

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067553.D
 Acq On : 06 Nov 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:44:48 AM

Quant Time: Nov 07 00:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	325910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	420438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	128346	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
35) Dibromofluoromethane	7.92	113	132428	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.34	98	452074	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.63	95	161328	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	123734	46.592	ug/l	98
3) Chloromethane	2.21	50	82695	40.746	ug/l	96
4) Vinyl Chloride	2.35	62	96154	42.495	ug/l	97
5) Bromomethane	2.77	94	76969	41.968	ug/l	97
6) Chloroethane	2.93	64	60458	43.339	ug/l	99
7) Trichlorofluoromethane	3.27	101	265609	45.336	ug/l	95
8) Diethyl Ether	3.71	74	54265	45.967	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	138176	46.723	ug/l	99
10) Methyl Iodide	4.30	142	147914	46.666	ug/l	99
11) Tert butyl alcohol	5.22	59	32392	264.976	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	124429	45.742	ug/l	93
13) Acrolein	3.92	56	34567	270.646	ug/l	99
14) Allyl chloride	4.71	41	134603	46.235	ug/l	98
15) Acrylonitrile	5.42	53	100251	229.729	ug/l	98
16) Acetone	4.16	43	97249	228.046	ug/l	99
17) Carbon Disulfide	4.41	76	367004	44.029	ug/l	98
18) Methyl Acetate	4.71	43	39346	44.649	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	262330	48.891	ug/l	99
20) Methylene Chloride	4.96	84	139479	46.302	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	144313	45.549	ug/l	95
22) Diisopropyl ether	6.36	45	266482	46.971	ug/l	95
23) Vinyl Acetate	6.31	43	723782	243.722	ug/l	95
24) 1,1-Dichloroethane	6.27	63	208326	44.885	ug/l	96
25) 2-Butanone	7.21	43	105284	231.054	ug/l	94
26) 2,2-Dichloropropane	7.21	77	228948	46.739	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150933	45.896	ug/l	98
28) Bromochloromethane	7.54	49	79666	48.255	ug/l	96
29) Tetrahydrofuran	7.56	42	65931	241.552	ug/l	97
30) Chloroform	7.71	83	257218	46.454	ug/l	99
31) Cyclohexane	7.98	56	177070	42.841	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	264791	46.349	ug/l	100
36) 1,1-Dichloropropene	8.11	75	189585	47.970	ug/l	100
37) Ethyl Acetate	7.29	43	49907	48.640	ug/l	97
38) Carbon Tetrachloride	8.10	117	255645	49.786	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	231407	49.748	ug/l	97
40) Benzene	8.35	78	514283	48.040	ug/l	99
41) Methacrylonitrile	7.53	41	28987m	47.263	ug/l	
42) 1,2-Dichloroethane	8.43	62	157803	47.709	ug/l	99
43) Isopropyl Acetate	8.45	43	100787	49.668	ug/l	99
44) Trichloroethene	9.12	130	168417	47.846	ug/l	89
45) 1,2-Dichloropropane	9.39	63	110021	47.534	ug/l	98
46) Dibromomethane	9.48	93	70990	48.238	ug/l	99
47) Bromodichloromethane	9.67	83	196437	49.109	ug/l	97
48) Methyl methacrylate	9.46	41	55305	52.786	ug/l	95
49) 1,4-Dioxane	9.47	88	14630	979.249	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	245048	252.503	ug/l	99
52) Toluene	10.41	92	357085	49.799	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	175148	51.125	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	199095	48.914	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95197	48.889	ug/l	98
56) Ethyl methacrylate	10.66	69	103656	51.549	ug/l	99
57) 1,3-Dichloropropane	10.95	76	154352	49.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	250470	267.110	ug/l	99
59) 2-Hexanone	10.98	43	173980	256.397	ug/l	100
60) Dibromochloromethane	11.14	129	144012	49.997	ug/l	100
61) 1,2-Dibromoethane	11.25	107	95659	48.948	ug/l	100
64) Tetrachloroethene	10.88	164	152112	48.852	ug/l	95
65) Chlorobenzene	11.67	112	385434	47.592	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	150756	47.229	ug/l	97
67) Ethyl Benzene	11.75	91	686226	49.516	ug/l	98
68) m/p-Xylenes	11.86	106	532348	98.736	ug/l	100
69) o-Xylene	12.18	106	239371	49.726	ug/l	99
70) Styrene	12.20	104	415683	49.556	ug/l	99
71) Bromoform	12.37	173	80847	49.662	ug/l #	100
73) Isopropylbenzene	12.48	105	688373	49.921	ug/l	99
74) N-amyl acetate	12.29	43	91641	50.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	89787	47.751	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	54583m	42.407	ug/l	
77) Bromobenzene	12.77	156	162072	47.859	ug/l	97
78) n-propylbenzene	12.83	91	776423	49.227	ug/l	99
79) 2-Chlorotoluene	12.91	91	436445	48.713	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	588319	49.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29640	46.753	ug/l	97
82) 4-Chlorotoluene	13.01	91	461990	48.079	ug/l	100
83) tert-Butylbenzene	13.23	119	514849	51.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	587714	50.124	ug/l	100
85) sec-Butylbenzene	13.40	105	678376	50.337	ug/l	100
86) p-Isopropyltoluene	13.52	119	649455	49.904	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	309309	47.867	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	307896	47.057	ug/l	99
89) n-Butylbenzene	13.84	91	566694	50.413	ug/l	98
90) Hexachloroethane	14.11	117	120115	49.011	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	269807	48.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16353	49.121	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	195154	51.414	ug/l	98
94) Hexachlorobutadiene	15.27	225	122070	48.052	ug/l	98
95) Naphthalene	15.40	128	310951	53.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	162289	49.929	ug/l	99

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

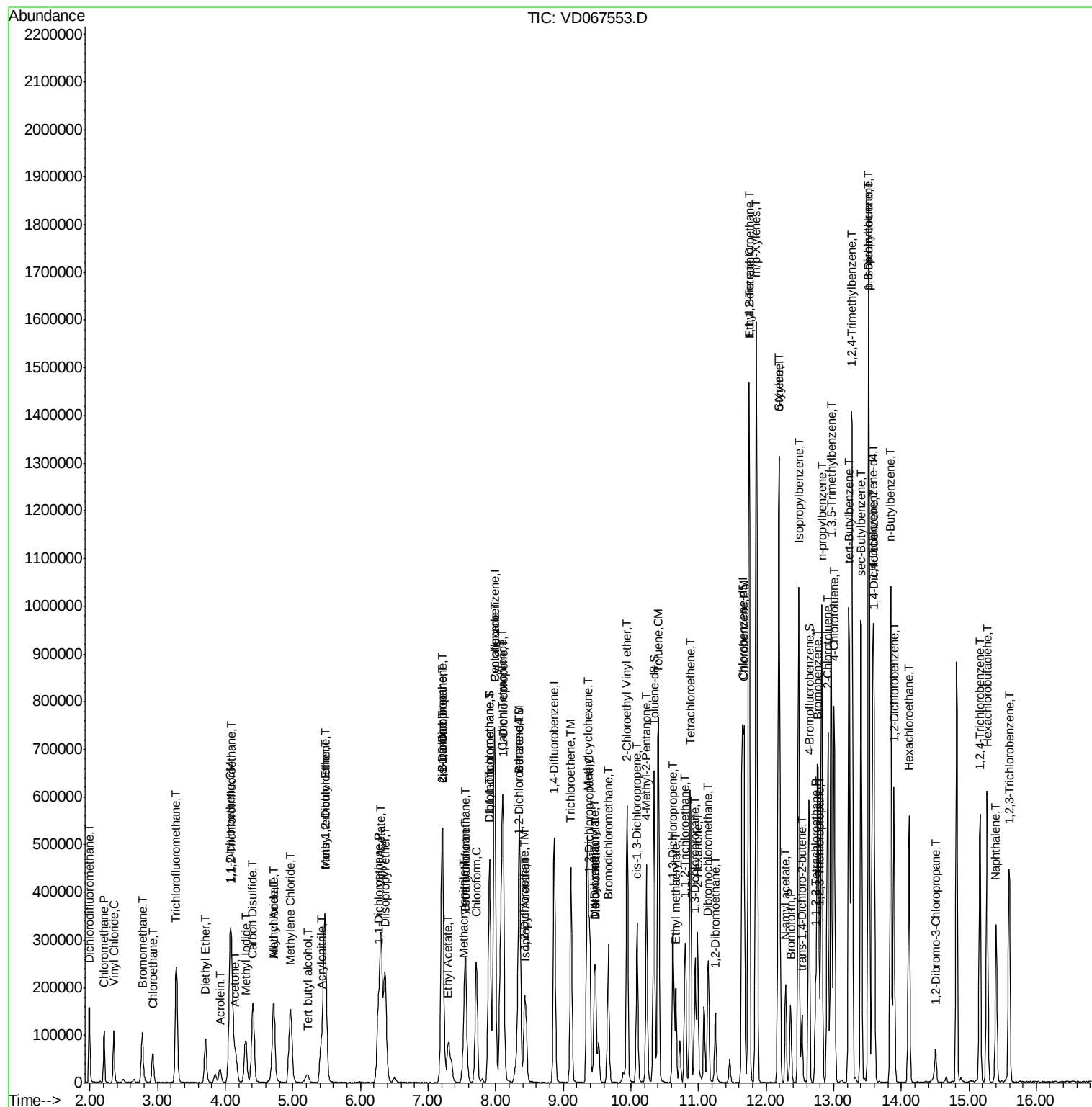
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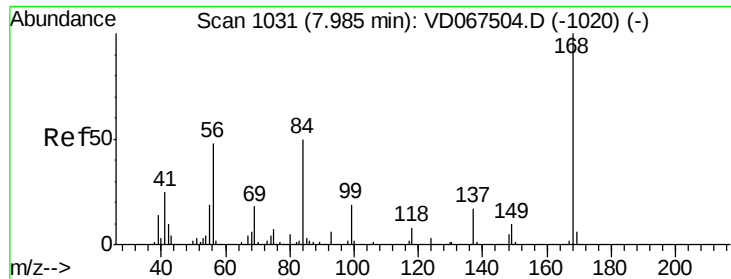
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 325910

Ion Ratio Lower Upper

168 100

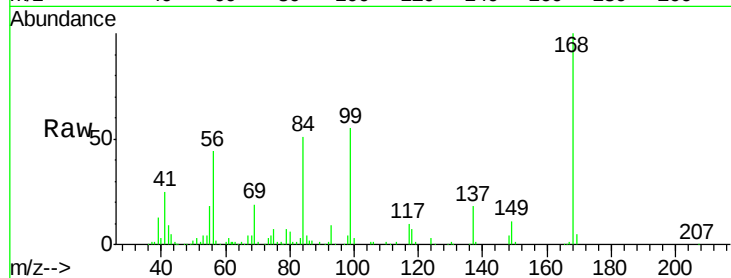
99 55.1 45.0 67.6

Manual Integrations

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11/9/2020 10:44:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

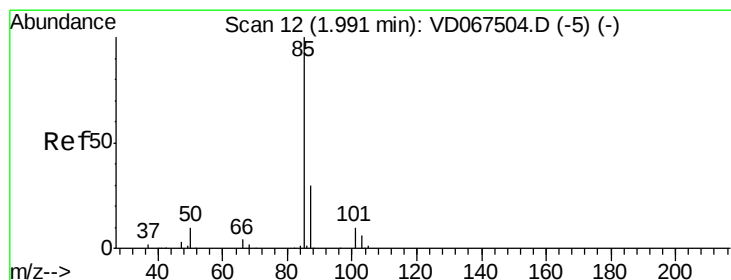
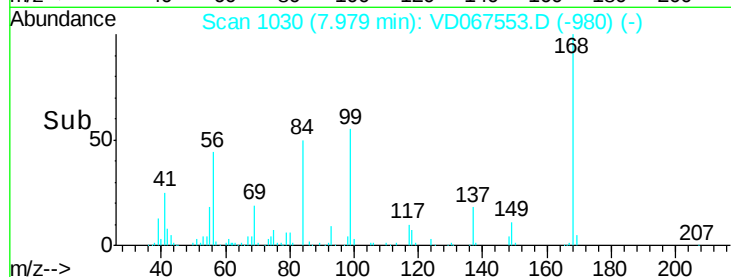
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.592 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067553.D

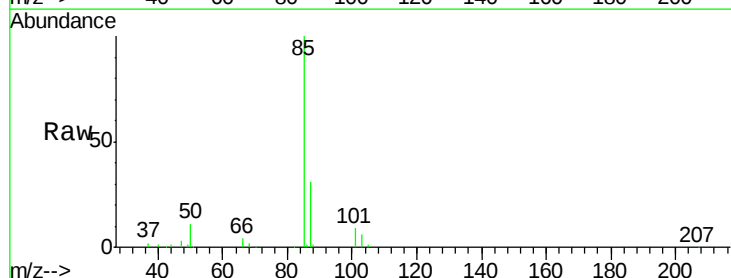
Acq: 06 Nov 2020 15:40

Tgt Ion: 85 Resp: 123734

Ion Ratio Lower Upper

85 100

87 31.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

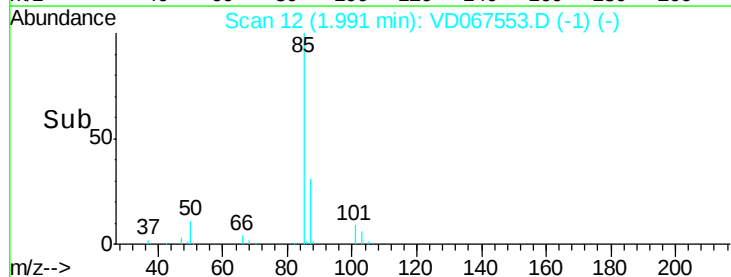
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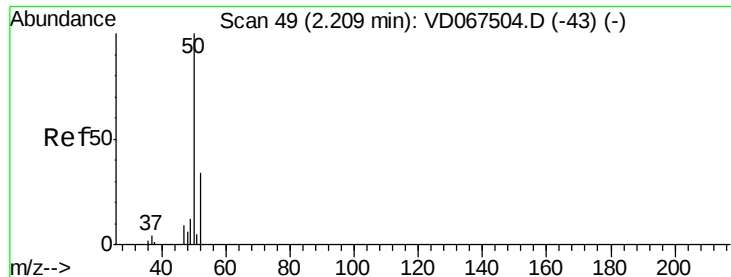
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.746 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 82695

Ion Ratio Lower Upper

50 100

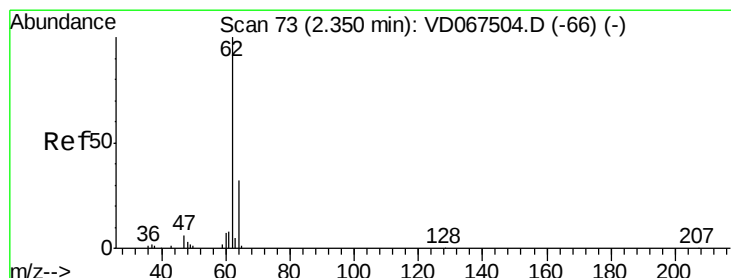
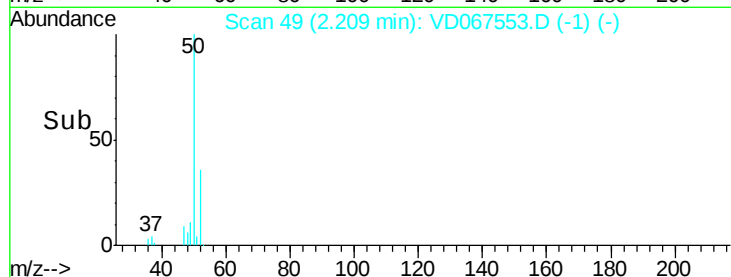
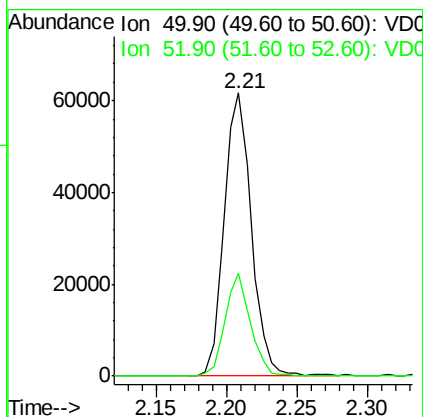
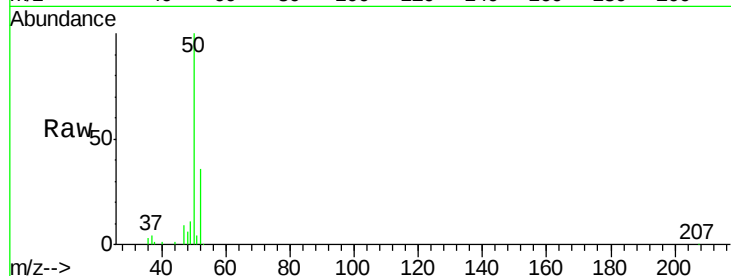
52 36.2 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.495 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067553.D

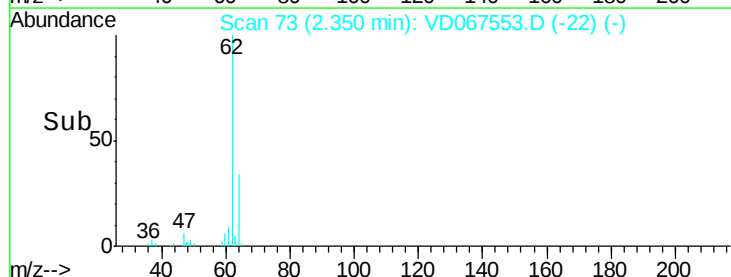
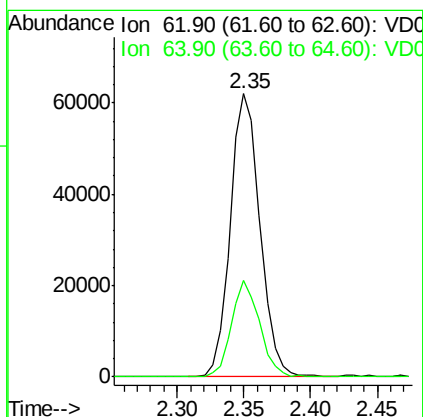
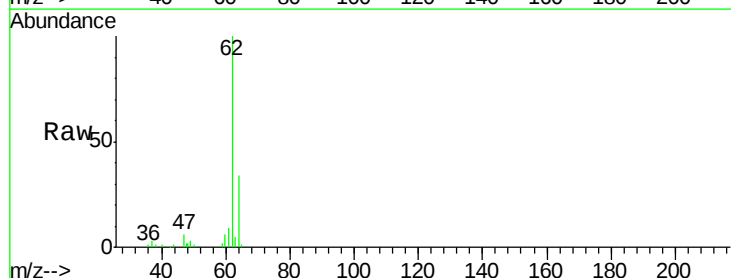
Acq: 06 Nov 2020 15:40

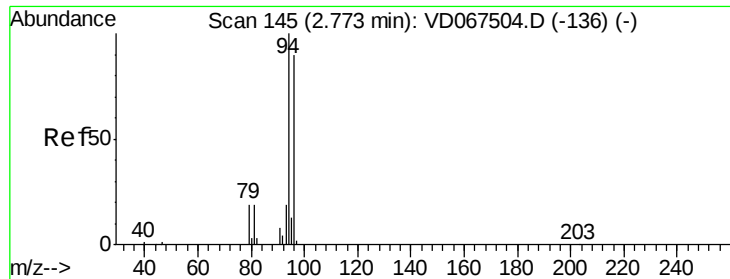
Tgt Ion: 62 Resp: 96154

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 41.968 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76969

Ion Ratio Lower Upper

94 100

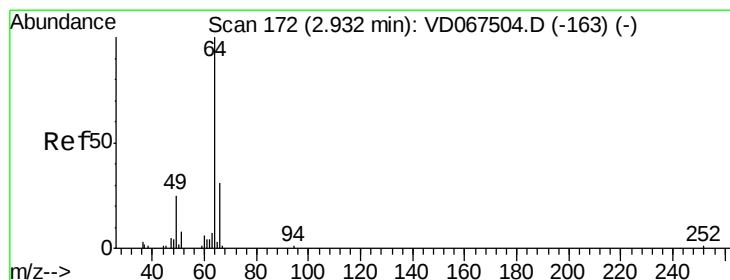
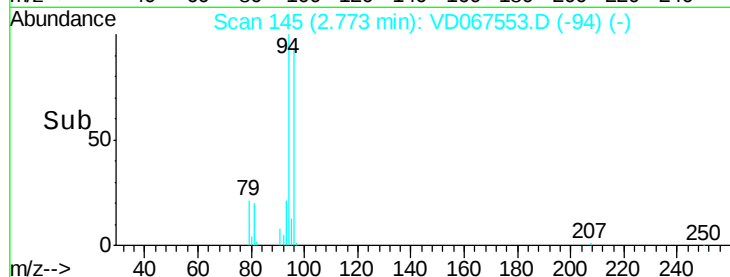
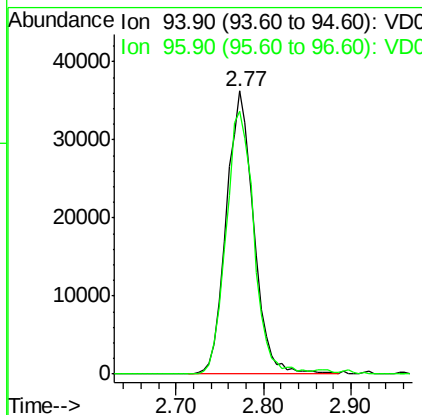
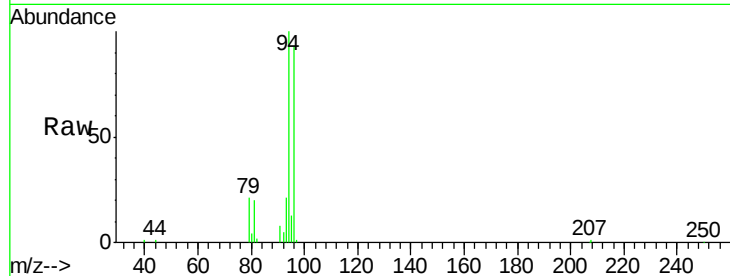
96 92.7 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 43.339 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067553.D

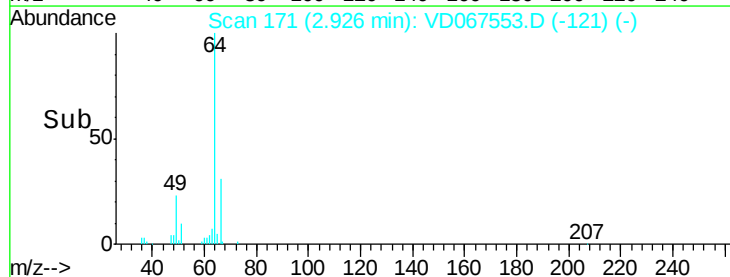
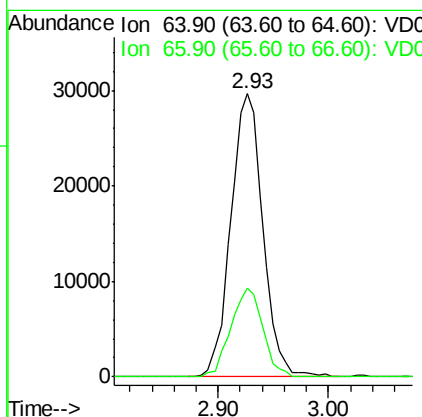
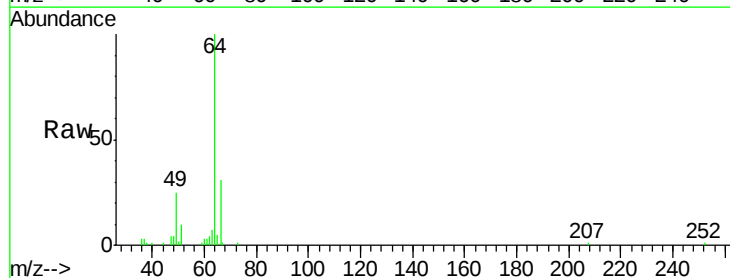
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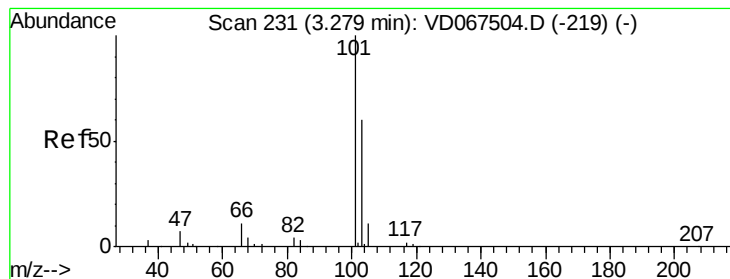
Tgt Ion: 64 Resp: 60458

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8





#7

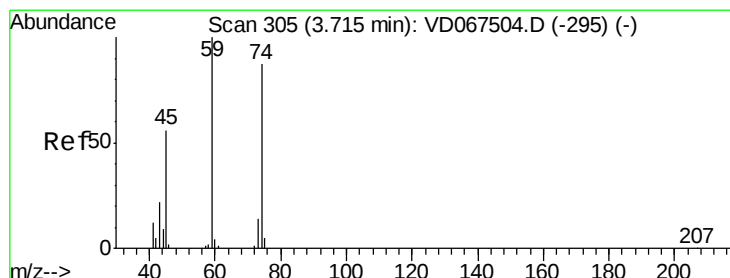
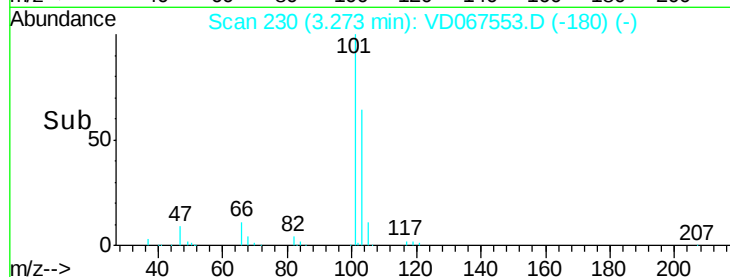
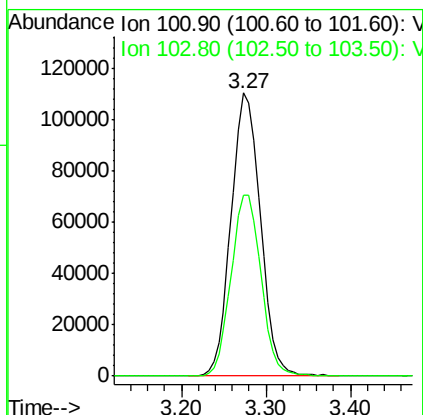
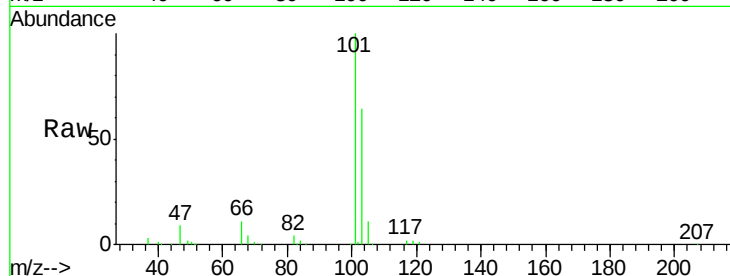
Trichlorofluoromethane
 Concen: 45.336 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067553.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		265609		
103	63.8	48.1	72.1		

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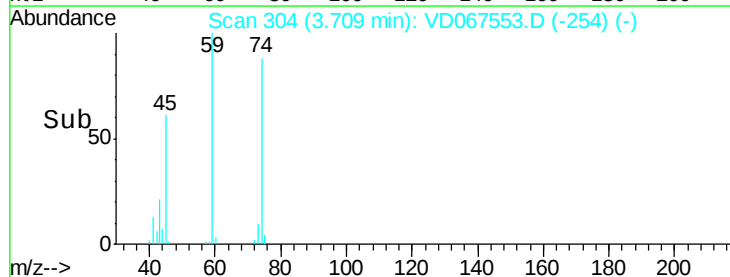
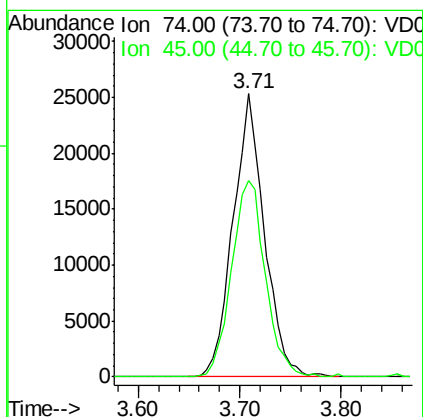
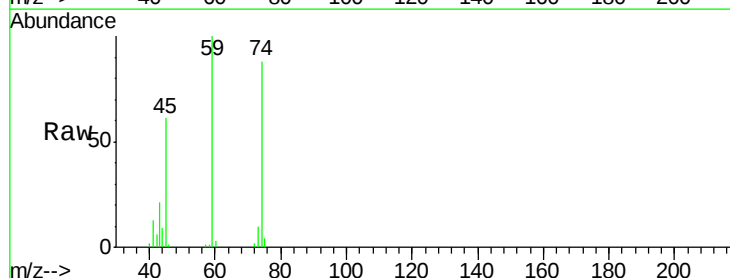
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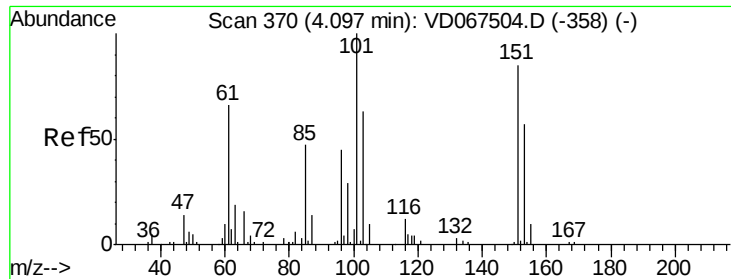


#8

Diethyl Ether
 Concen: 45.967 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067553.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		54265		
45	74.5	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.723 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

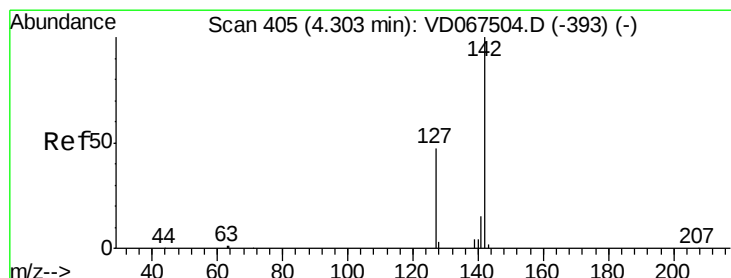
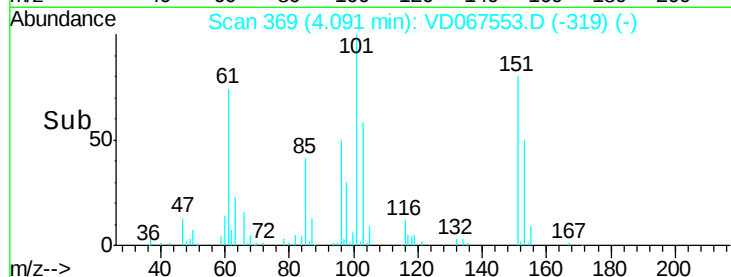
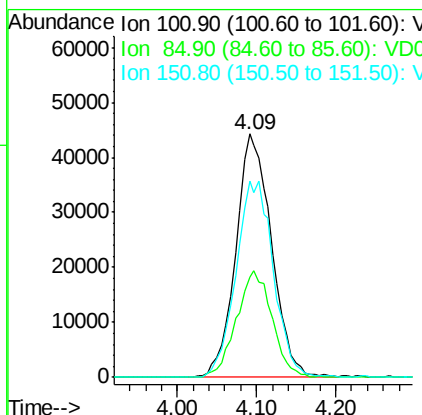
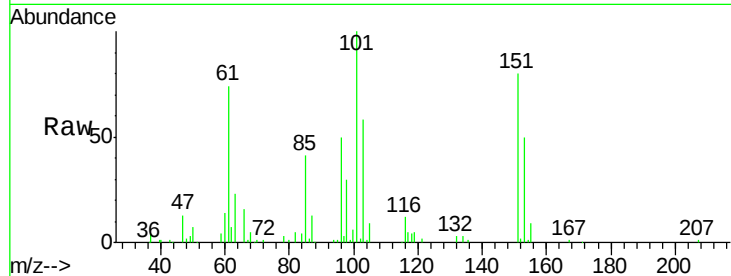
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	138176
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.4	51.6
151	84.3	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.666 ug/l

