

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000942.D
 Acq On : 17 Apr 2018 02:01
 Operator : JC/MD
 Sample : VX0416WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:12 PM

Quant Time: Apr 17 07:37:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150812	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.51	113	123888	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.72	98	456582	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	185240	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50488	19.36	ug/l	100
3) Chloromethane	1.32	50	46454	20.78	ug/l	100
4) Vinyl Chloride	1.41	62	51636	20.54	ug/l	96
5) Bromomethane	1.65	94	33948	32.12	ug/l	100
6) Chloroethane	1.73	64	33049	21.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	80368	21.18	ug/l	96
8) Diethyl Ether	2.19	74	30515	21.53	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46155	20.63	ug/l	100
10) Methyl Iodide	2.52	142	28674	21.99	ug/l	99
11) Tert butyl alcohol	3.07	59	45466	87.93	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43949	20.73	ug/l	96
13) Acrolein	2.29	56	10240	40.78	ug/l	95
14) Allyl chloride	2.73	41	78647	20.06	ug/l	99
15) Acrylonitrile	3.15	53	120793	109.57	ug/l	100
16) Acetone	2.45	43	98217	97.79	ug/l	97
17) Carbon Disulfide	2.57	76	104106	16.22	ug/l	99
18) Methyl Acetate	2.78	43	61667	23.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154712	21.91	ug/l	98
20) Methylene Chloride	2.87	84	49765	21.30	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48196	20.62	ug/l	97
22) Diisopropyl ether	3.88	45	162210	22.52	ug/l	98
23) Vinyl Acetate	3.83	43	667366	105.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89702	22.19	ug/l	100
25) 2-Butanone	4.71	43	168893	101.83	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63032	15.71	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	56883	21.44	ug/l	98
28) Bromochloromethane	5.03	49	31573	19.40	ug/l	96
29) Tetrahydrofuran	5.17	42	108794	103.31	ug/l	99
30) Chloroform	5.23	83	93294	21.80	ug/l	99
31) Cyclohexane	5.59	56	76913	20.04	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	83534	20.49	ug/l	100
36) 1,1-Dichloropropene	5.81	75	68653	19.64	ug/l	99
37) Ethyl Acetate	4.87	43	68243	20.00	ug/l	99
38) Carbon Tetrachloride	5.79	117	71954	18.39	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	76247	18.16	ug/l	98
40) Benzene	6.15	78	202447	20.84	ug/l	100
41) Methacrylonitrile	5.07	41	41108	20.85	ug/l	99
42) 1,2-Dichloroethane	6.21	62	78773	21.72	ug/l	99
43) Isopropyl Acetate	6.47	43	114492	19.57	ug/l	100
44) Trichloroethene	7.22	130	61771	20.45	ug/l	97
45) 1,2-Dichloropropane	7.53	63	52188	21.10	ug/l	95
46) Dibromomethane	7.67	93	35872	20.80	ug/l	98
47) Bromodichloromethane	7.90	83	65905	18.94	ug/l	96
48) Methyl methacrylate	7.78	41	61594	20.31	ug/l	99
49) 1,4-Dioxane	7.76	88	19290	316.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	354558	103.17	ug/l	99
52) Toluene	8.79	92	132410	20.55	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77804	18.64	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	72047	17.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54218	21.20	ug/l	99
56) Ethyl methacrylate	9.19	69	77864	19.73	ug/l	100
57) 1,3-Dichloropropane	9.38	76	88516	21.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196461	106.56	ug/l	99
59) 2-Hexanone	9.51	43	261099	98.41	ug/l	99
60) Dibromochloromethane	9.59	129	54528	17.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56433	20.80	ug/l	100
64) Tetrachloroethene	9.34	164	64769	21.54	ug/l	100
65) Chlorobenzene	10.15	112	157398	20.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	55296	18.99	ug/l	98
67) Ethyl Benzene	10.26	91	260459	20.19	ug/l	99
68) m/p-Xylenes	10.37	106	203861	40.04	ug/l	99
69) o-Xylene	10.71	106	99508	20.28	ug/l	100
70) Styrene	10.72	104	164894	19.93	ug/l	99
71) Bromoform	10.87	173	43286	16.05	ug/l #	100
73) Isopropylbenzene	11.02	105	268842	20.48	ug/l	100
74) N-amyl acetate	6.47	43	114492	19.36	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76603	20.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70657m	19.80	ug/l	
77) Bromobenzene	11.26	156	77610	20.17	ug/l	98
78) n-propylbenzene	11.37	91	303337	20.20	ug/l	99
79) 2-Chlorotoluene	11.43	91	180589	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227750	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17031	13.13	ug/l #	85
82) 4-Chlorotoluene	11.52	91	217410	20.29	ug/l	100
83) tert-Butylbenzene	11.77	119	229162	19.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	233856	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	270104	19.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	247943	19.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145130	20.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146032	20.01	ug/l	99
89) n-Butylbenzene	12.40	91	212809	18.97	ug/l	100
90) Hexachloroethane	12.60	117	34378	15.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141678	20.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15356	16.09	ug/l	98

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ClientSampleId :
VX0416WBS02

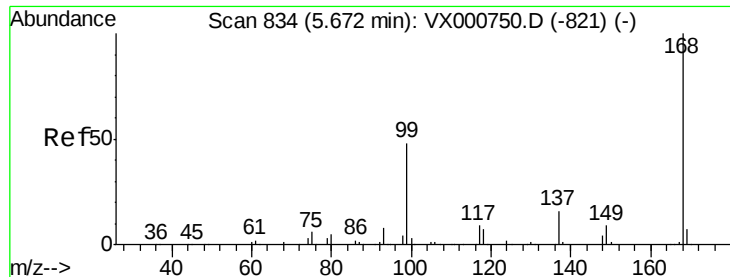
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115371	19.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	48424	16.79	ug/l	100
95) Naphthalene	13.84	128	298456	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110998	19.48	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion:168 Resp: 230975

Ion Ratio Lower Upper

168 100

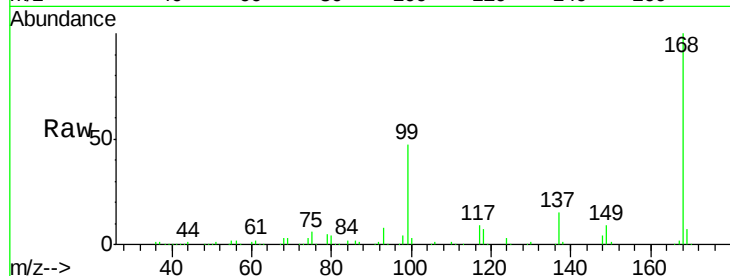
99 47.4 38.3 57.5

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

5.67

80000

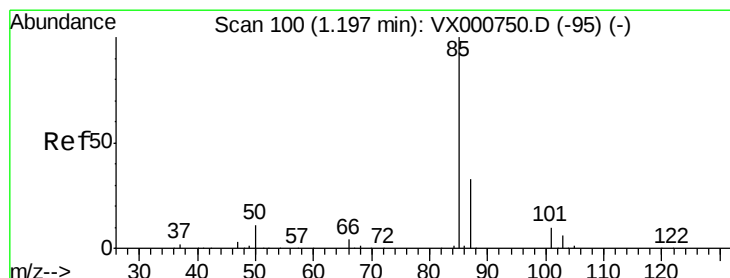
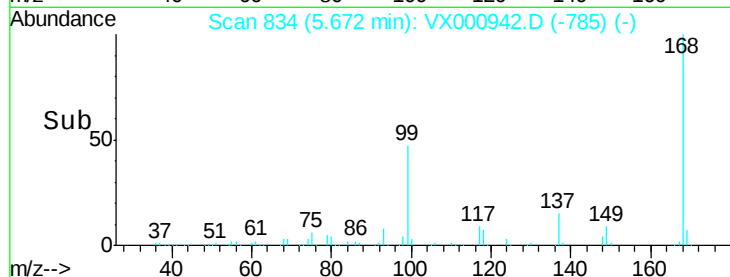
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000942.D

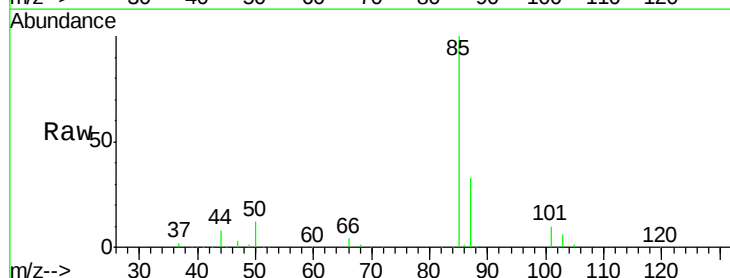
Acq: 17 Apr 2018 02:01

Tgt Ion: 85 Resp: 50488

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

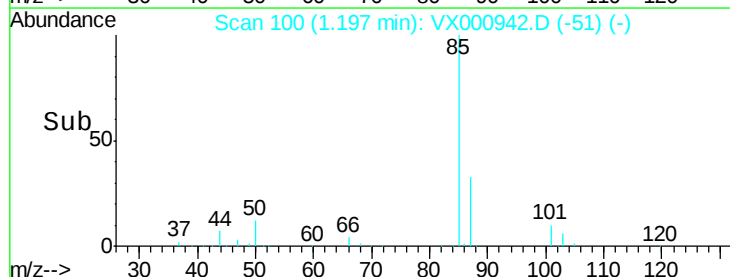
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 50 Resp: 46454

Ion Ratio Lower Upper

50 100

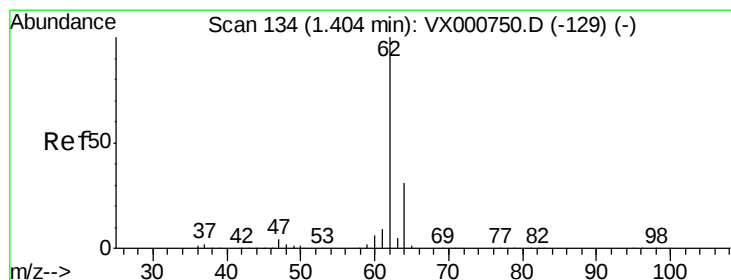
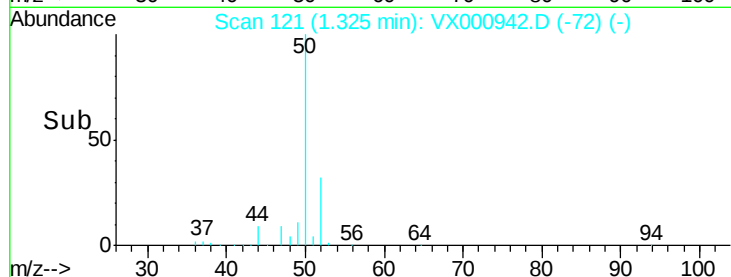
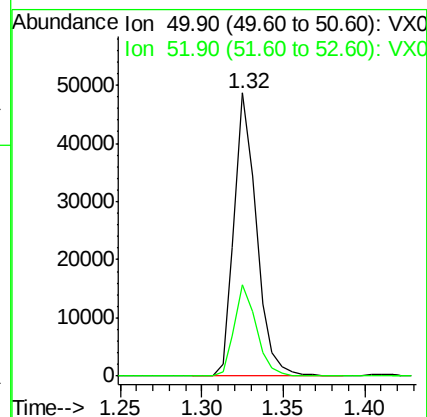
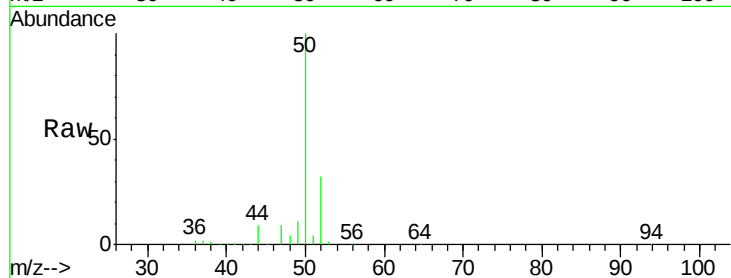
52 32.4 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.54 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000942.D

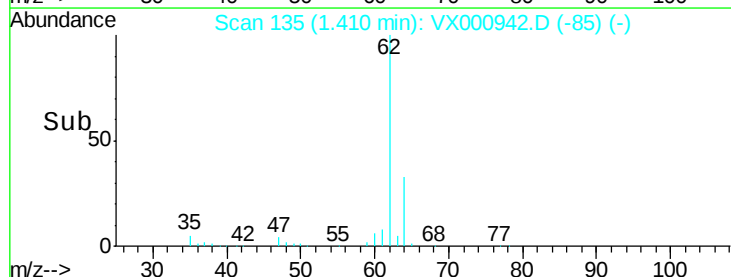
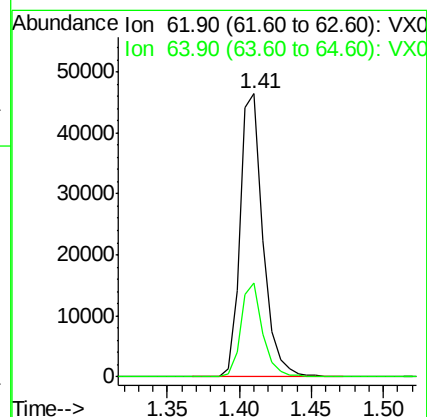
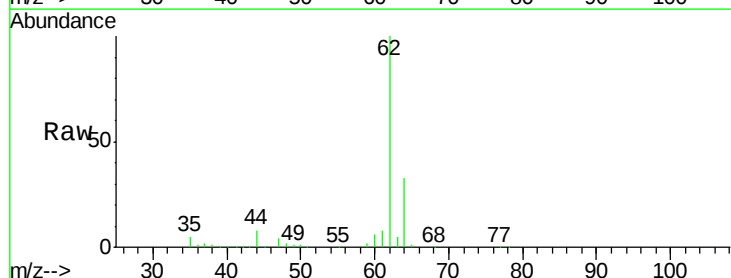
Acq: 17 Apr 2018 02:01

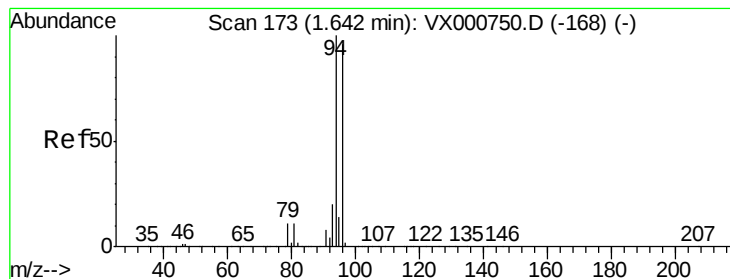
Tgt Ion: 62 Resp: 51636

Ion Ratio Lower Upper

62 100

64 33.0 24.6 36.8





#5

Bromomethane

Concen: 32.12 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 94 Resp: 33948

Ion Ratio Lower Upper

94 100

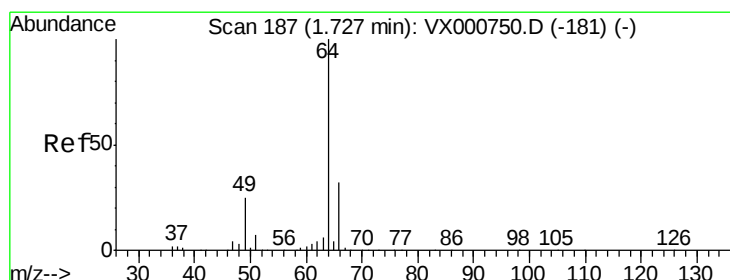
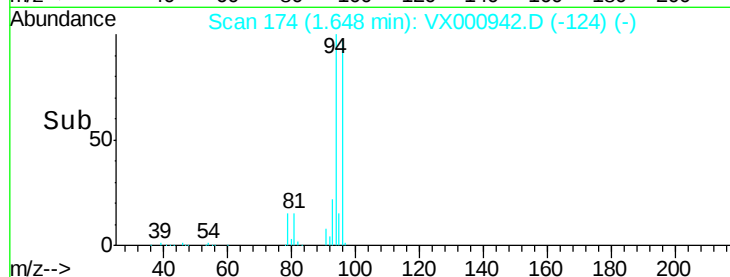
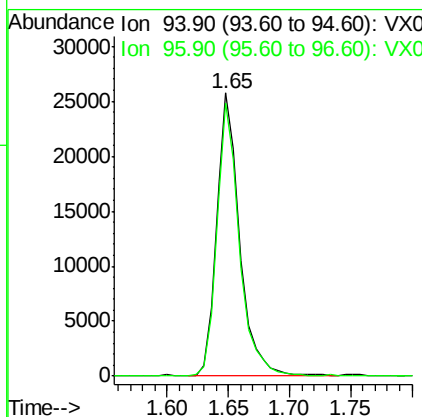
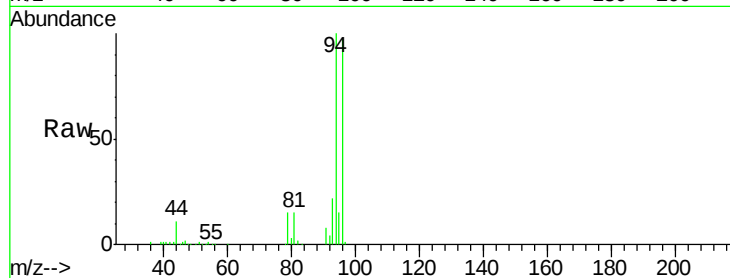
96 96.7 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 21.69 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000942.D

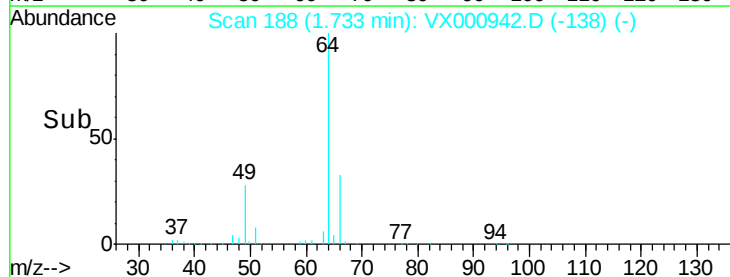
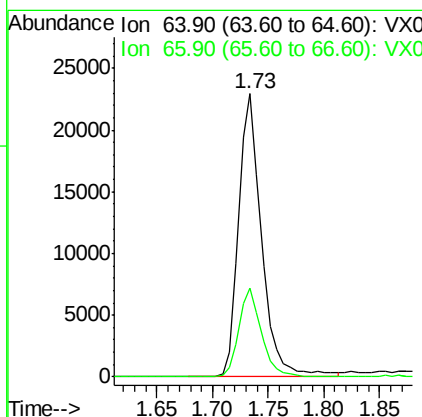
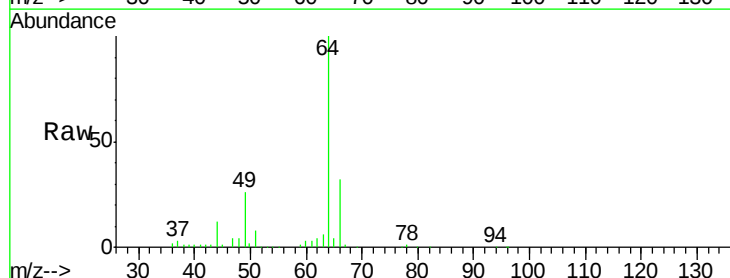
Acq: 17 Apr 2018 02:01

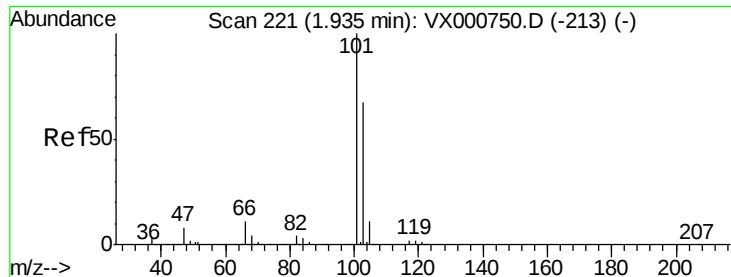
Tgt Ion: 64 Resp: 33049

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

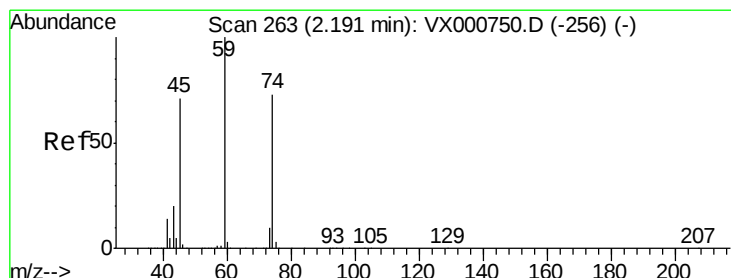
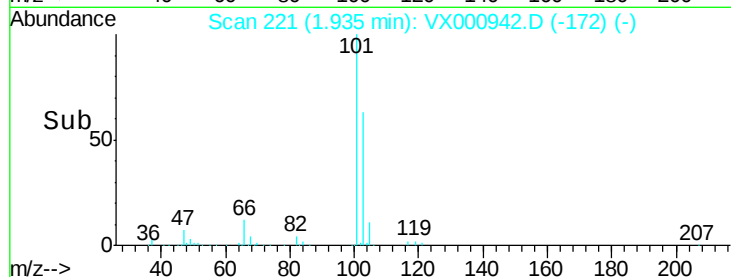
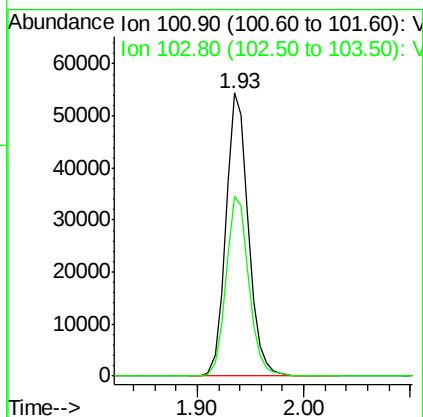
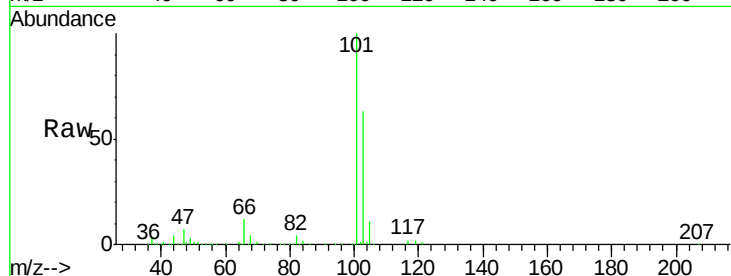
Trichlorofluoromethane
Concen: 21.18 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.2	79.8

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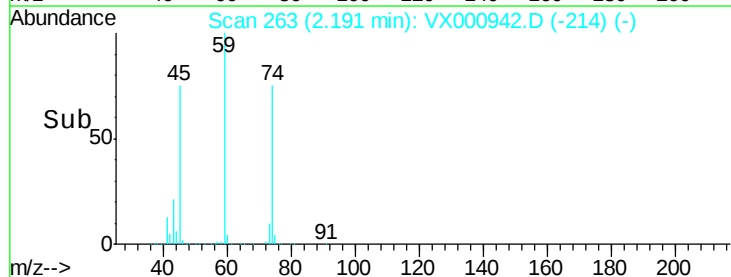
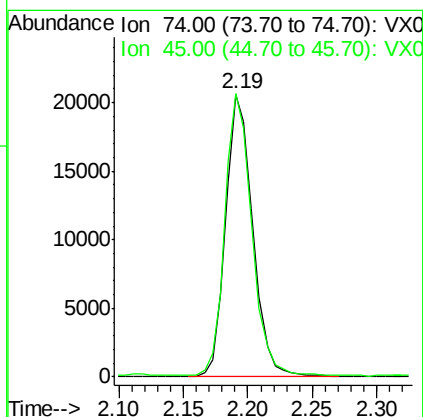
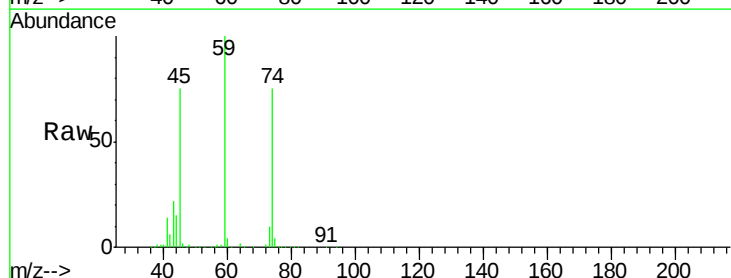
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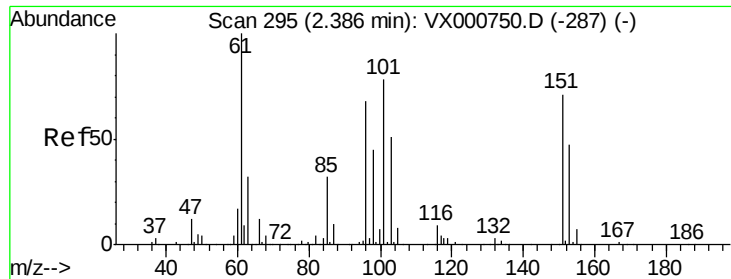


#8

Diethyl Ether
Concen: 21.53 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.63 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

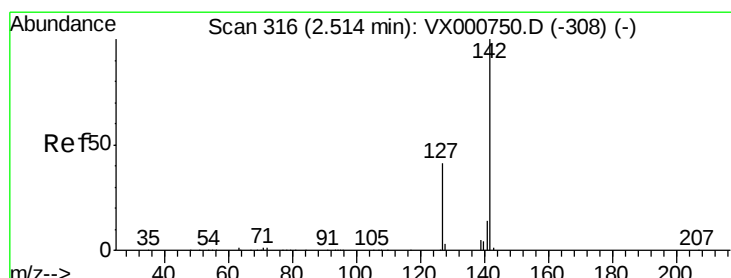
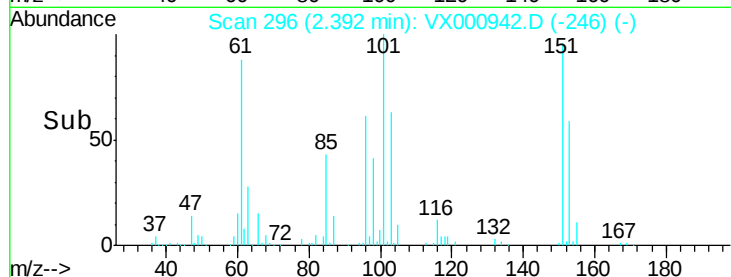
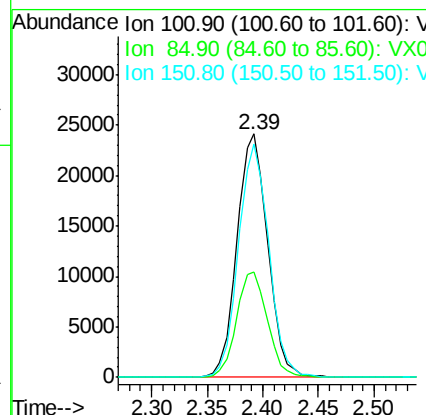
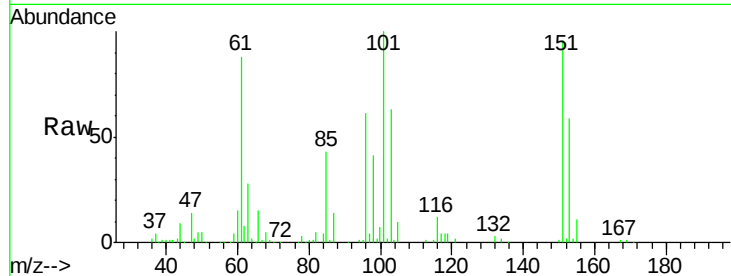
ClientSampleId :

VX0416WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.0	51.0
151	94.8	75.8	113.8

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#10

Methyl Iodide

Concen: 21.99 ug/l

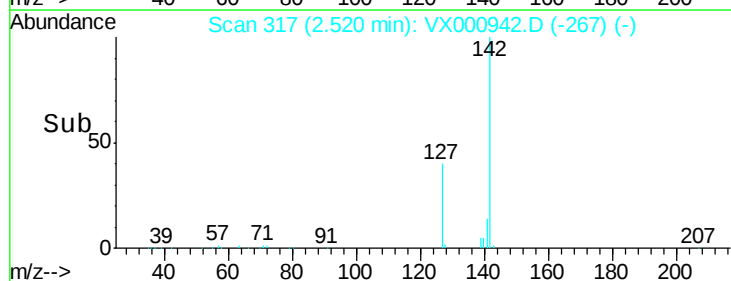
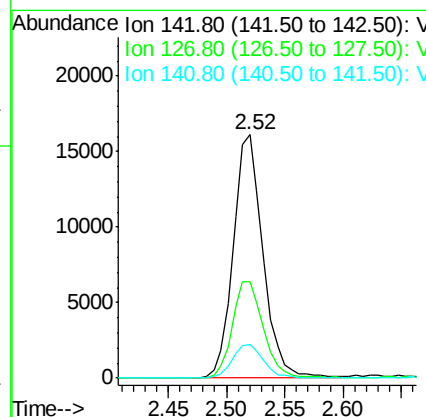
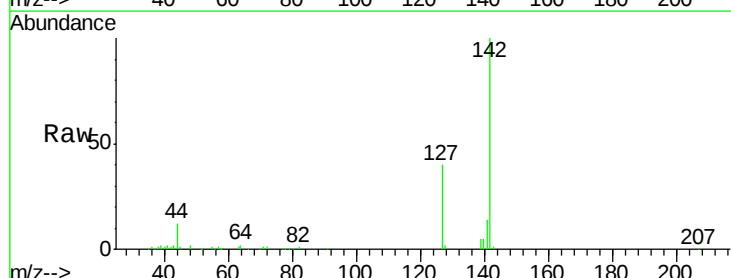
RT: 2.52 min Scan# 317

