

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000073.D
 Acq On : 13 Feb 2018 12:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:27:58 PM

Quant Time: Feb 14 02:53:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	65409	48.25	ug/l	-0.01
Spiked Amount				50.000		
Recovery						96.50%
35) Dibromofluoromethane	5.51	113	57436	48.40	ug/l	0.00
Spiked Amount				50.000		
Recovery						96.80%
50) Toluene-d8	8.73	98	217371	49.21	ug/l	0.00
Spiked Amount				50.000		
Recovery						98.42%
62) 4-Bromofluorobenzene	11.15	95	89594	49.88	ug/l	0.00
Spiked Amount				50.000		
Recovery						99.76%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	56577	48.12	ug/l	97
3) Chloromethane	1.32	50	55624	46.46	ug/l	95
4) Vinyl Chloride	1.41	62	65381	48.46	ug/l	100
5) Bromomethane	1.64	94	49731	69.01	ug/l	96
6) Chloroethane	1.72	64	41468	51.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	113096	48.11	ug/l	98
8) Diethyl Ether	2.20	74	39288	46.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65559	49.36	ug/l	99
10) Methyl Iodide	2.51	142	78577	48.77	ug/l	100
11) Tert butyl alcohol	3.07	59	141620	261.08	ug/l	100
12) 1,1-Dichloroethene	2.38	96	58621	46.57	ug/l	99
13) Acrolein	2.30	56	54537	195.88	ug/l	99
14) Allyl chloride	2.73	41	102078	46.54	ug/l	99
15) Acrylonitrile	3.15	53	235568	249.26	ug/l	100
16) Acetone	2.45	43	215964	269.09	ug/l	98
17) Carbon Disulfide	2.57	76	170277	46.43	ug/l	99
18) Methyl Acetate	2.78	43	109835	54.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	206260	47.88	ug/l	99
20) Methylene Chloride	2.86	84	64965	48.34	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	63695	47.01	ug/l	98
22) Diisopropyl ether	3.88	45	189431	52.30	ug/l	99
23) Vinyl Acetate	3.83	43	906061	276.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108147	48.03	ug/l	99
25) 2-Butanone	4.71	43	323973	267.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	92805	48.10	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62122	46.78	ug/l	97
28) Bromochloromethane	5.03	49	35169	47.11	ug/l	92
29) Tetrahydrofuran	5.18	42	217157	261.63	ug/l	99
30) Chloroform	5.23	83	111227	49.01	ug/l	98
31) Cyclohexane	5.59	56	89741	48.52	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	104825	49.07	ug/l	98
36) 1,1-Dichloropropene	5.81	75	85071	48.07	ug/l	98
37) Ethyl Acetate	4.87	43	113257	49.56	ug/l	99
38) Carbon Tetrachloride	5.79	117	96472	48.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	107754	50.15	ug/l	99
40) Benzene	6.15	78	239576	47.90	ug/l	99
41) Methacrylonitrile	5.07	41	58709	50.01	ug/l	99
42) 1,2-Dichloroethane	6.21	62	89480	50.08	ug/l	99
43) Isopropyl Acetate	6.48	43	171407	49.74	ug/l	99
44) Trichloroethene	7.22	130	74945	48.42	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61805	50.82	ug/l	96
46) Dibromomethane	7.67	93	47448	50.55	ug/l	95
47) Bromodichloromethane	7.90	83	90543	49.61	ug/l	97
48) Methyl methacrylate	7.79	41	83521	49.38	ug/l	99
49) 1,4-Dioxane	7.77	88	45123	1001.55	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	635575	264.71	ug/l	99
52) Toluene	8.79	92	170162	50.64	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	107898	50.53	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	109031	52.54	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	70953	50.36	ug/l	96
56) Ethyl methacrylate	9.19	69	111614	51.63	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110181	50.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269367	252.30	ug/l	99
59) 2-Hexanone	9.51	43	535887	274.42	ug/l	99
60) Dibromochloromethane	9.59	129	85258	52.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79871	51.46	ug/l	100
64) Tetrachloroethene	9.34	164	73930	49.98	ug/l	98
65) Chlorobenzene	10.15	112	202818	49.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	74350	50.07	ug/l	99
67) Ethyl Benzene	10.26	91	339293	49.56	ug/l	100
68) m/p-Xylenes	10.37	106	271480	99.56	ug/l	100
69) o-Xylene	10.71	106	129601	49.24	ug/l	98
70) Styrene	10.72	104	220553	49.61	ug/l	100
71) Bromoform	10.87	173	73524	52.33	ug/l #	99
73) Isopropylbenzene	11.02	105	358501	48.36	ug/l	100
74) N-amyl acetate	6.48	43	171407	46.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	119057	47.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112294m	51.03	ug/l	
77) Bromobenzene	11.26	156	96761	48.10	ug/l	100
78) n-propylbenzene	11.37	91	416661	48.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	238989	48.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	300828	48.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	43529	48.94	ug/l	95
82) 4-Chlorotoluene	11.52	91	288034	48.49	ug/l	100
83) tert-Butylbenzene	11.78	119	303637	48.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	311159	48.95	ug/l	99
85) sec-Butylbenzene	11.96	105	376056	48.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	341067	49.12	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	183562	48.43	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	188714	48.65	ug/l	99
89) n-Butylbenzene	12.40	91	318696	49.13	ug/l	100
90) Hexachloroethane	12.60	117	59973	49.39	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	176951	47.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34177	47.33	ug/l	98

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QLast Update : Fri Feb 09 23:01:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135470	47.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	64707	48.36	ug/l	99
95) Naphthalene	13.84	128	444735	48.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	132549	48.03	ug/l	100

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

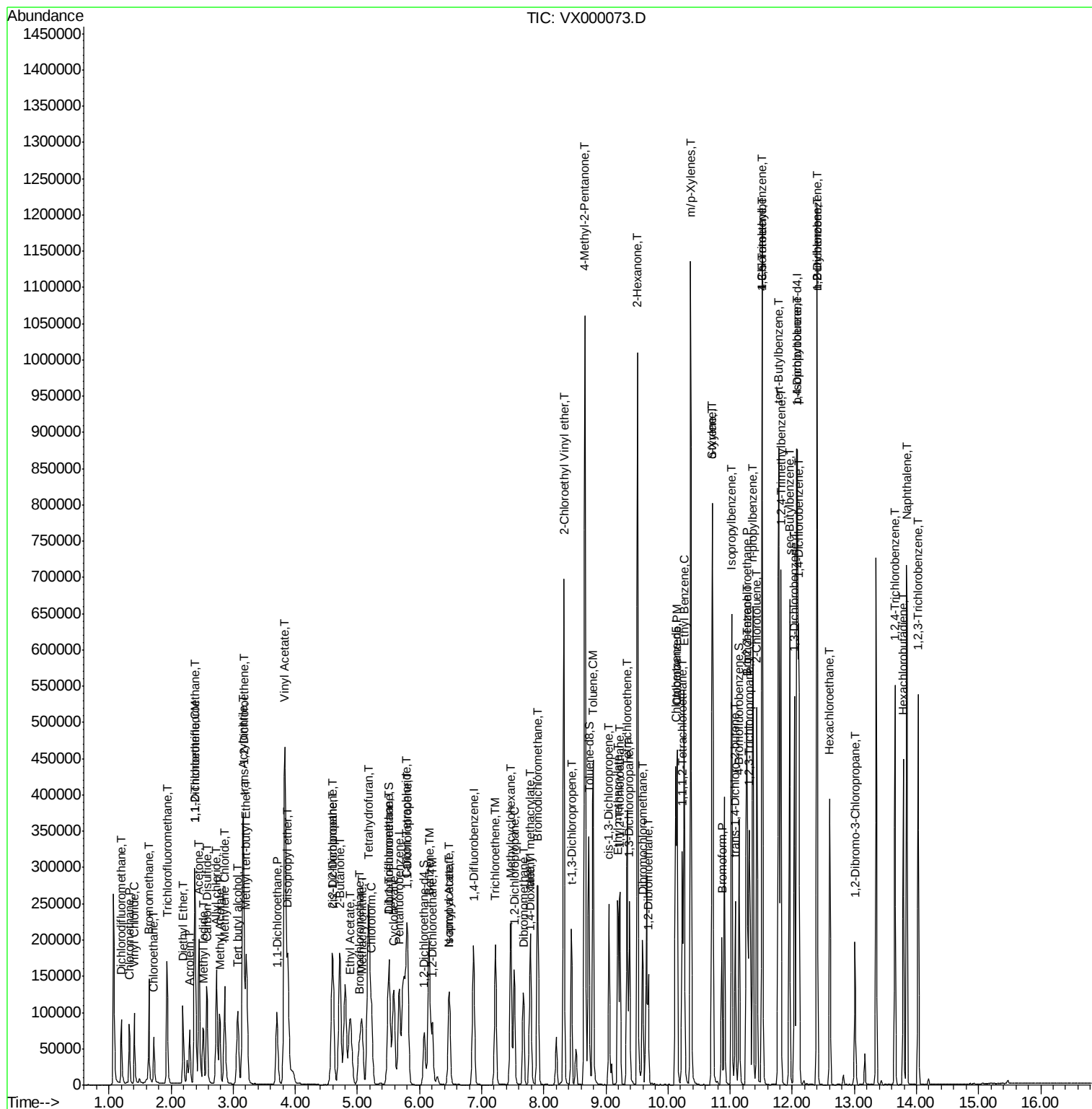
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
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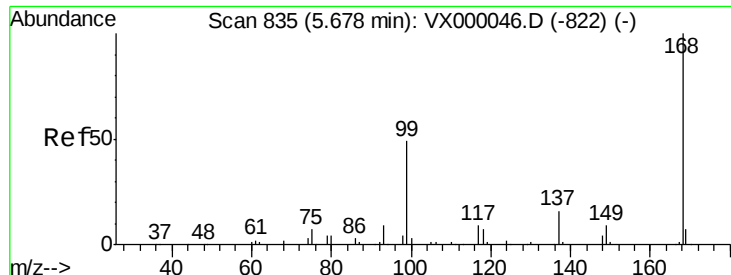
Instrument :
 Client Sample ID :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 129745

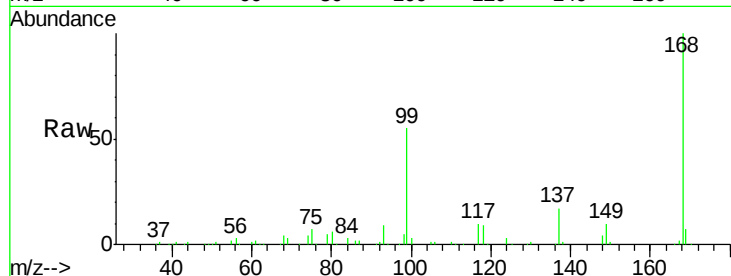
Ion Ratio Lower Upper

168 100

99 54.6 39.4 59.2

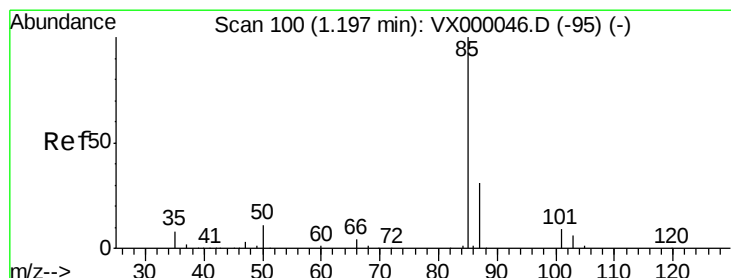
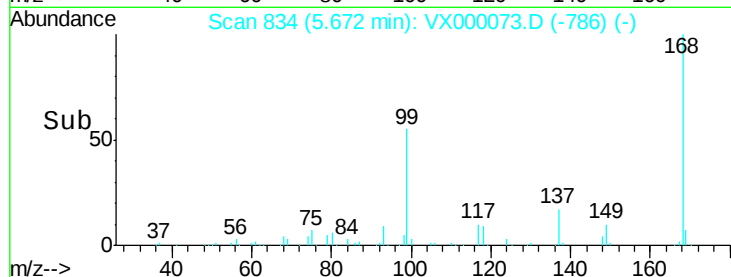
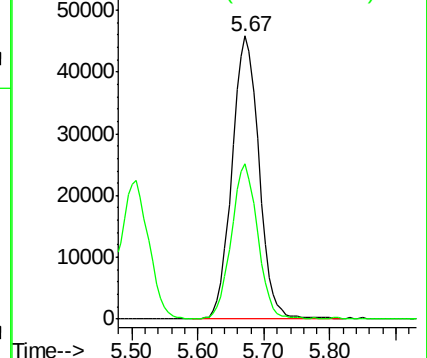
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000073.D

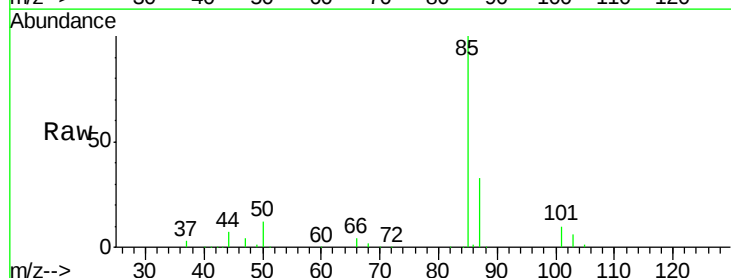
Acq: 13 Feb 2018 12:37

Tgt Ion: 85 Resp: 56577

Ion Ratio Lower Upper

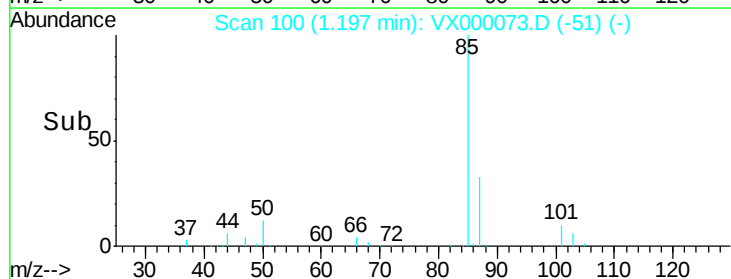
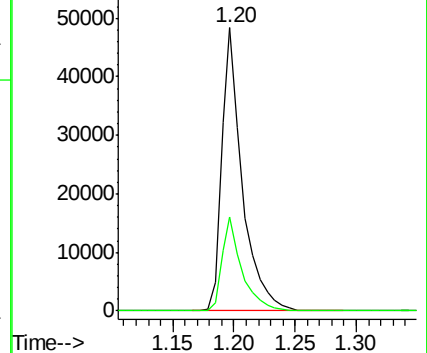
85 100

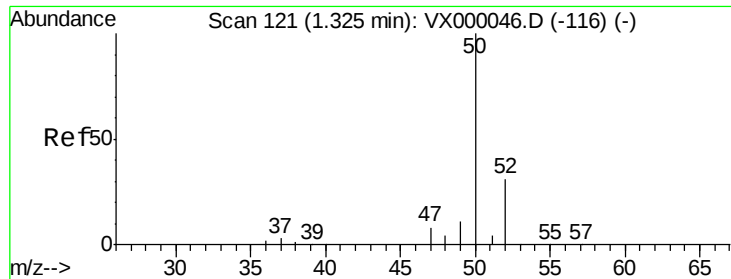
87 33.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 55624

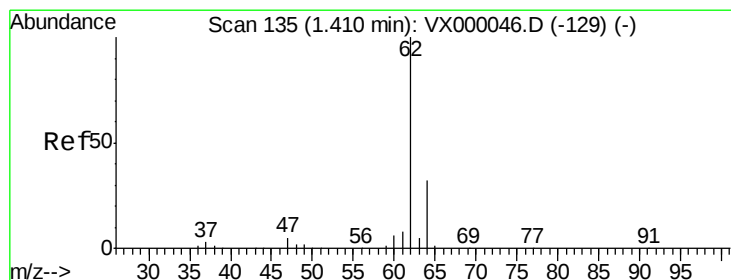
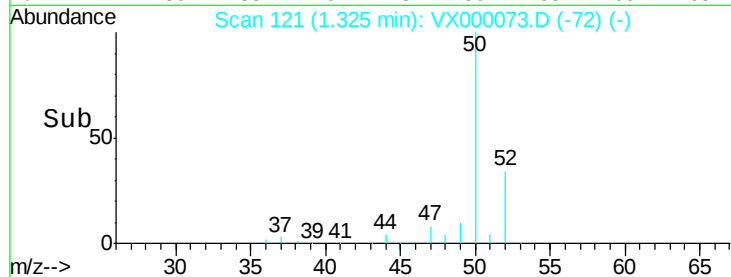
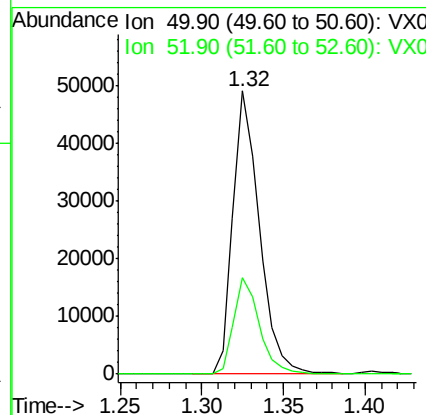
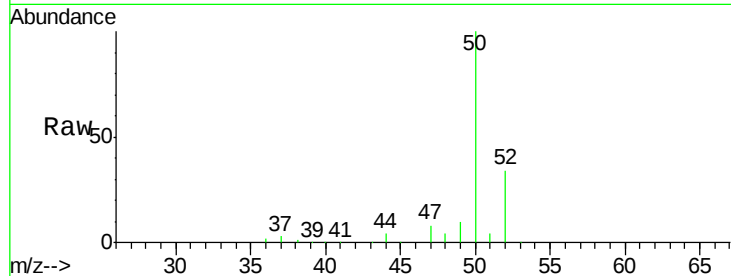
Ion Ratio Lower Upper

50 100

52 34.3 25.0 37.6

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#4

Vinyl Chloride

Concen: 48.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000073.D

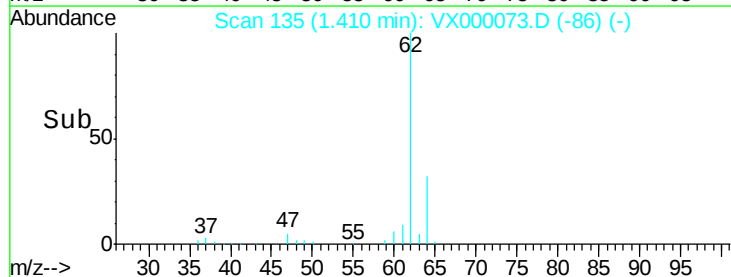
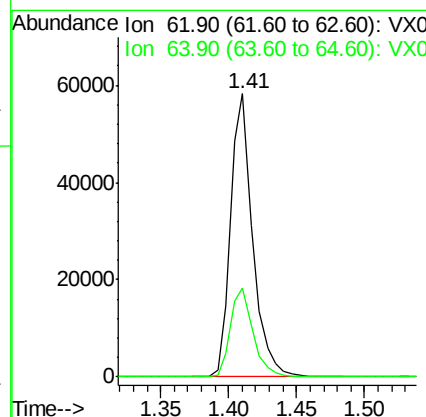
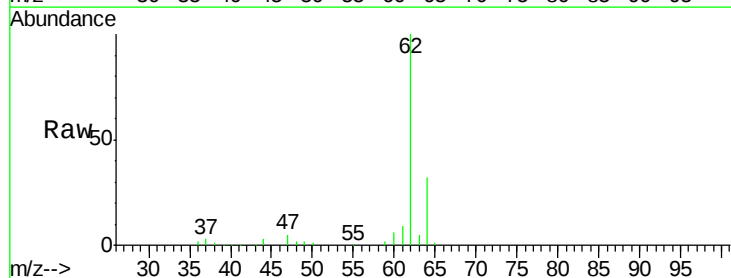
Acq: 13 Feb 2018 12:37

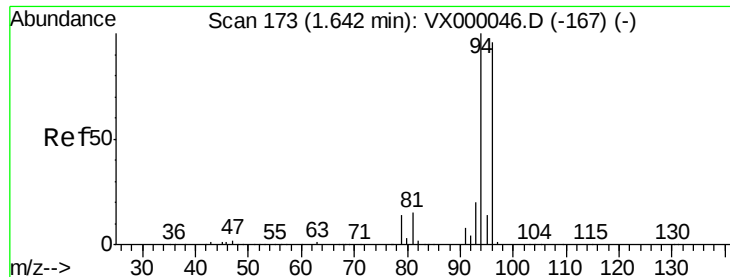
Tgt Ion: 62 Resp: 65381

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 69.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 49731

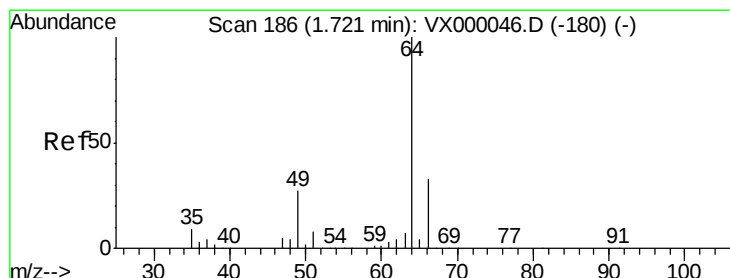
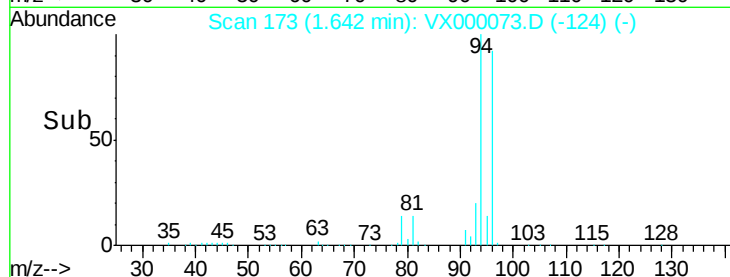
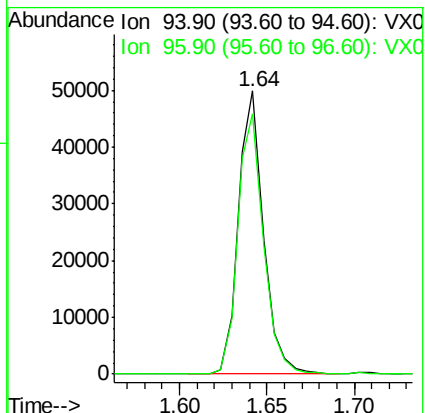
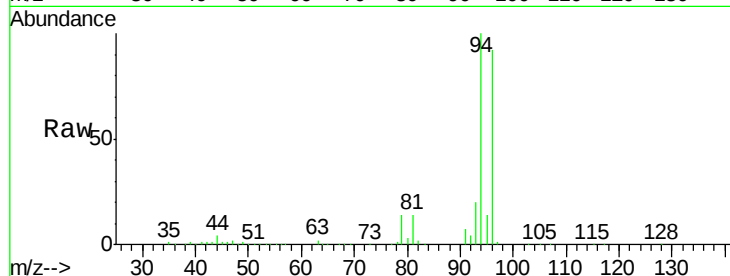
Ion Ratio Lower Upper

94 100

96 92.2 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 51.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000073.D

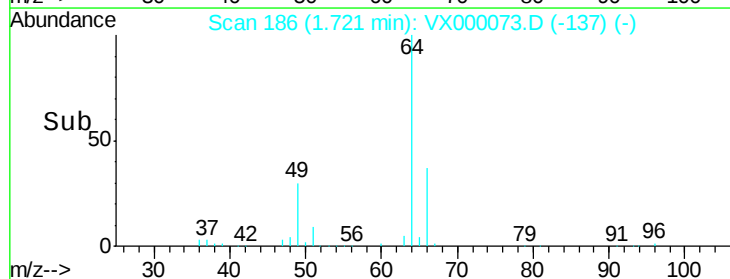
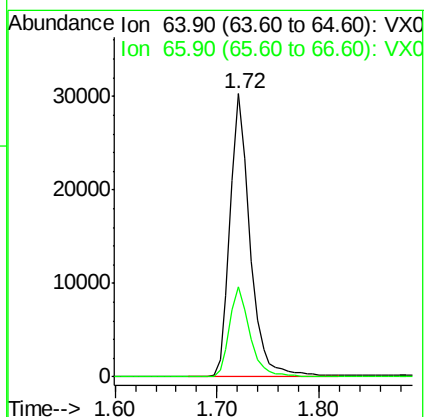
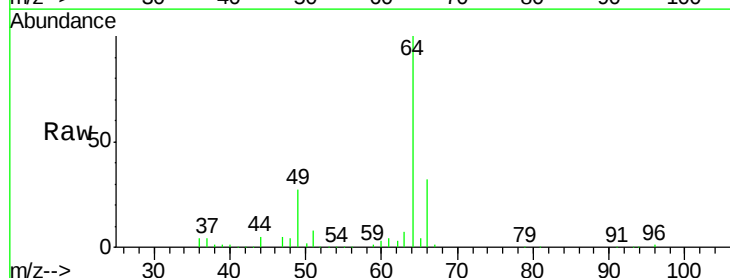
Acq: 13 Feb 2018 12:37

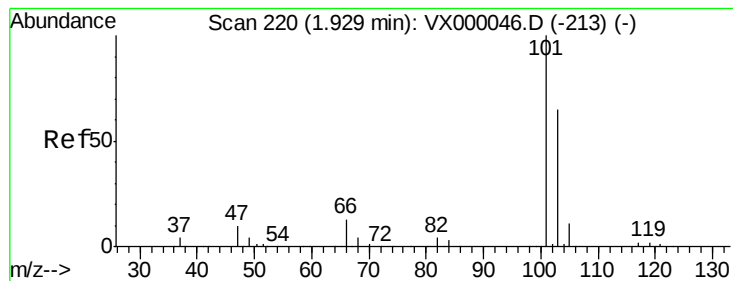
Tgt Ion: 64 Resp: 41468

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6





#7

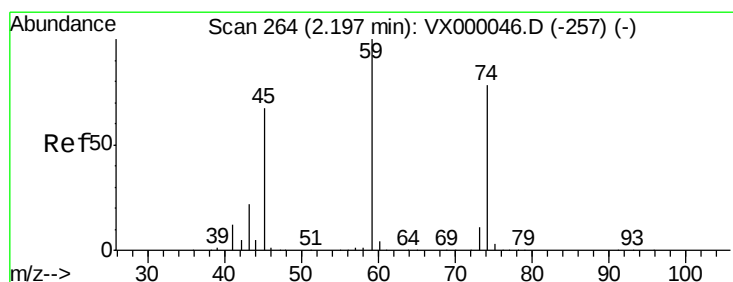
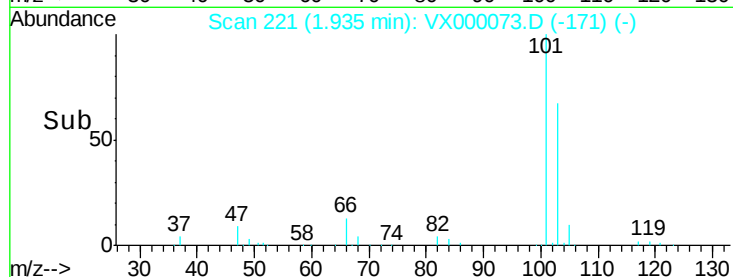
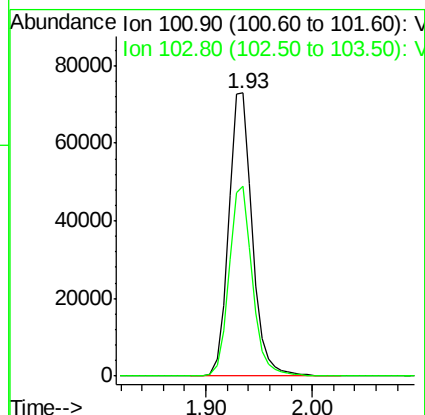
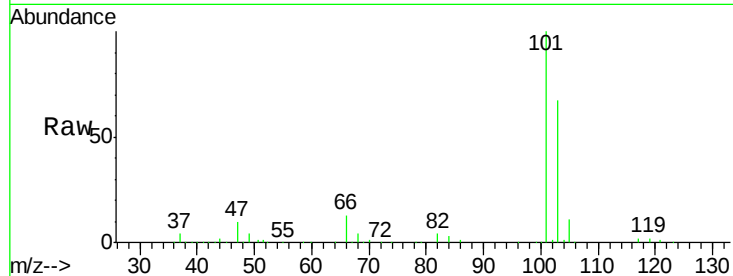
Trichlorofluoromethane
Concen: 48.11 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 113096
Ion Ratio Lower Upper
101 100
103 67.3 52.3 78.5

Manual Integrations
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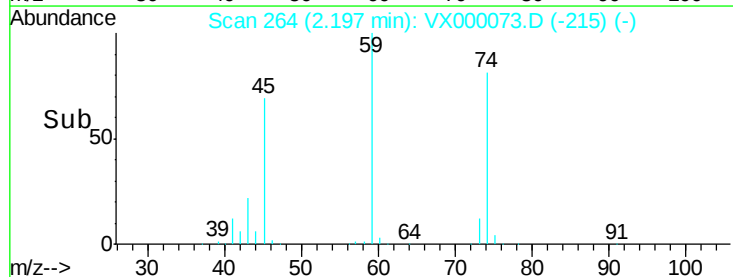
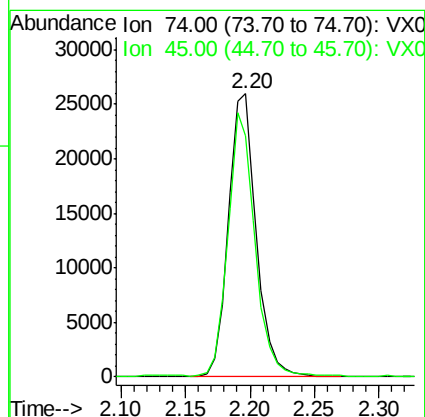
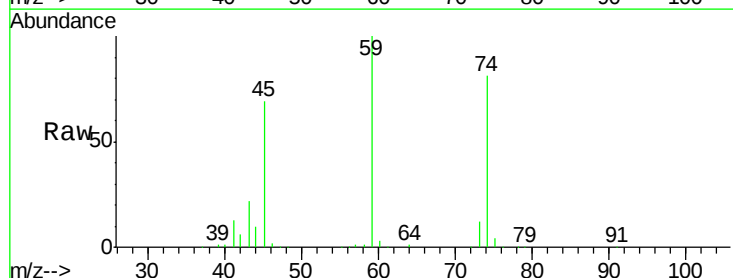
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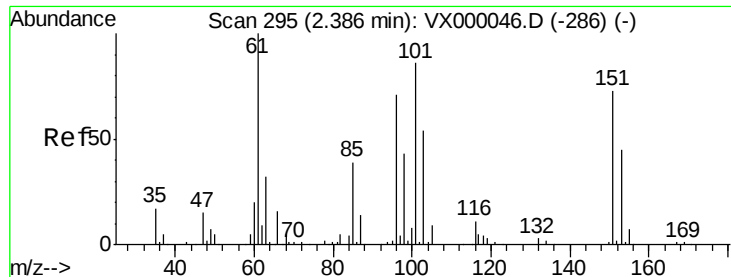


#8

Diethyl Ether
Concen: 46.16 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 74 Resp: 39288
Ion Ratio Lower Upper
74 100
45 90.0 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.36 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

