

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092519\
 Data File : VD063831.D
 Acq On : 25 Sep 2019 19:15
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 9:26:18 AM

Quant Time: Sep 26 11:32:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 11:05:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	266776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	419513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	415436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.36	65	251425	100.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.18%	
35) Dibromofluoromethane	7.94	113	258755	97.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.32%	
50) Toluene-d8	10.36	98	1037914	103.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.08%	
62) 4-Bromofluorobenzene	12.64	95	359265	99.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	195900	107.071	ug/l 95
3) Chloromethane	2.22	50	427490	77.103	ug/l 98
4) Vinyl Chloride	2.36	62	487341	86.126	ug/l 97
5) Bromomethane	2.76	94	322783	97.498	ug/l 99
6) Chloroethane	2.93	64	319675	82.033	ug/l 96
7) Trichlorofluoromethane	3.29	101	678380	89.172	ug/l 98
8) Diethyl Ether	3.73	74	111338	89.755	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	208506	92.391	ug/l 98
10) Methyl Iodide	4.31	142	310193	115.127	ug/l 99
11) Tert butyl alcohol	5.29	59	88643	455.467	ug/l 99
12) 1,1-Dichloroethene	4.08	96	211680	92.922	ug/l 99
13) Acrolein	3.94	56	119882	505.948	ug/l 97
14) Allyl chloride	4.73	41	325741	90.462	ug/l 97
15) Acrylonitrile	5.46	53	270026	492.746	ug/l 97
16) Acetone	4.19	43	251422	445.889	ug/l 98
17) Carbon Disulfide	4.42	76	748504	97.198	ug/l 97
18) Methyl Acetate	4.74	43	122156	87.988	ug/l 98
19) Methyl tert-butyl Ether	5.51	73	552928	96.947	ug/l 96
20) Methylene Chloride	4.99	84	270910	79.853	ug/l 99
21) trans-1,2-Dichloroethene	5.49	96	256813	96.851	ug/l 93
22) Diisopropyl ether	6.40	45	667989	89.819	ug/l 99
23) Vinyl Acetate	6.33	43	2058663	468.004	ug/l 98
24) 1,1-Dichloroethane	6.29	63	418663	92.660	ug/l 97
25) 2-Butanone	7.25	43	337952	458.454	ug/l 98
26) 2,2-Dichloropropane	7.23	77	387877	91.794	ug/l 98
27) cis-1,2-Dichloroethene	7.24	96	286576	96.316	ug/l 99
28) Bromochloromethane	7.57	49	173223	97.703	ug/l # 97
29) Tetrahydrofuran	7.59	42	203844	461.503	ug/l 97
30) Chloroform	7.73	83	456485	93.016	ug/l 97
31) Cyclohexane	8.00	56	377858	83.778	ug/l 91
32) 1,1,1-Trichloroethane	7.93	97	428240	96.504	ug/l 96
36) 1,1-Dichloropropene	8.13	75	353417	92.359	ug/l 98
37) Ethyl Acetate	7.32	43	143296	89.664	ug/l 97
38) Carbon Tetrachloride	8.11	117	387637	97.328	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.37	83	452340	94.935	ug/l	97
40) Benzene	8.37	78	1005345	95.398	ug/l	97
41) Methacrylonitrile	7.55	41	84339	89.355	ug/l	96
42) 1,2-Dichloroethane	8.45	62	292786	95.009	ug/l	99
43) Isopropyl Acetate	8.48	43	297107	92.734	ug/l	99
44) Trichloroethene	9.13	130	294563	96.518	ug/l	92
45) 1,2-Dichloropropane	9.41	63	247762	95.174	ug/l	94
46) Dibromomethane	9.50	93	142244	96.810	ug/l	96
47) Bromodichloromethane	9.68	83	374127	98.775	ug/l	97
48) Methyl methacrylate	9.47	41	135393	92.914	ug/l	94
49) 1,4-Dioxane	9.48	88	41239	2011.901	ug/l	96
51) 4-Methyl-2-Pentanone	10.25	43	759931	470.829	ug/l	99
52) Toluene	10.42	92	702235	98.275	ug/l	99
53) t-1,3-Dichloropropene	10.64	75	377870	100.647	ug/l	99
54) cis-1,3-Dichloropropene	10.11	75	421665	98.942	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	202126	97.355	ug/l	95
56) Ethyl methacrylate	10.68	69	270916	102.666	ug/l	94
57) 1,3-Dichloropropane	10.96	76	340058	96.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.96	63	555830	471.276	ug/l	98
59) 2-Hexanone	11.00	43	544487	472.803	ug/l	99
60) Dibromochloromethane	11.16	129	283795	103.580	ug/l	99
61) 1,2-Dibromoethane	11.26	107	208170	100.298	ug/l	100
64) Tetrachloroethene	10.89	164	272273	97.296	ug/l	97
65) Chlorobenzene	11.68	112	798882	95.597	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.76	131	308377	100.410	ug/l	99
67) Ethyl Benzene	11.76	91	1456862	96.513	ug/l	97
68) m/p-Xylenes	11.87	106	1120692	193.334	ug/l	99
69) o-Xylene	12.20	106	531528	97.149	ug/l	99
70) Styrene	12.21	104	931239	100.569	ug/l	99
71) Bromoform	12.37	173	175929	103.118	ug/l	96
73) Isopropylbenzene	12.49	105	1439724	95.721	ug/l	100
74) N-amyl acetate	12.30	43	303391	92.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	232565	92.765	ug/l	99
76) 1,2,3-Trichloropropane	12.80	75	151907m	108.773	ug/l	
77) Bromobenzene	12.77	156	360255	99.664	ug/l	98
78) n-propylbenzene	12.83	91	1671800	94.477	ug/l	98
79) 2-Chlorotoluene	12.92	91	911867	95.539	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	1207693	96.319	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	81012	96.898	ug/l	95
82) 4-Chlorotoluene	13.02	91	942276	92.547	ug/l	98
83) tert-Butylbenzene	13.24	119	1068069	97.490	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	1226713	96.370	ug/l	98
85) sec-Butylbenzene	13.41	105	1460954	95.834	ug/l	100
86) p-Isopropyltoluene	13.53	119	1426194	99.613	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	717224	101.058	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	690386	97.810	ug/l	97
89) n-Butylbenzene	13.86	91	1279835	93.923	ug/l	98
90) Hexachloroethane	14.13	117	264281	99.656	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	608710	99.989	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40061	94.705	ug/l	97

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QLast Update : Thu Sep 26 11:05:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	473651	102.454	ug/l	98
94) Hexachlorobutadiene	15.28	225	265876	101.502	ug/l	99
95) Naphthalene	15.41	128	827096	99.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	409465	99.901	ug/l	99

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

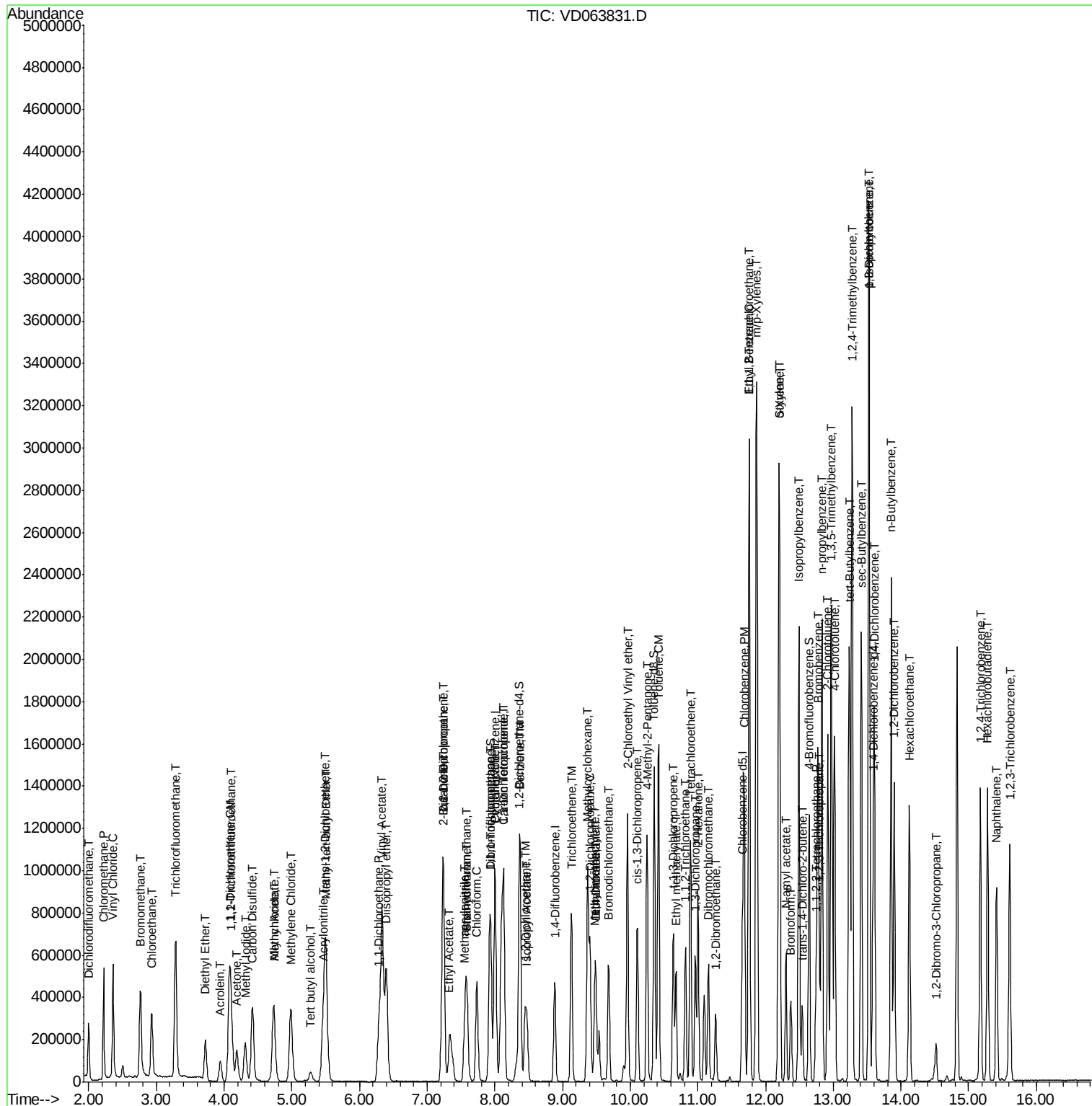
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092519\
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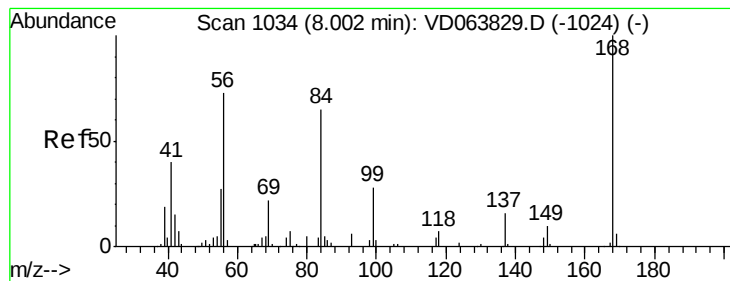
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 266776

Ion Ratio Lower Upper

168 100

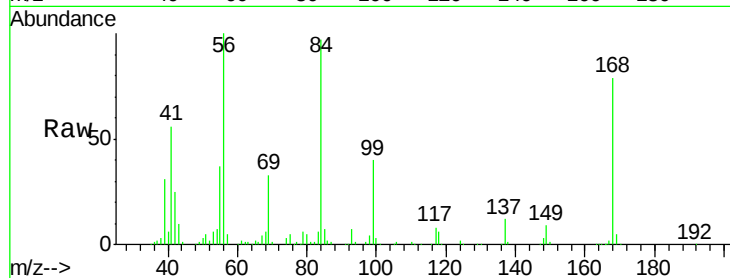
99 50.6 41.2 61.8

Manual Integrations

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10/1/2019 9:26:18 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.00

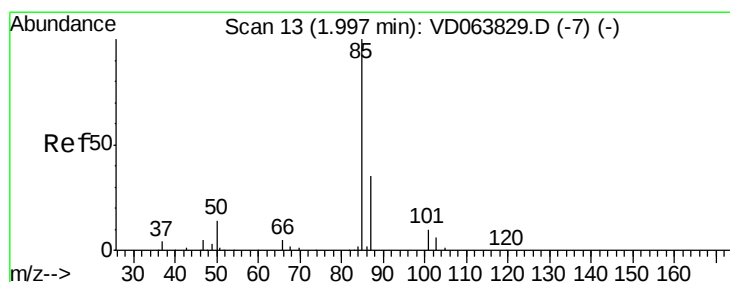
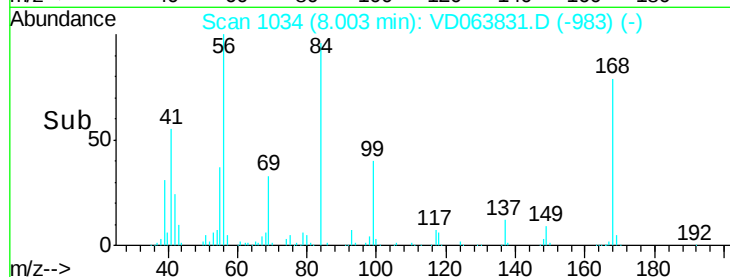
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 107.071 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.00 min

Lab File: VD063831.D

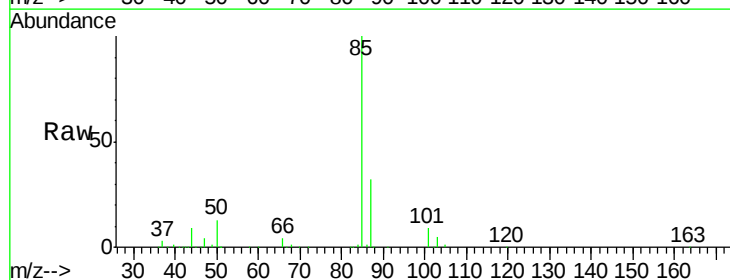
Acq: 25 Sep 2019 19:15

Tgt Ion: 85 Resp: 195900

Ion Ratio Lower Upper

85 100

87 31.9 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

150000

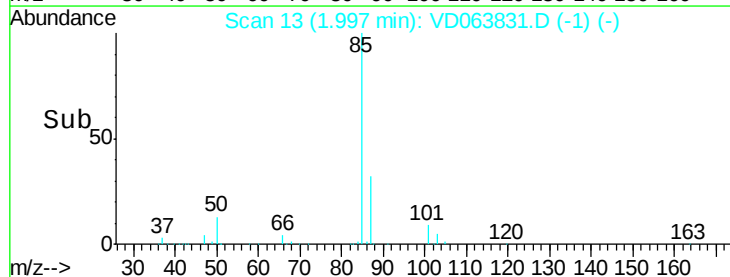
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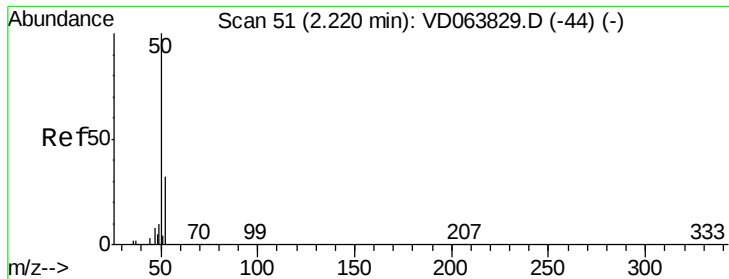
50000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 77.103 ug/l

RT: 2.22 min Scan# 51

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 427490

Ion Ratio Lower Upper

50 100

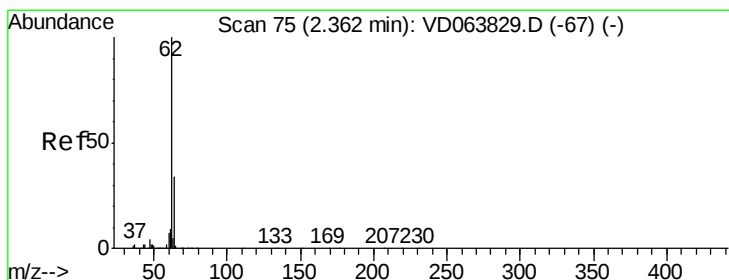
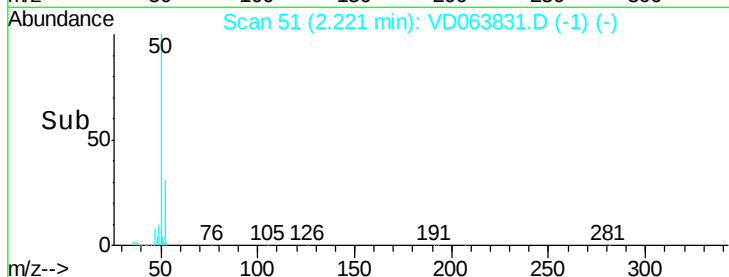
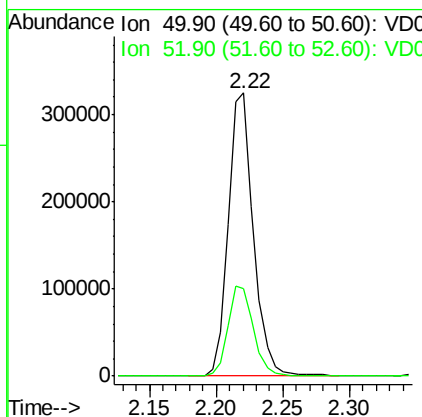
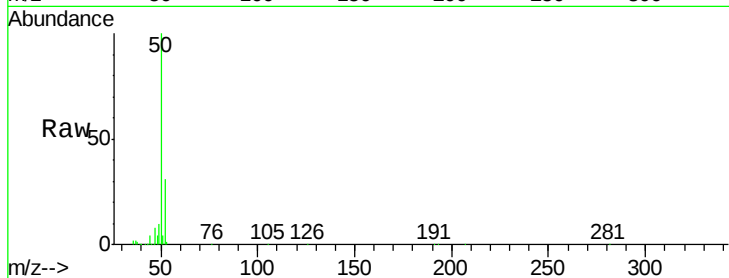
52 30.8 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 86.126 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD063831.D

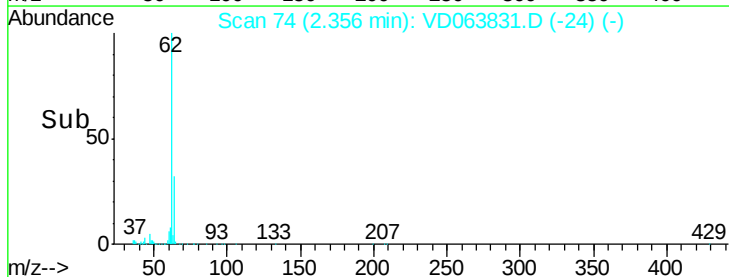
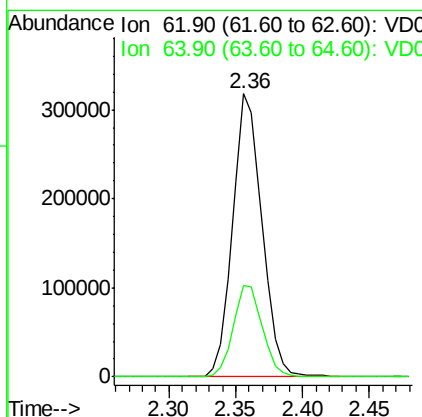
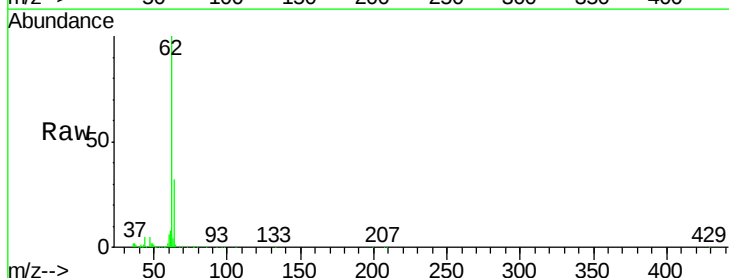
Acq: 25 Sep 2019 19:15

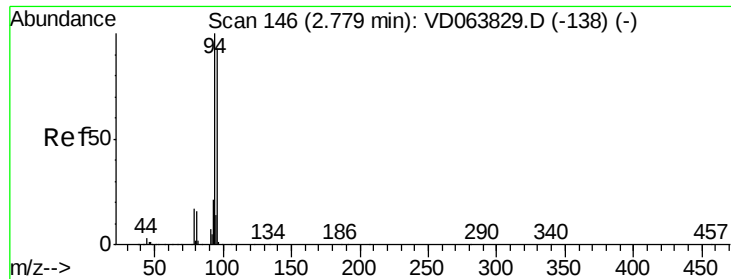
Tgt Ion: 62 Resp: 487341

Ion Ratio Lower Upper

62 100

64 32.3 27.1 40.7





#5

Bromomethane

Concen: 97.498 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.02 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 322783

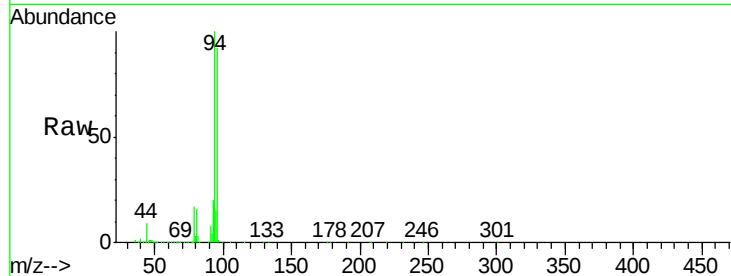
Ion Ratio Lower Upper

94 100

96 91.9 74.2 111.2

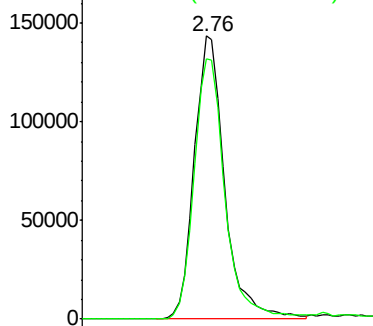
Manual Integrations
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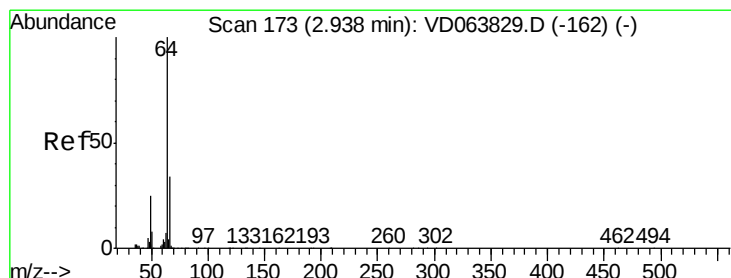
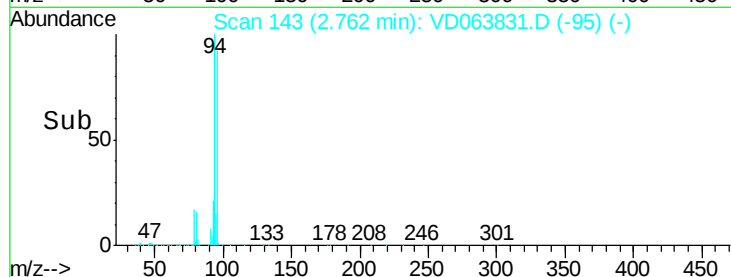


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 82.033 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD063831.D

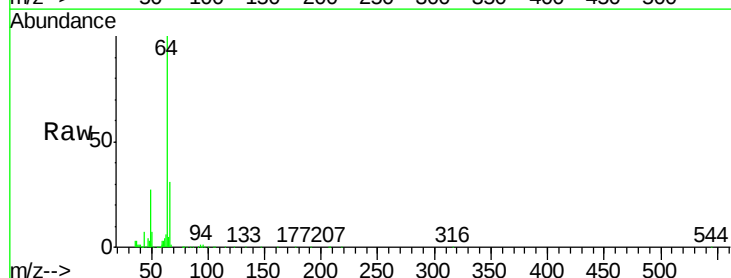
Acq: 25 Sep 2019 19:15

Tgt Ion: 64 Resp: 319675

Ion Ratio Lower Upper

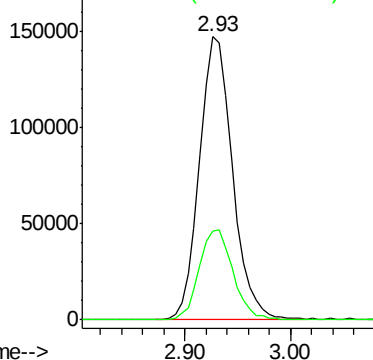
64 100

66 31.3 26.9 40.3

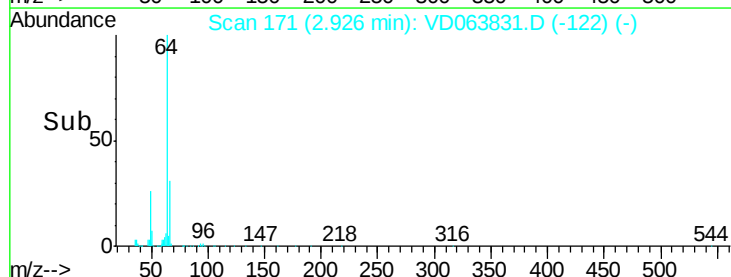


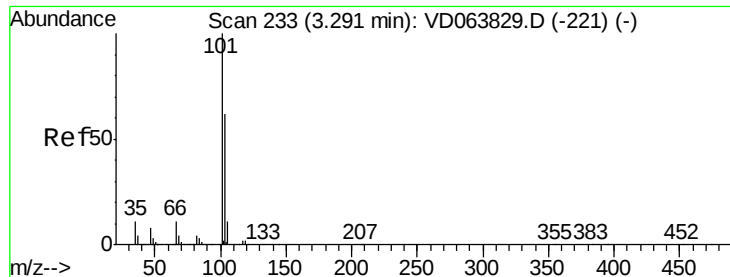
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

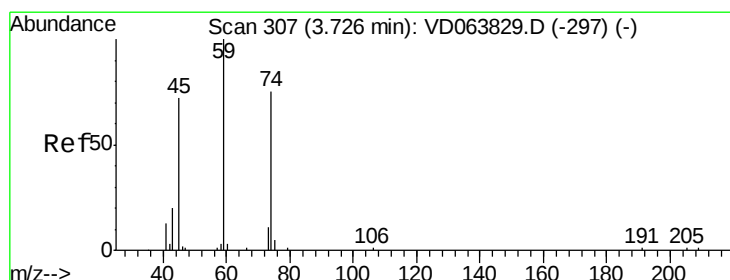
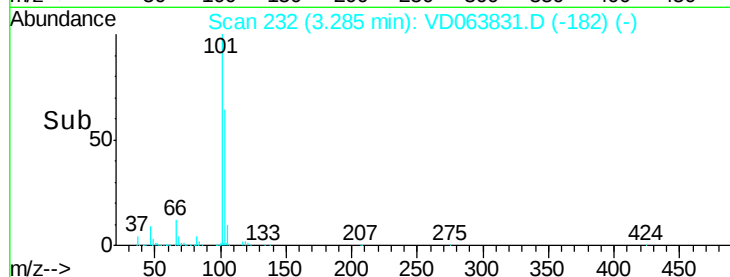
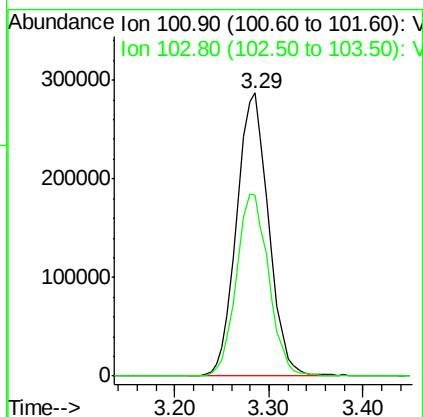
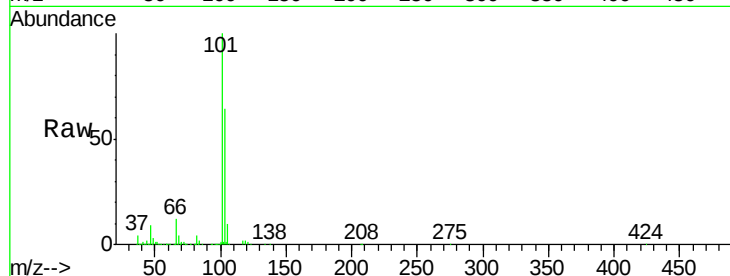
Trichlorofluoromethane
Concen: 89.172 ug/l
RT: 3.29 min Scan# 232
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.8	74.8

Manual Integrations
APPROVED

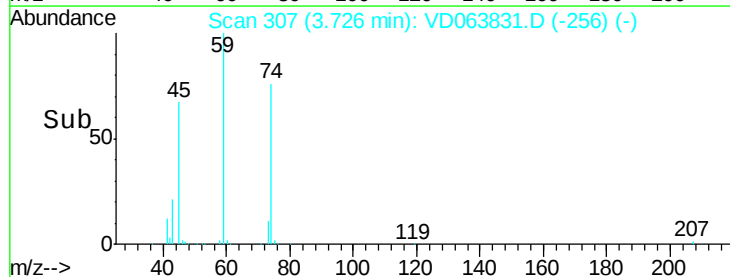
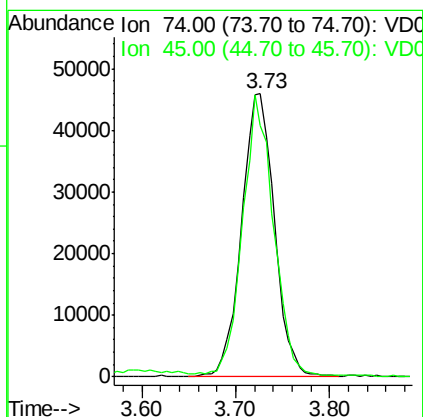
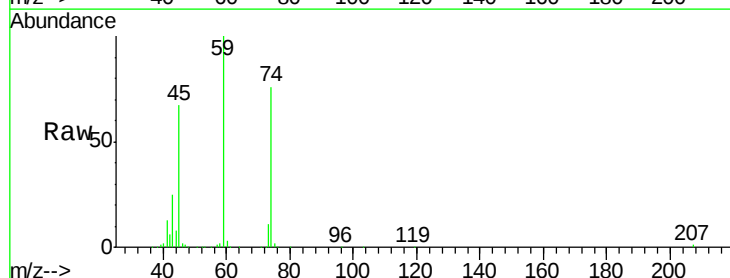
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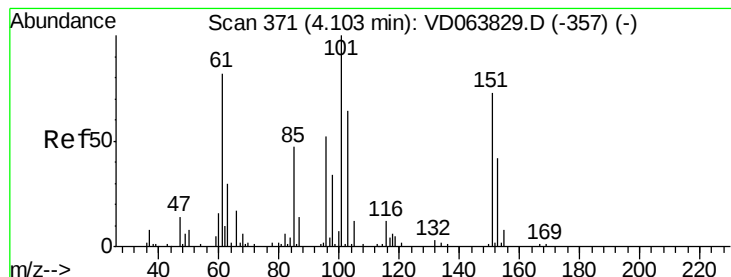


#8

Diethyl Ether
Concen: 89.755 ug/l
RT: 3.73 min Scan# 307
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.391 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

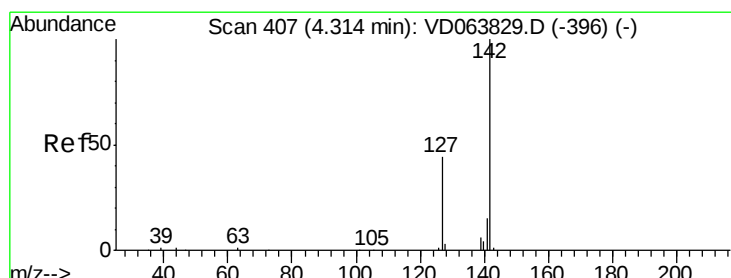
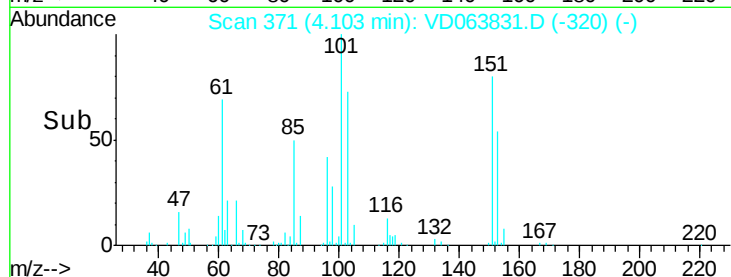
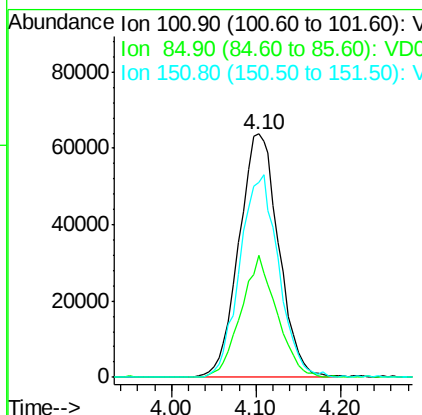
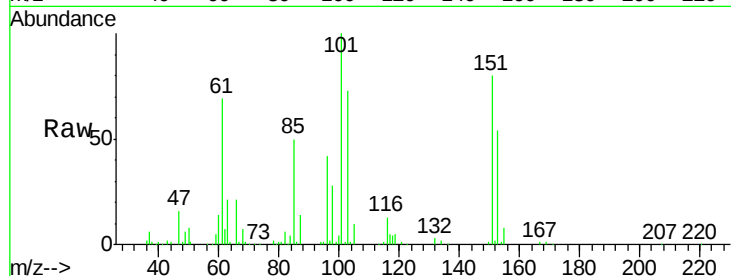
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	208506
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.8	56.6
151	81.4	64.2	96.2