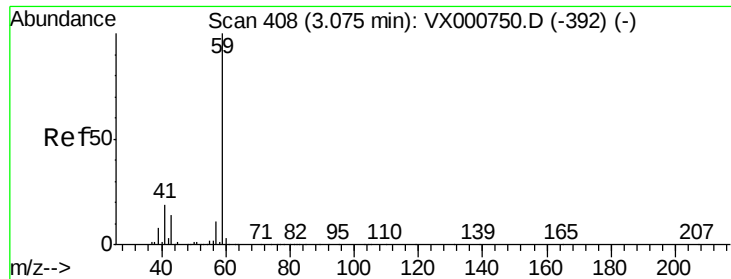
Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	32.6	49.0
141	14.4	11.5	17.3





#11

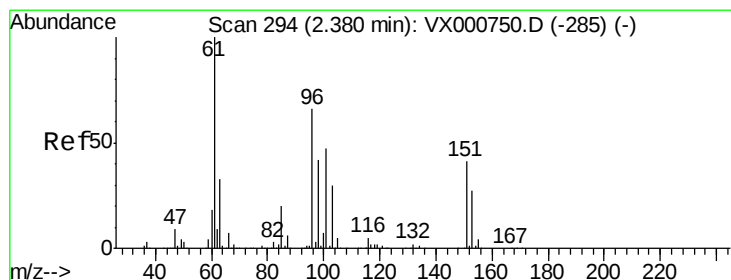
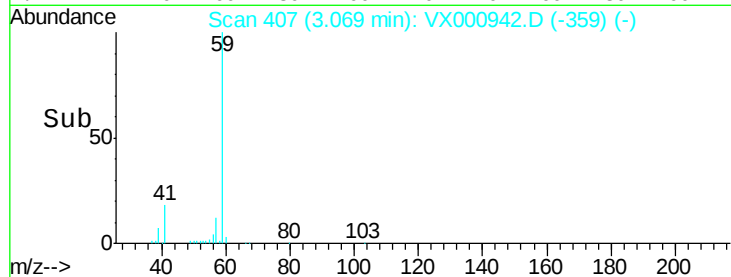
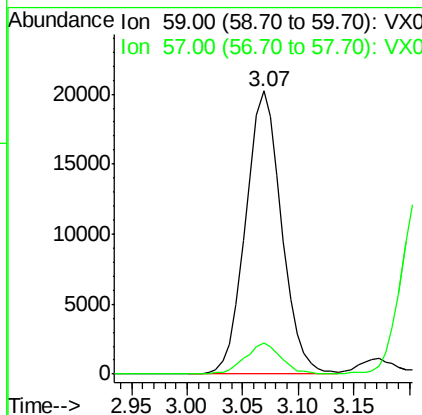
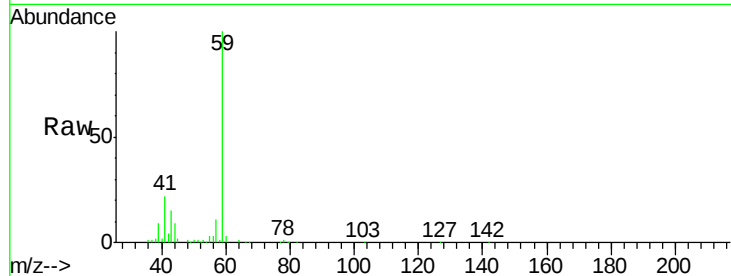
Tert butyl alcohol
Concen: 87.93 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	59	Resp	45466
Ion Ratio	100	Lower	Upper
57	11.1	8.4	12.6

Manual Integrations
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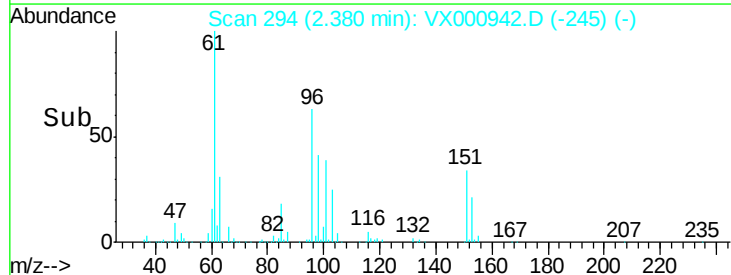
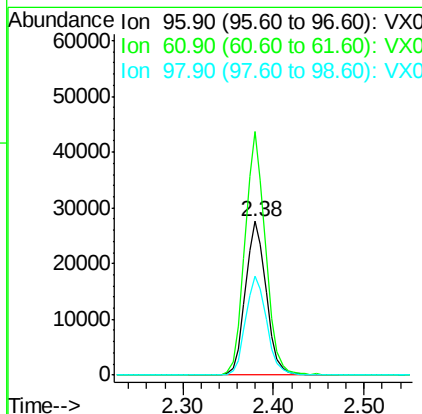
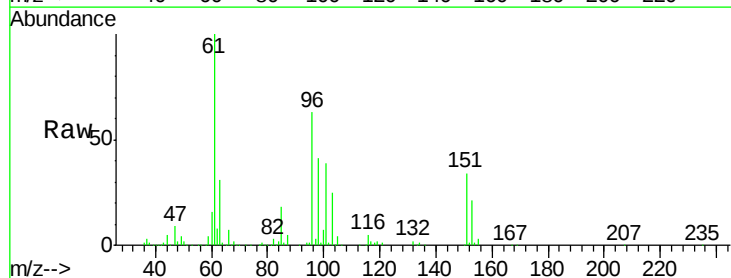
MMDadoda
4/18/2018 2:45:12 PM

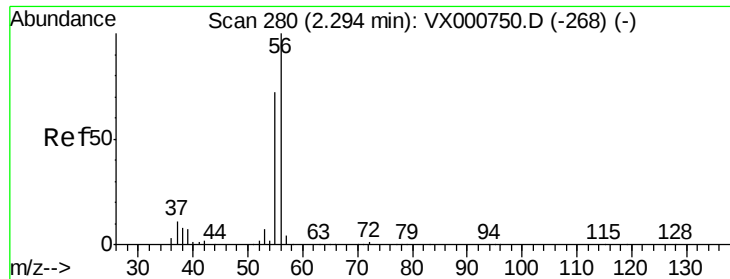


#12

1,1-Dichloroethene
Concen: 20.73 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	96	Resp	43949
Ion Ratio	100	Lower	Upper
61	158.3	120.5	180.7
98	64.2	50.9	76.3





#13

Acrolein

Concen: 40.78 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 56 Resp: 10240

Ion Ratio Lower Upper

56 100

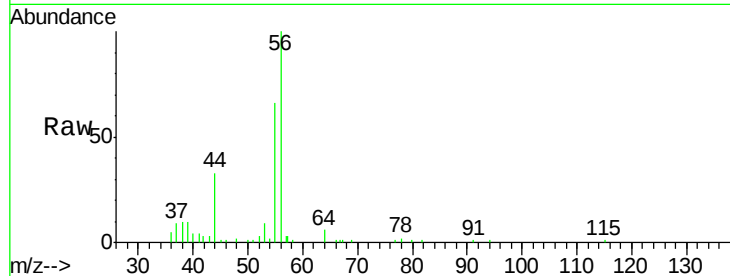
55 69.5 58.7 88.1

Manual Integrations

APPROVED

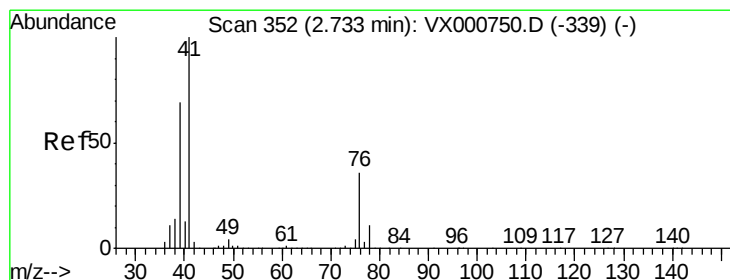
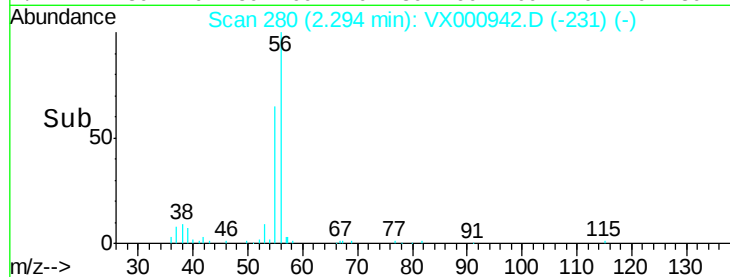
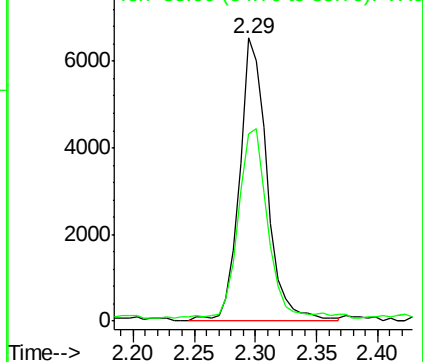
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.06 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

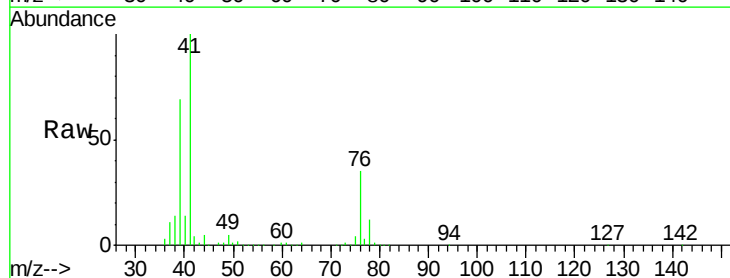
Tgt Ion: 41 Resp: 78647

Ion Ratio Lower Upper

41 100

39 65.1 51.5 77.3

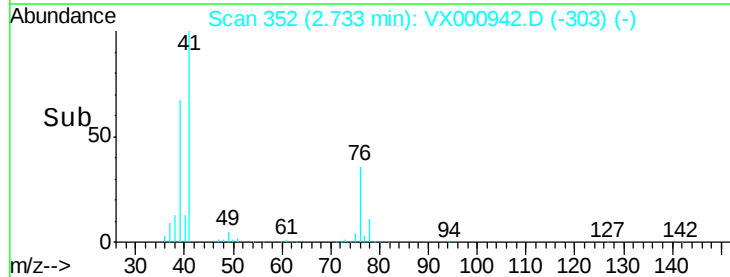
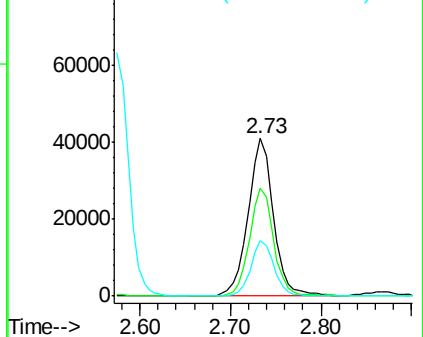
76 32.3 26.5 39.7

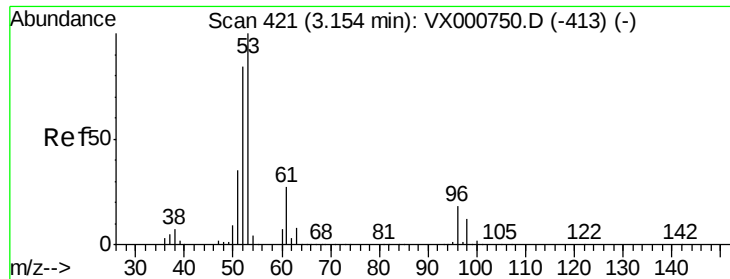


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 109.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

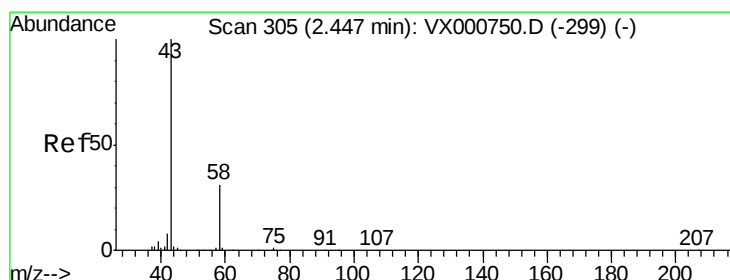
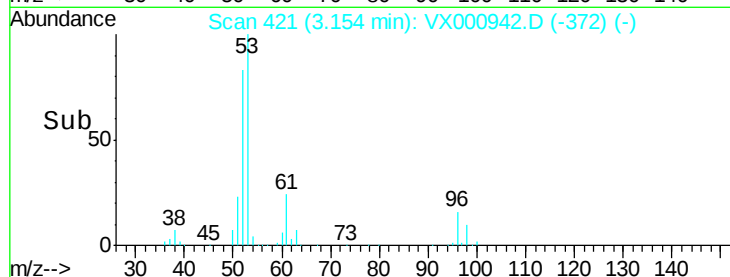
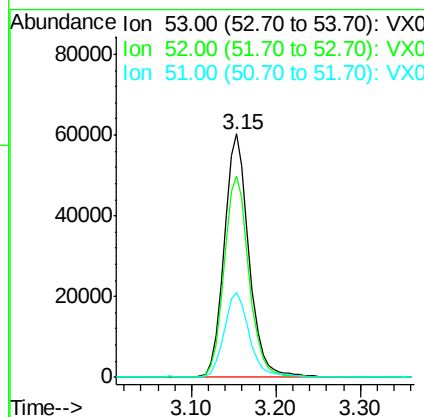
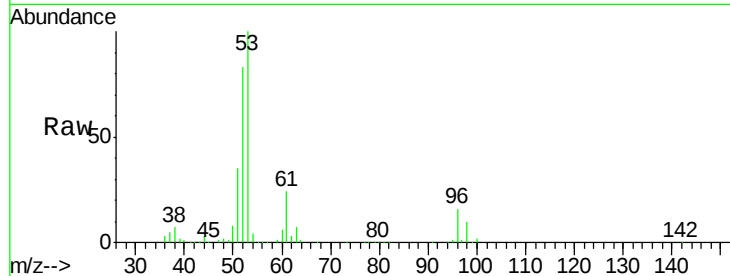
ClientSampleId :

VX0416WBS02

Tot Ion:	53	Resp:	120793
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 97.79 ug/l

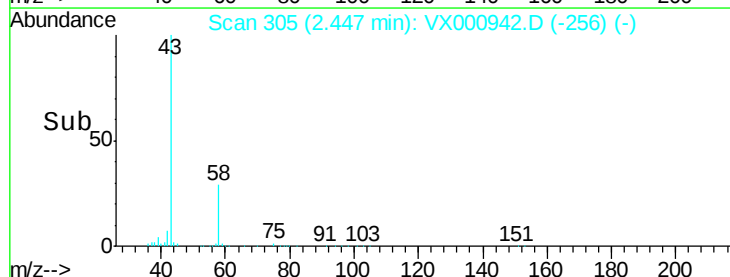
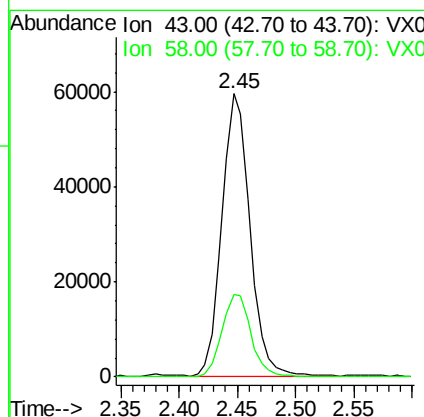
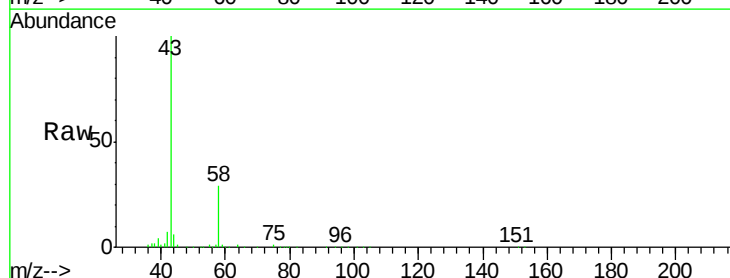
RT: 2.45 min Scan# 305

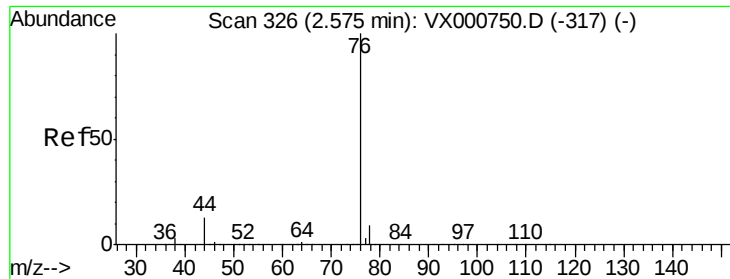
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion:	43	Resp:	98217
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.6	37.0





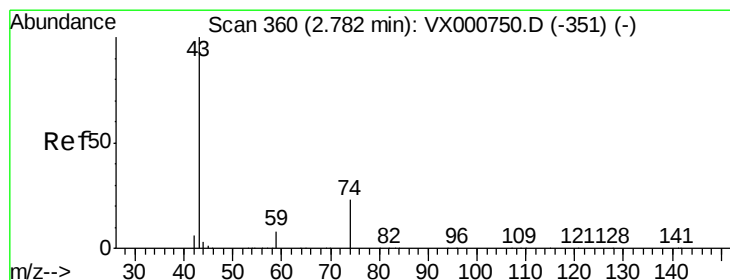
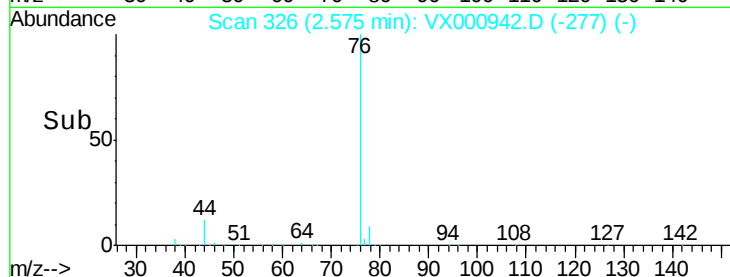
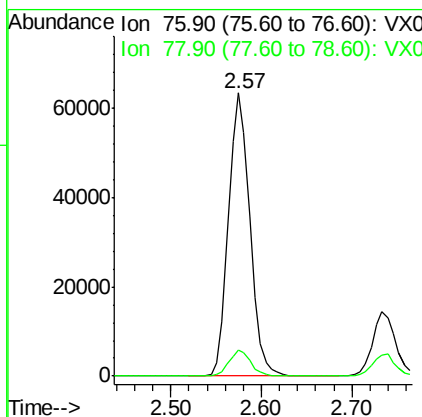
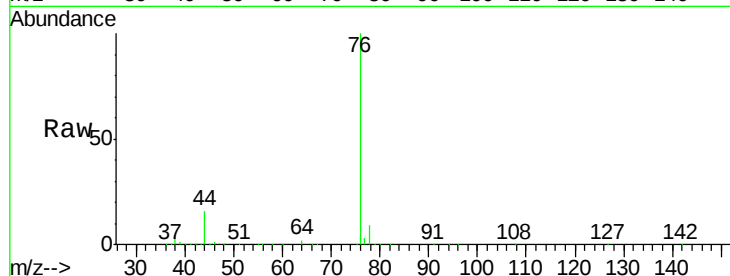
#17
Carbon Disulfide
Concen: 16.22 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

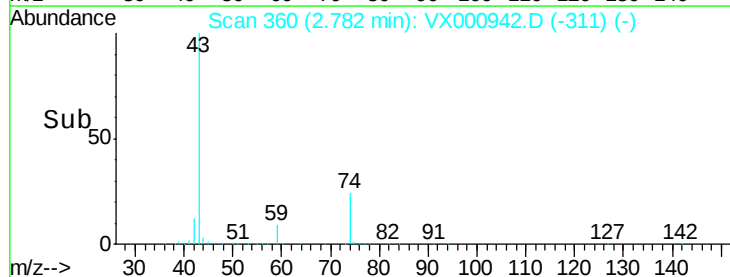
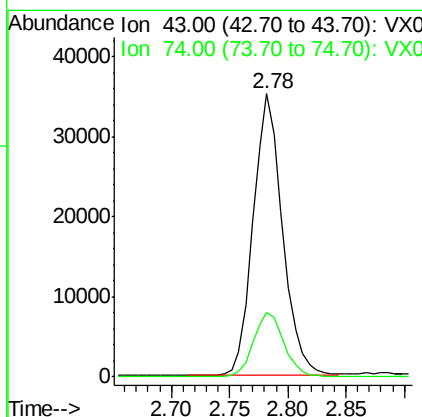
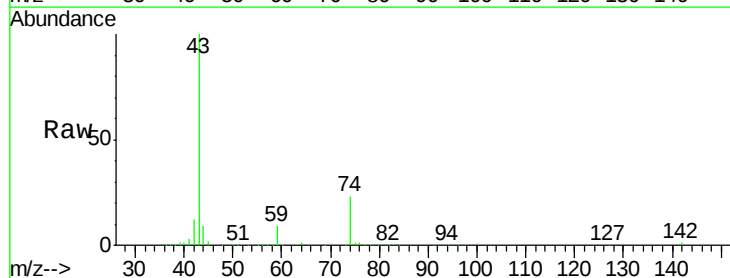
Manual Integrations
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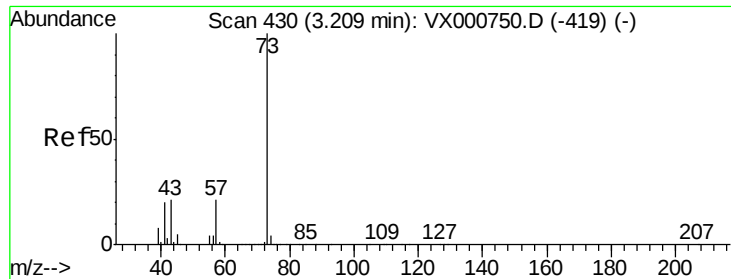
MMDadoda
4/18/2018 2:45:12 PM



#18
Methyl Acetate
Concen: 23.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





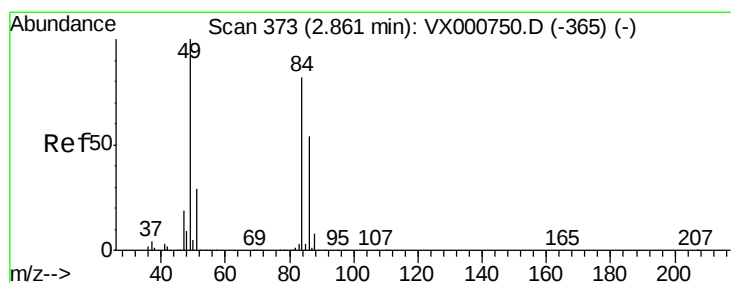
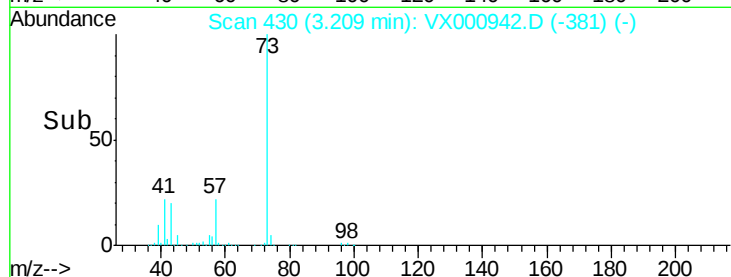
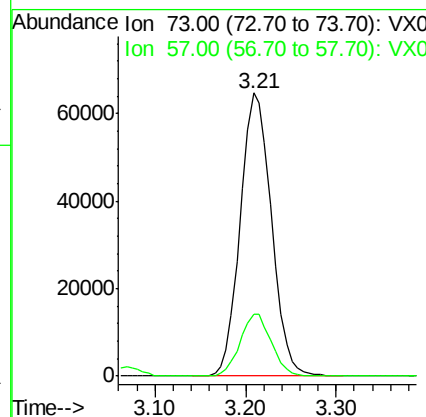
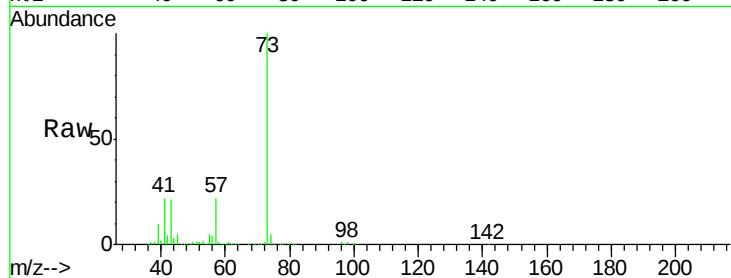
#19
Methvl tert-butvl Ether
Concen: 21.91 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.9	25.3

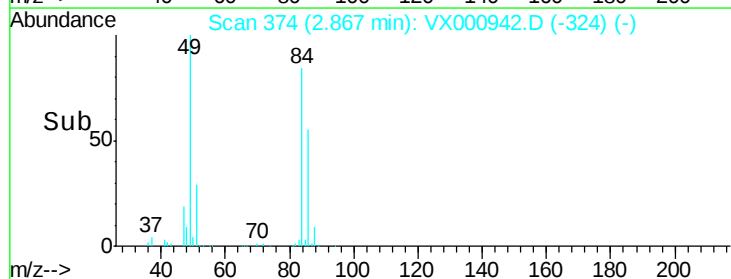
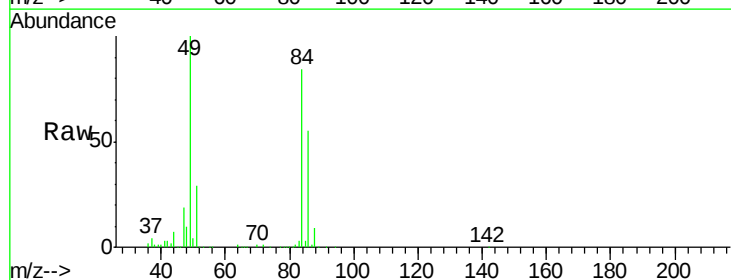
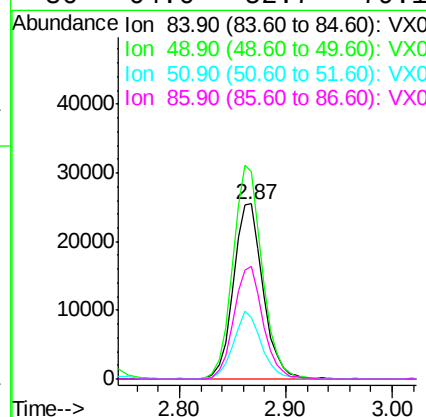
Manual Integrations
APPROVED

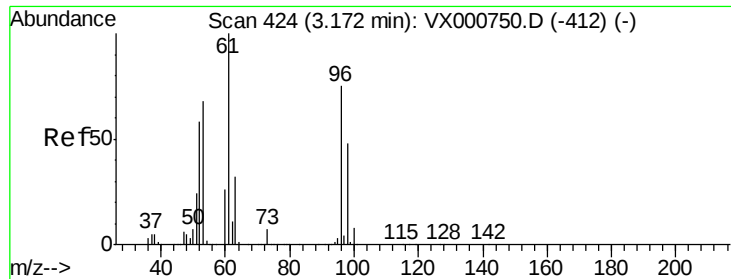
MMDadoda
4/18/2018 2:45:12 PM



#20
Methylene Chloride
Concen: 21.30 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.4	98.1	147.1
51	34.5	28.9	43.3
86	64.6	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.62 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 96 Resp: 48196

Ion Ratio Lower Upper

96 100

61 137.7 106.2 159.2

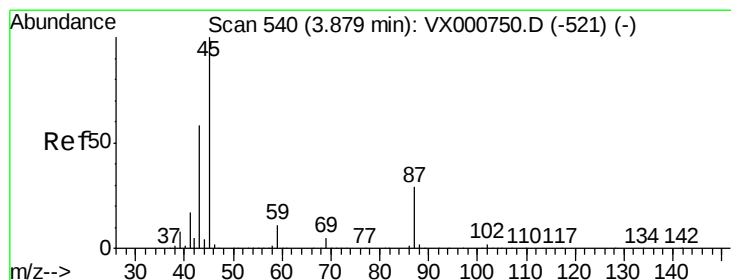
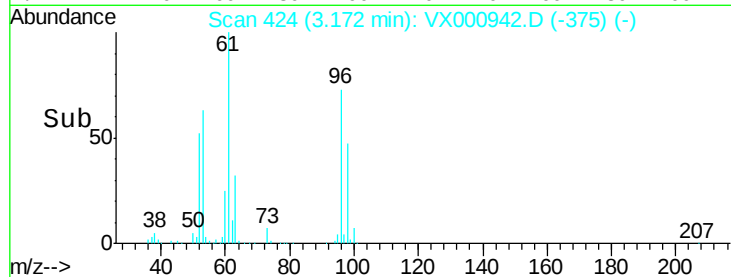
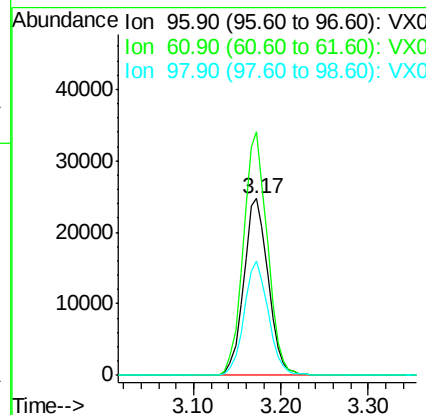
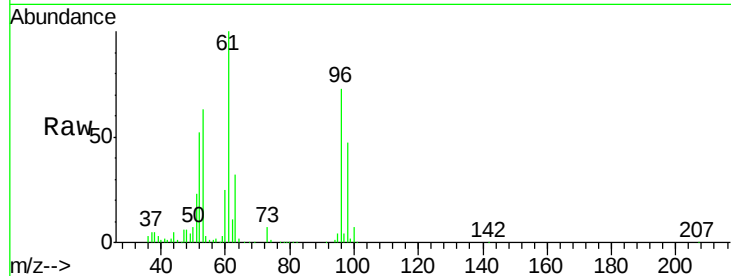
98 65.0 51.2 76.8