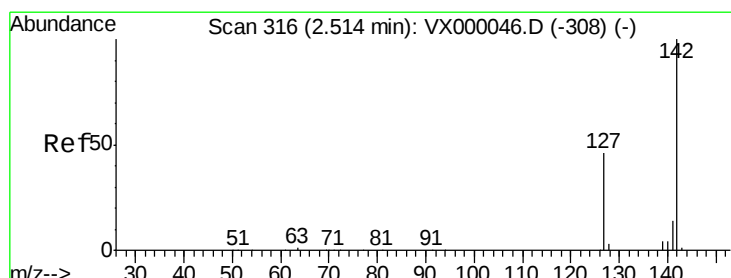
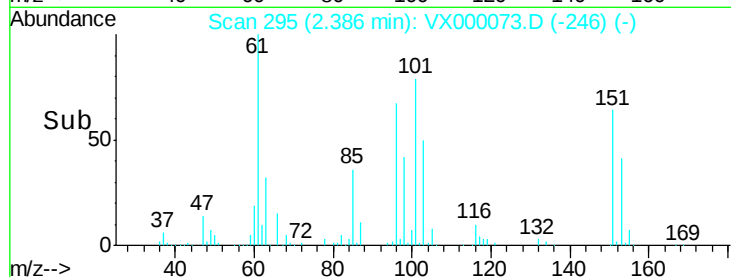
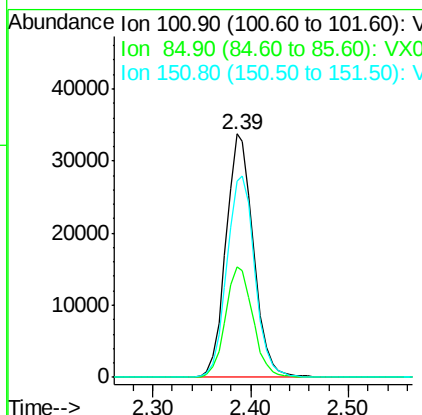
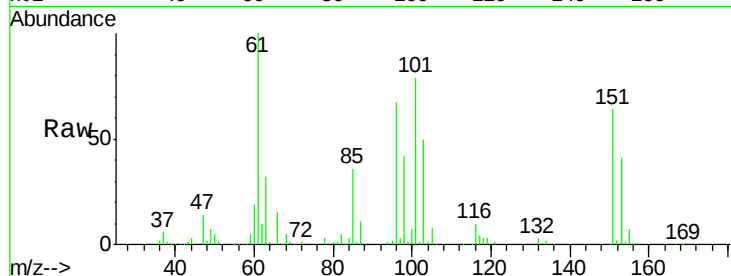
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	65559
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.6	54.8
151	84.3	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 48.77 ug/l

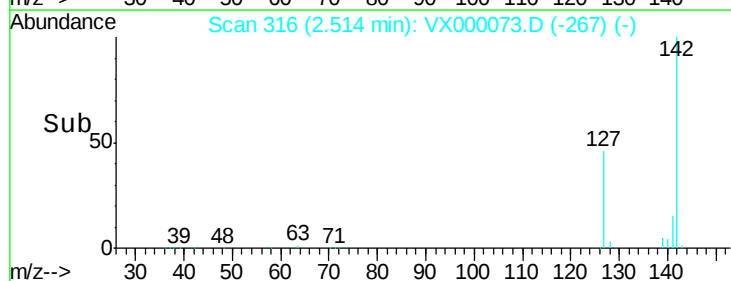
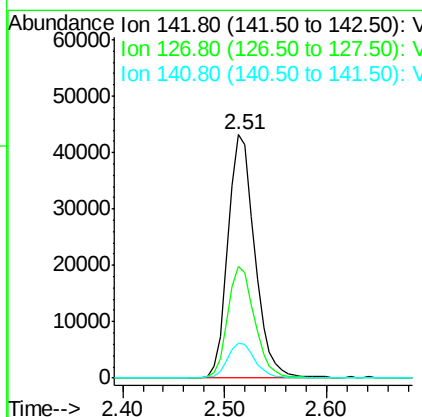
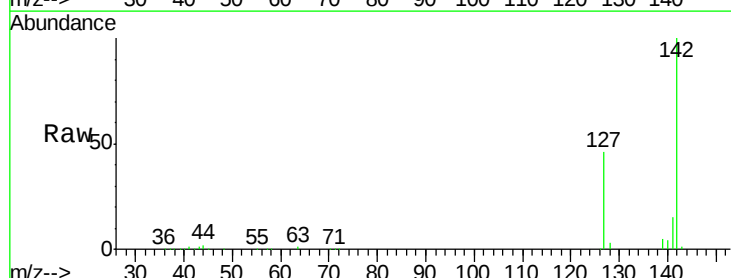
RT: 2.51 min Scan# 316

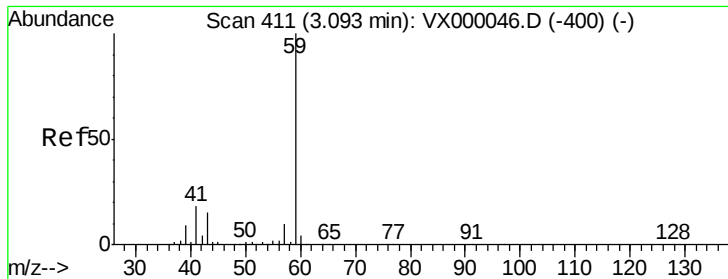
Delta R.T. 0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	142	Resp:	78577
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.8	55.2
141	14.8	11.4	17.0





#11

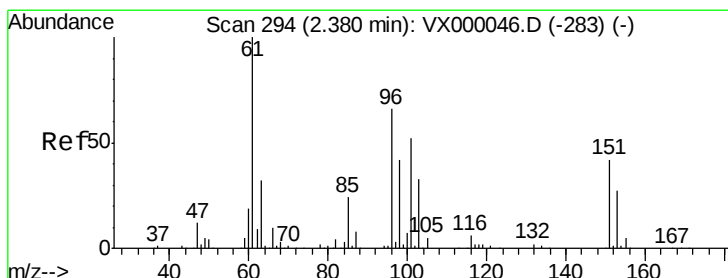
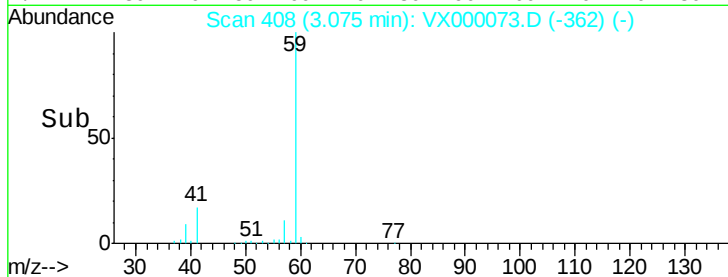
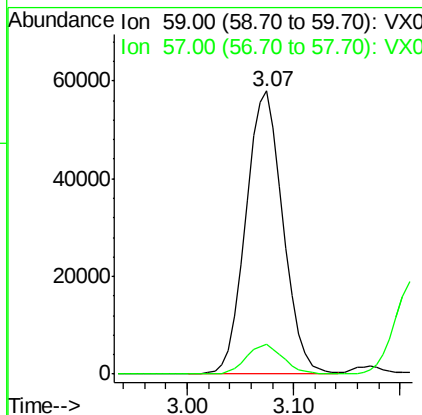
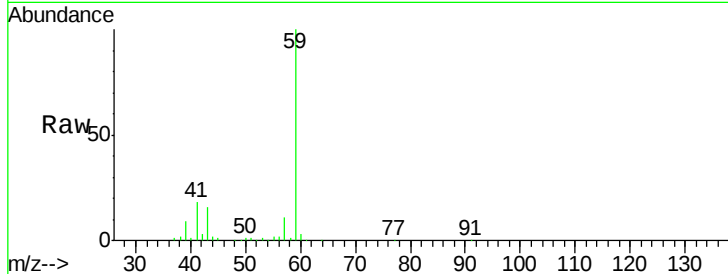
Tert butyl alcohol
Concen: 261.08 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

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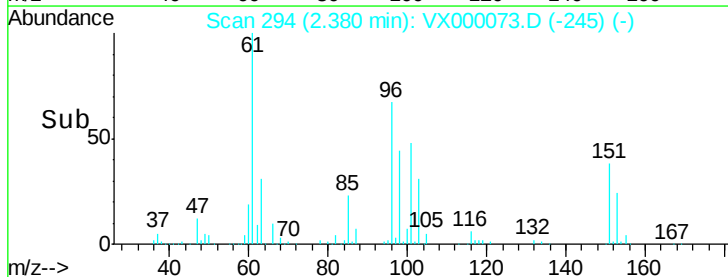
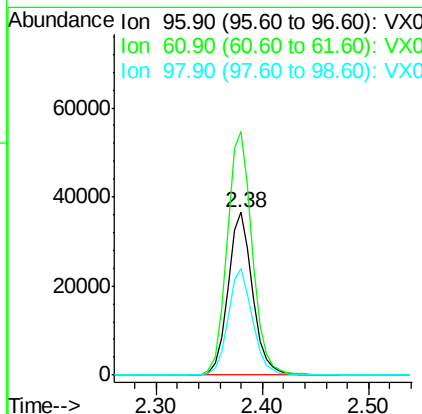
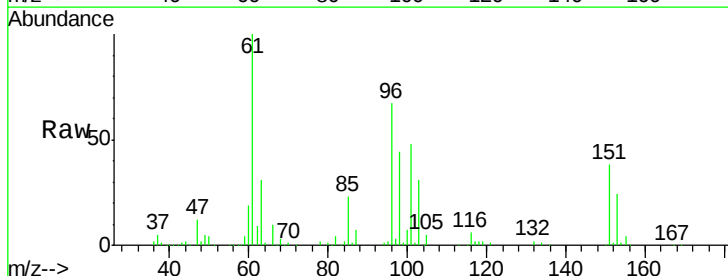
MMDadoda
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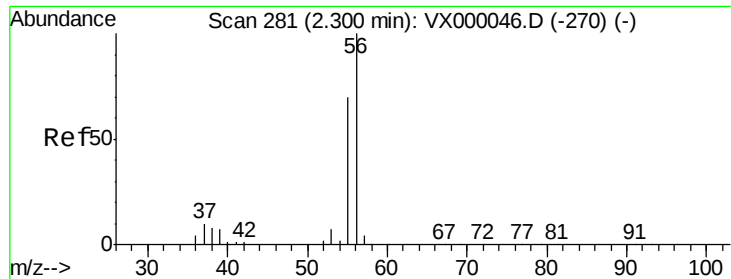


#12

1,1-Dichloroethene
Concen: 46.57 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	120.3	180.5
98	65.6	51.0	76.4





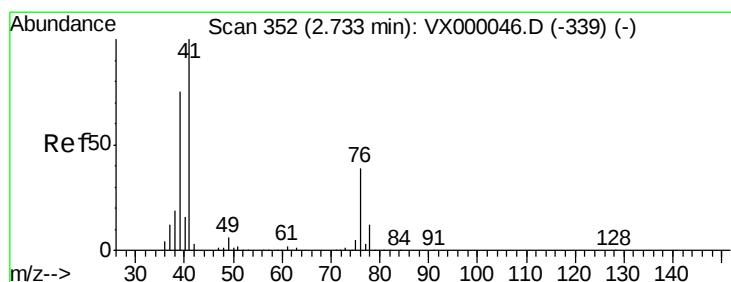
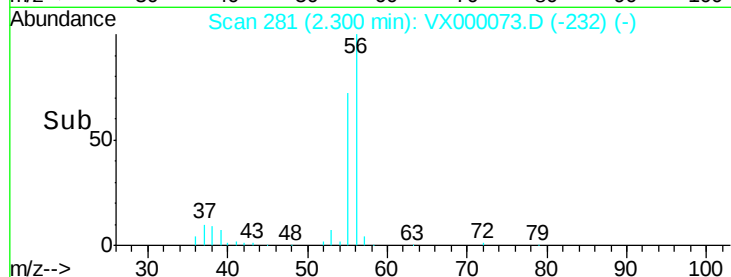
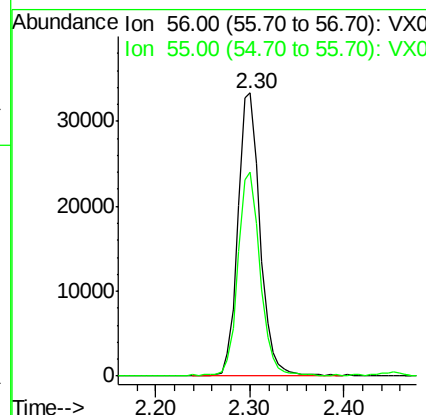
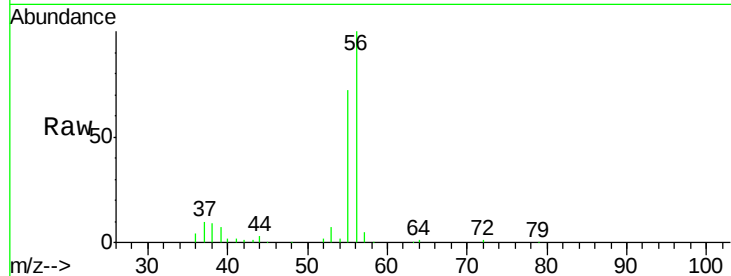
#13
Acrolein
Concen: 195.88 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	71.2			56.4	84.6

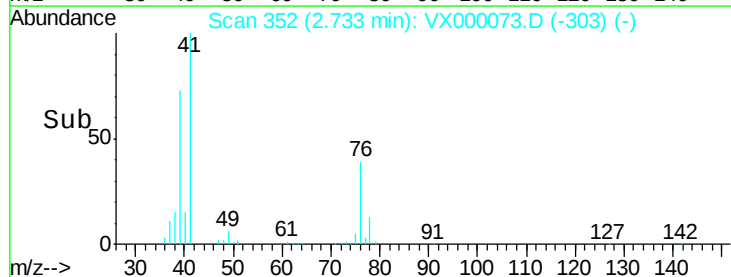
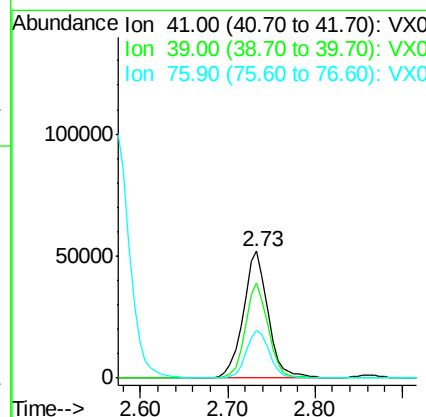
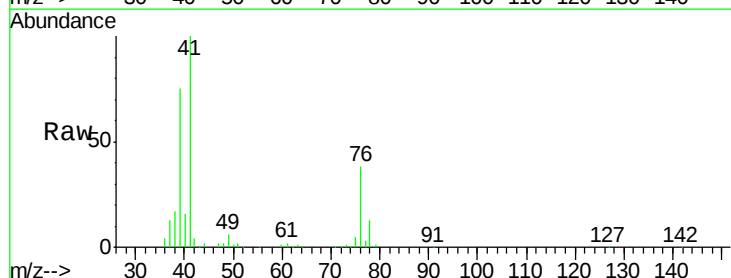
Manual Integrations
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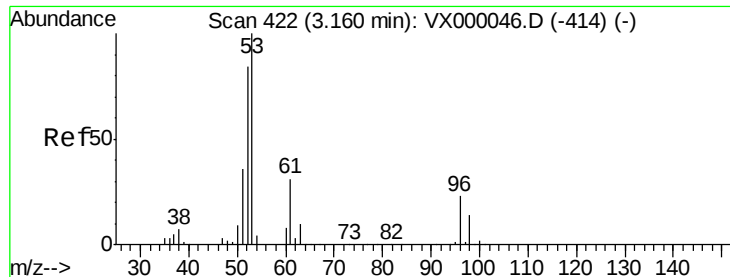
MMDadoda
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#14
Allyl chloride
Concen: 46.54 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	68.6				55.8	83.6
76	35.2				28.7	43.1





#15

Acrylonitrile

Concen: 249.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

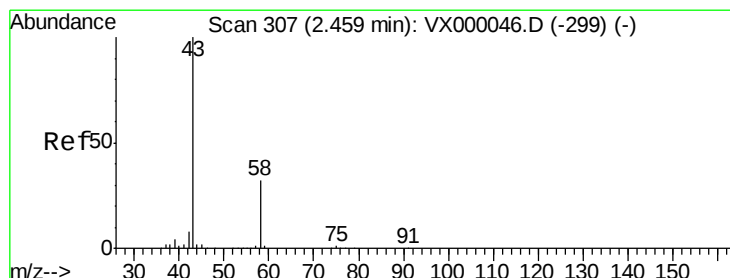
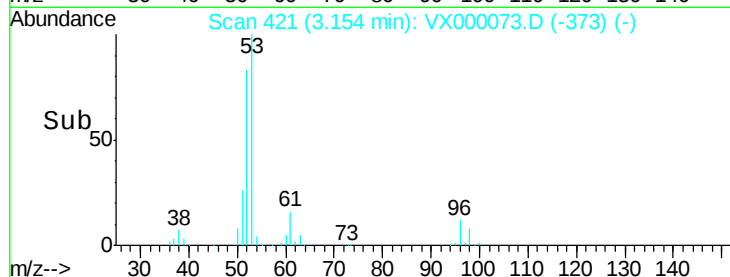
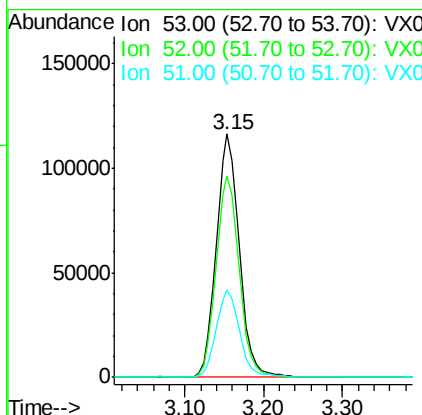
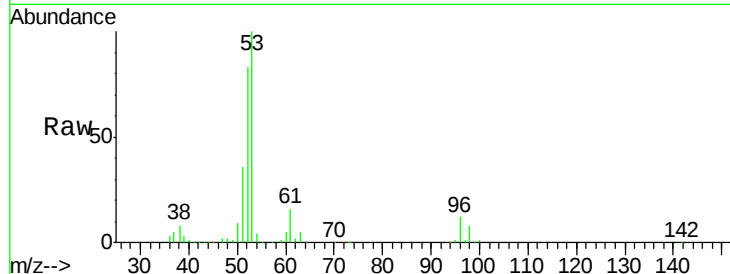
Client Sampled :

VSTDCCC050

Tot Ion:	53	Resp:	235568
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.5	99.7
51	36.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 269.09 ug/l

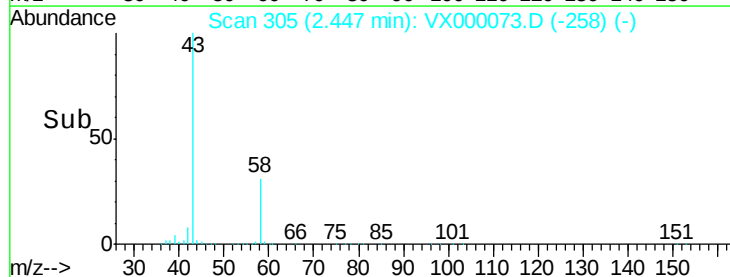
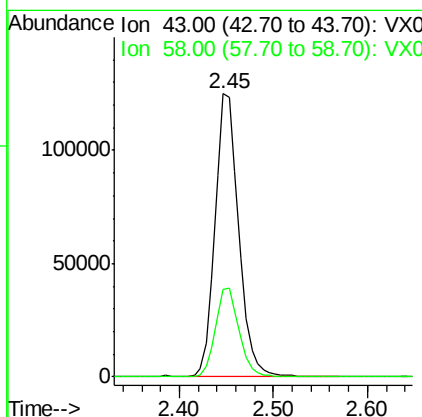
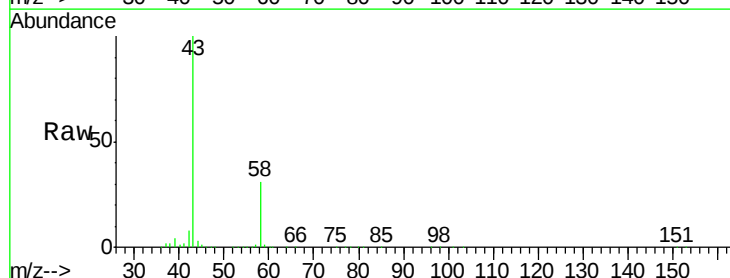
RT: 2.45 min Scan# 305

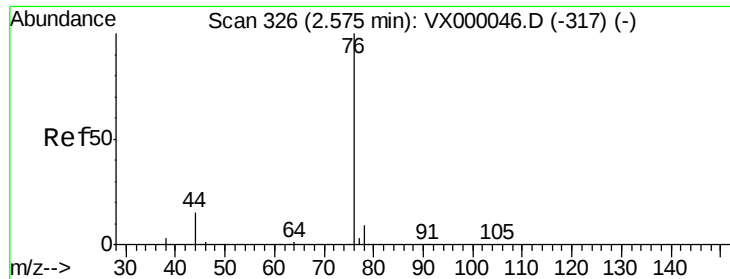
Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	43	Resp:	215964
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.9	38.9





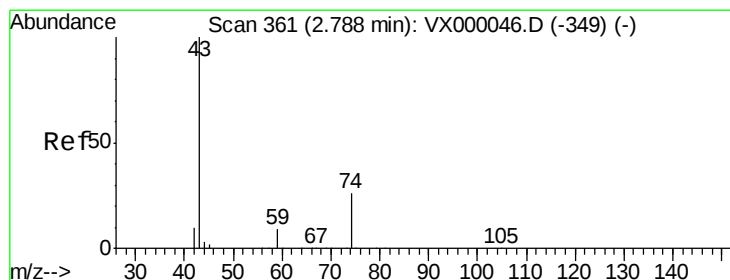
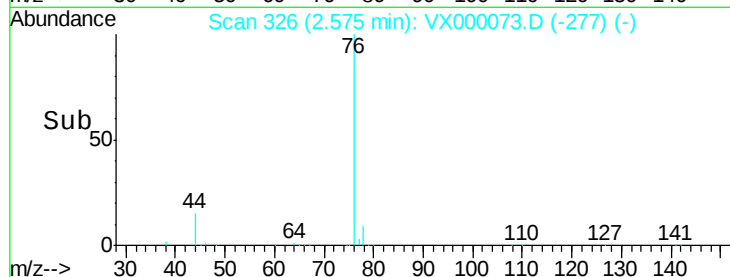
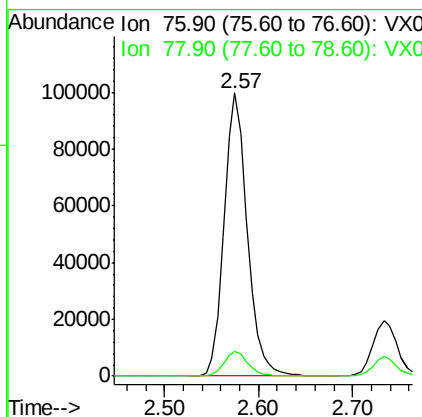
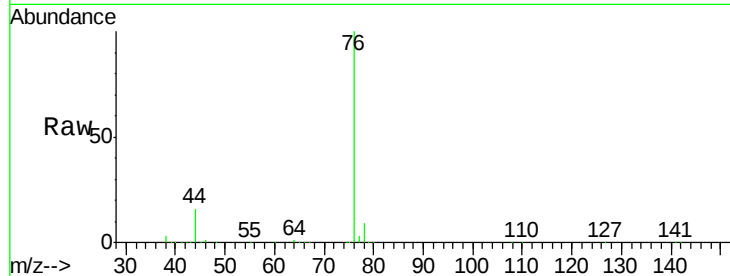
#17
Carbon Disulfide
Concen: 46.43 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

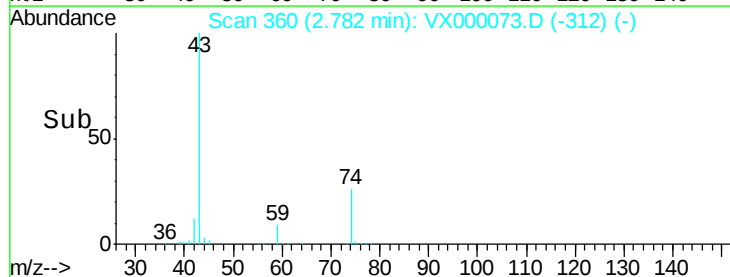
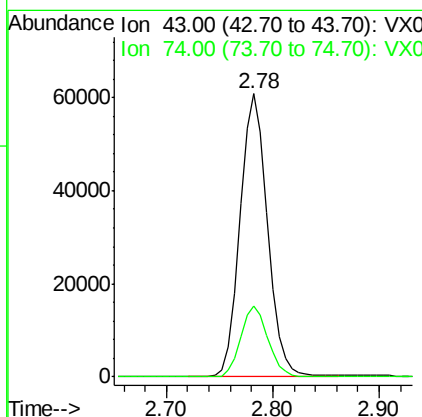
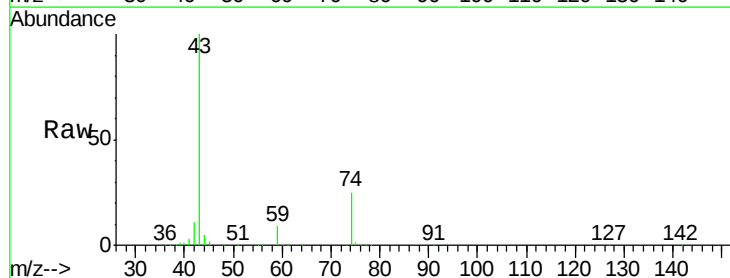
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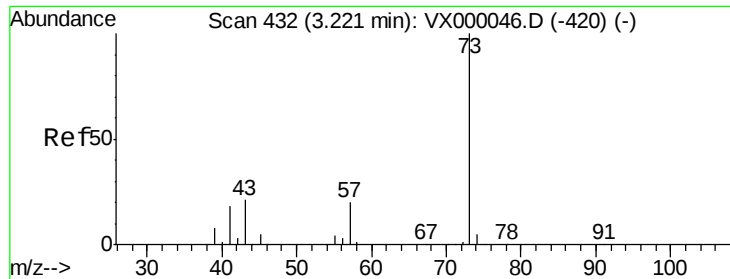
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#18
Methyl Acetate
Concen: 54.28 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	20.2	30.4





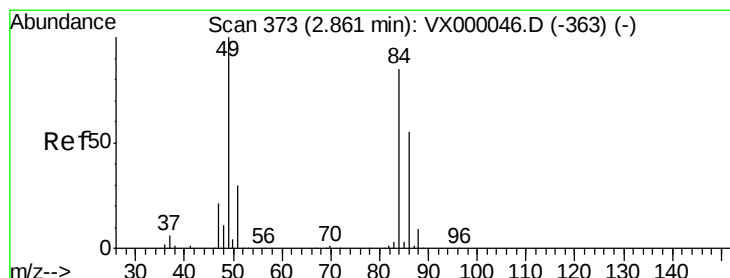
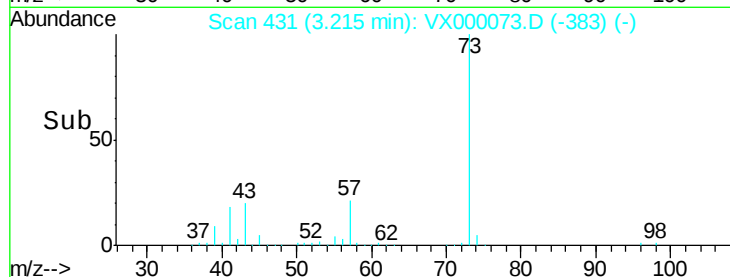
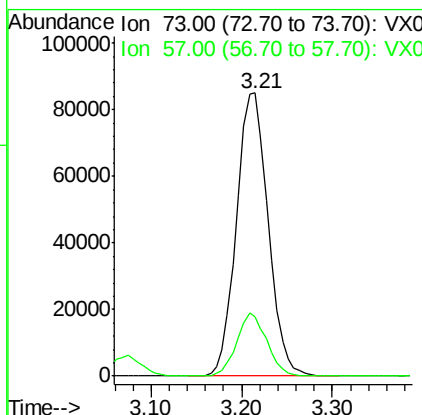
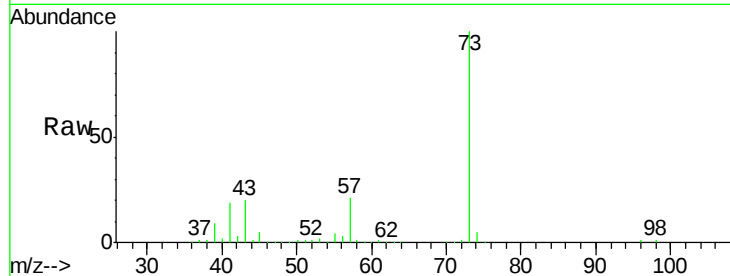
#19
Methvl tert-butvl Ether
Concen: 47.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 206260
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4

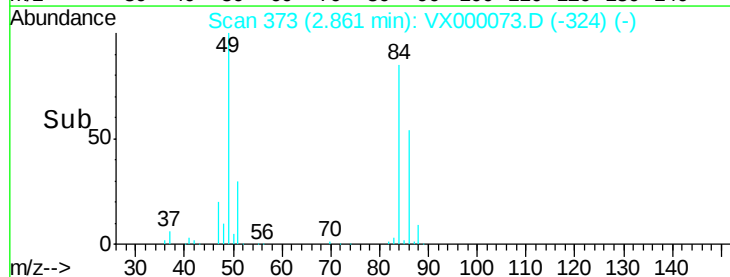
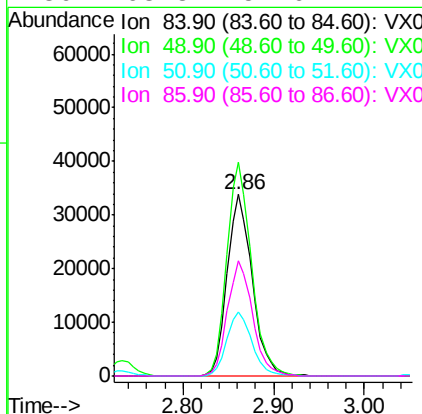
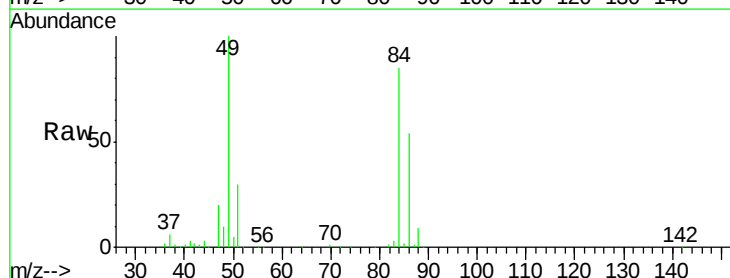
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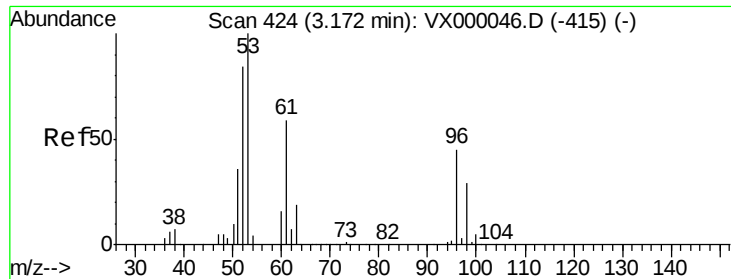
MMDadoda
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#20
Methylene Chloride
Concen: 48.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 84 Resp: 64965
Ion Ratio Lower Upper
84 100
49 117.8 94.4 141.6
51 35.3 28.3 42.5
86 63.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.01 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

