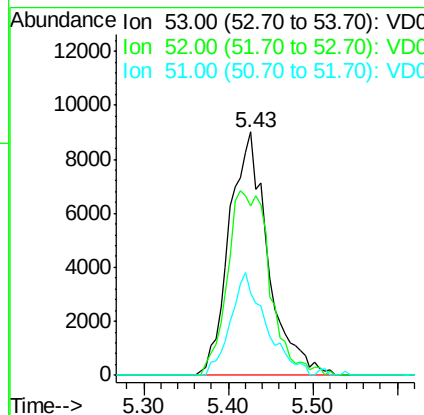
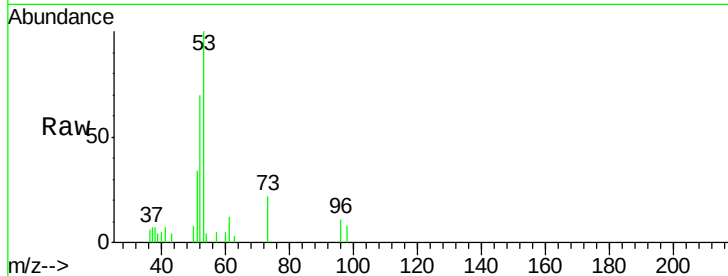
ClientSampleId :

VD1130SBS01

Tot Ion:	53	Resp:	28628
Ion Ratio	Lower	Upper	
53	100		
52	83.2	63.4	95.2
51	38.7	31.4	47.2

Manual Integrations
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12/1/2020 12:43:39 PM



#16

Acetone

Concen: 94.150 ug/l

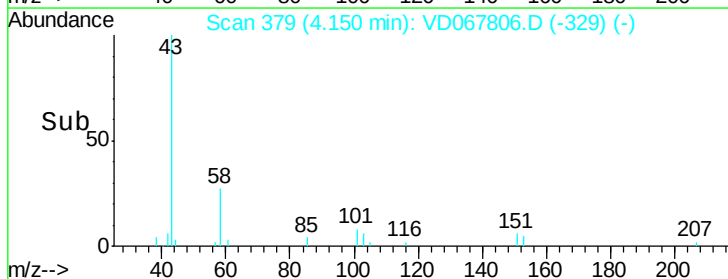
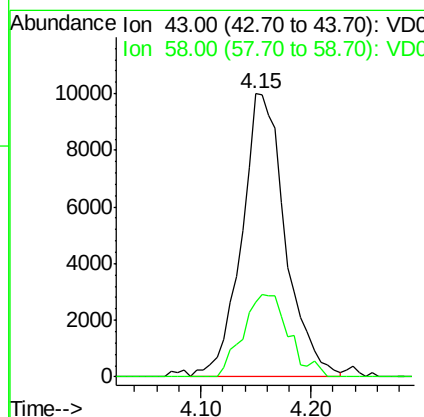
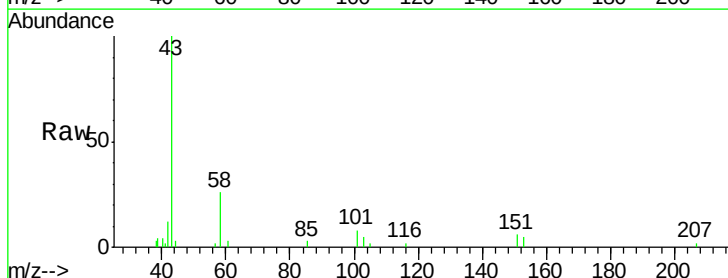
RT: 4.15 min Scan# 379

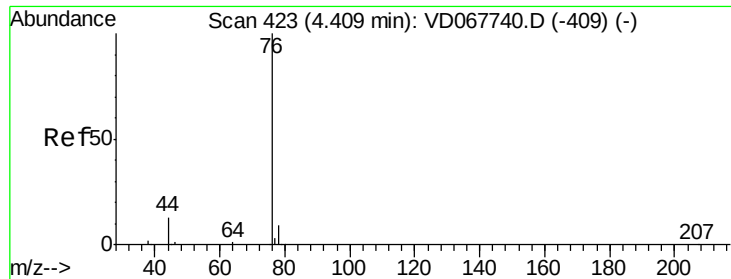
Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	43	Resp:	27744
Ion Ratio	Lower	Upper	
43	100		
58	26.2	27.6	41.4#





#17

Carbon Disulfide

Concen: 19.335 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 76 Resp: 107689

Ion Ratio Lower Upper

76 100

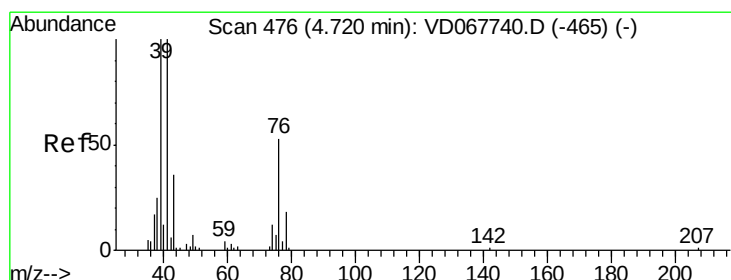
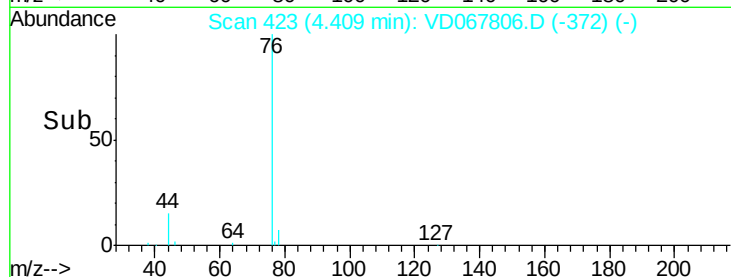
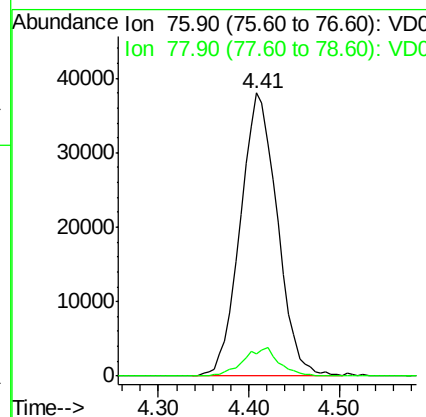
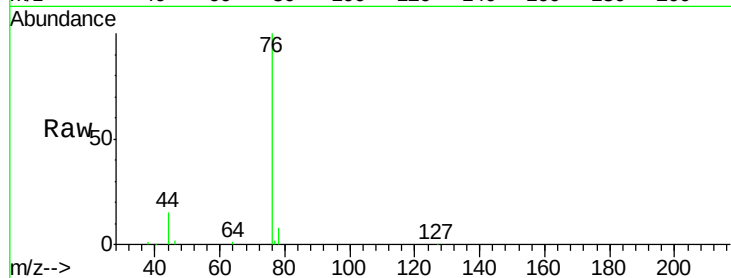
78 7.9 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 18.329 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067806.D

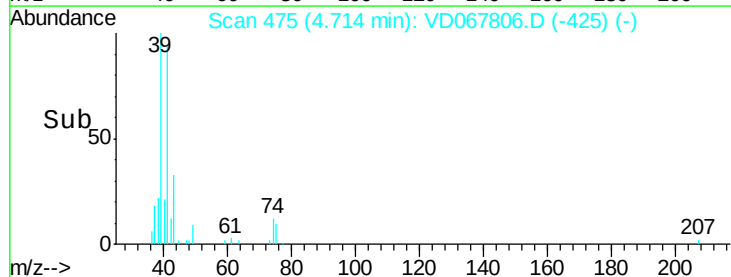
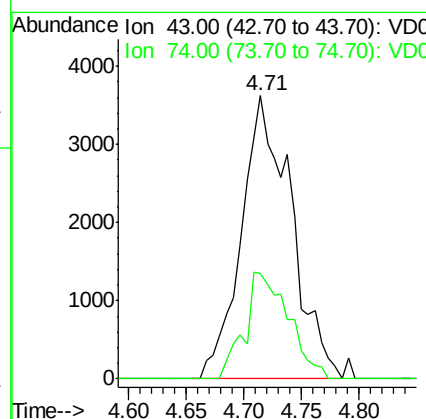
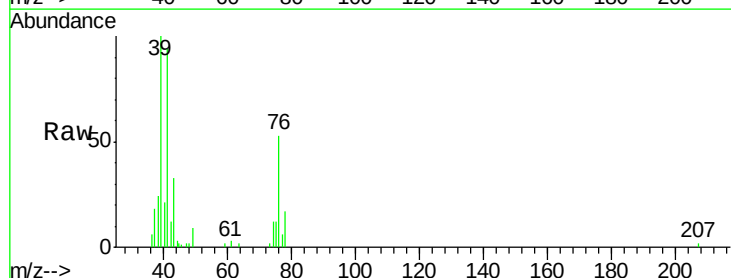
Acq: 30 Nov 2020 11:07

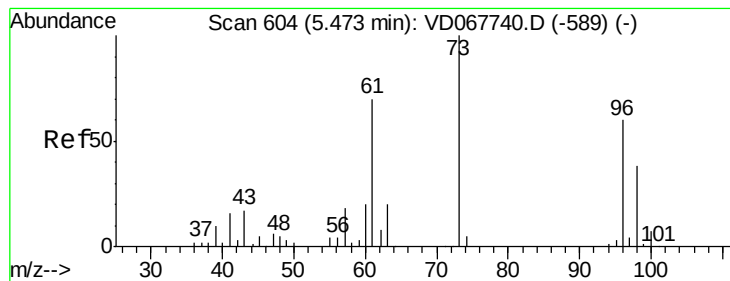
Tgt Ion: 43 Resp: 10866

Ion Ratio Lower Upper

43 100

74 33.2 29.7 44.5





#19

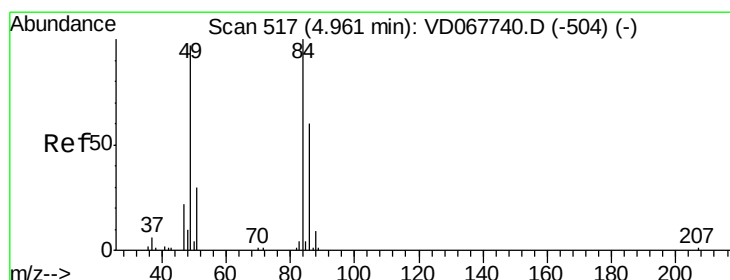
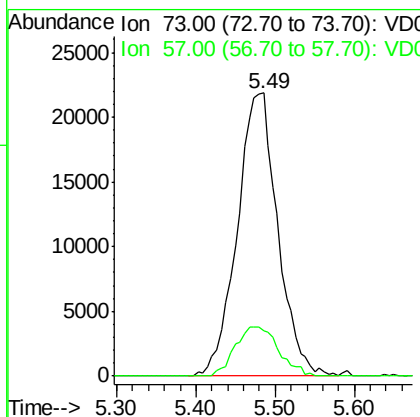
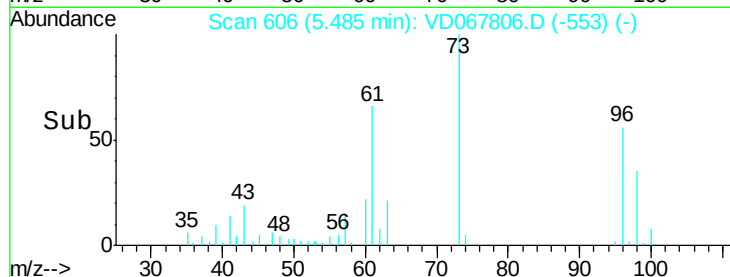
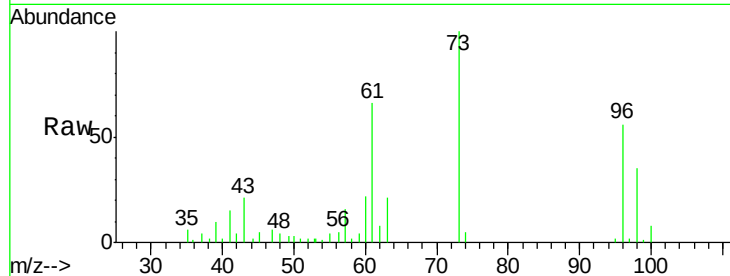
Methyl tert-butyl Ether
 Concen: 18.866 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1130SBS01

Tot Ion: 73 Resp: 77643
 Ion Ratio Lower Upper
 73 100
 57 16.0 14.8 22.2

Manual Integrations
 APPROVED

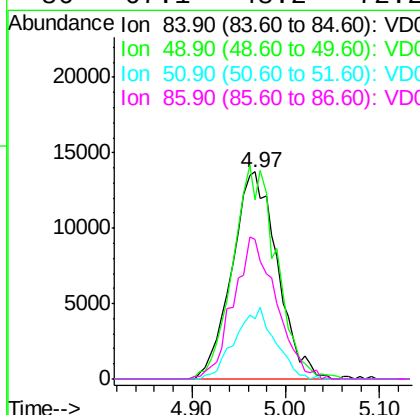
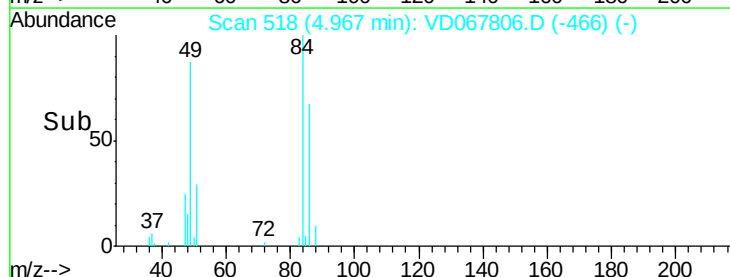
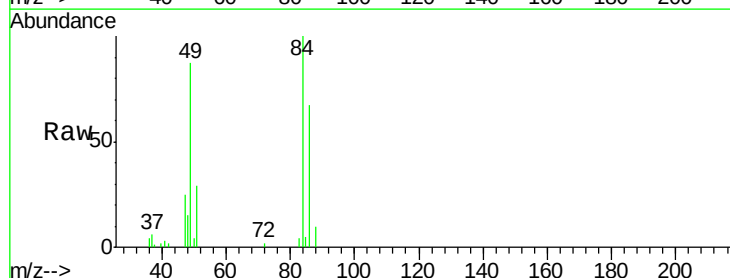
MMDadoda
 12/1/2020 12:43:39 PM

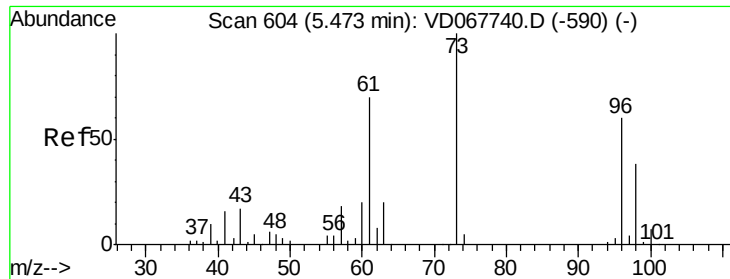


#20

Methylene Chloride
 Concen: 15.675 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 84 Resp: 46044
 Ion Ratio Lower Upper
 84 100
 49 86.6 77.4 116.2
 51 29.1 24.1 36.1
 86 67.1 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 96 Resp: 45002

Ion Ratio Lower Upper

96 100

61 105.5 94.0 141.0

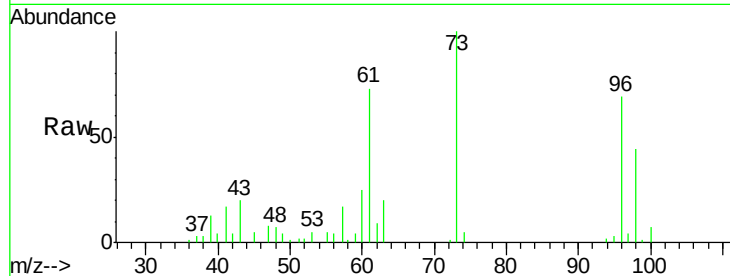
98 63.5 51.3 76.9

Manual Integrations

APPROVED

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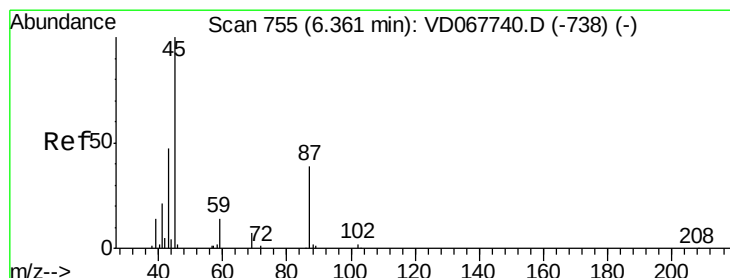
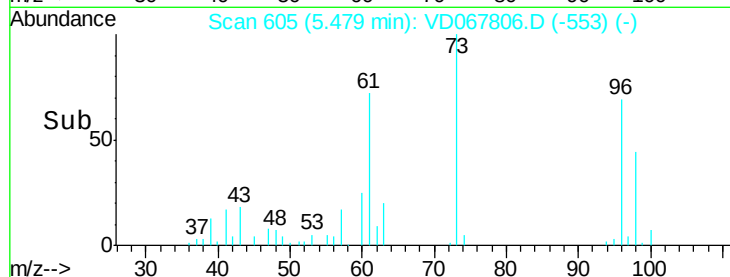
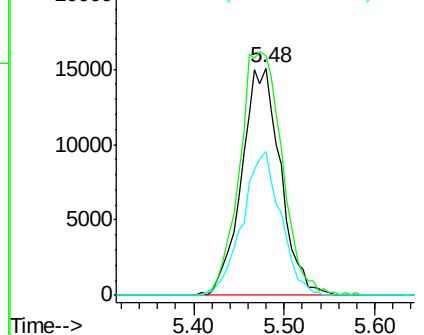
12/1/2020 12:43:39 PM



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.220 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion: 45 Resp: 70624

Ion Ratio Lower Upper

45 100

43 59.9 46.8 70.2

87 37.5 32.9 49.3

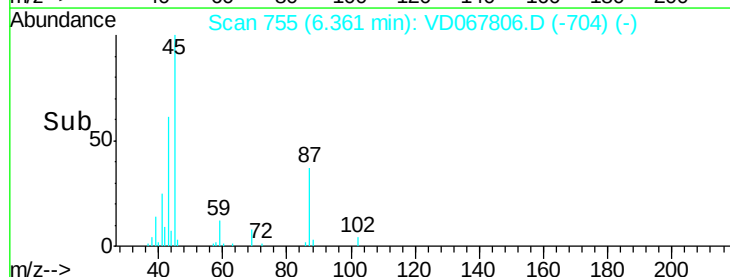
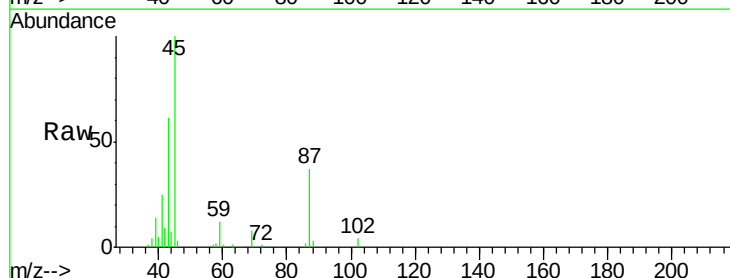
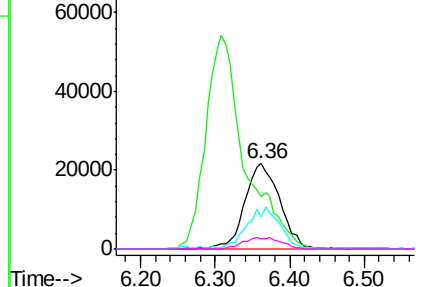
59 12.5 11.2 16.8

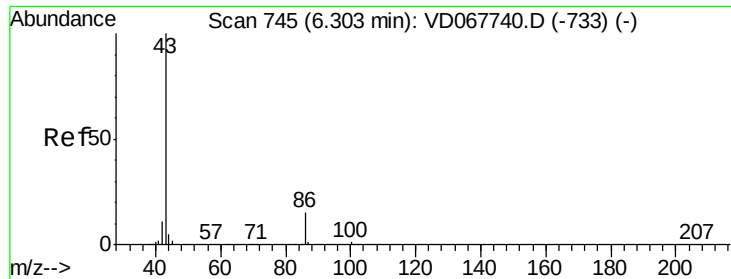
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 94.784 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 43 Resp: 196463

Ion Ratio Lower Upper

43 100

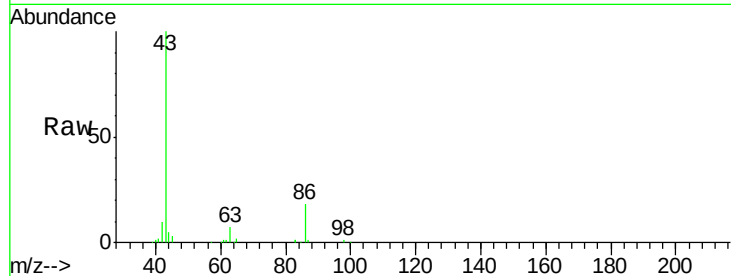
86 18.2 11.7 17.5#

Manual Integrations

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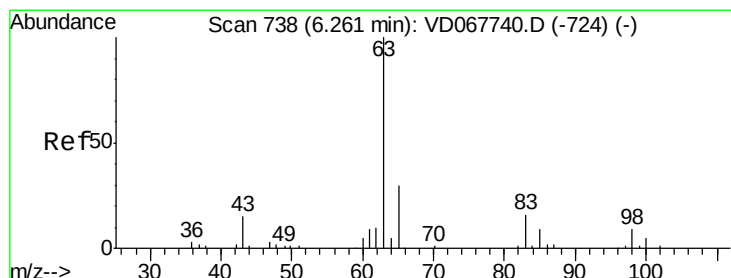
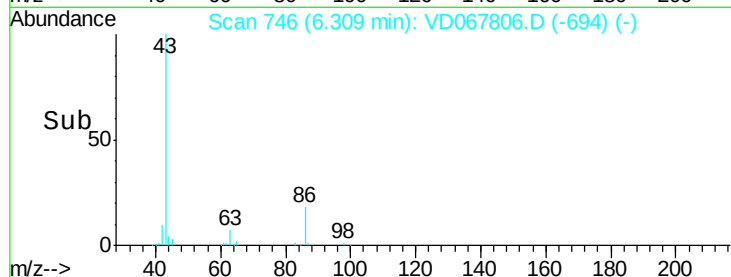
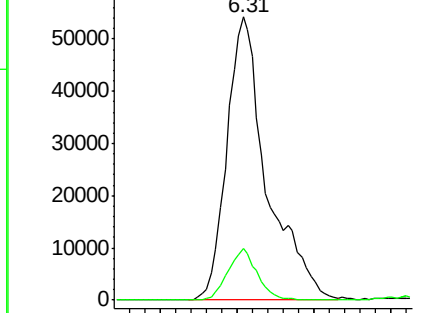
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.012 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

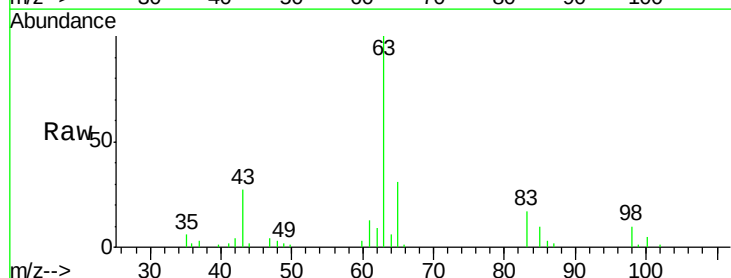
Tgt Ion: 63 Resp: 62344

Ion Ratio Lower Upper

63 100

98 10.1 4.4 13.2

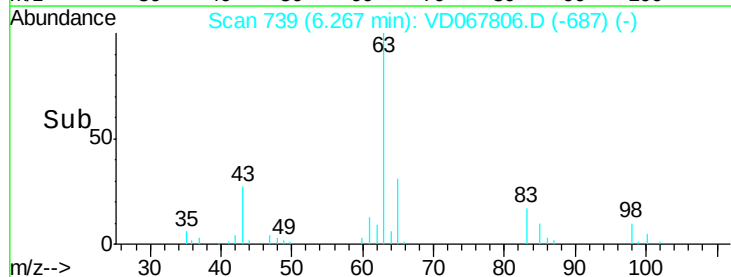
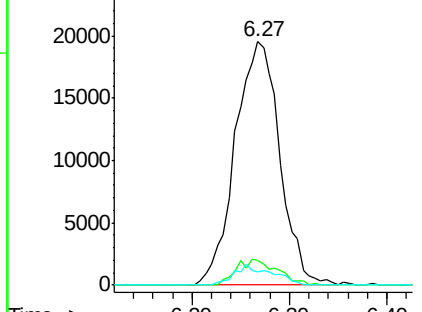
100 5.3 2.6 8.0

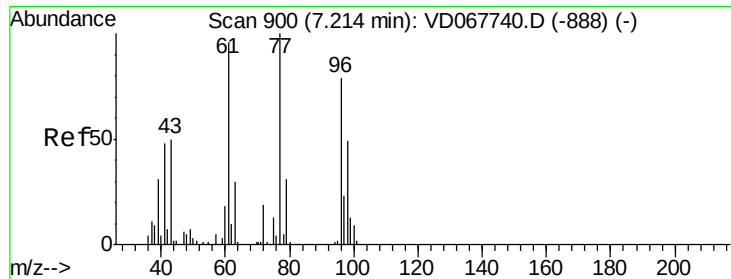


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





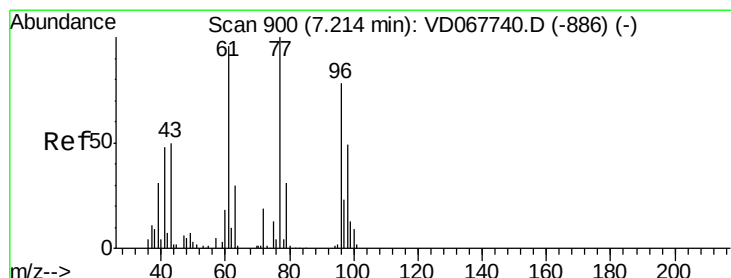
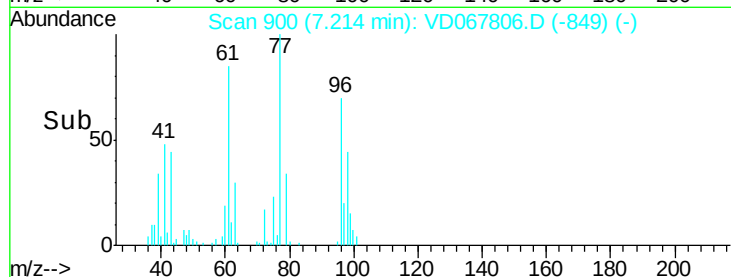
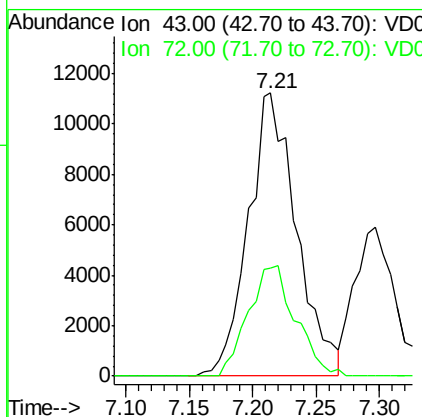
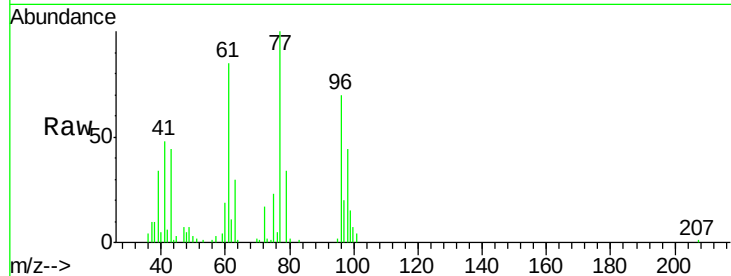
#25
2-Butanone
Concen: 89.763 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 43 Resp: 29682
Ion Ratio Lower Upper
43 100
72 38.1 30.8 46.2