Manual Integrations

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4/18/2018 2:45:12 PM



#22

Diisopropyl ether

Concen: 22.52 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion: 45 Resp: 162210

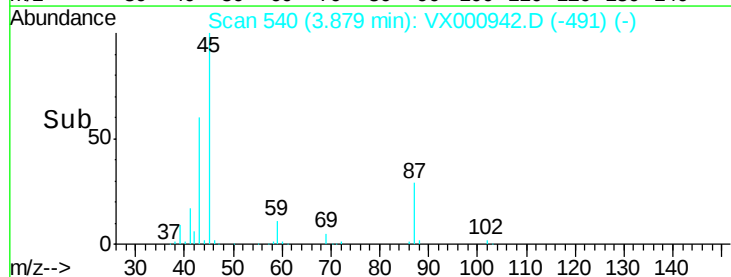
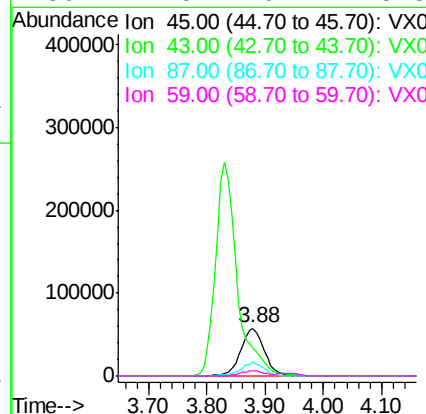
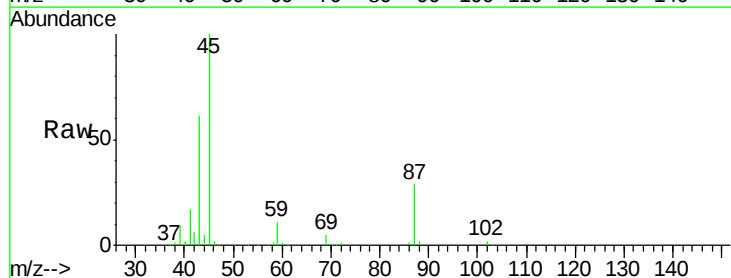
Ion Ratio Lower Upper

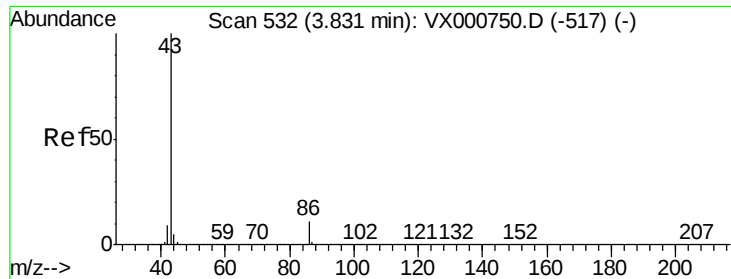
45 100

43 60.0 46.6 69.8

87 28.5 22.9 34.3

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 105.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 43 Resp: 667366

Ion Ratio Lower Upper

43 100

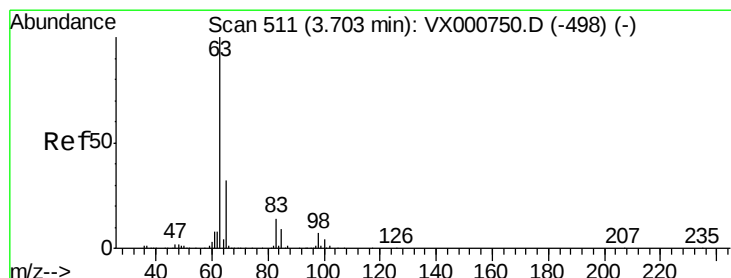
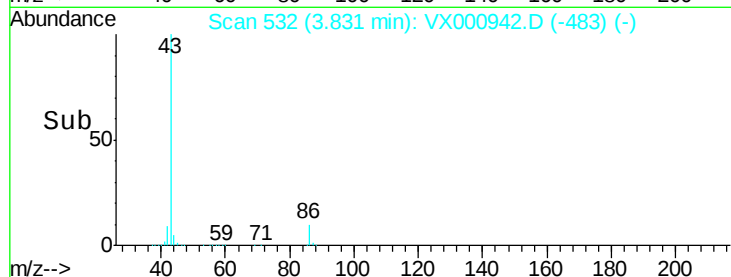
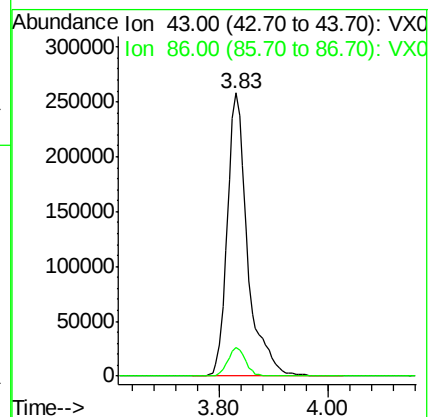
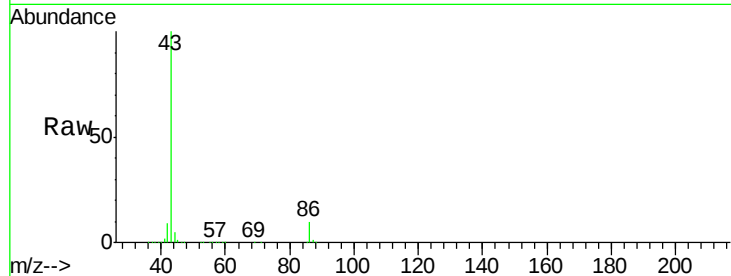
86 10.2 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

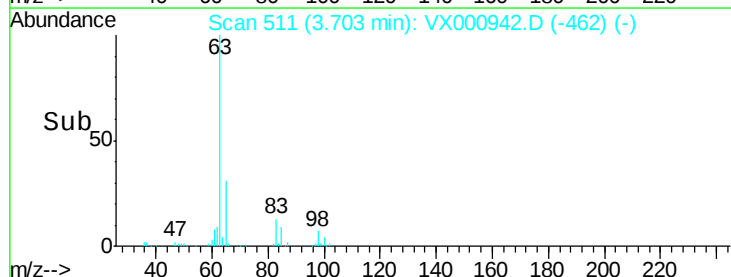
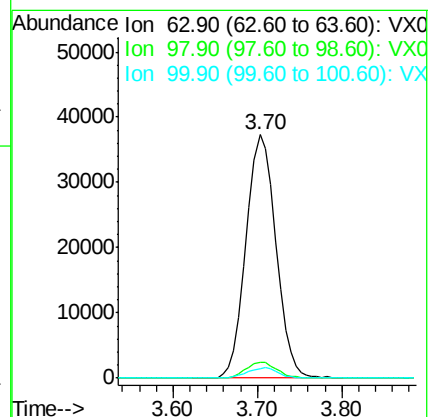
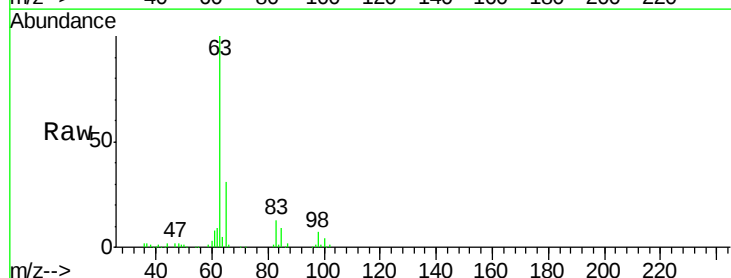
Tgt Ion: 63 Resp: 89702

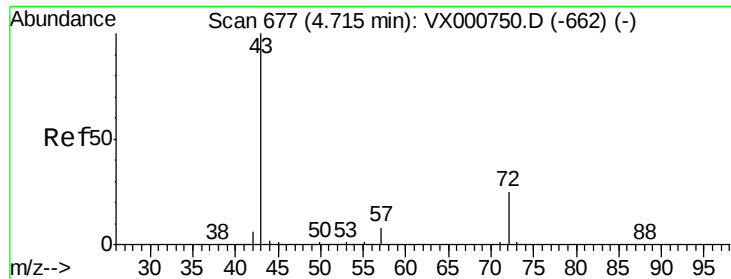
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 101.83 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tot Ion: 43 Resp: 168893

Ion Ratio Lower Upper

43 100

72 25.6 20.3 30.5

Instrument :

MSVOA_X

ClientSampleId :

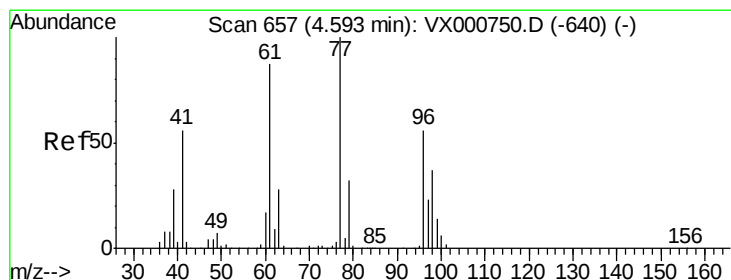
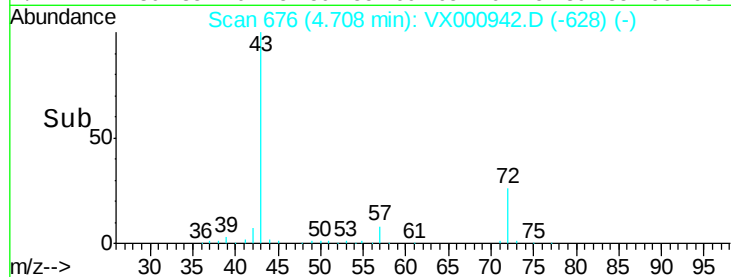
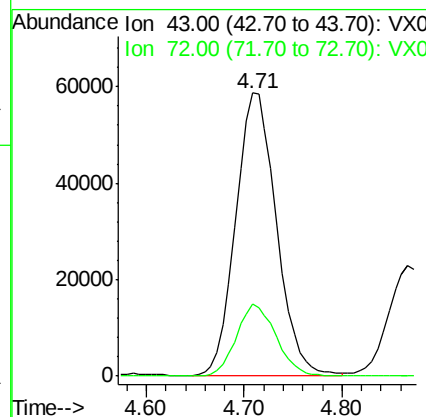
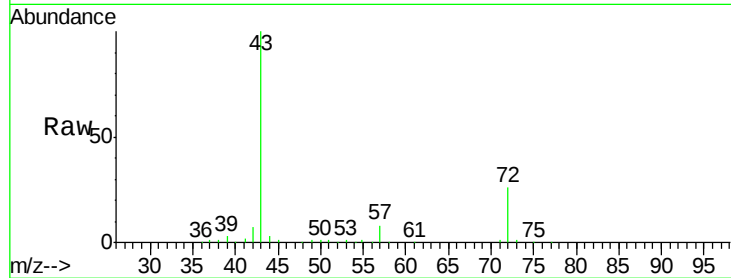
VX0416WBS02

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 15.71 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000942.D

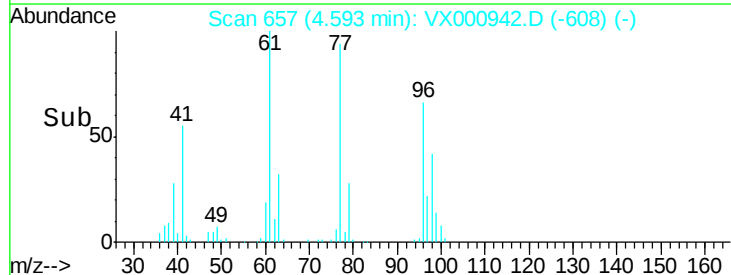
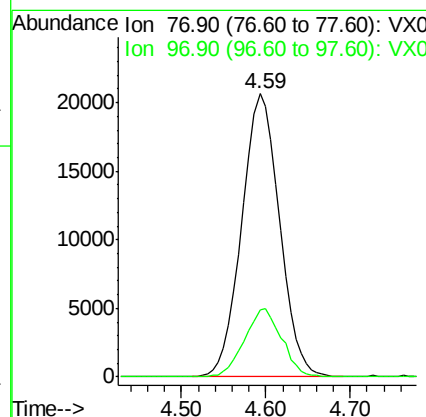
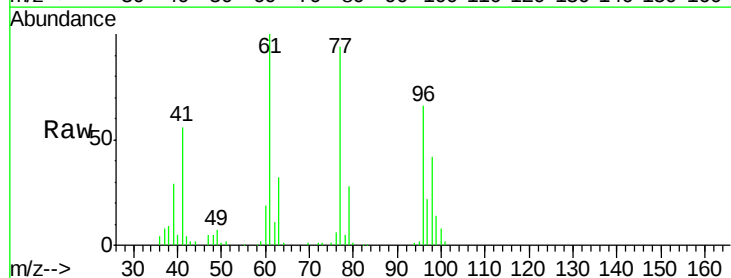
Acq: 17 Apr 2018 02:01

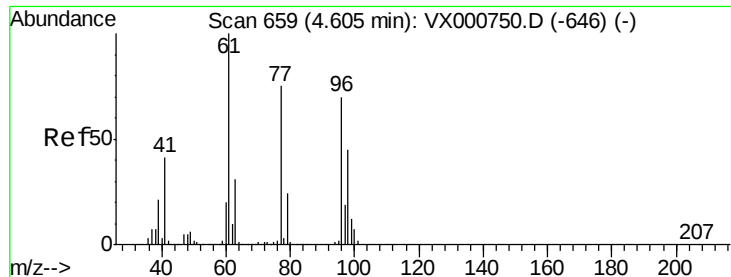
Tgt Ion: 77 Resp: 63032

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

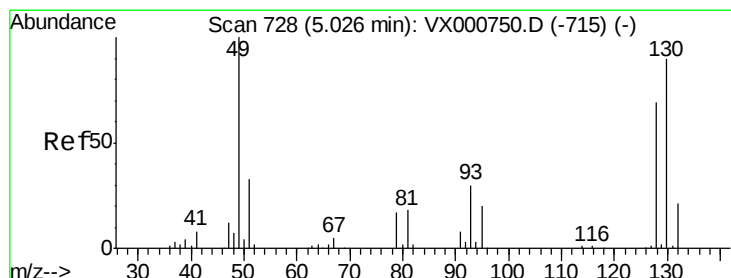
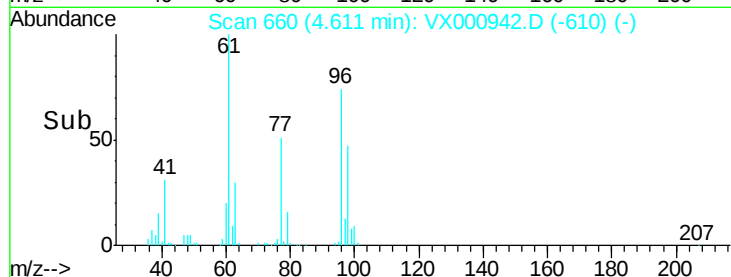
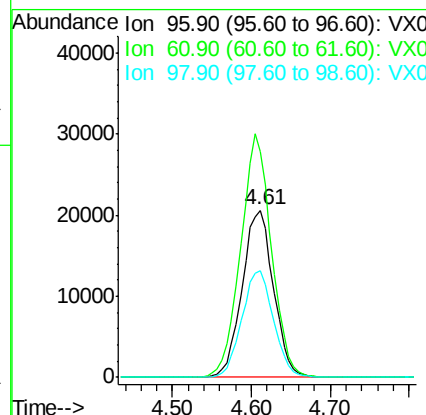
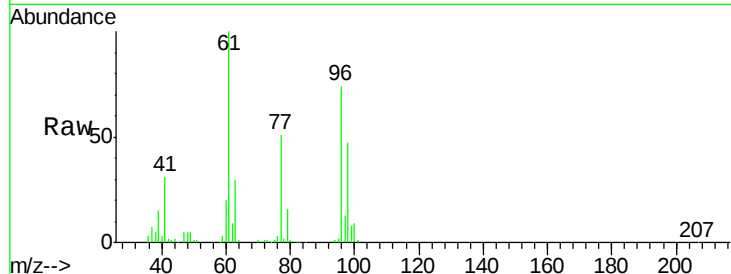
cis-1,2-Dichloroethene
 Concen: 21.44 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	292.4
98	64.6	0.0	130.2

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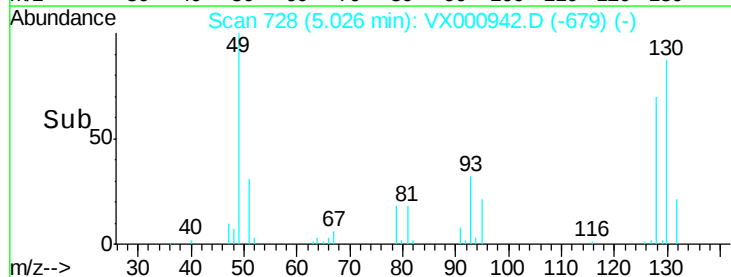
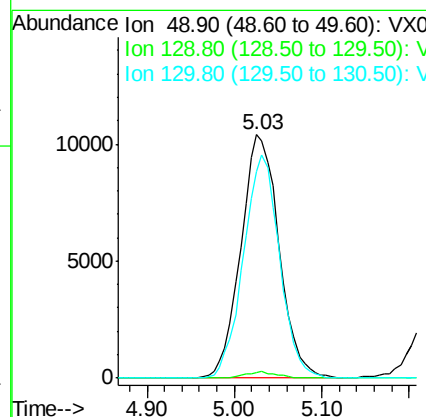
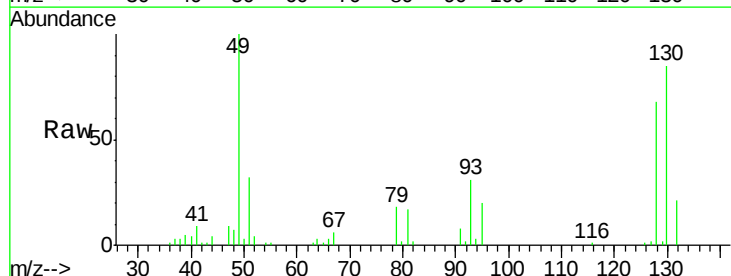
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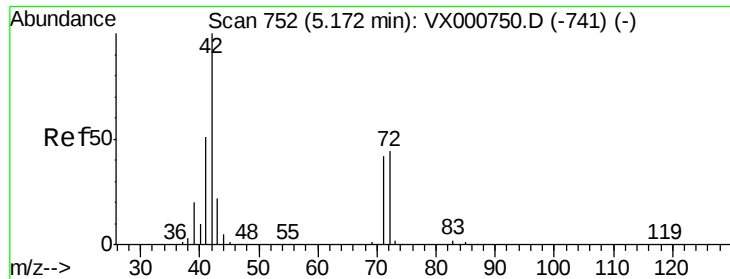


#28

Bromochloromethane
 Concen: 19.40 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.2
130	86.5	72.6	109.0





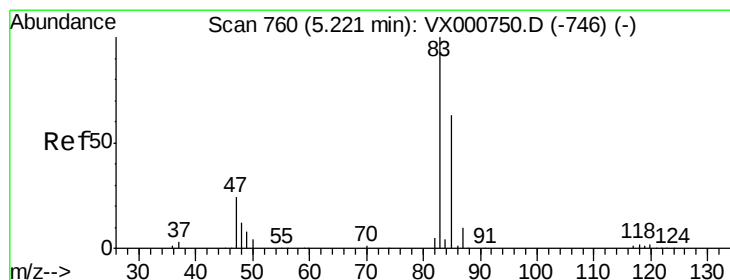
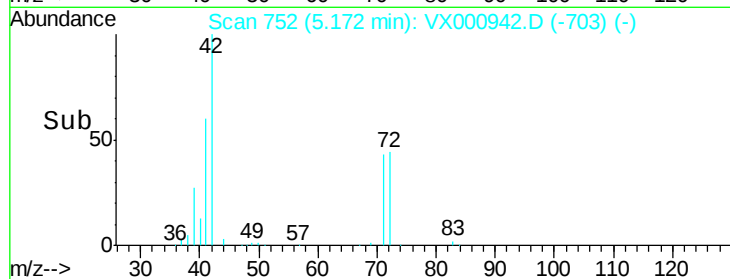
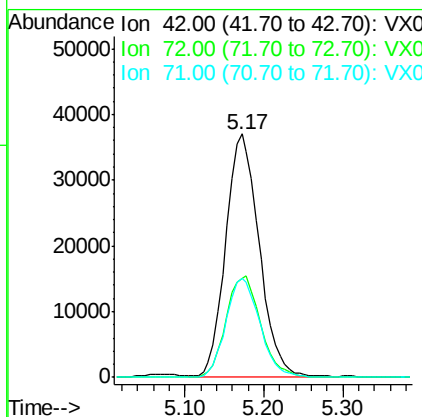
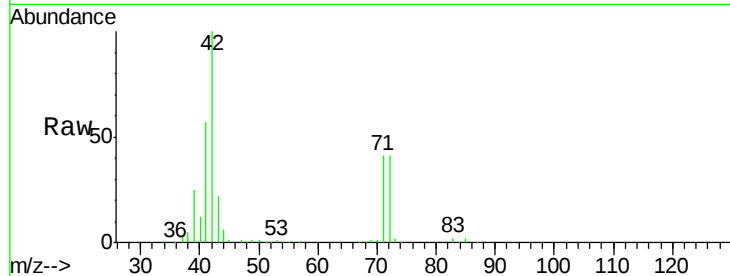
#29
Tetrahydrofuran
Concen: 103.31 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.1	52.7
71	41.4	32.8	49.2

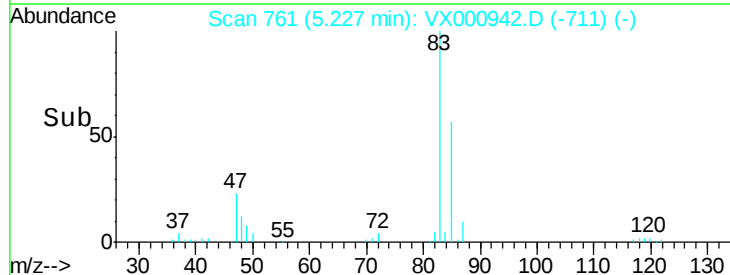
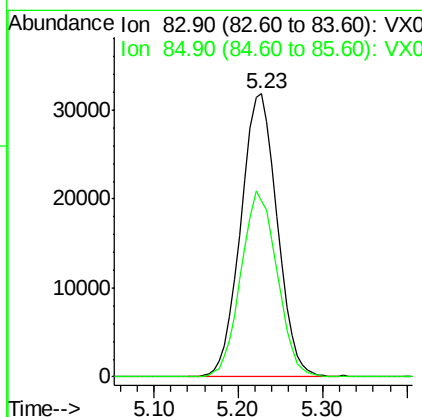
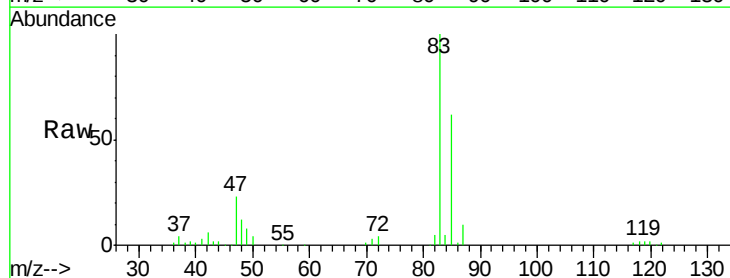
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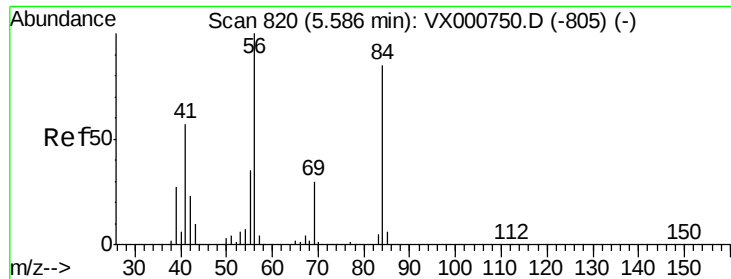
MMDadoda
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#30
Chloroform
Concen: 21.80 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.7	76.1





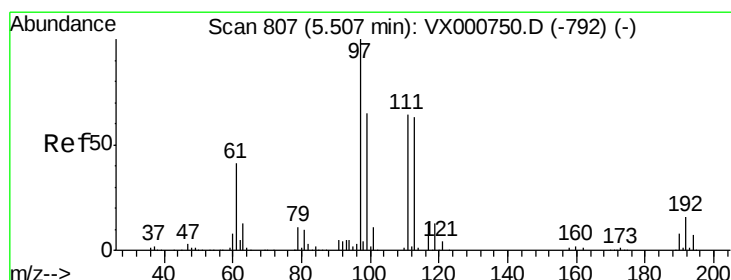
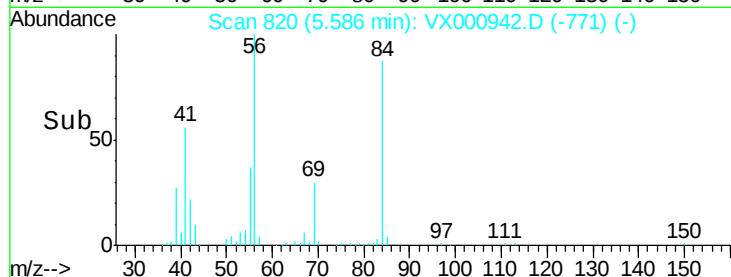
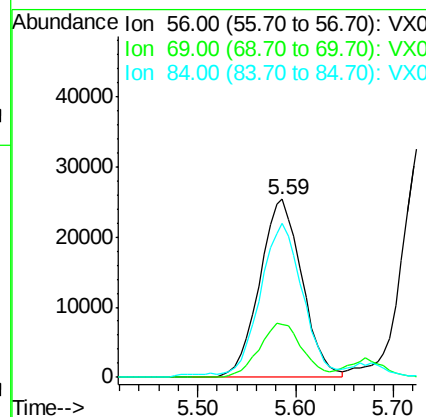
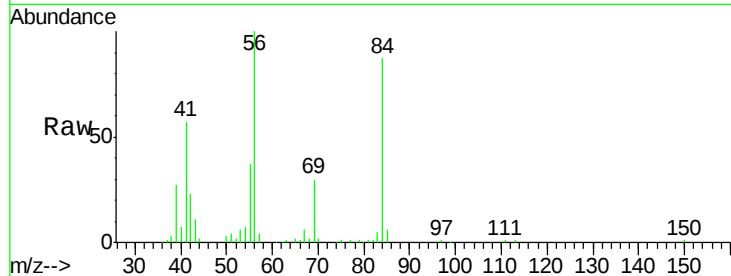
#31
Cyclohexane
Concen: 20.04 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.2	36.4
84	85.3	67.6	101.4

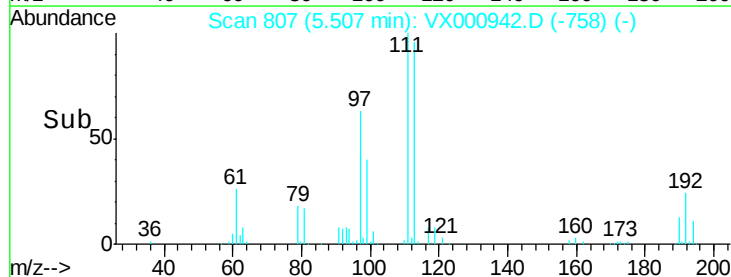
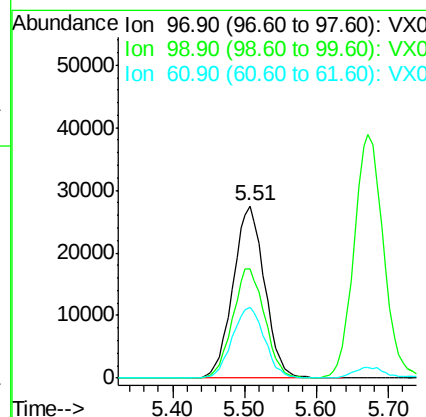
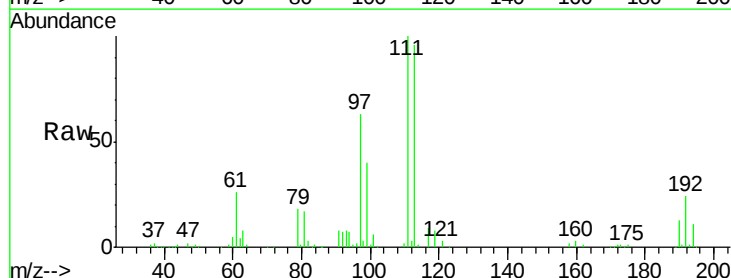
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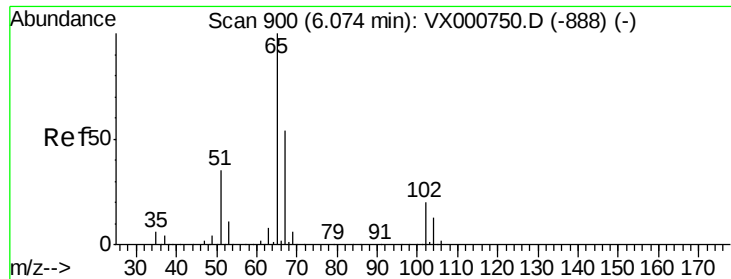
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#32
1,1,1-Trichloroethane
Concen: 20.49 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.3	33.7	50.5