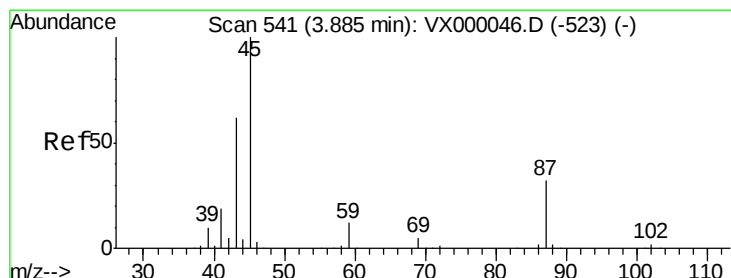
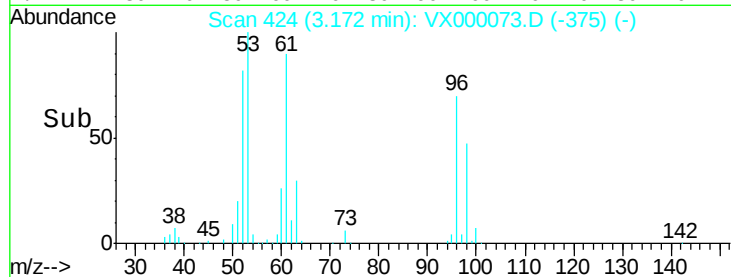
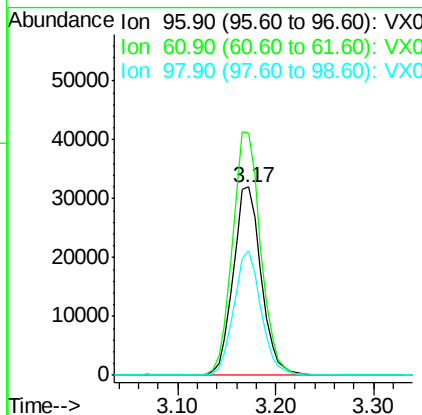
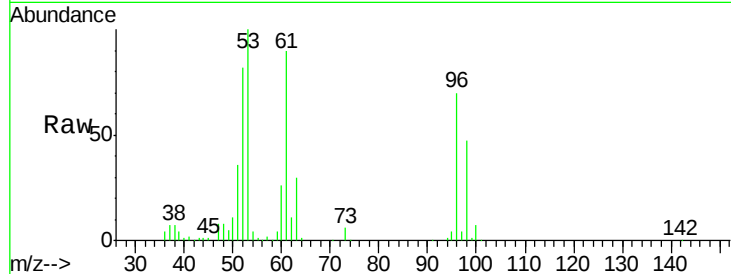
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	63695
Ion	Ratio	Lower	Upper
96	100		
61	128.3	104.9	157.3
98	66.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.30 ug/l

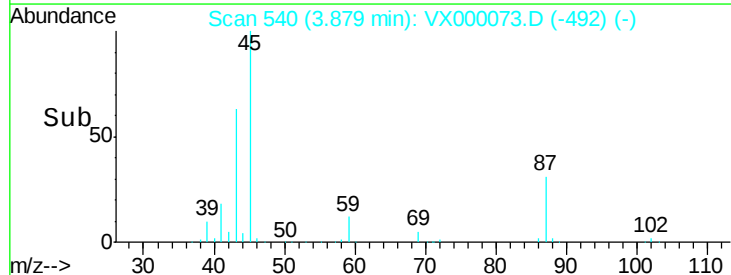
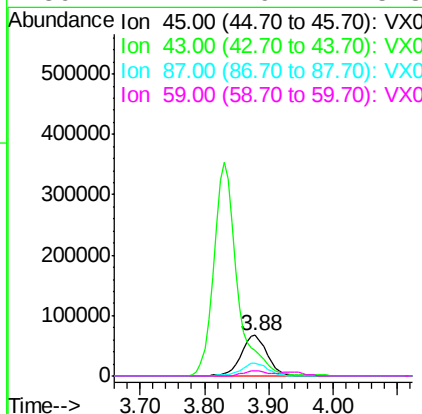
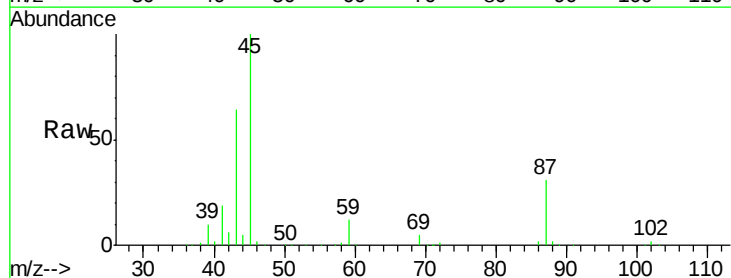
RT: 3.88 min Scan# 540

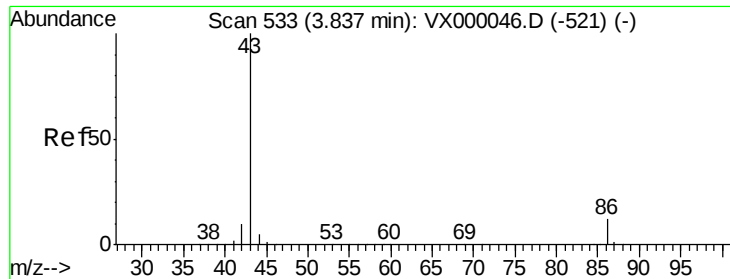
Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	45	Resp:	189431
Ion	Ratio	Lower	Upper
45	100		
43	62.8	49.6	74.4
87	31.2	25.9	38.9
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 276.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 906061

Ion Ratio Lower Upper

43 100

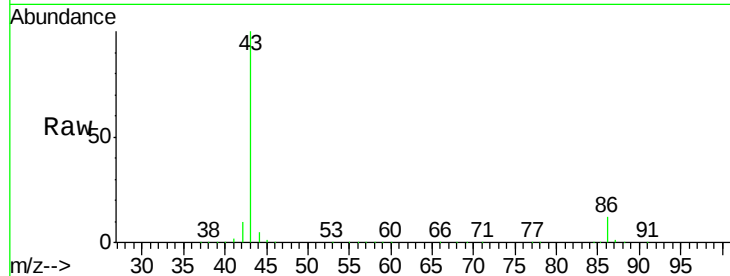
86 11.6 9.3 13.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

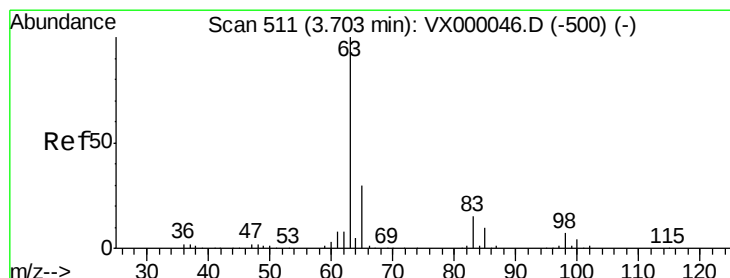
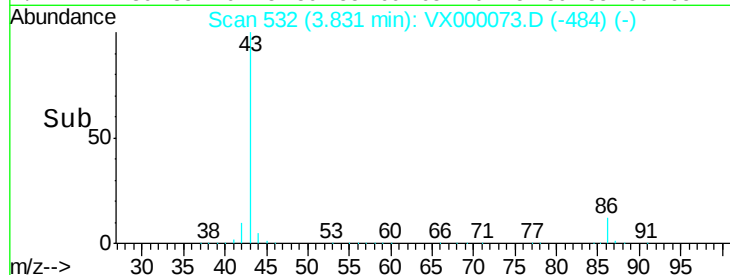
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.03 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

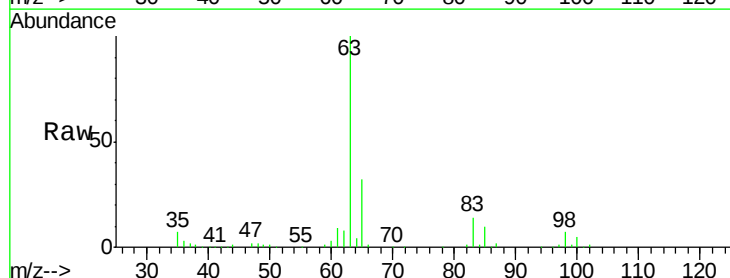
Tgt Ion: 63 Resp: 108147

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.8 2.1 6.2



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

3.70

60000

50000

40000

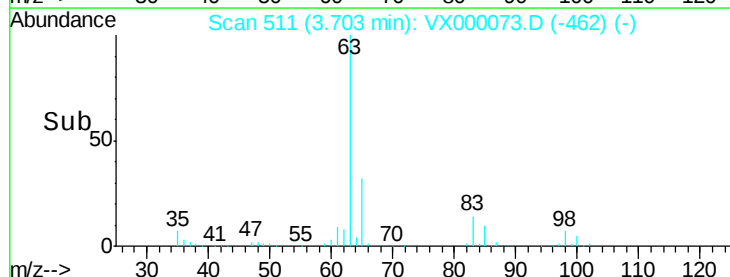
30000

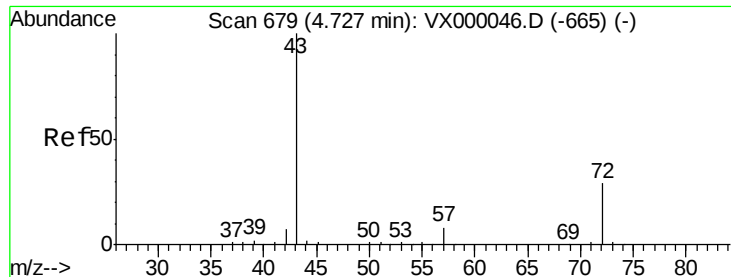
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 267.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 323973

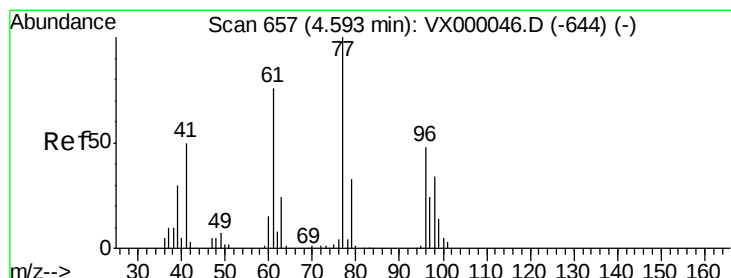
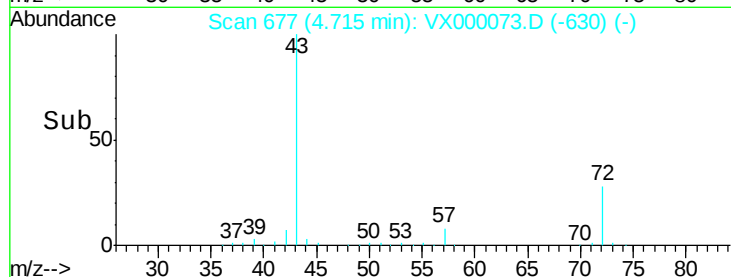
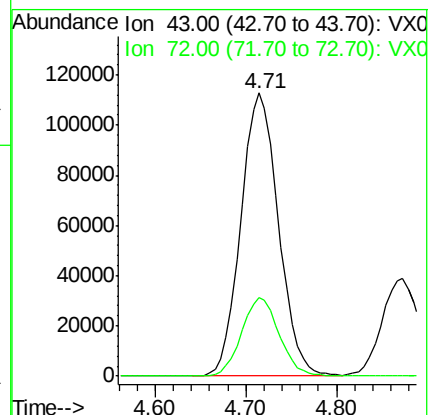
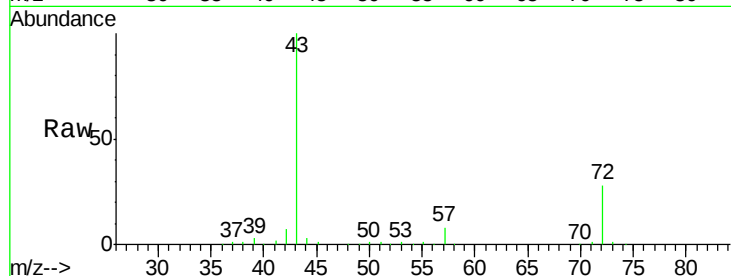
Ion Ratio Lower Upper

43 100

72 27.5 23.0 34.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 48.10 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000073.D

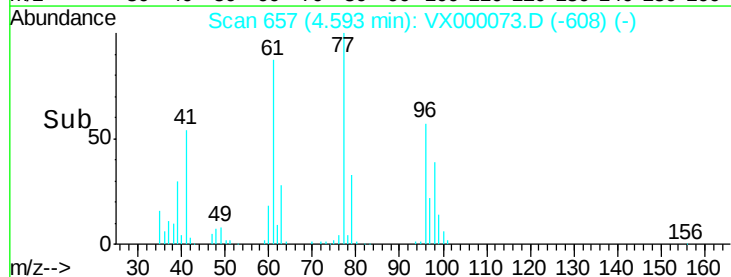
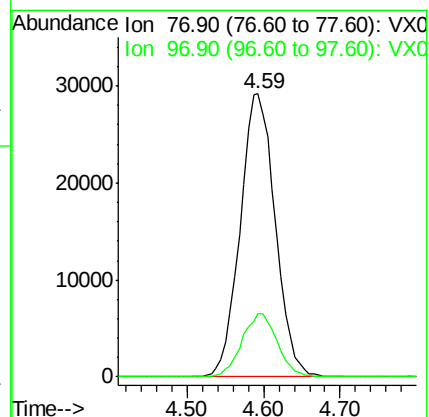
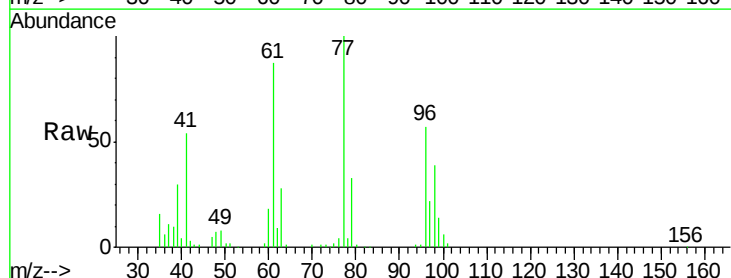
Acq: 13 Feb 2018 12:37

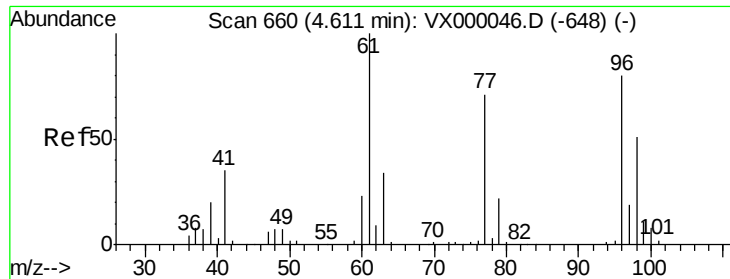
Tgt Ion: 77 Resp: 92805

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

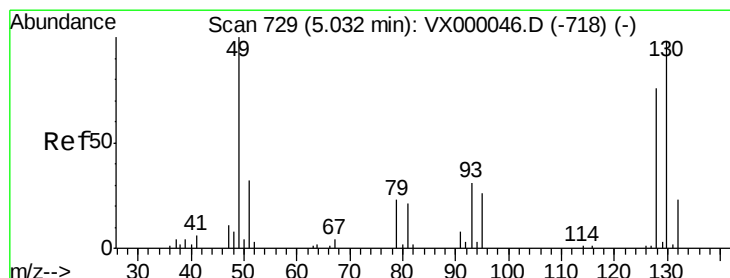
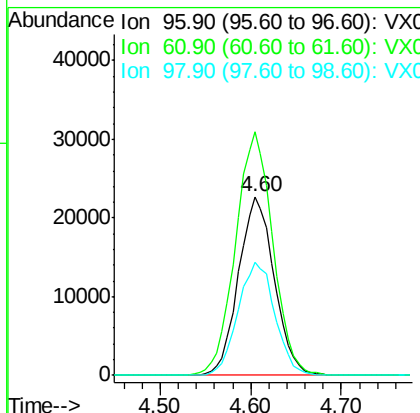
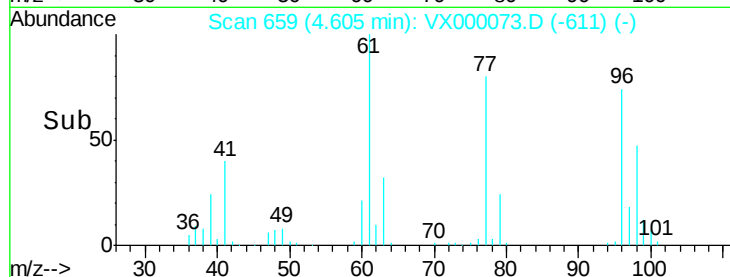
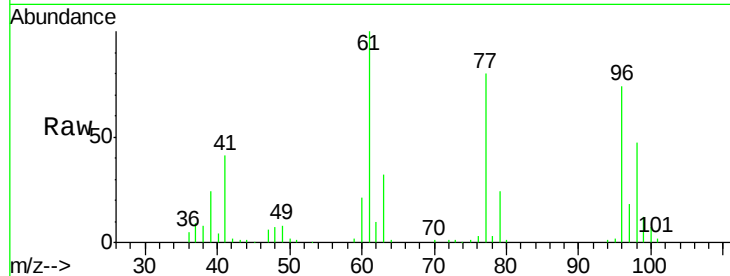
cis-1,2-Dichloroethene
Concen: 46.78 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62122		
61	142.1	0.0	274.4	
98	65.3	0.0	132.4	

Manual Integrations
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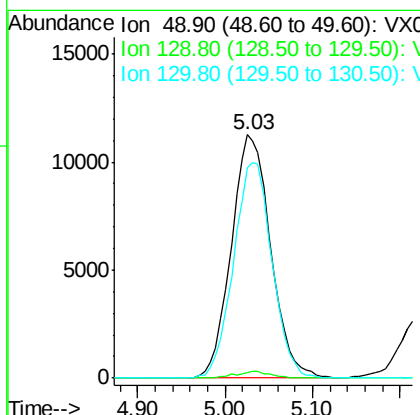
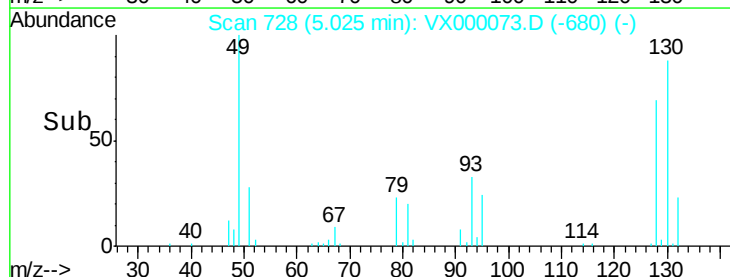
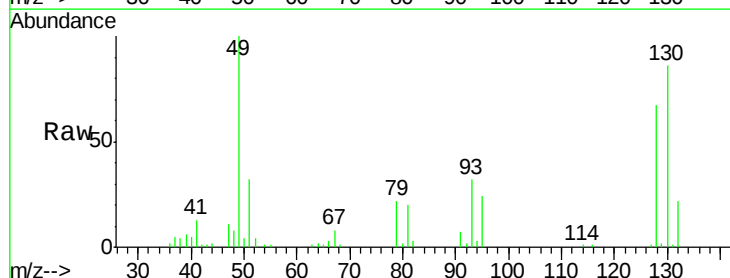
MMDadoda
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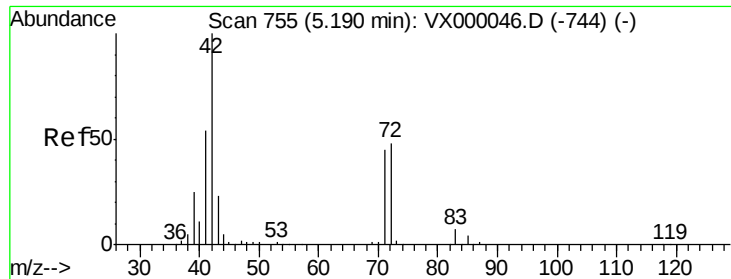


#28

Bromochloromethane
Concen: 47.11 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35169		
129	2.4	0.0	5.0	
130	86.7	75.6	113.4	





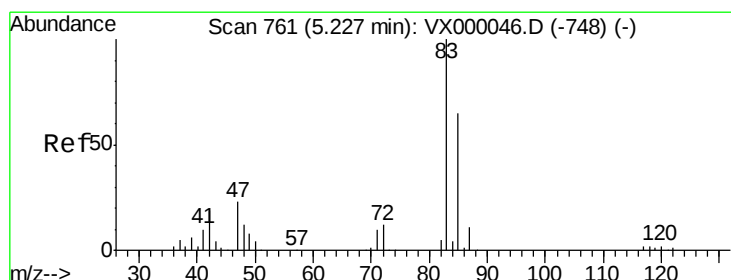
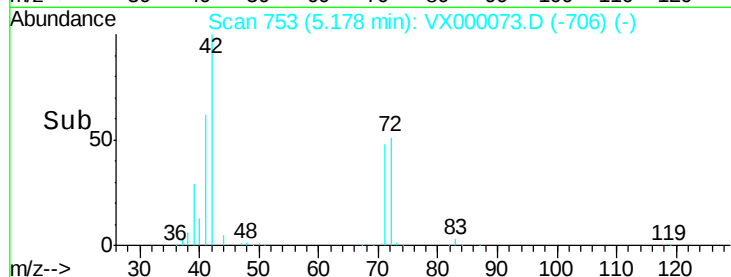
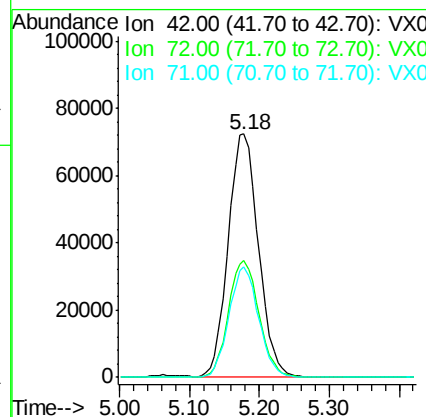
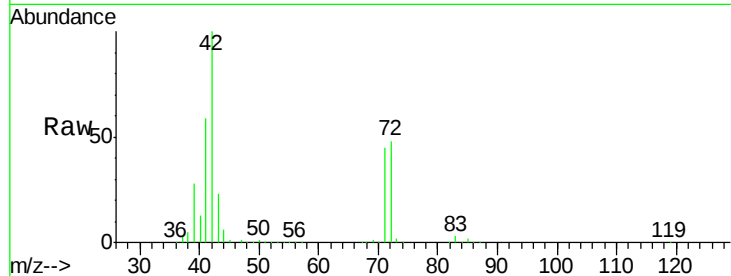
#29
Tetrahydrofuran
Concen: 261.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	39.0	58.6
71	44.5	36.7	55.1

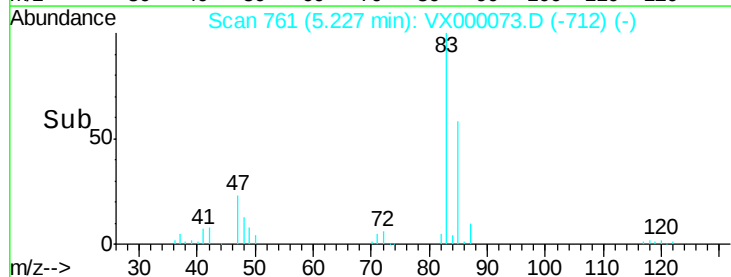
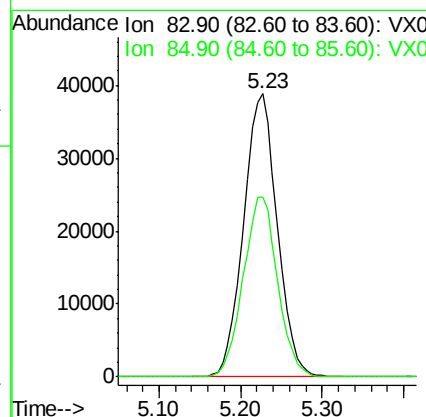
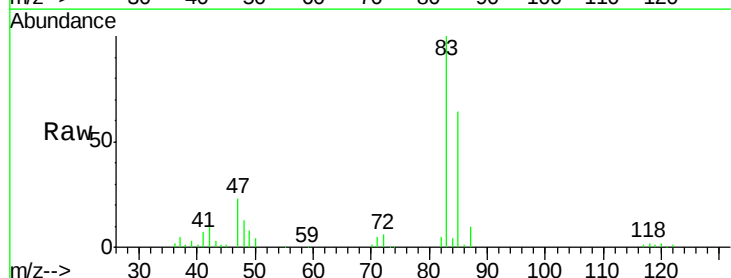
Manual Integrations
APPROVED

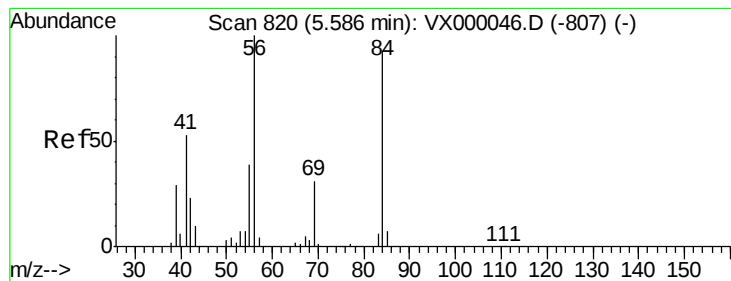
MMDDadoda
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#30
Chloroform
Concen: 49.01 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.9	77.9





#31

Cyclohexane

Concen: 48.52 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

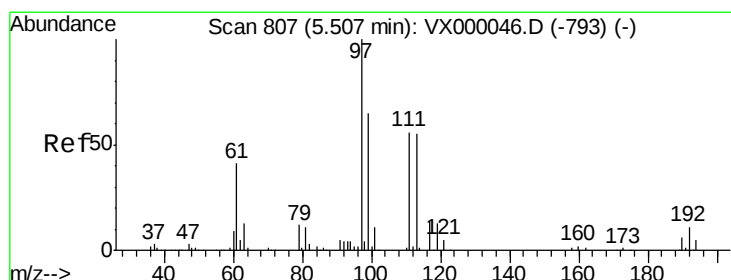
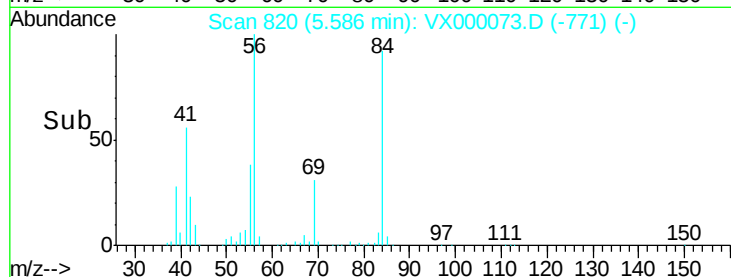
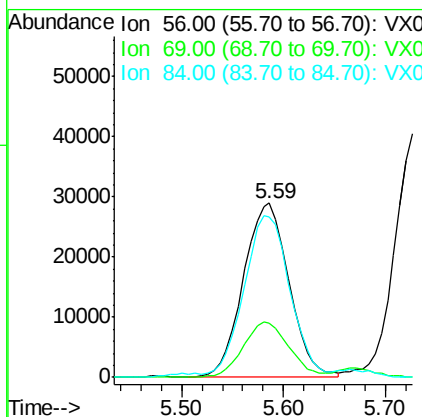
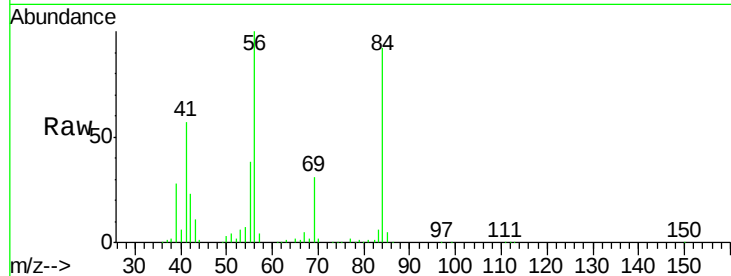
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	89741
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.5	36.7
84	90.7	74.8	112.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.07 ug/l

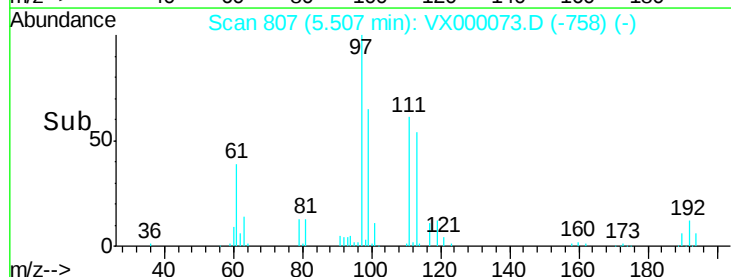
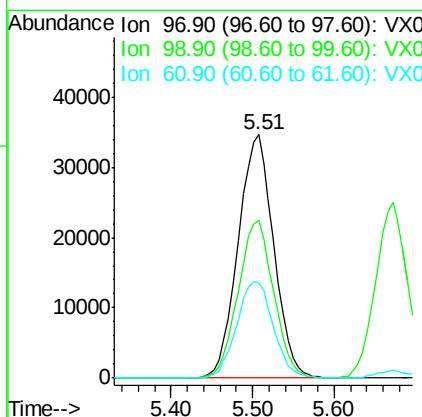
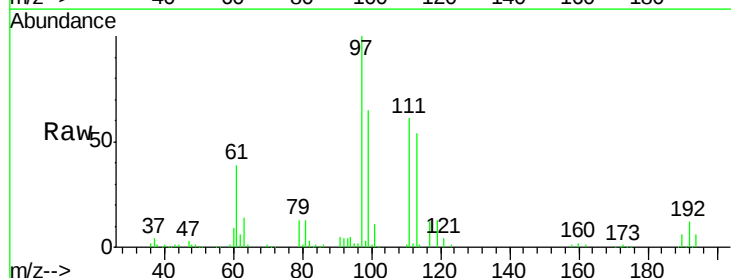
RT: 5.51 min Scan# 807

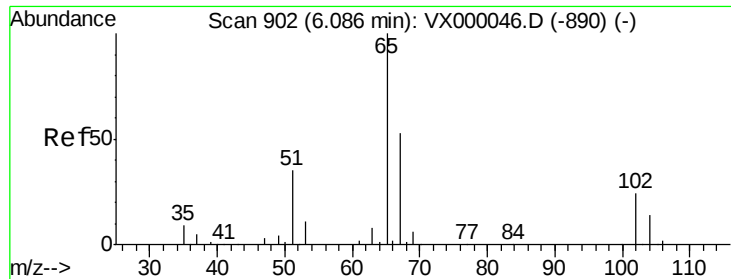
Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	97	Resp:	104825
Ion Ratio	Lower	Upper	
97	100		
99	64.8	50.8	76.2
61	40.9	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 48.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 65409

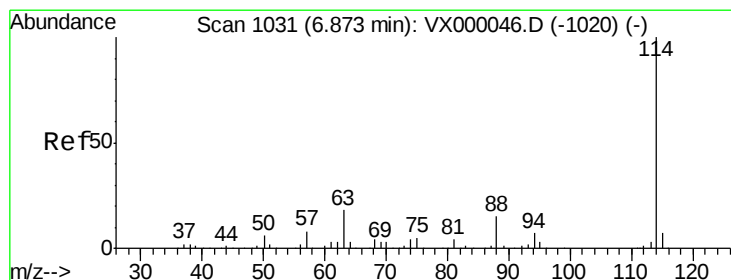
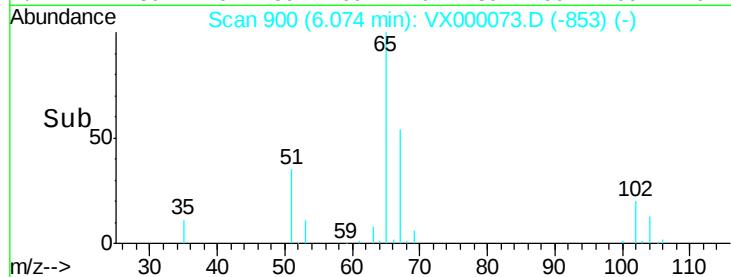
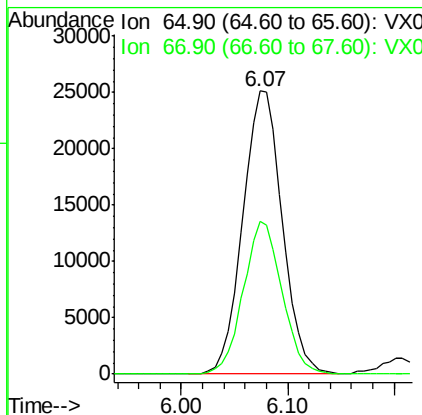
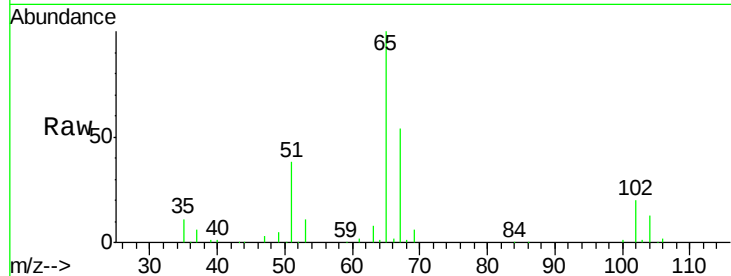
Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.0