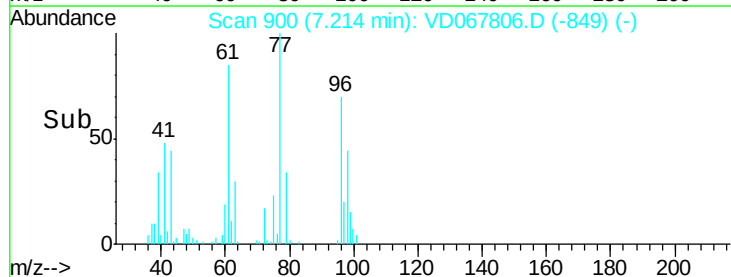
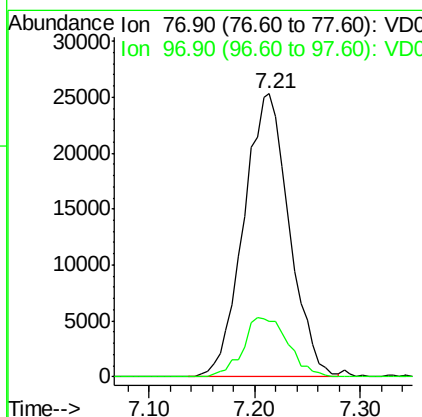
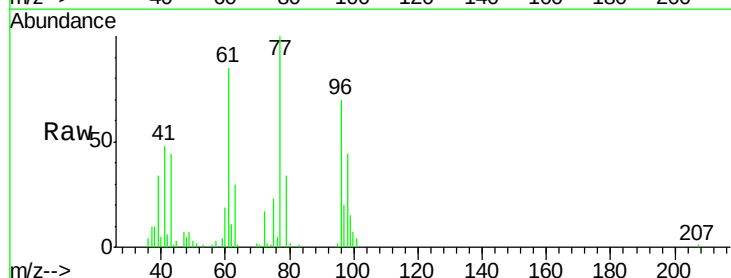
Manual Integrations
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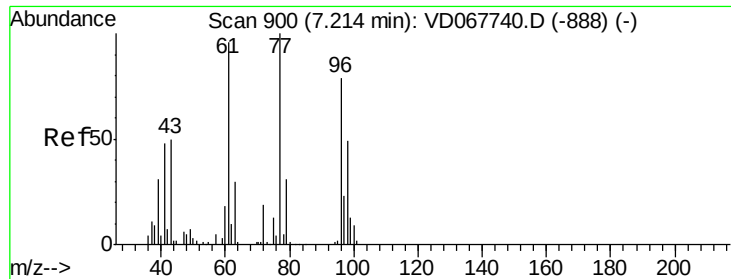
MMDadoda
12/1/2020 12:43:39 PM



#26
2,2-Dichloropropane
Concen: 20.615 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 77 Resp: 75765
Ion Ratio Lower Upper
77 100
97 20.8 11.1 33.3





#27

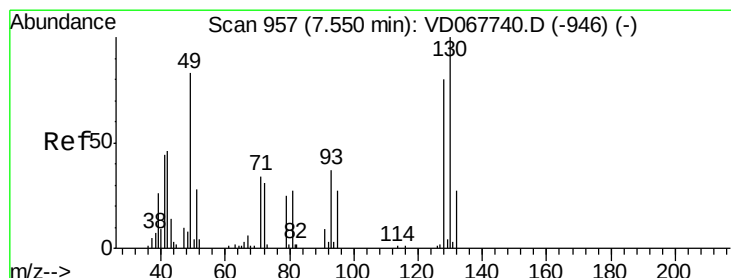
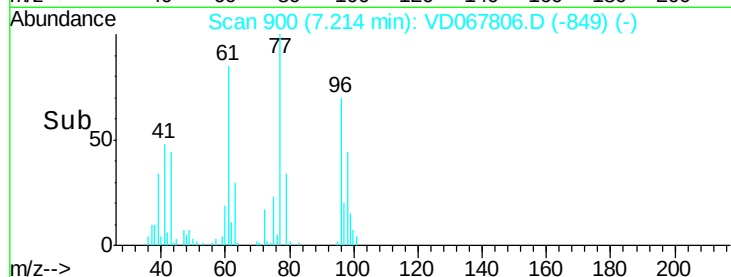
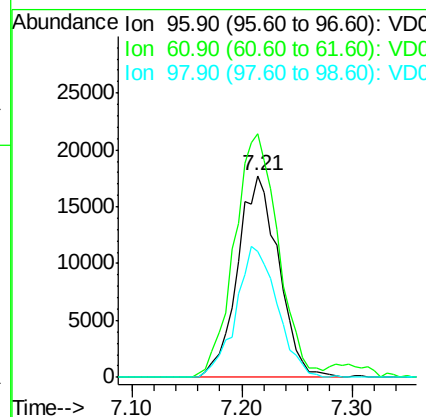
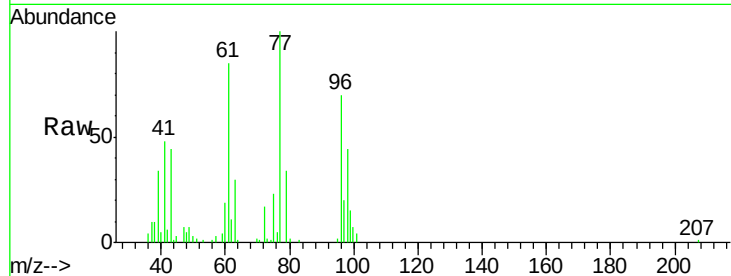
cis-1,2-Dichloroethene
 Concen: 19.825 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.0
98	64.9	0.0	131.8

Manual Integrations
 APPROVED

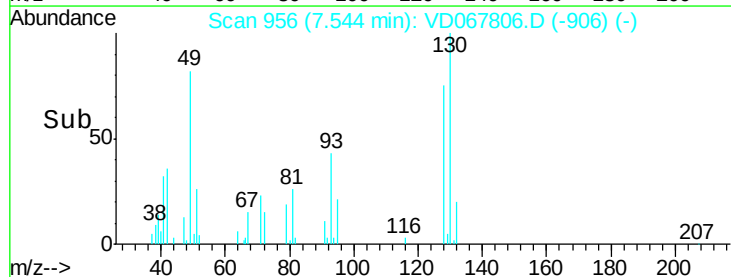
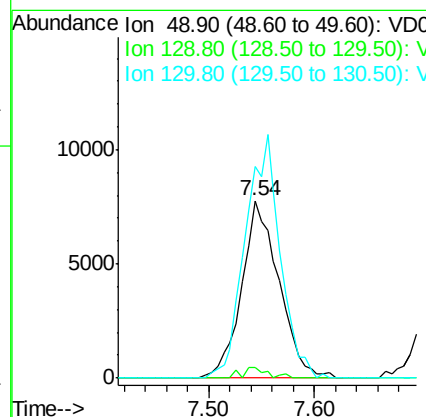
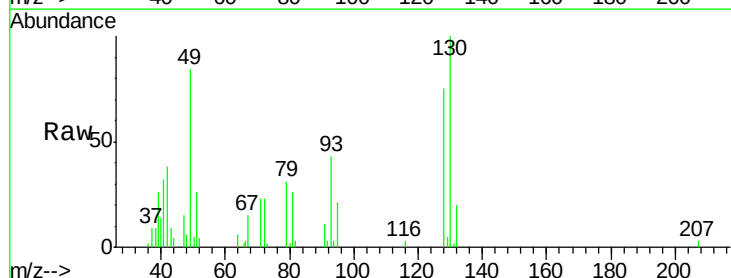
MMDadoda
 12/1/2020 12:43:39 PM

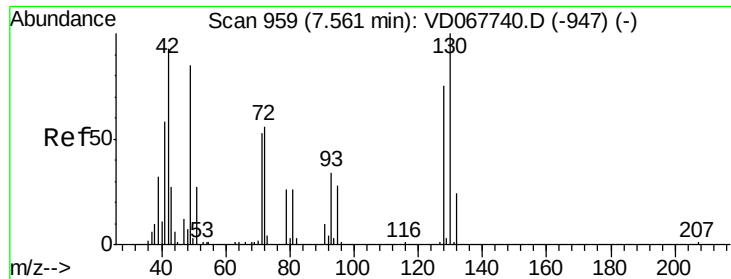


#28

Bromochloromethane
 Concen: 19.050 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.9	0.0	7.0
130	128.4	102.2	153.4





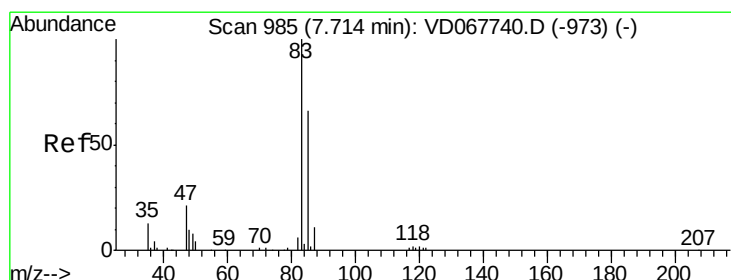
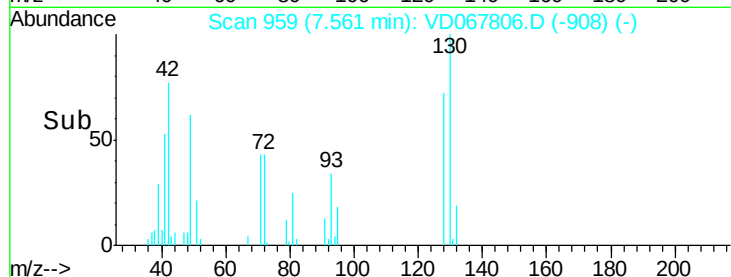
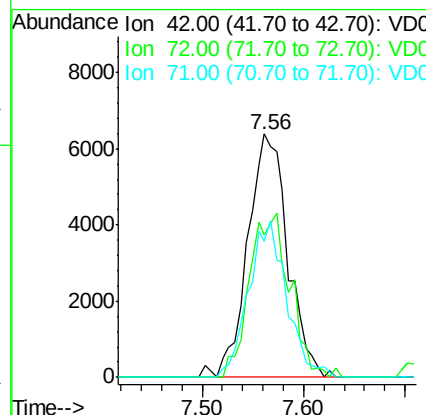
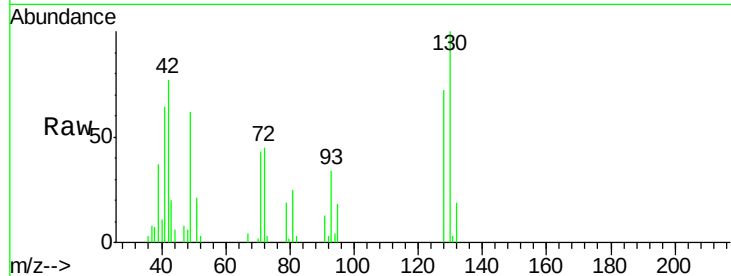
#29
Tetrahydrofuran
Concen: 93.645 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	67.5	49.3	73.9
71	60.8	45.9	68.9

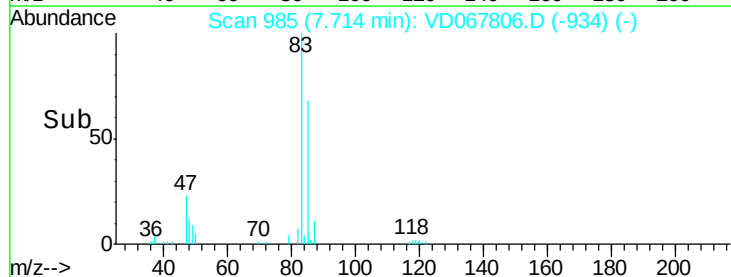
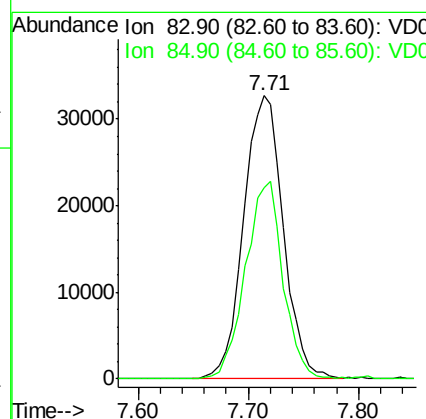
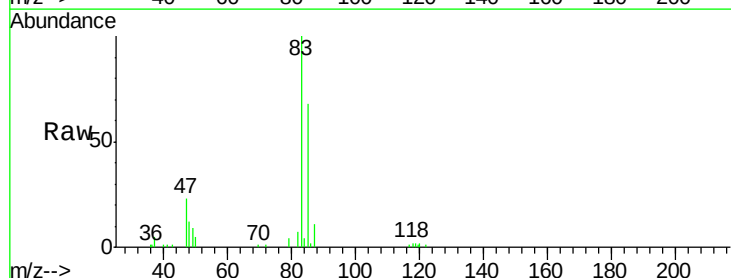
Manual Integrations
APPROVED

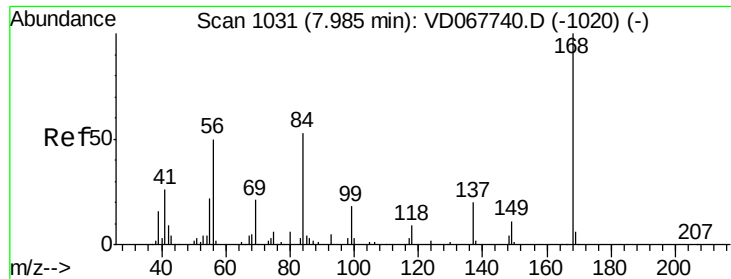
MMDadoda
12/1/2020 12:43:39 PM



#30
Chloroform
Concen: 20.221 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.1	79.7





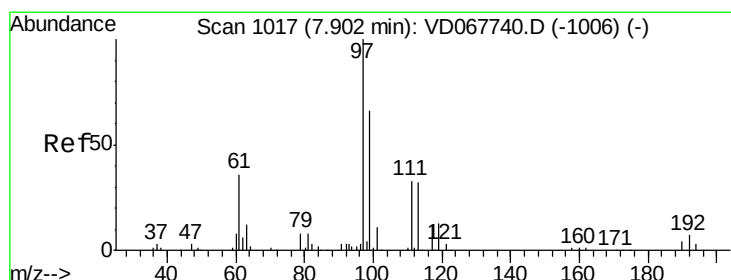
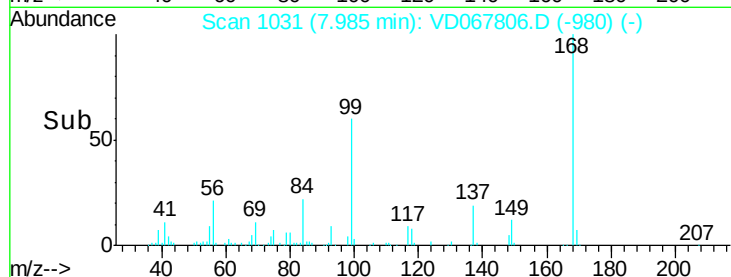
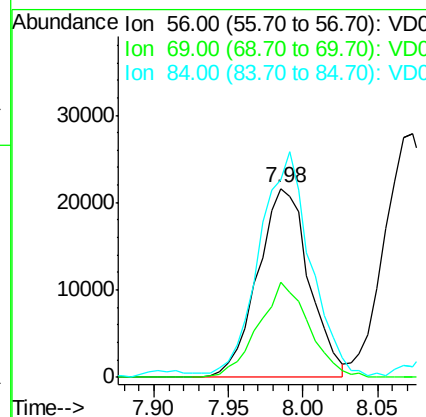
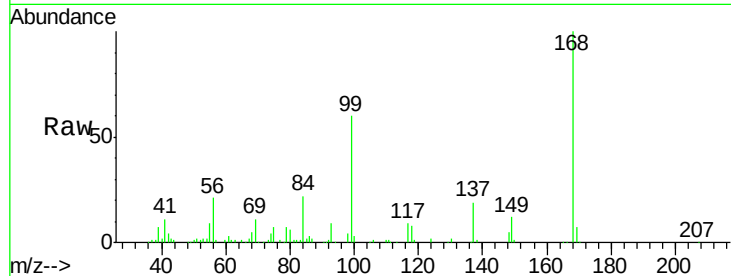
#31
Cyclohexane
Concen: 18.727 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	50.5	33.2	49.8#
84	102.6	84.8	127.2

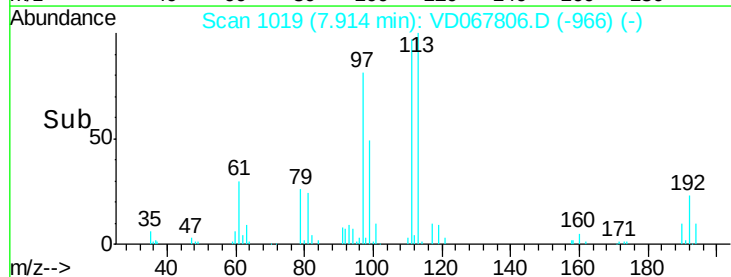
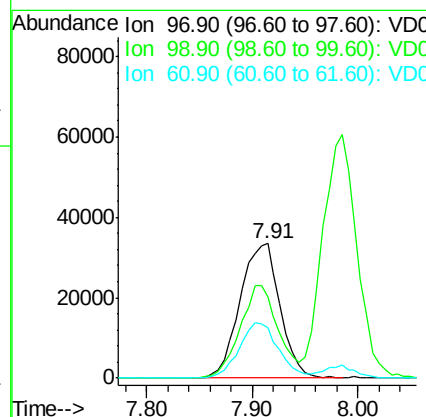
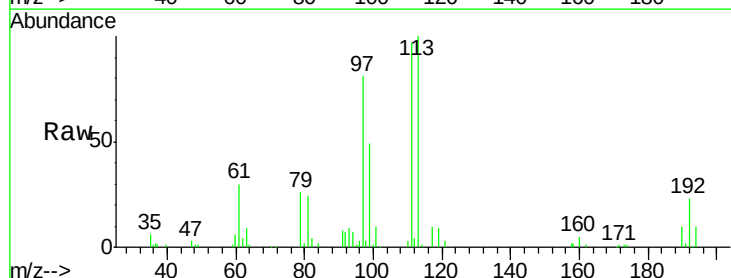
Manual Integrations
APPROVED

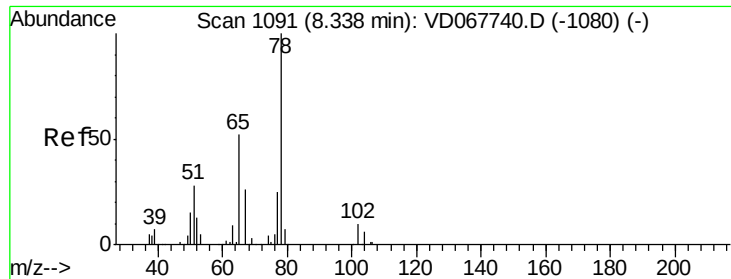
MMDadoda
12/1/2020 12:43:39 PM



#32
1,1,1-Trichloroethane
Concen: 20.357 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.1	76.7
61	40.2	29.4	44.2





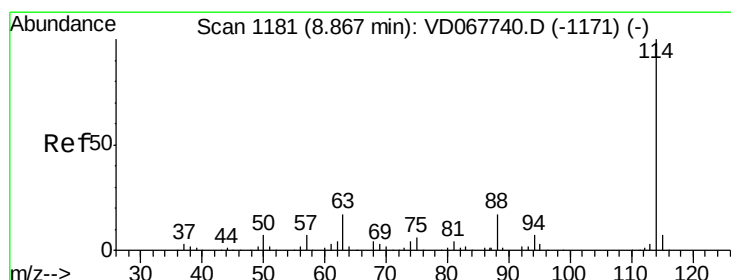
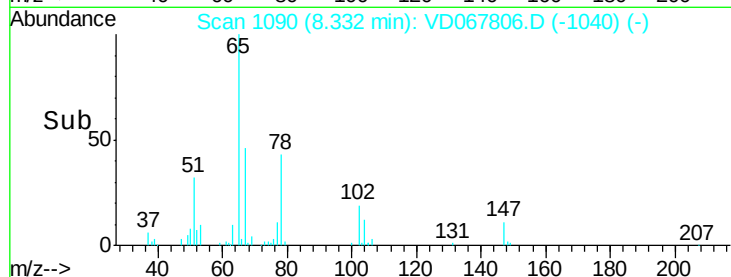
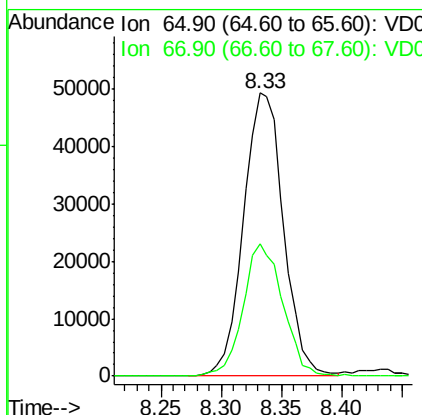
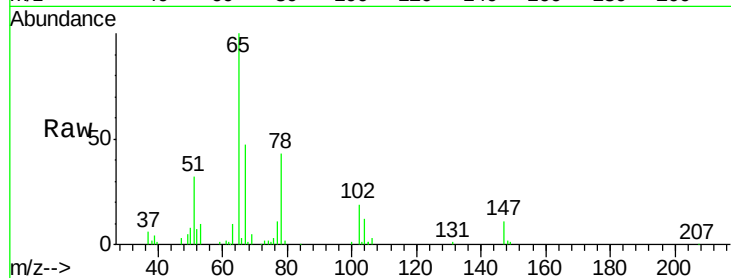
#33
 1,2-Dichloroethane-d4
 Concen: 49.765 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113515		
67	46.5	0.0	101.0	

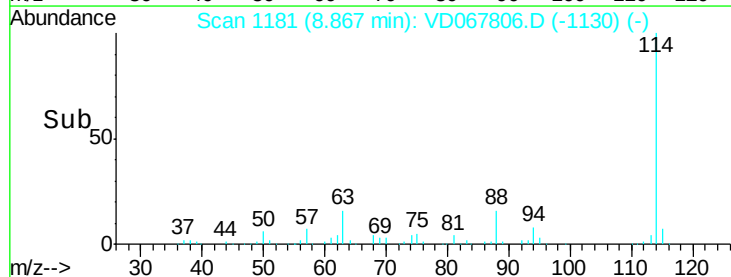
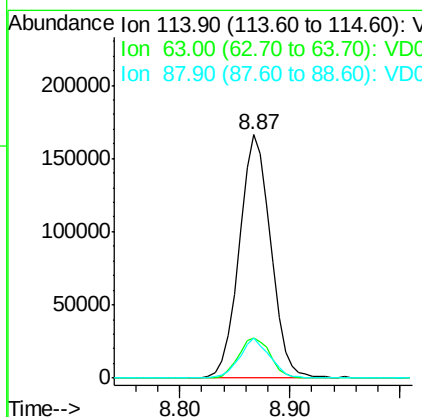
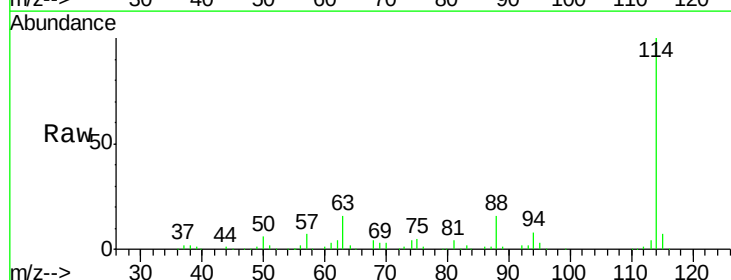
Manual Integrations
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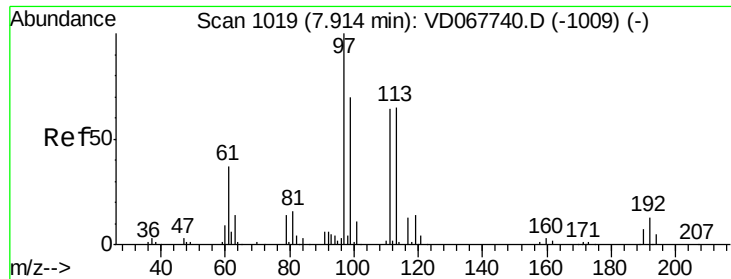
MMDadoda
 12/1/2020 12:43:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333334		
63	16.5	0.0	34.8	
88	16.5	0.0	34.4	