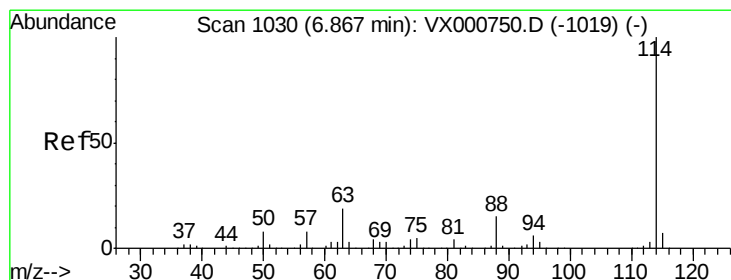
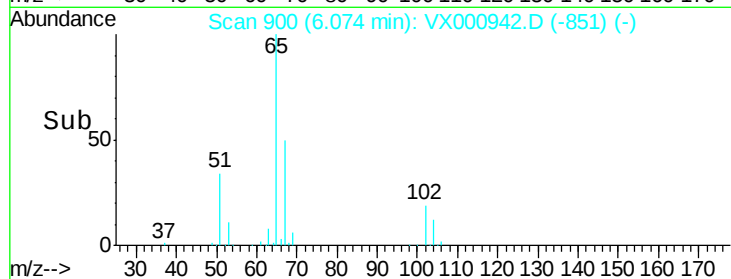
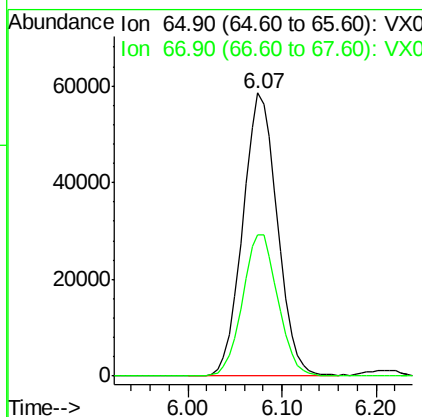
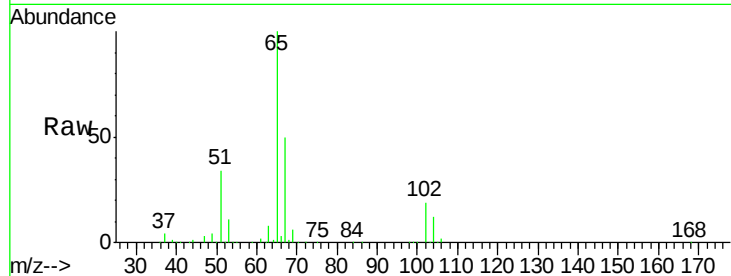
#33
 1,2-Dichloroethane-d4
 Concen: 51.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.8

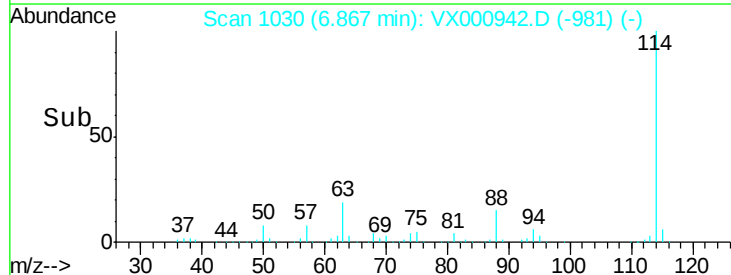
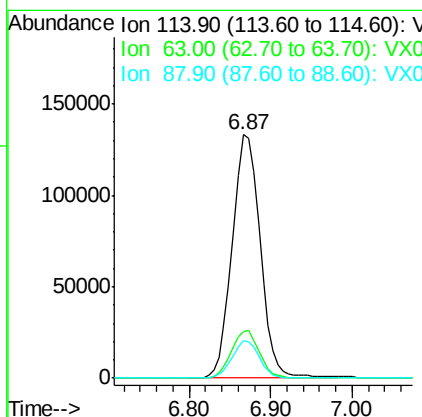
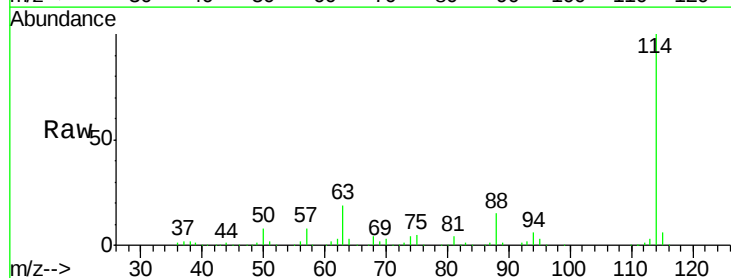
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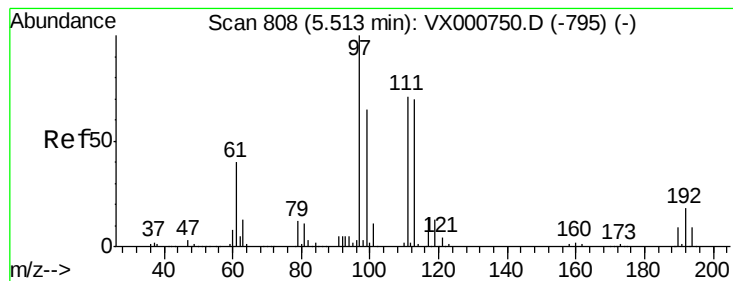
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	15.2	0.0	31.0





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

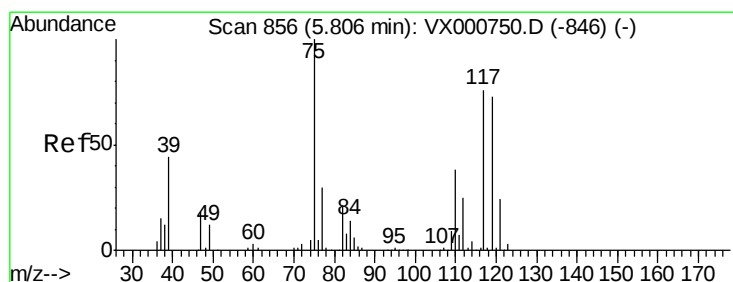
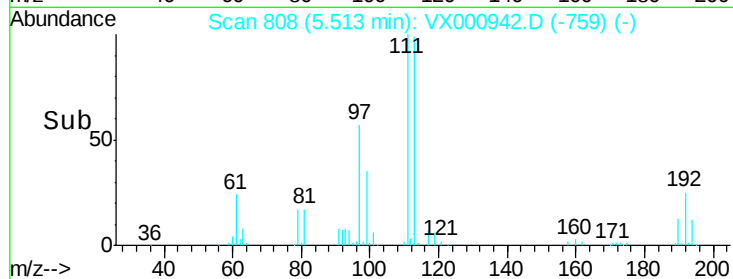
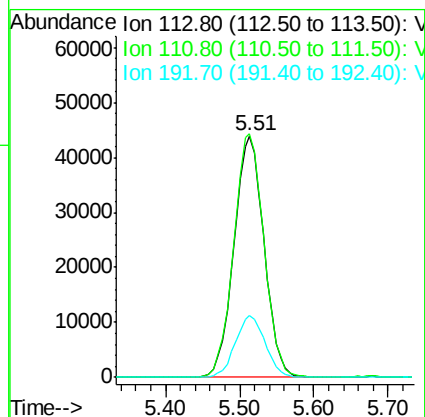
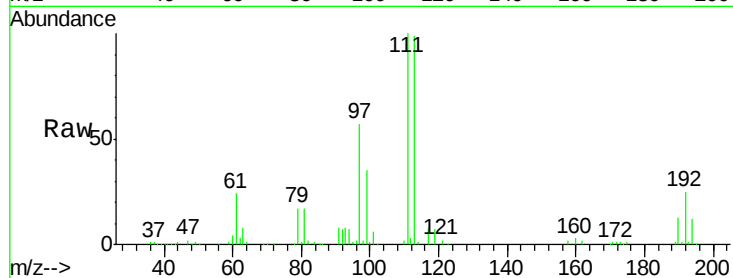
ClientSampleId :

VX0416WBS02

Tot Ion:	113	Resp:	123888
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	25.3	20.4	30.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.64 ug/l

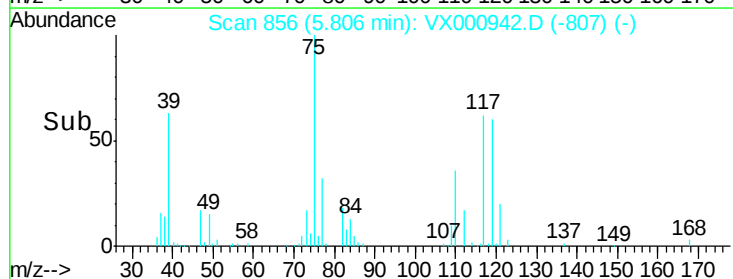
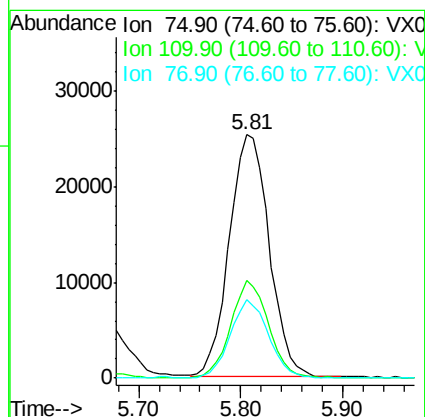
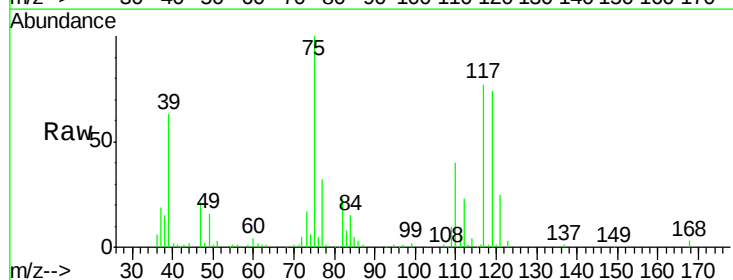
RT: 5.81 min Scan# 856

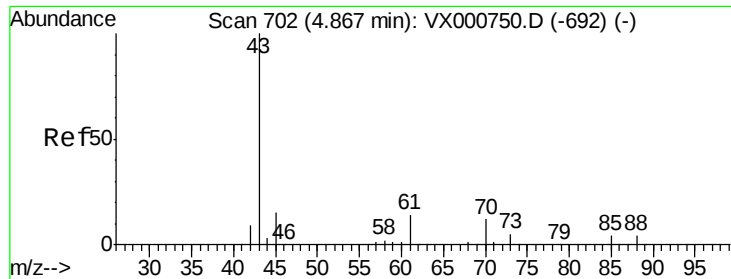
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion:	75	Resp:	68653
Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.2	57.6
77	31.3	25.4	38.2





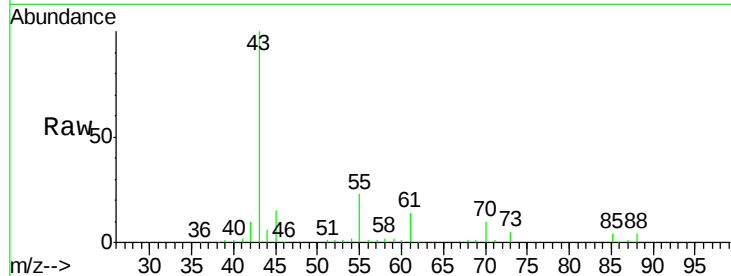
#37
Ethyl Acetate
Concen: 20.00 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

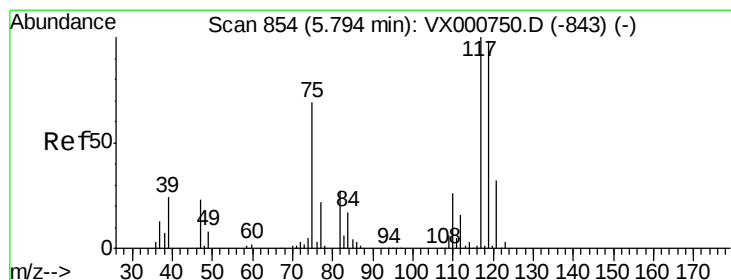
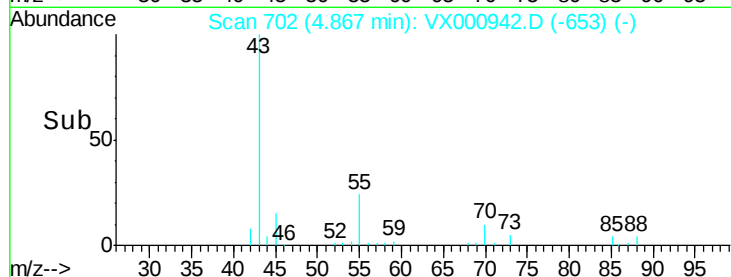
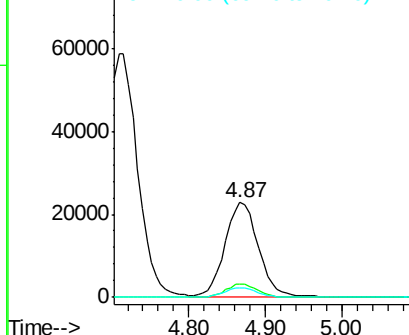
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.5	8.7	13.1

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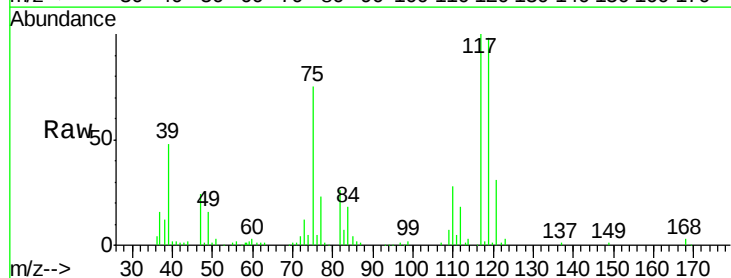


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

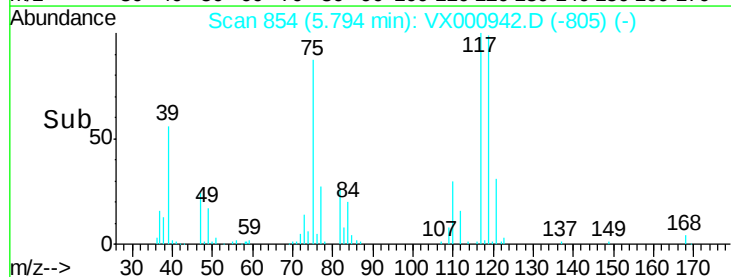
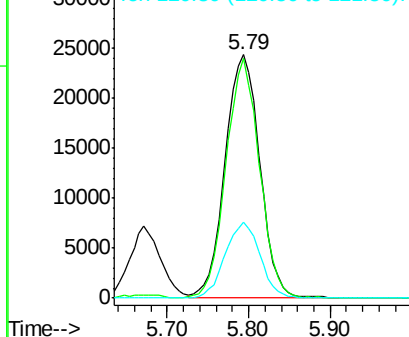


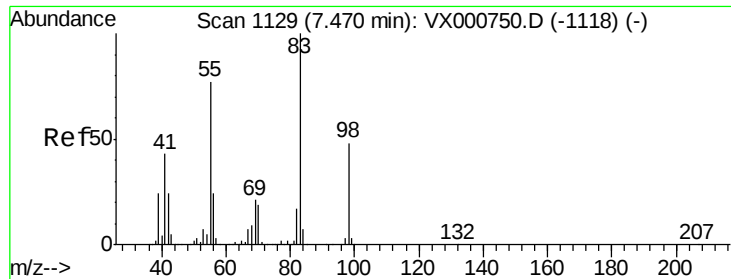
#38
Carbon Tetrachloride
Concen: 18.39 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.4	117.6
121	31.1	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





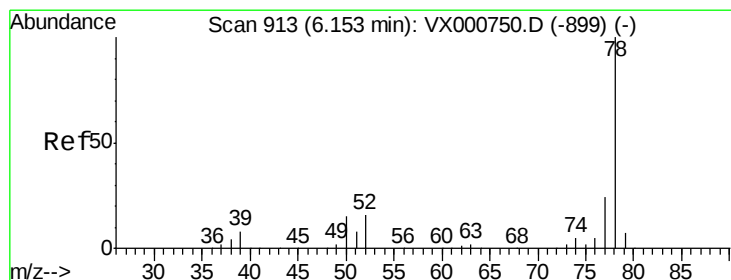
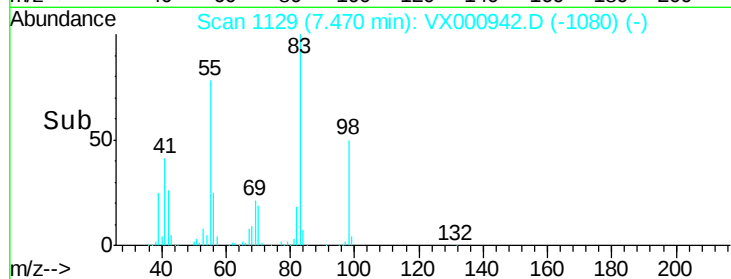
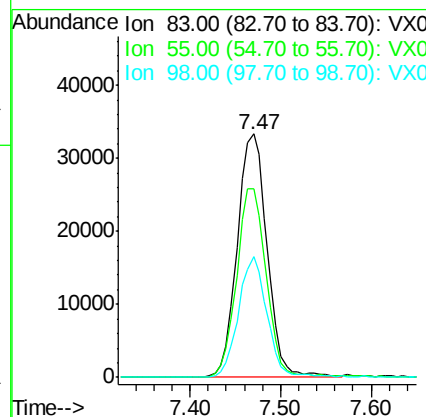
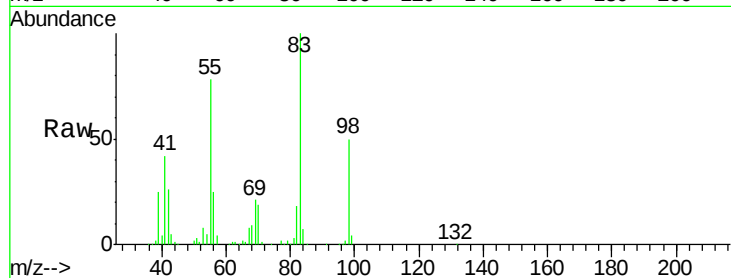
#39
Methvlcvclohexane
Concen: 18.16 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.5	92.3
98	49.7	38.1	57.1

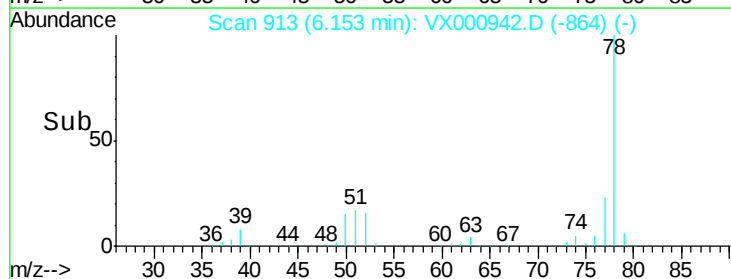
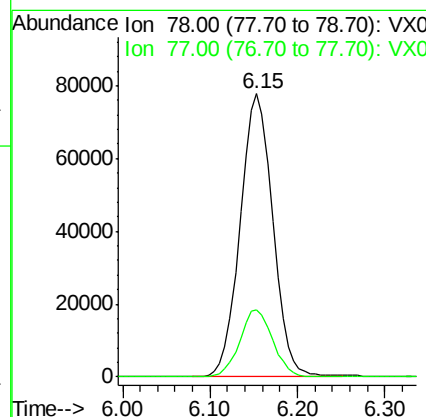
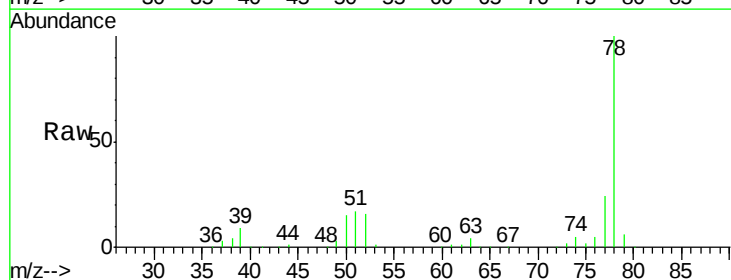
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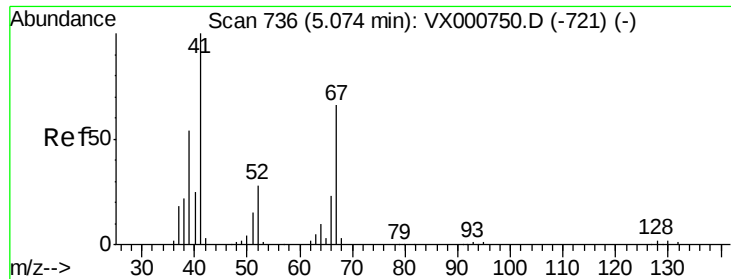
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#40
Benzene
Concen: 20.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





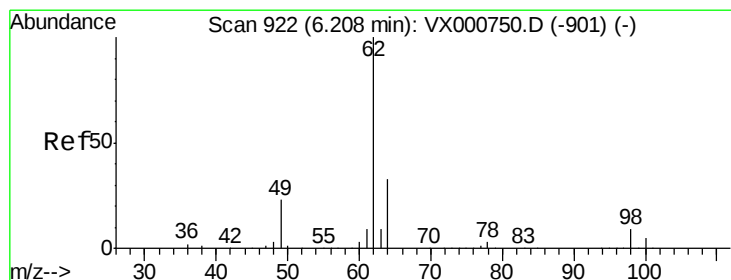
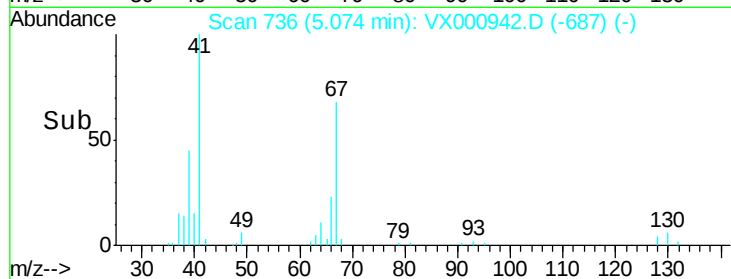
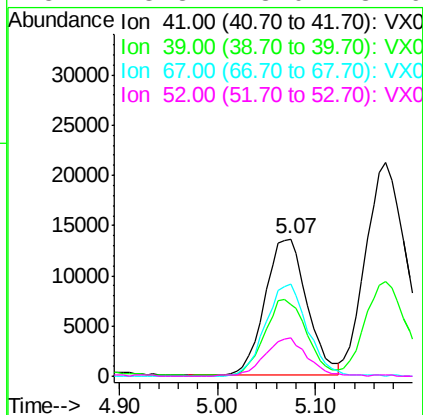
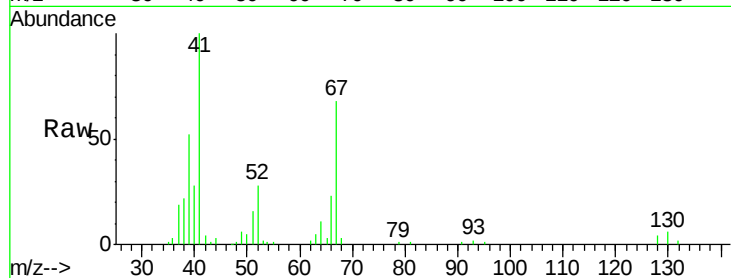
#41
Methacrylonitrile
Concen: 20.85 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.9	67.3	
67	66.9	54.7	82.1	
52	28.3	23.0	34.6	

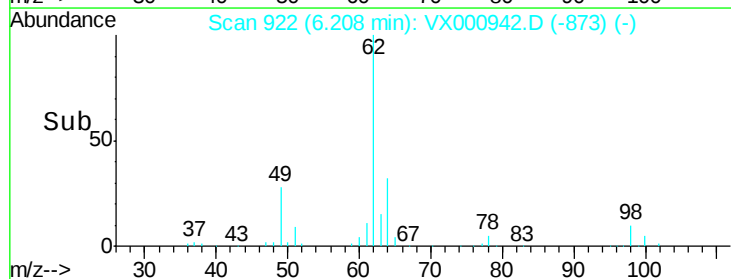
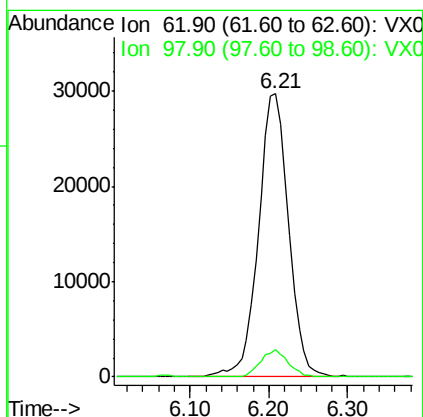
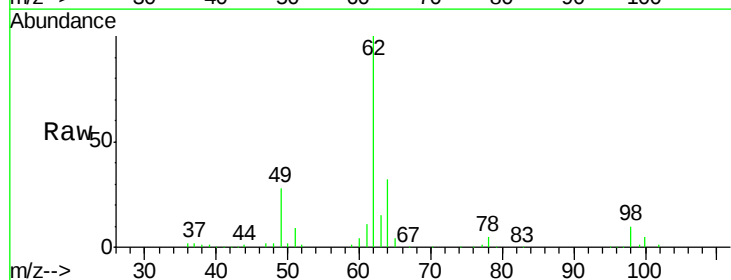
Manual Integrations
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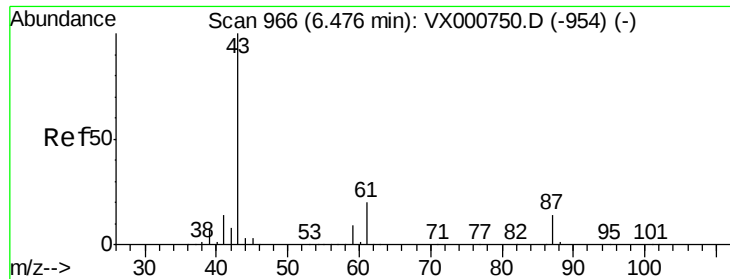
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#42
1,2-Dichloroethane
Concen: 21.72 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.6	





#43

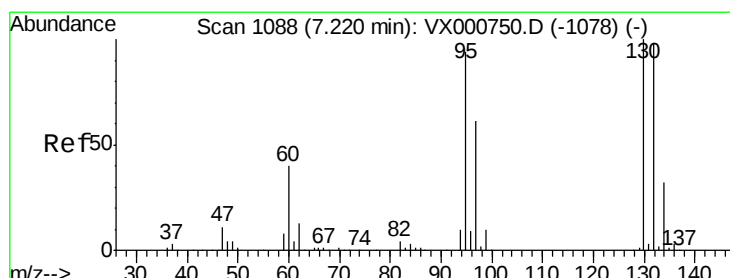
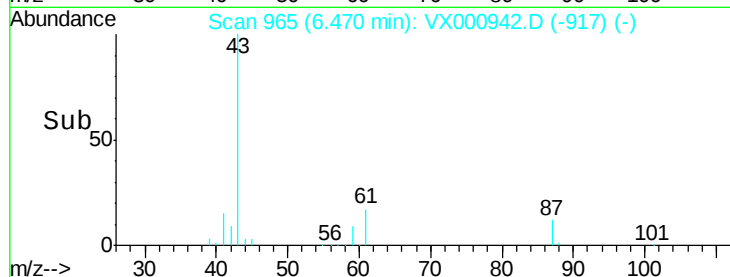
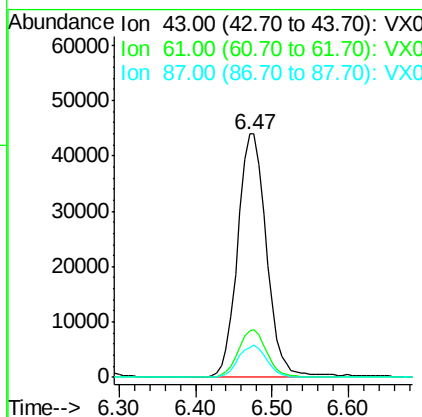
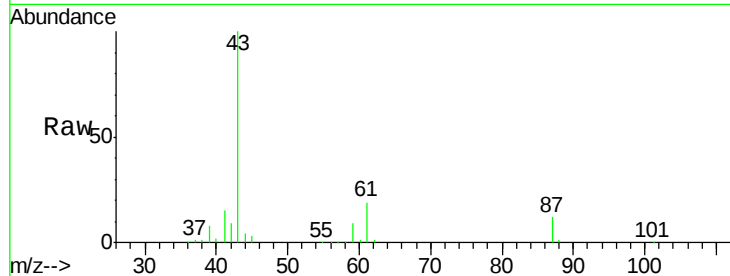
Isopropyl Acetate
 Concen: 19.57 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	43	61	87
Resp	114492		
Ratio	100	19.5	13.2
Lower		15.6	10.7
Upper		23.4	16.1