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

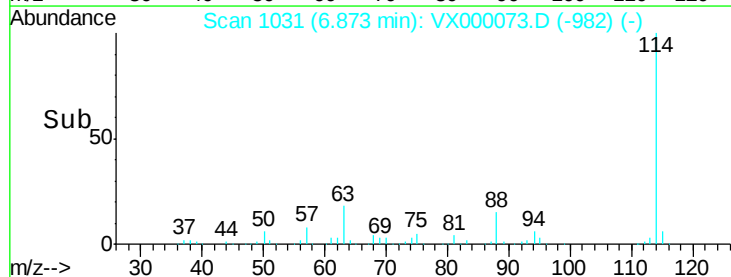
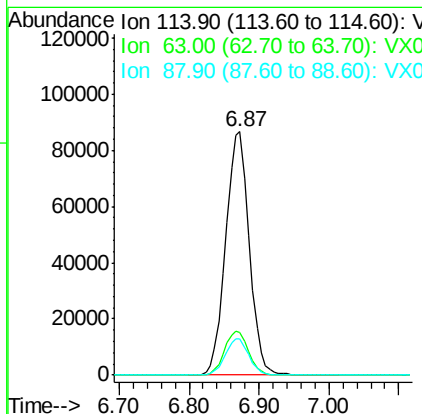
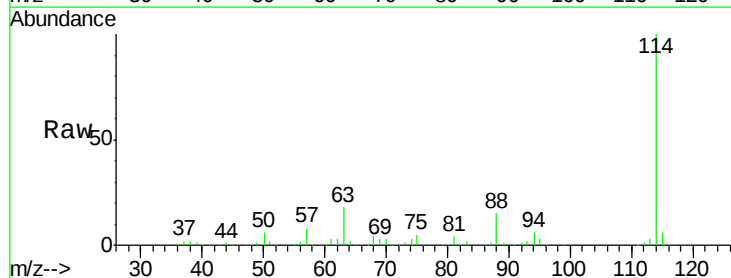
Tgt Ion: 114 Resp: 203268

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.0

88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

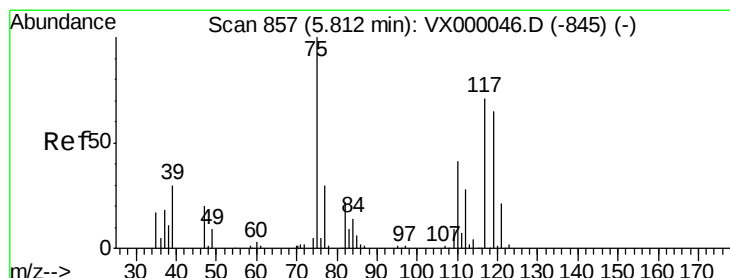
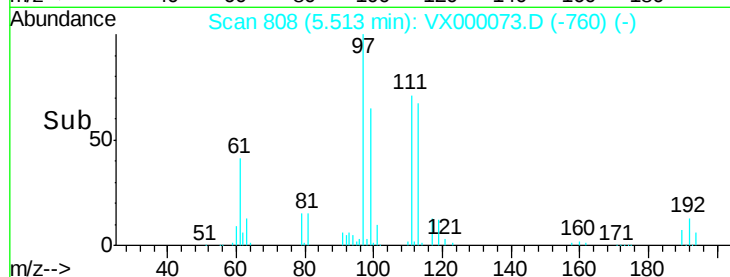
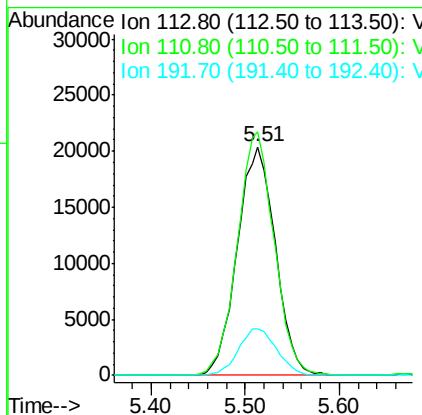
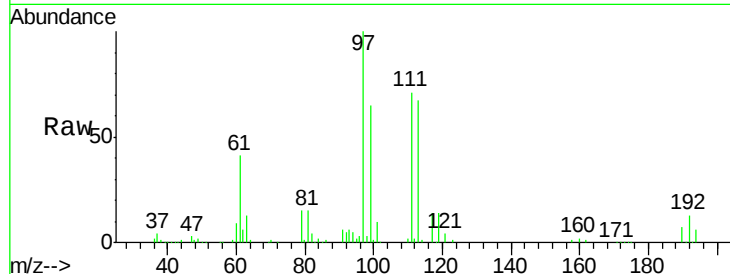
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	57436
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.5	120.7
192	20.5	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.07 ug/l

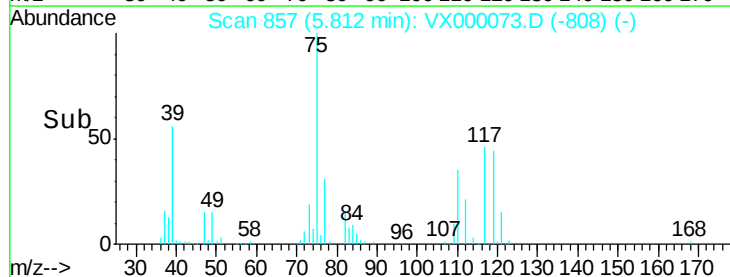
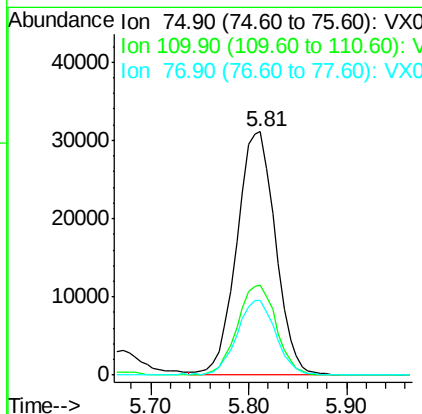
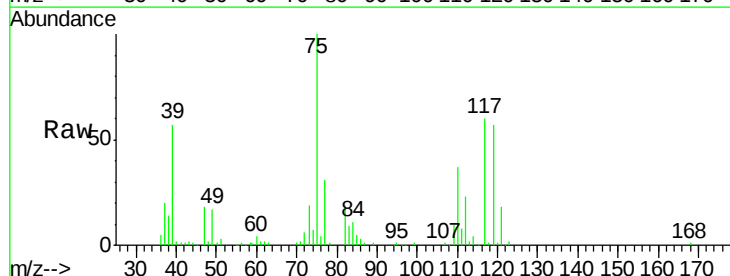
RT: 5.81 min Scan# 857

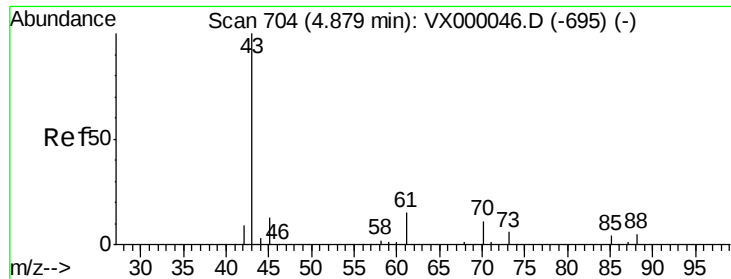
Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	75	Resp:	85071
Ion Ratio	Lower	Upper	
75	100		
110	37.2	19.4	58.4
77	30.9	24.2	36.4





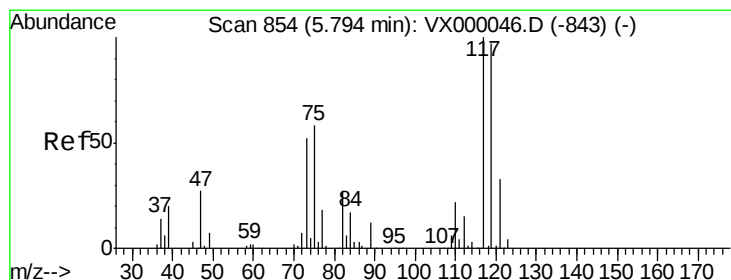
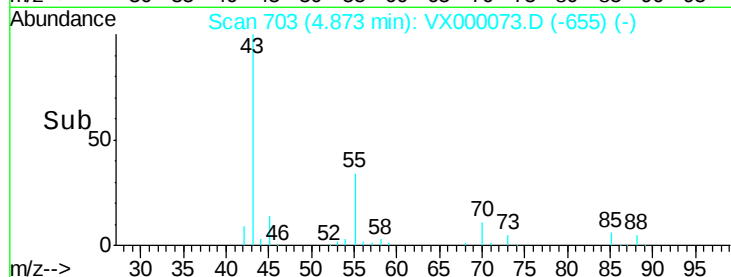
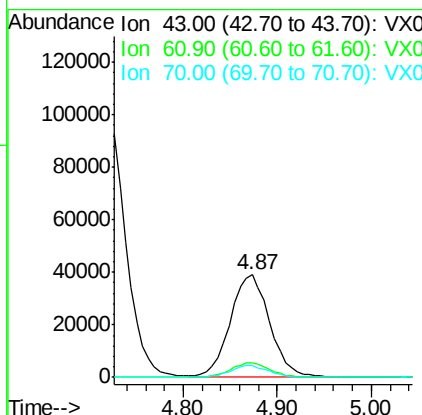
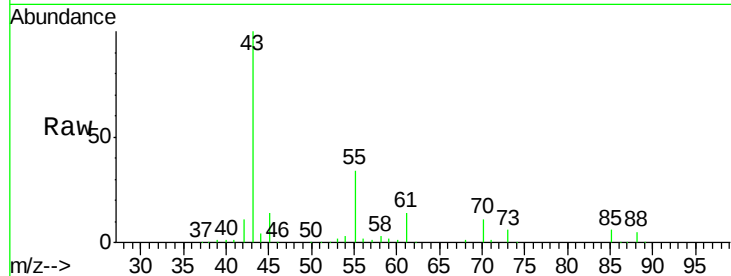
#37
Ethyl Acetate
Concen: 49.56 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
Client Sampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.2
70	11.0	9.0	13.6

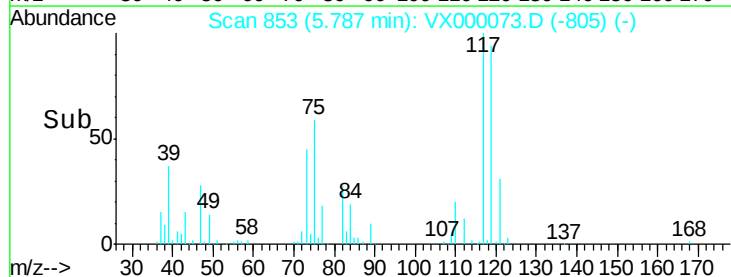
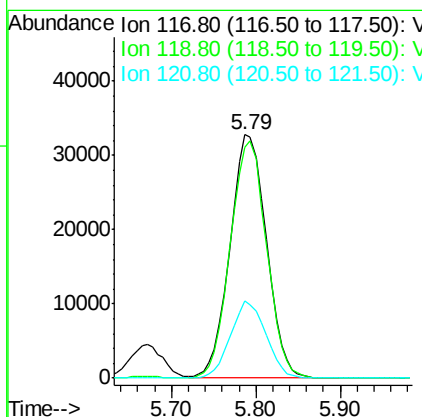
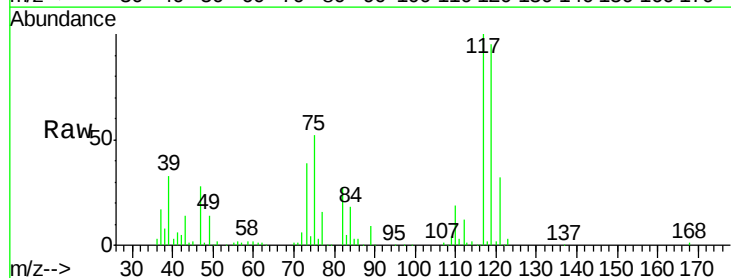
Manual Integrations
APPROVED

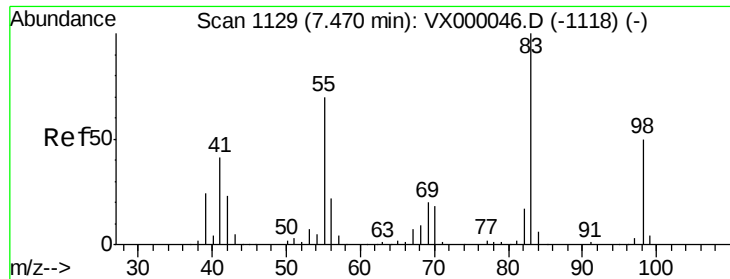
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#38
Carbon Tetrachloride
Concen: 48.55 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.9	115.3
121	31.7	25.8	38.8





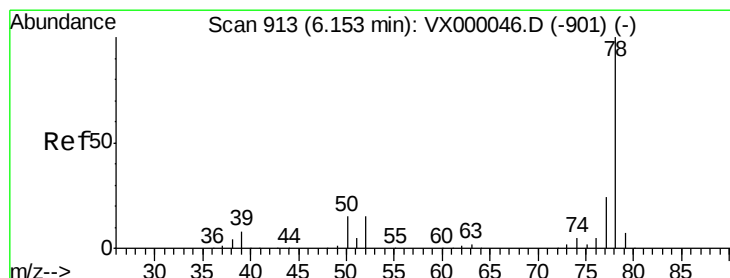
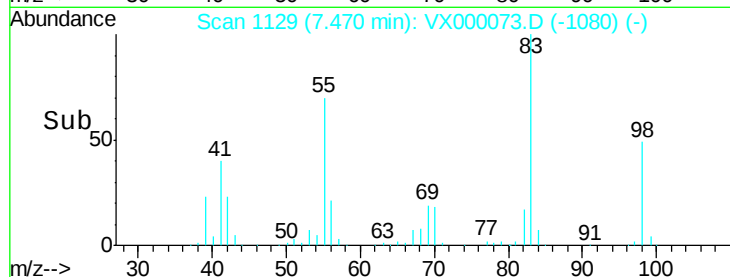
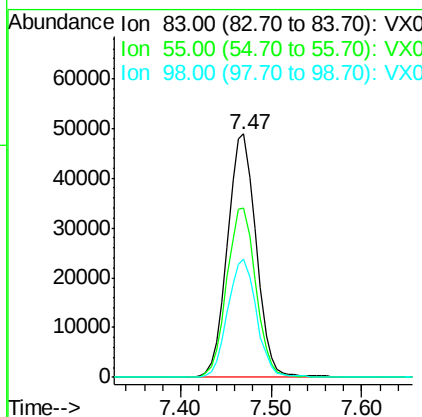
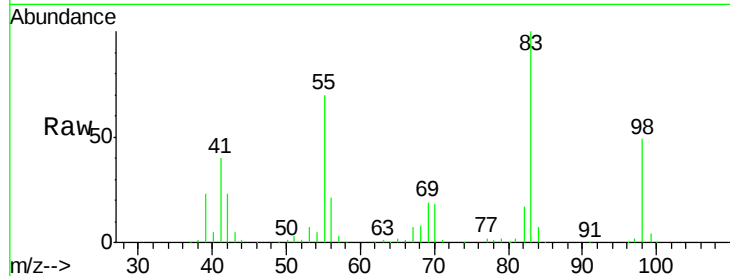
#39
Methvlcvclohexane
Concen: 50.15 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	55.7	83.5
98	48.6	39.7	59.5

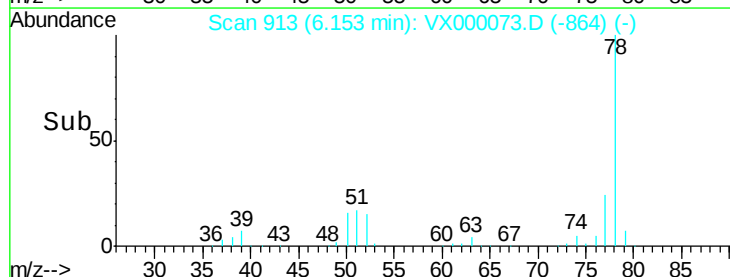
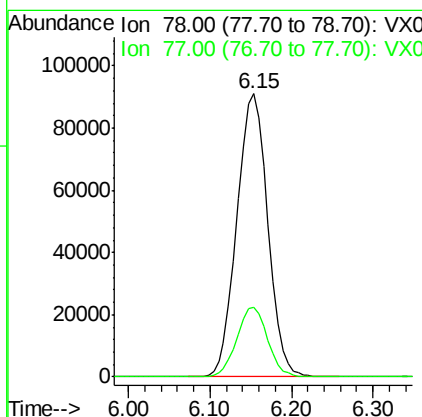
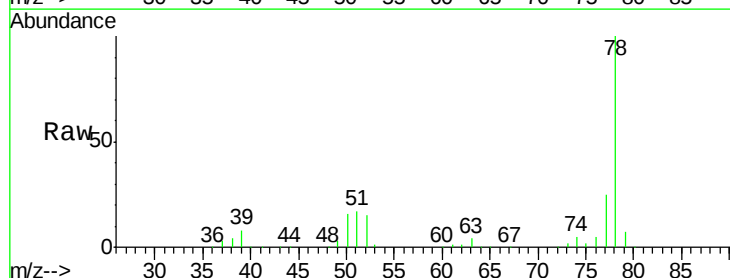
Manual Integrations
APPROVED

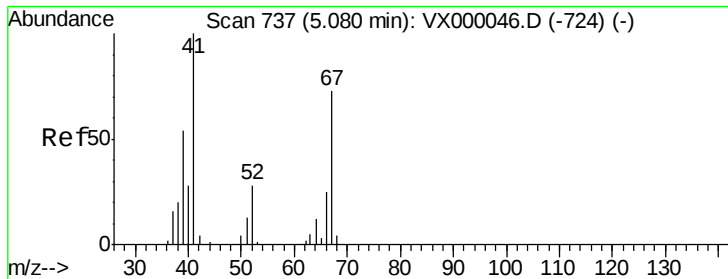
MMDadoda
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#40
Benzene
Concen: 47.90 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.2





#41

Methacrylonitrile

Concen: 50.01 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

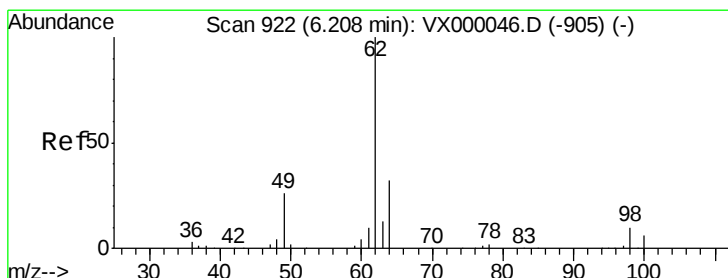
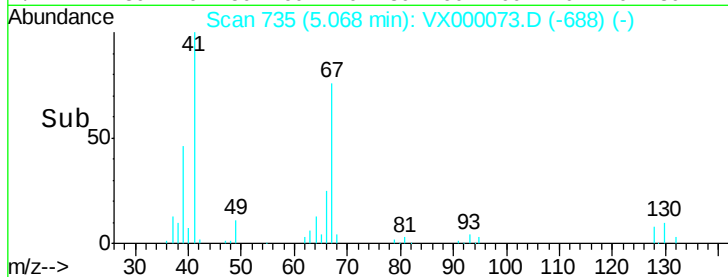
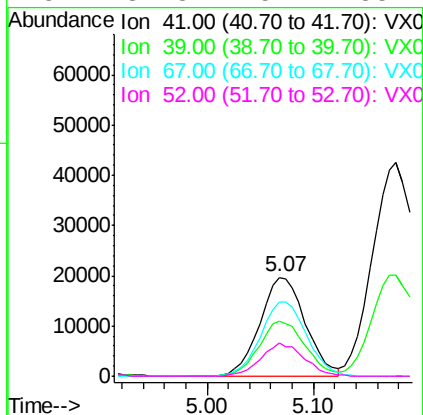
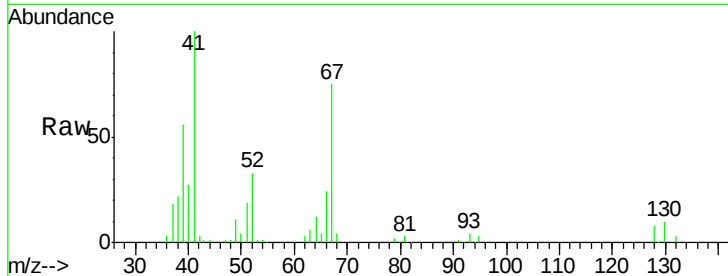
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	58709
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	76.4	60.6	91.0
52	32.3	25.4	38.2

Manual Integrations
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2/16/2018 2:27:58 PM



#42

1,2-Dichloroethane

Concen: 50.08 ug/l

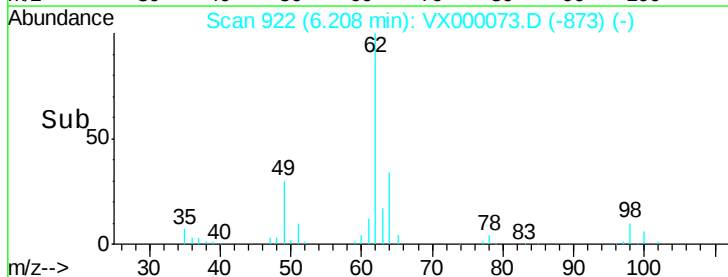
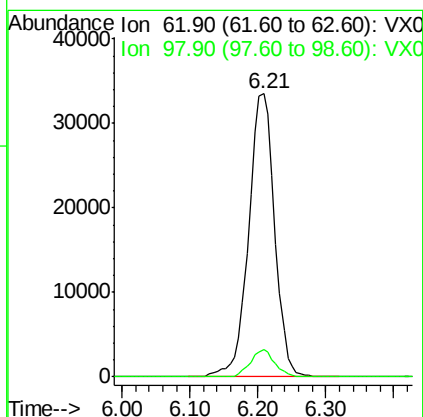
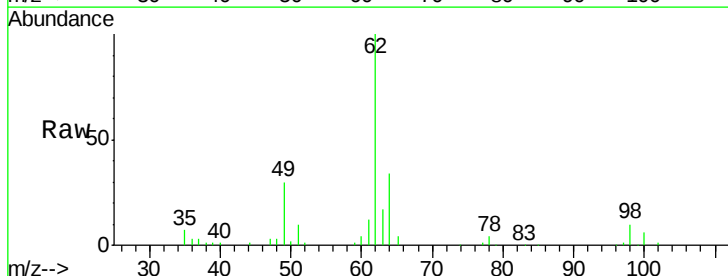
RT: 6.21 min Scan# 922

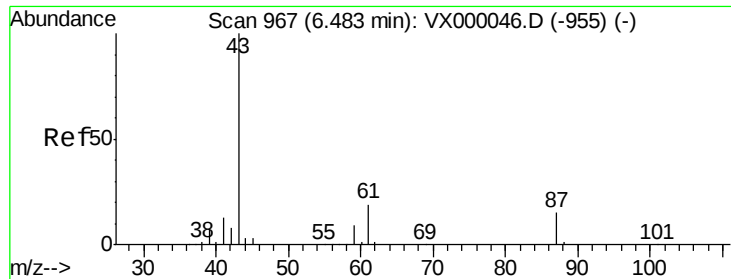
Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	62	Resp:	89480
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 49.74 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

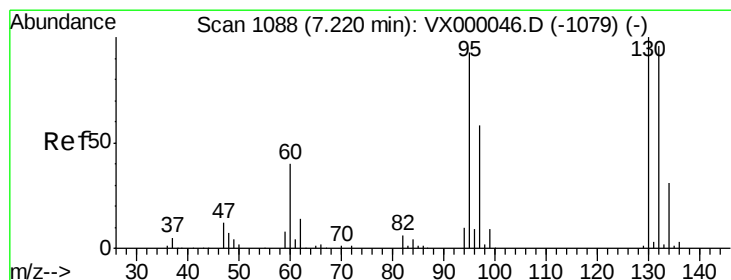
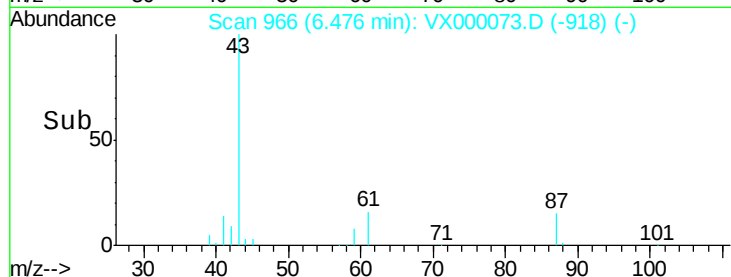
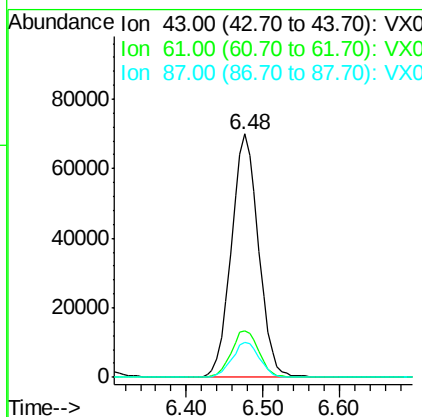
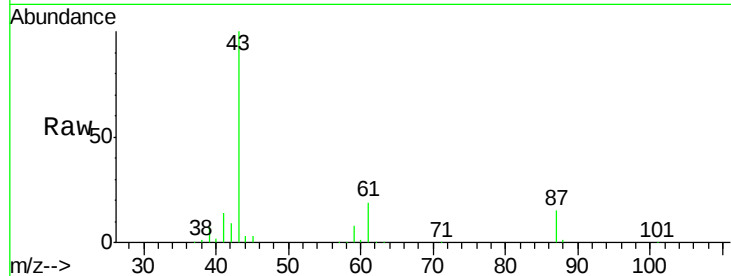
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	171407
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.9	23.9
87	14.5	11.8	17.6

Manual Integrations
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#44

Trichloroethene

Concen: 48.42 ug/l

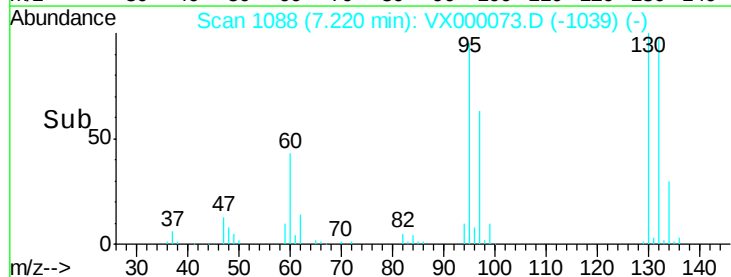
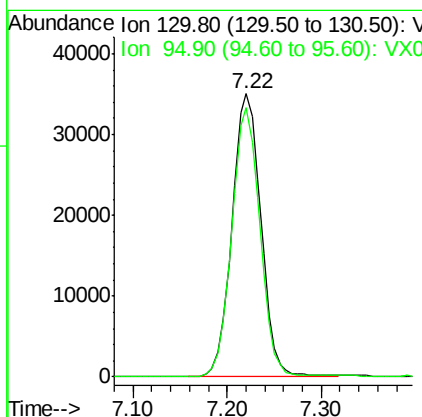
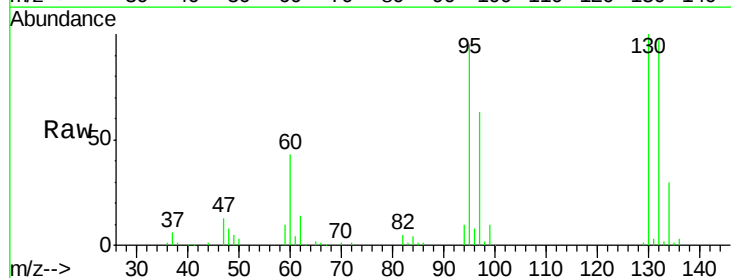
RT: 7.22 min Scan# 1088

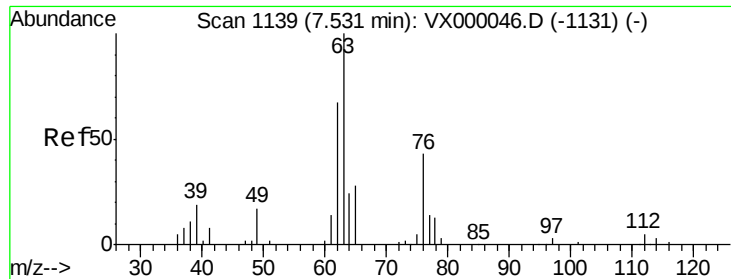
Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	130	Resp:	74945
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	185.2





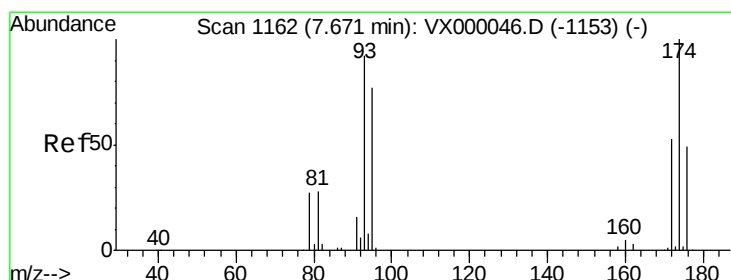
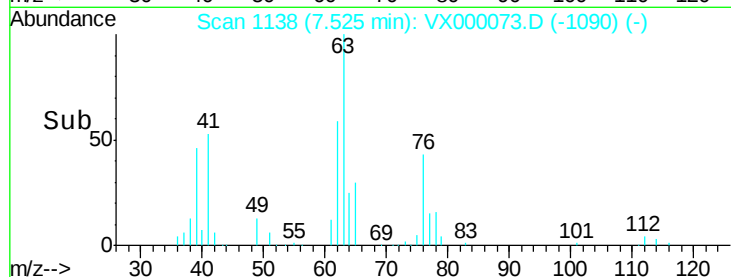
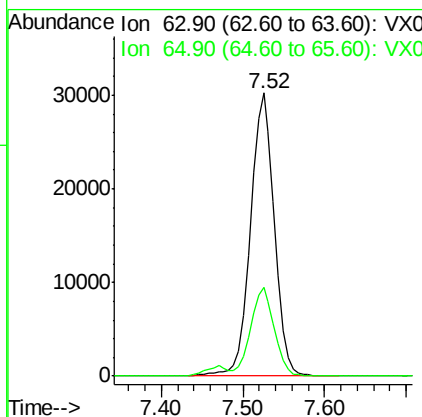
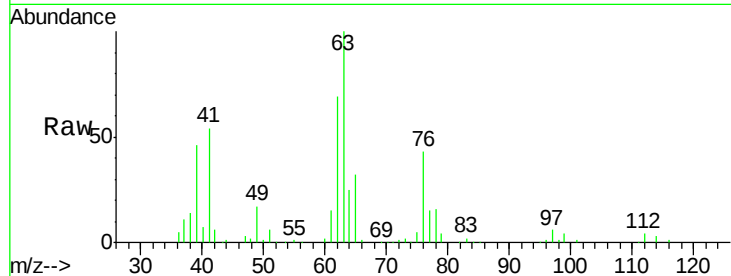
#45
 1,2-Dichloropropane
 Concen: 50.82 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 61805
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.7 35.5