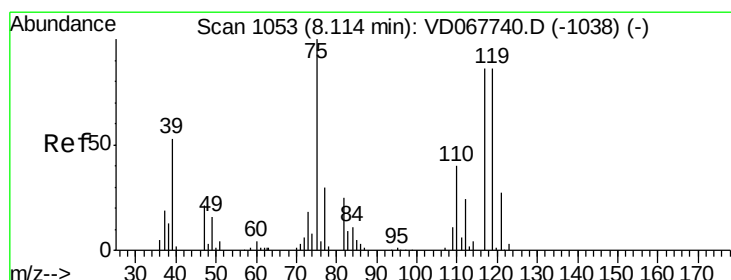
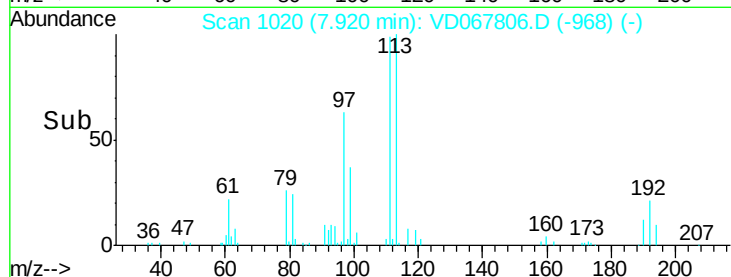
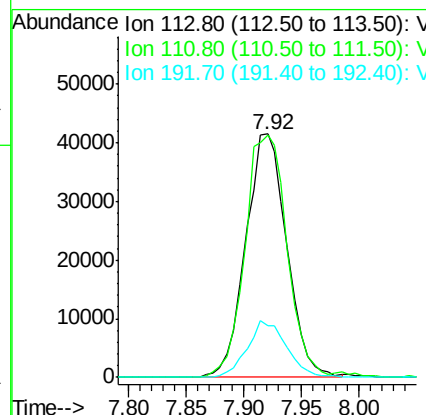
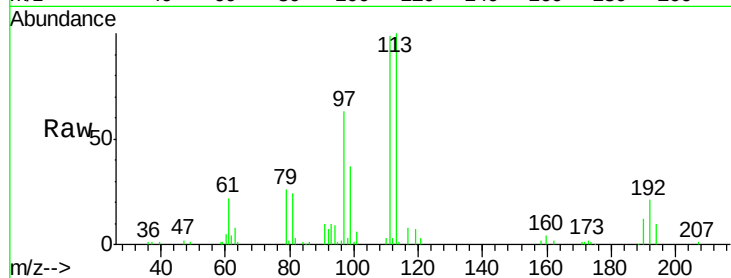
#35
 Dibromofluoromethane
 Concen: 48.388 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102648		
111	101.8	81.4	122.0	
192	22.3	17.0	25.4	

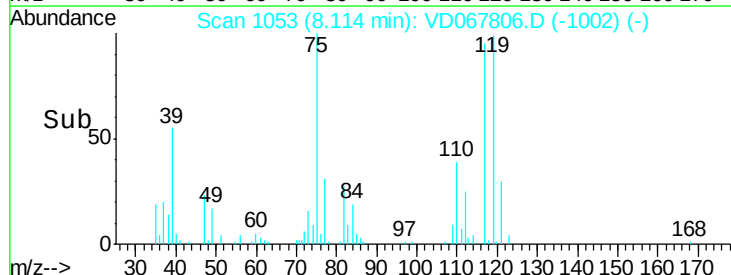
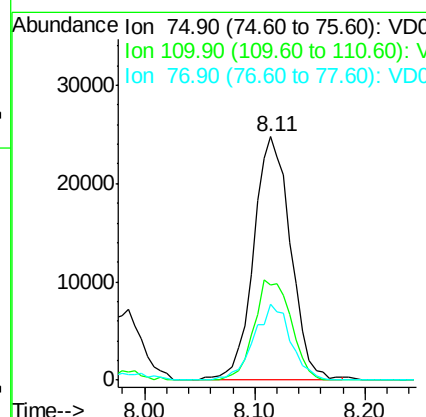
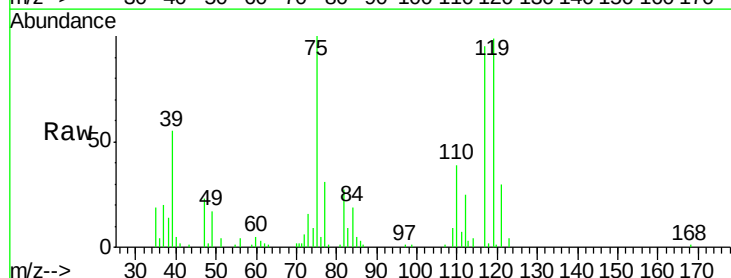
Manual Integrations
 APPROVED

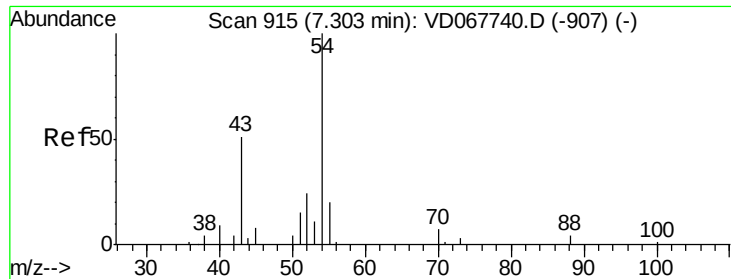
MMDadoda
 12/1/2020 12:43:39 PM



#36
 1,1-Dichloropropene
 Concen: 20.413 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58388		
110	41.0	20.1	60.2	
77	31.0	24.8	37.2	





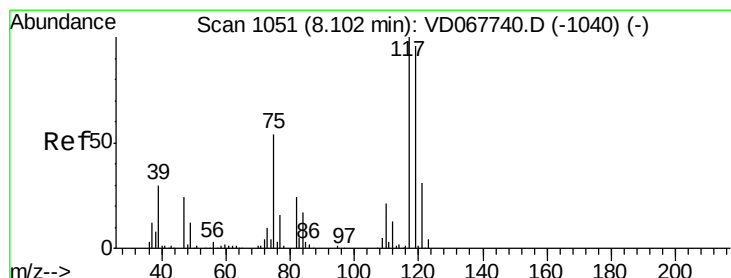
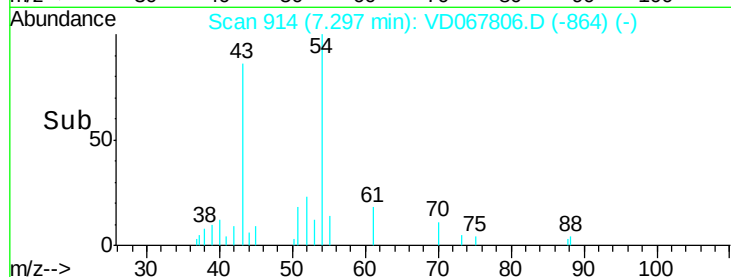
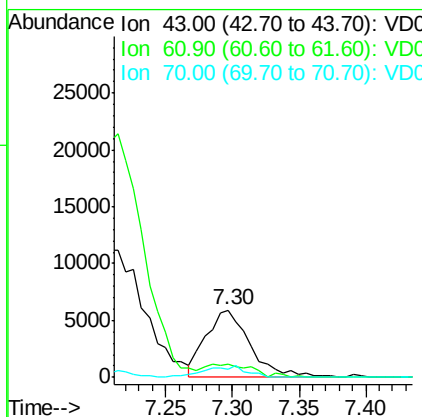
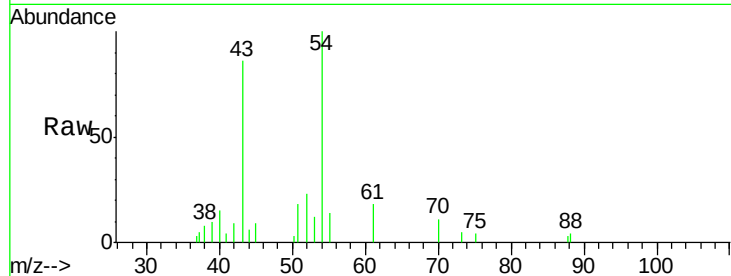
#37
Ethyl Acetate
Concen: 17.812 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	12.9	19.3#
70	16.3	12.2	18.2

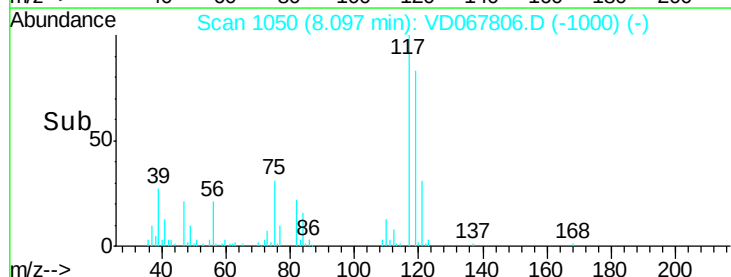
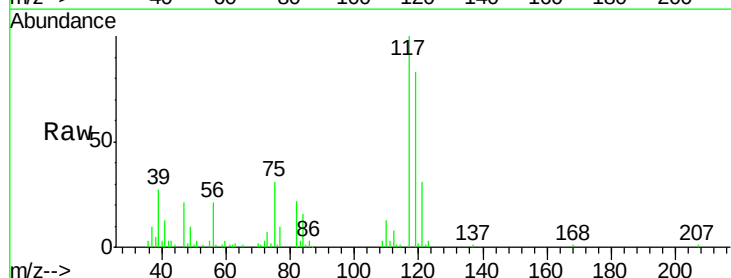
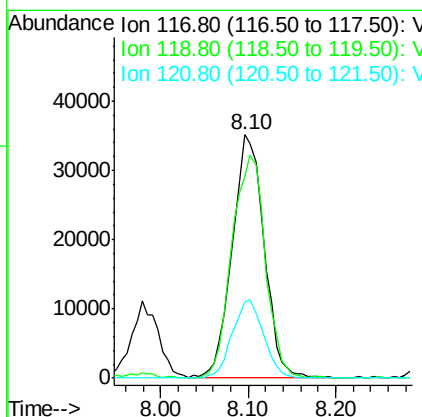
Manual Integrations
APPROVED

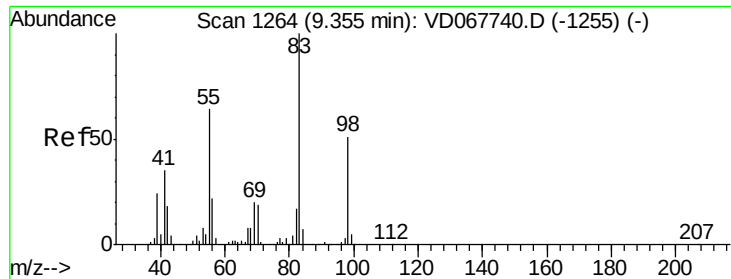
MMDadoda
12/1/2020 12:43:39 PM



#38
Carbon Tetrachloride
Concen: 21.030 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.0	76.6	115.0
121	31.1	24.5	36.7





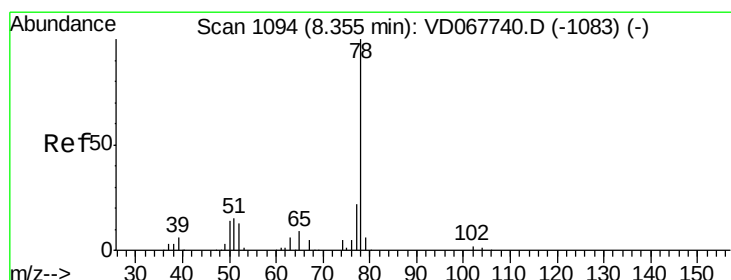
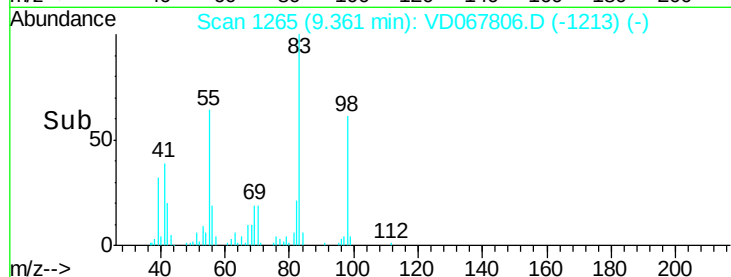
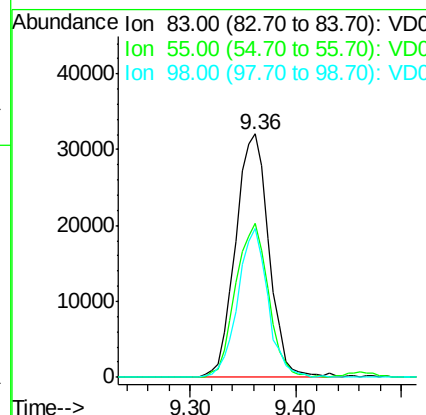
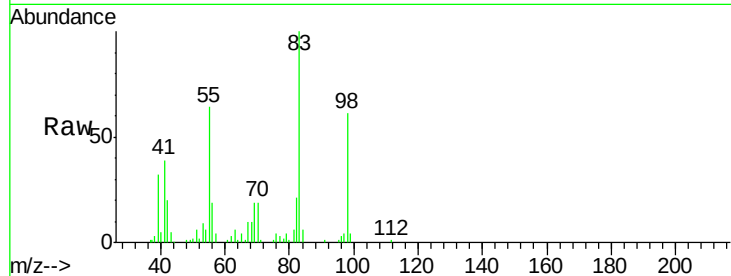
#39
Methylvlcyclohexane
Concen: 20.701 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.5	51.0	76.4
98	61.0	40.4	60.6

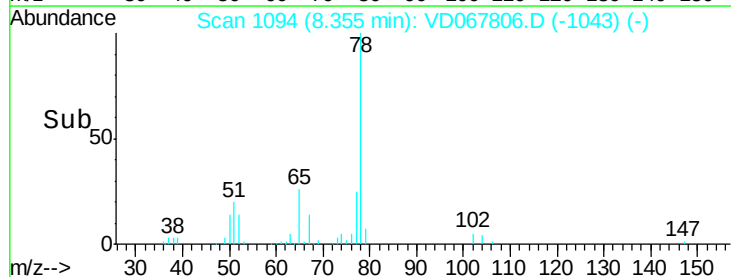
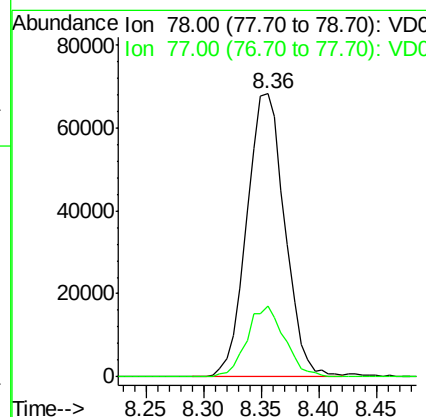
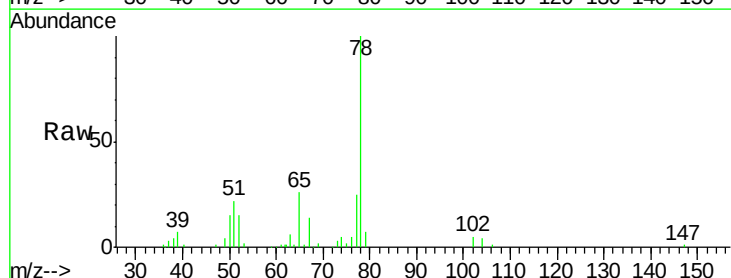
Manual Integrations
APPROVED

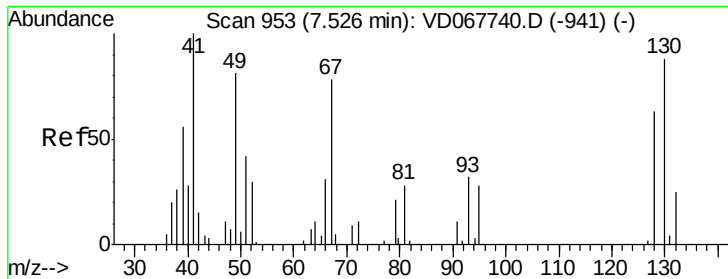
MMDadoda
12/1/2020 12:43:39 PM



#40
Benzene
Concen: 19.920 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	17.8	26.6





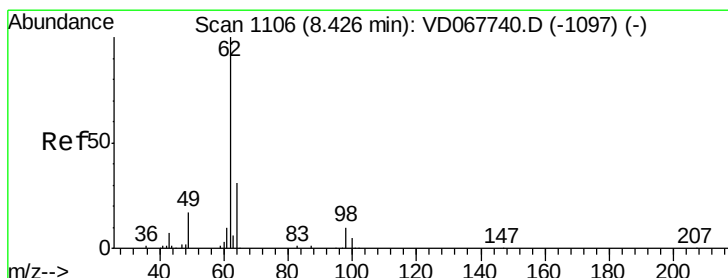
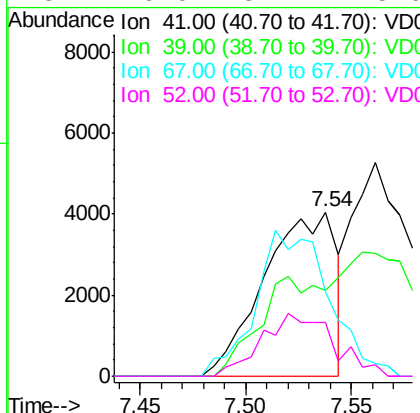
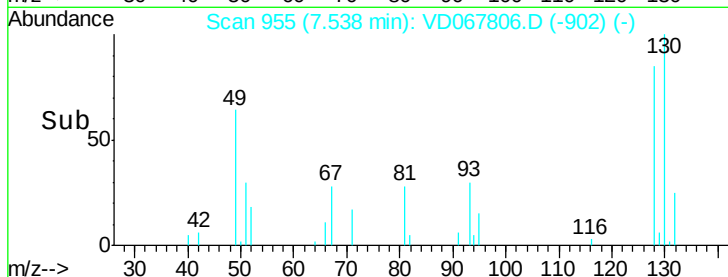
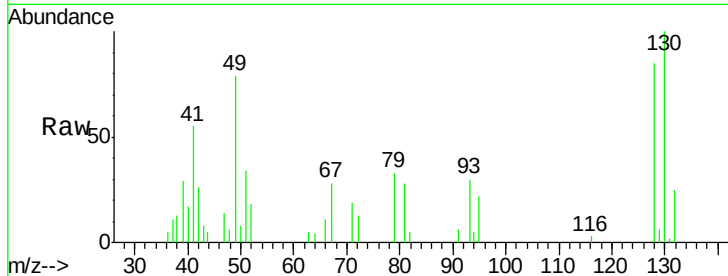
#41
Methacrylonitrile
Concen: 24.385 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.2	75.4#
67	0.0	79.0	118.6#
52	0.0	32.4	48.6#

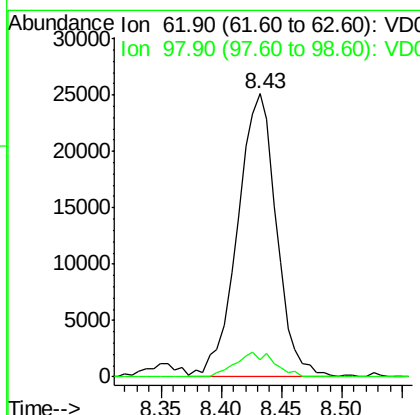
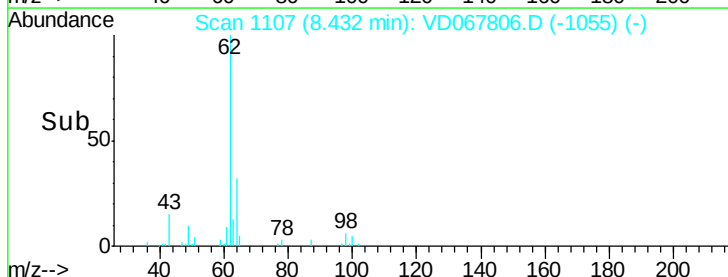
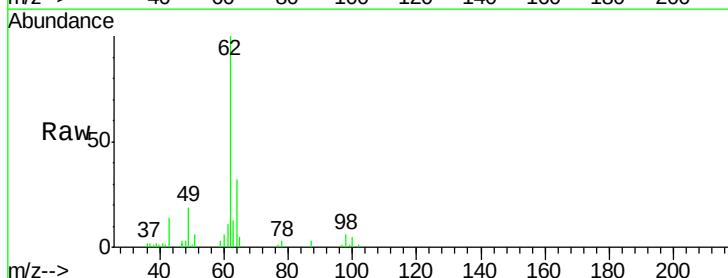
Manual Integrations
APPROVED

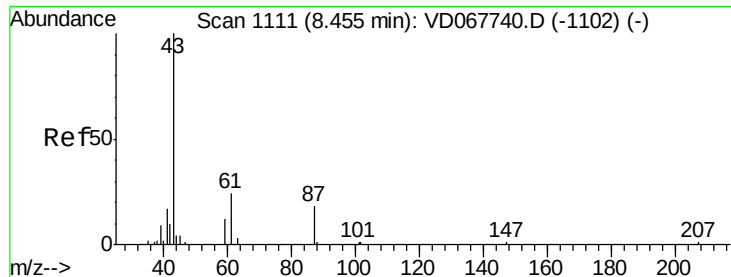
MMDadoda
12/1/2020 12:43:39 PM



#42
1,2-Dichloroethane
Concen: 21.201 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 17.851 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

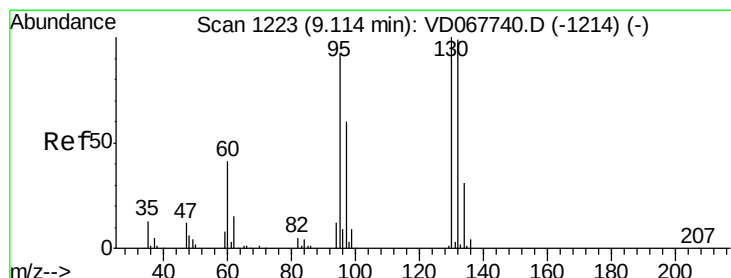
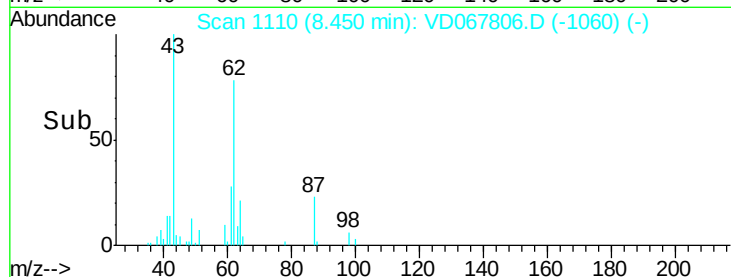
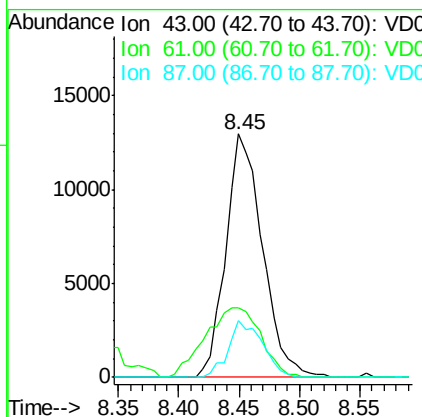
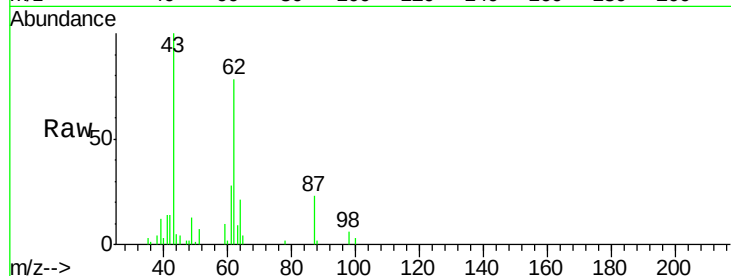
ClientSampleId :

VD1130SBS01

Tot Ion:	43	Resp:	27419
Ion	Ratio	Lower	Upper
43	100		
61	43.3	30.2	45.4
87	21.8	14.2	21.4#

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#44

Trichloroethene

Concen: 20.959 ug/l

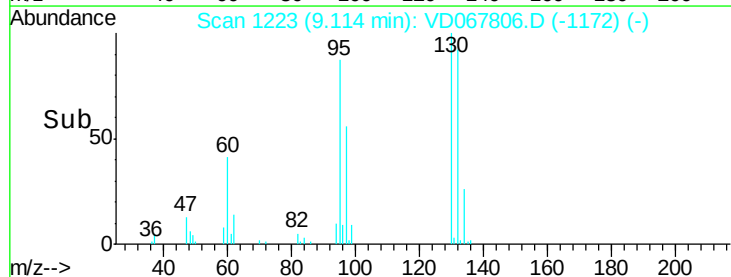
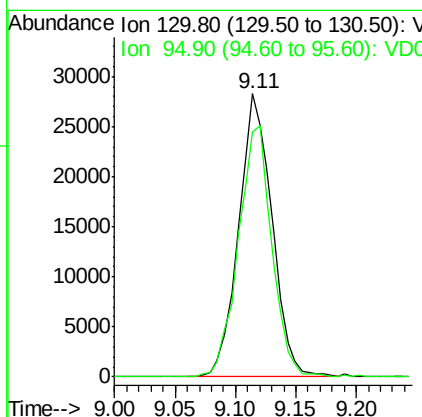
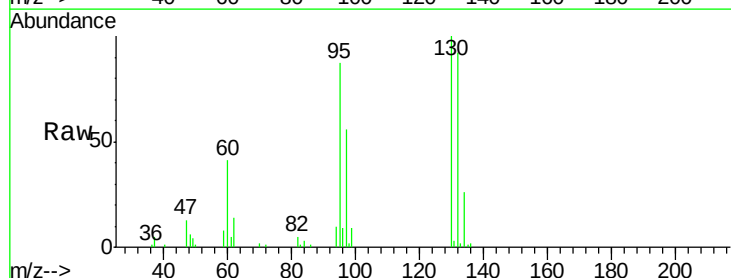
RT: 9.11 min Scan# 1223

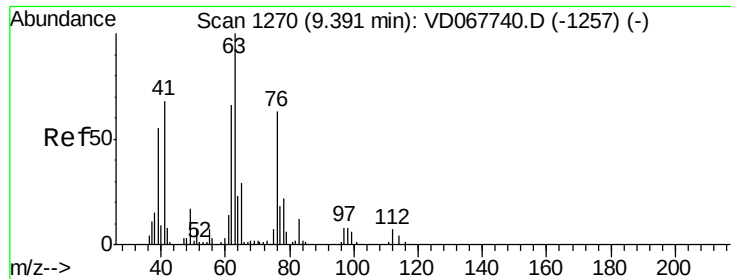
Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	130	Resp:	54570
Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	184.2





