

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002233.D
 Acq On : 02 Jun 2018 00:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/4/2018 2:31:34 PM

Quant Time: Jun 04 03:30:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	126842	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	5.51	113	93685	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.72	98	355013	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	132564	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63189	37.523	ug/l	100
3) Chloromethane	1.32	50	87629	42.898	ug/l	99
4) Vinyl Chloride	1.41	62	93341	47.324	ug/l	100
5) Bromomethane	1.64	94	55492	61.340	ug/l	96
6) Chloroethane	1.71	64	64315	55.314	ug/l	97
7) Trichlorofluoromethane	1.92	101	159543	53.862	ug/l	99
8) Diethyl Ether	2.19	74	66352	61.739	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90431	54.712	ug/l	97
10) Methyl Iodide	2.51	142	105072	46.982	ug/l	98
11) Tert butyl alcohol	3.09	59	186285	399.889	ug/l	98
12) 1,1-Dichloroethene	2.37	96	81235	52.494	ug/l	97
13) Acrolein	2.30	56	49345	244.993	ug/l	97
14) Allyl chloride	2.73	41	181245	55.796	ug/l	97
15) Acrylonitrile	3.15	53	371530	387.841	ug/l	99
16) Acetone	2.45	43	365944	399.550	ug/l	99
17) Carbon Disulfide	2.57	76	160017	35.929	ug/l	100
18) Methyl Acetate	2.78	43	192377	88.057	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	355429	61.067	ug/l	98
20) Methylene Chloride	2.86	84	102601	65.206	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87984	58.674	ug/l	94
22) Diisopropyl ether	3.88	45	333579	50.486	ug/l	97
23) Vinyl Acetate	3.83	43	1476214	269.470	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162538	51.786	ug/l	100
25) 2-Butanone	4.71	43	510617	304.181	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104514	32.899	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	94380	46.771	ug/l	97
28) Bromochloromethane	5.03	49	84224	64.452	ug/l	100
29) Tetrahydrofuran	5.17	42	329808	301.977	ug/l	99
30) Chloroform	5.22	83	175129	49.526	ug/l	100
31) Cyclohexane	5.57	56	139276	42.591	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	146114	44.323	ug/l	98
36) 1,1-Dichloropropene	5.80	75	115147	43.183	ug/l	99
37) Ethyl Acetate	4.87	43	187445	53.920	ug/l	99
38) Carbon Tetrachloride	5.79	117	124130	39.920	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138394	42.246	ug/l	98
40) Benzene	6.15	78	371053	47.498	ug/l	99
41) Methacrylonitrile	5.07	41	105245	57.577	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153789	49.284	ug/l	99
43) Isopropyl Acetate	6.47	43	290121	50.087	ug/l	99
44) Trichloroethene	7.22	130	103046	45.266	ug/l	100
45) 1,2-Dichloropropane	7.52	63	104459	49.238	ug/l	98
46) Dibromomethane	7.67	93	68828	49.001	ug/l	99
47) Bromodichloromethane	7.90	83	121627	40.611	ug/l	99
48) Methyl methacrylate	7.78	41	148142	50.251	ug/l	97
49) 1,4-Dioxane	7.76	88	68847	1325.257	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1023730	293.190	ug/l	100
52) Toluene	8.79	92	238777	48.029	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	142694	41.368	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	132841	39.522	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	105205	50.656	ug/l	98
56) Ethyl methacrylate	9.19	69	170060	47.605	ug/l	98
57) 1,3-Dichloropropane	9.38	76	174514	51.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	378587	239.107	ug/l	100
59) 2-Hexanone	9.50	43	808137	300.163	ug/l	99
60) Dibromochloromethane	9.59	129	100880	41.009	ug/l	100
61) 1,2-Dibromoethane	9.68	107	110225	50.579	ug/l	99
64) Tetrachloroethene	9.34	164	118972	45.670	ug/l	98
65) Chlorobenzene	10.14	112	271744	47.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	102703	44.184	ug/l	99
67) Ethyl Benzene	10.26	91	459951	45.989	ug/l	100
68) m/p-Xylenes	10.37	106	356591	93.272	ug/l	99
69) o-Xylene	10.70	106	180164	47.196	ug/l	100
70) Styrene	10.72	104	292452	46.196	ug/l	99
71) Bromoform	10.86	173	79704	36.162	ug/l	99
73) Isopropylbenzene	11.02	105	471790	46.985	ug/l	100
74) N-amyl acetate	6.47	43	290121	56.080	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165316	60.462	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	170379m	59.821	ug/l	
77) Bromobenzene	11.26	156	130426	48.957	ug/l	96
78) n-propylbenzene	11.37	91	518407	46.097	ug/l	99
79) 2-Chlorotoluene	11.43	91	322625	52.406	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	399129	46.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	41116	34.696	ug/l #	84
82) 4-Chlorotoluene	11.52	91	366778	46.241	ug/l	100
83) tert-Butylbenzene	11.77	119	387574	46.026	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	409734	46.205	ug/l	99
85) sec-Butylbenzene	11.95	105	467147	46.150	ug/l	99
86) p-Isopropyltoluene	12.07	119	413605	45.662	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	224121	46.975	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	226443	47.473	ug/l	98
89) n-Butylbenzene	12.39	91	330985	43.124	ug/l	99
90) Hexachloroethane	12.60	117	60714	33.981	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	236084	48.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40075	44.890	ug/l	100

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ClientSampleId :
VSTDCCC050EC

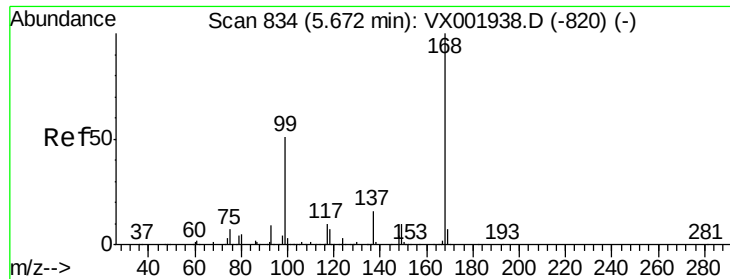
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150786	43.378	ug/l	99
94) Hexachlorobutadiene	13.79	225	75758	40.515	ug/l	99
95) Naphthalene	13.84	128	545649	50.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	163872	45.561	ug/l	100

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



#1

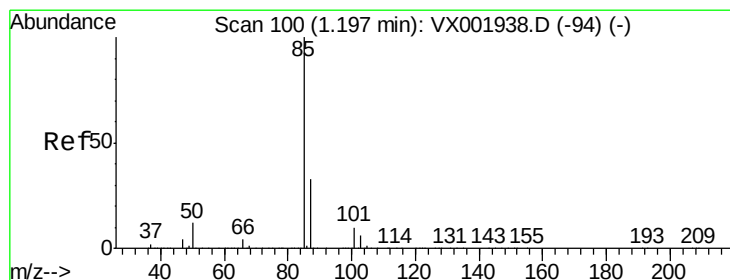
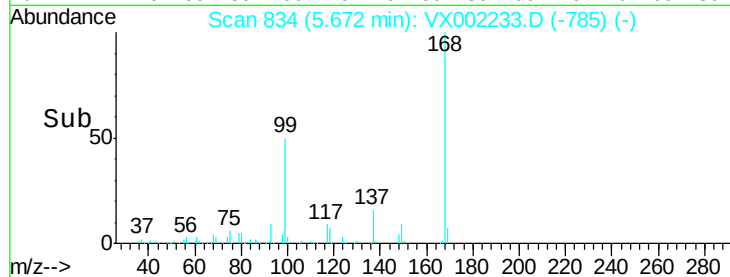
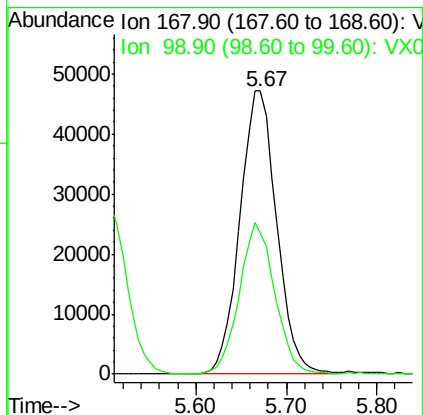
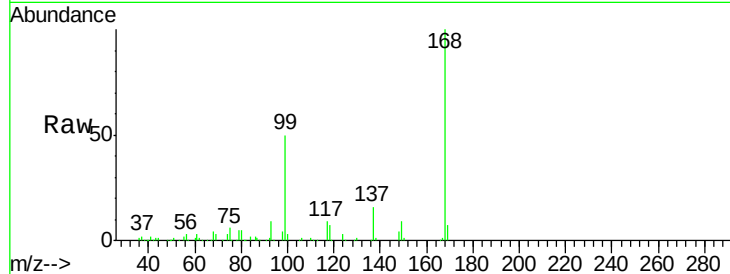
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.7	41.0	61.4

Manual Integrations
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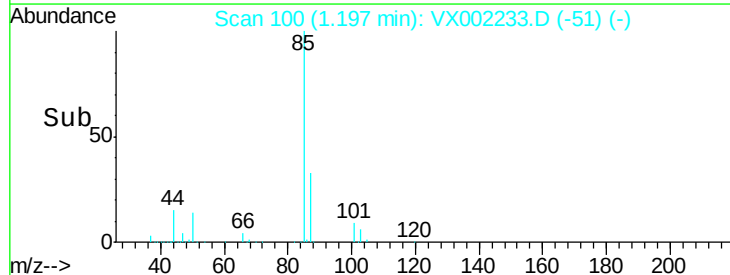
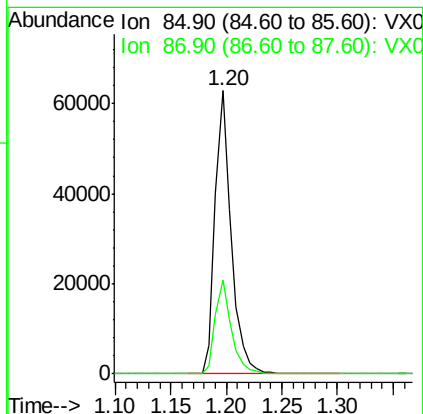
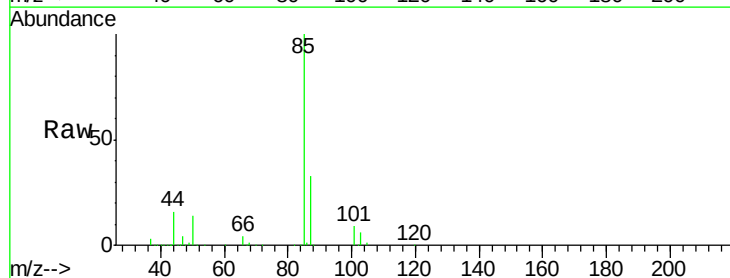
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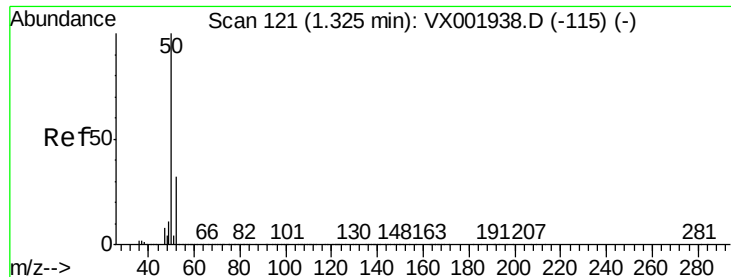


#2

Dichlorodifluoromethane
 Concen: 37.523 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.7	50.0





#3

Chloromethane

Concen: 42.898 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 87629

Ion Ratio Lower Upper

50 100

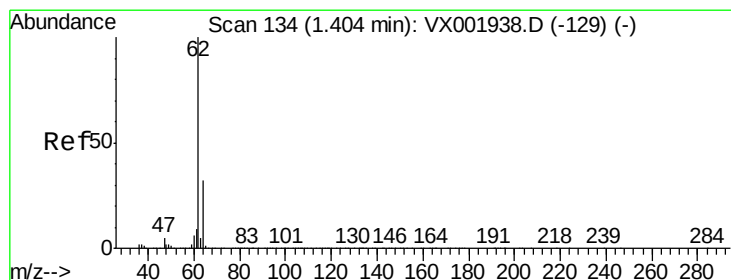
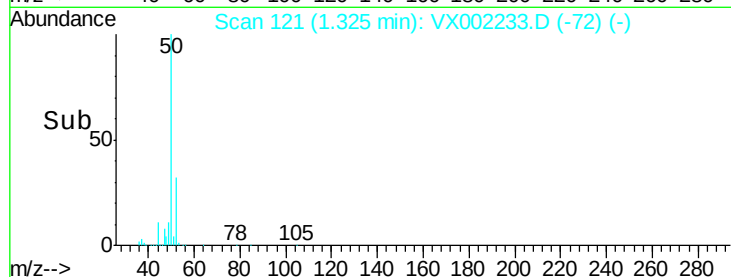
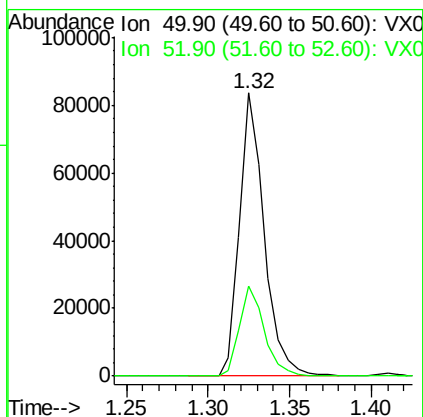
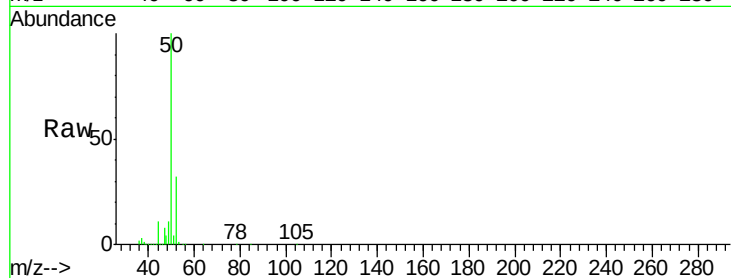
52 31.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.324 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002233.D

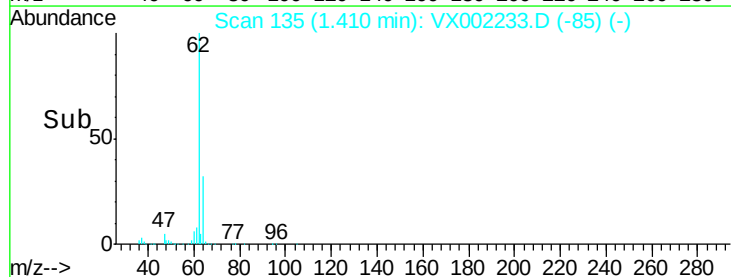
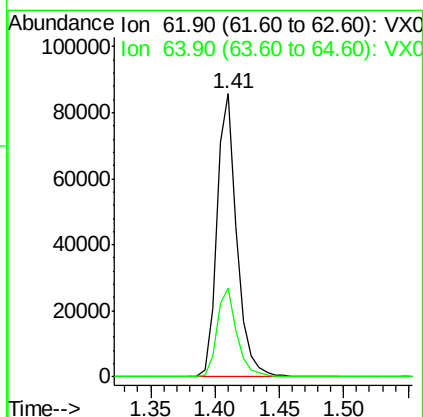
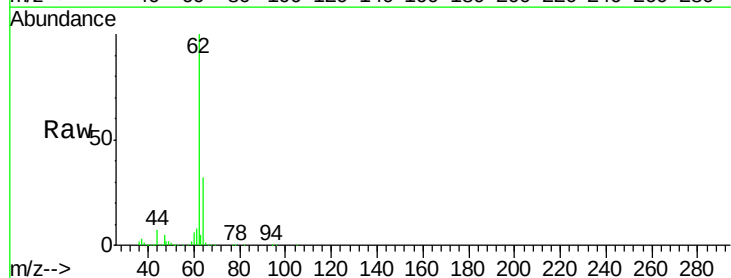
Acq: 02 Jun 2018 00:50

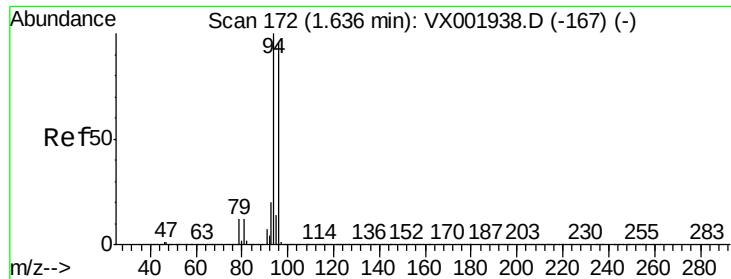
Tgt Ion: 62 Resp: 93341

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 61.340 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 55492

Ion Ratio Lower Upper

94 100

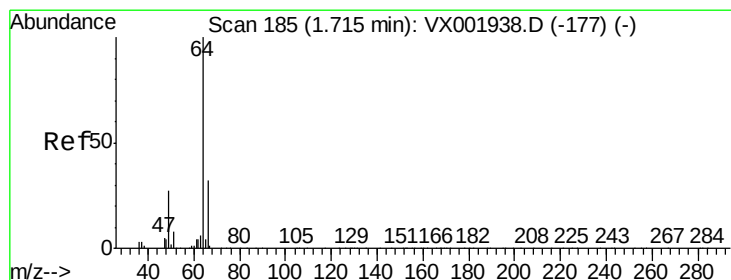
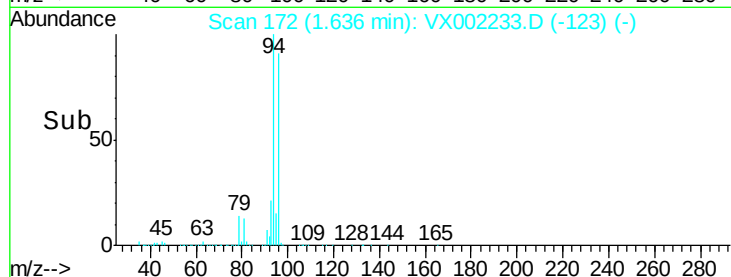
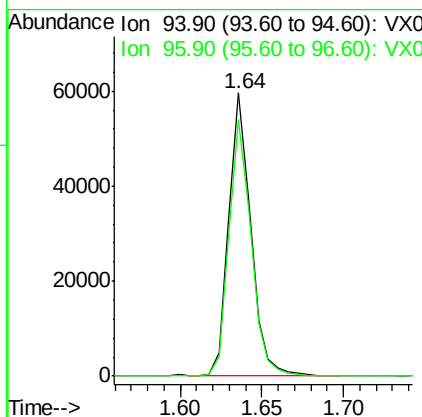
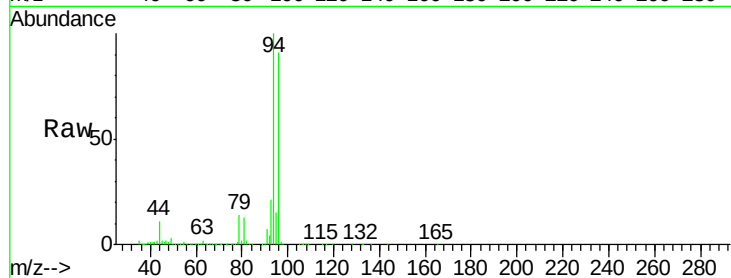
96 90.8 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 55.314 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX002233.D

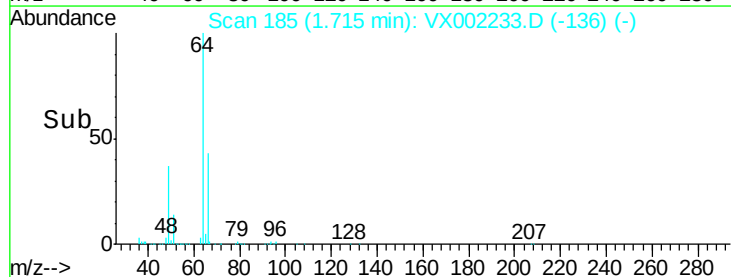
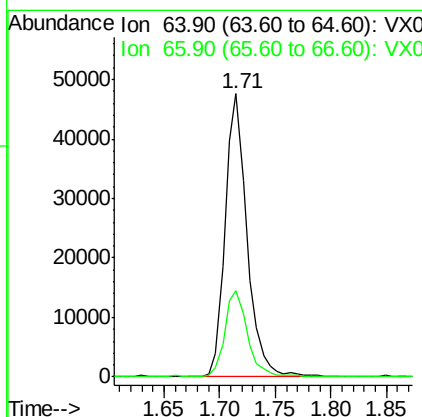
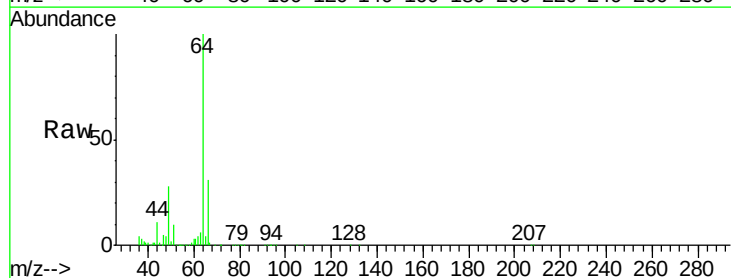
Acq: 02 Jun 2018 00:50

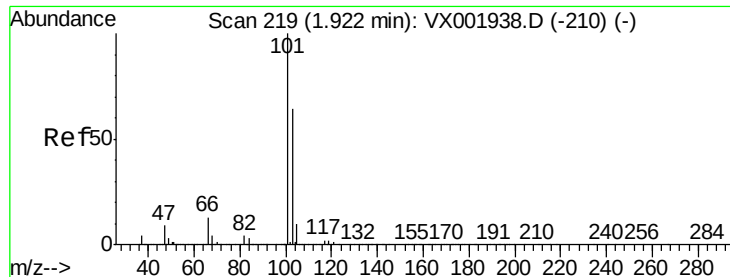
Tgt Ion: 64 Resp: 64315

Ion Ratio Lower Upper

64 100

66 30.4 25.6 38.4





#7

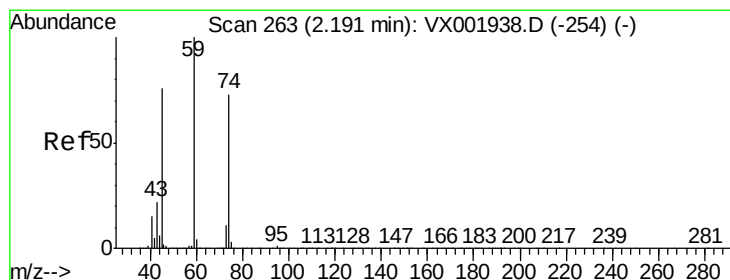
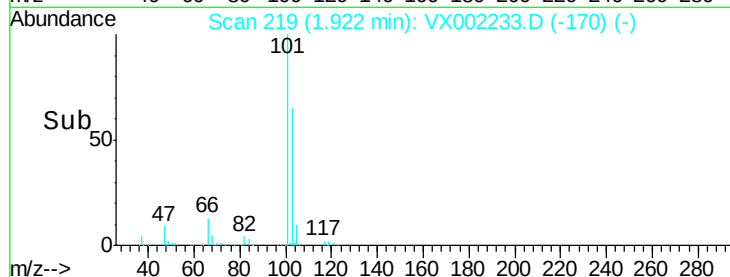
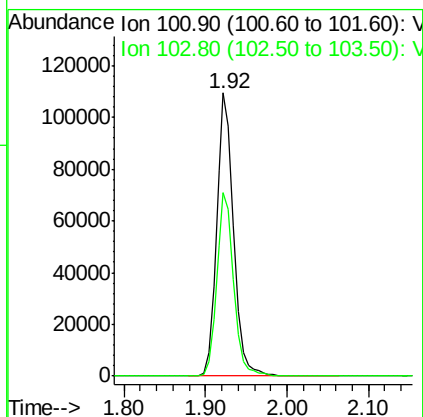
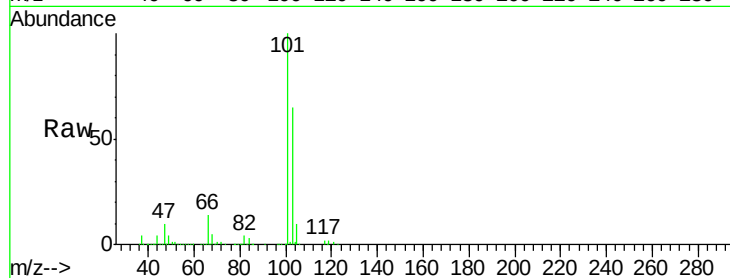
Trichlorofluoromethane
Concen: 53.862 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.0

Manual Integrations
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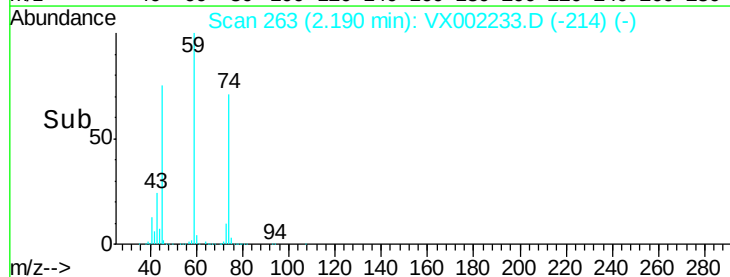
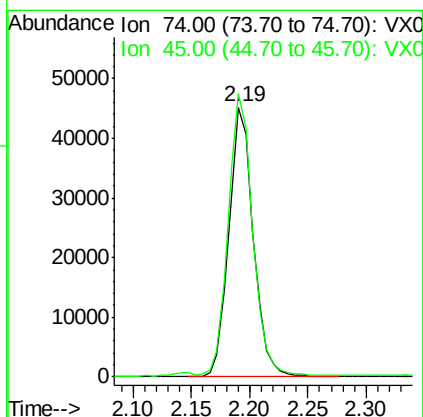
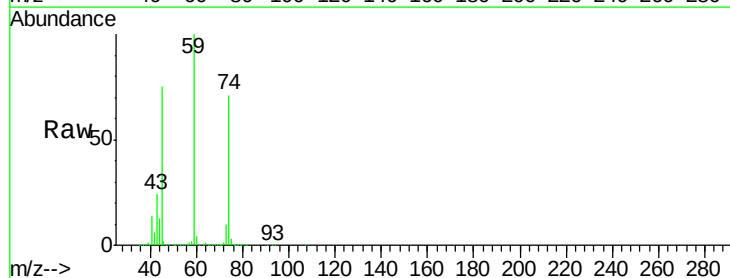
MMDadoda
6/4/2018 2:31:34 PM

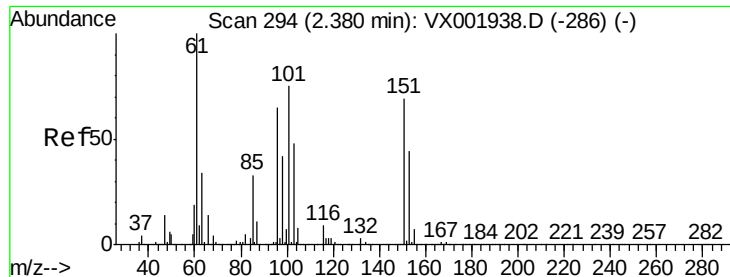


#8

Diethyl Ether
Concen: 61.739 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.712 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

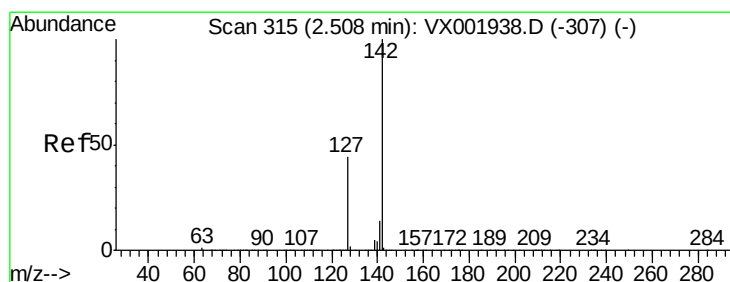
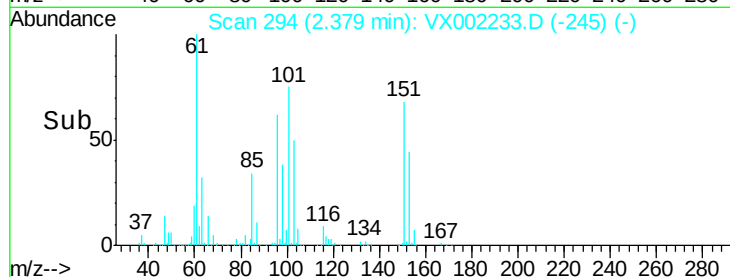
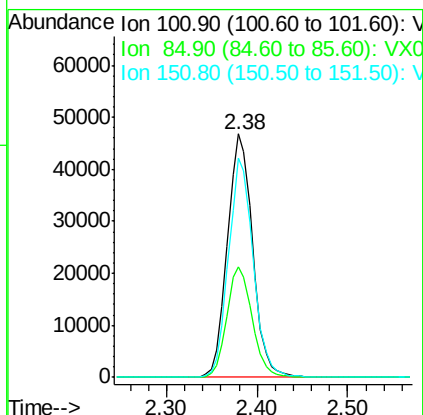
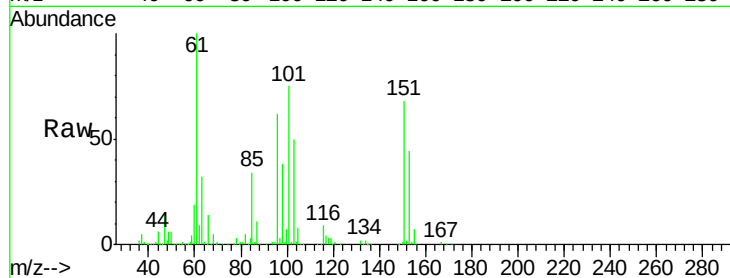
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	90431
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.6	53.4
151	88.5	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 46.982 ug/l

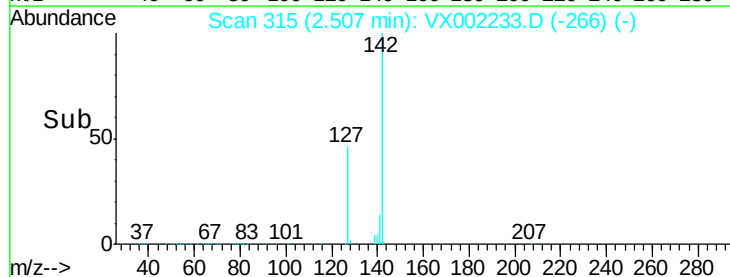
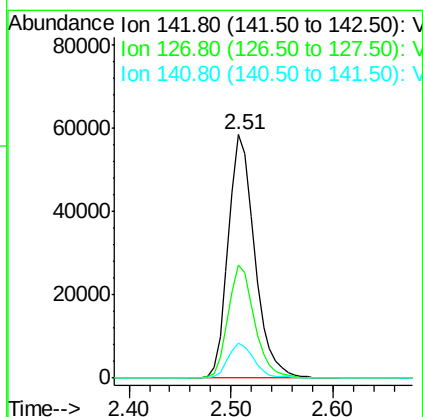
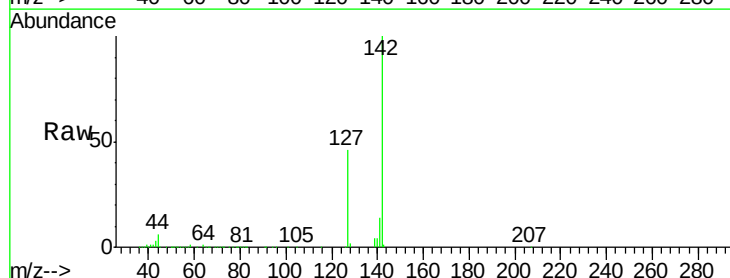
RT: 2.51 min Scan# 315

