

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067807.D
 Acq On : 30 Nov 2020 11:34
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 13:27:05 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	235148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	332616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	119273	52.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.34%
35) Dibromofluoromethane	7.91	113	109112	51.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.10%
50) Toluene-d8	10.34	98	407839	52.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.40%
62) 4-Bromofluorobenzene	12.64	95	141073	53.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40403	19.744	ug/l	95
3) Chloromethane	2.21	50	23714	20.816	ug/l	96
4) Vinyl Chloride	2.35	62	28517	19.976	ug/l	98
5) Bromomethane	2.76	94	26715	21.965	ug/l	97
6) Chloroethane	2.92	64	19747	20.755	ug/l	91
7) Trichlorofluoromethane	3.27	101	91896	21.095	ug/l	96
8) Diethyl Ether	3.71	74	17459	19.851	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42856	20.544	ug/l	97
10) Methyl Iodide	4.30	142	44705	20.938	ug/l	98
11) Tert butyl alcohol	5.19	59	15139m	101.078	ug/l	
12) 1,1-Dichloroethene	4.07	96	37445	19.399	ug/l	96
13) Acrolein	3.92	56	8889	93.797	ug/l	85
14) Allyl chloride	4.72	41	35760	19.165	ug/l	87
15) Acrylonitrile	5.42	53	28153	91.904	ug/l	99
16) Acetone	4.16	43	29106	98.541	ug/l #	84
17) Carbon Disulfide	4.41	76	110537	19.800	ug/l	100
18) Methyl Acetate	4.71	43	10834	18.232	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	79722	19.325	ug/l	98
20) Methylene Chloride	4.97	84	50175	17.779	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	44572	20.311	ug/l	91
22) Diisopropyl ether	6.37	45	74719	20.287	ug/l	93
23) Vinyl Acetate	6.31	43	197534	95.077	ug/l	98
24) 1,1-Dichloroethane	6.27	63	63919	20.470	ug/l	96
25) 2-Butanone	7.21	43	30042	90.638	ug/l	93
26) 2,2-Dichloropropane	7.20	77	78245	21.240	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	47620	20.358	ug/l	98
28) Bromochloromethane	7.56	49	18955	18.950	ug/l	98
29) Tetrahydrofuran	7.57	42	17472	92.715	ug/l	92
30) Chloroform	7.71	83	87681	21.473	ug/l	92
31) Cyclohexane	7.98	56	53193	19.228	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	90244	20.868	ug/l	99
36) 1,1-Dichloropropene	8.11	75	60265	21.114	ug/l	98
37) Ethyl Acetate	7.29	43	13342	17.384	ug/l #	78
38) Carbon Tetrachloride	8.10	117	90588	21.895	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	68904	20.399	ug/l	98
40) Benzene	8.36	78	161302	20.577	ug/l	99
41) Methacrylonitrile	7.53	41	8418	21.480	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	56218	21.136	ug/l	99
43) Isopropyl Acetate	8.46	43	29312	19.125	ug/l	95
44) Trichloroethene	9.12	130	55252	21.267	ug/l	89
45) 1,2-Dichloropropane	9.39	63	32802	20.393	ug/l	99
46) Dibromomethane	9.48	93	22219	20.290	ug/l	96
47) Bromodichloromethane	9.67	83	64491	21.149	ug/l #	98
48) Methyl methacrylate	9.46	41	14779	19.288	ug/l	97
49) 1,4-Dioxane	9.47	88	4304	362.668	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	69625	96.540	ug/l	99
52) Toluene	10.41	92	115417	21.704	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	54400	20.419	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	63217	20.967	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	28296	19.258	ug/l	92
56) Ethyl methacrylate	10.67	69	30737	20.205	ug/l	99
57) 1,3-Dichloropropane	10.95	76	47792	20.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	60450	85.046	ug/l	98
59) 2-Hexanone	10.99	43	49709	97.623	ug/l	99
60) Dibromochloromethane	11.14	129	47631	21.273	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29083	20.088	ug/l	97
64) Tetrachloroethene	10.88	164	50767	21.778	ug/l	94
65) Chlorobenzene	11.67	112	126644	21.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	49880	20.890	ug/l	98
67) Ethyl Benzene	11.75	91	219165	21.506	ug/l	99
68) m/p-Xylenes	11.86	106	174820	44.083	ug/l	99
69) o-Xylene	12.18	106	77039	21.336	ug/l	95
70) Styrene	12.20	104	138049	22.446	ug/l	98
71) Bromoform	12.37	173	27311	21.069	ug/l #	95
73) Isopropylbenzene	12.48	105	225613	22.322	ug/l	100
74) N-amyl acetate	12.29	43	25841	19.388	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	26927	19.852	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	17518m	16.363	ug/l	
77) Bromobenzene	12.76	156	54242	21.439	ug/l	100
78) n-propylbenzene	12.83	91	246946	21.961	ug/l	99
79) 2-Chlorotoluene	12.91	91	146374	21.986	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	194446	22.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9314	20.348	ug/l	88
82) 4-Chlorotoluene	13.01	91	150188	21.172	ug/l	96
83) tert-Butylbenzene	13.23	119	167354	22.155	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	193131	21.993	ug/l	100
85) sec-Butylbenzene	13.41	105	219631	22.132	ug/l	98
86) p-Isopropyltoluene	13.52	119	212082	22.064	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	104059	21.252	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	101394	20.904	ug/l	97
89) n-Butylbenzene	13.85	91	172755	20.973	ug/l	98
90) Hexachloroethane	14.11	117	39212	21.430	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	89364	21.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5846	19.991	ug/l	92

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ClientSampleId :
VD1130SBSD01

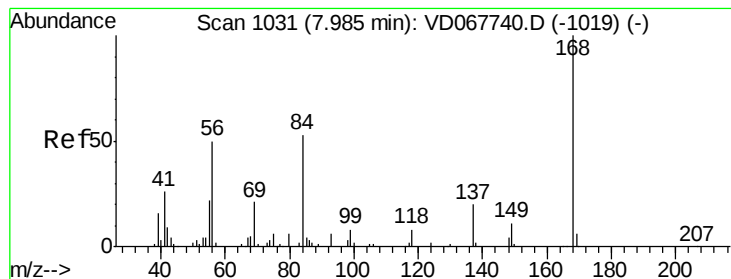
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	63838	21.375	ug/l	98
94) Hexachlorobutadiene	15.27	225	41450	21.722	ug/l	96
95) Naphthalene	15.41	128	95042	19.663	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	52394	20.595	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion:168 Resp: 235148

Ion Ratio Lower Upper

168 100

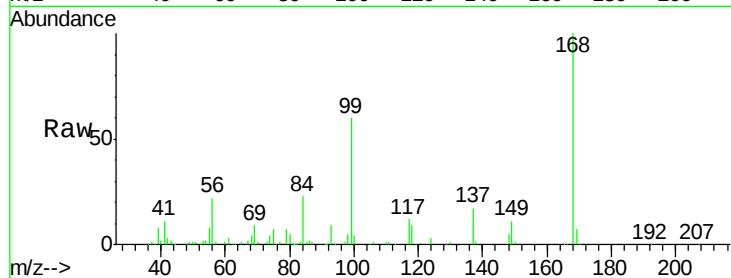
99 59.5 43.8 65.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

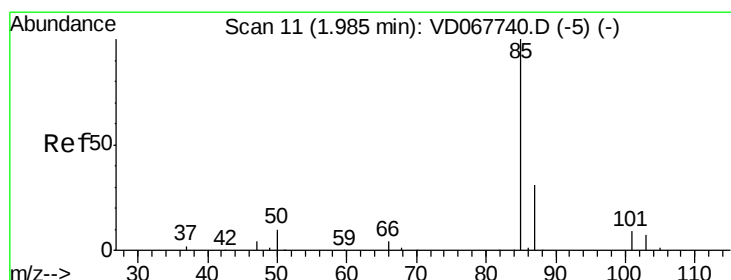
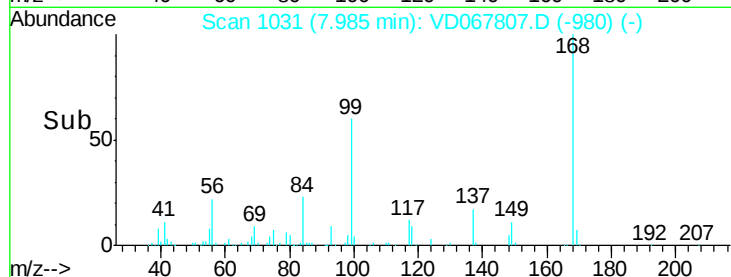
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.744 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067807.D

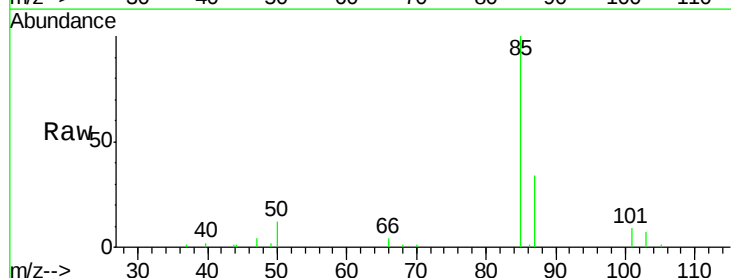
Acq: 30 Nov 2020 11:34

Tgt Ion: 85 Resp: 40403

Ion Ratio Lower Upper

85 100

87 33.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

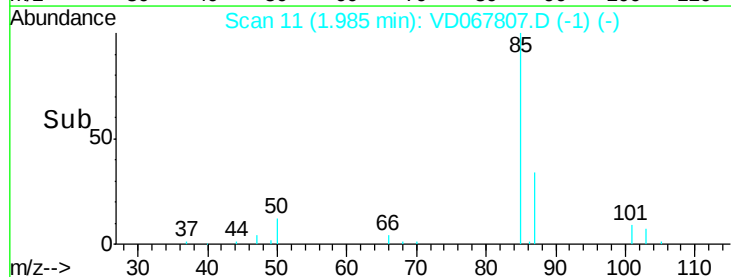
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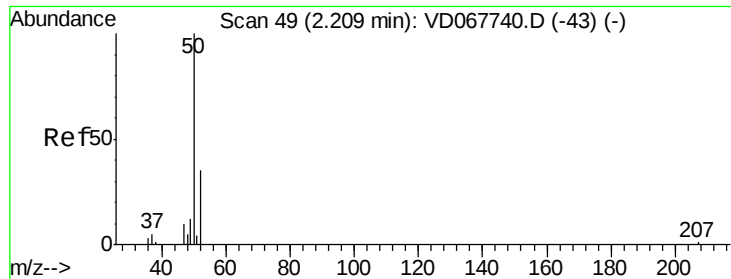
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.816 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 50 Resp: 23714

Ion Ratio Lower Upper

50 100

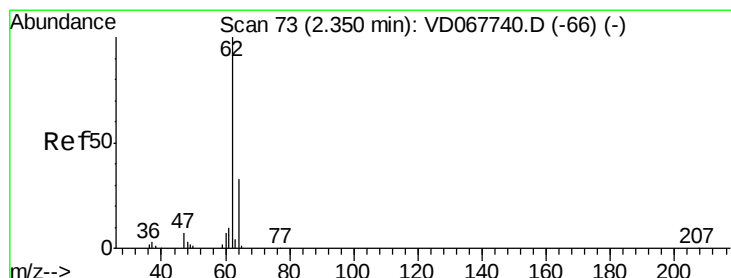
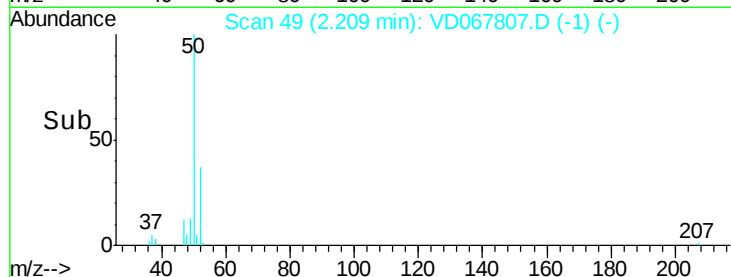
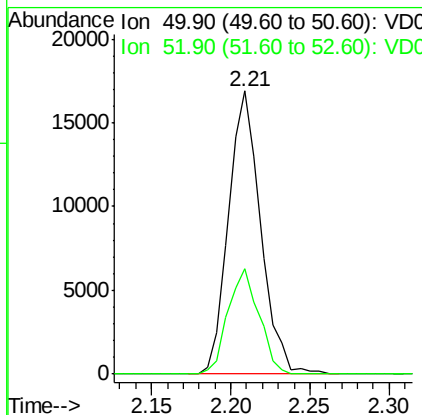
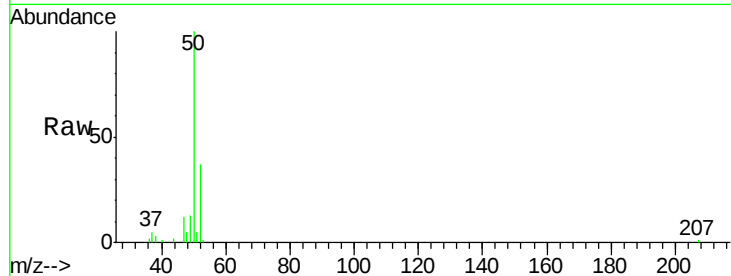
52 37.4 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.976 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067807.D

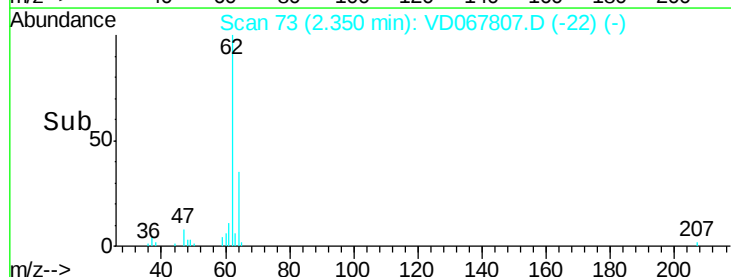
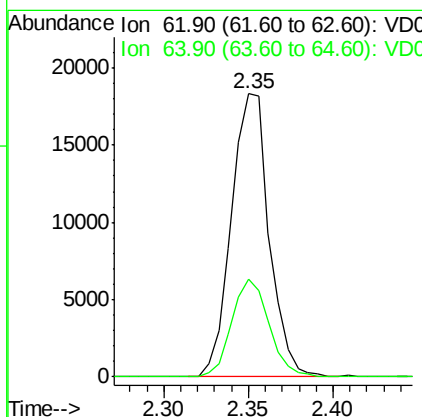
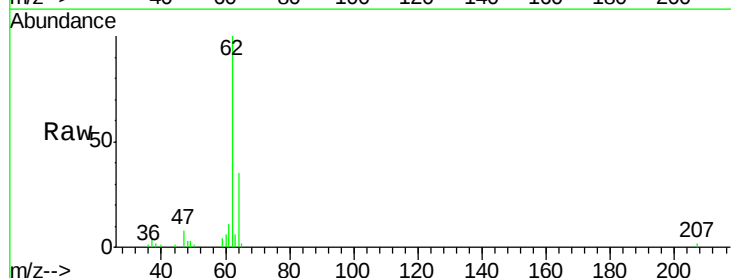
Acq: 30 Nov 2020 11:34

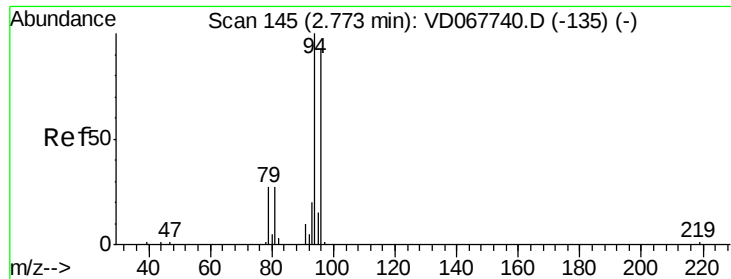
Tgt Ion: 62 Resp: 28517

Ion Ratio Lower Upper

62 100

64 34.6 26.6 40.0





#5

Bromomethane

Concen: 21.965 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 94 Resp: 26715

Ion Ratio Lower Upper

94 100

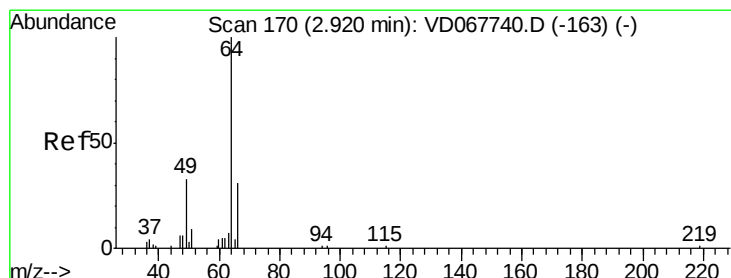
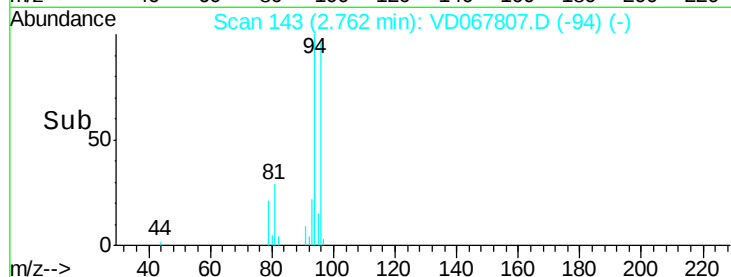
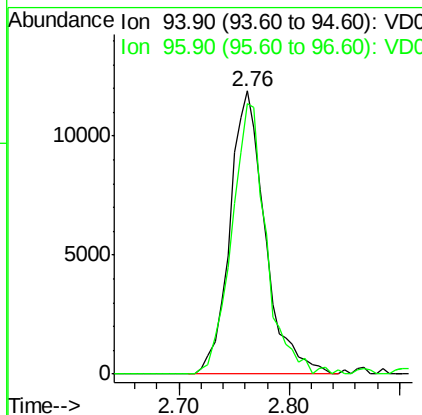
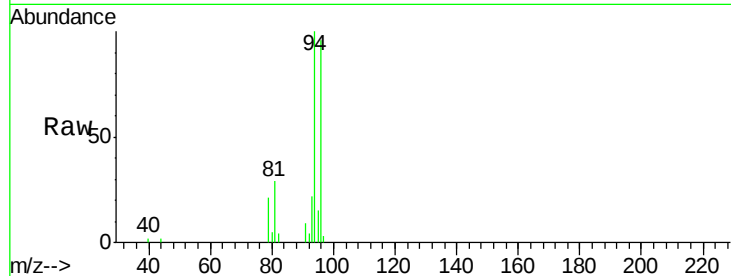
96 95.7 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 20.755 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067807.D

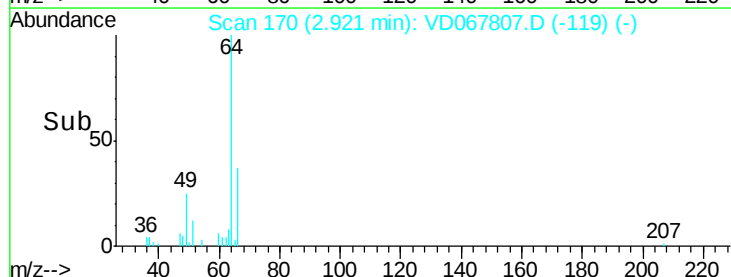
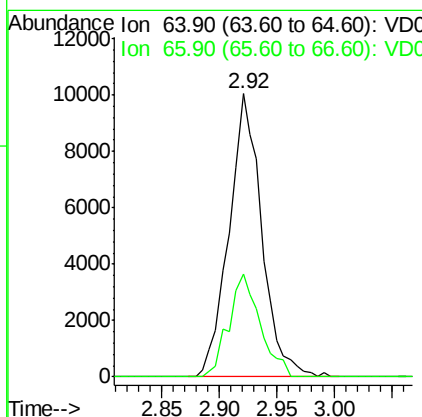
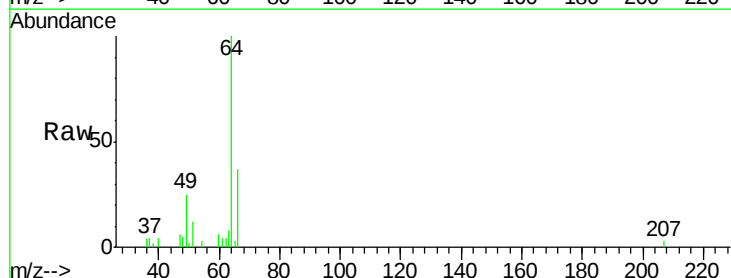
Acq: 30 Nov 2020 11:34

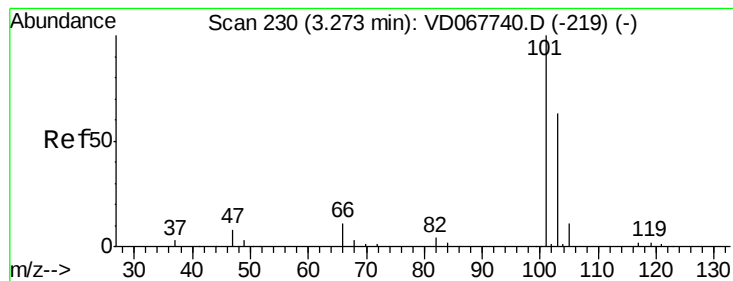
Tgt Ion: 64 Resp: 19747

Ion Ratio Lower Upper

64 100

66 36.6 25.1 37.7





#7

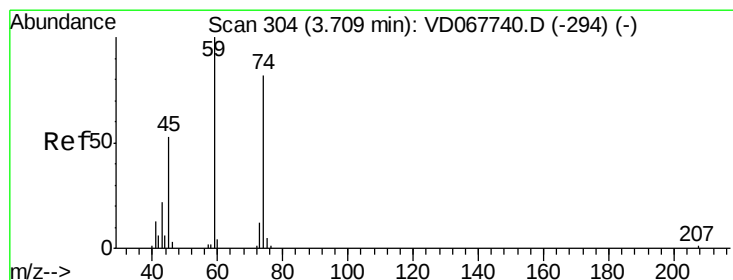
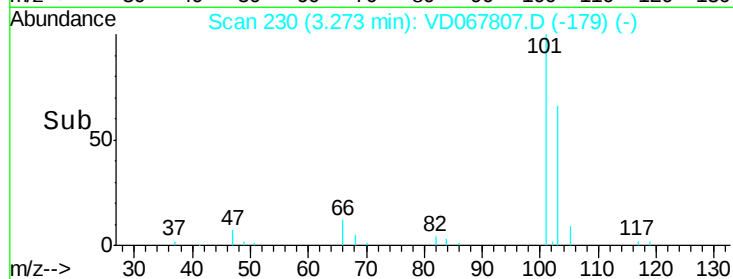
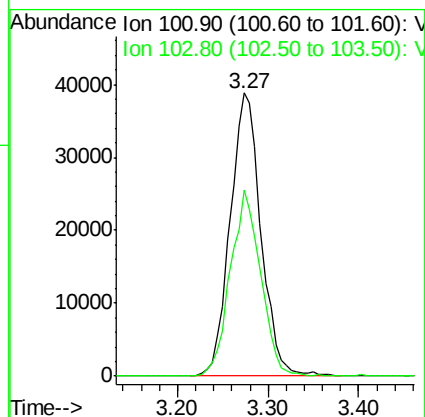
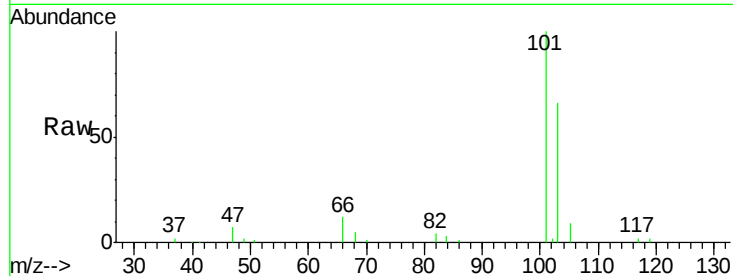
Trichlorofluoromethane
 Concen: 21.095 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
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 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.3	75.5

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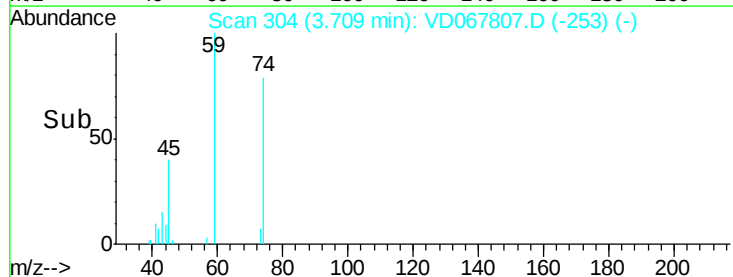
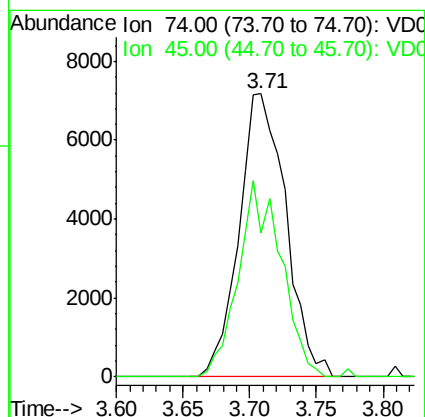
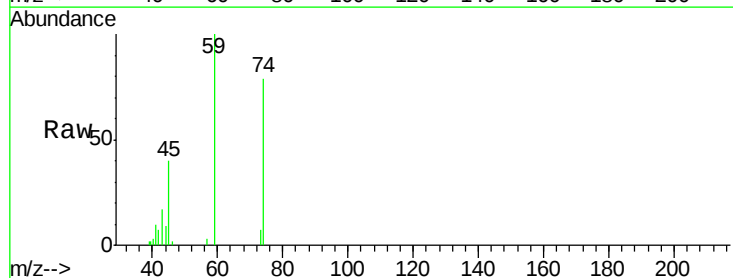
MMDadoda
 12/1/2020 12:43:43 PM

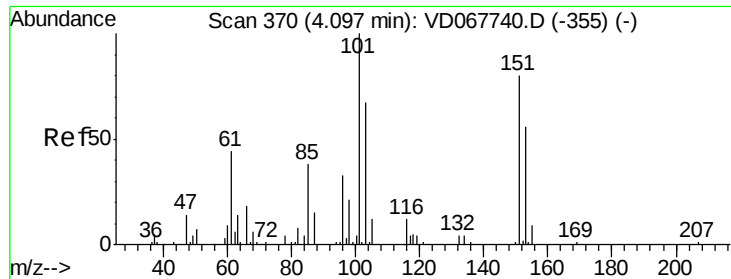


#8

Diethyl Ether
 Concen: 19.851 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	63.4	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.544 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

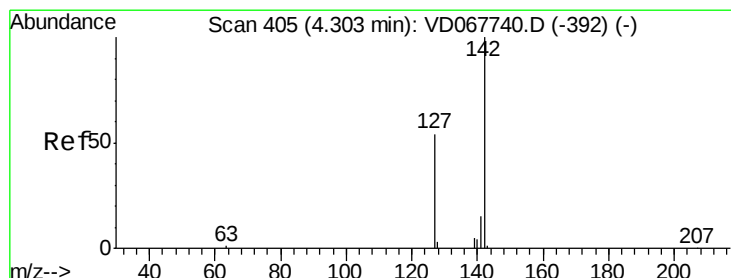
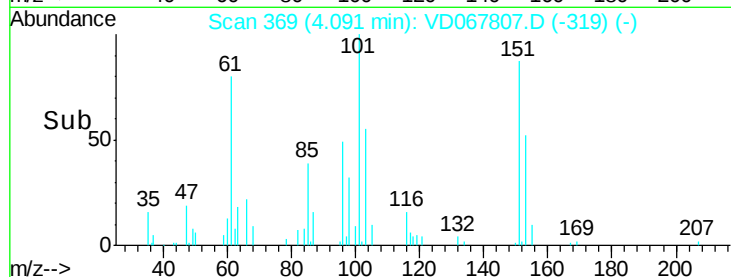
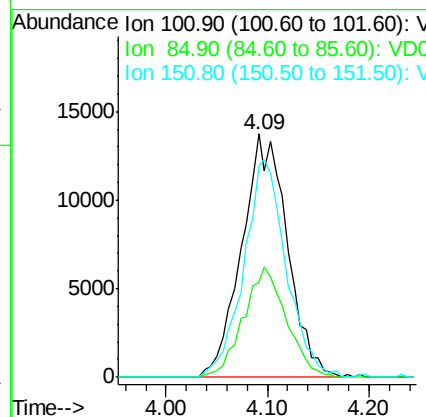
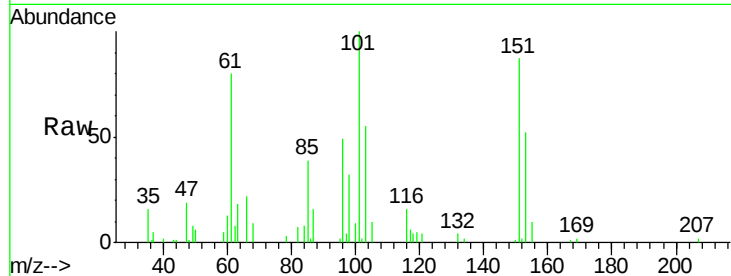
ClientSampleId :

VD1130SBS01

Tot Ion:	101	Resp:	42856
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.5	53.3
151	83.6	69.4	104.0

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



#10

Methyl Iodide

Concen: 20.938 ug/l

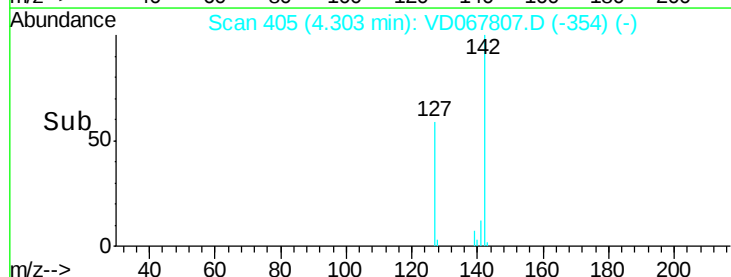
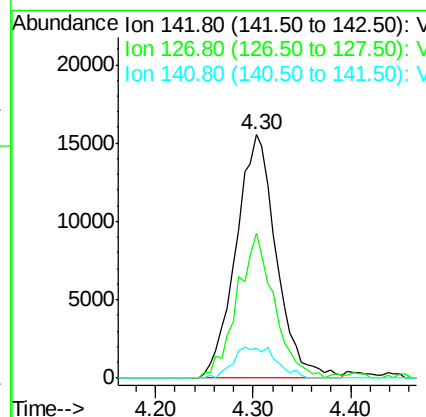
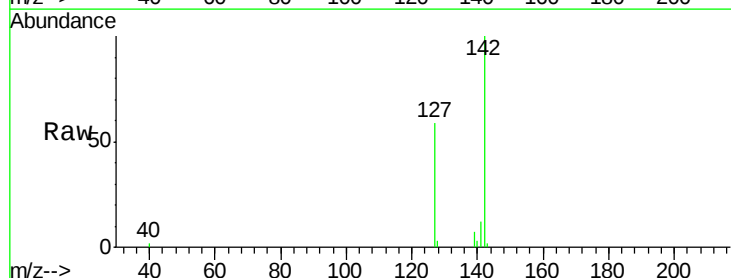
RT: 4.30 min Scan# 405

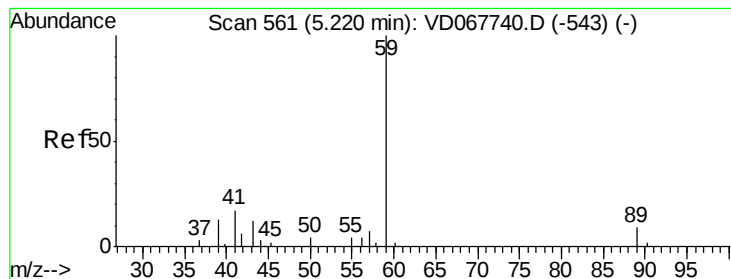
Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	142	Resp:	44705
Ion Ratio	Lower	Upper	
142	100		
127	54.4	42.2	63.2
141	13.5	11.8	17.6