Manual Integrations
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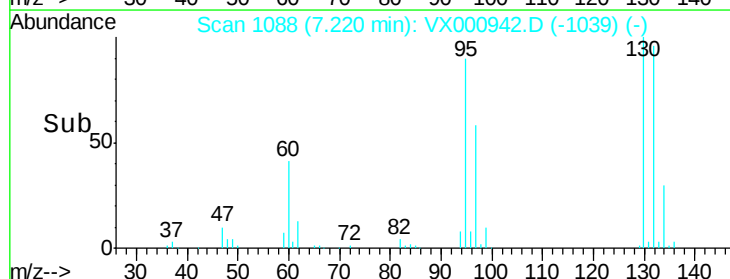
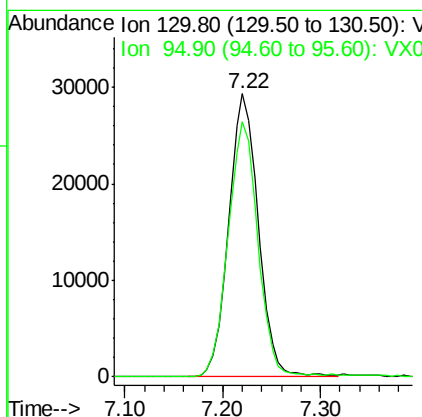
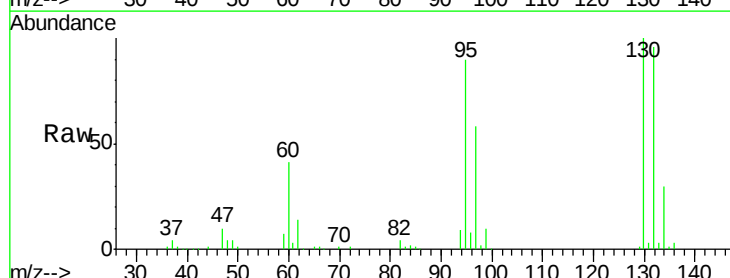
MMDadoda
 4/18/2018 2:45:12 PM

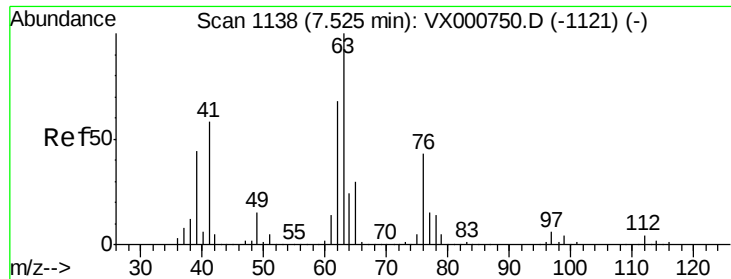


#44

Trichloroethene
 Concen: 20.45 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	130	95
Resp	61771	
Ratio	100	90.3
Lower		0.0
Upper		187.0





#45

1,2-Dichloropropane

Concen: 21.10 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 63 Resp: 52188

Ion Ratio Lower Upper

63 100

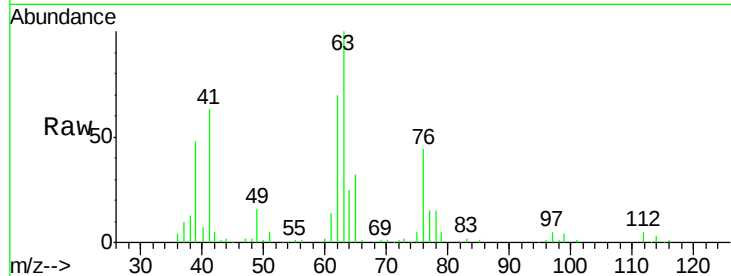
65 32.4 23.7 35.5

Manual Integrations

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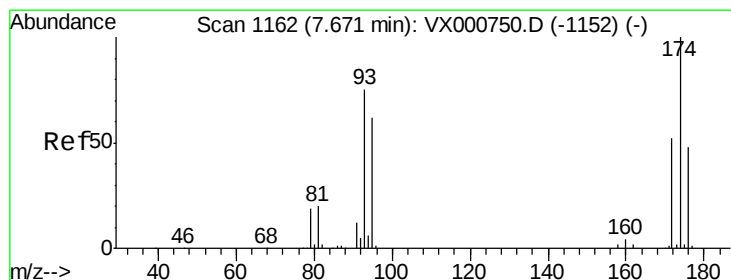
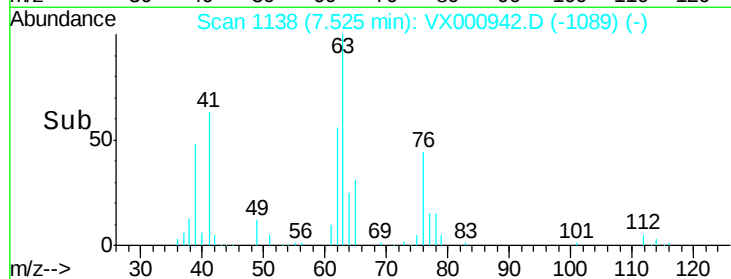
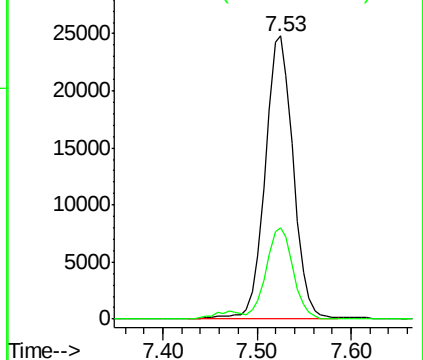
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.80 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

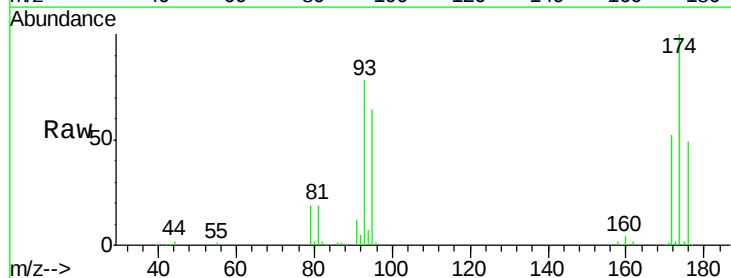
Tgt Ion: 93 Resp: 35872

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

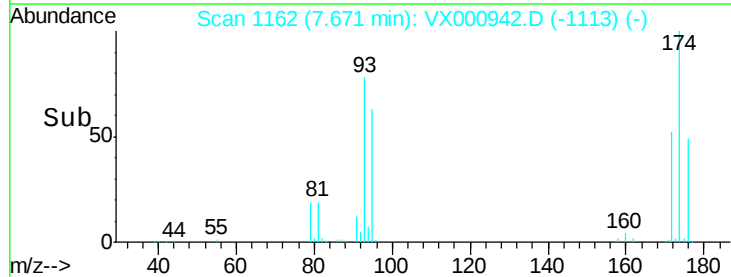
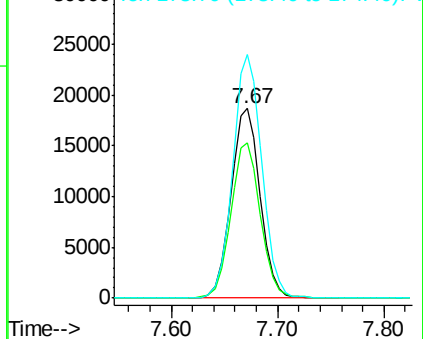
174 127.9 104.5 156.7

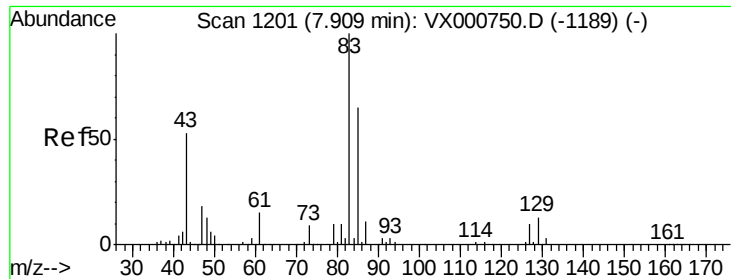


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





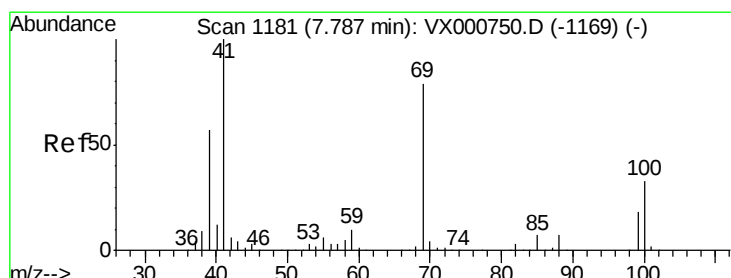
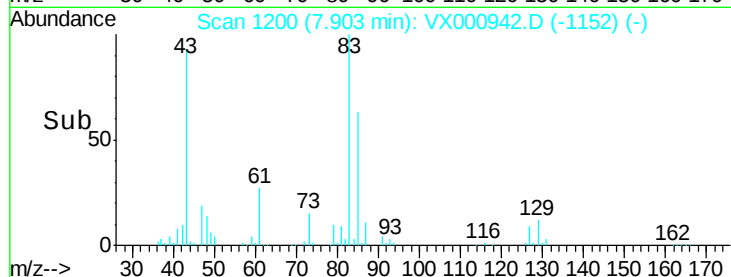
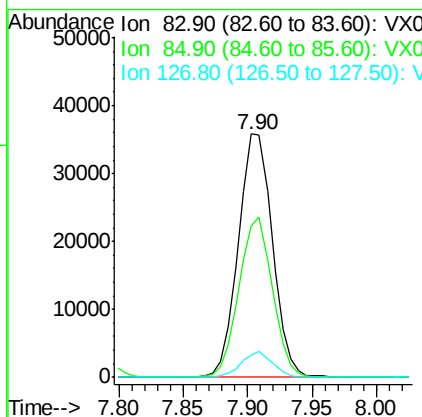
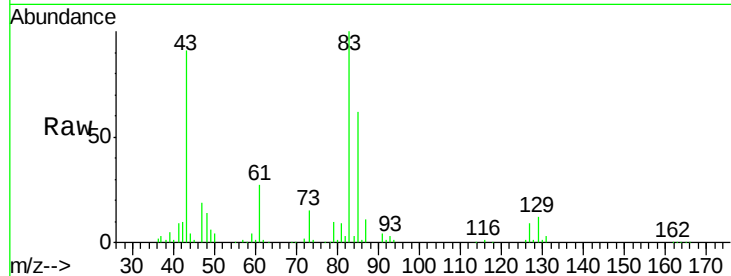
#47
Bromodichloromethane
Concen: 18.94 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	83	Resp	65905
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	52.2	78.4
127	8.9	7.8	11.8

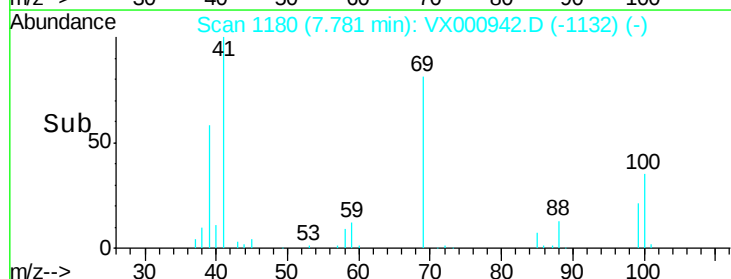
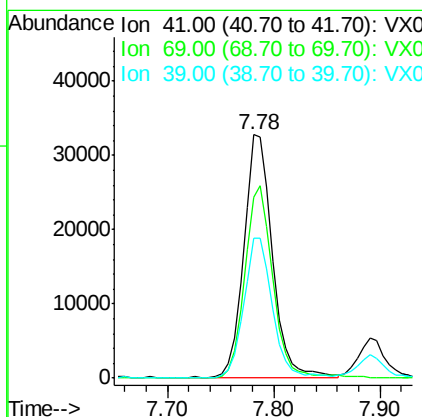
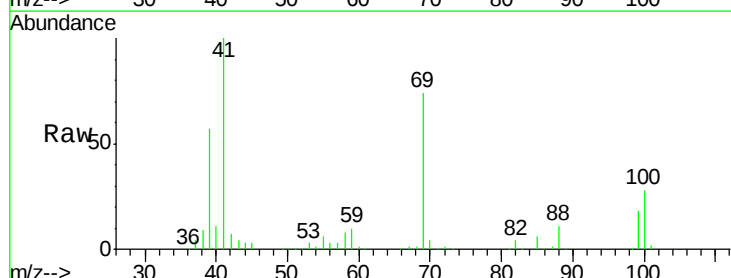
Manual Integrations
APPROVED

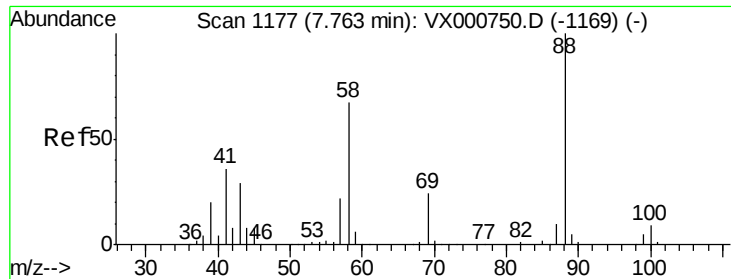
MMDadoda
4/18/2018 2:45:12 PM



#48
Methyl methacrylate
Concen: 20.31 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	41	Resp	61594
Ion Ratio	100	Lower	Upper
41	100		
69	78.5	63.9	95.9
39	58.0	45.9	68.9





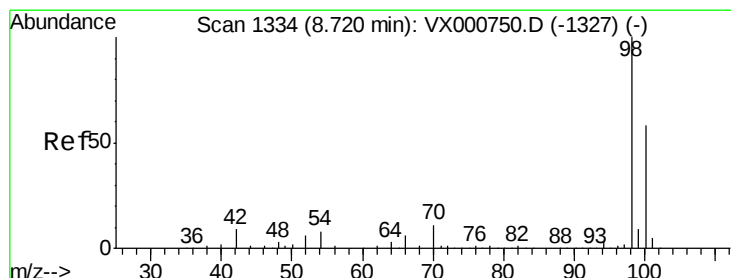
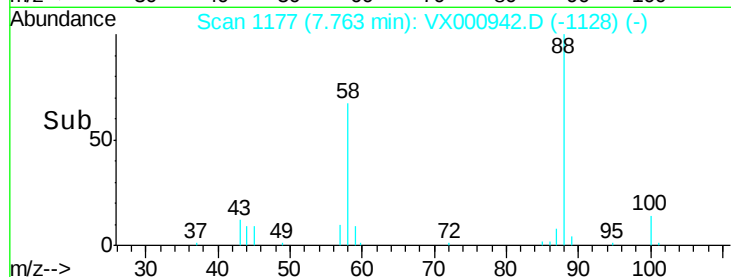
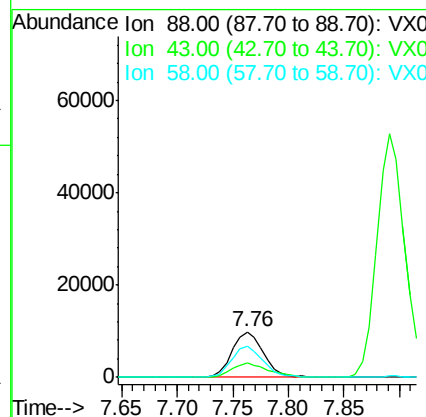
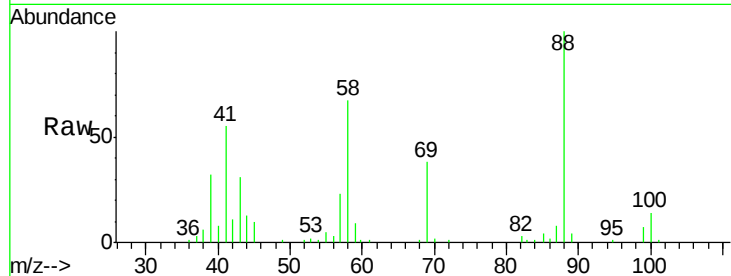
#49
1,4-Dioxane
Concen: 316.53 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.8	38.8
58	69.2	54.4	81.6

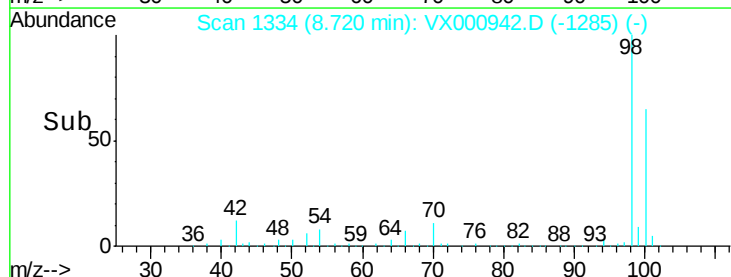
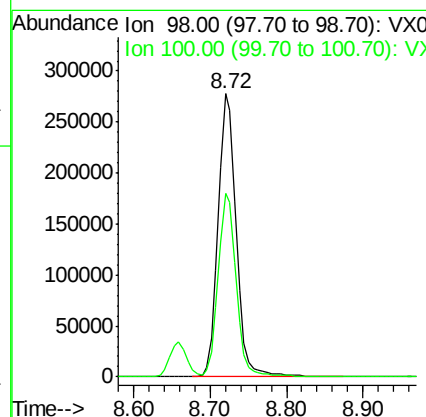
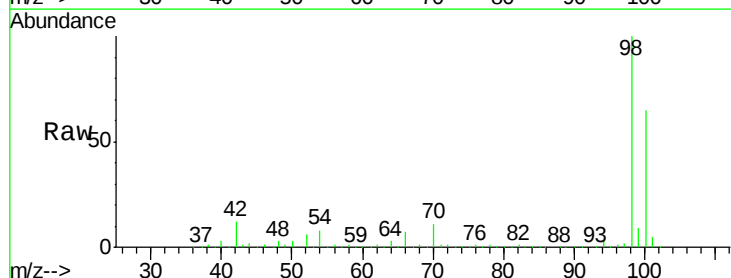
Manual Integrations
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#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 103.17 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 43 Resp: 354558

Ion Ratio Lower Upper

43 100

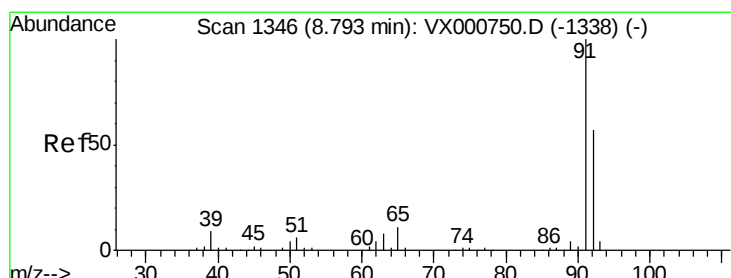
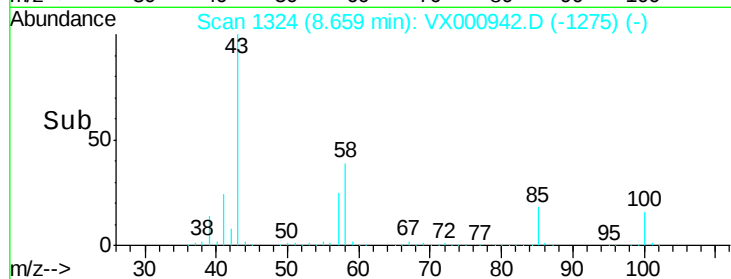
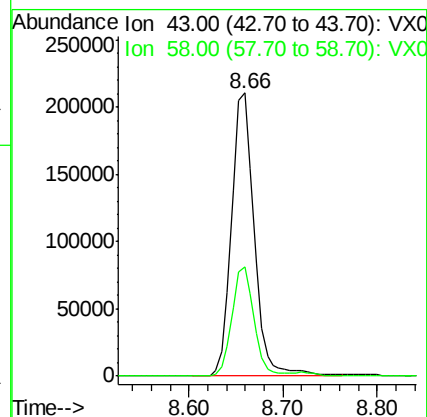
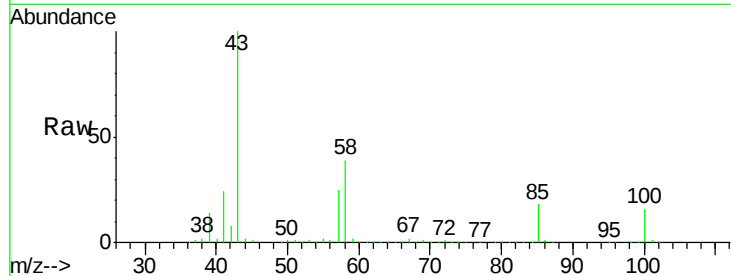
58 37.1 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 20.55 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000942.D

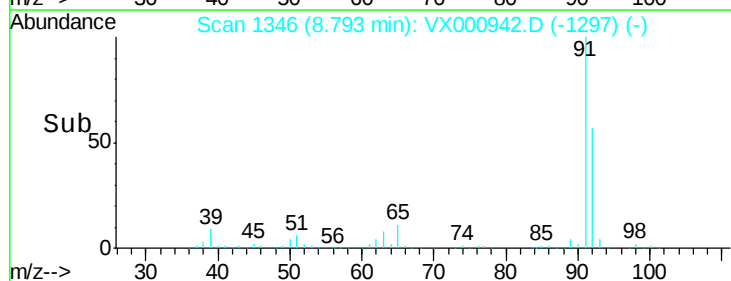
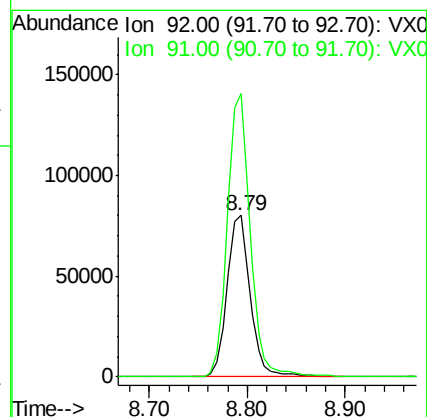
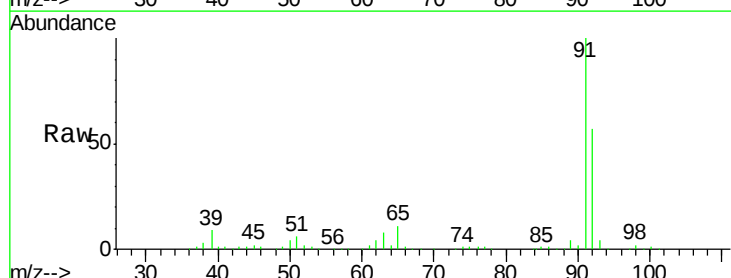
Acq: 17 Apr 2018 02:01

Tgt Ion: 92 Resp: 132410

Ion Ratio Lower Upper

92 100

91 173.9 139.0 208.4





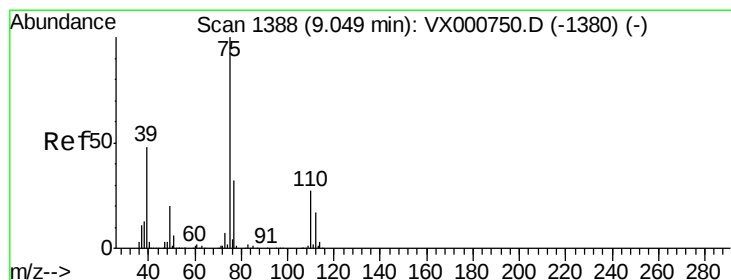
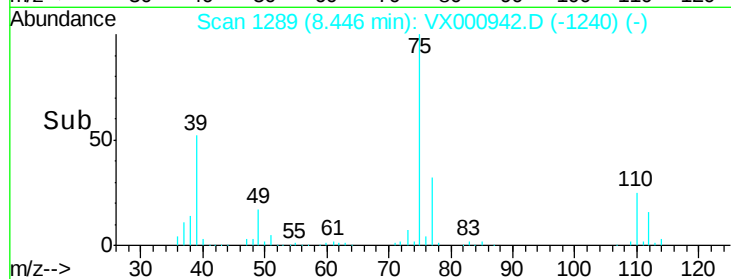
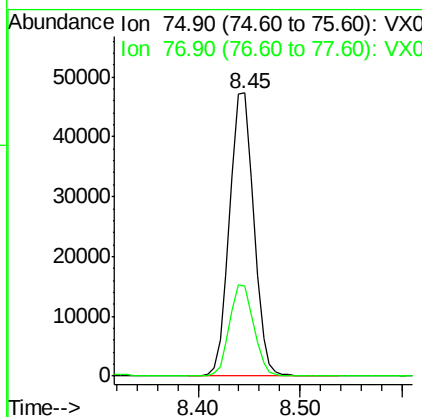
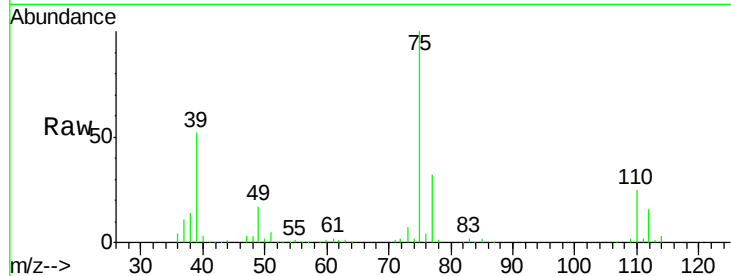
#53
t-1,3-Dichloropropene
Concen: 18.64 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion: 75 Resp: 77804
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

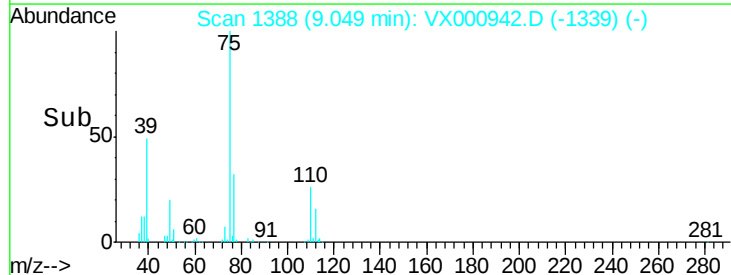
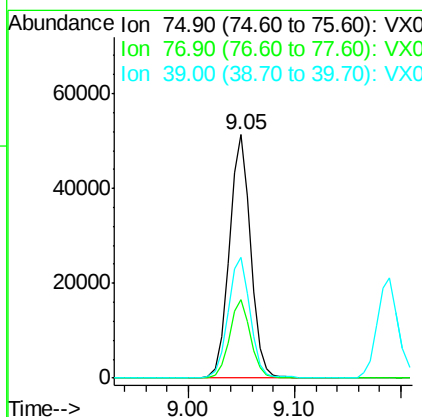
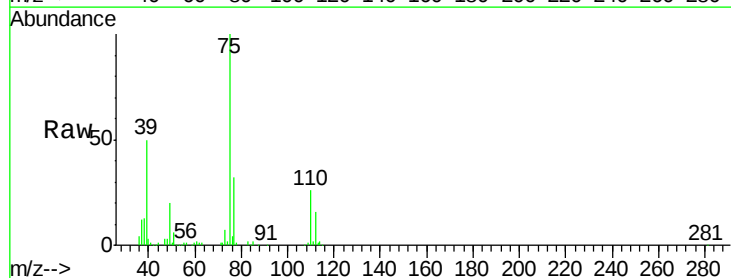
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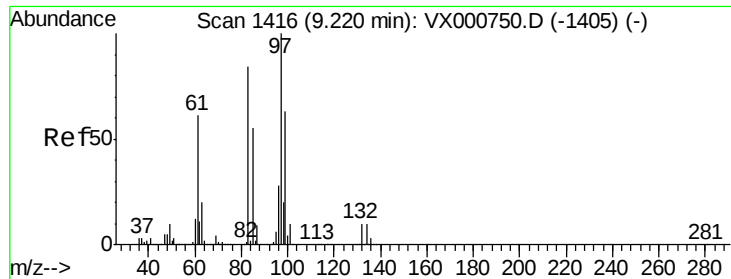
MMDadoda
4/18/2018 2:45:12 PM



#54
cis-1,3-Dichloropropene
Concen: 17.72 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 75 Resp: 72047
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
39 49.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 21.20 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