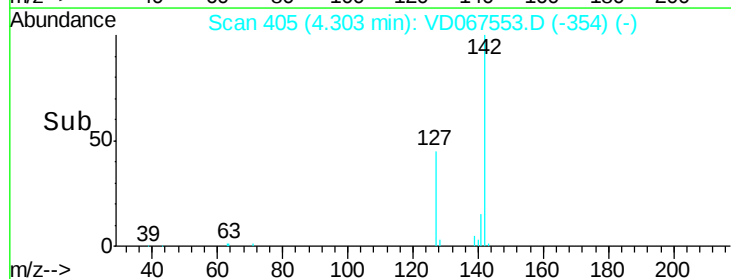
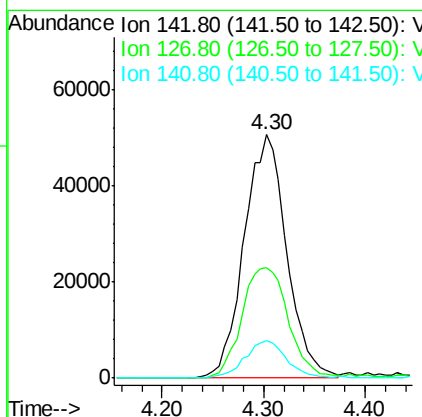
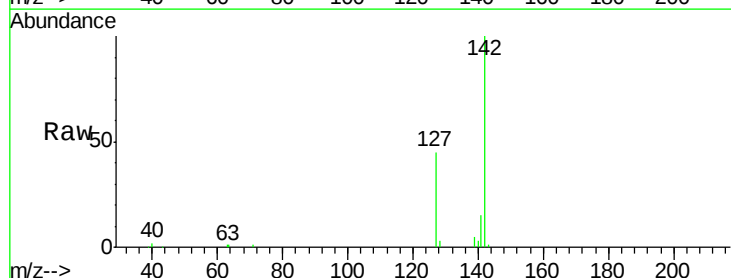
RT: 4.30 min Scan# 405

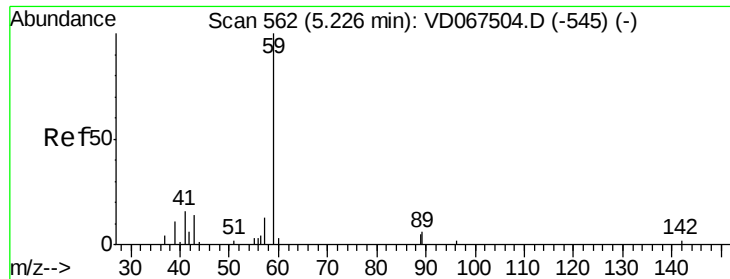
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	142	Resp:	147914
Ion Ratio	Lower	Upper	
142	100		
127	49.7	40.0	60.0
141	15.0	11.7	17.5





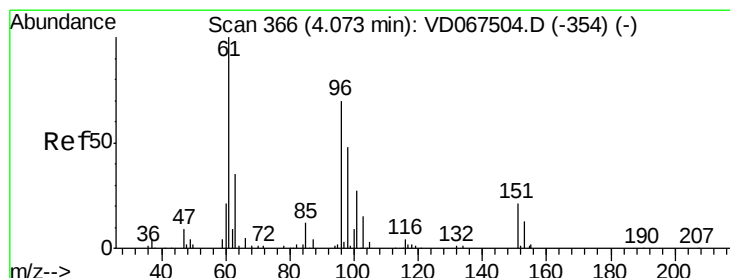
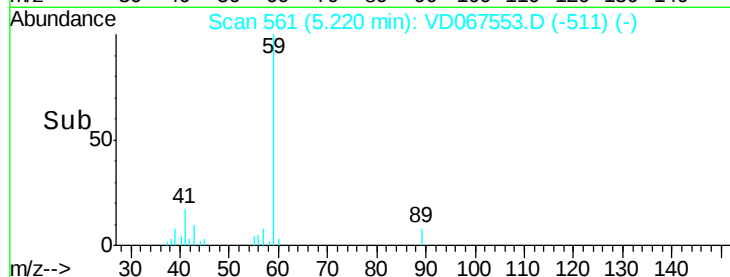
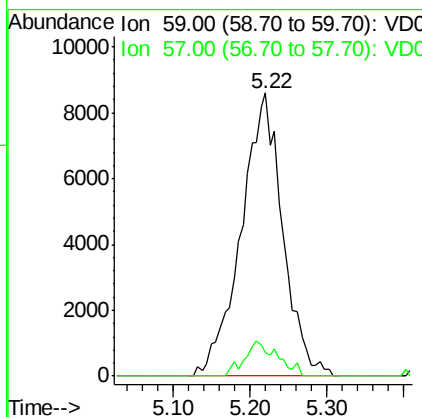
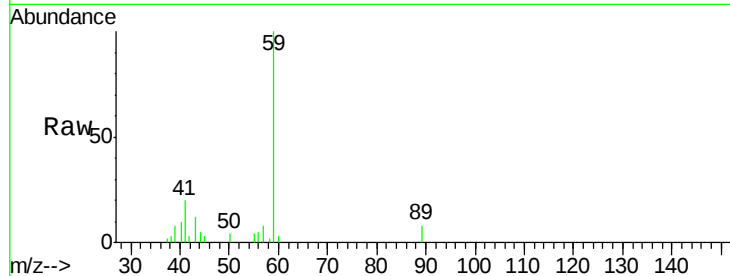
#11
Tert butyl alcohol
Concen: 264.976 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	5.9	8.9#

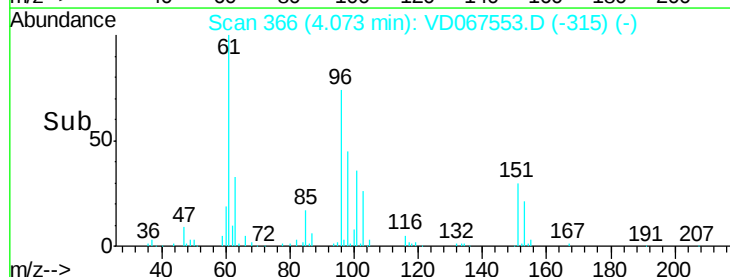
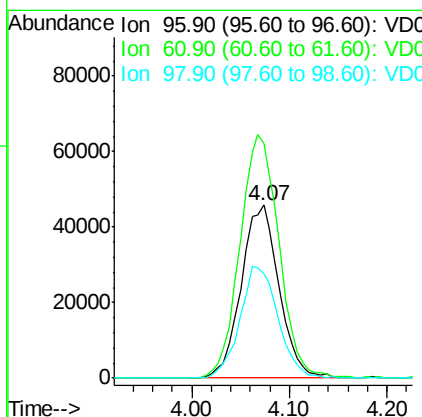
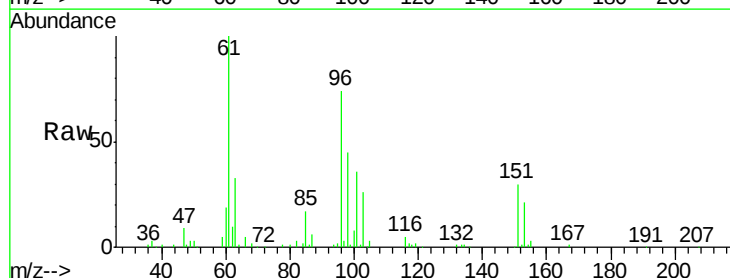
Manual Integrations
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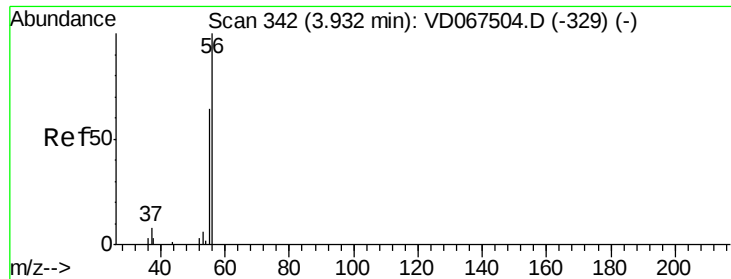
MMDadoda
11/9/2020 10:44:48 AM



#12
1,1-Dichloroethene
Concen: 45.742 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.4	114.5	171.7
98	60.4	54.5	81.7





#13

Acrolein

Concen: 270.646 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 34567

Ion Ratio Lower Upper

56 100

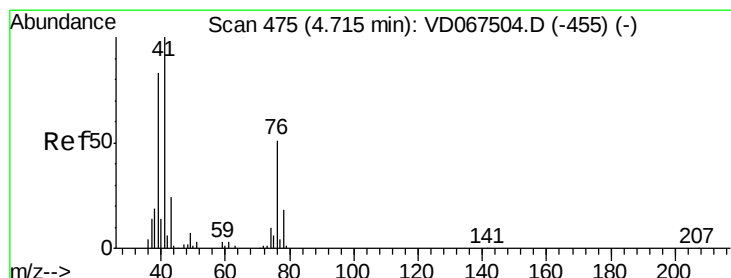
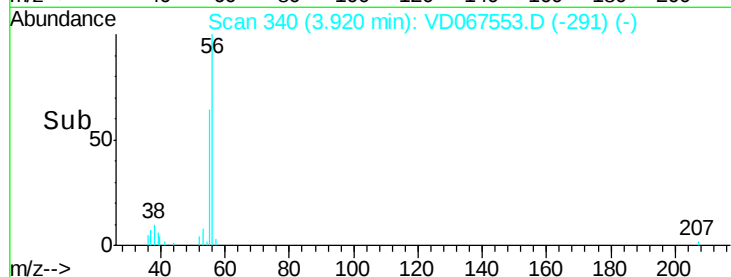
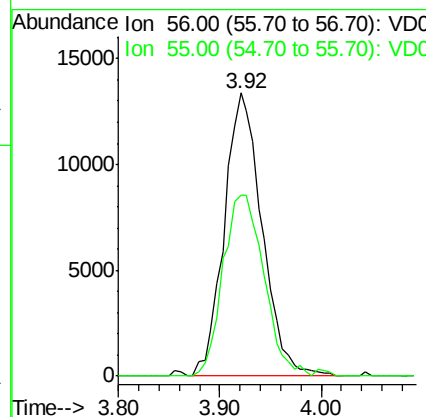
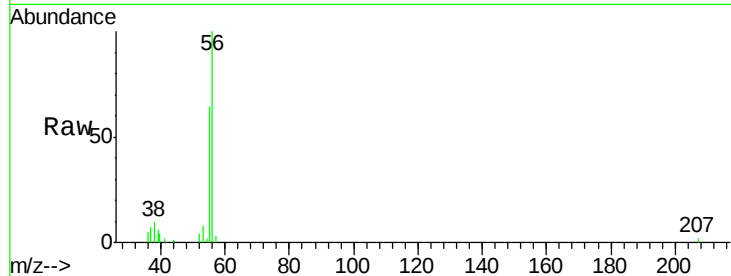
55 69.2 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 46.235 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

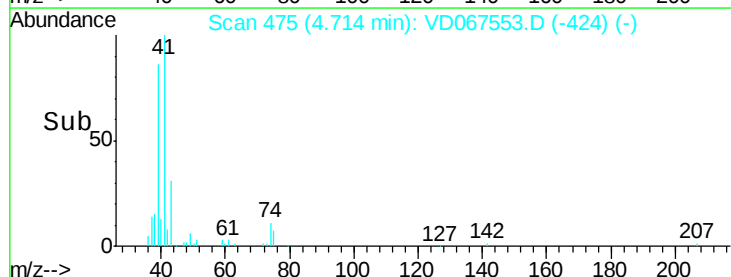
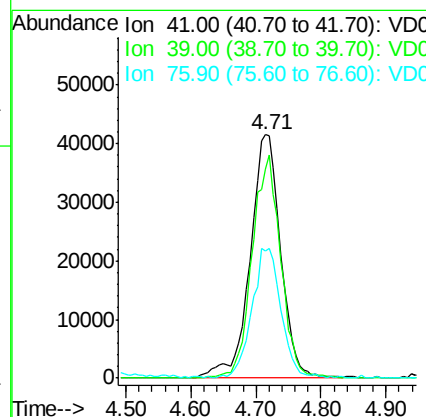
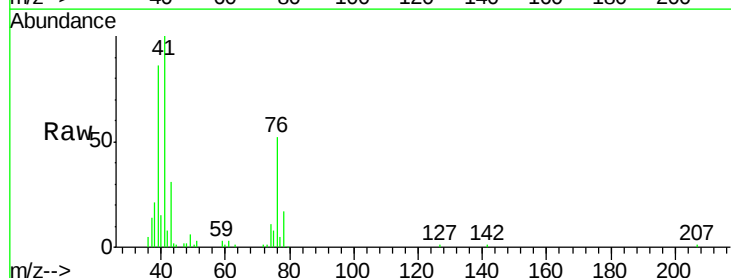
Tgt Ion: 41 Resp: 134603

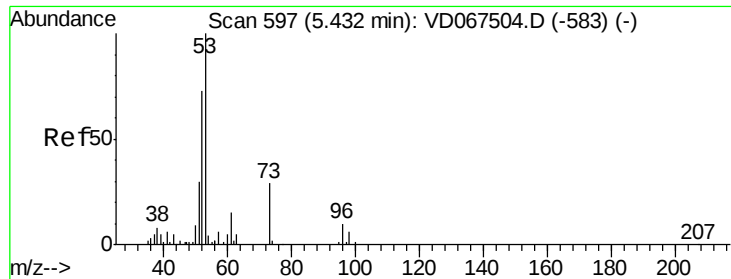
Ion Ratio Lower Upper

41 100

39 85.9 67.4 101.0

76 50.6 42.2 63.2





#15

Acrylonitrile

Concen: 229.729 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

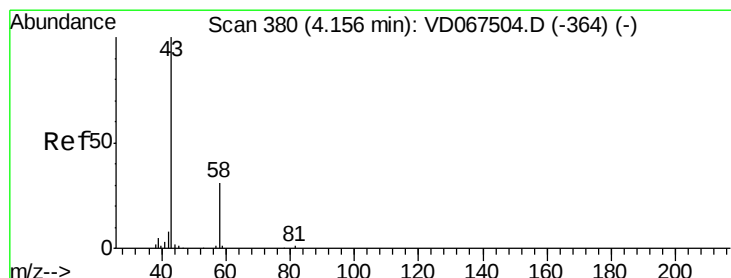
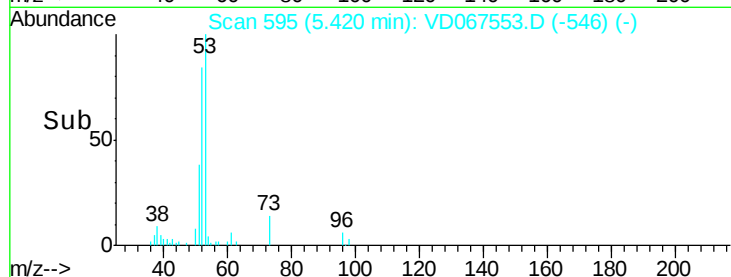
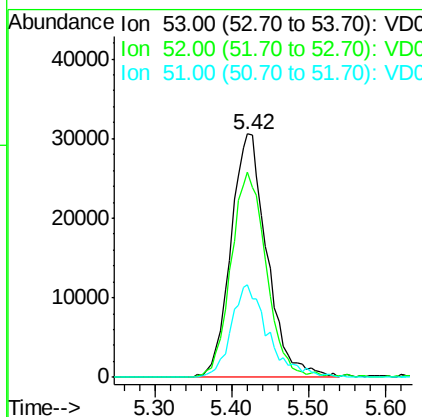
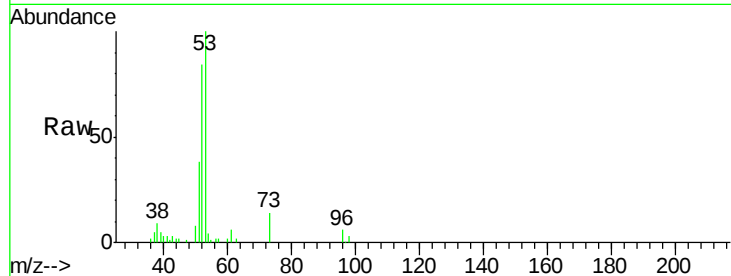
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	100251
Ion Ratio	Lower	Upper	
53	100		
52	81.8	64.8	97.2
51	38.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 228.046 ug/l

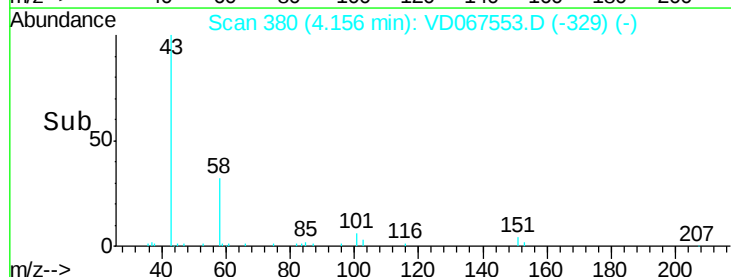
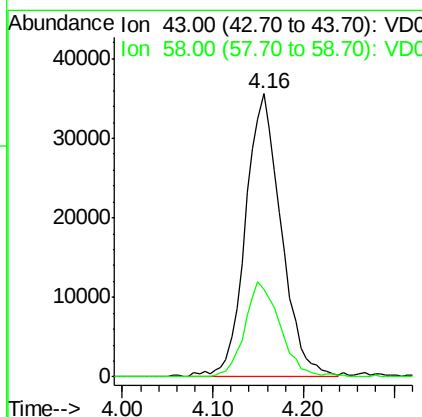
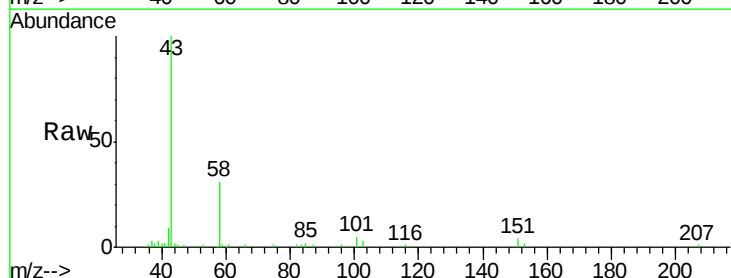
RT: 4.16 min Scan# 380

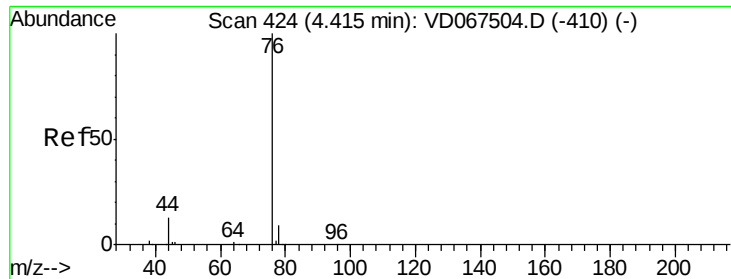
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	43	Resp:	97249
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.2	37.8





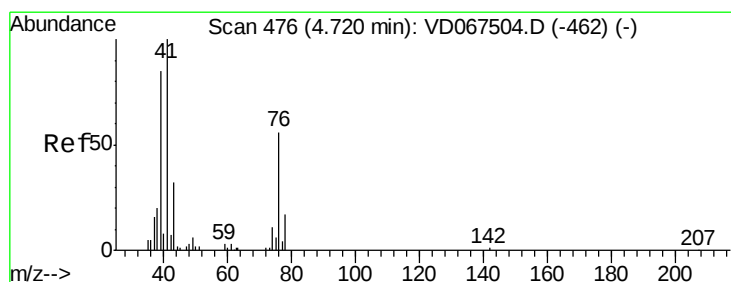
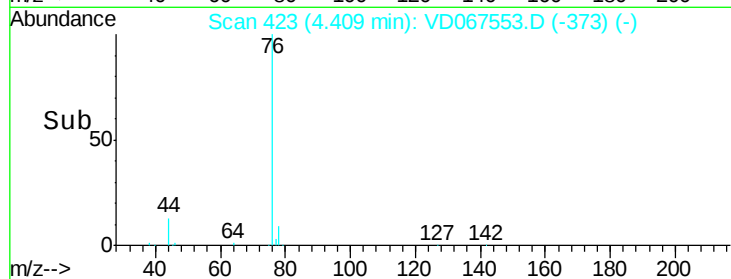
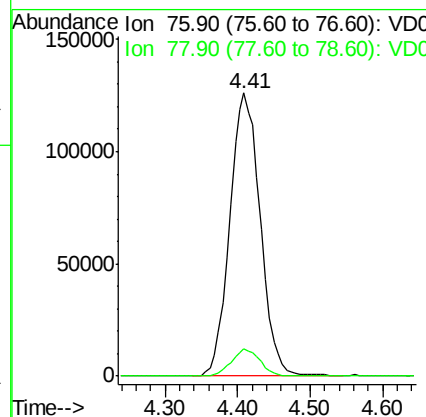
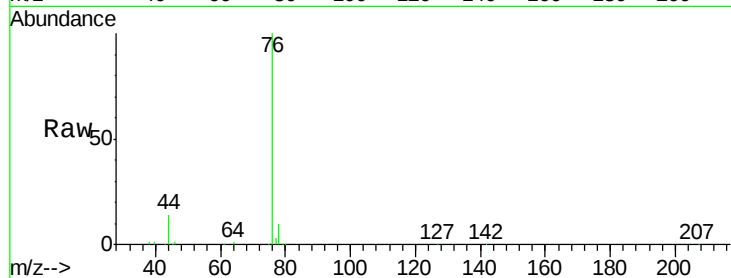
#17
Carbon Disulfide
Concen: 44.029 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

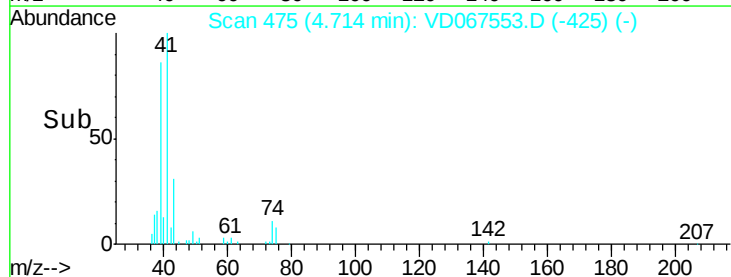
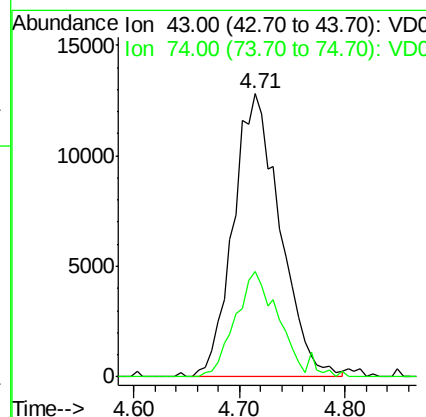
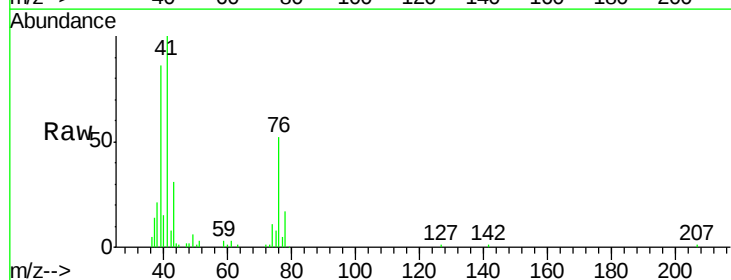
Manual Integrations
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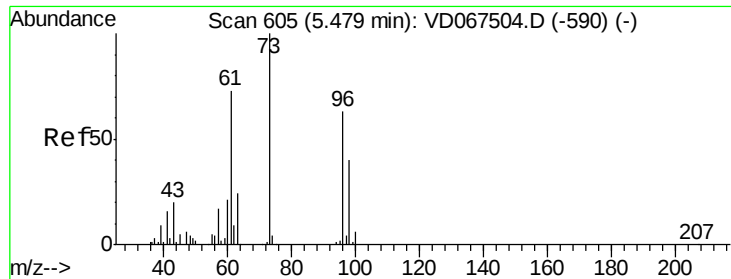
MMDadoda
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#18
Methyl Acetate
Concen: 44.649 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.4	27.2	40.8





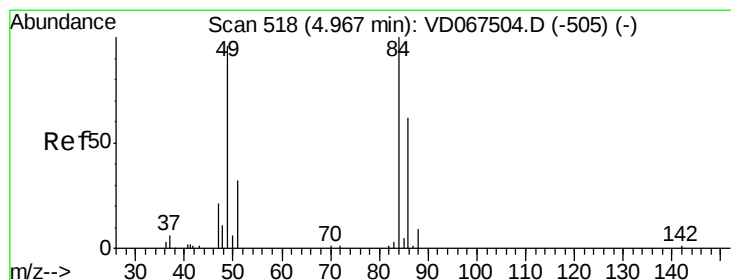
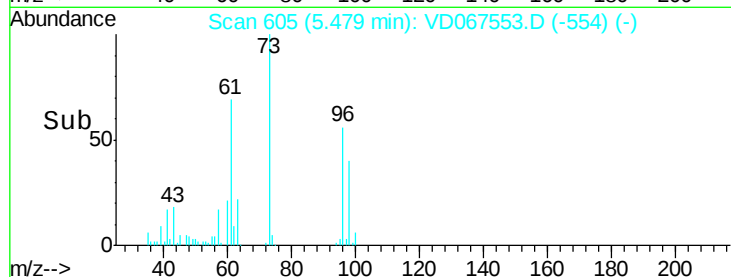
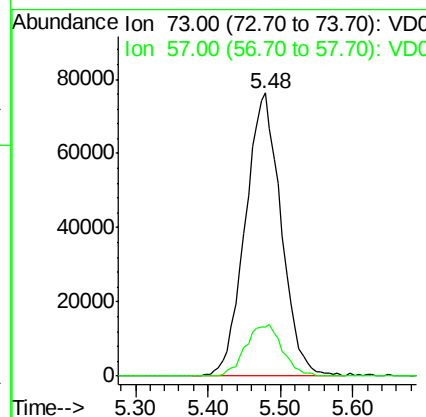
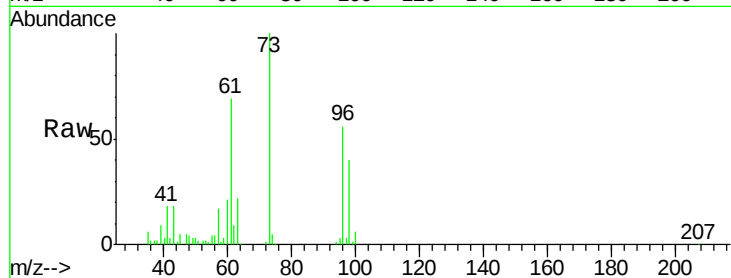
#19
Methvl tert-butvl Ether
Concen: 48.891 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 262330
Ion Ratio Lower Upper
73 100
57 17.2 13.4 20.0

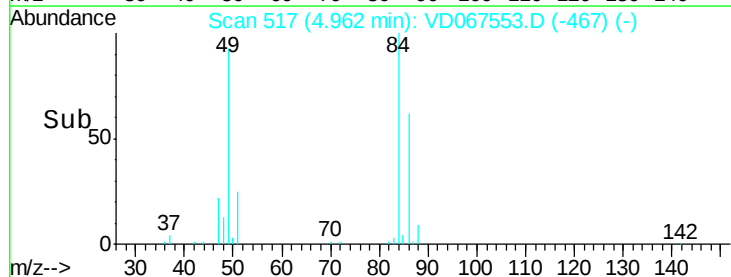
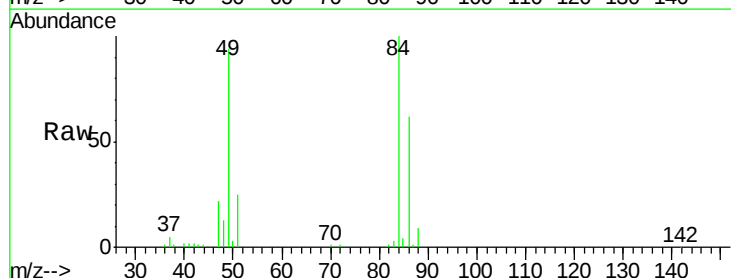
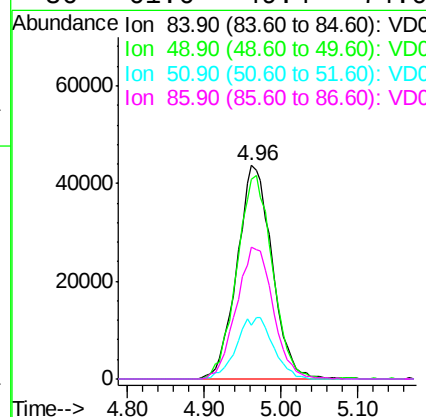
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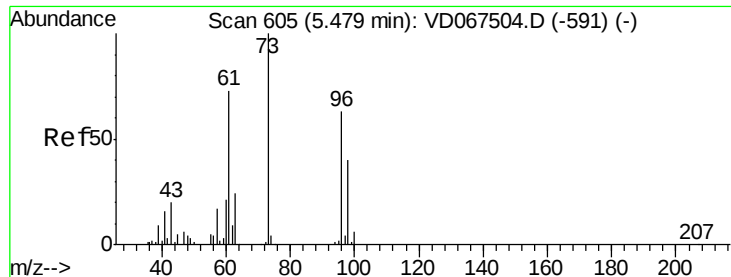
MMDadoda
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#20
Methylene Chloride
Concen: 46.302 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 84 Resp: 139479
Ion Ratio Lower Upper
84 100
49 93.8 77.0 115.4
51 25.5 25.4 38.2
86 61.6 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.549 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

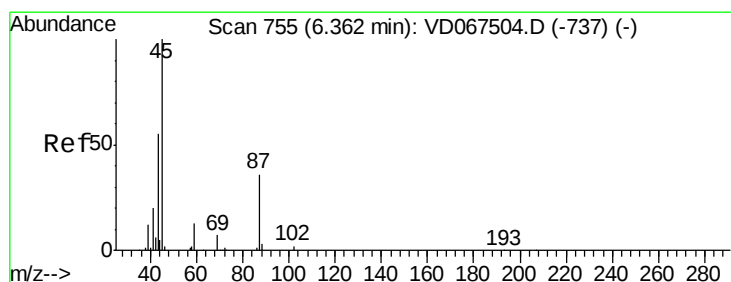
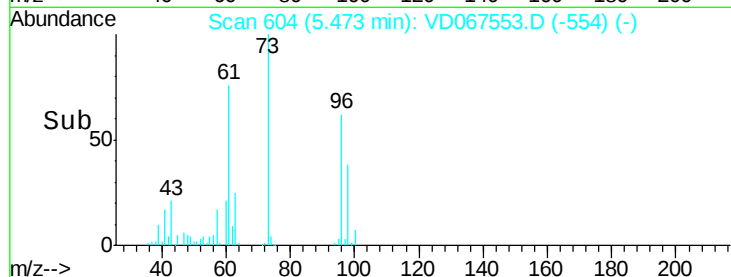
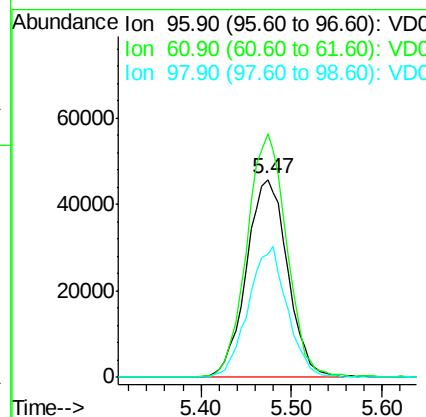
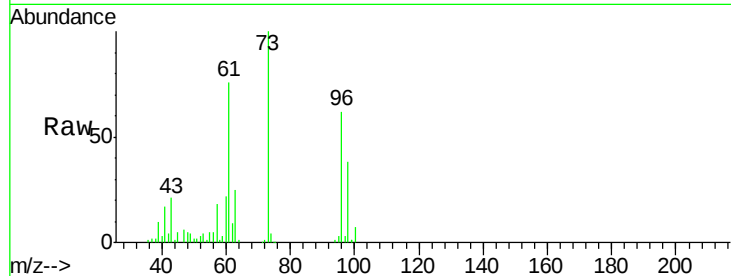
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	144313
Ion	Ratio	Lower	Upper
96	100		
61	123.0	93.0	139.6
98	62.0	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.971 ug/l