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#10

Methyl Iodide

Concen: 115.127 ug/l

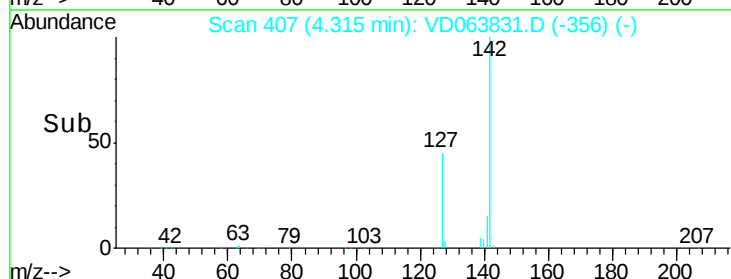
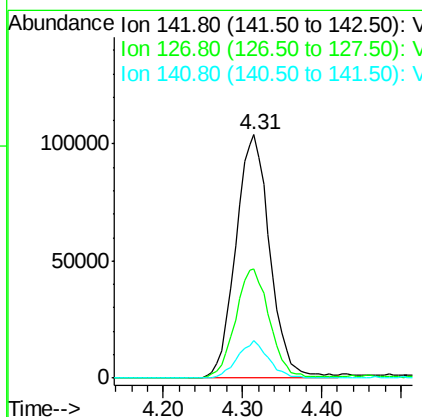
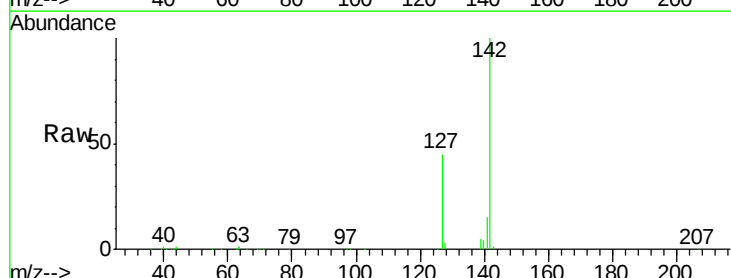
RT: 4.31 min Scan# 407

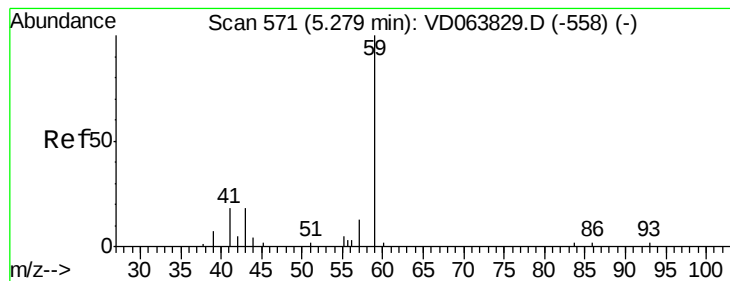
Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	142	Resp:	310193
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.8	53.6
141	14.0	11.9	17.9





#11

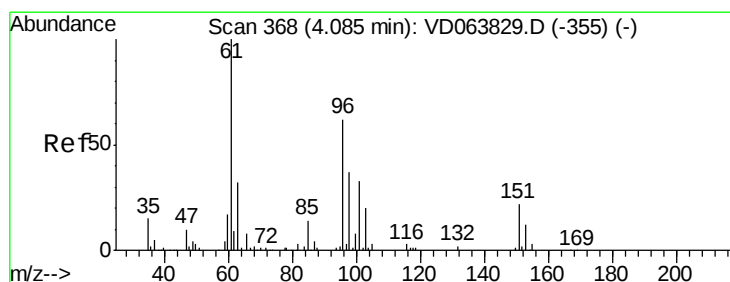
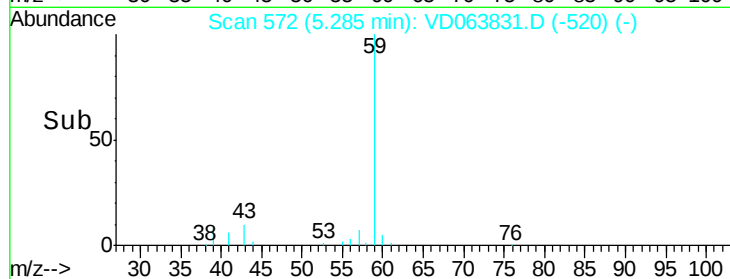
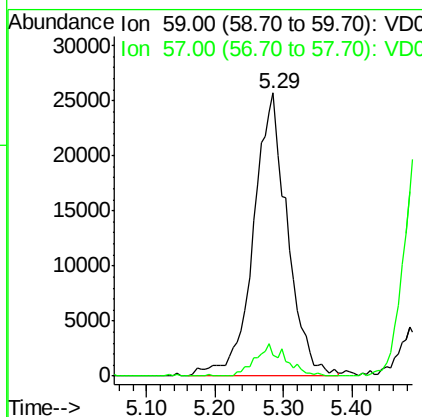
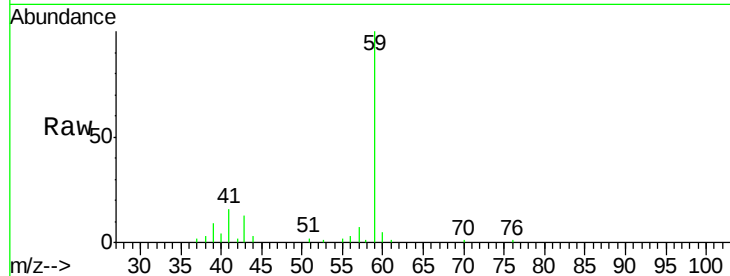
Tert butyl alcohol
 Concen: 455.467 ug/l
 RT: 5.29 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	59	Resp	88643
Ion Ratio	100	Lower	Upper
59	100	8.3	12.5
57	10.0		

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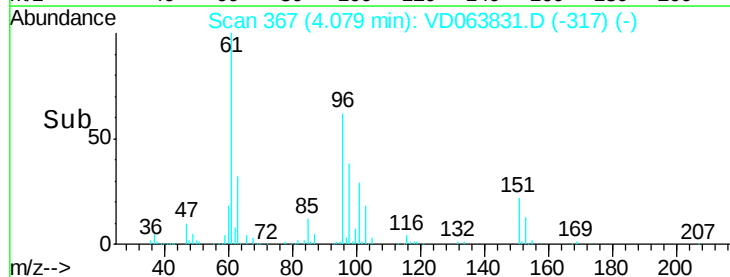
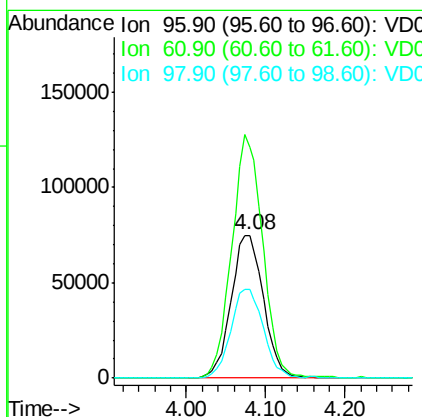
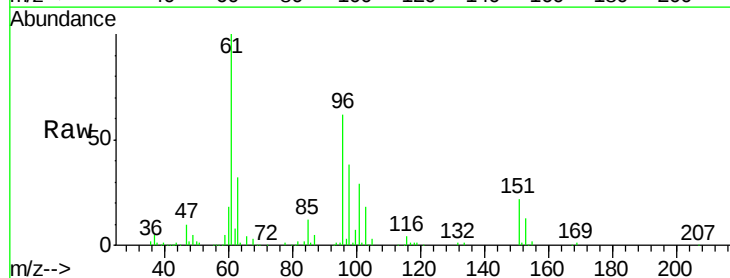
MMDadoda
 10/1/2019 9:26:18 AM

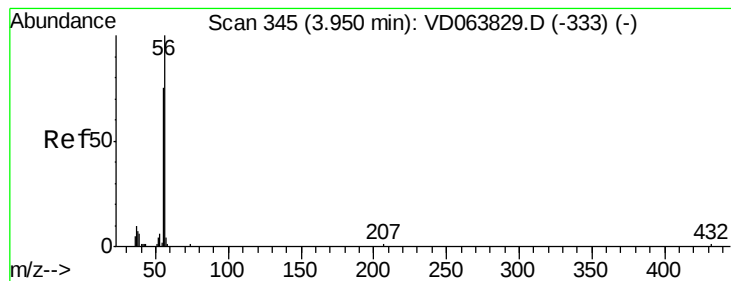


#12

1,1-Dichloroethene
 Concen: 92.922 ug/l
 RT: 4.08 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	96	Resp	211680
Ion Ratio	100	Lower	Upper
96	100	129.0	193.4
61	161.2	47.8	71.6
98	61.9		





#13

Acrolein

Concen: 505.948 ug/l

RT: 3.94 min Scan# 344

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 119882

Ion Ratio Lower Upper

56 100

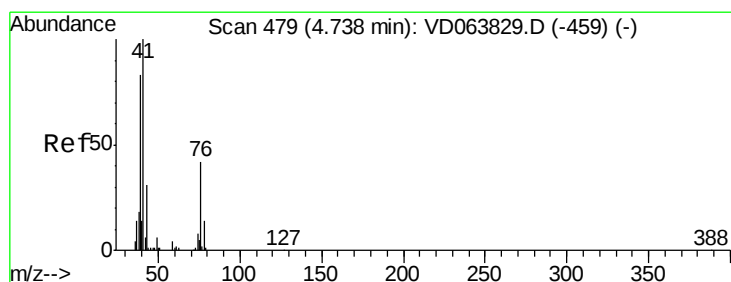
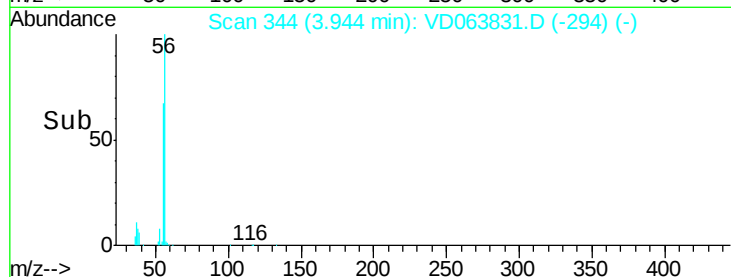
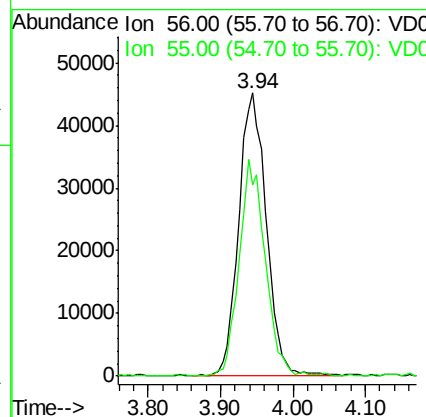
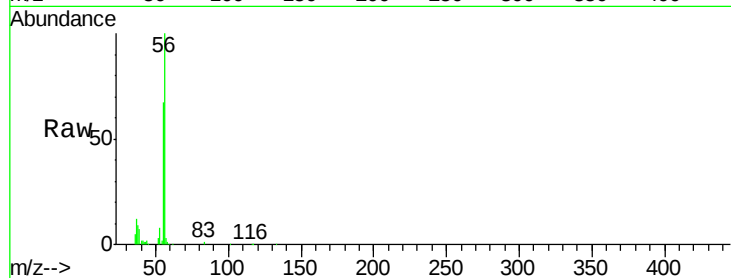
55 71.4 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 90.462 ug/l

RT: 4.73 min Scan# 478

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

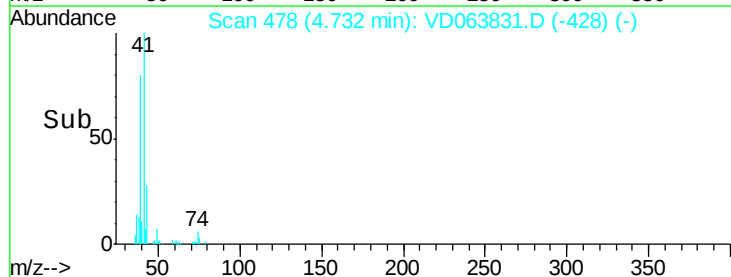
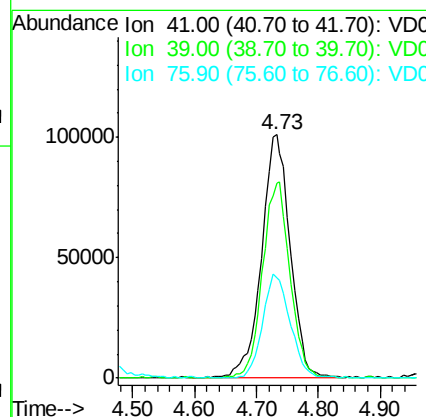
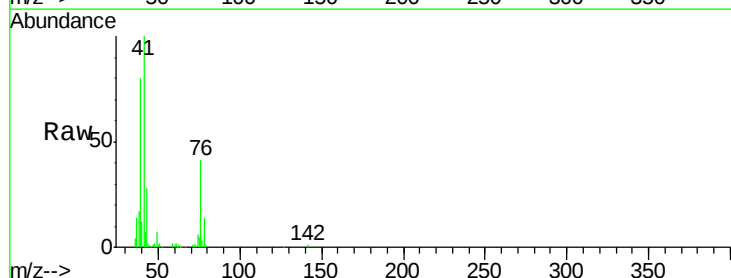
Tgt Ion: 41 Resp: 325741

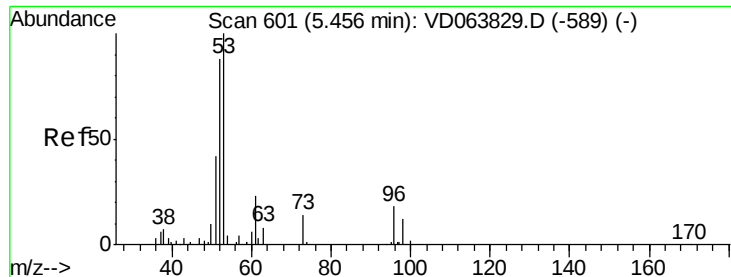
Ion Ratio Lower Upper

41 100

39 77.2 63.7 95.5

76 40.2 33.5 50.3





#15

Acrylonitrile

Concen: 492.746 ug/l

RT: 5.46 min Scan# 601

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

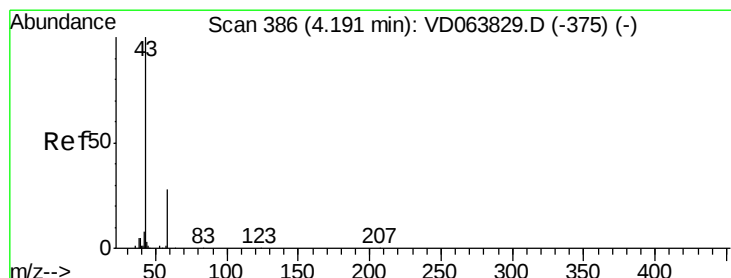
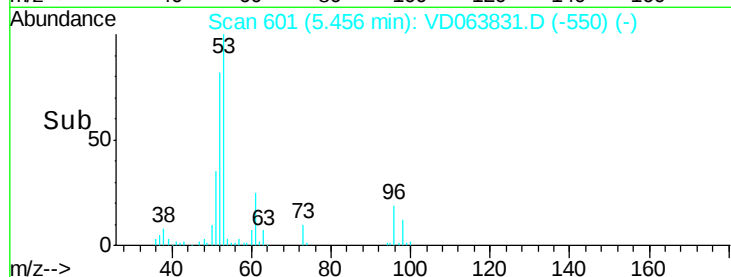
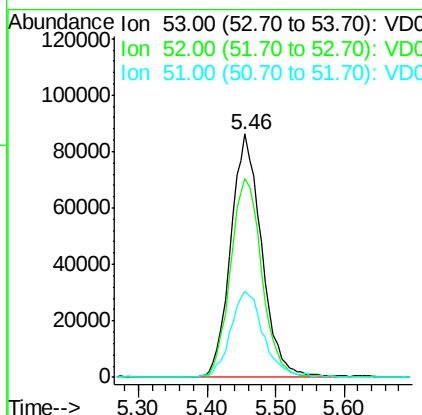
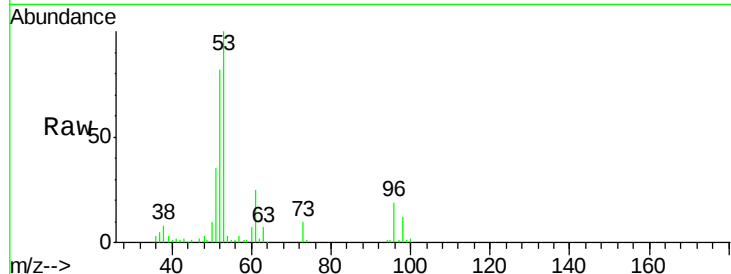
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	270026
Ion Ratio	Lower	Upper	
53	100		
52	82.6	68.7	103.1
51	37.9	30.7	46.1

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#16

Acetone

Concen: 445.889 ug/l

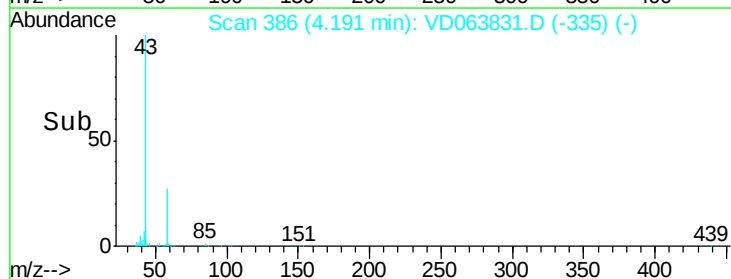
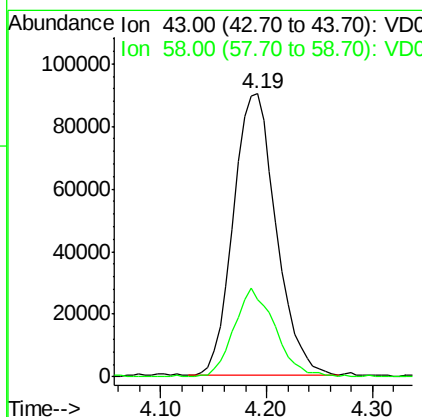
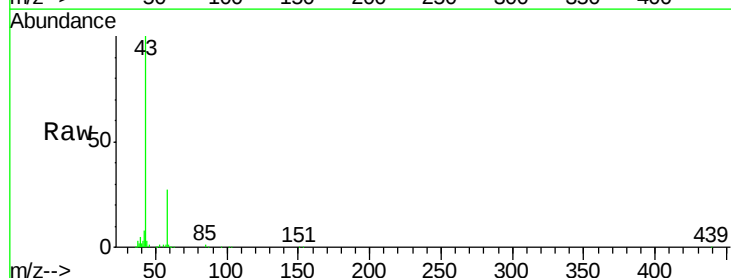
RT: 4.19 min Scan# 386

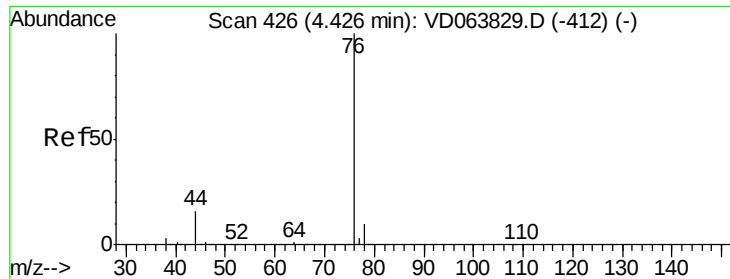
Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	43	Resp:	251422
Ion Ratio	Lower	Upper	
43	100		
58	27.5	22.6	34.0





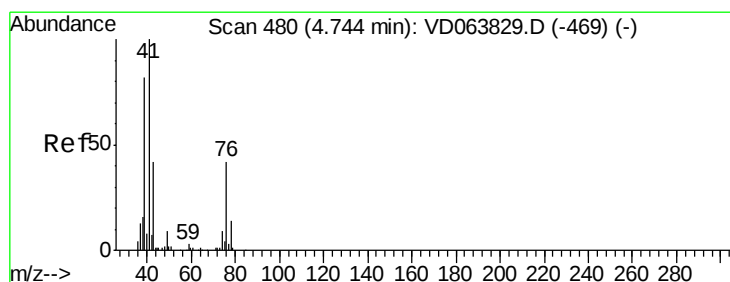
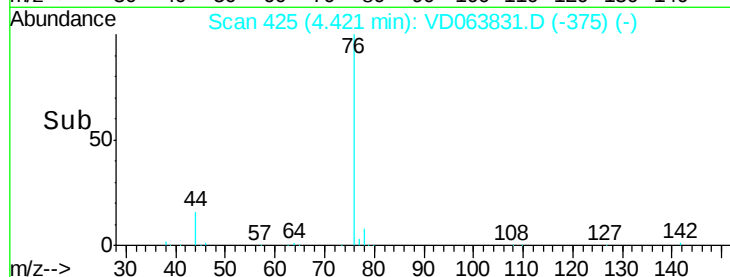
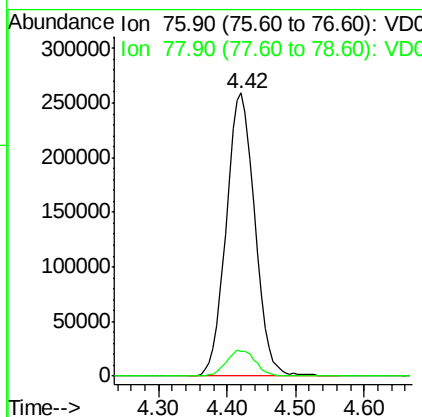
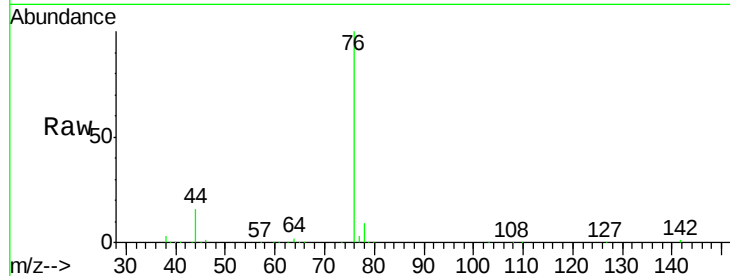
#17
Carbon Disulfide
Concen: 97.198 ug/l
RT: 4.42 min Scan# 425
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.9	11.9

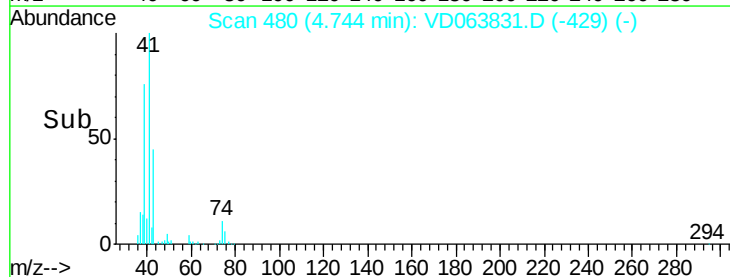
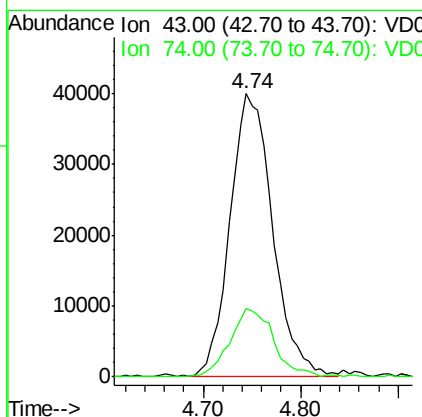
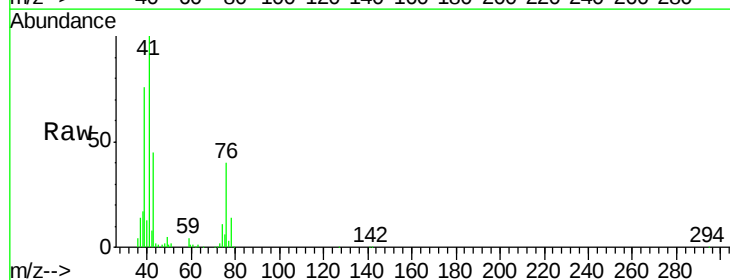
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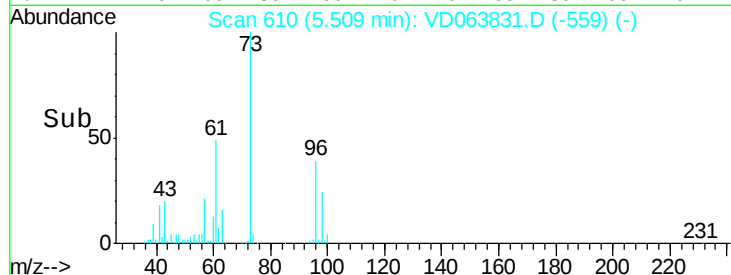
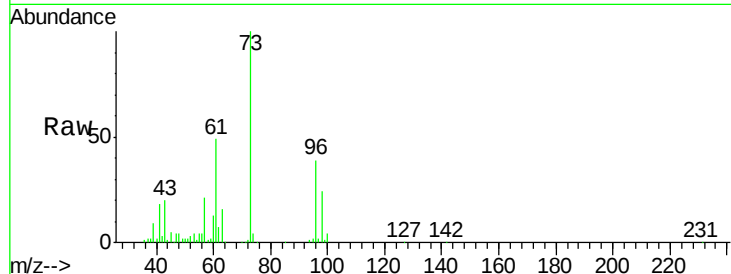
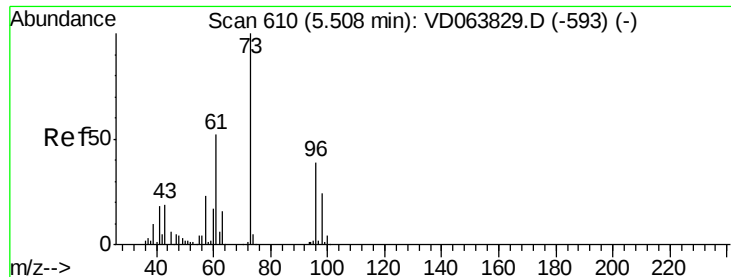
MMDadoda
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#18
Methyl Acetate
Concen: 87.988 ug/l
RT: 4.74 min Scan# 480
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.6	28.0





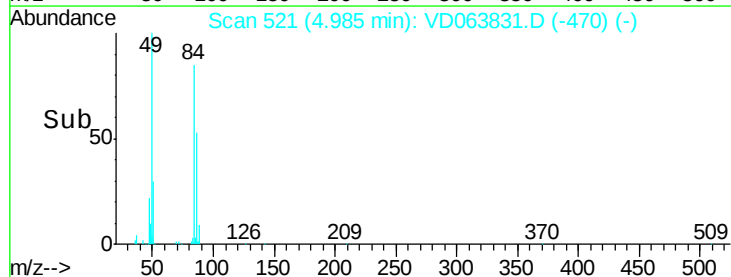
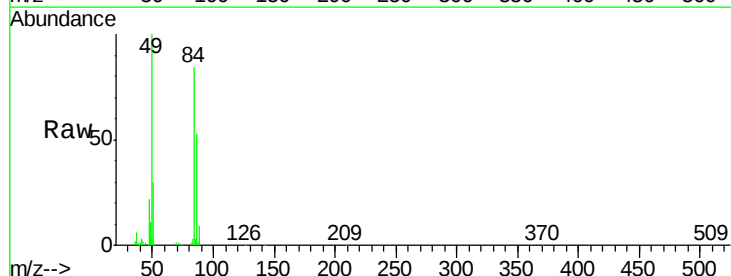
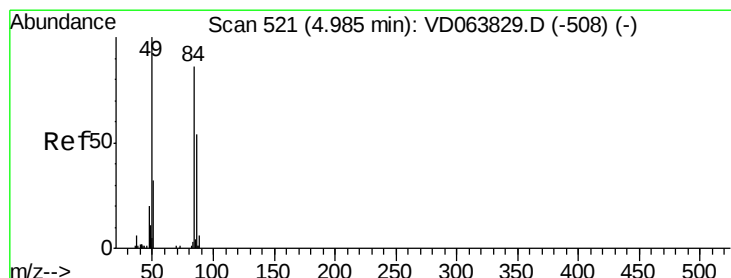
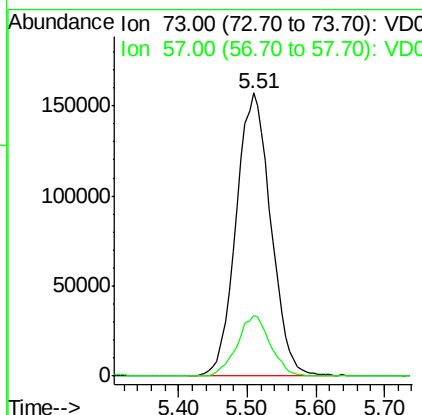
#19
Methvl tert-butvl Ether
Concen: 96.947 ug/l
RT: 5.51 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tot Ion: 73 Resp: 552928
Ion Ratio Lower Upper
73 100
57 21.3 18.7 28.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

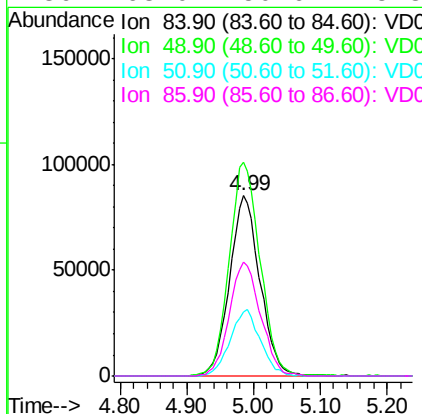
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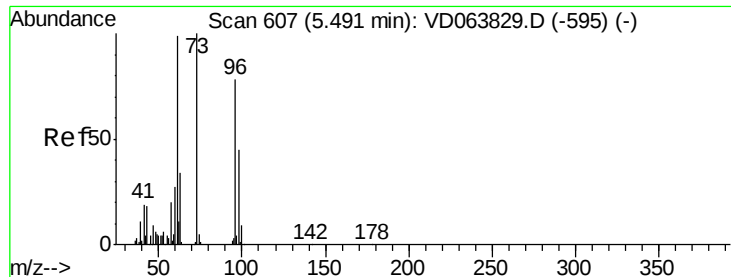
MMDadoda
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#20
Methylene Chloride
Concen: 79.853 ug/l
RT: 4.99 min Scan# 521
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion: 84 Resp: 270910
Ion Ratio Lower Upper
84 100
49 118.3 93.6 140.4
51 35.7 29.8 44.6
86 63.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 96.851 ug/l

RT: 5.49 min Scan# 607

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

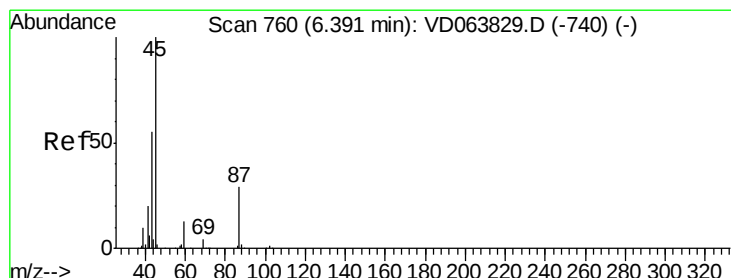
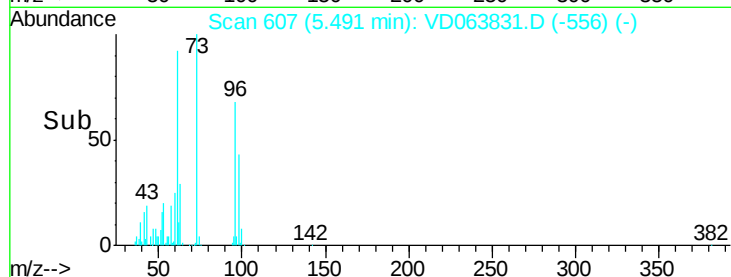
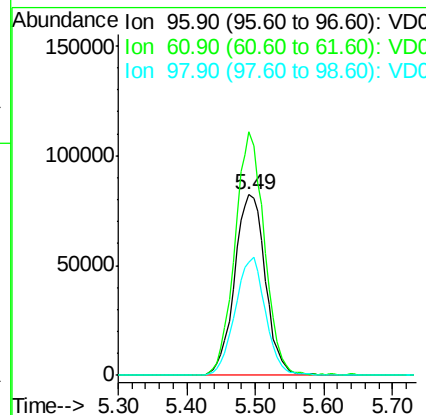
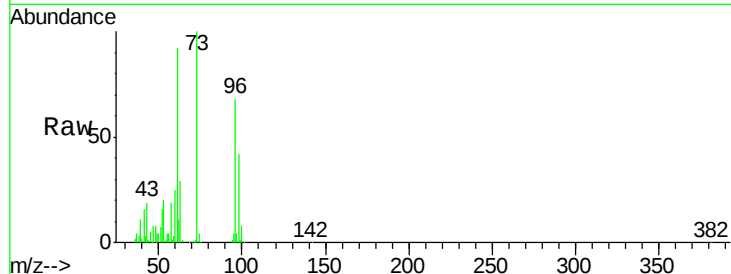
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	256813
Ion Ratio	Lower	Upper	
96	100		
61	134.9	101.3	151.9
98	62.5	45.4	68.2