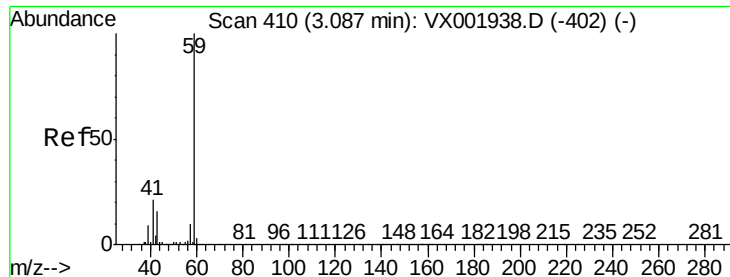
Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	142	Resp:	105072
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.5	53.3
141	14.3	11.3	16.9





#11

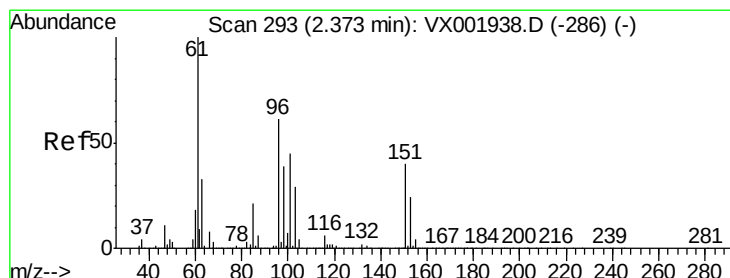
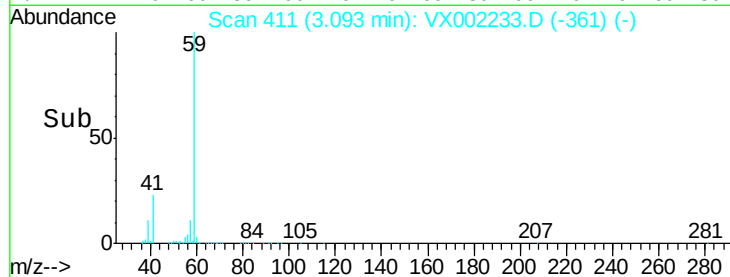
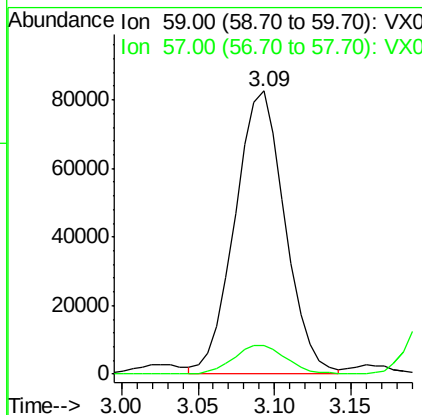
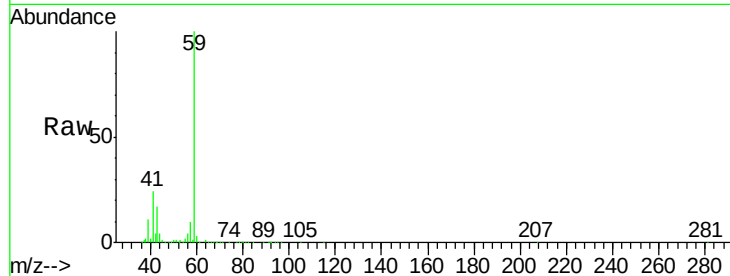
Tert butyl alcohol
Concen: 399.889 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	186285		
57	10.5		8.9	13.3

Manual Integrations
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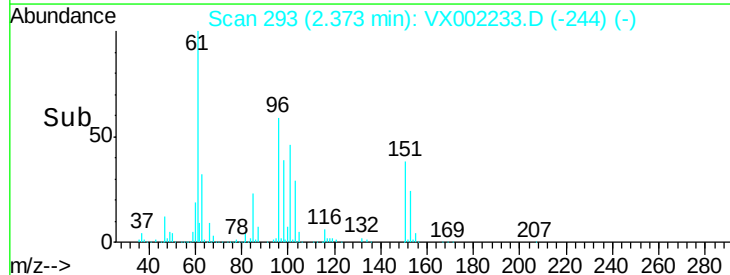
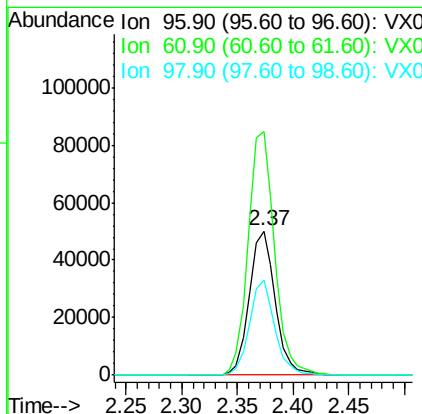
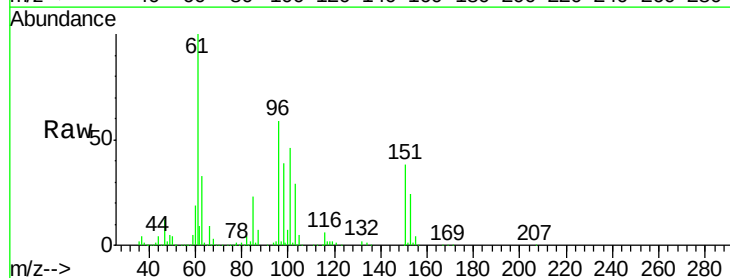
MMDadoda
6/4/2018 2:31:34 PM

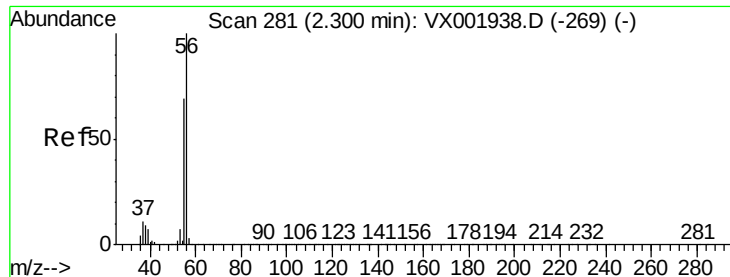


#12

1,1-Dichloroethene
Concen: 52.494 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	81235		
61	168.7		131.7	197.5
98	65.6		51.6	77.4





#13

Acrolein

Concen: 244.993 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 49345

Ion Ratio Lower Upper

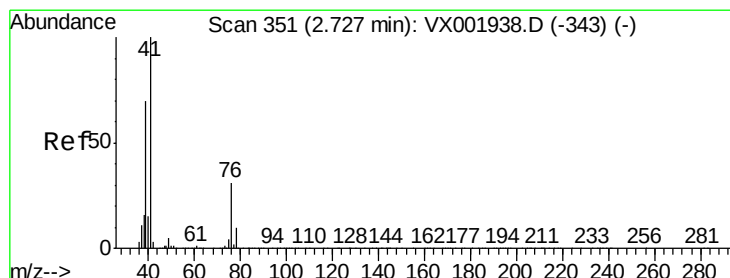
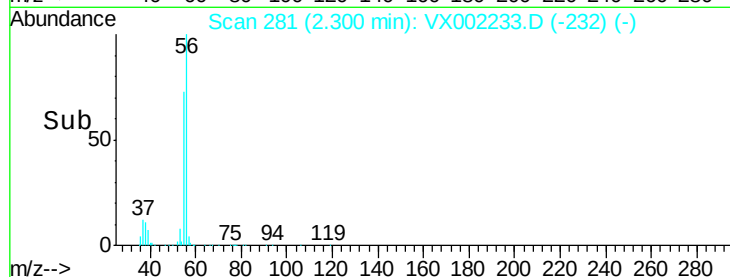
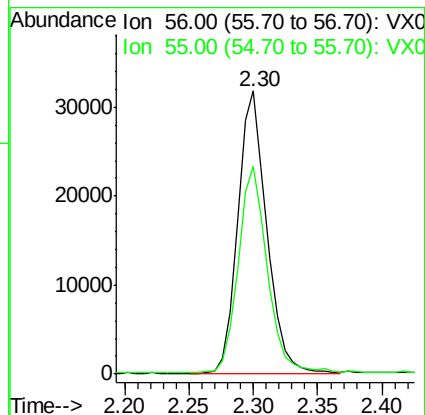
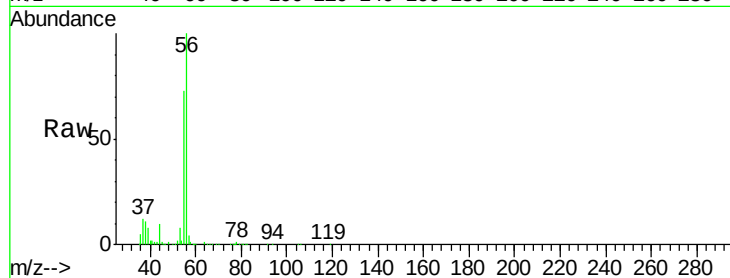
56 100

55 73.6 56.8 85.2

Manual Integrations
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#14

Allyl chloride

Concen: 55.796 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

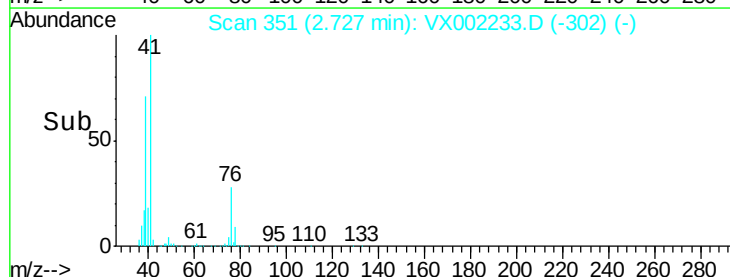
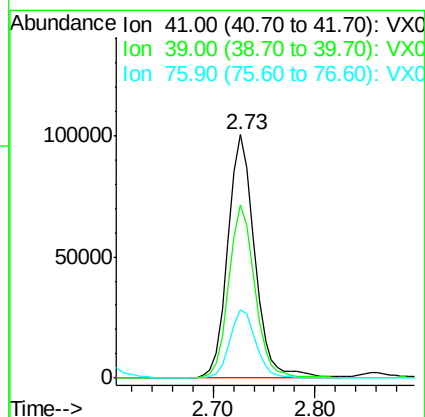
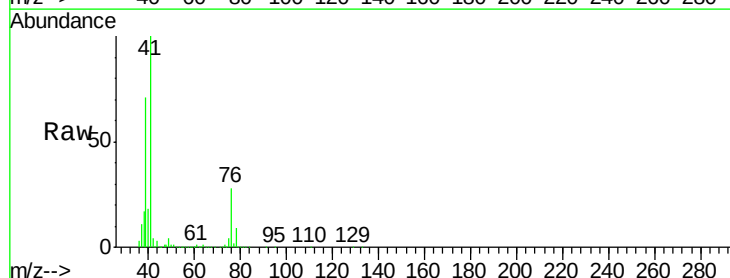
Tgt Ion: 41 Resp: 181245

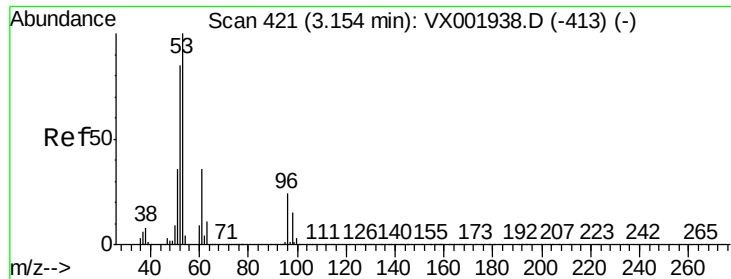
Ion Ratio Lower Upper

41 100

39 69.0 54.3 81.5

76 27.4 24.2 36.4





#15

Acrylonitrile

Concen: 387.841 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

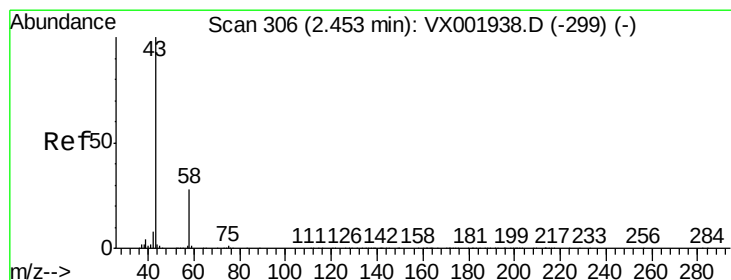
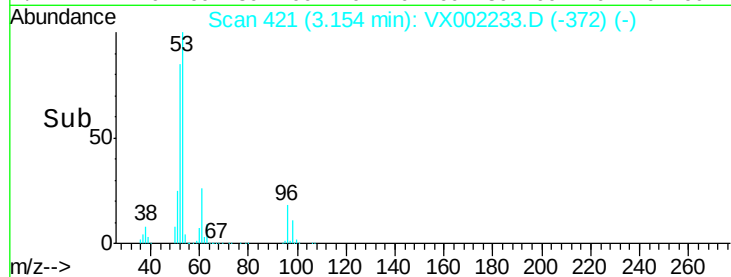
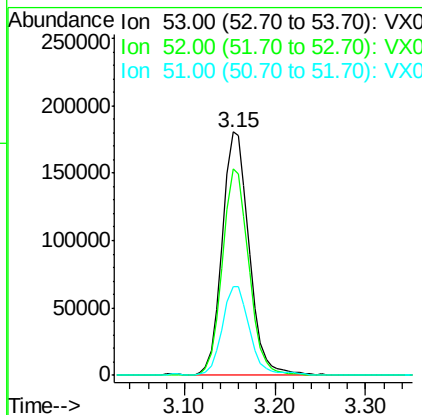
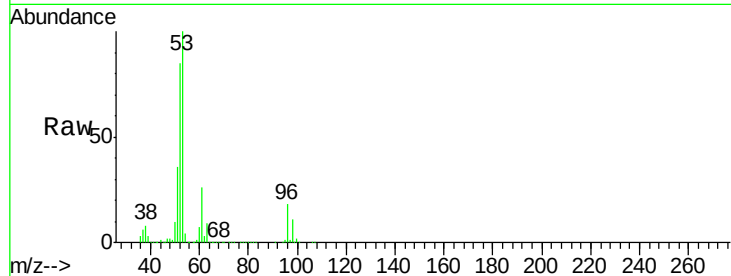
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	371530
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.4	99.6
51	37.1	29.3	43.9

Manual Integrations
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6/4/2018 2:31:34 PM



#16

Acetone

Concen: 399.550 ug/l

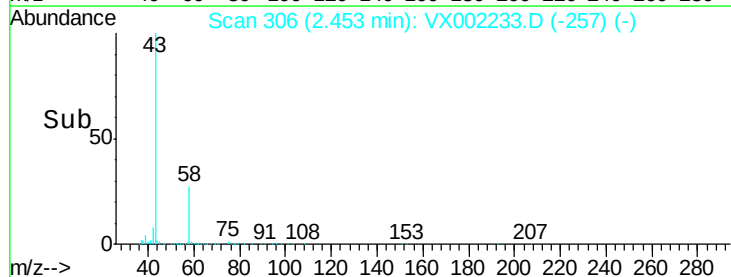
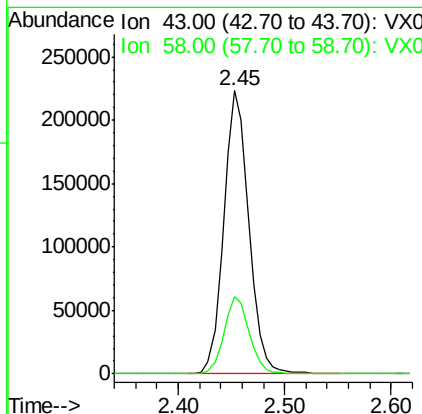
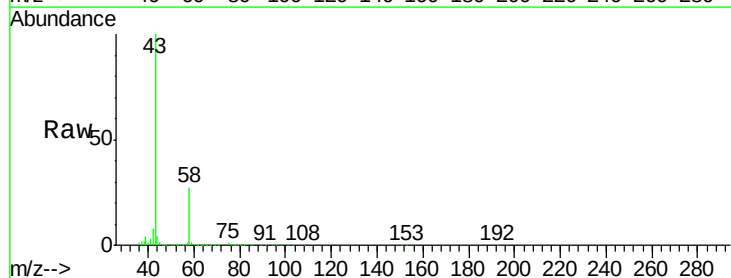
RT: 2.45 min Scan# 306

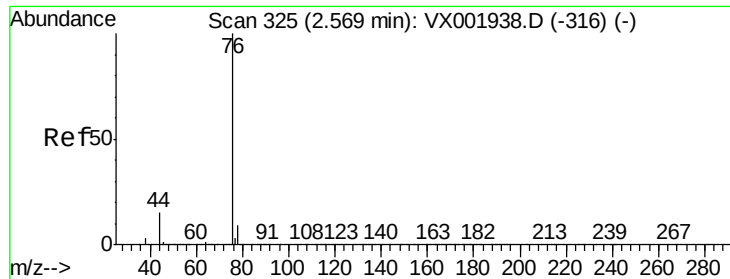
Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	43	Resp:	365944
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5





#17

Carbon Disulfide

Concen: 35.929 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 160017

Ion Ratio Lower Upper

76 100

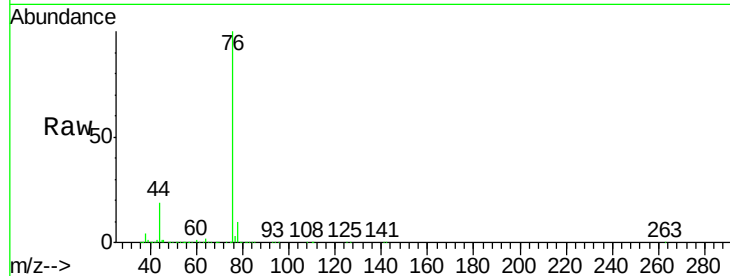
78 9.4 7.4 11.2

Manual Integrations

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6/4/2018 2:31:34 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

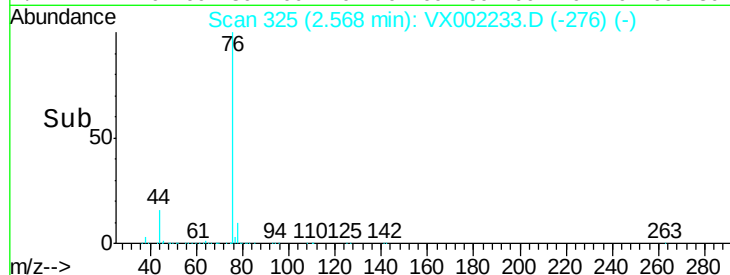
60000

40000

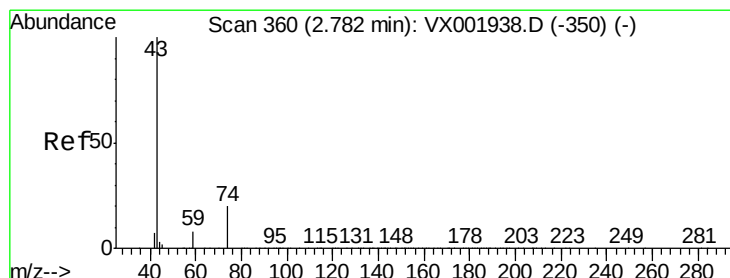
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 88.057 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002233.D

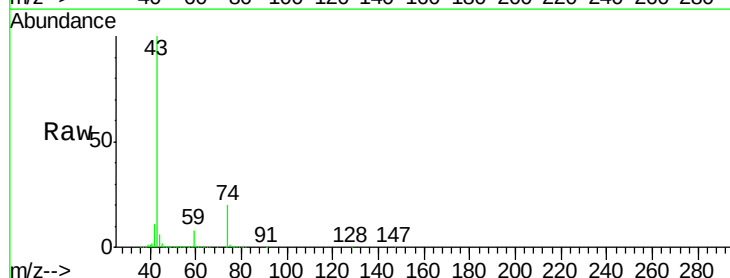
Acq: 02 Jun 2018 00:50

Tgt Ion: 43 Resp: 192377

Ion Ratio Lower Upper

43 100

74 20.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

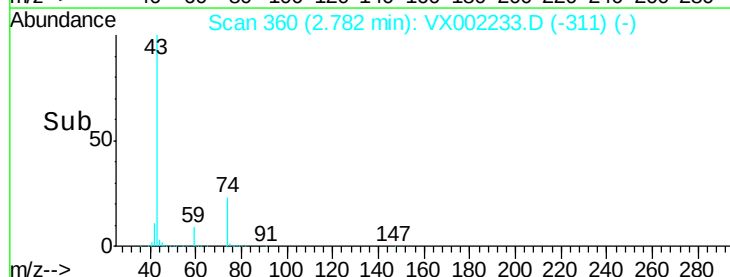
60000

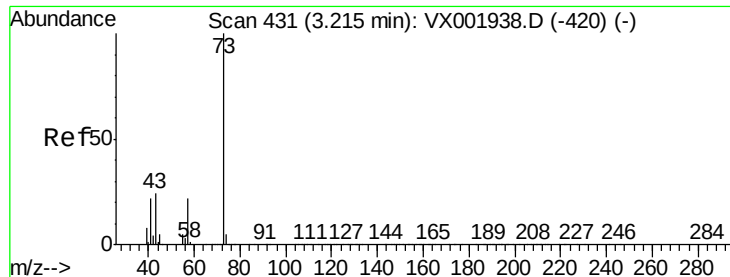
40000

20000

0

Time-->





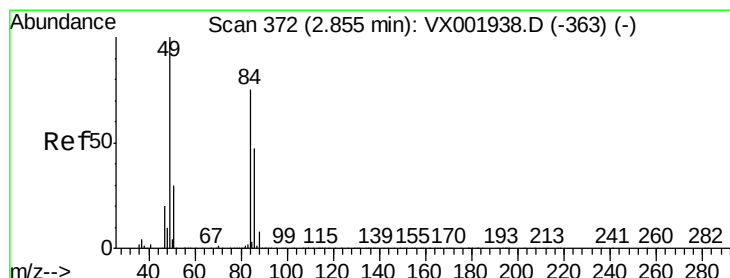
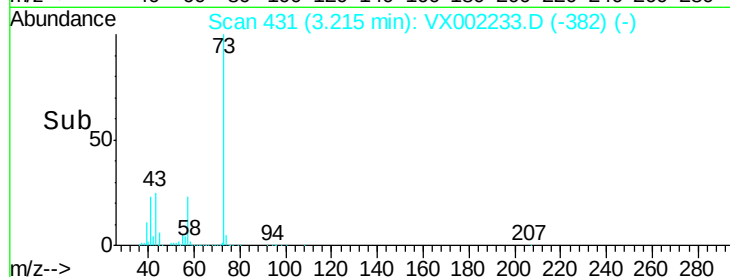
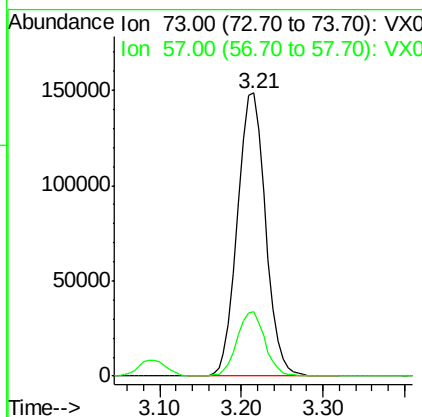
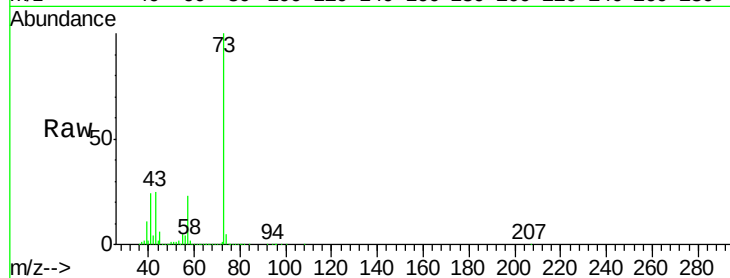
#19
Methyl tert-butyl Ether
Concen: 61.067 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 355429
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

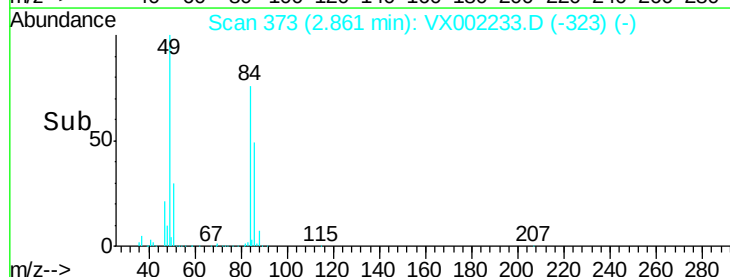
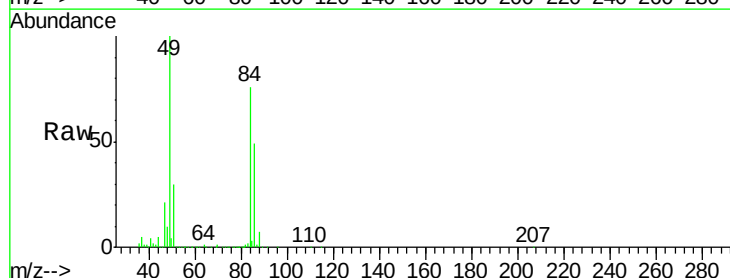
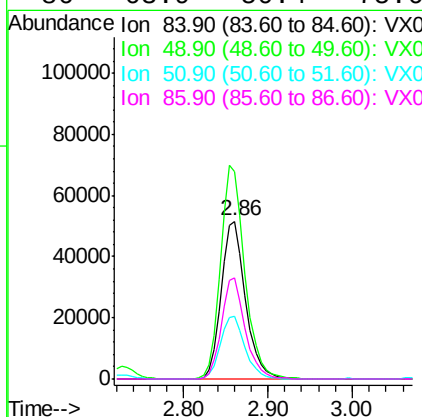
Manual Integrations
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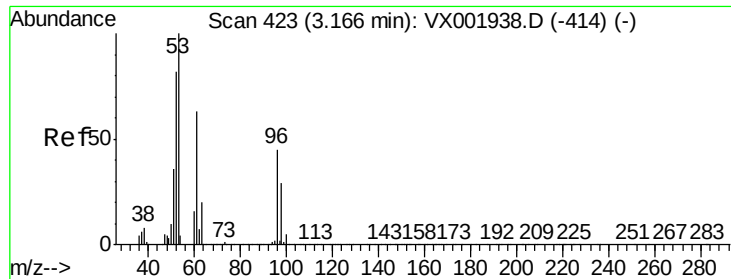
MMDadoda
6/4/2018 2:31:34 PM



#20
Methylene Chloride
Concen: 65.206 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion: 84 Resp: 102601
Ion Ratio Lower Upper
84 100
49 131.6 107.2 160.8
51 39.9 32.4 48.6
86 63.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 58.674 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

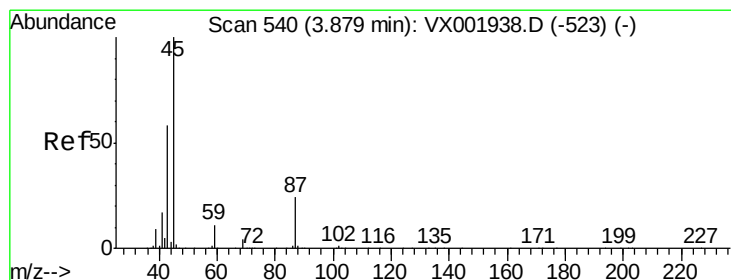
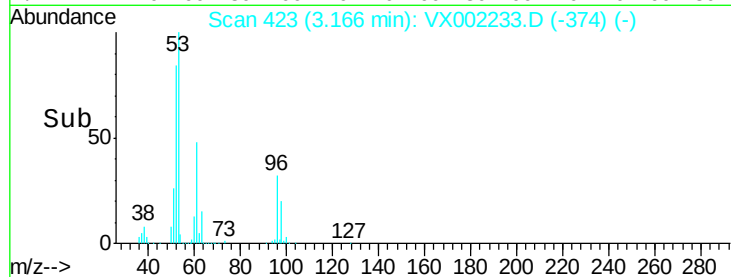
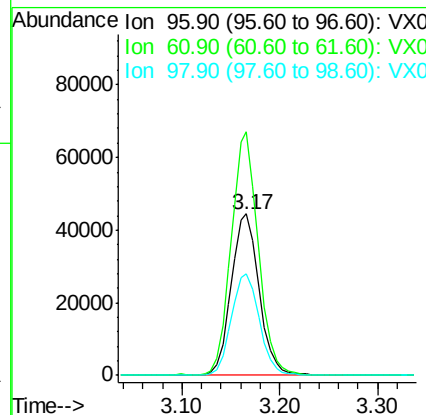
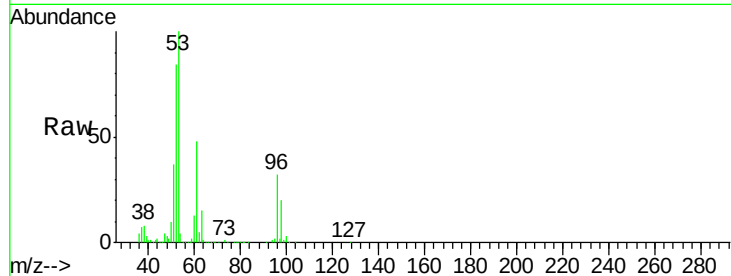
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	87984
Ion	Ratio	Lower	Upper
96	100		
61	150.4	113.3	169.9
98	62.9	51.7	77.5

Manual Integrations
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MMDadoda
6/4/2018 2:31:34 PM



#22

Diisopropyl ether

Concen: 50.486 ug/l

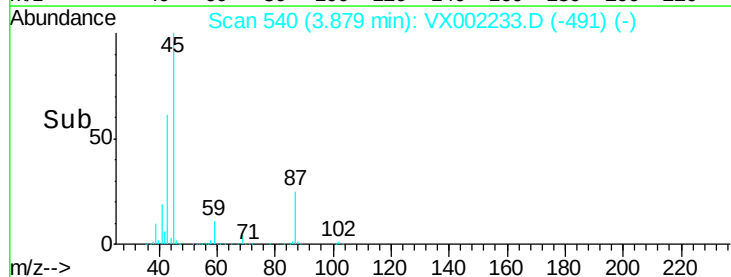
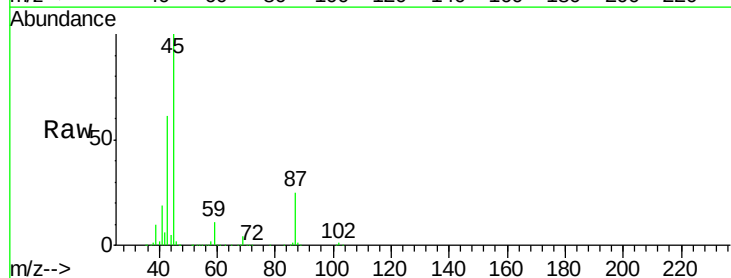
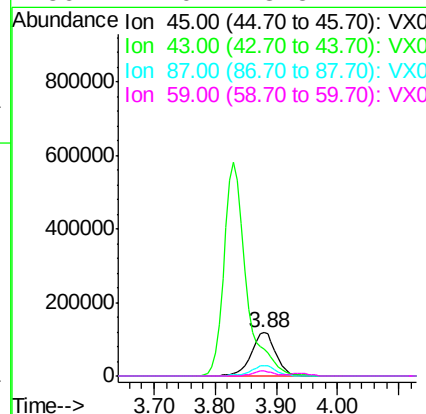
RT: 3.88 min Scan# 540