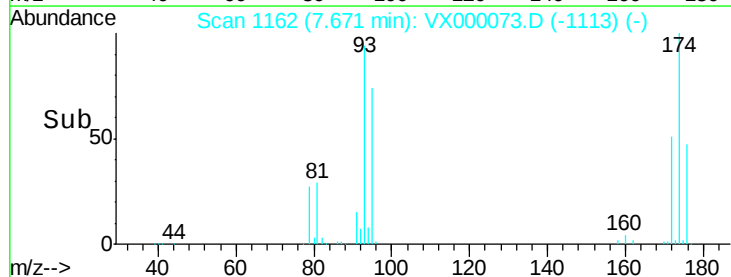
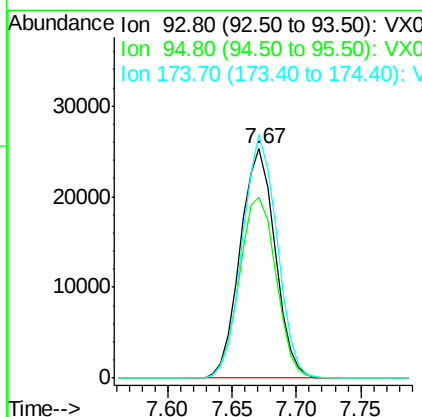
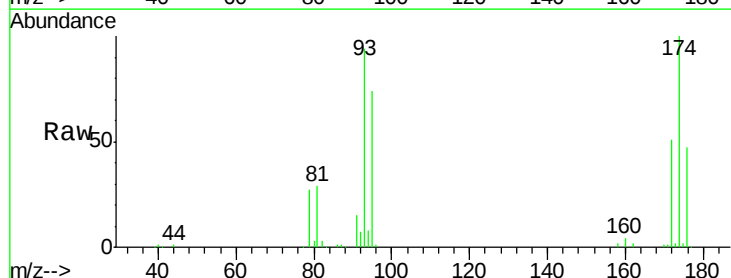
Manual Integrations
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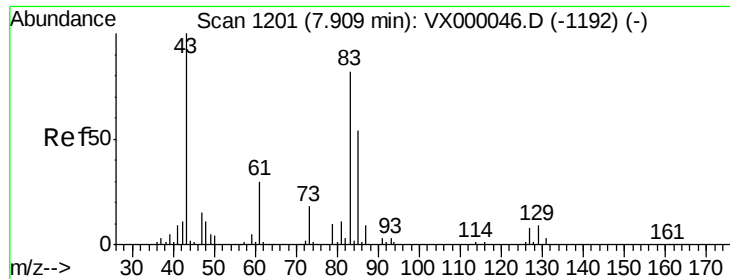
MMDadoda
 2/16/2018 2:27:58 PM



#46
 Dibromomethane
 Concen: 50.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 93 Resp: 47448
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.3 99.5
 174 104.6 90.4 135.6





#47

Bromodichloromethane

Concen: 49.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

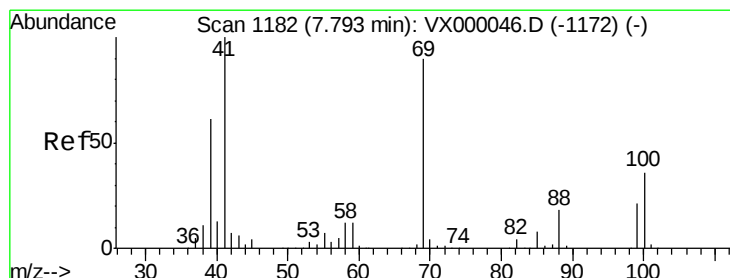
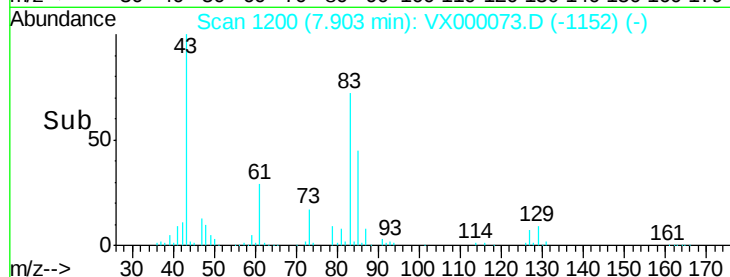
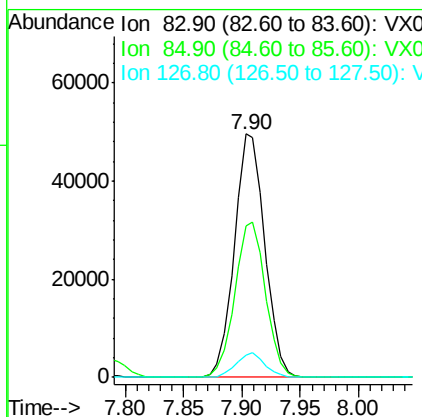
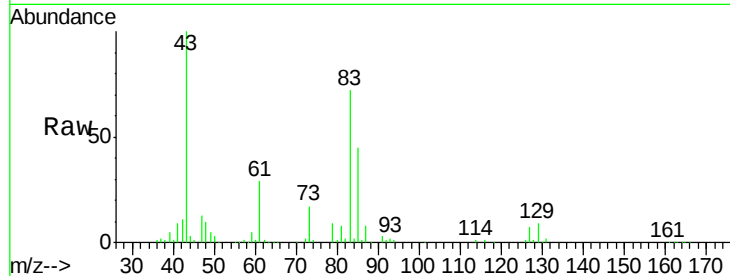
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	90543
Ion Ratio	Lower	Upper	
83	100		
85	62.3	52.3	78.5
127	9.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.38 ug/l

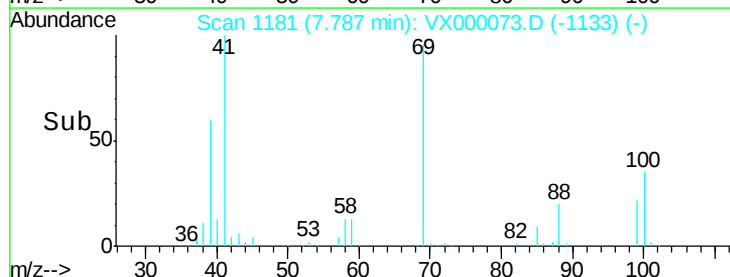
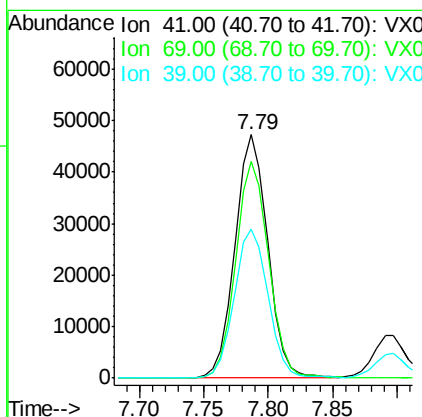
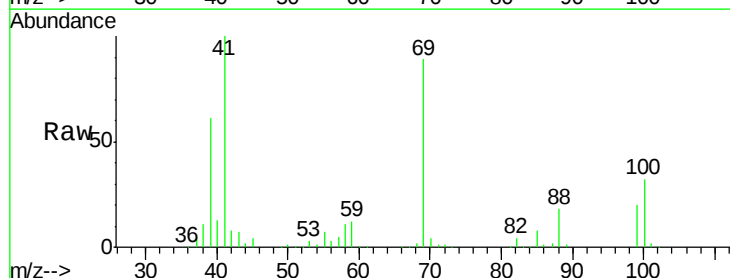
RT: 7.79 min Scan# 1181

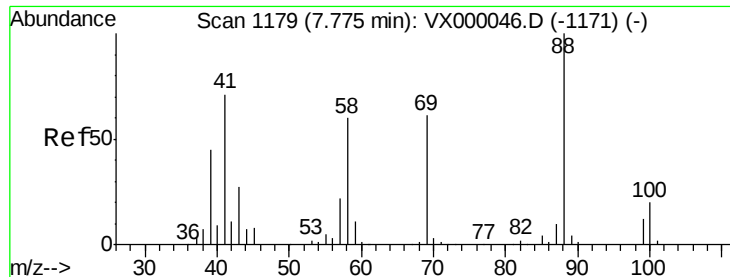
Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	41	Resp:	83521
Ion Ratio	Lower	Upper	
41	100		
69	89.5	72.1	108.1
39	63.3	49.6	74.4





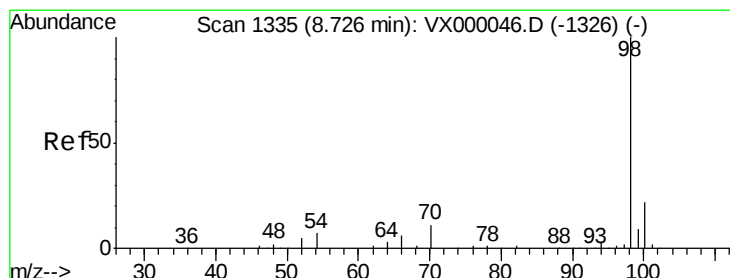
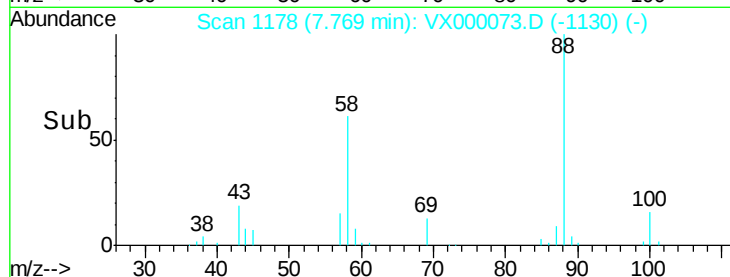
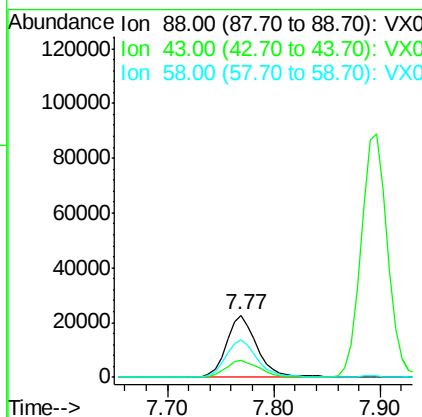
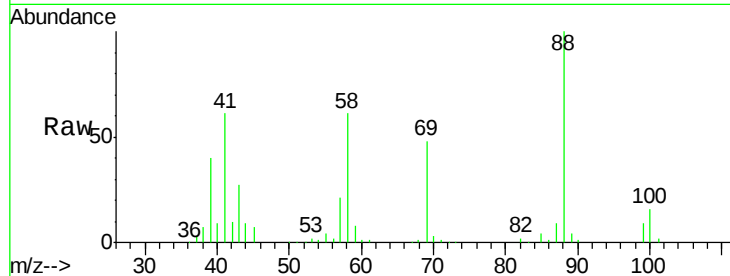
#49
1,4-Dioxane
Concen: 1001.55 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.6	33.8
58	63.0	49.4	74.2

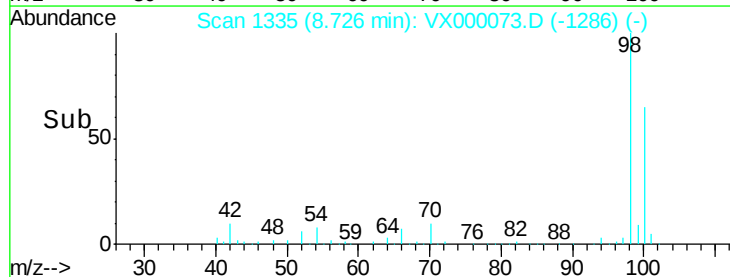
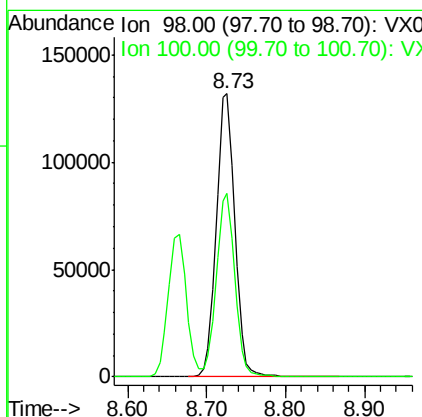
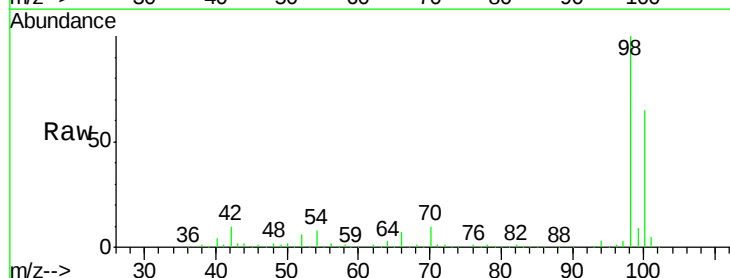
Manual Integrations
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#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 264.71 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 635575

Ion Ratio Lower Upper

43 100

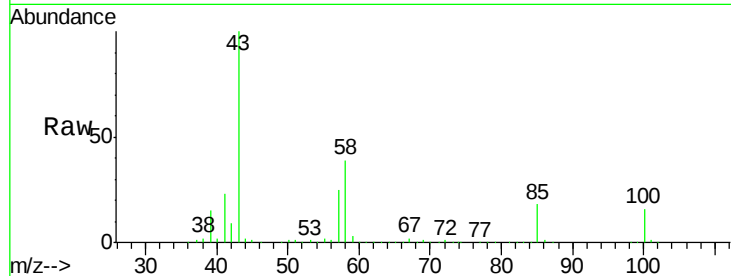
58 39.6 32.1 48.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

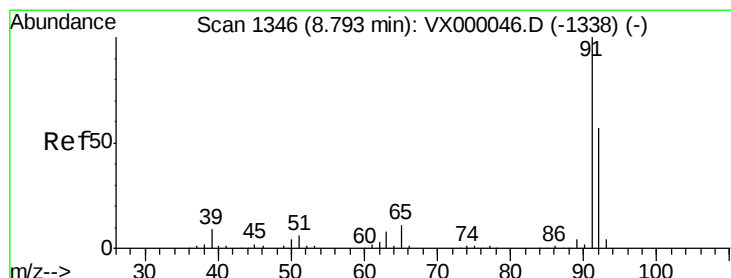
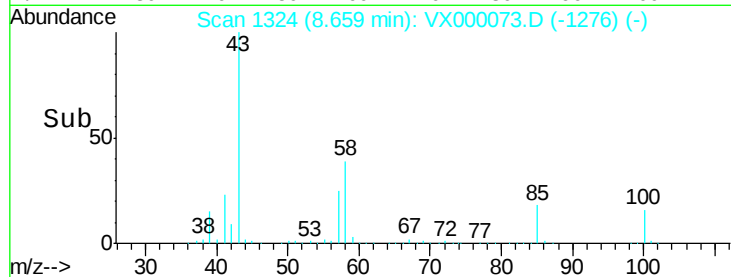
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000073.D

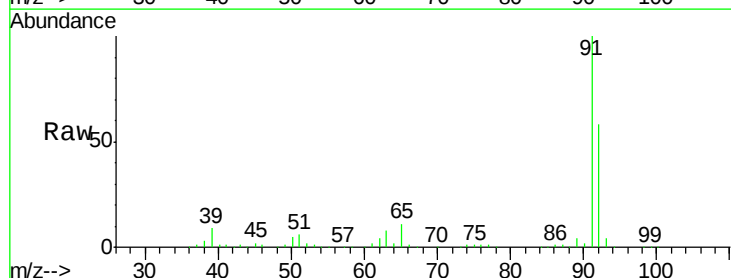
Acq: 13 Feb 2018 12:37

Tgt Ion: 92 Resp: 170162

Ion Ratio Lower Upper

92 100

91 173.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

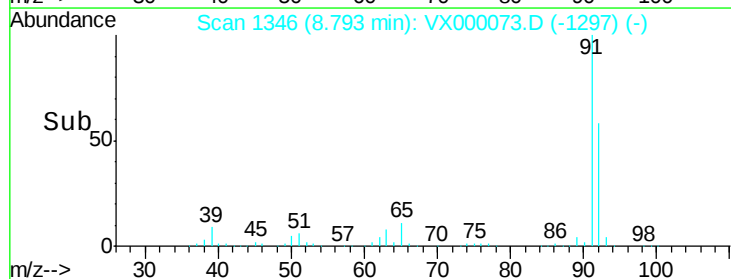
150000

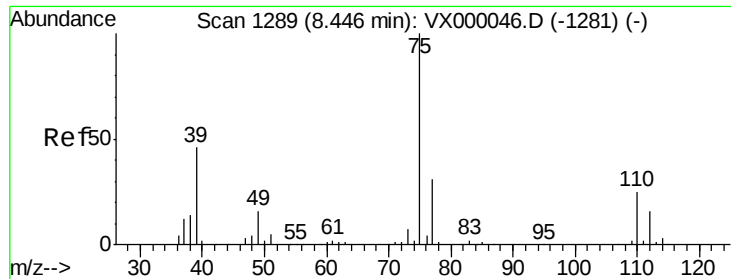
100000

50000

0

Time-->





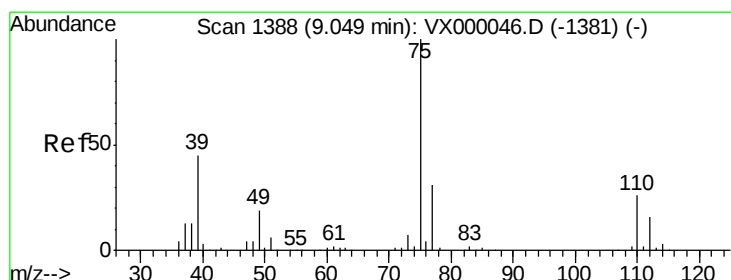
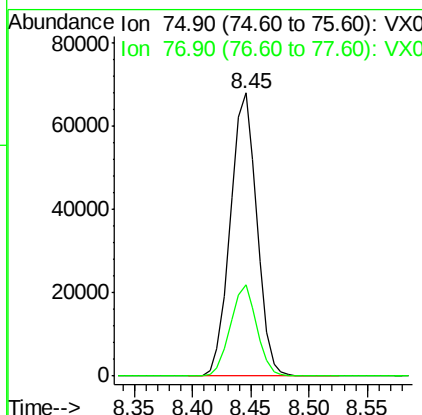
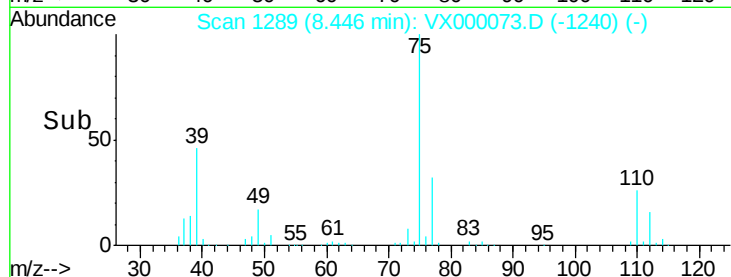
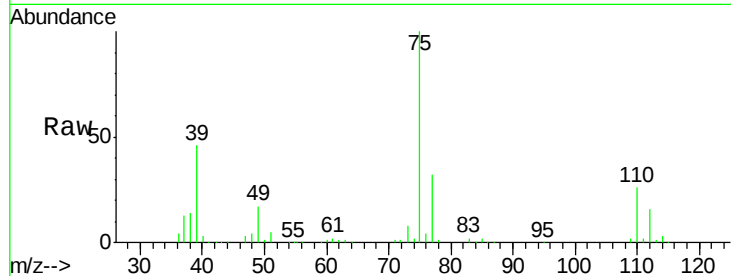
#53
t-1,3-Dichloropropene
Concen: 50.53 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 107898
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4

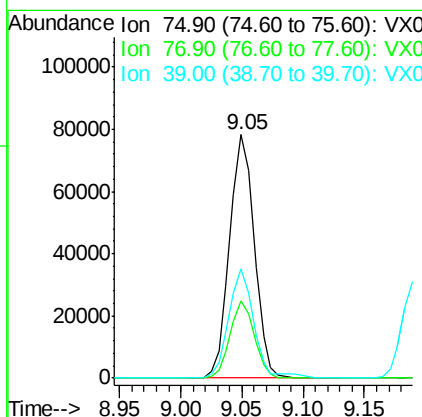
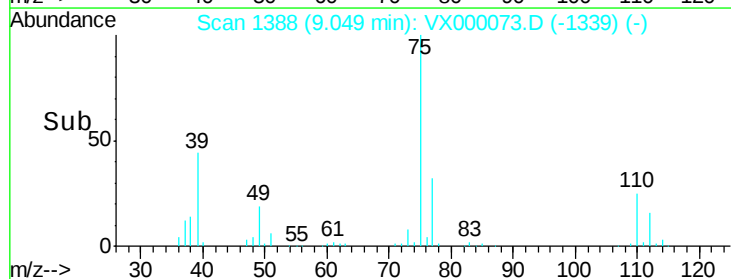
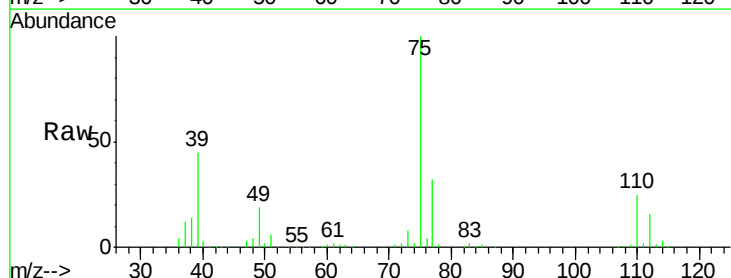
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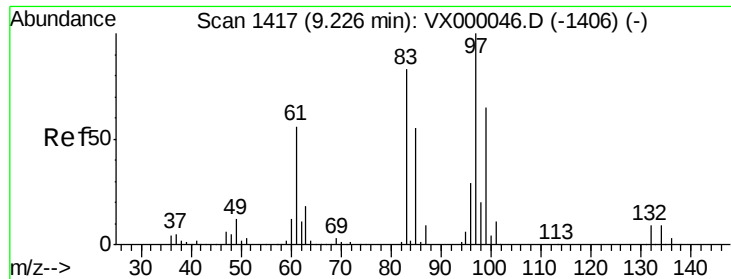
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.54 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 75 Resp: 109031
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 44.8 36.1 54.1





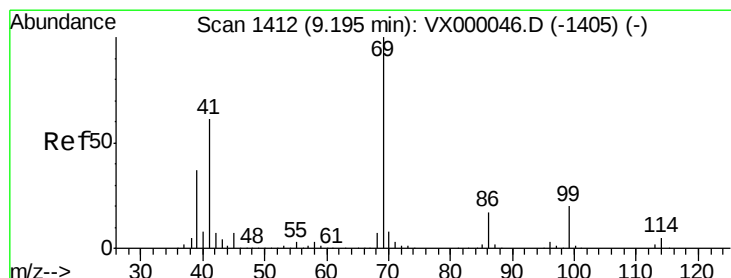
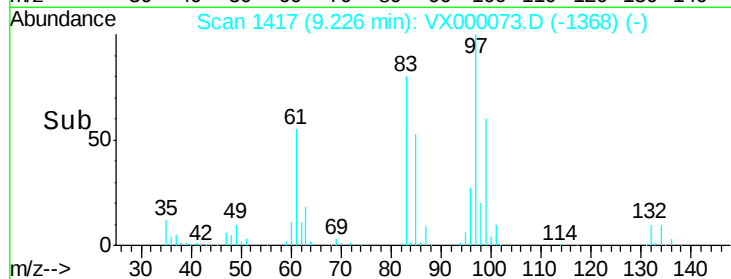
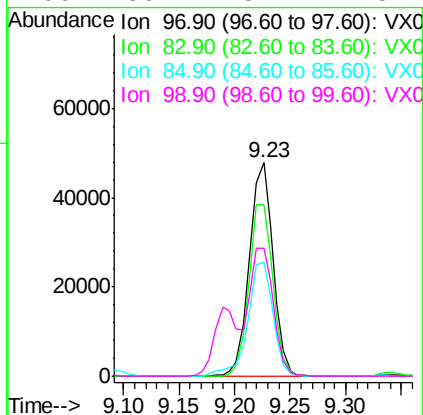
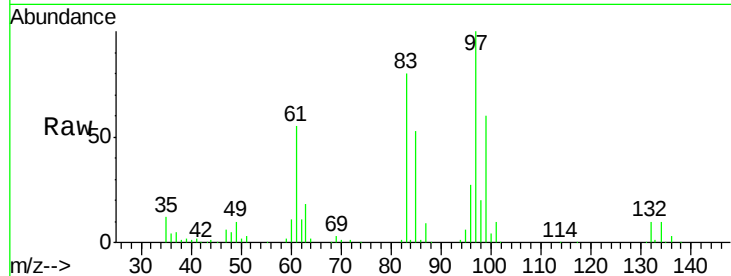
#55
 1,1,2-Trichloroethane
 Concen: 50.36 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	70953
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.5	99.7
85	53.2	43.8	65.6
99	60.1	52.2	78.4

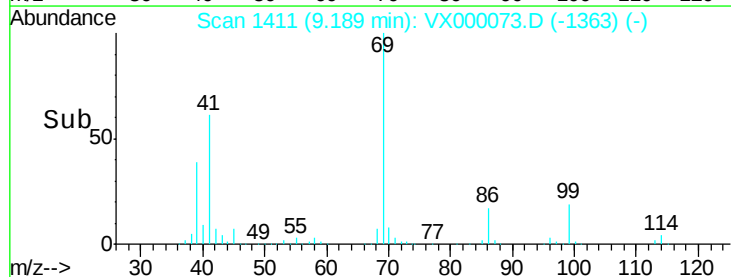
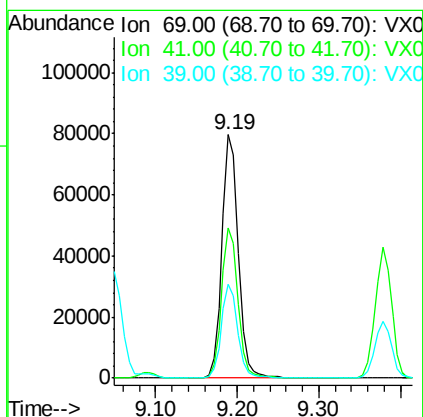
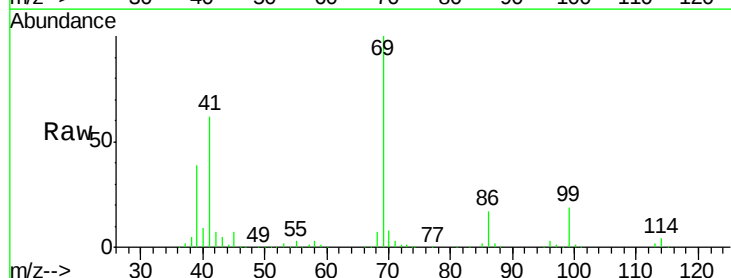
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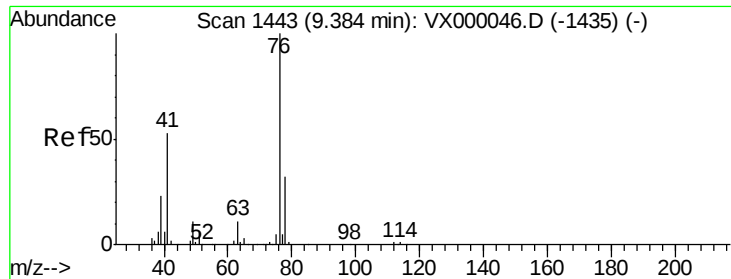
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#56
 Ethyl methacrylate
 Concen: 51.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:	69	Resp:	111614
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.5	74.3
39	38.2	29.9	44.9





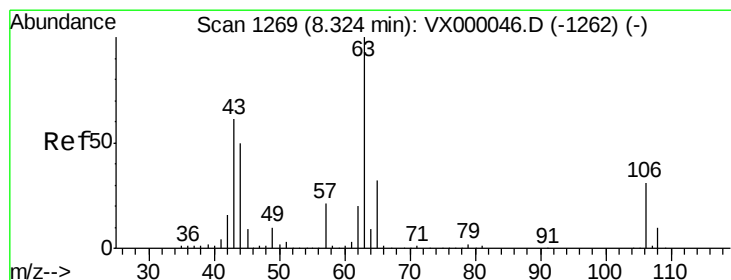
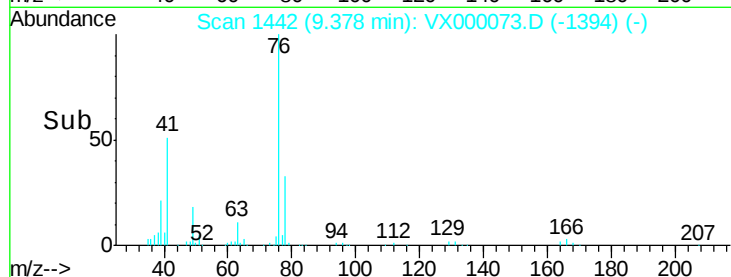
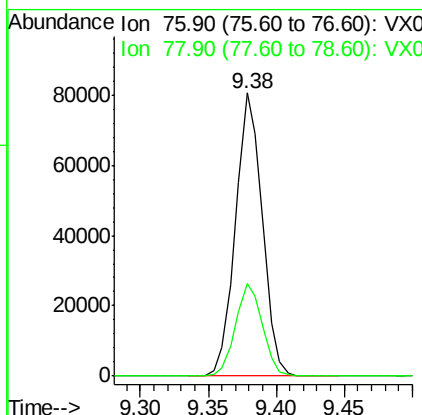
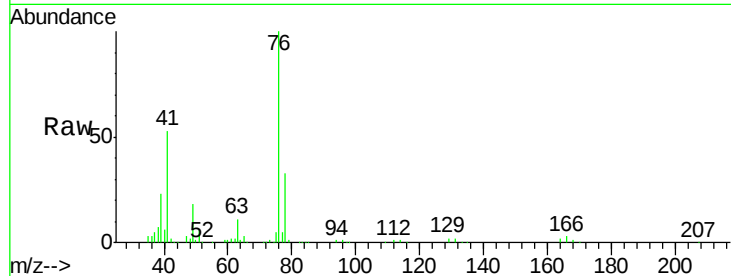
#57
 1,3-Dichloropropane
 Concen: 50.26 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 110181
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9

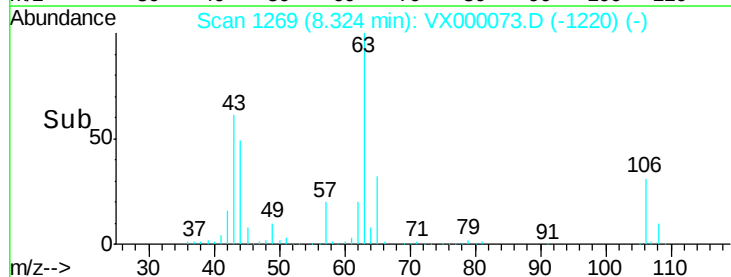
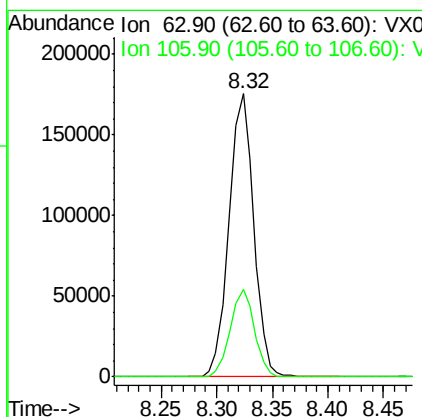
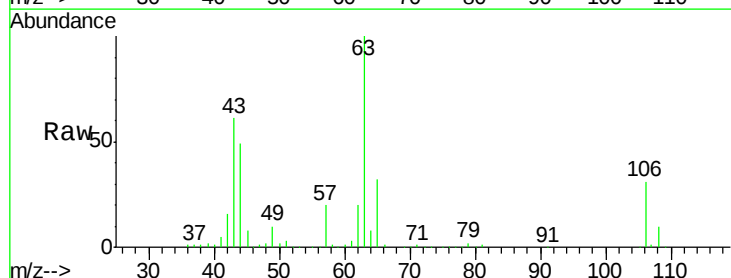
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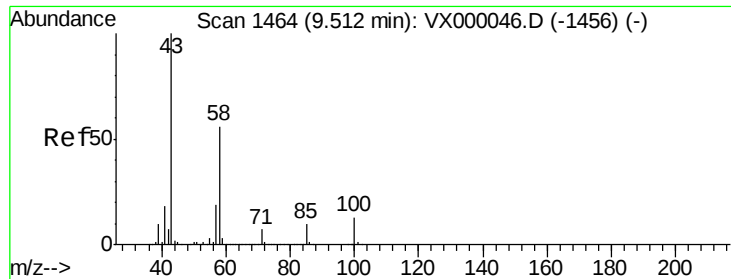
MMDadoda
 2/16/2018 2:27:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.30 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 63 Resp: 269367
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1