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#22

Diisopropyl ether

Concen: 89.819 ug/l

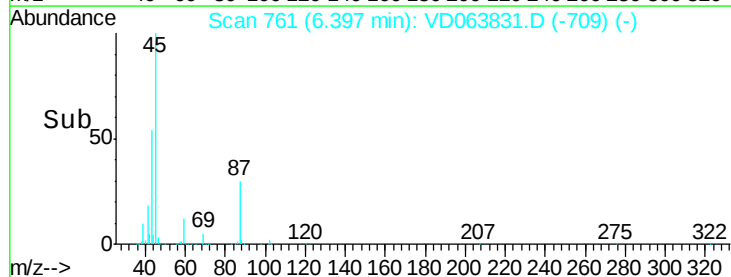
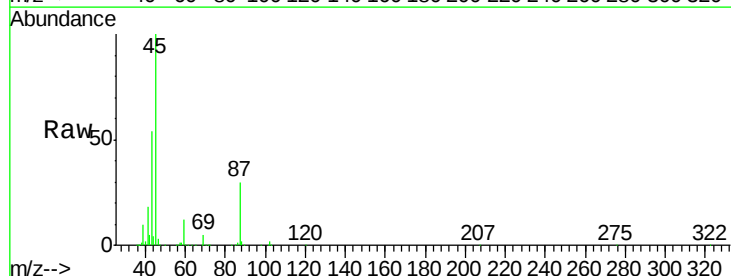
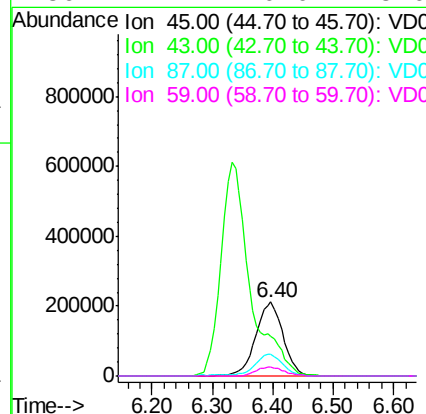
RT: 6.40 min Scan# 761

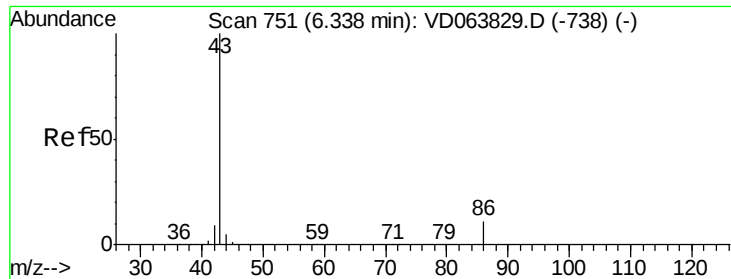
Delta R.T. 0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	45	Resp:	667989
Ion Ratio	Lower	Upper	
45	100		
43	53.9	44.2	66.2
87	29.7	23.9	35.9
59	12.2	10.0	15.0





#23

Vinyl Acetate

Concen: 468.004 ug/l

RT: 6.33 min Scan# 750

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tot Ion: 43 Resp: 2058663

Ion Ratio Lower Upper

43 100

86 11.9 8.8 13.2

Instrument :

MSVOA_D

ClientSampleId :

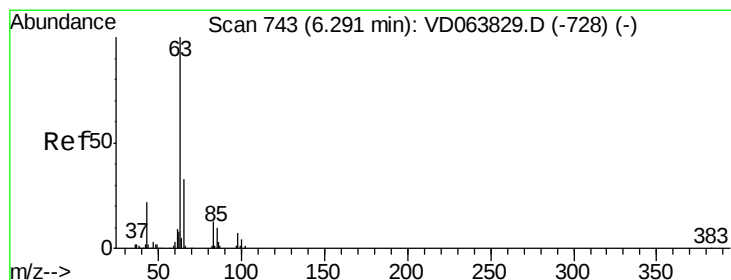
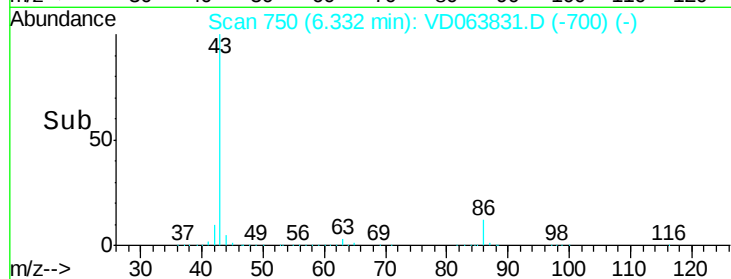
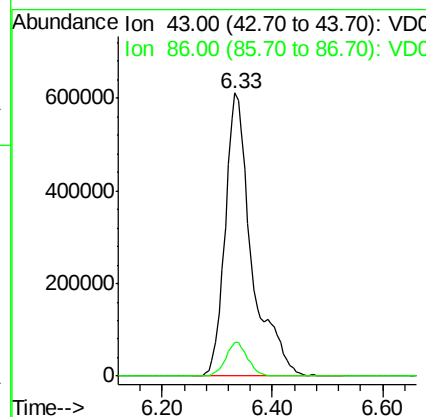
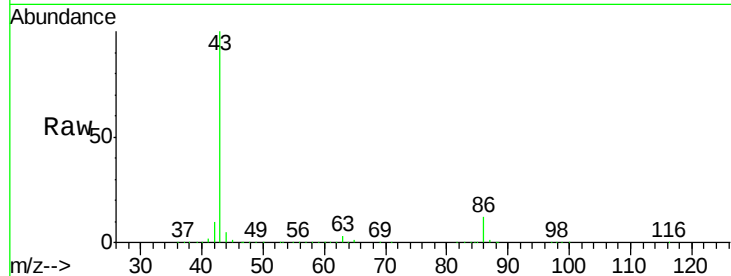
VSTDIC100

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 92.660 ug/l

RT: 6.29 min Scan# 742

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

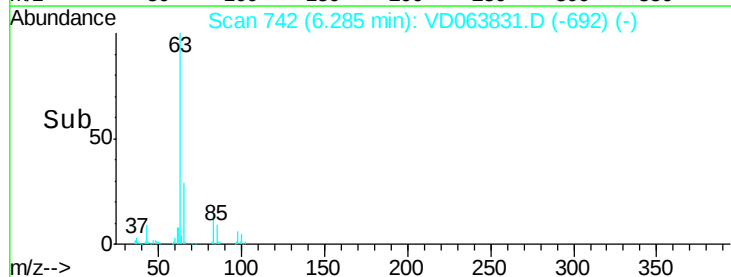
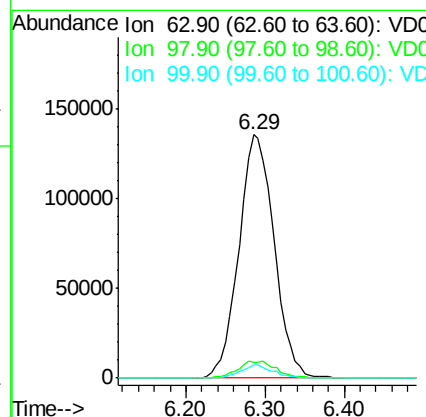
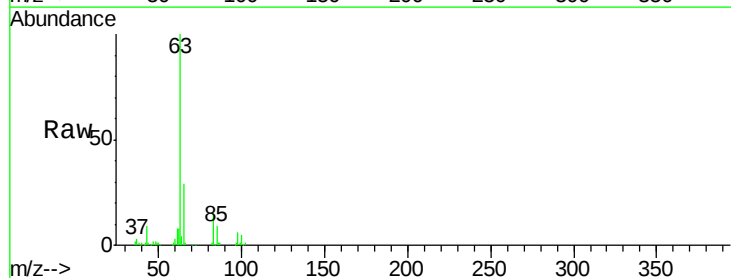
Tgt Ion: 63 Resp: 418663

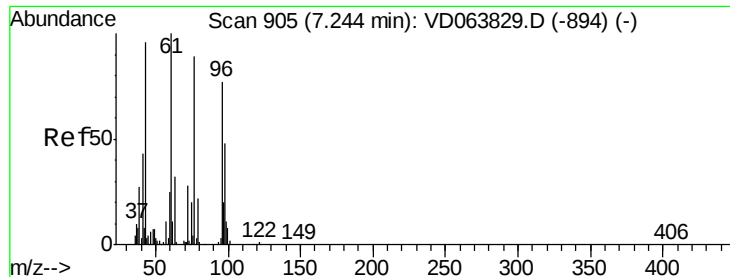
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 5.2 2.0 6.0





#25

2-Butanone

Concen: 458.454 ug/l

RT: 7.25 min Scan# 906

Delta R.T. 0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 337952

Ion Ratio Lower Upper

43 100

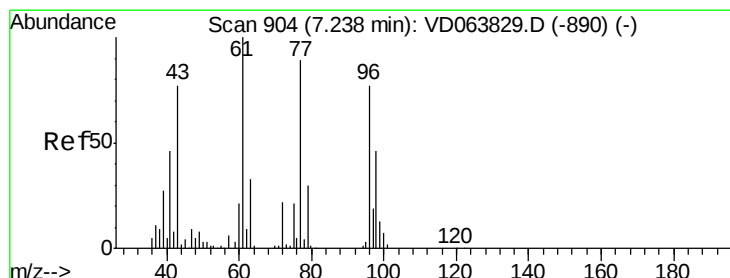
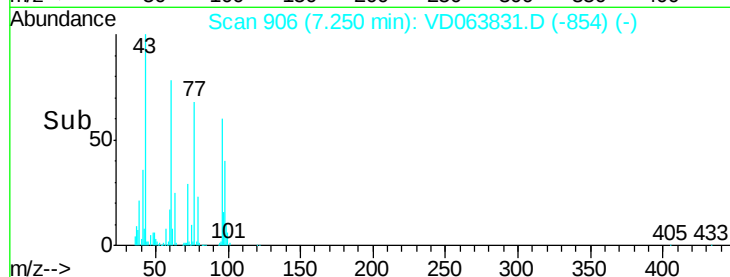
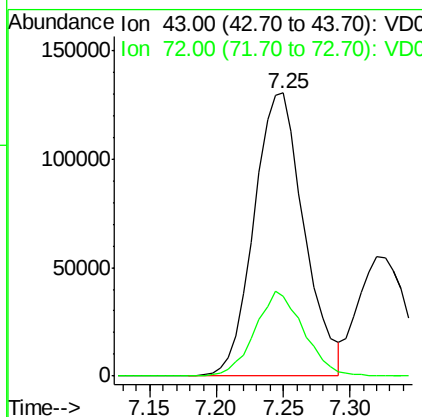
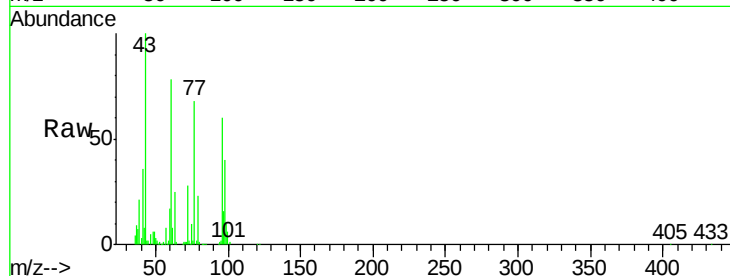
72 28.5 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 91.794 ug/l

RT: 7.23 min Scan# 903

Delta R.T. -0.01 min

Lab File: VD063831.D

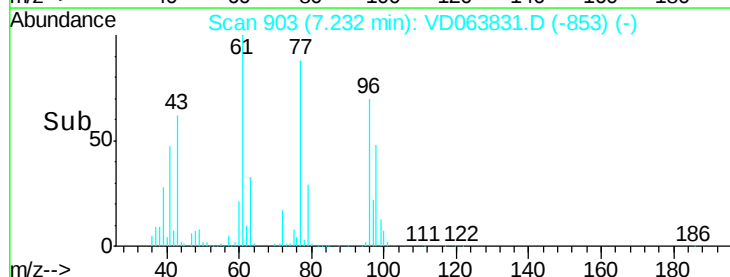
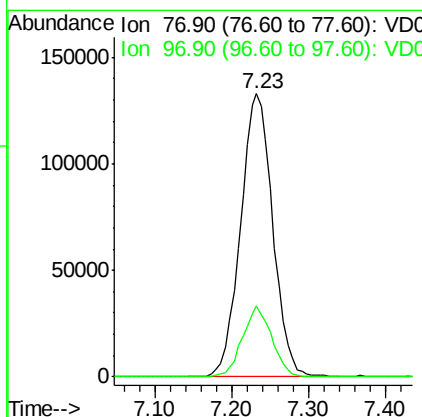
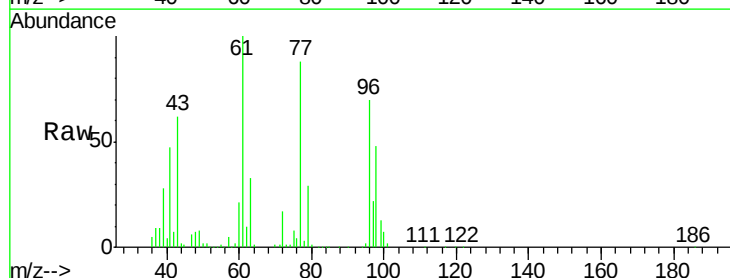
Acq: 25 Sep 2019 19:15

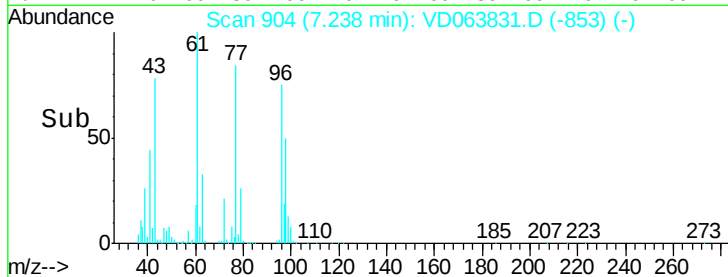
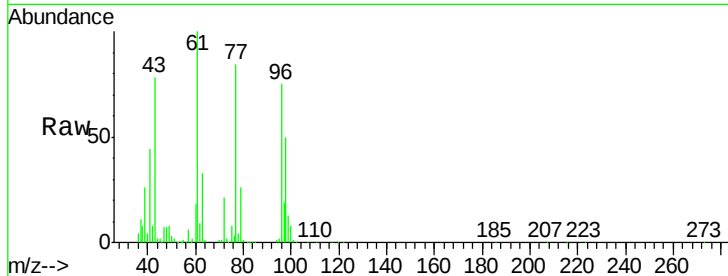
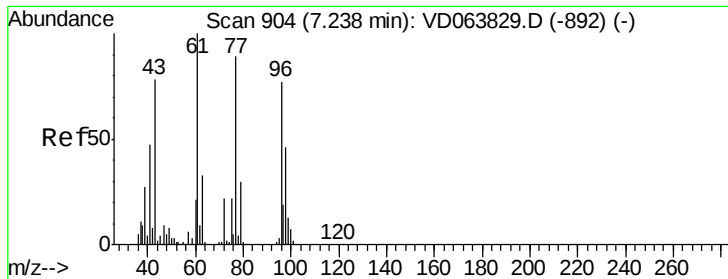
Tgt Ion: 77 Resp: 387877

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.7





#27

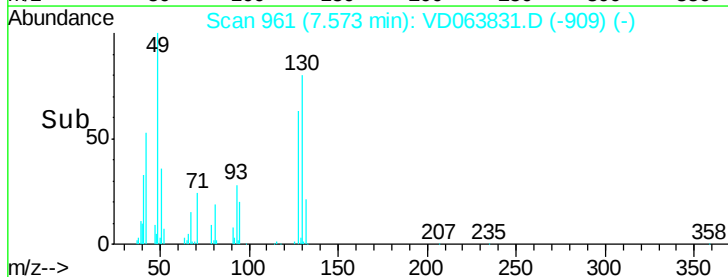
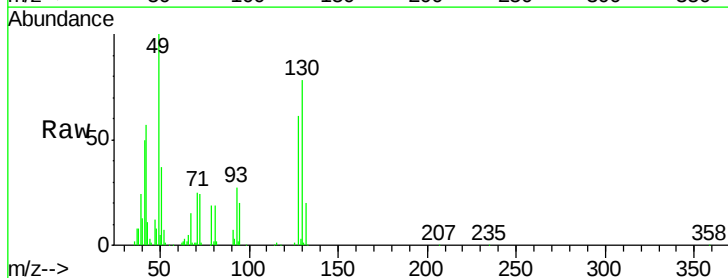
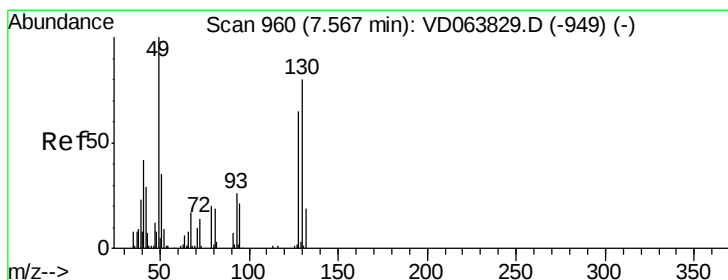
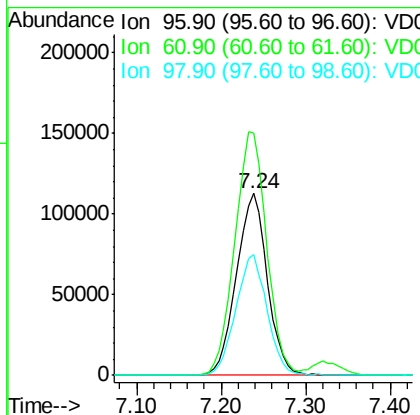
cis-1,2-Dichloroethene
Concen: 96.316 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tot Ion	Ratio	Resp	Lower	Upper
96	100	286576		
61	137.6	0.0	275.6	
98	66.6	0.0	130.2	

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

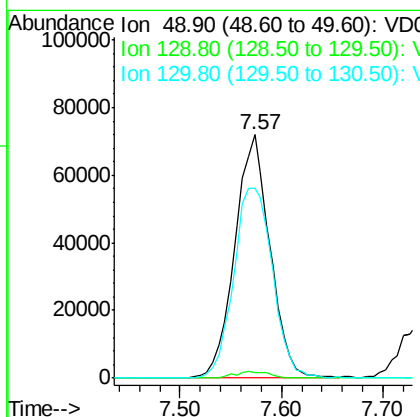
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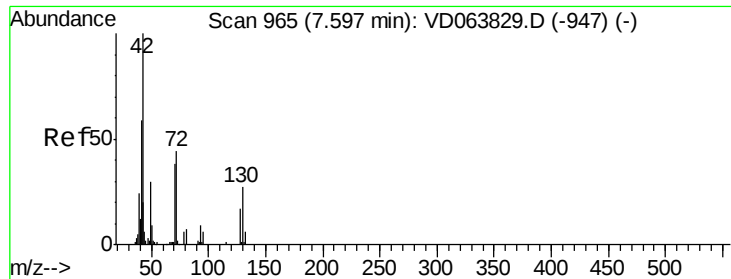


#28

Bromochloromethane
Concen: 97.703 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	173223		
129	2.9	0.0	2.6#	
130	86.4	67.0	100.4	





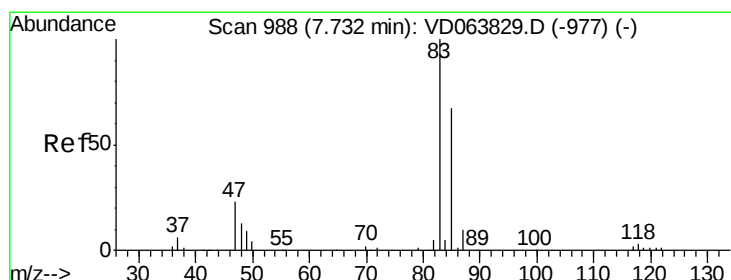
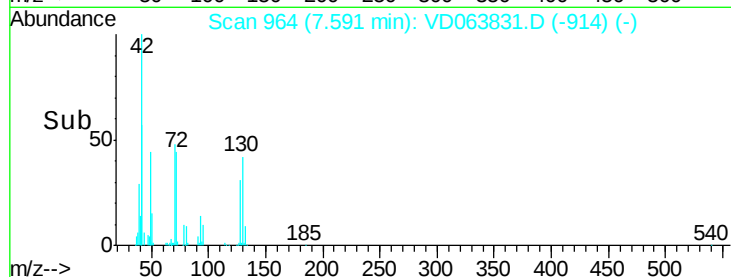
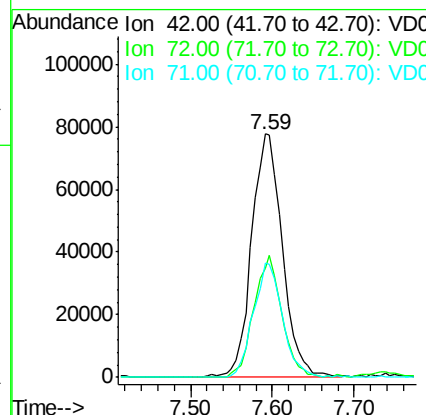
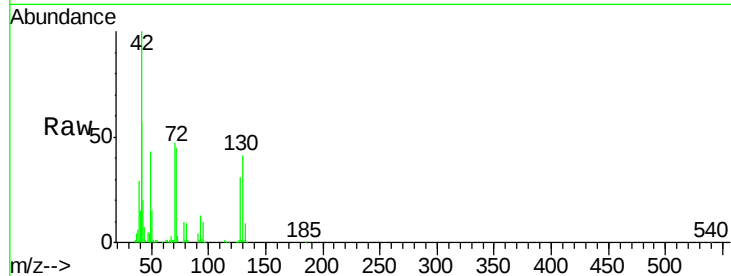
#29
Tetrahydrofuran
Concen: 461.503 ug/l
RT: 7.59 min Scan# 964
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.3	55.9
71	44.5	33.4	50.2

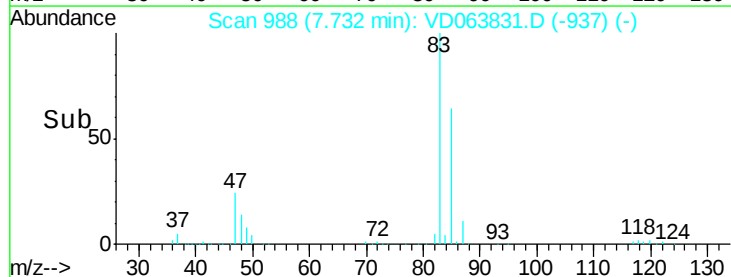
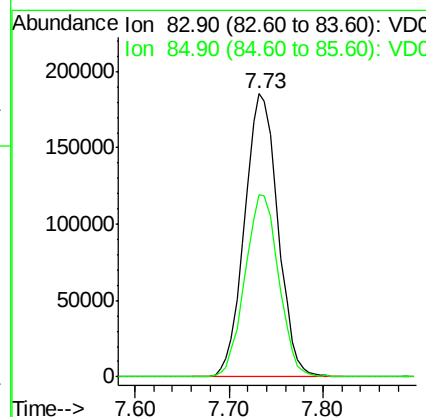
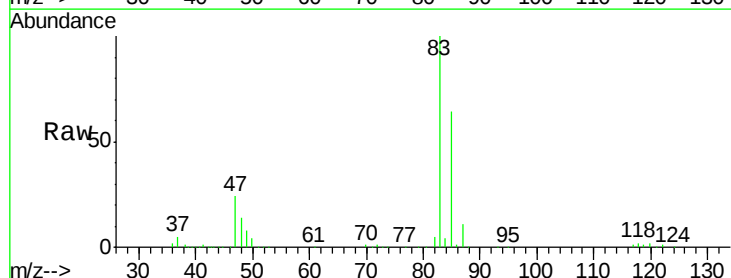
Manual Integrations
APPROVED

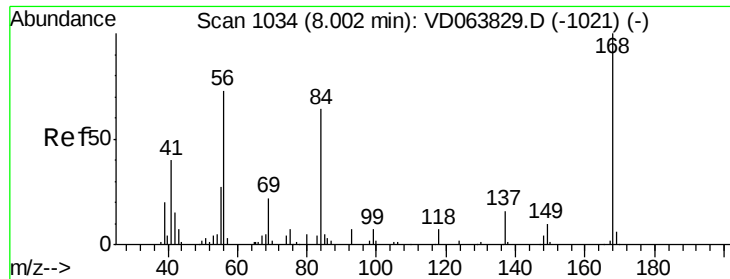
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#30
Chloroform
Concen: 93.016 ug/l
RT: 7.73 min Scan# 988
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.4	80.2





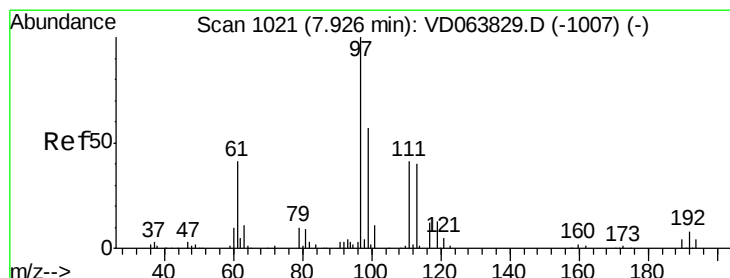
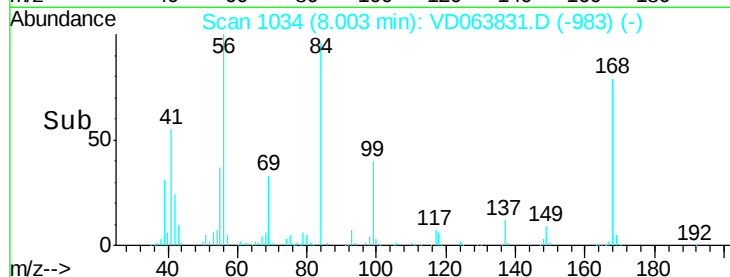
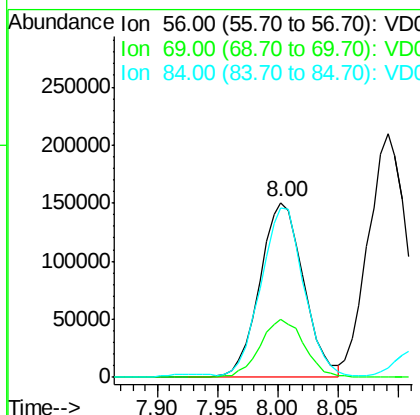
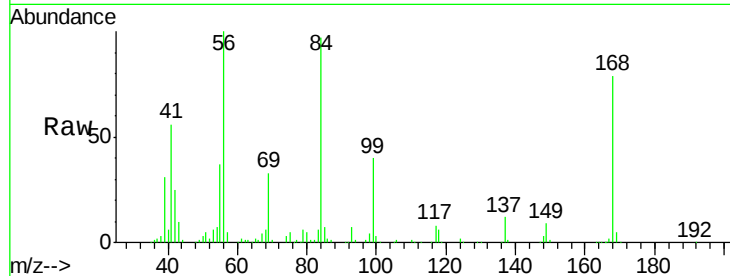
#31
Cyclohexane
Concen: 83.778 ug/l
RT: 8.00 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.1	34.7
84	95.3	69.7	104.5

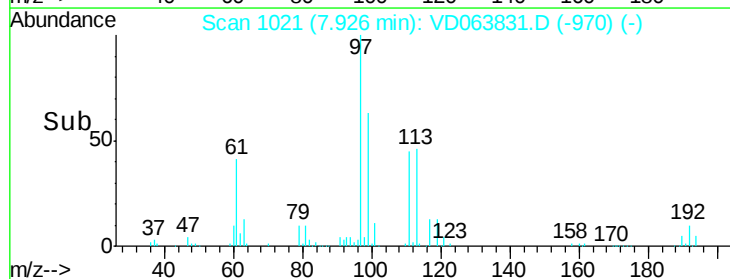
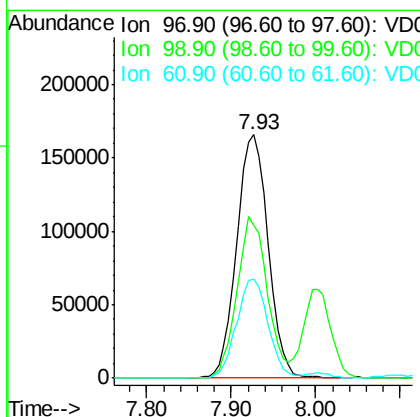
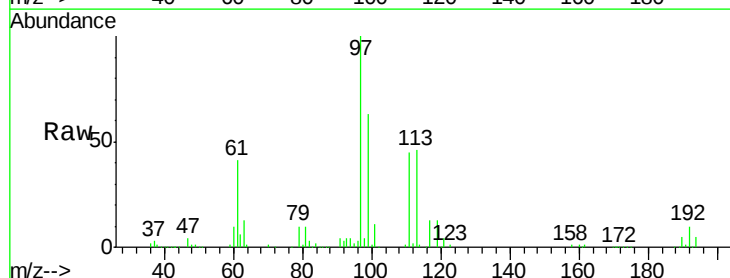
Manual Integrations
APPROVED

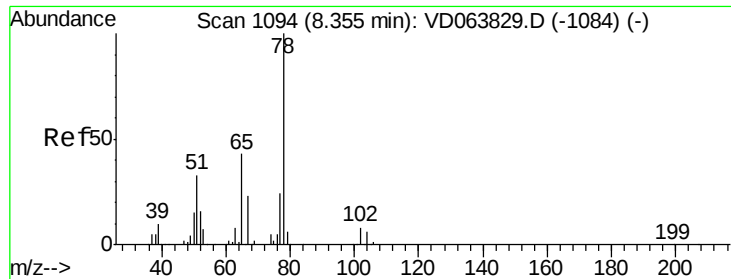
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#32
1,1,1-Trichloroethane
Concen: 96.504 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.9	79.3
61	40.8	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 100.090 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 251425

Ion Ratio Lower Upper

65 100

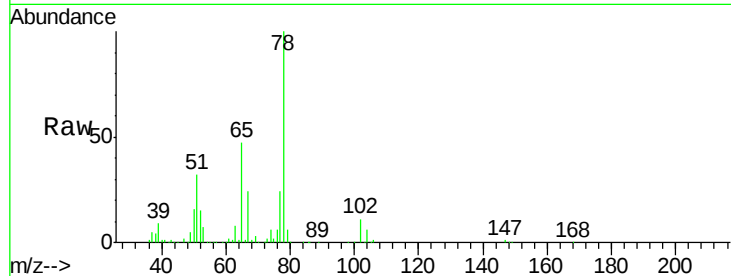
67 52.3 0.0 107.4

Manual Integrations

APPROVED

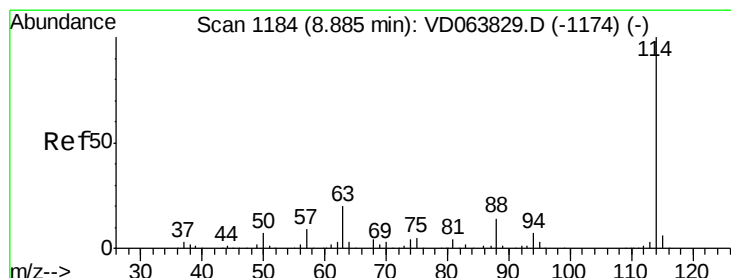
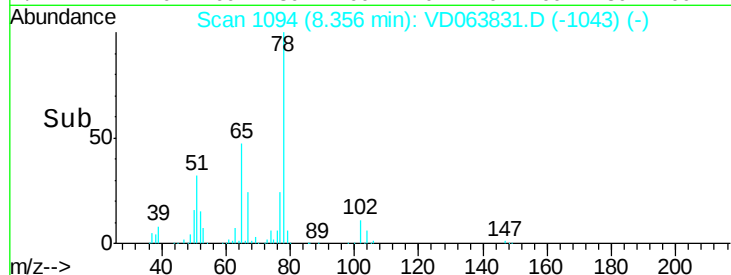
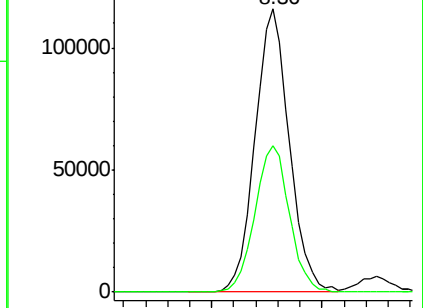
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.88 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