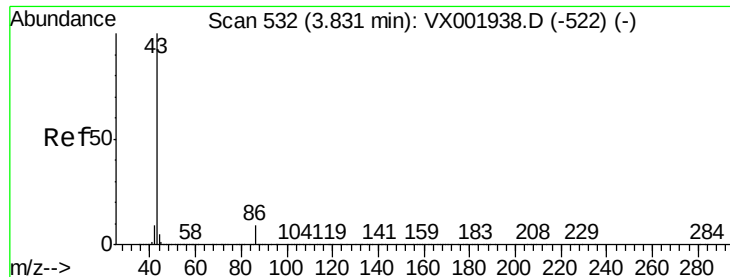
Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	45	Resp:	333579
Ion	Ratio	Lower	Upper
45	100		
43	61.3	47.0	70.6
87	24.8	19.4	29.0
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 269.470 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1476214

Ion Ratio Lower Upper

43 100

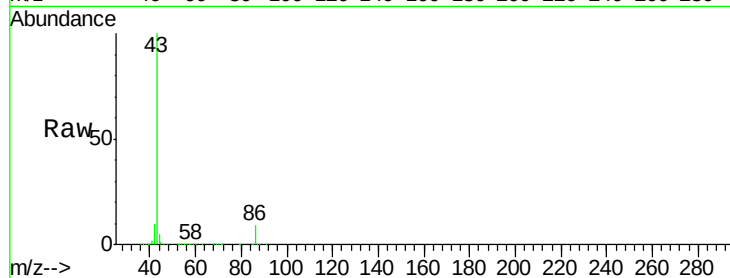
86 8.8 7.6 11.4

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:34 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

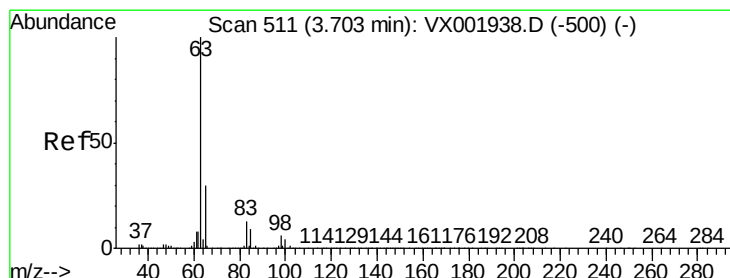
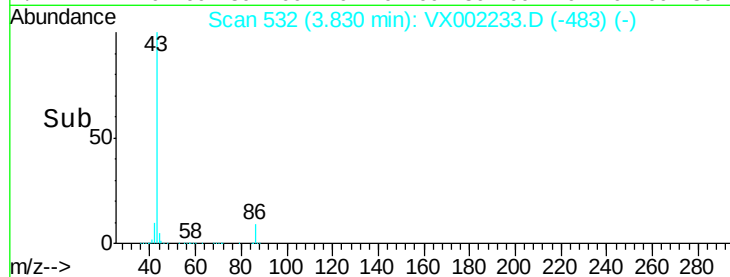
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.786 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

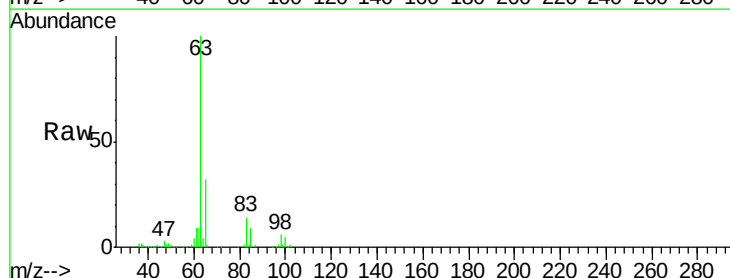
Tgt Ion: 63 Resp: 162538

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

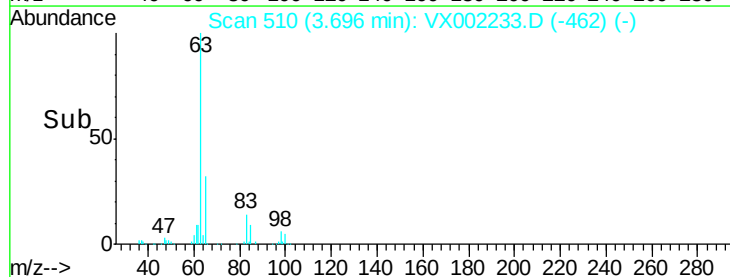
40000

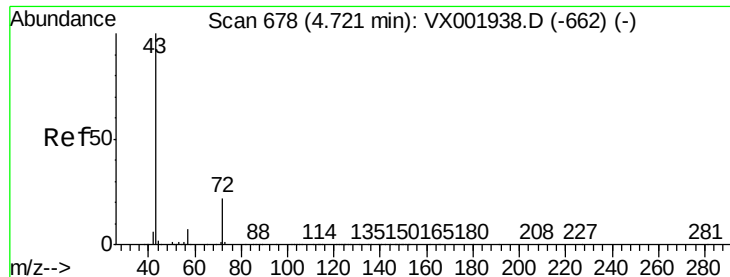
20000

0

3.50 3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 304.181 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 510617

Ion Ratio Lower Upper

43 100

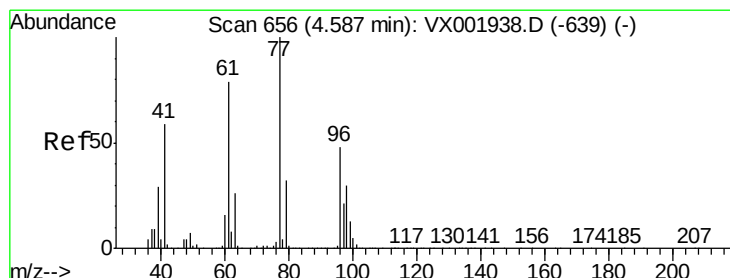
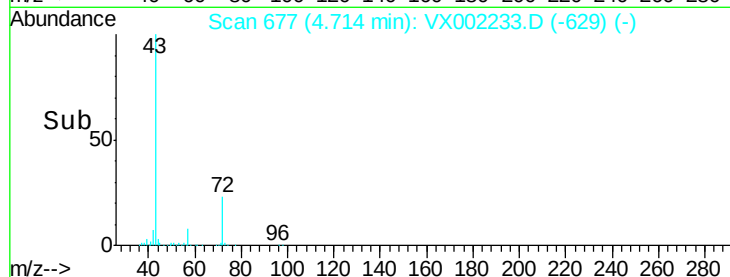
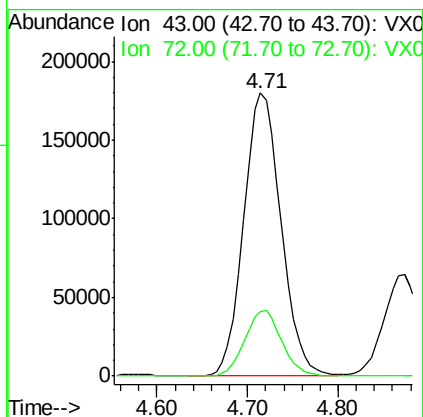
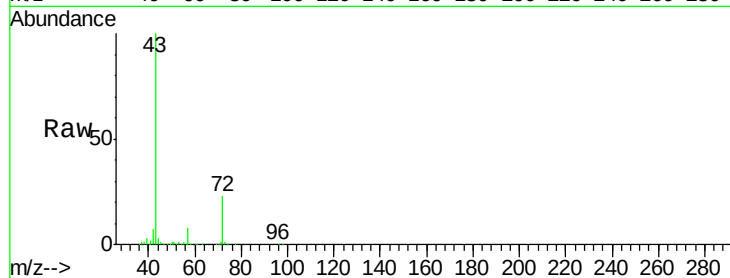
72 22.7 17.9 26.9

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:34 PM



#26

2,2-Dichloropropane

Concen: 32.899 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002233.D

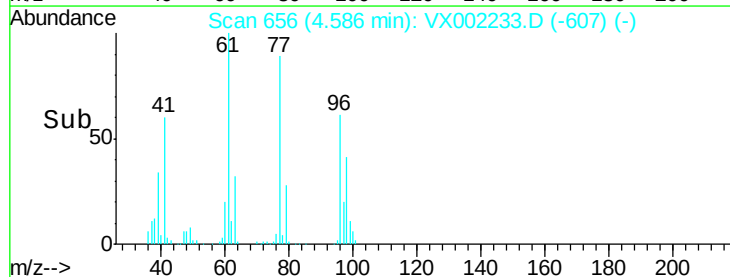
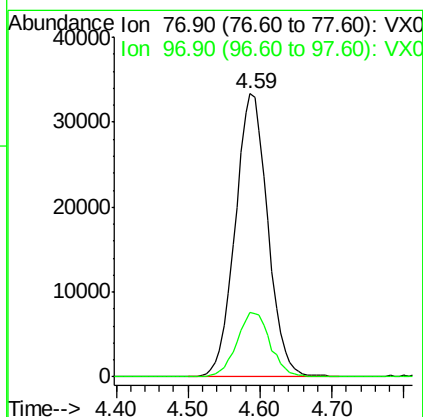
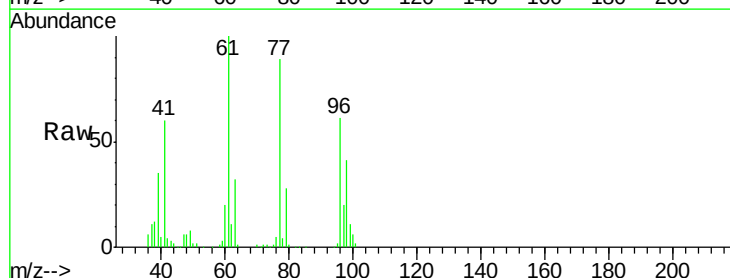
Acq: 02 Jun 2018 00:50

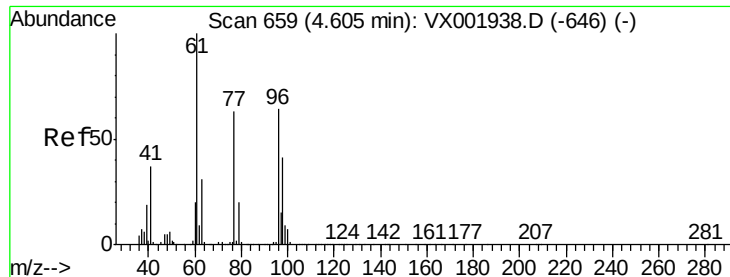
Tgt Ion: 77 Resp: 104514

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5





#27

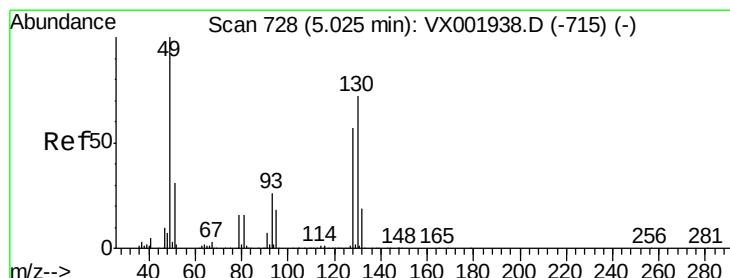
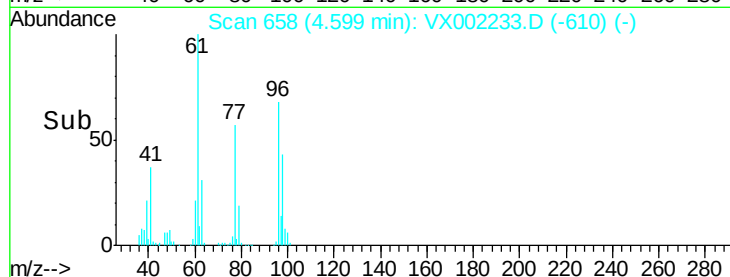
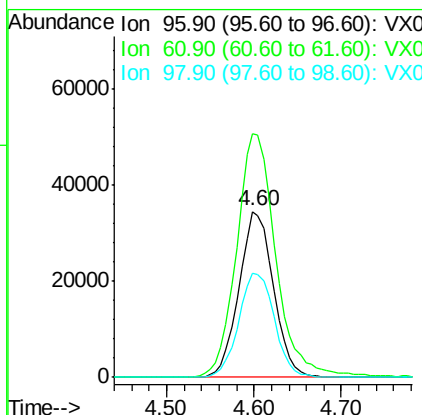
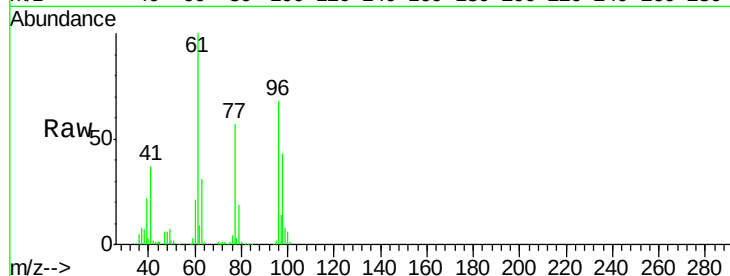
cis-1,2-Dichloroethene
Concen: 46.771 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	348.4
98	65.2	0.0	128.6

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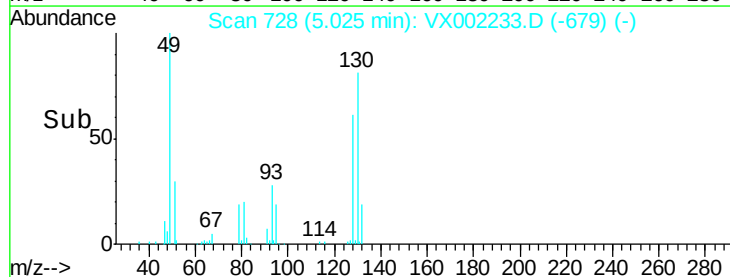
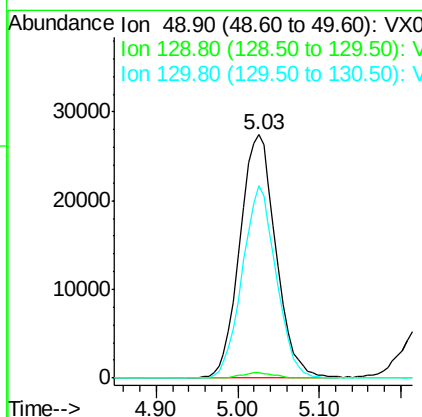
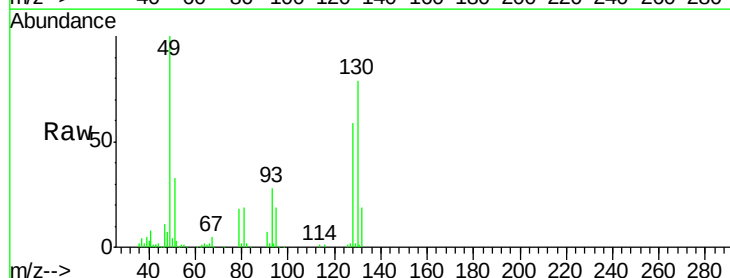
MMDadoda
6/4/2018 2:31:34 PM

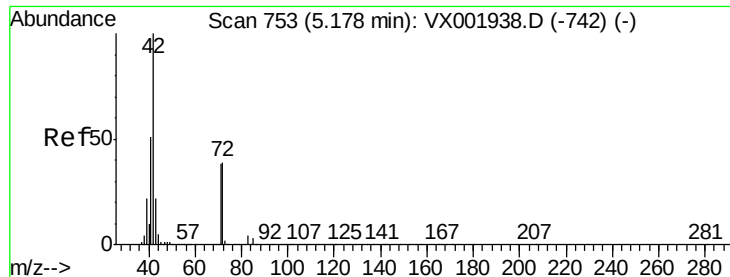


#28

Bromochloromethane
Concen: 64.452 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.4	59.4	89.2





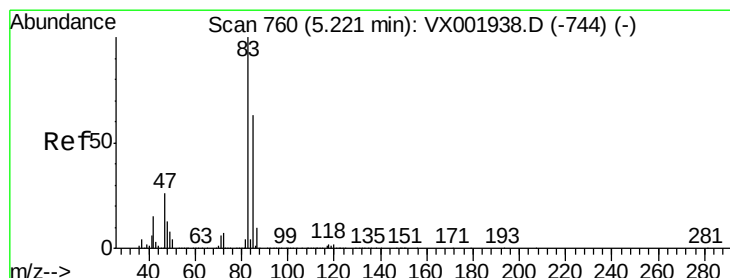
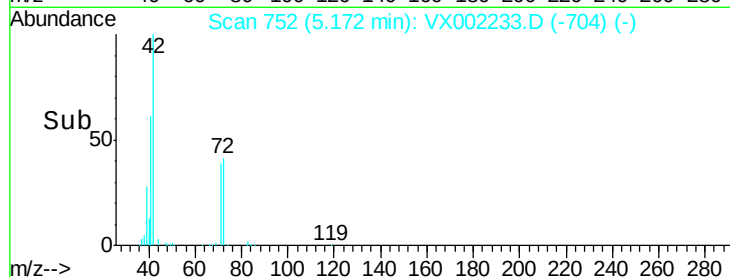
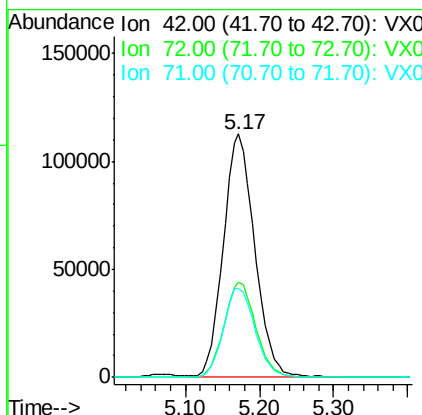
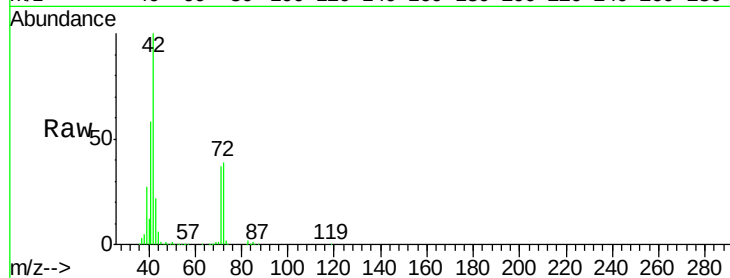
#29
Tetrahydrofuran
Concen: 301.977 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.4	47.0
71	37.3	29.5	44.3

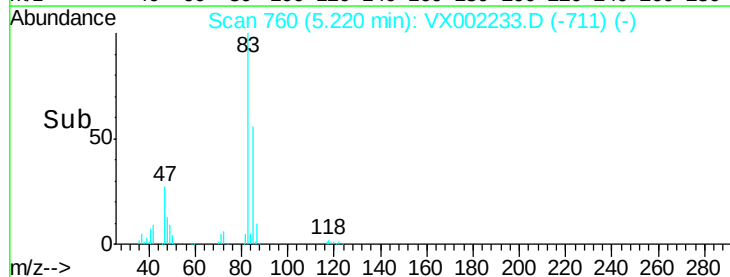
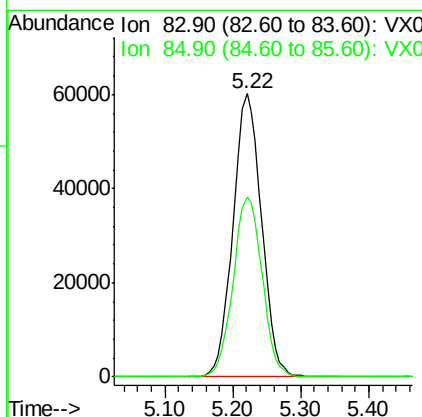
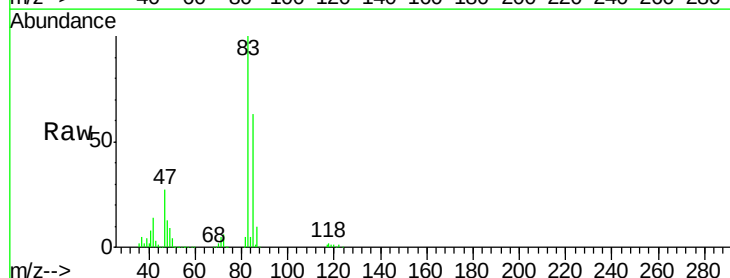
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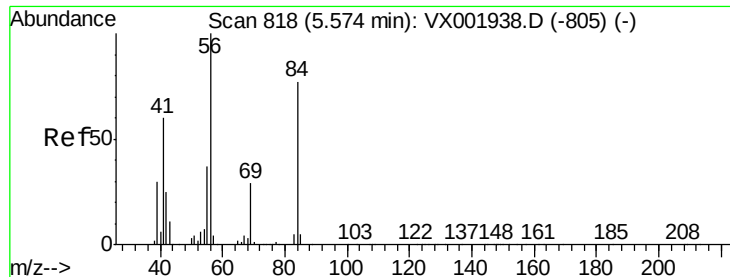
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#30
Chloroform
Concen: 49.526 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3





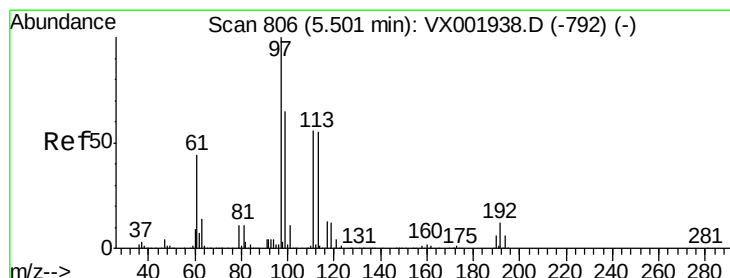
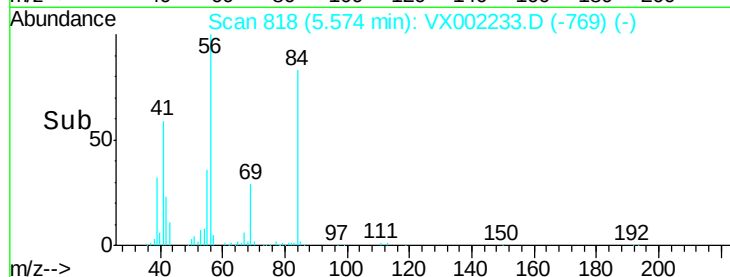
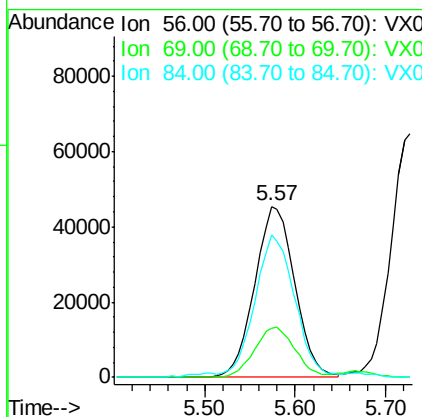
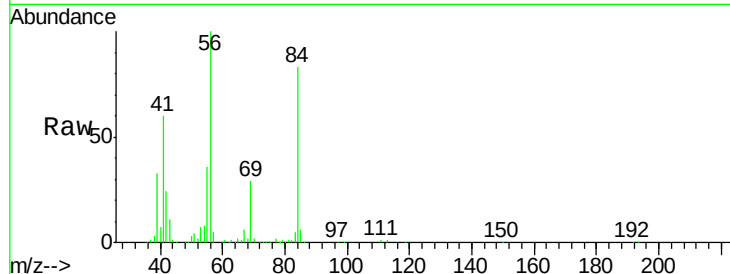
#31
Cyclohexane
Concen: 42.591 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	81.8	62.0	93.0

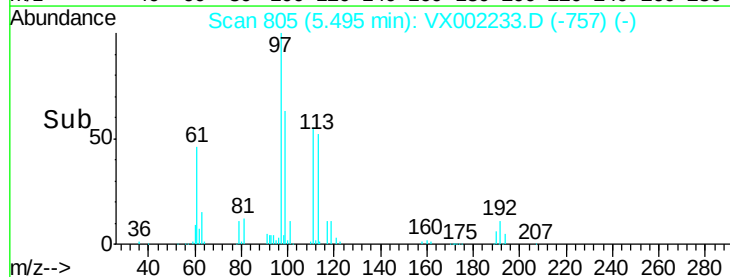
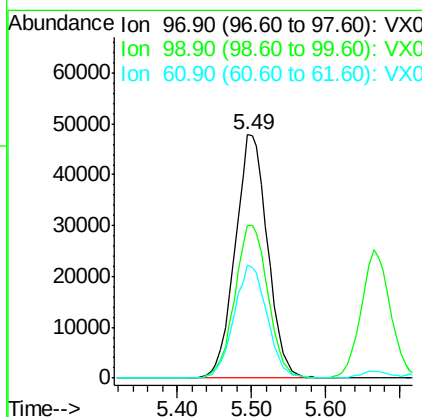
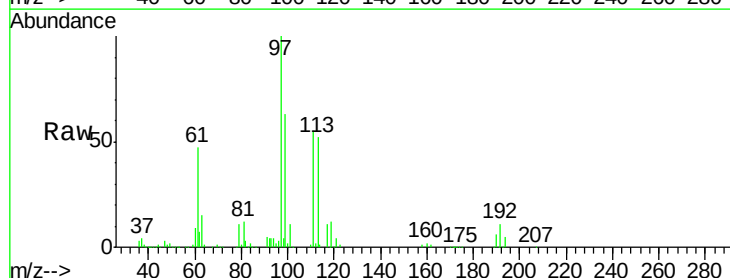
Manual Integrations
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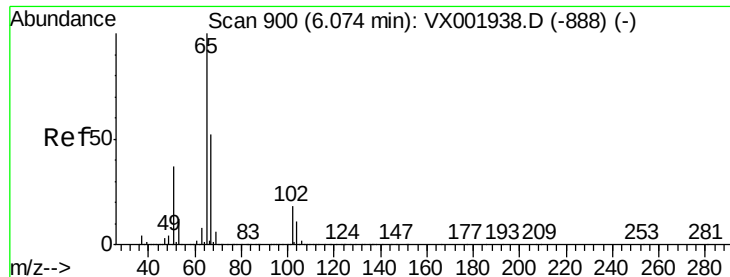
MMDadoda
6/4/2018 2:31:34 PM



#32
1,1,1-Trichloroethane
Concen: 44.323 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	47.3	35.9	53.9





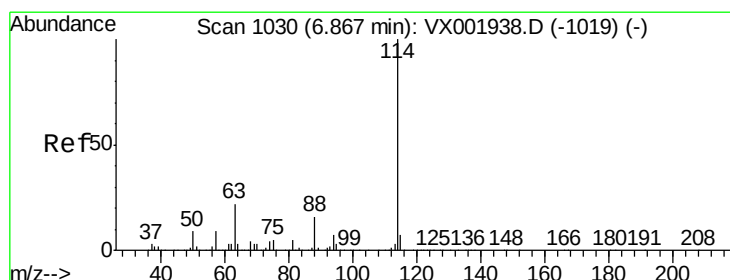
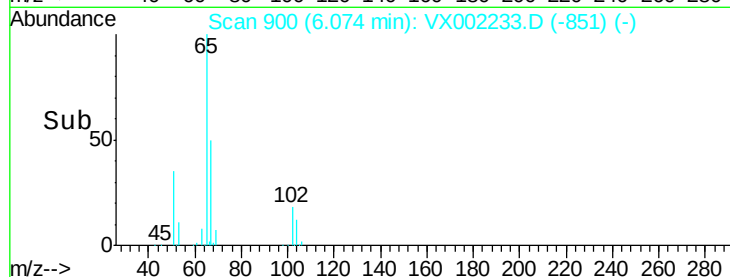
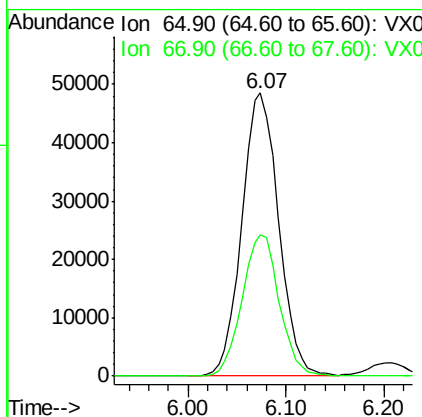
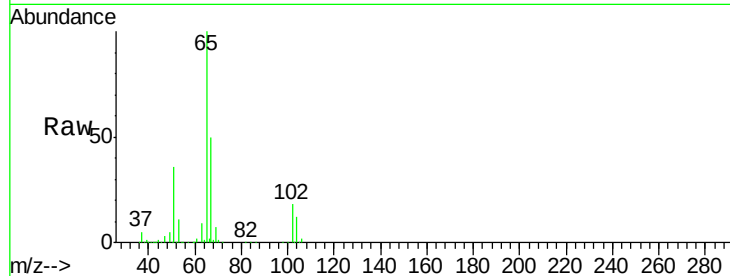
#33
 1,2-Dichloroethane-d4
 Concen: 53.448 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 126842
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0

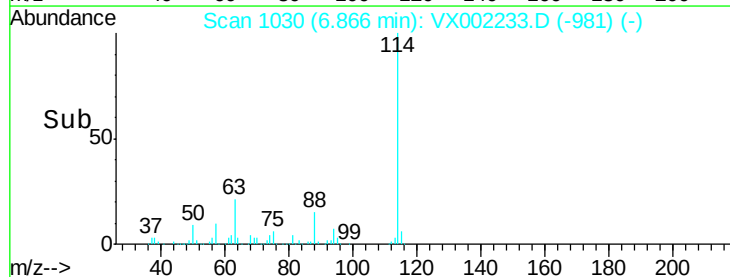
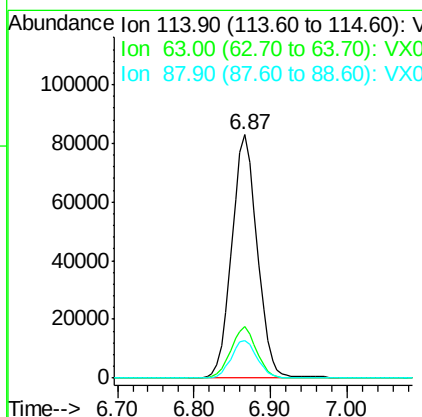
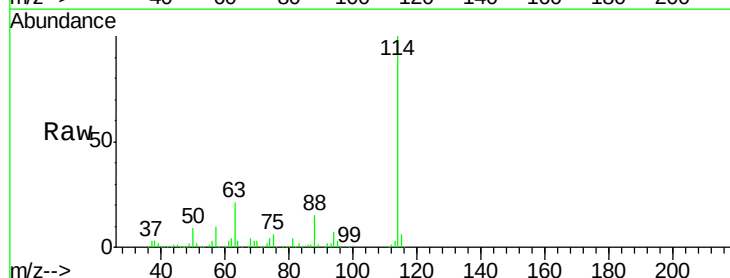
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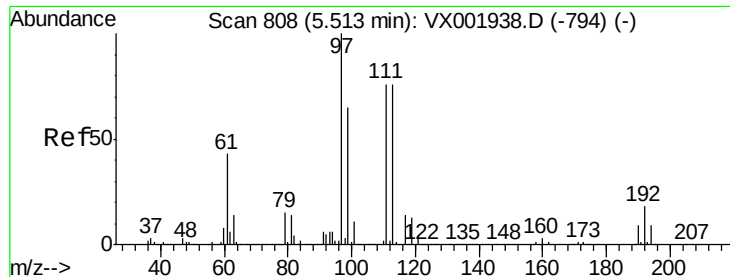
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion: 114 Resp: 191701
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