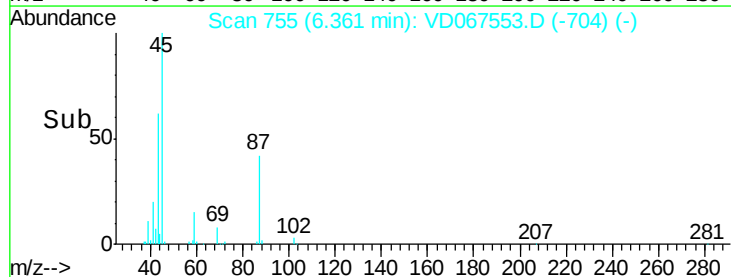
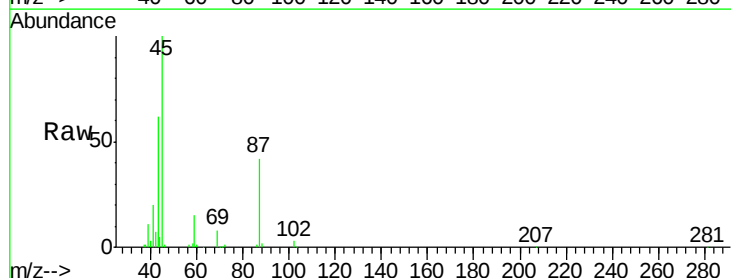
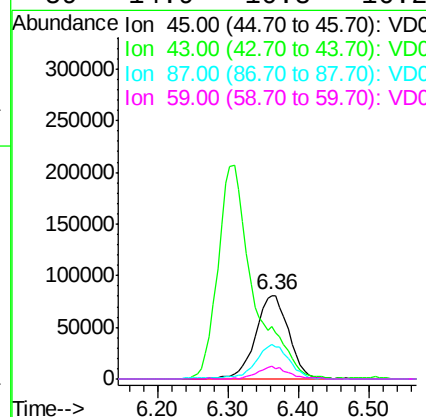
RT: 6.36 min Scan# 755

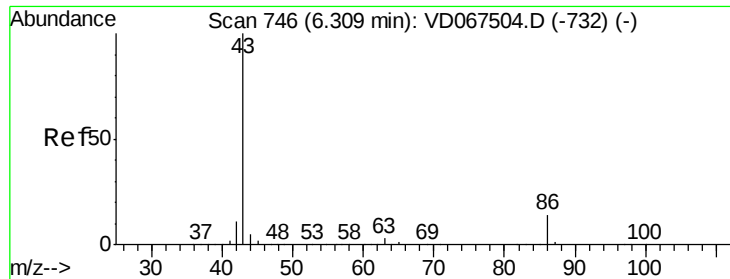
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	45	Resp:	266482
Ion	Ratio	Lower	Upper
45	100		
43	60.8	46.2	69.4
87	41.3	29.4	44.2
59	14.9	10.8	16.2





#23

Vinyl Acetate

Concen: 243.722 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 723782

Ion Ratio Lower Upper

43 100

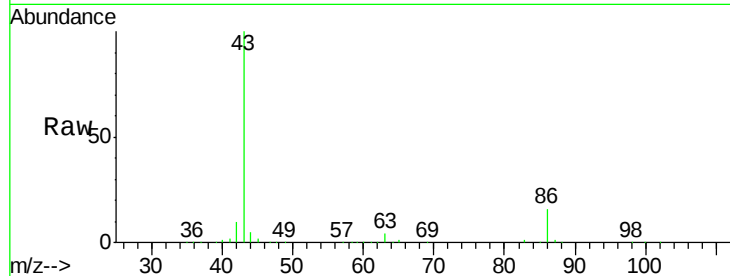
86 16.4 11.6 17.4

Manual Integrations

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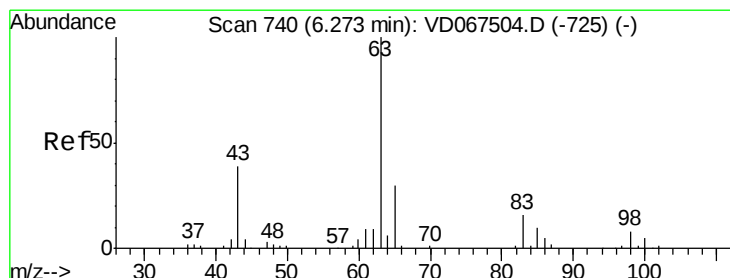
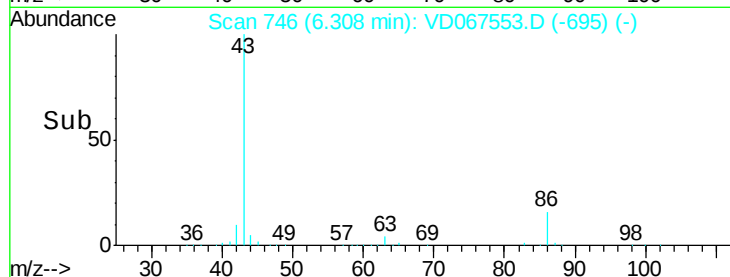
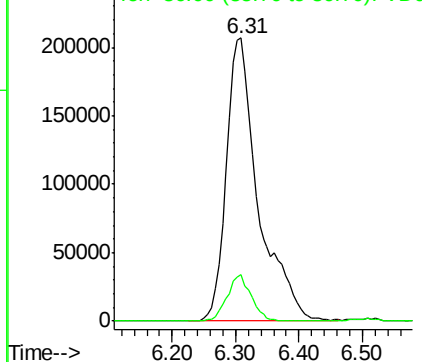
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 44.885 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

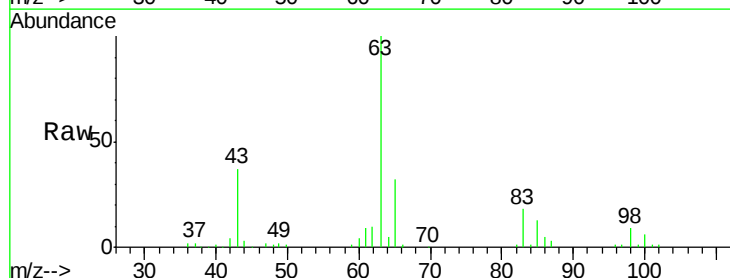
Tgt Ion: 63 Resp: 208326

Ion Ratio Lower Upper

63 100

98 9.1 3.9 11.5

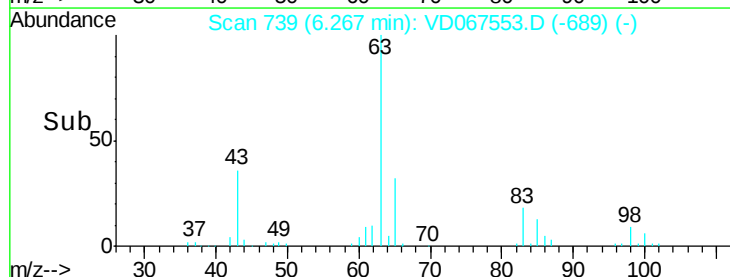
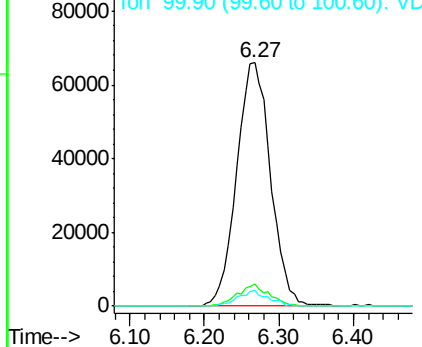
100 6.3 2.6 7.8

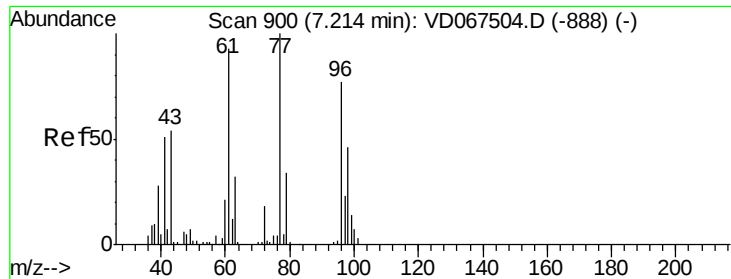


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 231.054 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 105284

Ion Ratio Lower Upper

43 100

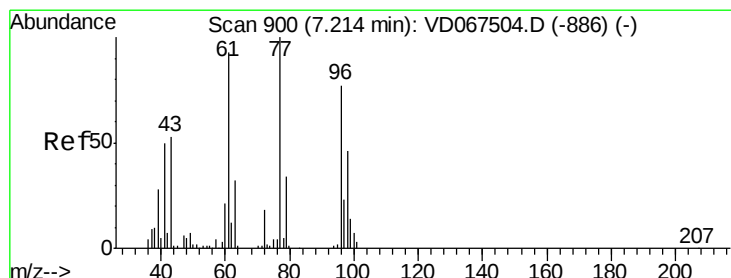
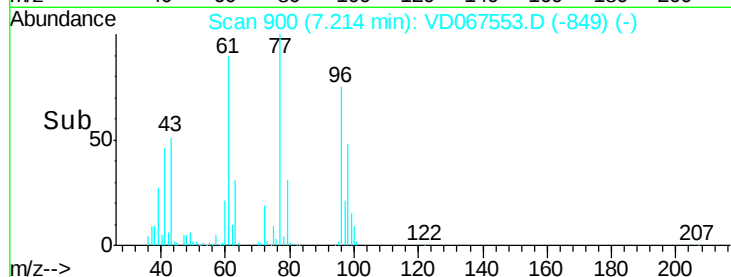
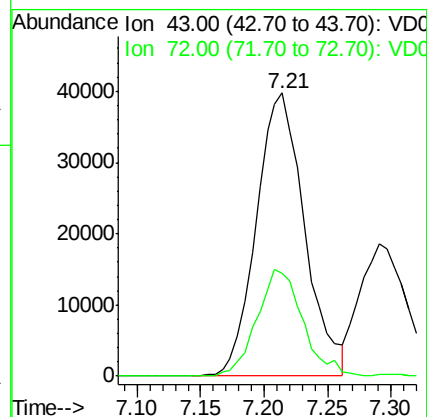
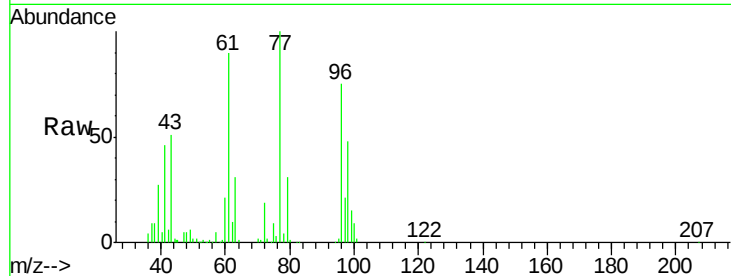
72 36.4 26.4 39.6

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#26

2,2-Dichloropropane

Concen: 46.739 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067553.D

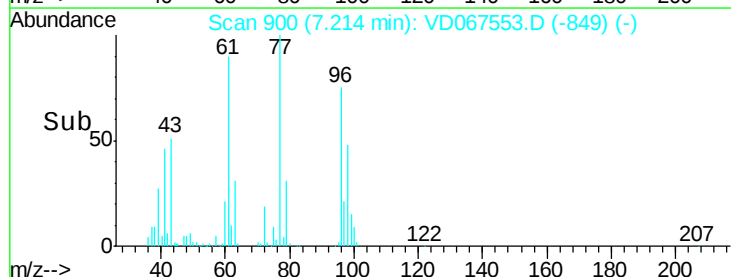
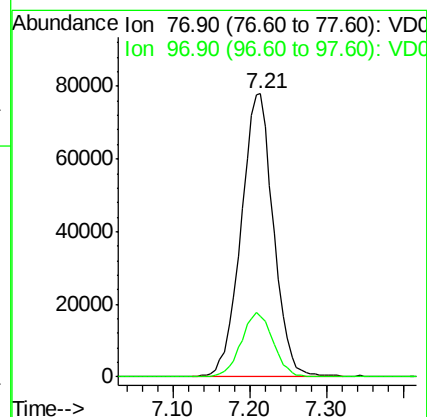
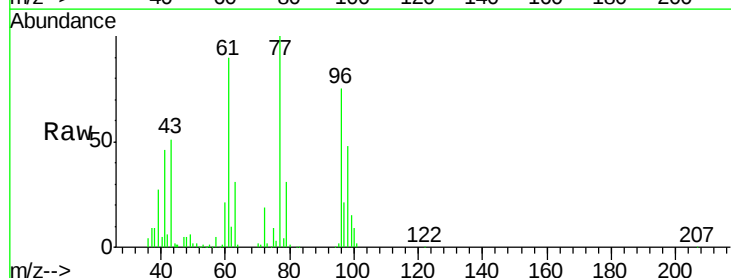
Acq: 06 Nov 2020 15:40

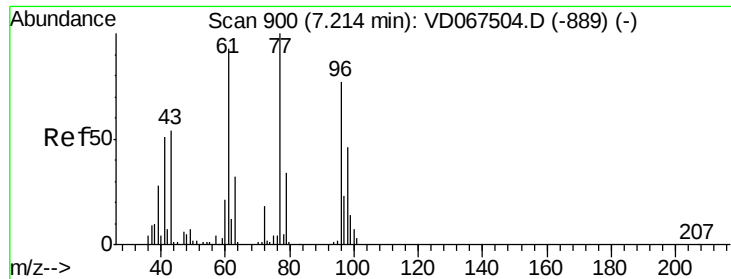
Tgt Ion: 77 Resp: 228948

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

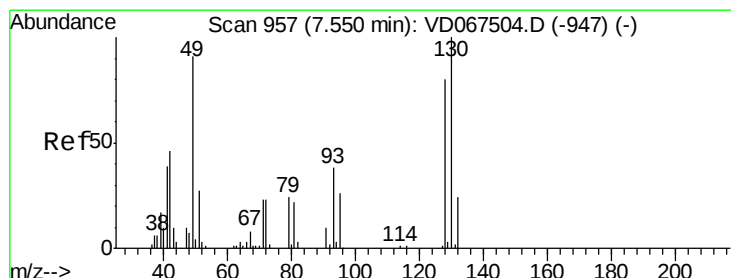
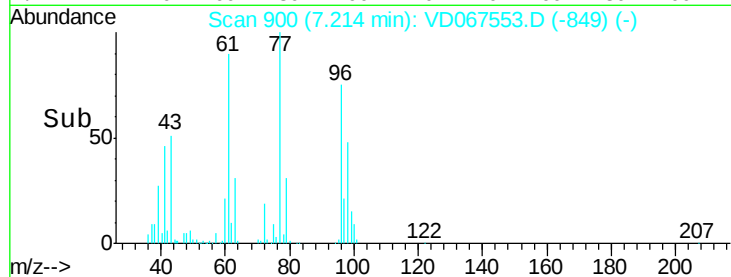
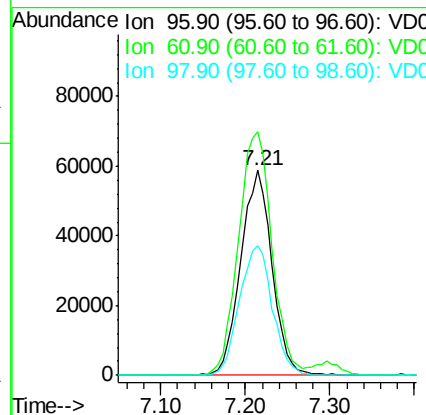
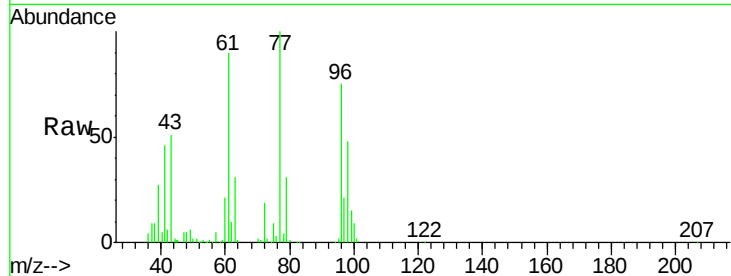
cis-1,2-Dichloroethene
Concen: 45.896 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	150933		
61	126.7		0.0	251.6
98	66.4		0.0	128.0

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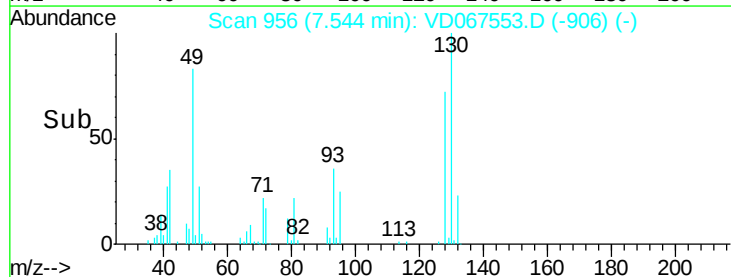
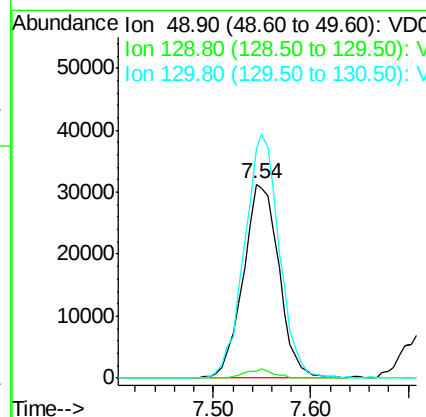
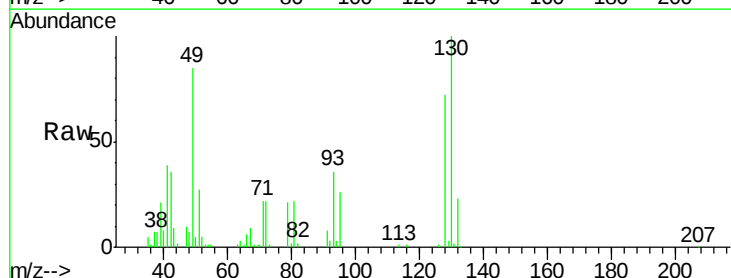
MMDadoda
11/9/2020 10:44:48 AM

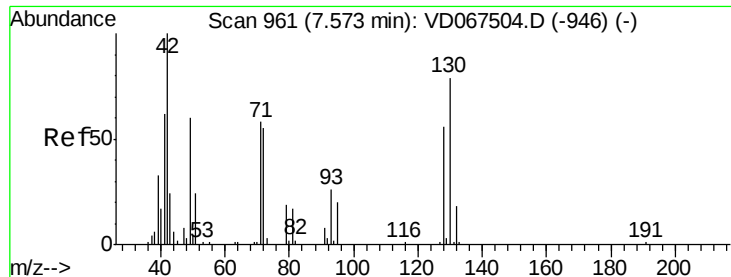


#28

Bromochloromethane
Concen: 48.255 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79666		
129	3.6		0.0	6.4
130	122.6		94.6	142.0





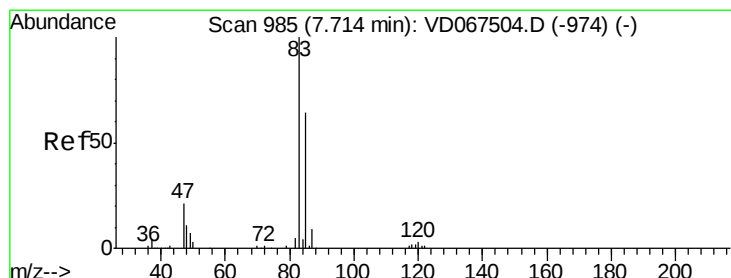
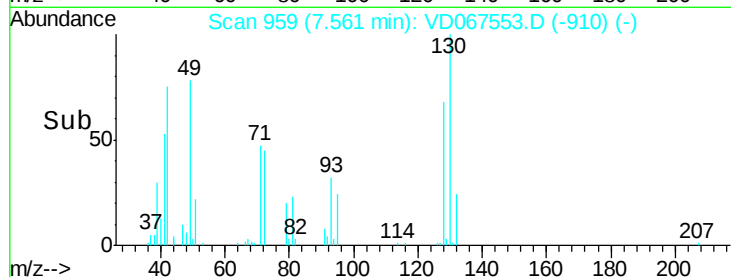
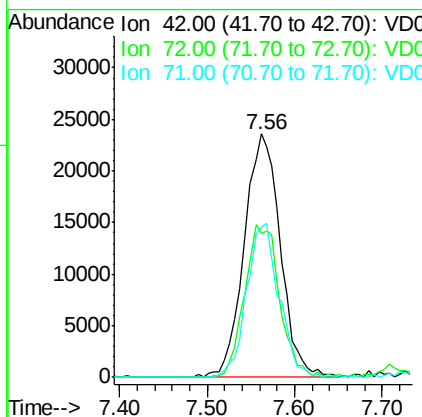
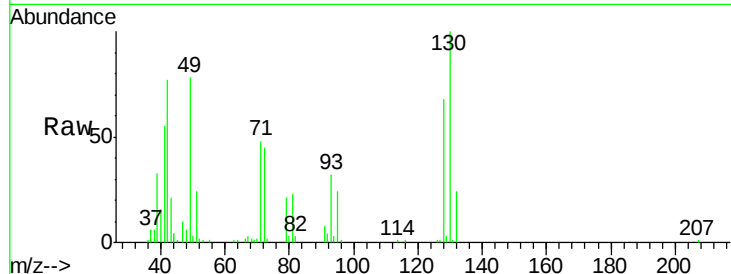
#29
Tetrahydrofuran
Concen: 241.552 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	65931
Ion	Ratio	Lower	Upper
42	100		
72	60.4	46.3	69.5
71	57.0	44.0	66.0

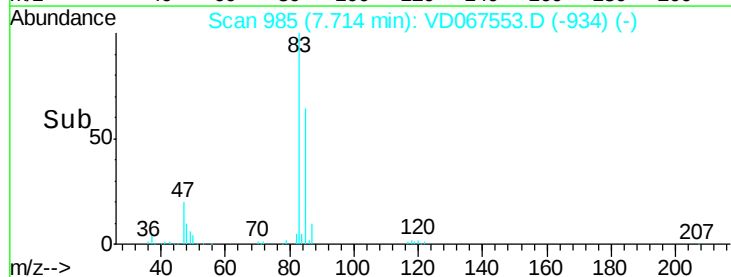
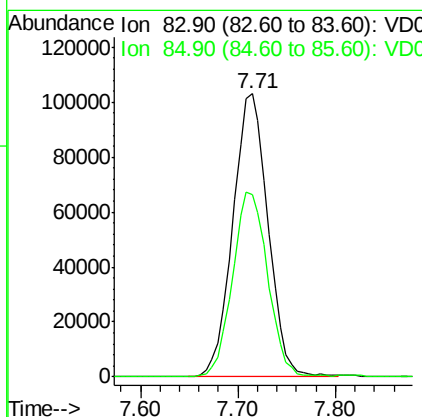
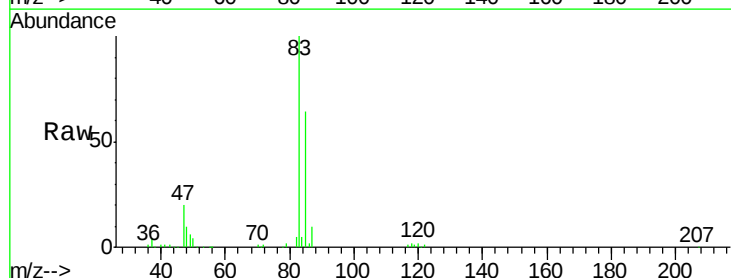
Manual Integrations
APPROVED

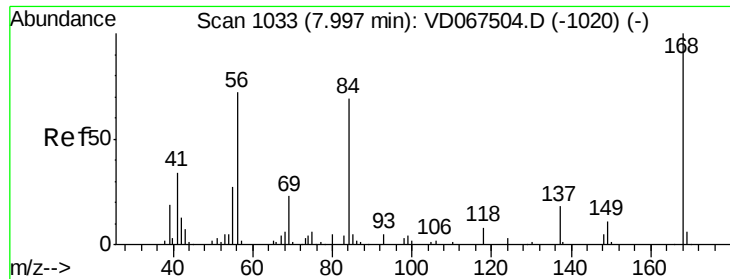
MMDadoda
11/9/2020 10:44:48 AM



#30
Chloroform
Concen: 46.454 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:	83	Resp:	257218
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





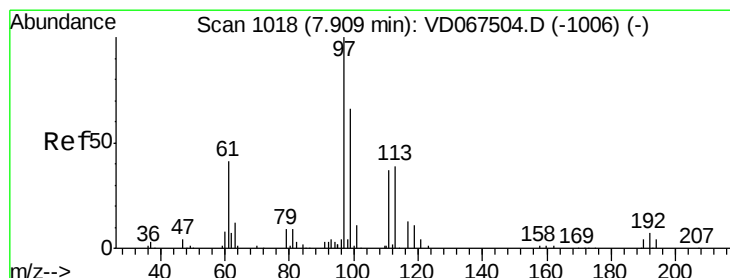
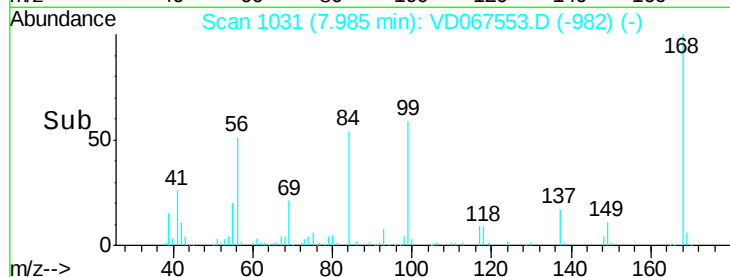
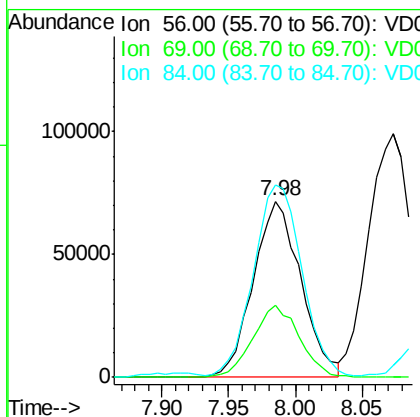
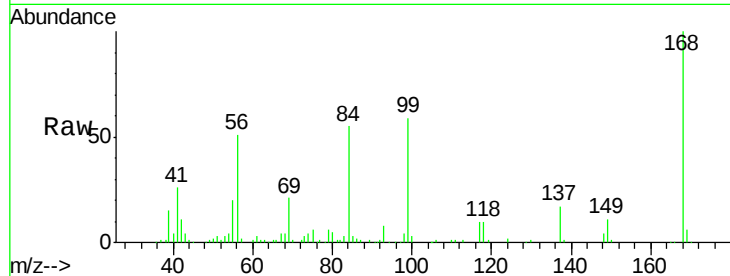
#31
Cyclohexane
Concen: 42.841 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	25.9	38.9#
84	106.9	76.2	114.4

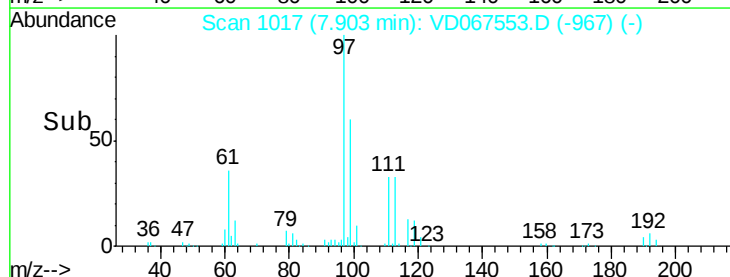
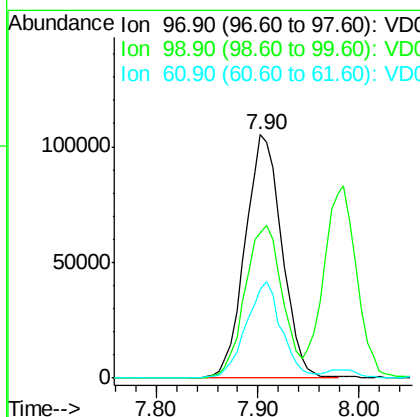
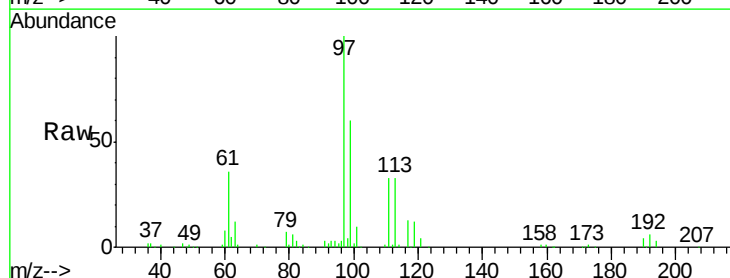
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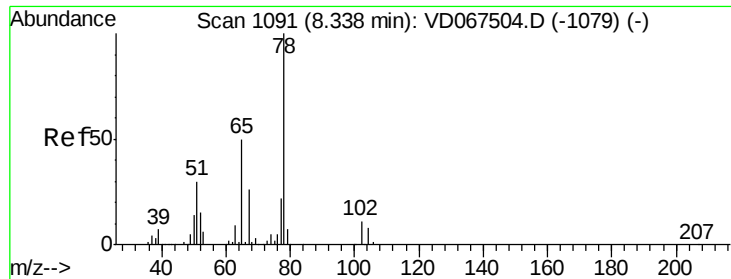
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#32
1,1,1-Trichloroethane
Concen: 46.349 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	38.1	30.5	45.7





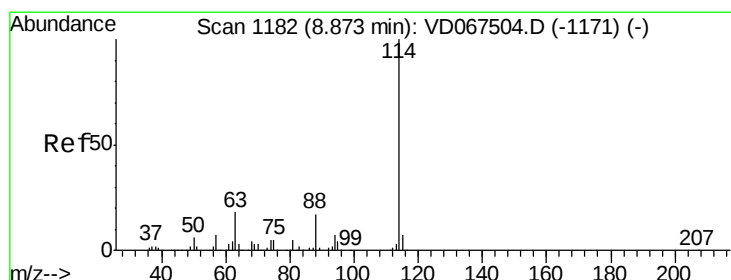
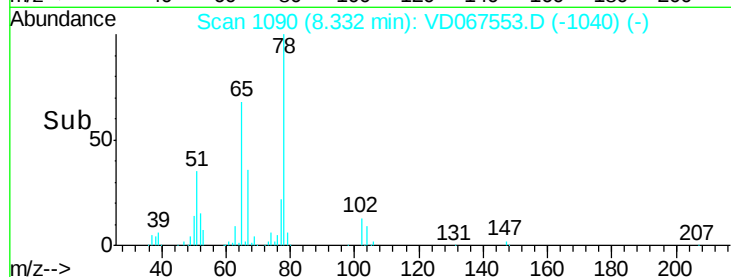
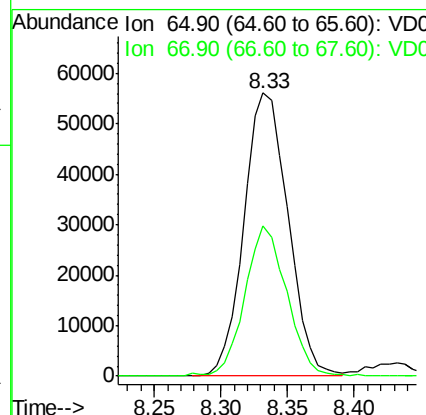
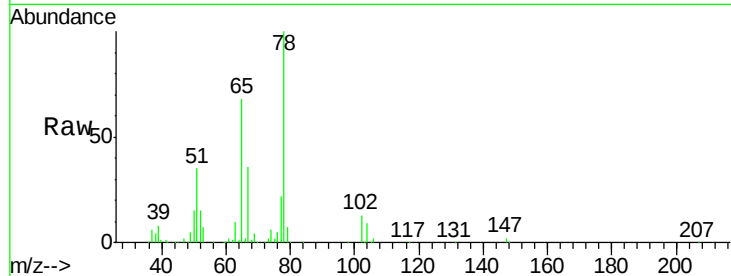
#33
 1,2-Dichloroethane-d4
 Concen: 45.038 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.3		0.0	99.4