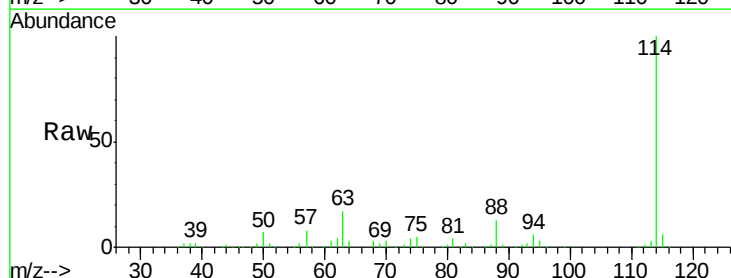
Tgt Ion: 114 Resp: 419513

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.2

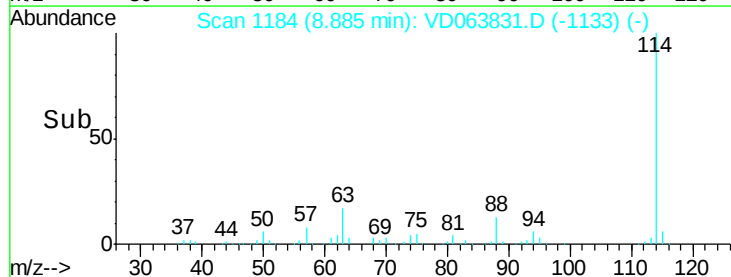
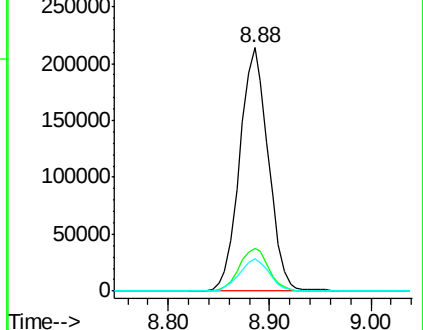
88 13.5 0.0 28.4

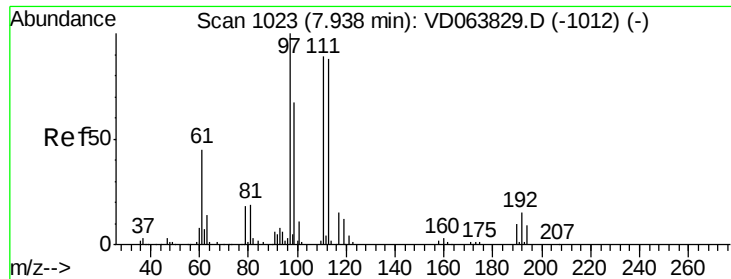


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





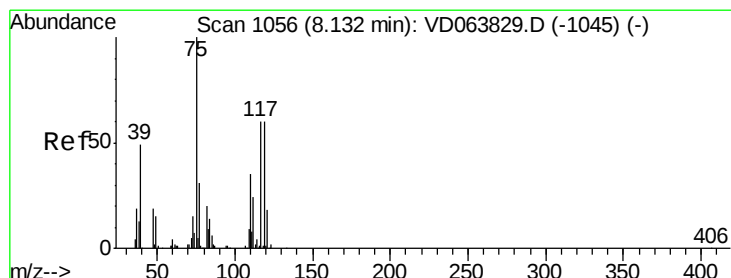
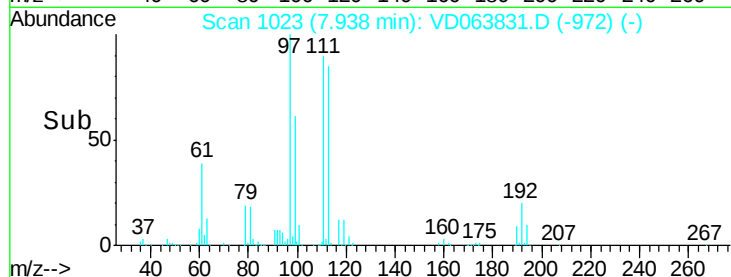
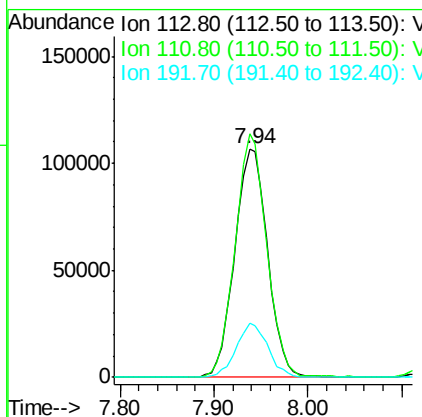
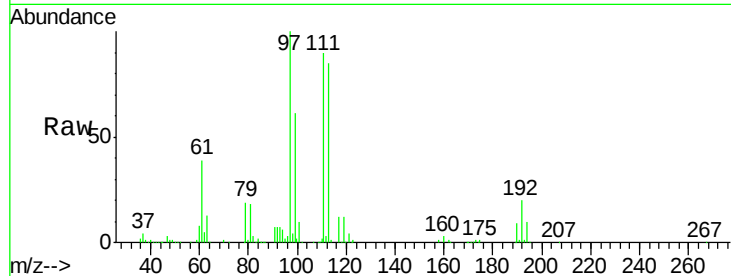
#35
Dibromofluoromethane
Concen: 97.163 ug/l
RT: 7.94 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	258755		
111	102.0		77.7	116.5
192	22.6		15.9	23.9

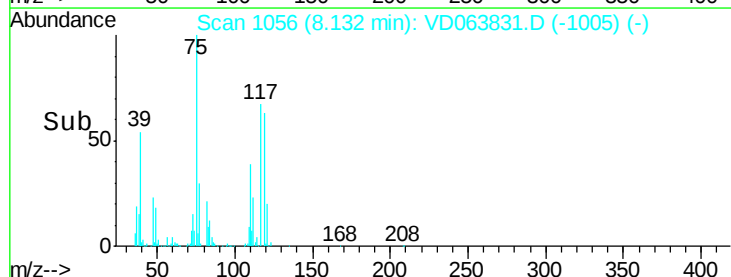
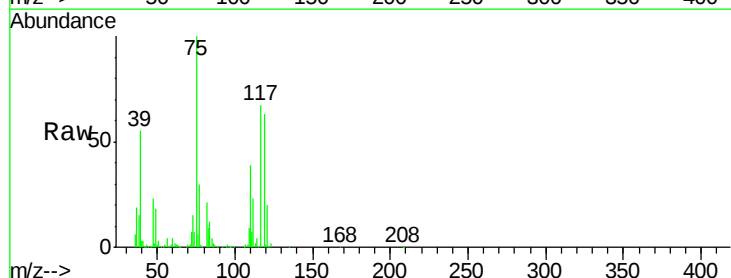
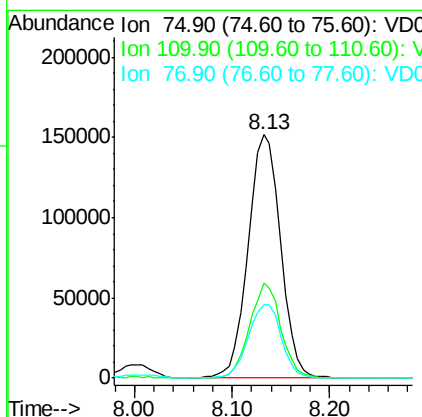
Manual Integrations
APPROVED

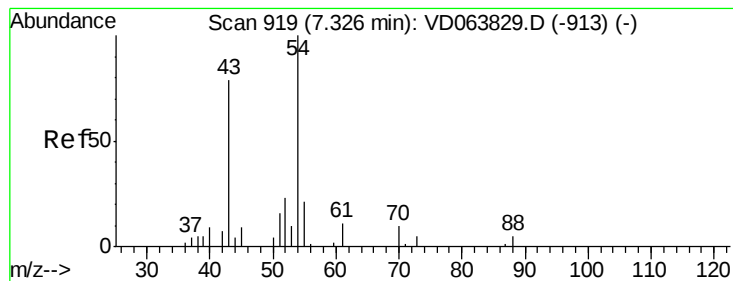
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#36
1,1-Dichloropropene
Concen: 92.359 ug/l
RT: 8.13 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	353417		
110	37.5		17.5	52.5
77	31.0		24.9	37.3





#37

Ethyl Acetate

Concen: 89.664 ug/l

RT: 7.32 min Scan# 918

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

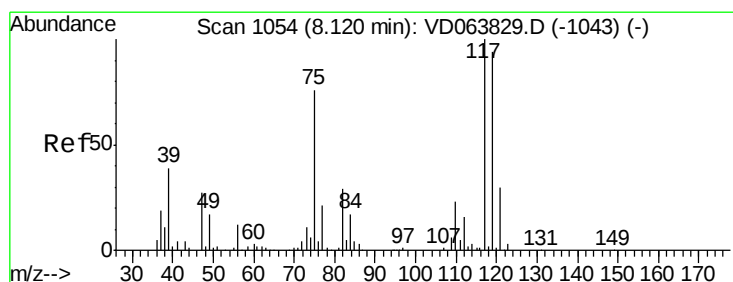
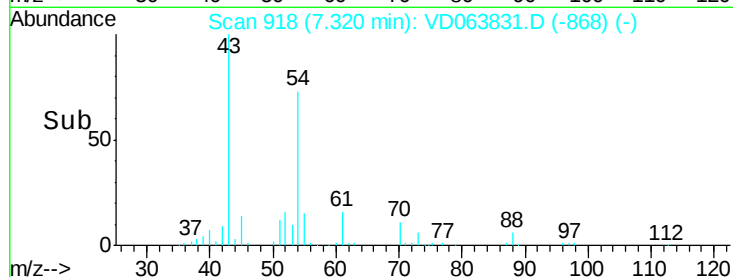
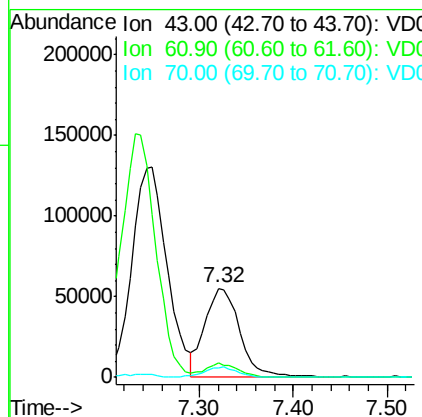
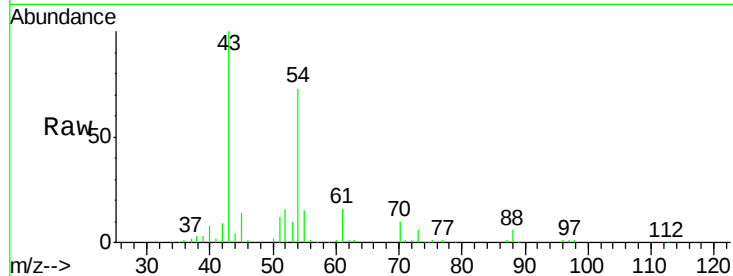
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	143296
Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.7	19.1
70	10.8	8.3	12.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 97.328 ug/l

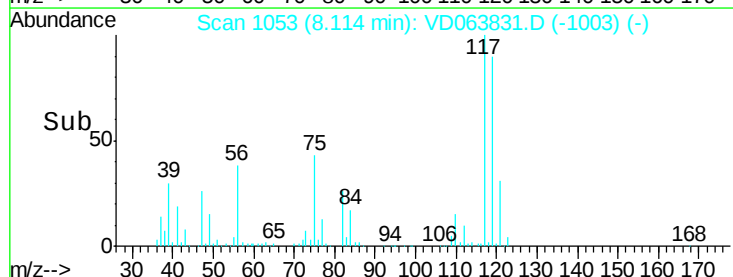
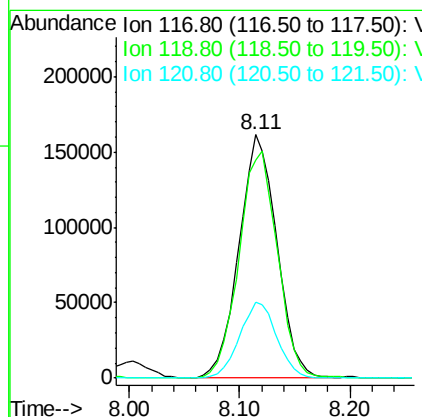
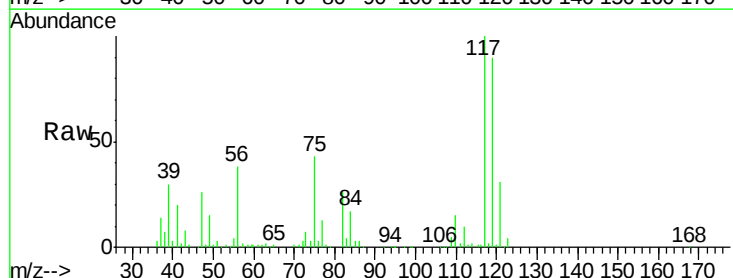
RT: 8.11 min Scan# 1053

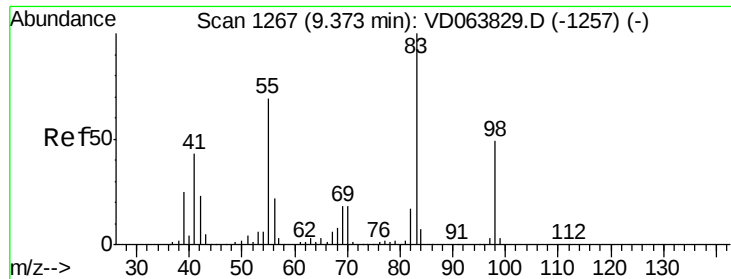
Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	117	Resp:	387637
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.2	112.8
121	31.4	23.9	35.9





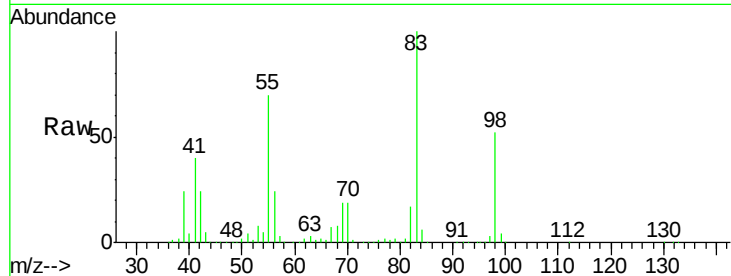
#39
Methvlcvclohexane
Concen: 94.935 ug/l
RT: 9.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

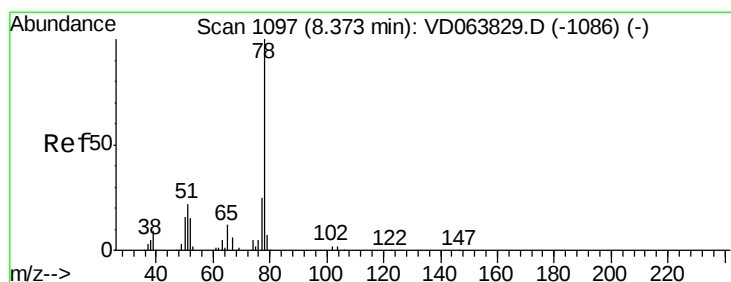
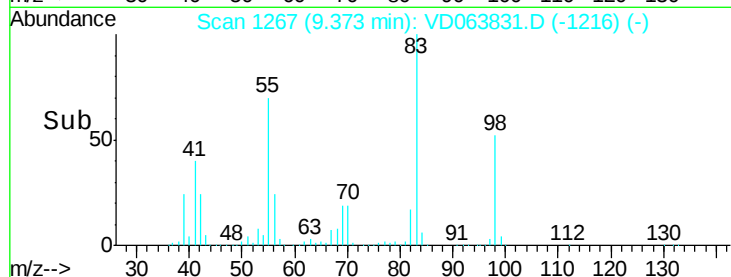
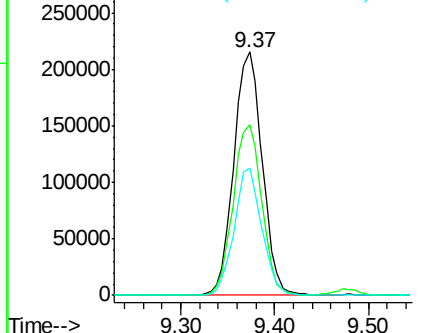
Tot Ion	Ratio	Resp	Lower	Upper
83	100	452340		
55	70.0		54.9	82.3
98	52.0		39.0	58.6

Manual Integrations
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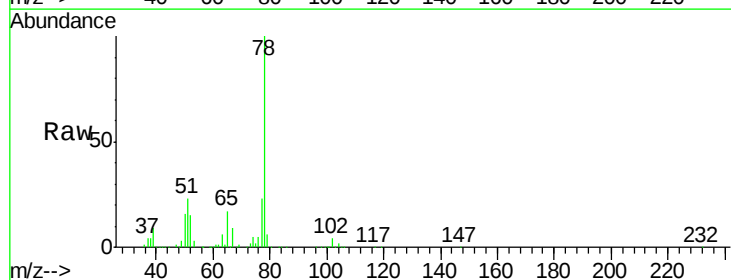


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

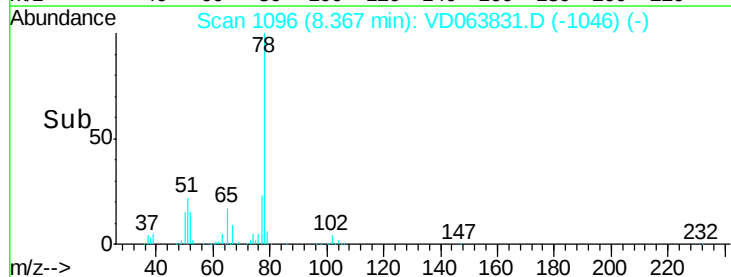
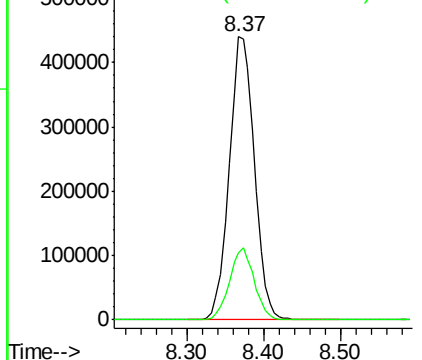


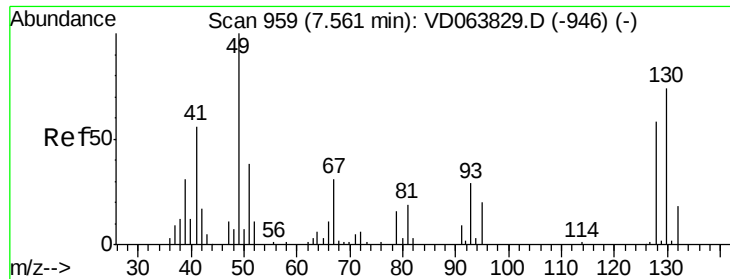
#40
Benzene
Concen: 95.398 ug/l
RT: 8.37 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1005345		
77	23.5		19.8	29.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





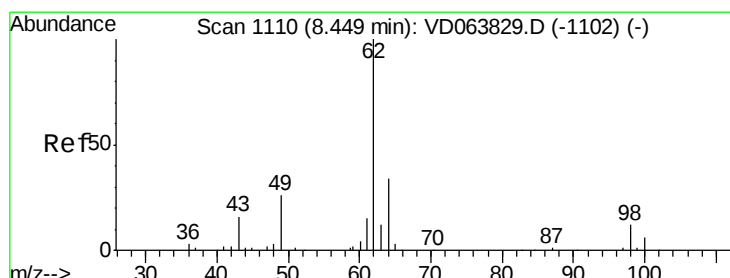
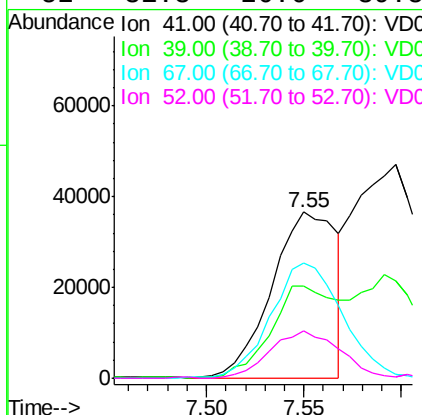
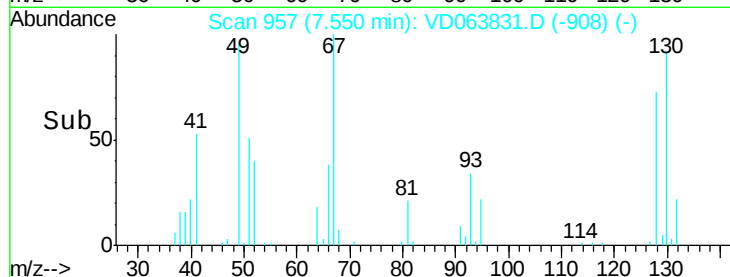
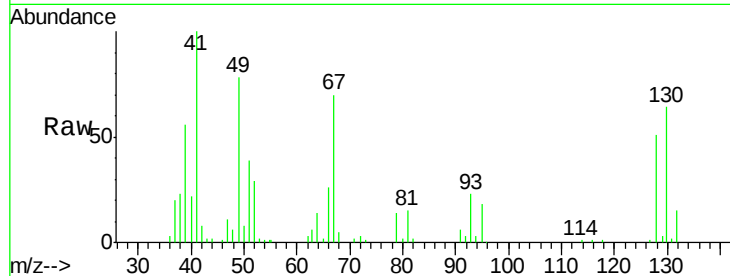
#41
Methacrylonitrile
Concen: 89.355 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	84339
Ion	Ratio	Lower	Upper
41	100		
39	62.1	52.2	78.4
67	76.9	58.6	87.8
52	31.3	26.6	39.8

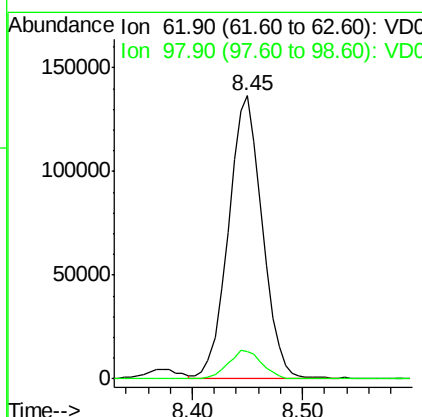
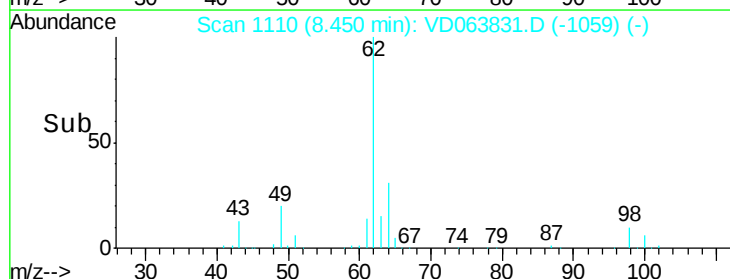
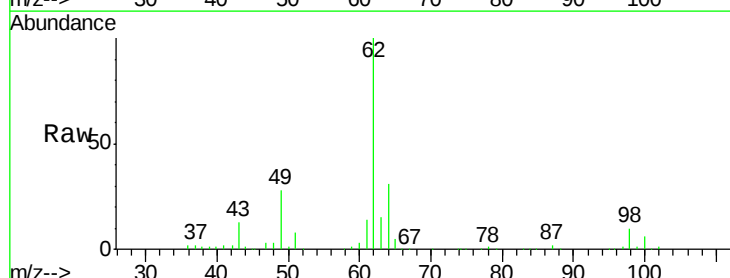
Manual Integrations
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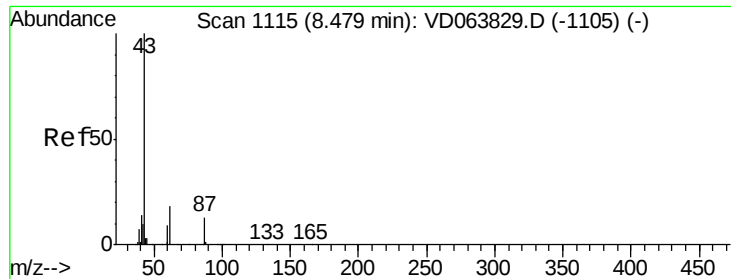
MMDadoda
10/1/2019 9:26:18 AM



#42
1,2-Dichloroethane
Concen: 95.009 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion:	62	Resp:	292786
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





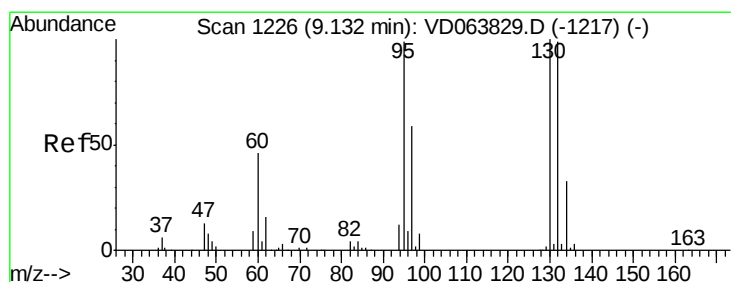
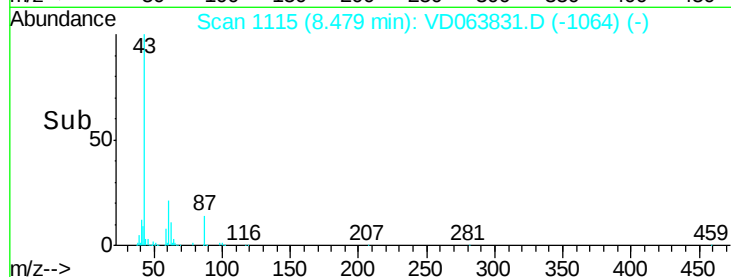
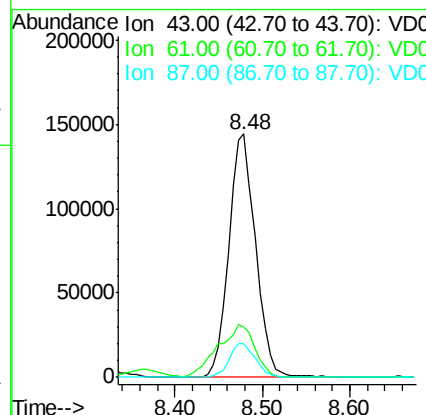
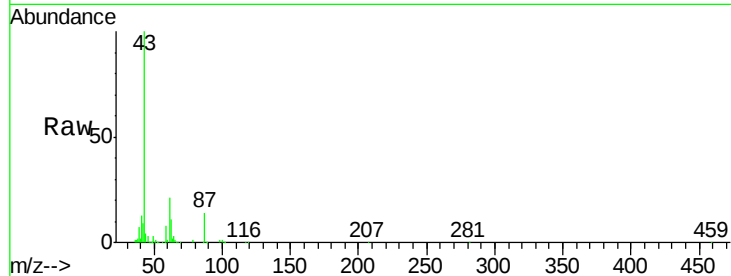
#43
Isopropyl Acetate
Concen: 92.734 ug/l
RT: 8.48 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.6	37.0
87	13.8	10.5	15.7

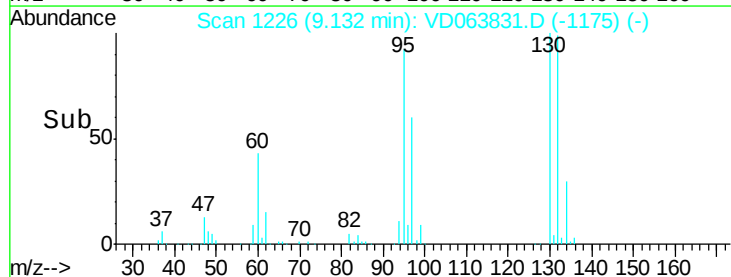
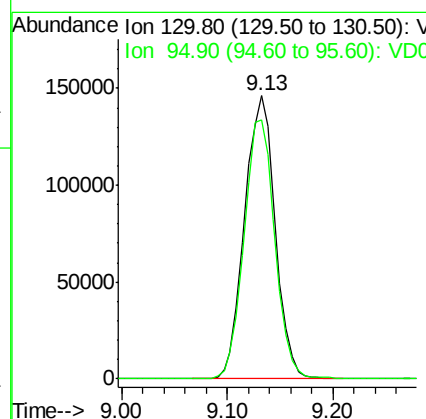
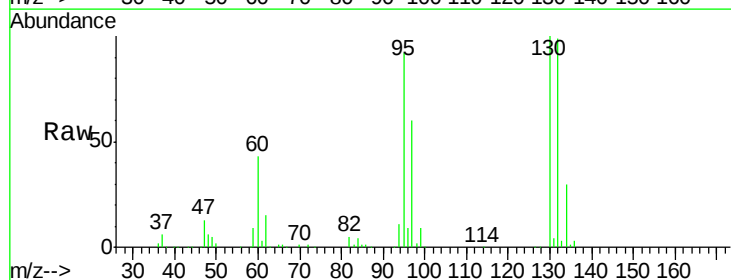
Manual Integrations
APPROVED

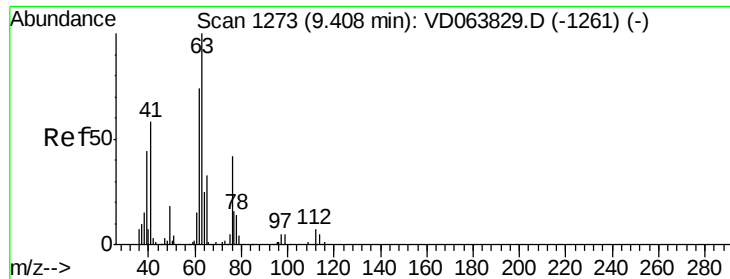
MMDadoda
10/1/2019 9:26:18 AM



#44
Trichloroethene
Concen: 96.518 ug/l
RT: 9.13 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	198.6





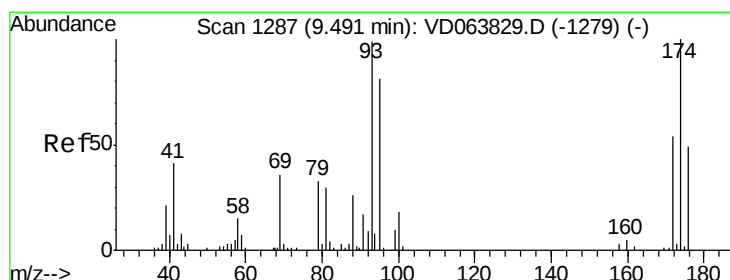
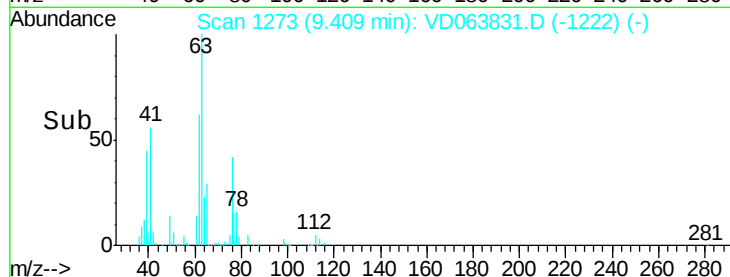
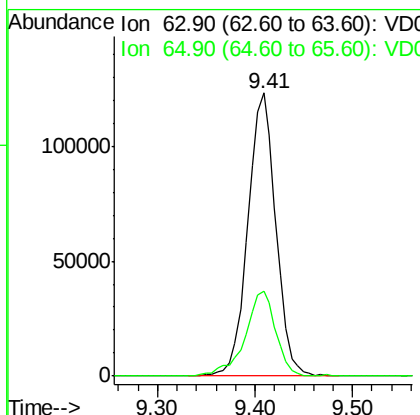
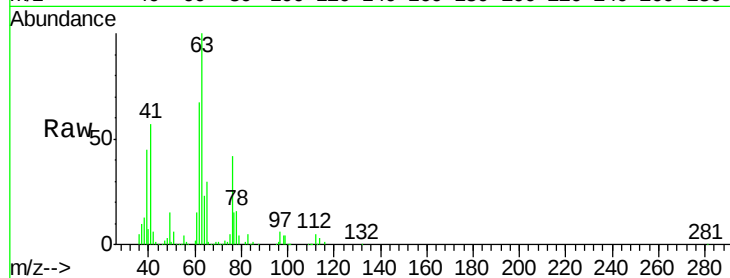
#45
 1,2-Dichloropropane
 Concen: 95.174 ug/l
 RT: 9.41 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	26.8	40.2

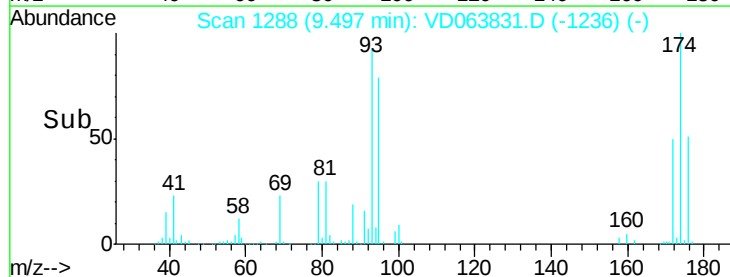
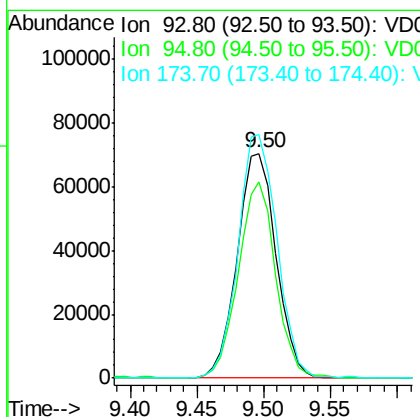
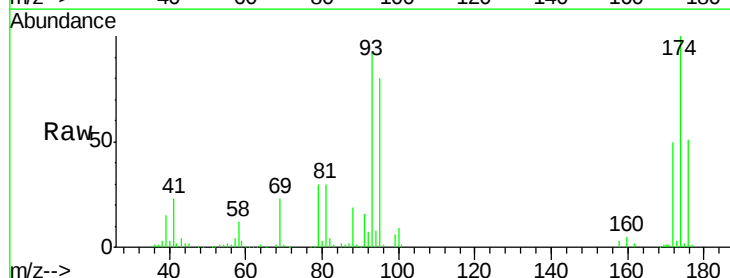
Manual Integrations
 APPROVED