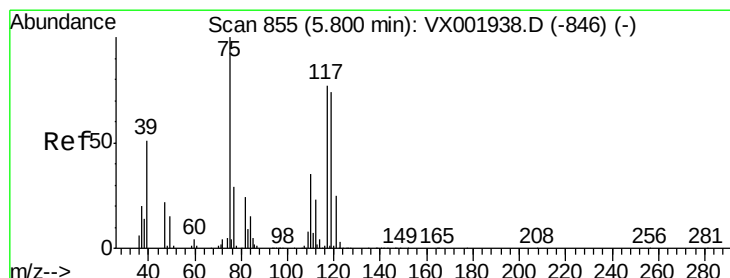
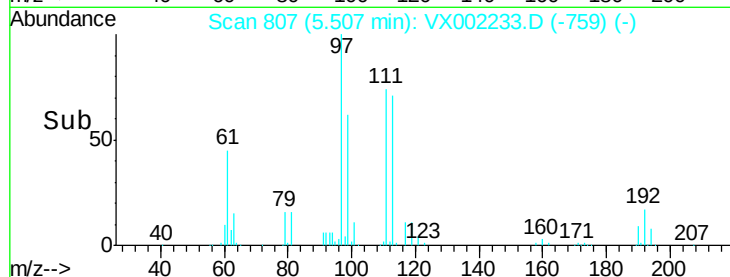
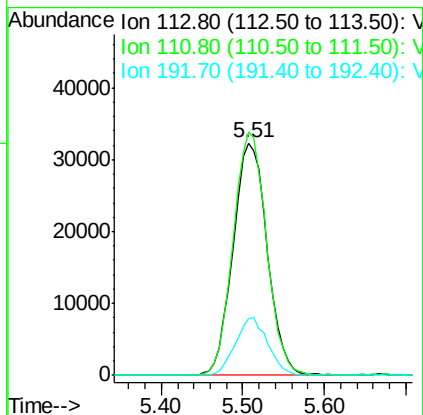
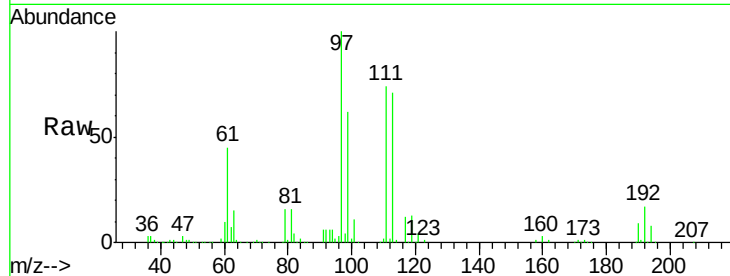
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	93685
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.0	123.0
192	23.4	18.9	28.3

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#36

1,1-Dichloropropene

Concen: 43.183 ug/l

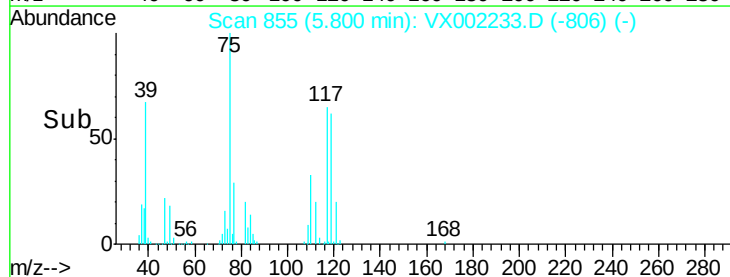
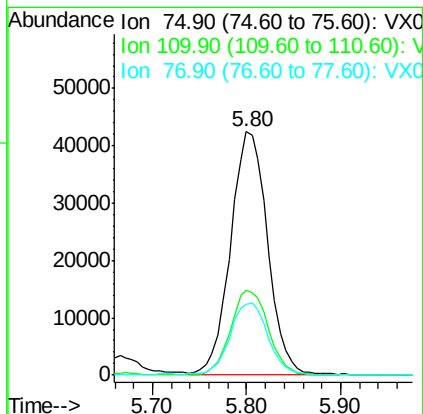
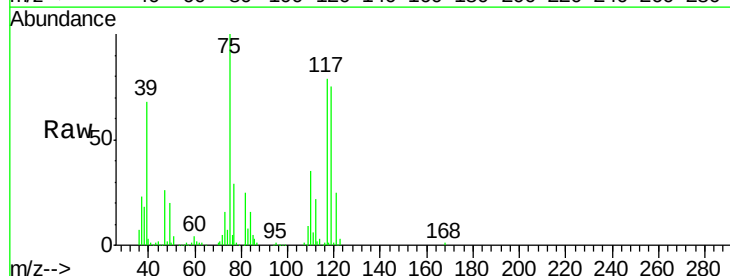
RT: 5.80 min Scan# 855

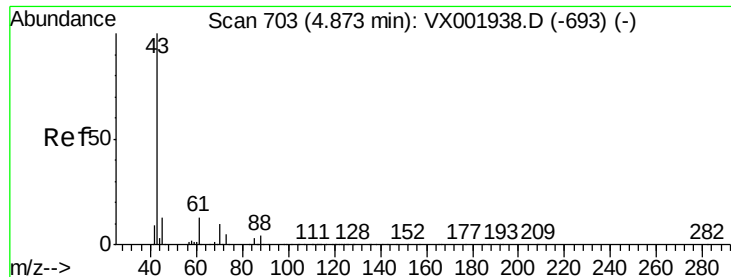
Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	75	Resp:	115147
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.4	52.2
77	30.3	24.4	36.6





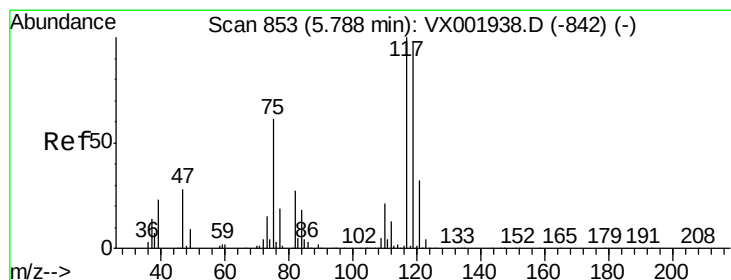
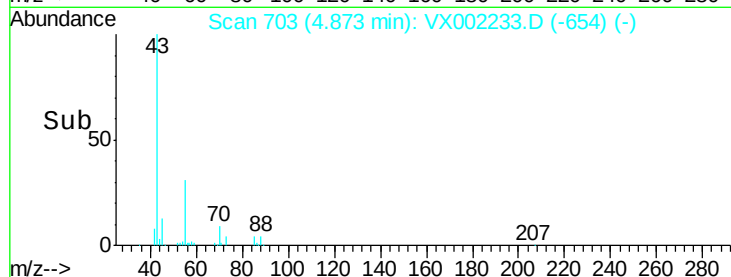
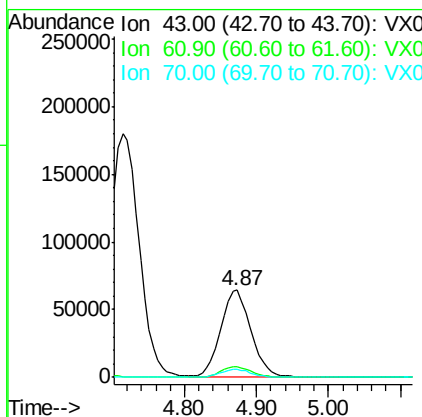
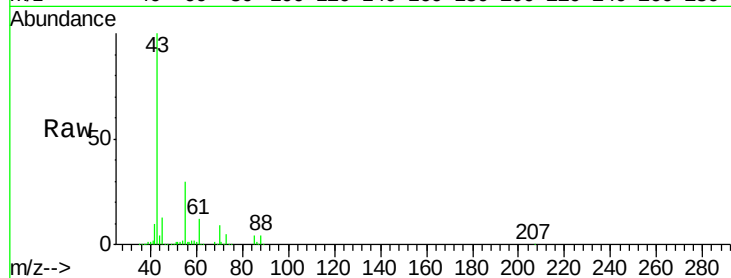
#37
Ethyl Acetate
Concen: 53.920 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	9.5	7.8	11.8

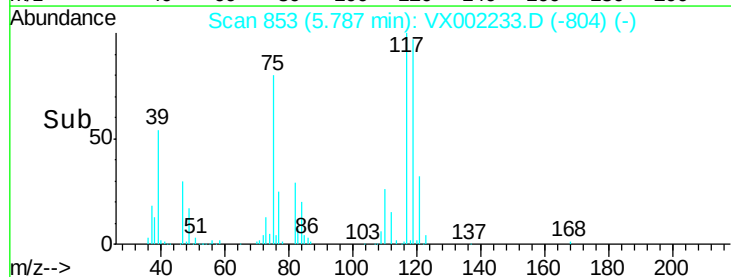
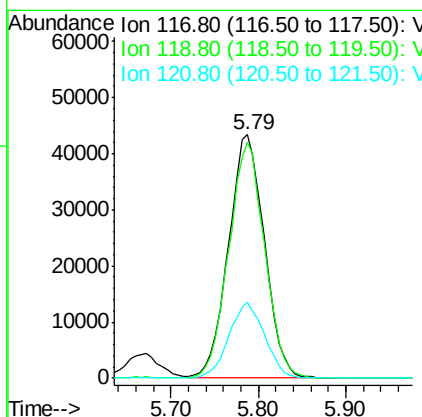
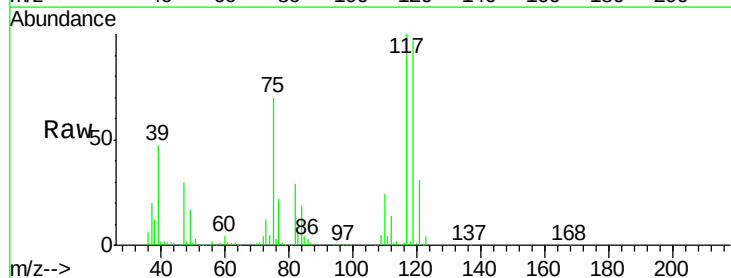
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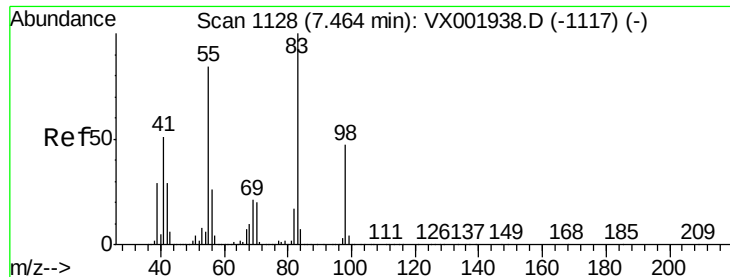
MMDadoda
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#38
Carbon Tetrachloride
Concen: 39.920 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.5	117.7
121	31.1	25.5	38.3





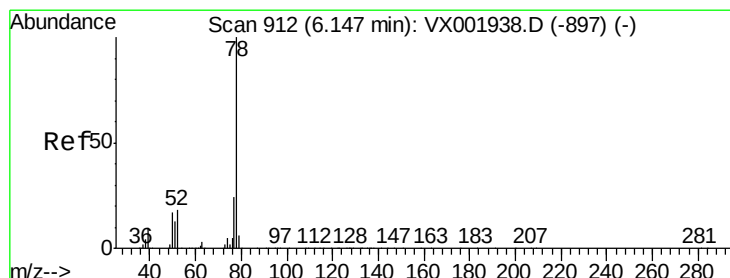
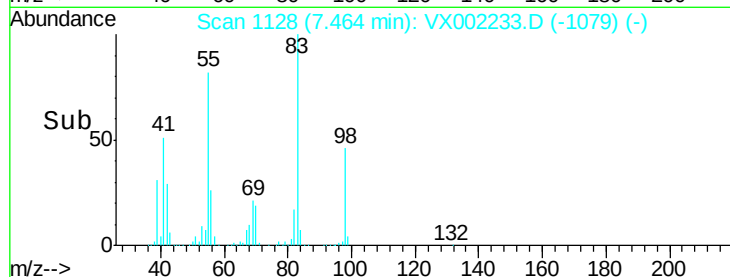
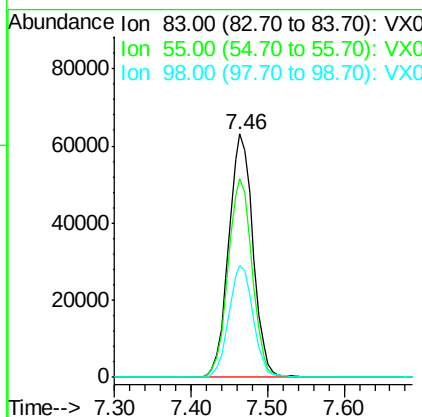
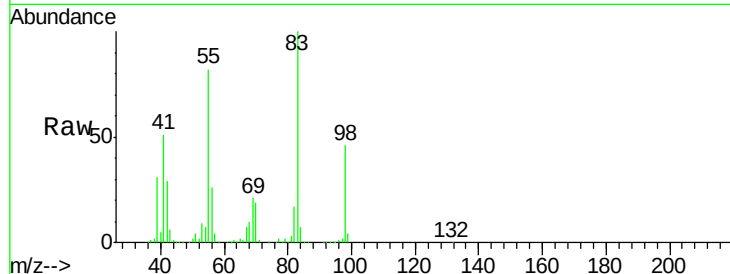
#39
Methylcyclohexane
Concen: 42.246 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.7	67.3	100.9
98	46.1	37.5	56.3

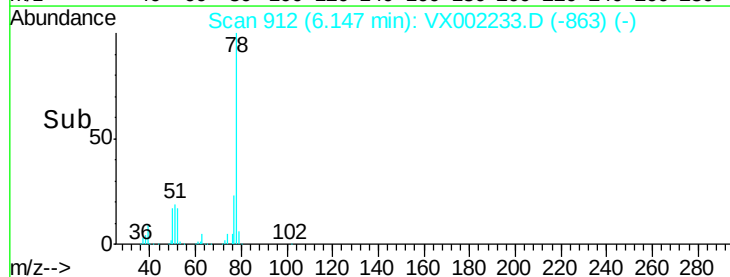
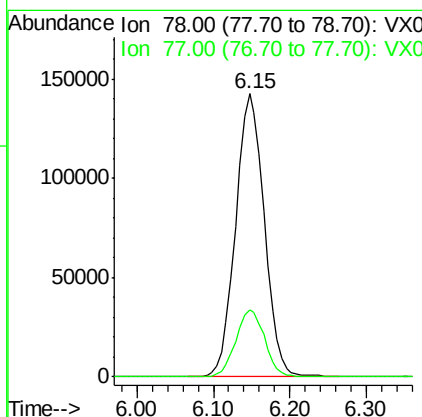
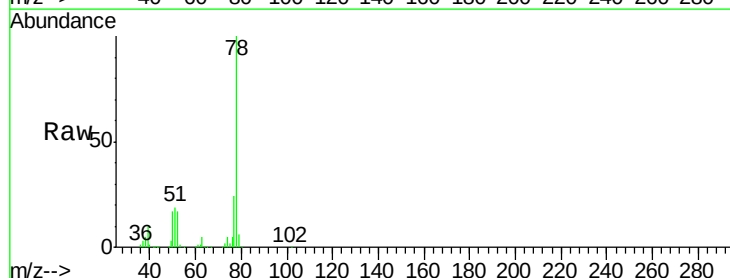
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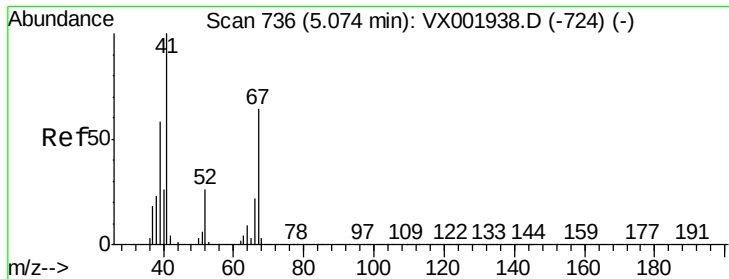
MMDadoda
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#40
Benzene
Concen: 47.498 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





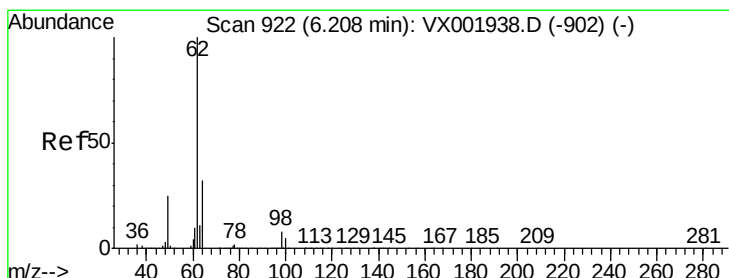
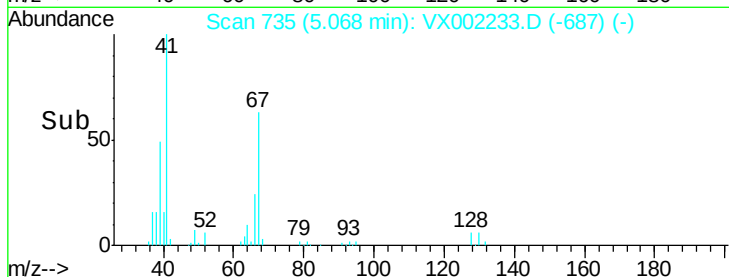
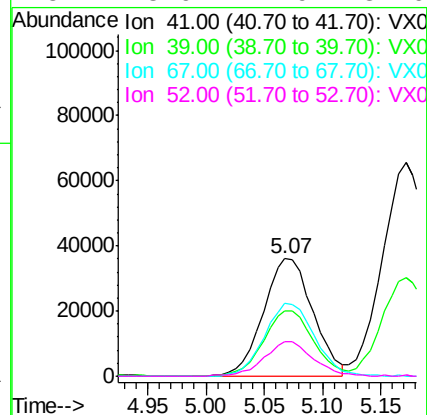
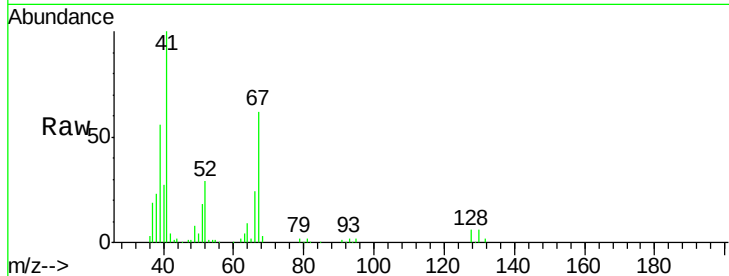
#41
Methacrylonitrile
Concen: 57.577 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	46.0	69.0	
67	63.7	50.6	75.8	
52	28.9	21.9	32.9	

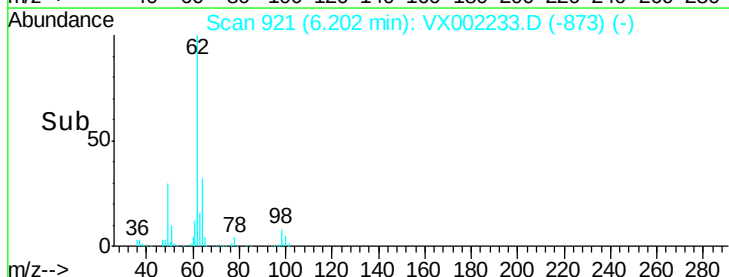
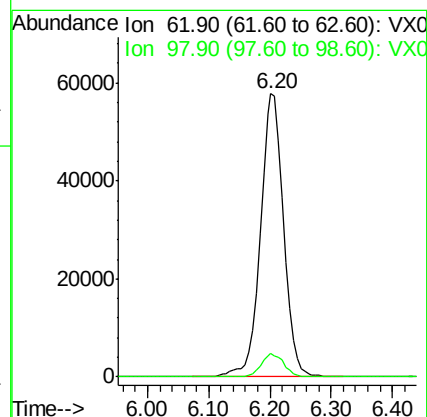
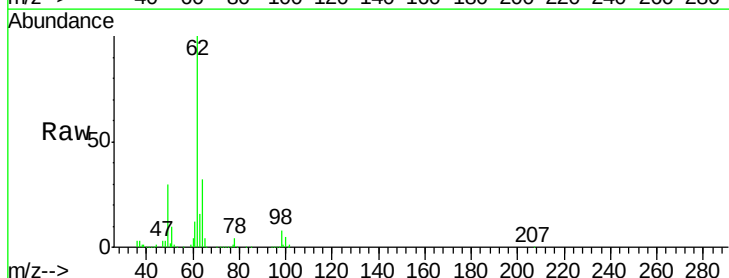
Manual Integrations
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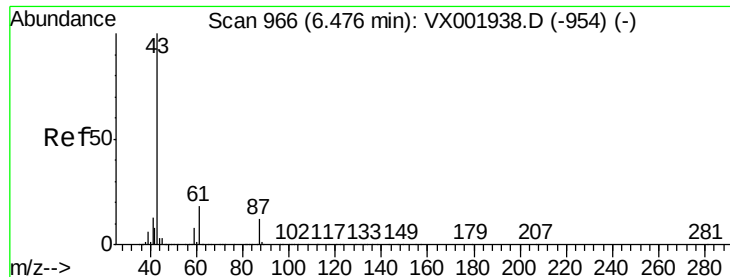
MMDadoda
6/4/2018 2:31:34 PM



#42
1,2-Dichloroethane
Concen: 49.284 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	17.0	





#43

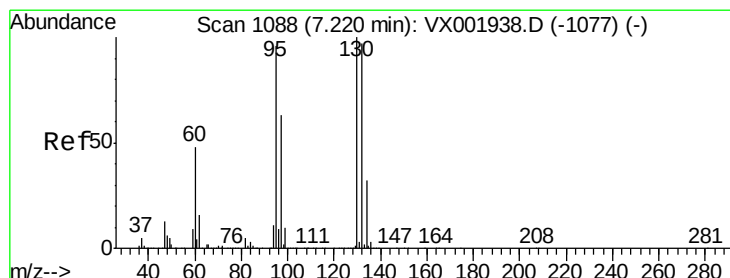
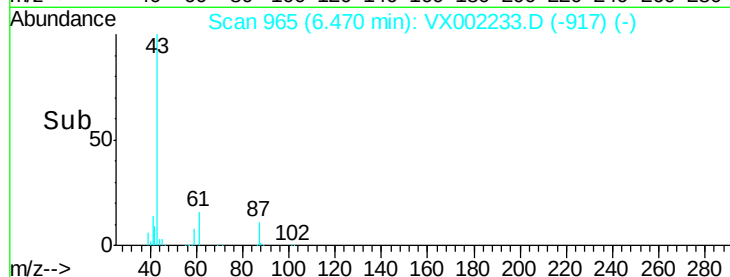
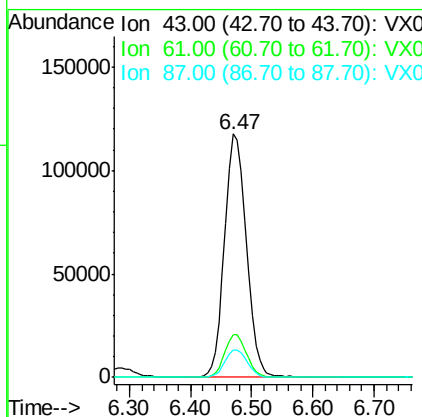
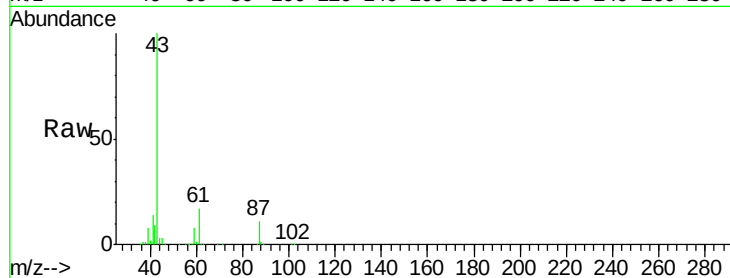
Isopropyl Acetate
 Concen: 50.087 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	43	Resp:	290121
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	11.6	9.5	14.3

Manual Integrations
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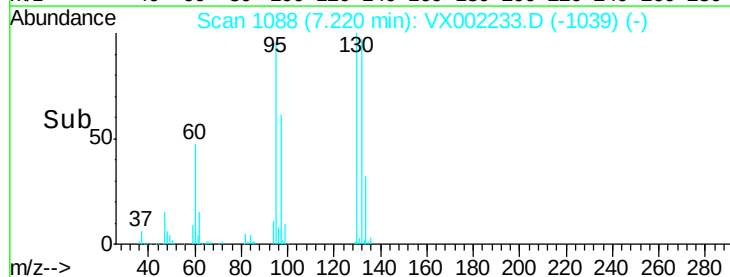
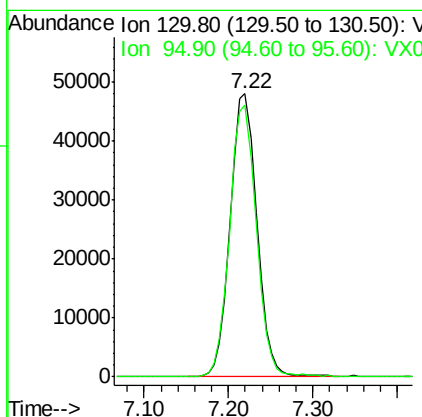
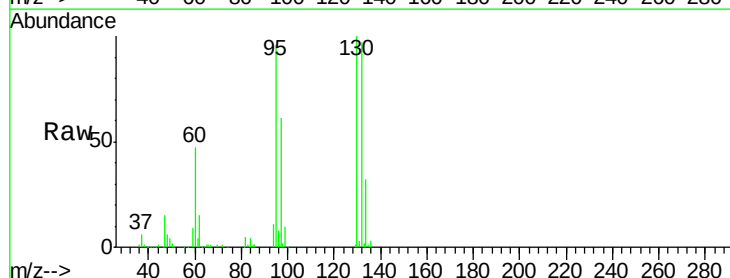
MMDadoda
 6/4/2018 2:31:34 PM

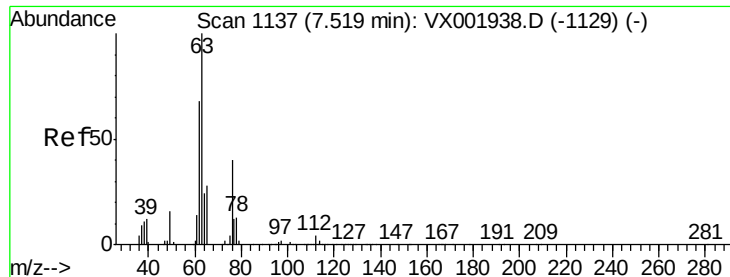


#44

Trichloroethene
 Concen: 45.266 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion:	130	Resp:	103046
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	192.0





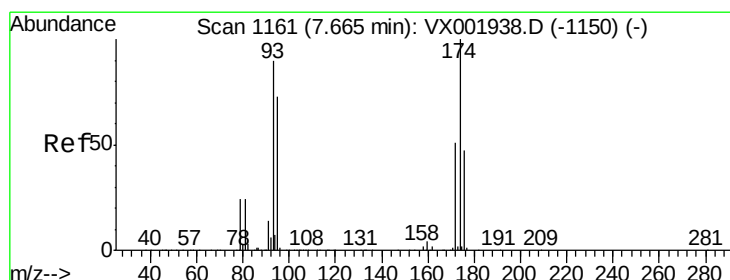
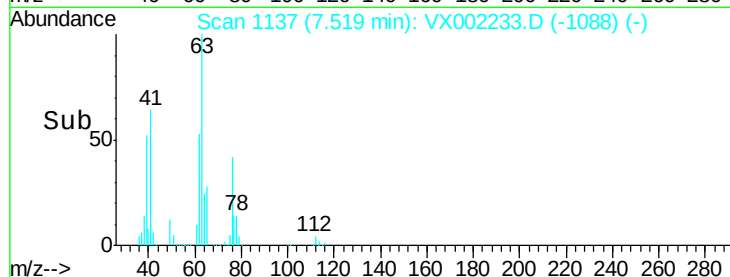
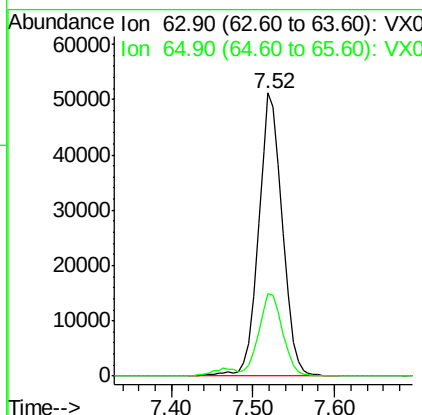
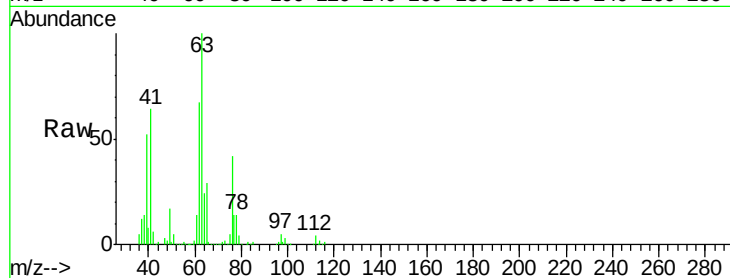
#45
 1,2-Dichloropropane
 Concen: 49.238 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.0	24.1	36.1

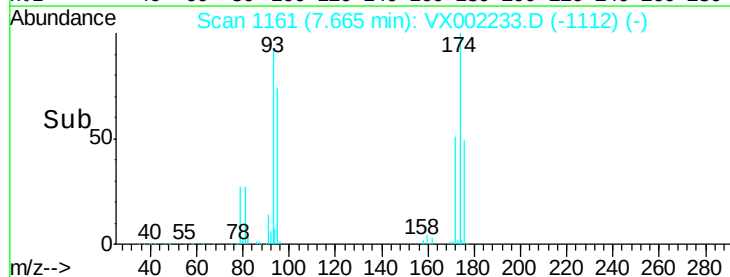
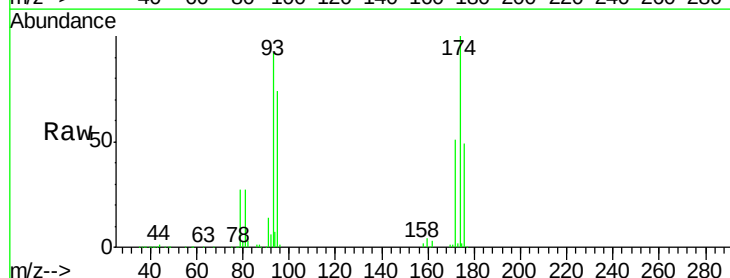
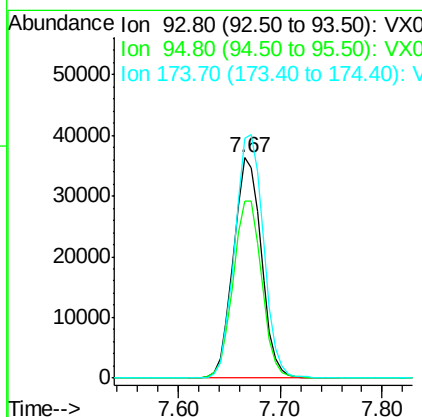
Manual Integrations
 APPROVED

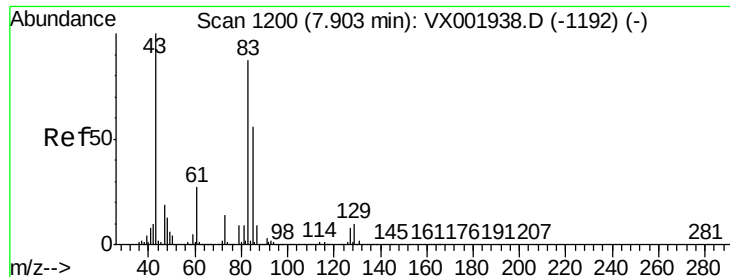
MMDadoda
 6/4/2018 2:31:34 PM



#46
 Dibromomethane
 Concen: 49.001 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.1	99.1
174	113.6	92.5	138.7