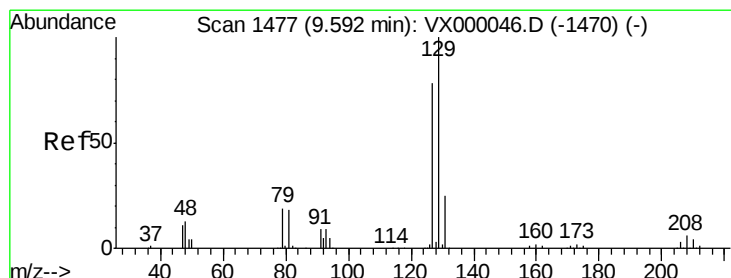
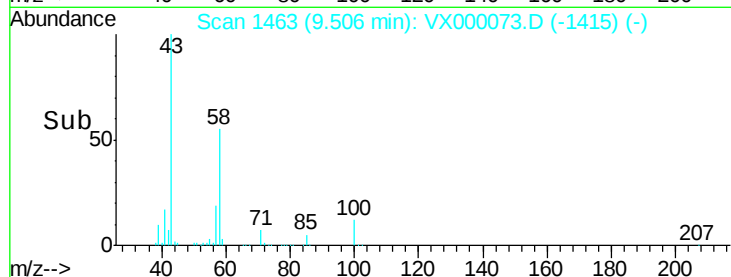
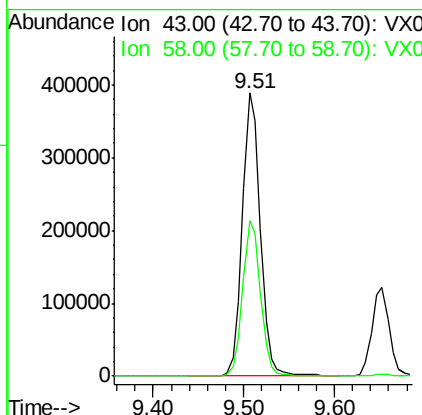
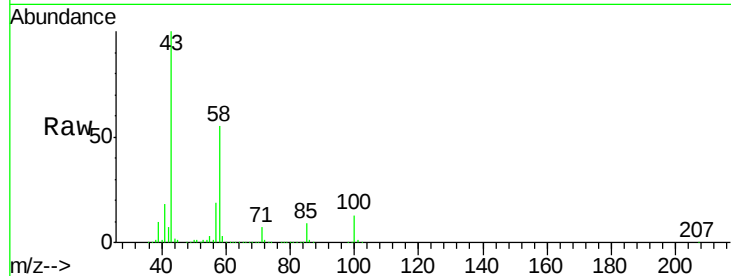
#59
2-Hexanone
Concen: 274.42 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 535887
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.7

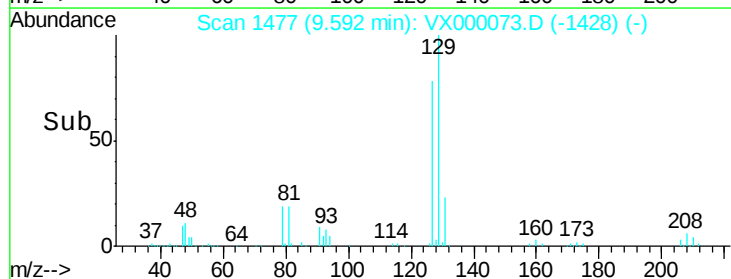
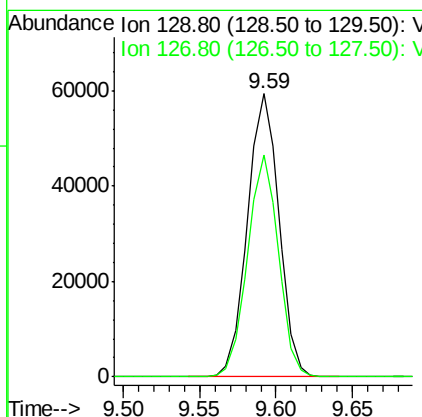
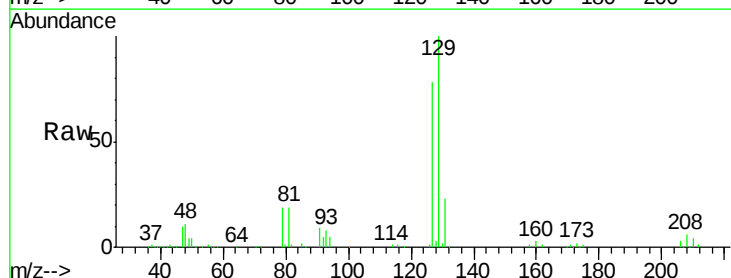
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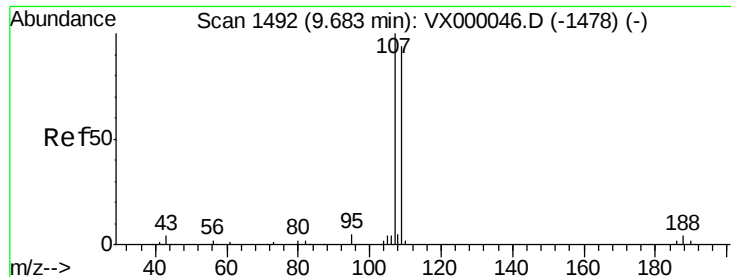
MMDadoda
2/16/2018 2:27:58 PM



#60
Dibromochloromethane
Concen: 52.61 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:129 Resp: 85258
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





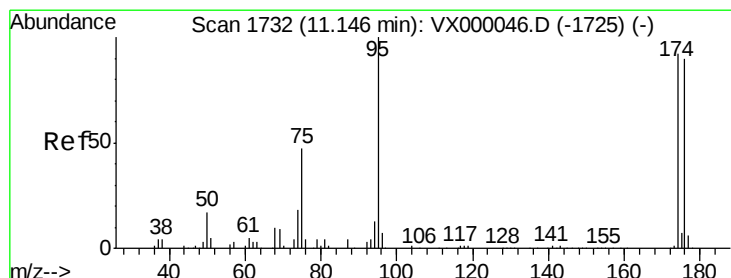
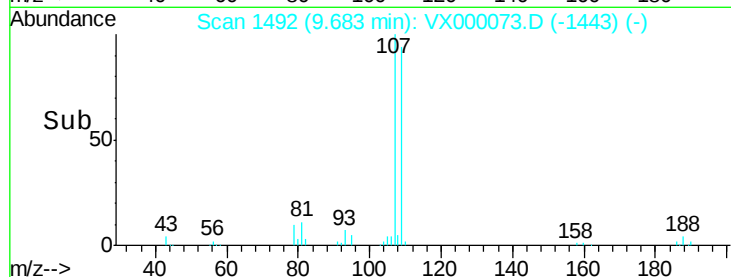
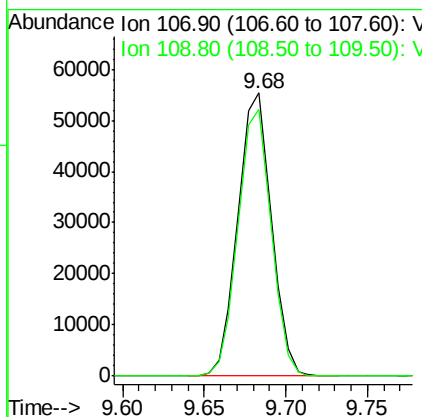
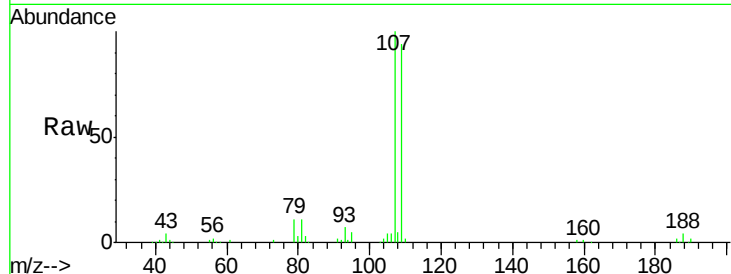
#61
 1,2-Dibromoethane
 Concen: 51.46 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 79871
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8

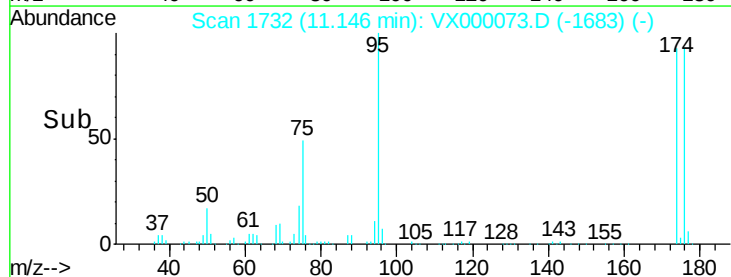
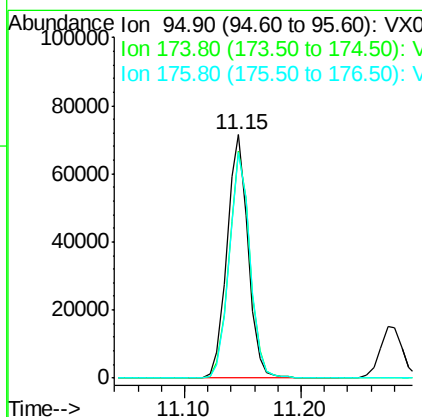
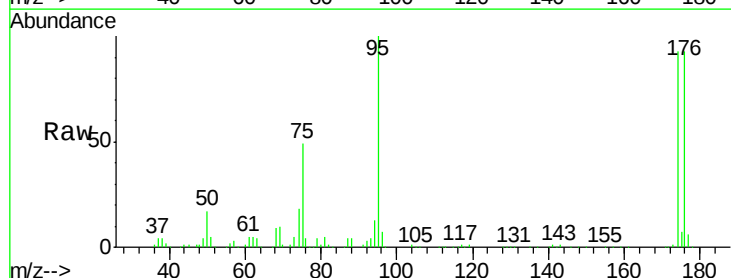
Manual Integrations
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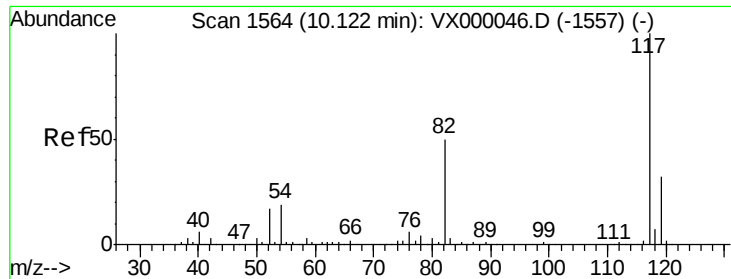
MMDadoda
 2/16/2018 2:27:58 PM



#62
 4-Bromofluorobenzene
 Concen: 49.88 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 95 Resp: 89594
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 185.6
 176 91.5 0.0 181.8





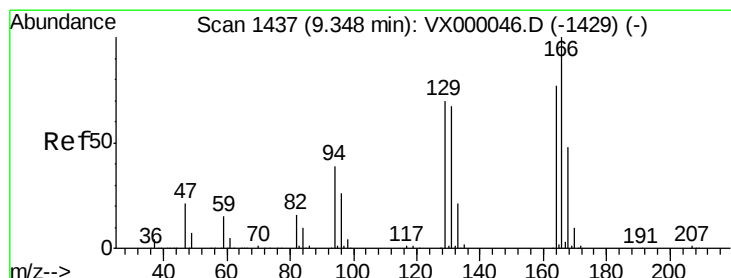
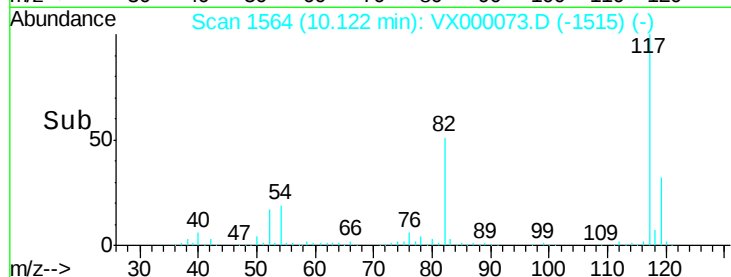
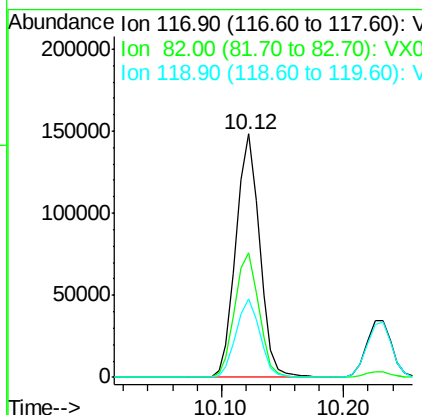
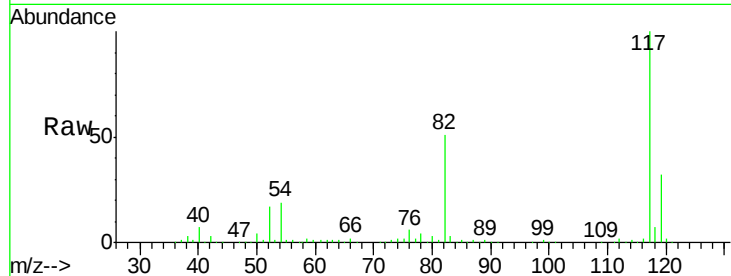
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.3	60.5
119	32.3	25.3	37.9

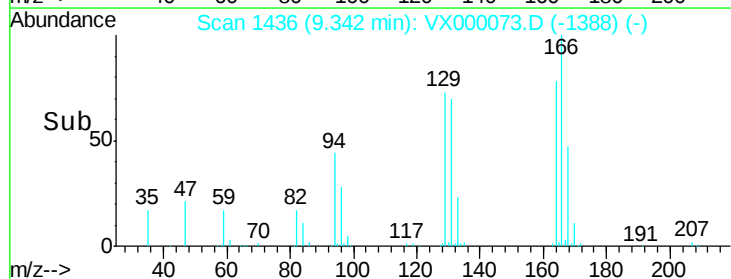
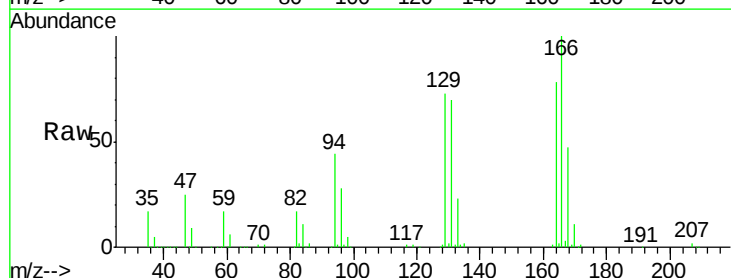
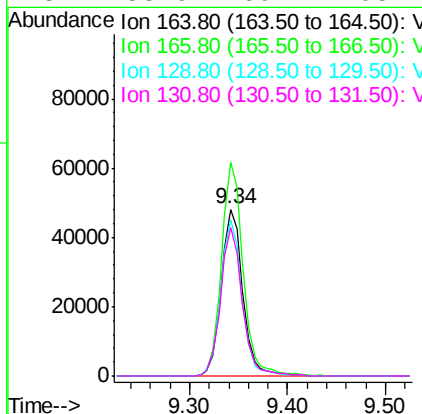
Manual Integrations
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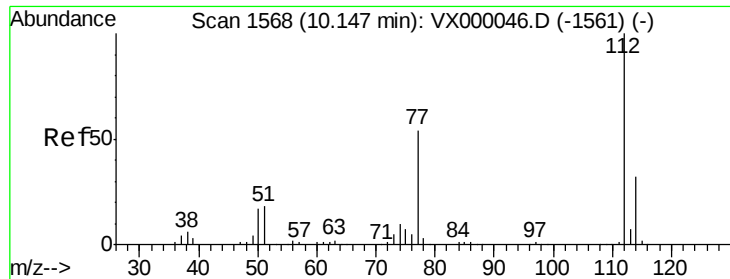
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#64
Tetrachloroethene
Concen: 49.98 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.7	155.5
129	93.6	72.2	108.4
131	88.9	69.1	103.7





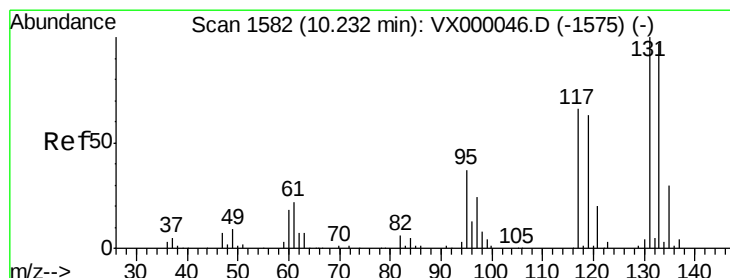
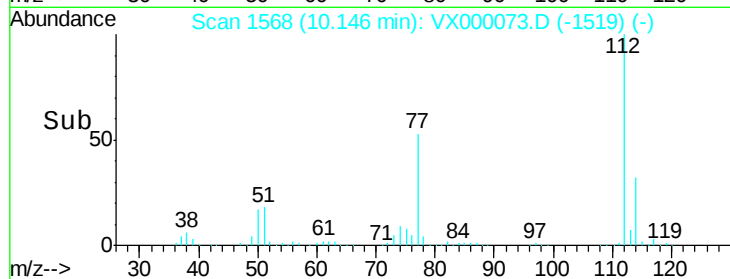
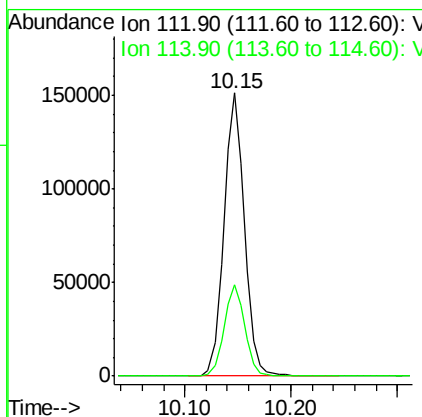
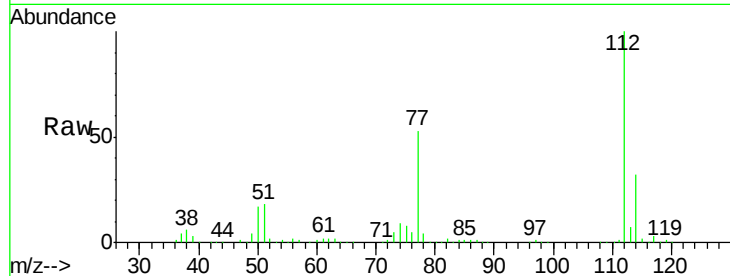
#65
Chlorobenzene
Concen: 49.11 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 202818
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

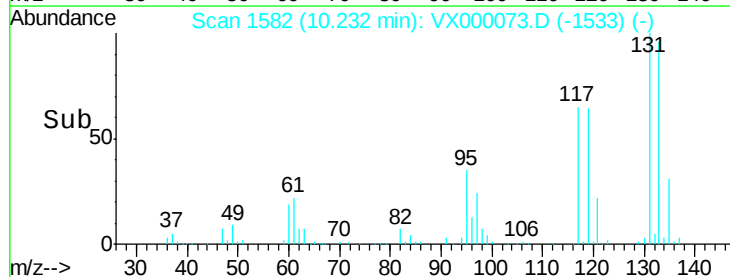
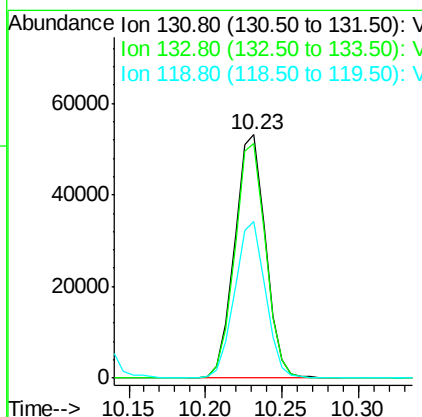
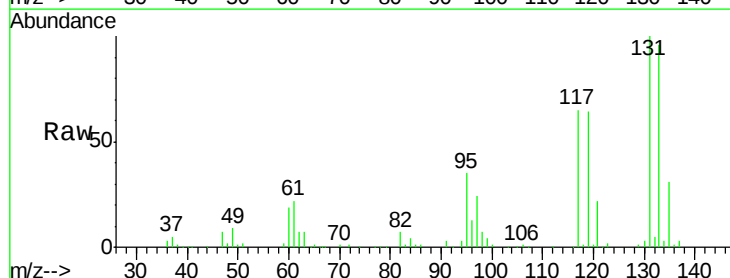
Manual Integrations
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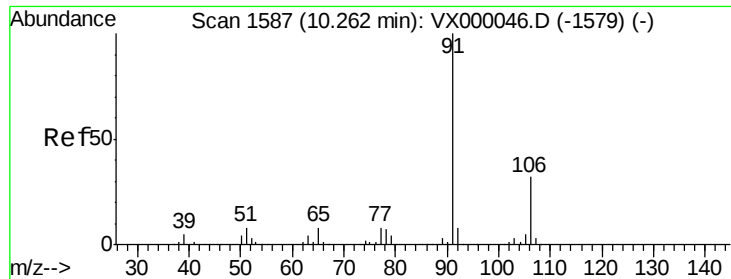
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.07 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:131 Resp: 74350
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 64.2 31.7 95.1





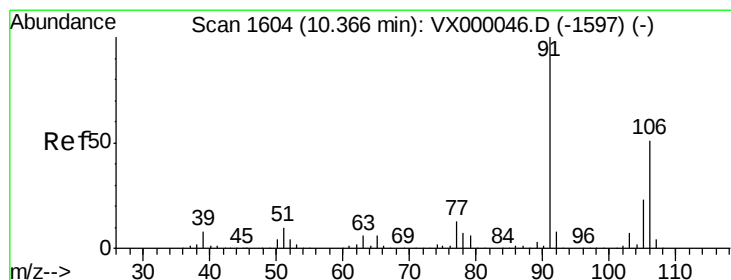
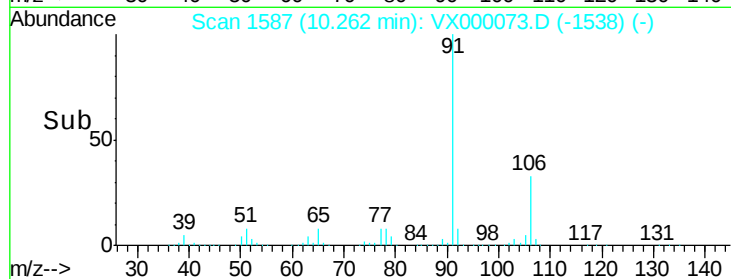
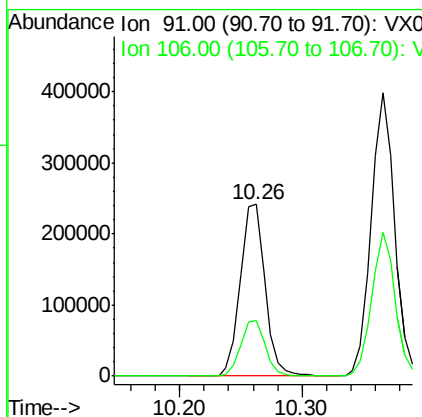
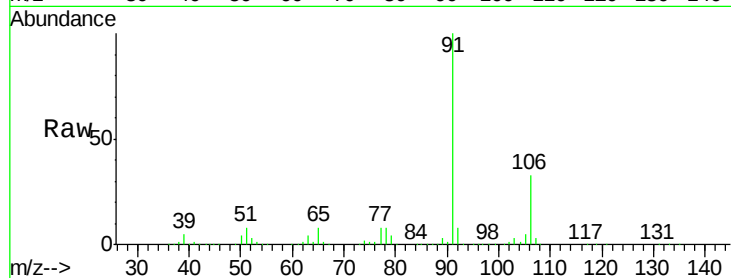
#67
Ethyl Benzene
Concen: 49.56 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
Client Sampled :
VSTDCCC050

Tot Ion: 91 Resp: 339293
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9

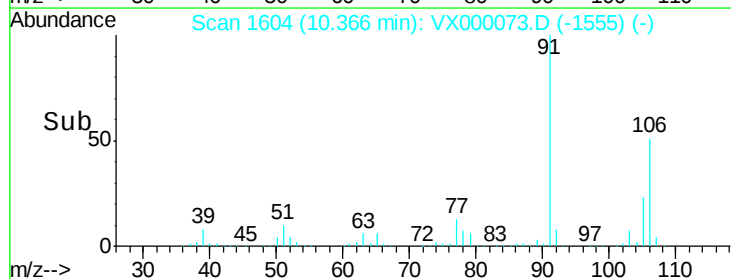
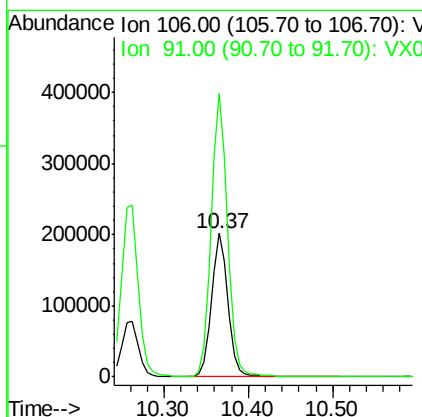
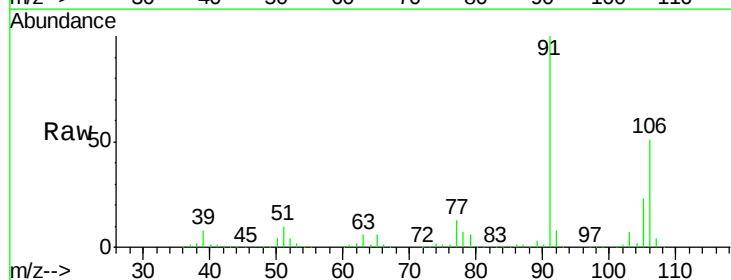
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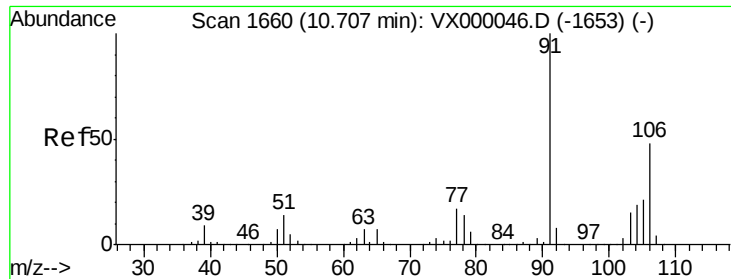
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#68
m/p-Xylenes
Concen: 99.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 106 Resp: 271480
Ion Ratio Lower Upper
106 100
91 198.0 158.3 237.5





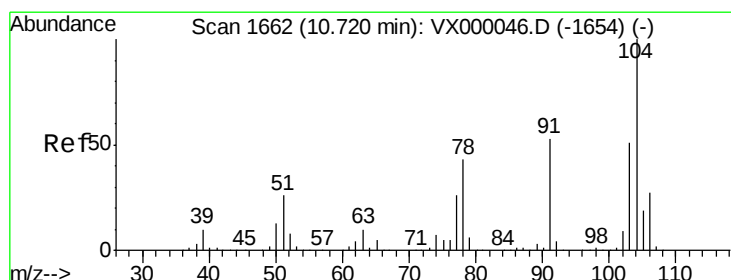
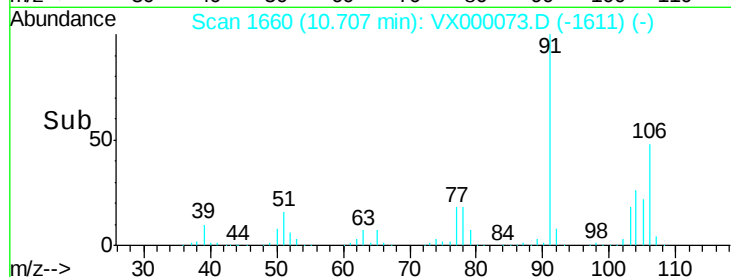
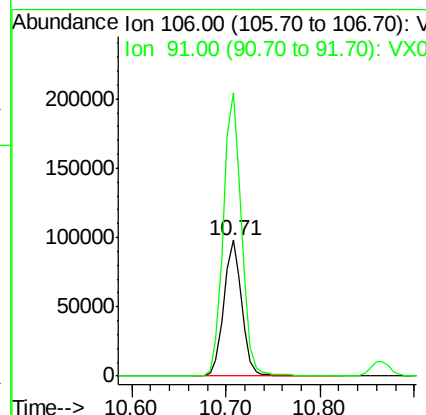
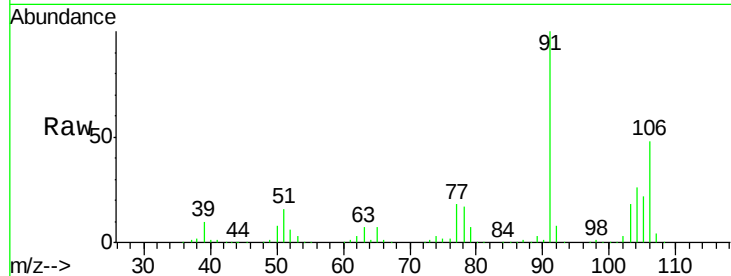
#69
o-Xylene
Concen: 49.24 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
Client Sampled :
VSTDCCC050

Tot Ion:106 Resp: 129601
Ion Ratio Lower Upper
106 100
91 211.0 104.0 312.0

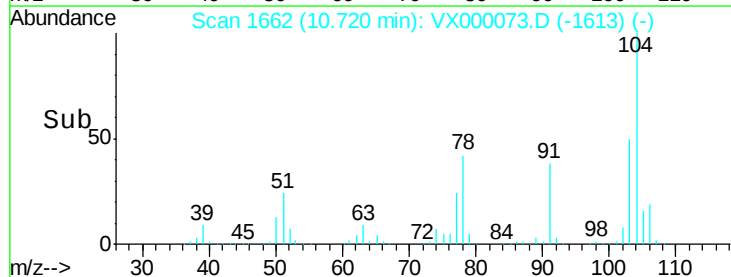
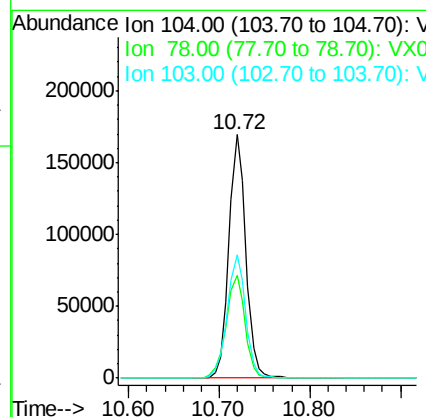
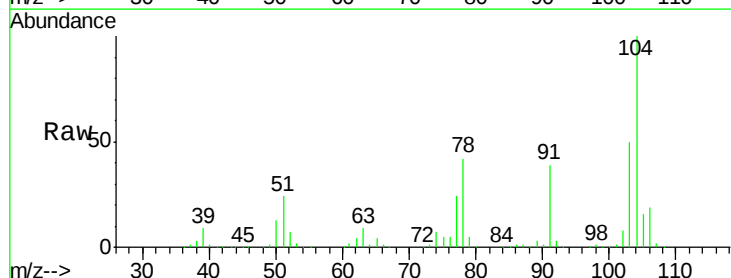
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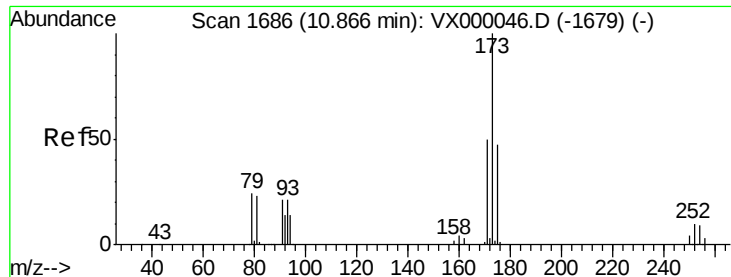
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#70
Styrene
Concen: 49.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:104 Resp: 220553
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.9 44.0 66.0