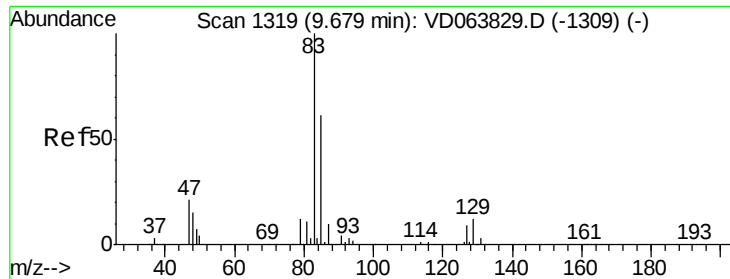
MMDadoda
 10/1/2019 9:26:18 AM



#46
 Dibromomethane
 Concen: 96.810 ug/l
 RT: 9.50 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	63.8	95.8
174	108.8	84.2	126.2





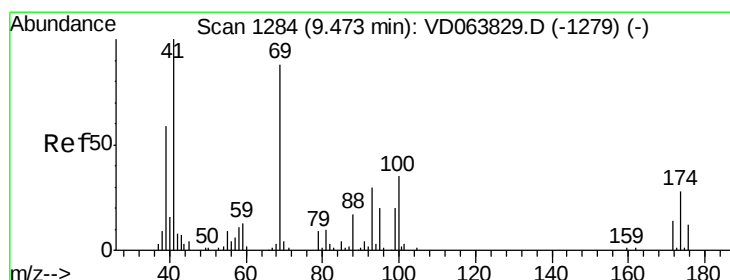
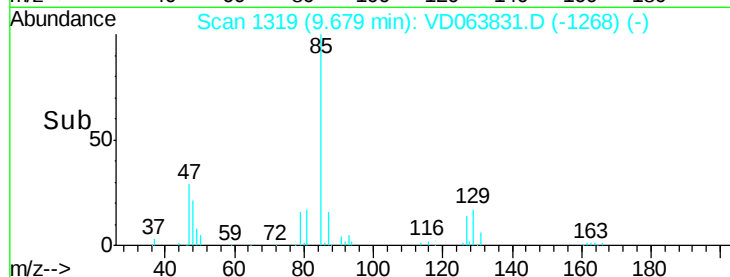
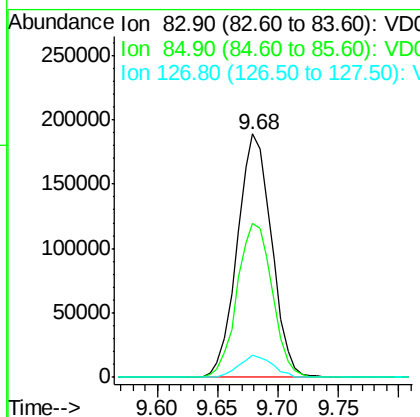
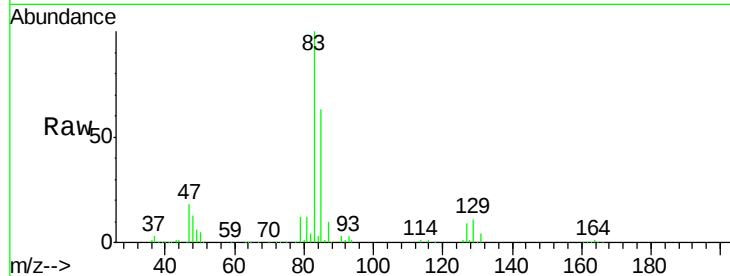
#47
Bromodichloromethane
Concen: 98.775 ug/l
RT: 9.68 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	374127		
85	63.2	48.6	73.0	
127	9.0	6.9	10.3	

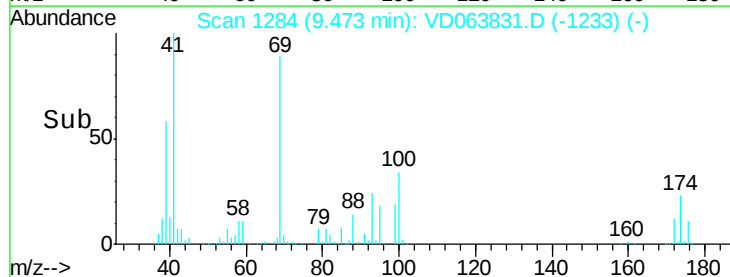
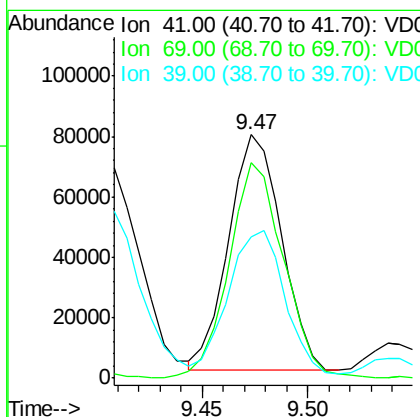
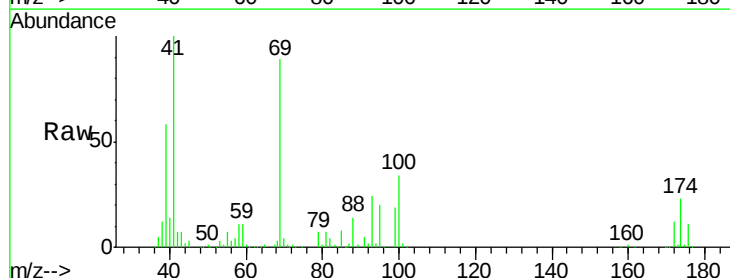
Manual Integrations
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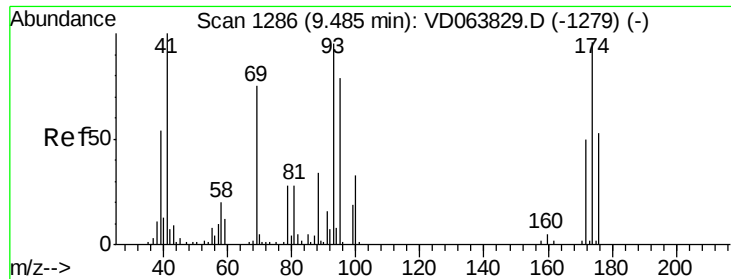
MMDadoda
10/1/2019 9:26:18 AM



#48
Methyl methacrylate
Concen: 92.914 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	135393		
69	95.5	71.7	107.5	
39	68.4	51.7	77.5	





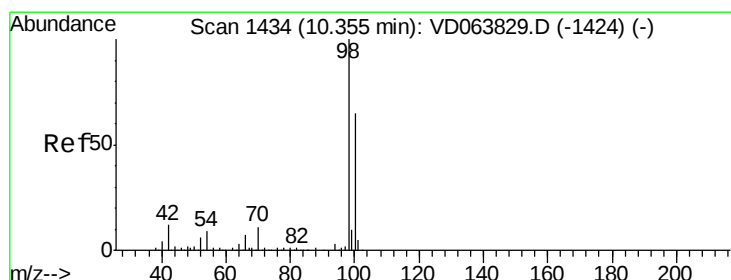
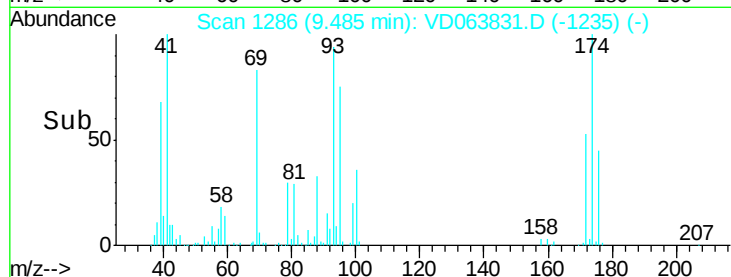
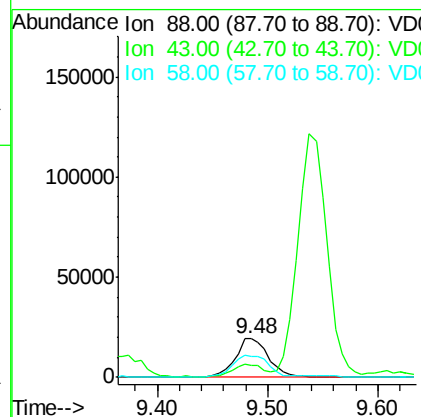
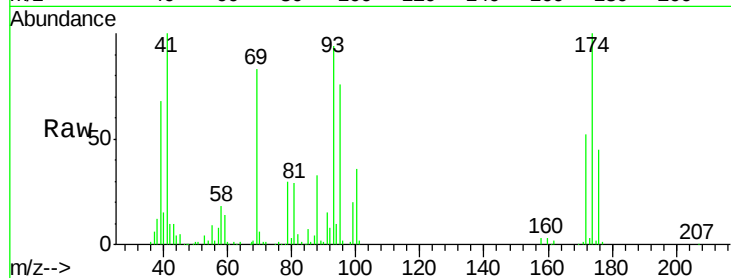
#49
 1,4-Dioxane
 Concen: 2011.901 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	88	Resp	41239
Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.8	38.6
58	64.9	55.9	83.9

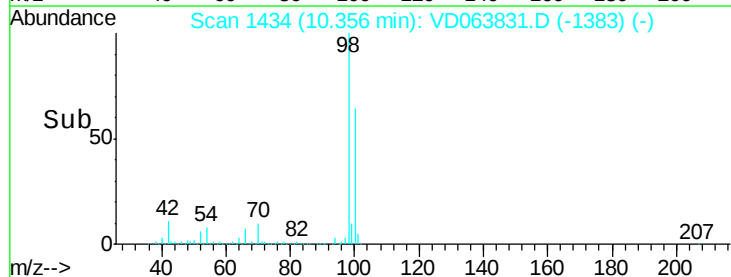
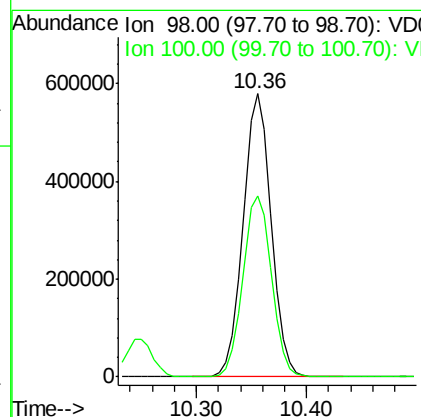
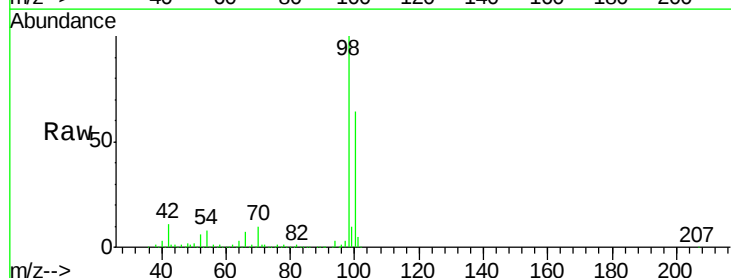
Manual Integrations
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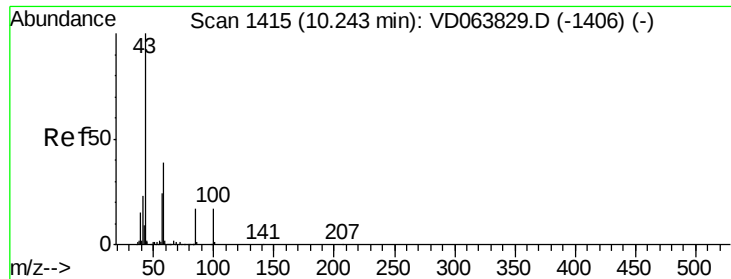
MMDadoda
 10/1/2019 9:26:18 AM



#50
 Toluene-d8
 Concen: 103.537 ug/l
 RT: 10.36 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	98	Resp	1037914
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 470.829 ug/l

RT: 10.25 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 759931

Ion Ratio Lower Upper

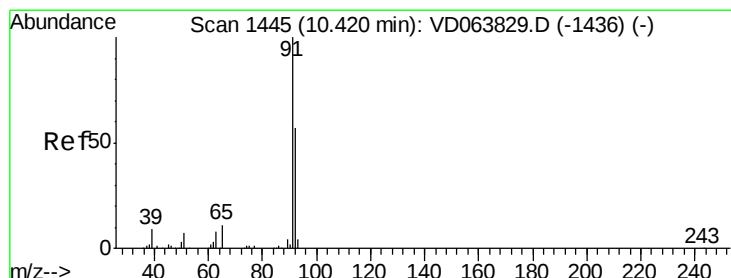
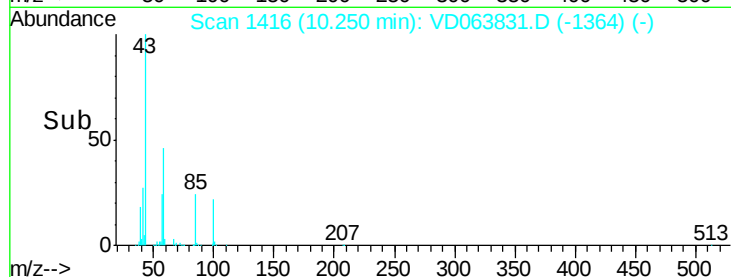
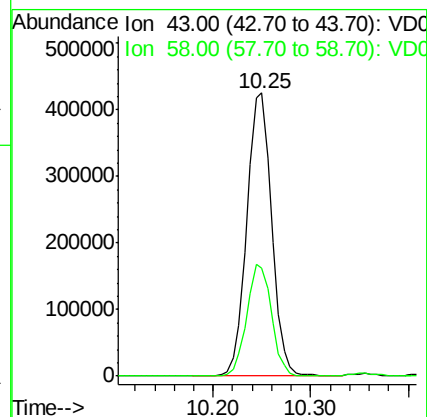
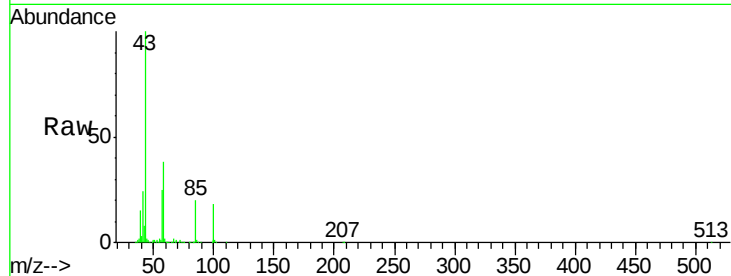
43 100

58 39.3 30.9 46.3

Manual Integrations
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10/1/2019 9:26:18 AM



#52

Toluene

Concen: 98.275 ug/l

RT: 10.42 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VD063831.D

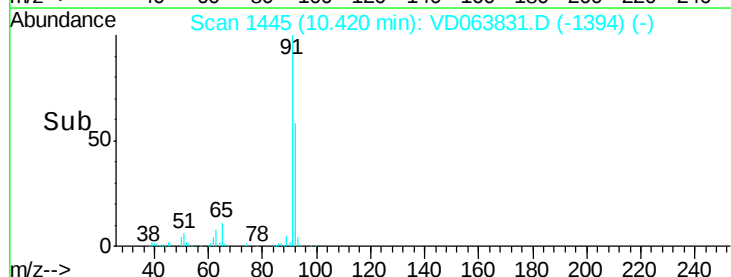
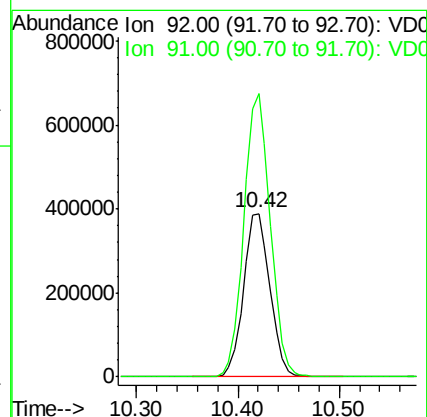
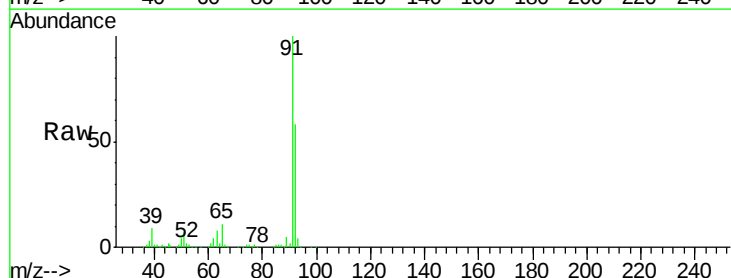
Acq: 25 Sep 2019 19:15

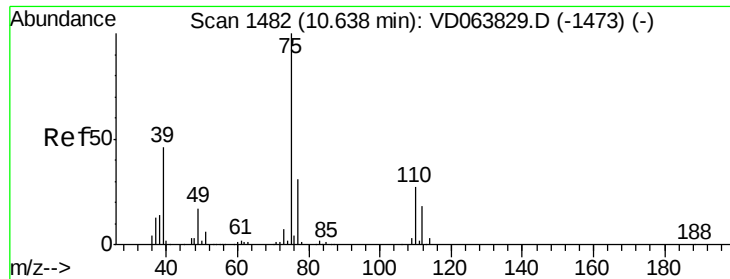
Tgt Ion: 92 Resp: 702235

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5





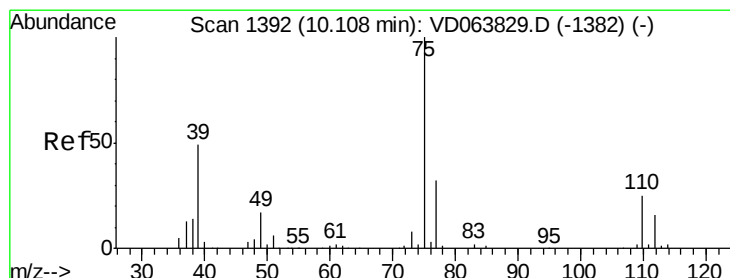
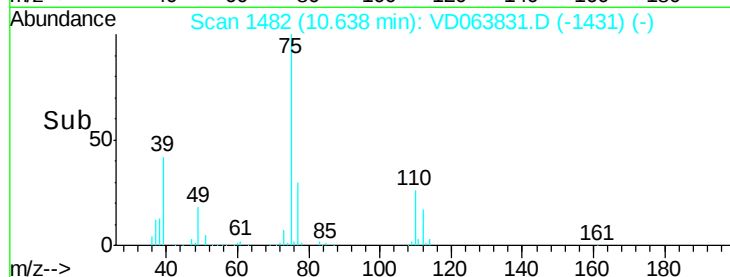
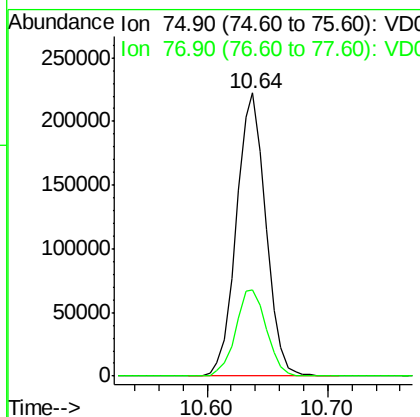
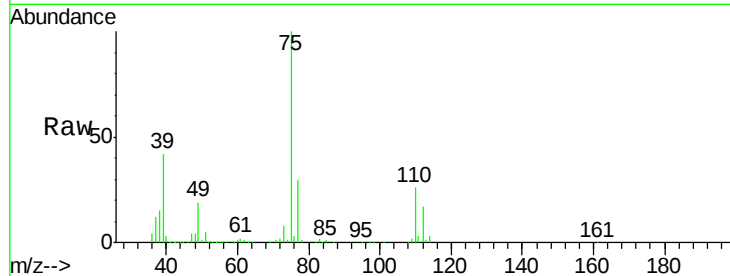
#53
 t-1,3-Dichloropropene
 Concen: 100.647 ug/l
 RT: 10.64 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 377870
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3

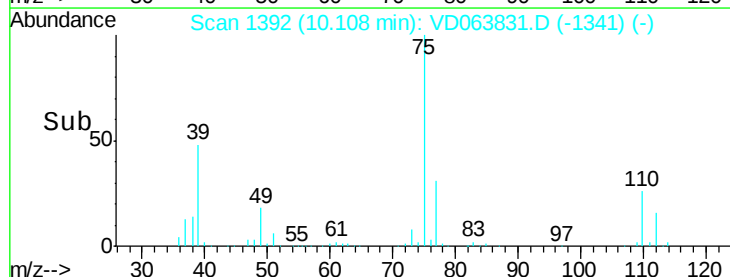
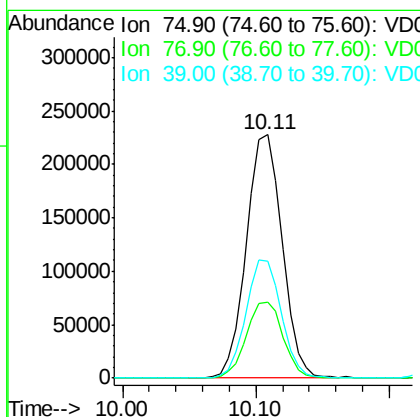
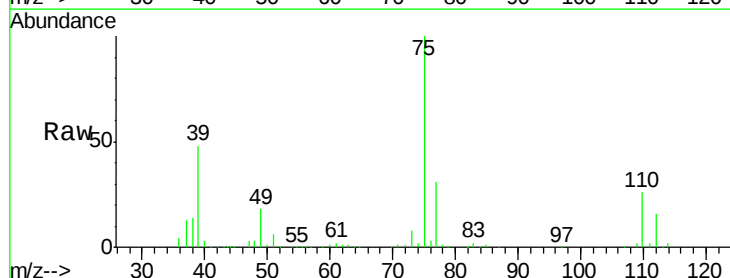
Manual Integrations
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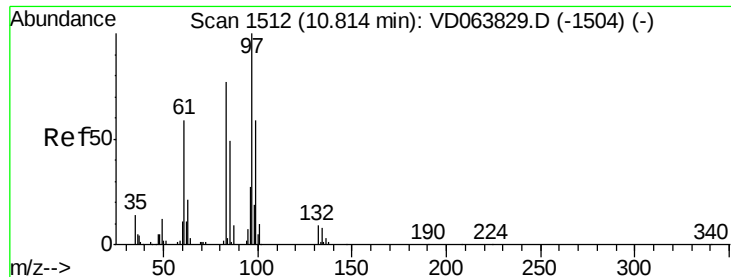
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#54
 cis-1,3-Dichloropropene
 Concen: 98.942 ug/l
 RT: 10.11 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion: 75 Resp: 421665
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 47.8 39.5 59.3





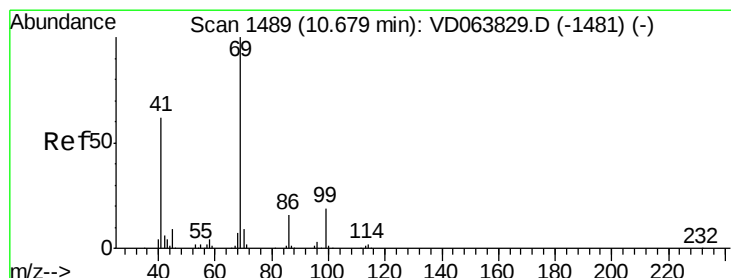
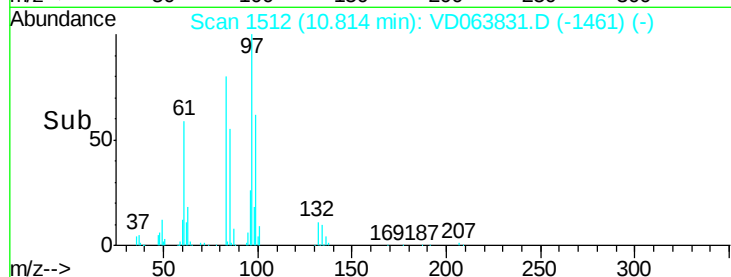
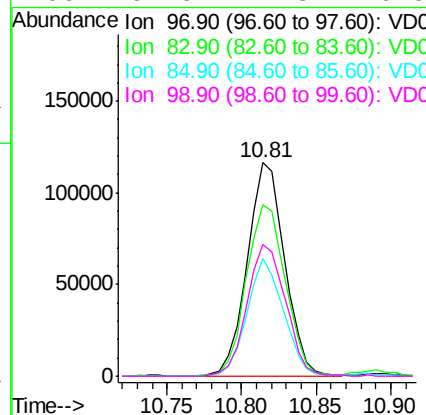
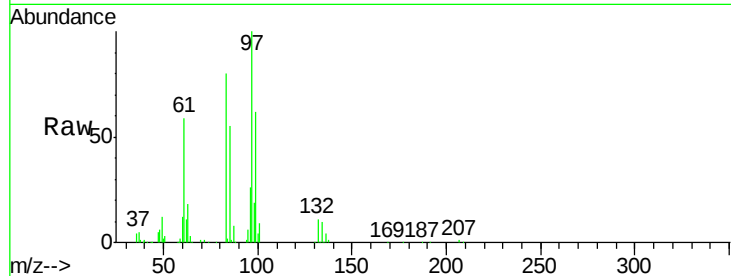
#55
 1,1,2-Trichloroethane
 Concen: 97.355 ug/l
 RT: 10.81 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	97	Resp	202126
Ion	Ratio	Lower	Upper
97	100		
83	80.4	61.9	92.9
85	55.0	39.4	59.2
99	61.6	47.3	70.9

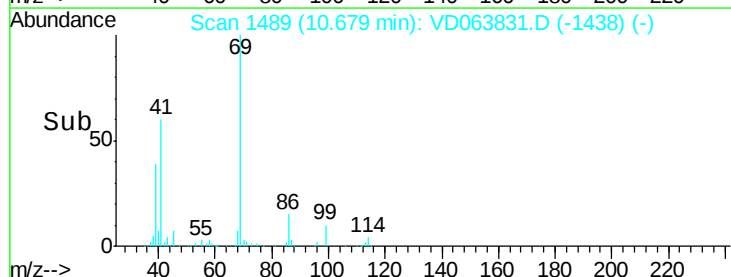
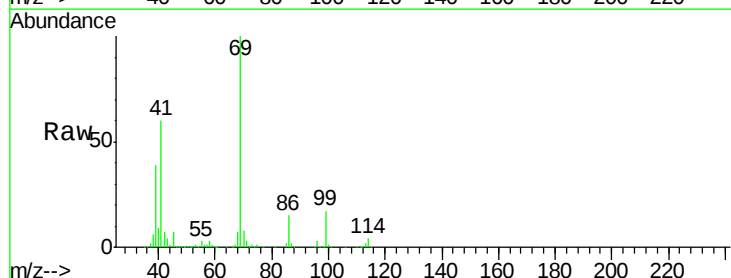
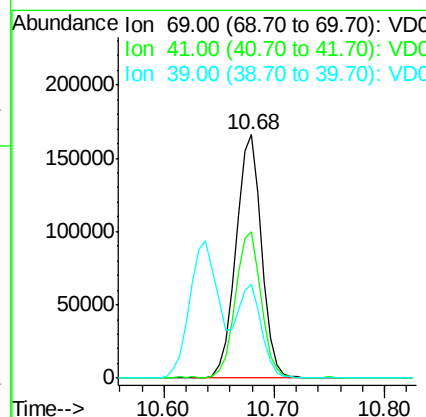
Manual Integrations
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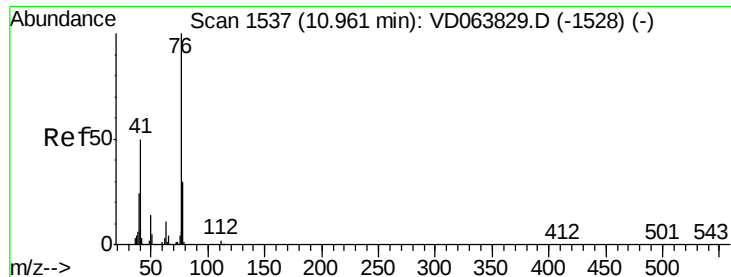
MMDadoda
 10/1/2019 9:26:18 AM



#56
 Ethyl methacrylate
 Concen: 102.666 ug/l
 RT: 10.68 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	69	Resp	270916
Ion	Ratio	Lower	Upper
69	100		
41	59.7	52.2	78.4
39	34.0	28.7	43.1





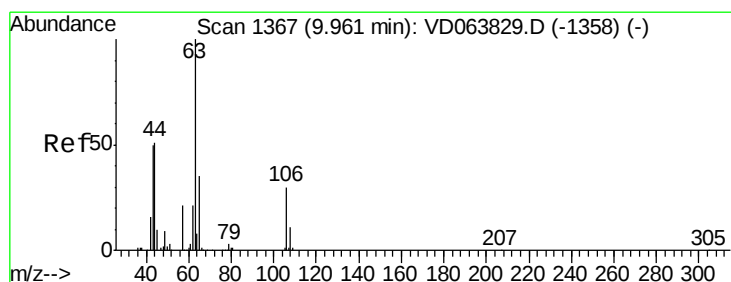
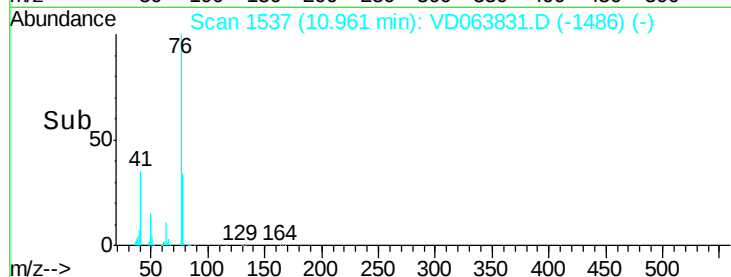
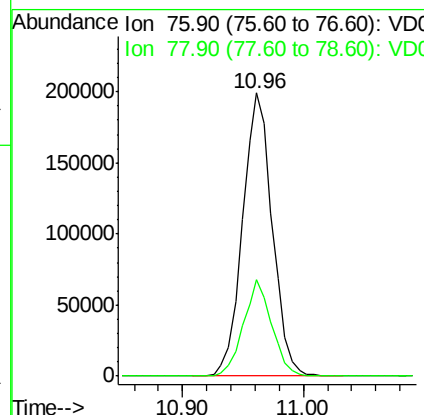
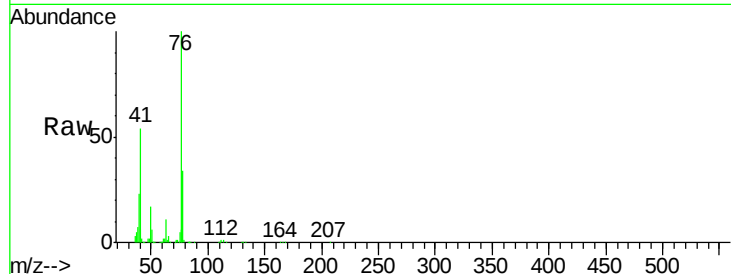
#57
 1,3-Dichloropropane
 Concen: 96.397 ug/l
 RT: 10.96 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 340058
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

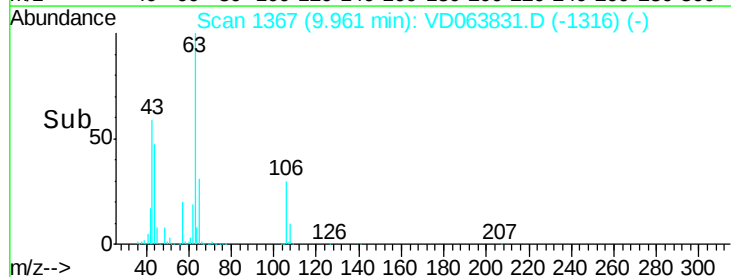
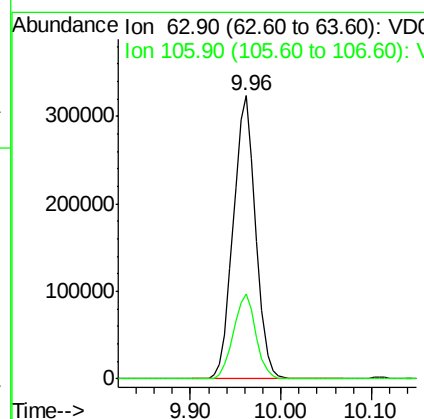
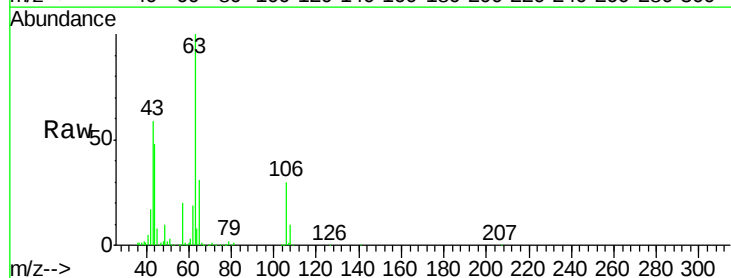
Manual Integrations
 APPROVED