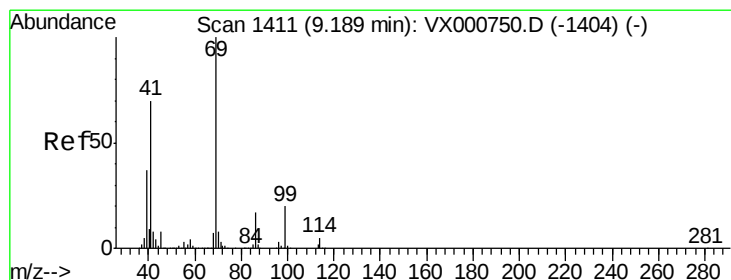
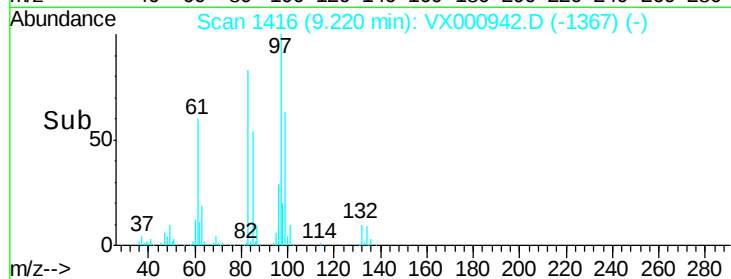
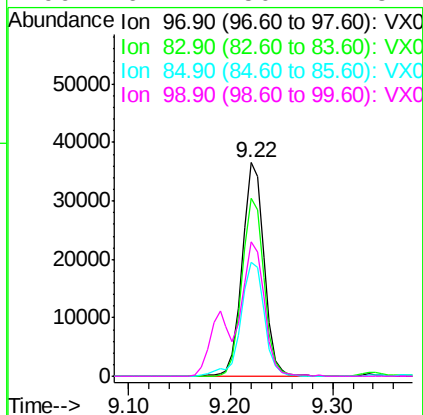
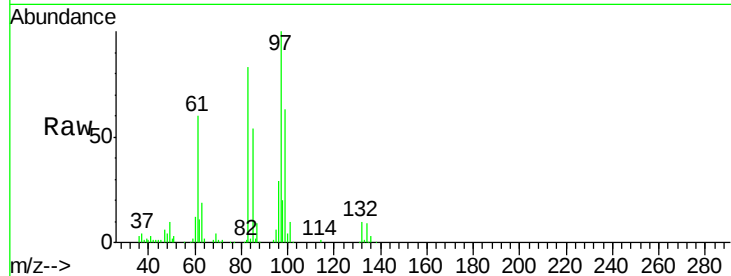
ClientSampleId :

VX0416WBS02

Tot Ion:	97	Resp:	54218
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.6	101.4
85	53.6	43.8	65.6
99	62.7	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.73 ug/l

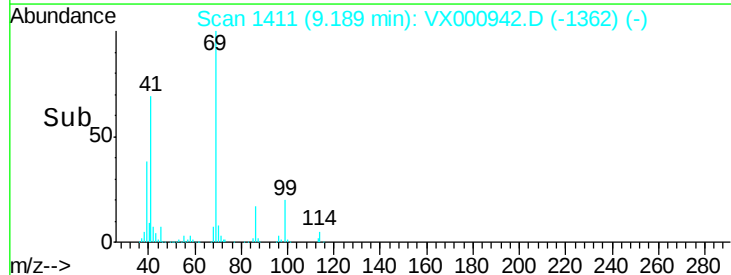
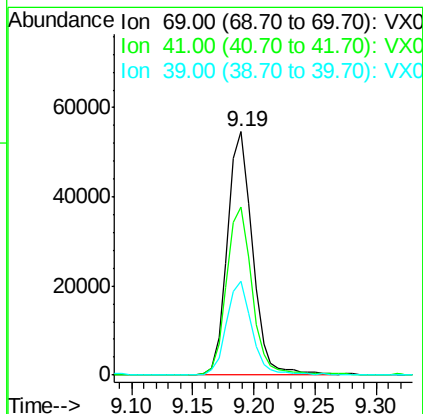
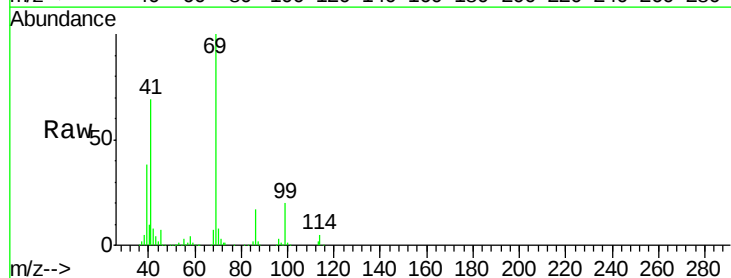
RT: 9.19 min Scan# 1411

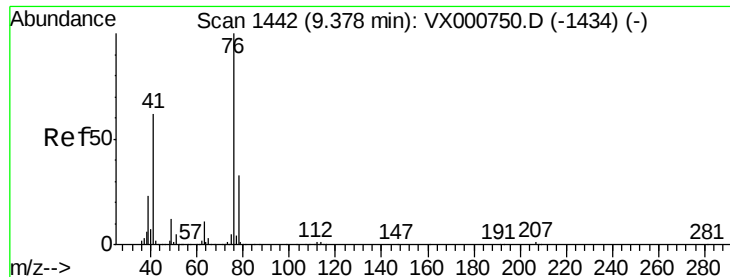
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion:	69	Resp:	77864
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.6	83.4
39	38.3	30.3	45.5





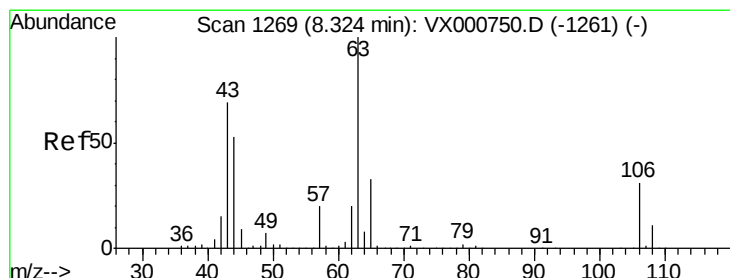
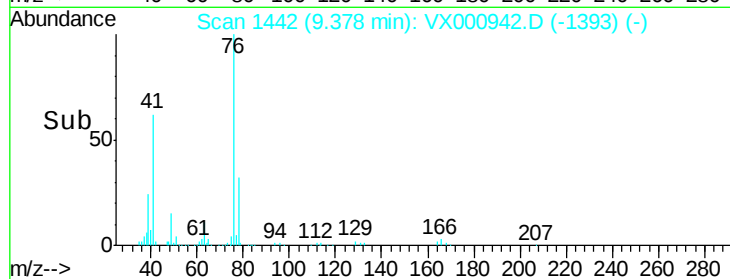
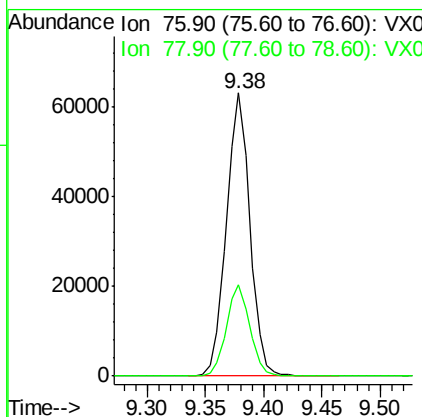
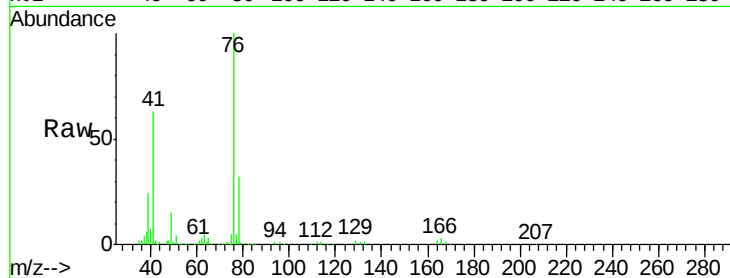
#57
 1,3-Dichloropropane
 Concen: 21.77 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

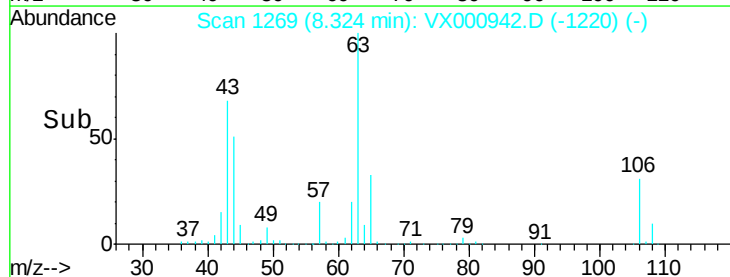
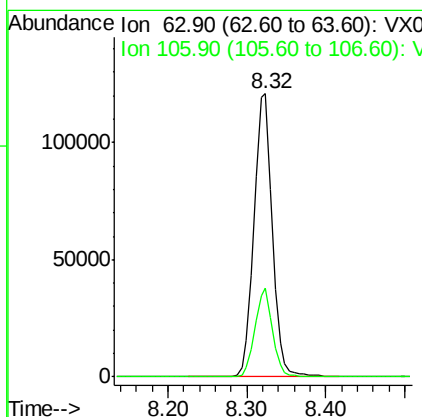
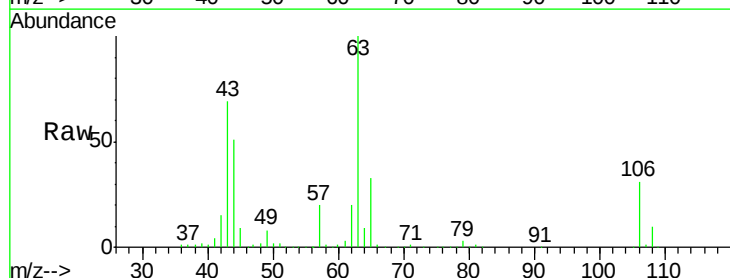
Manual Integrations
 APPROVED

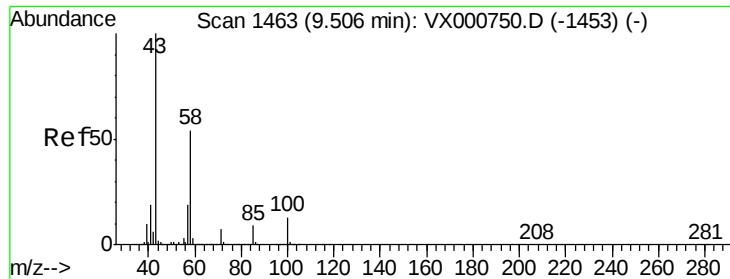
MMDadoda
 4/18/2018 2:45:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.56 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.3	36.5





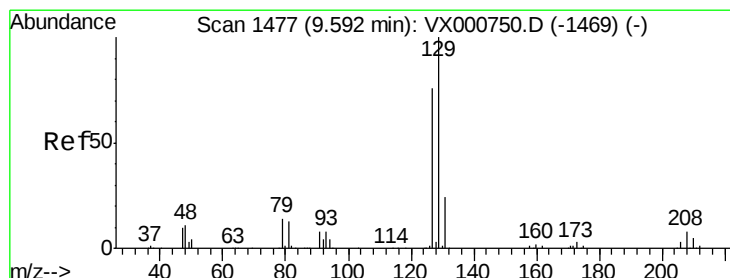
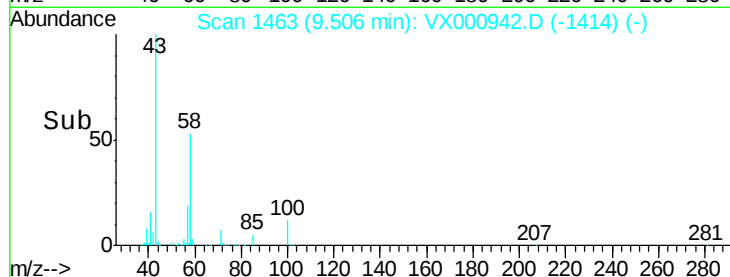
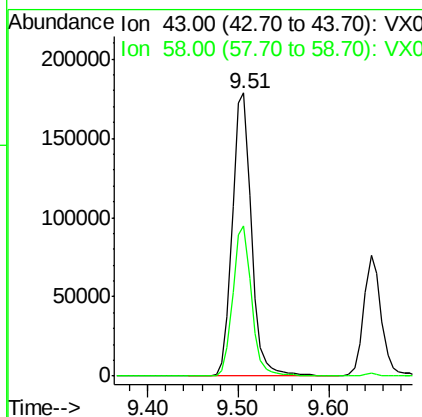
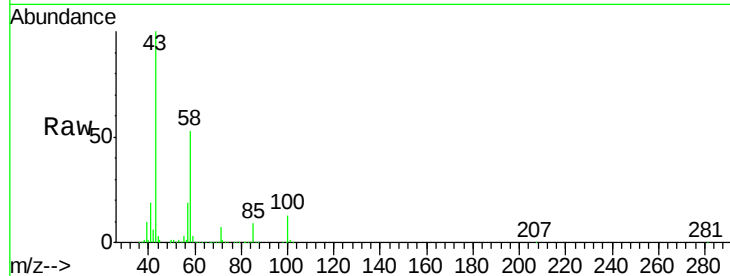
#59
2-Hexanone
Concen: 98.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion: 43 Resp: 261099
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5

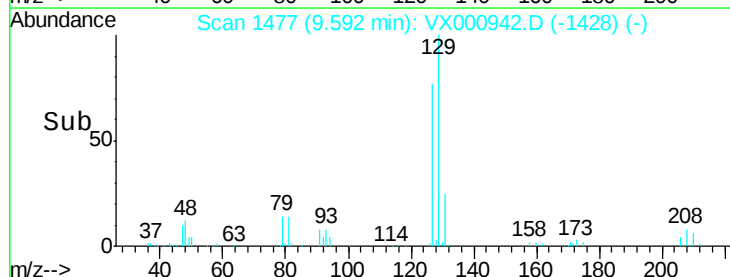
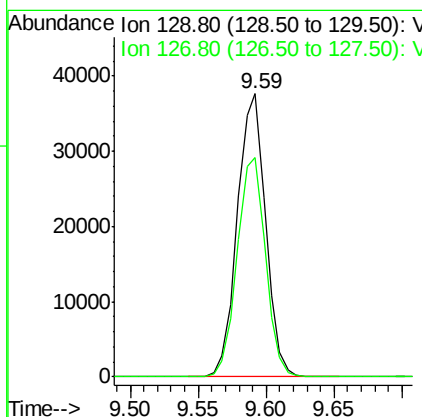
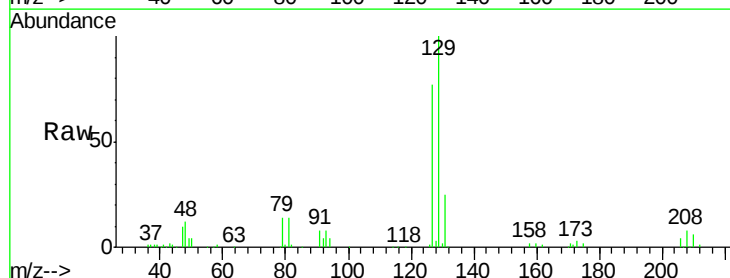
Manual Integrations
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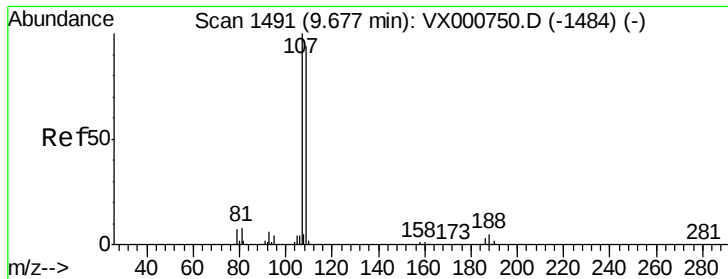
MMDadoda
4/18/2018 2:45:12 PM



#60
Dibromochloromethane
Concen: 17.82 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 129 Resp: 54528
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





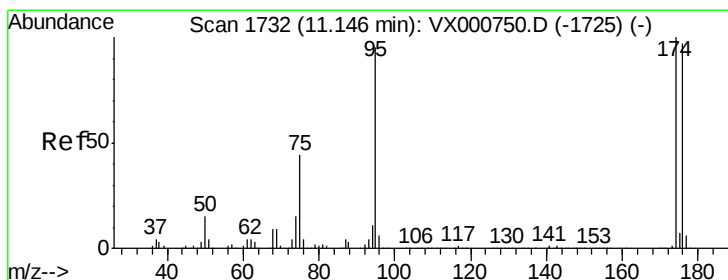
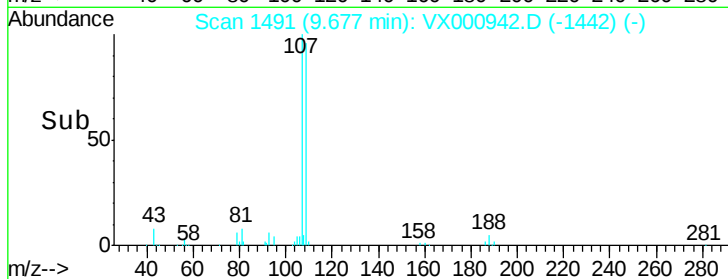
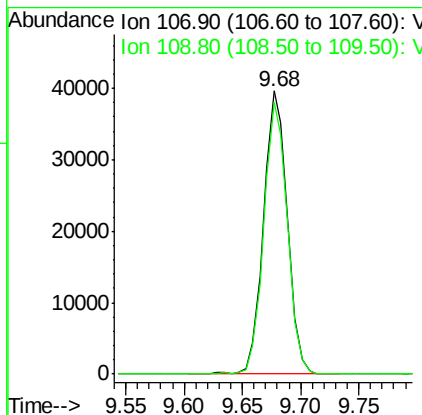
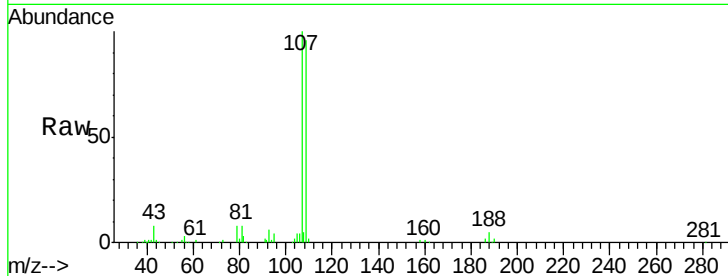
#61
 1,2-Dibromoethane
 Concen: 20.80 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion:107 Resp: 56433
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.2 114.4

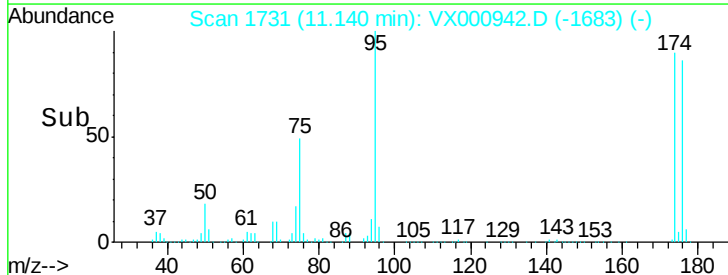
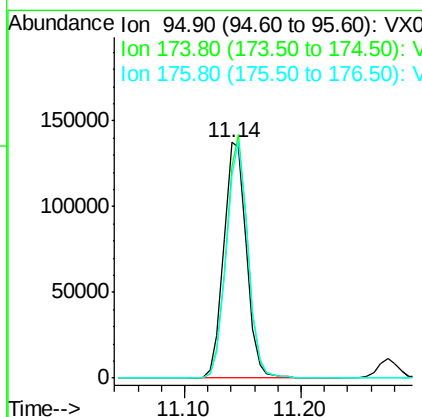
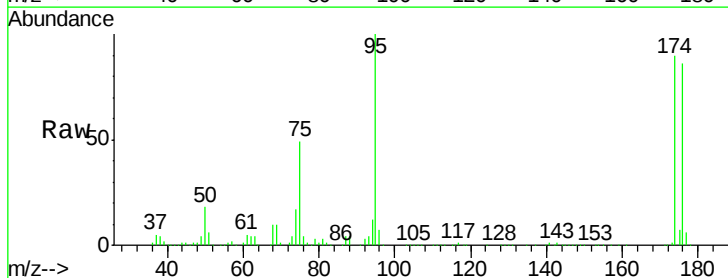
Manual Integrations
 APPROVED

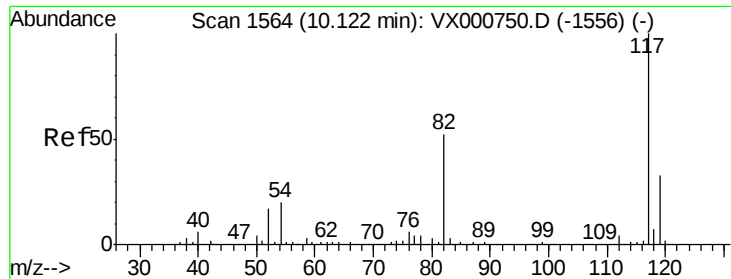
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#62
 4-Bromofluorobenzene
 Concen: 49.17 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 95 Resp: 185240
 Ion Ratio Lower Upper
 95 100
 174 97.7 0.0 198.4
 176 95.3 0.0 194.4





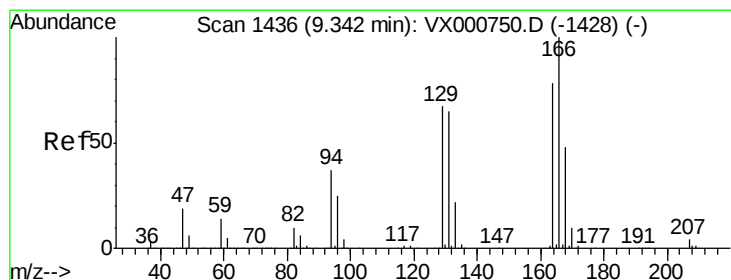
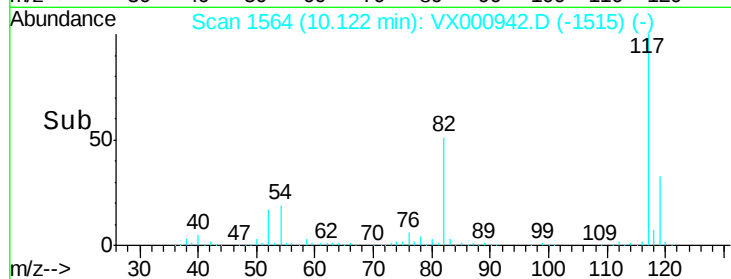
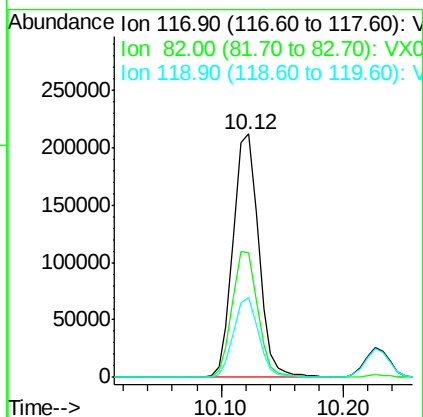
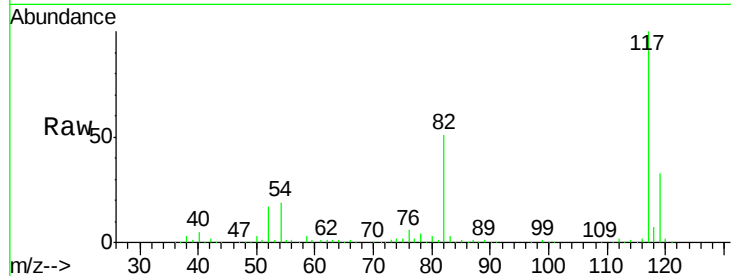
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.9	62.9
119	32.6	26.0	39.0

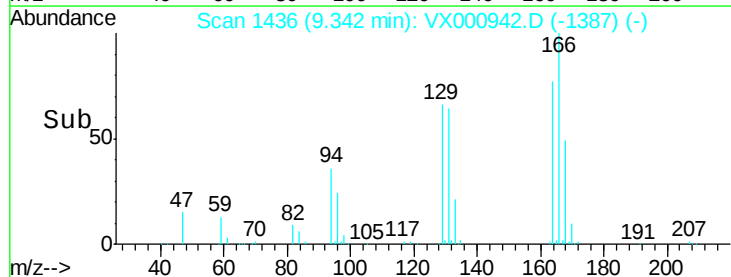
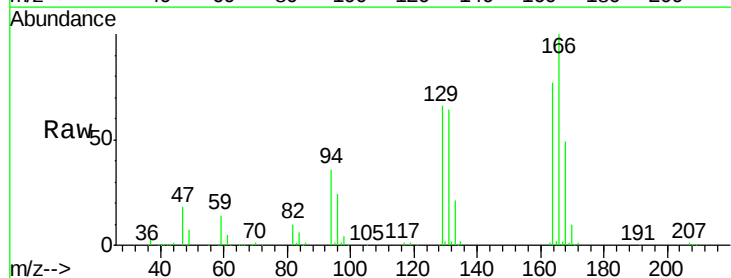
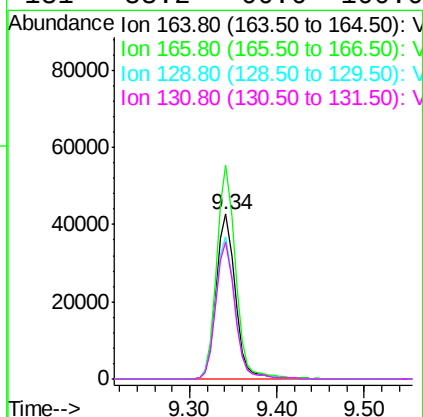
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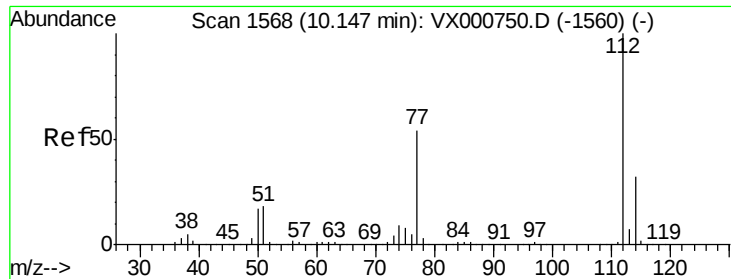
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#64
Tetrachloroethene
Concen: 21.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.8	154.2
129	85.8	68.5	102.7
131	83.2	66.6	100.0





#65

Chlorobenzene

Concen: 20.34 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

VX0416WBS02

Tot Ion:112 Resp: 157398

Ion Ratio Lower Upper

112 100

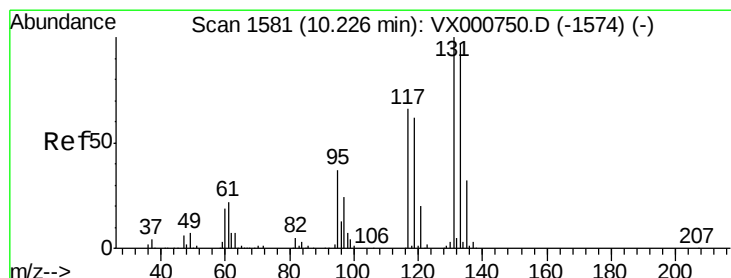
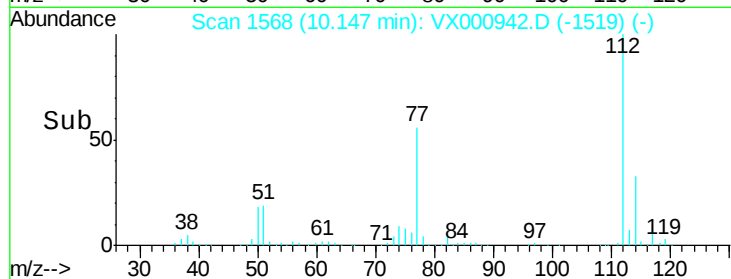
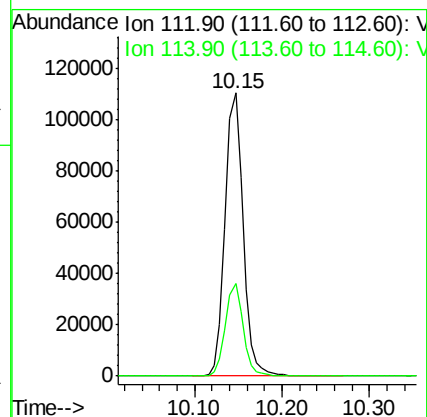
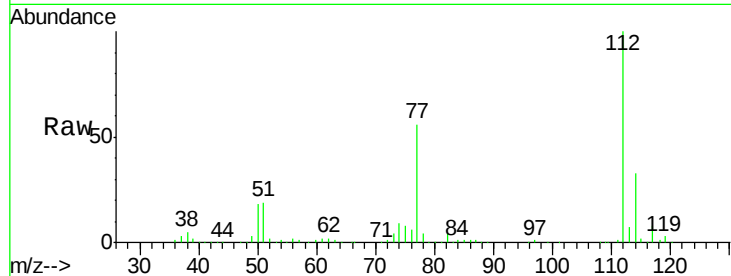
114 32.9 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.99 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

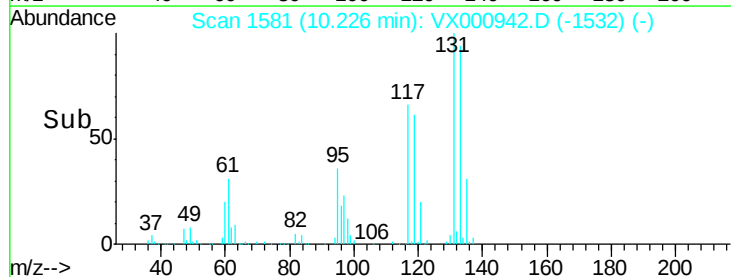
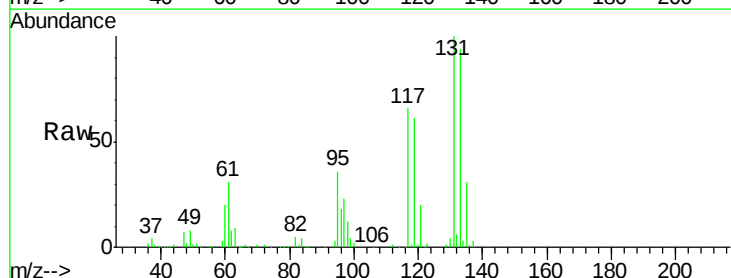
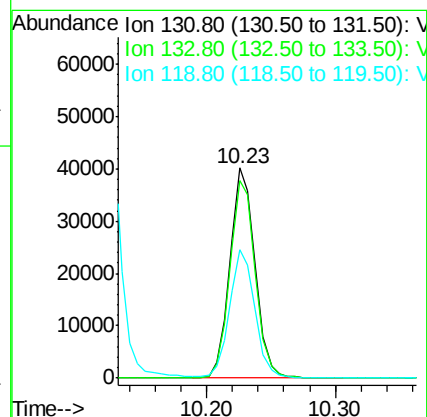
Tgt Ion:131 Resp: 55296