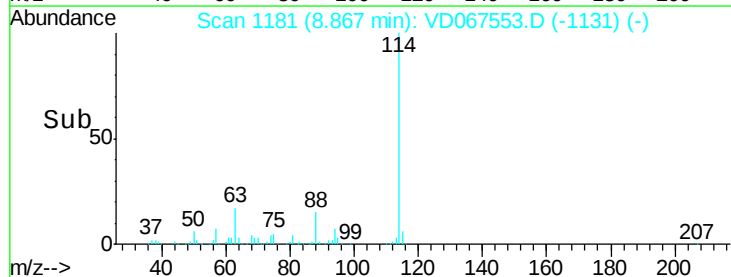
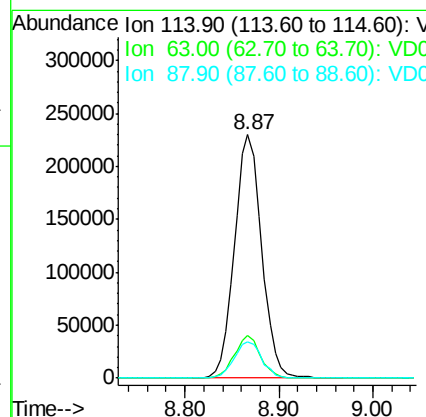
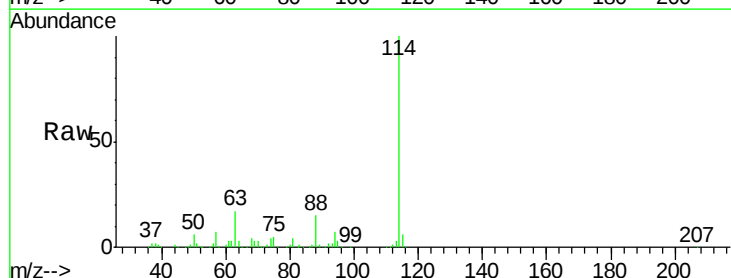
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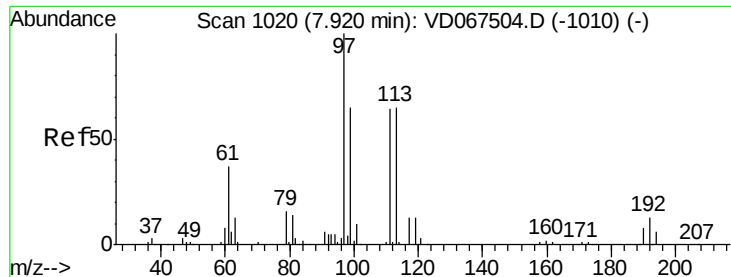
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 11/9/2020 10:44:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.4		0.0	35.0
88	15.1		0.0	33.0





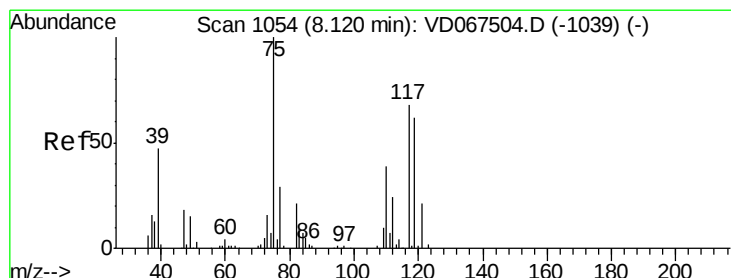
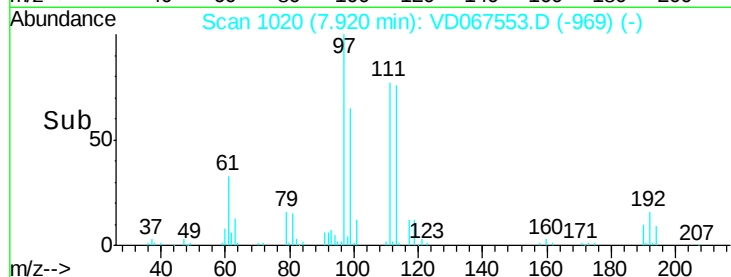
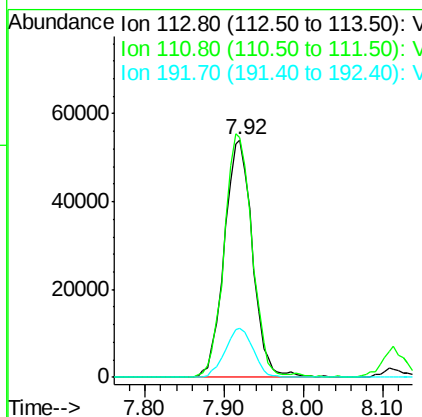
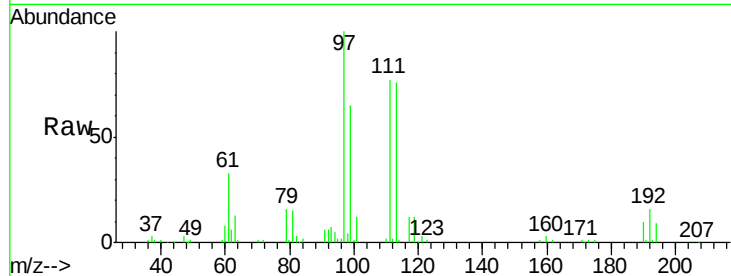
#35
 Dibromofluoromethane
 Concen: 47.606 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.0	120.0
192	20.5	16.3	24.5

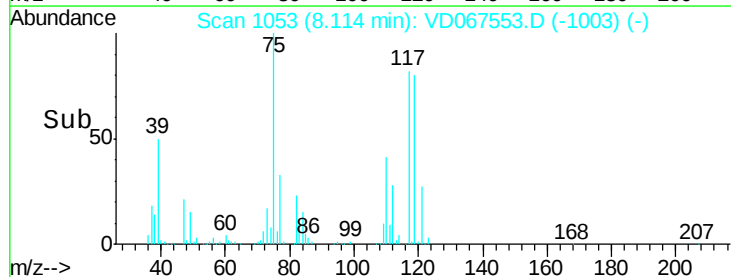
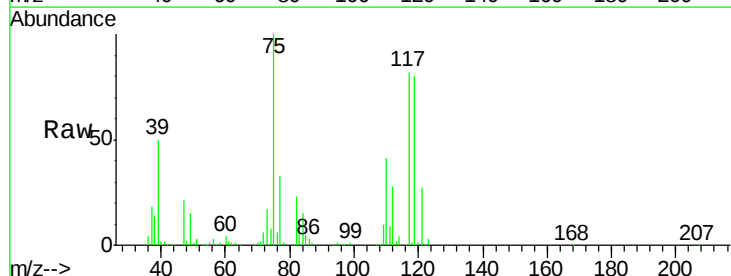
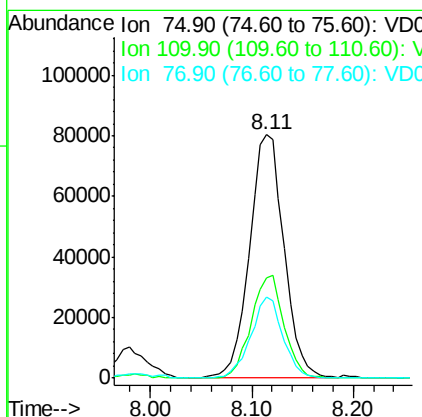
Manual Integrations
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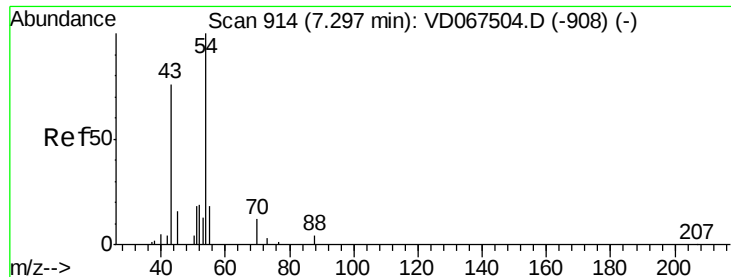
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#36
 1,1-Dichloropropene
 Concen: 47.970 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.9	59.7
77	31.1	24.8	37.2





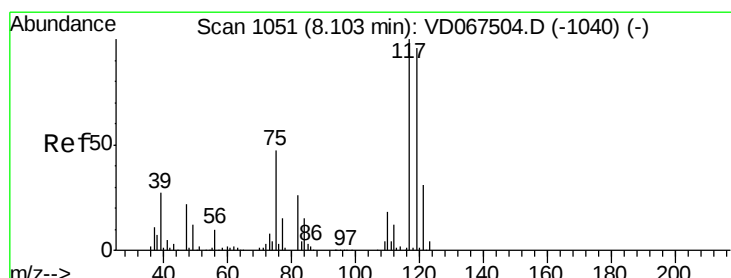
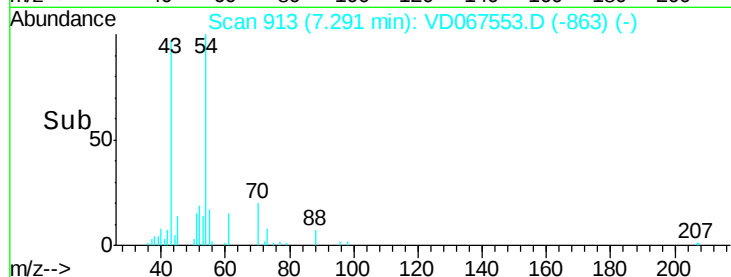
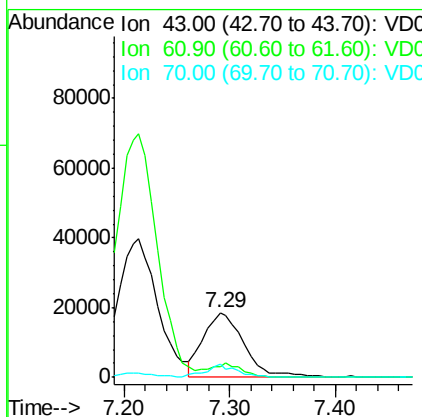
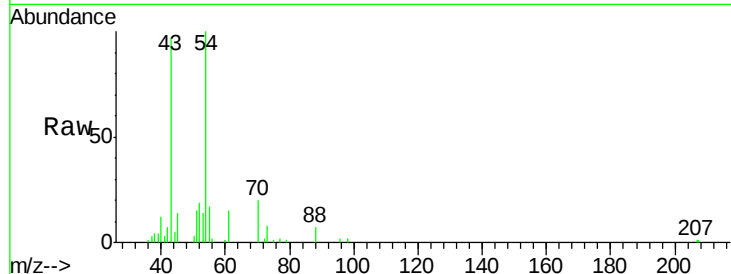
#37
Ethyl Acetate
Concen: 48.640 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.8	19.2
70	15.3	11.7	17.5

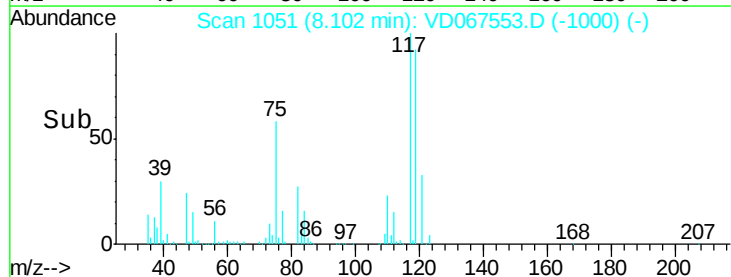
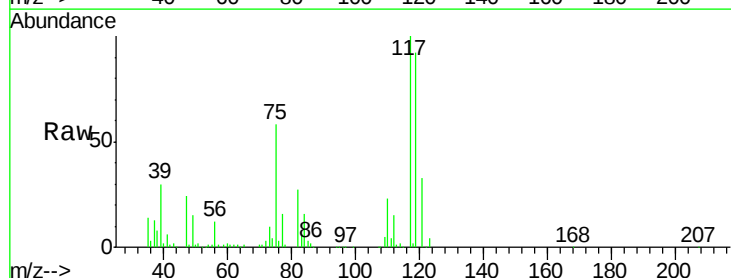
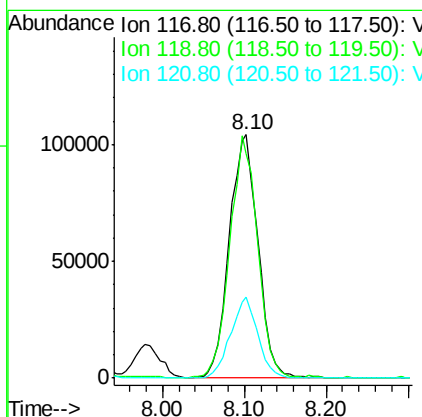
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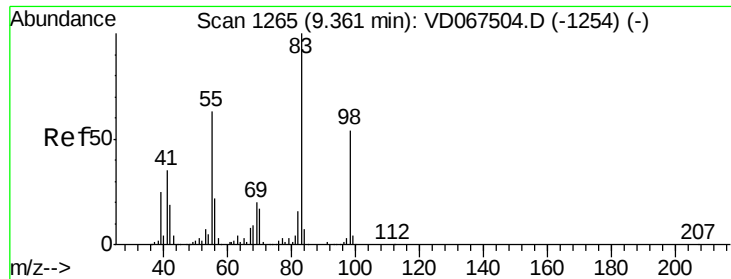
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#38
Carbon Tetrachloride
Concen: 49.786 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.9	115.3
121	33.3	24.5	36.7





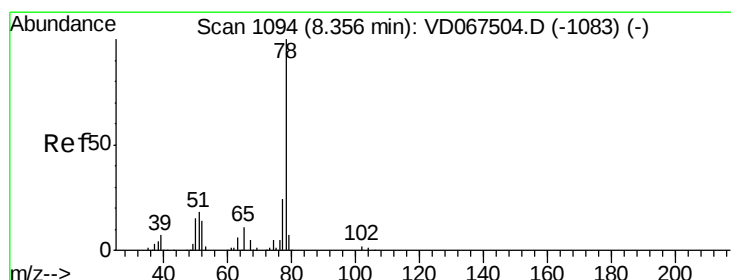
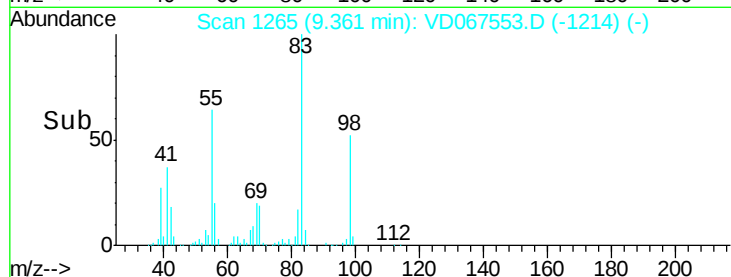
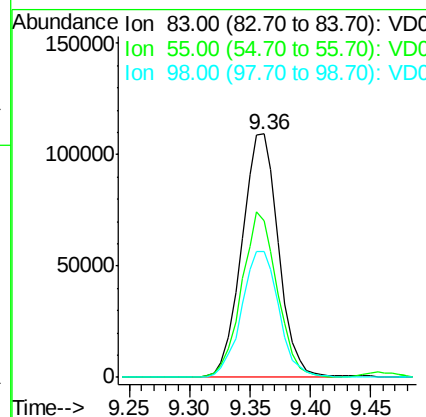
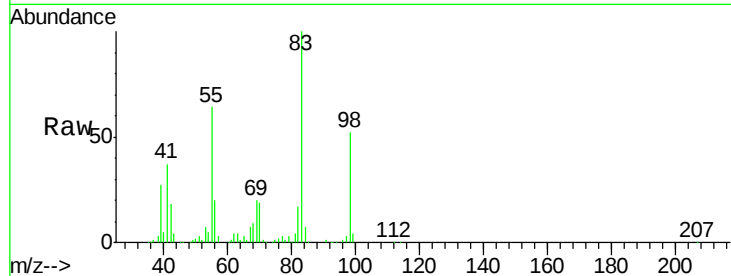
#39
Methvlcvclohexane
Concen: 49.748 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231407		
55	64.4		50.5	75.7
98	51.5		43.4	65.0

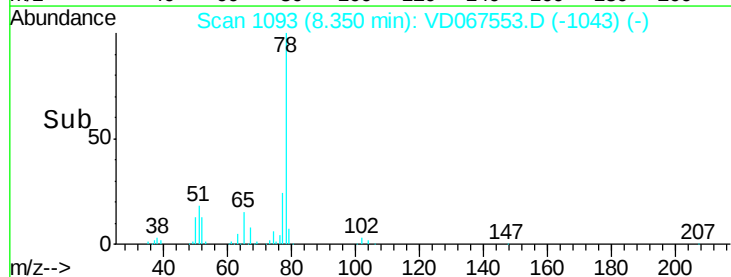
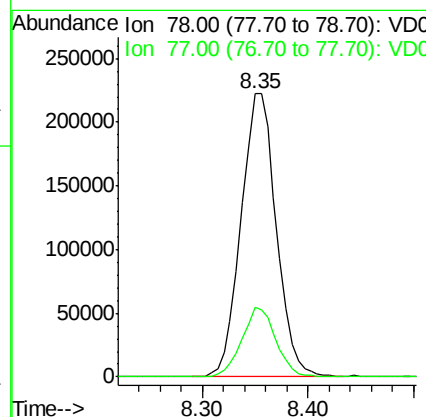
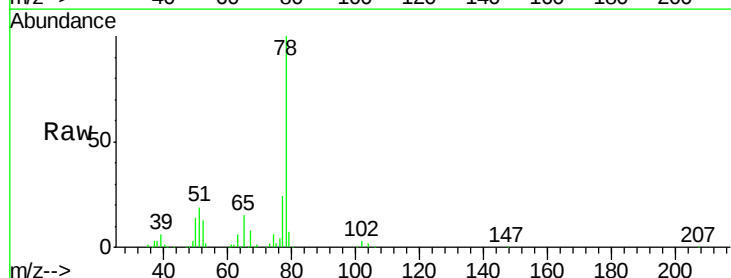
Manual Integrations
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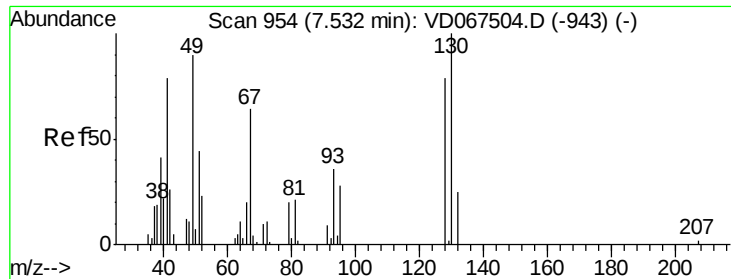
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#40
Benzene
Concen: 48.040 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	514283		
77	24.4		19.1	28.7





#41

Methacrylonitrile

Concen: 47.263 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 28987

Ion Ratio Lower Upper

41 100

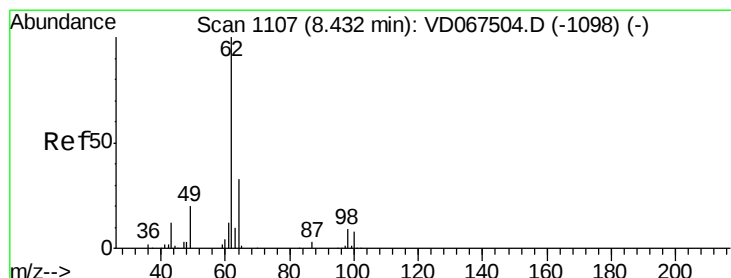
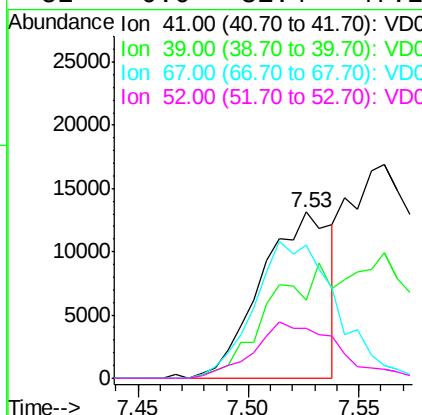
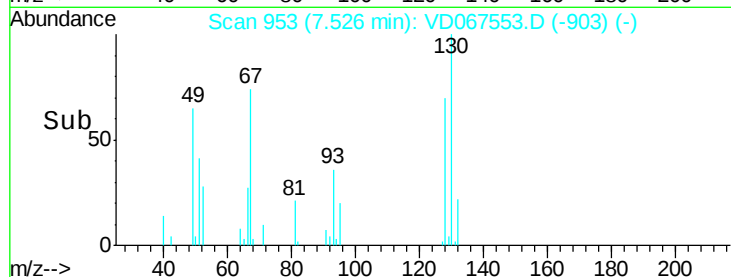
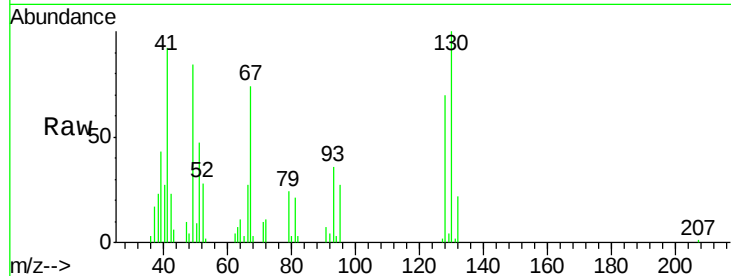
39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

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#42

1,2-Dichloroethane

Concen: 47.709 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067553.D

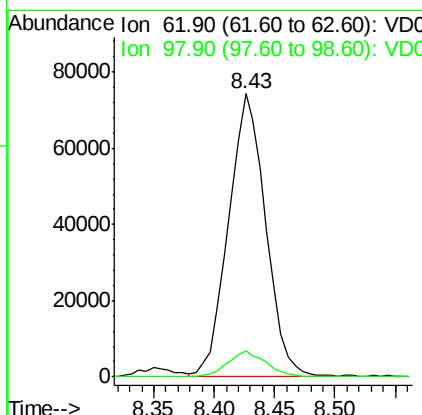
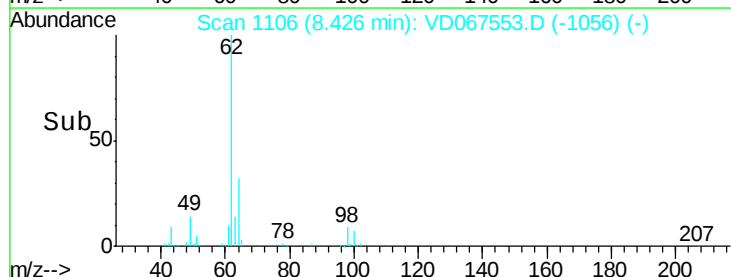
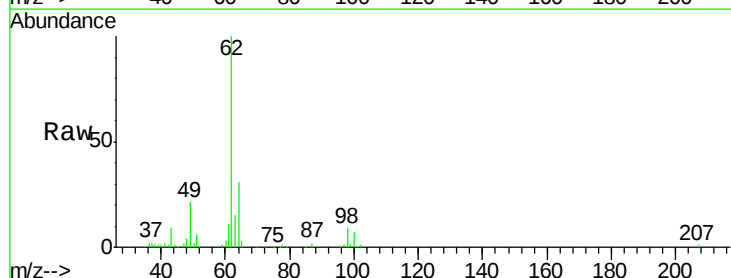
Acq: 06 Nov 2020 15:40

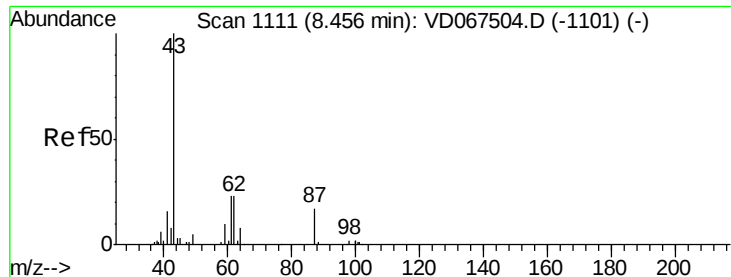
Tgt Ion: 62 Resp: 157803

Ion Ratio Lower Upper

62 100

98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.668 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

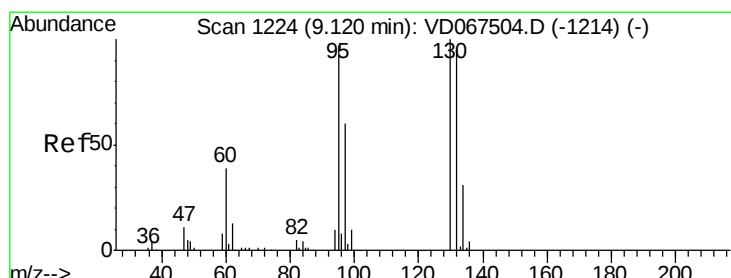
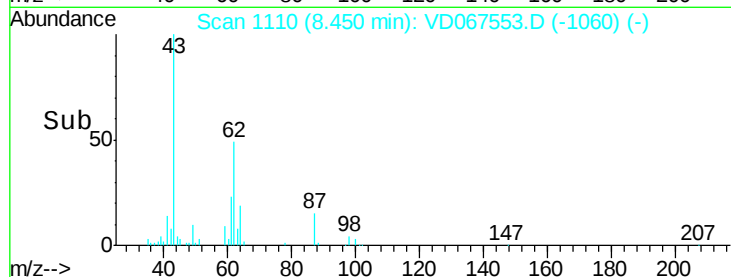
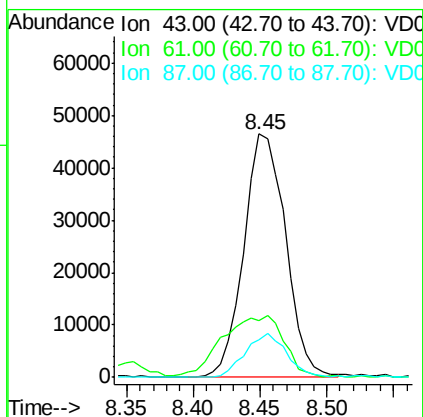
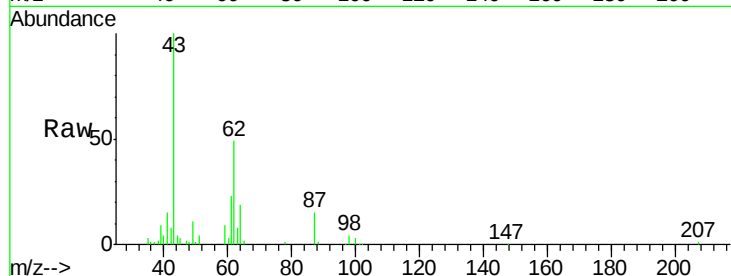
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	100787
Ion	Ratio	Lower	Upper
43	100		
61	37.9	30.5	45.7
87	17.8	14.7	22.1

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#44

Trichloroethene

Concen: 47.846 ug/l

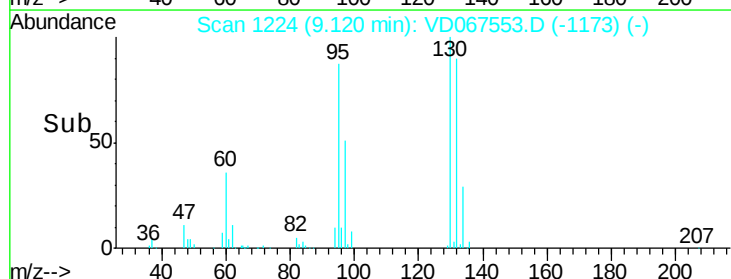
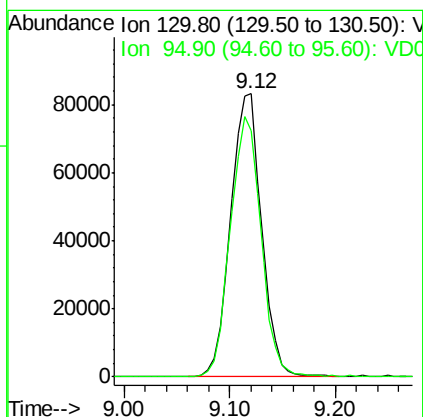
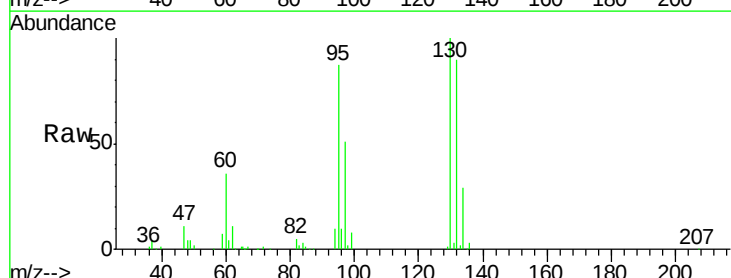
RT: 9.12 min Scan# 1224

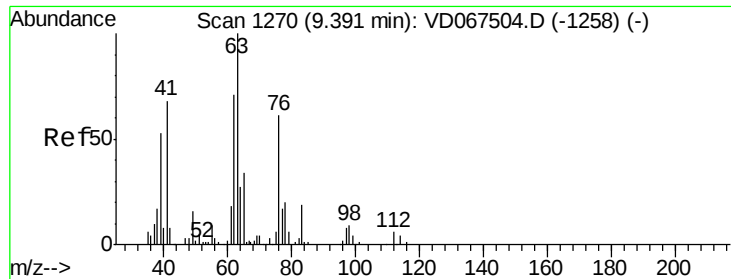
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	130	Resp:	168417
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	194.4





#45

1,2-Dichloropropane

Concen: 47.534 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 110021

Ion Ratio Lower Upper

63 100

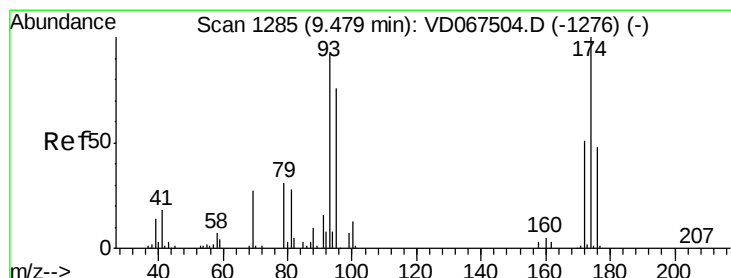
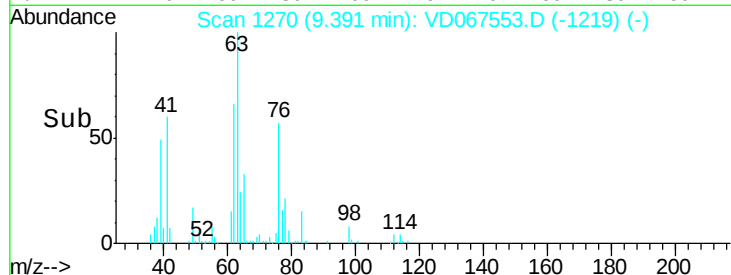
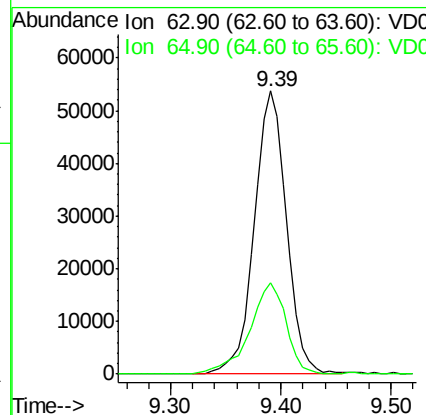
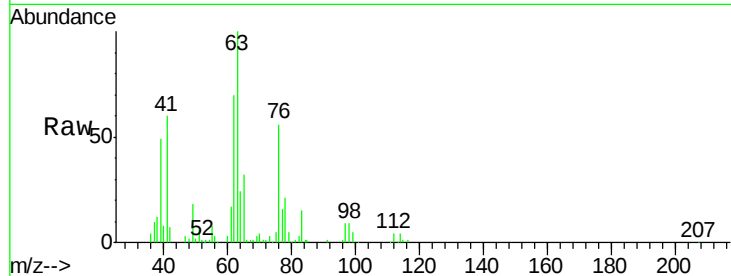
65 32.4 26.9 40.3

Manual Integrations

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#46

Dibromomethane

Concen: 48.238 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

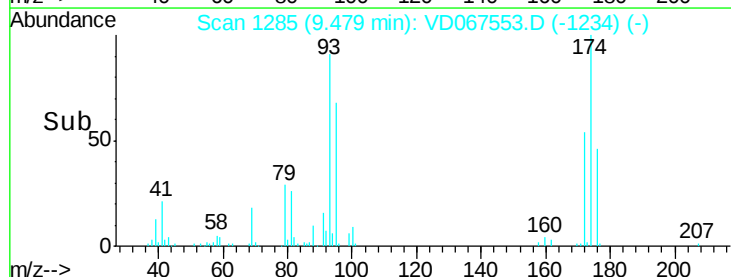
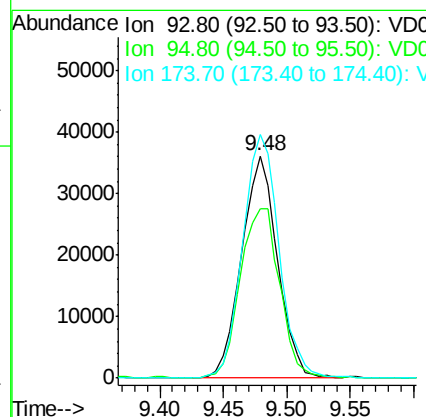
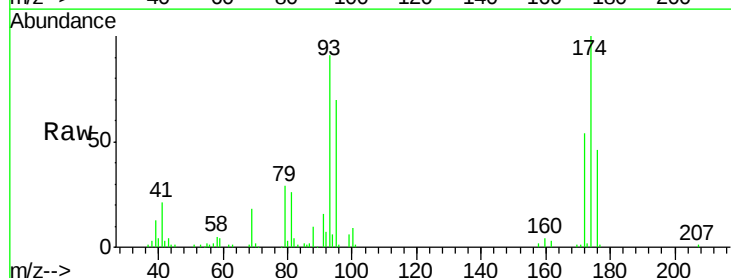
Tgt Ion: 93 Resp: 70990