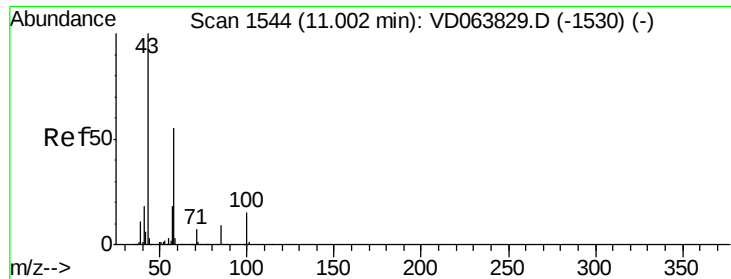
MMDadoda
 10/1/2019 9:26:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 471.276 ug/l
 RT: 9.96 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion: 63 Resp: 555830
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.4 35.0





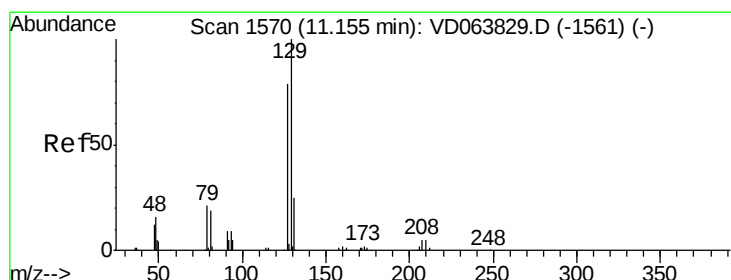
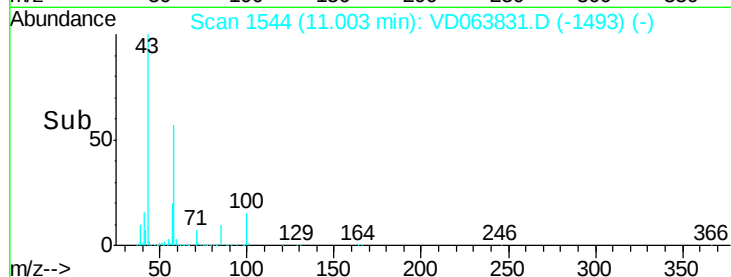
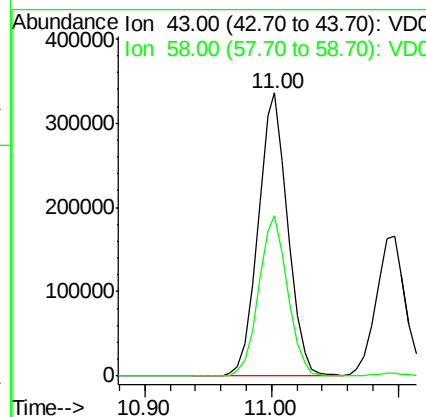
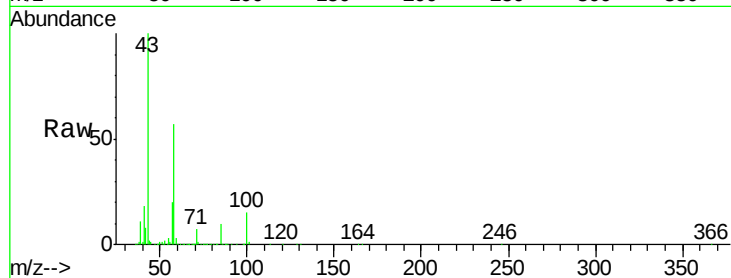
#59
2-Hexanone
Concen: 472.803 ug/l
RT: 11.00 min Scan# 1544
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 544487
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7

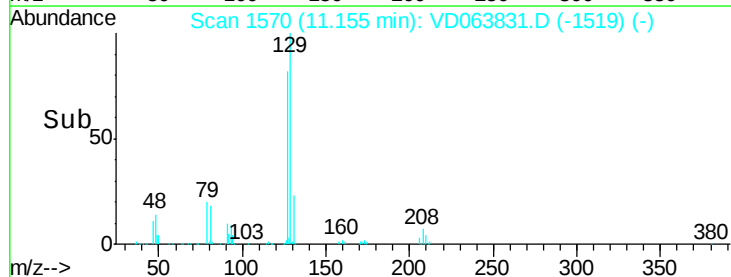
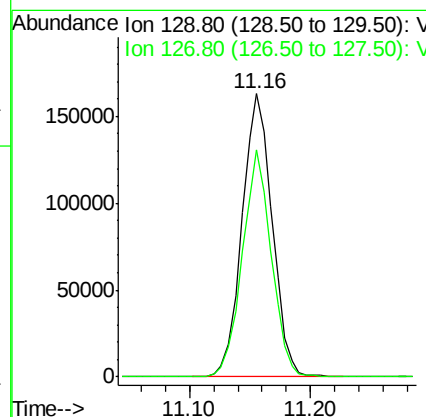
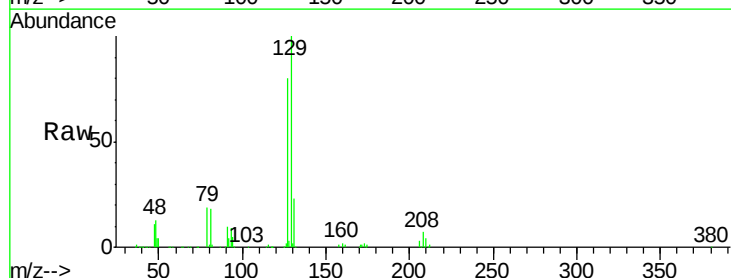
Manual Integrations
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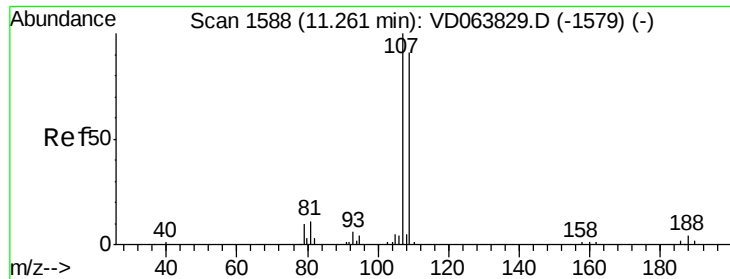
MMDadoda
10/1/2019 9:26:18 AM



#60
Dibromochloromethane
Concen: 103.580 ug/l
RT: 11.16 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion: 129 Resp: 283795
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





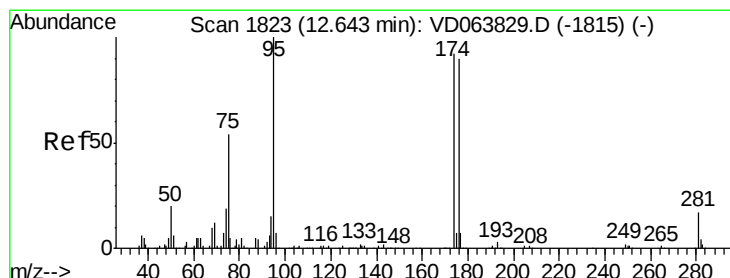
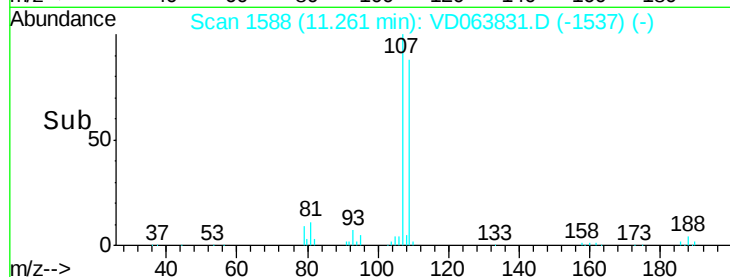
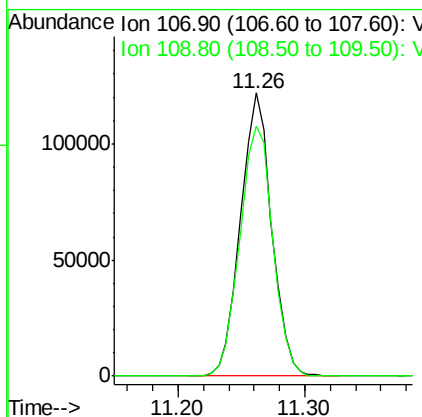
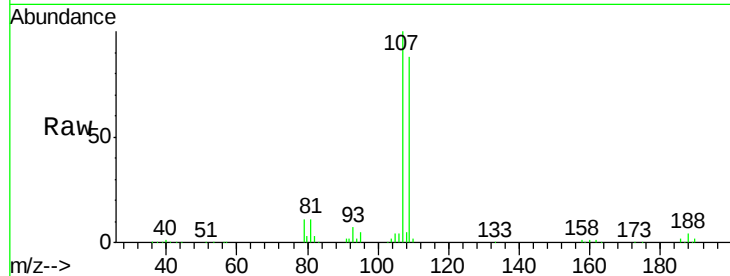
#61
 1,2-Dibromoethane
 Concen: 100.298 ug/l
 RT: 11.26 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208170		
109	94.0	74.9	112.3	

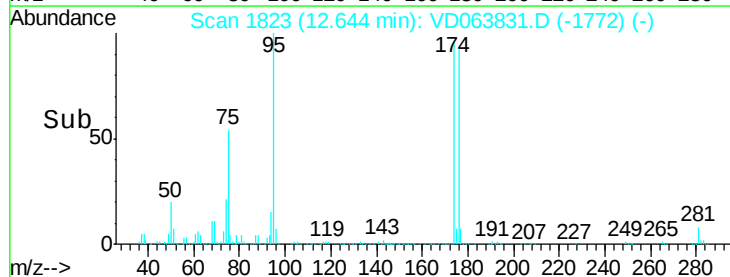
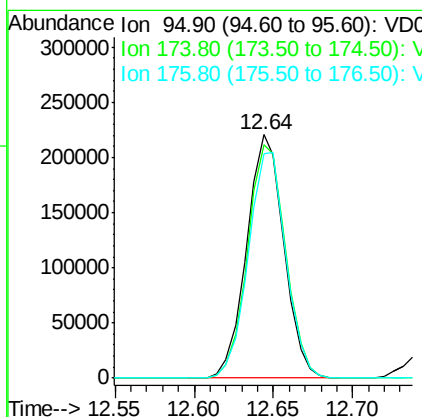
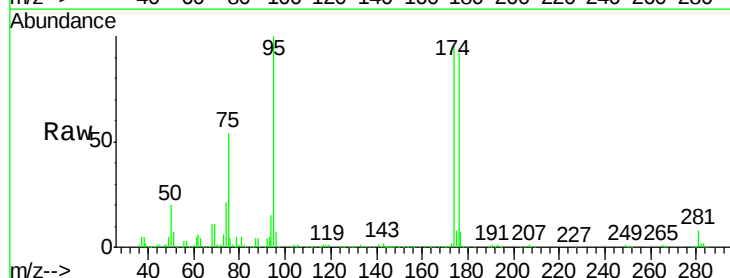
Manual Integrations
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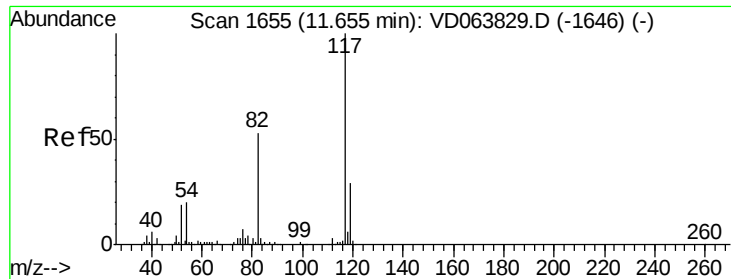
MMDadoda
 10/1/2019 9:26:18 AM



#62
 4-Bromofluorobenzene
 Concen: 99.864 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	359265		
174	98.0	0.0	183.2	
176	94.4	0.0	177.4	





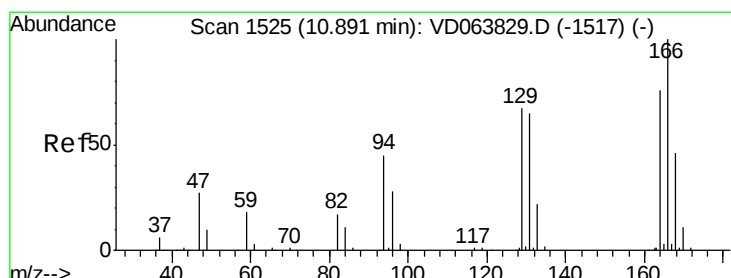
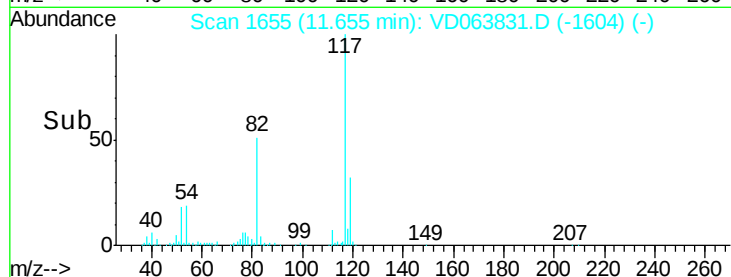
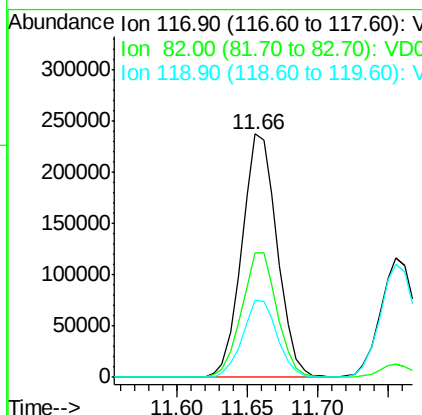
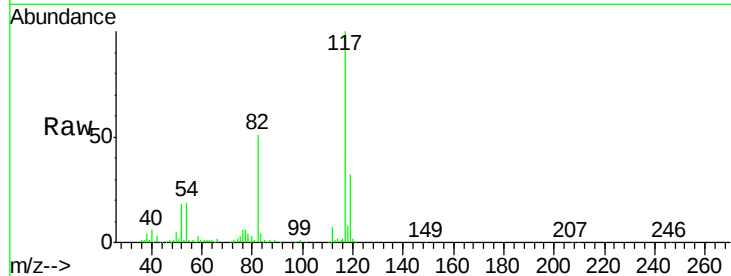
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415436		
82	51.3	42.4	63.6	
119	31.8	23.5	35.3	

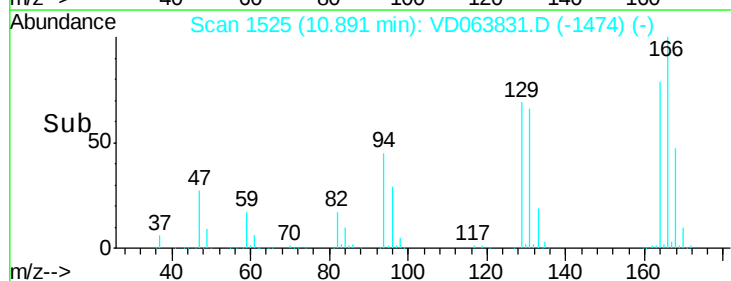
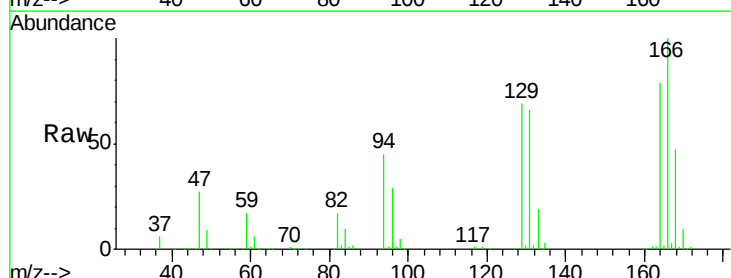
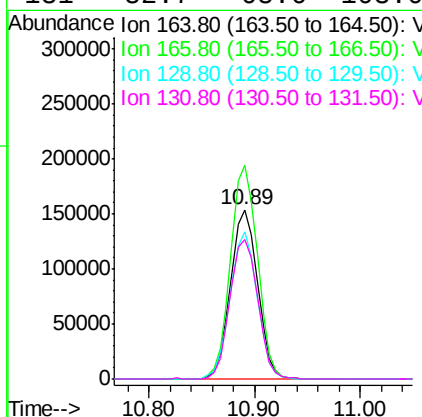
Manual Integrations
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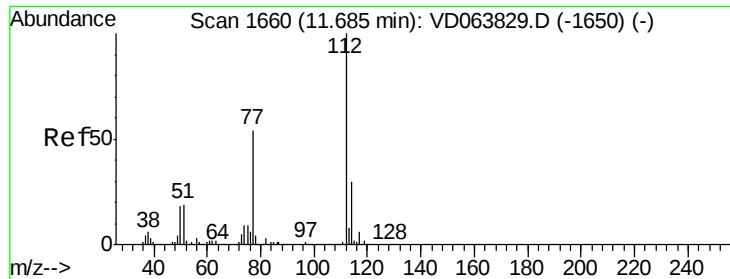
MMDadoda
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#64
Tetrachloroethene
Concen: 97.296 ug/l
RT: 10.89 min Scan# 1525
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272273		
166	126.3	105.5	158.3	
129	86.8	70.2	105.4	
131	82.7	68.6	103.0	





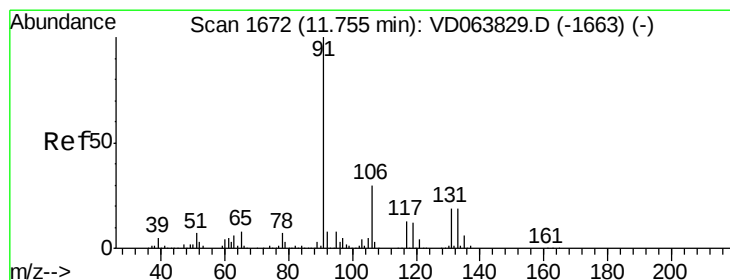
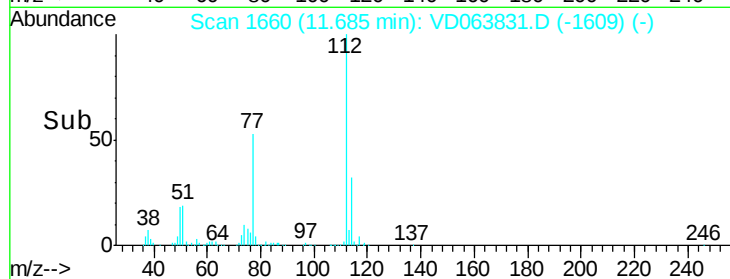
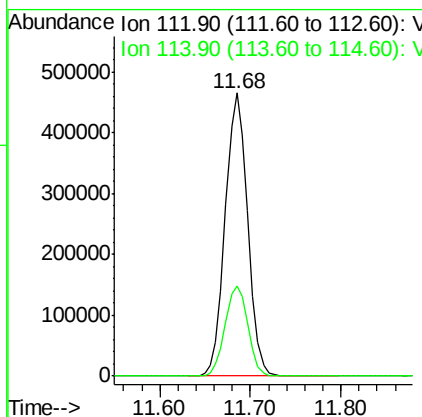
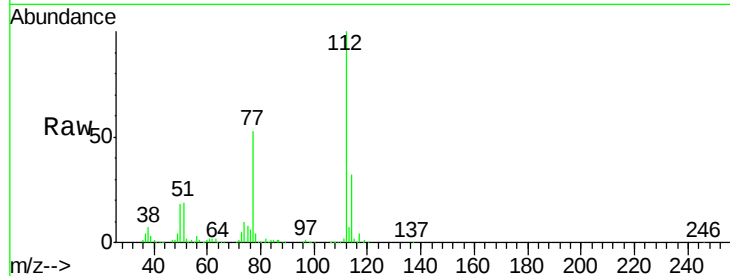
#65
Chlorobenzene
Concen: 95.597 ug/l
RT: 11.68 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.2	36.2

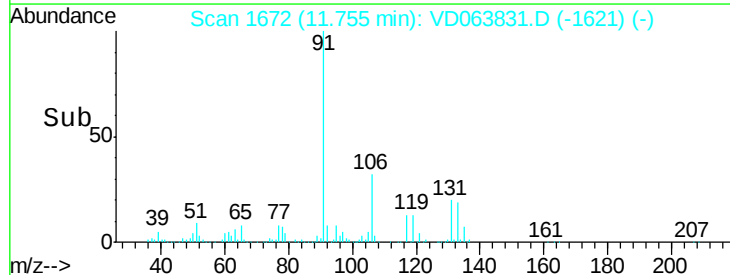
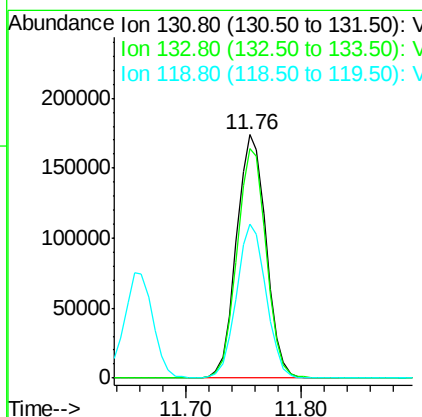
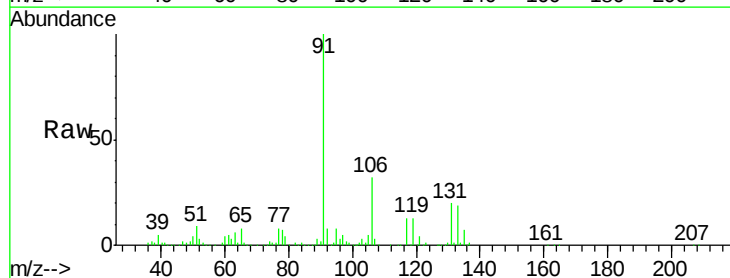
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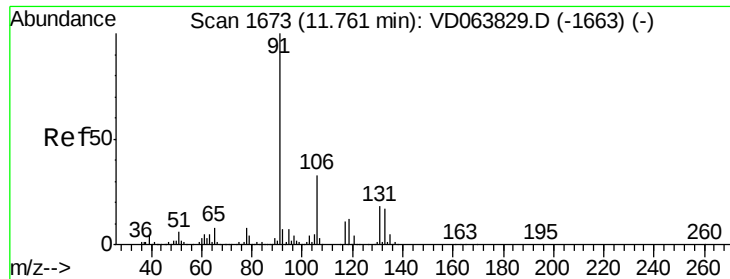
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#66
1,1,1,2-Tetrachloroethane
Concen: 100.410 ug/l
RT: 11.76 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.4	142.3
119	63.0	31.6	94.8





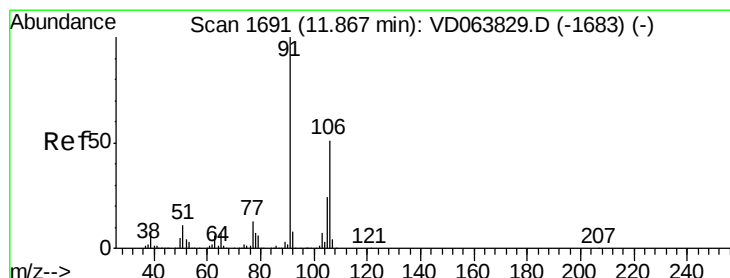
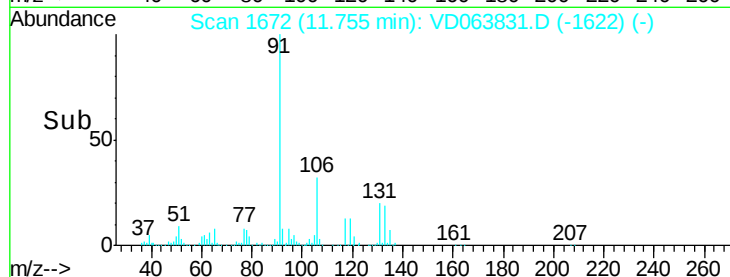
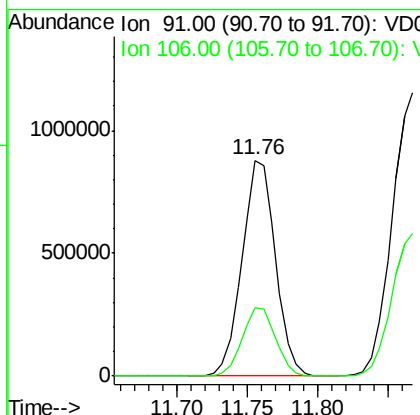
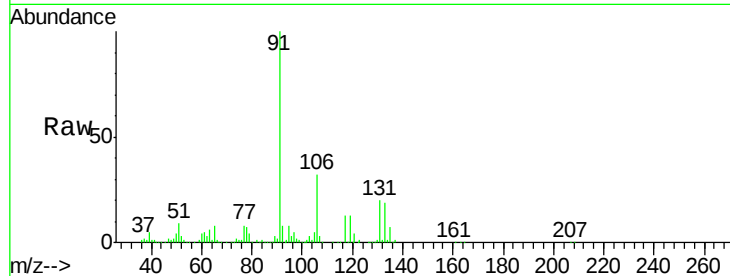
#67
Ethyl Benzene
Concen: 96.513 ug/l
RT: 11.76 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 1456862
Ion Ratio Lower Upper
91 100
106 31.5 26.6 40.0

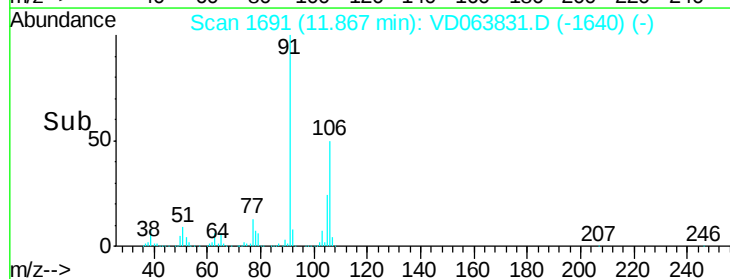
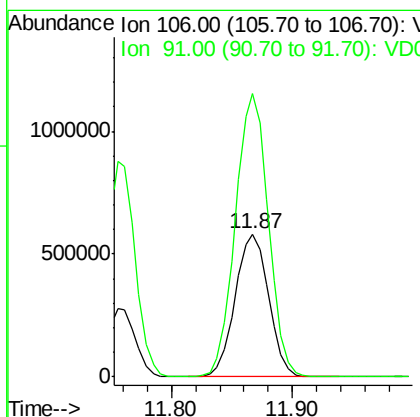
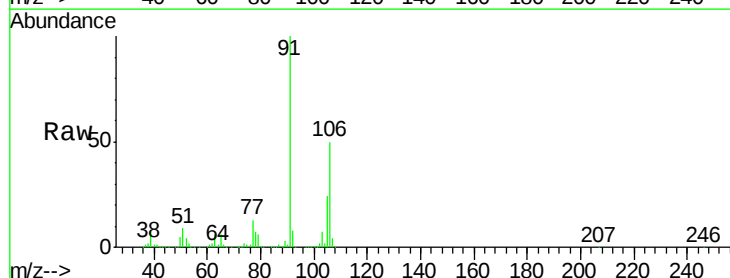
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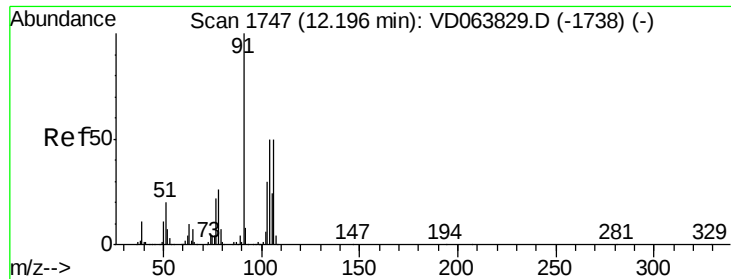
MMDadoda
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#68
m/p-Xylenes
Concen: 193.334 ug/l
RT: 11.87 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion: 106 Resp: 1120692
Ion Ratio Lower Upper
106 100
91 196.0 157.6 236.4





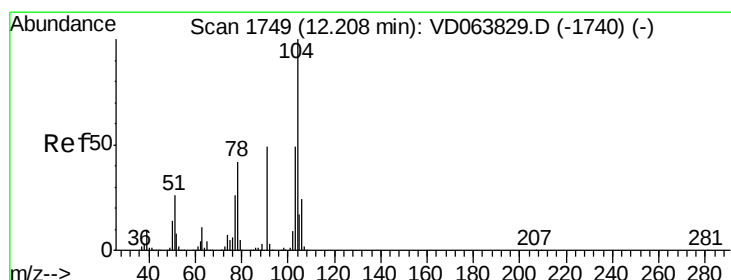
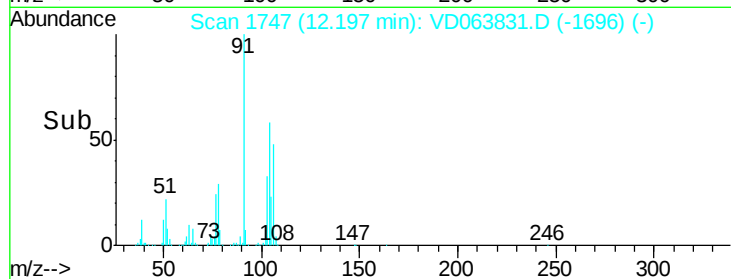
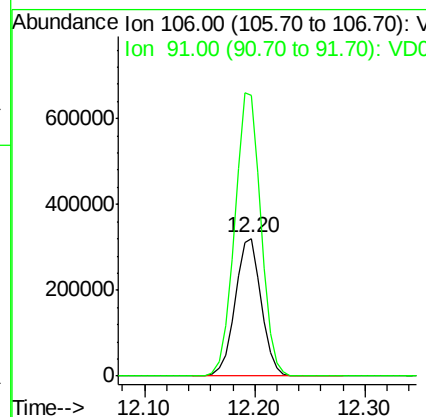
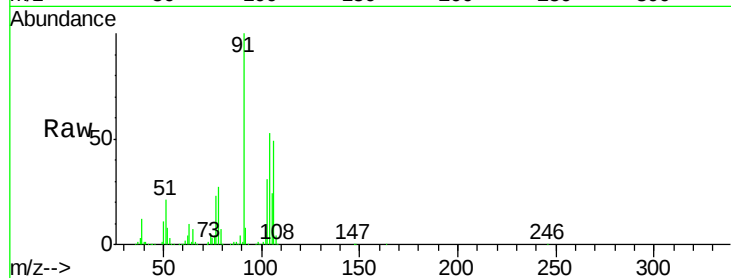
#69
o-Xylene
Concen: 97.149 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
106	100	531528		
91	206.6		102.4	307.1

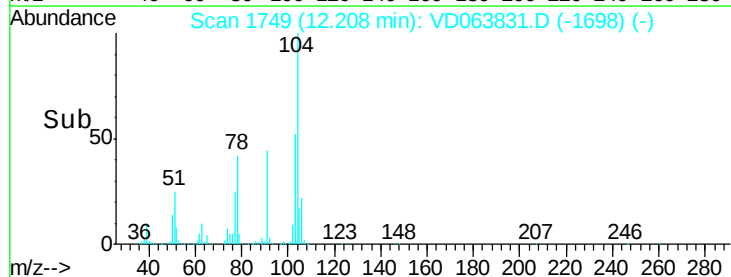
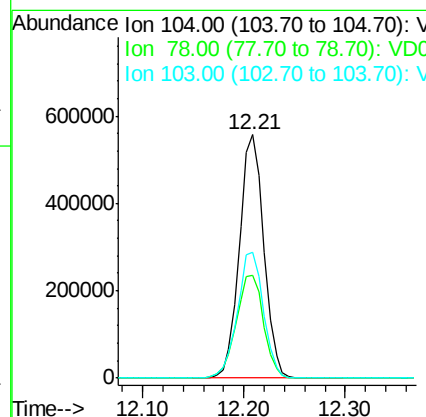
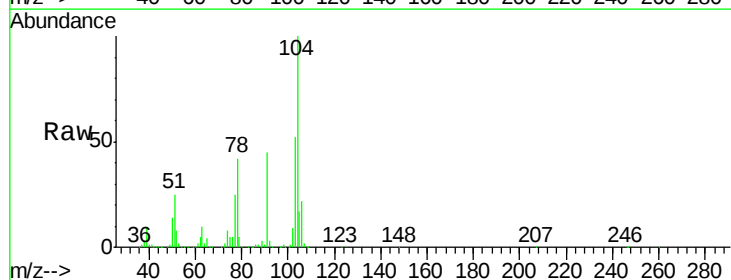
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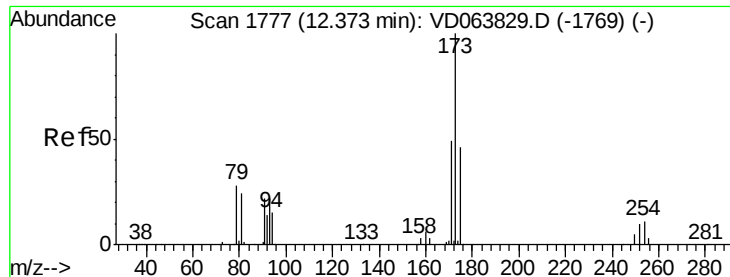
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#70
Styrene
Concen: 100.569 ug/l
RT: 12.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	931239		
78	47.3		37.3	55.9
103	55.2		44.2	66.4