#47

Bromodichloromethane

Concen: 40.611 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

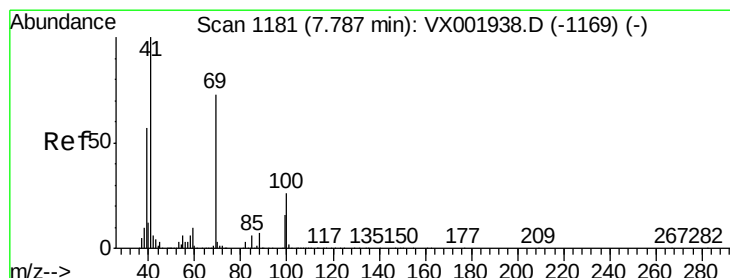
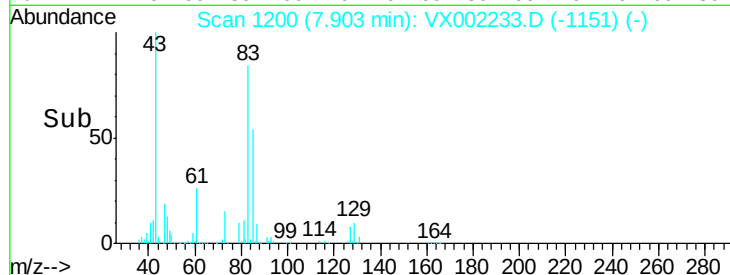
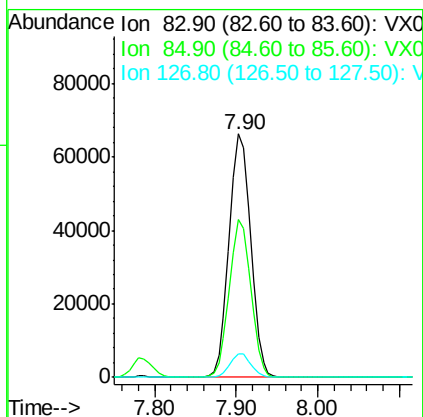
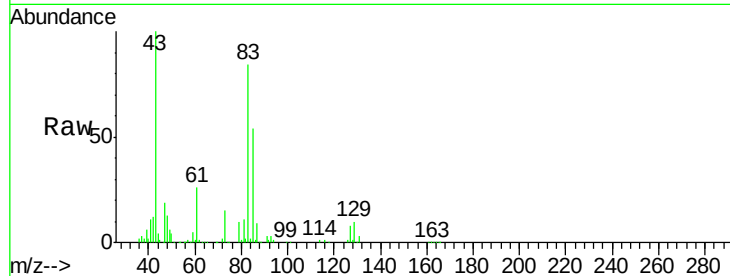
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	121627
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.2
127	9.5	7.1	10.7

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 50.251 ug/l

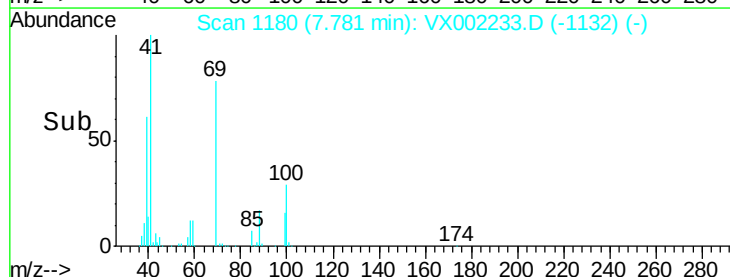
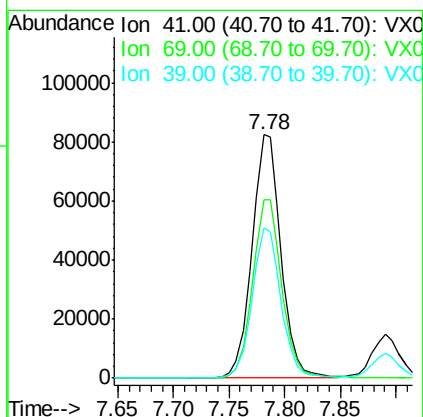
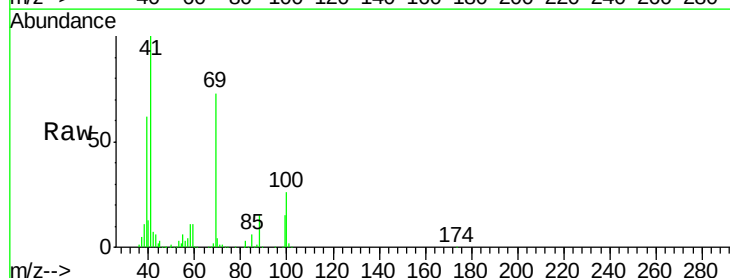
RT: 7.78 min Scan# 1180

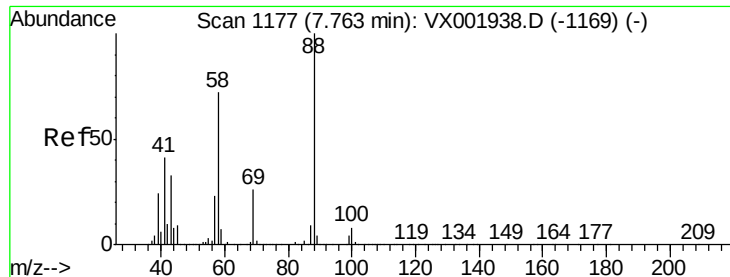
Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	41	Resp:	148142
Ion	Ratio	Lower	Upper
41	100		
69	74.8	58.6	87.8
39	61.2	46.3	69.5





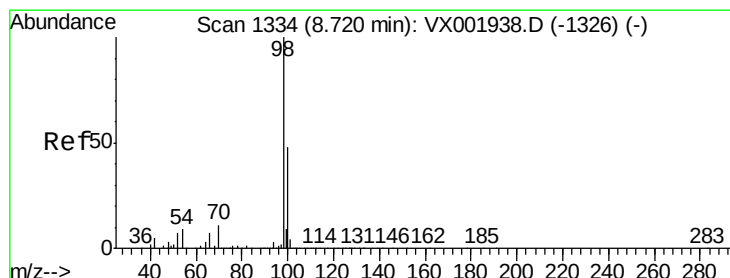
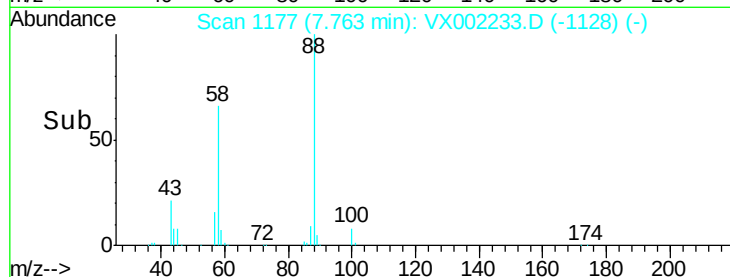
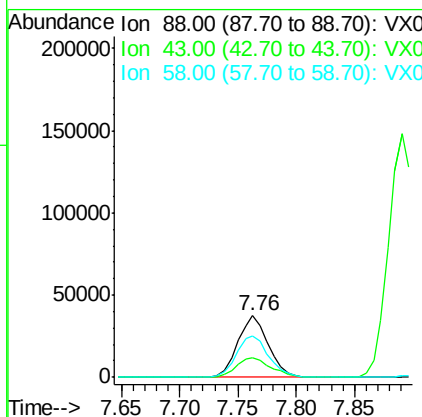
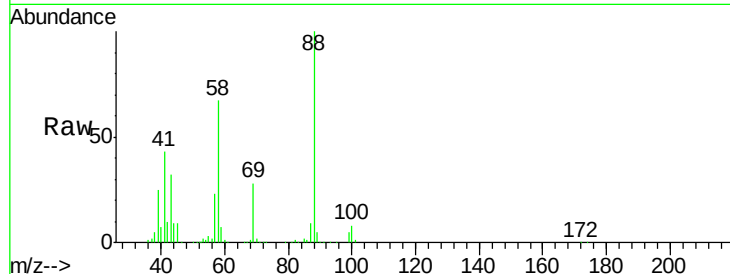
#49
1,4-Dioxane
Concen: 1325.257 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.6	29.8	44.8
58	71.2	58.7	88.1

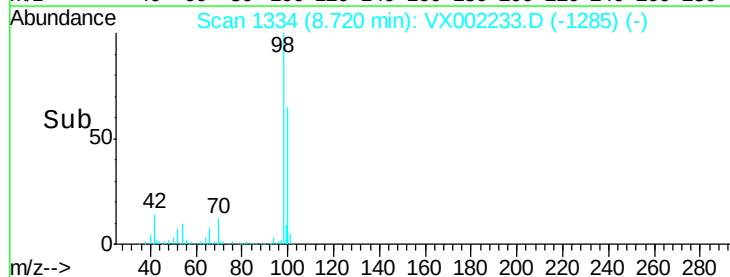
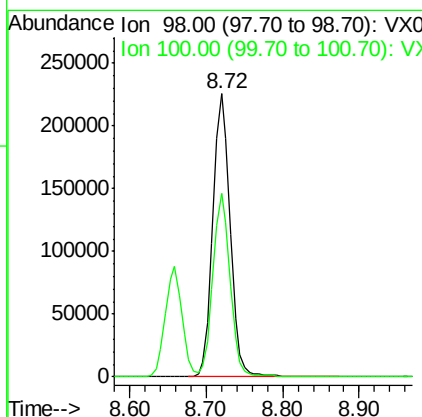
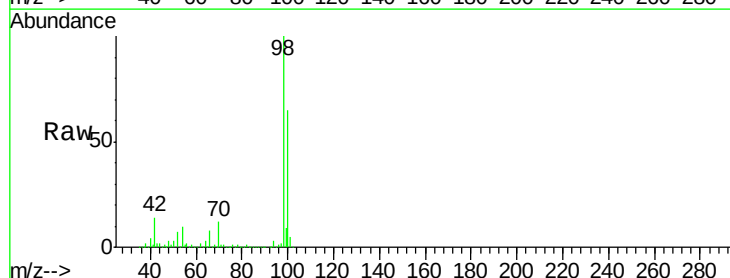
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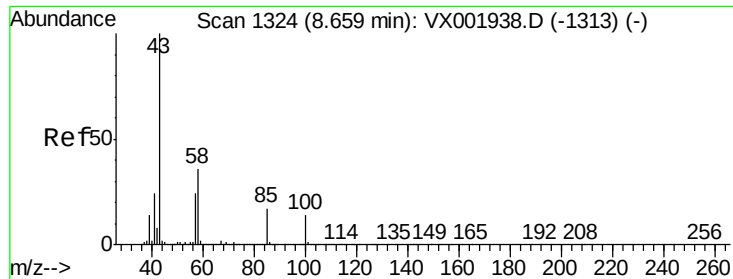
MMDadoda
6/4/2018 2:31:34 PM



#50
Toluene-d8
Concen: 51.153 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





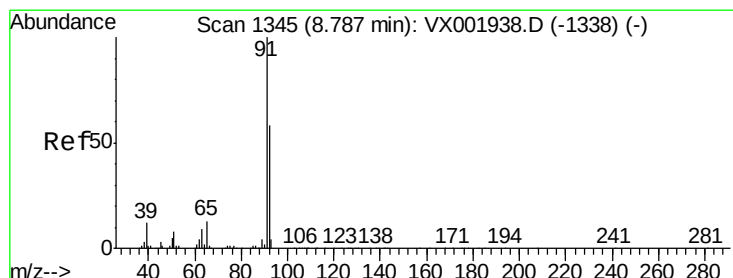
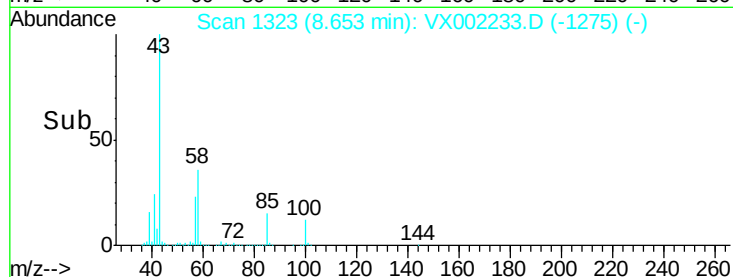
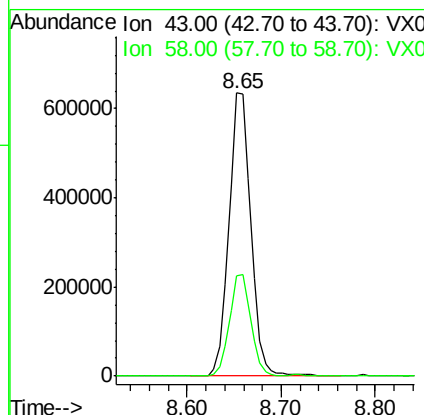
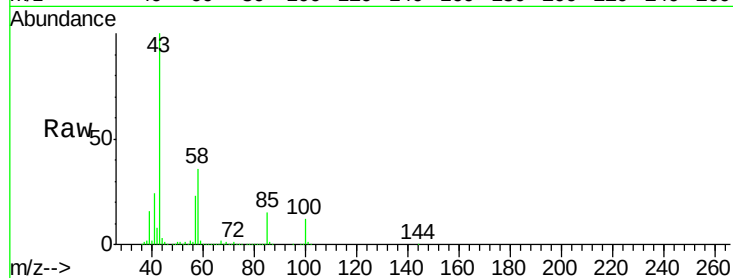
#51
4-Methyl-2-Pentanone
Concen: 293.190 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1023730
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

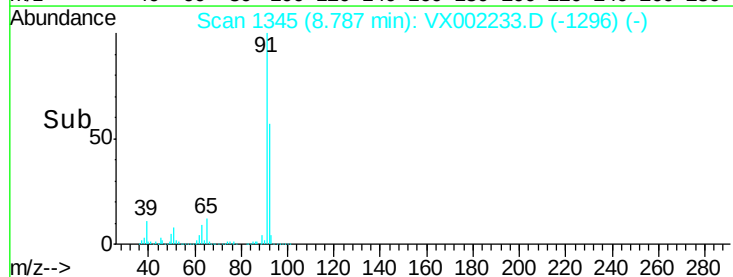
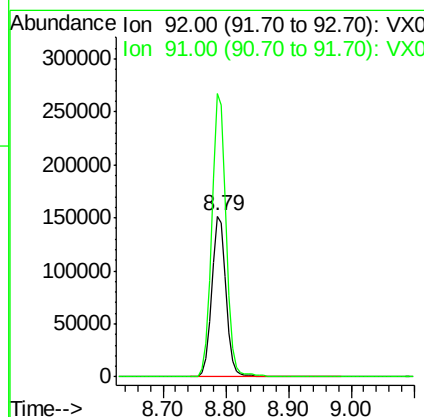
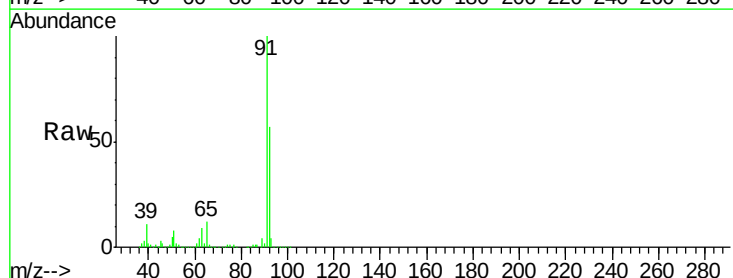
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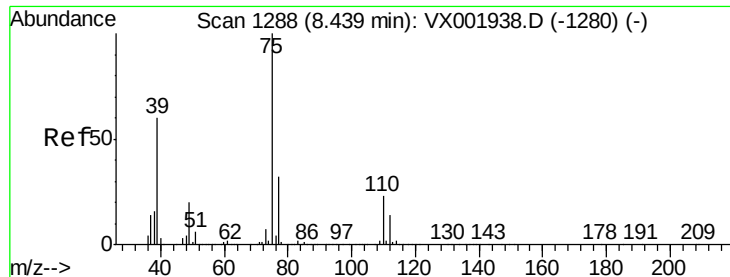
MMDadoda
6/4/2018 2:31:34 PM



#52
Toluene
Concen: 48.029 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion: 92 Resp: 238777
Ion Ratio Lower Upper
92 100
91 175.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 41.368 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 142694

Ion Ratio Lower Upper

75 100

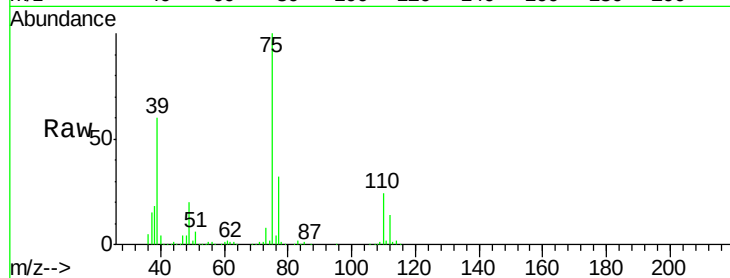
77 31.6 25.5 38.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

100000

80000

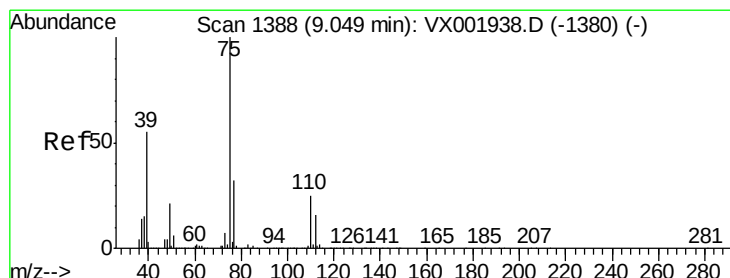
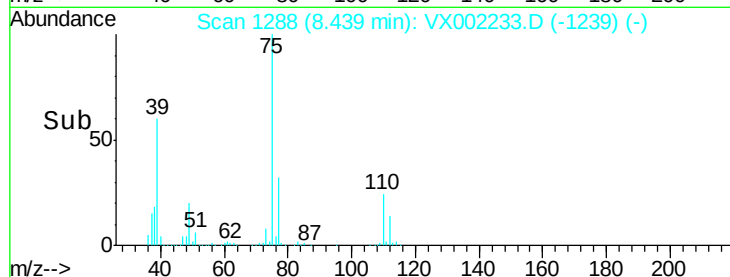
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 39.522 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

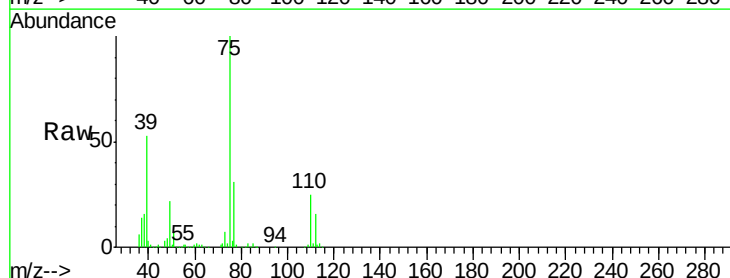
Tgt Ion: 75 Resp: 132841

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 53.3 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

120000

100000

80000

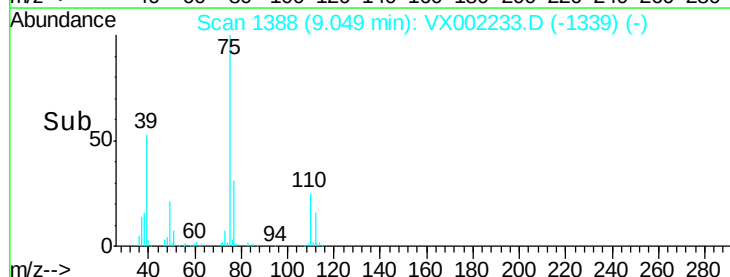
60000

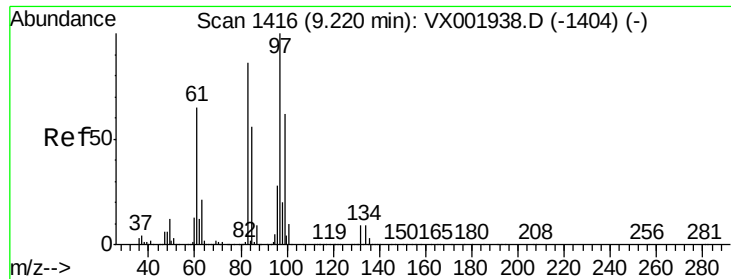
40000

20000

0

Time-->





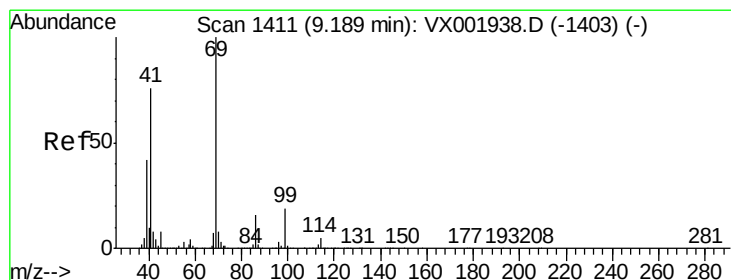
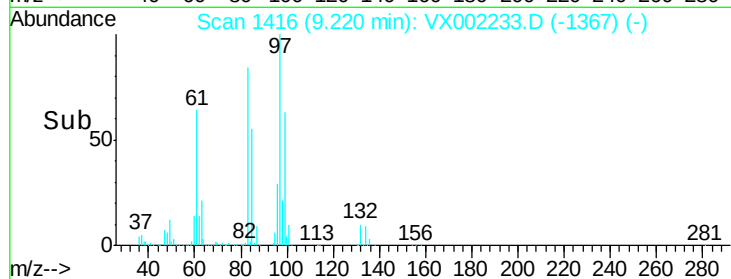
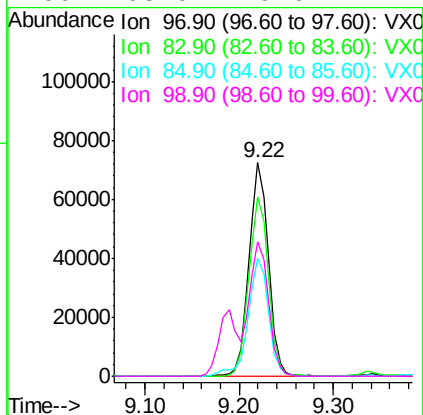
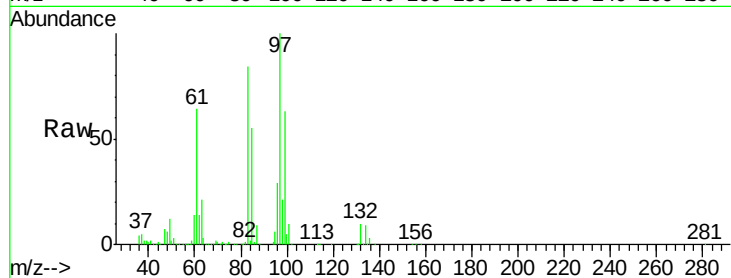
#55
 1,1,2-Trichloroethane
 Concen: 50.656 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.1	103.7
85	55.2	45.2	67.8
99	63.0	49.6	74.4

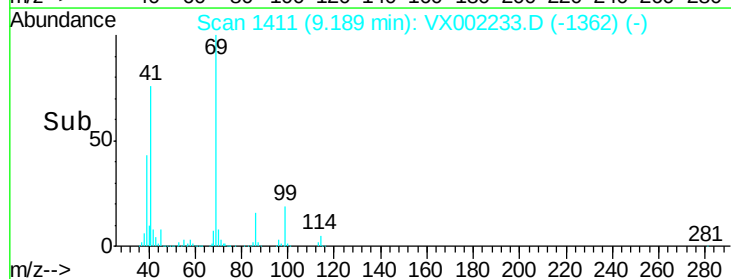
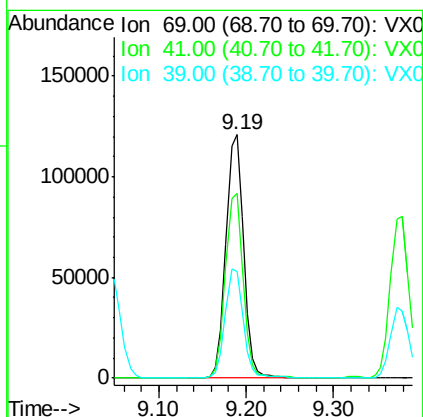
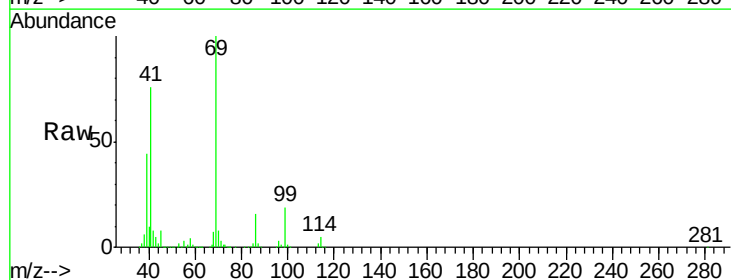
Manual Integrations
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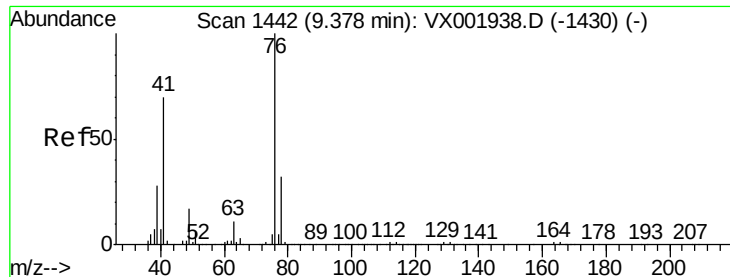
MMDadoda
 6/4/2018 2:31:34 PM



#56
 Ethyl methacrylate
 Concen: 47.605 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.0	91.6
39	45.7	34.4	51.6





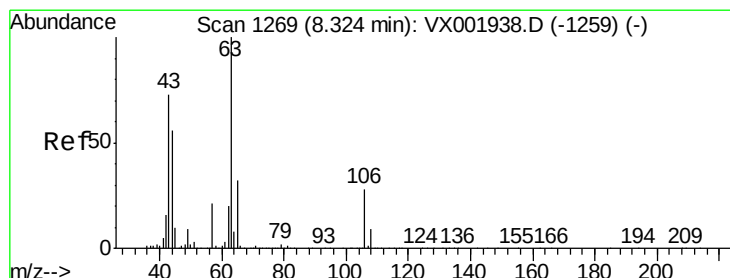
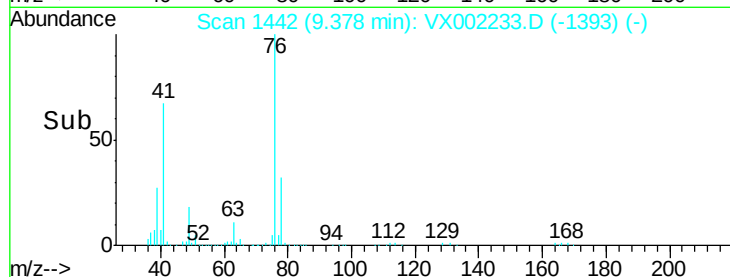
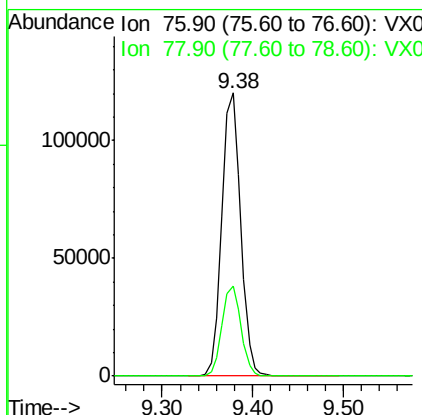
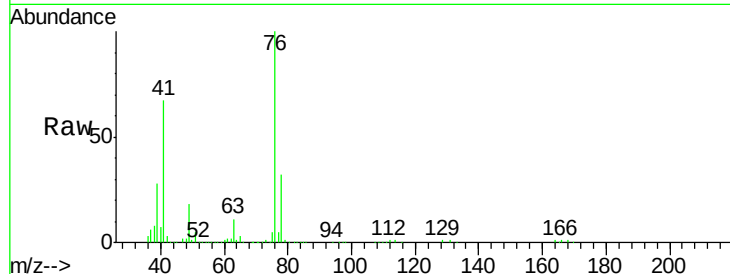
#57
 1,3-Dichloropropane
 Concen: 51.006 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

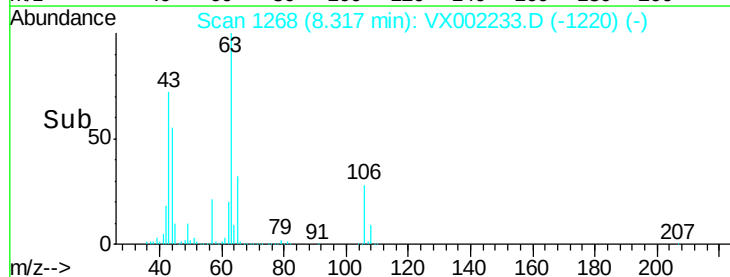
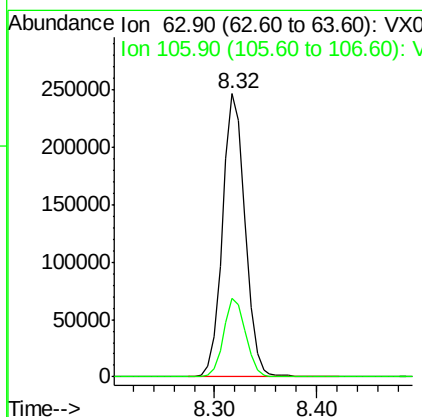
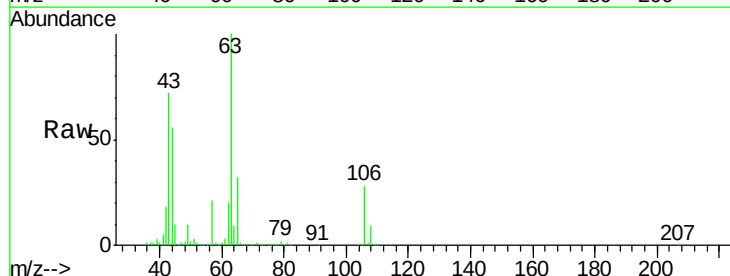
Manual Integrations
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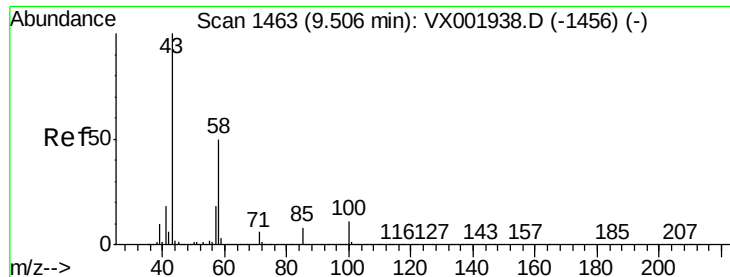
MMDadoda
 6/4/2018 2:31:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.107 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.7	32.5