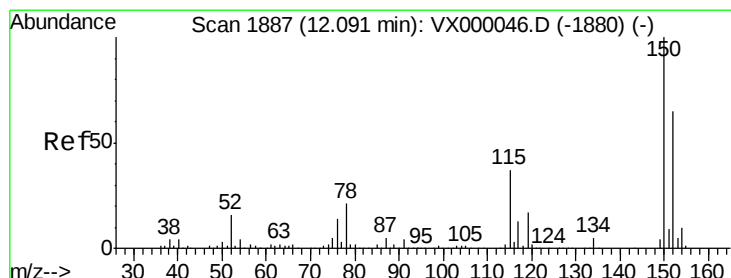
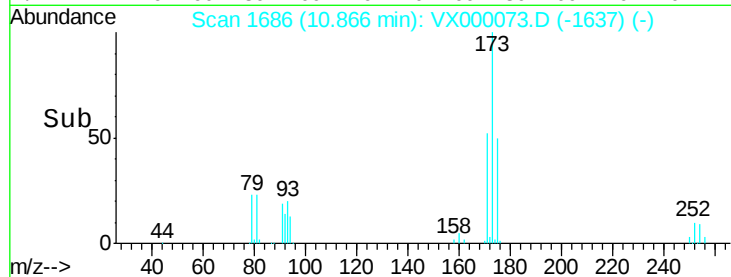
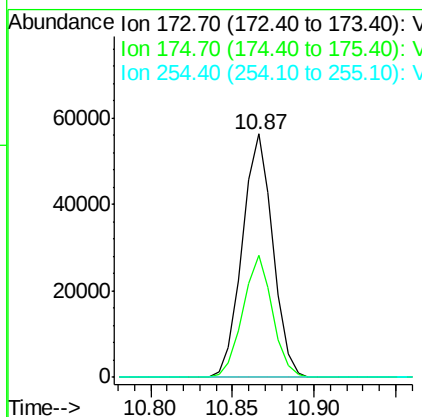
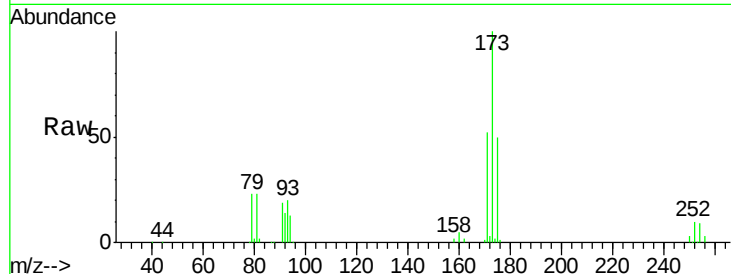
#71
Bromoform
Concen: 52.33 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.9	71.8
254	0.0	0.1	0.1

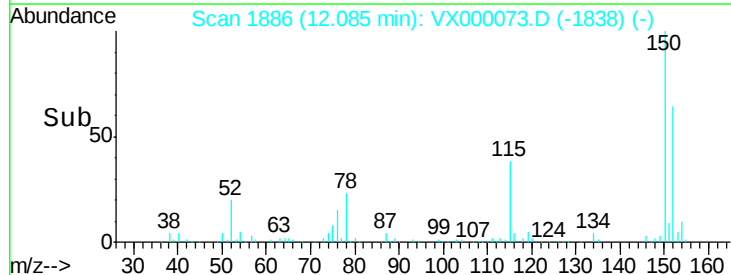
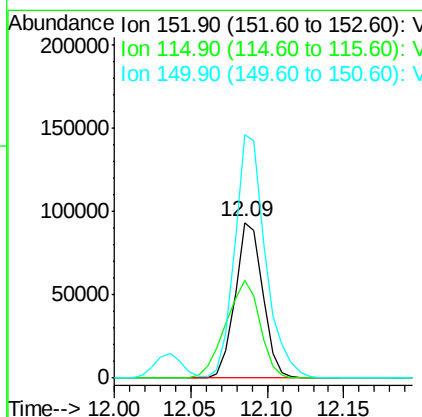
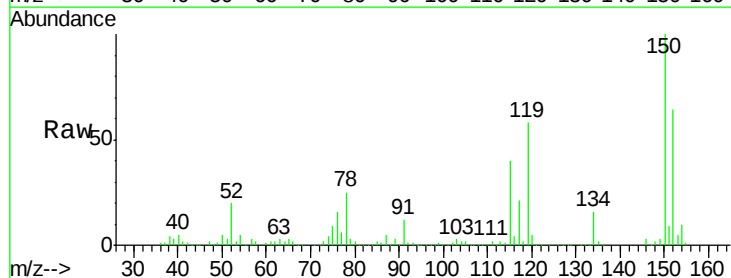
Manual Integrations
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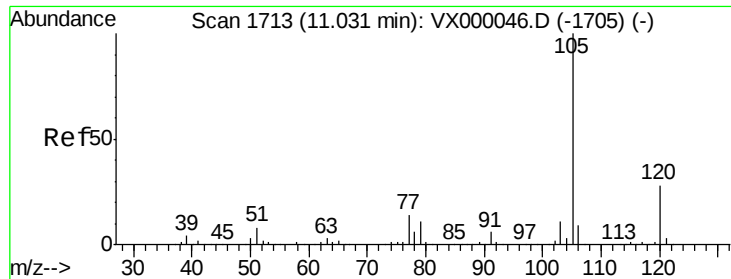
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	39.3	117.8
150	174.1	0.0	349.2





#73

Isopropylbenzene

Concen: 48.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 358501

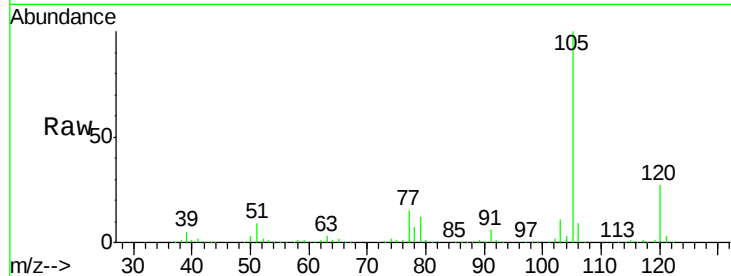
Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3

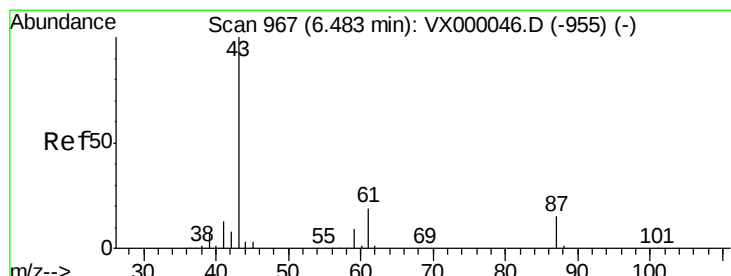
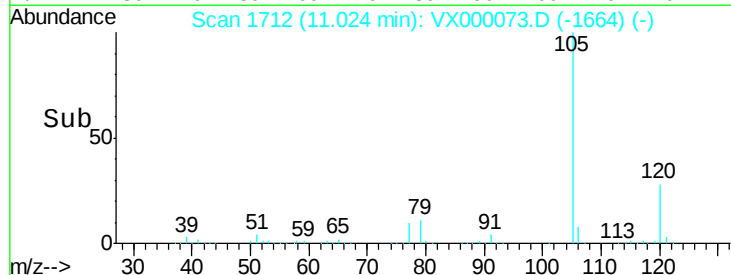
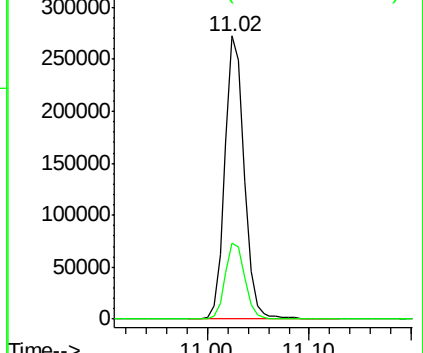
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.20 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion: 43 Resp: 171407

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

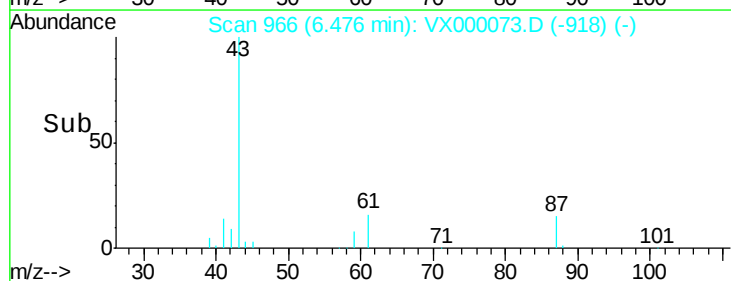
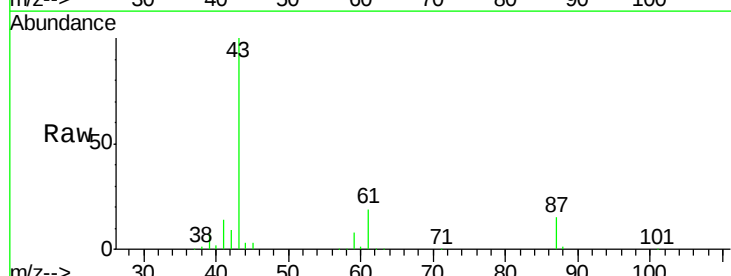
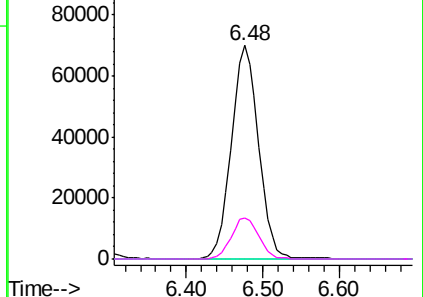
61 19.6 15.9 23.9

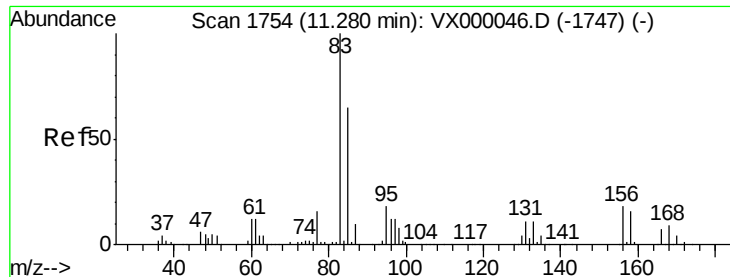
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 119057
Ion Ratio Lower Upper

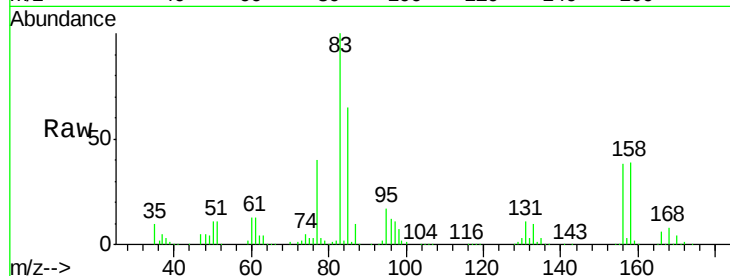
83 100

131 11.1 5.5 16.7

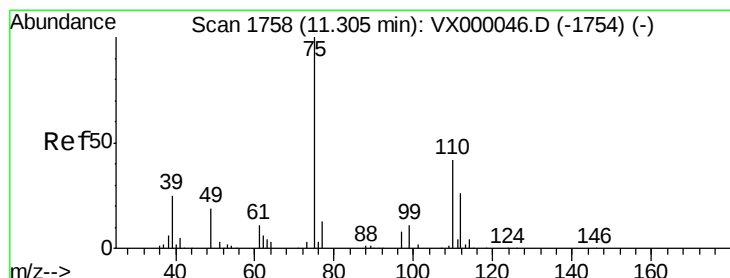
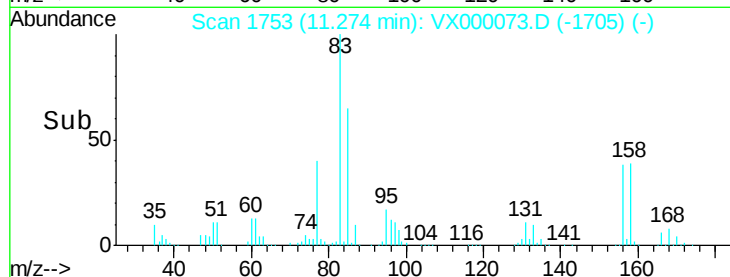
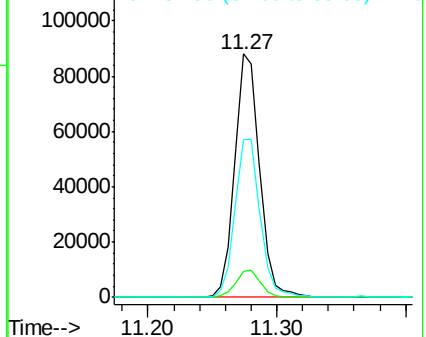
85 66.0 32.6 97.7

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.03 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

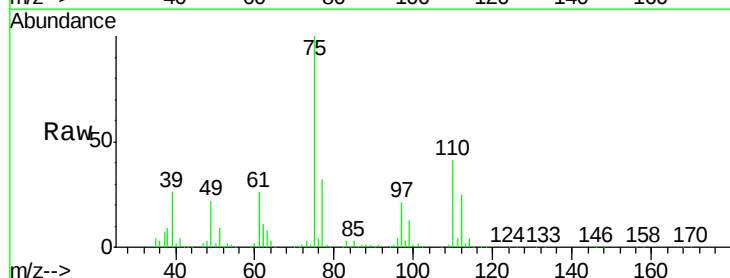
Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

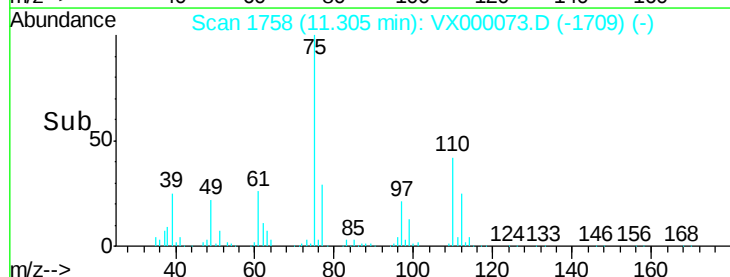
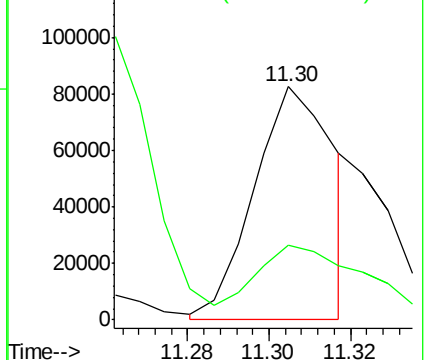
Tgt Ion: 75 Resp: 112294
Ion Ratio Lower Upper

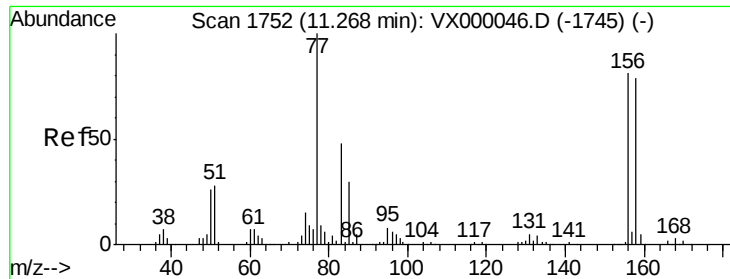
75 100

77 44.4 23.7 71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

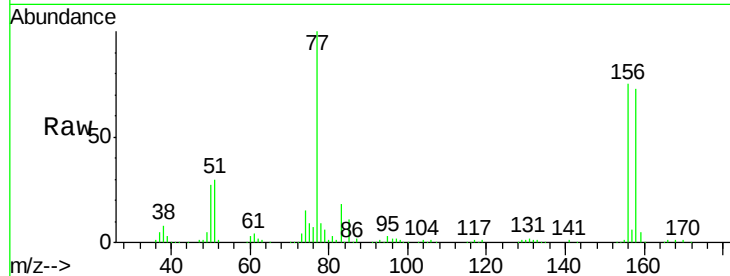
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.5	66.2	198.6
158	97.6	48.6	145.9

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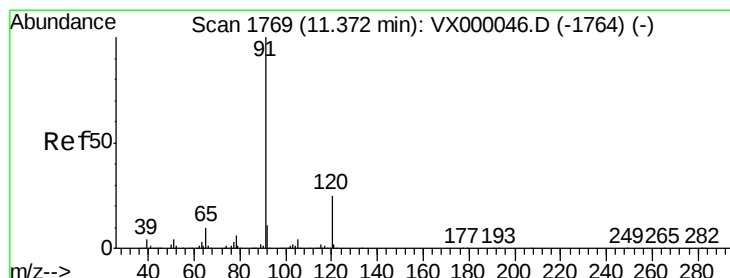
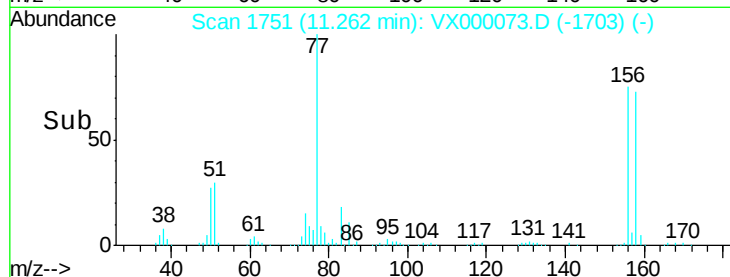
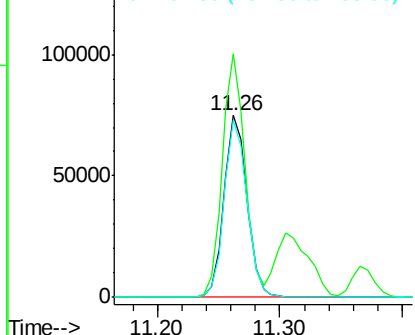
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.47 ug/l

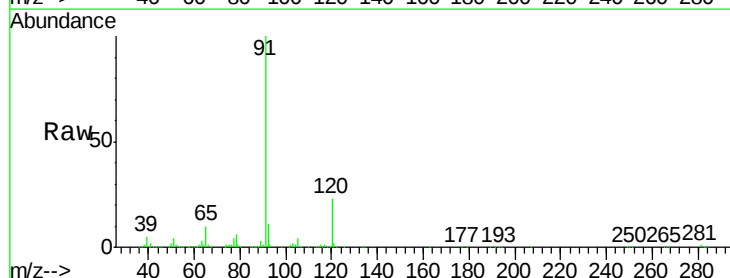
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000073.D

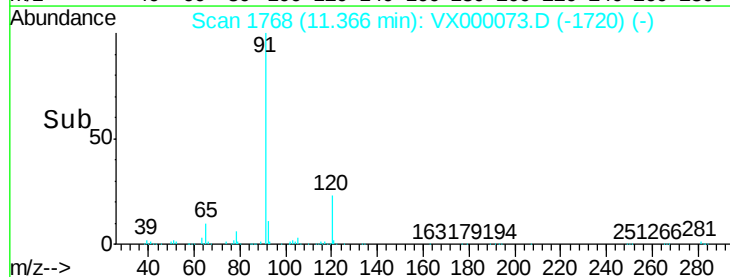
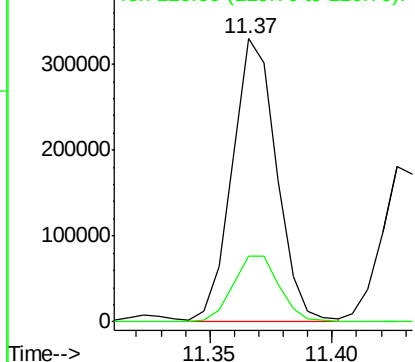
Acq: 13 Feb 2018 12:37

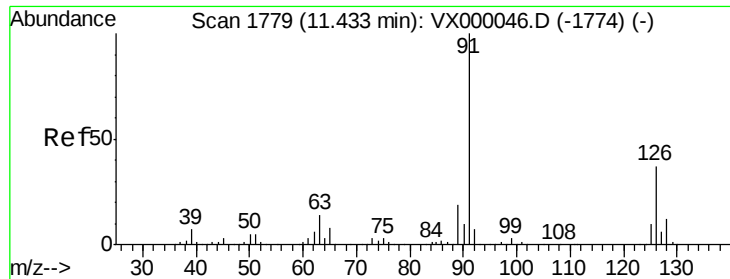
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.08 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 238989

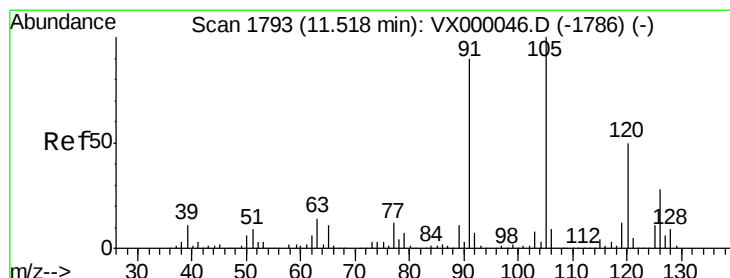
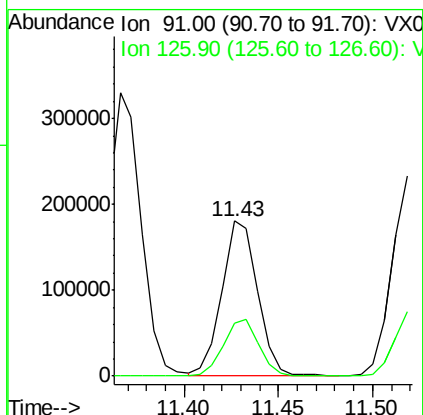
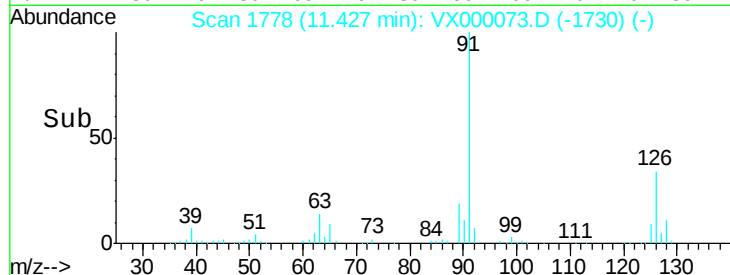
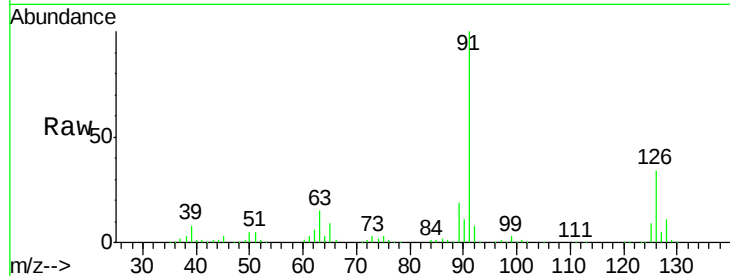
Ion Ratio Lower Upper

91 100

126 36.4 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 48.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000073.D

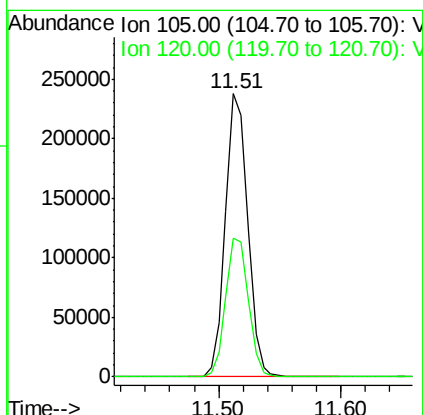
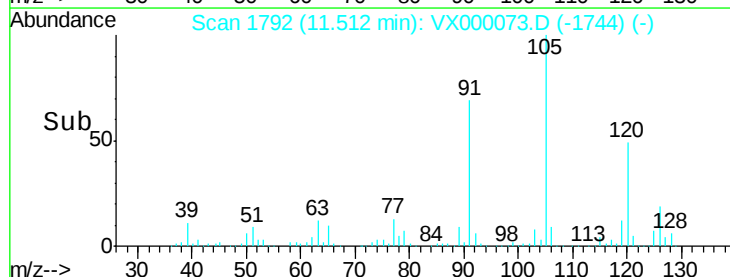
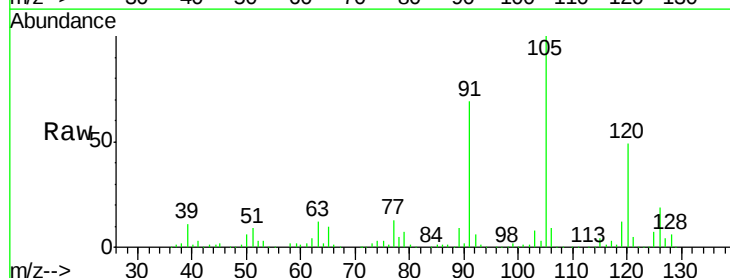
Acq: 13 Feb 2018 12:37

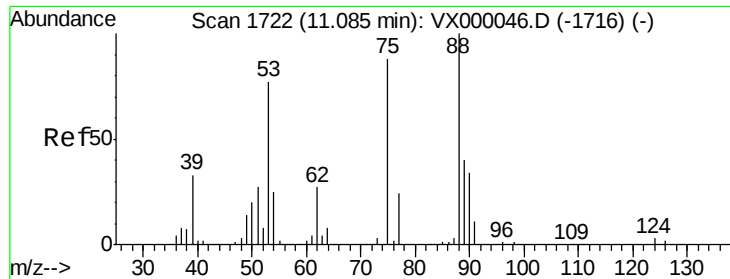
Tgt Ion: 105 Resp: 300828

Ion Ratio Lower Upper

105 100

120 50.0 24.8 74.3





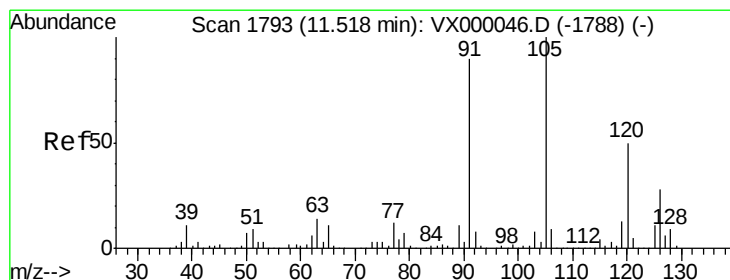
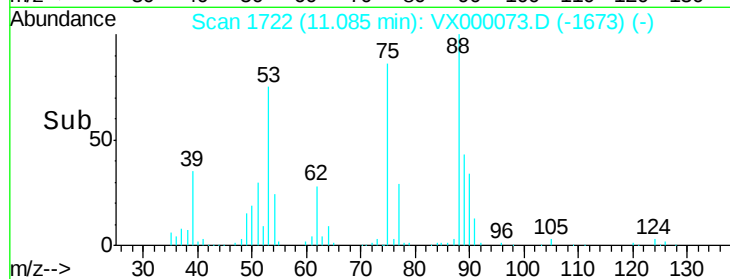
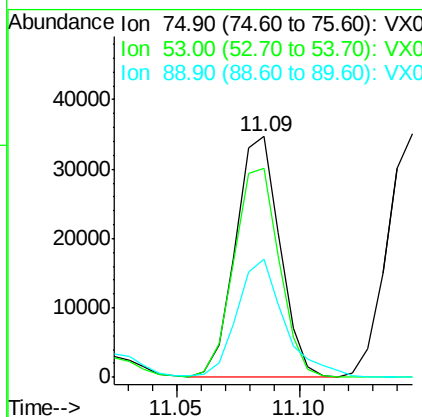
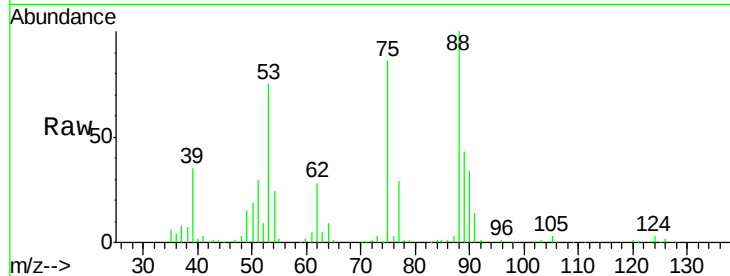
#81
trans-1,4-Dichloro-2-butene
Concen: 48.94 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
Client Sampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	70.3	105.5
89	53.3	48.6	72.8

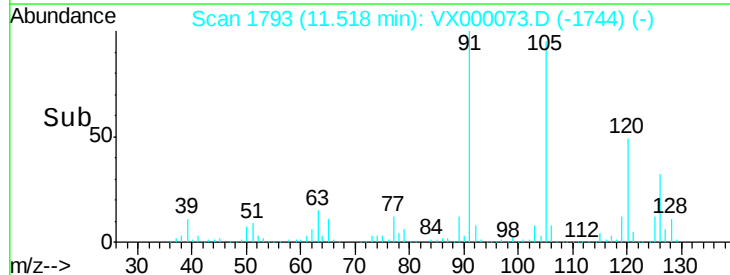
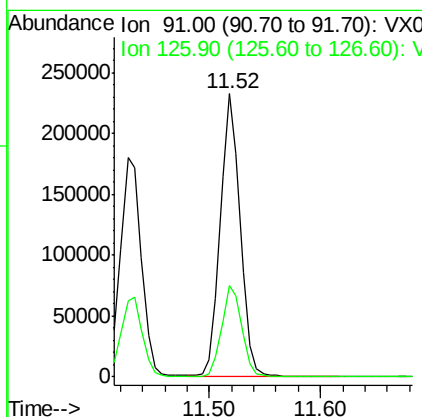
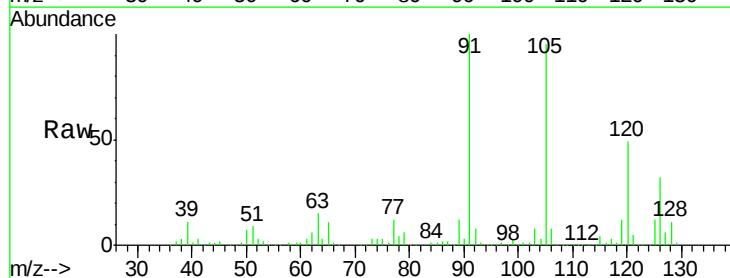
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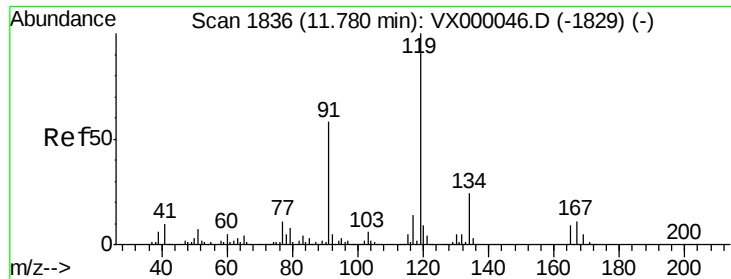
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#82
4-Chlorotoluene
Concen: 48.49 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.8