#11

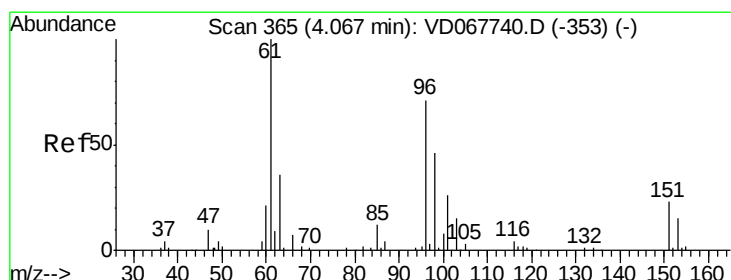
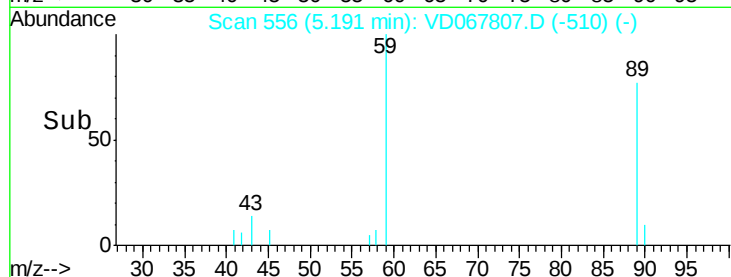
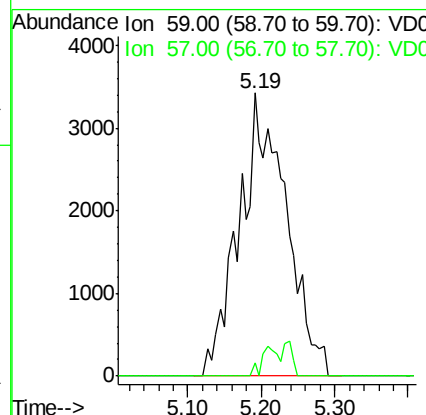
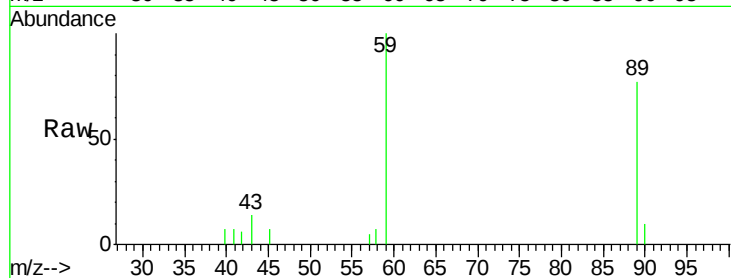
Tert butyl alcohol
Concen: 101.078 ug/l m
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.7	3.4	5.0

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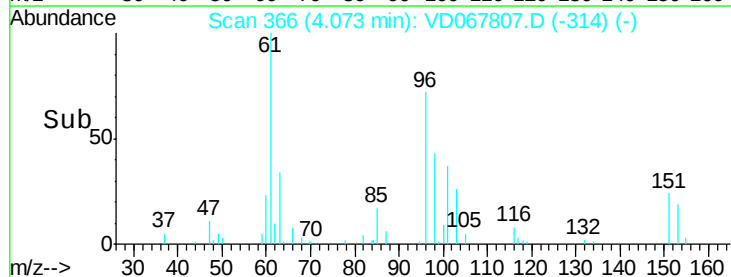
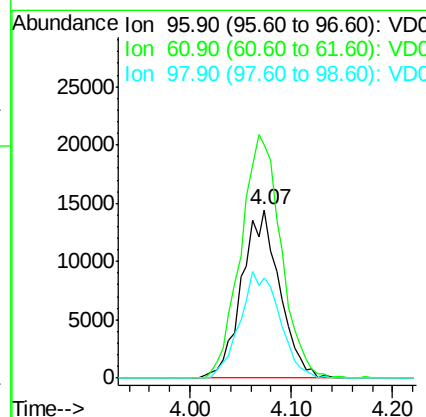
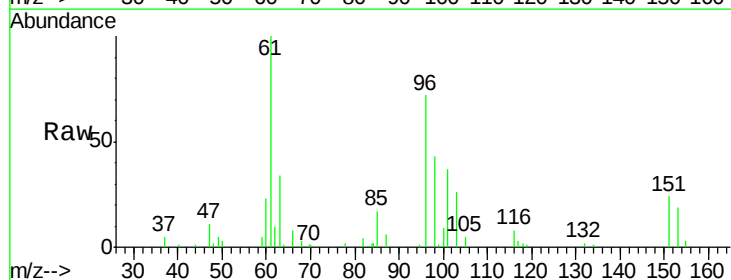
MMDadoda
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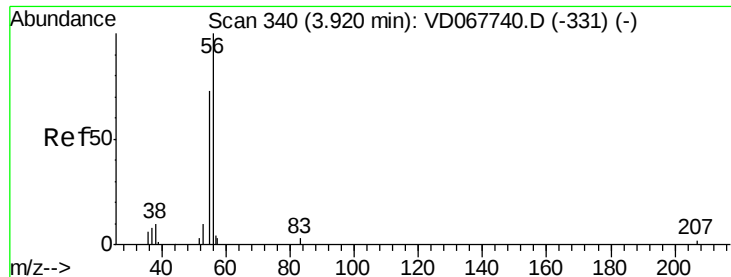


#12

1,1-Dichloroethene
Concen: 19.399 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.9	169.3
98	59.8	52.4	78.6





#13

Acrolein

Concen: 93.797 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 56 Resp: 8889

Ion Ratio Lower Upper

56 100

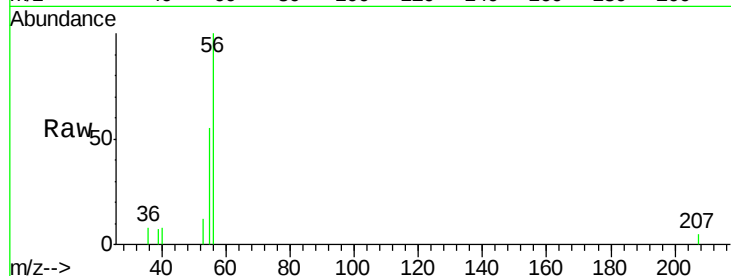
55 63.3 61.2 91.8

Manual Integrations

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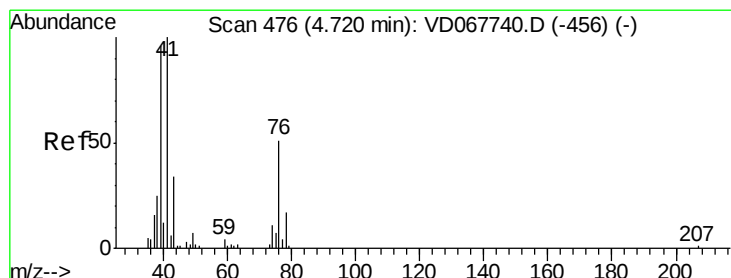
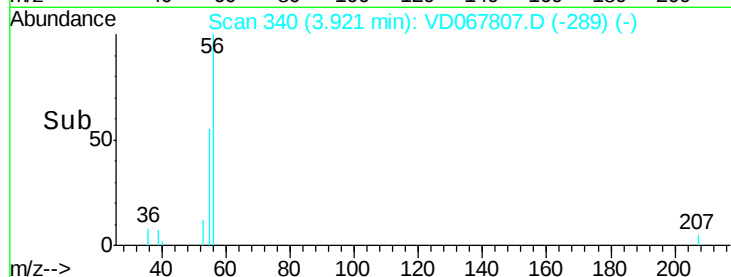
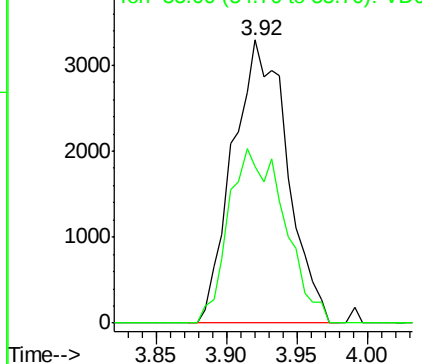
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.165 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

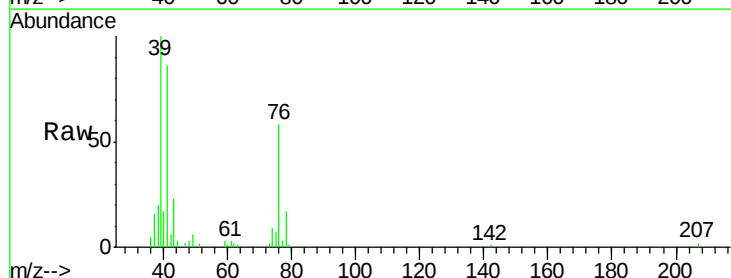
Tgt Ion: 41 Resp: 35760

Ion Ratio Lower Upper

41 100

39 107.9 74.6 111.8

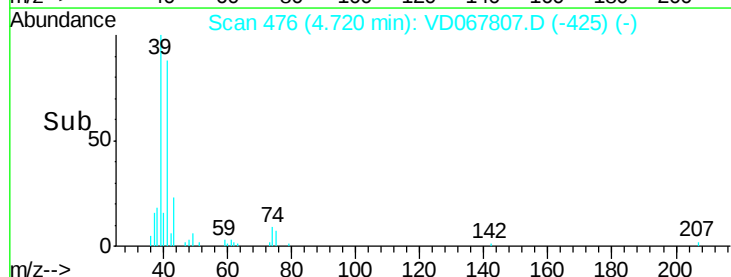
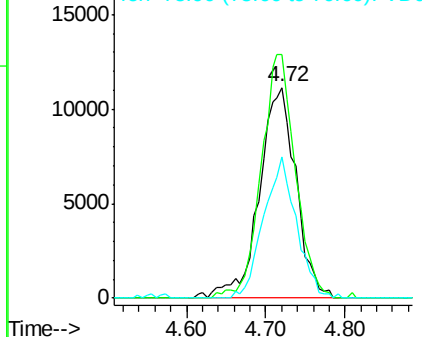
76 60.0 43.3 64.9

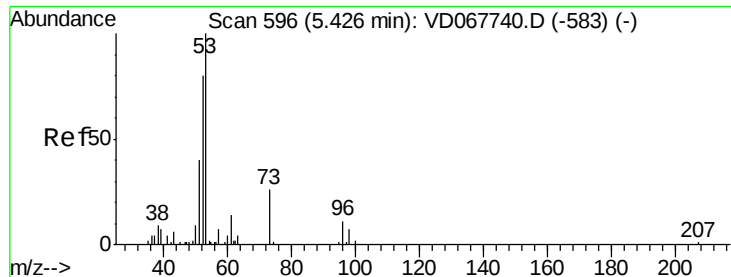


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 91.904 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

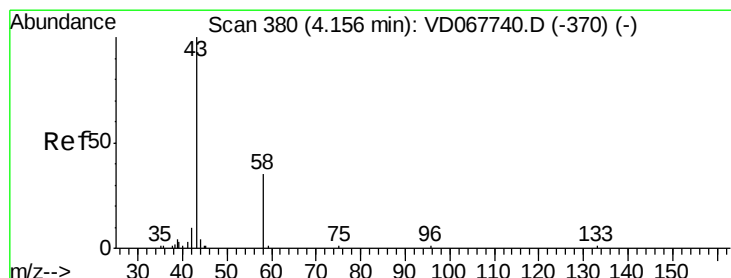
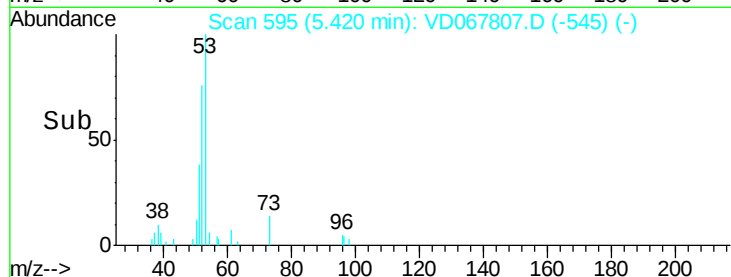
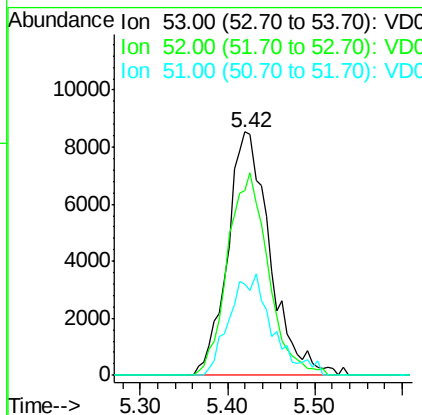
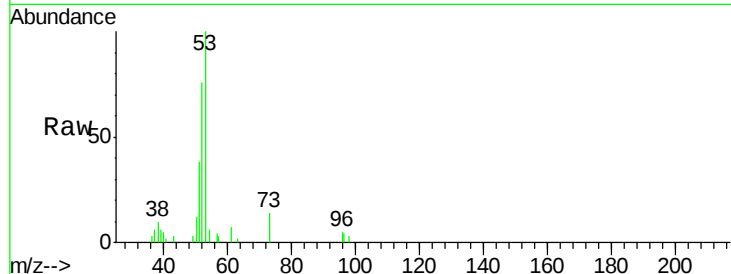
ClientSampleId :

VD1130SBS01

Tot Ion:	53	Resp:	28153
Ion Ratio	Lower	Upper	
53	100		
52	79.6	63.4	95.2
51	39.8	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 98.541 ug/l

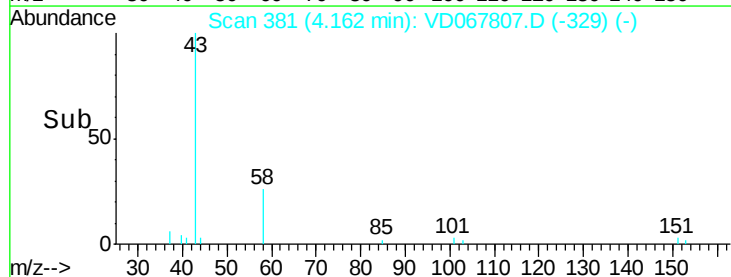
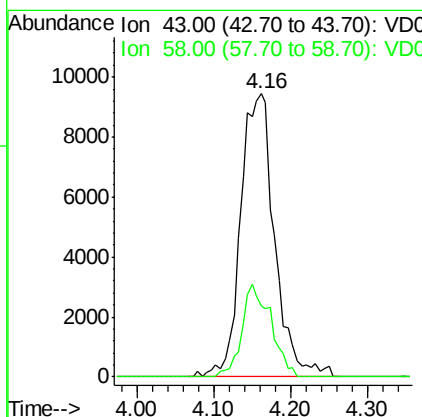
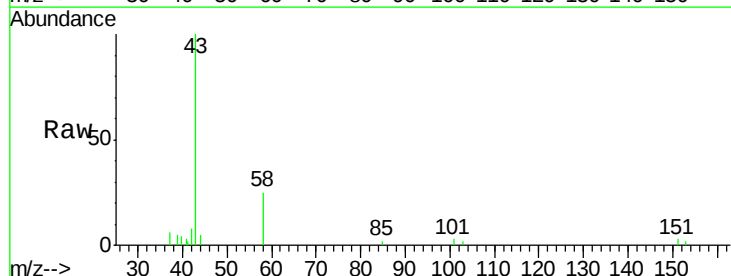
RT: 4.16 min Scan# 381

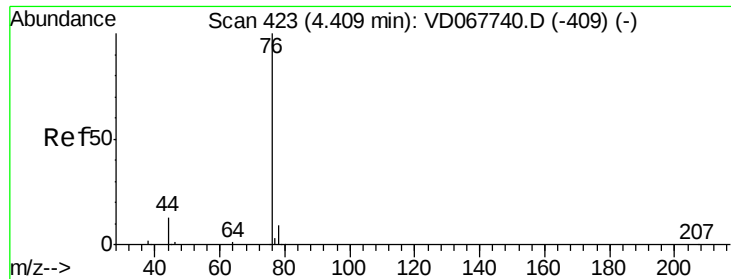
Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	43	Resp:	29106
Ion Ratio	Lower	Upper	
43	100		
58	25.2	27.6	41.4#





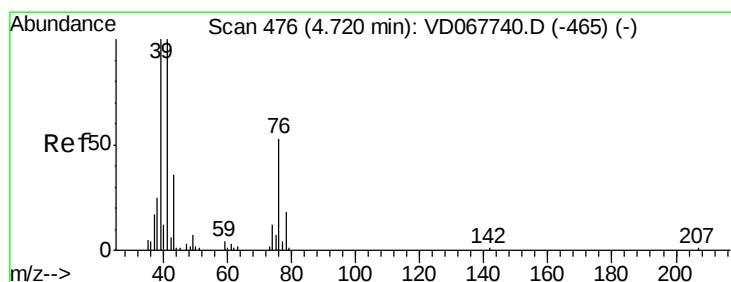
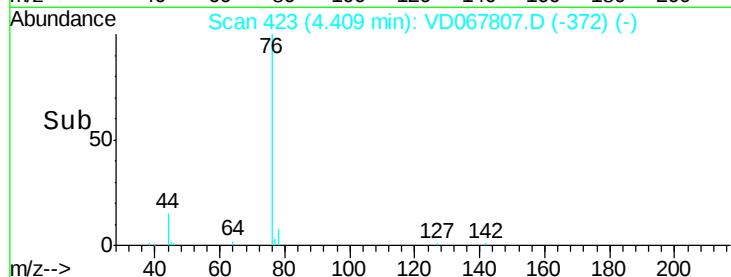
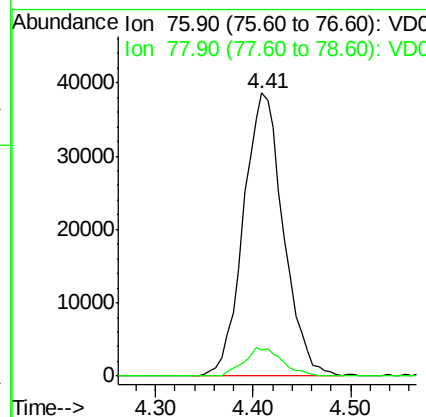
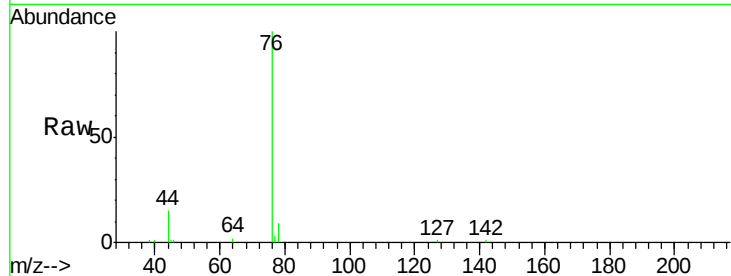
#17
Carbon Disulfide
Concen: 19.800 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

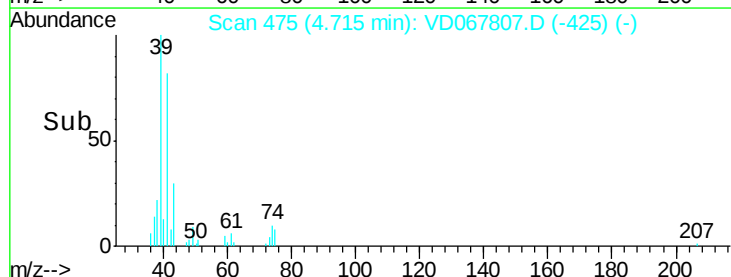
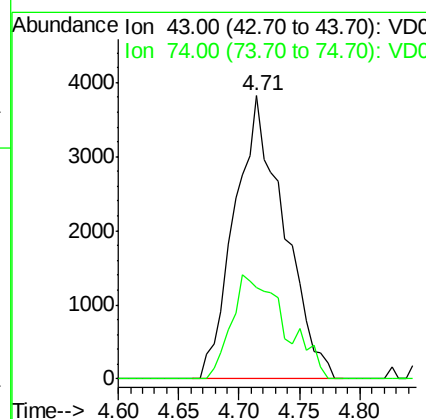
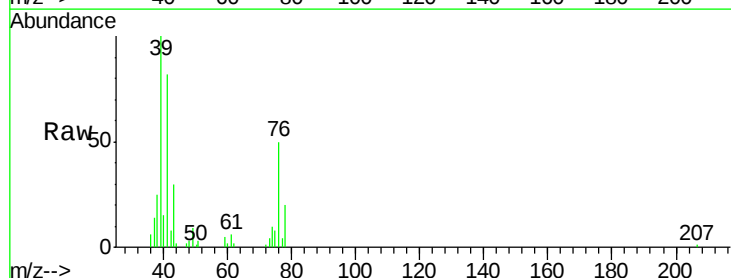
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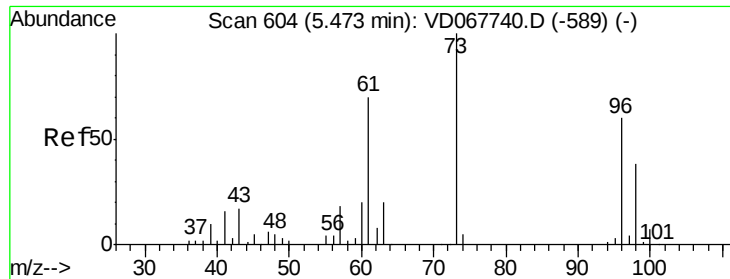
MMDadoda
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#18
Methyl Acetate
Concen: 18.232 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.1	29.7	44.5





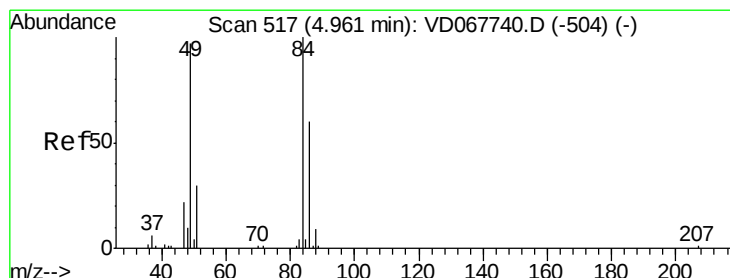
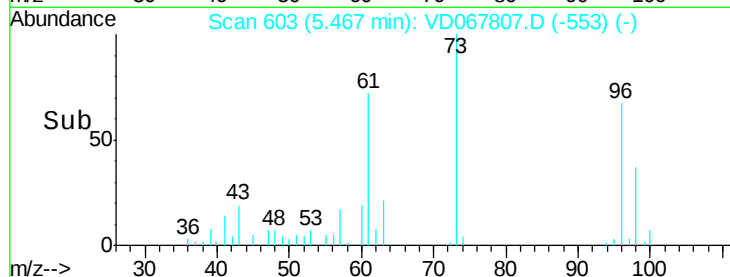
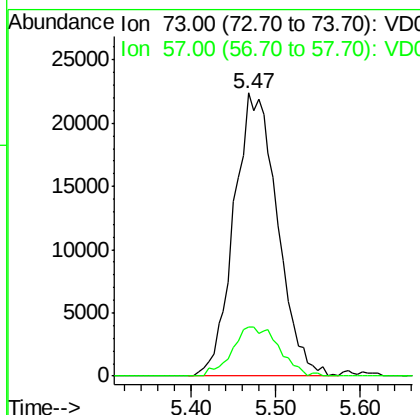
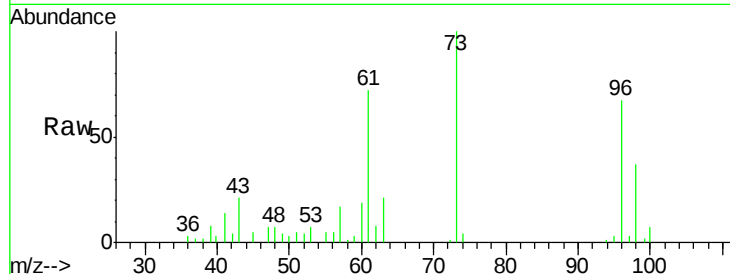
#19
Methyl tert-butyl Ether
Concen: 19.325 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 73 Resp: 79722
Ion Ratio Lower Upper
73 100
57 17.4 14.8 22.2

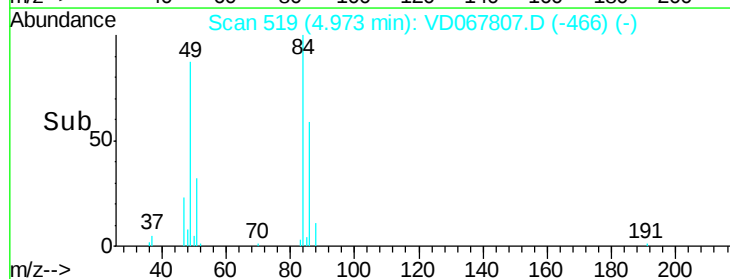
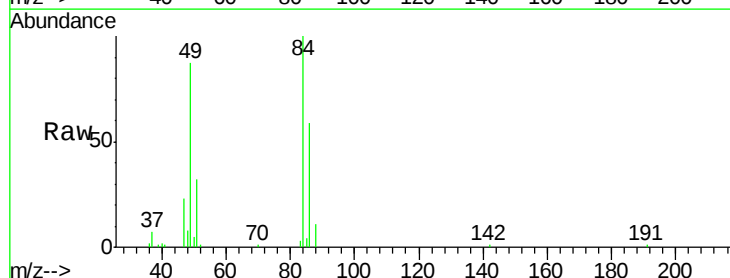
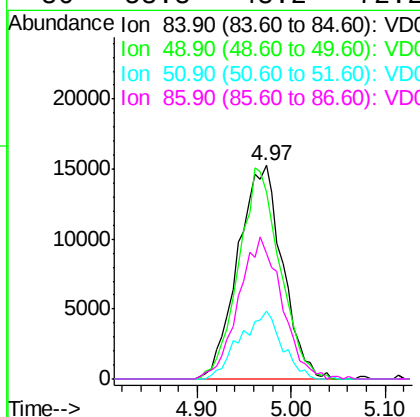
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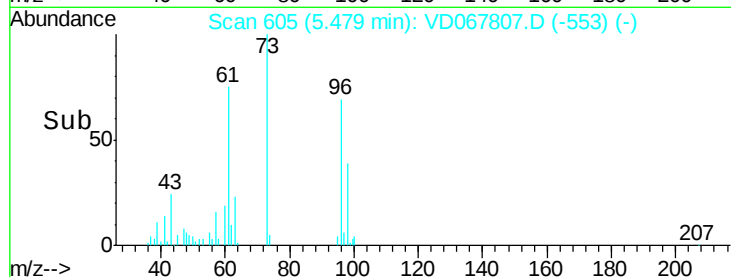
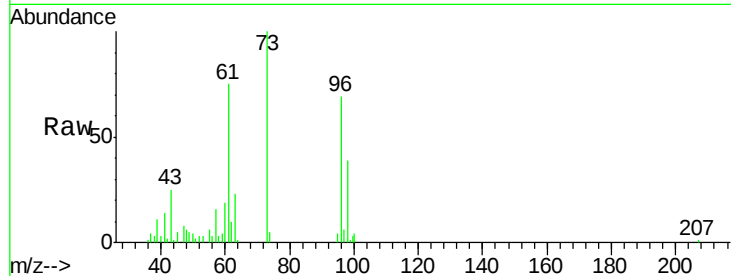
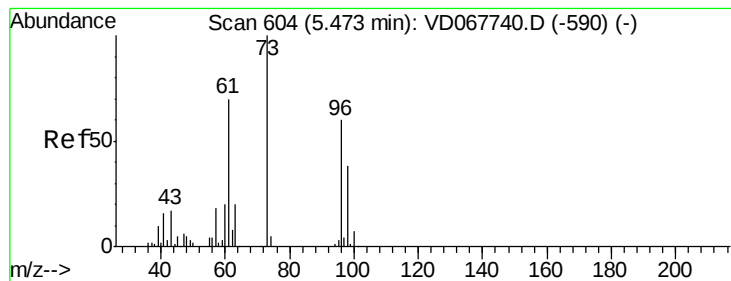
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#20
Methylene Chloride
Concen: 17.779 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 84 Resp: 50175
Ion Ratio Lower Upper
84 100
49 87.5 77.4 116.2
51 31.8 24.1 36.1
86 58.8 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.311 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067807.D

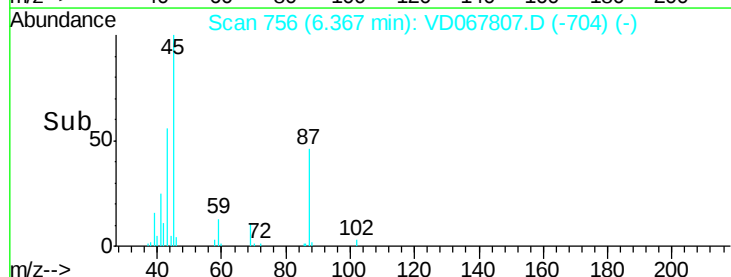
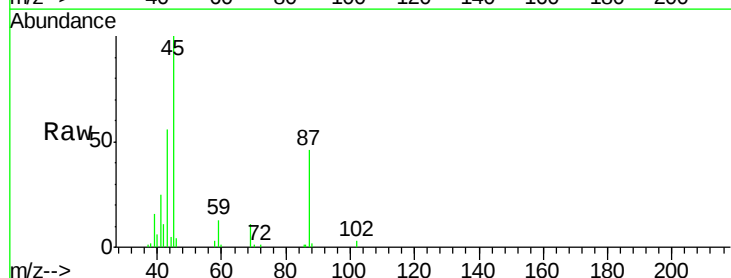
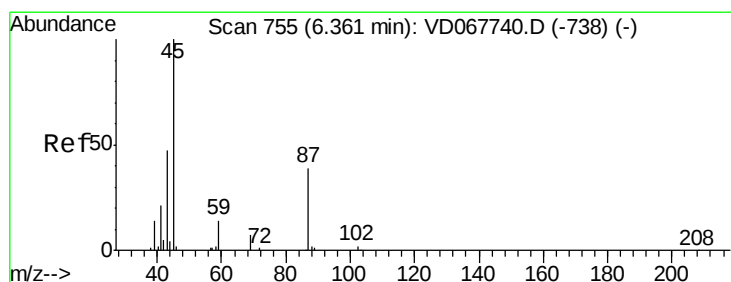
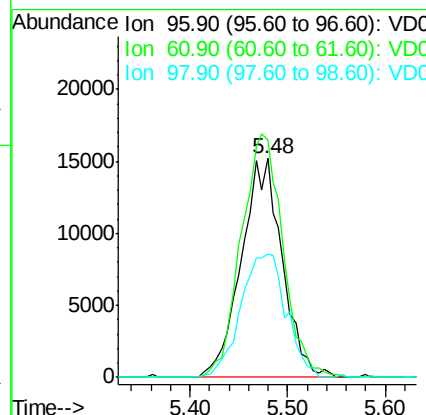
Acq: 30 Nov 2020 11:34

Tot Ion:	96	Resp:	44572
Ion	Ratio	Lower	Upper
96	100		
61	108.7	94.0	141.0
98	56.1	51.3	76.9

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

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#22

Diisopropyl ether

Concen: 20.287 ug/l

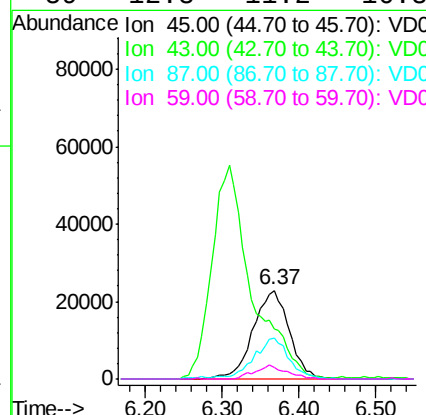
RT: 6.37 min Scan# 756

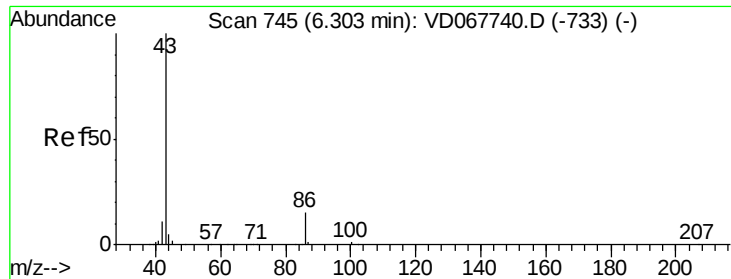
Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	45	Resp:	74719
Ion	Ratio	Lower	Upper
45	100		
43	53.9	46.8	70.2
87	46.4	32.9	49.3
59	12.8	11.2	16.8