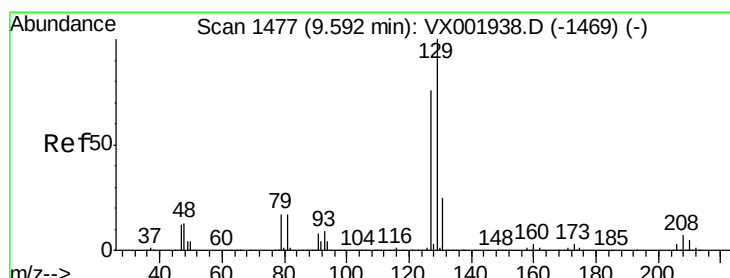
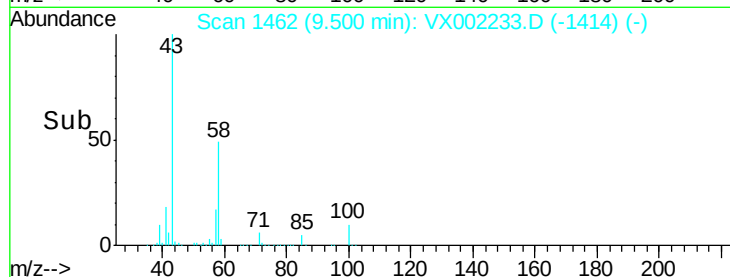
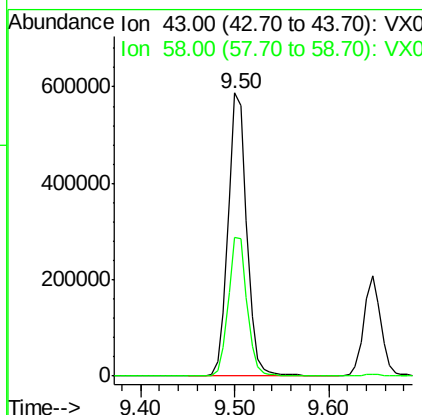
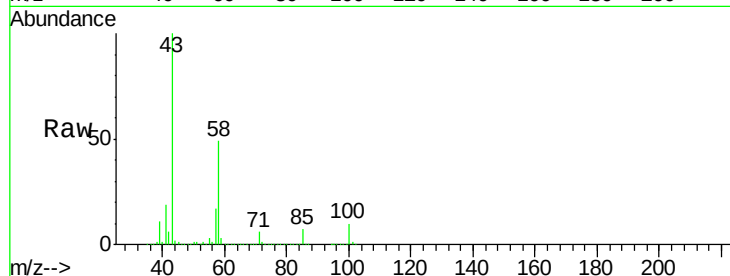
#59
2-Hexanone
Concen: 300.163 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 808137
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

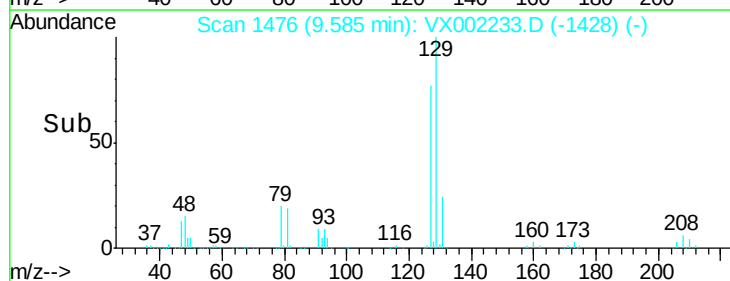
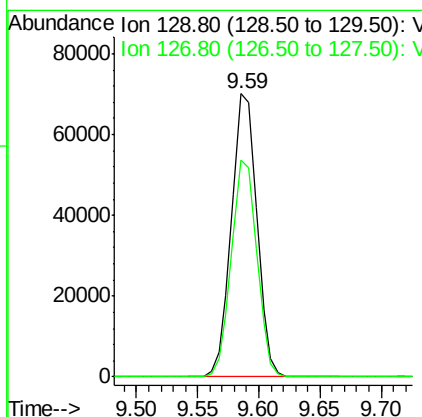
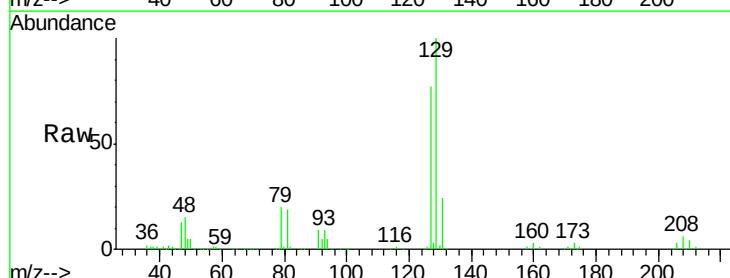
Manual Integrations
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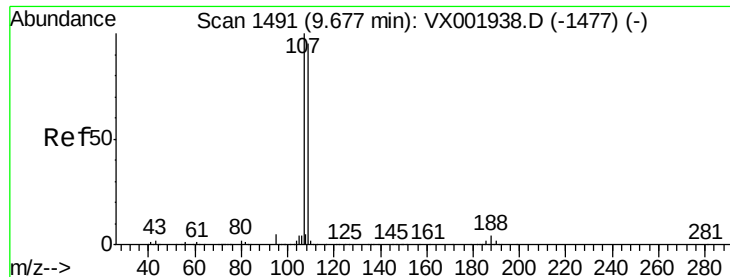
MMDadoda
6/4/2018 2:31:34 PM



#60
Dibromochloromethane
Concen: 41.009 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion: 129 Resp: 100880
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.579 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 110225

Ion Ratio Lower Upper

107 100

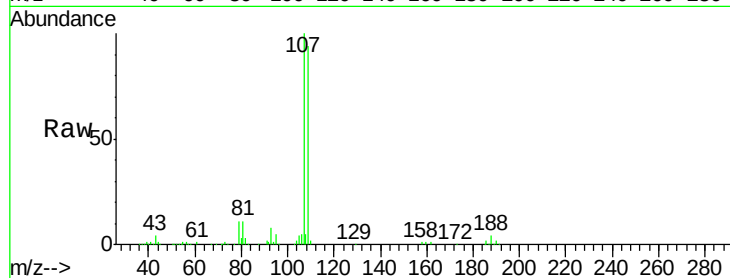
109 93.4 75.3 112.9

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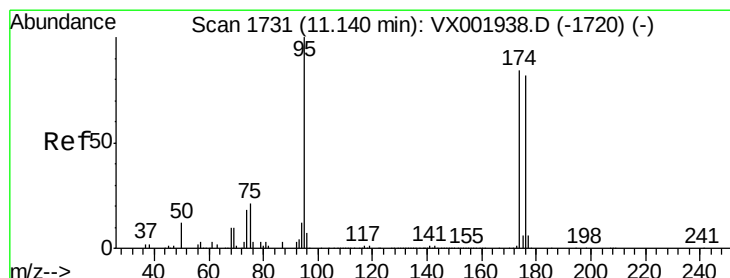
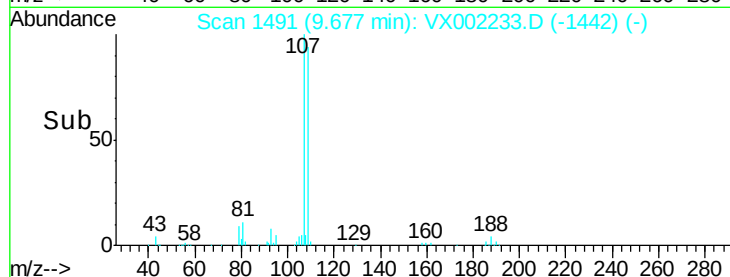
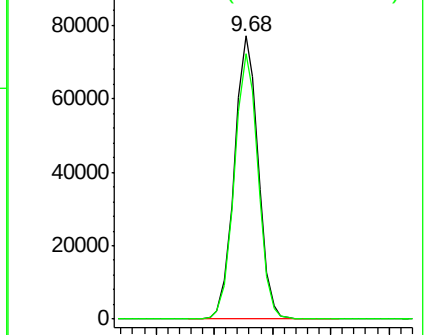
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.819 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

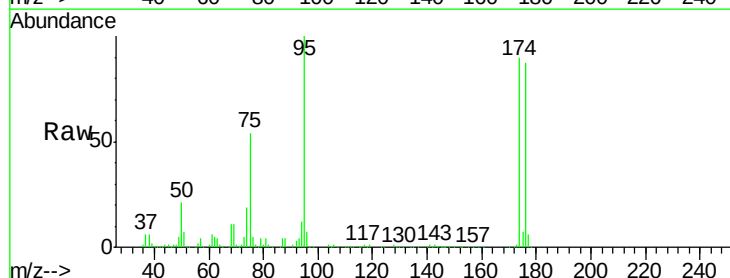
Tgt Ion: 95 Resp: 132564

Ion Ratio Lower Upper

95 100

174 93.4 0.0 178.8

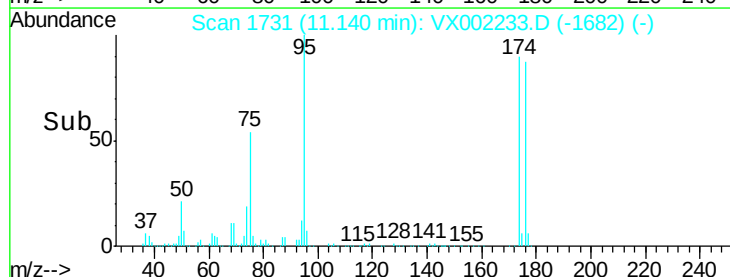
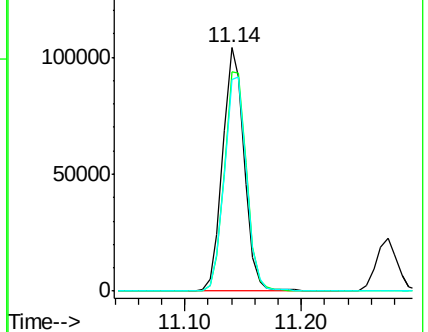
176 91.2 0.0 175.6

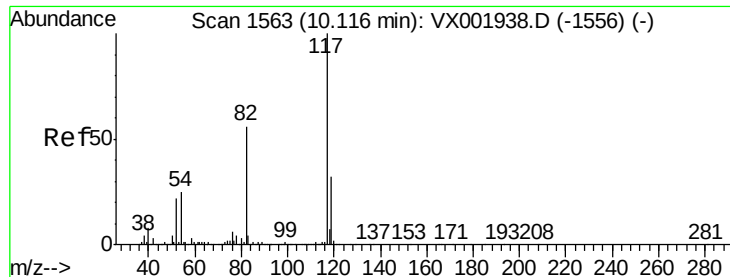


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





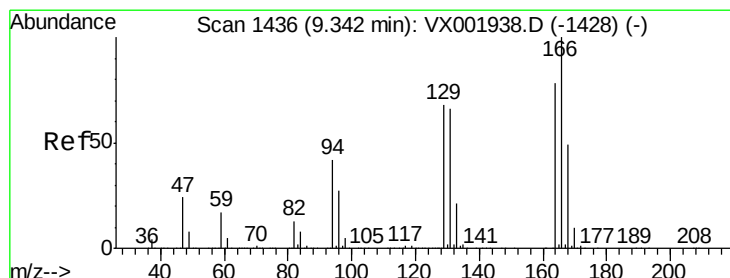
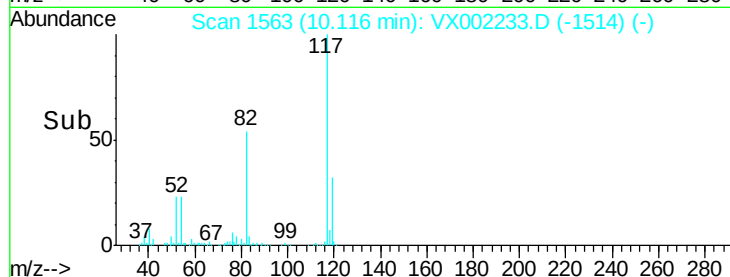
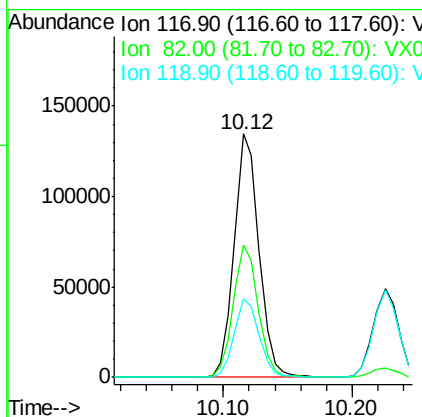
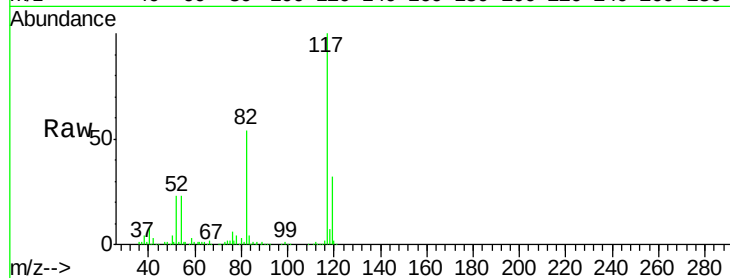
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181688		
82	54.2	44.8	67.2	
119	32.2	25.5	38.3	

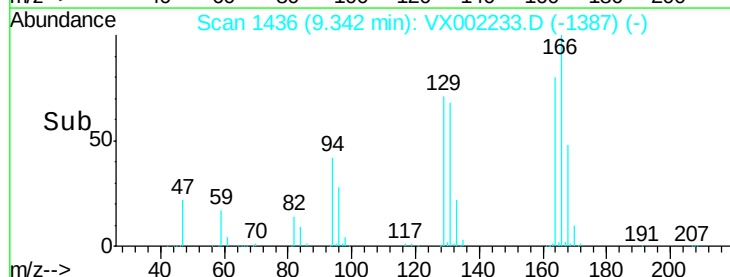
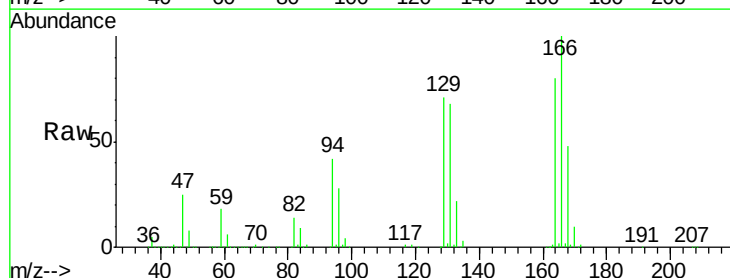
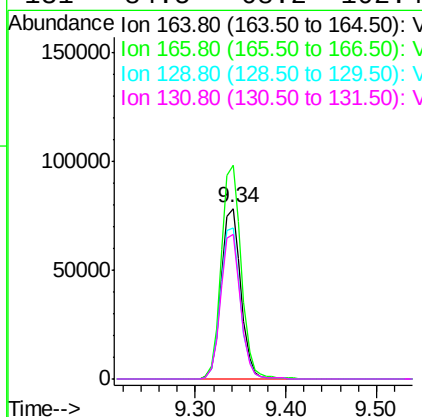
Manual Integrations
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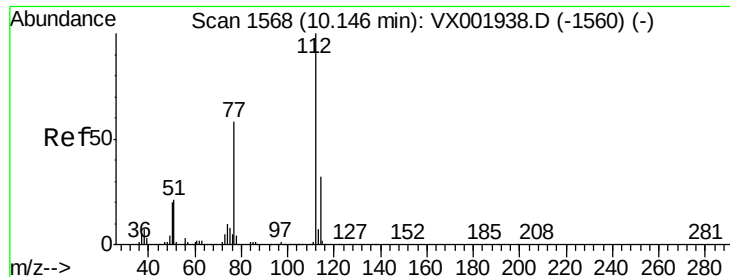
MMDadoda
6/4/2018 2:31:34 PM



#64
Tetrachloroethene
Concen: 45.670 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118972		
166	125.2	102.7	154.1	
129	88.5	70.3	105.5	
131	84.5	68.2	102.4	





#65

Chlorobenzene

Concen: 47.208 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 271744

Ion Ratio Lower Upper

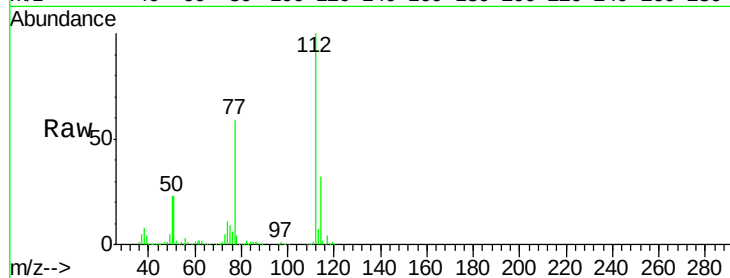
112 100

114 32.4 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

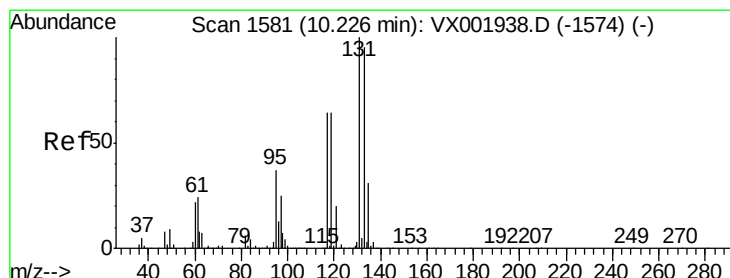
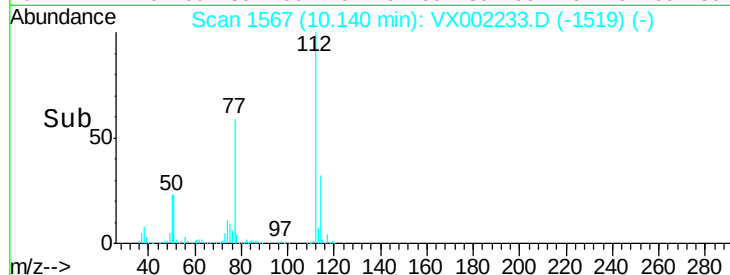
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 44.184 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

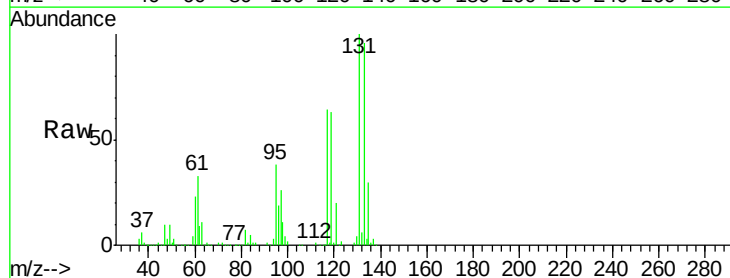
Tgt Ion:131 Resp: 102703

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.0

119 62.1 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

100000

80000

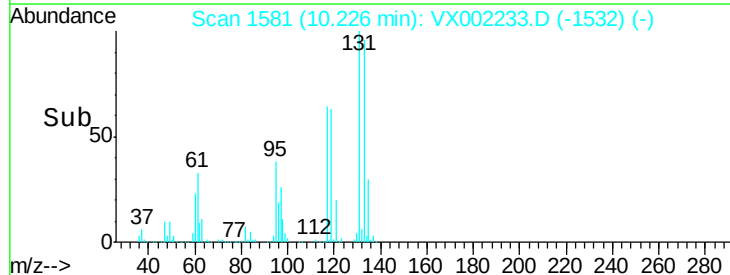
60000

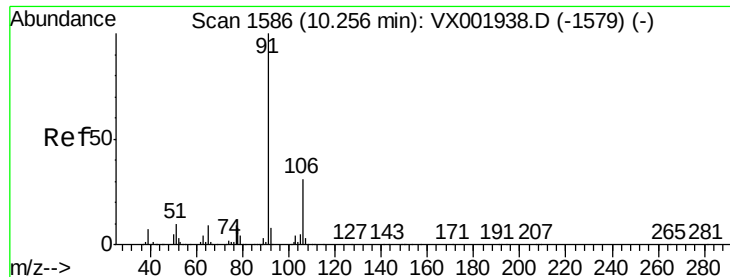
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 45.989 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 459951

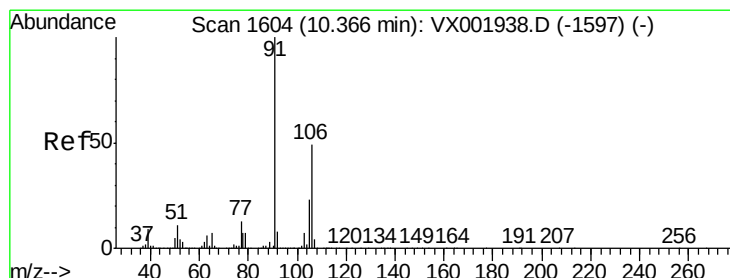
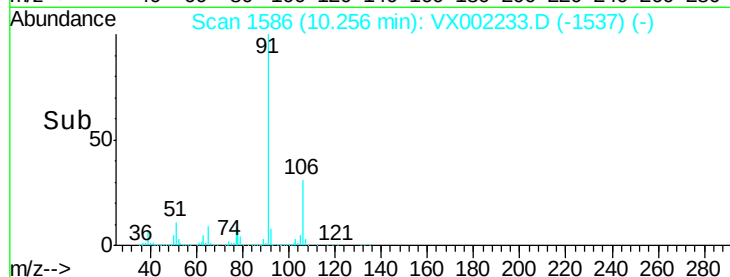
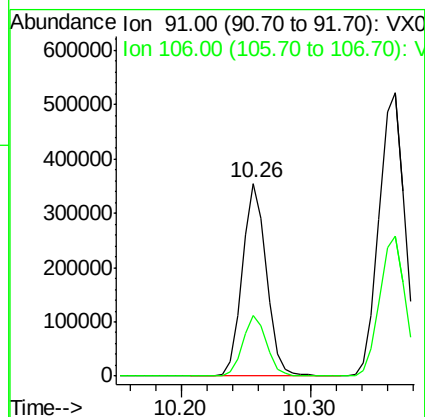
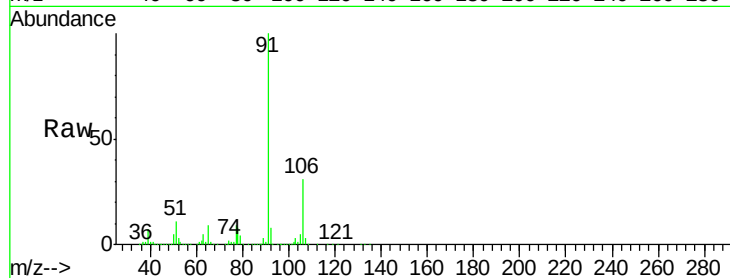
Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 93.272 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002233.D

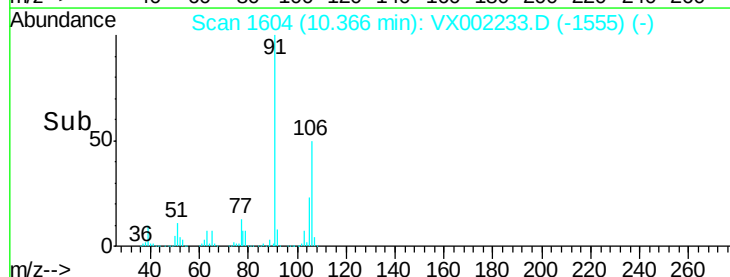
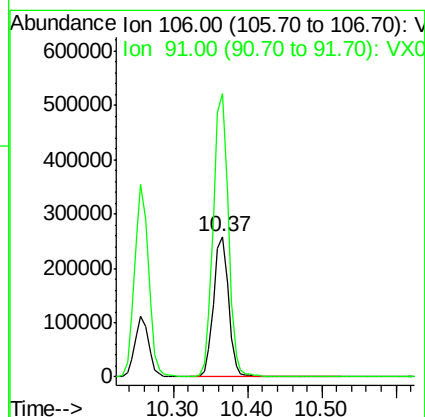
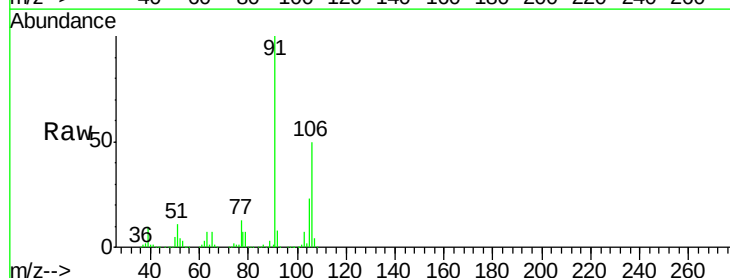
Acq: 02 Jun 2018 00:50

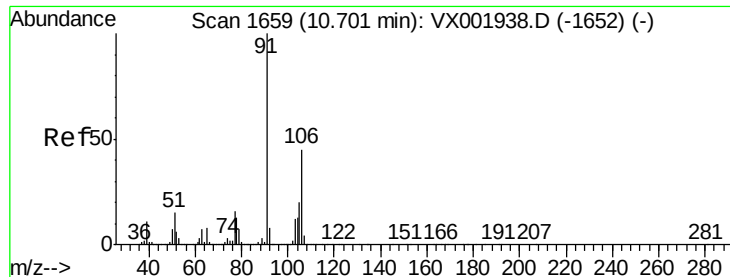
Tgt Ion: 106 Resp: 356591

Ion Ratio Lower Upper

106 100

91 204.1 165.0 247.6





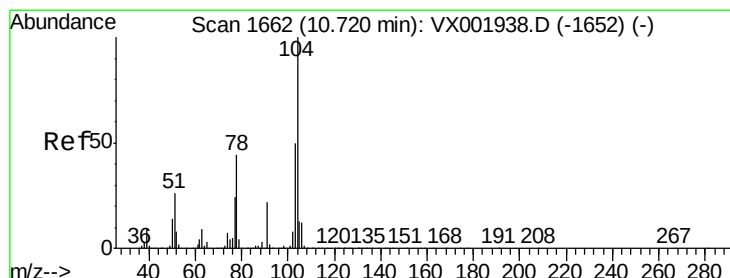
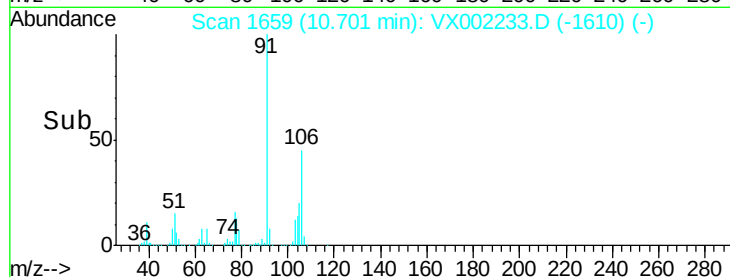
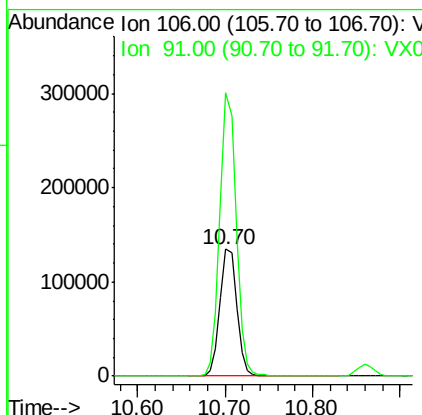
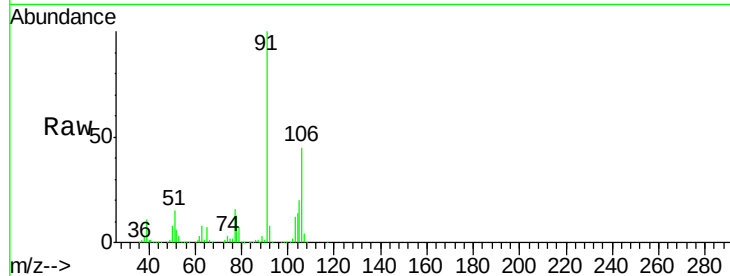
#69
o-Xylene
Concen: 47.196 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 180164
Ion Ratio Lower Upper
106 100
91 217.0 108.7 325.9

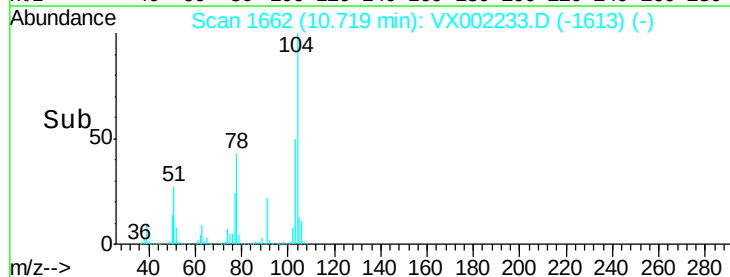
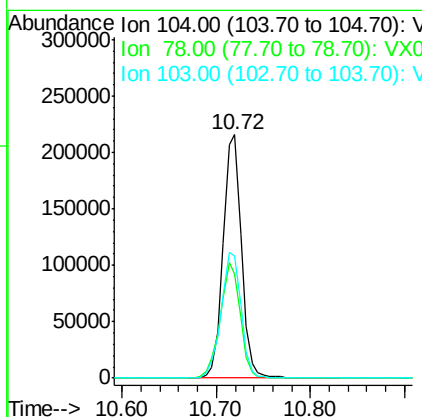
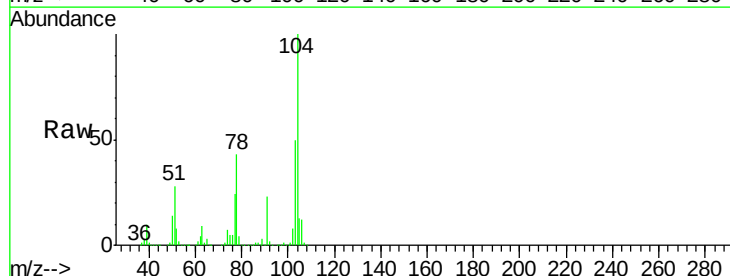
Manual Integrations
APPROVED

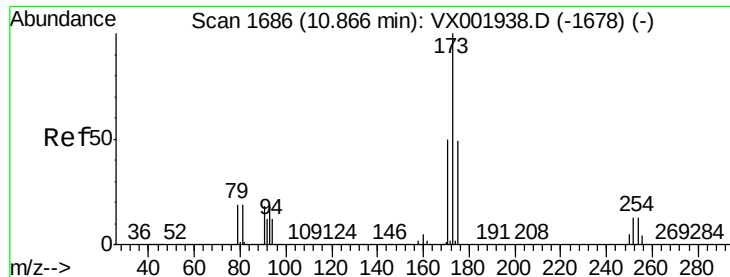
MMDadoda
6/4/2018 2:31:34 PM



#70
Styrene
Concen: 46.196 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion:104 Resp: 292452
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 56.6 44.6 67.0





#71

Bromoform

Concen: 36.162 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

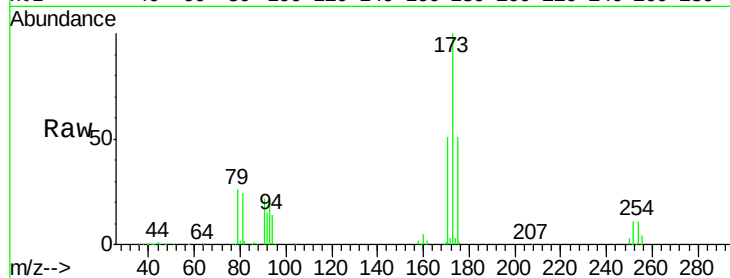
ClientSampleId :

VSTDCCC050EC

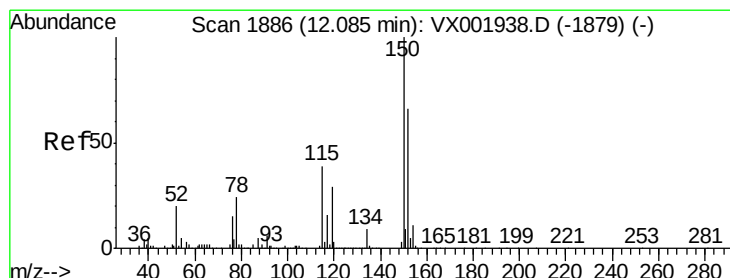
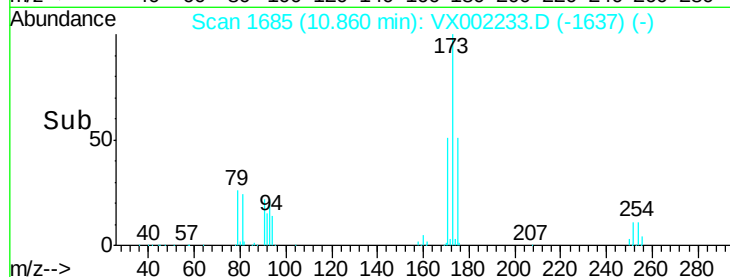
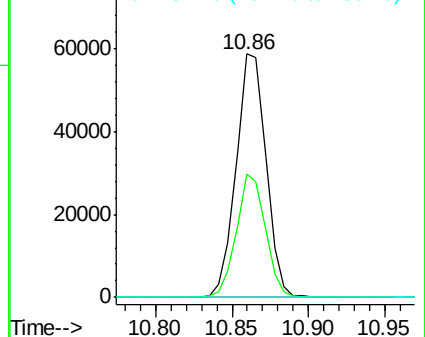
Tgt Ion:	173	Resp:	79704
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
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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