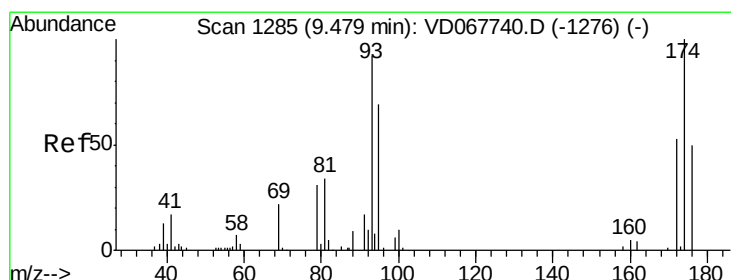
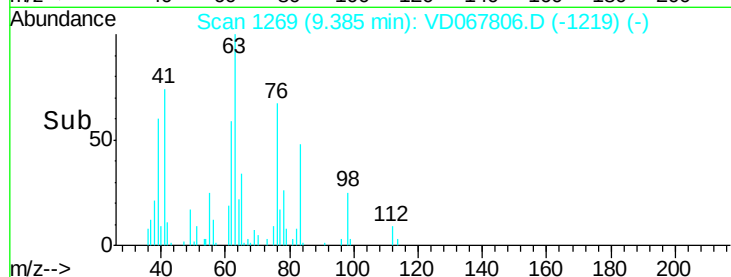
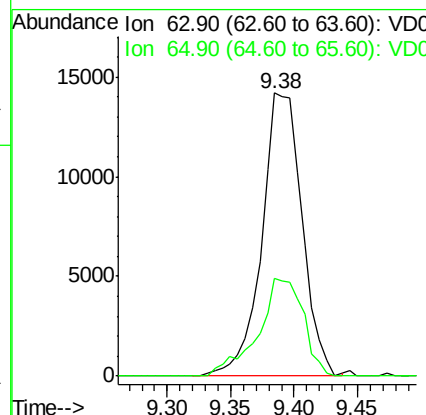
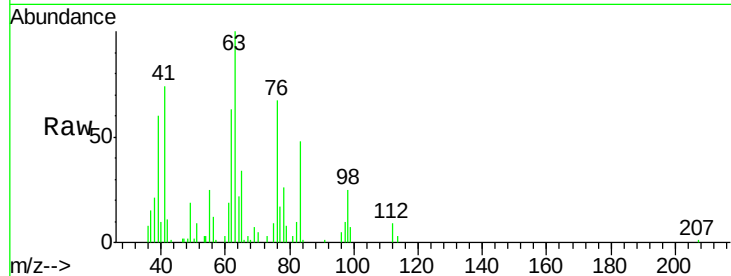
#45
 1,2-Dichloropropane
 Concen: 19.492 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion: 63 Resp: 31420
 Ion Ratio Lower Upper
 63 100
 65 34.4 23.1 34.7

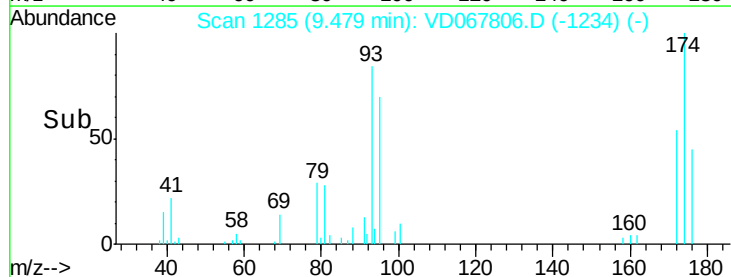
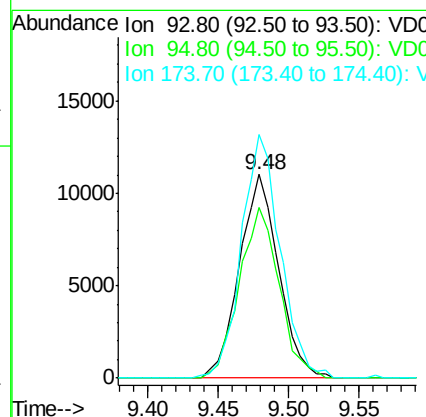
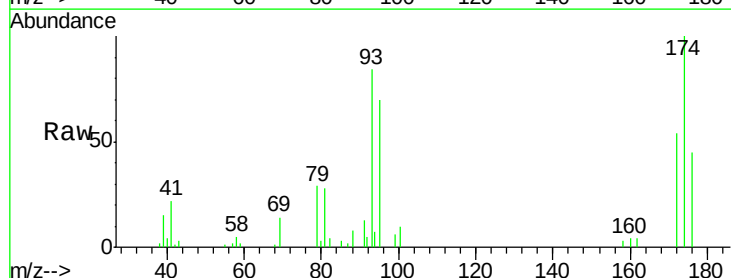
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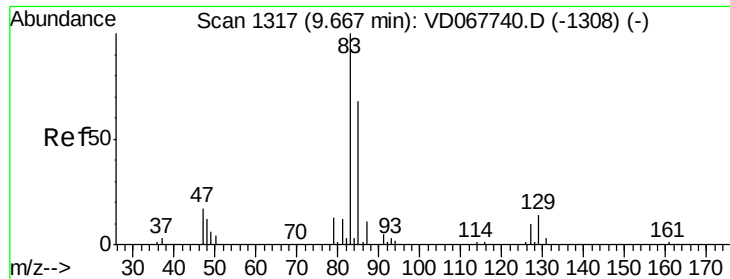
MMDadoda
 12/1/2020 12:43:39 PM



#46
 Dibromomethane
 Concen: 19.557 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 93 Resp: 21463
 Ion Ratio Lower Upper
 93 100
 95 85.0 63.4 95.2
 174 118.1 89.6 134.4





#47

Bromodichloromethane

Concen: 20.982 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

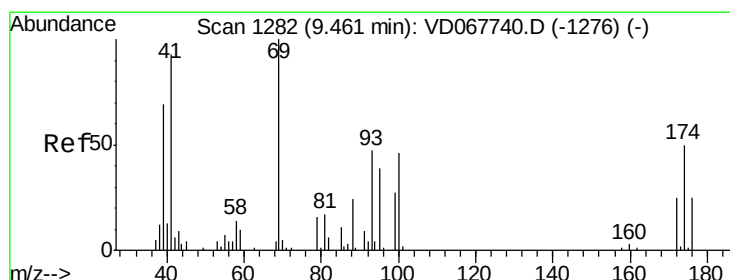
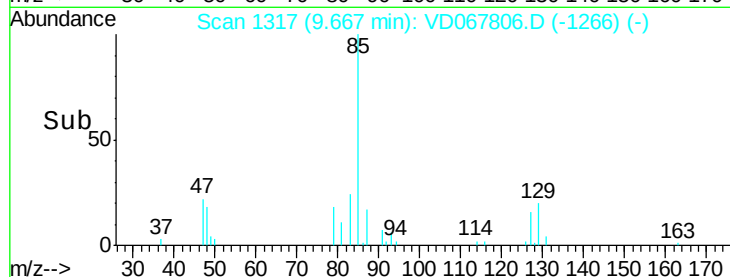
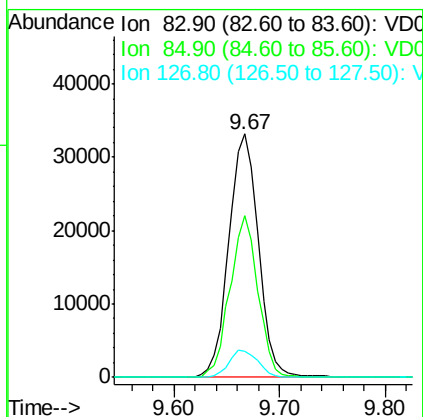
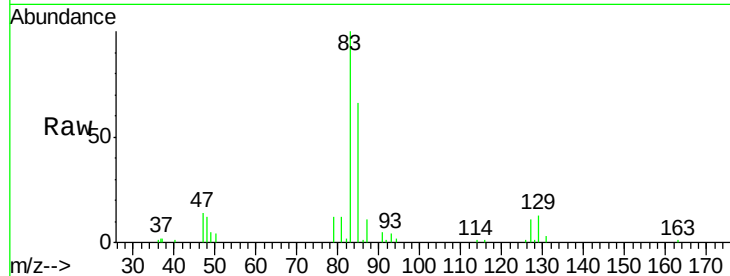
ClientSampleId :

VD1130SBS01

Tot Ion:	83	Resp:	64121
Ion	Ratio	Lower	Upper
83	100		
85	66.3	54.2	81.2
127	10.8	7.6	11.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.462 ug/l

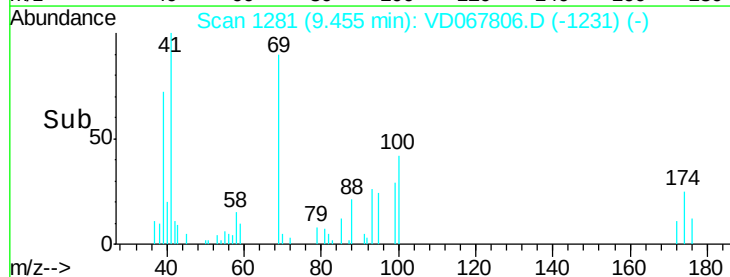
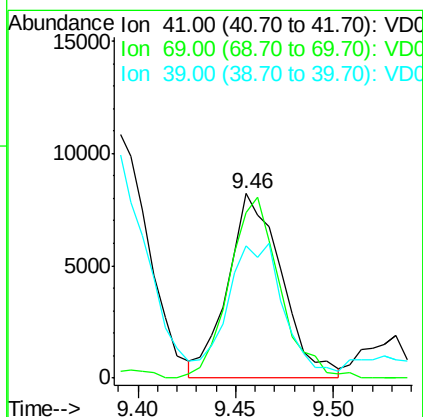
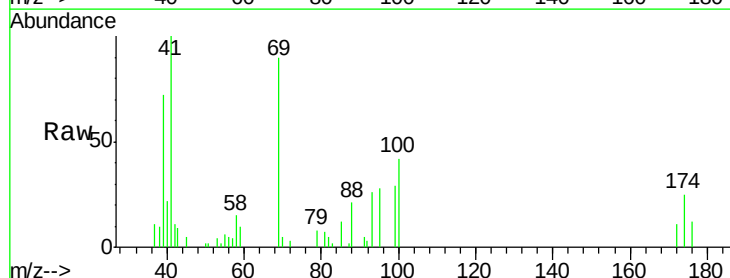
RT: 9.46 min Scan# 1281

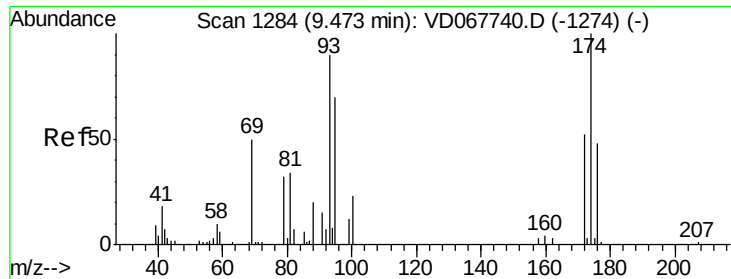
Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	41	Resp:	15713
Ion	Ratio	Lower	Upper
41	100		
69	92.1	87.8	131.6
39	68.3	60.5	90.7





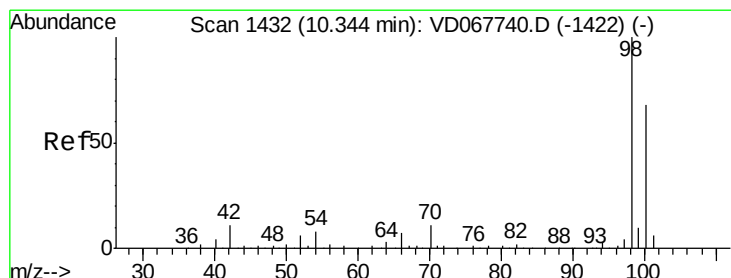
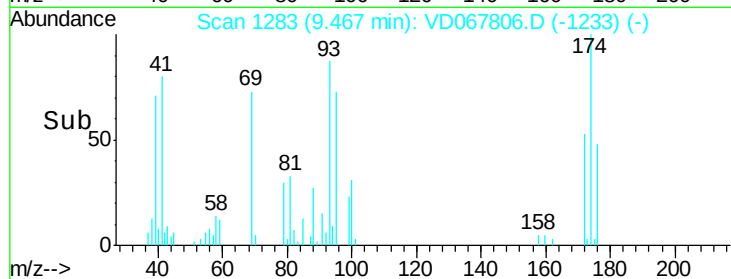
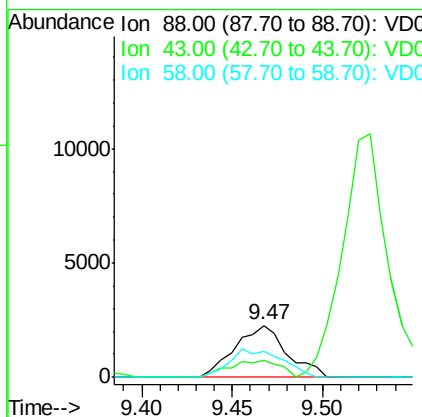
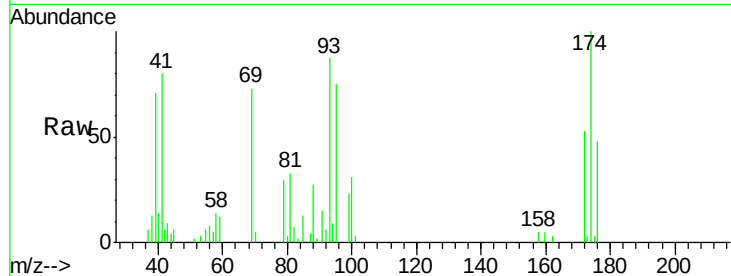
#49
1,4-Dioxane
Concen: 375.928 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.2	37.8
58	55.2	48.2	72.2

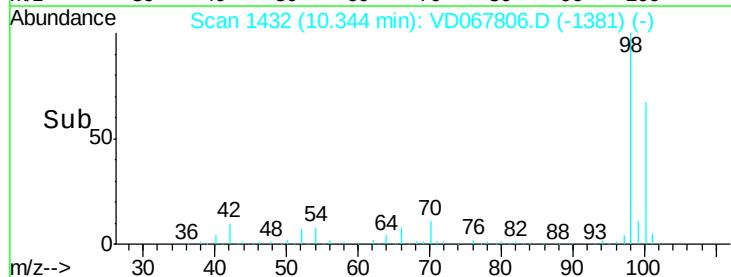
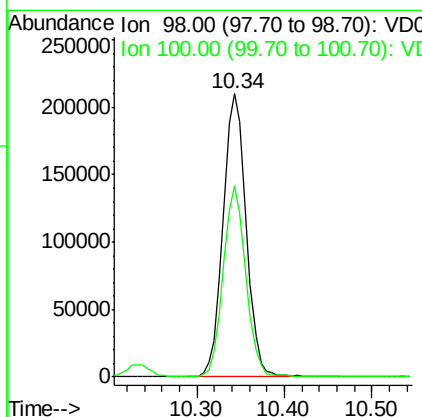
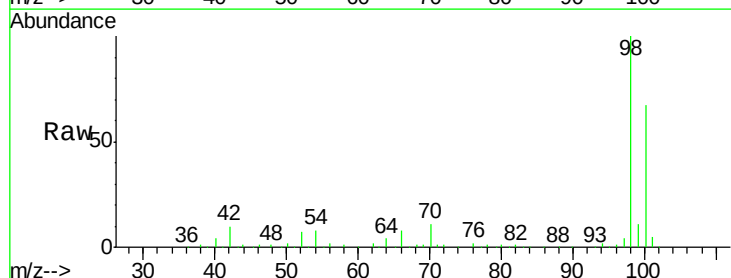
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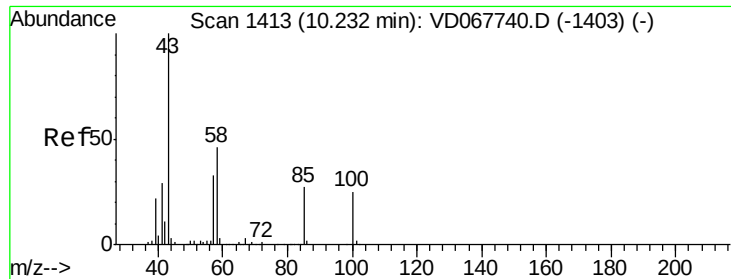
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#50
Toluene-d8
Concen: 49.442 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





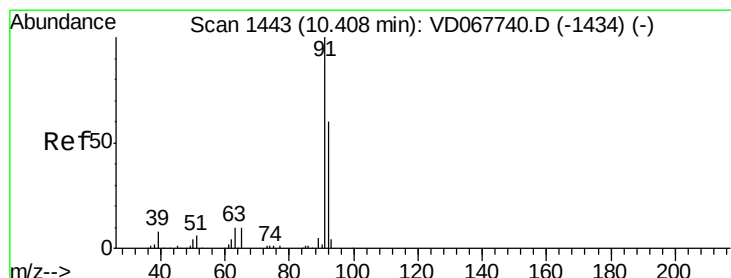
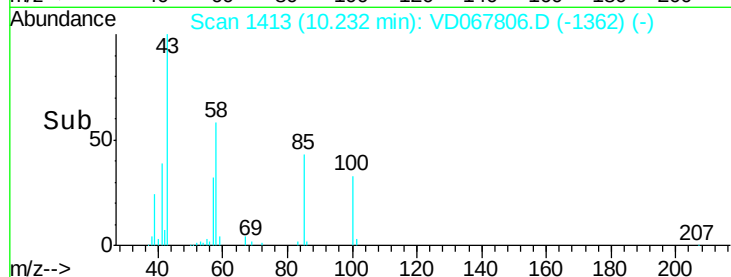
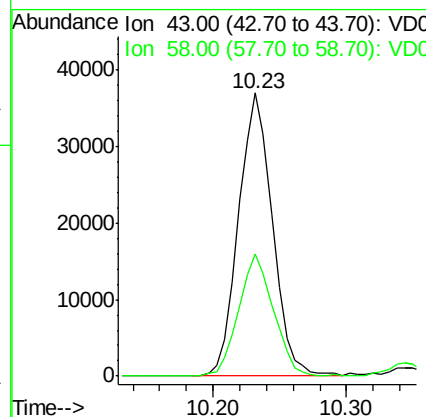
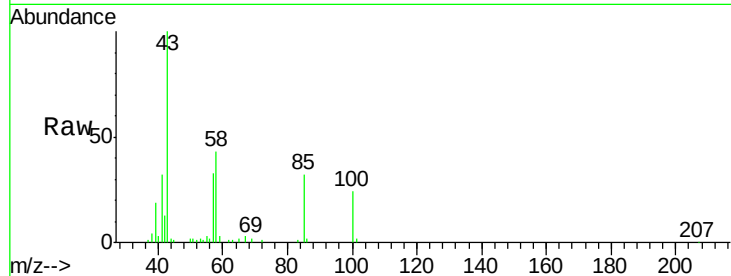
#51
4-Methyl-2-Pentanone
Concen: 90.081 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 43 Resp: 65107
Ion Ratio Lower Upper
43 100
58 44.0 34.7 52.1

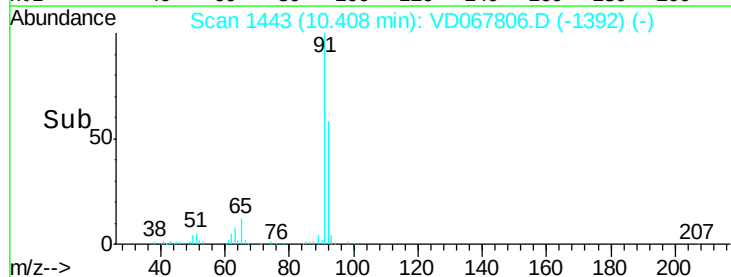
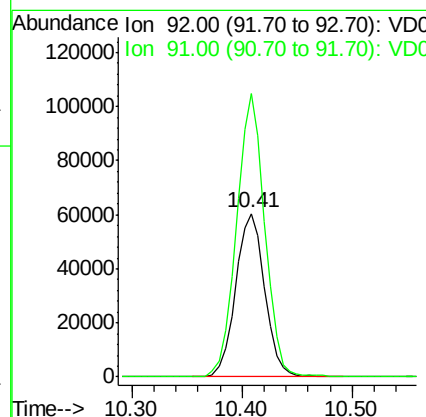
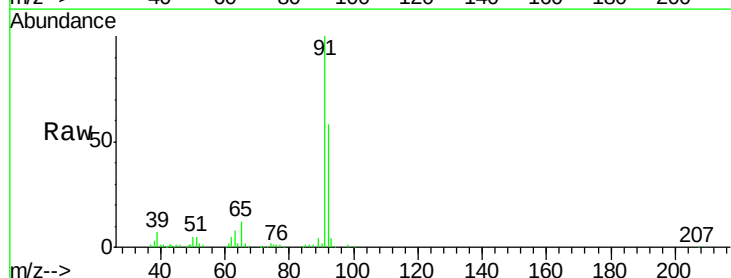
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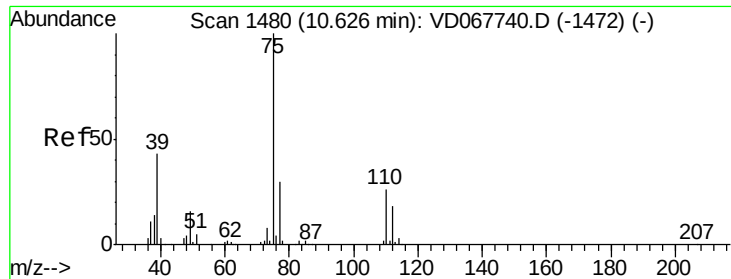
MMDadoda
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#52
Toluene
Concen: 20.932 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 92 Resp: 111556
Ion Ratio Lower Upper
92 100
91 167.6 135.4 203.0





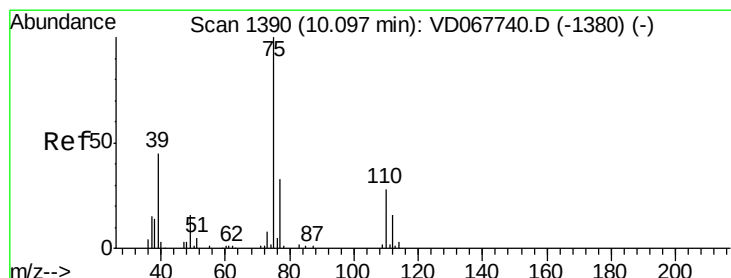
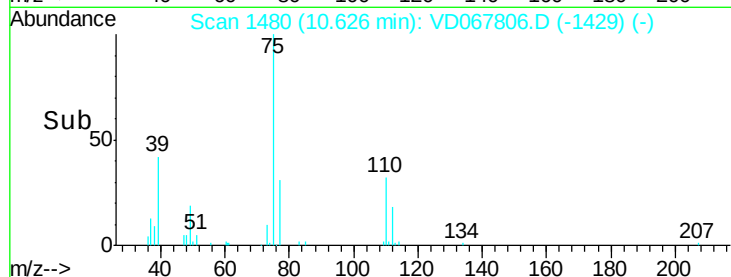
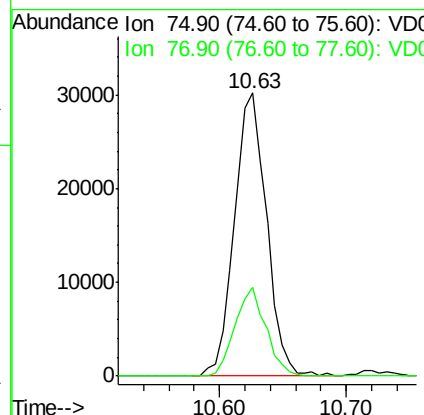
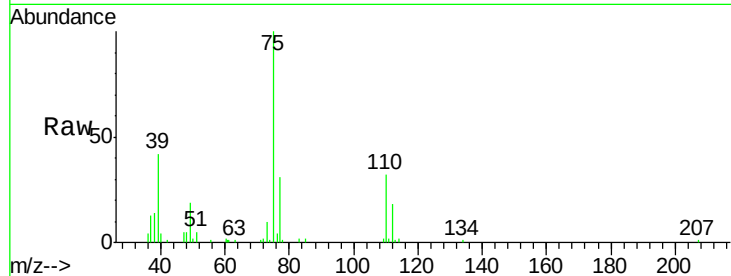
#53
t-1,3-Dichloropropene
Concen: 19.804 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 75 Resp: 52874
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4

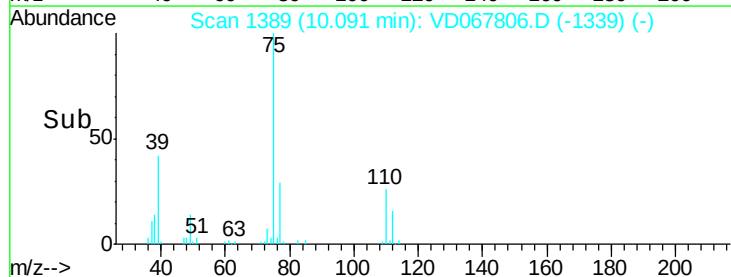
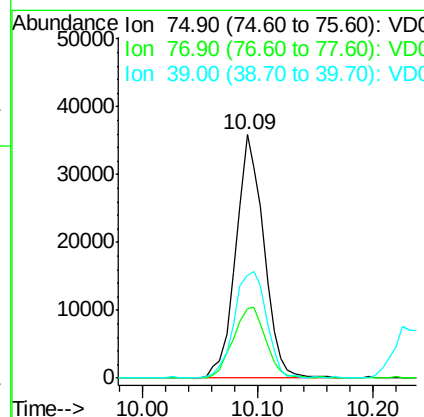
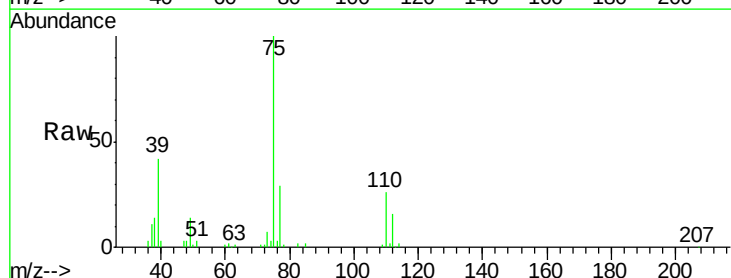
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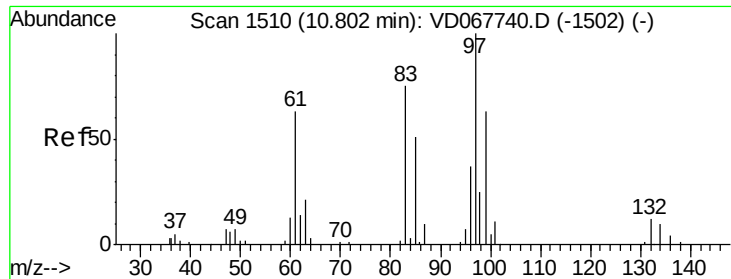
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#54
cis-1,3-Dichloropropene
Concen: 20.023 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 75 Resp: 60502
Ion Ratio Lower Upper
75 100
77 28.8 26.1 39.1
39 42.2 35.8 53.6





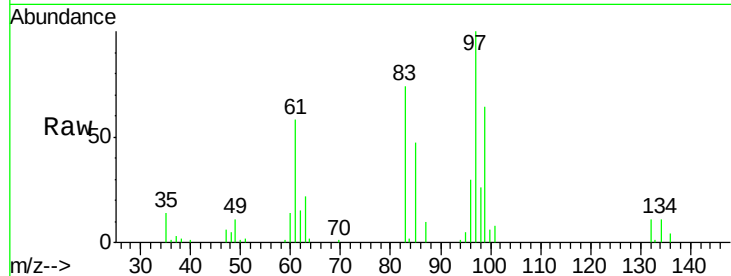
#55
 1,1,2-Trichloroethane
 Concen: 19.325 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