#23

Vinyl Acetate

Concen: 95.077 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 43 Resp: 197534

Ion Ratio Lower Upper

43 100

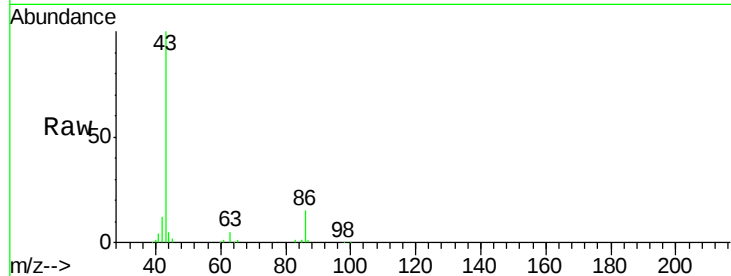
86 15.3 11.7 17.5

Manual Integrations

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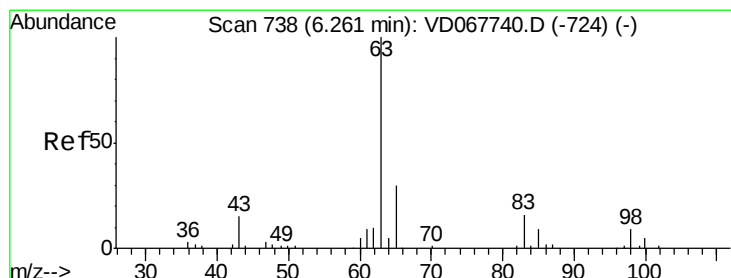
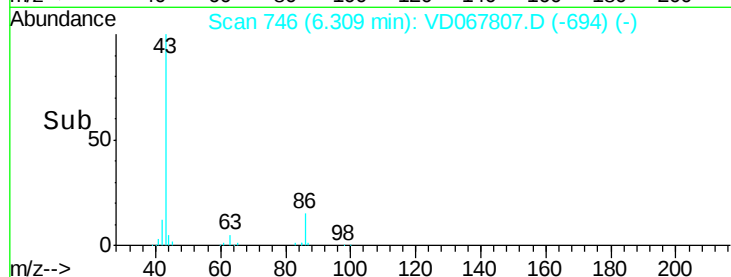
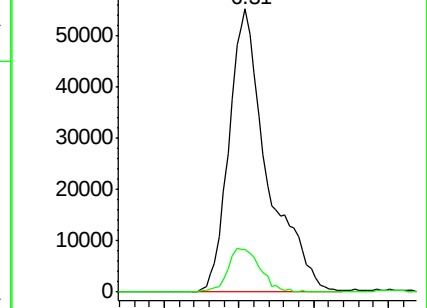
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.470 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

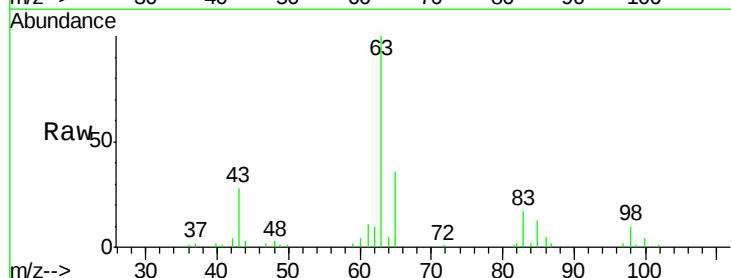
Tgt Ion: 63 Resp: 63919

Ion Ratio Lower Upper

63 100

98 10.3 4.4 13.2

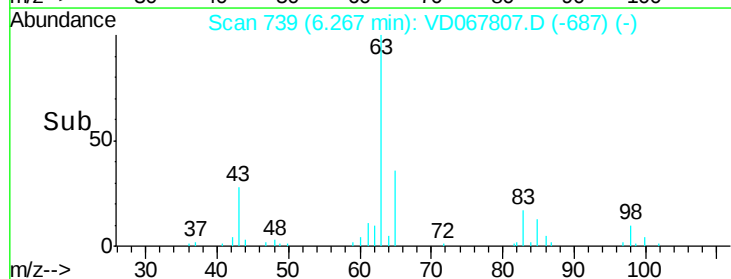
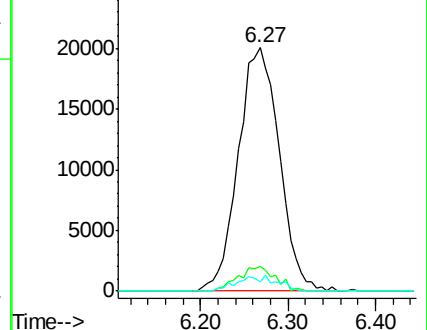
100 4.0 2.6 8.0

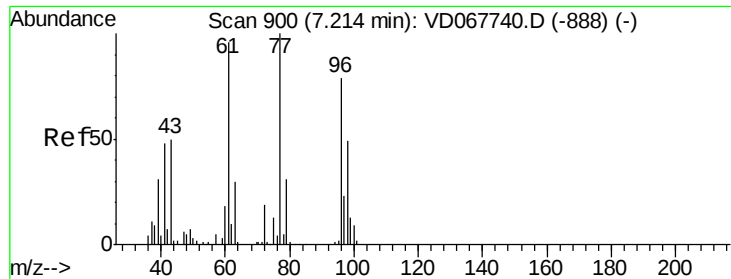


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 90.638 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 43 Resp: 30042

Ion Ratio Lower Upper

43 100

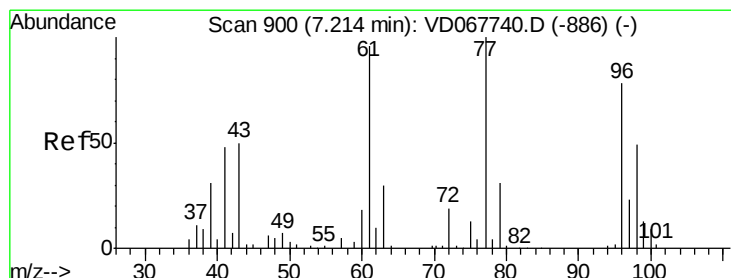
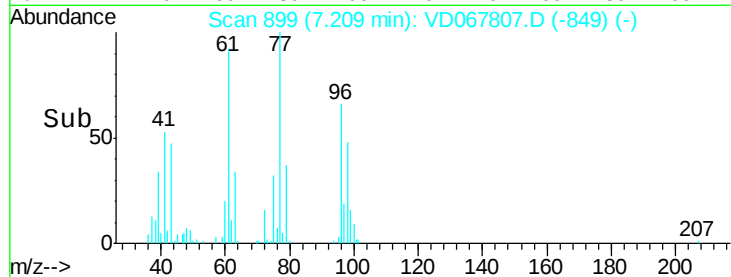
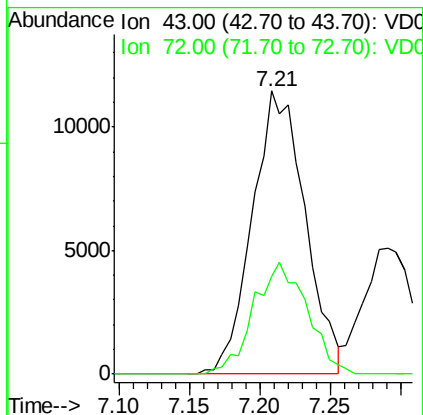
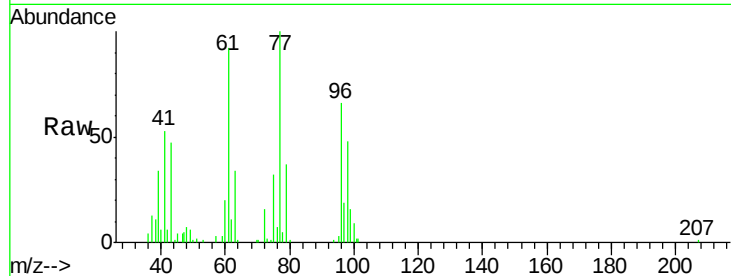
72 34.4 30.8 46.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.240 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067807.D

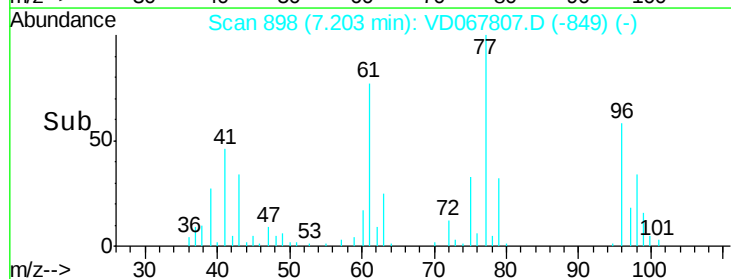
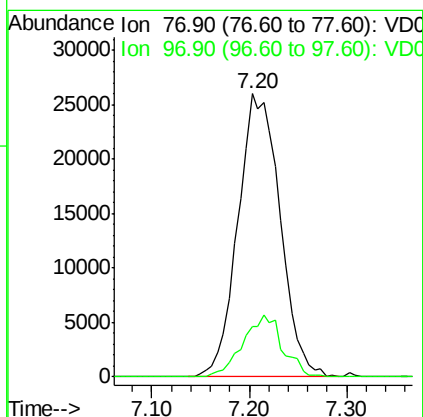
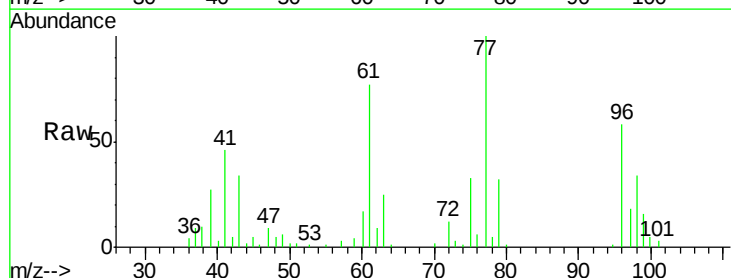
Acq: 30 Nov 2020 11:34

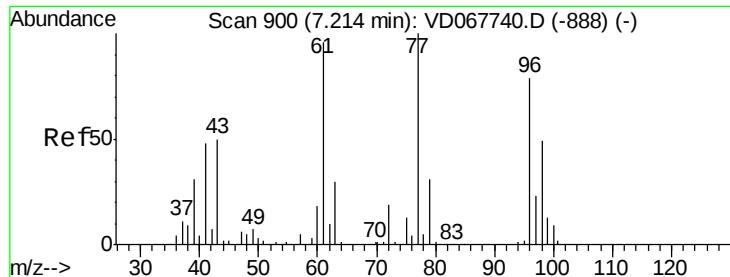
Tgt Ion: 77 Resp: 78245

Ion Ratio Lower Upper

77 100

97 20.5 11.1 33.3





#27

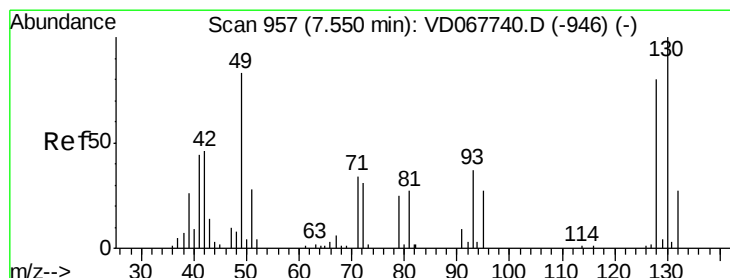
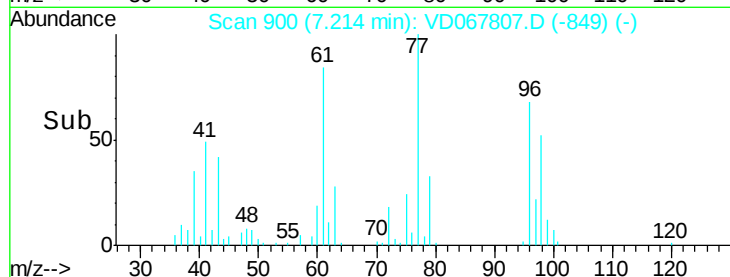
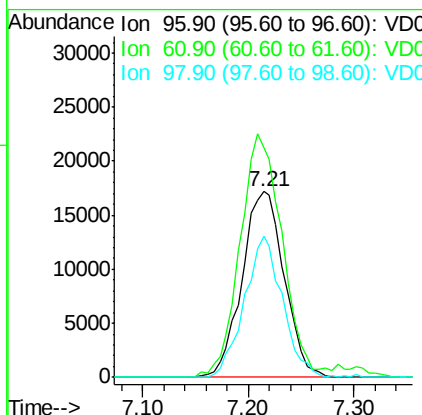
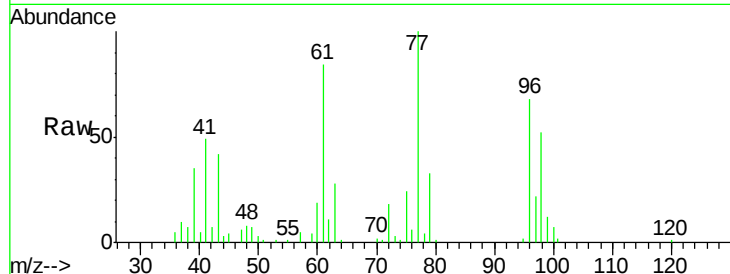
cis-1,2-Dichloroethene
Concen: 20.358 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	258.0
98	68.6	0.0	131.8

Manual Integrations
APPROVED

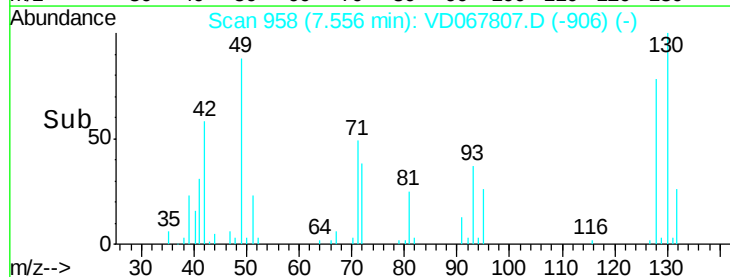
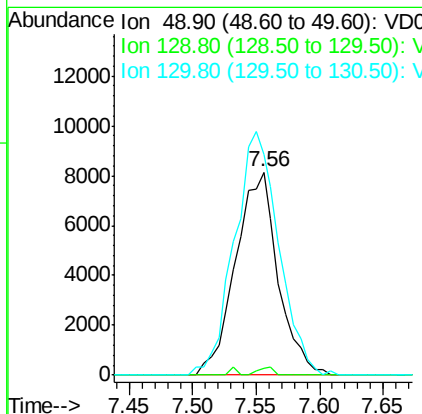
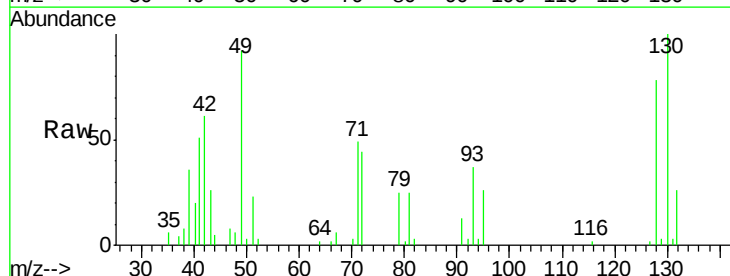
MMDadoda
12/1/2020 12:43:43 PM

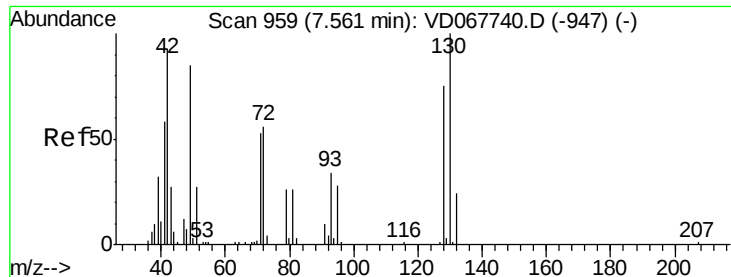


#28

Bromochloromethane
Concen: 18.950 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	7.0
130	125.5	102.2	153.4





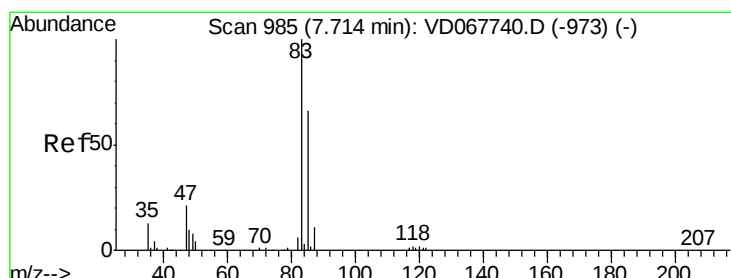
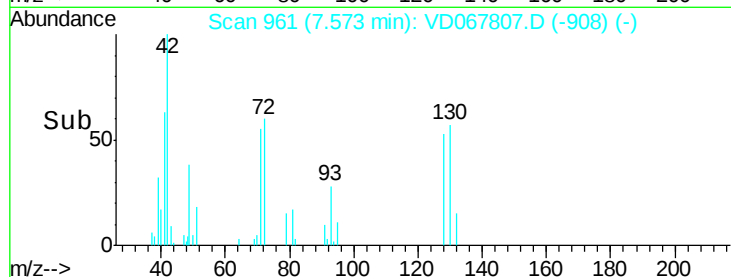
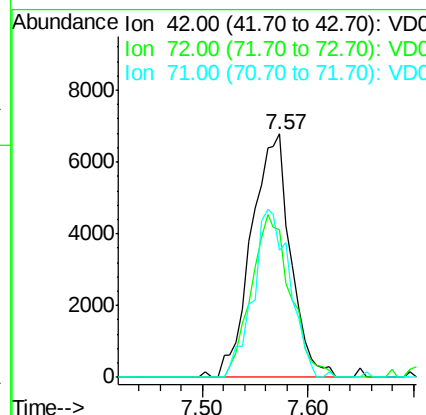
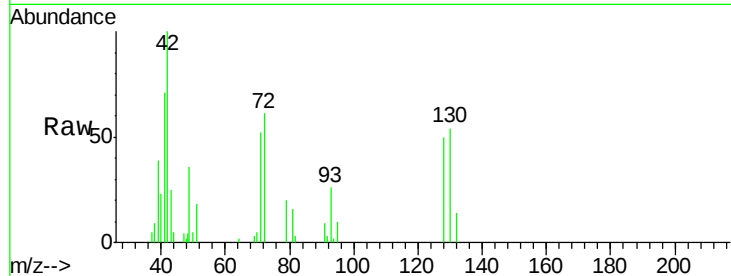
#29
Tetrahydrofuran
Concen: 92.715 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	66.8	49.3	73.9
71	64.7	45.9	68.9

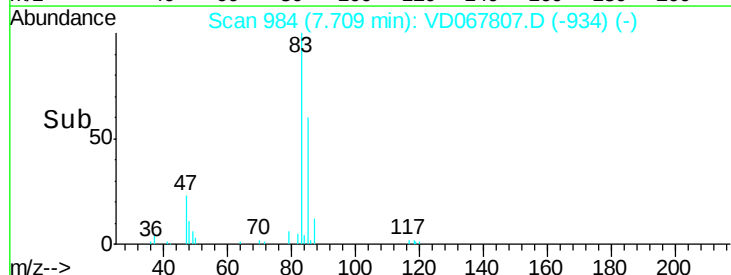
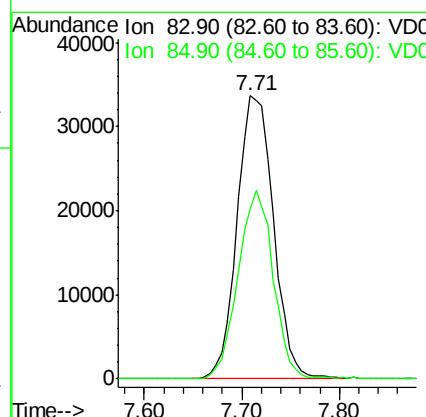
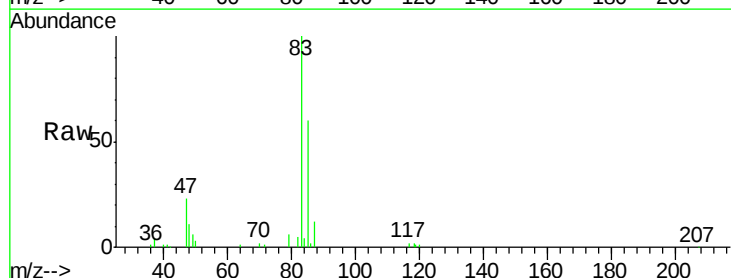
Manual Integrations
APPROVED

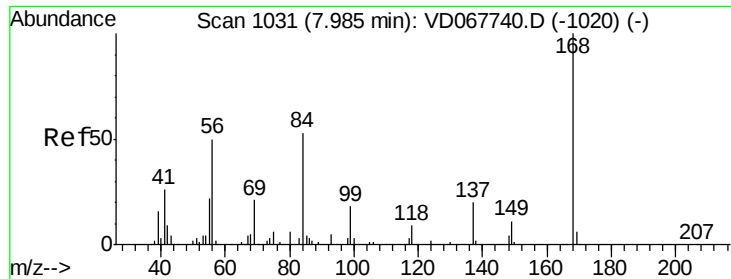
MMDadoda
12/1/2020 12:43:43 PM



#30
Chloroform
Concen: 21.473 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.9	53.1	79.7





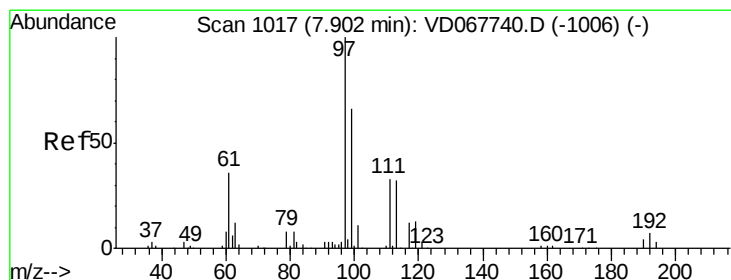
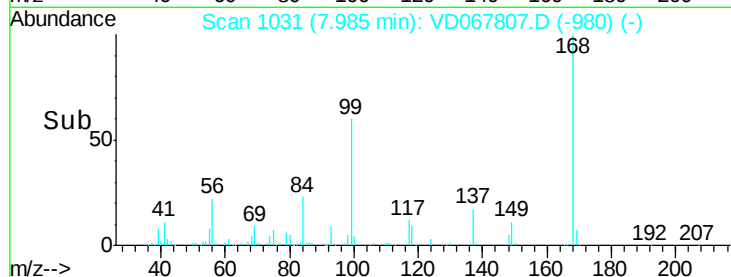
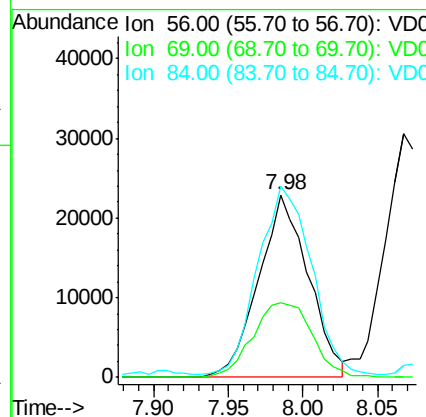
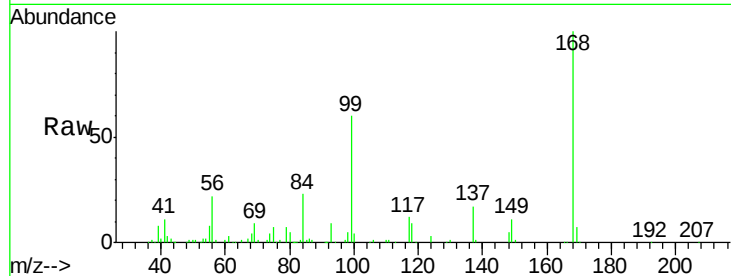
#31
Cyclohexane
Concen: 19.228 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.9	33.2	49.8	
84	103.3	84.8	127.2	

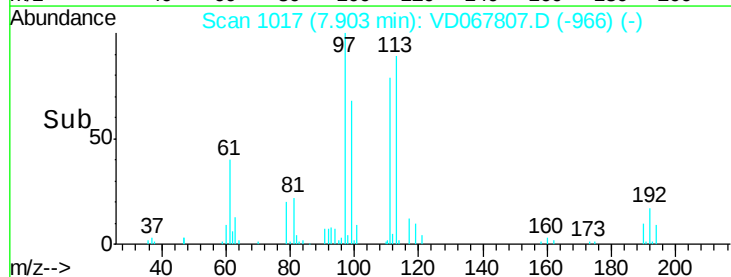
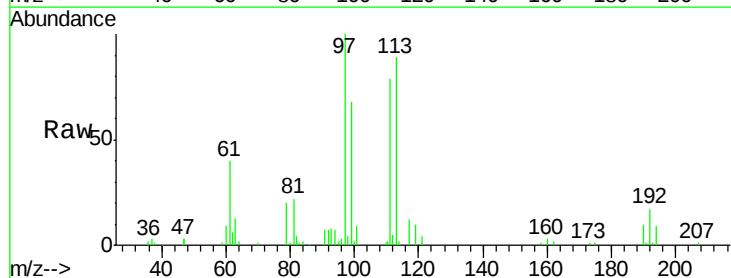
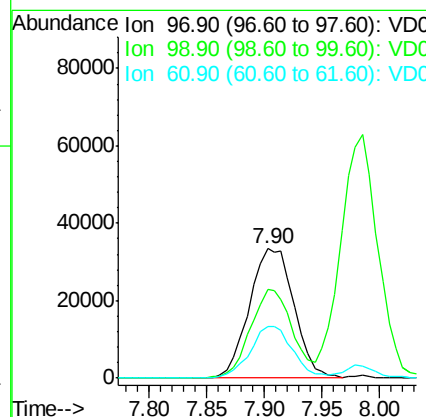
Manual Integrations
APPROVED

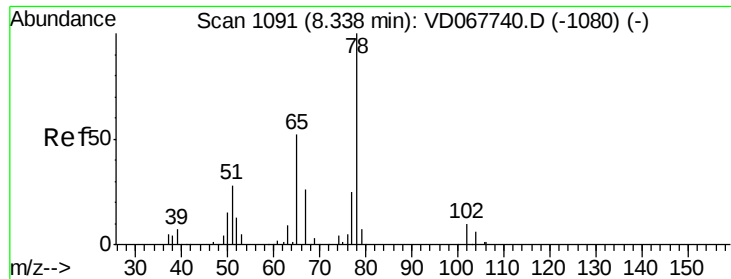
MMDadoda
12/1/2020 12:43:43 PM



#32
1,1,1-Trichloroethane
Concen: 20.868 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.7	51.1	76.7	
61	37.9	29.4	44.2	





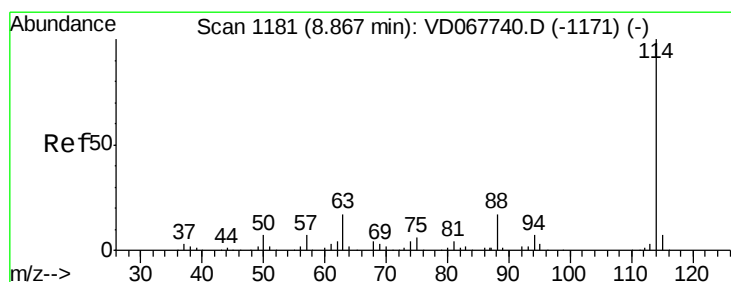
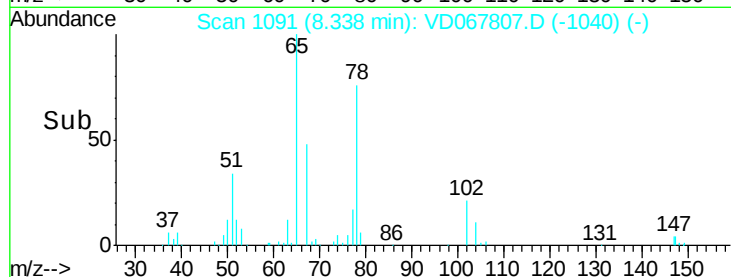
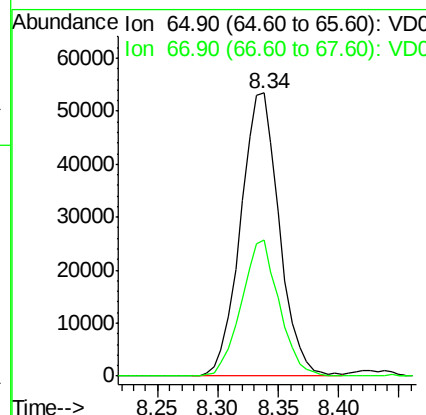
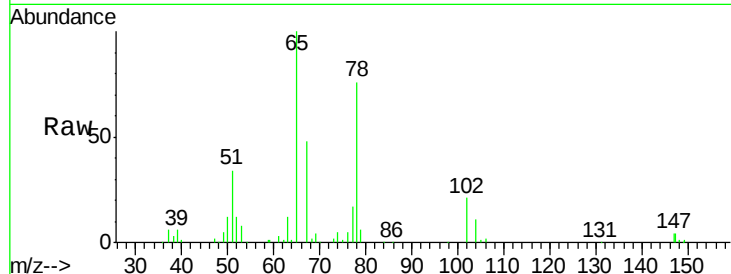
#33
 1,2-Dichloroethane-d4
 Concen: 52.167 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119273		
67	47.0	0.0	101.0	

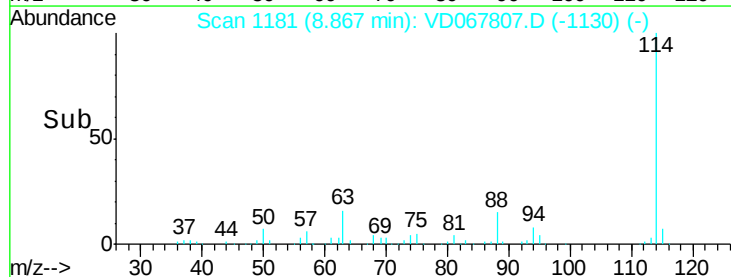
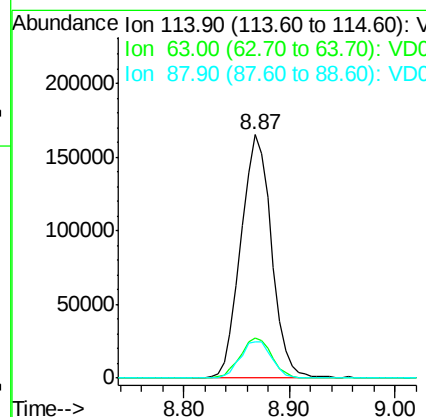
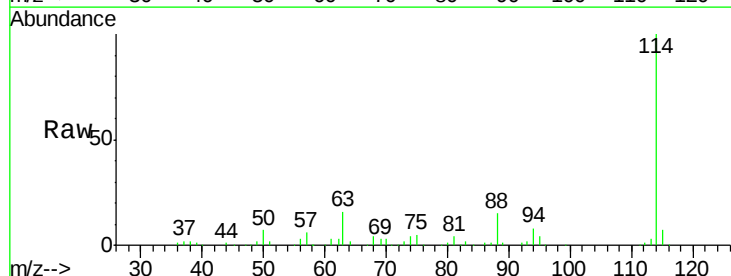
Manual Integrations
 APPROVED

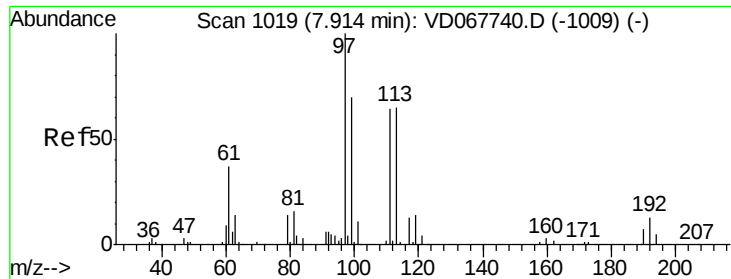
MMDadoda
 12/1/2020 12:43:43 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332616		
63	16.4	0.0	34.8	
88	15.1	0.0	34.4	