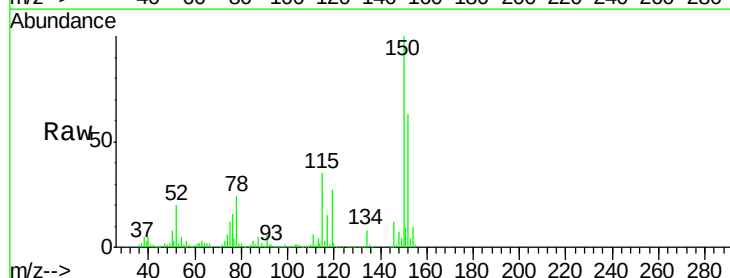
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

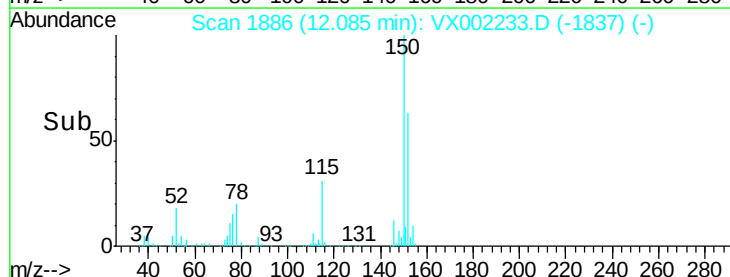
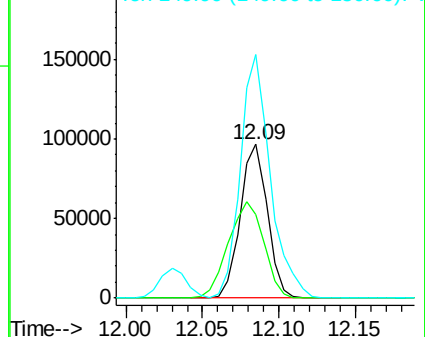
Lab File: VX002233.D

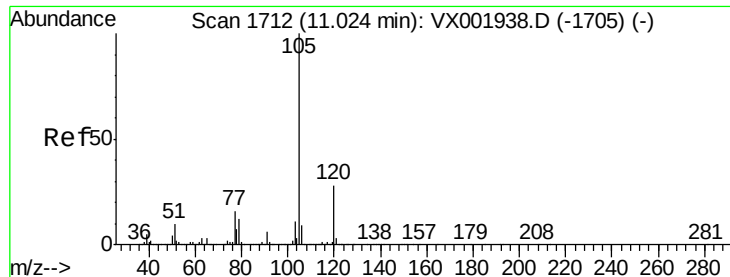
Acq: 02 Jun 2018 00:50

Tgt Ion:	152	Resp:	118577
Ion Ratio	Lower	Upper	
152	100		
115	81.9	42.3	126.8
150	175.4	0.0	351.0



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: 46.985 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 471790

Ion Ratio Lower Upper

105 100

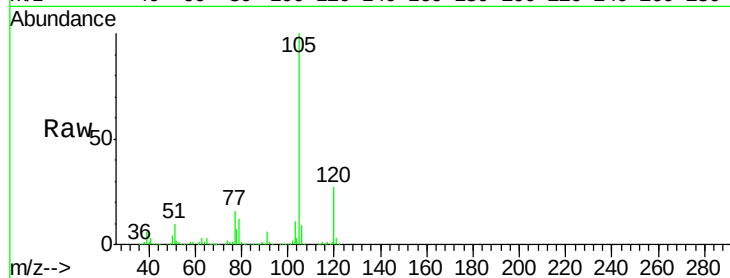
120 27.0 13.6 40.7

Manual Integrations

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6/4/2018 2:31:34 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

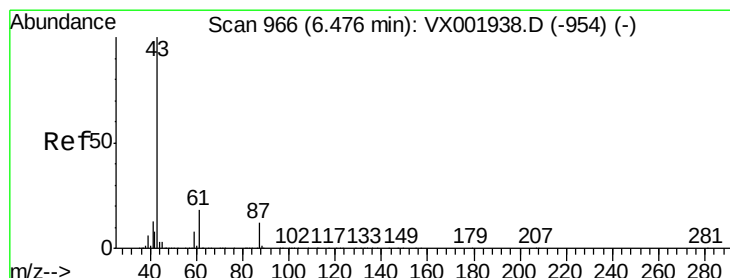
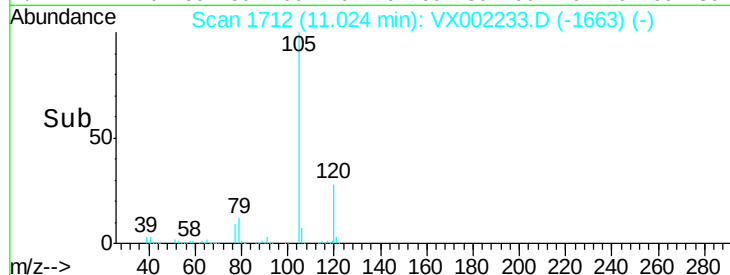
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 56.080 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion: 43 Resp: 290121

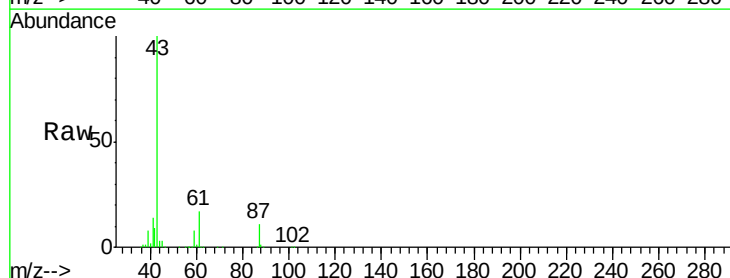
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.6 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

0

6.30

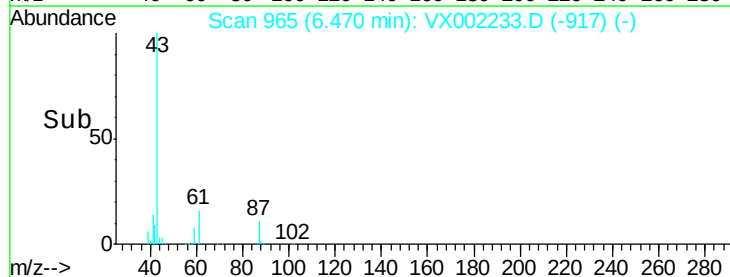
6.40

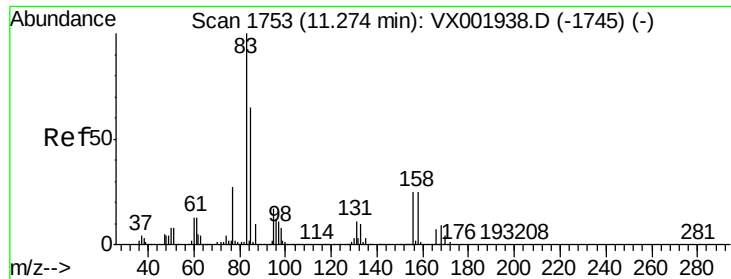
6.50

6.60

6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 60.462 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

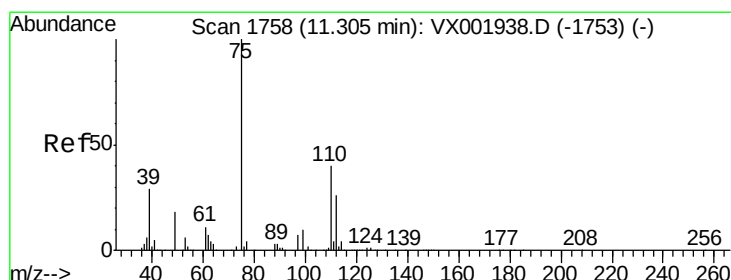
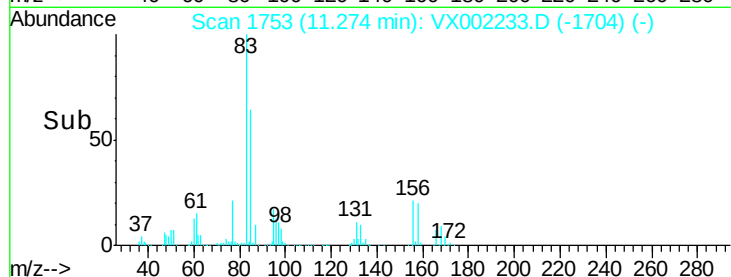
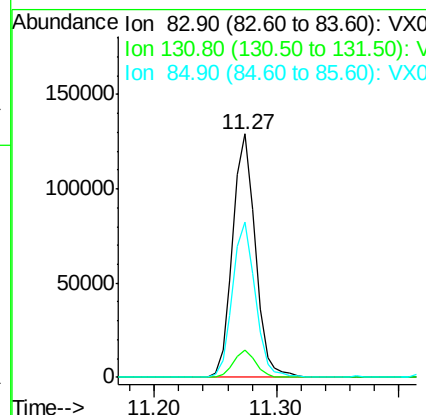
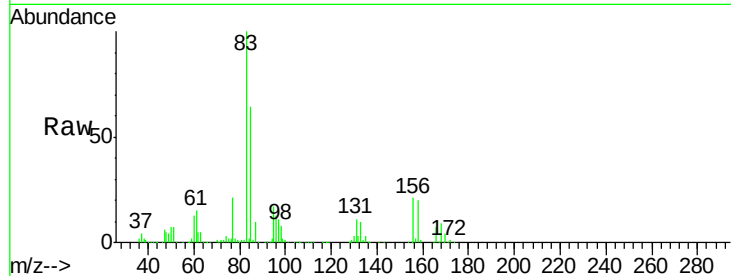
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	165316
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.0	32.6	97.7

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6/4/2018 2:31:34 PM



#76

1,2,3-Trichloropropane

Concen: 59.821 ug/l m

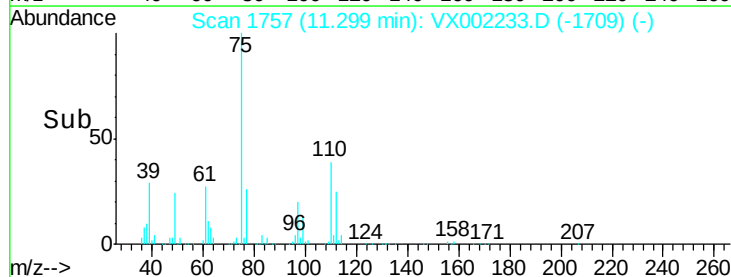
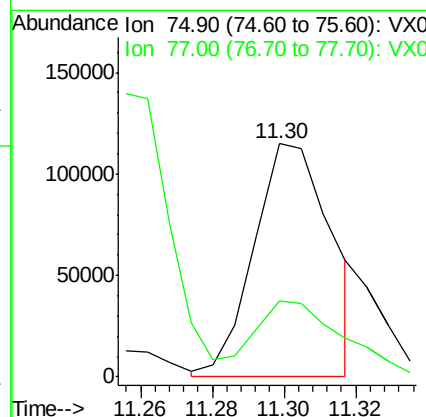
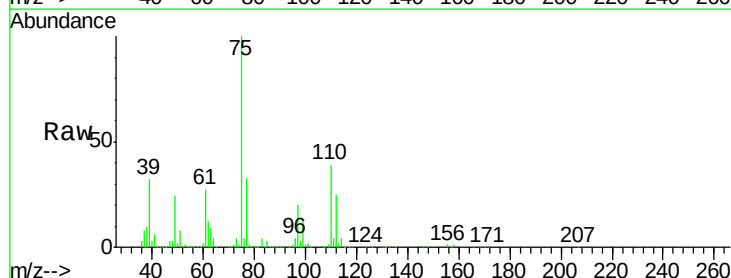
RT: 11.30 min Scan# 1757

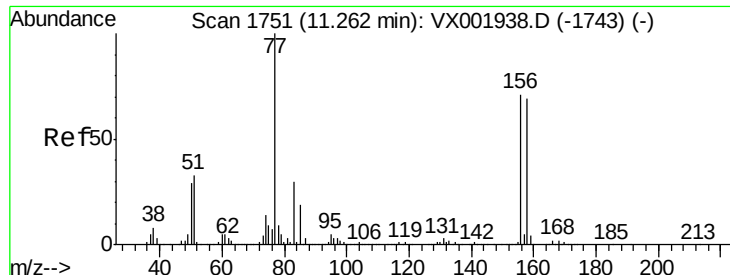
Delta R.T. -0.01 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Tgt Ion:	75	Resp:	170379
Ion Ratio	Lower	Upper	
75	100		
77	38.1	22.8	68.3





#77

Bromobenzene

Concen: 48.957 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 130426

Ion Ratio Lower Upper

156 100

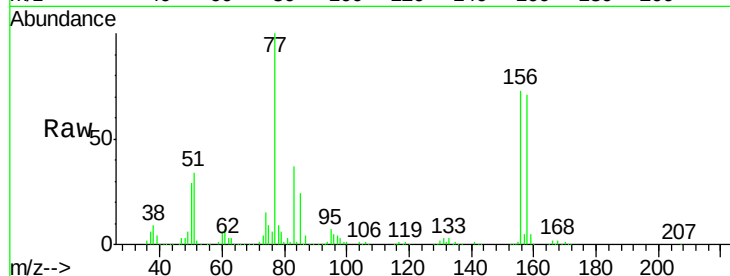
77 141.8 75.2 225.6

158 97.3 48.6 145.8

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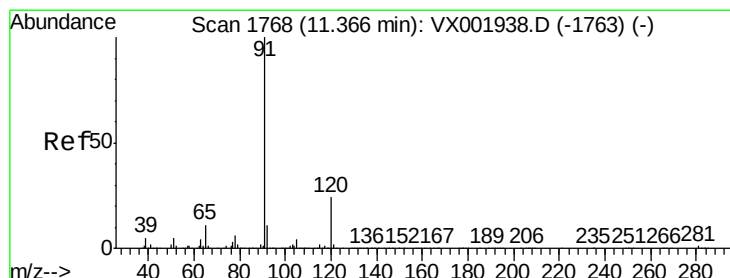
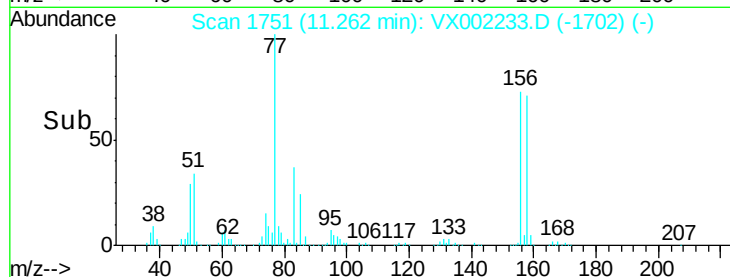
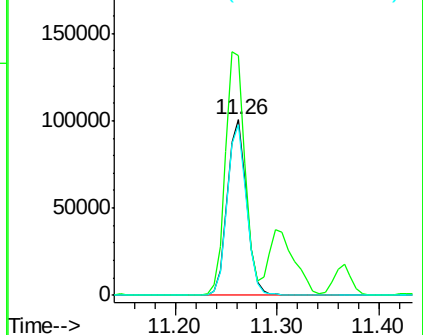
6/4/2018 2:31:34 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.097 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002233.D

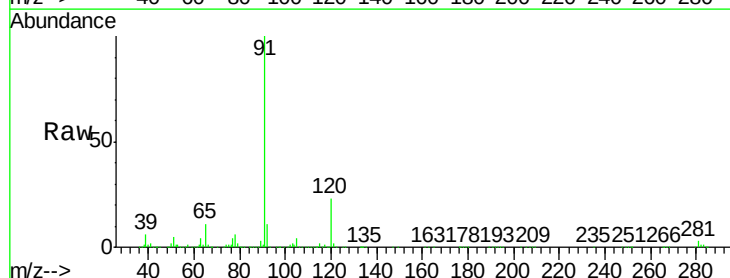
Acq: 02 Jun 2018 00:50

Tgt Ion: 91 Resp: 518407

Ion Ratio Lower Upper

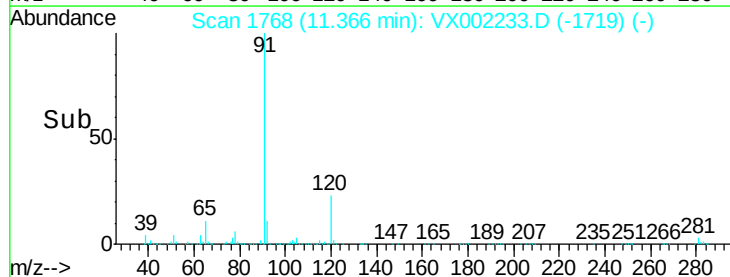
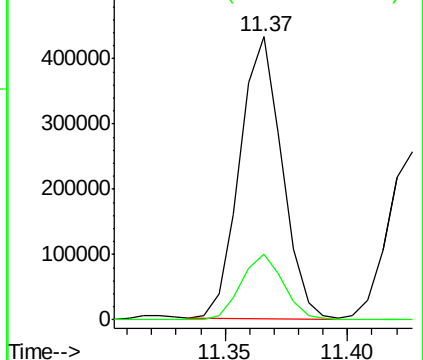
91 100

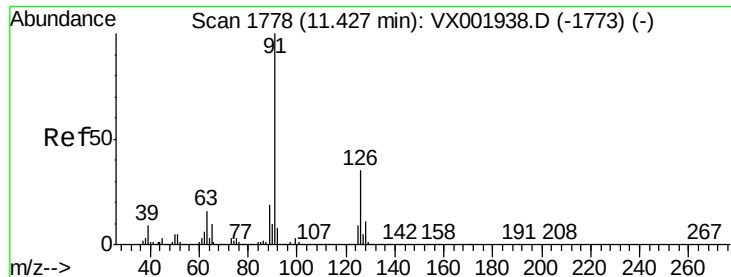
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.406 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 322625

Ion Ratio Lower Upper

91 100

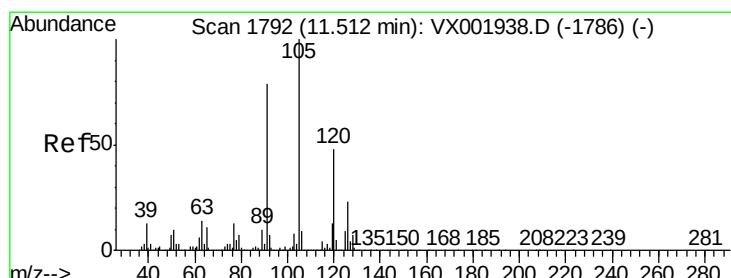
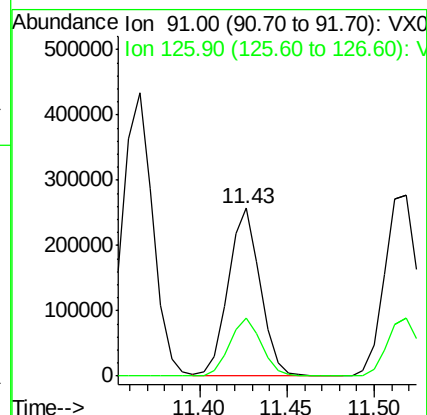
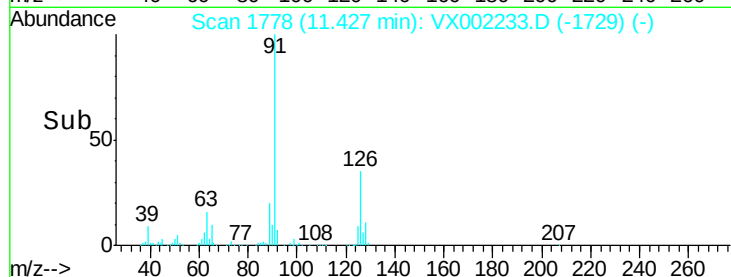
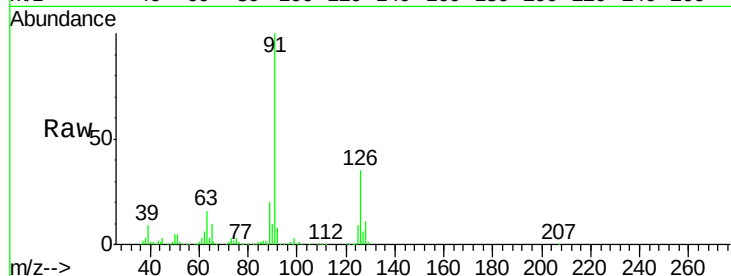
126 34.8 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 46.512 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002233.D

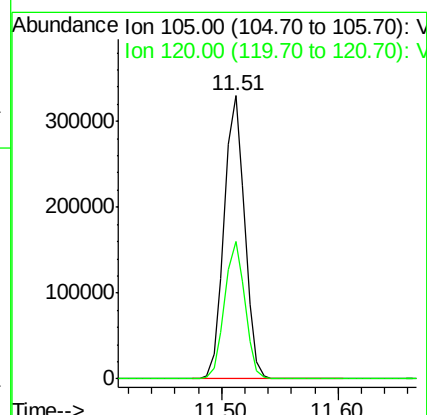
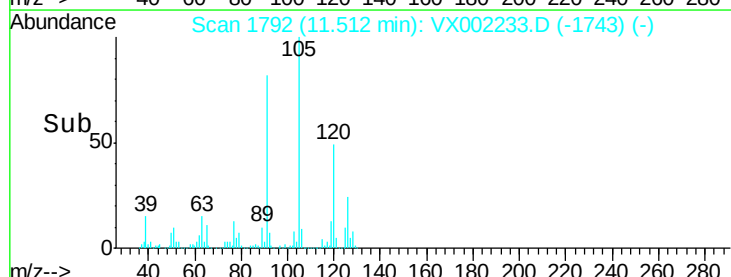
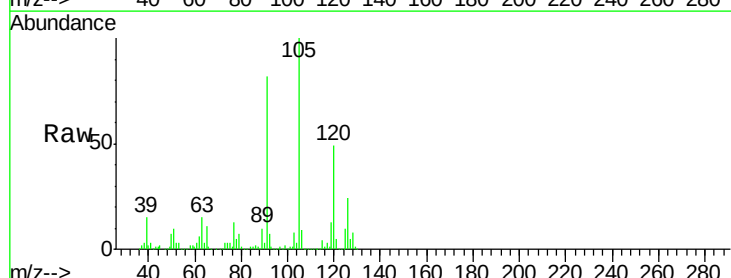
Acq: 02 Jun 2018 00:50

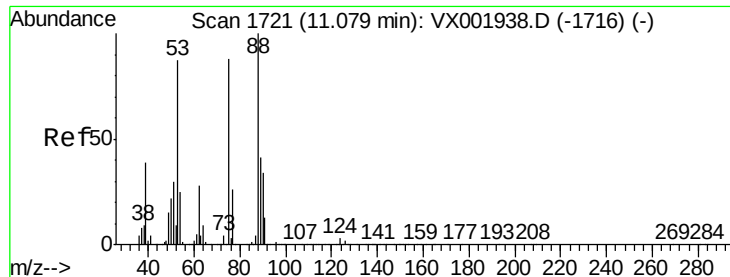
Tgt Ion: 105 Resp: 399129

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





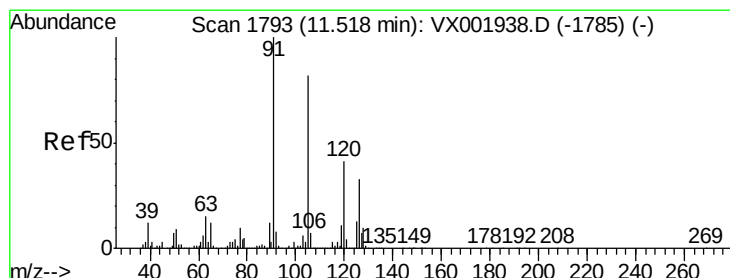
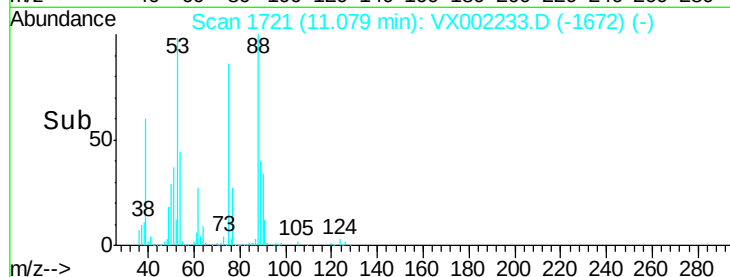
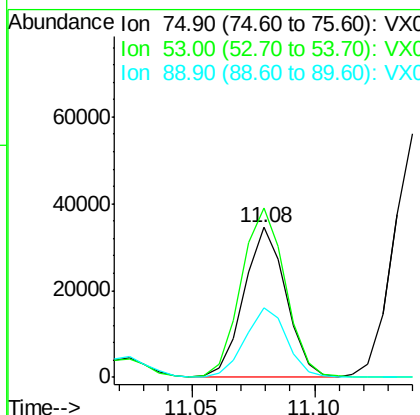
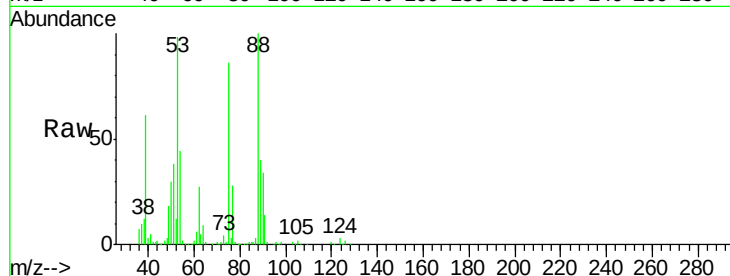
#81
trans-1,4-Dichloro-2-butene
Concen: 34.696 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	119.5	78.0	117.0#
89	46.8	39.4	59.2

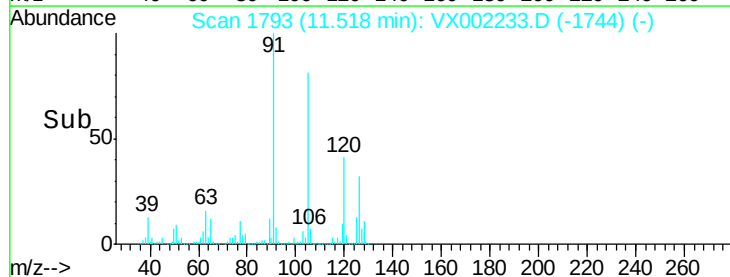
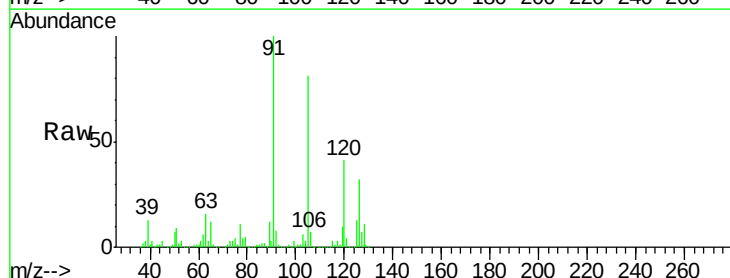
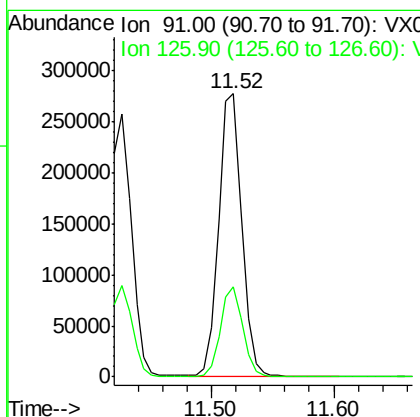
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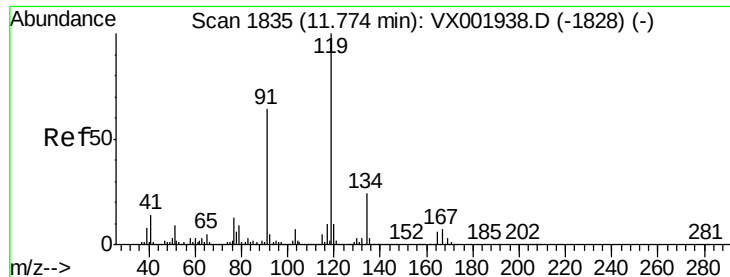
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.241 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





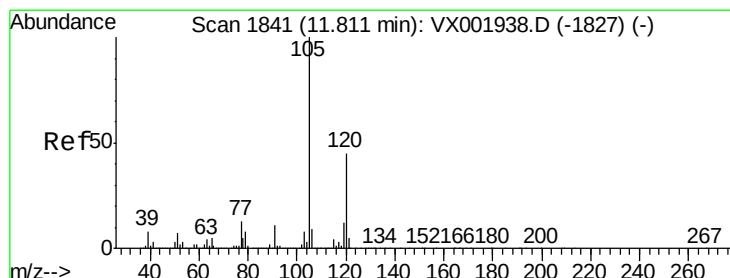
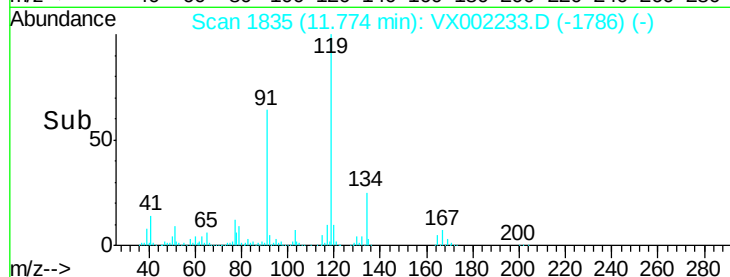
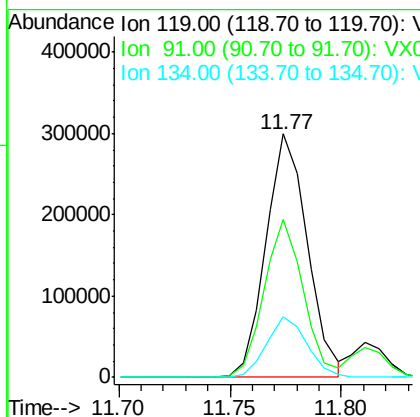
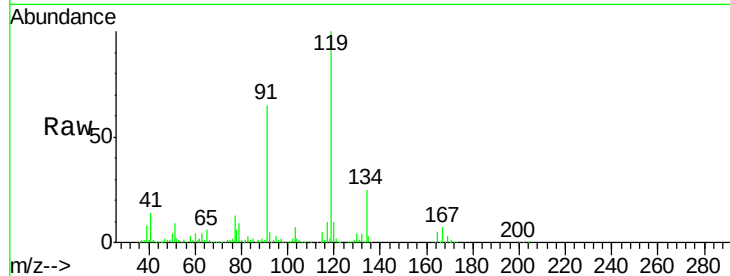
#83
 tert-Butylbenzene
 Concen: 46.026 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	387574		
91	61.5	30.6	91.8	
134	24.2	11.7	35.0	