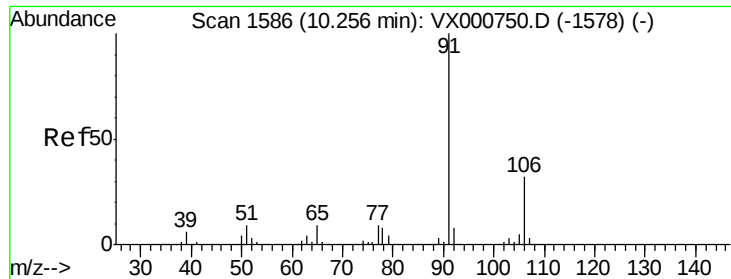
Ion Ratio Lower Upper

131 100

133 94.8 48.3 144.9

119 61.6 31.4 94.0





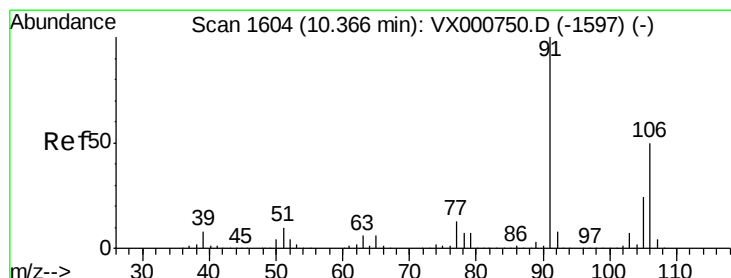
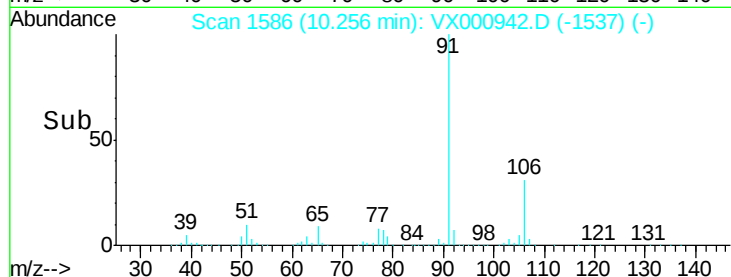
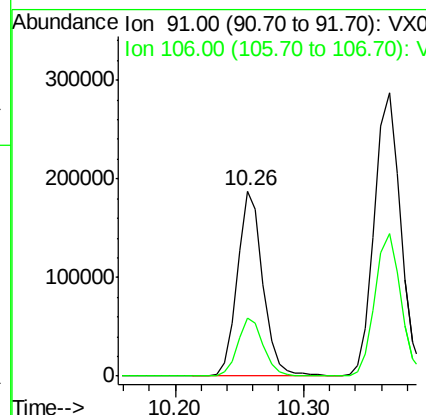
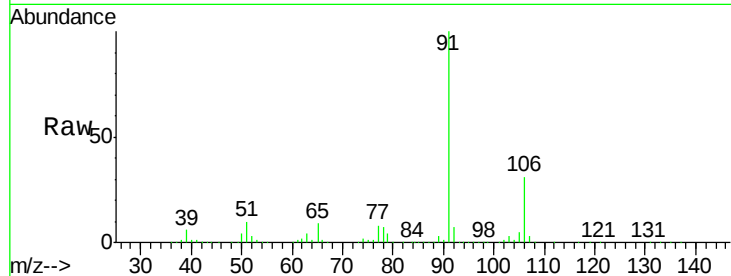
#67
Ethyl Benzene
Concen: 20.19 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion: 91 Resp: 260459
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

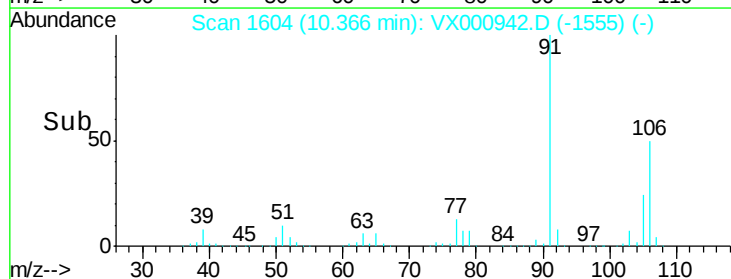
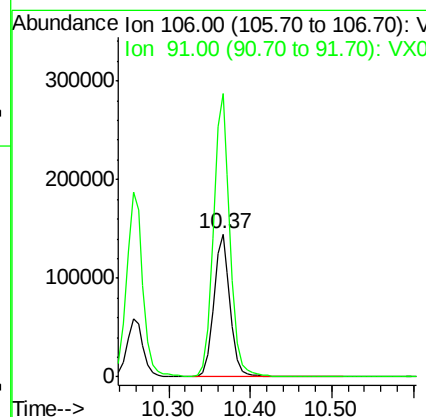
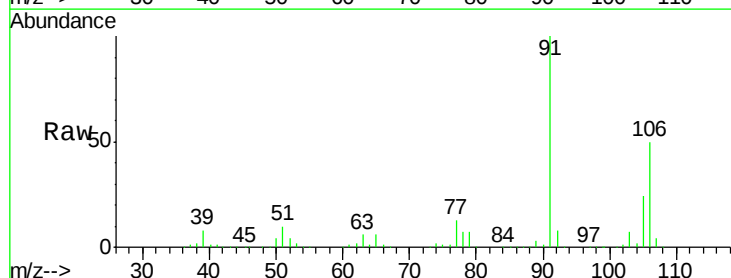
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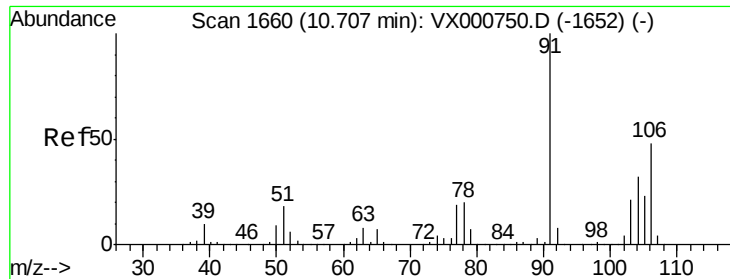
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#68
m/p-Xylenes
Concen: 40.04 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 106 Resp: 203861
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9





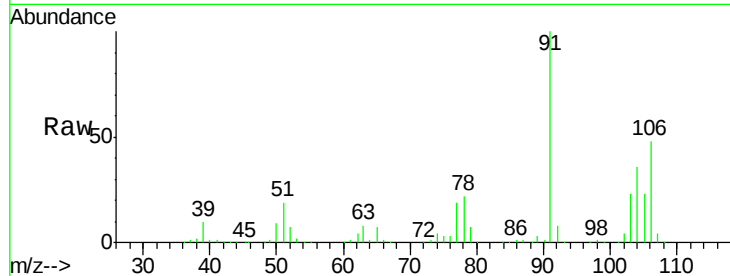
#69
o-Xylene
Concen: 20.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

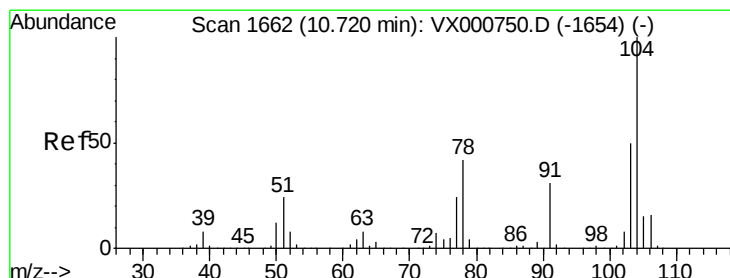
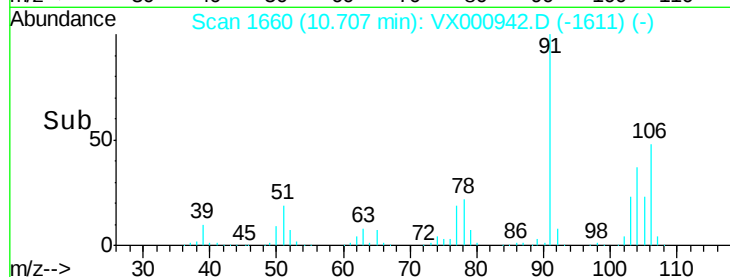
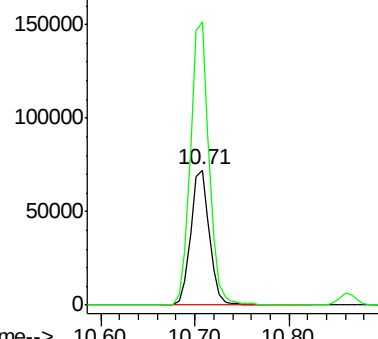
Tot Ion:106 Resp: 99508
Ion Ratio Lower Upper
106 100
91 209.8 105.0 315.0

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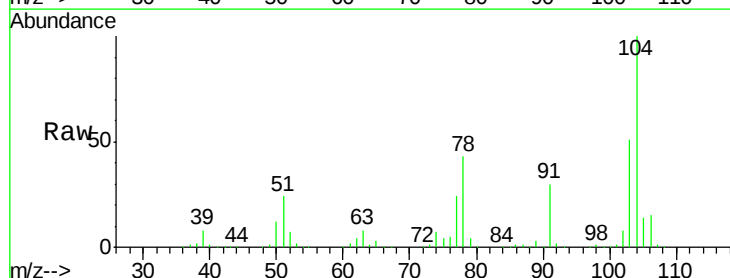


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

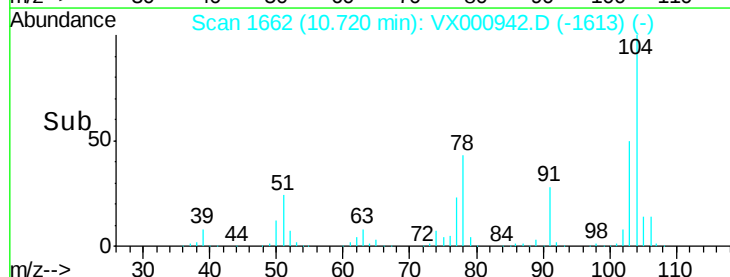
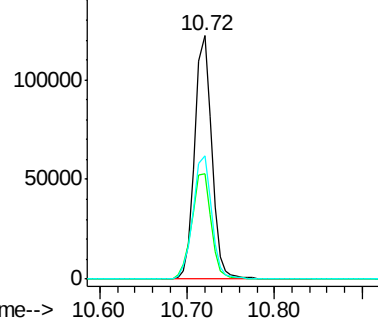


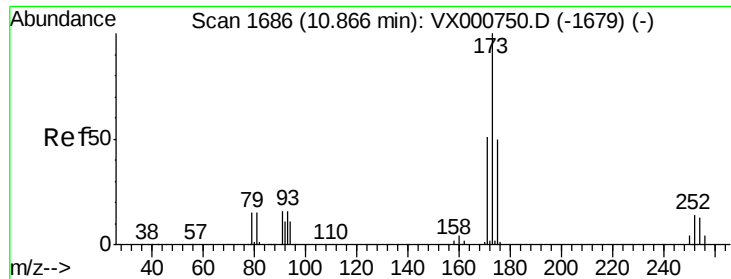
#70
Styrene
Concen: 19.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:104 Resp: 164894
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 55.8 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.05 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion:173 Resp: 43286

Ion Ratio Lower Upper

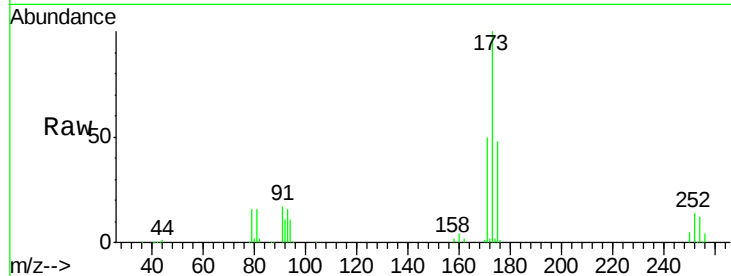
173 100

175 49.2 24.5 73.5

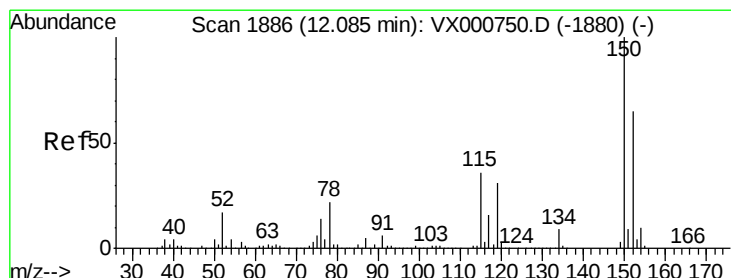
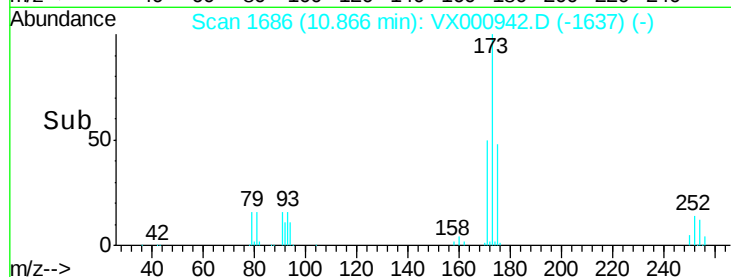
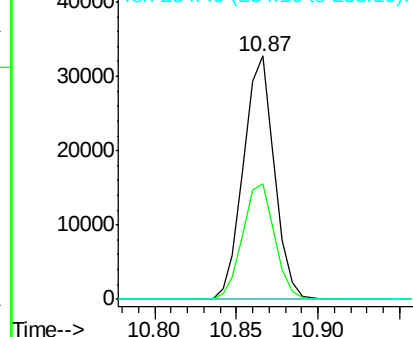
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

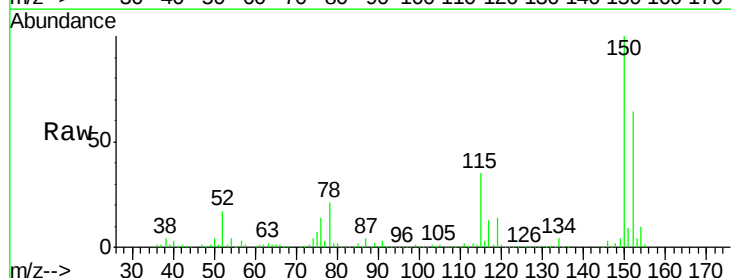
Tgt Ion:152 Resp: 206960

Ion Ratio Lower Upper

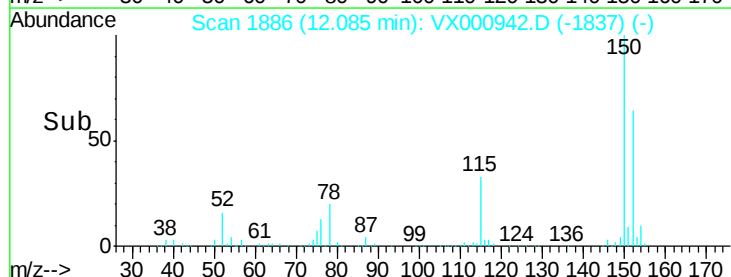
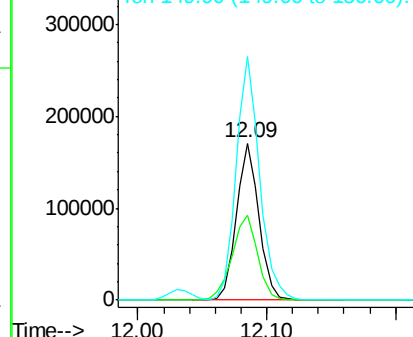
152 100

115 62.2 37.9 113.7

150 163.1 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 105 Resp: 268842

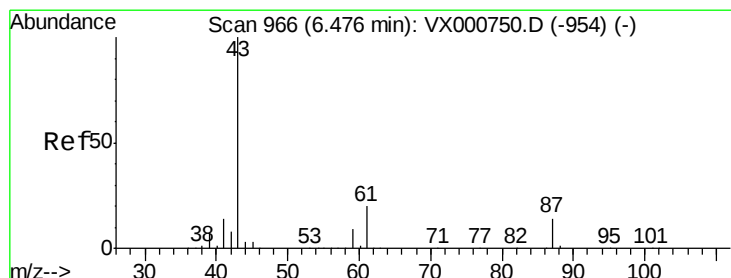
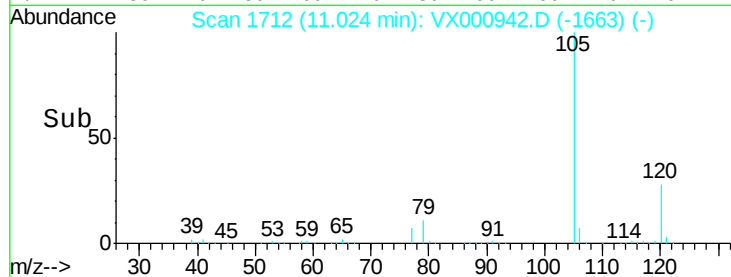
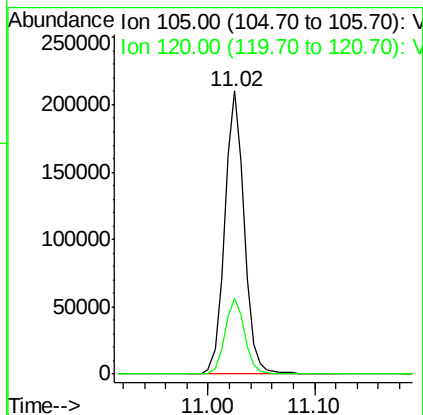
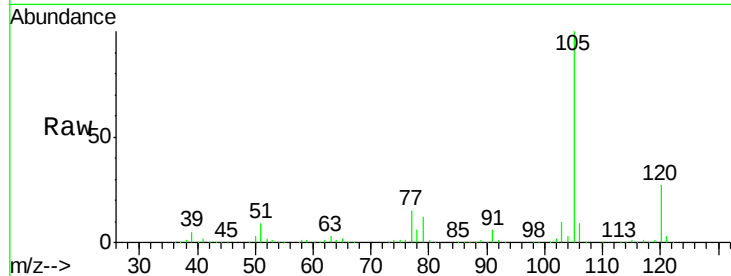
Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0

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#74

N-ethyl acetate

Concen: 19.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion: 43 Resp: 114492

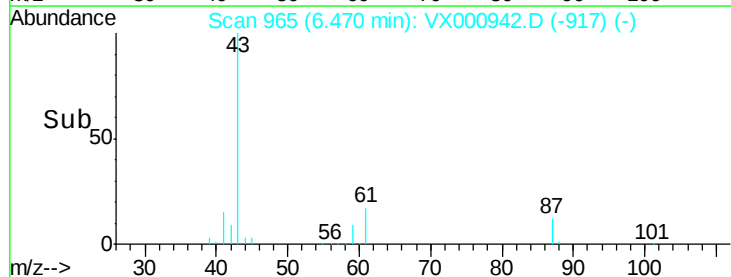
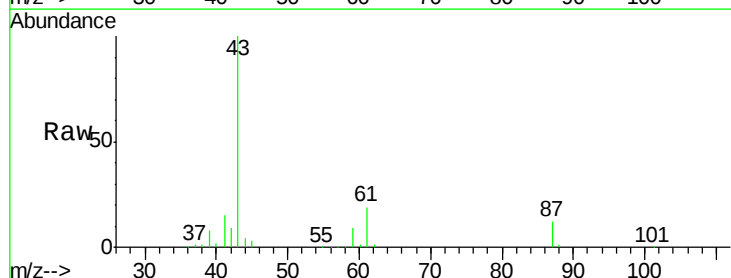
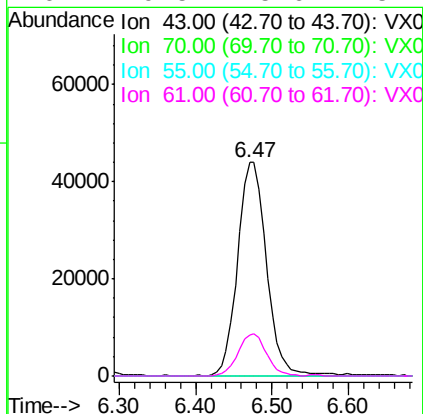
Ion Ratio Lower Upper

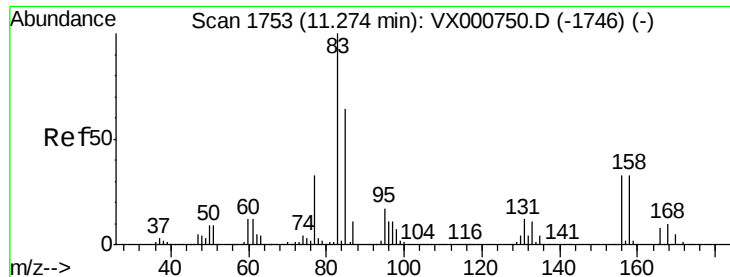
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

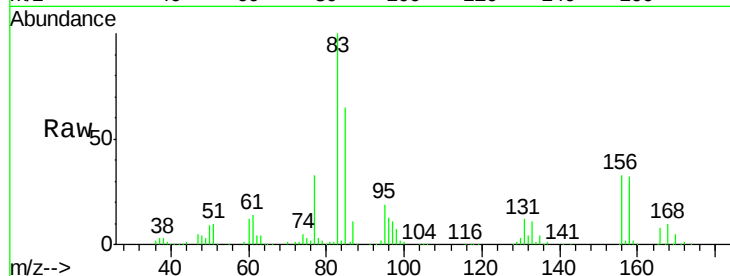
ClientSampleId :

VX0416WBS02

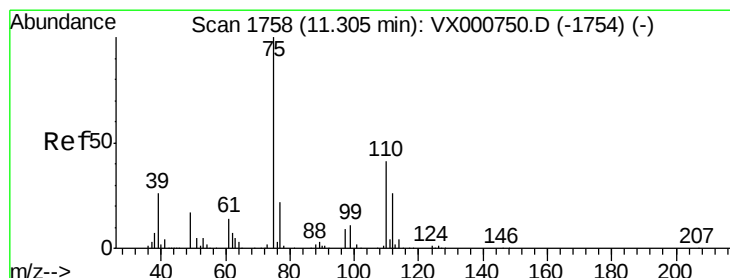
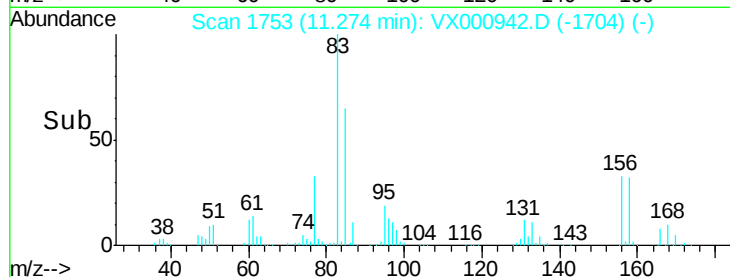
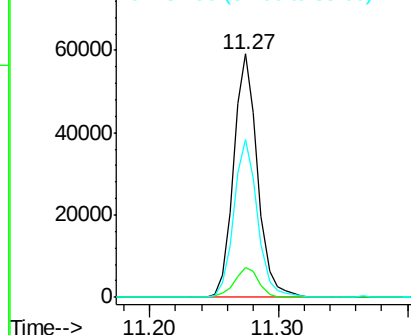
Tot Ion:	83	Resp:	76603
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.0	18.0
85	64.4	32.3	96.8

Manual Integrations
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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: 19.80 ug/l m

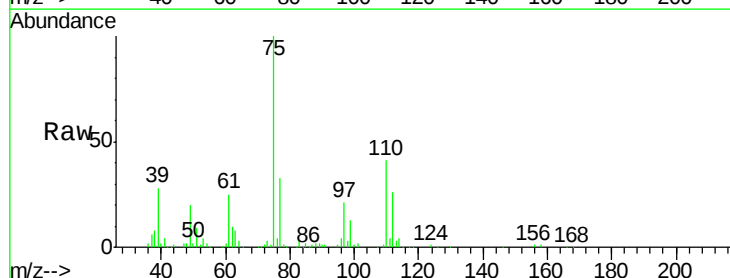
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

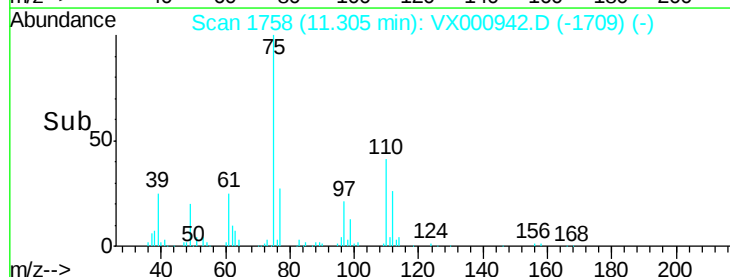
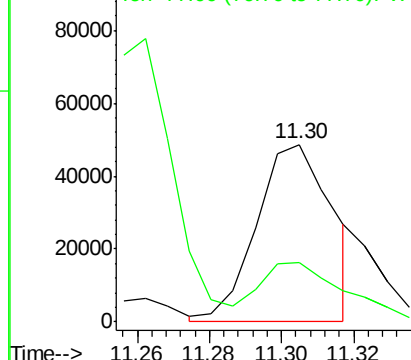
Lab File: VX000942.D

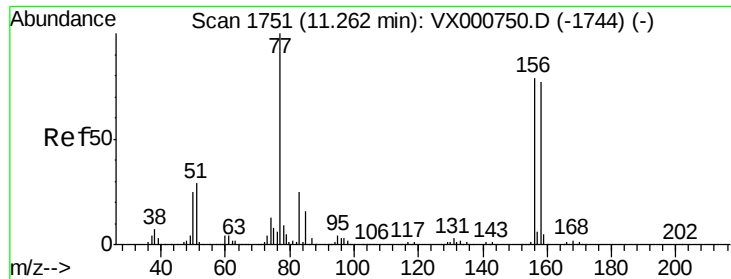
Acq: 17 Apr 2018 02:01

Tgt Ion:	75	Resp:	70657
Ion Ratio	Lower	Upper	
75	100		
77	38.5	20.5	61.5



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





#77

Bromobenzene

Concen: 20.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion:156 Resp: 77610

Ion Ratio Lower Upper

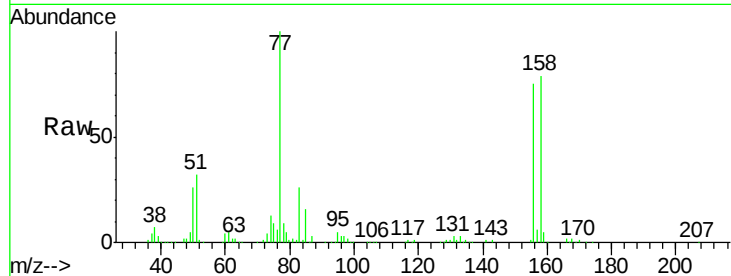
156 100

77 135.5 66.0 198.2

158 99.5 48.8 146.4

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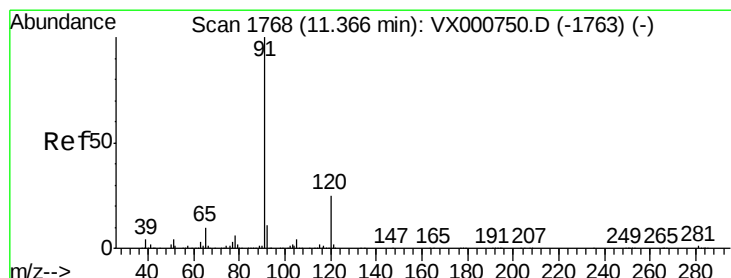
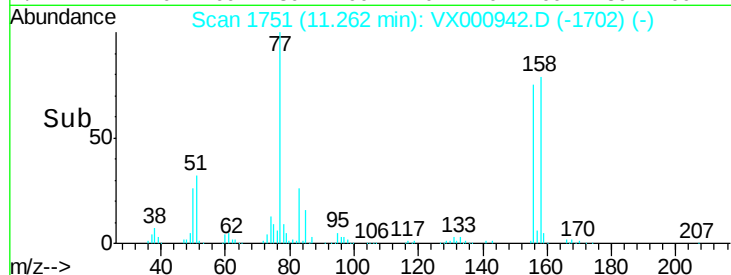
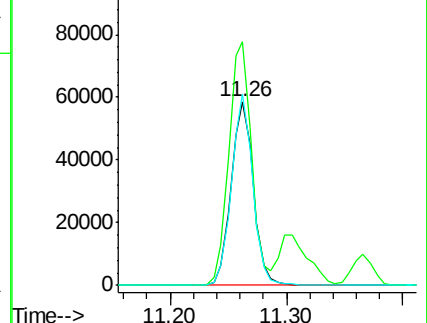
MMDadoda
4/18/2018 2:45:12 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000942.D