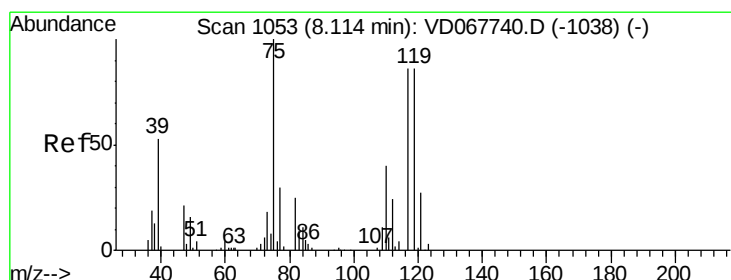
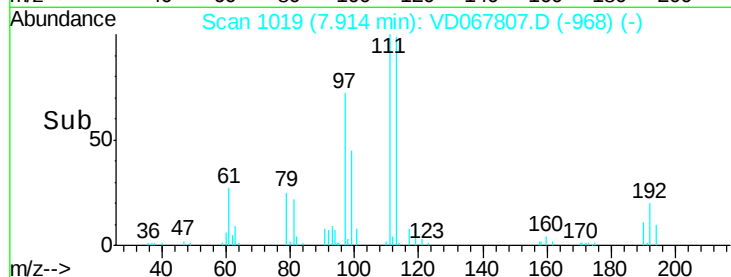
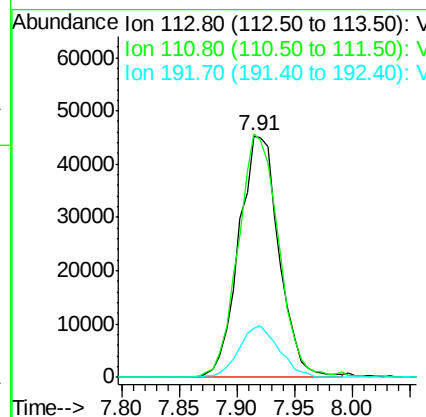
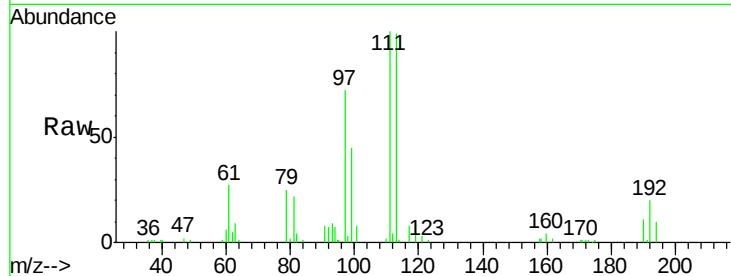
#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109112		
111	101.7	81.4	122.0	
192	21.2	17.0	25.4	

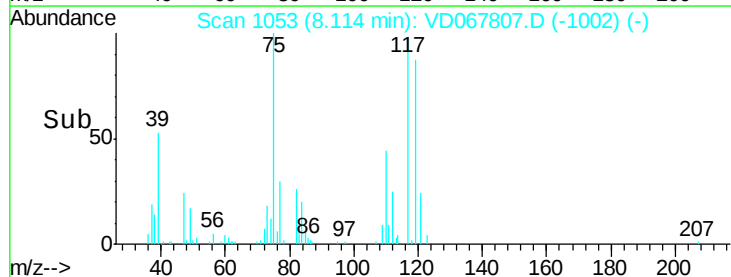
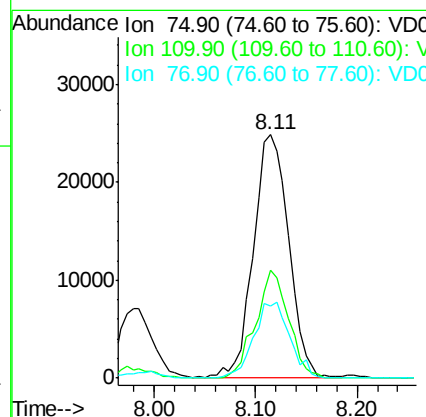
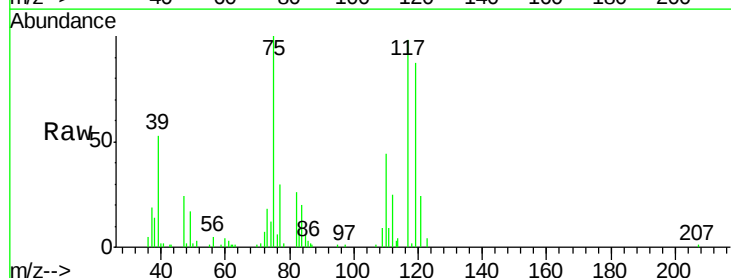
Manual Integrations
APPROVED

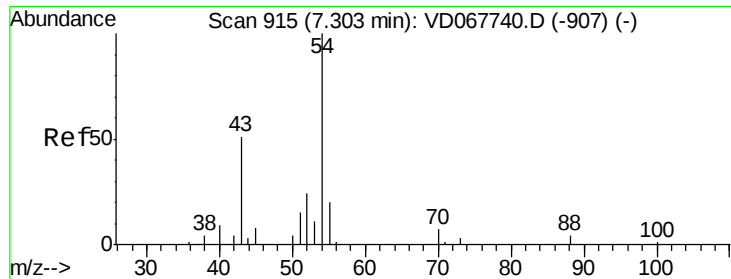
MMDadoda
12/1/2020 12:43:43 PM



#36
1,1-Dichloropropene
Concen: 21.114 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60265		
110	41.3	20.1	60.2	
77	31.9	24.8	37.2	





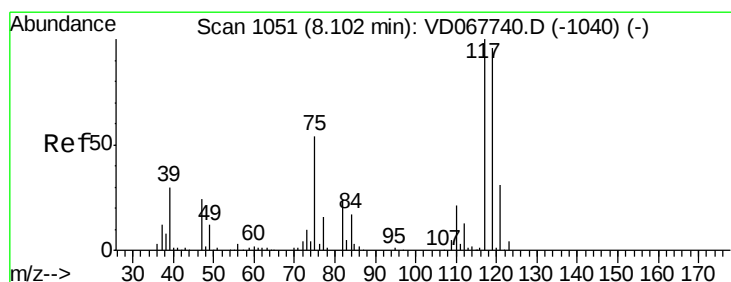
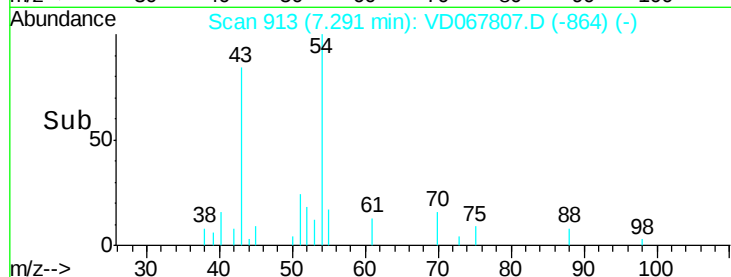
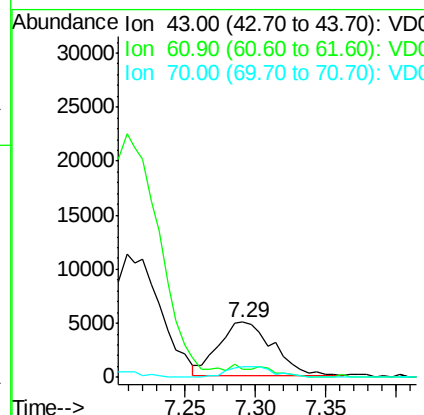
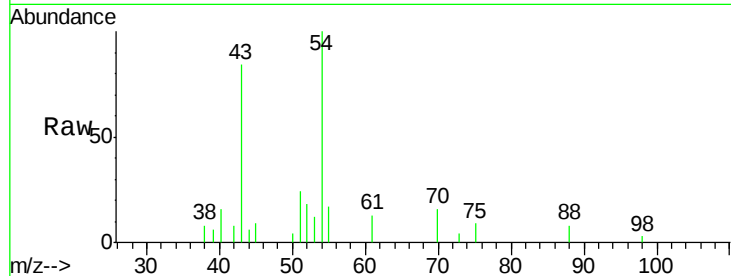
#37
Ethyl Acetate
Concen: 17.384 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	17.6	12.2	18.2

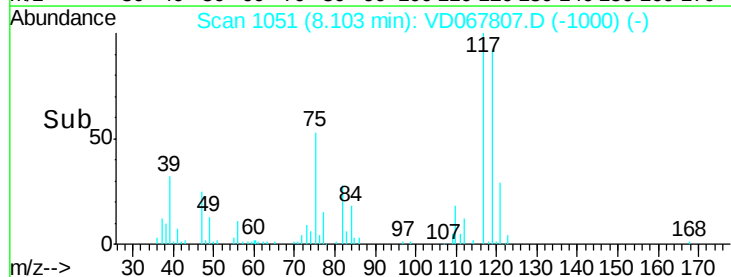
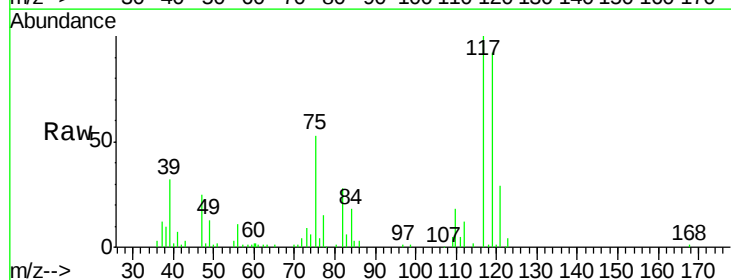
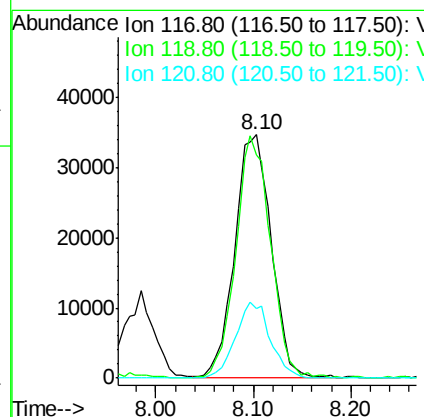
Manual Integrations
APPROVED

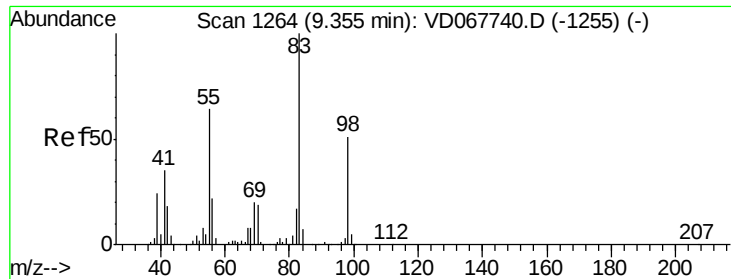
MMDadoda
12/1/2020 12:43:43 PM



#38
Carbon Tetrachloride
Concen: 21.895 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.6	115.0
121	28.5	24.5	36.7





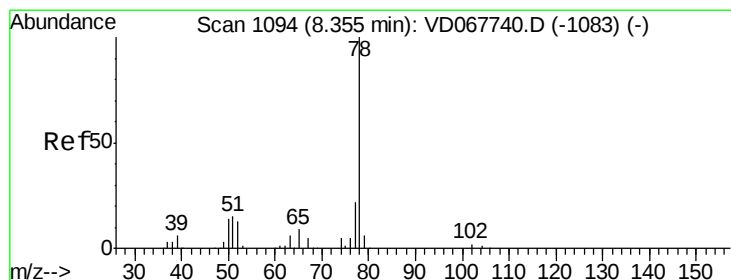
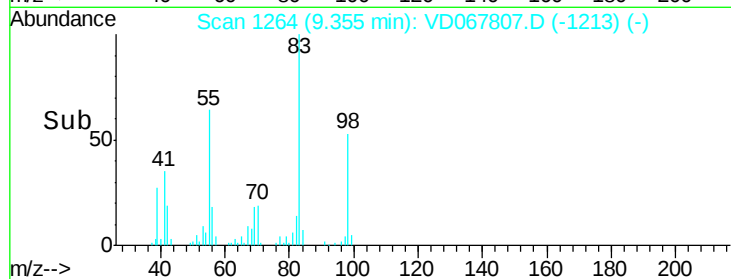
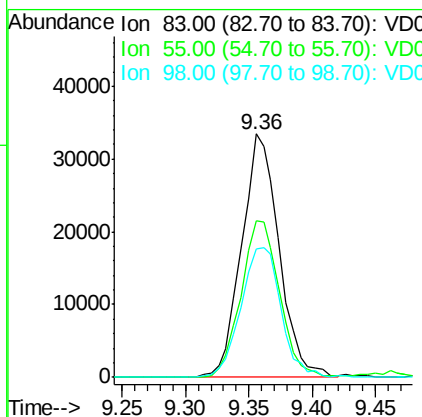
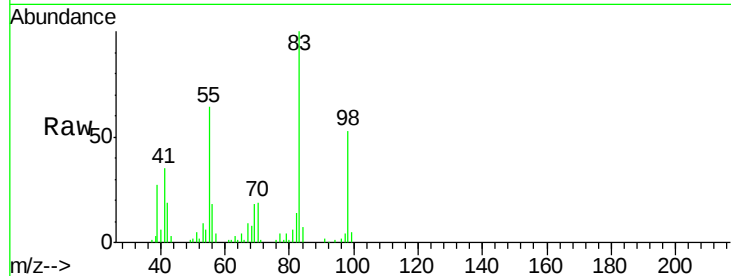
#39
Methylvlcvclohexane
Concen: 20.399 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.5	51.0	76.4
98	52.7	40.4	60.6

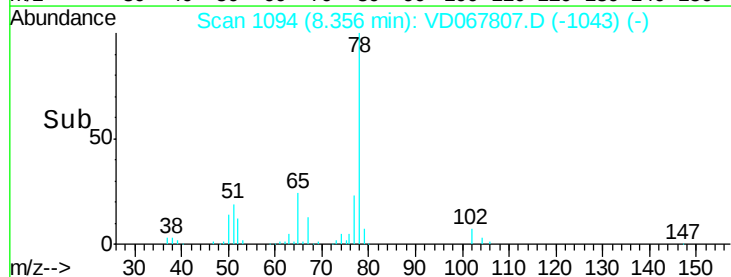
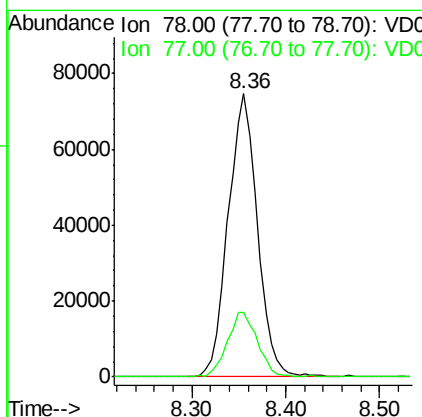
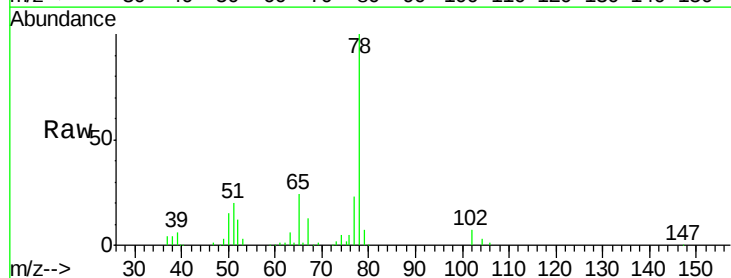
Manual Integrations
APPROVED

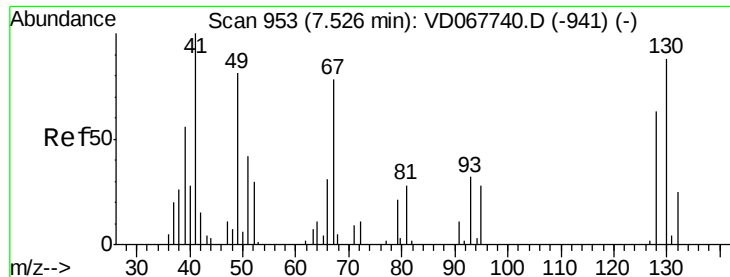
MMDadoda
12/1/2020 12:43:43 PM



#40
Benzene
Concen: 20.577 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	17.8	26.6





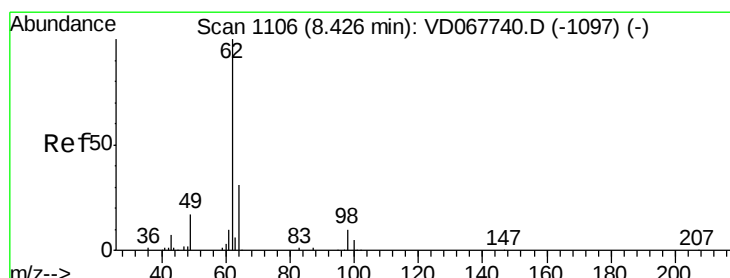
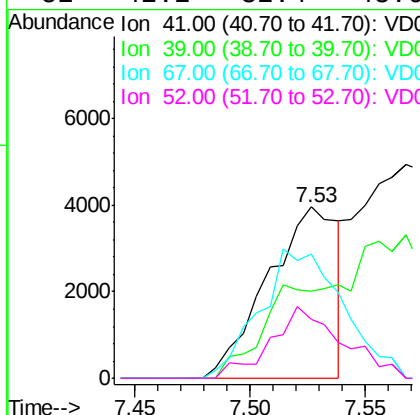
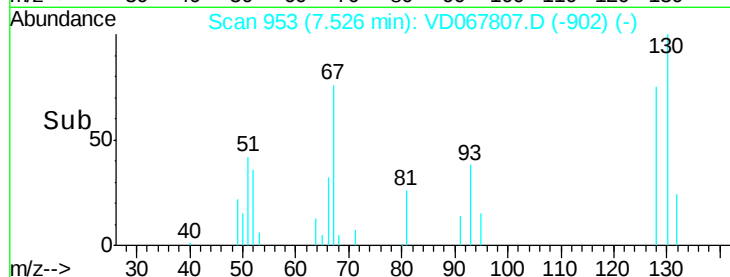
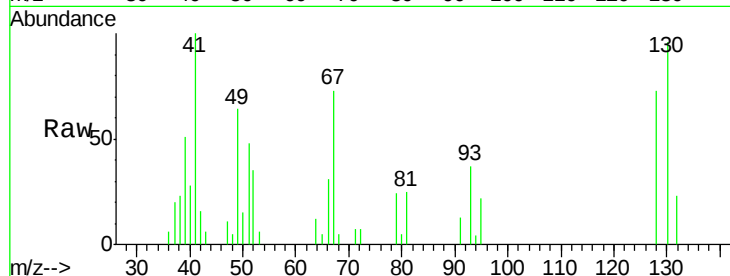
#41
Methacrylonitrile
Concen: 21.480 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	39.9	50.2	75.4#
67	88.6	79.0	118.6
52	42.2	32.4	48.6

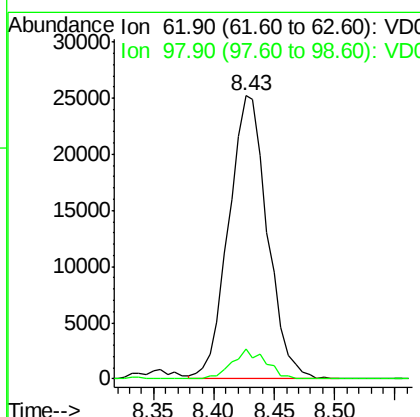
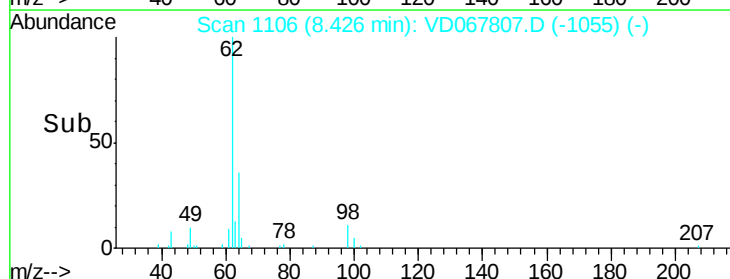
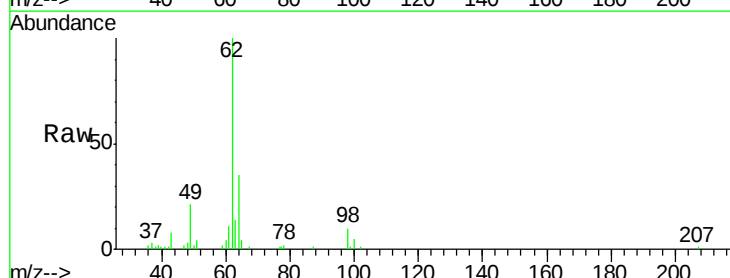
Manual Integrations
APPROVED

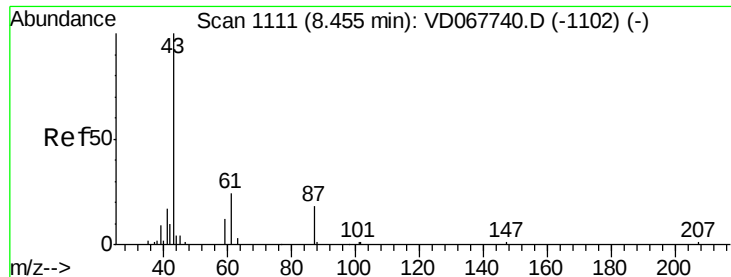
MMDadoda
12/1/2020 12:43:43 PM



#42
1,2-Dichloroethane
Concen: 21.136 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





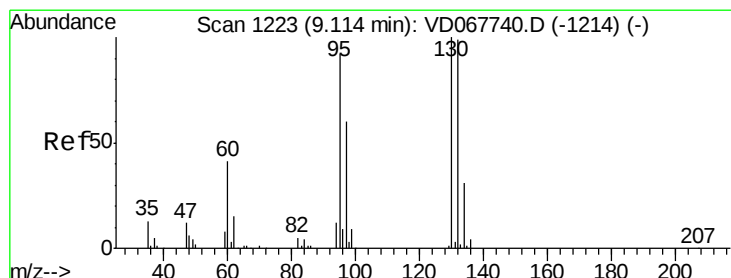
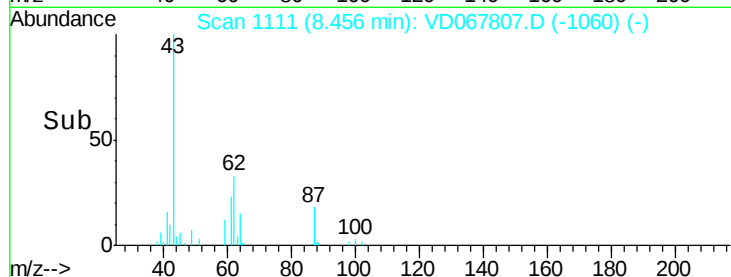
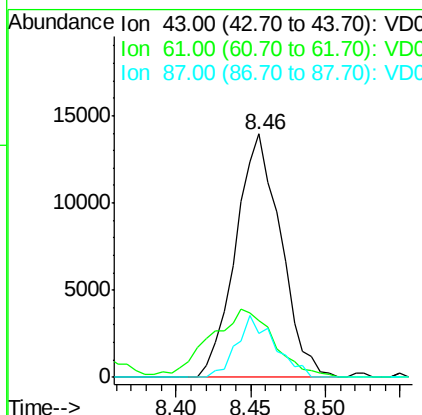
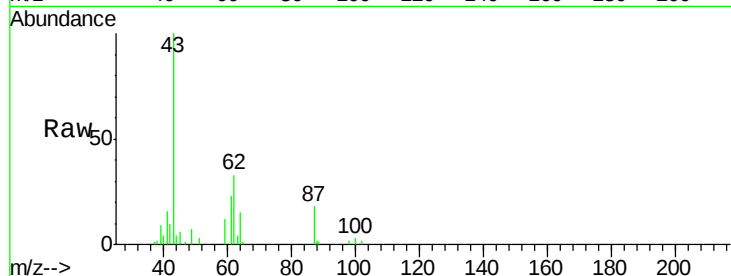
#43
Isopropyl Acetate
Concen: 19.125 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	40.0	30.2	45.4
87	21.3	14.2	21.4

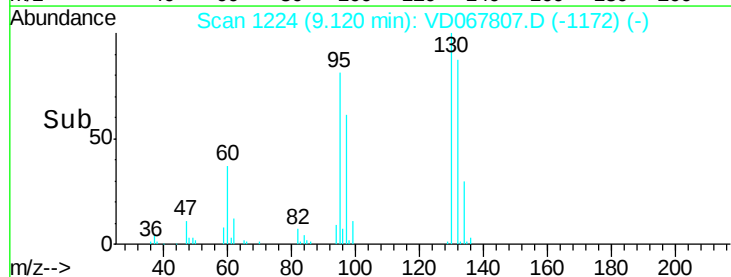
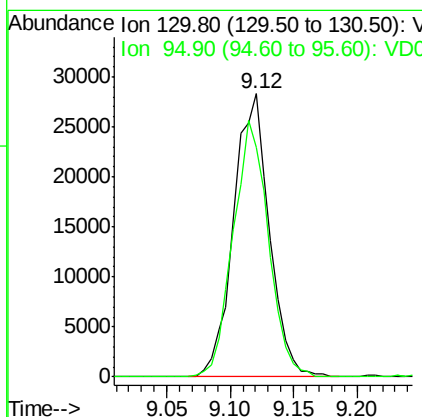
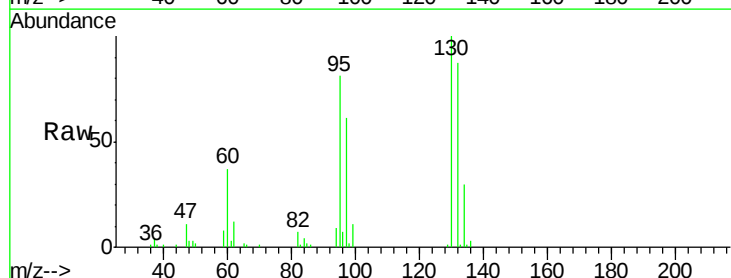
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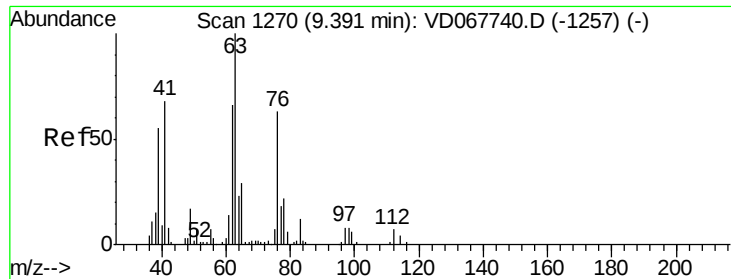
MMDadoda
12/1/2020 12:43:43 PM



#44
Trichloroethene
Concen: 21.267 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	81.3	0.0	184.2





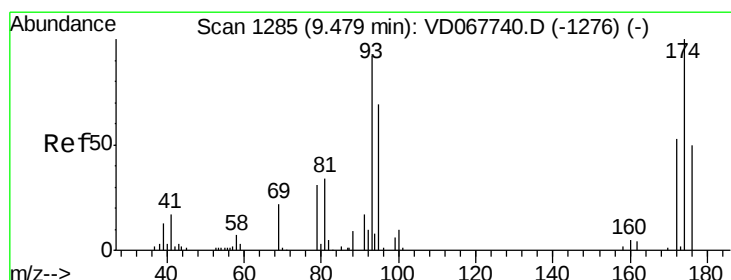
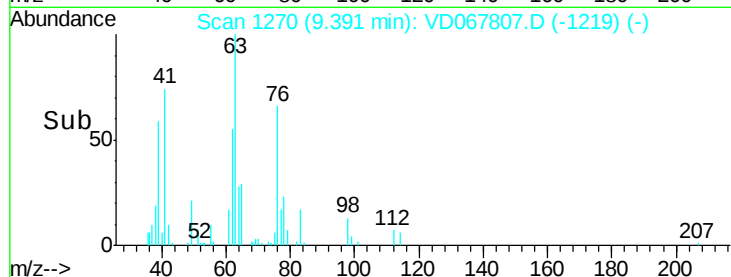
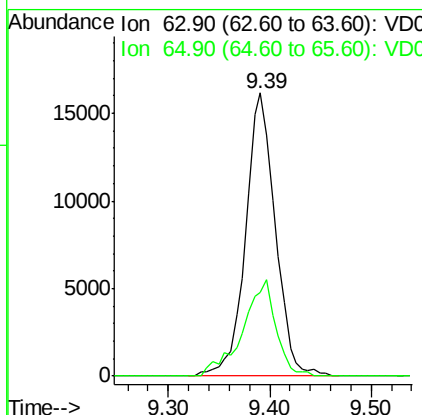
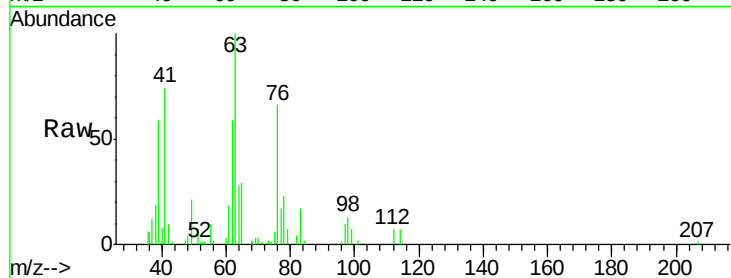
#45
 1,2-Dichloropropane
 Concen: 20.393 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion: 63 Resp: 32802
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.1 34.7

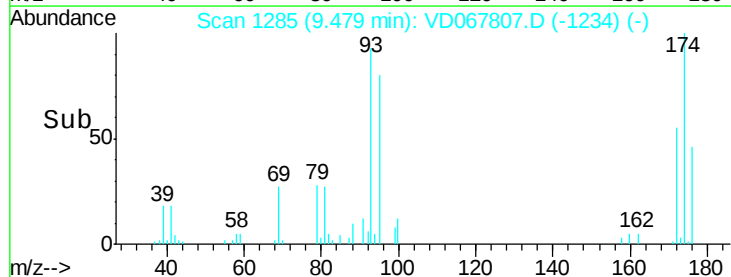
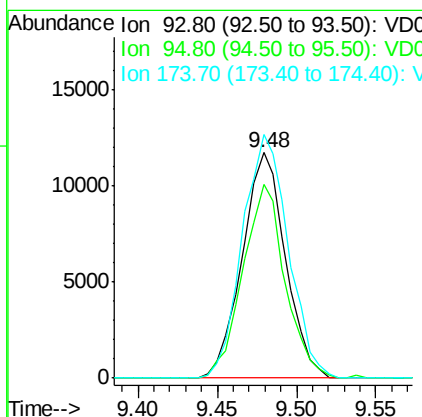
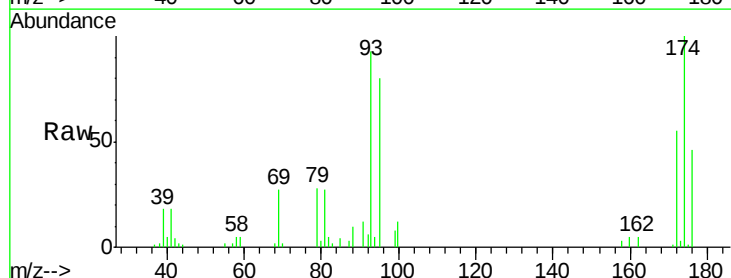
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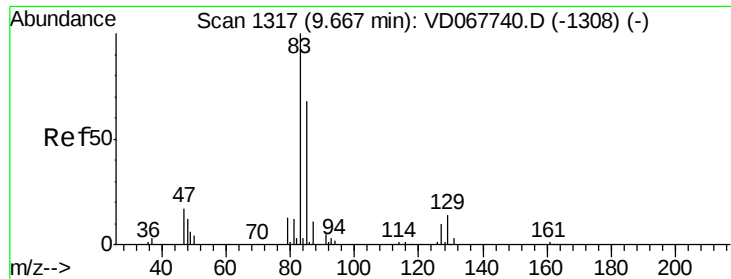
MMDadoda
 12/1/2020 12:43:43 PM



#46
 Dibromomethane
 Concen: 20.290 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 93 Resp: 22219
 Ion Ratio Lower Upper
 93 100
 95 84.1 63.4 95.2
 174 114.5 89.6 134.4