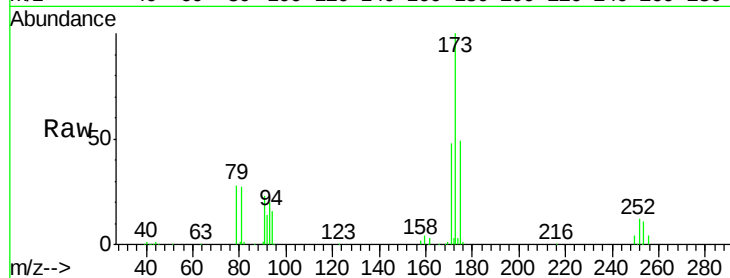
#71
Bromoform
Concen: 103.118 ug/l
RT: 12.37 min Scan# 1777
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

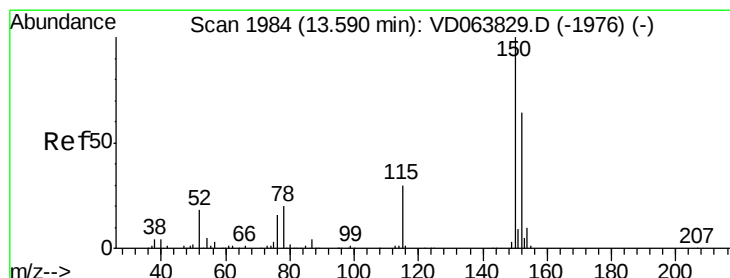
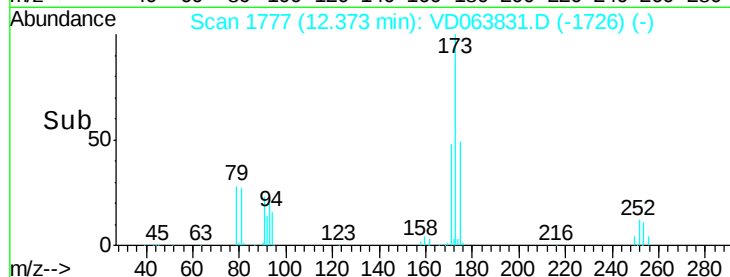
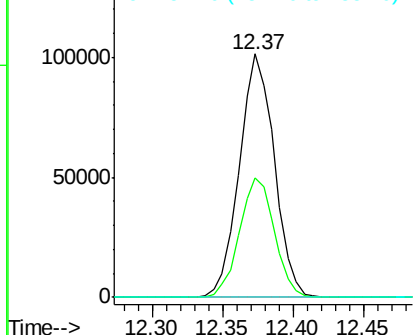
Tot Ion	Ratio	Resp	Lower	Upper
173	100	175929		
175	49.0	23.3	69.8	
254	0.1	0.1	0.1	

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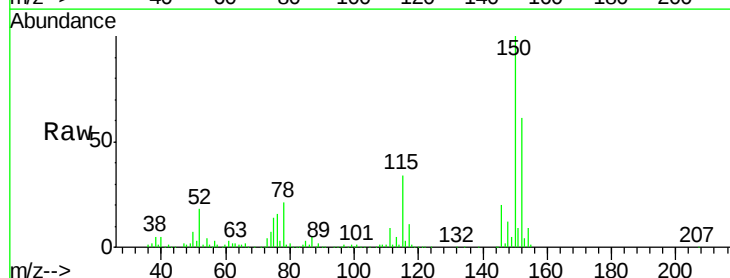


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

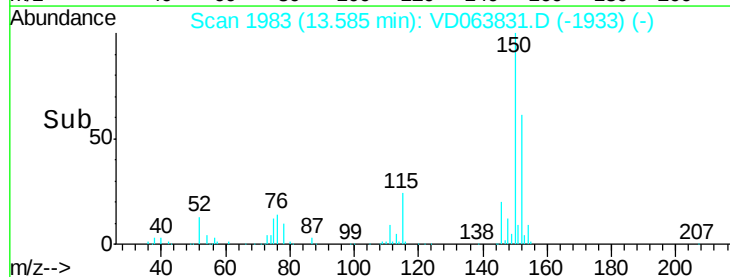
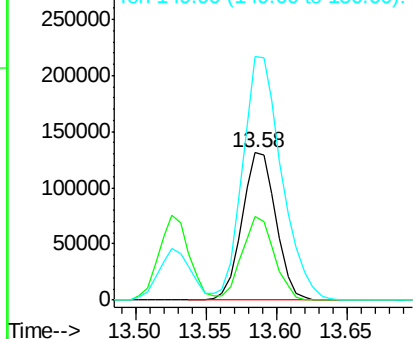


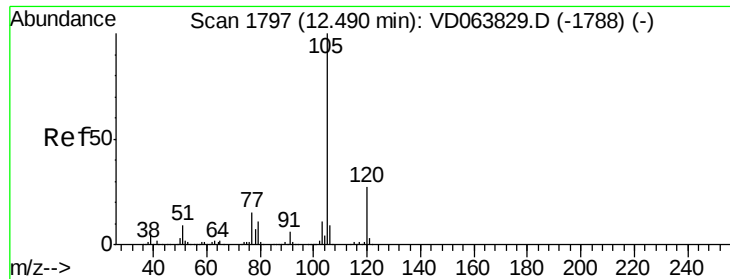
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.01 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	220206		
115	54.2	27.0	81.0	
150	190.4	0.0	344.0	



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: 95.721 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1439724

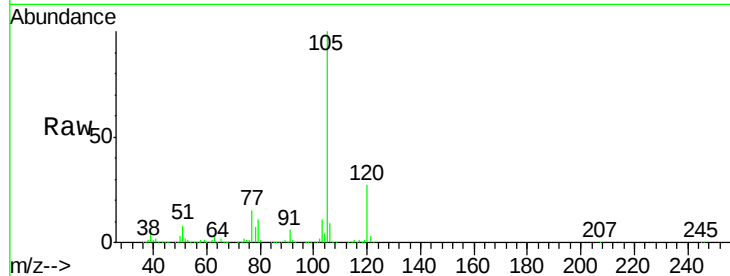
Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0

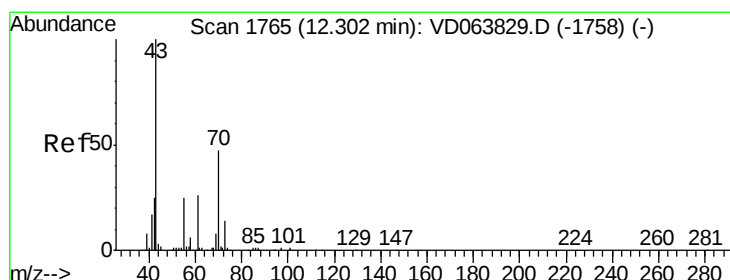
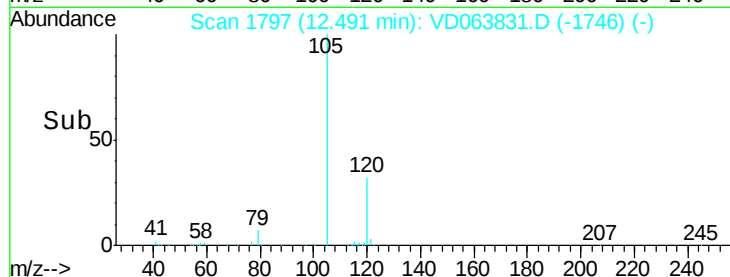
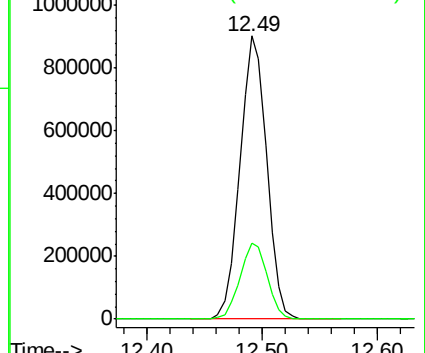
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 92.145 ug/l

RT: 12.30 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion: 43 Resp: 303391

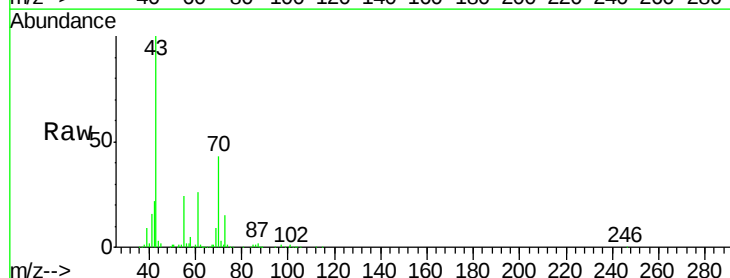
Ion Ratio Lower Upper

43 100

70 42.7 35.0 52.6

55 23.0 19.8 29.6

61 24.7 19.6 29.4

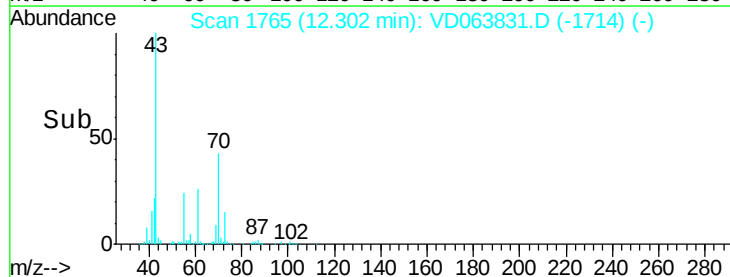
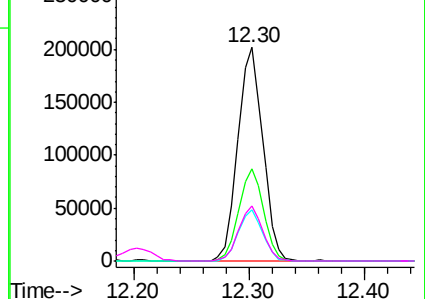


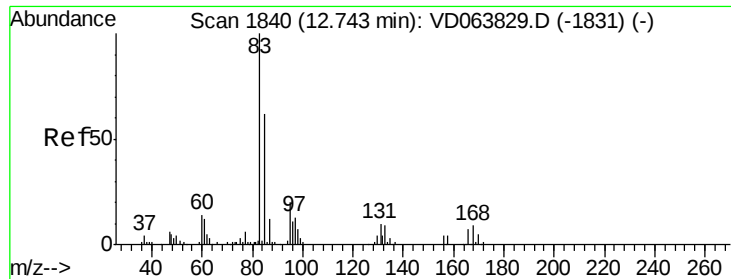
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 92.765 ug/l

RT: 12.74 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

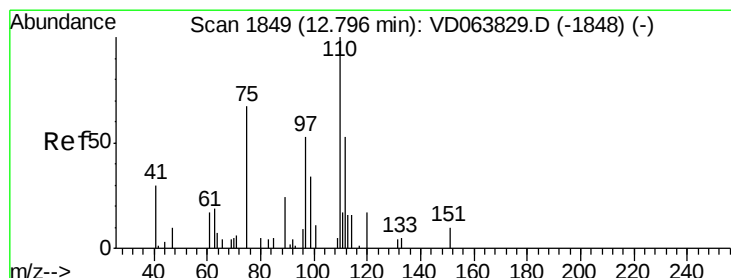
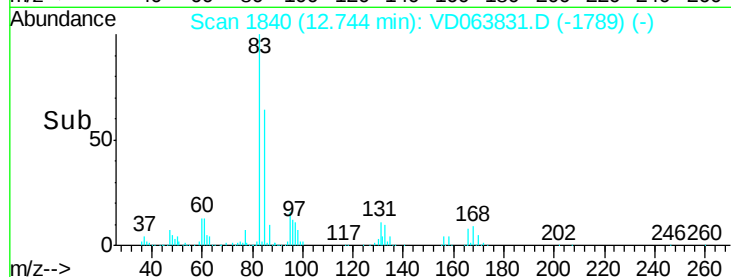
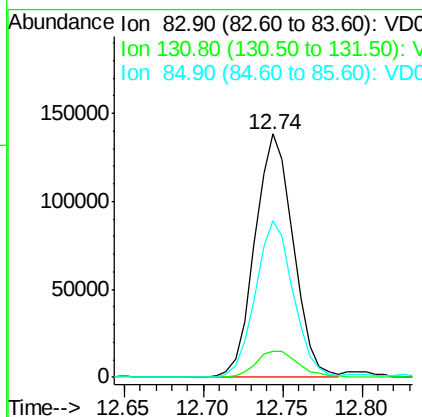
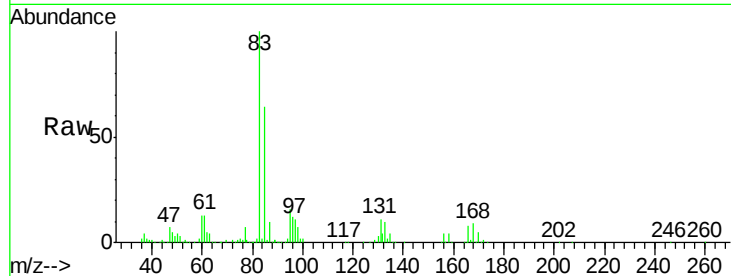
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	232565
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.6	16.8
85	63.6	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 108.773 ug/l m

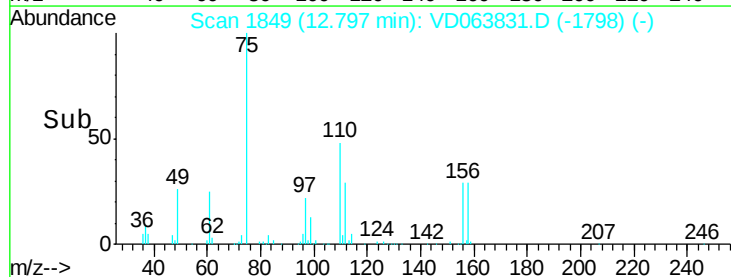
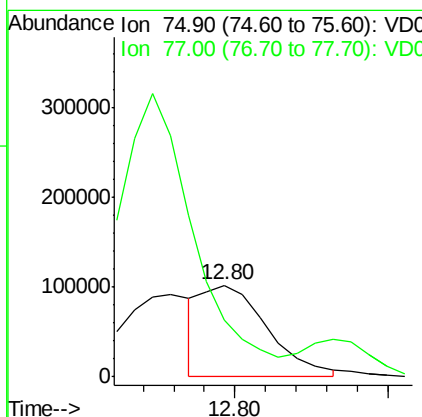
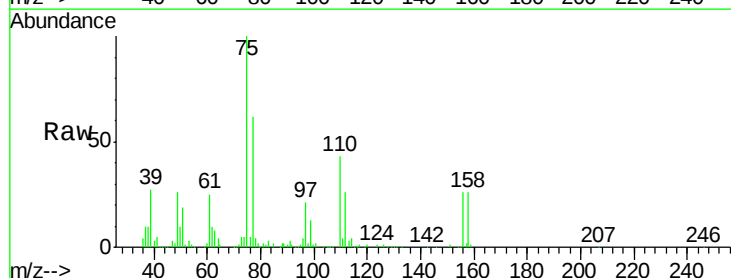
RT: 12.80 min Scan# 1849

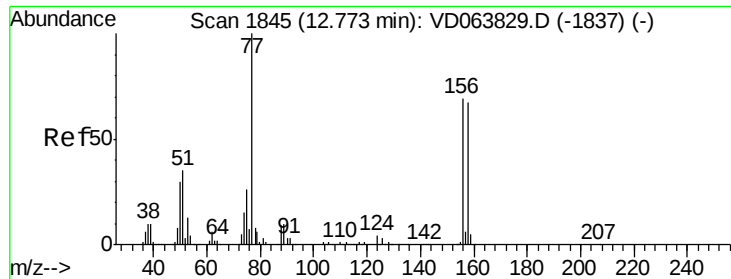
Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	75	Resp:	151907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





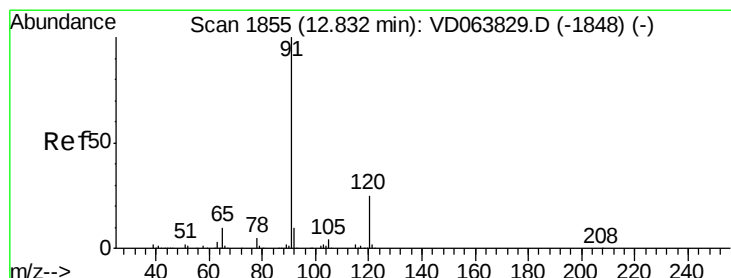
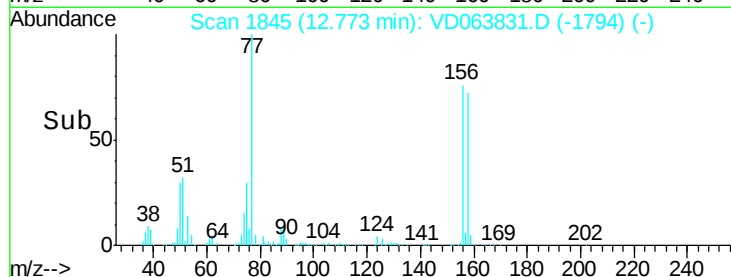
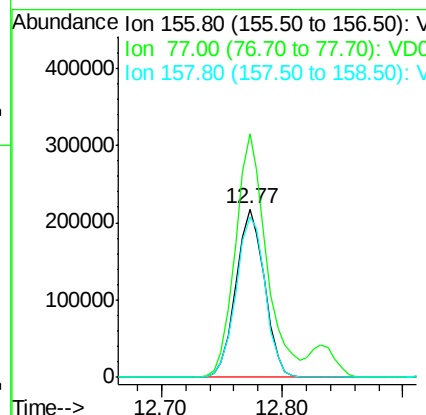
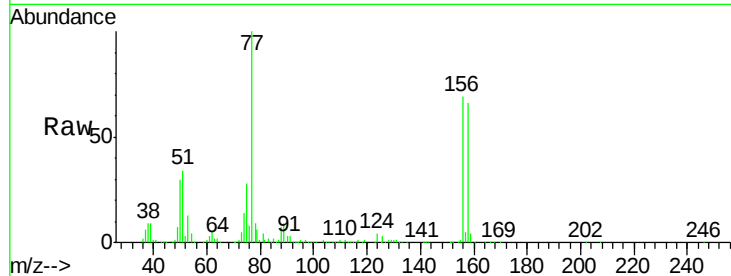
#77
Bromobenzene
Concen: 99.664 ug/l
RT: 12.77 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		360255		
77	156.3	79.8	239.4		
158	97.2	47.9	143.7		

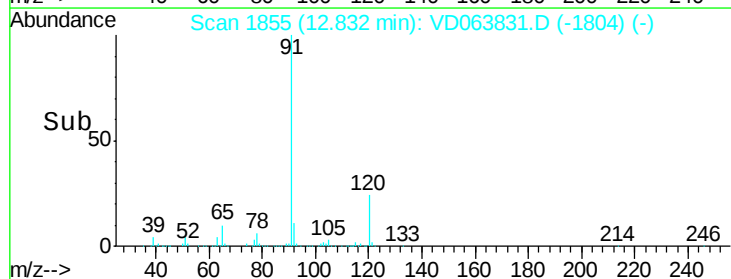
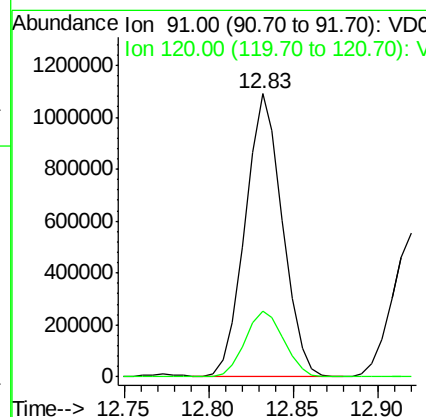
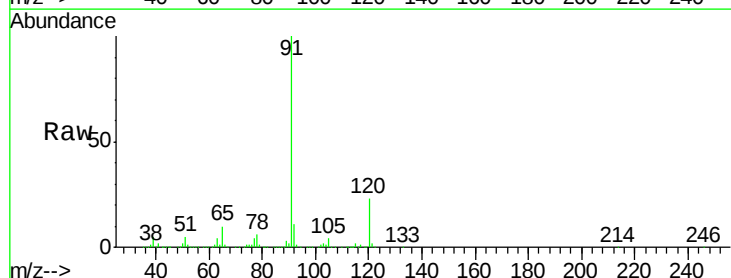
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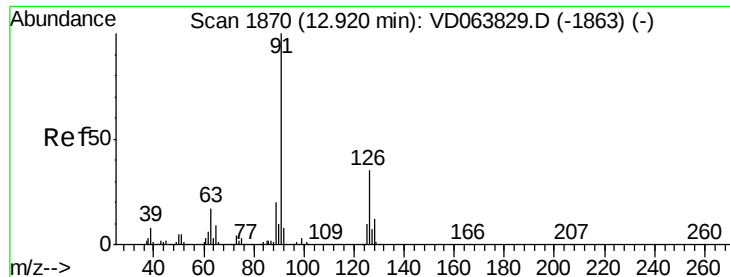
MMDadoda
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#78
n-propylbenzene
Concen: 94.477 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1671800		
120	24.2	12.5	37.5		





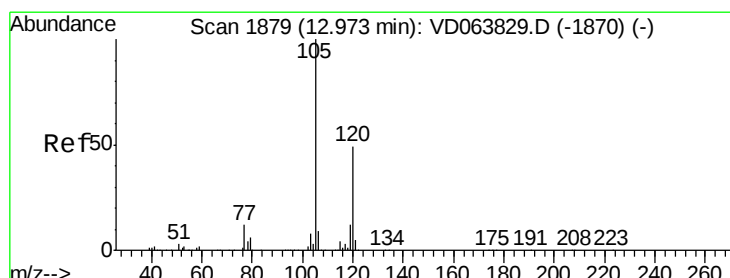
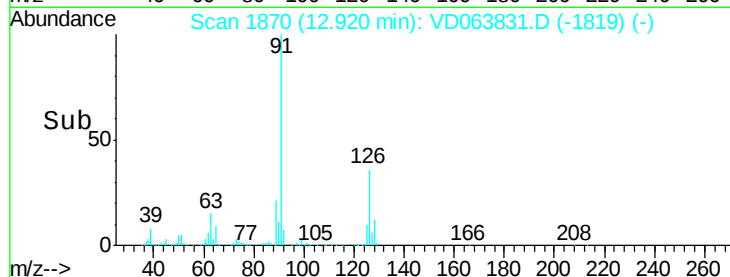
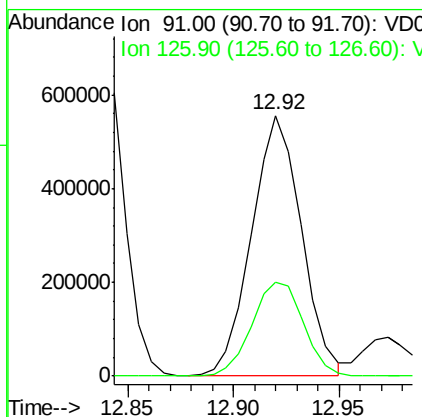
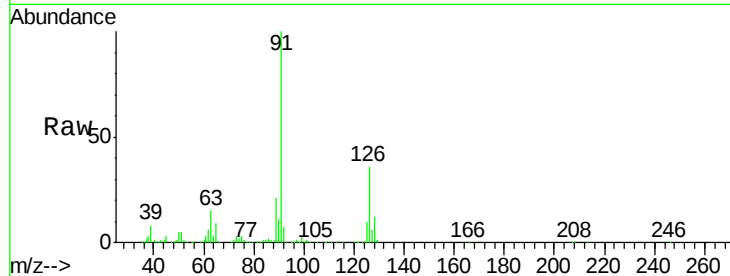
#79
 2-Chlorotoluene
 Concen: 95.539 ug/l
 RT: 12.92 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 911867
 Ion Ratio Lower Upper
 91 100
 126 37.5 17.8 53.5

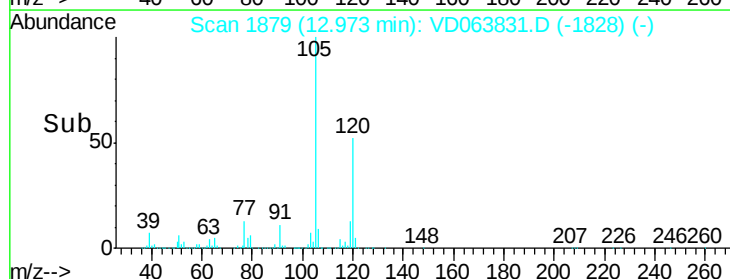
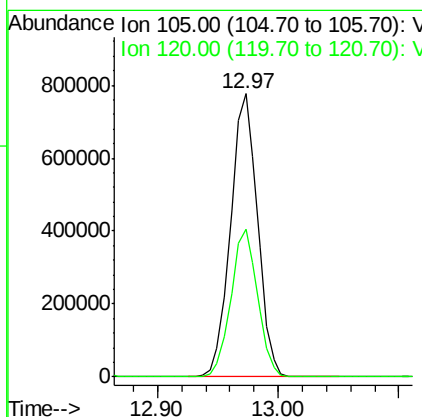
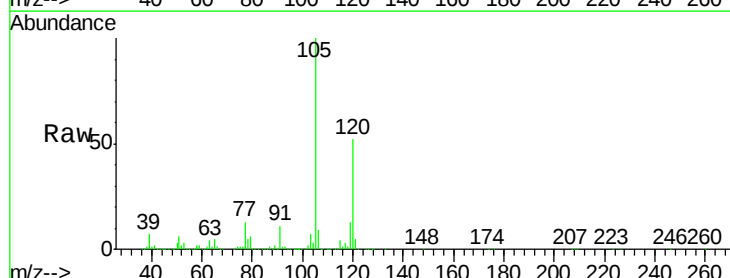
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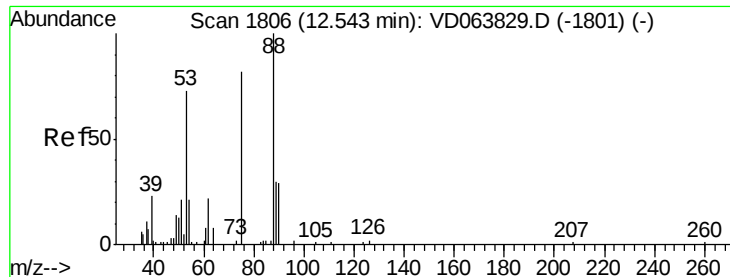
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 96.319 ug/l
 RT: 12.97 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion: 105 Resp: 1207693
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.9 74.8





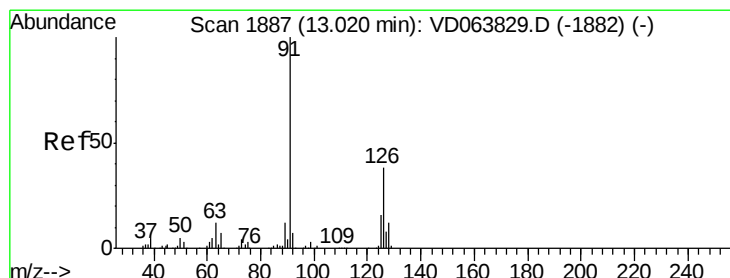
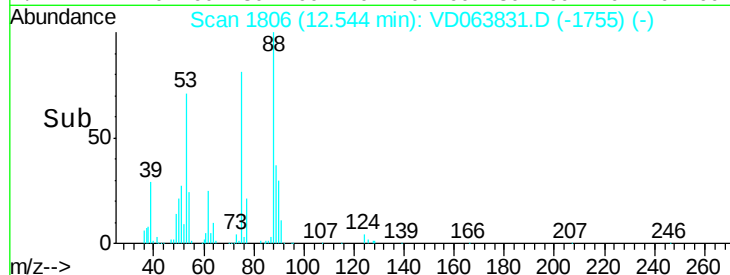
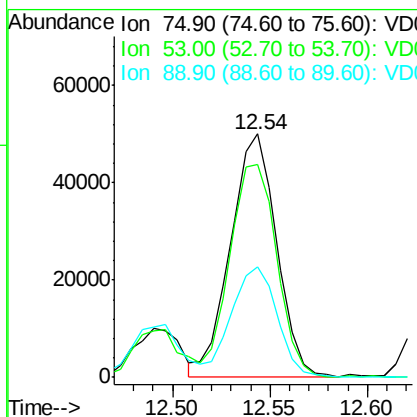
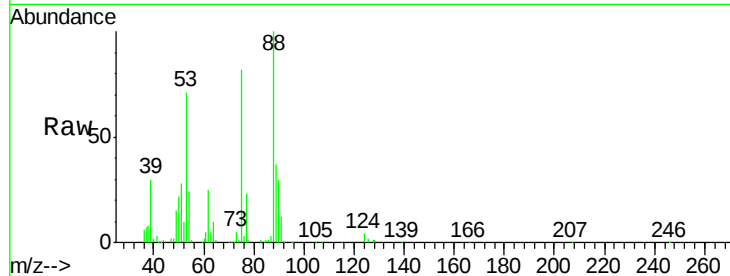
#81
trans-1,4-Dichloro-2-butene
Concen: 96.898 ug/l
RT: 12.54 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	76.5	114.7
89	45.8	37.0	55.6

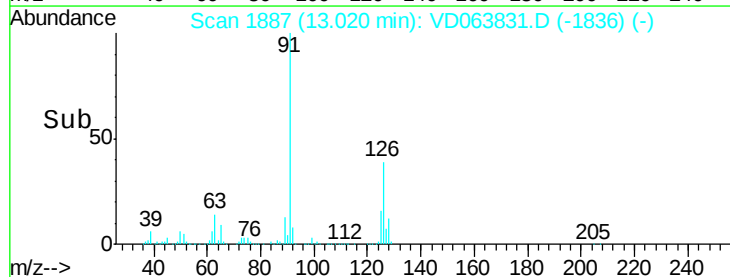
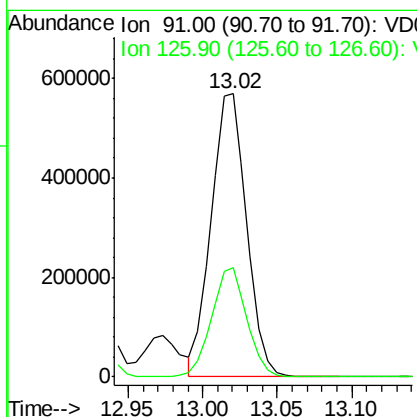
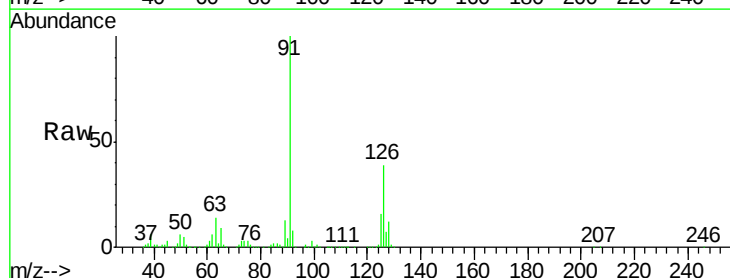
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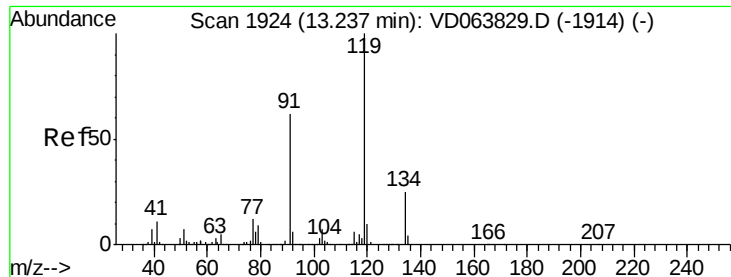
MMDadoda
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#82
4-Chlorotoluene
Concen: 92.547 ug/l
RT: 13.02 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.6	55.6





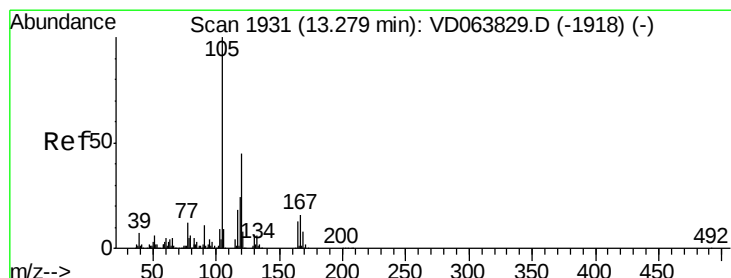
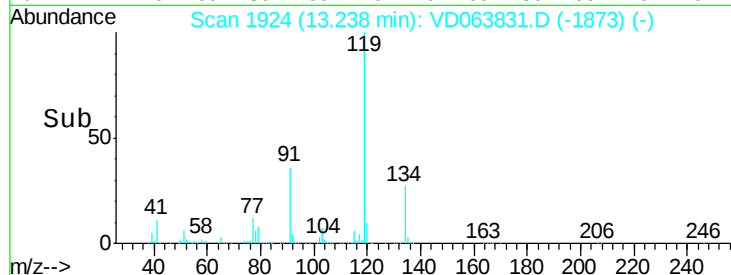
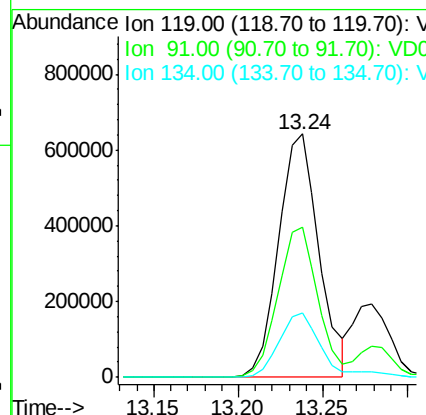
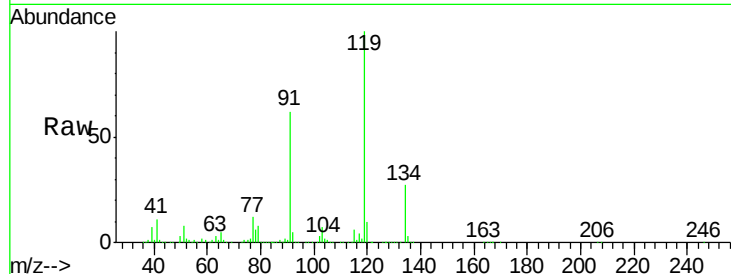
#83
 tert-Butylbenzene
 Concen: 97.490 ug/l
 RT: 13.24 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1068069
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.8 92.3
 134 28.0 13.2 39.6