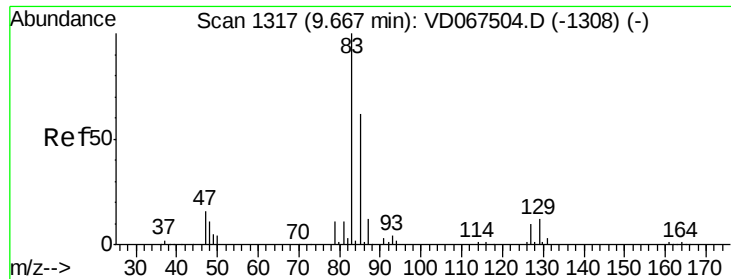
Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

174 111.6 88.2 132.4





#47

Bromodichloromethane

Concen: 49.109 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

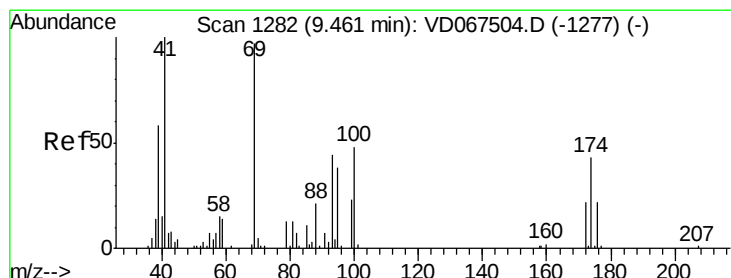
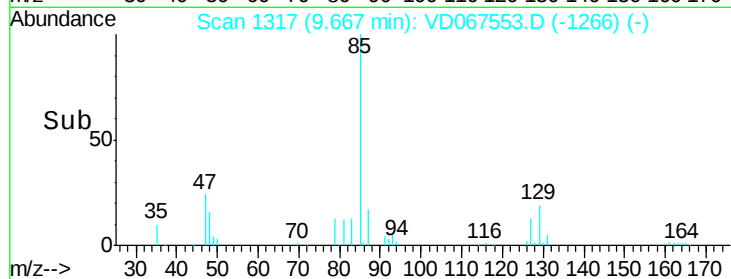
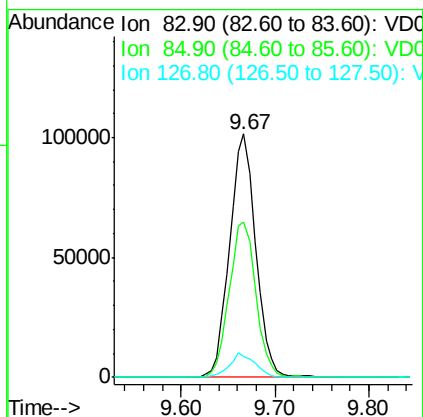
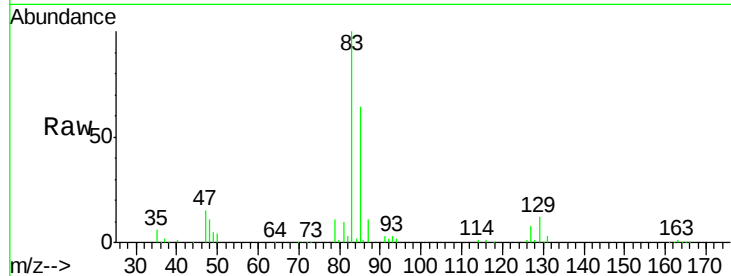
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	196437
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.4	74.2
127	8.5	7.7	11.5

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#48

Methyl methacrylate

Concen: 52.786 ug/l

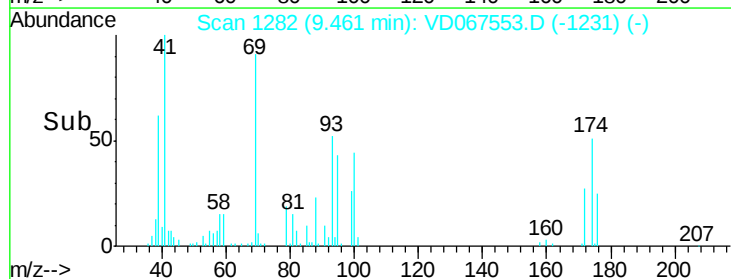
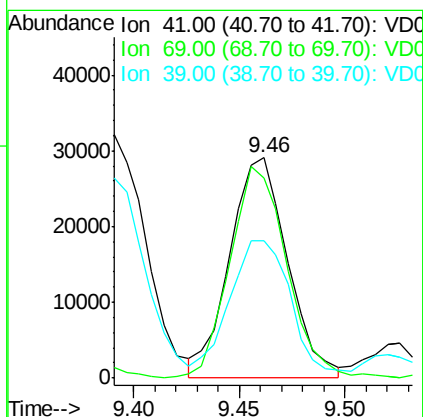
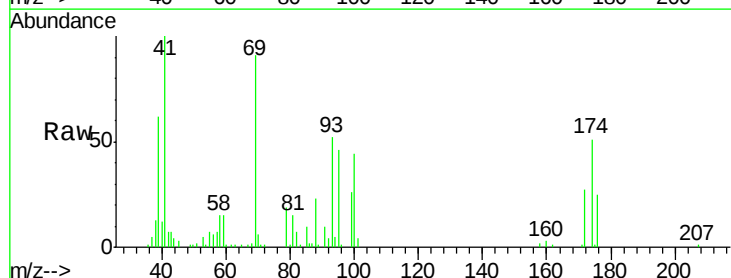
RT: 9.46 min Scan# 1282

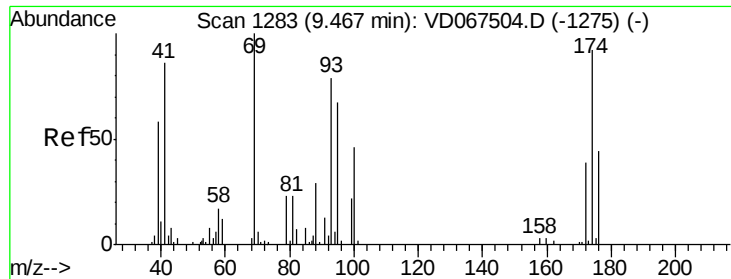
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	41	Resp:	55305
Ion Ratio	Lower	Upper	
41	100		
69	95.0	80.6	121.0
39	60.7	50.2	75.4





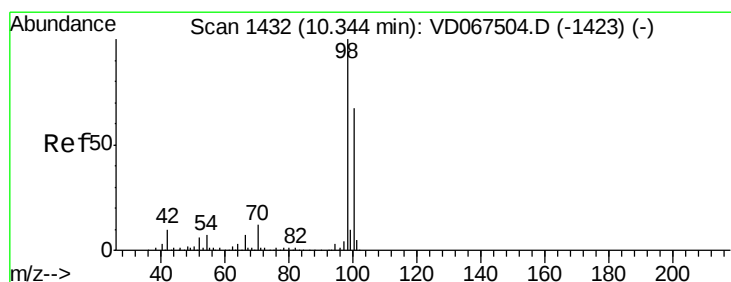
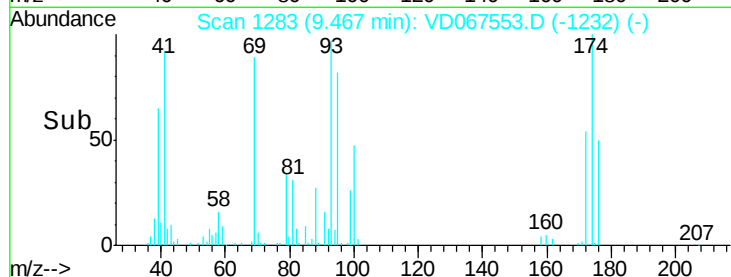
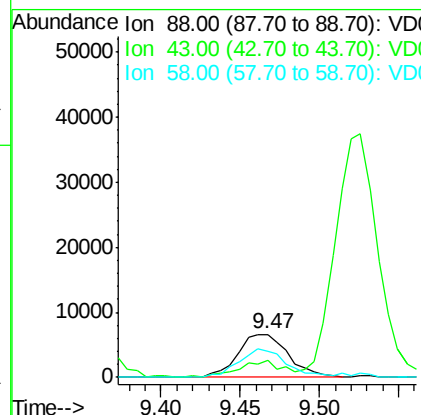
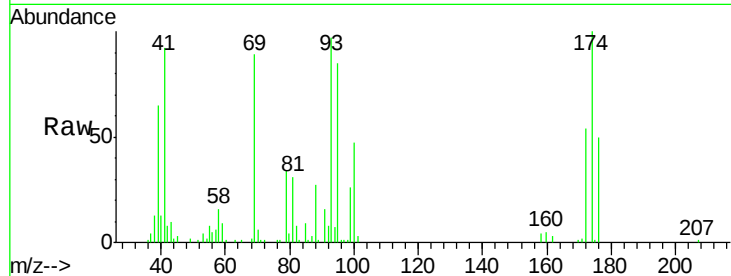
#49
1,4-Dioxane
Concen: 979.249 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	14630
Ion Ratio	Lower	Upper	
88	100		
43	33.7	23.6	35.4
58	62.5	44.7	67.1

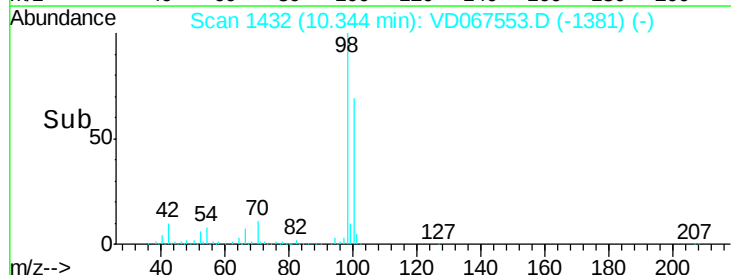
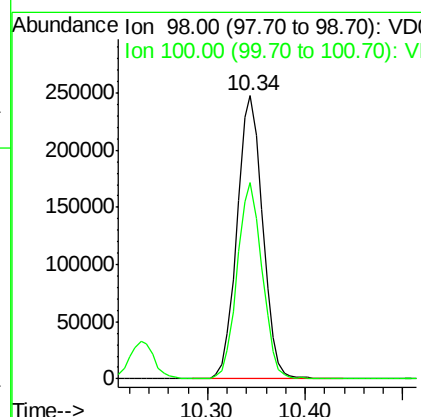
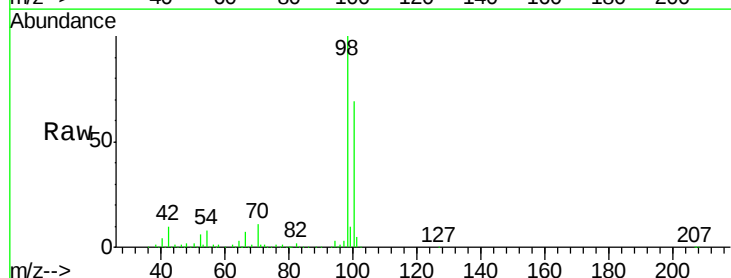
Manual Integrations
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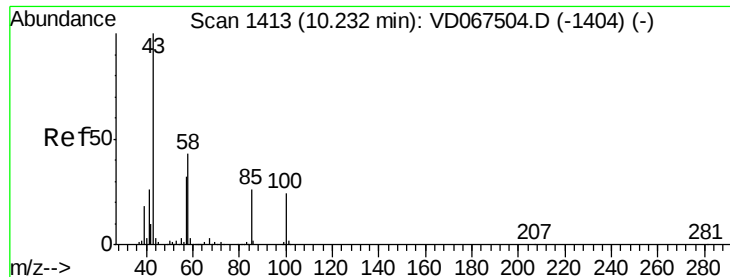
MMDadoda
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#50
Toluene-d8
Concen: 46.244 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	98	Resp	452074
Ion Ratio	Lower	Upper	
98	100		
100	67.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 252.503 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 245048

Ion Ratio Lower Upper

43 100

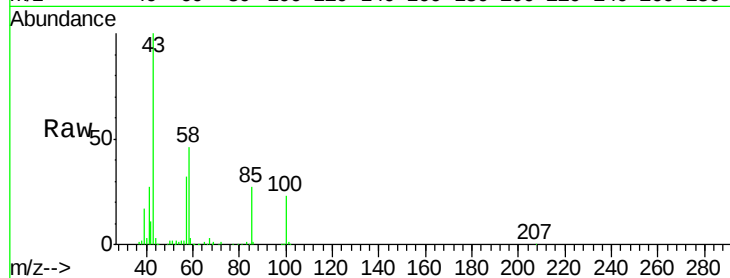
58 44.9 35.6 53.4

Manual Integrations

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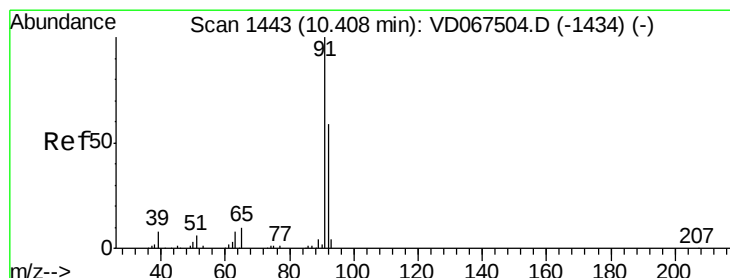
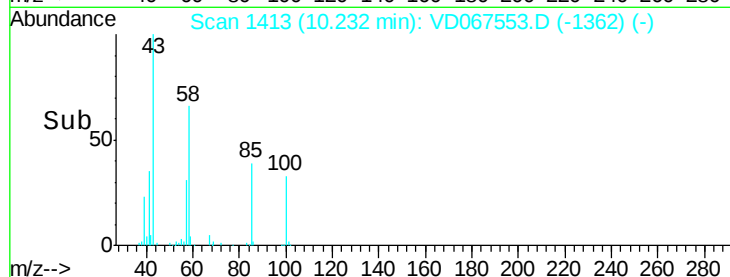
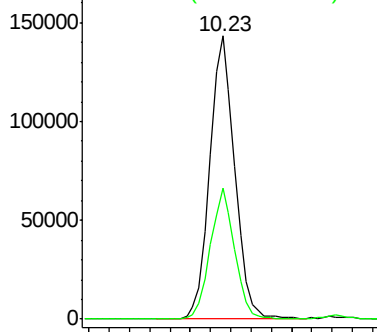
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.799 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067553.D

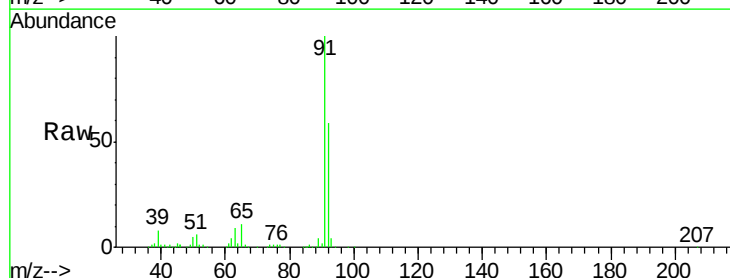
Acq: 06 Nov 2020 15:40

Tgt Ion: 92 Resp: 357085

Ion Ratio Lower Upper

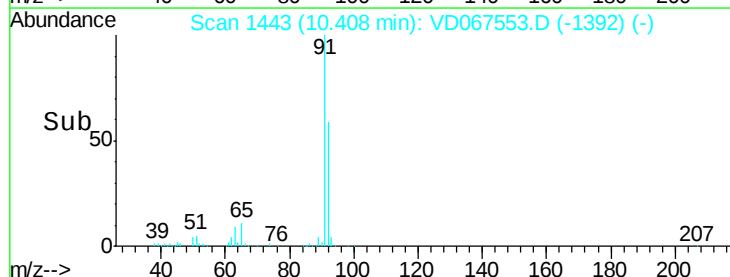
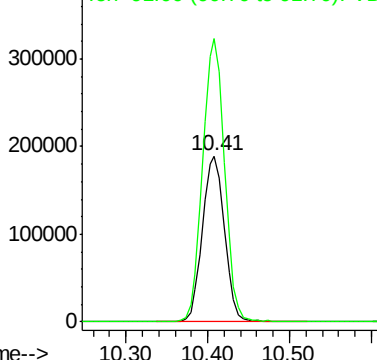
92 100

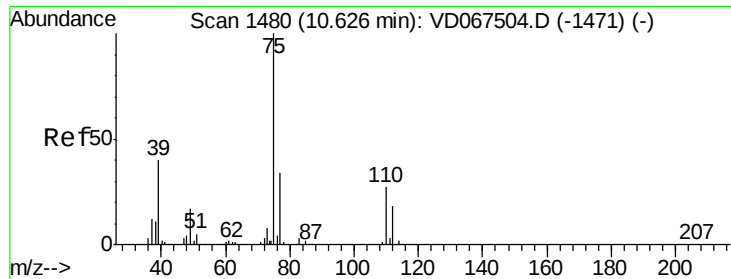
91 169.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.125 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 175148

Ion Ratio Lower Upper

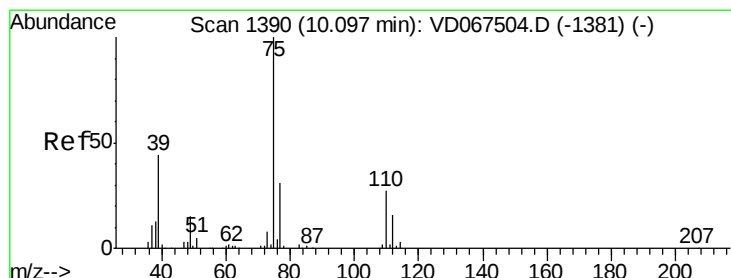
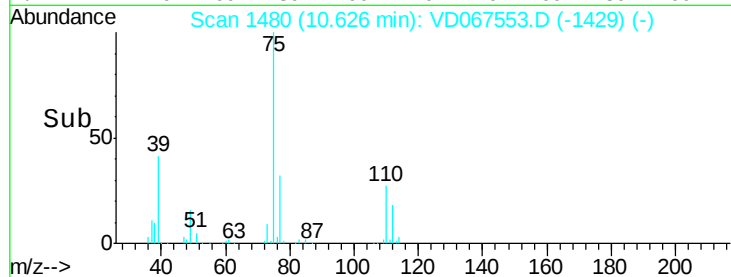
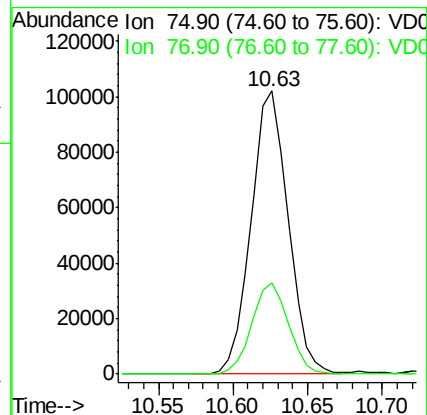
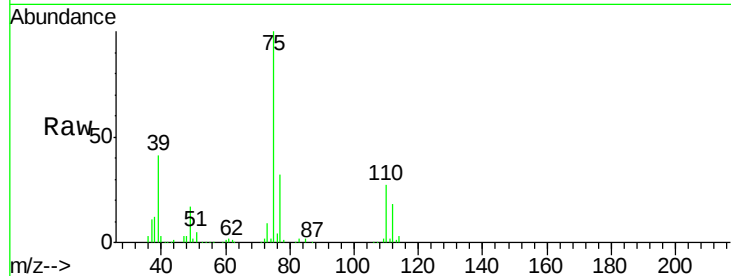
75 100

77 32.3 27.0 40.6

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#54

cis-1,3-Dichloropropene

Concen: 48.914 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

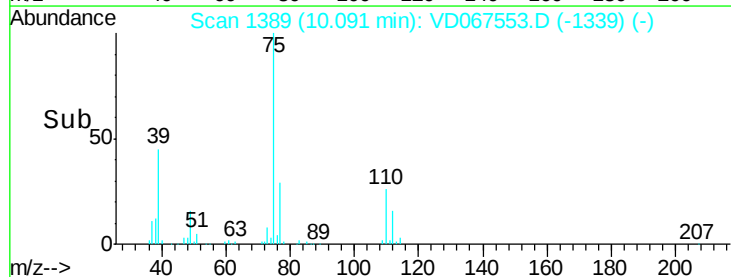
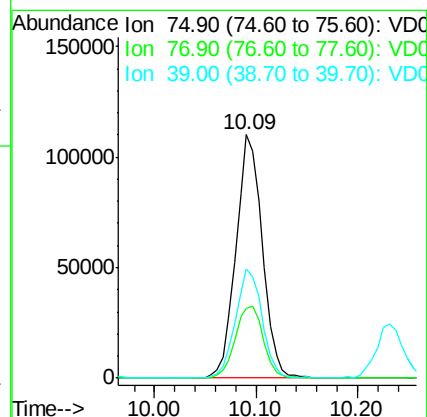
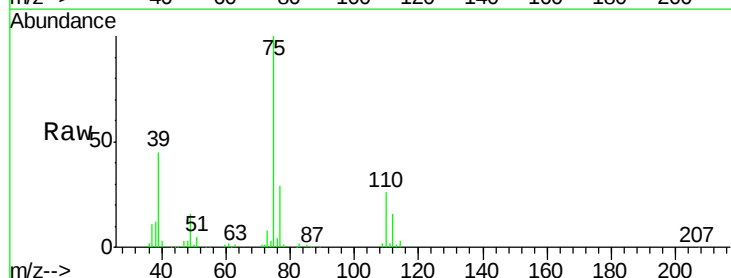
Tgt Ion: 75 Resp: 199095

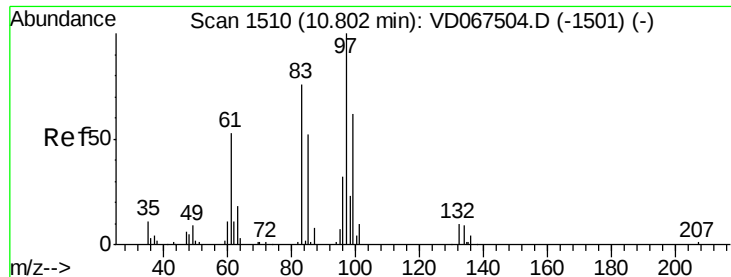
Ion Ratio Lower Upper

75 100

77 28.5 24.4 36.6

39 44.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 48.889 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

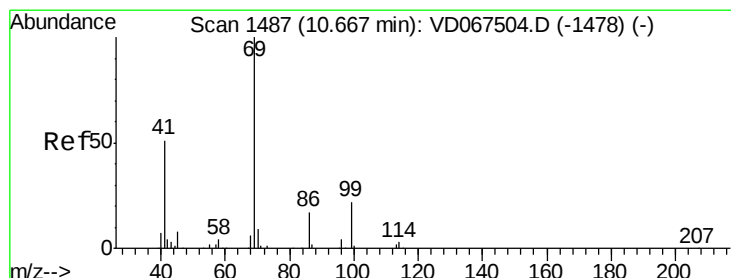
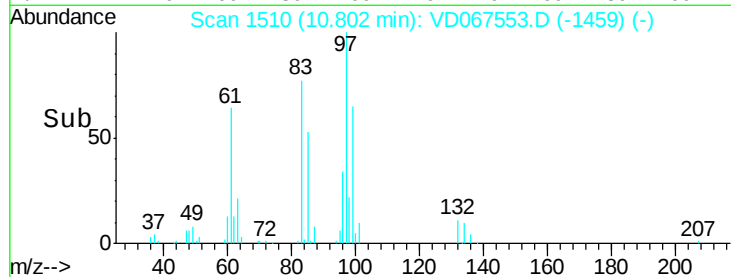
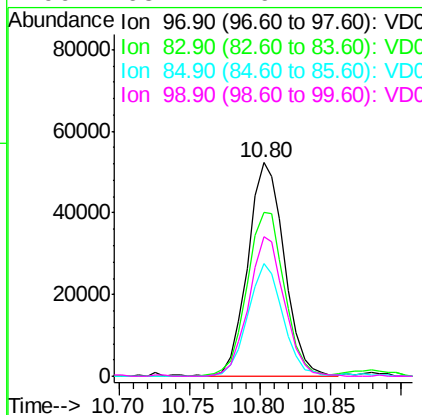
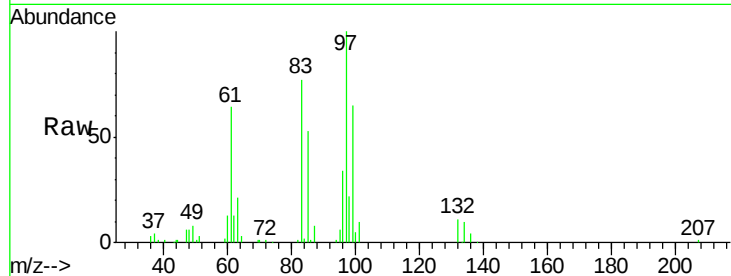
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	95197
Ion	Ratio	Lower	Upper
97	100		
83	76.5	61.0	91.6
85	52.8	41.5	62.3
99	65.1	49.4	74.2

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#56

Ethyl methacrylate

Concen: 51.549 ug/l

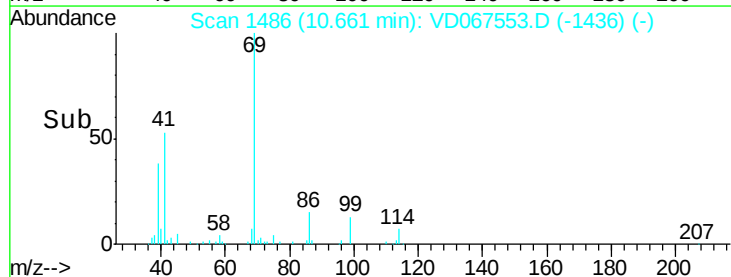
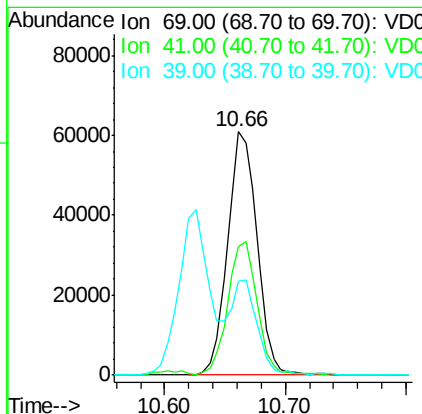
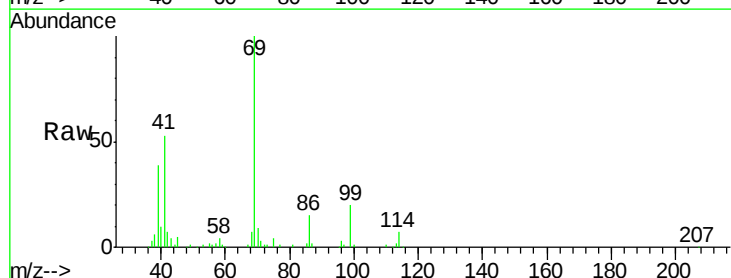
RT: 10.66 min Scan# 1486

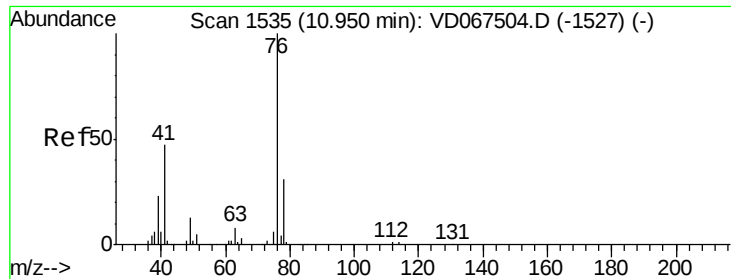
Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	69	Resp:	103656
Ion	Ratio	Lower	Upper
69	100		
41	54.9	45.4	68.0
39	34.2	27.4	41.0





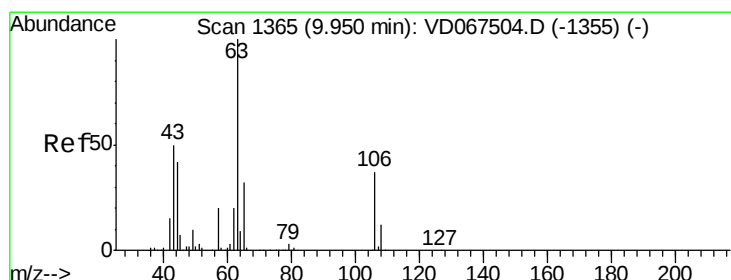
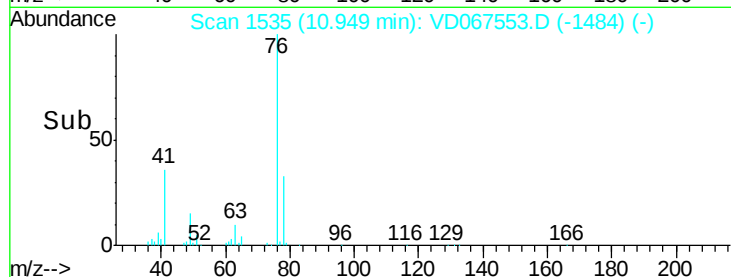
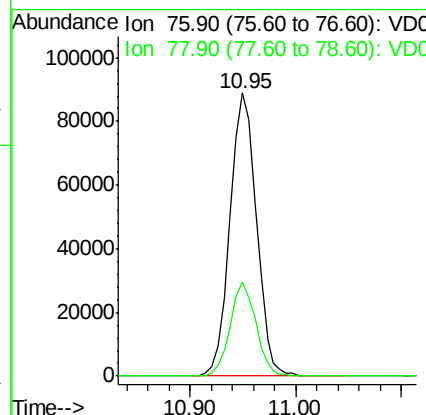
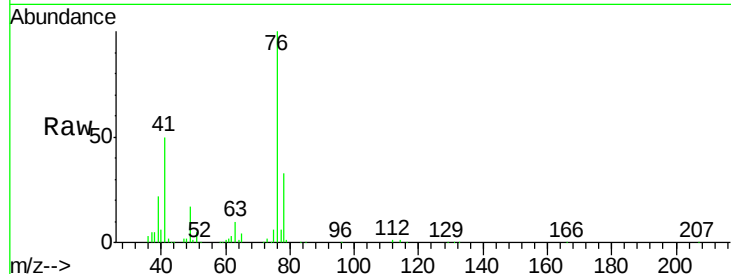
#57
 1,3-Dichloropropane
 Concen: 49.260 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

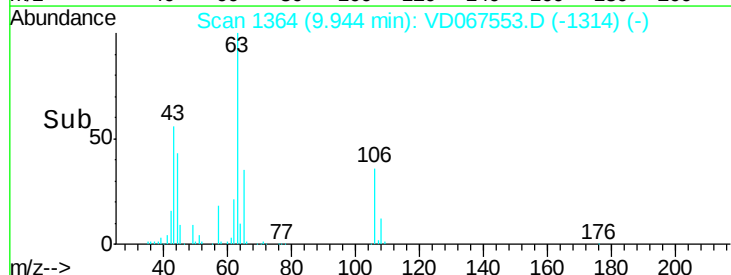
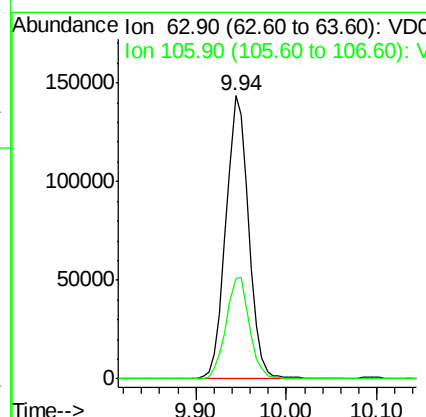
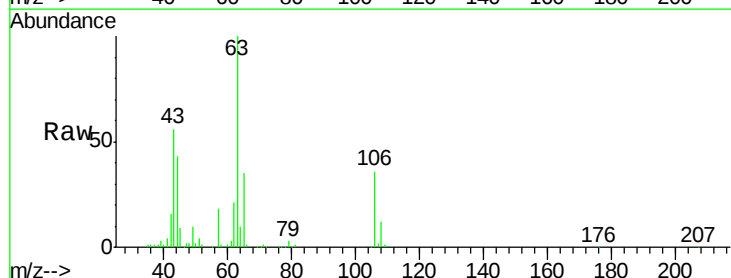
Manual Integrations
 APPROVED