#47

Bromodichloromethane

Concen: 21.149 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

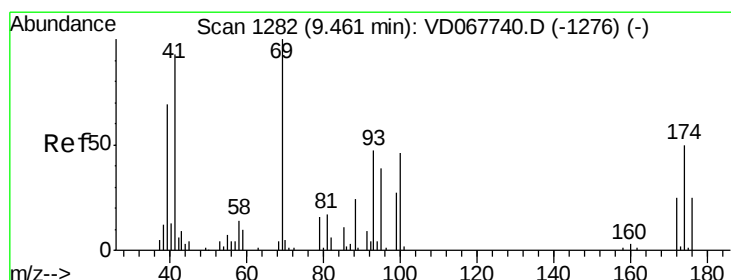
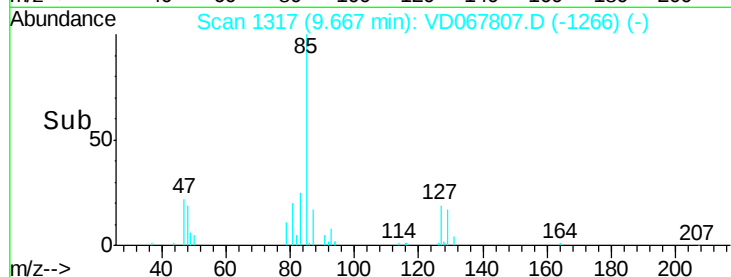
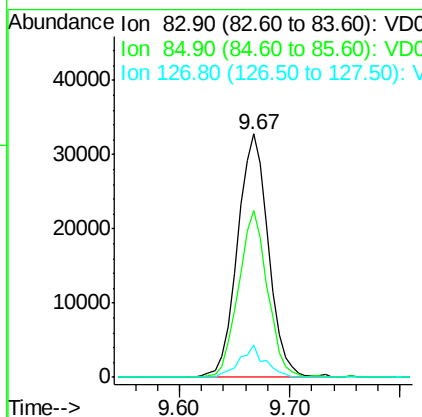
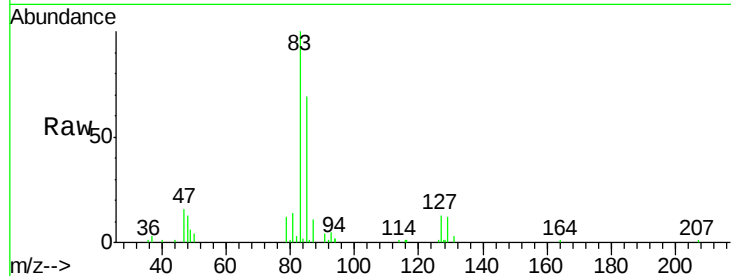
ClientSampleId :

VD1130SBS01

Tot Ion:	83	Resp:	64491
Ion Ratio	Lower	Upper	
83	100		
85	68.7	54.2	81.2
127	13.2	7.6	11.4#

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#48

Methyl methacrylate

Concen: 19.288 ug/l

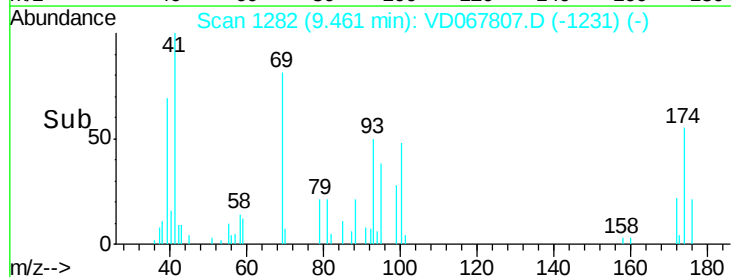
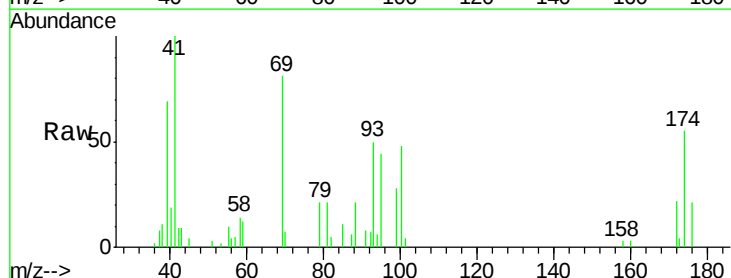
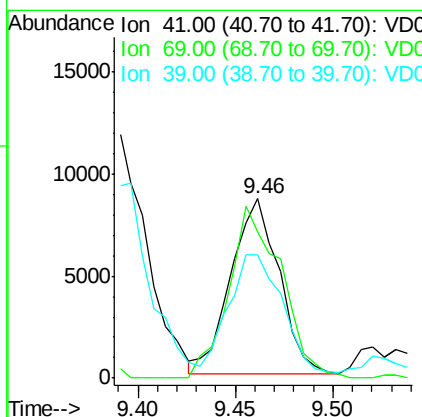
RT: 9.46 min Scan# 1282

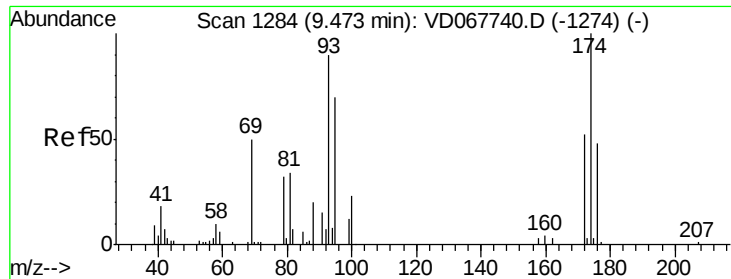
Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	41	Resp:	14779
Ion Ratio	Lower	Upper	
41	100		
69	106.4	87.8	131.6
39	73.4	60.5	90.7





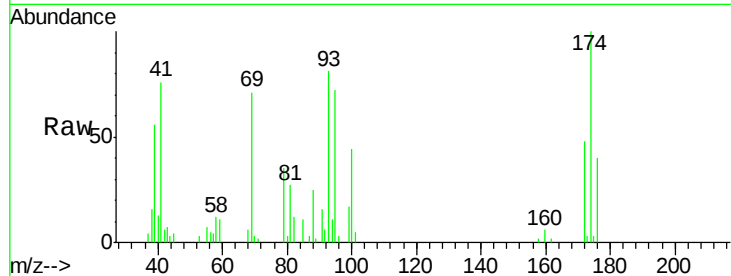
#49
1,4-Dioxane
Concen: 362.668 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

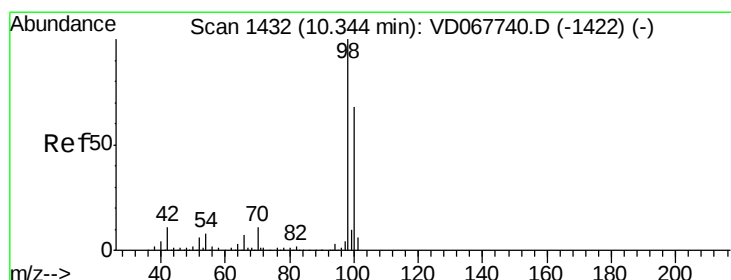
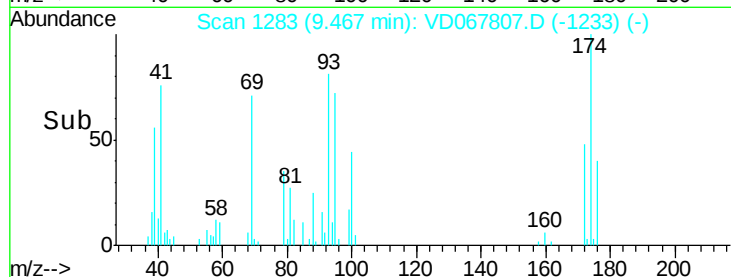
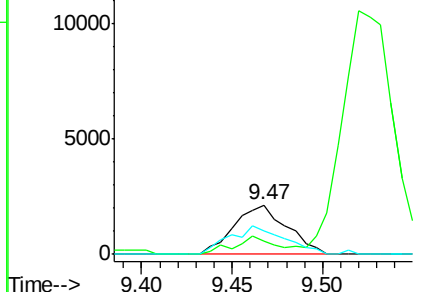
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	25.2	37.8
58	60.8	48.2	72.2

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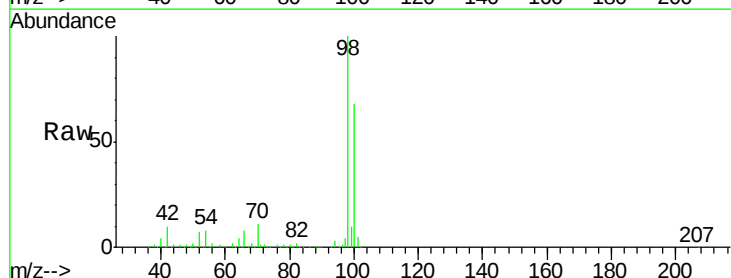


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

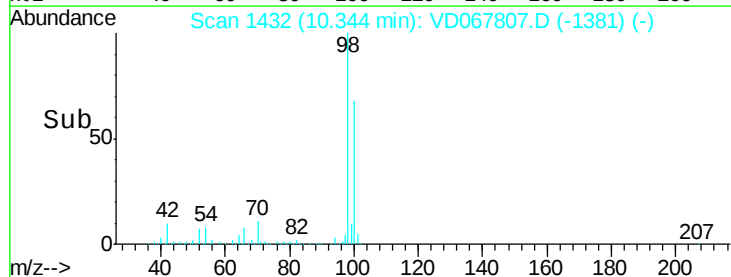
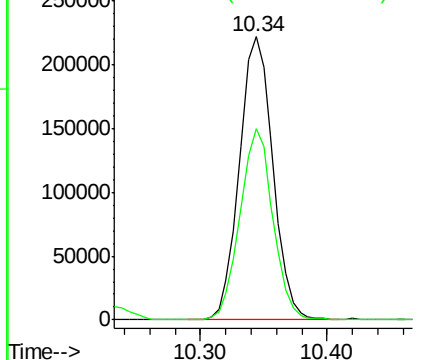


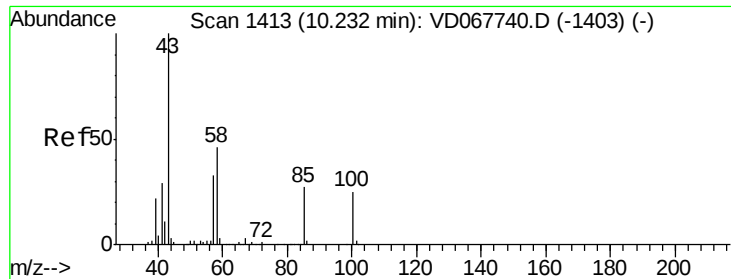
#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 96.540 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 43 Resp: 69625

Ion Ratio Lower Upper

43 100

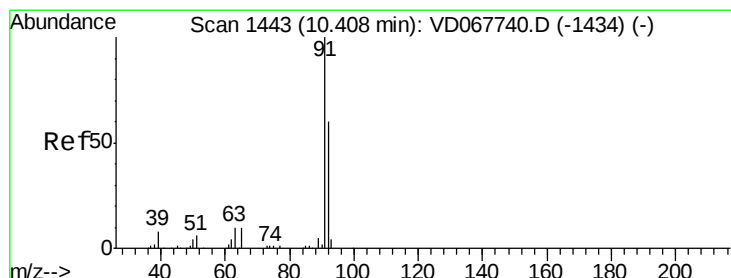
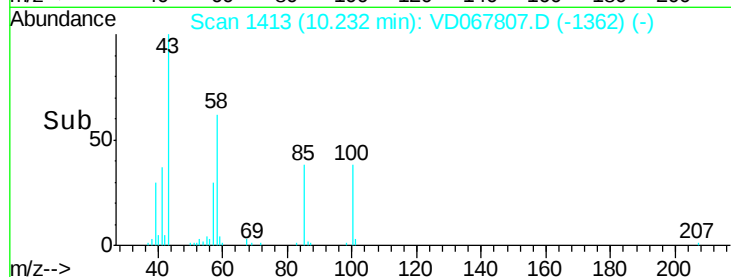
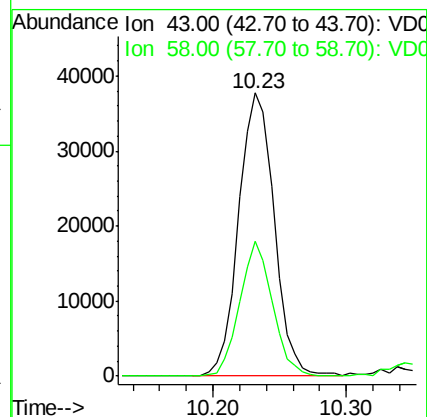
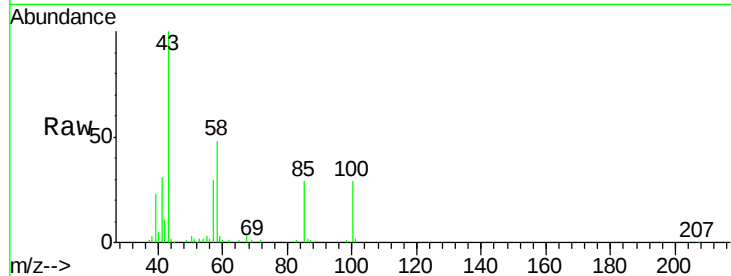
58 43.9 34.7 52.1

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#52

Toluene

Concen: 21.704 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067807.D

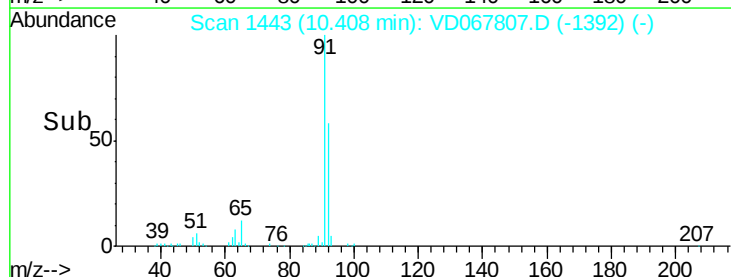
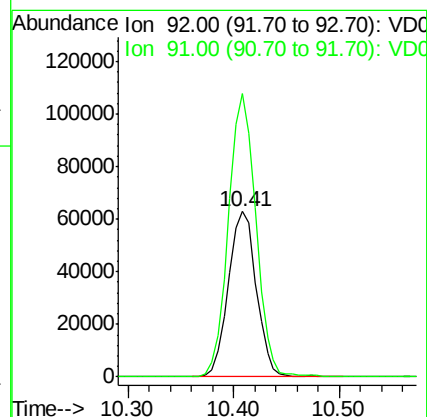
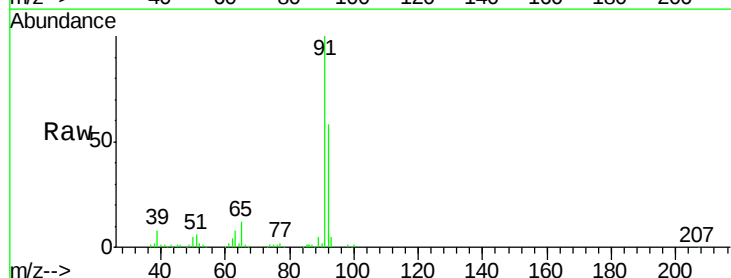
Acq: 30 Nov 2020 11:34

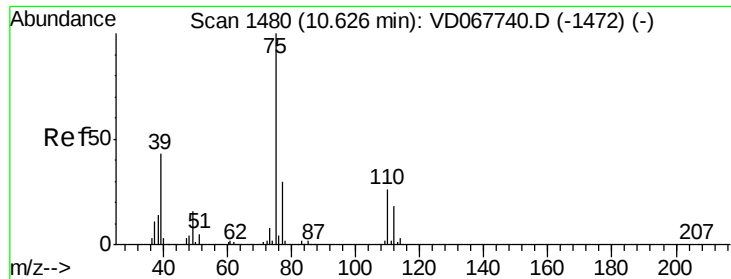
Tgt Ion: 92 Resp: 115417

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0





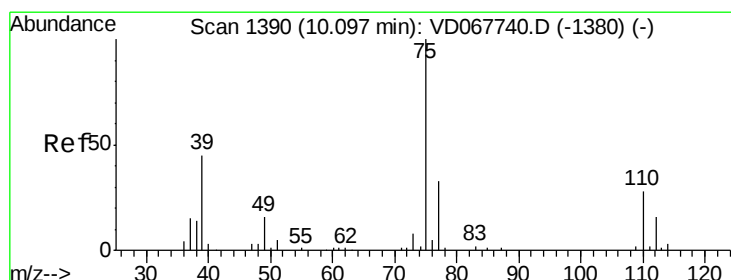
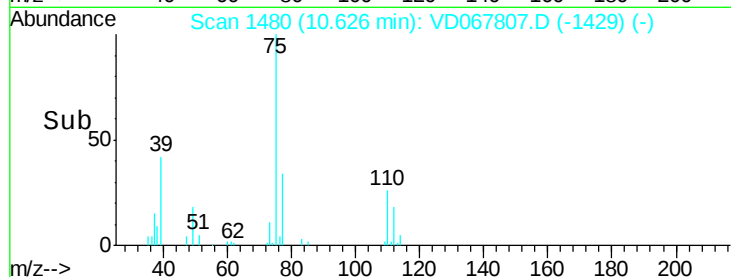
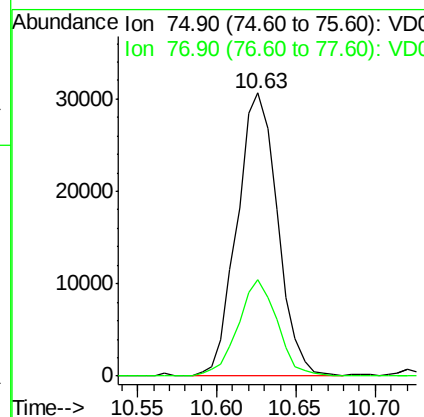
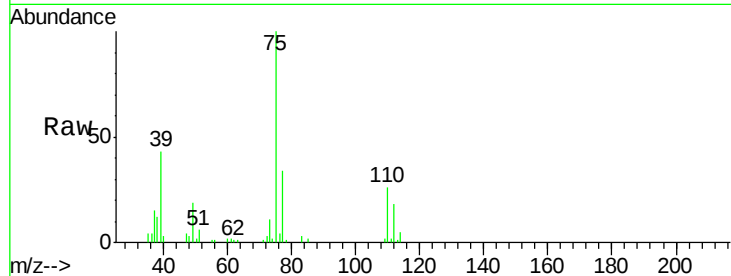
#53
t-1,3-Dichloropropene
Concen: 20.419 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion: 75 Resp: 54400
Ion Ratio Lower Upper
75 100
77 34.0 24.2 36.4

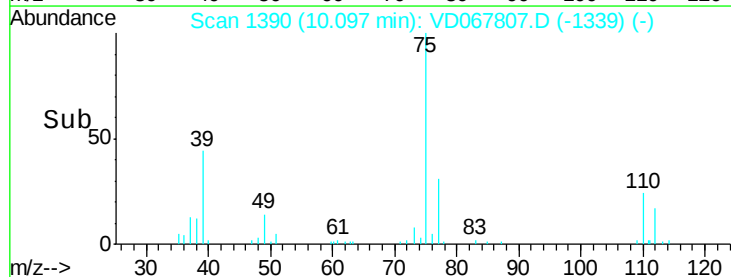
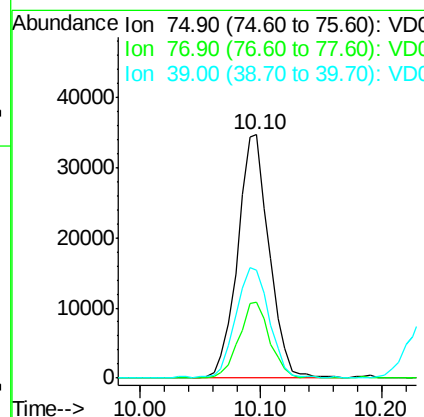
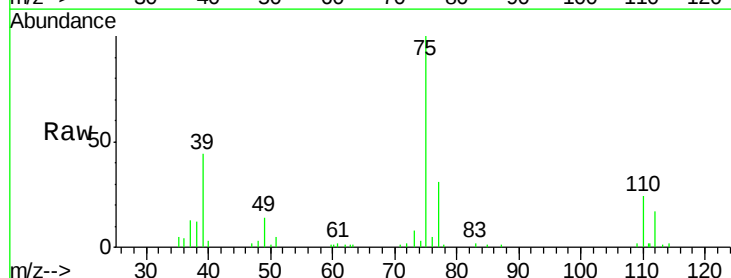
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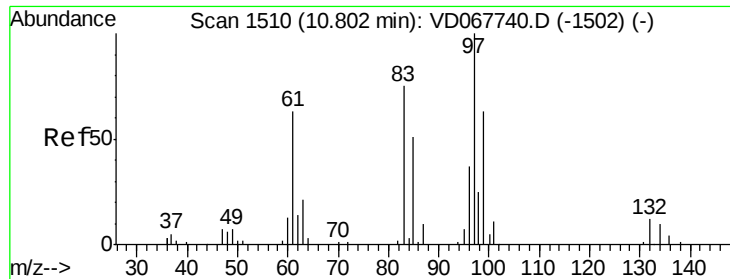
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#54
cis-1,3-Dichloropropene
Concen: 20.967 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 75 Resp: 63217
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 44.4 35.8 53.6





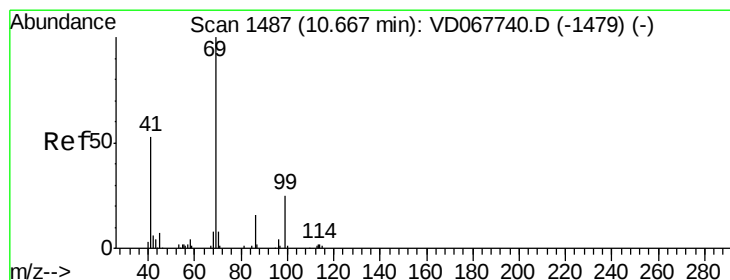
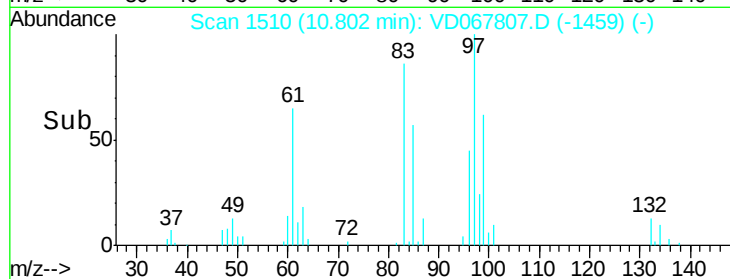
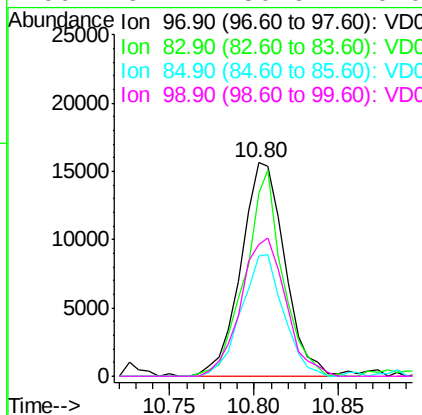
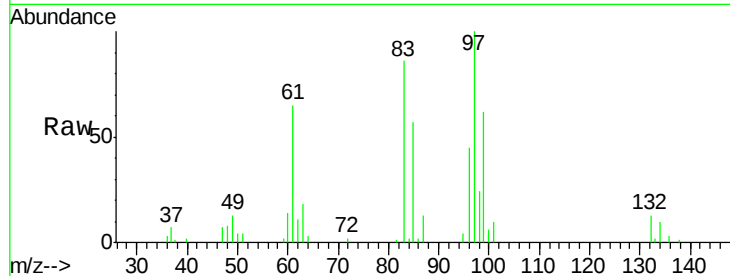
#55
1,1,2-Trichloroethane
Concen: 19.258 ug/l
RT: 10.80 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.9	60.2	90.4
85	56.6	40.5	60.7
99	61.7	50.6	76.0

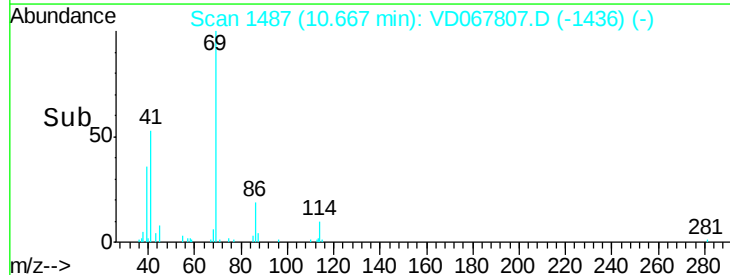
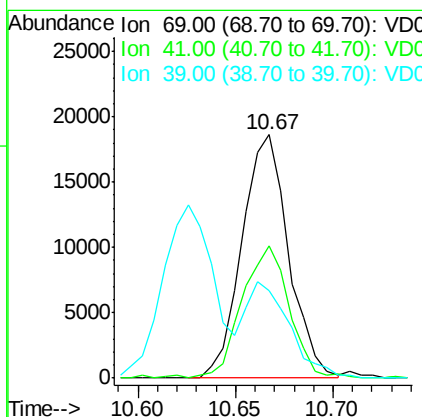
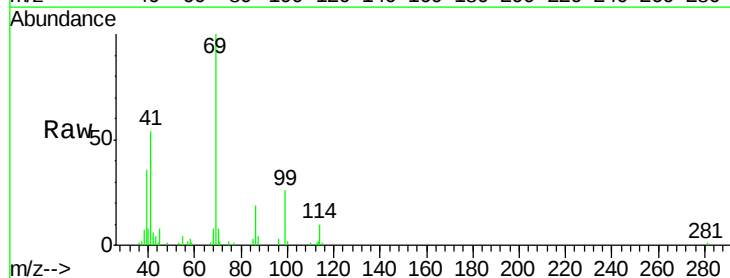
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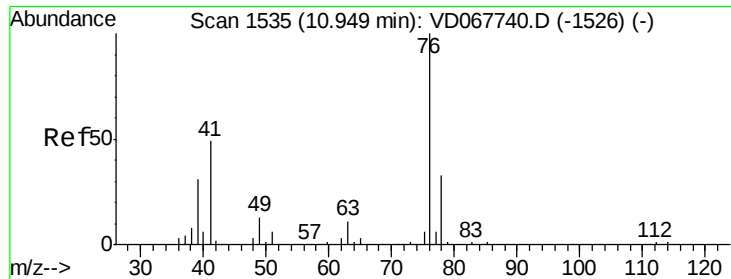
MMDadoda
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#56
Ethyl methacrylate
Concen: 20.205 ug/l
RT: 10.67 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.6	43.4	65.0
39	37.4	29.6	44.4





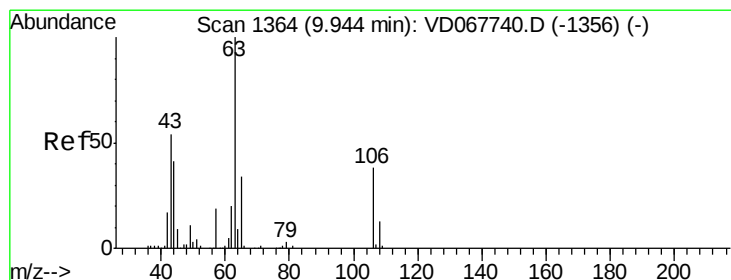
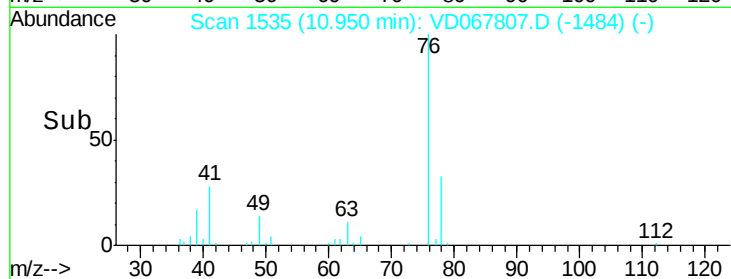
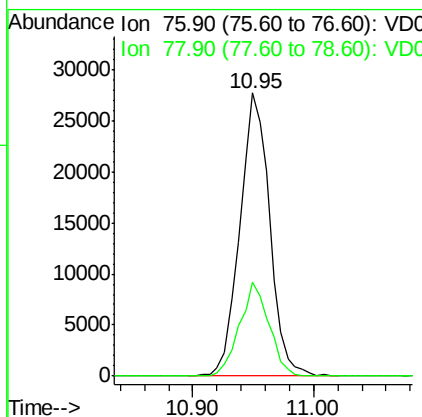
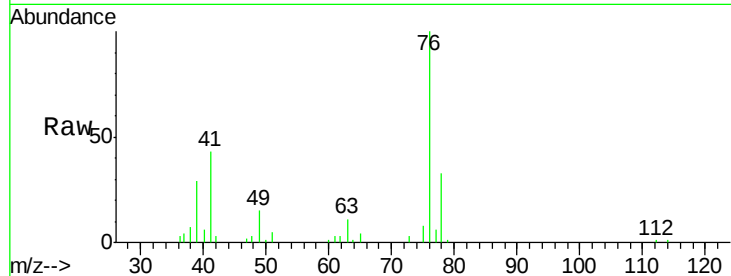
#57
 1,3-Dichloropropane
 Concen: 20.629 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion: 76 Resp: 47792
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

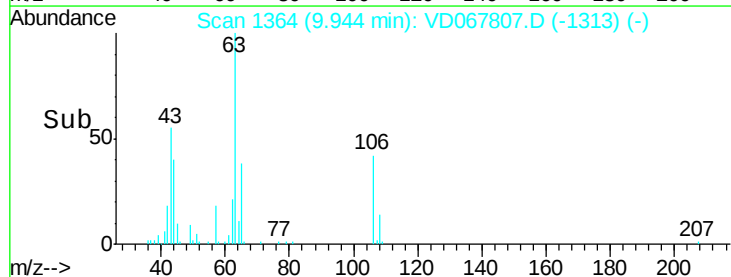
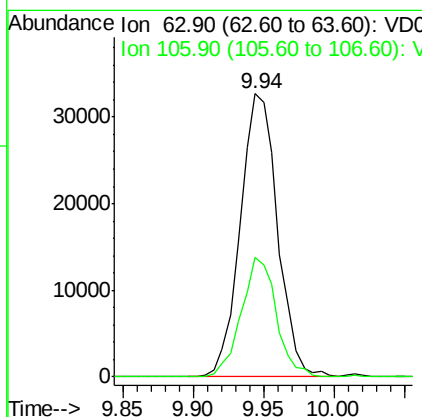
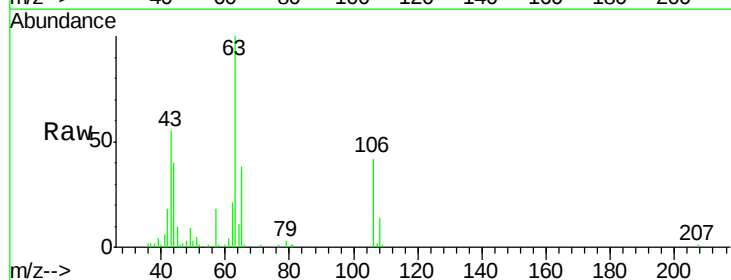
Manual Integrations
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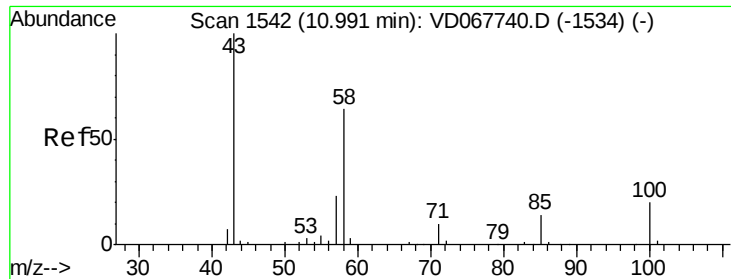
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.046 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 63 Resp: 60450
 Ion Ratio Lower Upper
 63 100
 106 39.7 31.0 46.6