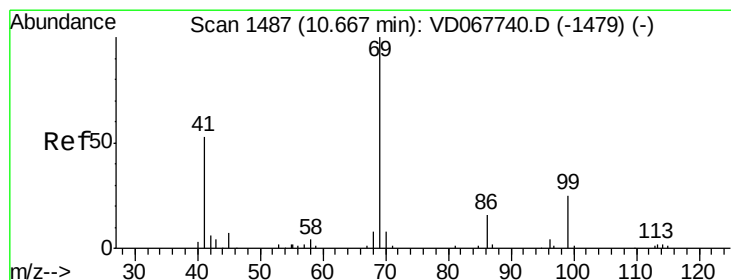
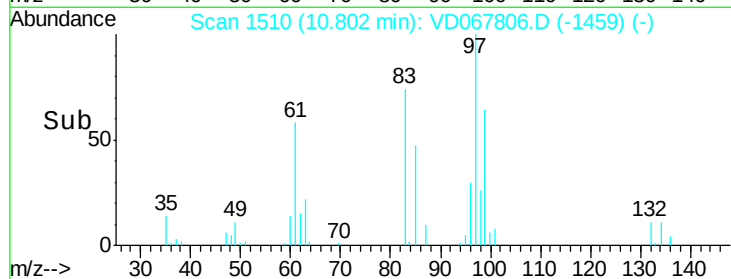
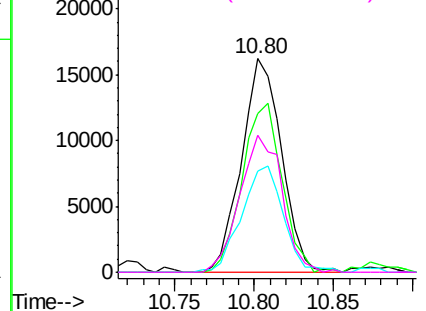
Tot Ion	97	Resp:	28456
Ion	Ratio	Lower	Upper
97	100		
83	74.2	60.2	90.4
85	47.1	40.5	60.7
99	64.4	50.6	76.0

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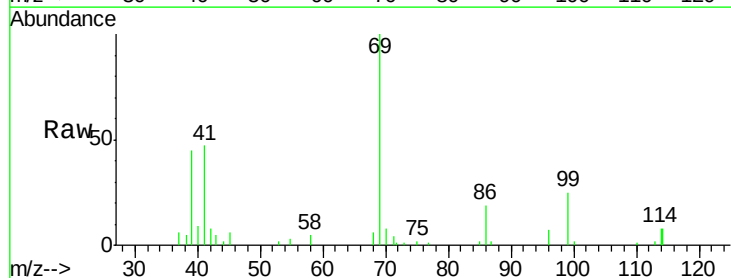


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

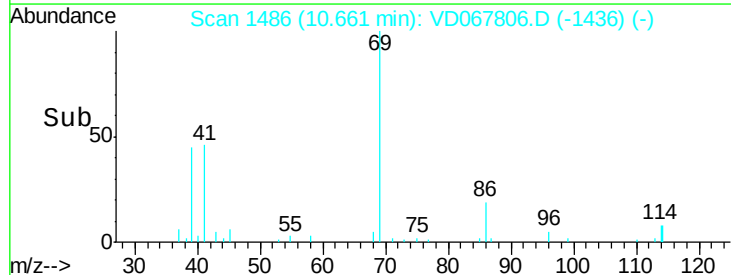
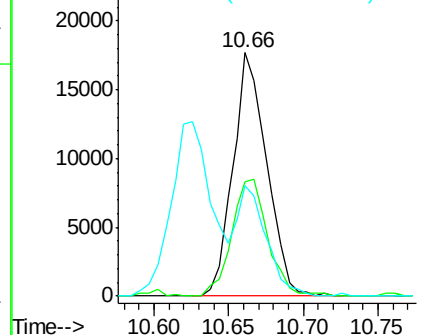


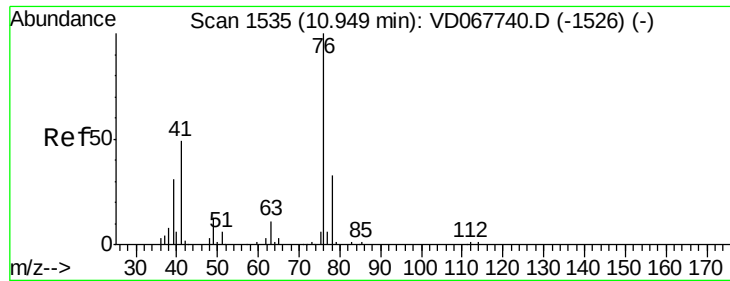
#56
 Ethyl methacrylate
 Concen: 18.324 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	69	Resp:	27935
Ion	Ratio	Lower	Upper
69	100		
41	51.4	43.4	65.0
39	40.1	29.6	44.4



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





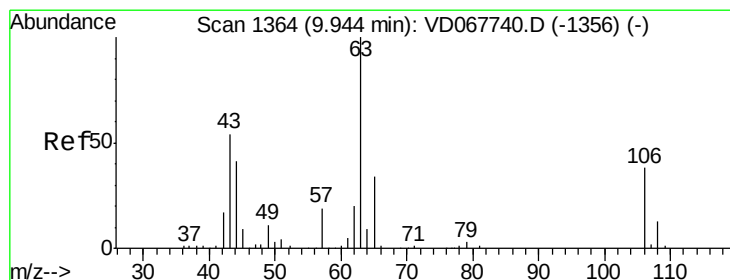
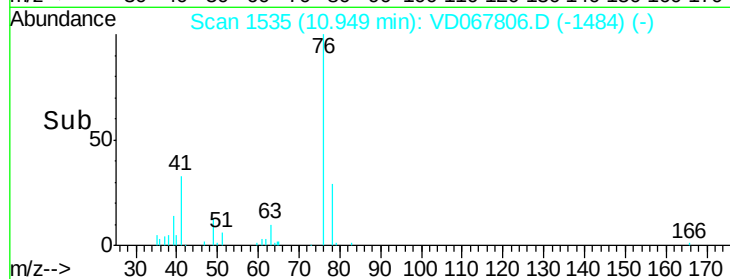
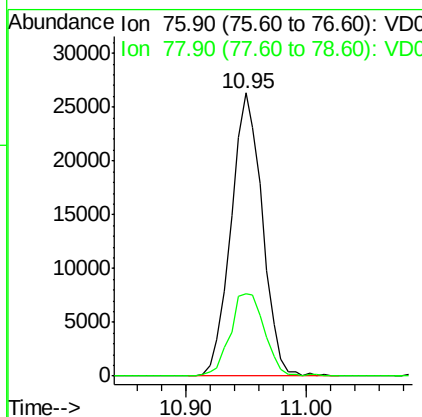
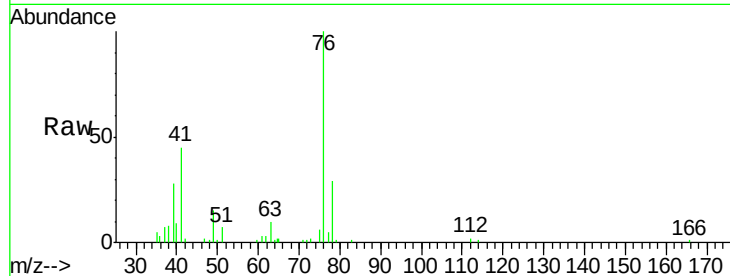
#57
 1,3-Dichloropropane
 Concen: 20.445 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion: 76 Resp: 47468
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

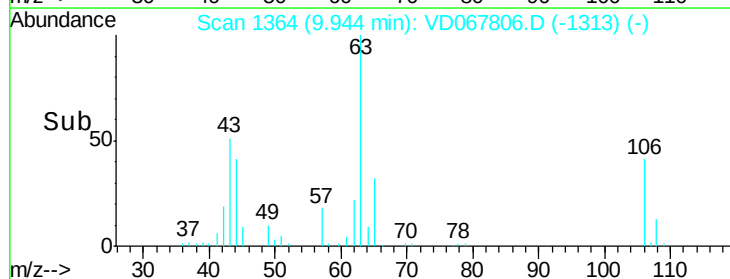
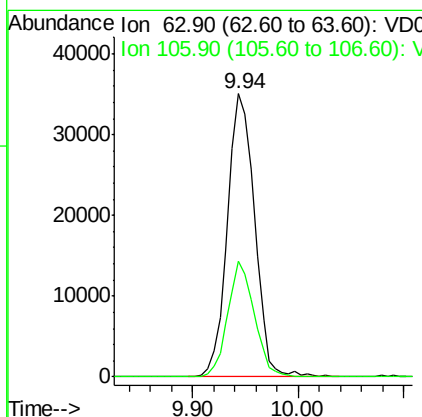
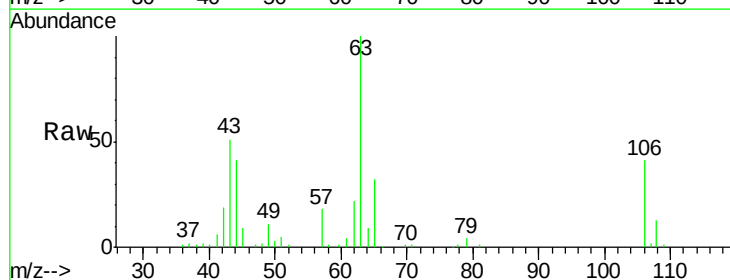
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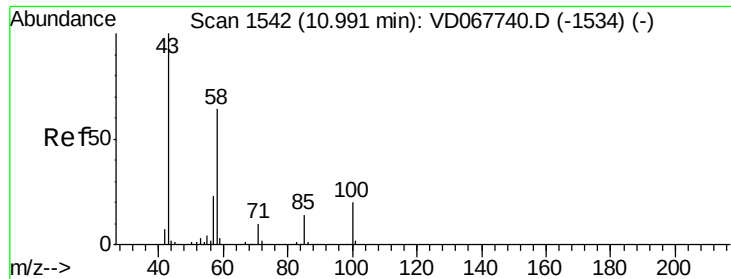
MMDadoda
 12/1/2020 12:43:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.351 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 63 Resp: 62222
 Ion Ratio Lower Upper
 63 100
 106 39.7 31.0 46.6





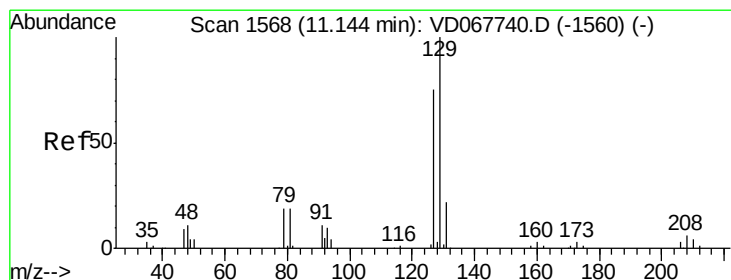
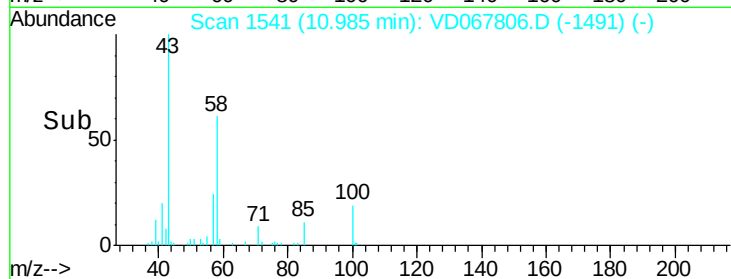
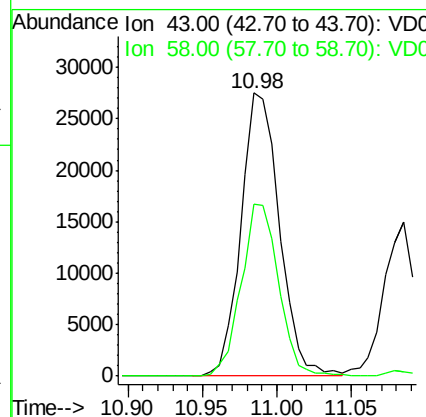
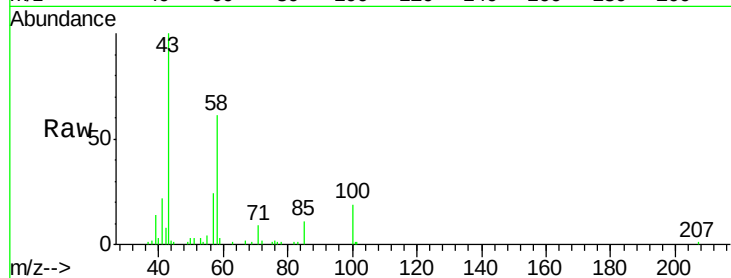
#59
2-Hexanone
Concen: 96.380 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 43 Resp: 49182
Ion Ratio Lower Upper
43 100
58 59.1 30.5 91.5

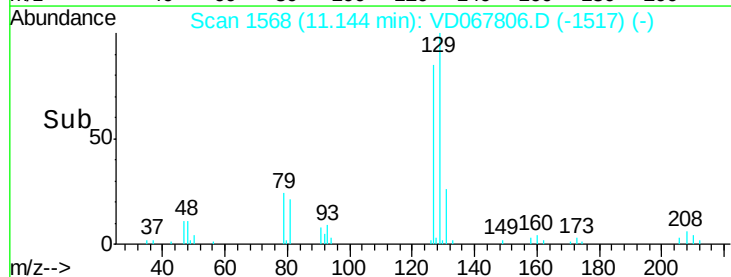
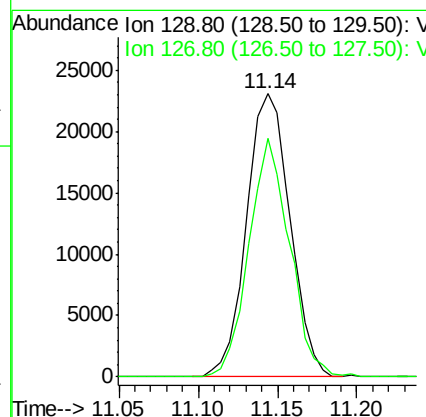
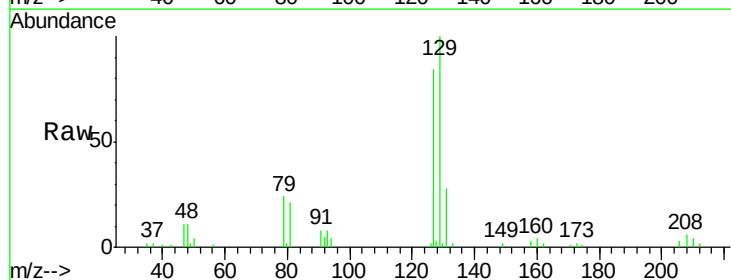
Manual Integrations
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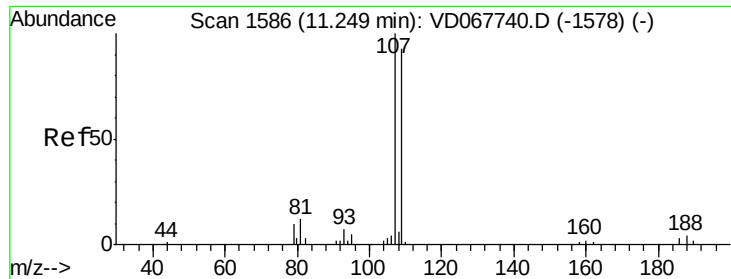
MMDadoda
12/1/2020 12:43:39 PM



#60
Dibromochloromethane
Concen: 19.622 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 129 Resp: 44029
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





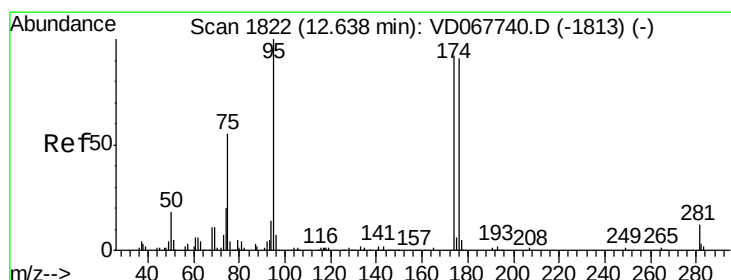
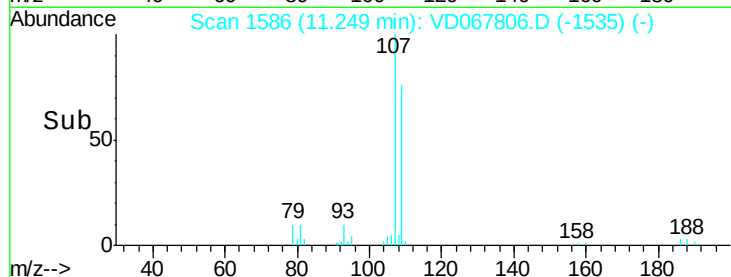
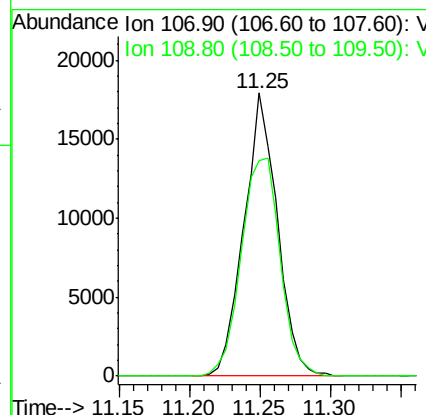
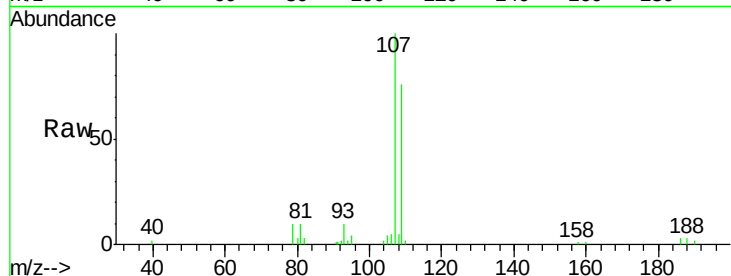
#61
1,2-Dibromoethane
Concen: 20.519 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	89.6	75.1	112.7

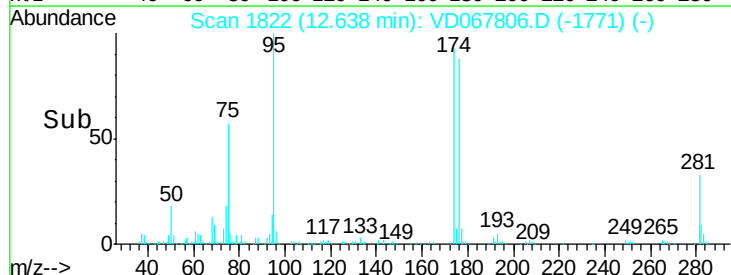
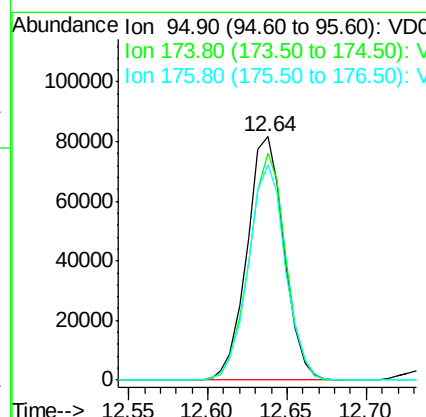
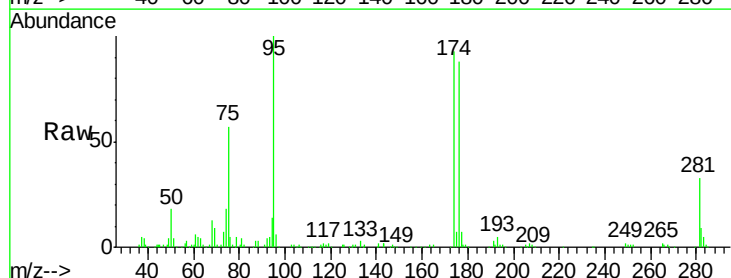
Manual Integrations
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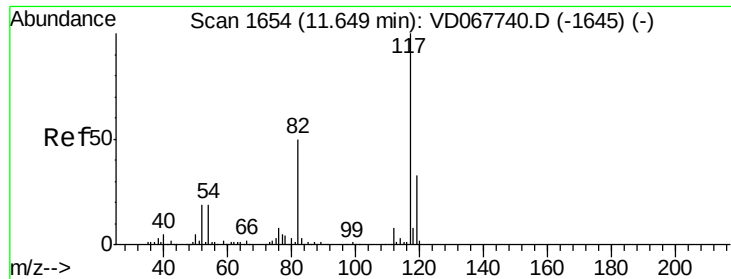
MMDadoda
12/1/2020 12:43:39 PM



#62
4-Bromofluorobenzene
Concen: 49.942 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	182.4
176	88.7	0.0	178.2





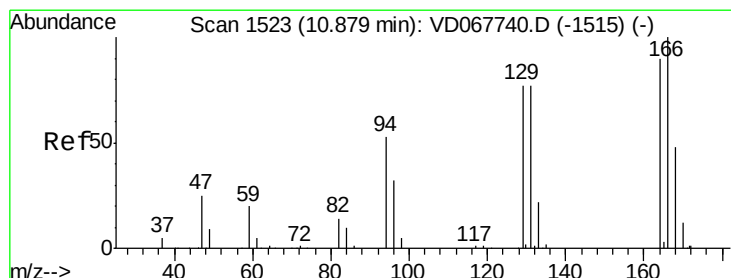
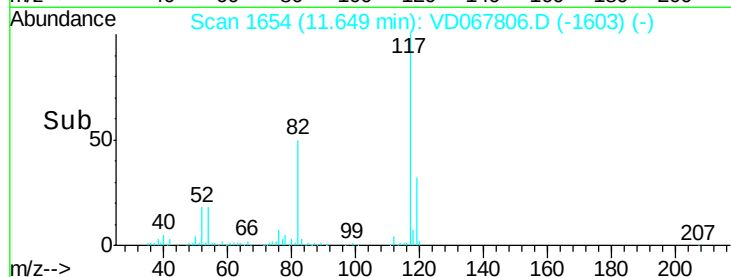
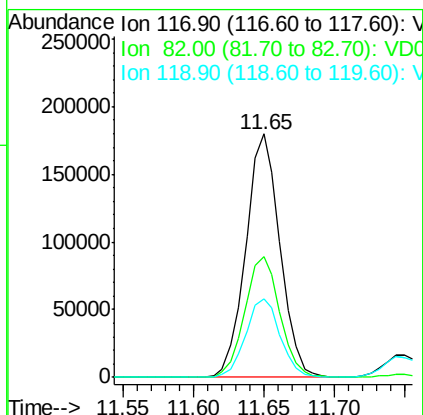
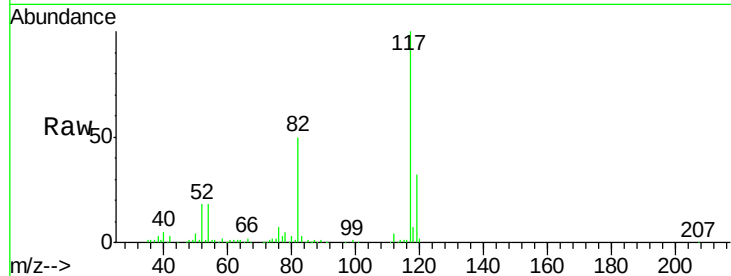
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305601		
82	49.7		40.2	60.4
119	32.4		26.5	39.7

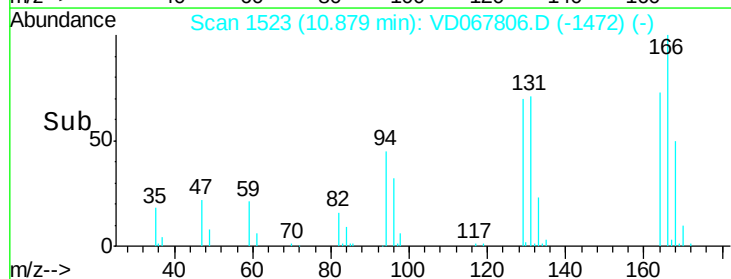
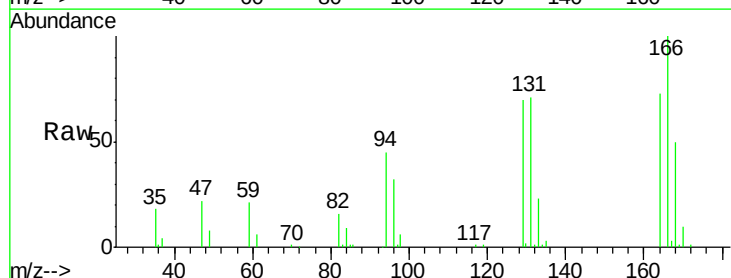
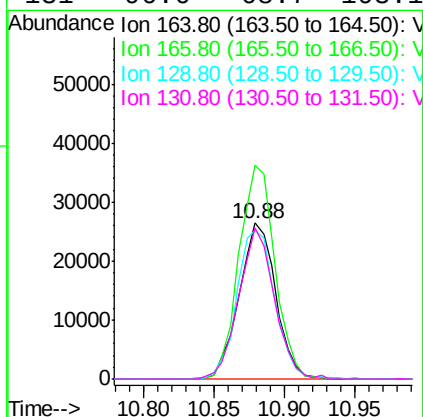
Manual Integrations
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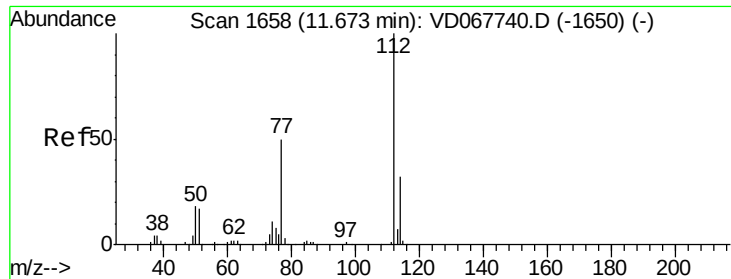
MMDadoda
12/1/2020 12:43:39 PM



#64
Tetrachloroethene
Concen: 20.214 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47945		
166	136.8		89.2	133.8#
129	95.5		68.4	102.6
131	96.6		68.7	103.1