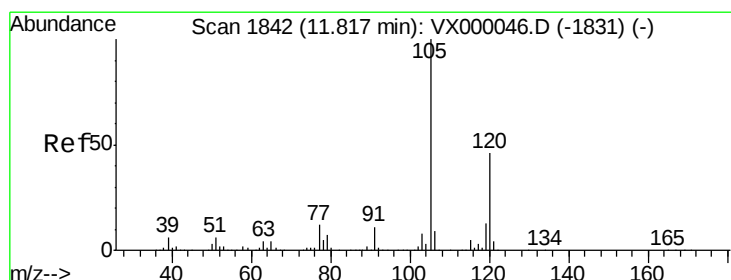
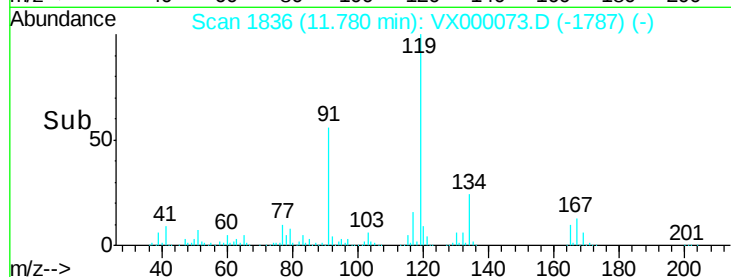
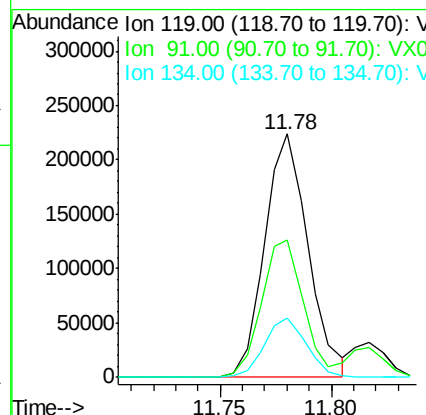
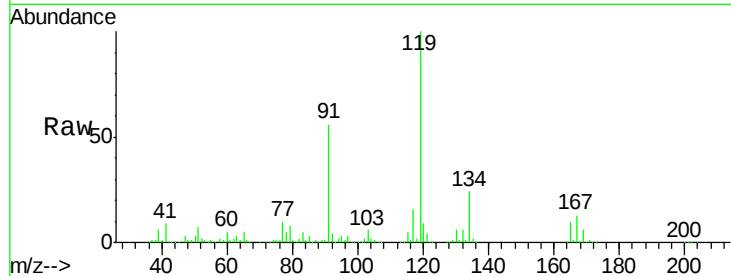
#83
 tert-Butylbenzene
 Concen: 48.38 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		303637		
91	54.1	27.9		83.7	
134	23.6	11.7		35.1	

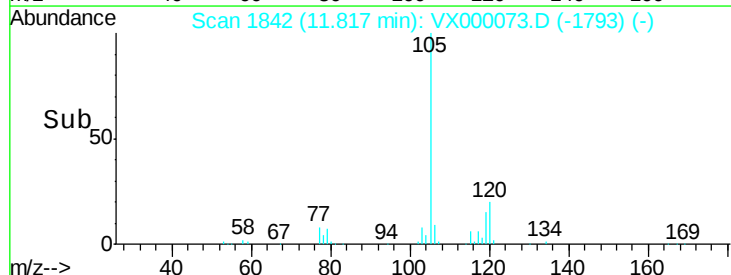
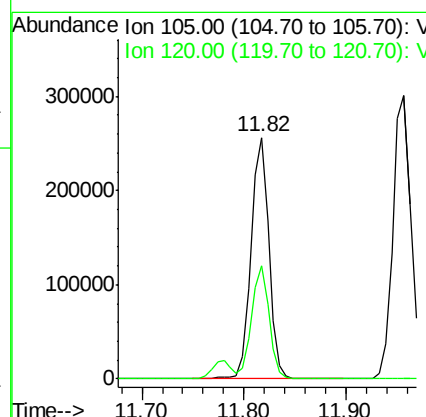
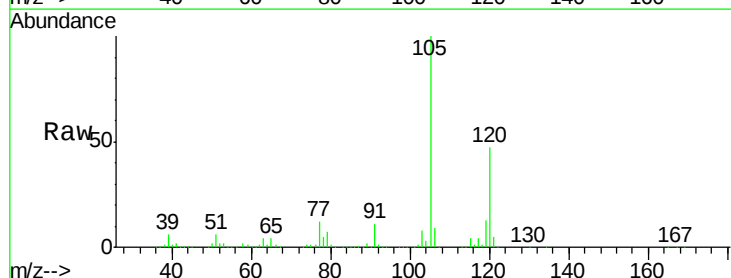
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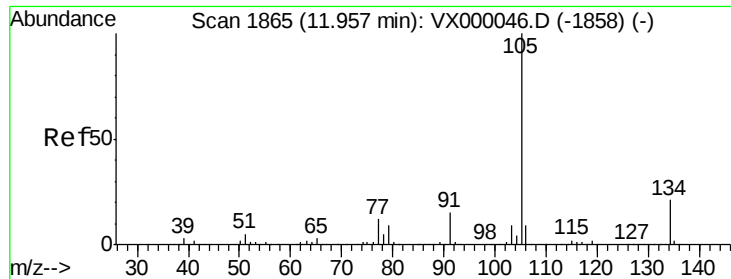
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.95 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		311159		
120	46.2	23.4		70.2	





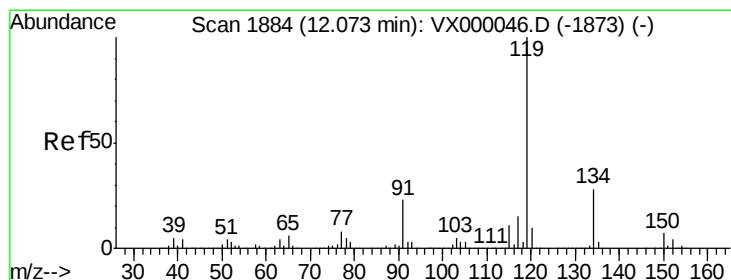
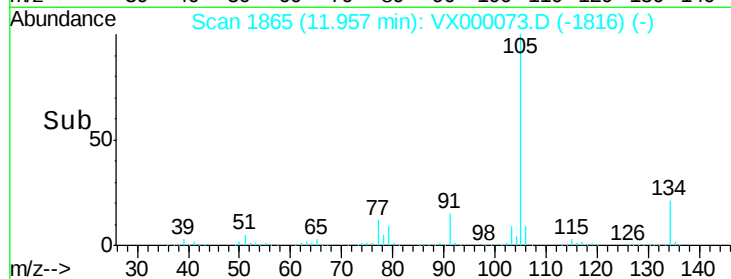
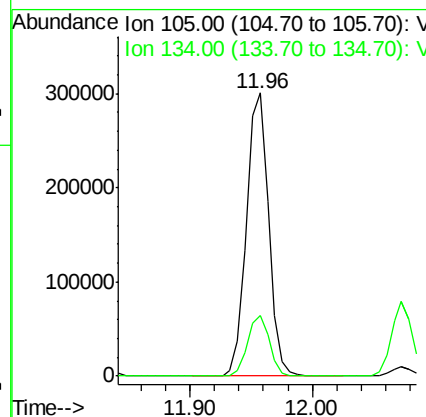
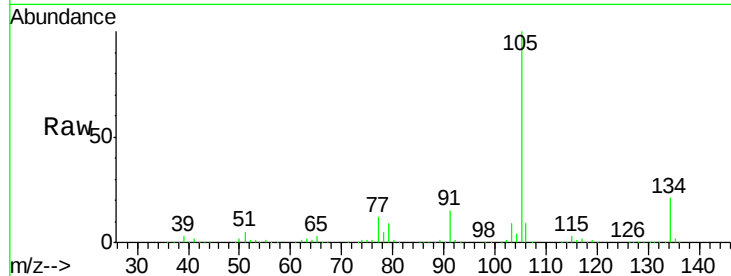
#85
 sec-Butylbenzene
 Concen: 48.70 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 376056
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8

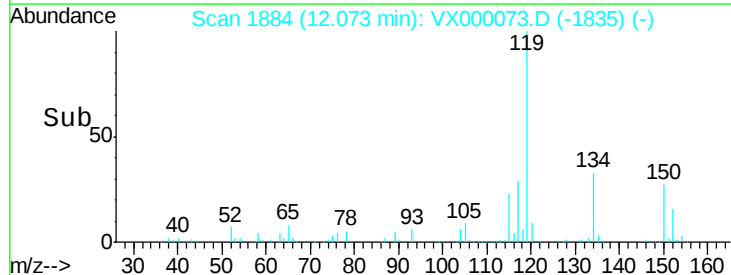
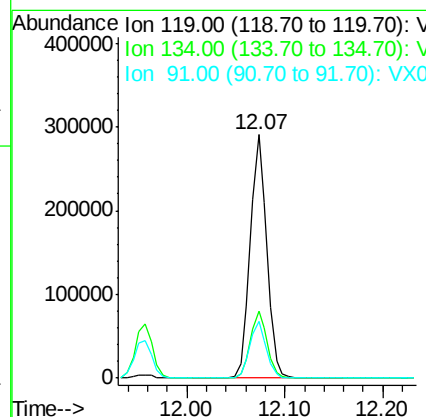
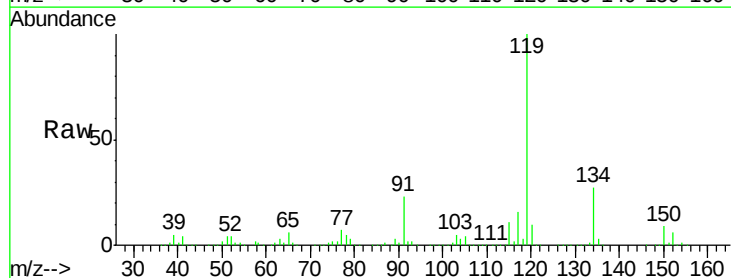
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#86
 p-Isopropyltoluene
 Concen: 49.12 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:119 Resp: 341067
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 23.1 11.6 34.7





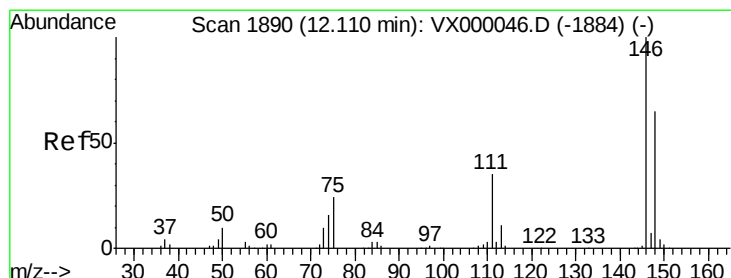
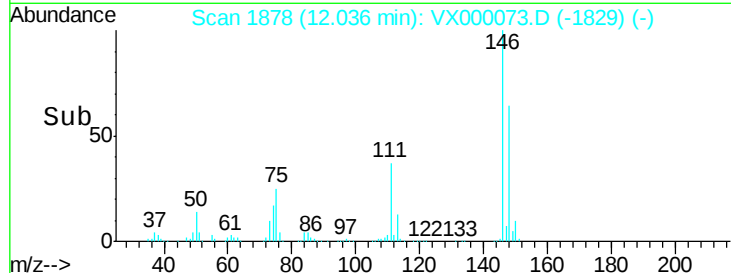
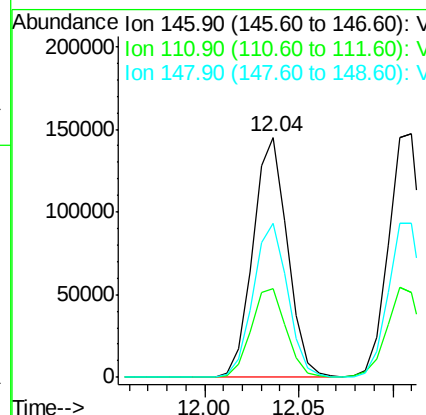
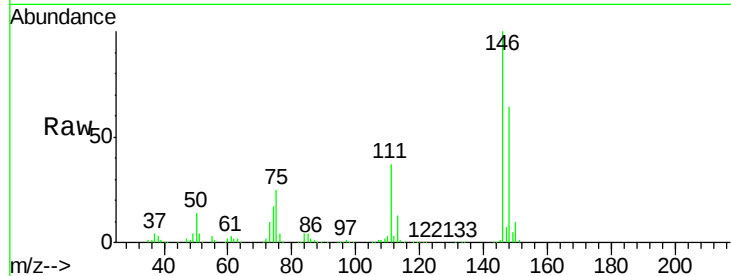
#87
 1,3-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	183562		
111	37.9	18.9	56.9	
148	64.2	31.8	95.4	

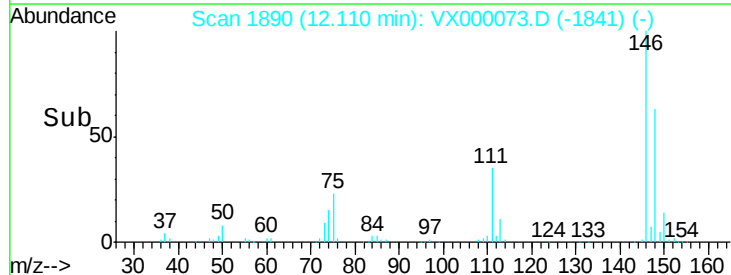
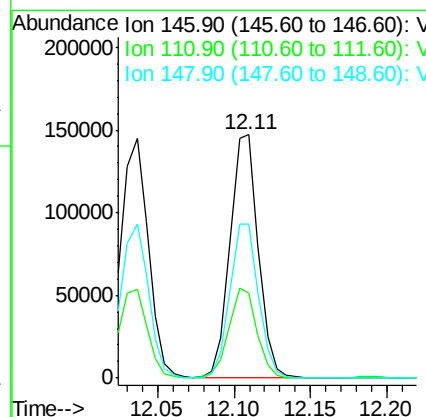
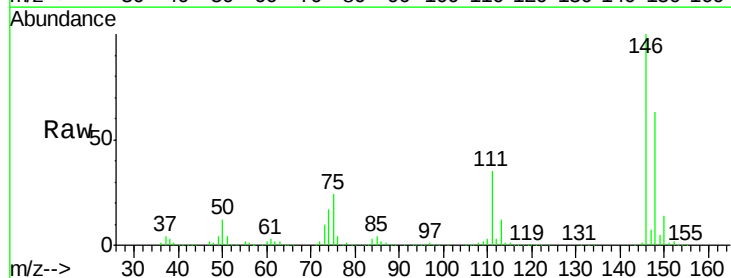
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 48.65 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188714		
111	36.8	18.7	56.1	
148	64.1	32.1	96.5	





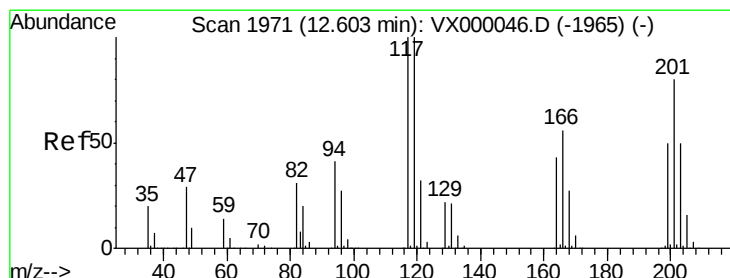
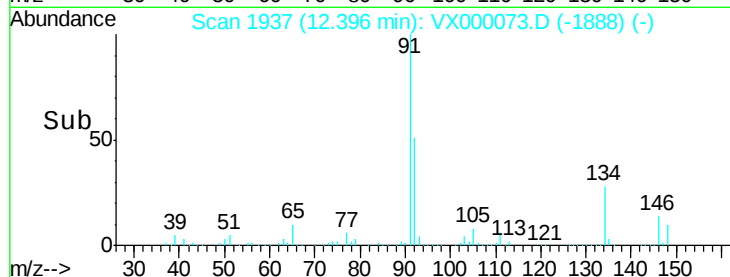
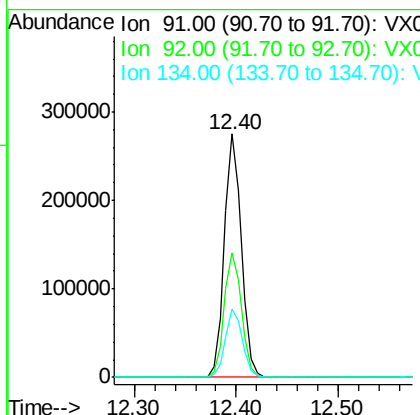
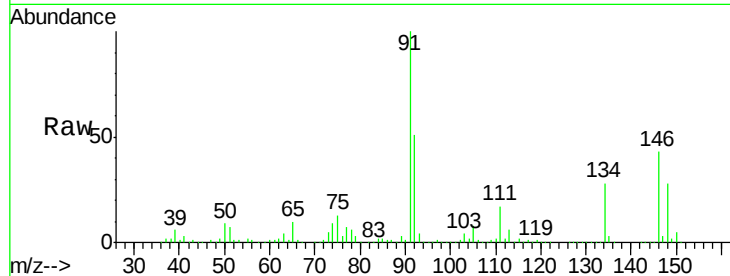
#89
n-Butylbenzene
Concen: 49.13 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
Client Sampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	28.0	14.1	42.2

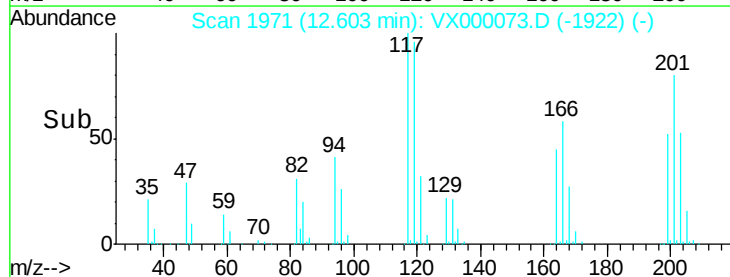
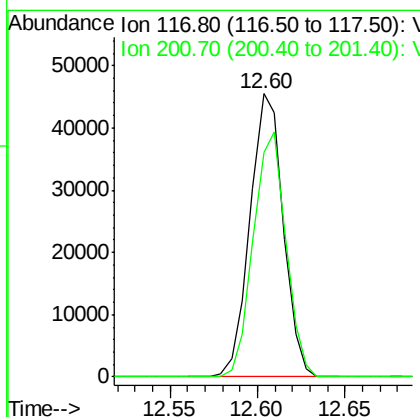
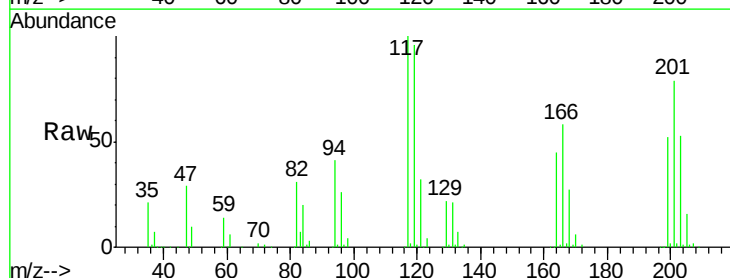
Manual Integrations
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#90
Hexachloroethane
Concen: 49.39 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.5	130.7





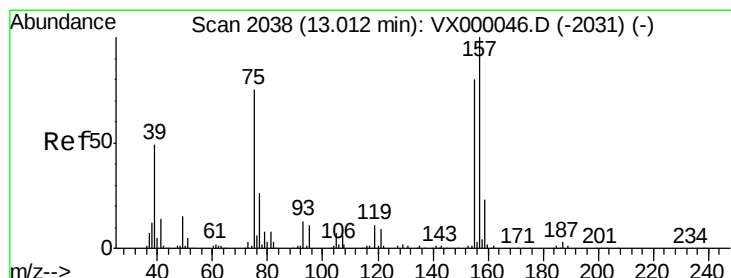
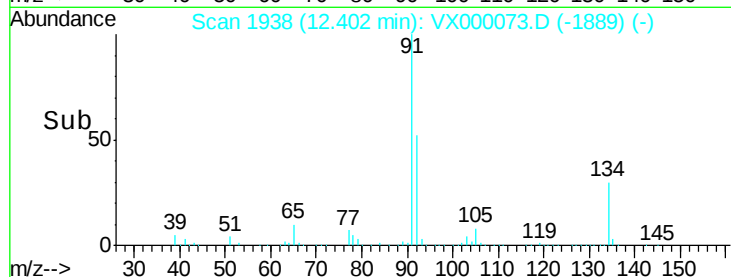
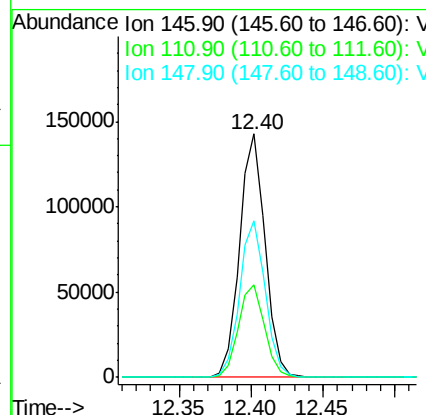
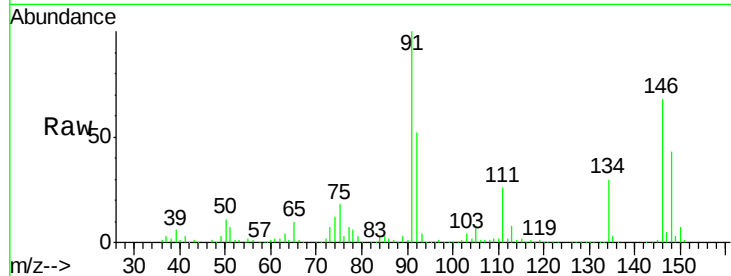
#91
 1,2-Dichlorobenzene
 Concen: 47.72 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	176951		
111	38.9	19.4	58.2	
148	64.4	32.0	96.2	

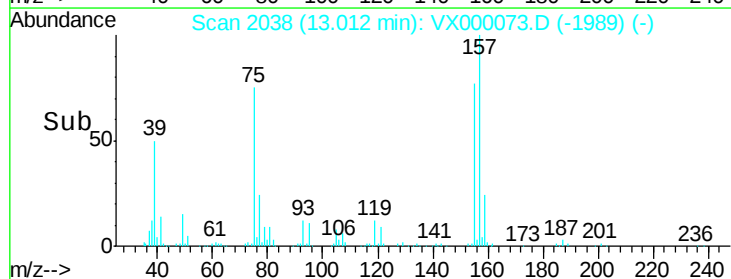
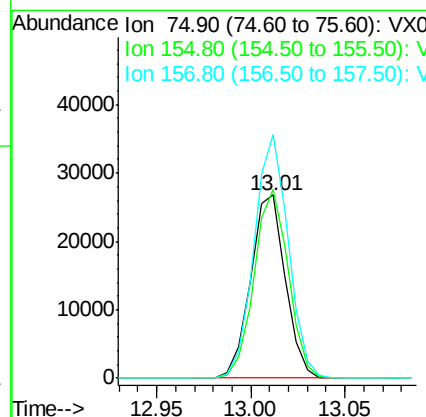
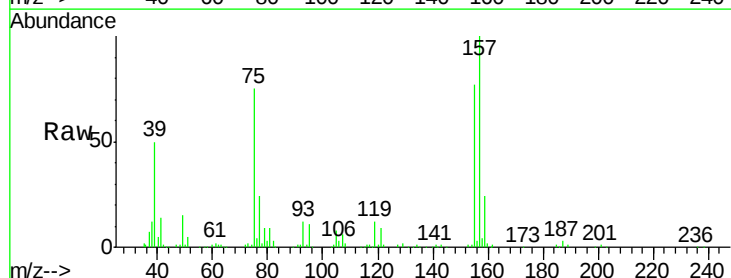
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.33 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34177		
155	100.8	52.0	156.0	
157	130.0	65.3	195.9	





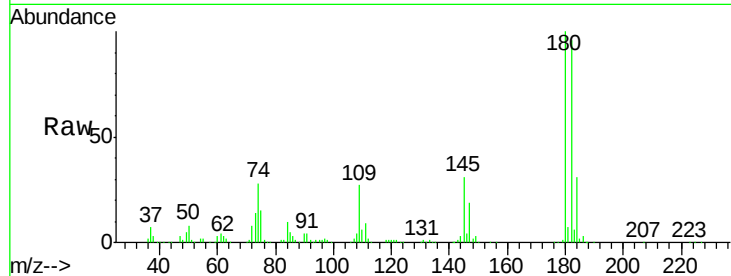
#93
 1,2,4-Trichlorobenzene
 Concen: 47.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

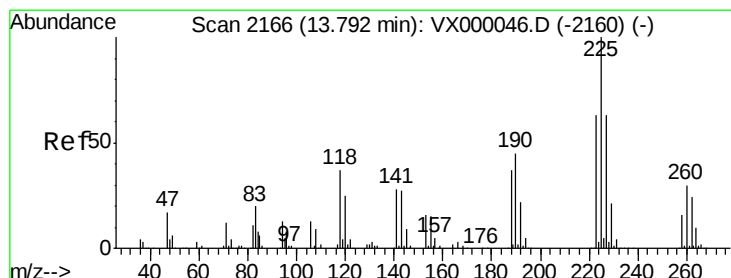
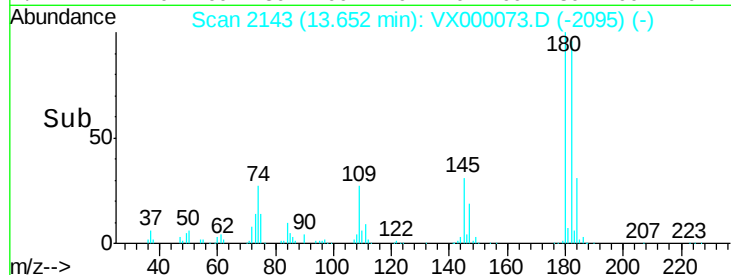
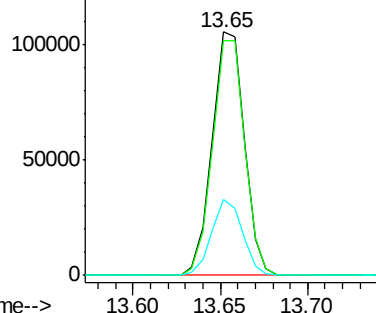
Tot Ion	Ratio	Resp	Lower	Upper
180	100	135470		
182	96.6	48.0	144.0	
145	30.1	14.7	44.1	

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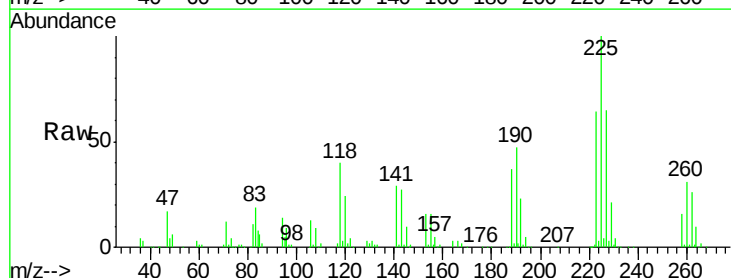


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

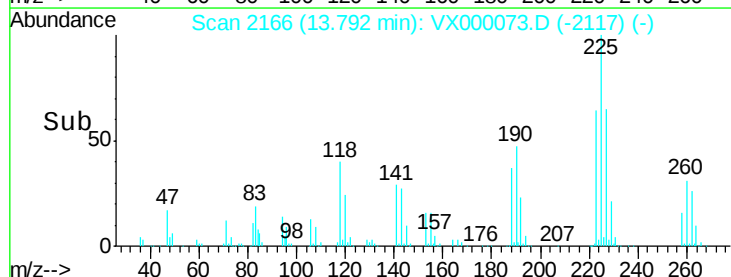
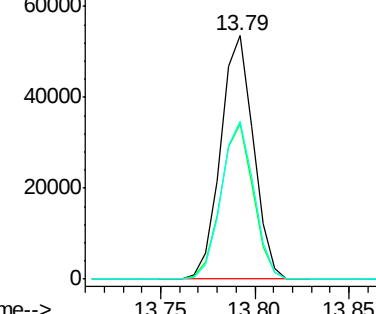


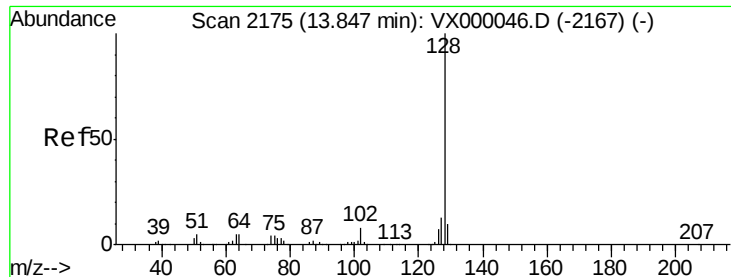
#94
 Hexachlorobutadiene
 Concen: 48.36 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64707		
223	62.9	31.9	95.5	
227	64.1	31.6	95.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.24 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

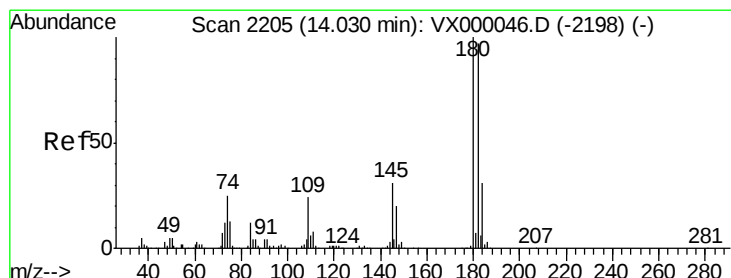
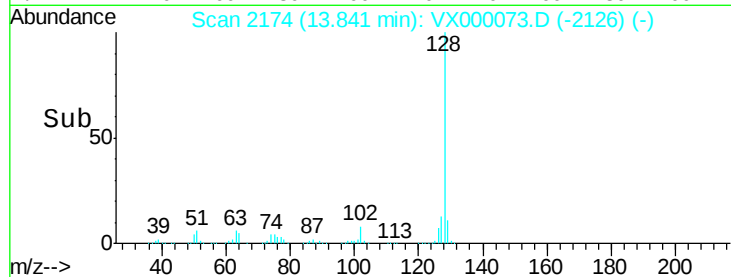
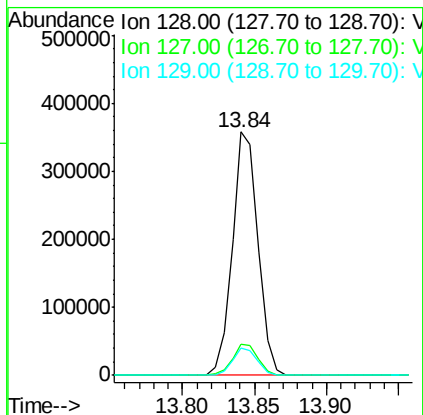
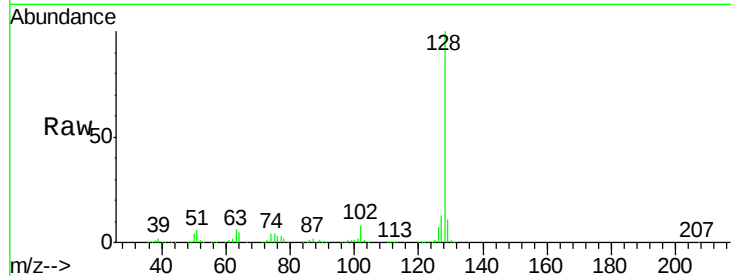
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	444735
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:27:58 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.03 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	180	Resp:	132549
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	30.8	15.7	47.0