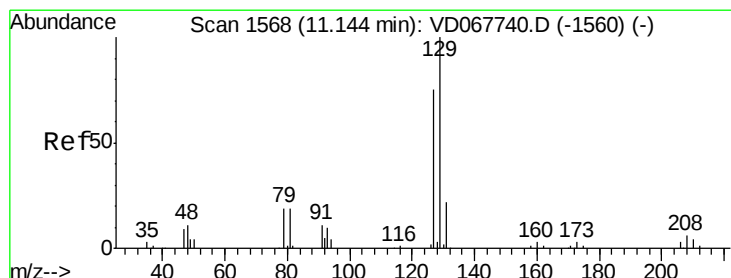
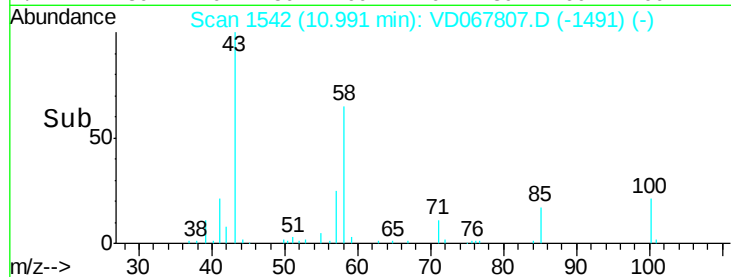
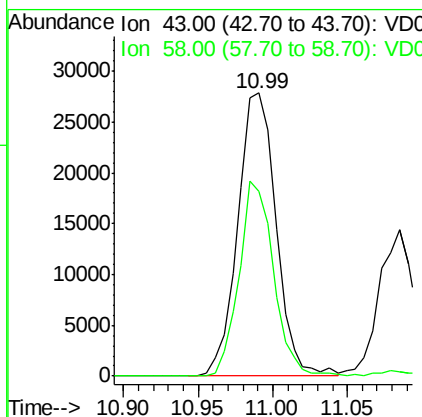
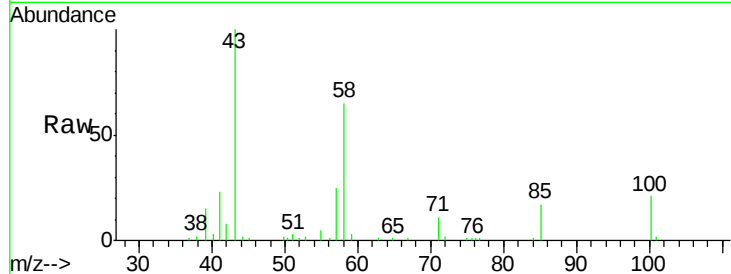
#59
2-Hexanone
Concen: 97.623 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	61.7		30.5	91.5	

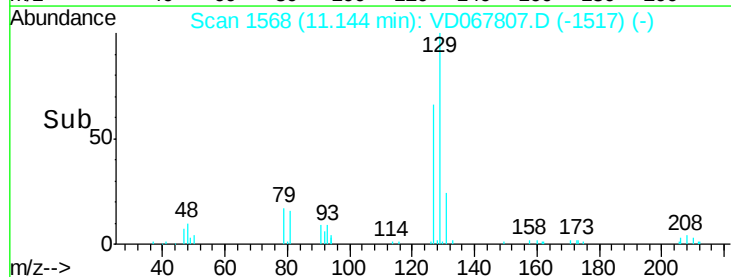
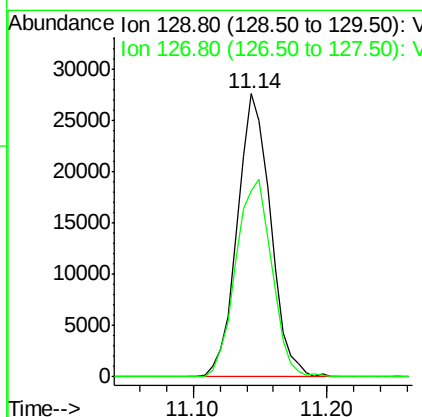
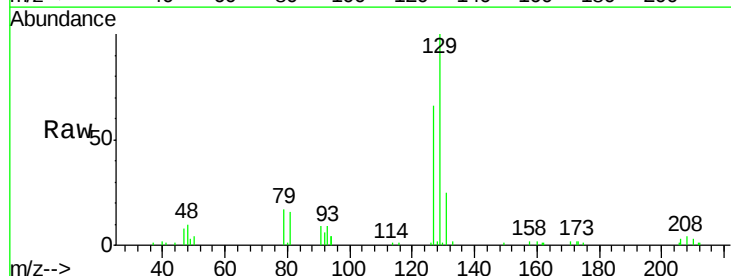
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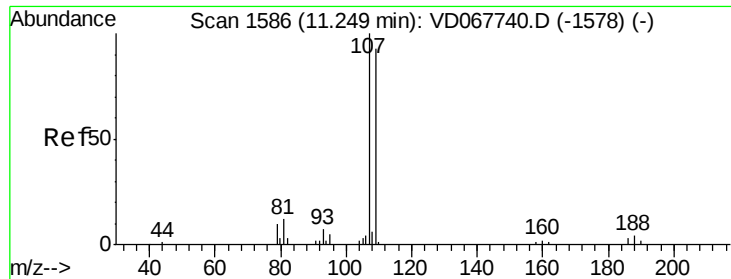
MMDadoda
12/1/2020 12:43:43 PM



#60
Dibromochloromethane
Concen: 21.273 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127	75.6		38.6	115.7	





#61

1,2-Dibromoethane

Concen: 20.088 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 107 Resp: 29083

Ion Ratio Lower Upper

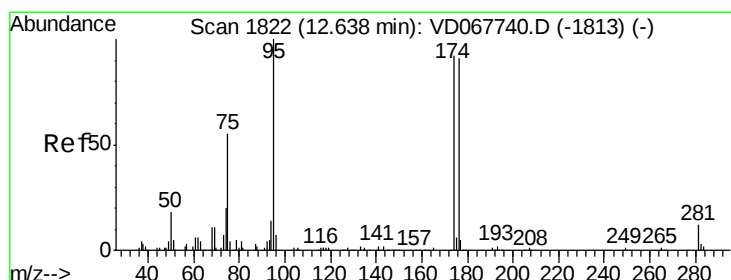
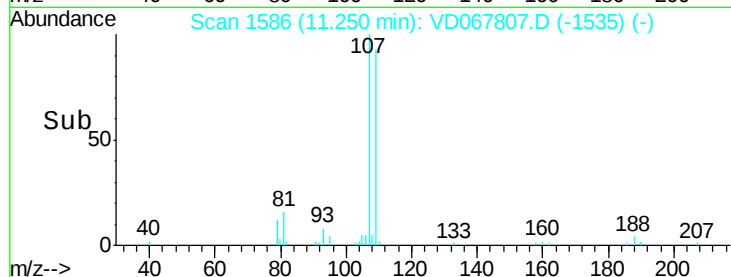
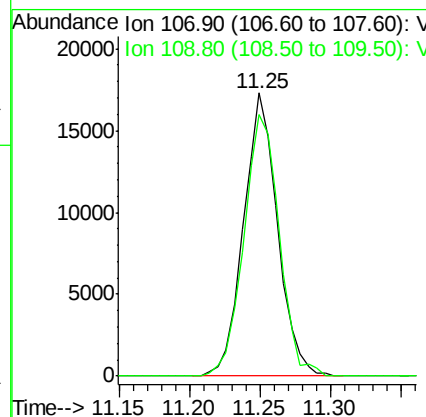
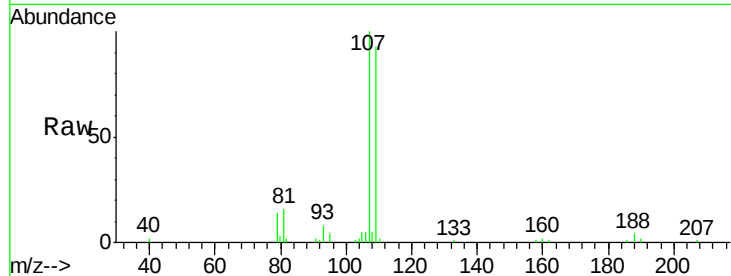
107 100

109 96.5 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 53.331 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

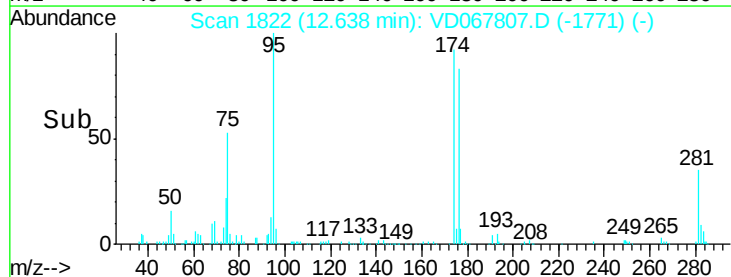
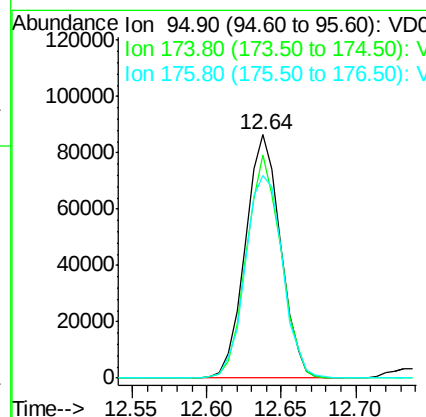
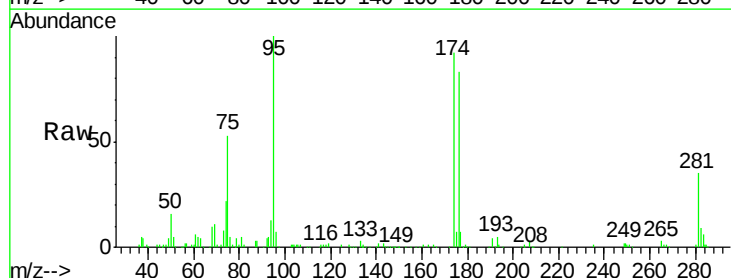
Tgt Ion: 95 Resp: 141073

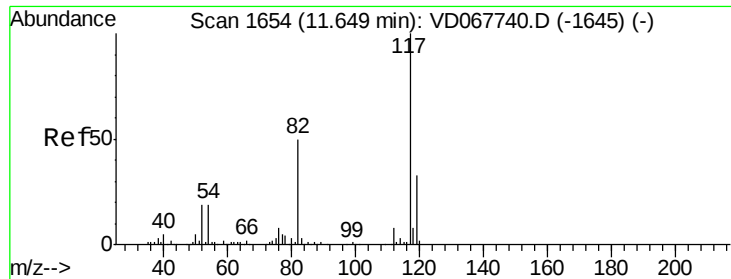
Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.4

176 88.1 0.0 178.2





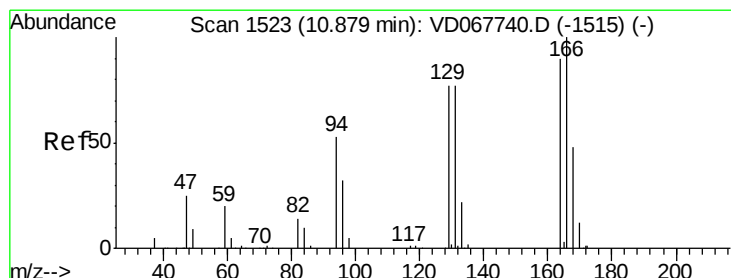
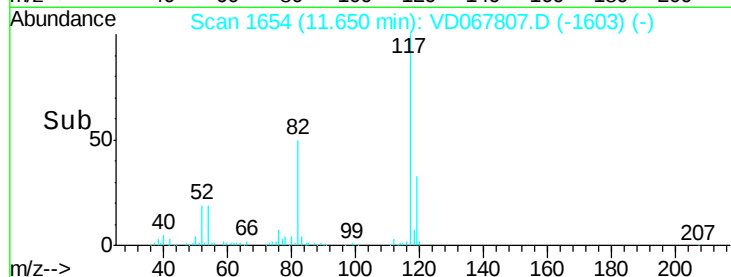
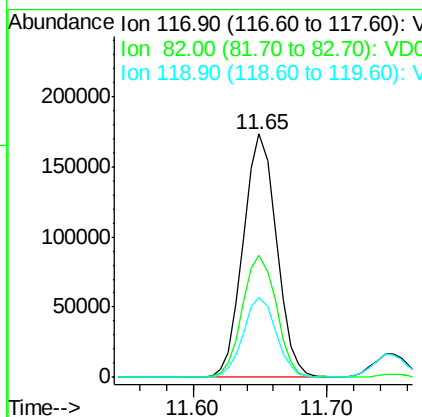
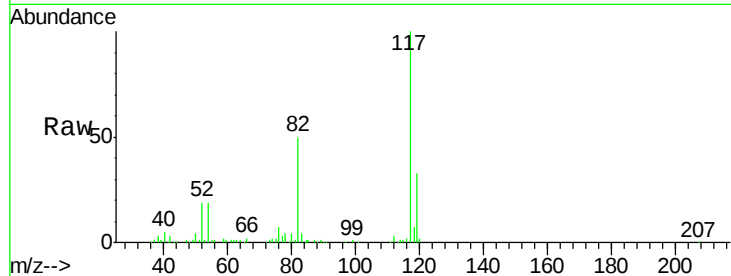
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300342		
82	50.0		40.2	60.4
119	32.9		26.5	39.7

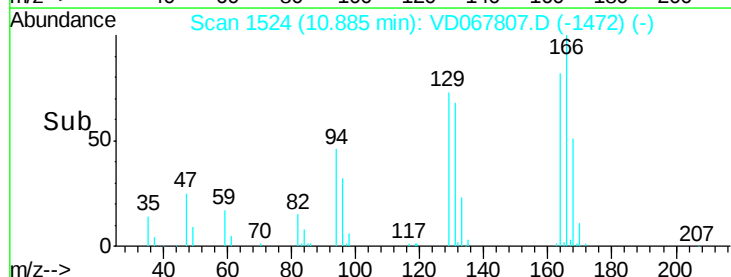
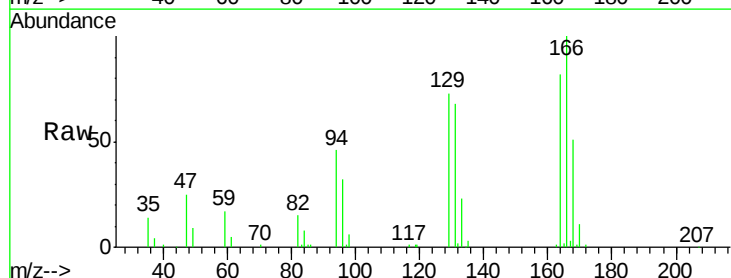
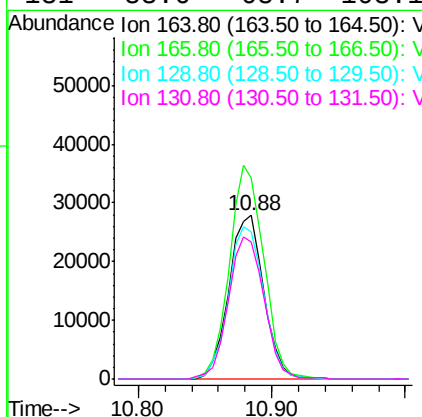
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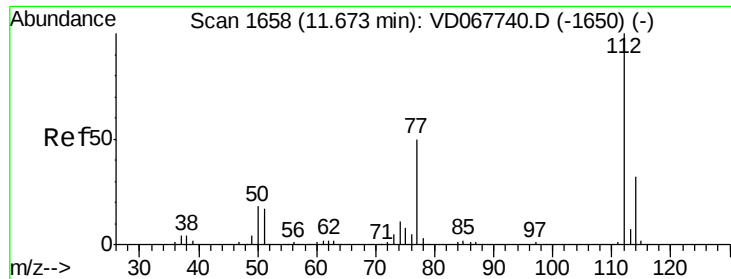
MMDadoda
12/1/2020 12:43:43 PM



#64
Tetrachloroethene
Concen: 21.778 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50767		
166	122.6		89.2	133.8
129	89.9		68.4	102.6
131	83.6		68.7	103.1





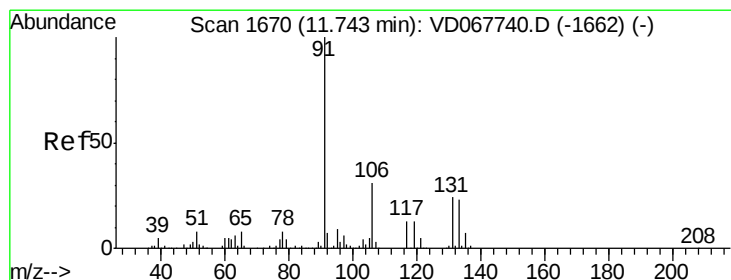
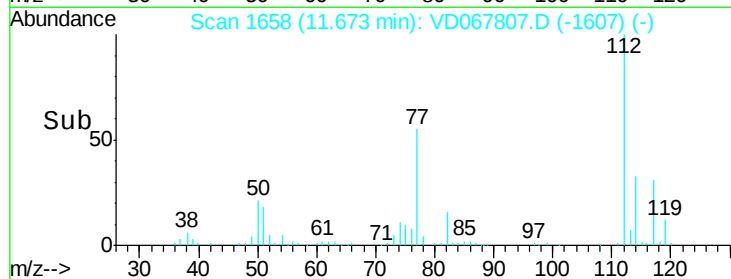
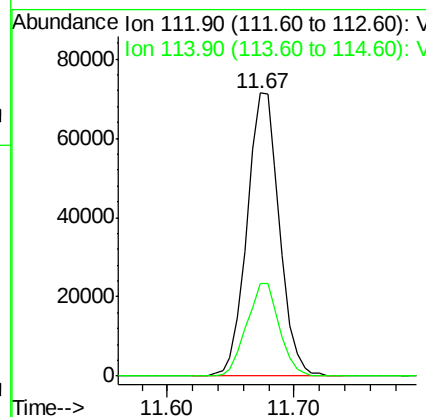
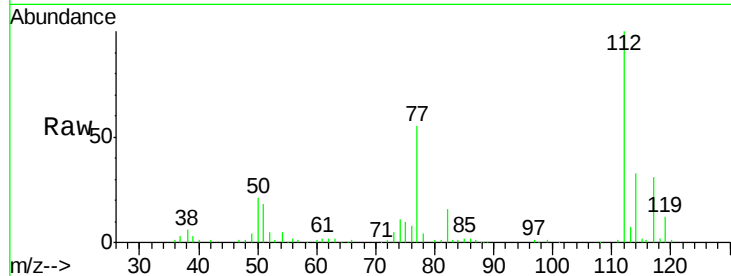
#65
Chlorobenzene
Concen: 21.454 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.8	38.8

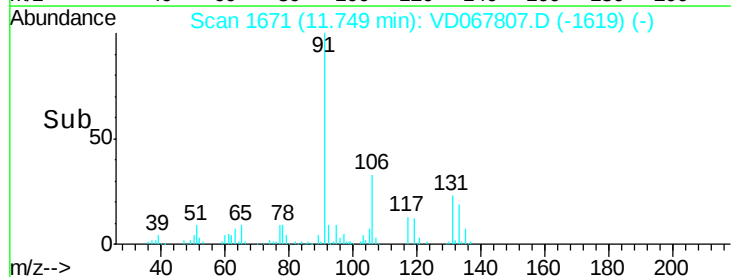
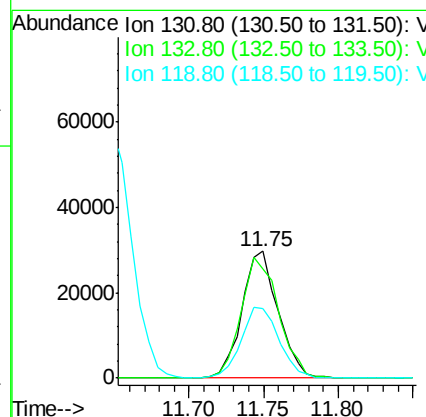
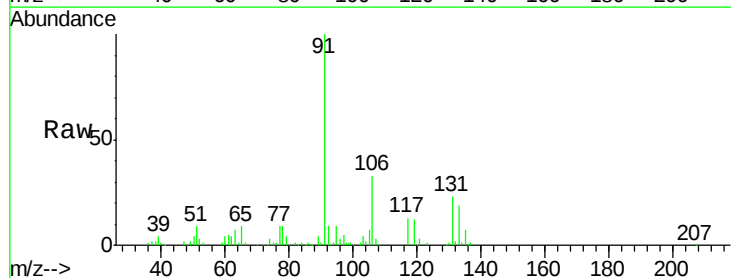
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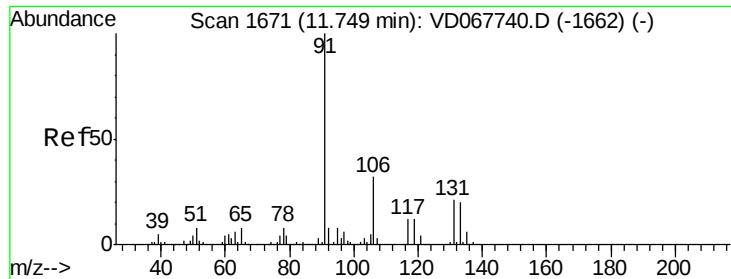
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.890 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.1	49.0	147.0
119	59.3	28.8	86.5





#67

Ethyl Benzene

Concen: 21.506 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 91 Resp: 219165

Ion Ratio Lower Upper

91 100

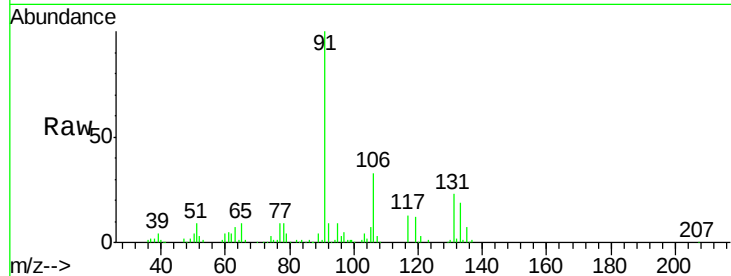
106 32.8 25.7 38.5

Manual Integrations

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MMDadoda

12/1/2020 12:43:43 PM



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD067740.D (-1662) (-)

200000

150000

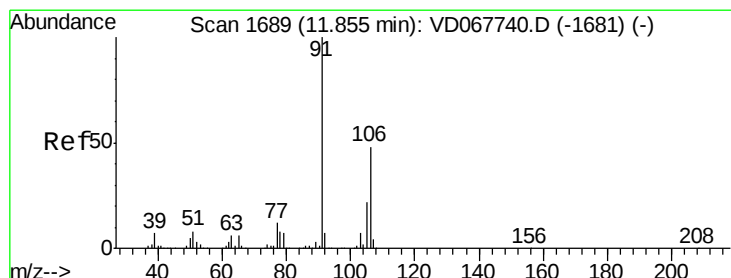
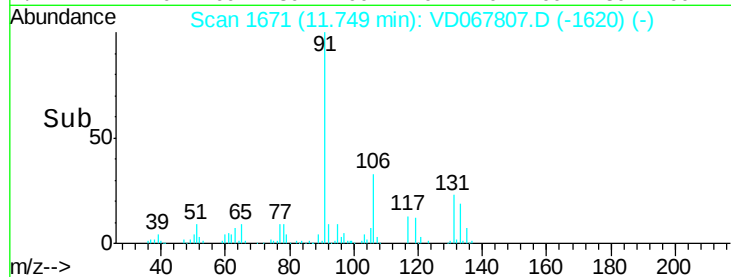
100000

50000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 44.083 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067807.D

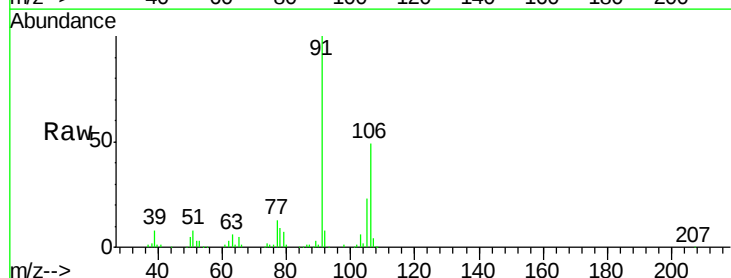
Acq: 30 Nov 2020 11:34

Tgt Ion: 106 Resp: 174820

Ion Ratio Lower Upper

106 100

91 202.0 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VD067740.D (-1681) (-)

Ion 91.00 (90.70 to 91.70): VD067740.D (-1681) (-)

200000

150000

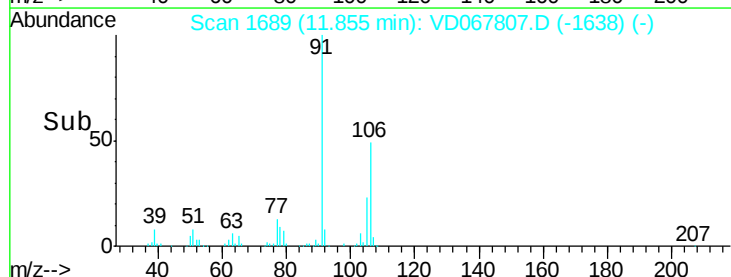
100000

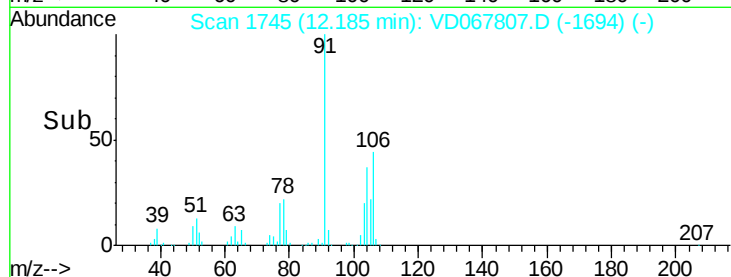
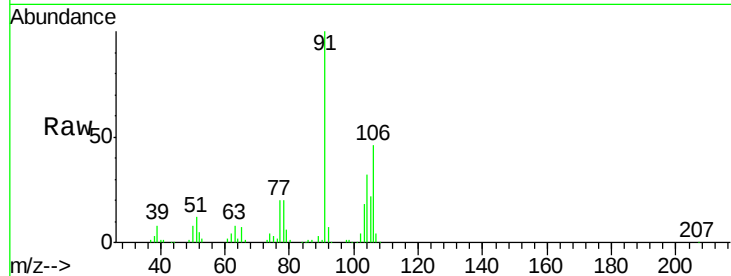
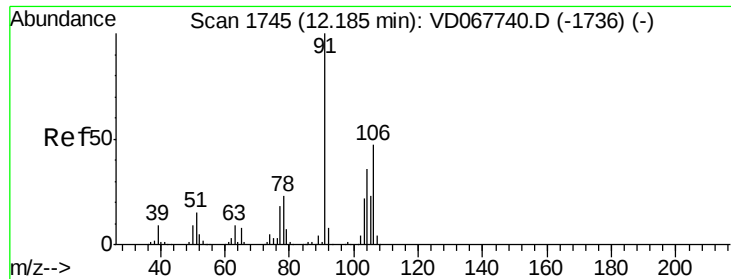
50000

0

11.80 11.85 11.90

Time-->





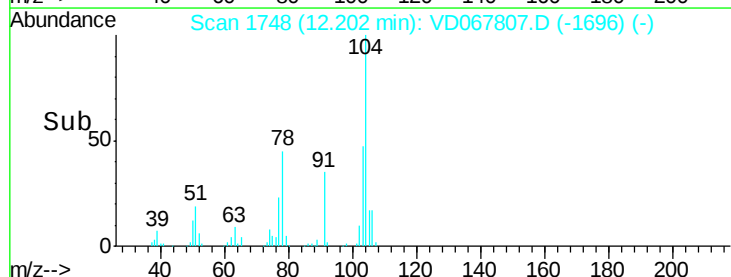
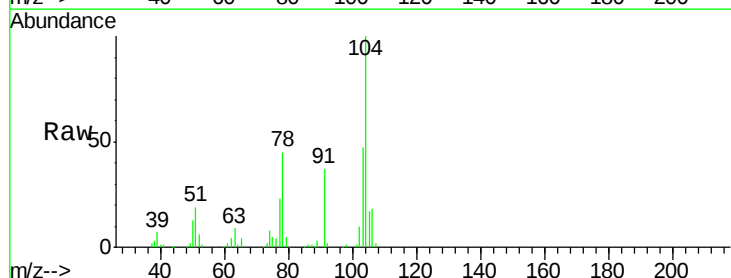
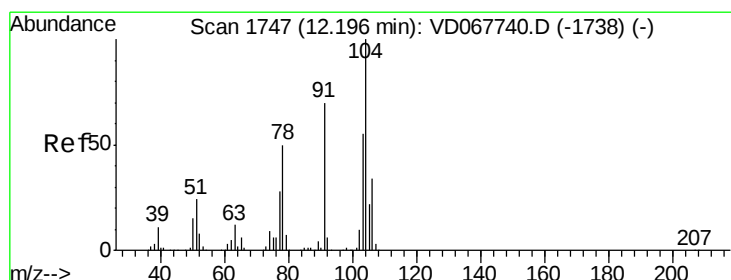
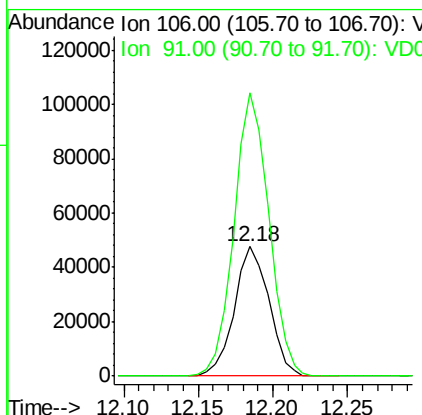
#69
o-Xylene
Concen: 21.336 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tot Ion:106 Resp: 77039
Ion Ratio Lower Upper
106 100
91 220.0 106.2 318.6

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

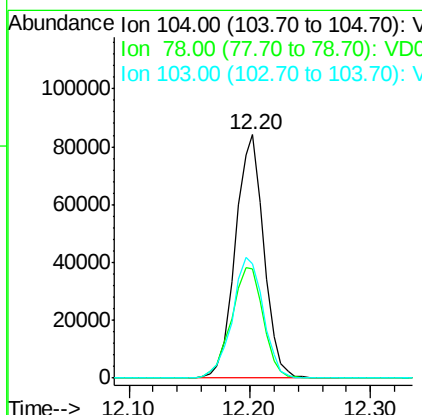
Manual Integrations
APPROVED

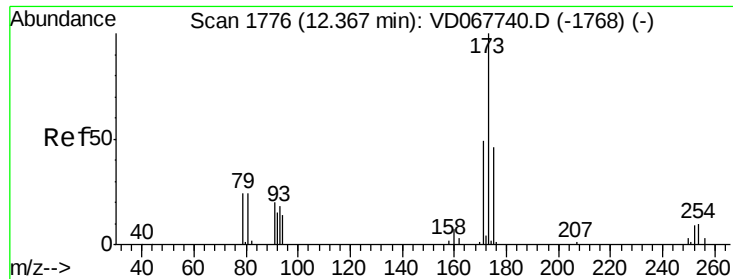
MMDadoda
12/1/2020 12:43:43 PM



#70
Styrene
Concen: 22.446 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:104 Resp: 138049
Ion Ratio Lower Upper
104 100
78 51.0 41.9 62.9
103 53.9 44.1 66.1