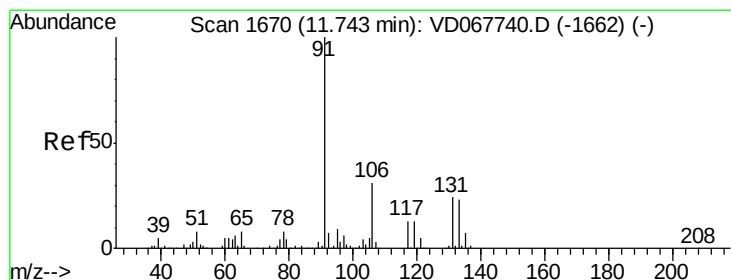
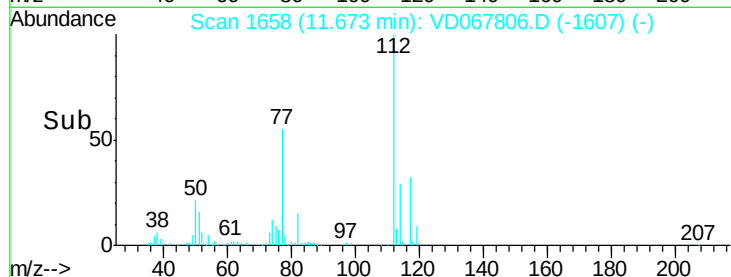
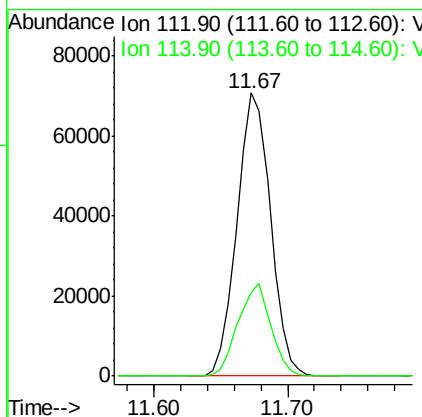
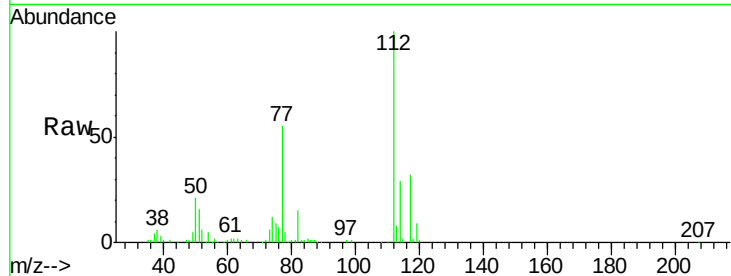
#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	123235		
114	29.4	25.8	38.8	

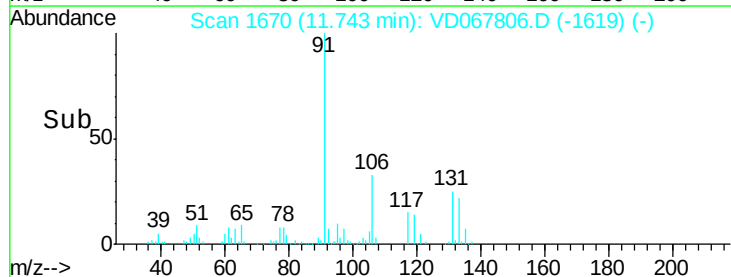
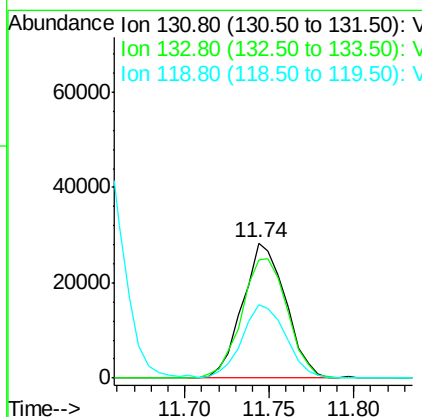
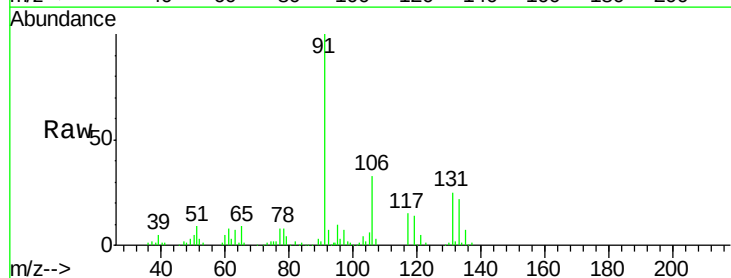
Manual Integrations
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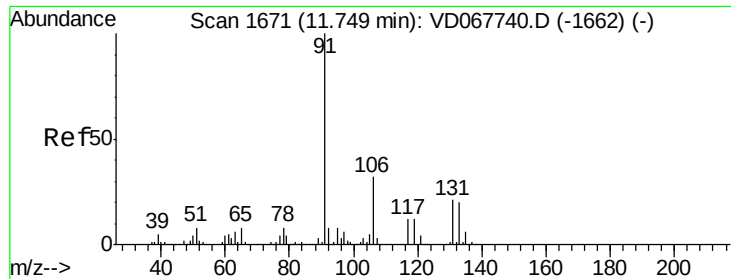
MMDadoda
12/1/2020 12:43:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.605 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	50063		
133	93.8	49.0	147.0	
119	55.6	28.8	86.5	





#67

Ethyl Benzene

Concen: 20.850 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 91 Resp: 216194

Ion Ratio Lower Upper

91 100

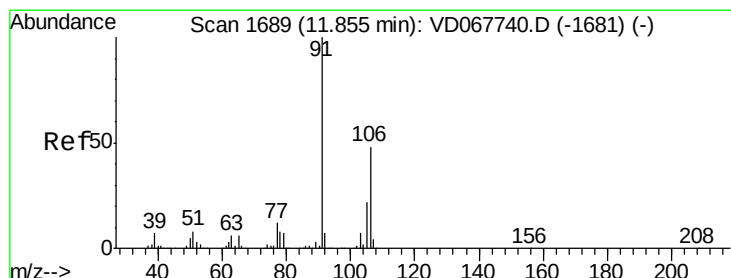
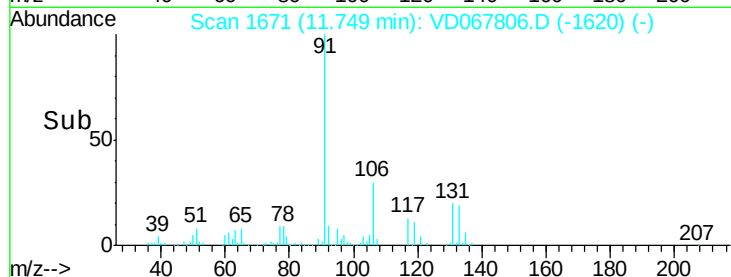
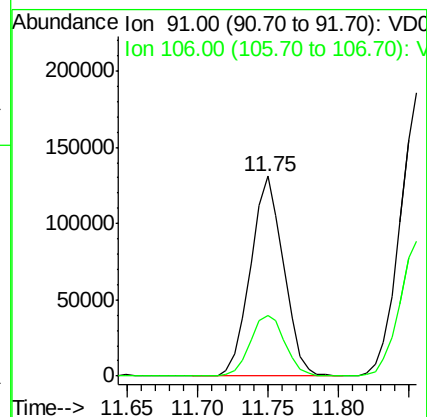
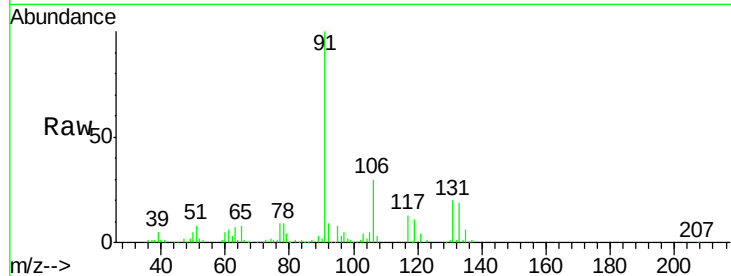
106 30.4 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.079 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067806.D

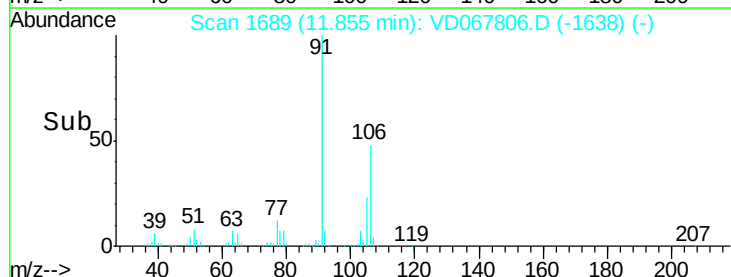
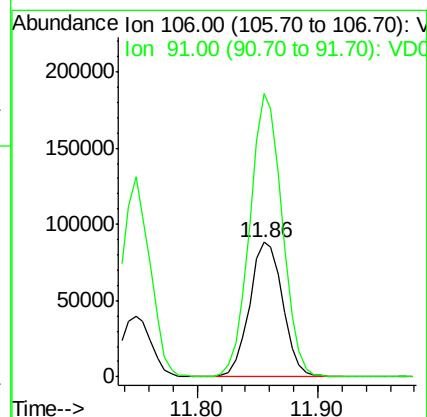
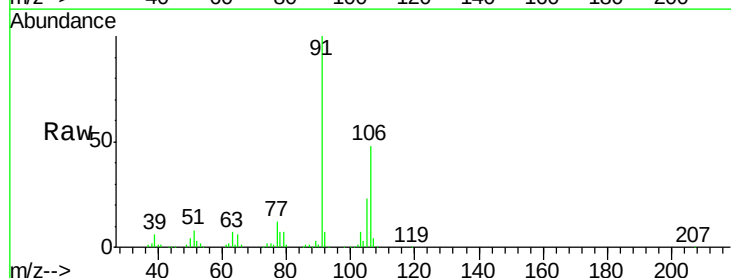
Acq: 30 Nov 2020 11:07

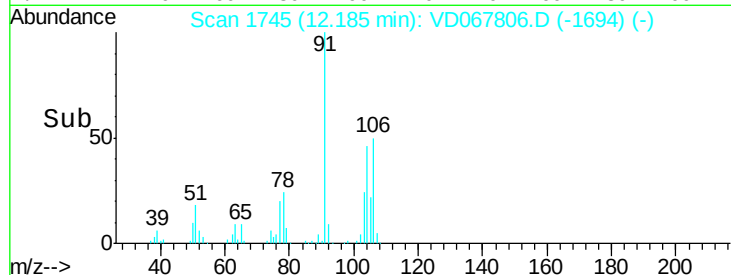
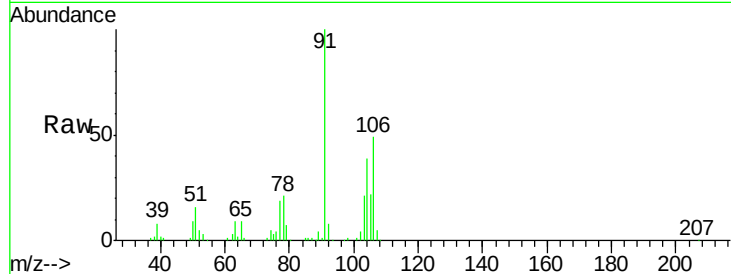
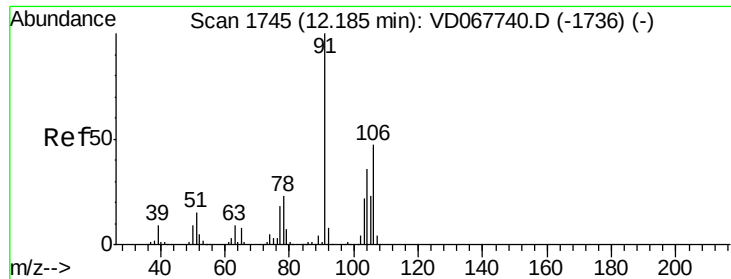
Tgt Ion: 106 Resp: 169796

Ion Ratio Lower Upper

106 100

91 205.1 163.0 244.6





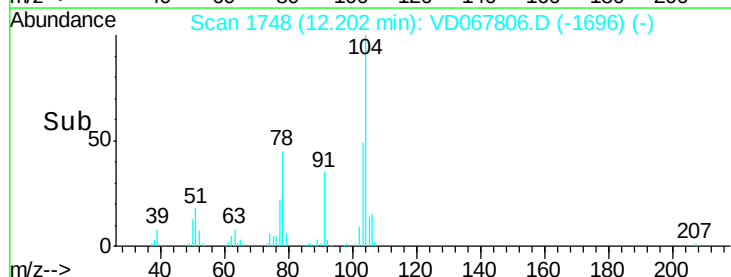
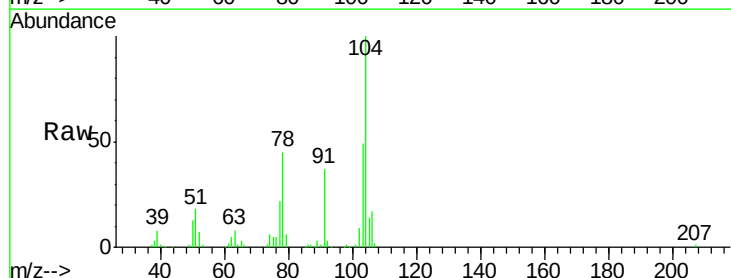
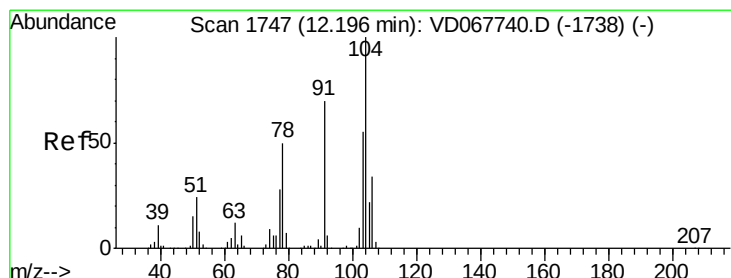
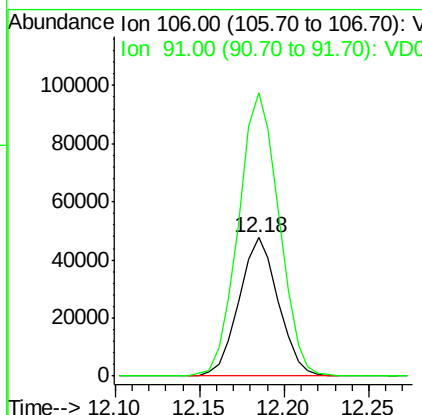
#69
o-Xylene
Concen: 21.012 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tot Ion:106 Resp: 77197
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.6

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

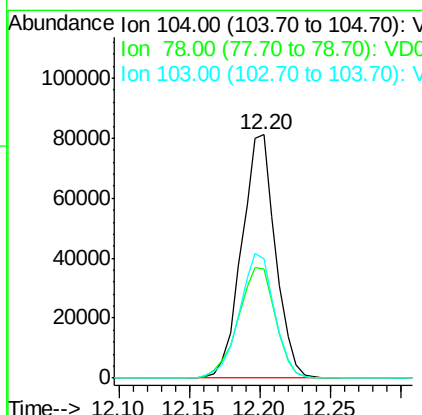
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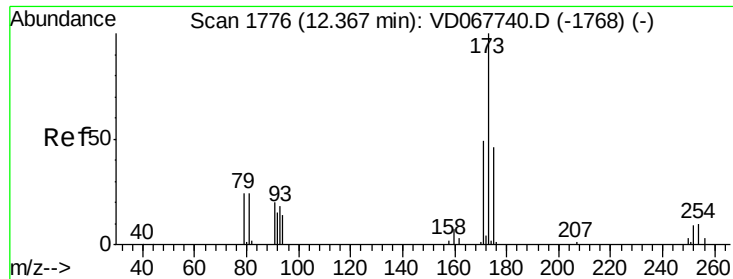
MMDadoda
12/1/2020 12:43:39 PM



#70
Styrene
Concen: 21.676 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:104 Resp: 135646
Ion Ratio Lower Upper
104 100
78 50.3 41.9 62.9
103 53.2 44.1 66.1





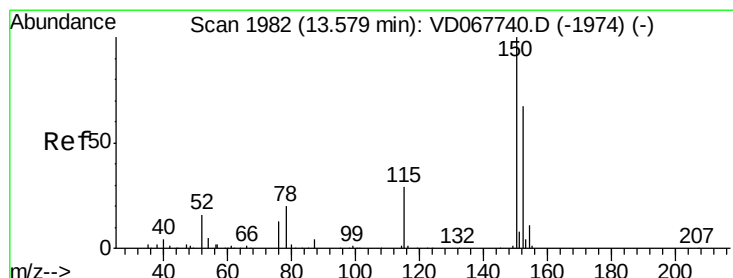
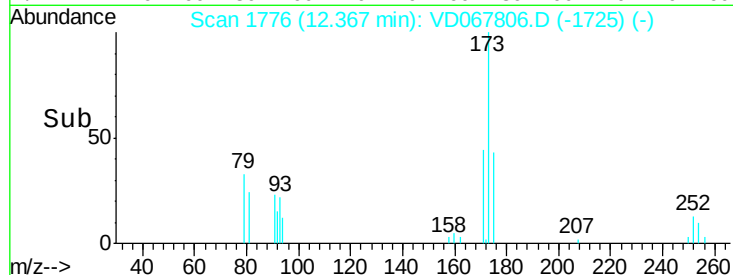
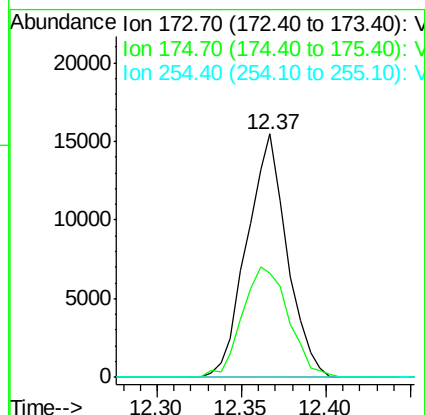
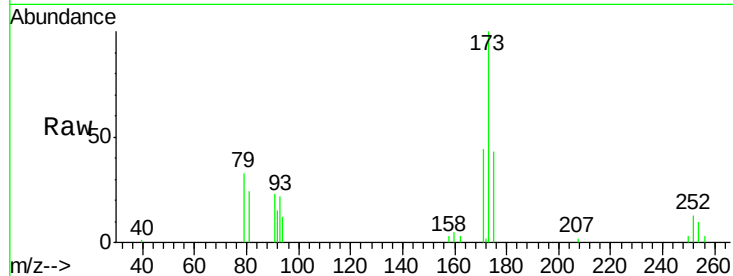
#71
Bromoform
Concen: 19.386 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.0	23.9	71.7
254	0.0	0.0	0.0

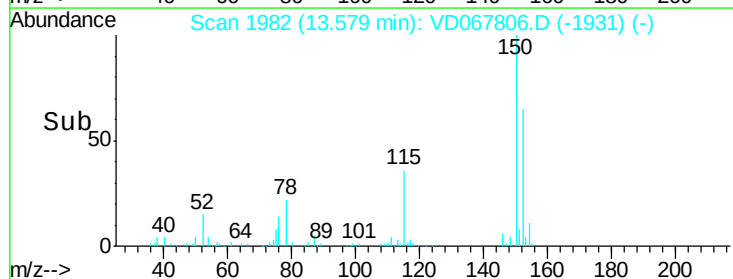
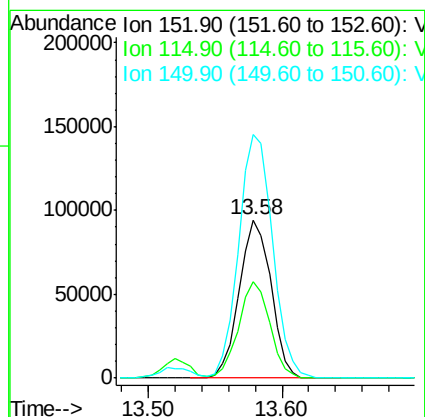
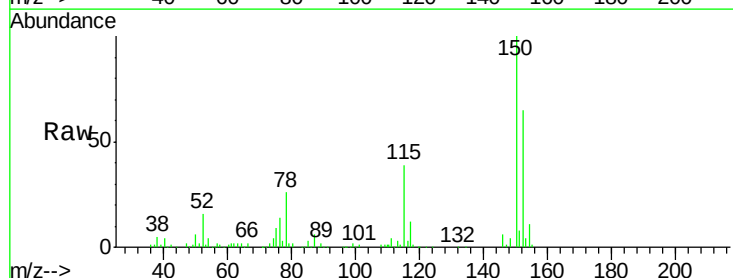
Manual Integrations
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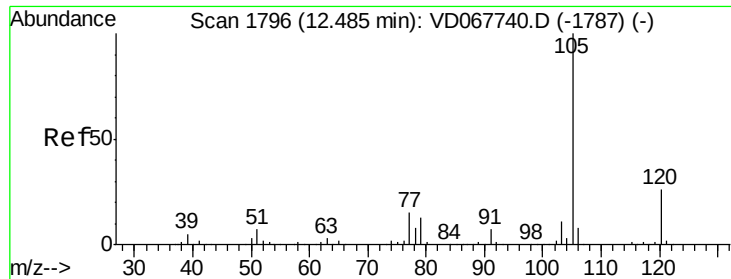
MMDadoda
12/1/2020 12:43:39 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.4	88.3
150	164.3	0.0	340.6





#73

Isopropylbenzene

Concen: 21.912 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion:105 Resp: 224335

Ion Ratio Lower Upper

105 100

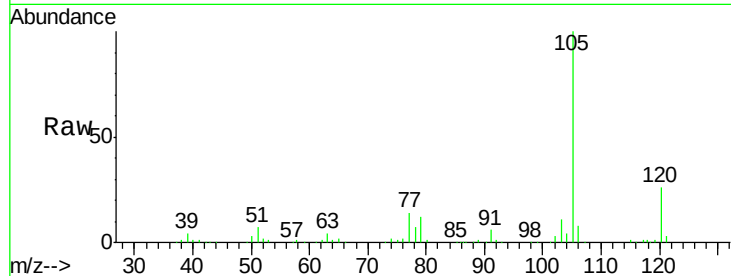
120 26.2 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

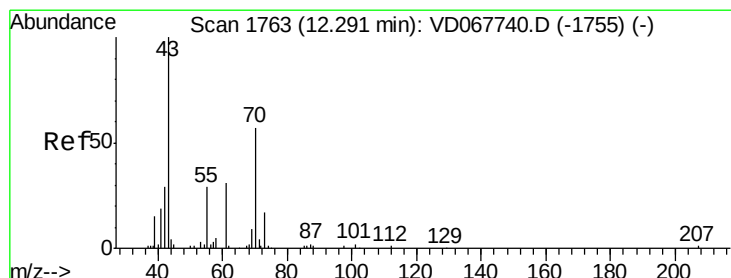
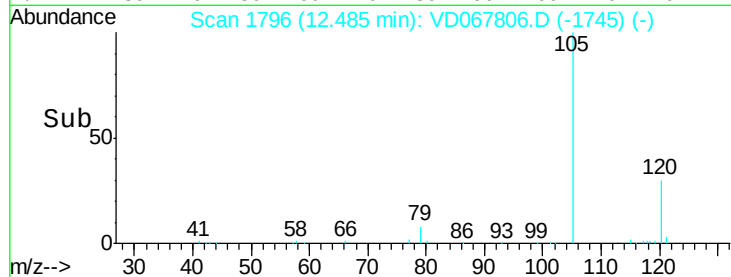
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 18.208 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion: 43 Resp: 24583

Ion Ratio Lower Upper

43 100

70 57.6 44.6 66.8

55 29.4 24.2 36.2

61 27.8 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

20000

15000

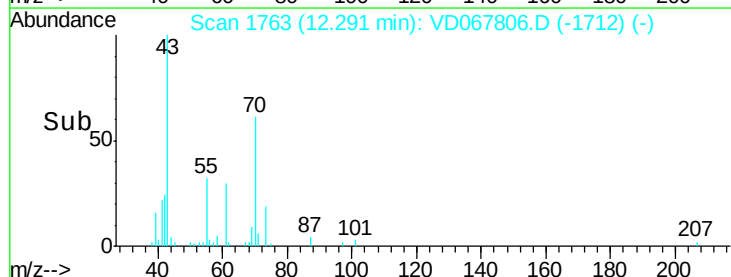
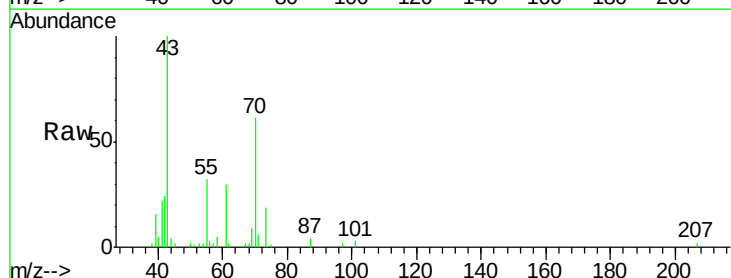
10000

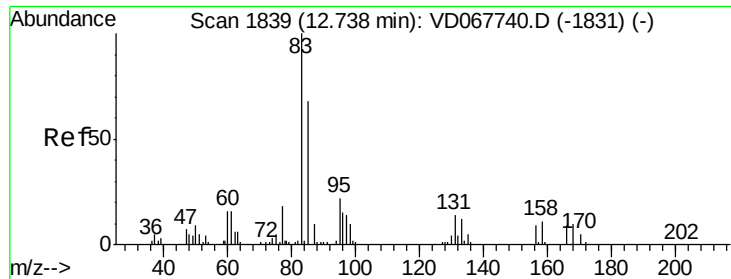
5000

0

12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.596 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

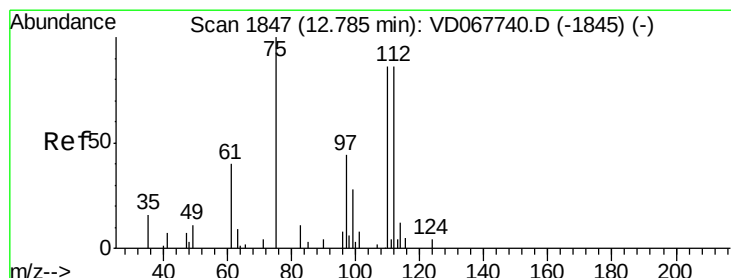
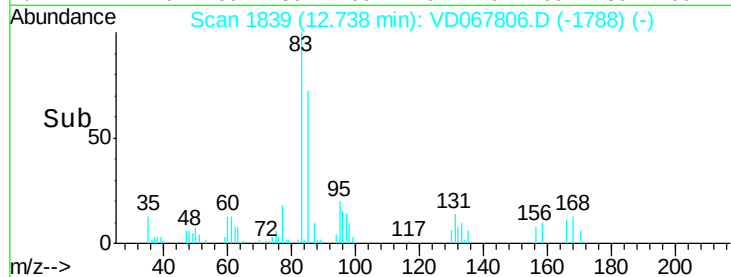
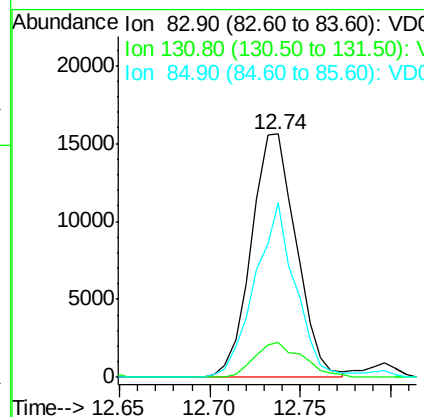
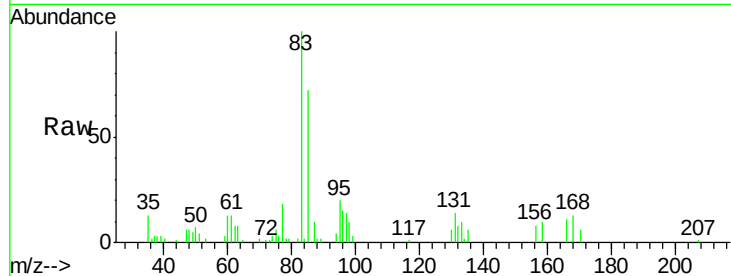
ClientSampleId :