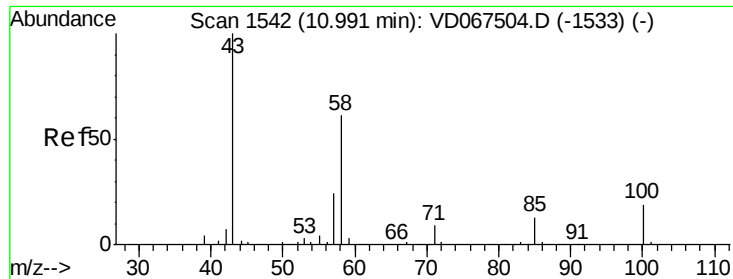
MMDadoda
 11/9/2020 10:44:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.110 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	36.9	29.2	43.8





#59

2-Hexanone

Concen: 256.397 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 173980

Ion Ratio Lower Upper

43 100

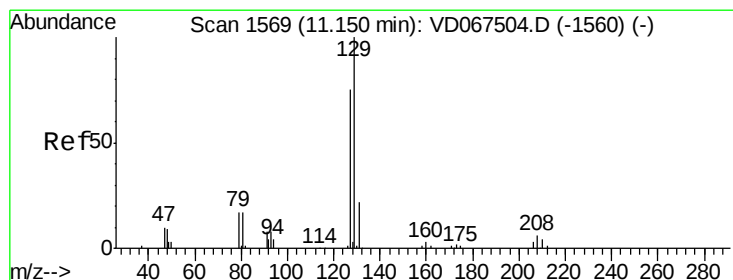
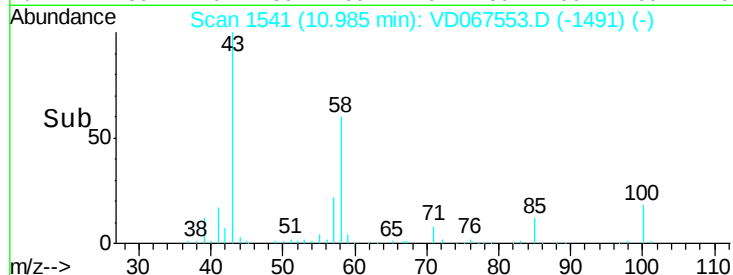
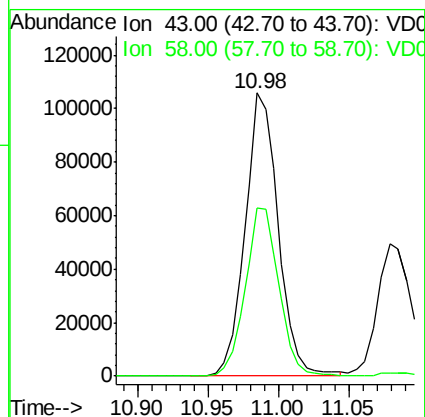
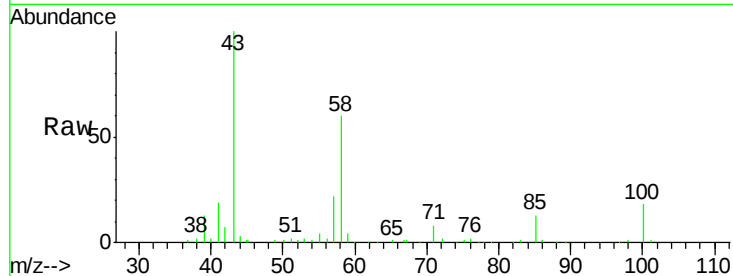
58 60.6 30.3 90.9

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#60

Dibromochloromethane

Concen: 49.997 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VD067553.D

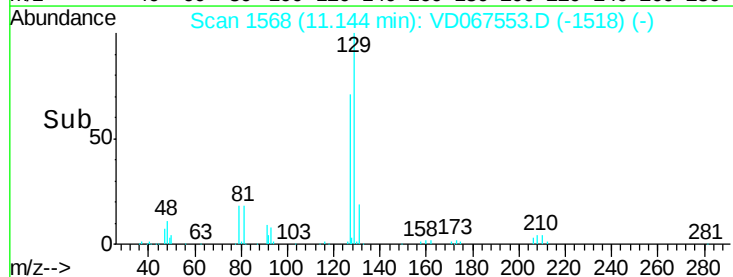
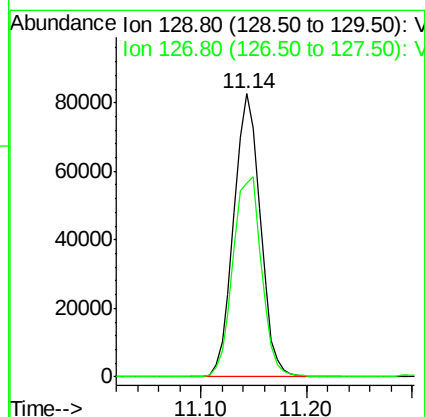
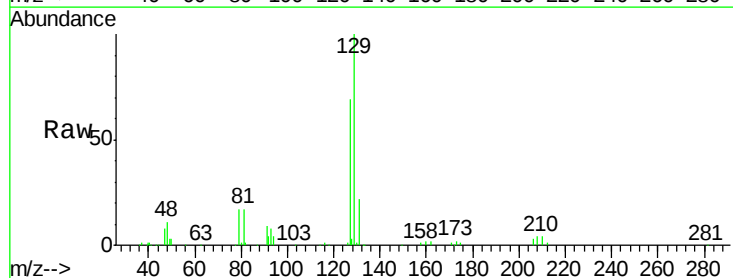
Acq: 06 Nov 2020 15:40

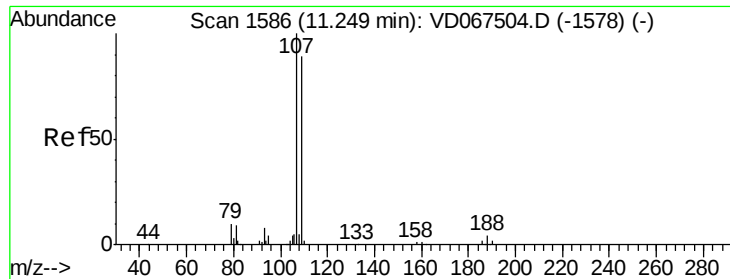
Tgt Ion: 129 Resp: 144012

Ion Ratio Lower Upper

129 100

127 75.9 38.0 114.1





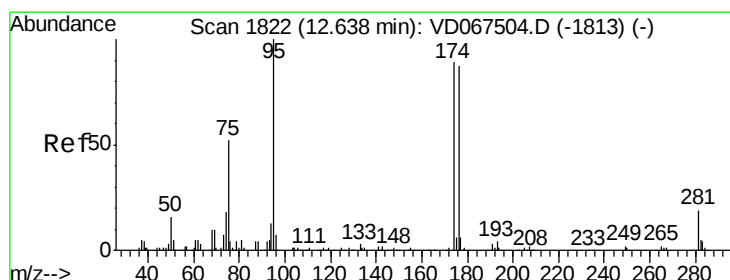
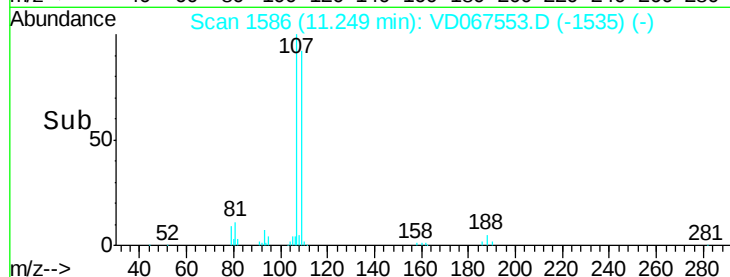
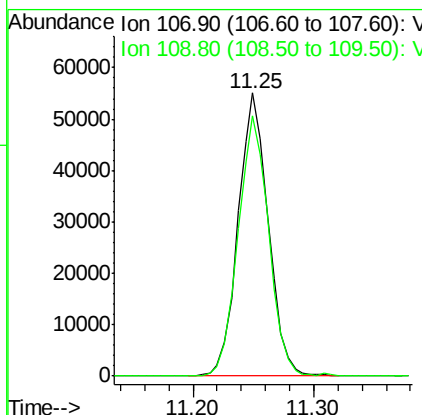
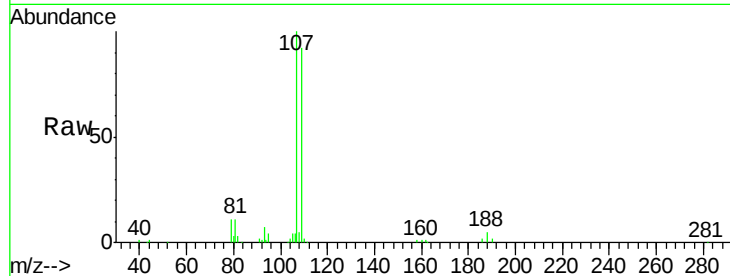
#61
 1,2-Dibromoethane
 Concen: 48.948 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 95659
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8

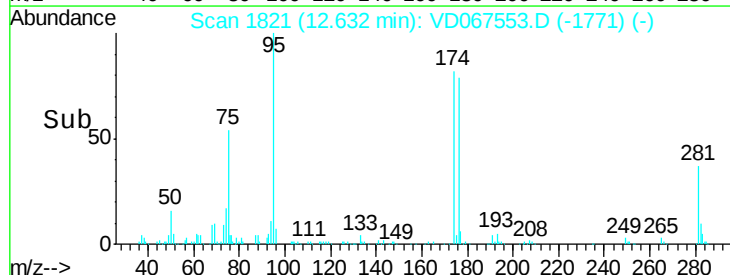
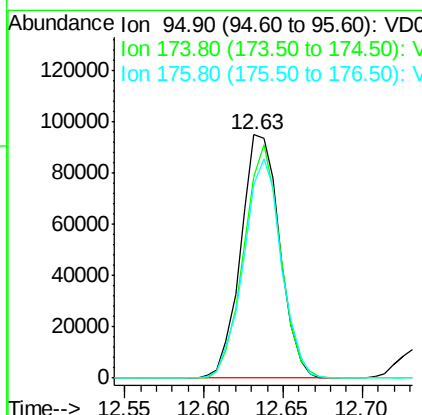
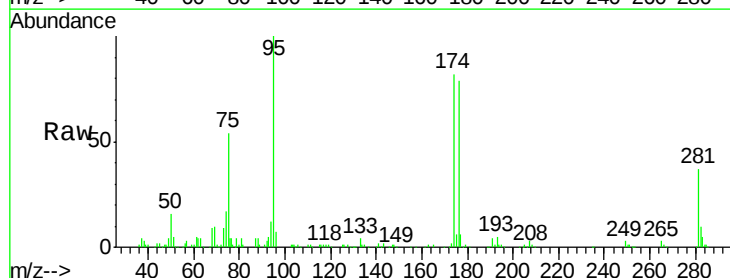
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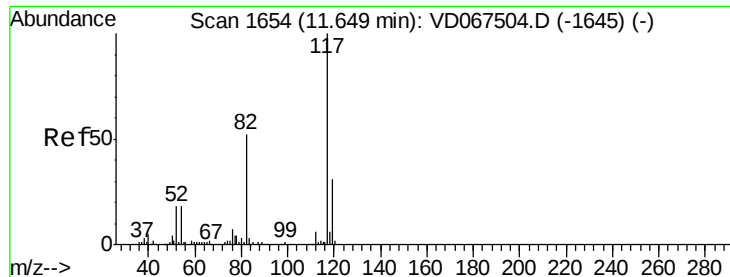
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 47.800 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 95 Resp: 161328
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 177.8
 176 87.6 0.0 172.0





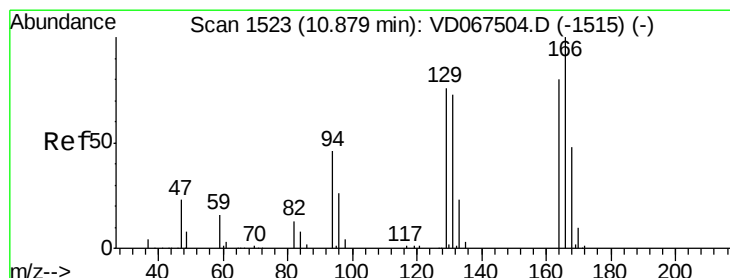
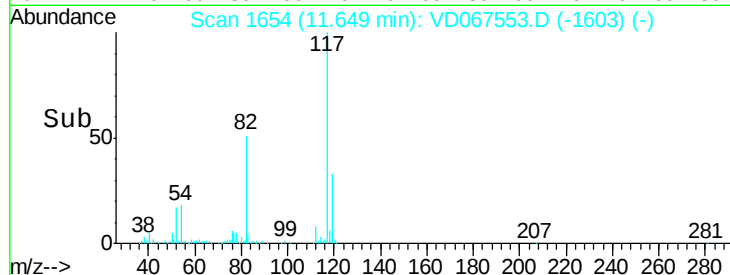
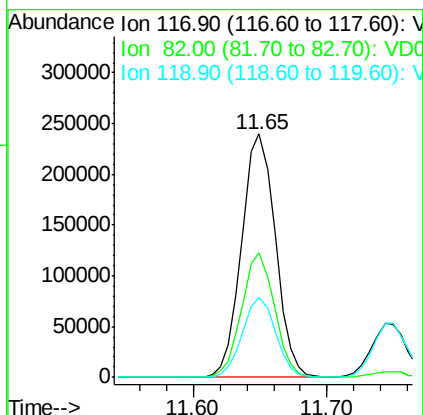
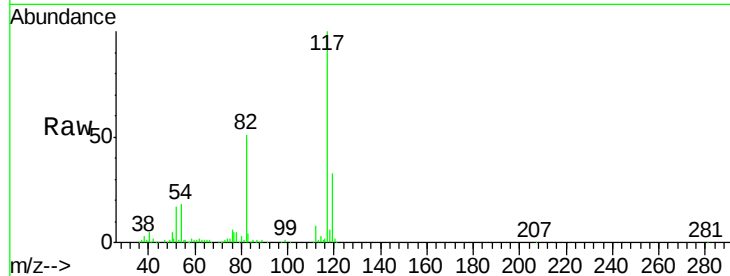
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.6	62.4
119	32.6	25.1	37.7

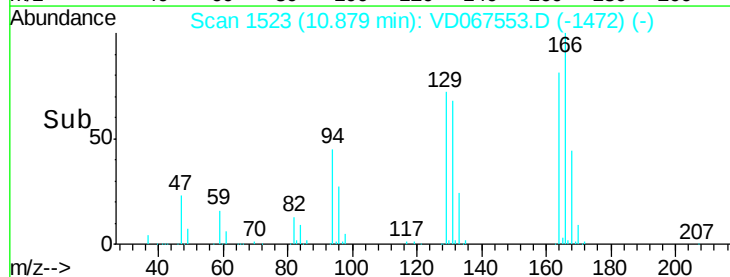
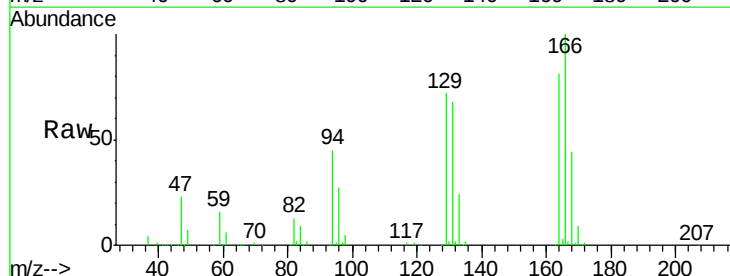
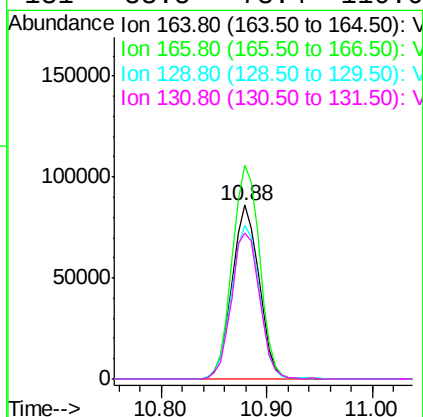
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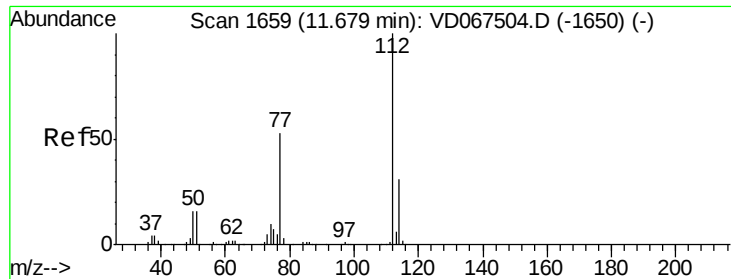
MMDadoda
11/9/2020 10:44:48 AM



#64
Tetrachloroethene
Concen: 48.852 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	99.9	149.9
129	88.1	75.5	113.3
131	83.5	73.4	110.0





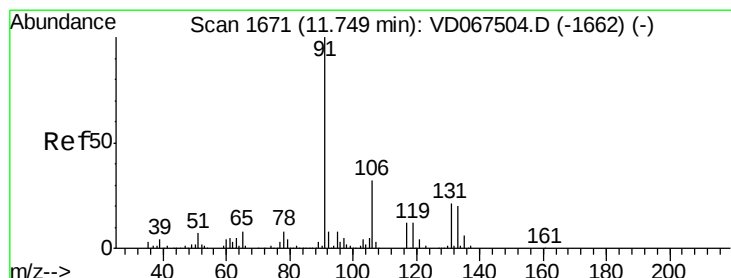
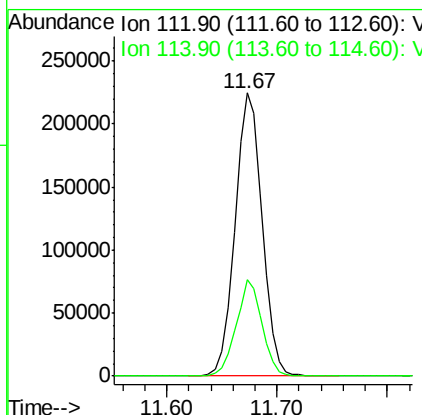
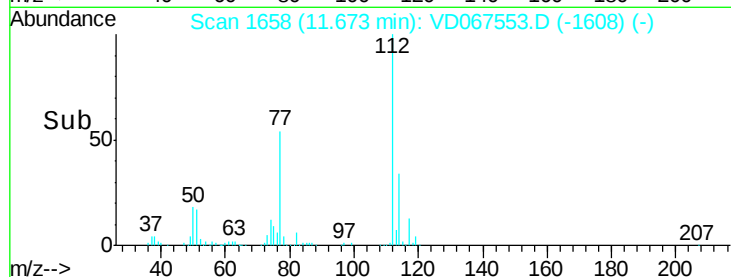
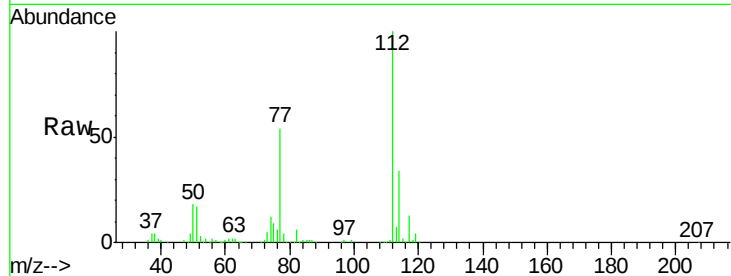
#65
Chlorobenzene
Concen: 47.592 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.9	24.9	37.3

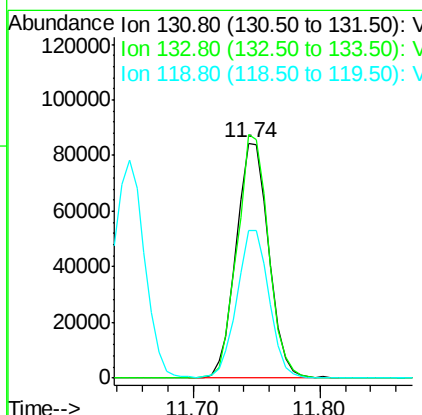
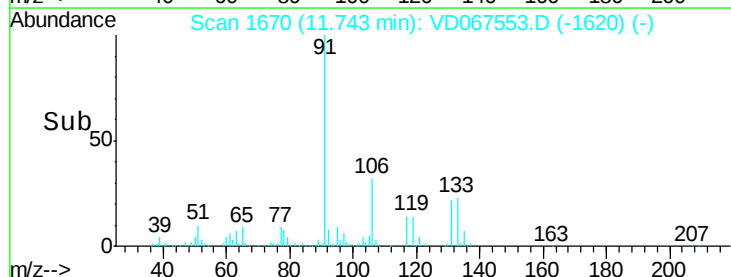
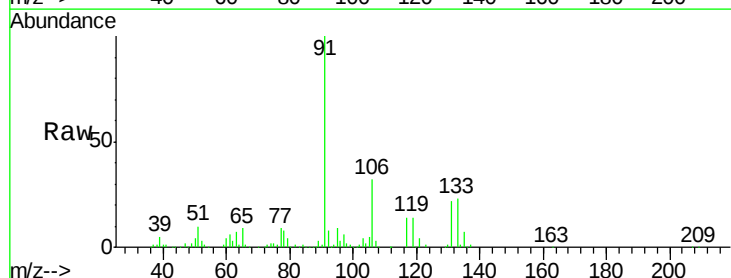
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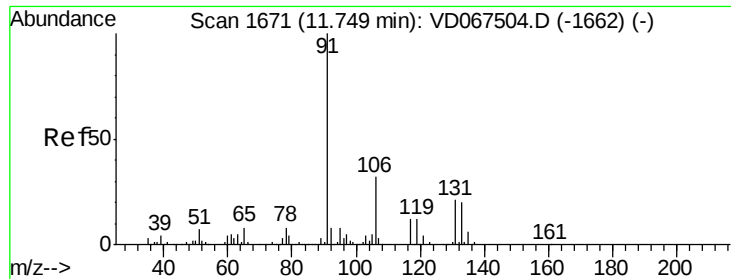
MMDadoda
11/9/2020 10:44:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.229 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.7	48.0	144.0
119	62.0	30.1	90.5





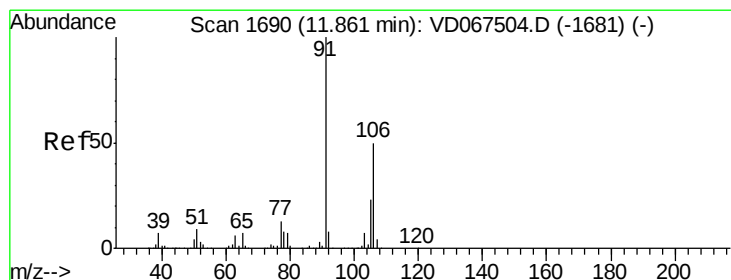
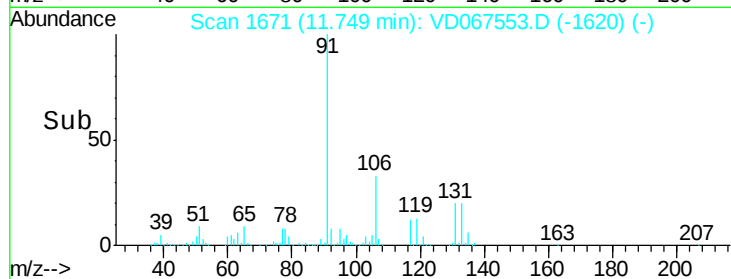
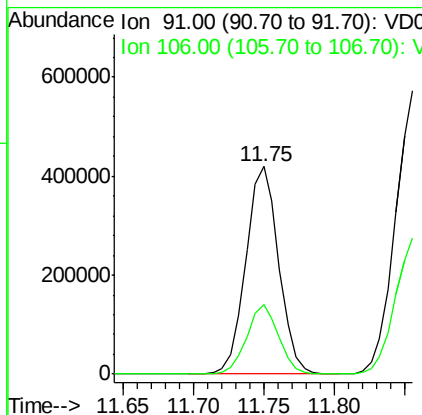
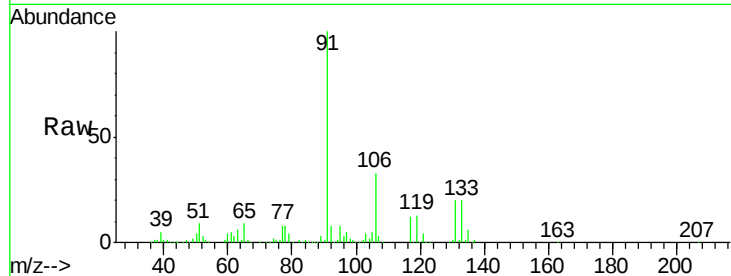
#67
Ethyl Benzene
Concen: 49.516 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 686226
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

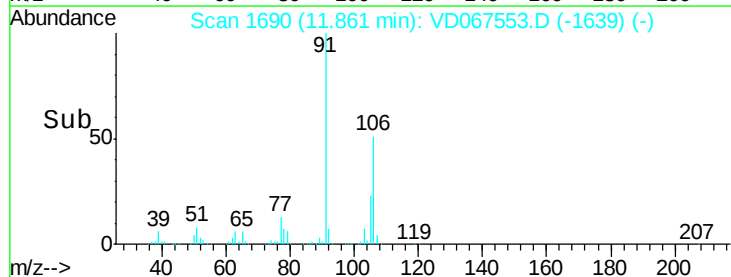
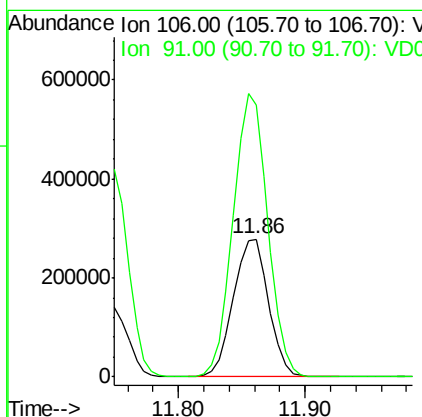
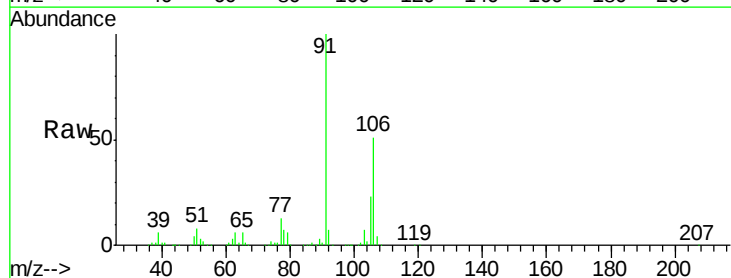
Manual Integrations
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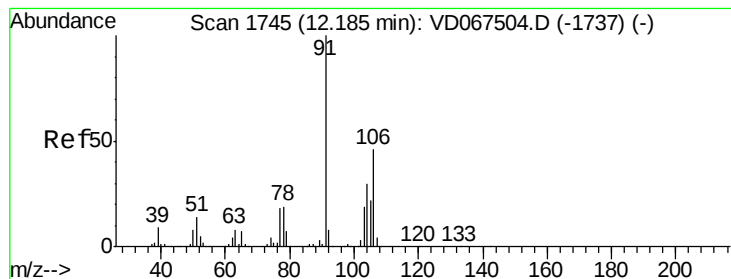
MMDadoda
11/9/2020 10:44:48 AM



#68
m/p-Xylenes
Concen: 98.736 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 106 Resp: 532348
Ion Ratio Lower Upper
106 100
91 202.7 162.6 244.0





#69

o-Xylene

Concen: 49.726 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:106 Resp: 239371

Ion Ratio Lower Upper

106 100

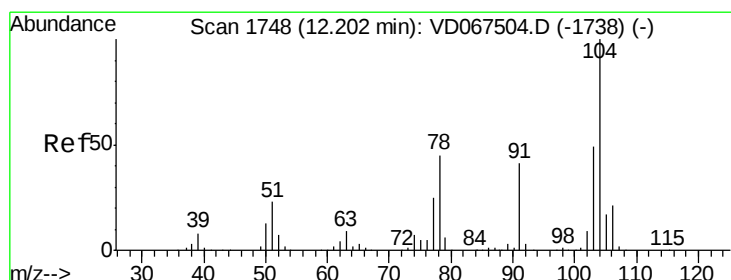
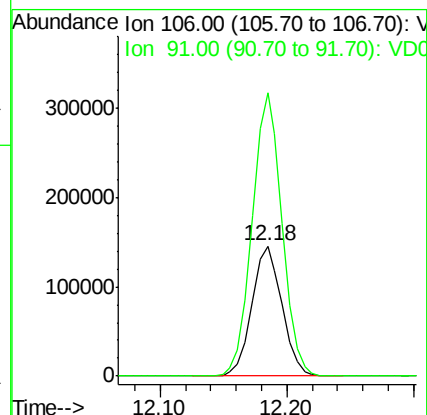
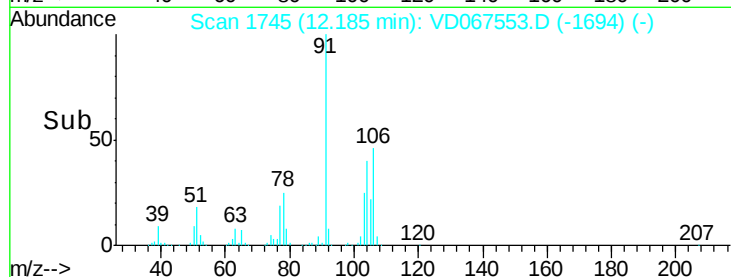
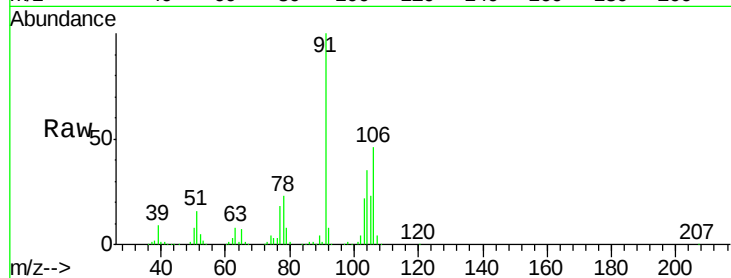
91 216.3 107.1 321.1

Manual Integrations

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#70

Styrene

Concen: 49.556 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

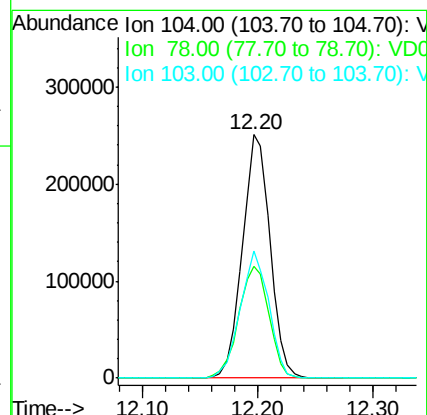
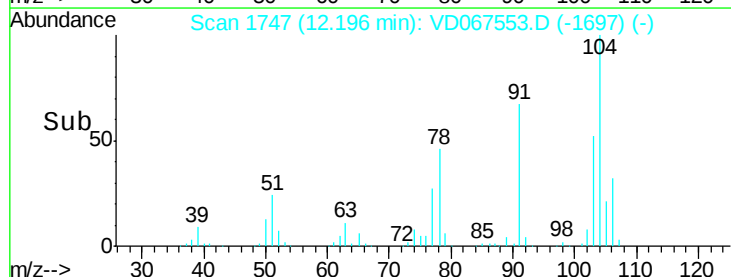
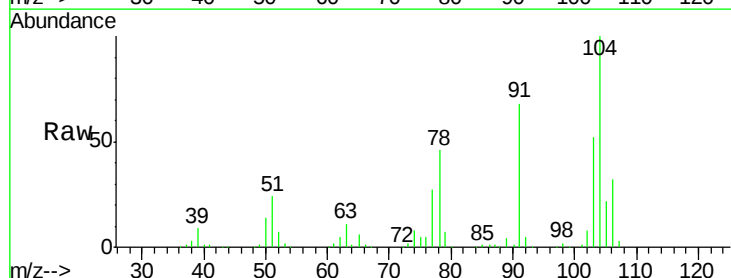
Tgt Ion:104 Resp: 415683