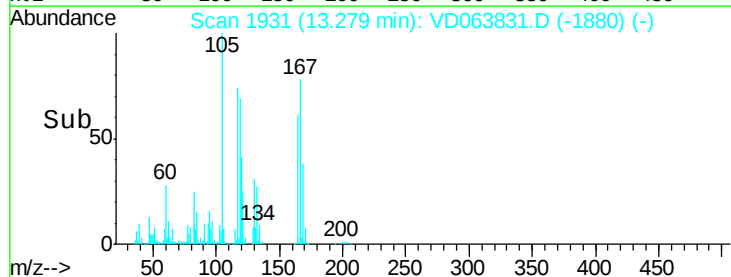
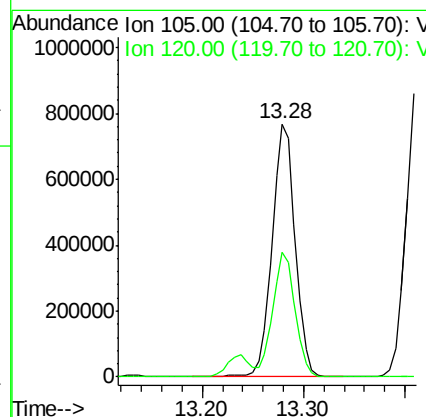
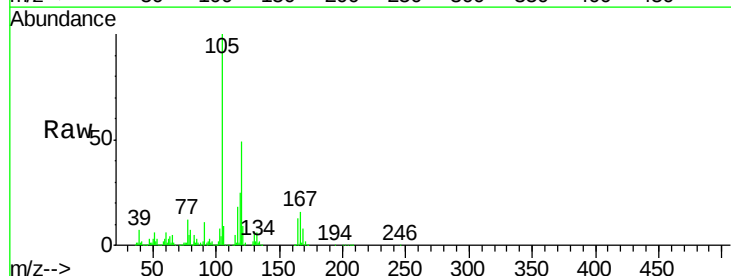
Manual Integrations
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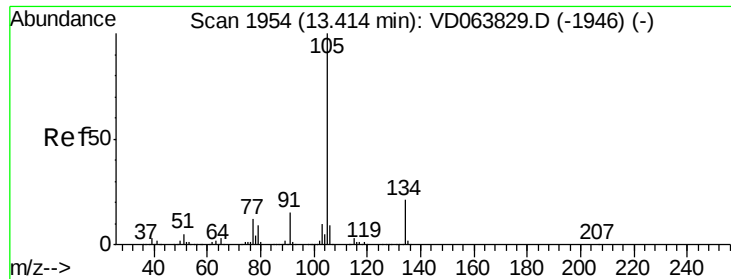
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#84
 1,2,4-Trimethylbenzene
 Concen: 96.370 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion:105 Resp: 1226713
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 95.834 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1460954

Ion Ratio Lower Upper

105 100

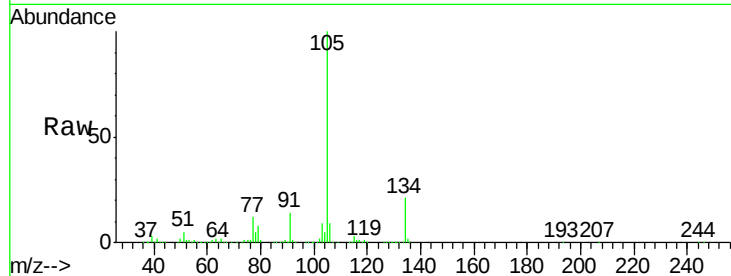
134 21.4 10.7 31.9

Manual Integrations

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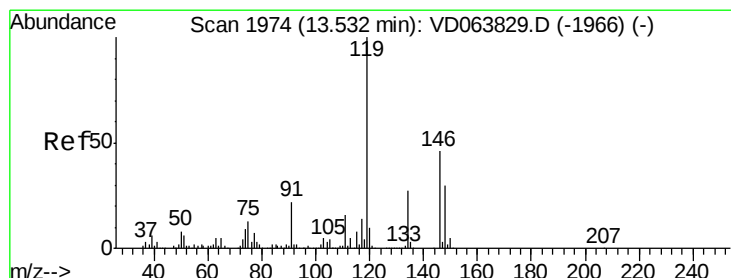
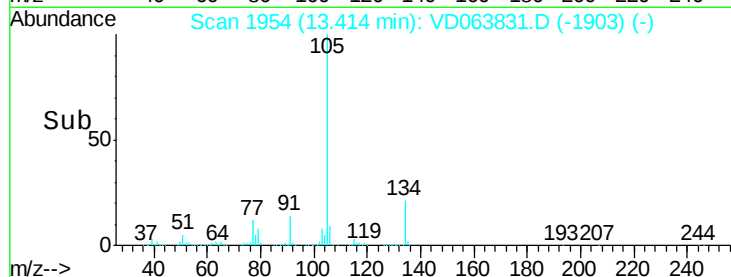
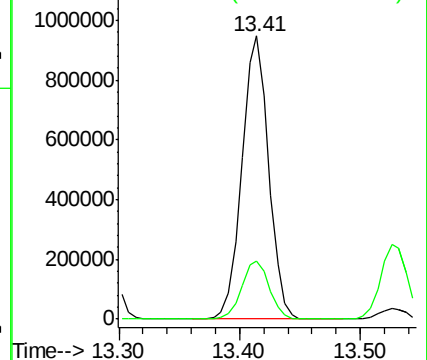
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 99.613 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

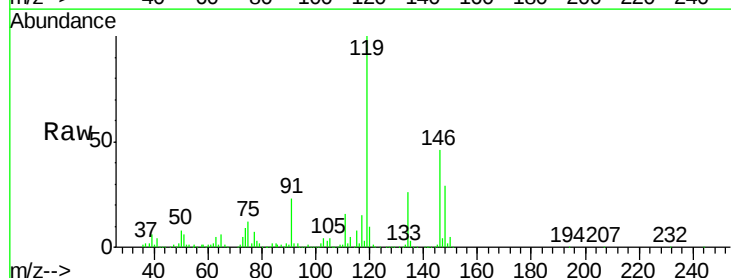
Tgt Ion:119 Resp: 1426194

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

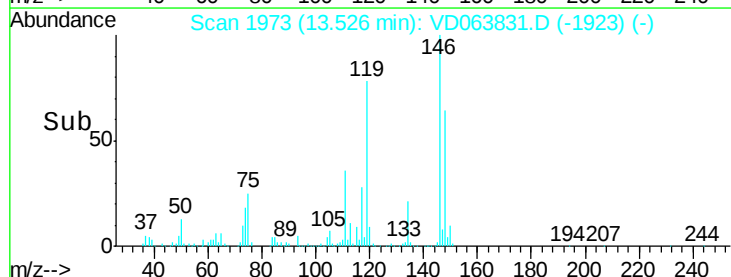
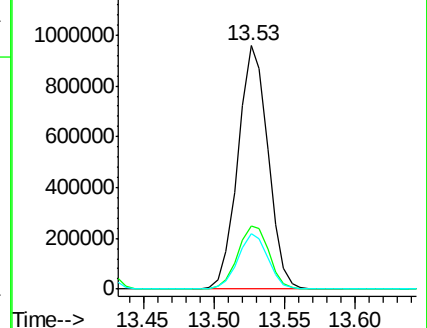
91 22.6 11.4 34.1

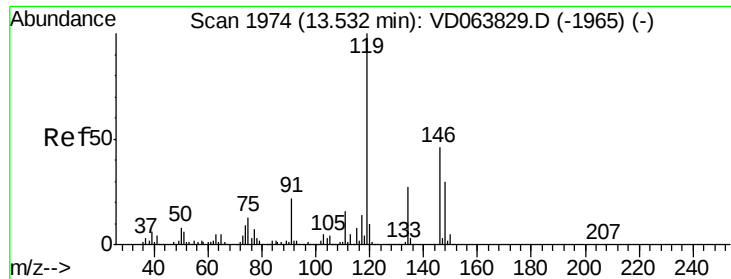


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 101.058 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.01 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Instrument :

MSVOA_D

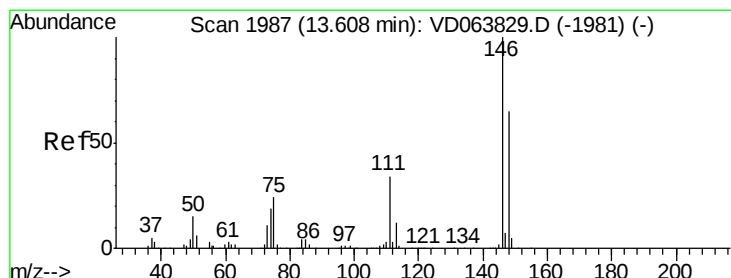
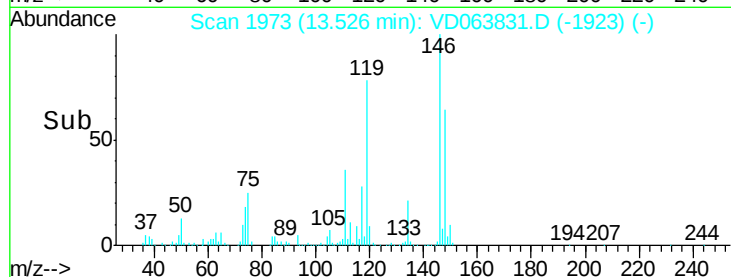
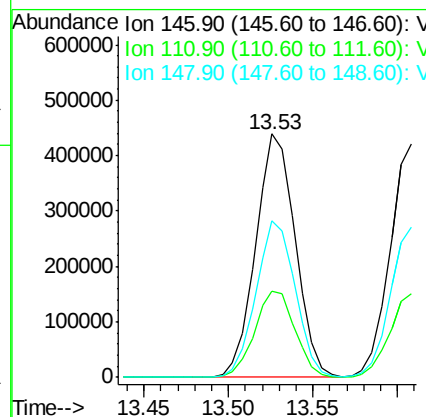
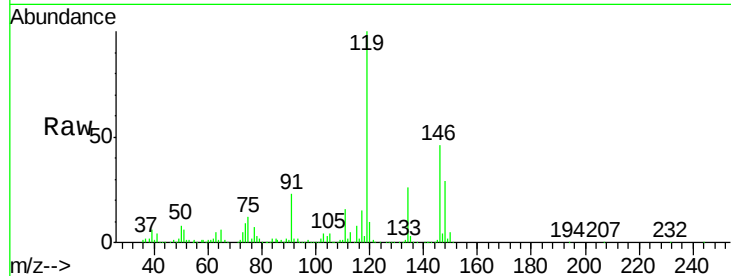
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	717224
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.3	54.8
148	63.6	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 97.810 ug/l

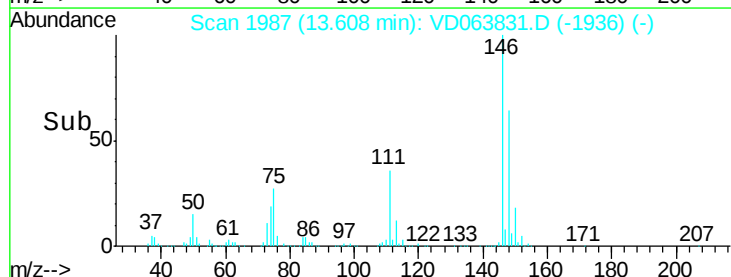
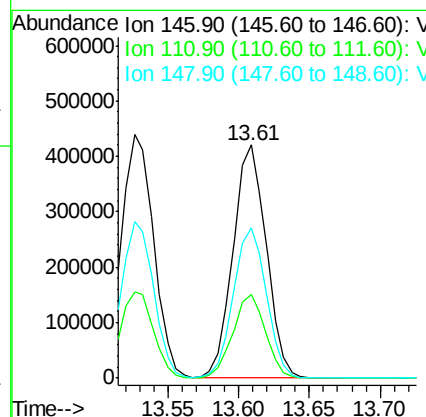
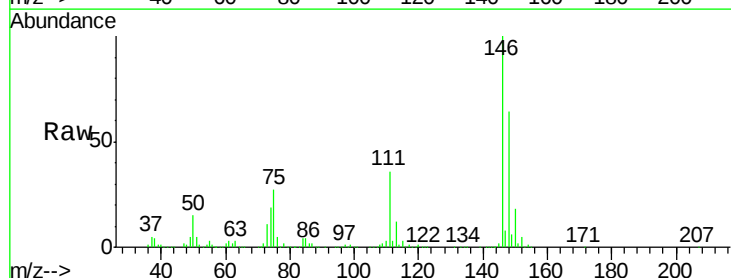
RT: 13.61 min Scan# 1987

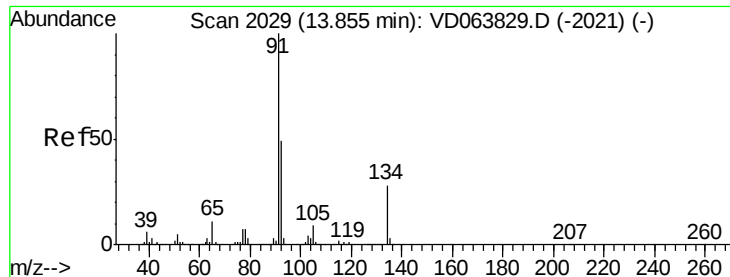
Delta R.T. 0.00 min

Lab File: VD063831.D

Acq: 25 Sep 2019 19:15

Tgt Ion:	146	Resp:	690386
Ion Ratio	Lower	Upper	
146	100		
111	35.2	18.5	55.5
148	64.0	33.0	99.0





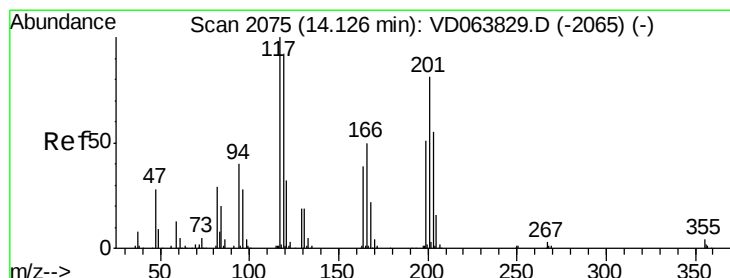
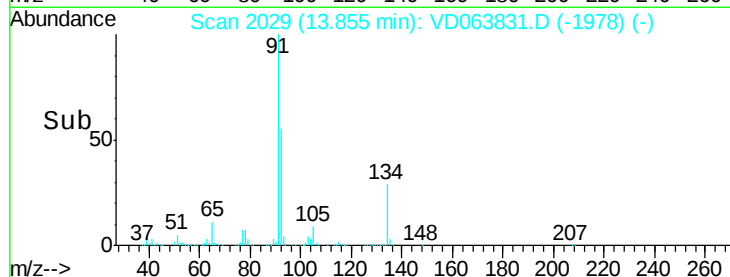
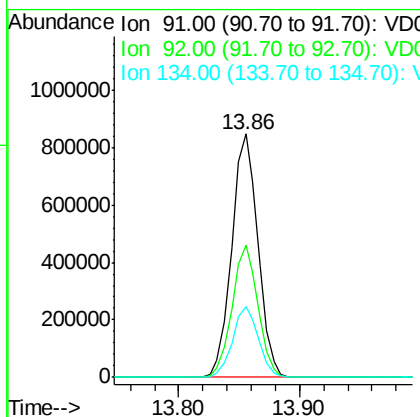
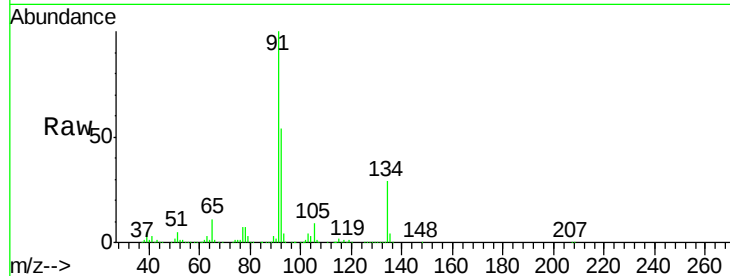
#89
n-Butylbenzene
Concen: 93.923 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.1	78.2
134	28.5	14.0	41.9

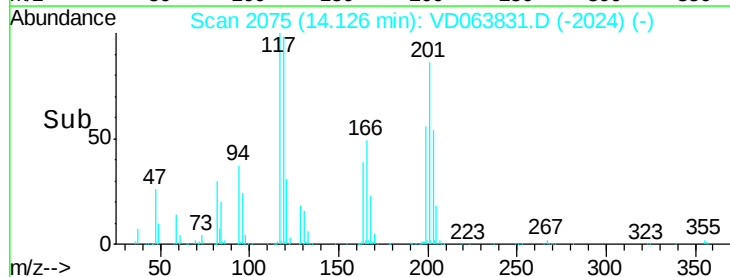
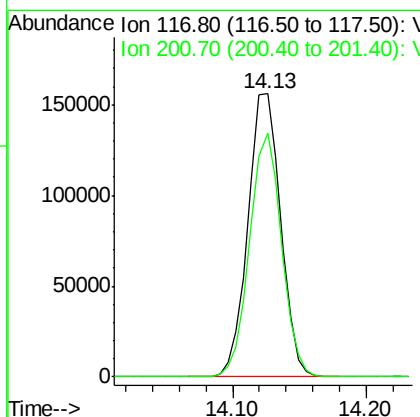
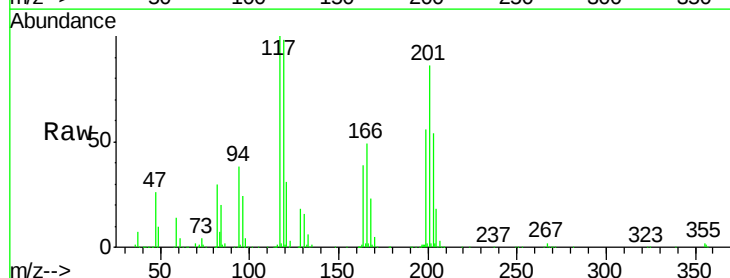
Manual Integrations
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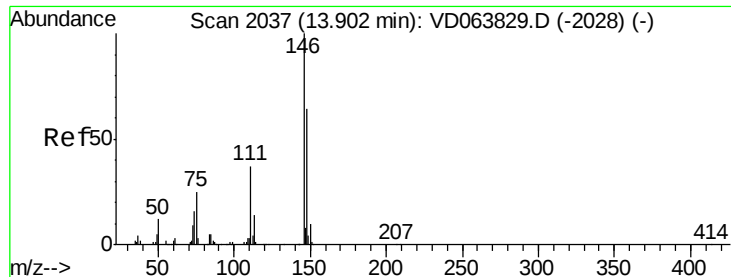
MMDadoda
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#90
Hexachloroethane
Concen: 99.656 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.7	39.3	117.8





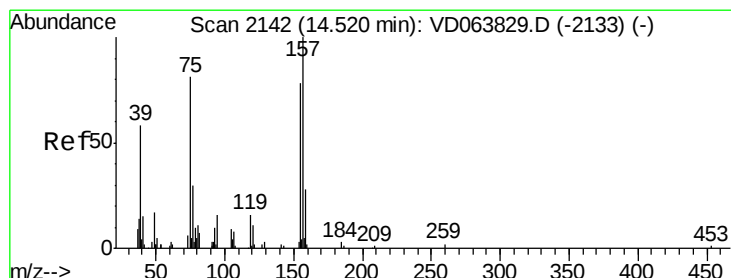
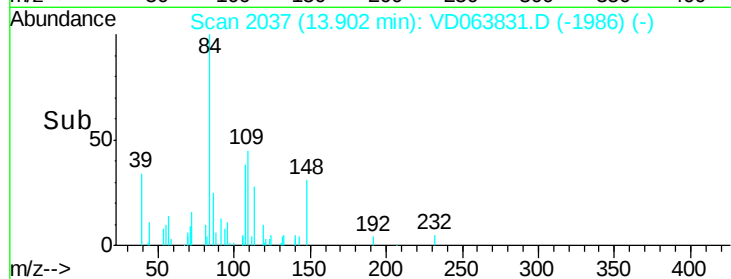
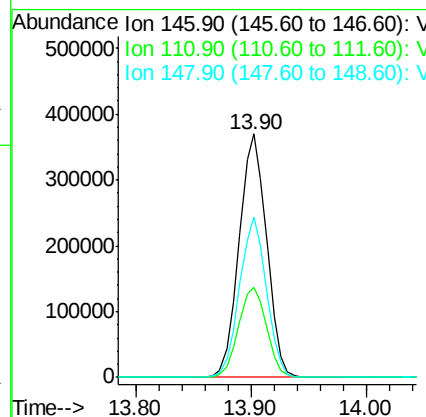
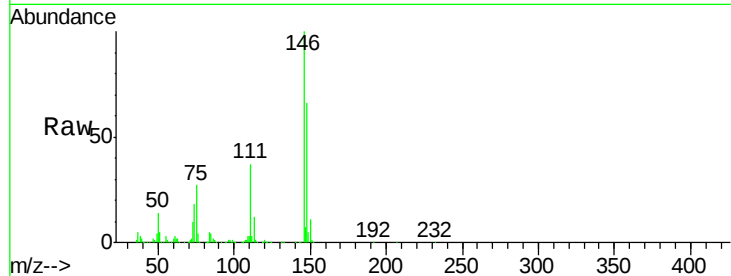
#91
 1,2-Dichlorobenzene
 Concen: 99.989 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	608710		
111	37.6	18.9	56.7	
148	64.7	32.2	96.6	

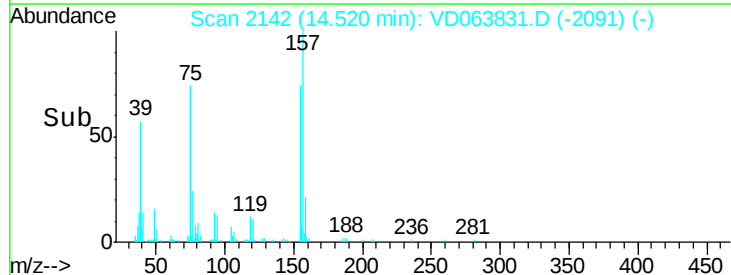
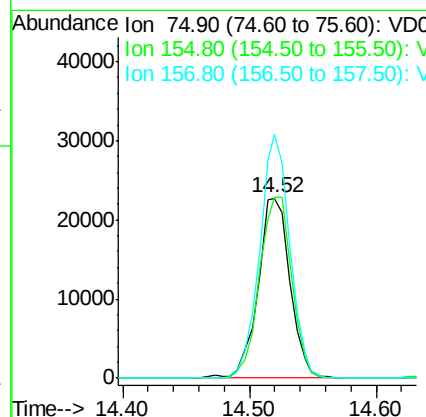
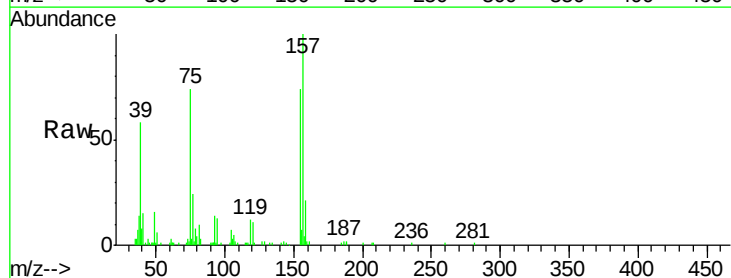
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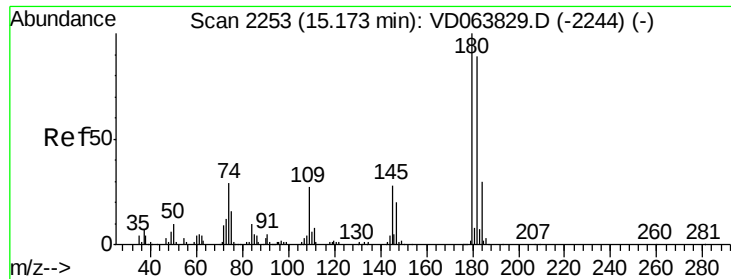
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.705 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40061		
155	101.4	48.0	144.0	
157	126.9	63.2	189.8	





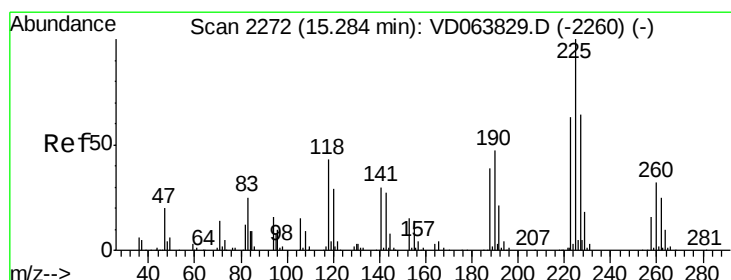
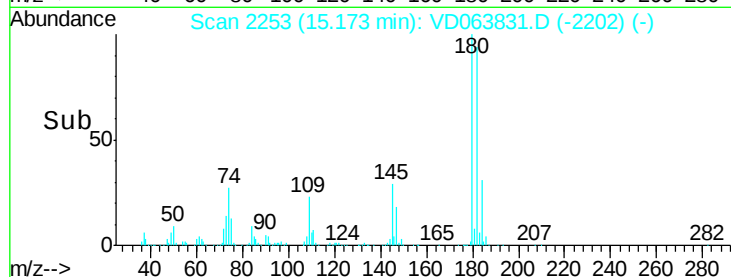
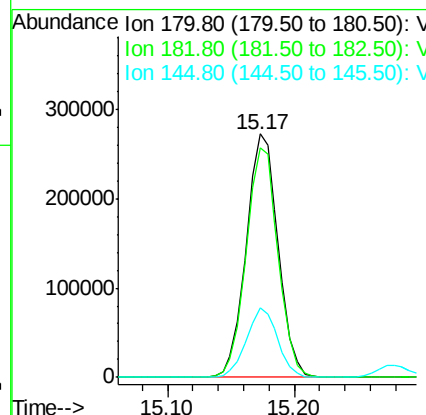
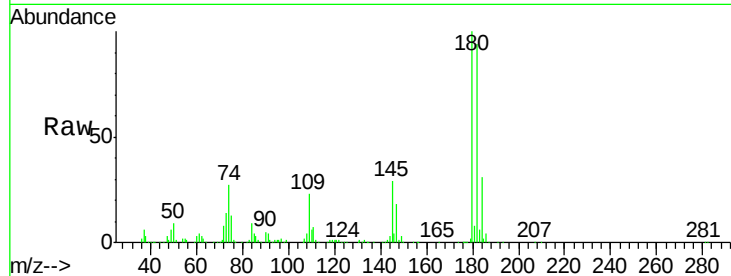
#93
 1,2,4-Trichlorobenzene
 Concen: 102.454 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	473651		
182	94.5	46.5	139.5	
145	27.9	14.4	43.4	

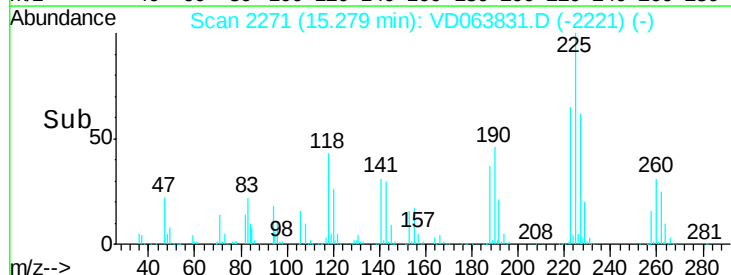
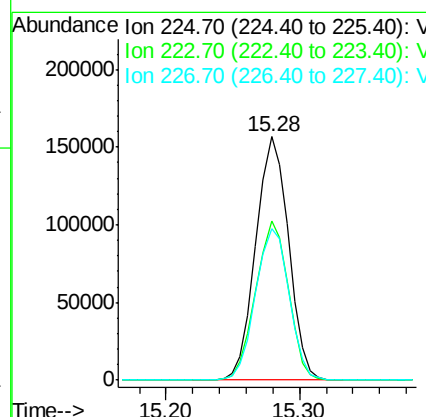
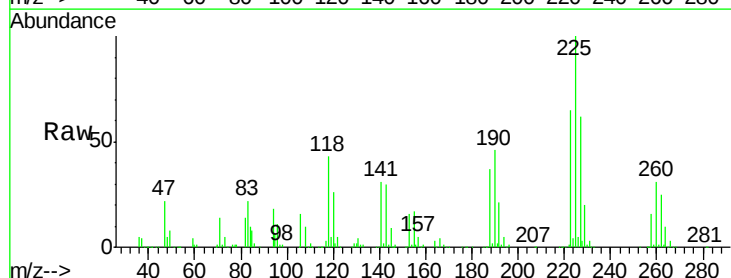
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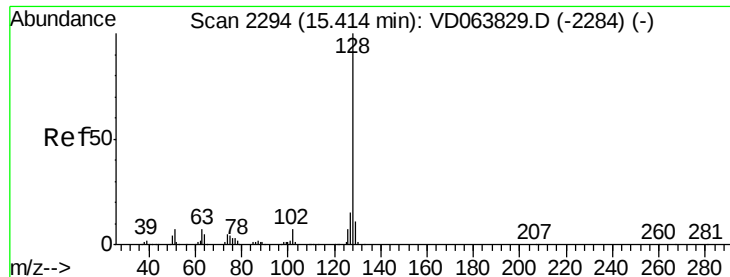
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#94
 Hexachlorobutadiene
 Concen: 101.502 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD063831.D
 Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	265876		
223	65.2	32.8	98.3	
227	63.8	32.8	98.3	





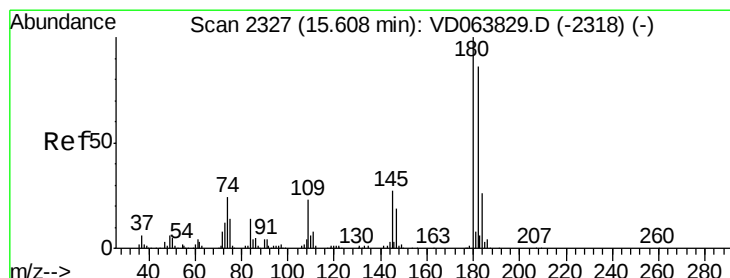
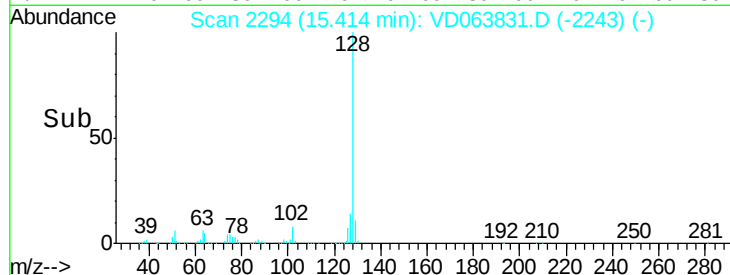
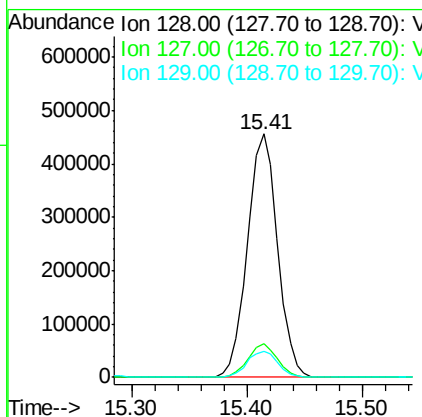
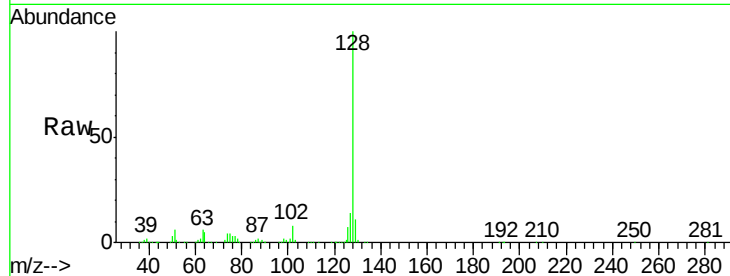
#95
Naphthalene
Concen: 99.626 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	827096		
127	13.7		10.8	16.2
129	11.1		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 99.901 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD063831.D
Acq: 25 Sep 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409465		
182	94.3		46.6	139.7
145	29.6		14.5	43.5