VD1130SBS01

Tot Ion:	83	Resp:	26925
Ion Ratio	Lower	Upper	
83	100		
131	15.2	8.1	24.1
85	65.0	33.9	101.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.822 ug/l m

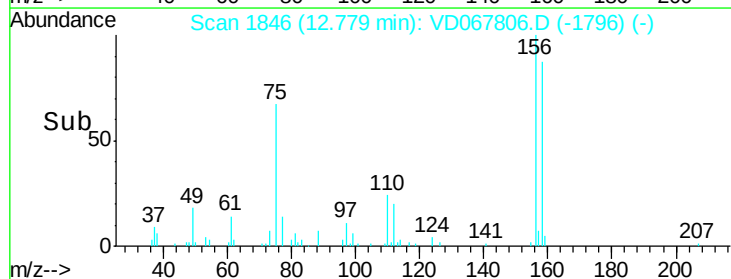
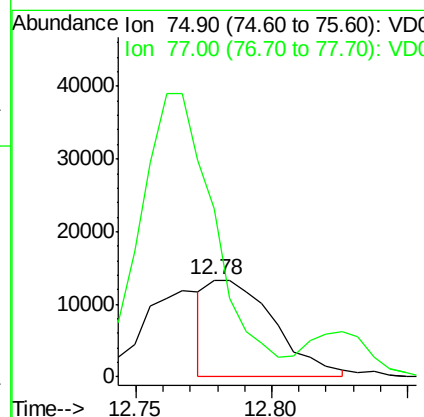
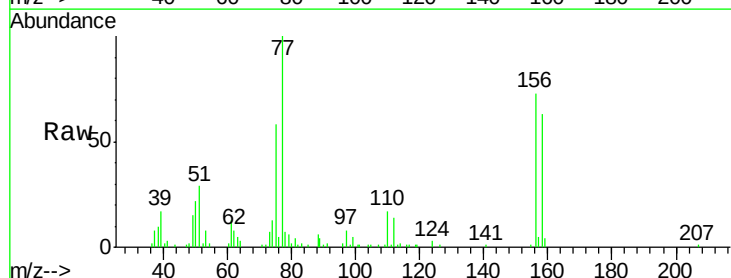
RT: 12.78 min Scan# 1846

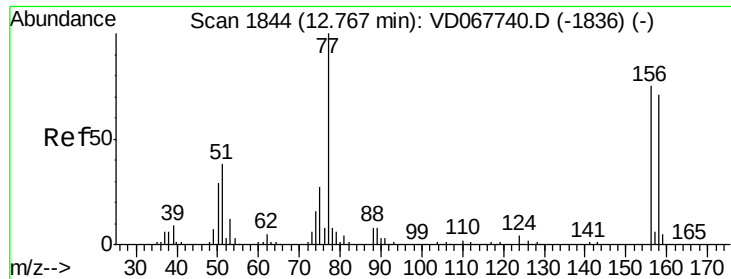
Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	75	Resp:	22581
Ion Ratio	Lower	Upper	
75	100		
77	333.5	0.0	0.0#





#77

Bromobenzene

Concen: 21.173 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

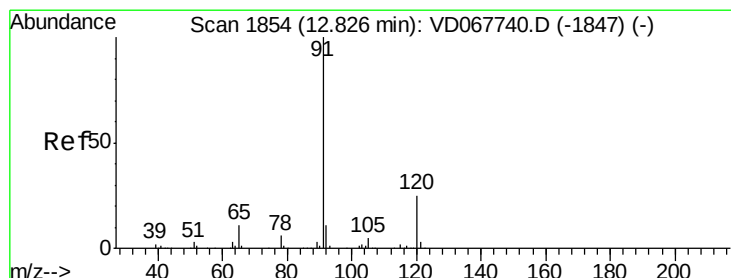
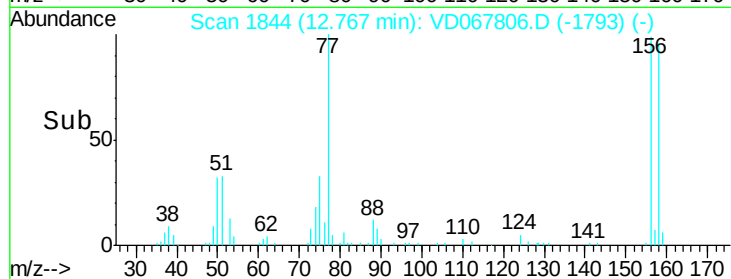
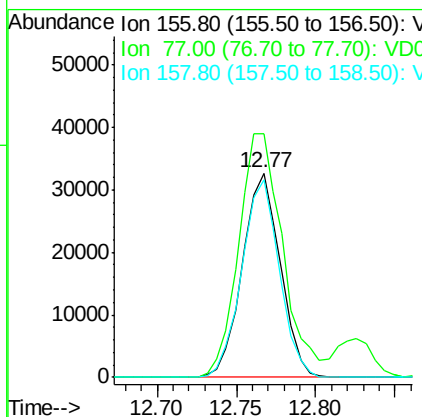
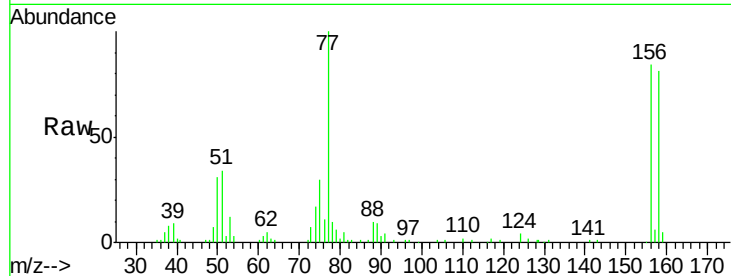
ClientSampleId :

VD1130SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	138.8	73.5	220.3	
158	95.8	48.1	144.4	

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#78

n-propylbenzene

Concen: 21.087 ug/l

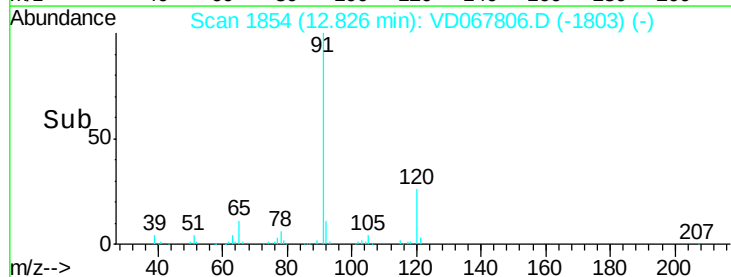
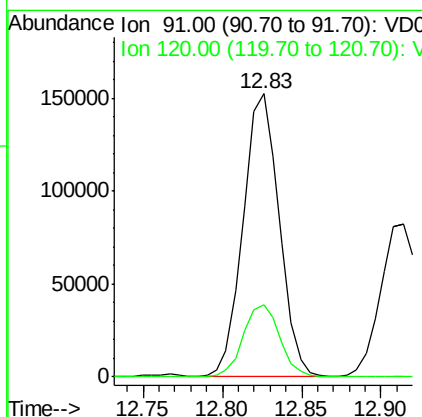
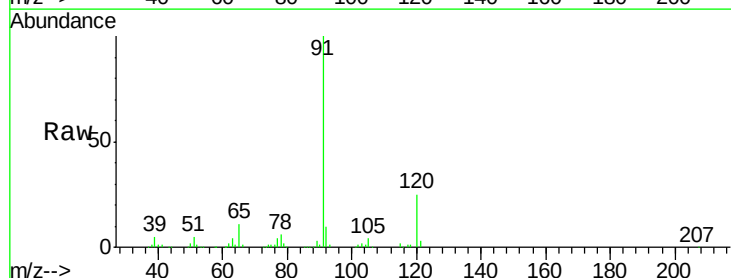
RT: 12.83 min Scan# 1854

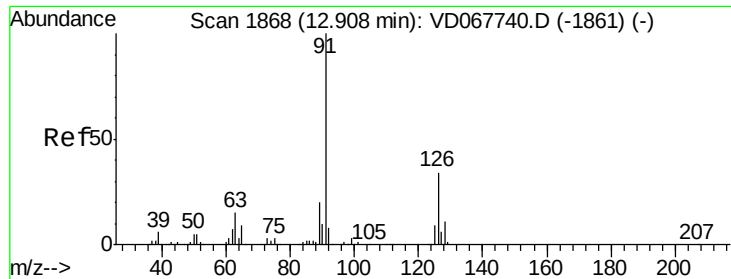
Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.8	12.4	37.4	





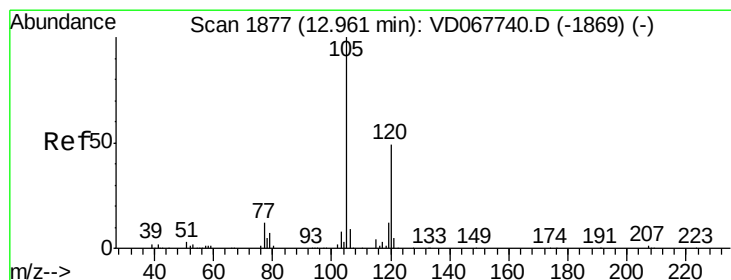
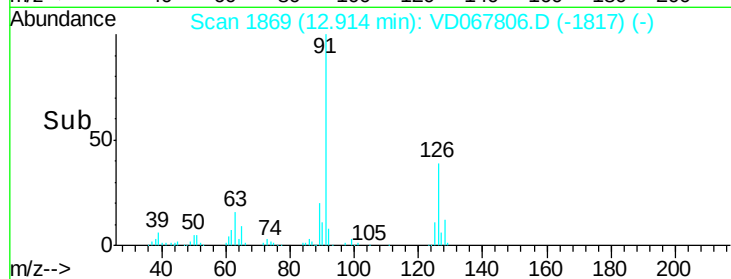
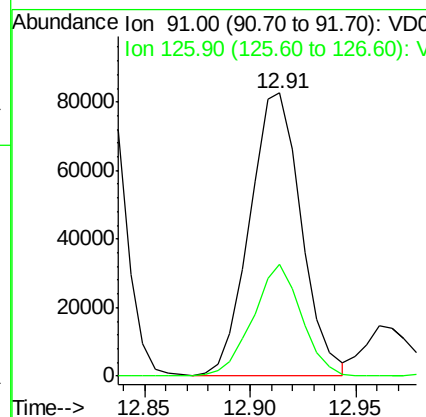
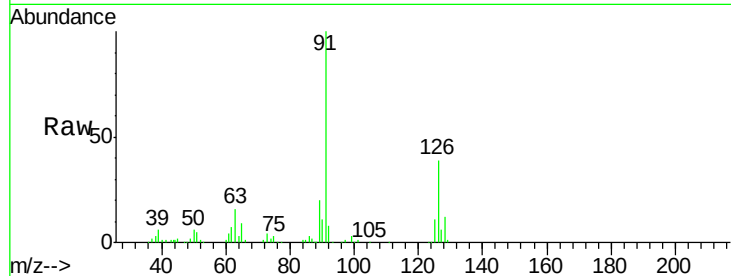
#79
2-Chlorotoluene
Concen: 20.705 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 91 Resp: 139626
Ion Ratio Lower Upper
91 100
126 37.3 17.9 53.7

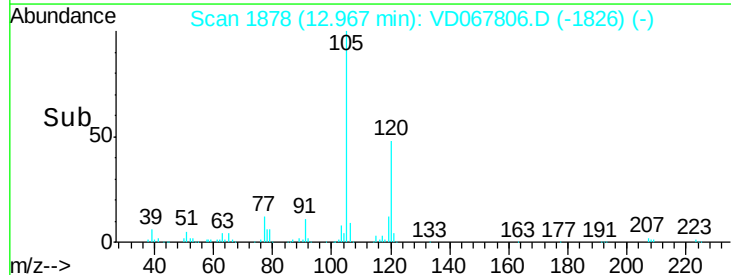
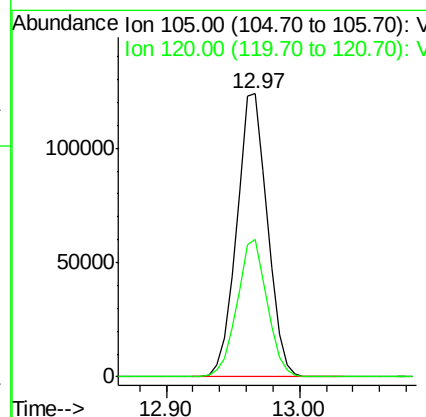
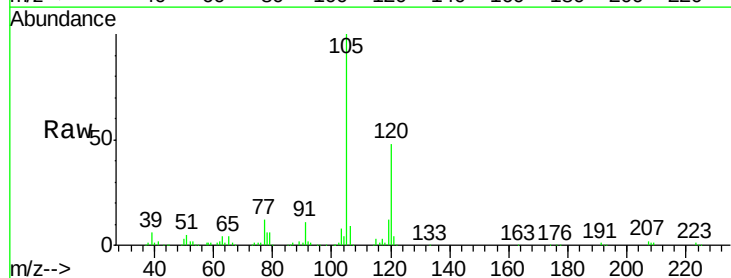
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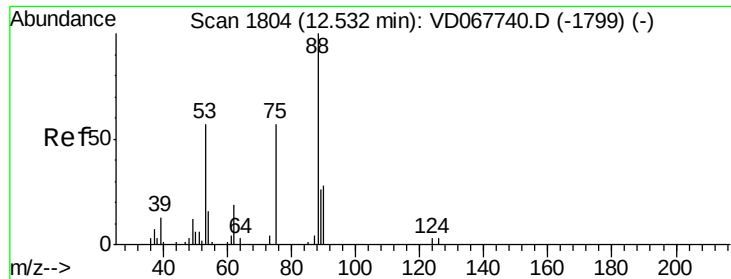
MMDadoda
12/1/2020 12:43:39 PM



#80
1,3,5-Trimethylbenzene
Concen: 22.154 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 105 Resp: 197275
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





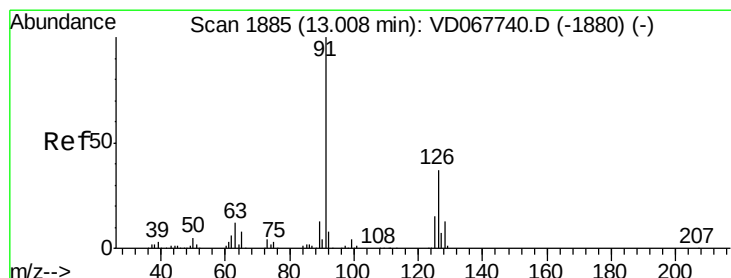
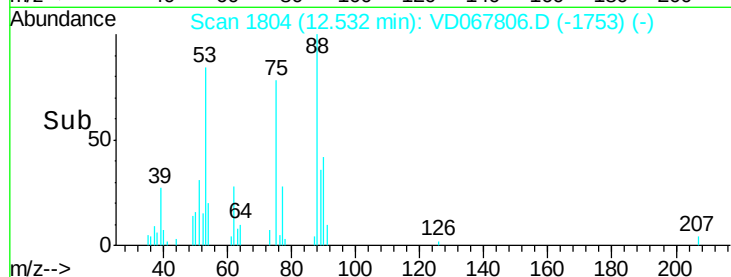
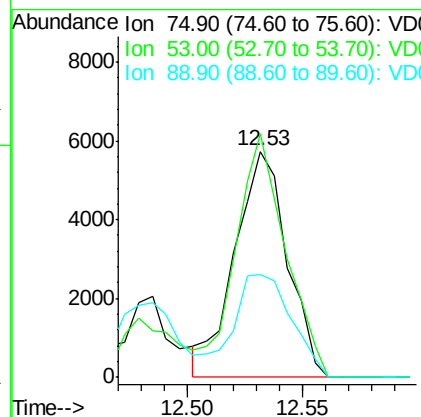
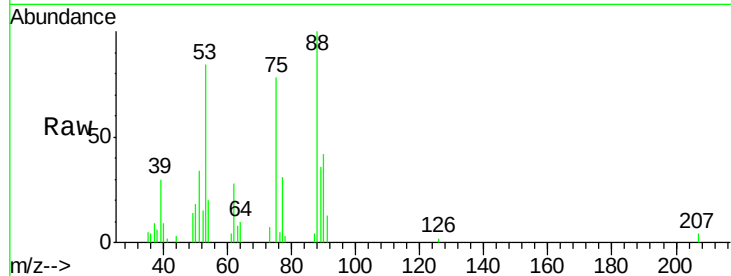
#81
trans-1,4-Dichloro-2-butene
Concen: 19.570 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	76.0	114.0
89	49.1	40.2	60.4

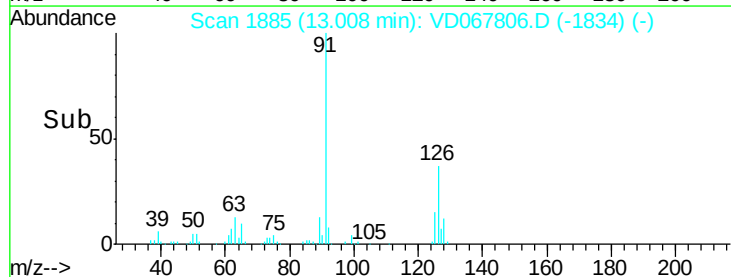
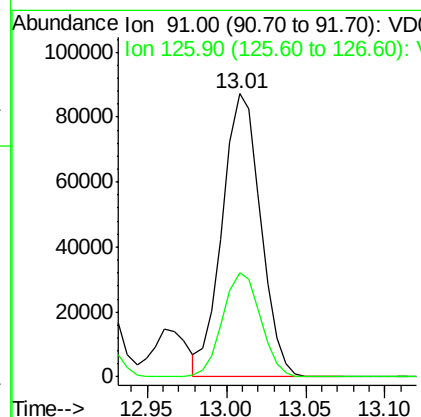
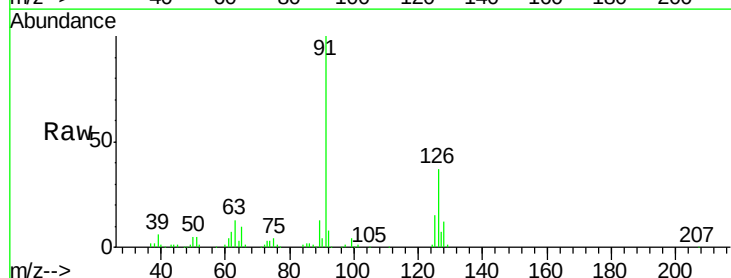
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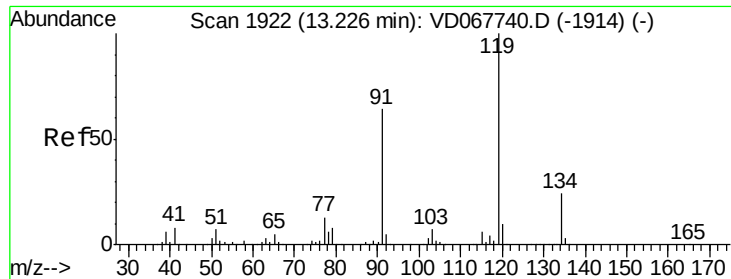
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.425 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.7	53.1





#83

tert-Butylbenzene

Concen: 21.497 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

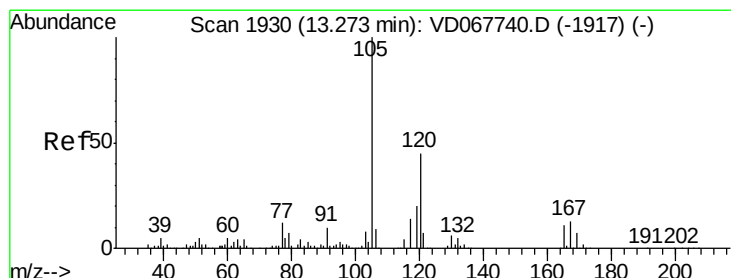
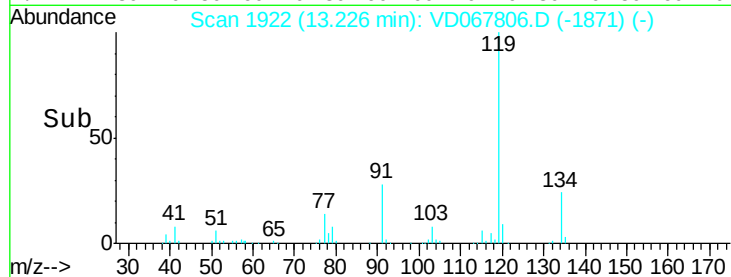
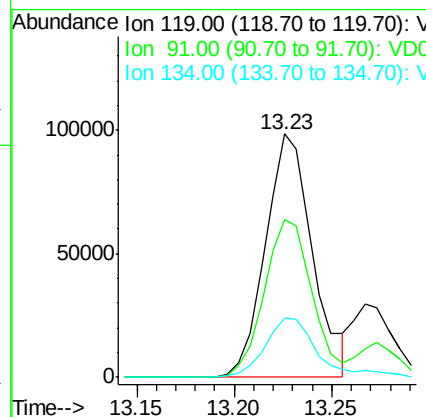
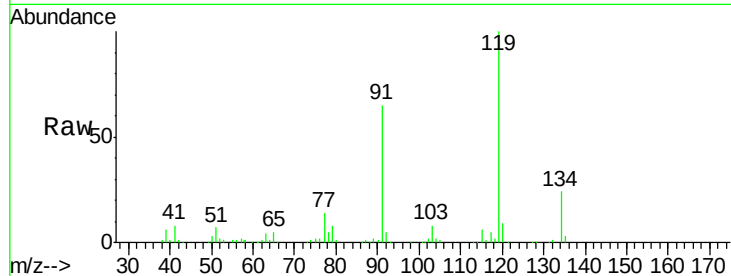
ClientSampleId :

VD1130SBS01

Tot Ion:	119	Resp:	164491
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.7
134	27.3	12.9	38.6

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#84

1,2,4-Trimethylbenzene

Concen: 22.042 ug/l

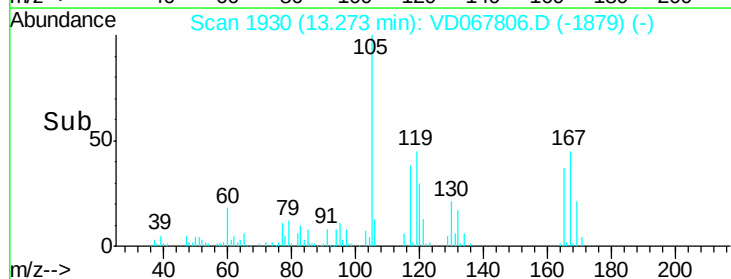
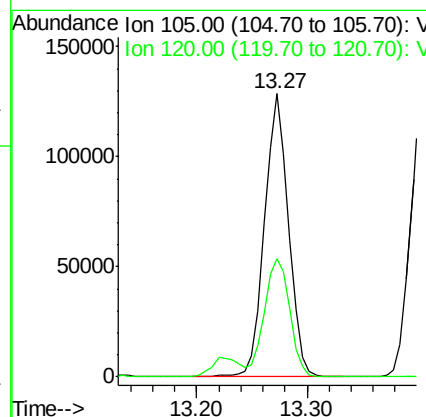
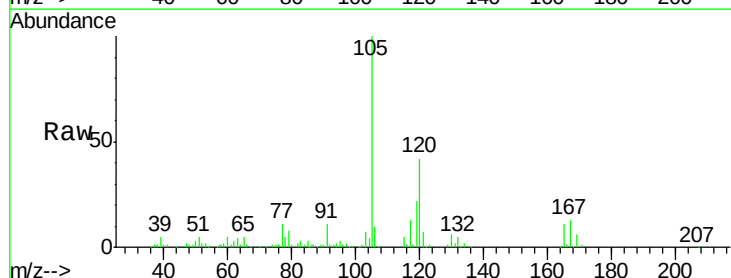
RT: 13.27 min Scan# 1930

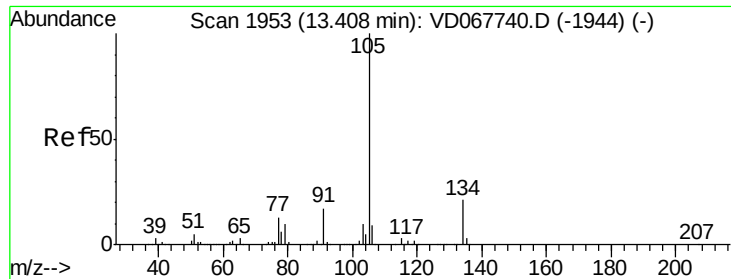
Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion:	105	Resp:	196070
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.938 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion:105 Resp: 210478

Ion Ratio Lower Upper

105 100

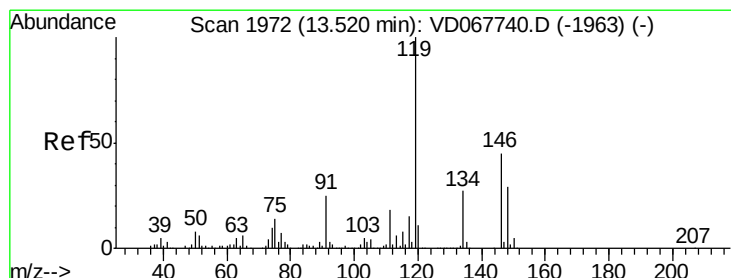
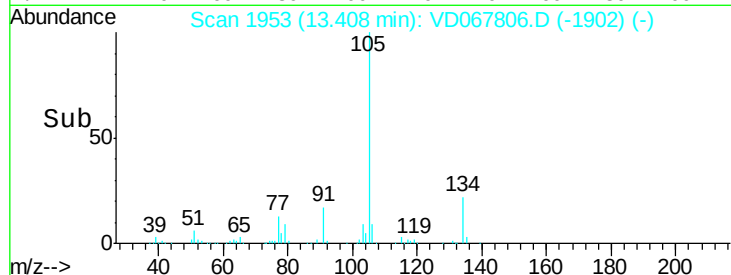
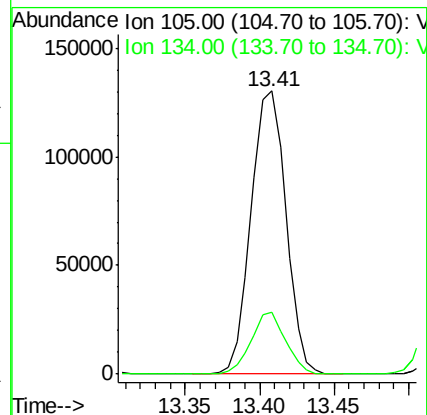
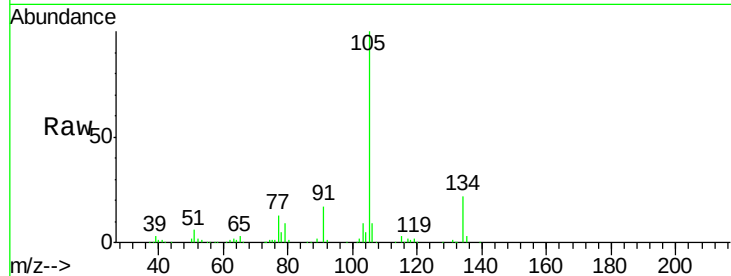
134 21.6 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 21.109 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