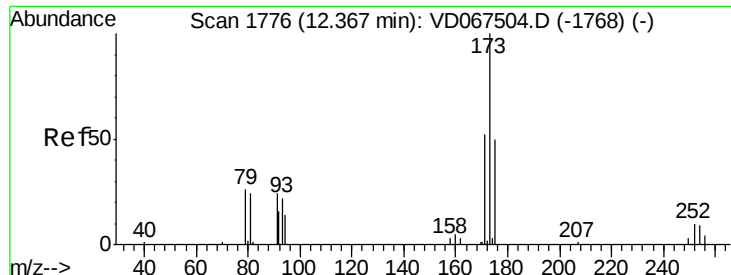
Ion Ratio Lower Upper

104 100

78 50.5 39.8 59.8

103 54.2 43.9 65.9





#71

Bromoform

Concen: 49.662 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 80847

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

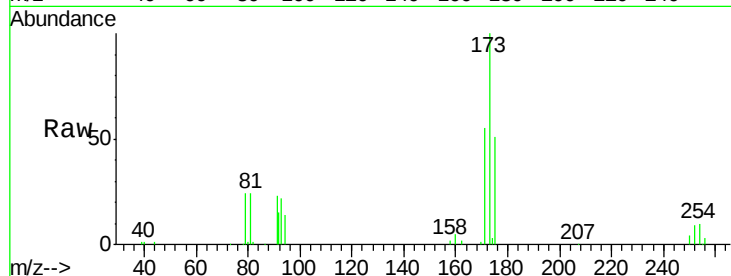
254 0.1 0.0 0.0#

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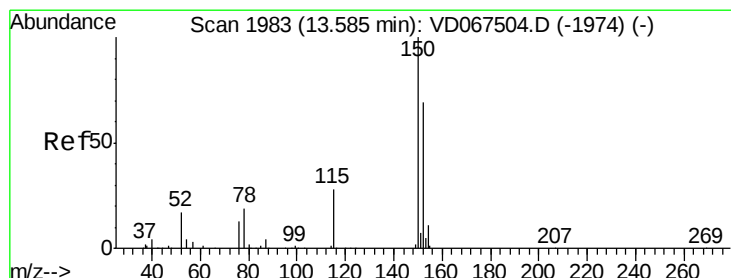
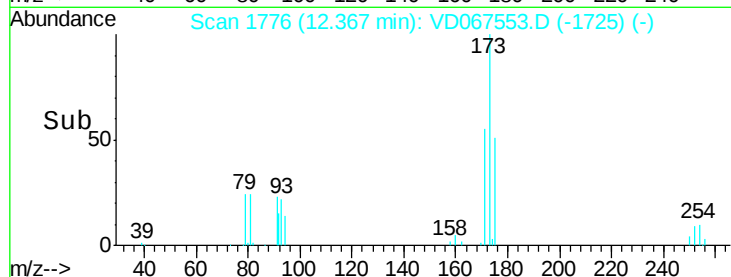
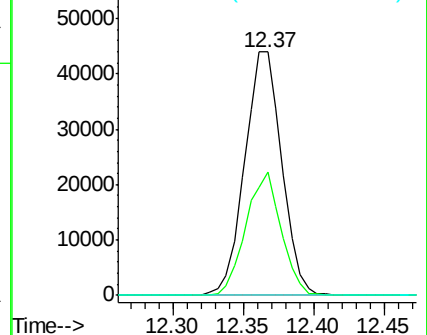
11/9/2020 10:44:48 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

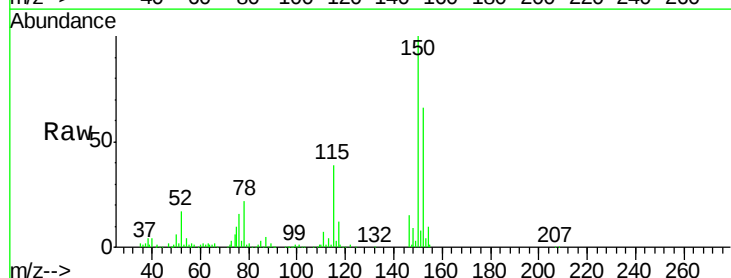
Tgt Ion:152 Resp: 213361

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

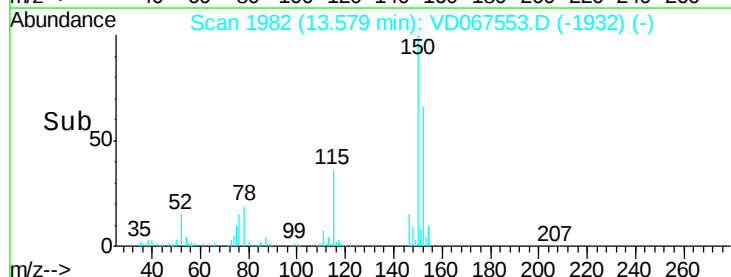
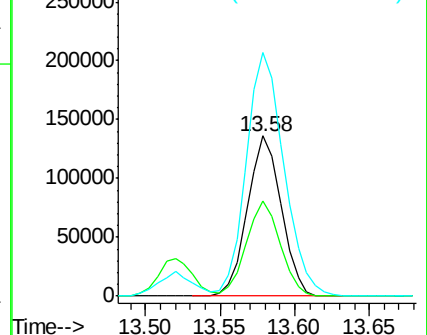
150 169.3 0.0 338.2

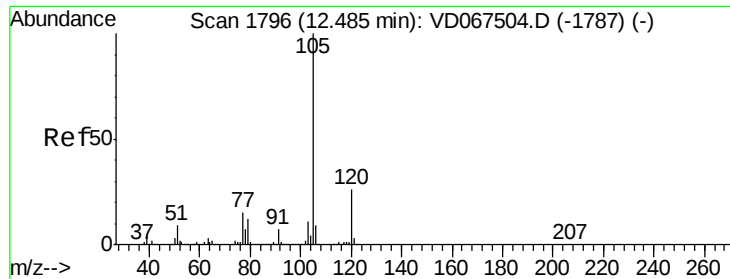


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.921 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 688373

Ion Ratio Lower Upper

105 100

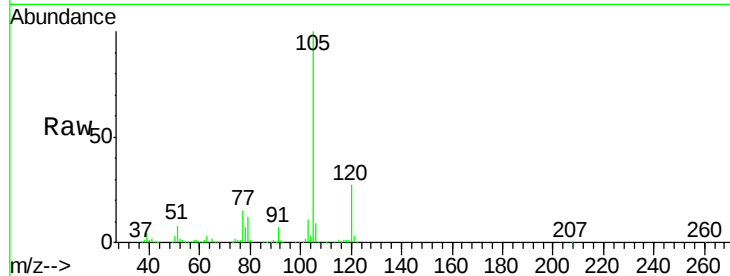
120 26.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

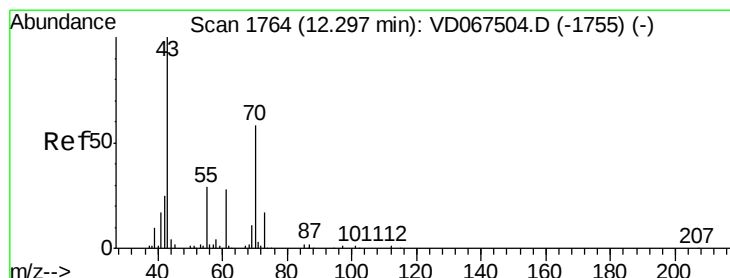
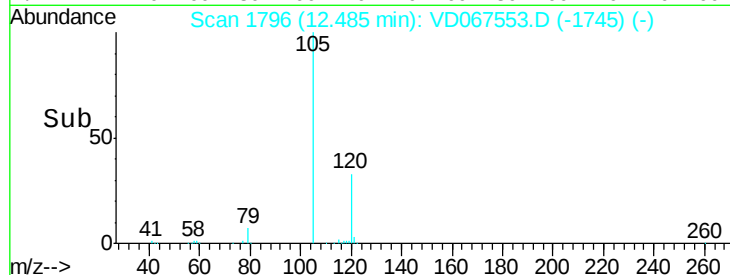
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 50.507 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion: 43 Resp: 91641

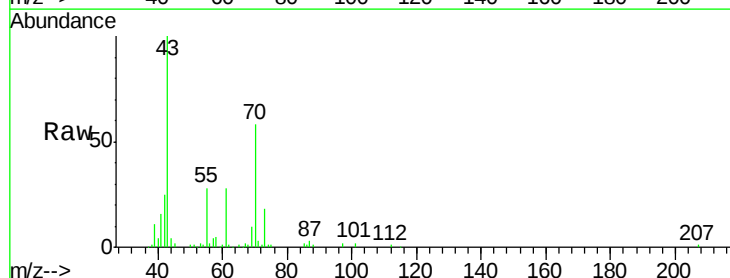
Ion Ratio Lower Upper

43 100

70 53.6 42.6 64.0

55 29.3 23.7 35.5

61 28.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

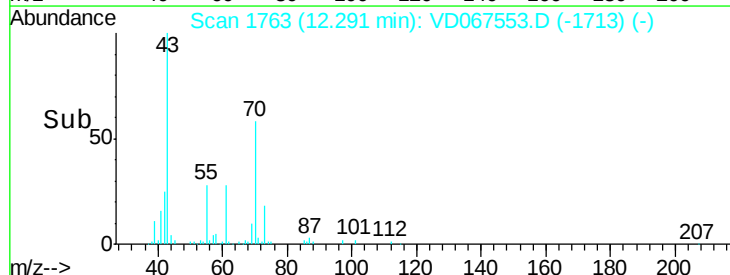
0

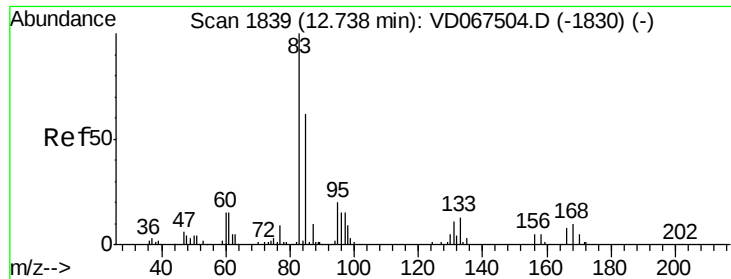
12.20

12.29

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.751 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

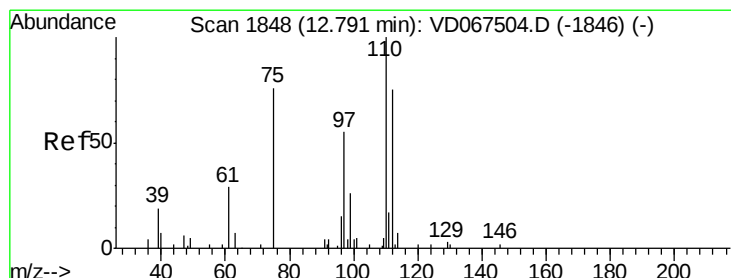
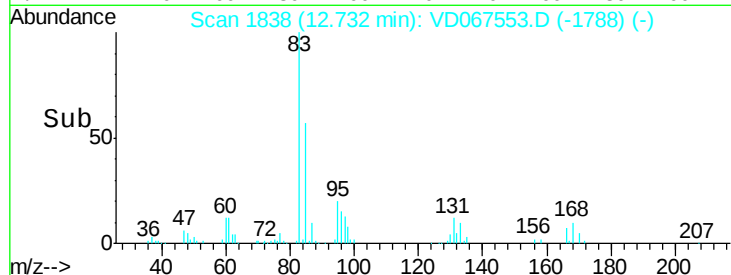
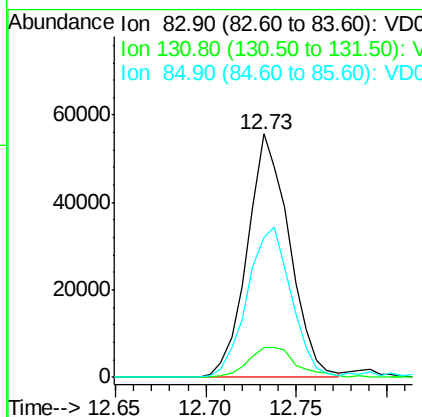
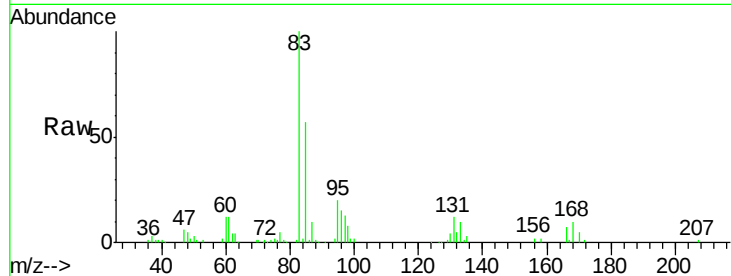
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	89787
Ion Ratio	Lower	Upper	
83	100		
131	14.2	7.1	21.3
85	64.4	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.407 ug/l m

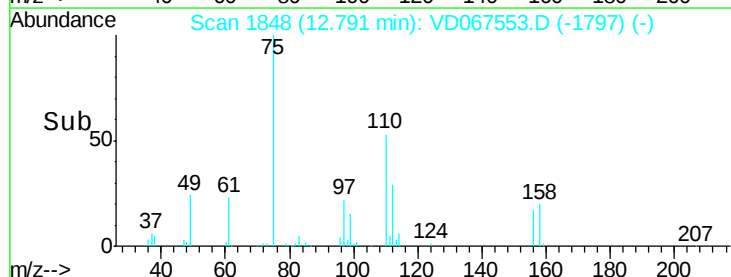
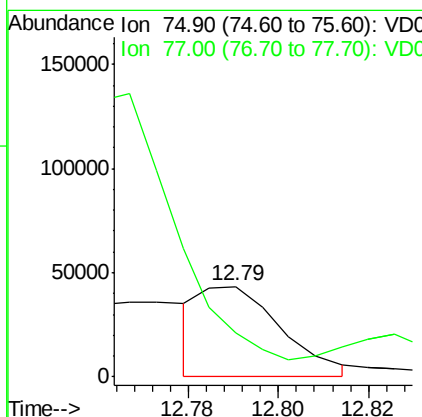
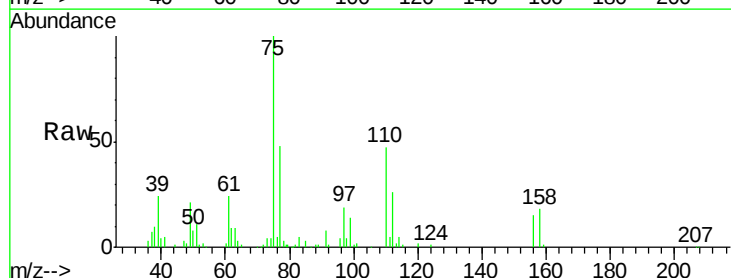
RT: 12.79 min Scan# 1848

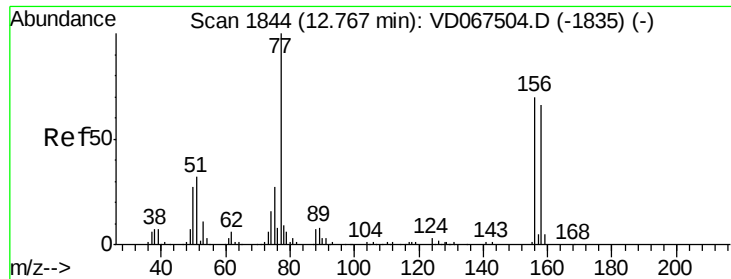
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	75	Resp:	54583
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.859 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

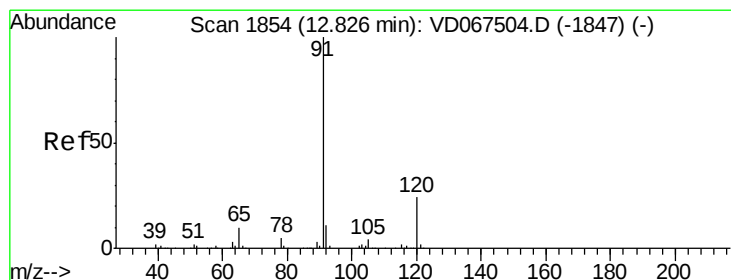
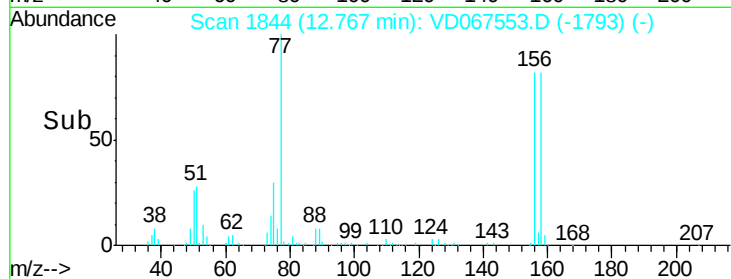
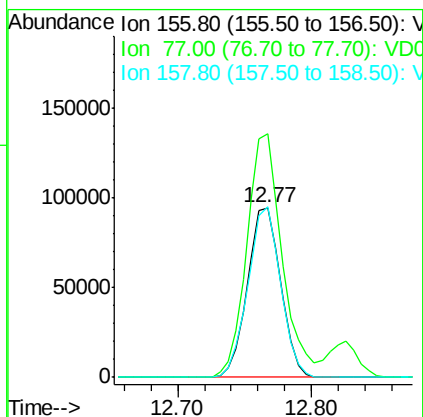
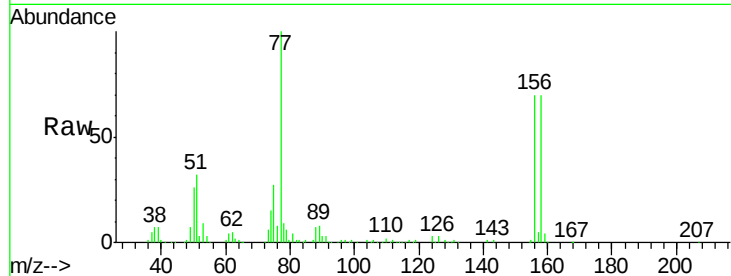
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	162072
Ion Ratio	Lower	Upper	
156	100		
77	151.8	77.8	233.5
158	98.7	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 49.227 ug/l

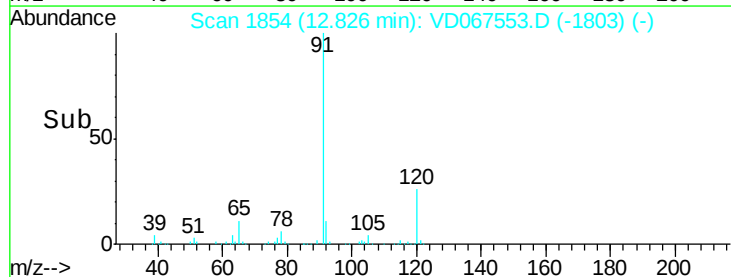
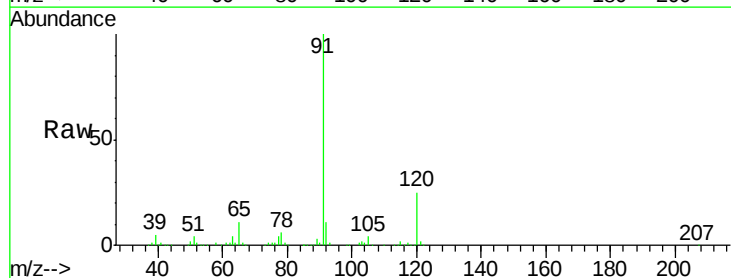
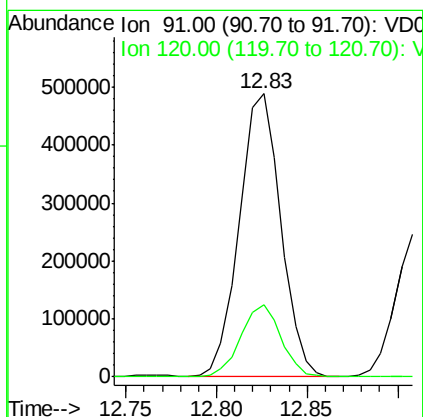
RT: 12.83 min Scan# 1854

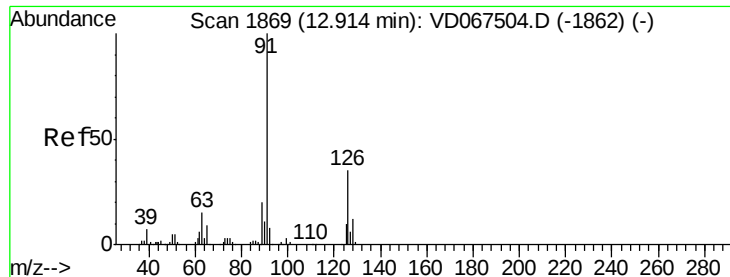
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	91	Resp:	776423
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.713 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 436445

Ion Ratio Lower Upper

91 100

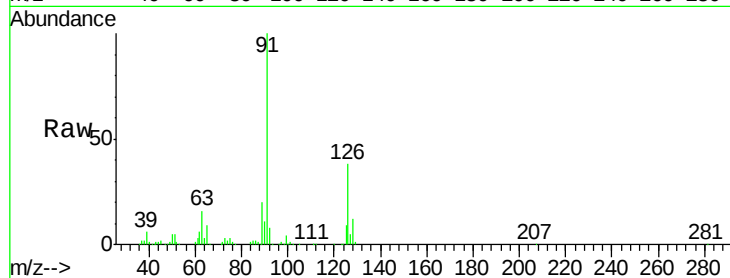
126 36.1 17.8 53.4

Manual Integrations

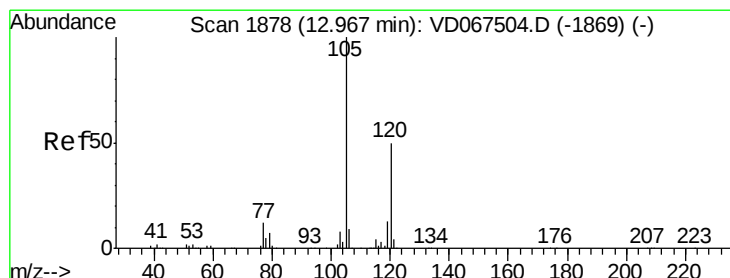
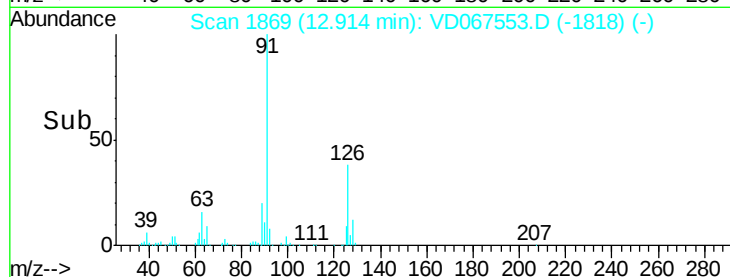
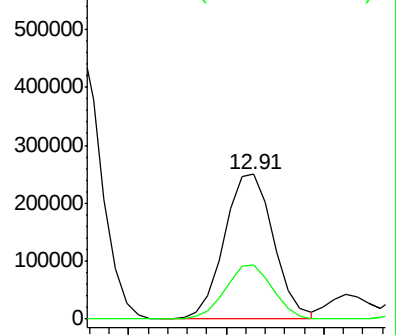
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.945 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067553.D

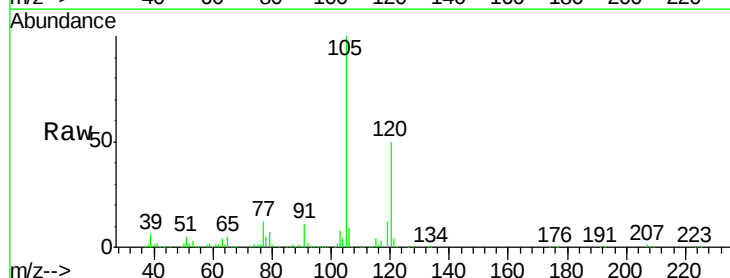
Acq: 06 Nov 2020 15:40

Tgt Ion: 105 Resp: 588319

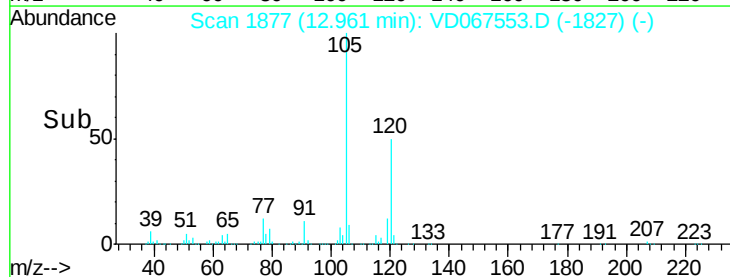
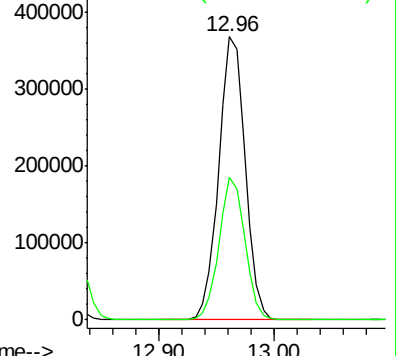
Ion Ratio Lower Upper

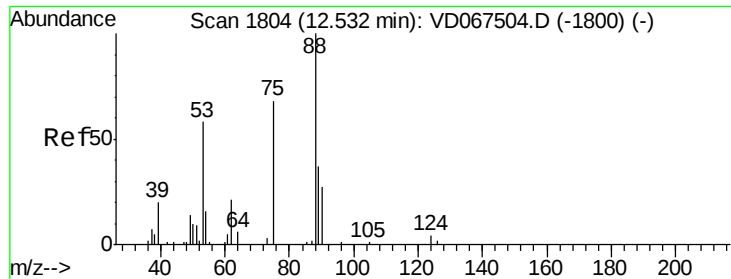
105 100

120 49.3 24.3 72.8



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





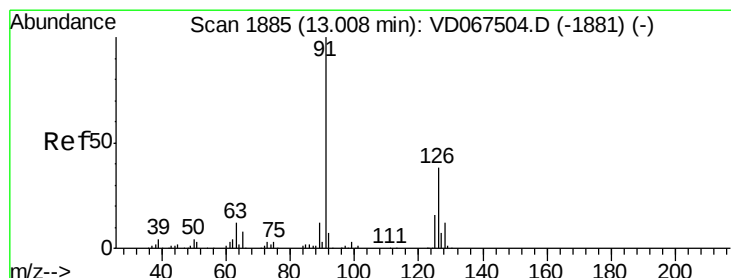
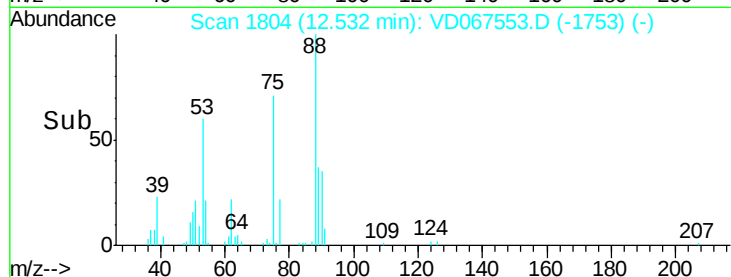
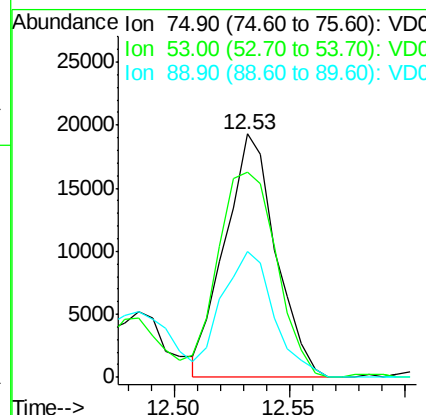
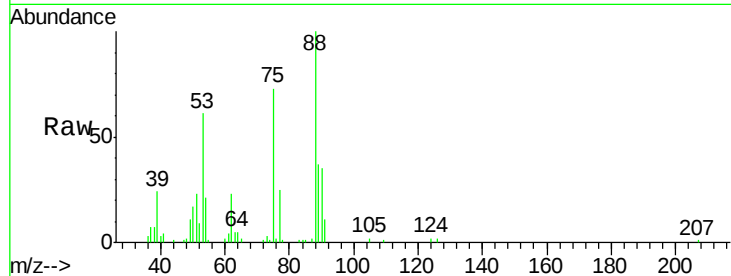
#81
trans-1,4-Dichloro-2-butene
Concen: 46.753 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	75.9	113.9
89	53.0	44.6	67.0

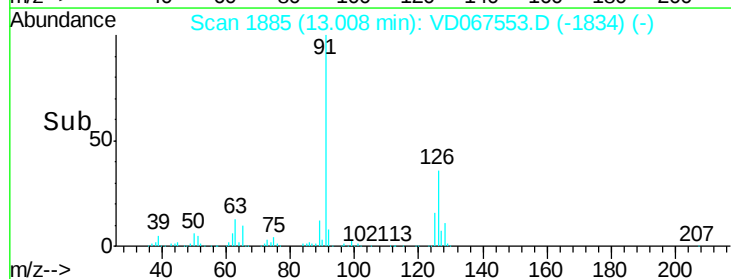
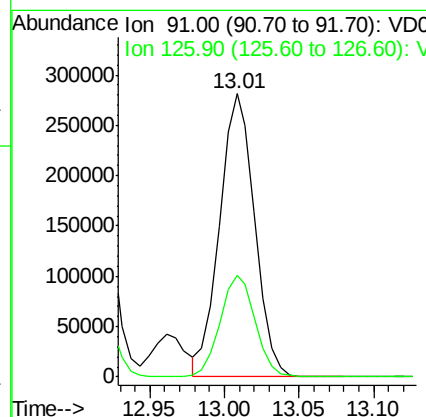
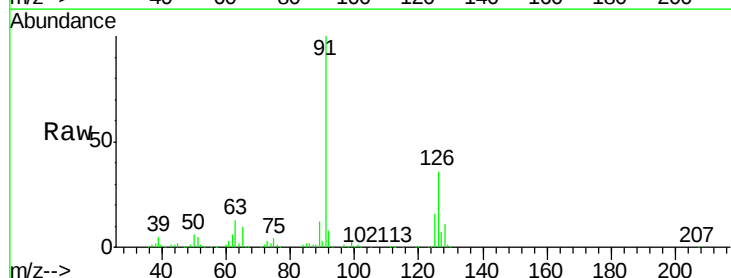
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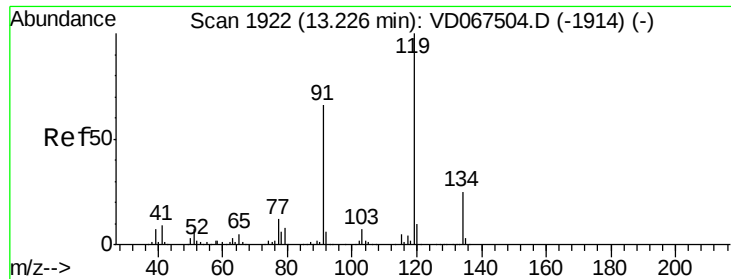
MMDadoda
11/9/2020 10:44:48 AM



#82
4-Chlorotoluene
Concen: 48.079 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.9	53.7





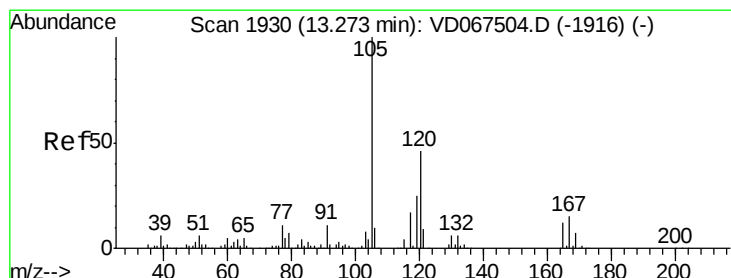
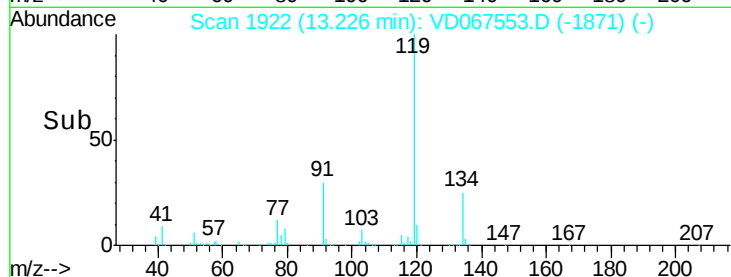
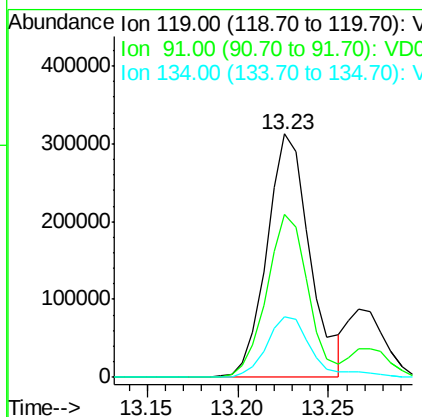
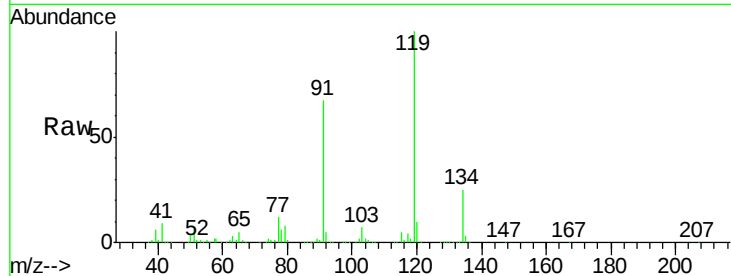
#83
tert-Butylbenzene
Concen: 51.572 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.7	98.1
134	26.6	13.4	40.2