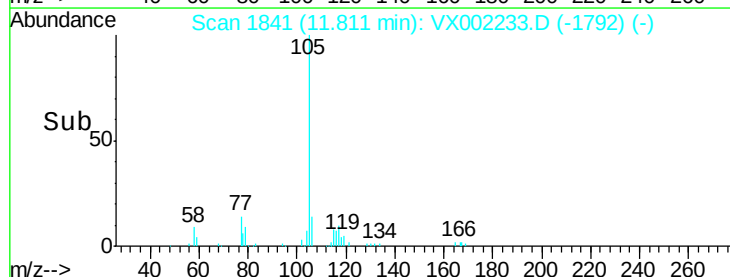
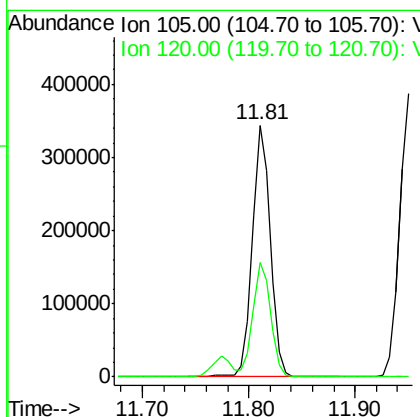
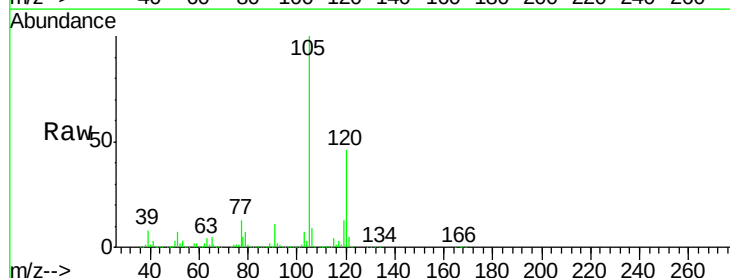
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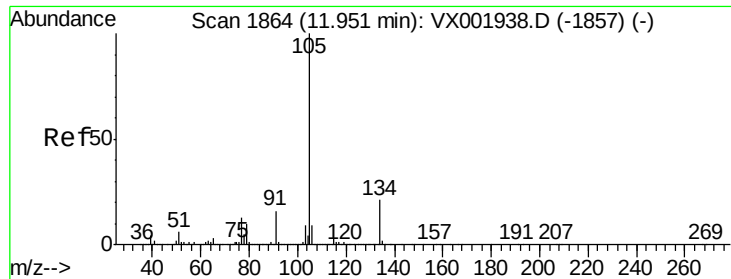
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.205 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409734		
120	44.6	22.1	66.5	





#85

sec-Butylbenzene

Concen: 46.150 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 467147

Ion Ratio Lower Upper

105 100

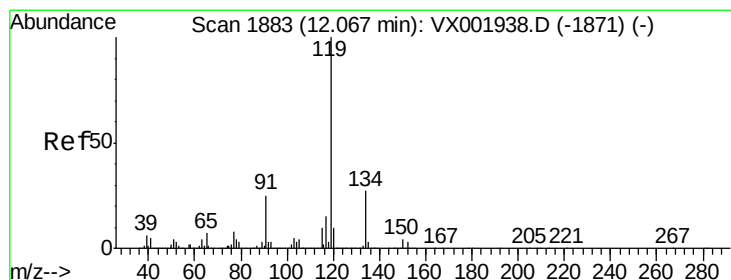
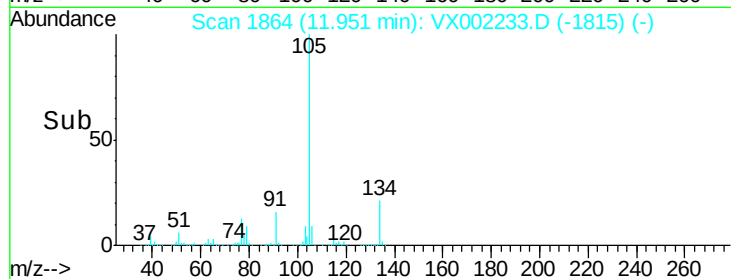
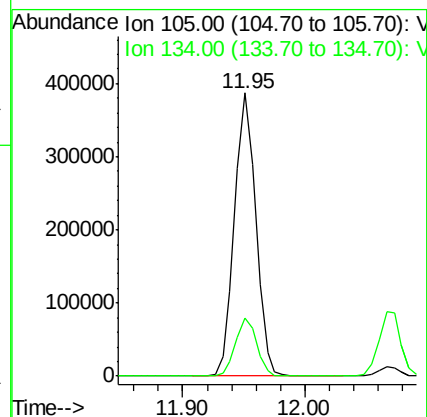
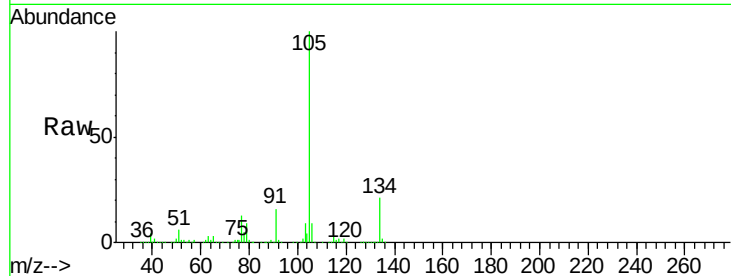
134 20.4 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 45.662 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002233.D

Acq: 02 Jun 2018 00:50

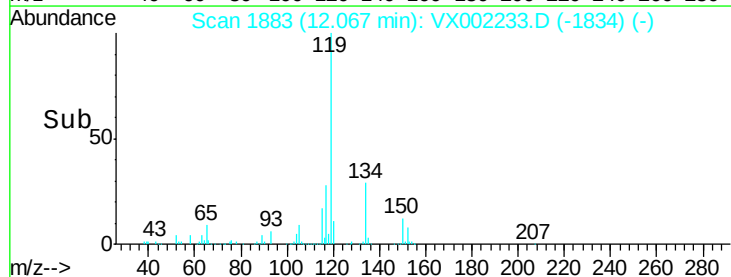
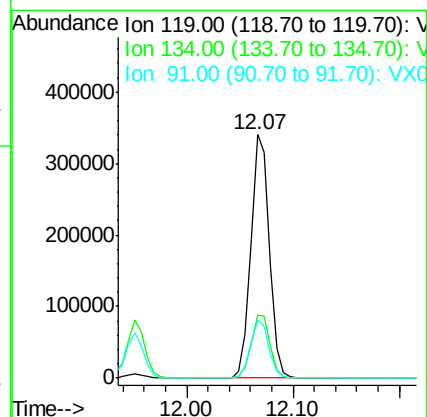
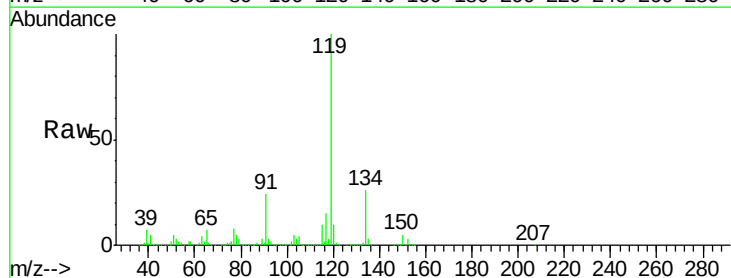
Tgt Ion:119 Resp: 413605

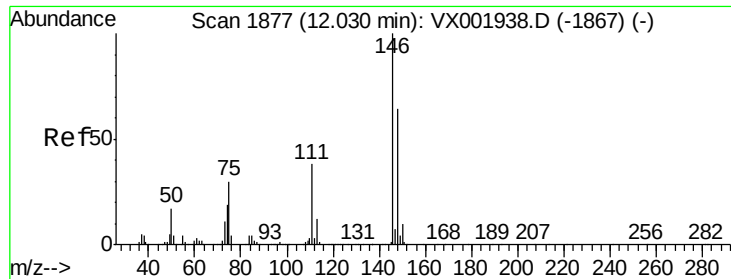
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 23.8 12.2 36.4





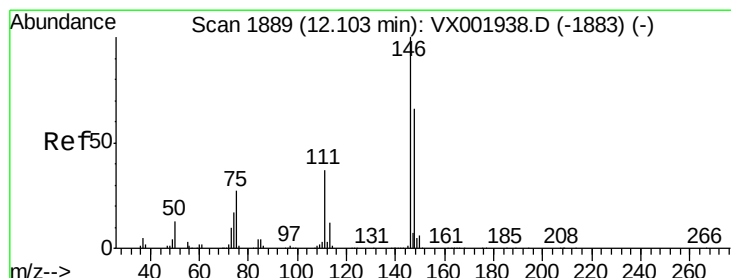
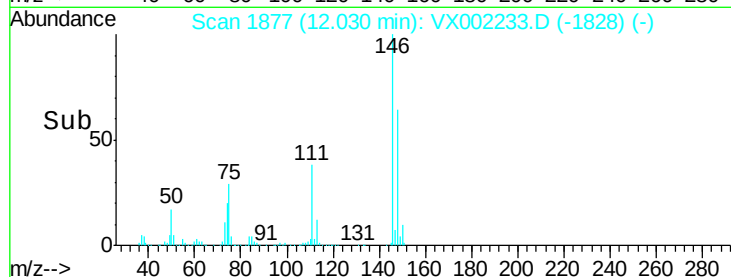
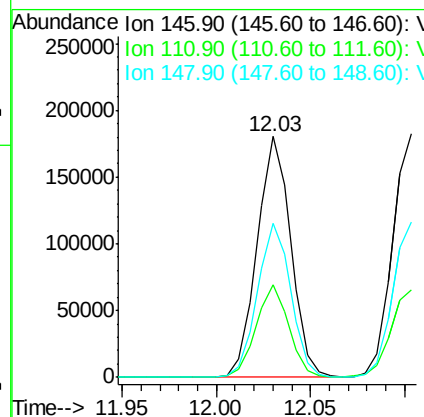
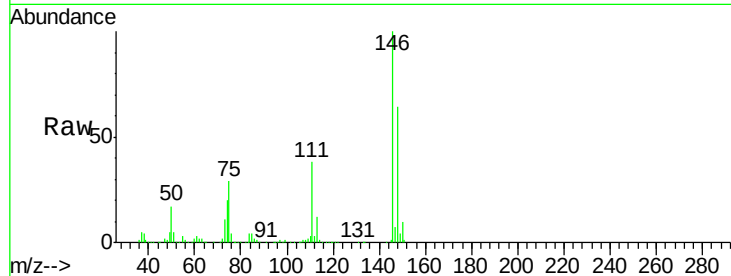
#87
 1,3-Dichlorobenzene
 Concen: 46.975 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	63.5	32.1	96.3

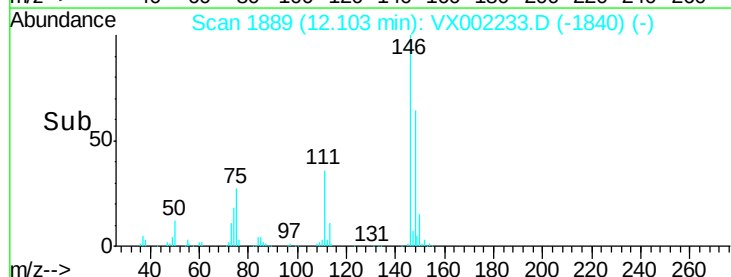
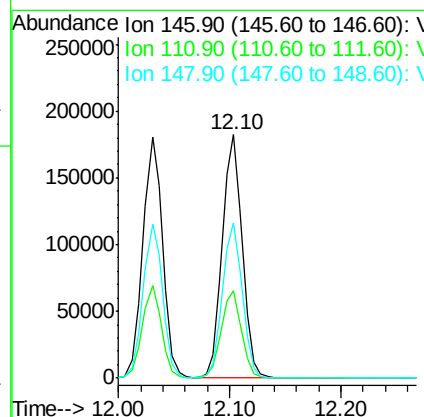
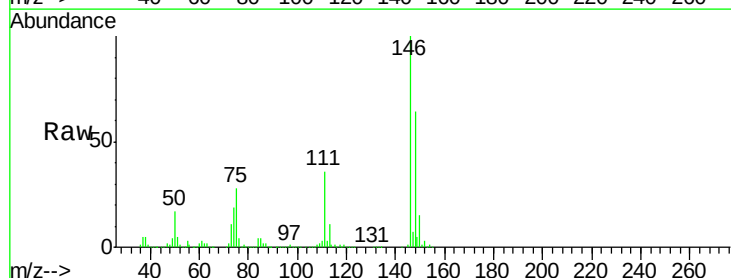
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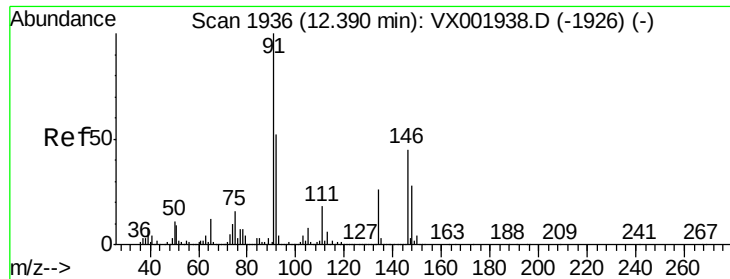
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 6/4/2018 2:31:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.473 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.5
148	63.6	32.3	96.8





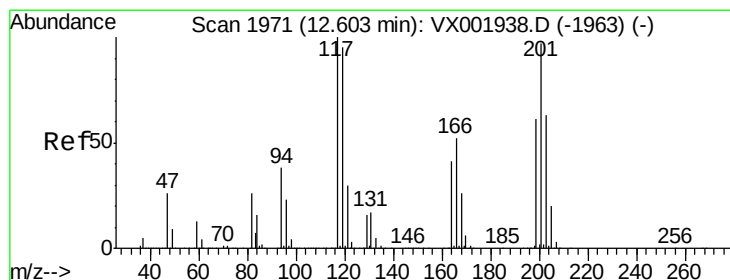
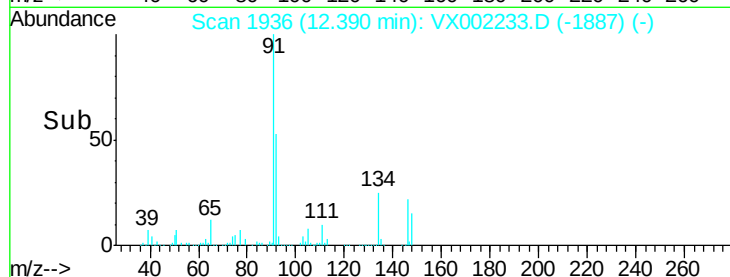
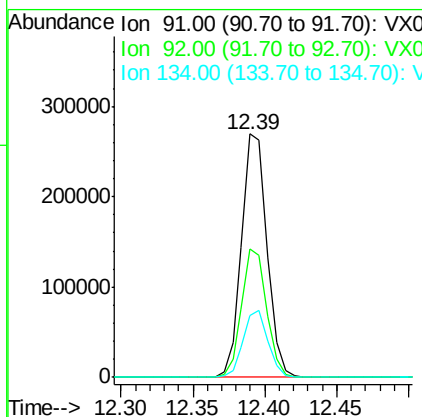
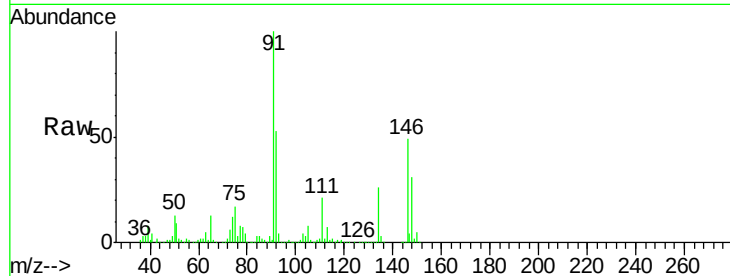
#89
n-Butylbenzene
Concen: 43.124 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	26.9	13.6	40.7

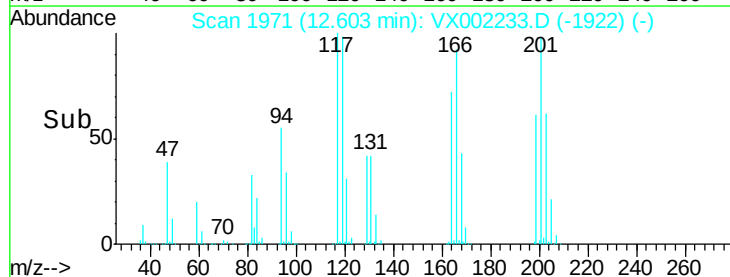
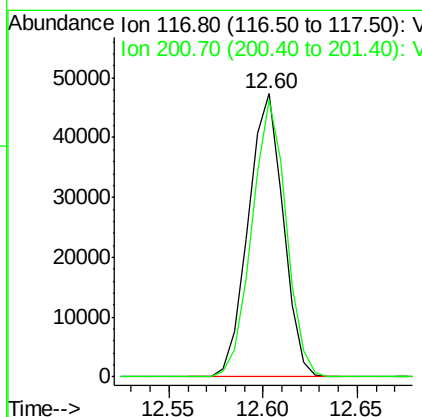
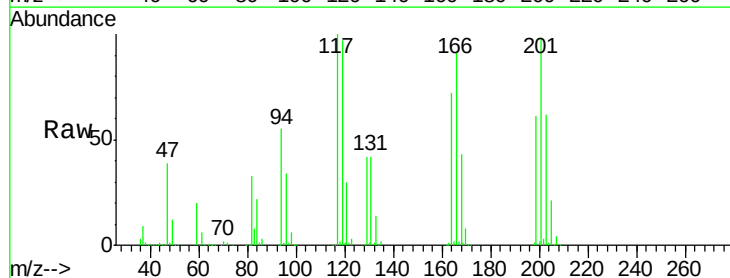
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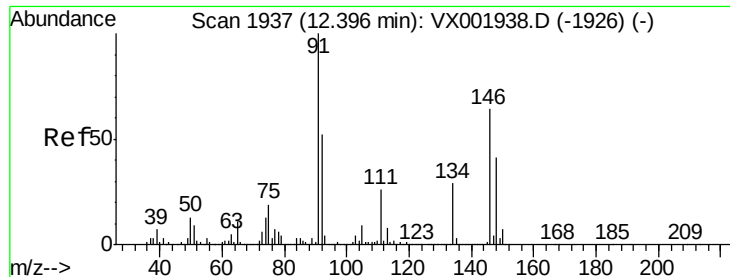
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#90
Hexachloroethane
Concen: 33.981 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.9	48.0	144.0





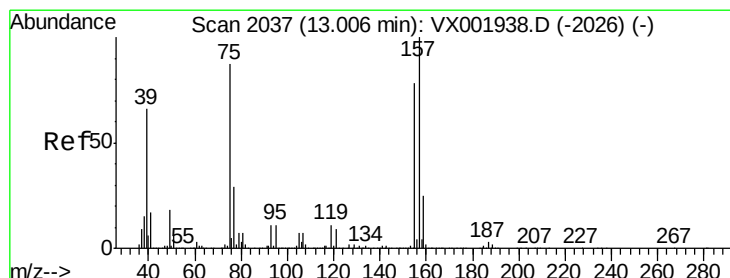
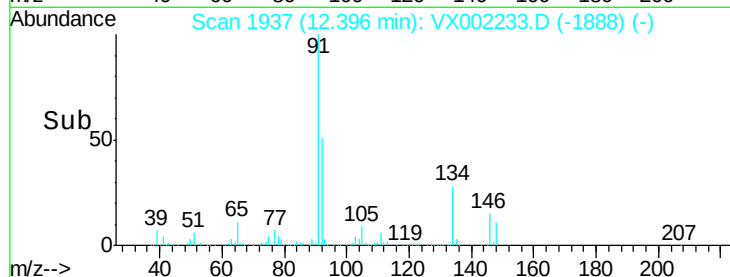
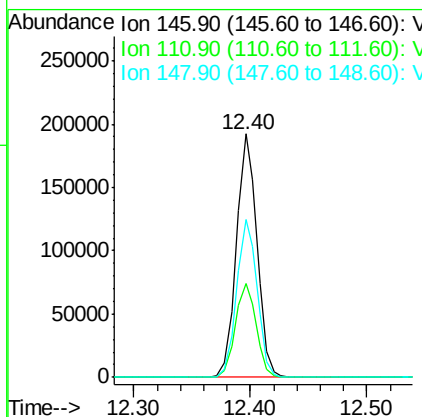
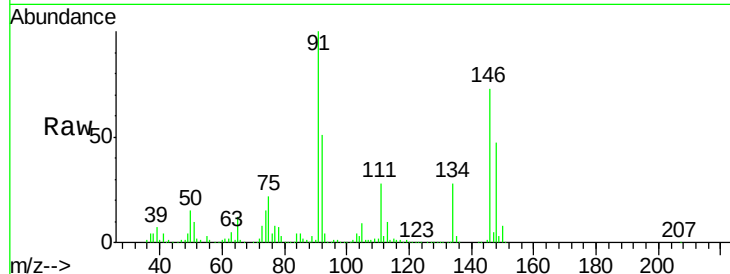
#91
 1,2-Dichlorobenzene
 Concen: 48.565 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	65.0	32.1	96.5

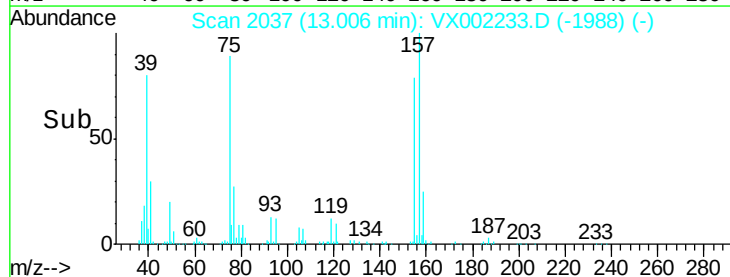
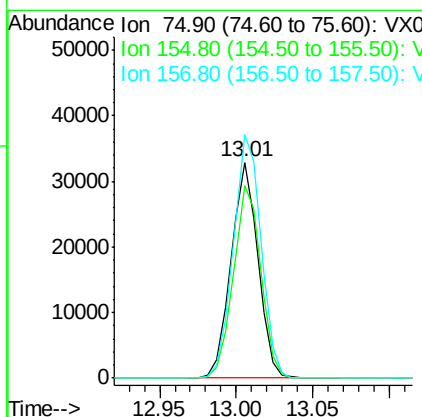
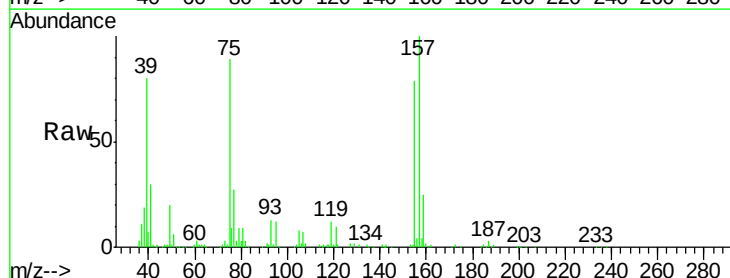
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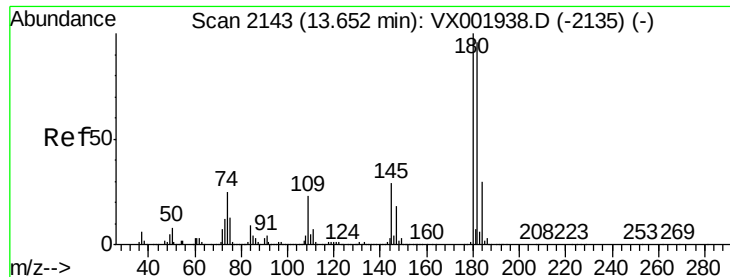
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.890 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	45.1	135.2
157	116.1	58.1	174.2





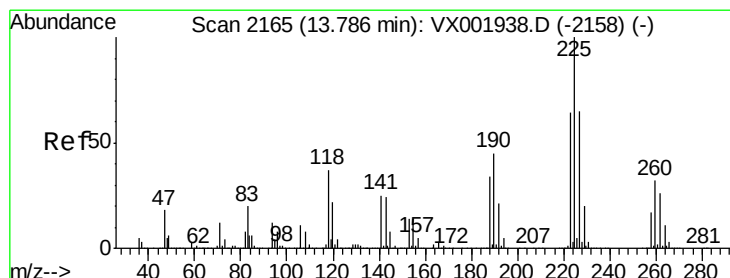
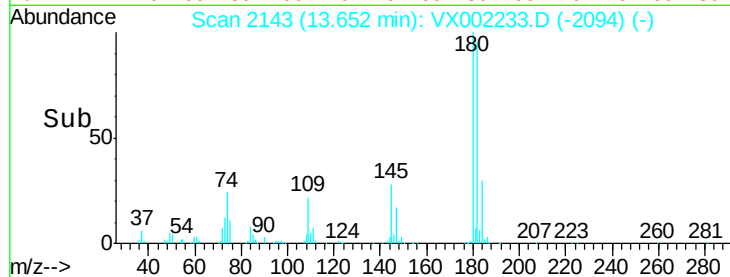
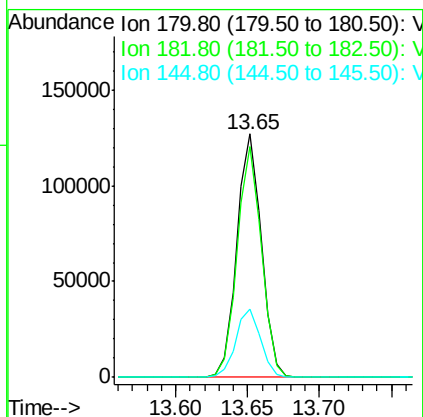
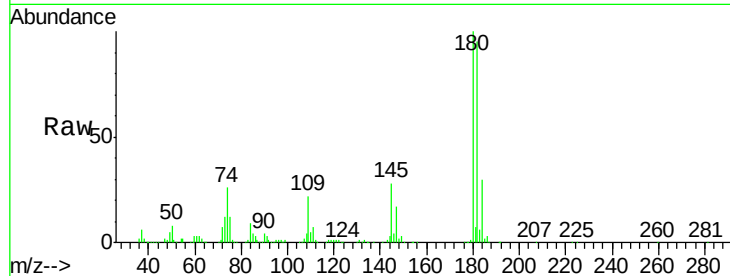
#93
 1,2,4-Trichlorobenzene
 Concen: 43.378 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150786		
182	94.1	47.7	143.1	
145	28.5	14.4	43.0	

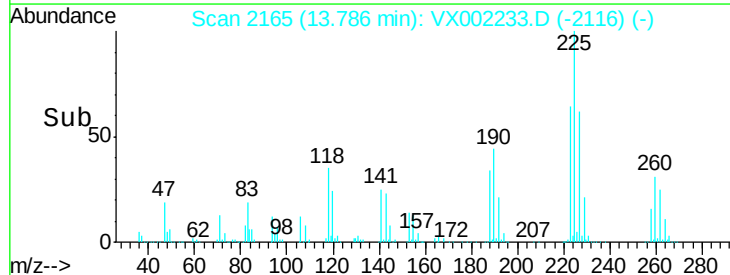
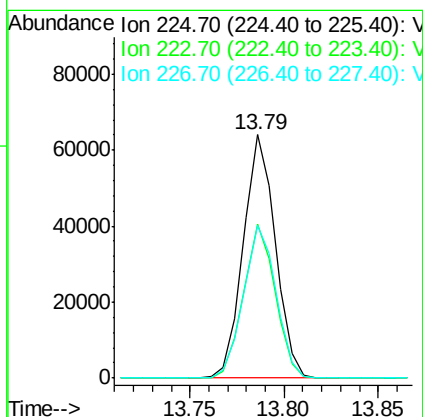
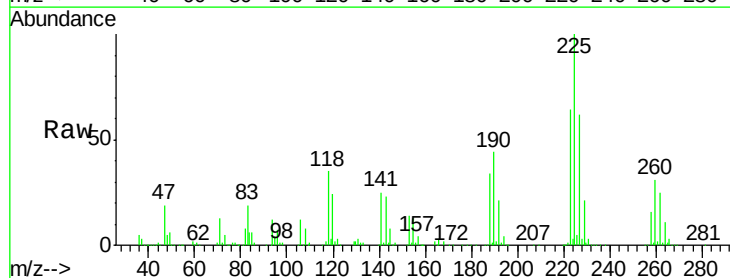
Manual Integrations
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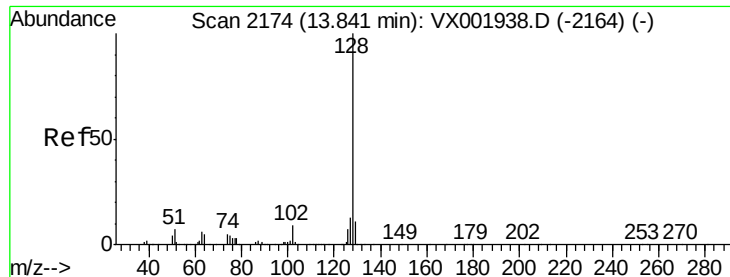
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 40.515 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002233.D
 Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75758		
223	62.7	31.1	93.5	
227	63.3	32.1	96.5	





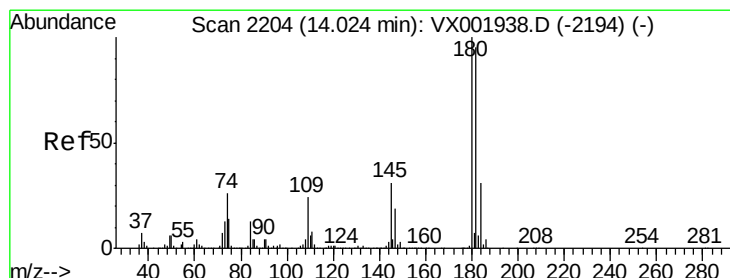
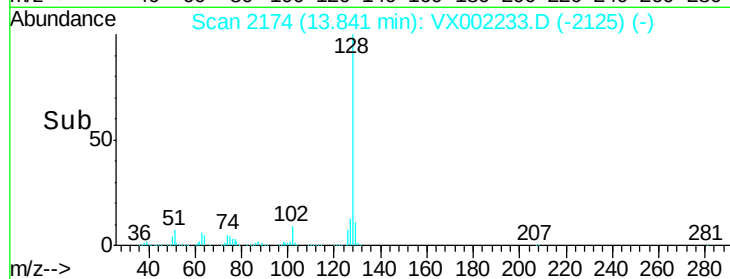
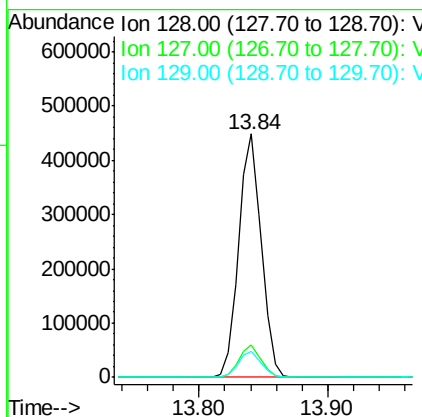
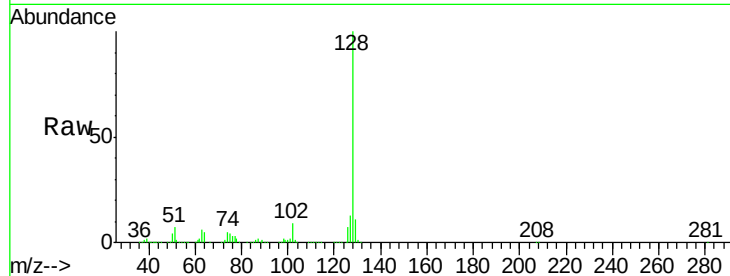
#95
Naphthalene
Concen: 50.950 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 45.561 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002233.D
Acq: 02 Jun 2018 00:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	30.1	15.1	45.3