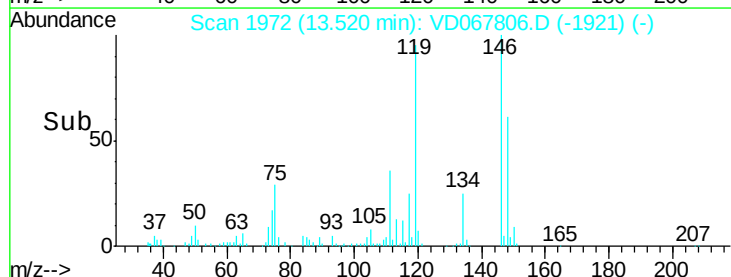
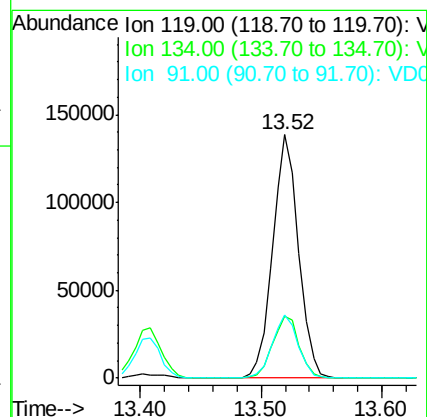
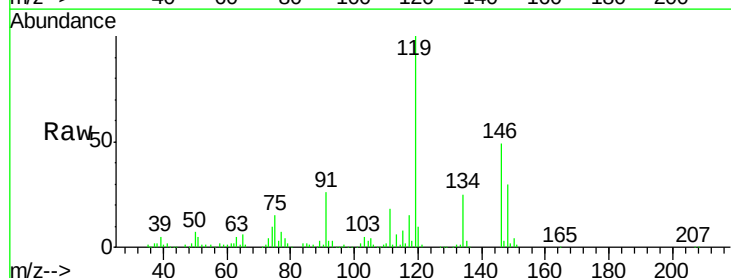
Tgt Ion:119 Resp: 205530

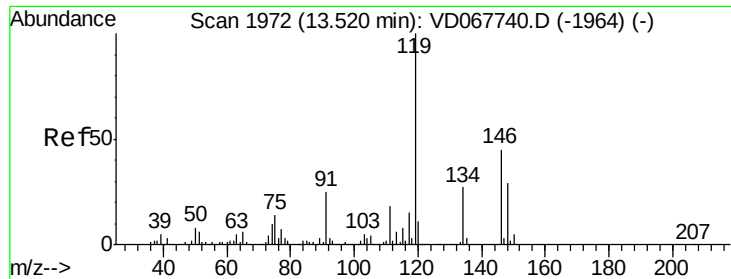
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 25.9 12.7 38.1





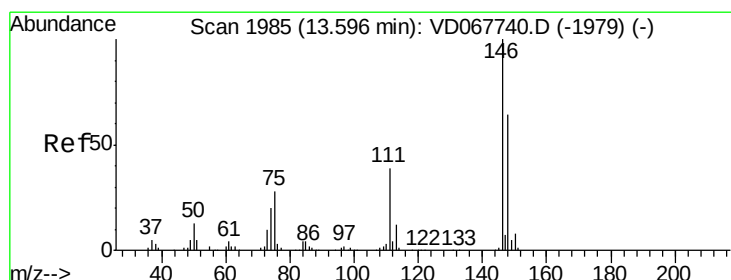
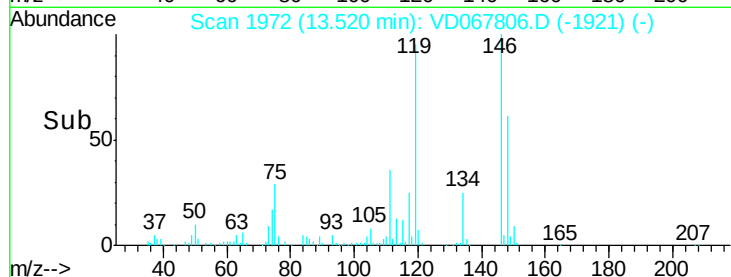
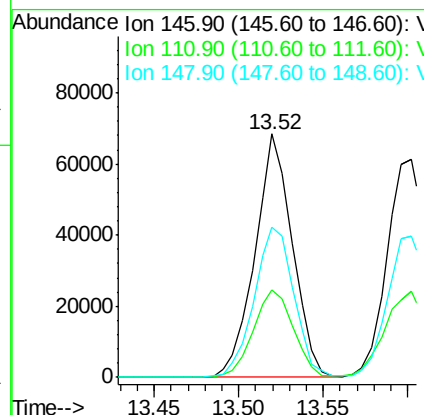
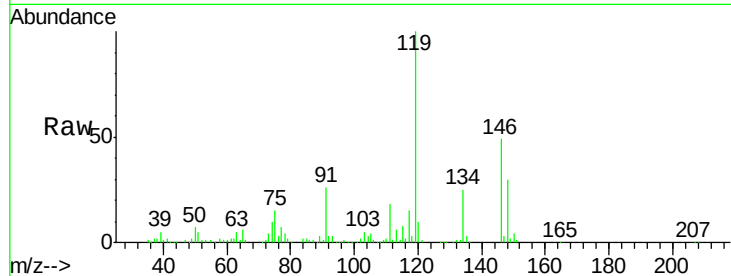
#87
 1,3-Dichlorobenzene
 Concen: 21.210 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.2	60.6
148	65.7	32.5	97.4

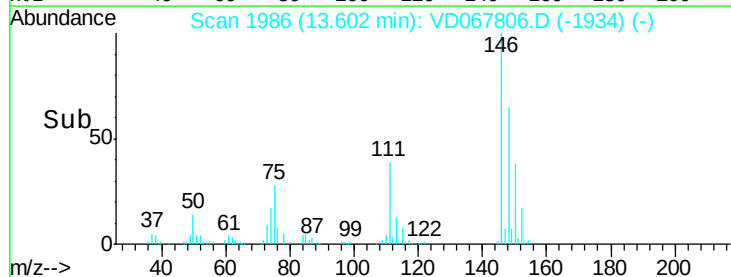
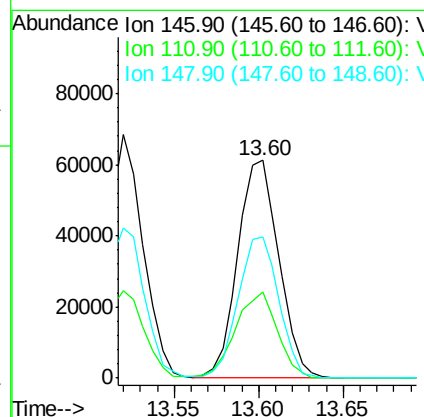
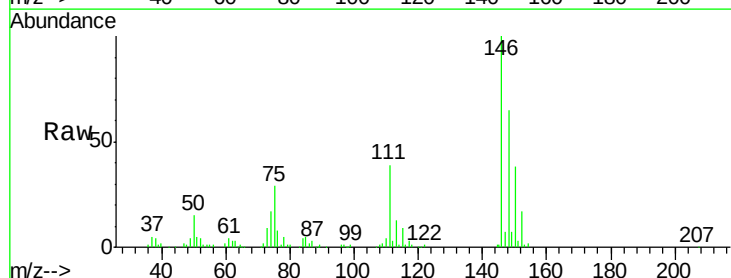
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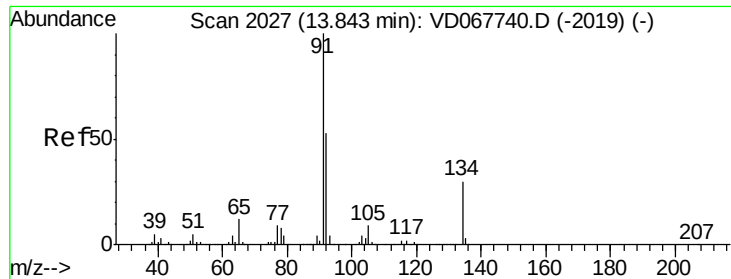
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#88
 1,4-Dichlorobenzene
 Concen: 21.187 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.4
148	64.3	31.6	94.8





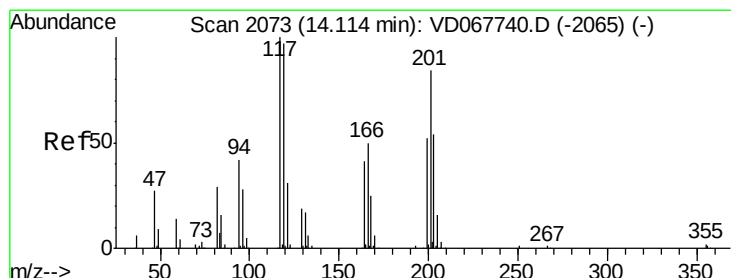
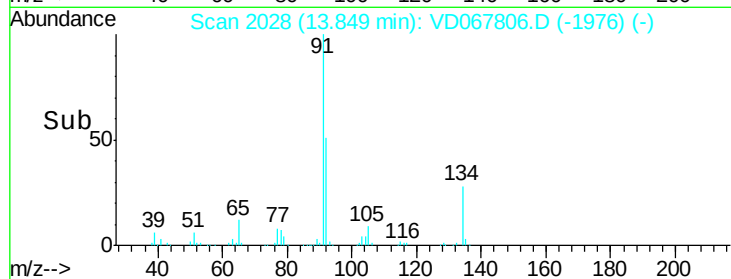
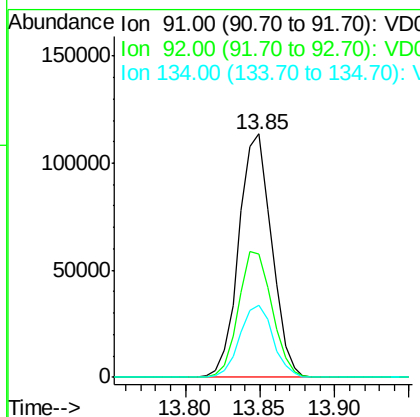
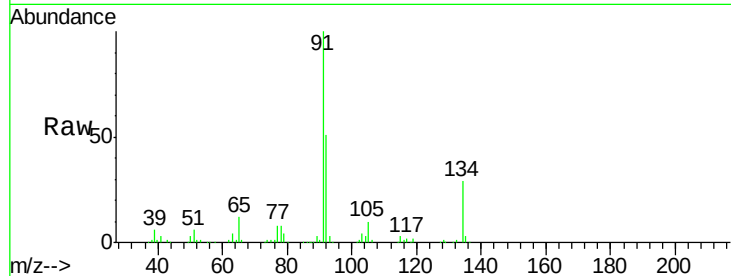
#89
n-Butylbenzene
Concen: 20.808 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.7	26.6	79.7	
134	29.8	14.8	44.3	

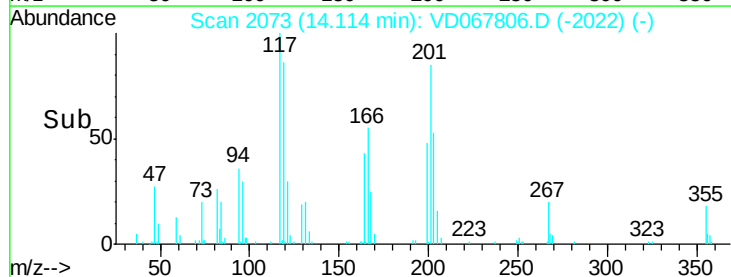
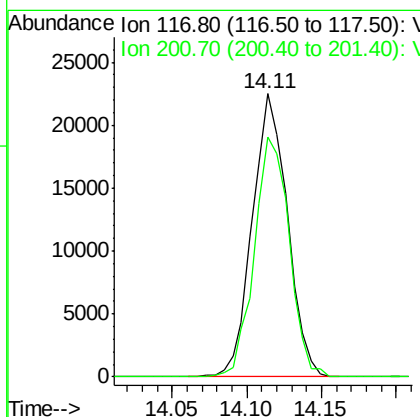
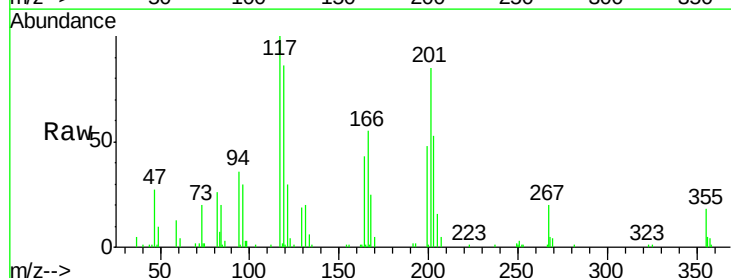
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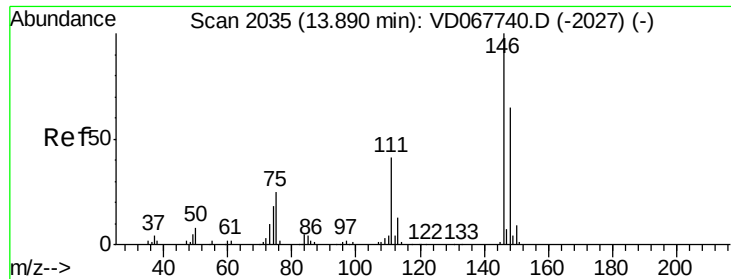
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#90
Hexachloroethane
Concen: 19.675 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.3	42.2	126.6	





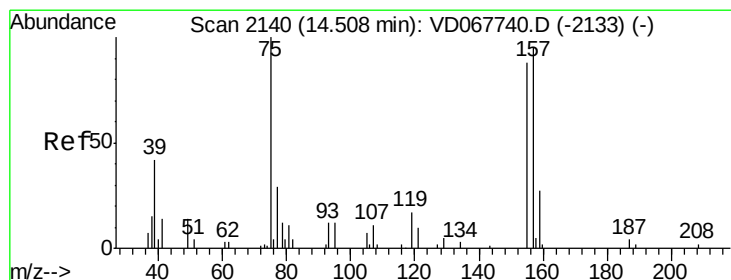
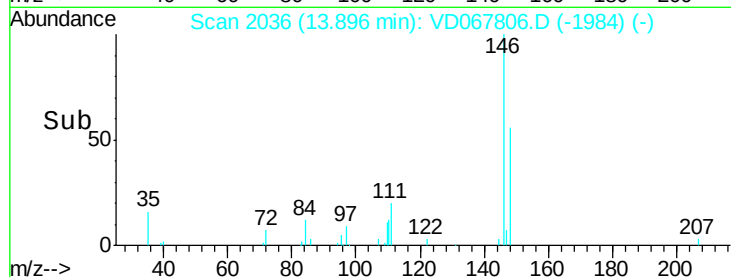
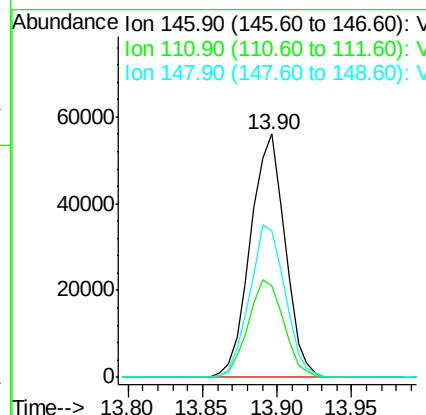
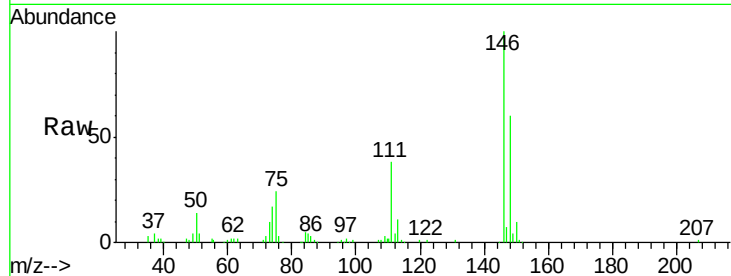
#91
 1,2-Dichlorobenzene
 Concen: 21.073 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.8	32.4	97.2

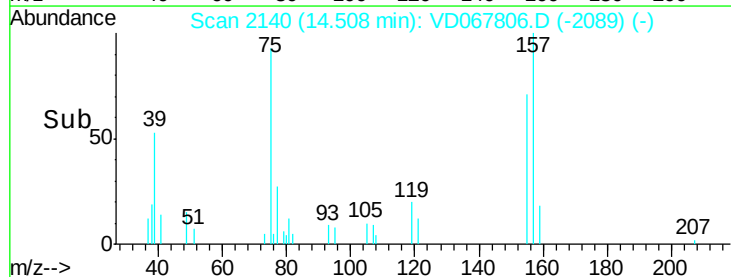
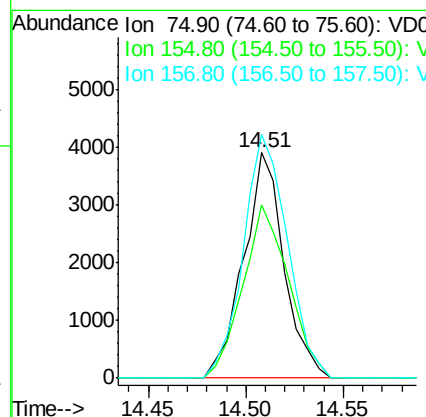
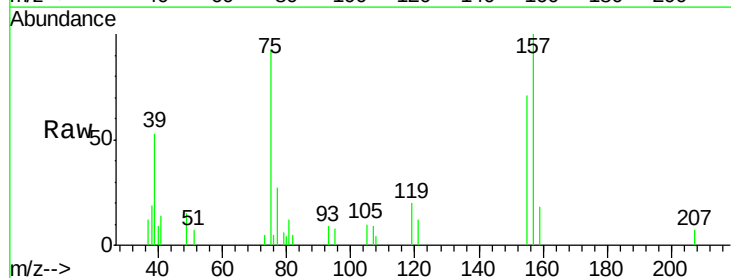
Manual Integrations
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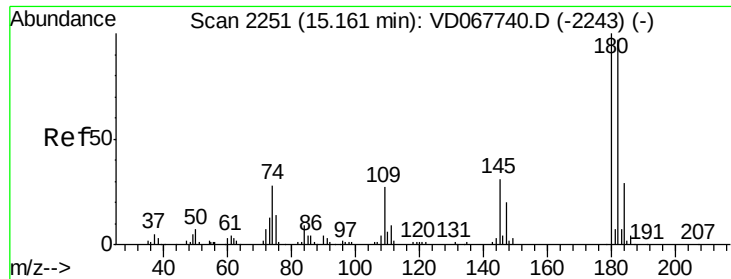
MMDadoda
 12/1/2020 12:43:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.911 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	41.0	123.0
157	117.7	51.1	153.4





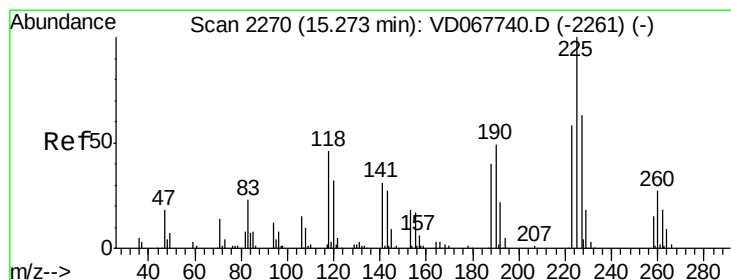
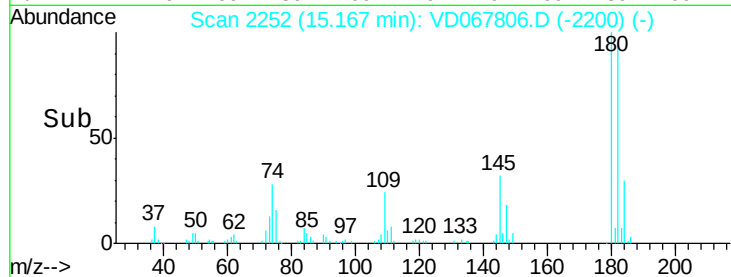
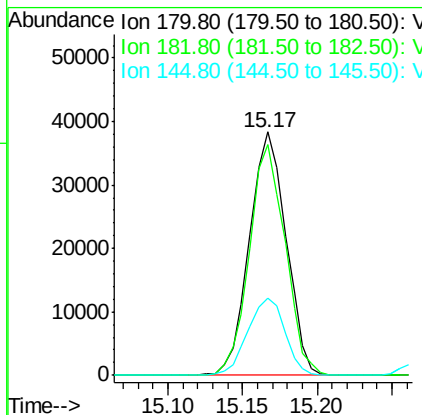
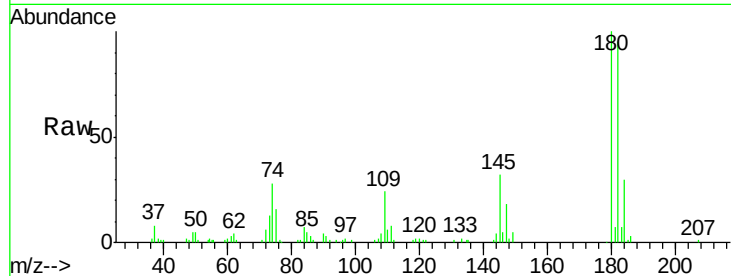
#93
 1,2,4-Trichlorobenzene
 Concen: 21.548 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.2
145	32.1	16.1	48.3

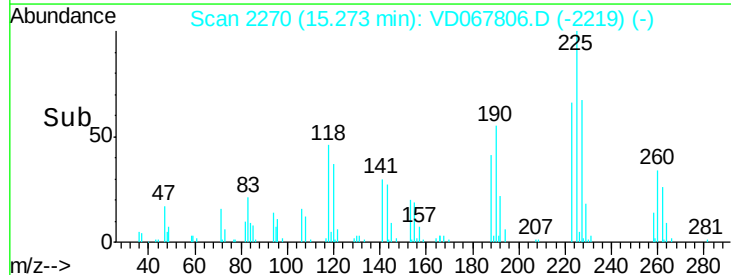
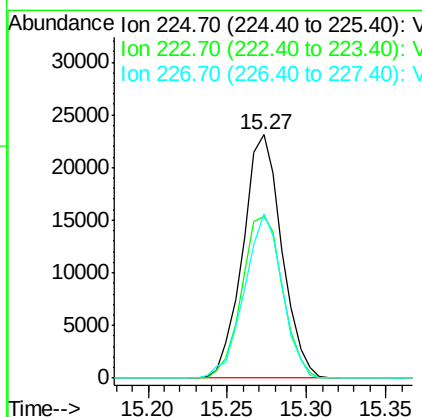
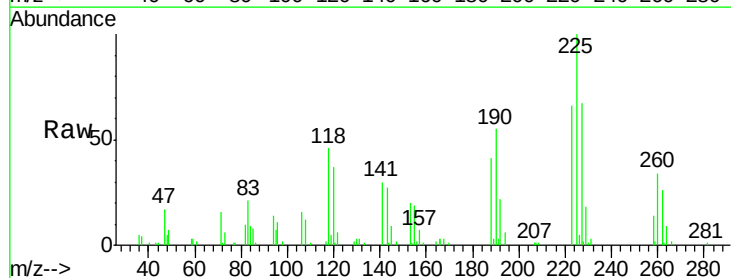
Manual Integrations
 APPROVED

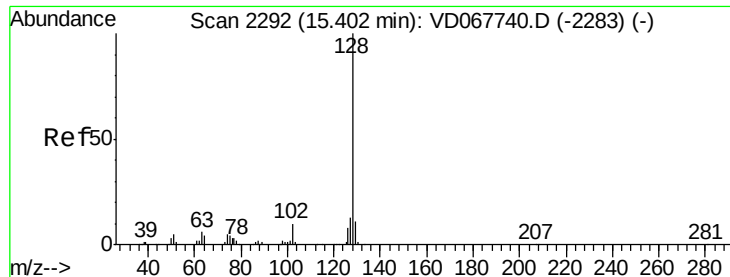
MMDadoda
 12/1/2020 12:43:39 PM



#94
 Hexachlorobutadiene
 Concen: 20.407 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.2	31.5	94.5
227	65.5	32.9	98.7





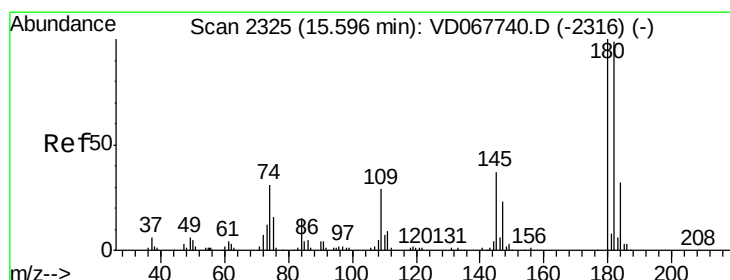
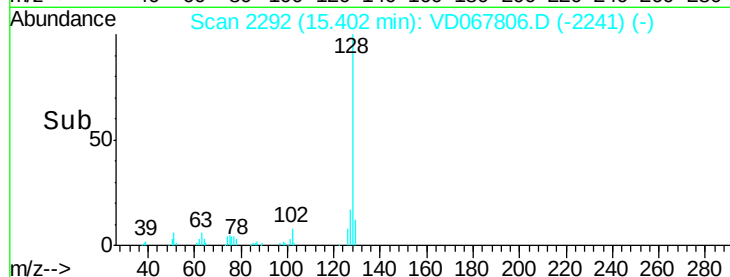
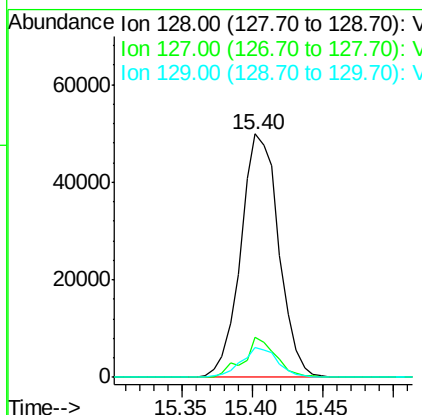
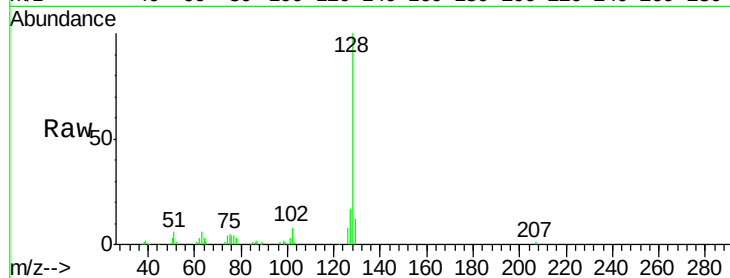
#95
Naphthalene
Concen: 19.183 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.518 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.0	144.0
145	31.9	16.8	50.4