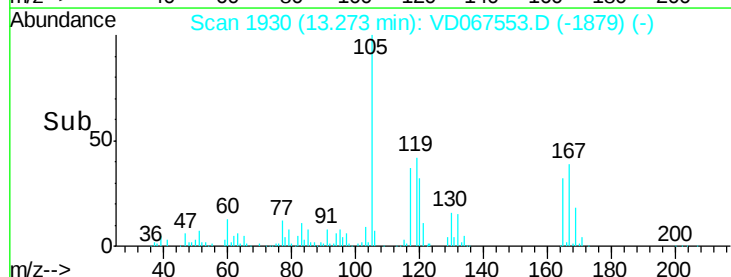
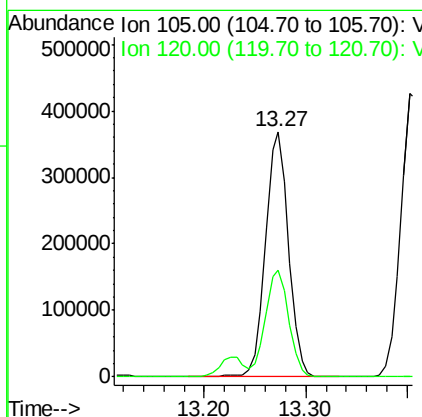
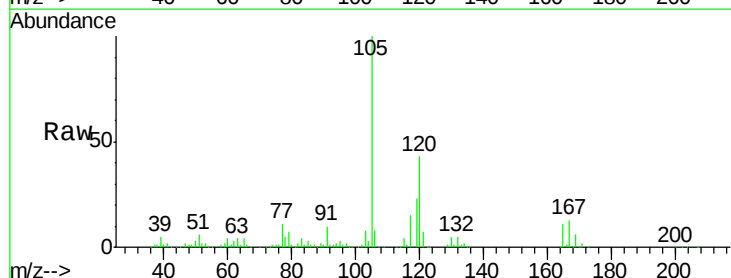
Manual Integrations
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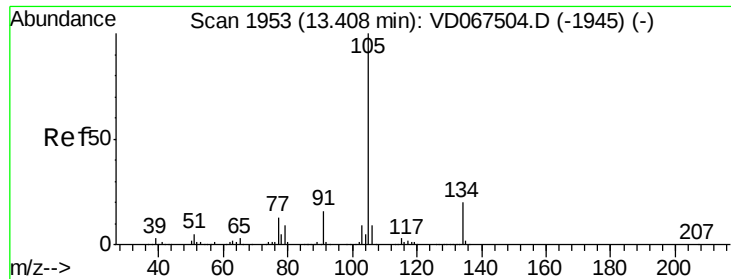
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.124 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1





#85

sec-Butylbenzene

Concen: 50.337 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 678376

Ion Ratio Lower Upper

105 100

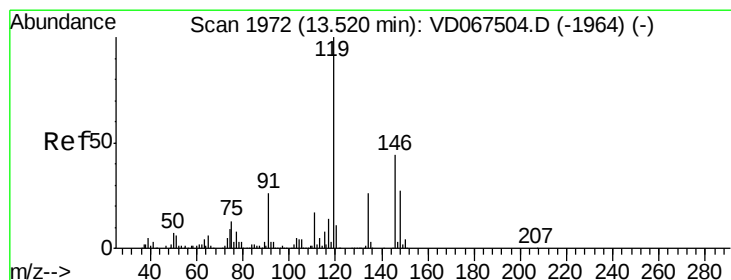
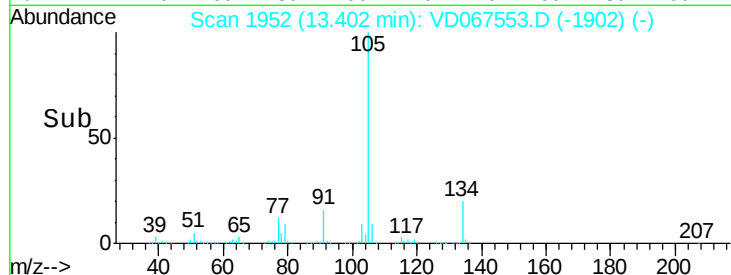
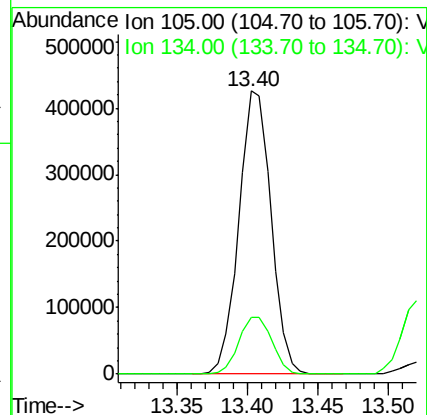
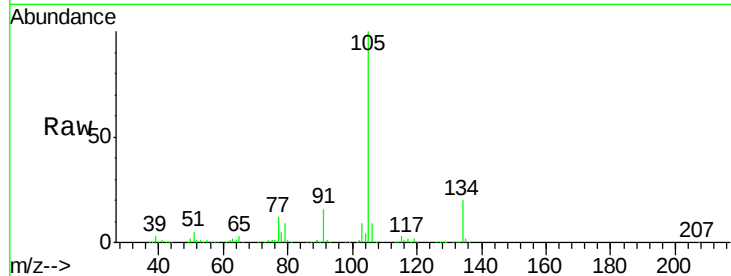
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 49.904 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

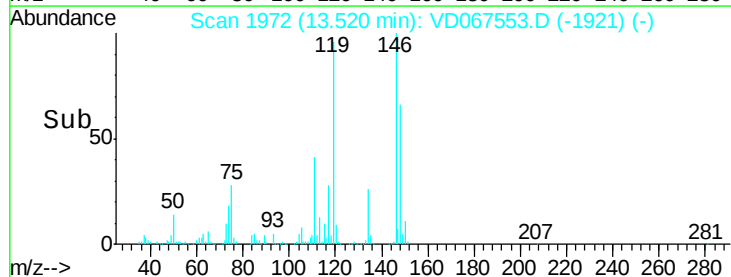
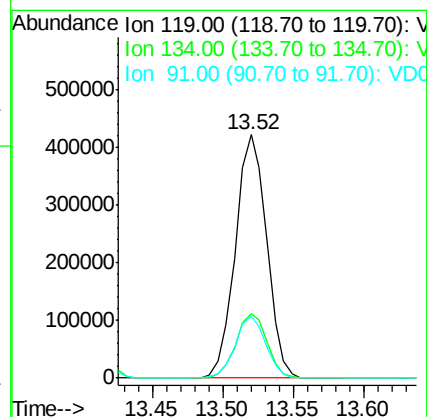
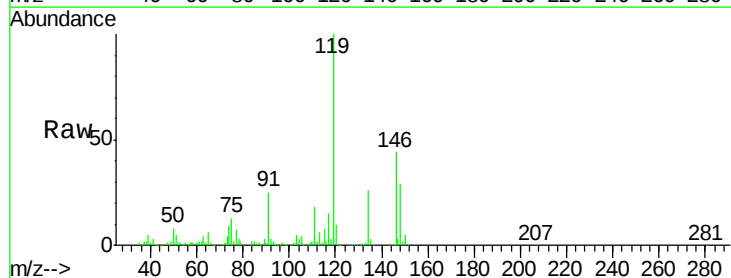
Tgt Ion:119 Resp: 649455

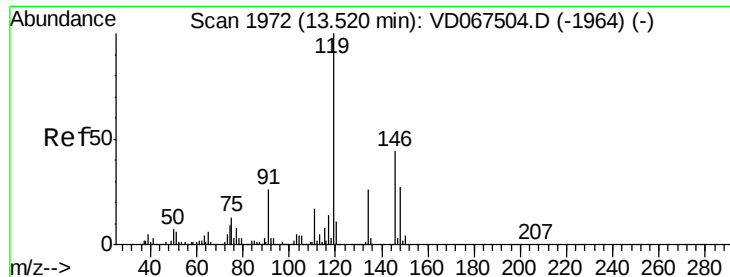
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.867 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

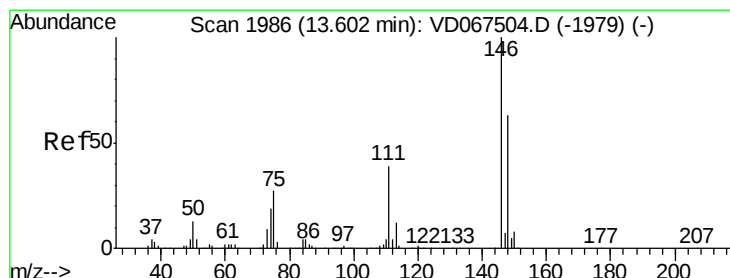
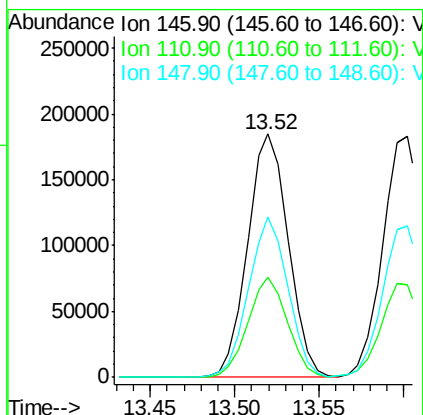
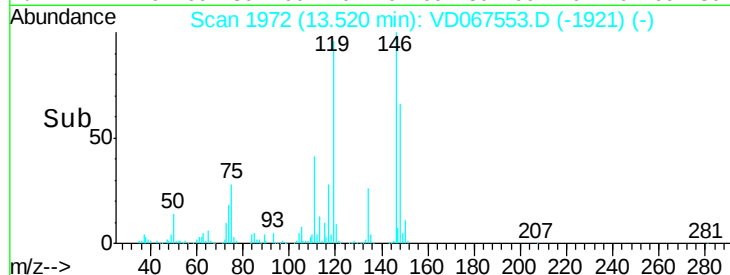
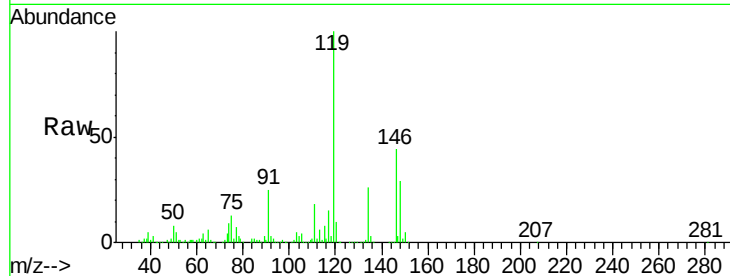
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	309309
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.3	60.8
148	63.7	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.057 ug/l

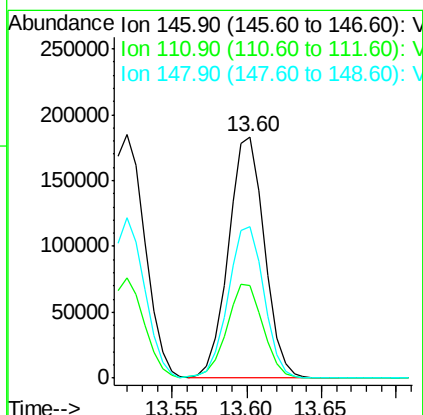
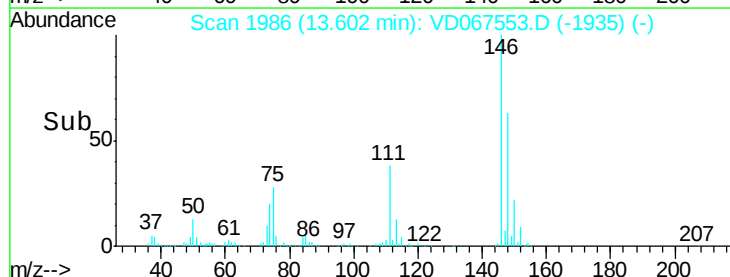
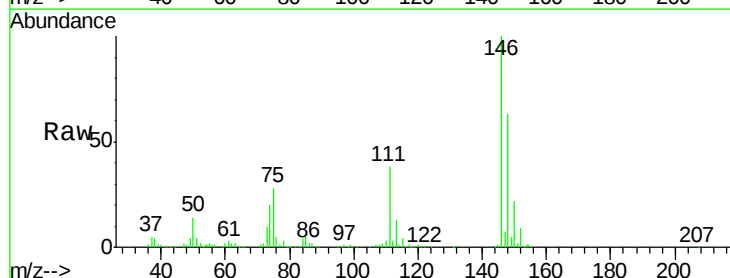
RT: 13.60 min Scan# 1986

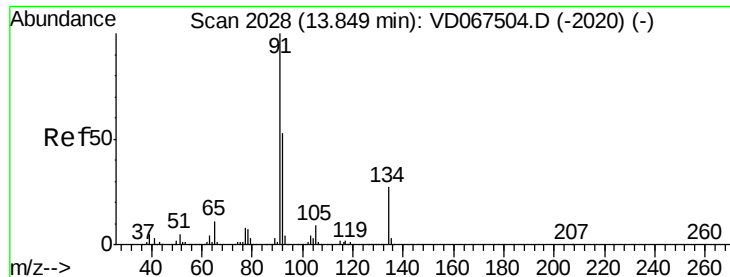
Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion:	146	Resp:	307896
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.6	58.7
148	62.7	31.8	95.4





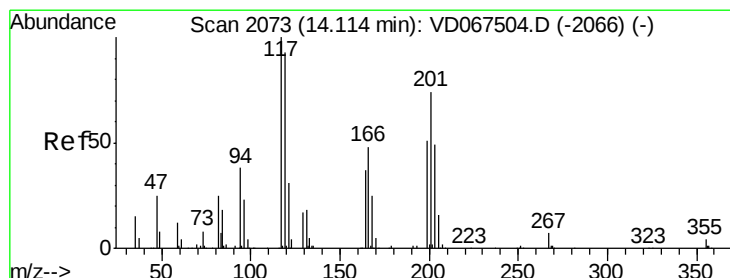
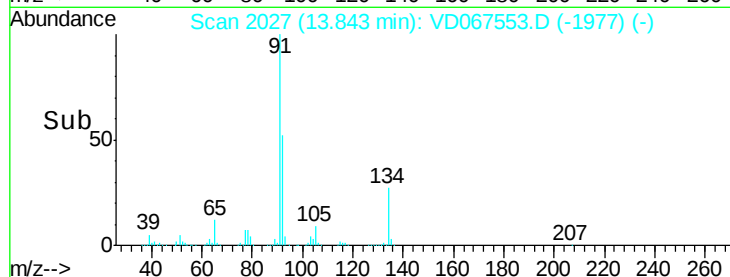
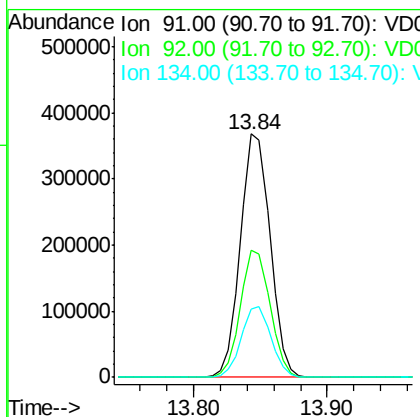
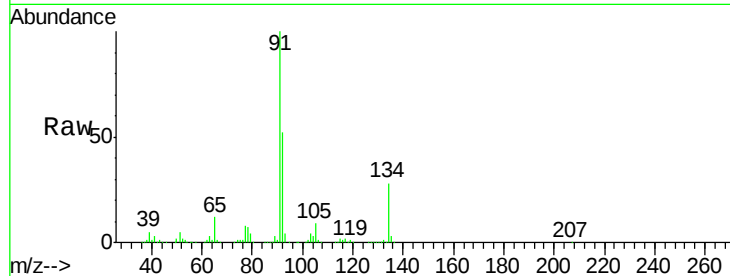
#89
n-Butylbenzene
Concen: 50.413 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.8
134	29.1	14.1	42.2

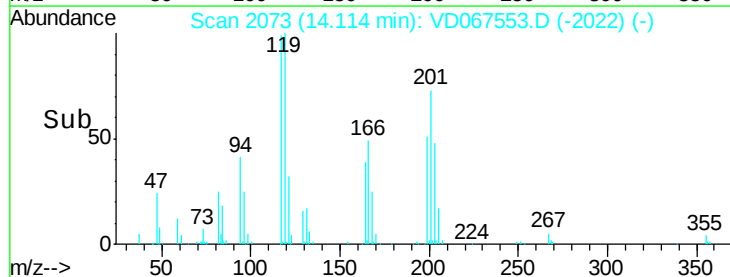
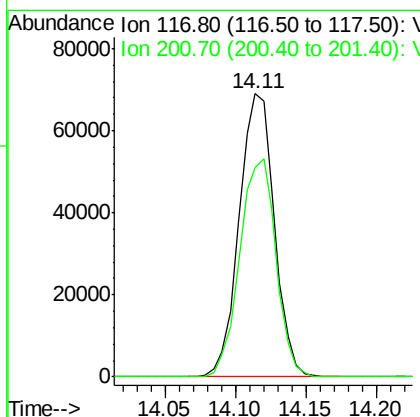
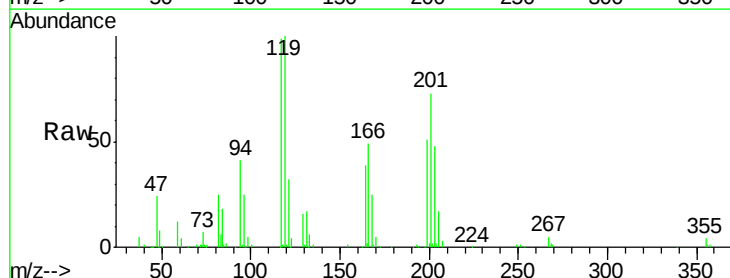
Manual Integrations
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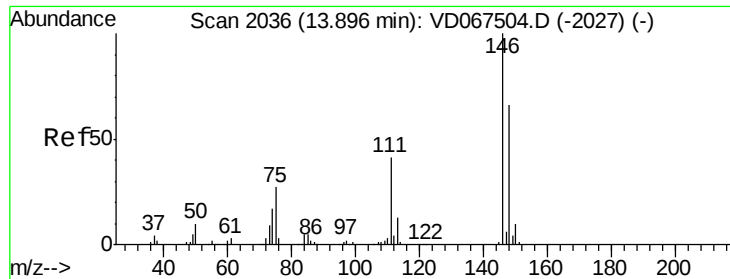
MMDadoda
11/9/2020 10:44:48 AM



#90
Hexachloroethane
Concen: 49.011 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	40.7	122.1





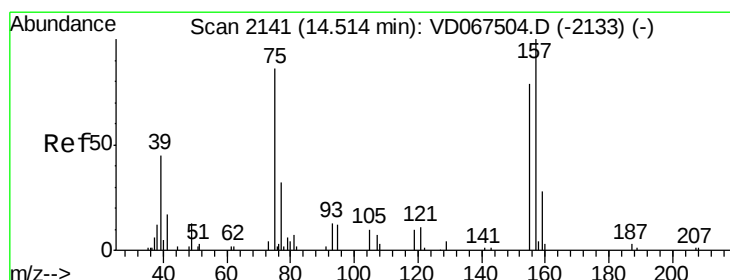
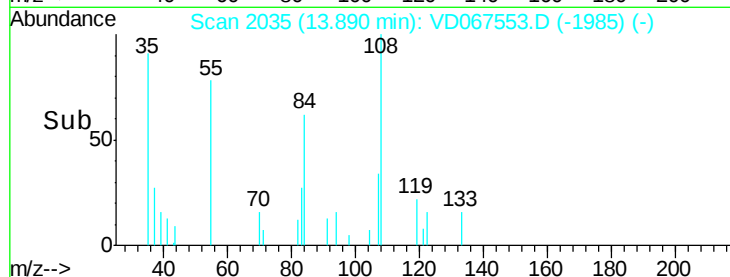
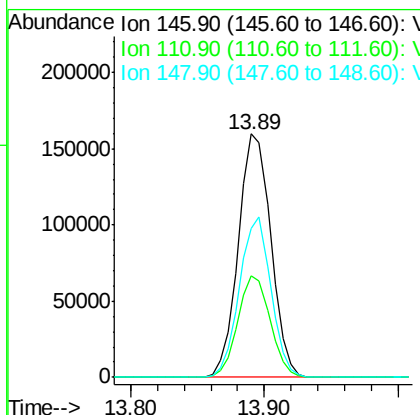
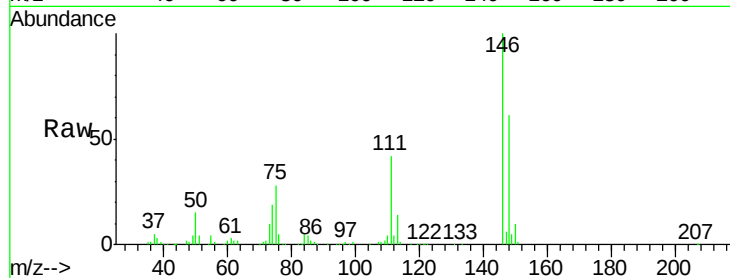
#91
 1,2-Dichlorobenzene
 Concen: 48.245 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.7	31.5	94.5

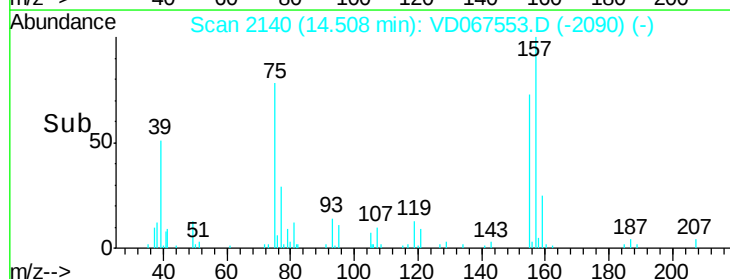
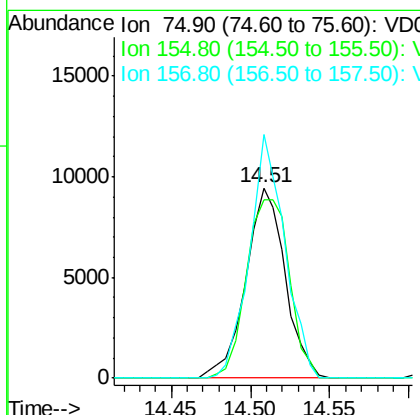
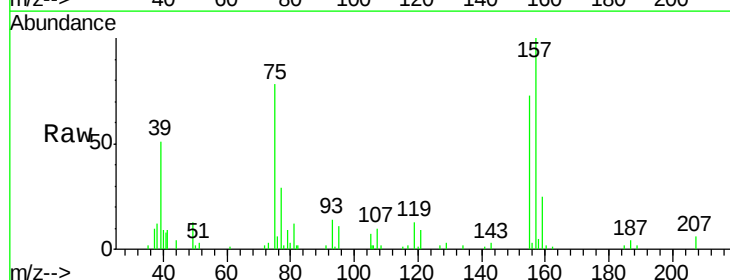
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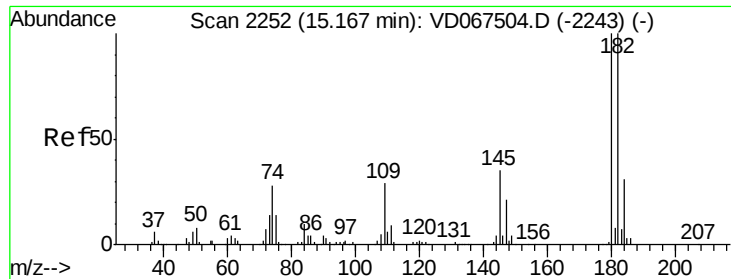
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.121 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	46.6	139.8
157	114.6	58.1	174.2





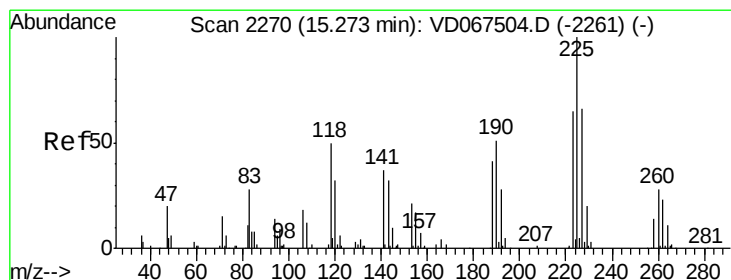
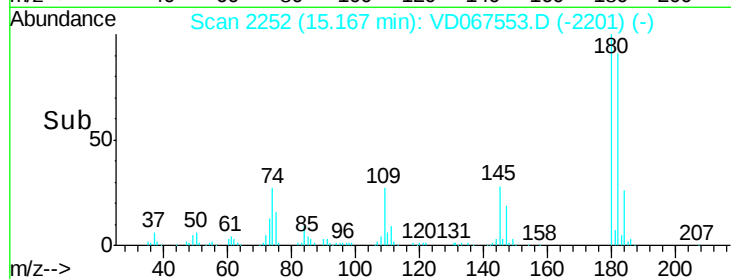
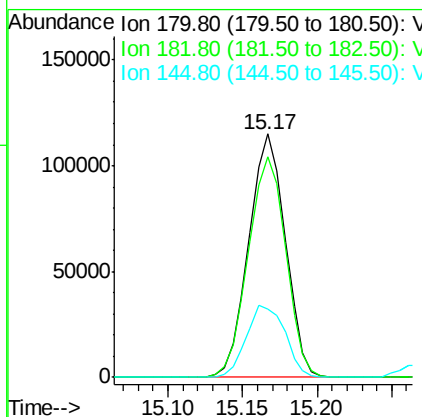
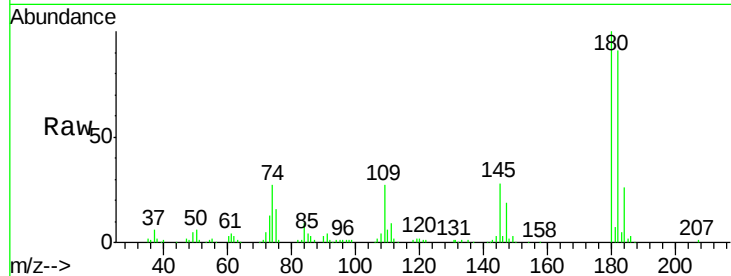
#93
1,2,4-Trichlorobenzene
Concen: 51.414 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	195154		
182	92.8	47.4	142.3	
145	31.4	16.2	48.6	

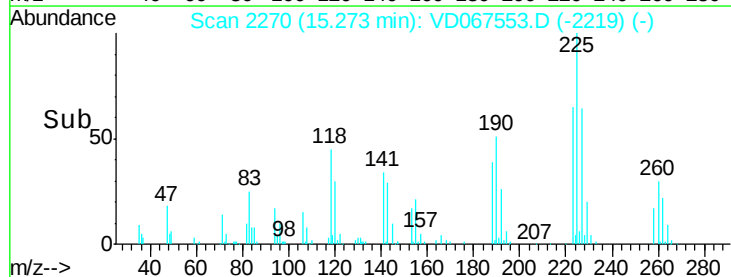
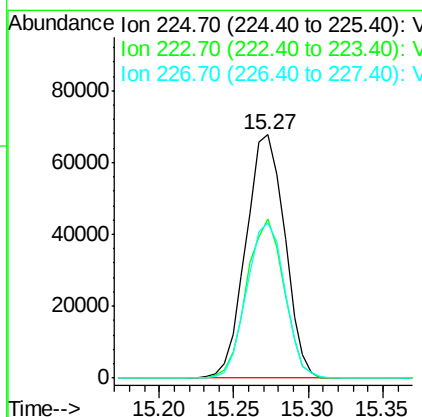
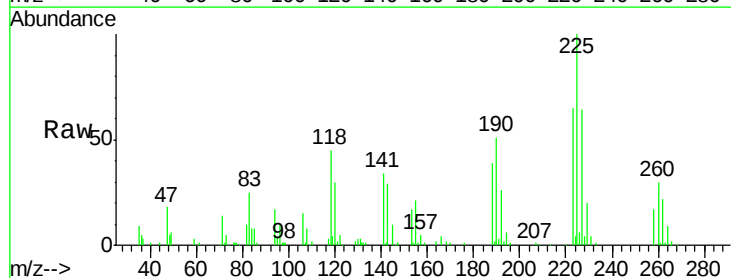
Manual Integrations
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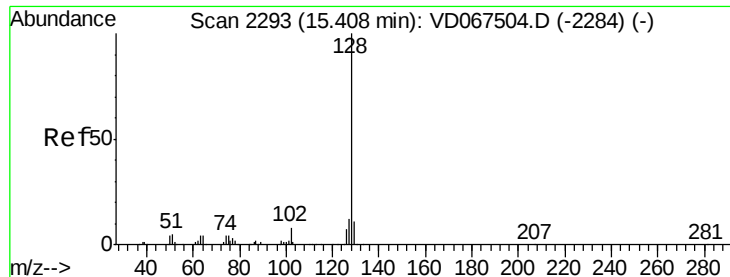
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11/9/2020 10:44:48 AM



#94
Hexachlorobutadiene
Concen: 48.052 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122070		
223	62.9	31.9	95.5	
227	62.4	32.5	97.4	





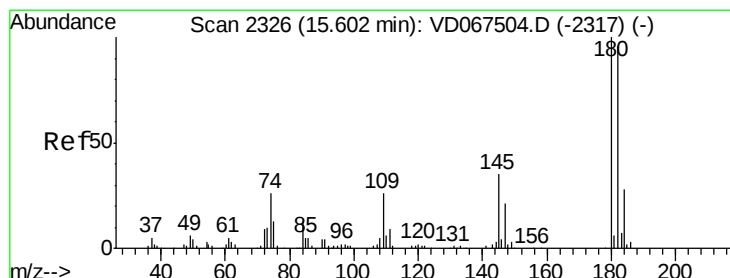
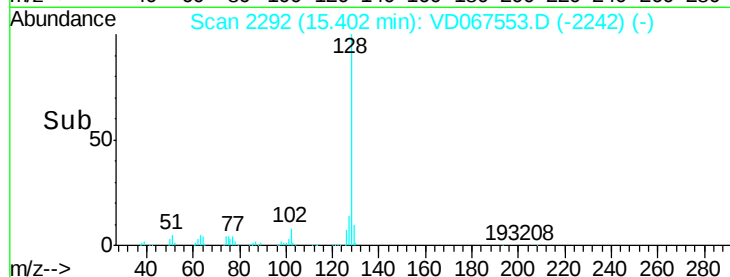
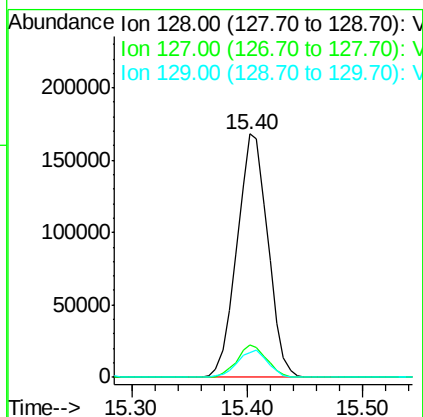
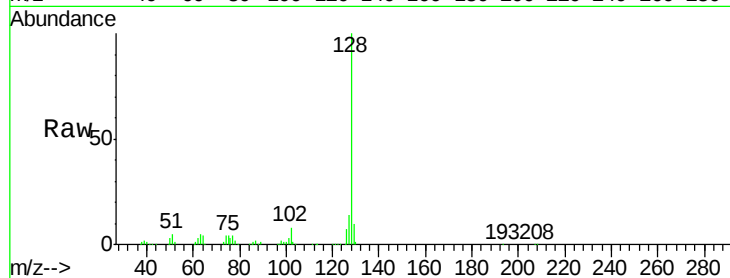
#95
Naphthalene
Concen: 53.084 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.929 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.8
145	34.5	17.1	51.2