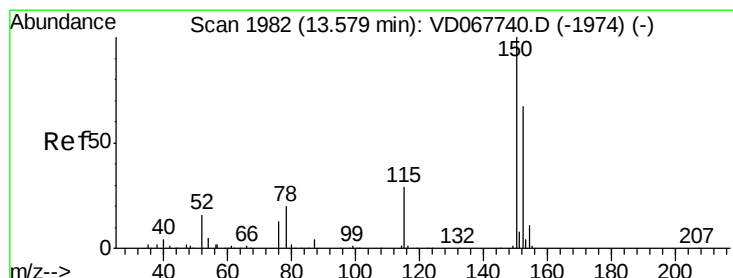
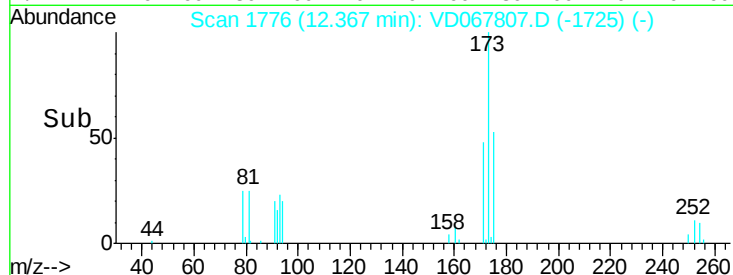
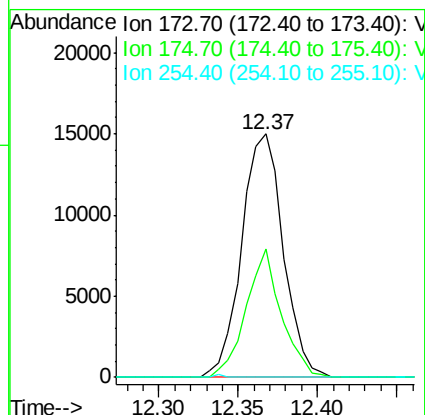
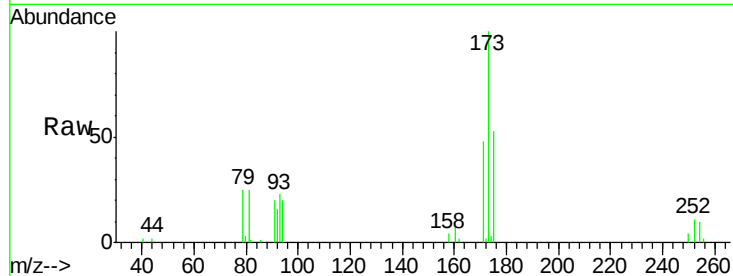
#71
Bromoform
Concen: 21.069 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.7	23.9	71.7
254	0.0	0.0	0.0

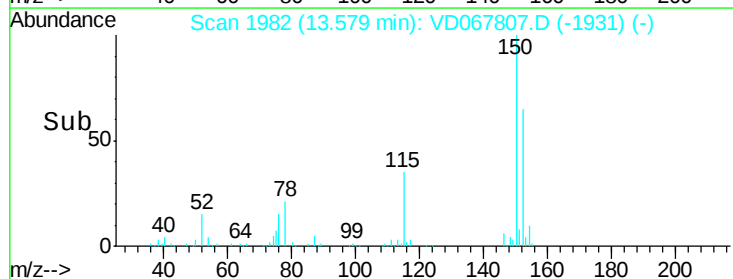
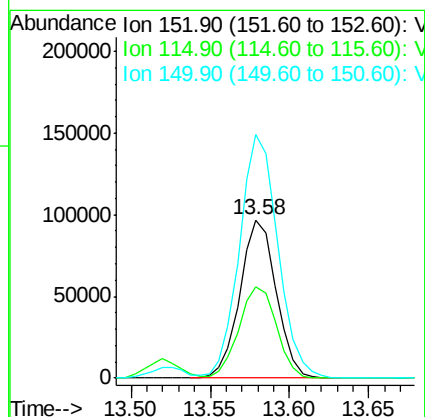
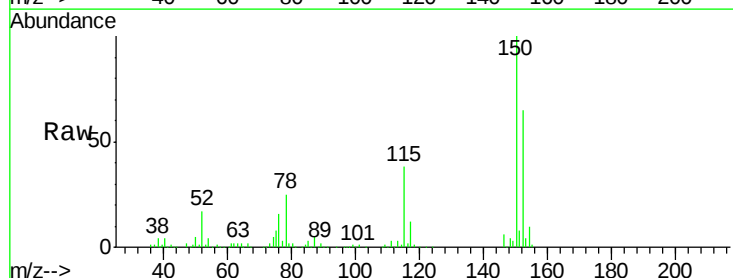
Manual Integrations
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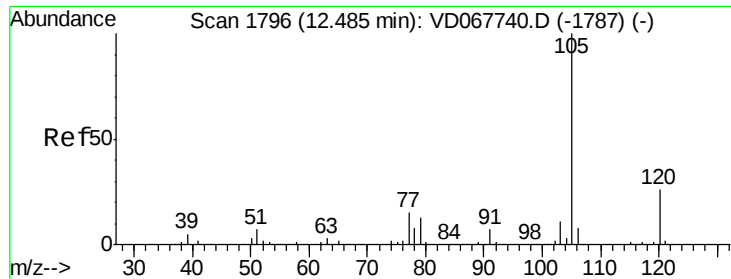
MMDadoda
12/1/2020 12:43:43 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.4	88.3
150	163.2	0.0	340.6





#73

Isopropylbenzene

Concen: 22.322 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 105 Resp: 225613

Ion Ratio Lower Upper

105 100

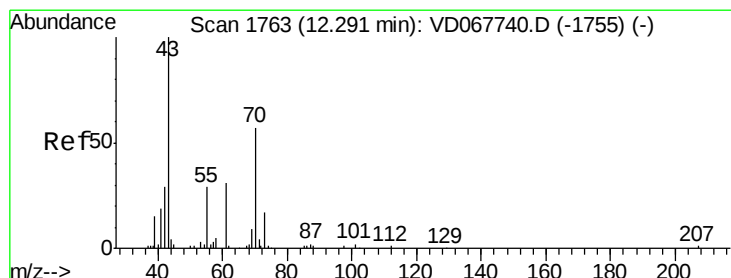
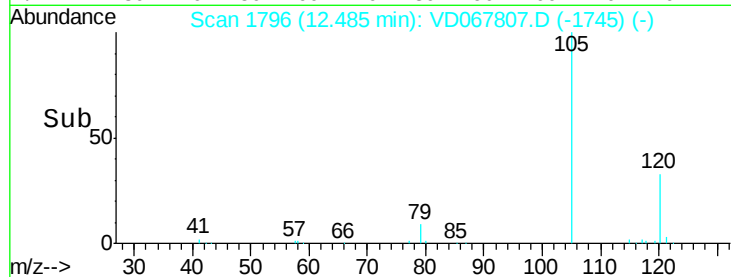
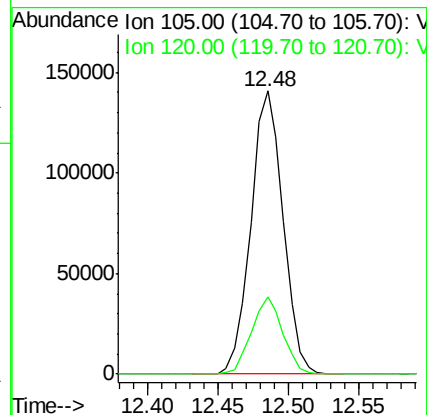
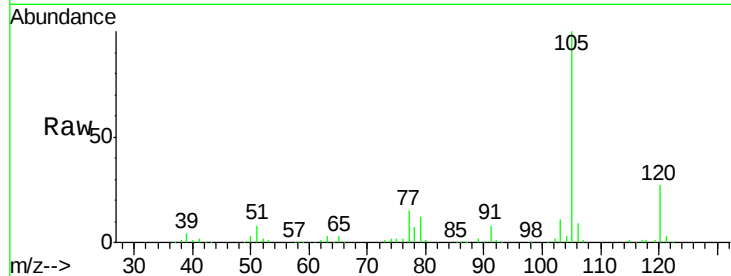
120 26.5 13.2 39.6

Manual Integrations

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MMDadoda

12/1/2020 12:43:43 PM



#74

N-ethyl acetate

Concen: 19.388 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion: 43 Resp: 25841

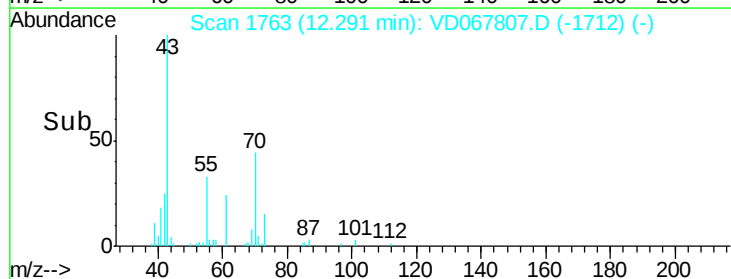
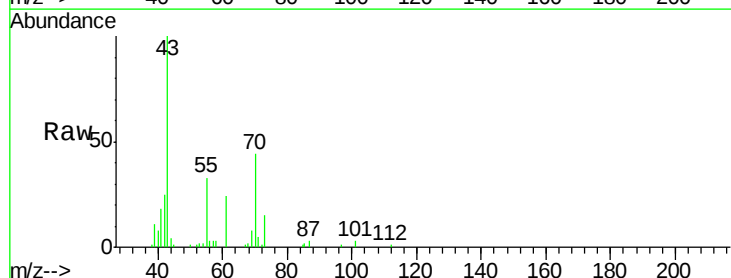
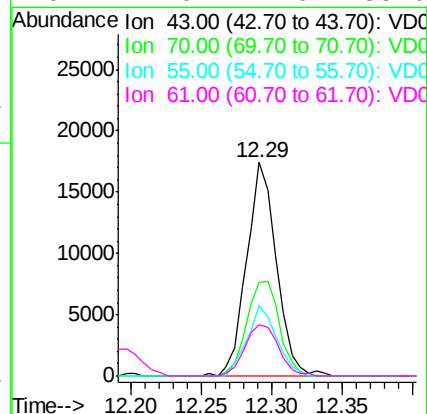
Ion Ratio Lower Upper

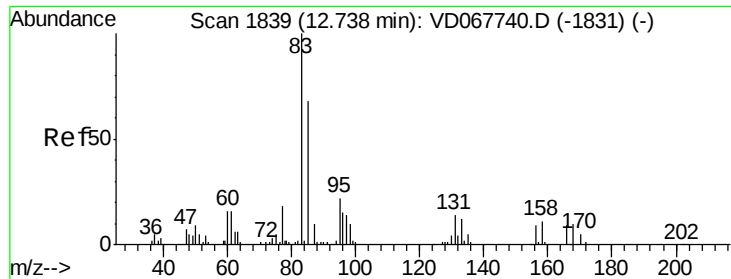
43 100

70 48.5 44.6 66.8

55 32.4 24.2 36.2

61 27.0 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.852 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

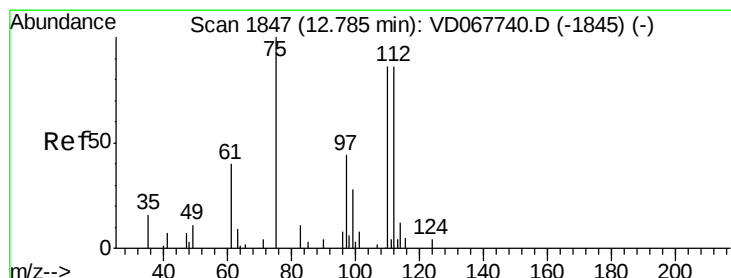
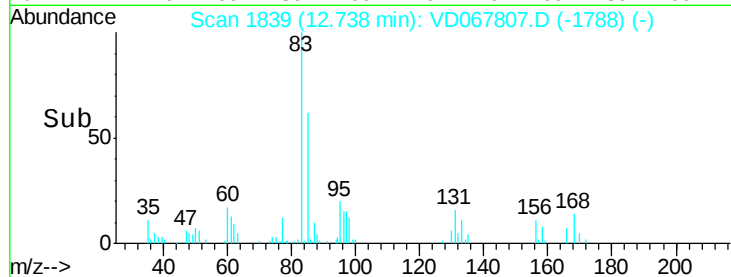
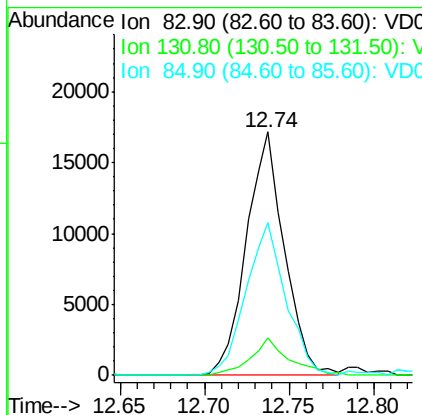
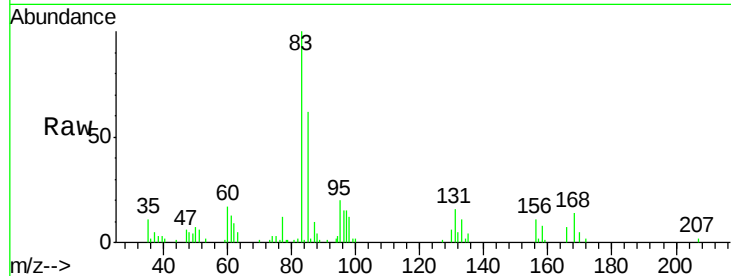
ClientSampleId :

VD1130SBS01

Tot Ion:	83	Resp:	26927
Ion Ratio	Lower	Upper	
83	100		
131	15.5	8.1	24.1
85	65.7	33.9	101.7

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



#76

1,2,3-Trichloropropane

Concen: 16.363 ug/l m

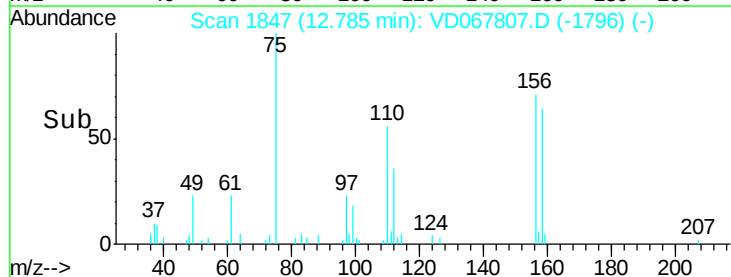
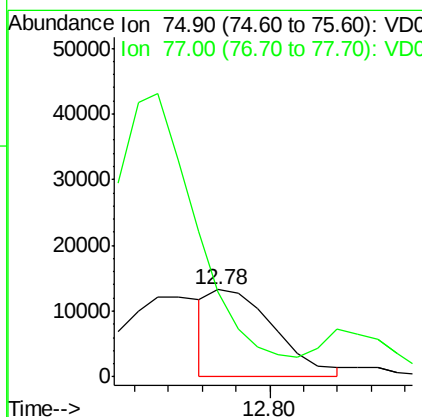
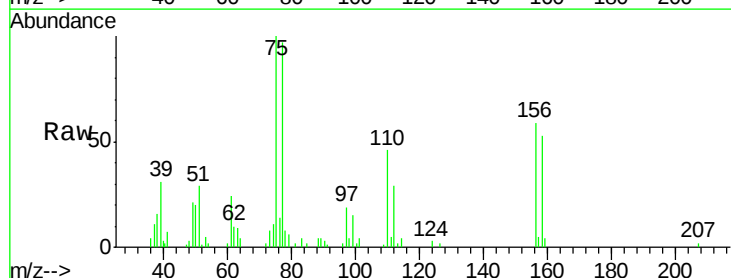
RT: 12.78 min Scan# 1847

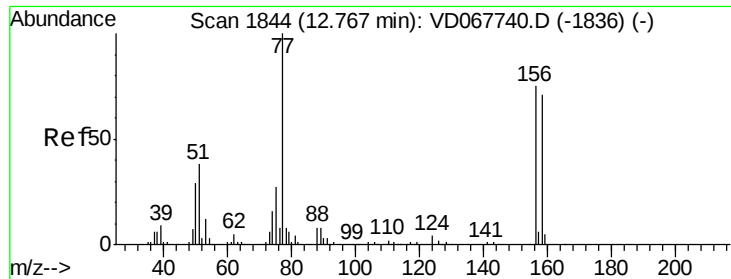
Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	75	Resp:	17518
Ion Ratio	Lower	Upper	
75	100		
77	456.7	0.0	0.0#





#77

Bromobenzene

Concen: 21.439 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

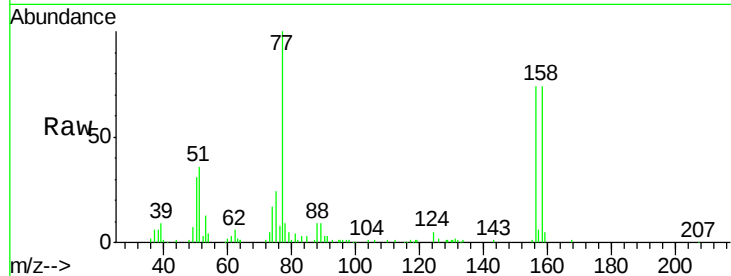
ClientSampleId :

VD1130SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.5	73.5	220.3
158	96.2	48.1	144.4

Manual Integrations
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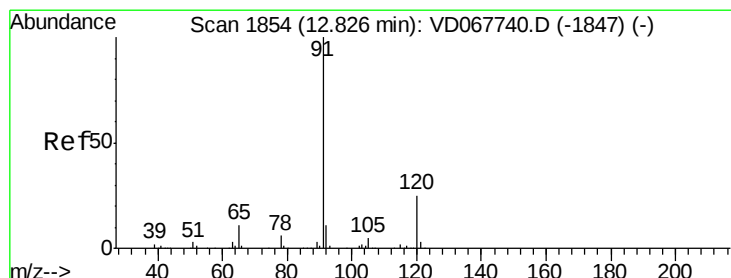
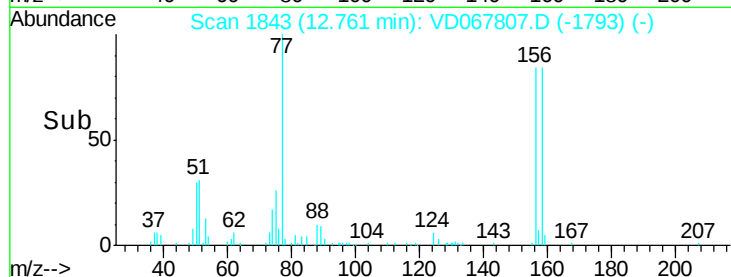
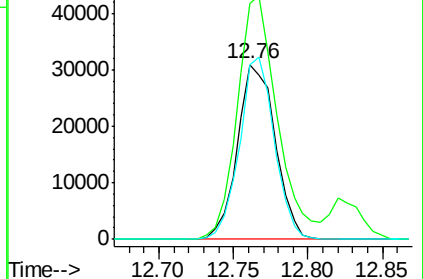
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.961 ug/l

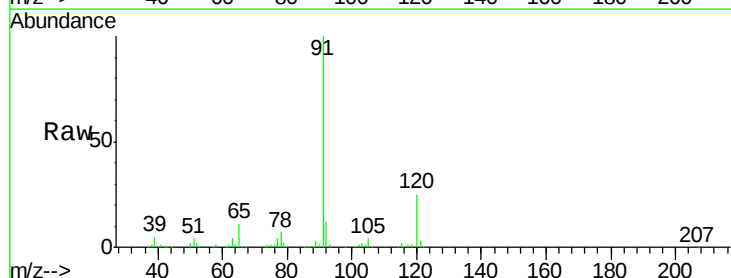
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067807.D

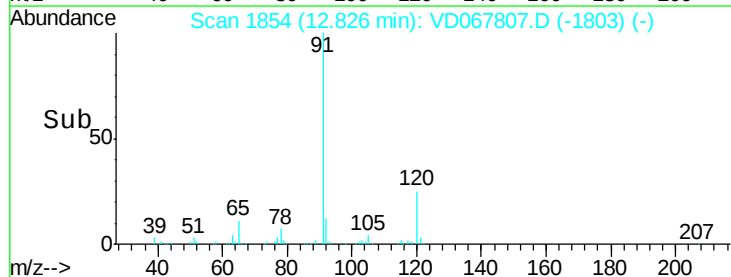
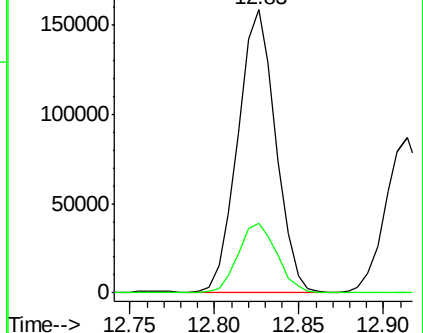
Acq: 30 Nov 2020 11:34

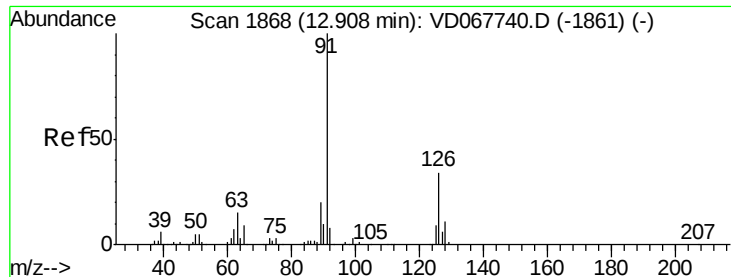
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





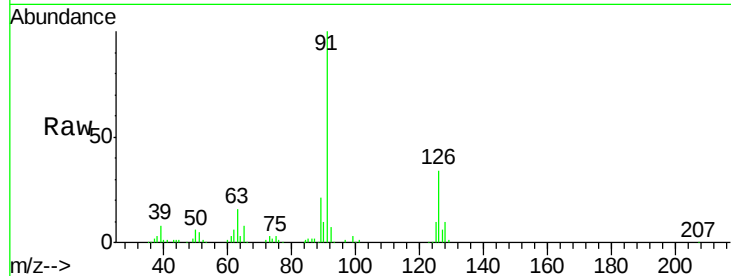
#79
 2-Chlorotoluene
 Concen: 21.986 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

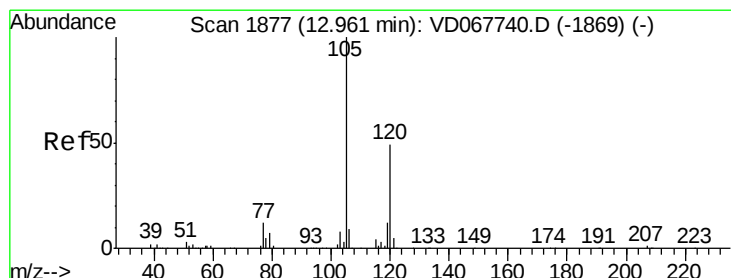
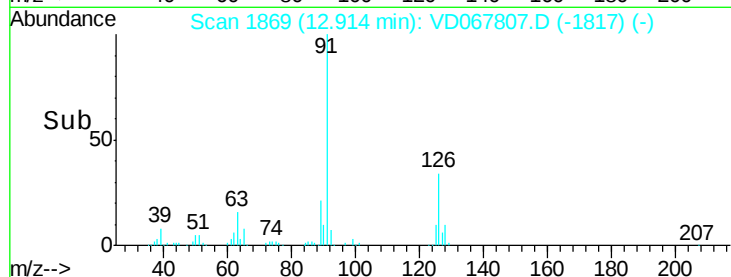
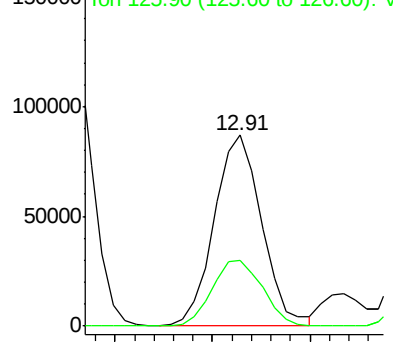
Tot Ion: 91 Resp: 146374
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.7

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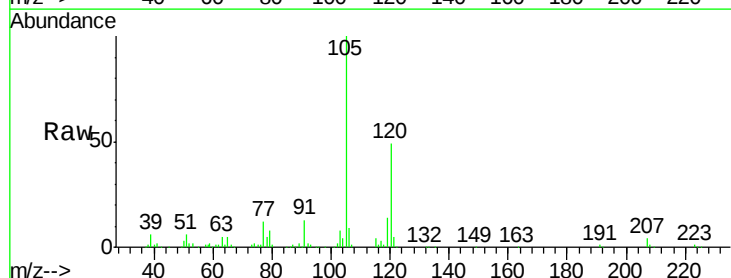


Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD067740.D (-1861) (-)

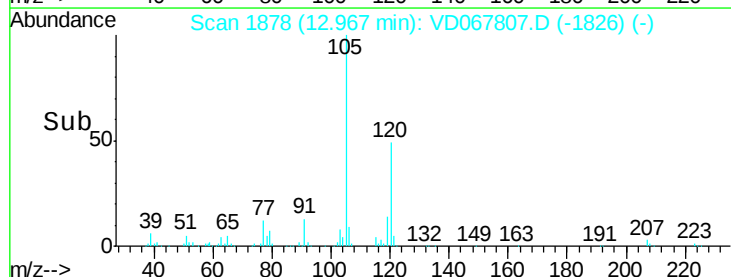
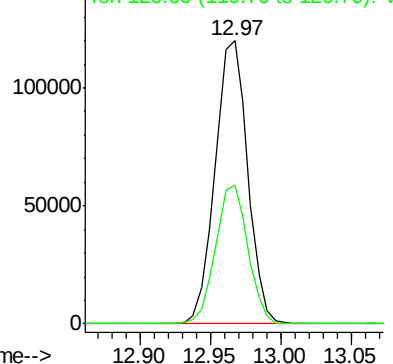


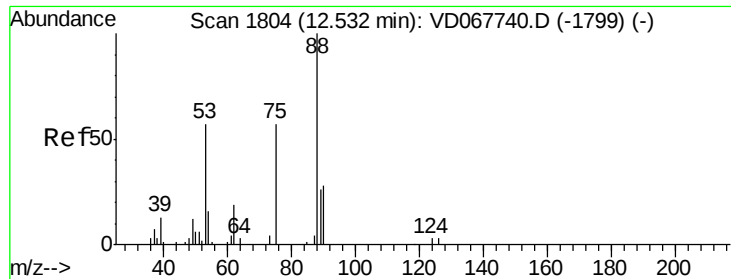
#80
 1,3,5-Trimethylbenzene
 Concen: 22.119 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 105 Resp: 194446
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.348 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion: 75 Resp: 9314

Ion Ratio Lower Upper

75 100

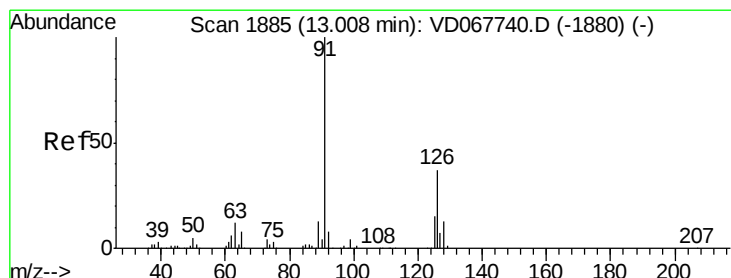
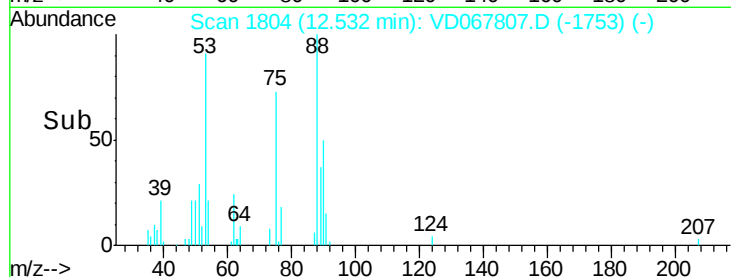
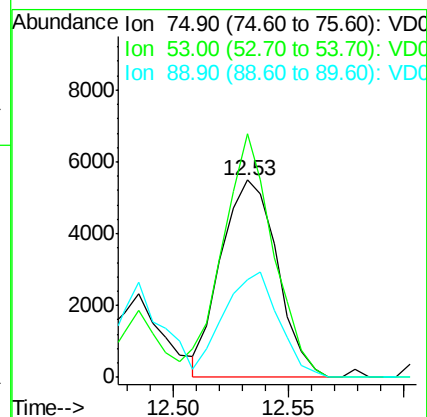
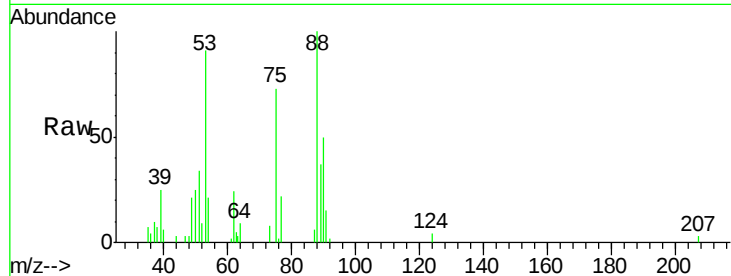
53 111.8 76.0 114.0

89 52.5 40.2 60.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.172 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067807.D

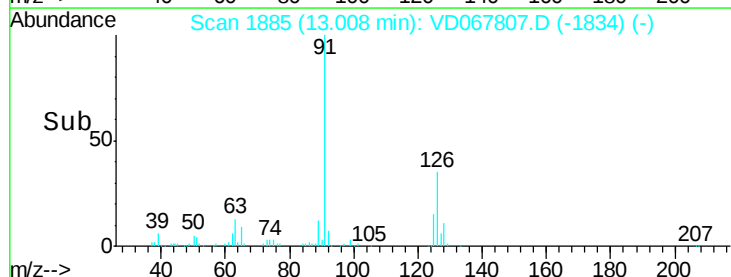
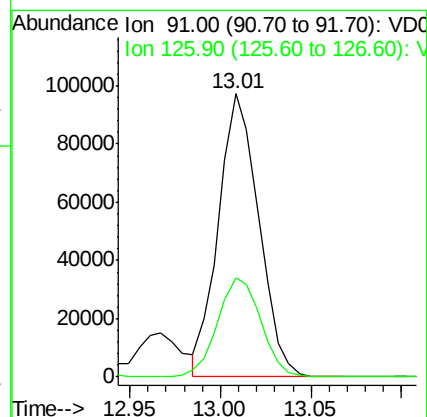
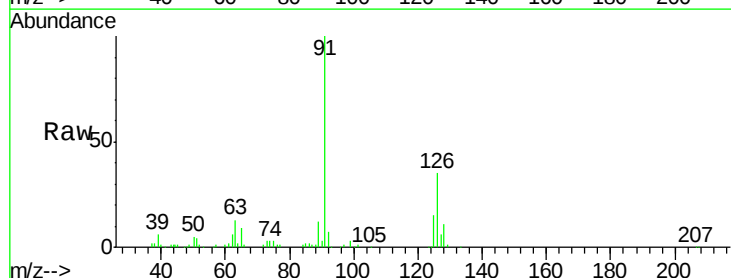
Acq: 30 Nov 2020 11:34

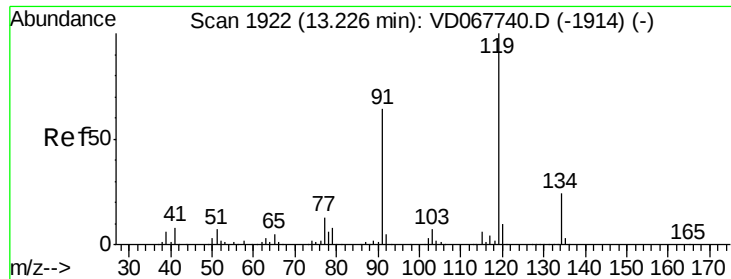
Tgt Ion: 91 Resp: 150188

Ion Ratio Lower Upper

91 100

126 37.5 17.7 53.1





#83

tert-Butylbenzene

Concen: 22.155 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

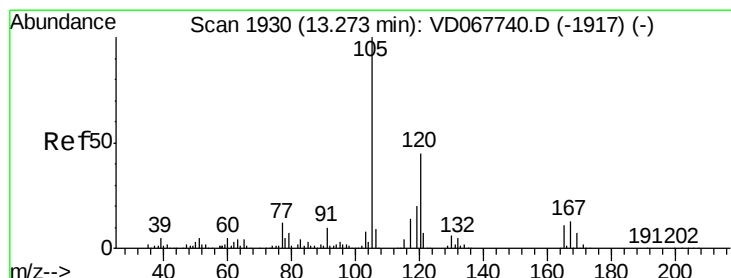
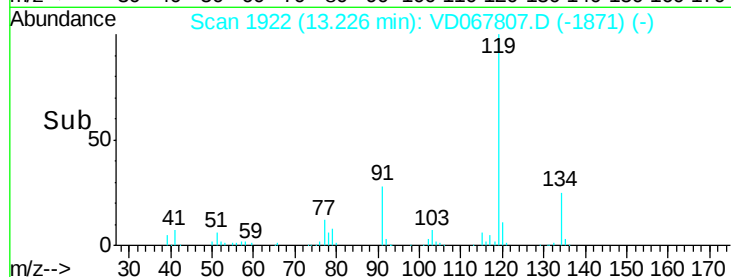
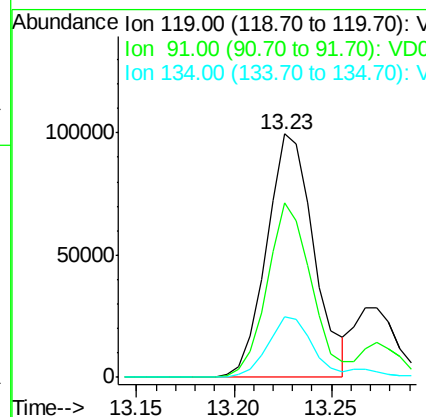
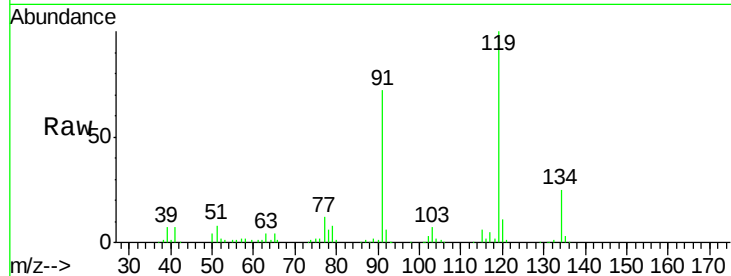
ClientSampleId :

VD1130SBS01

Tot Ion:	119	Resp:	167354
Ion Ratio	Lower	Upper	
119	100		
91	66.5	32.9	98.7
134	23.3	12.9	38.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.993 ug/l

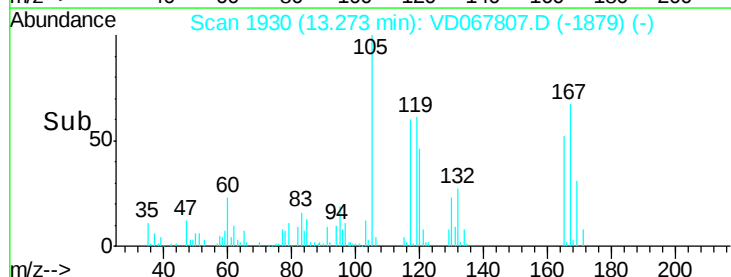
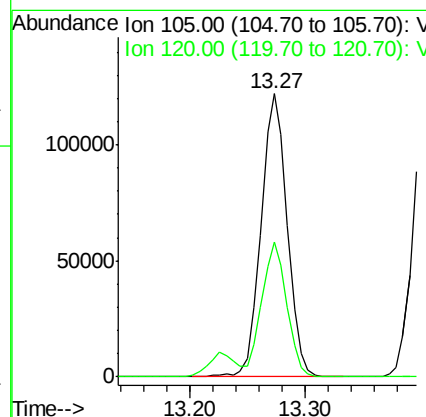
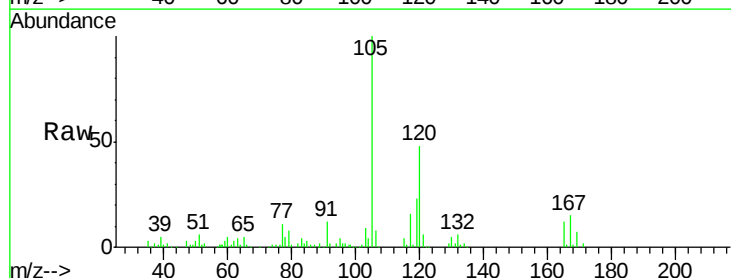
RT: 13.27 min Scan# 1930

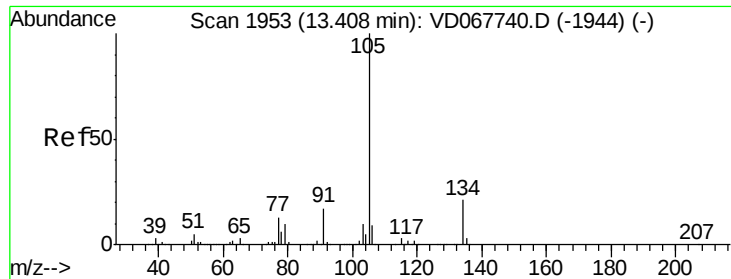
Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion:	105	Resp:	193131
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 22.132 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tot Ion:105 Resp: 219631

Ion Ratio Lower Upper

105 100

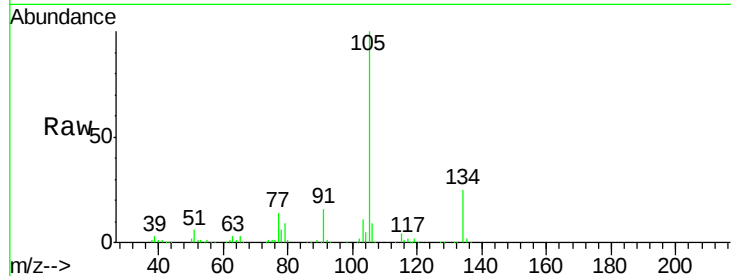
134 22.2 10.7 32.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

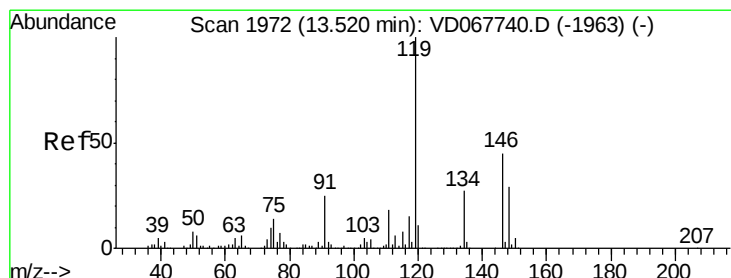
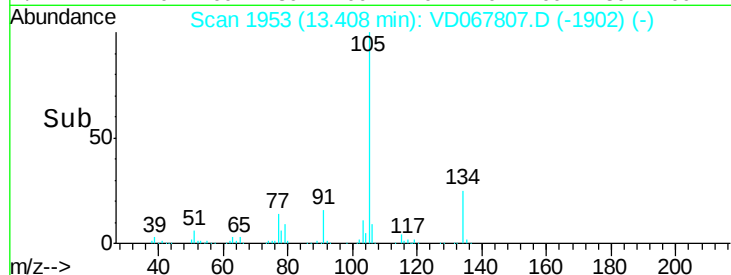
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.064 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

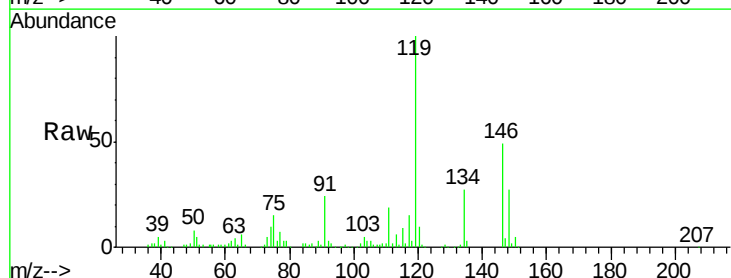
Tgt Ion:119 Resp: 212082

Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 25.2 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

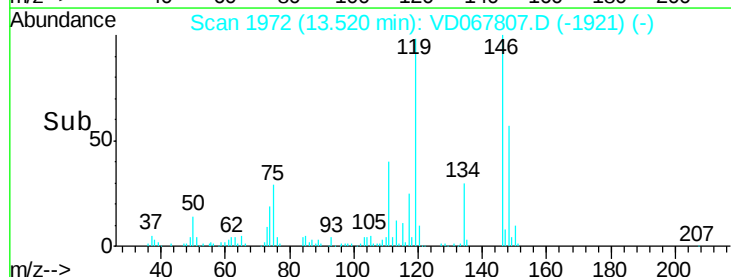
150000

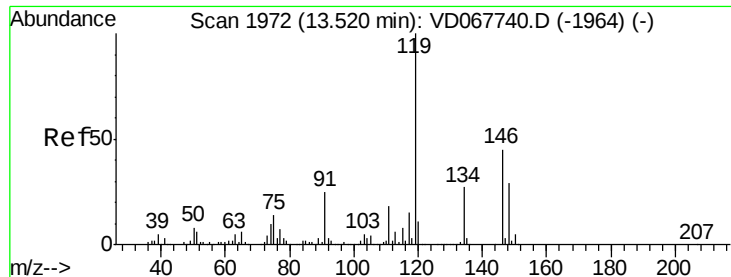
100000

50000

0

Time-->





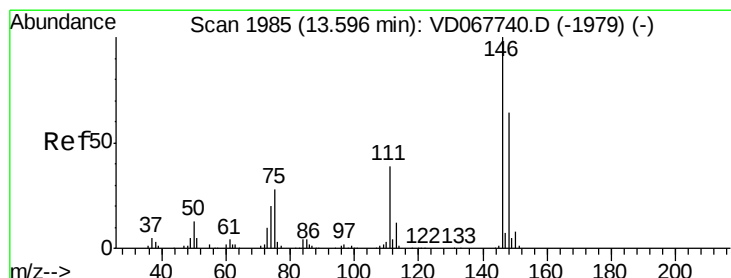
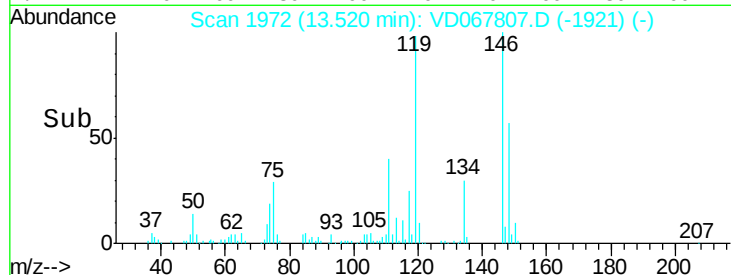
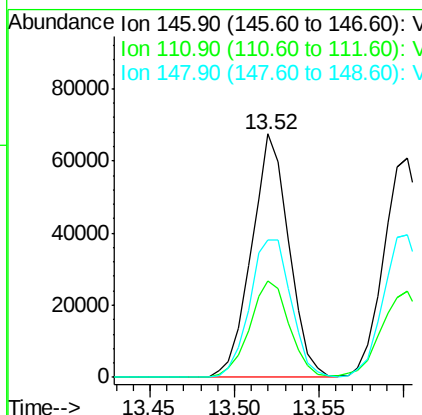
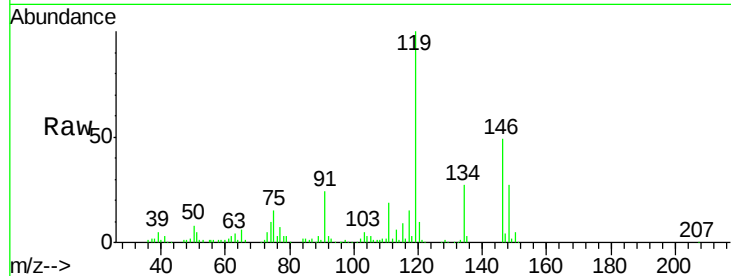
#87
 1,3-Dichlorobenzene
 Concen: 21.252 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.6
148	62.4	32.5	97.4

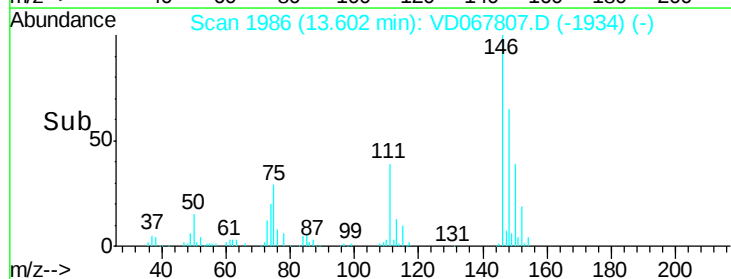
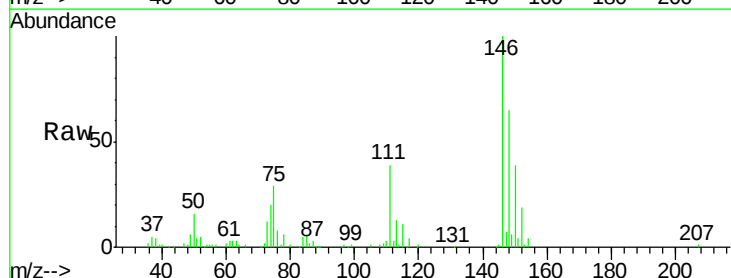
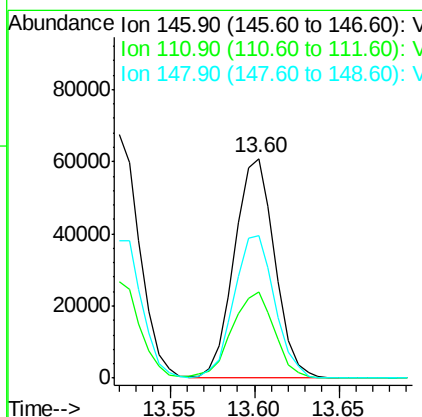
Manual Integrations
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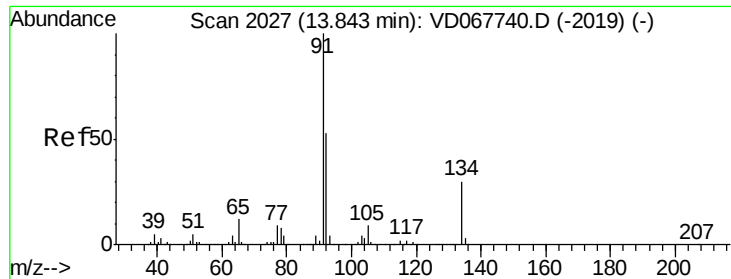
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#88
 1,4-Dichlorobenzene
 Concen: 20.904 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.4	58.4
148	65.6	31.6	94.8





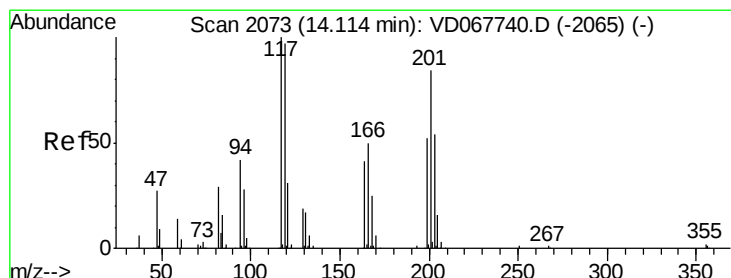
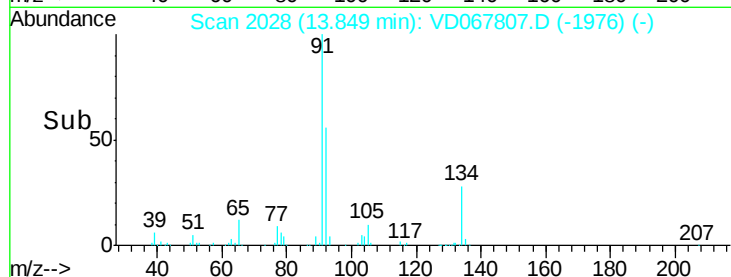
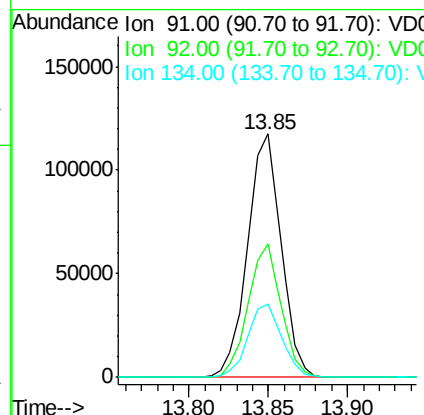
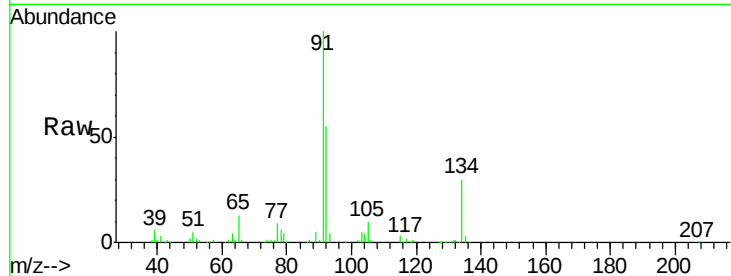
#89
n-Butylbenzene
Concen: 20.973 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.7
134	30.6	14.8	44.3

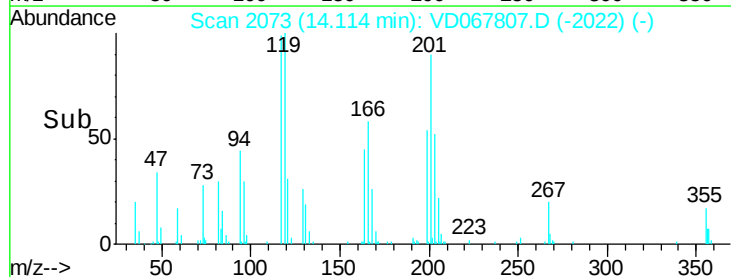
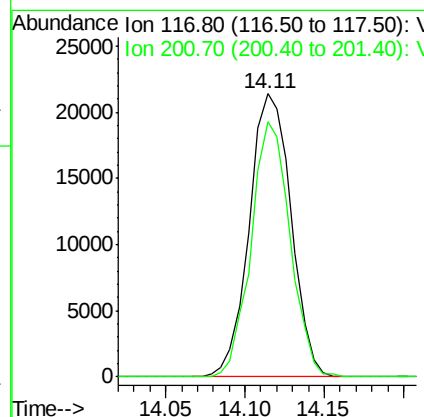
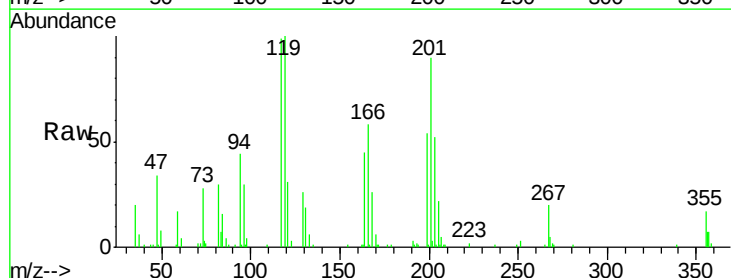
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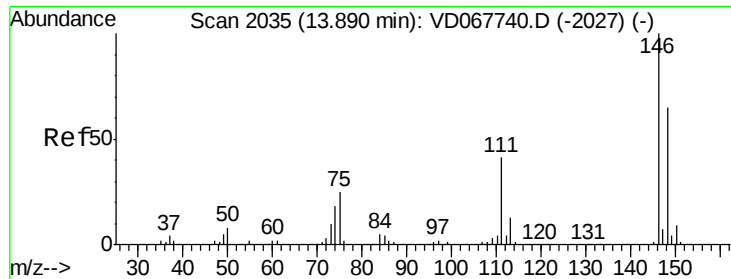
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#90
Hexachloroethane
Concen: 21.430 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	42.2	126.6





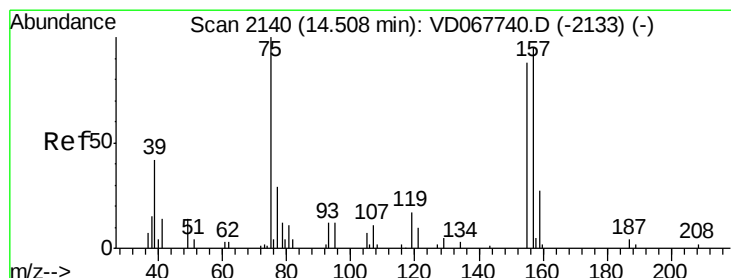
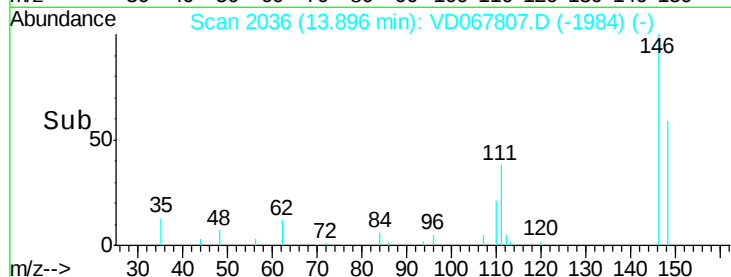
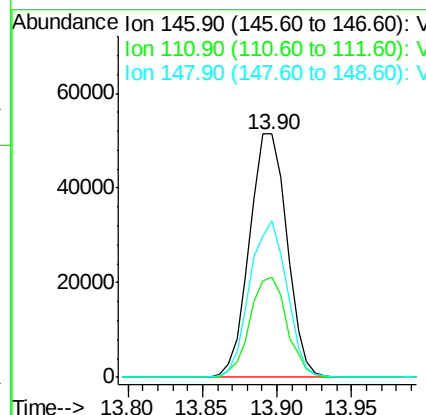
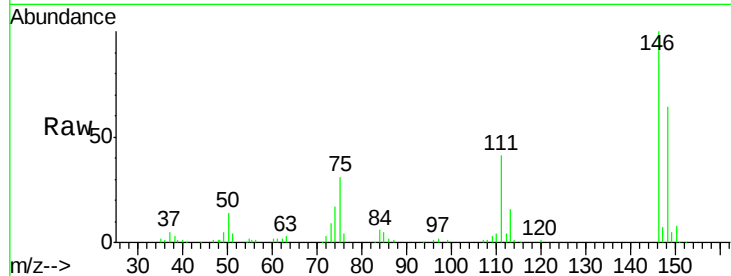
#91
 1,2-Dichlorobenzene
 Concen: 21.186 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.5
148	63.4	32.4	97.2

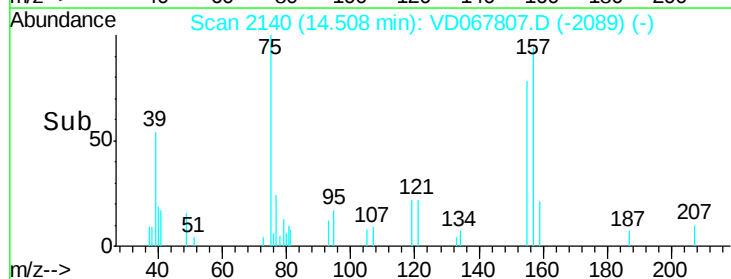
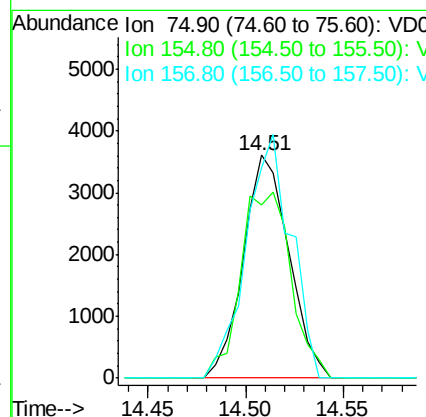
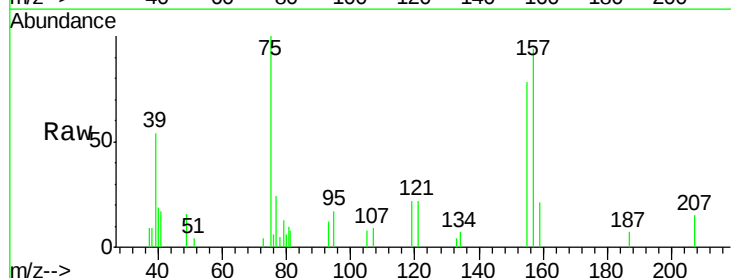
Manual Integrations
 APPROVED

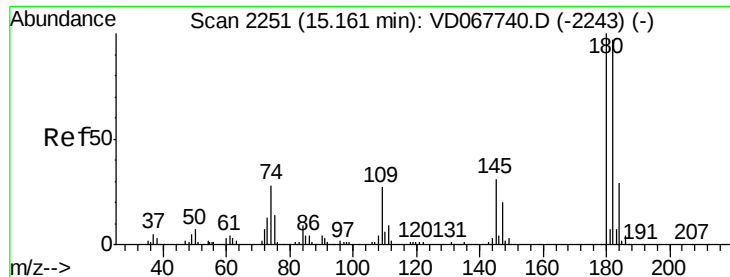
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 12/1/2020 12:43:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.991 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	41.0	123.0
157	106.9	51.1	153.4





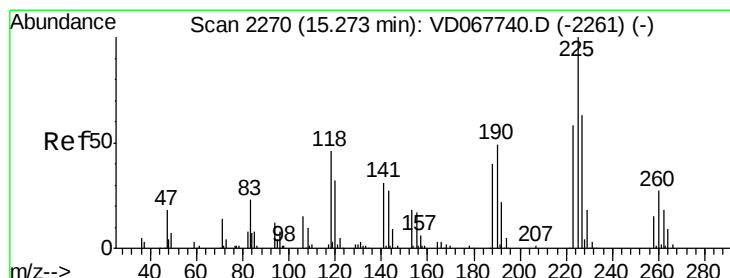
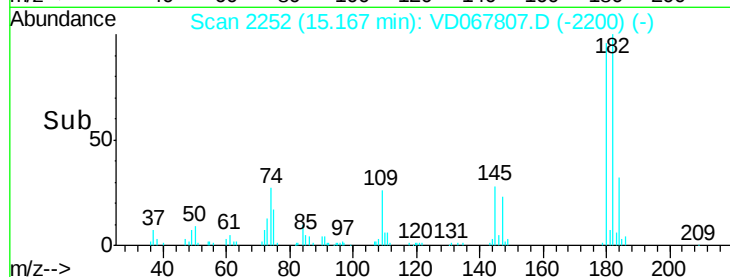
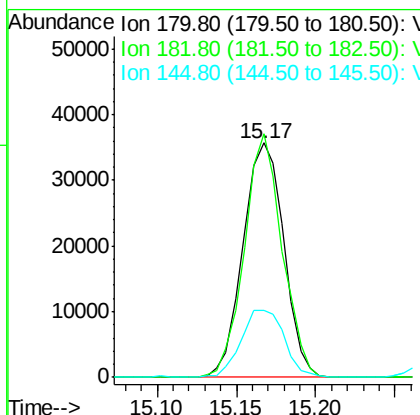
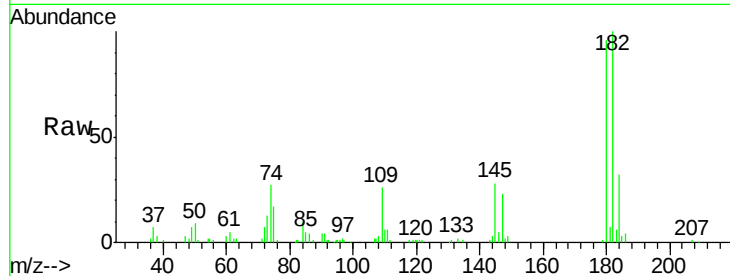
#93
 1,2,4-Trichlorobenzene
 Concen: 21.375 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	30.6	16.1	48.3

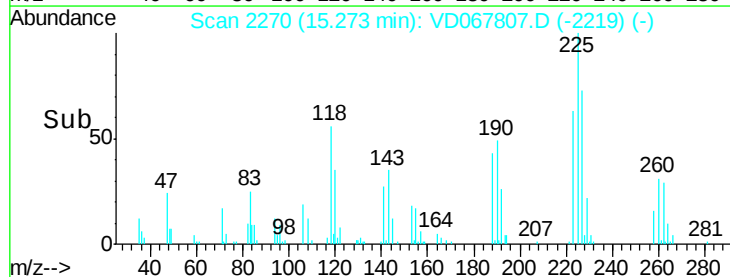
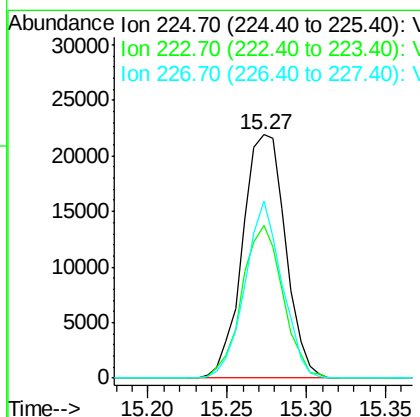
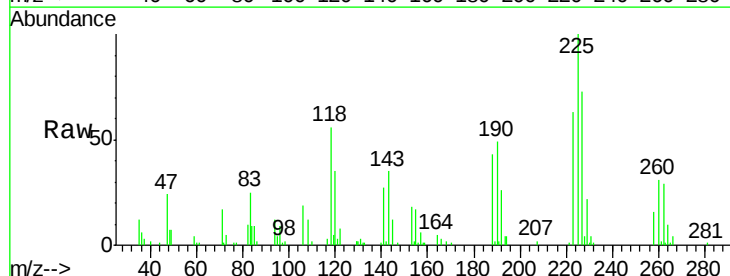
Manual Integrations
 APPROVED

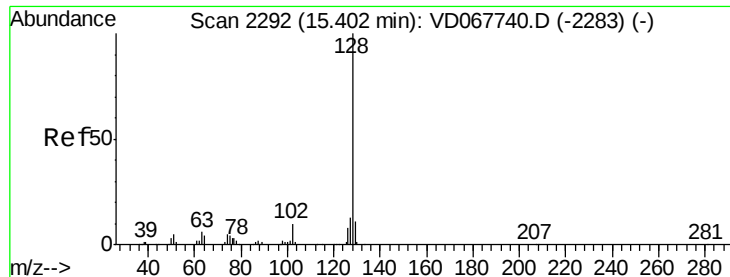
MMDadoda
 12/1/2020 12:43:43 PM



#94
 Hexachlorobutadiene
 Concen: 21.722 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	31.5	94.5
227	62.3	32.9	98.7





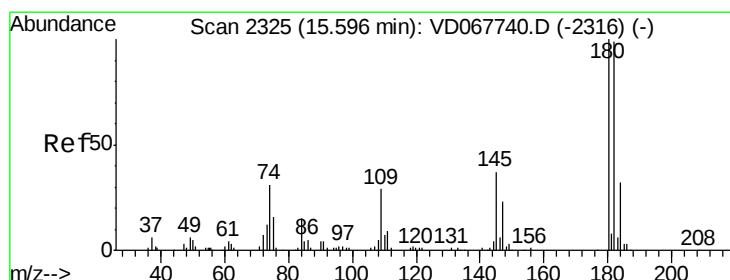
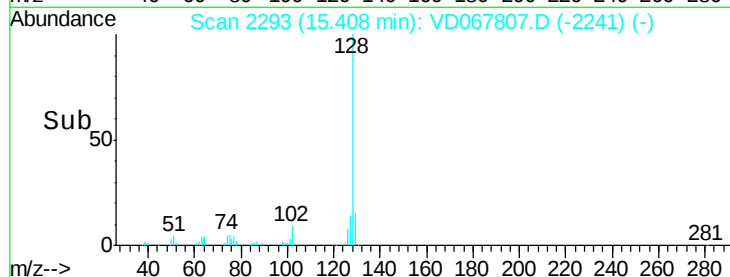
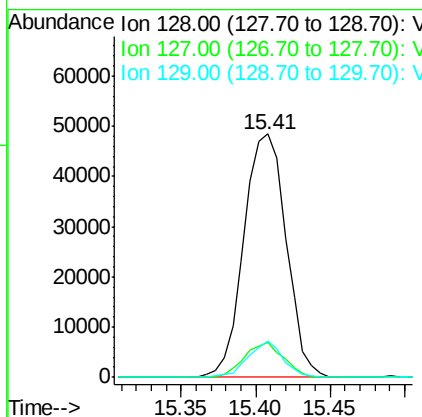
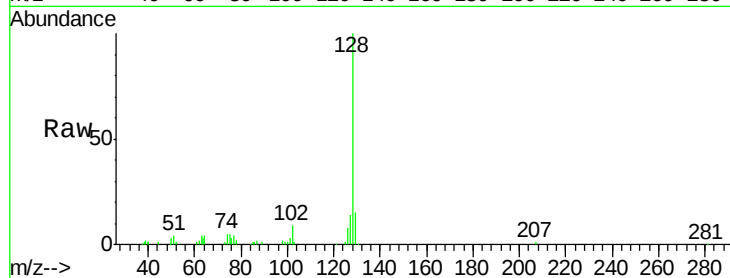
#95
Naphthalene
Concen: 19.663 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	12.3	8.6	12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.595 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	33.9	16.8	50.4