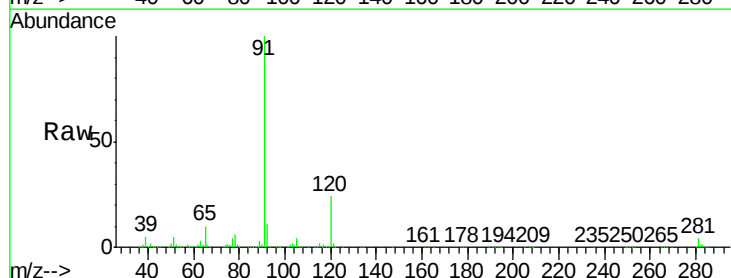
Acq: 17 Apr 2018 02:01

Tgt Ion: 91 Resp: 303337

Ion Ratio Lower Upper

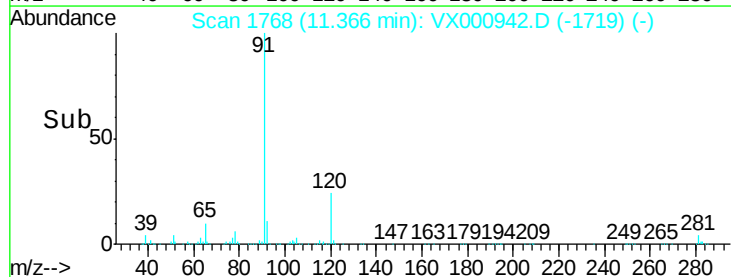
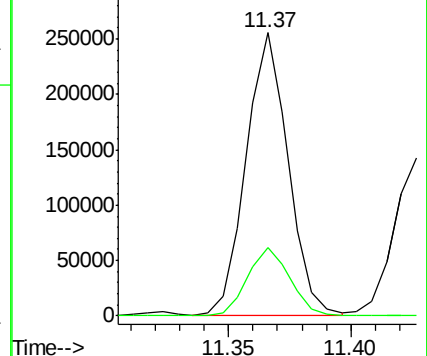
91 100

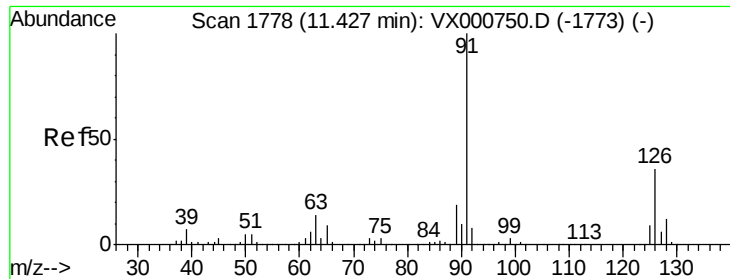
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 91 Resp: 180589

Ion Ratio Lower Upper

91 100

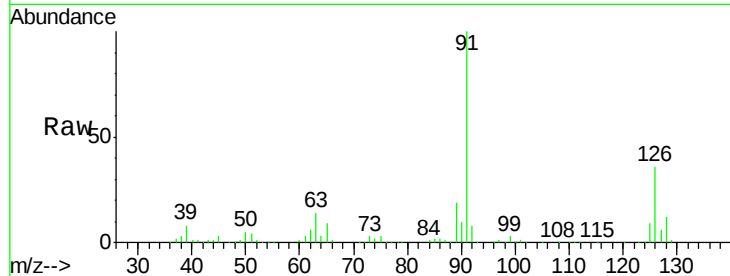
126 36.6 18.3 54.9

Manual Integrations

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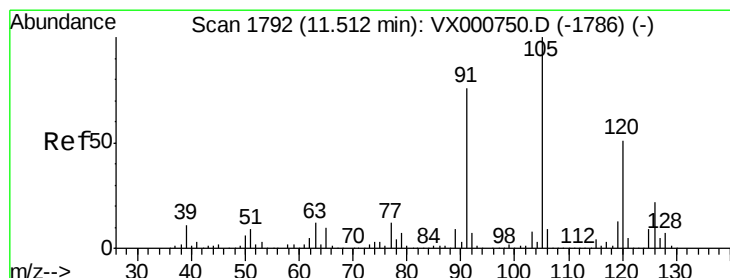
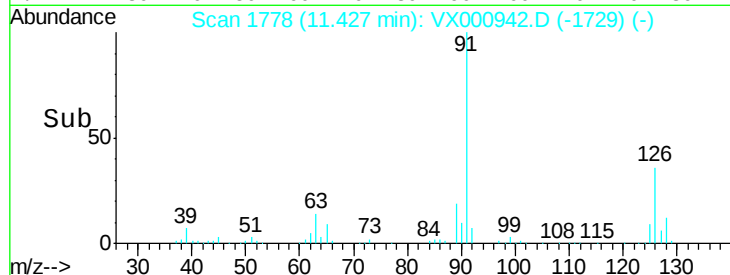
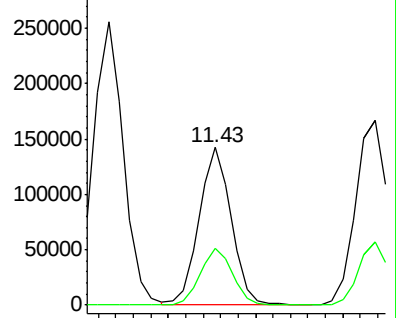
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4/18/2018 2:45:12 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000942.D

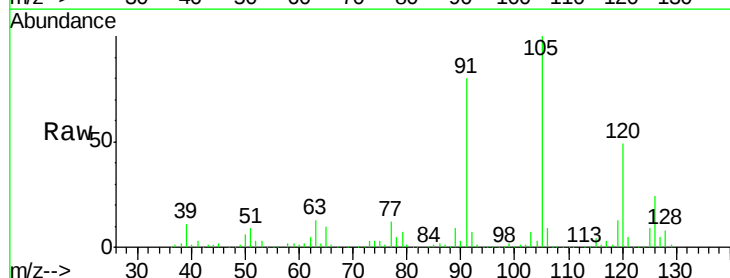
Acq: 17 Apr 2018 02:01

Tgt Ion: 105 Resp: 227750

Ion Ratio Lower Upper

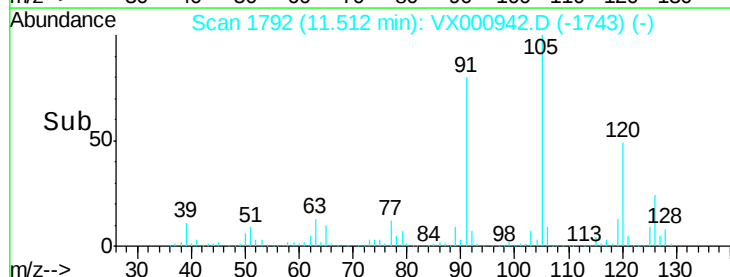
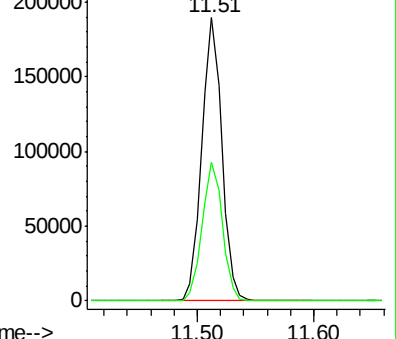
105 100

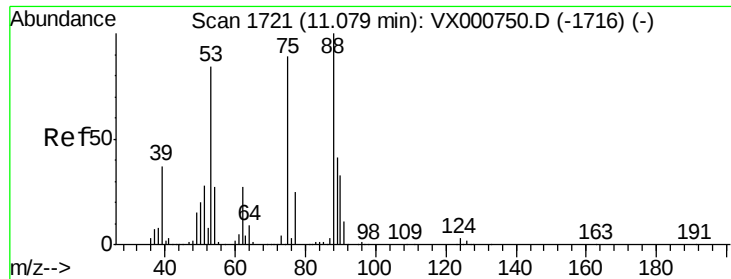
120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)





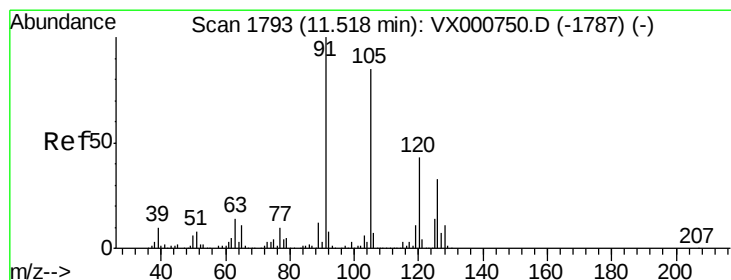
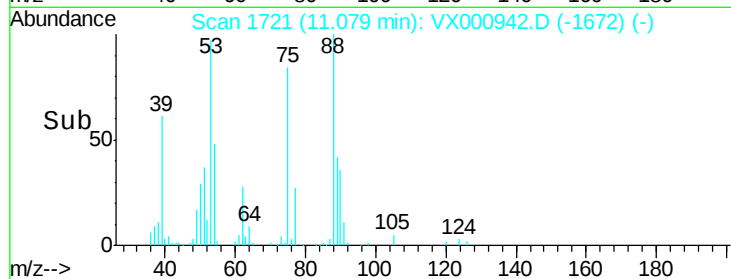
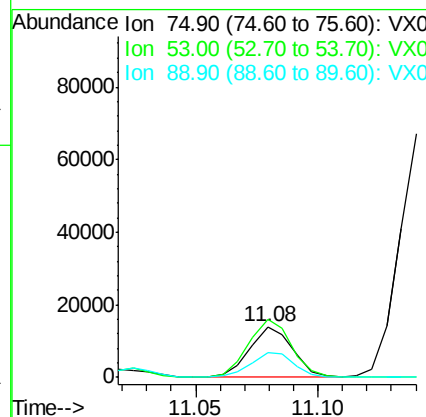
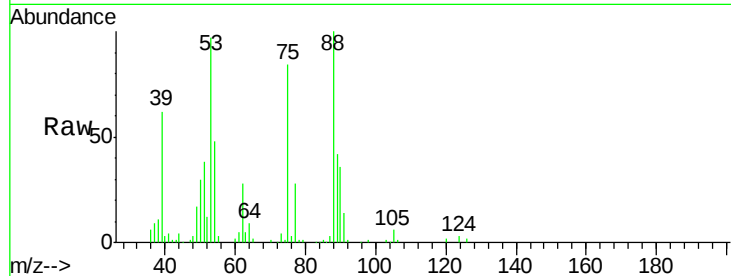
#81
trans-1,4-Dichloro-2-butene
Concen: 13.13 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	75.4	113.0#
89	49.9	40.9	61.3

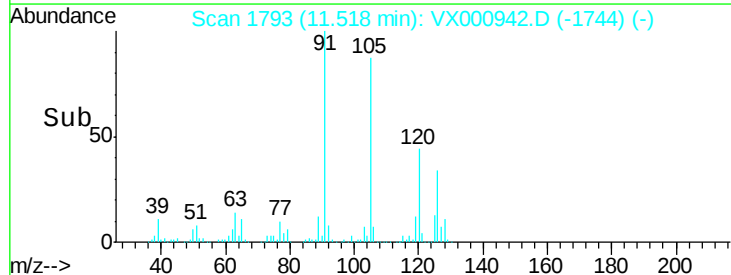
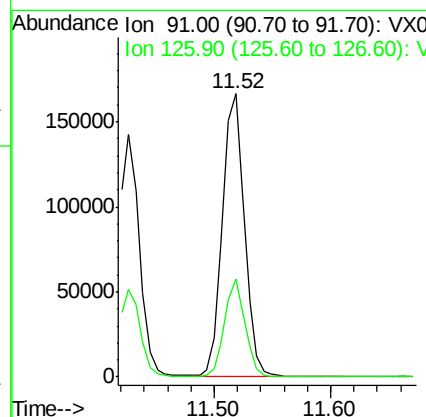
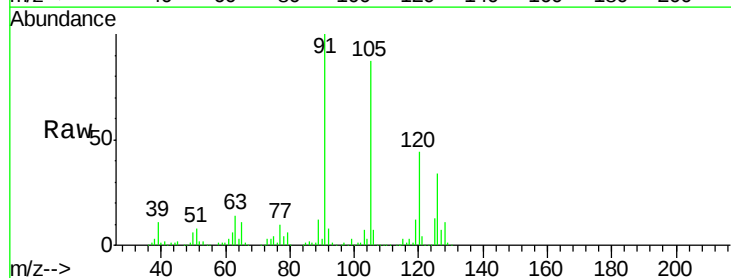
Manual Integrations
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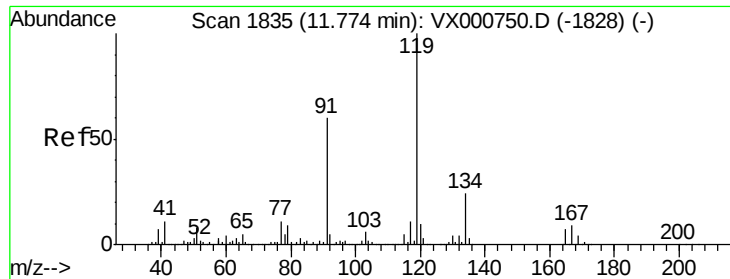
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.29 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.6





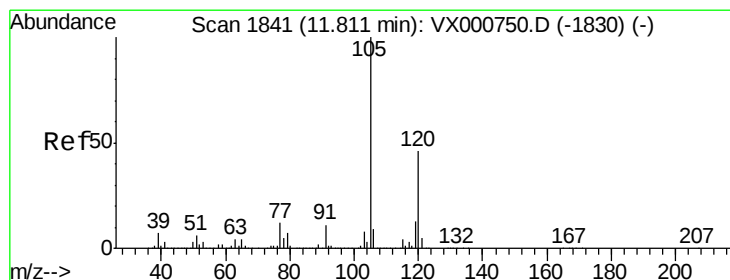
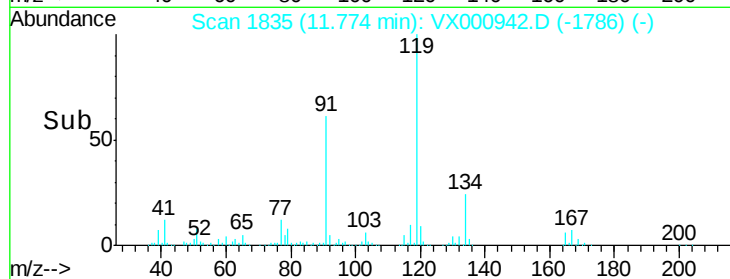
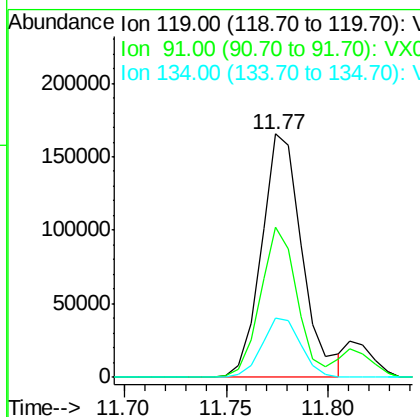
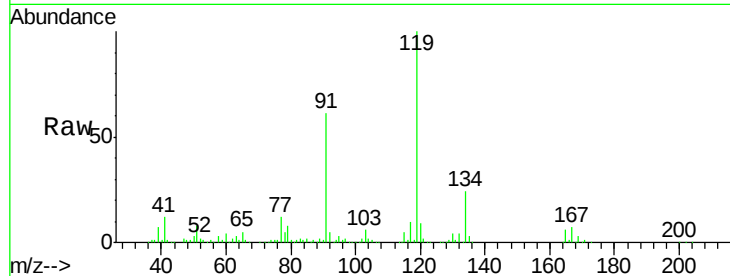
#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	229162		
91	55.6	26.8	80.3	
134	23.5	11.5	34.4	

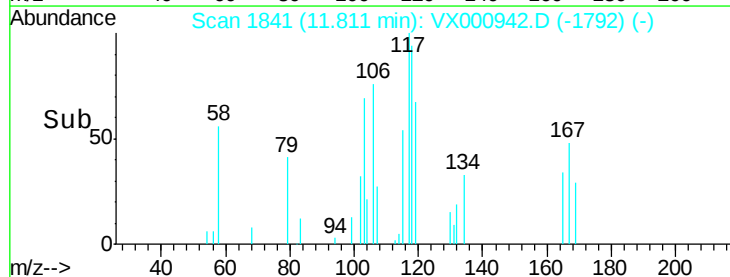
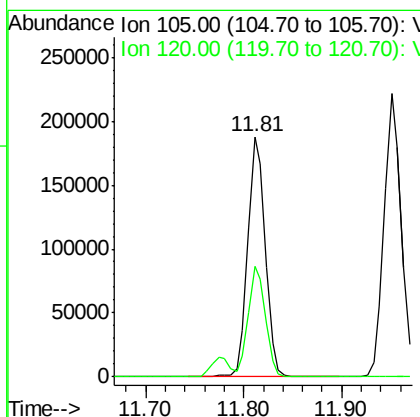
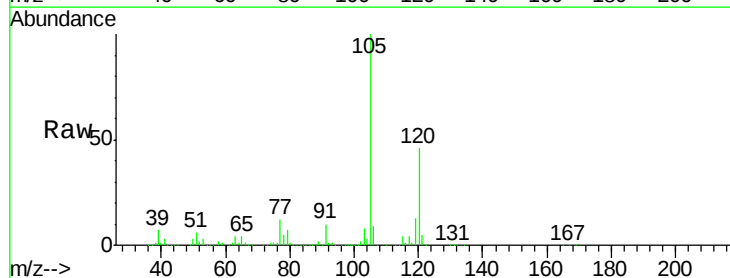
Manual Integrations
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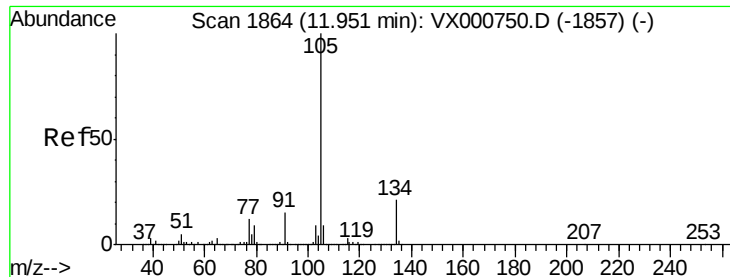
MMDadoda
 4/18/2018 2:45:12 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233856		
120	45.3	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion:105 Resp: 270104

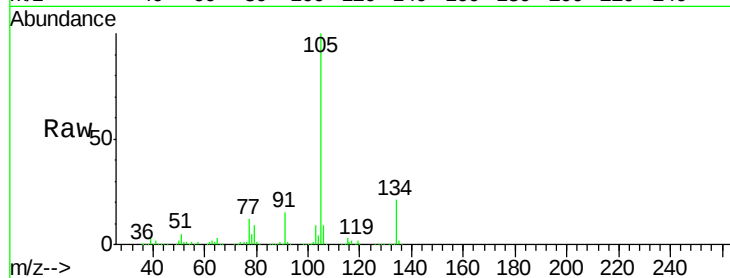
Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

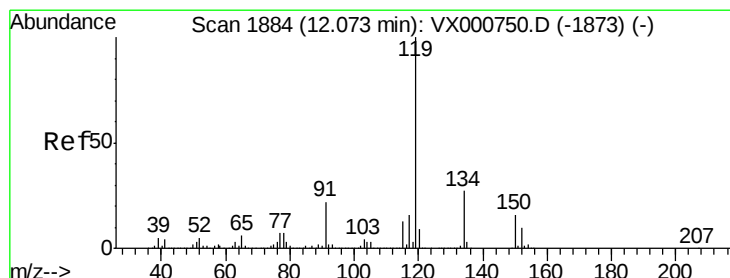
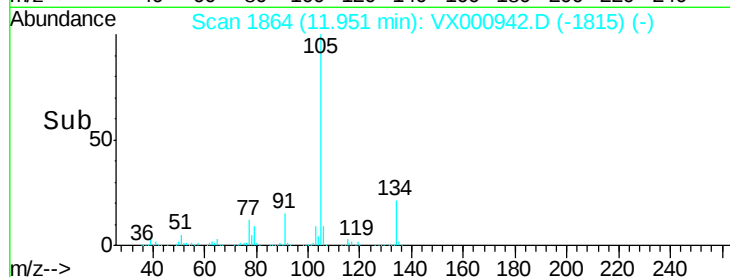
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

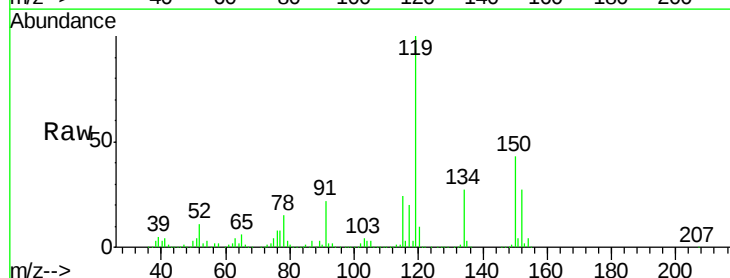
Tgt Ion:119 Resp: 247943

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

250000

200000

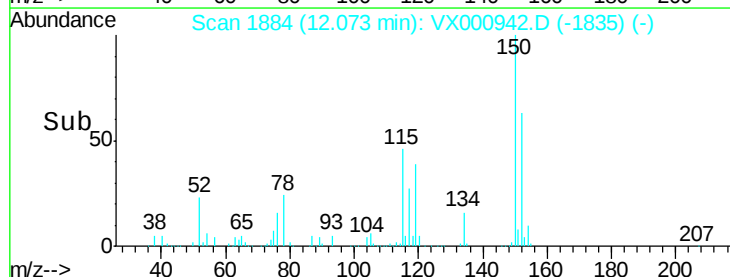
150000

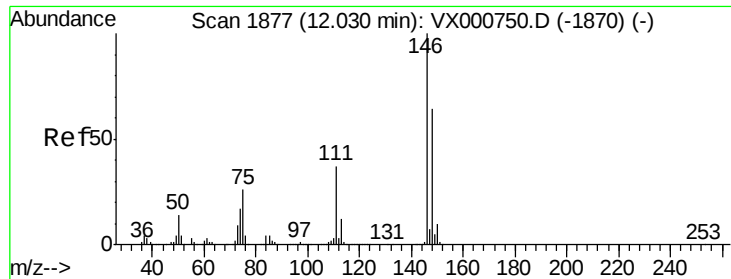
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.38 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

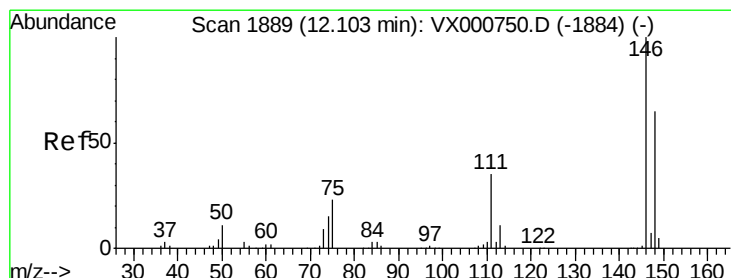
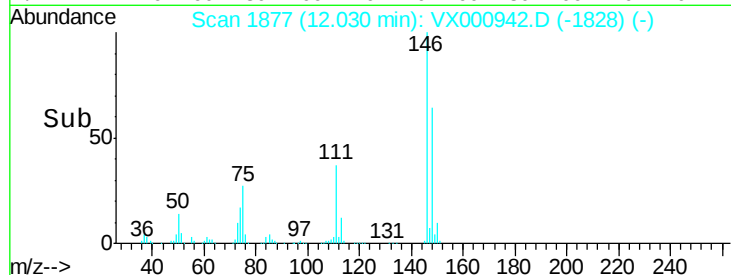
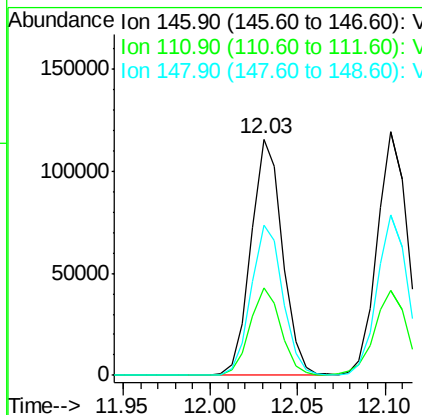
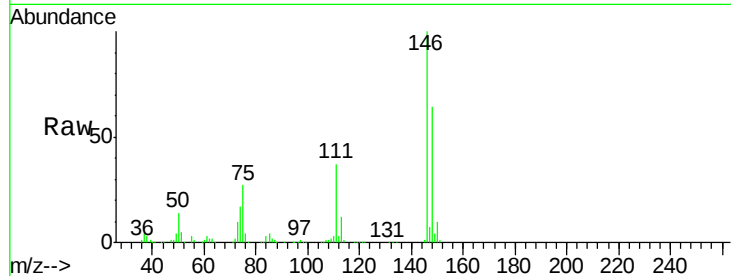
ClientSampleId :

VX0416WBS02

Tot Ion:	146	Resp:	145130
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.3	54.8
148	63.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.01 ug/l

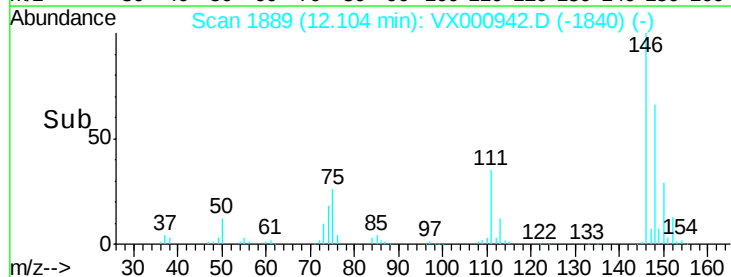
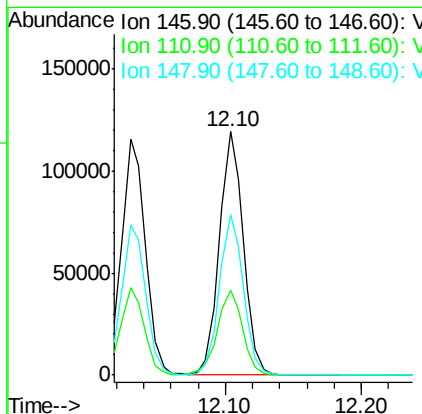
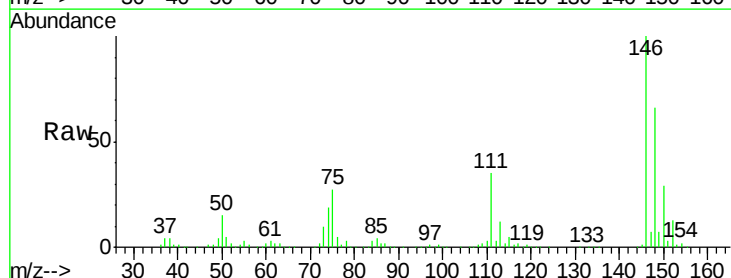
RT: 12.10 min Scan# 1889

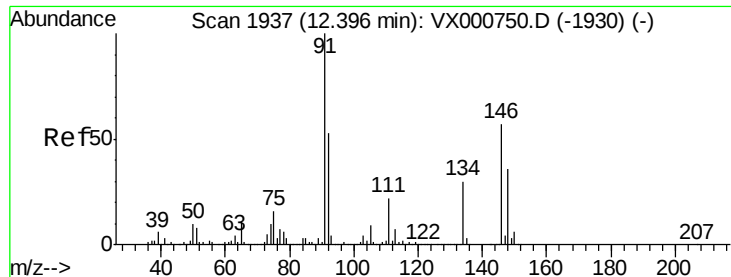
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion:	146	Resp:	146032
Ion Ratio	Lower	Upper	
146	100		
111	36.8	17.9	53.8
148	65.8	32.6	97.7





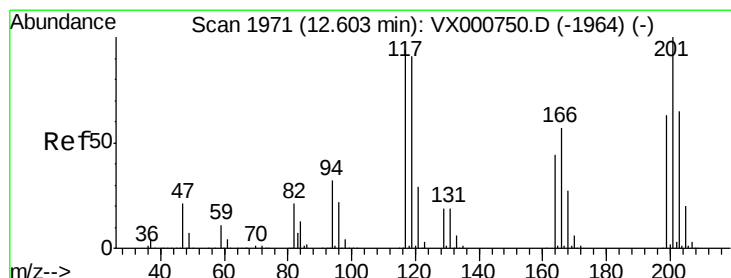
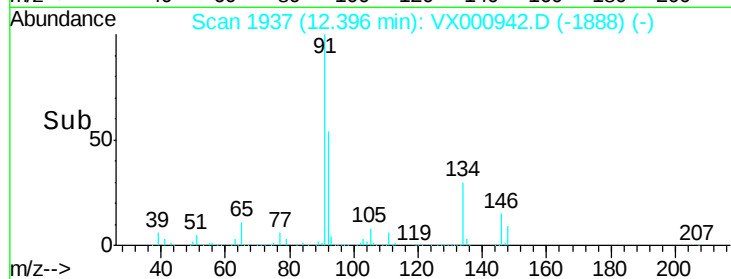
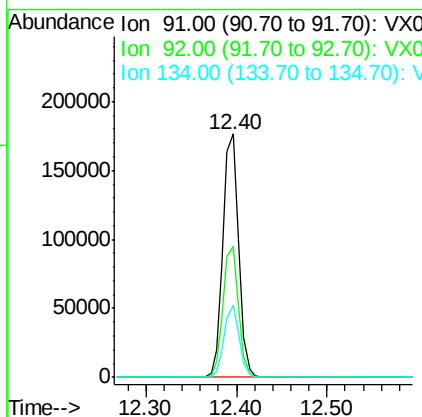
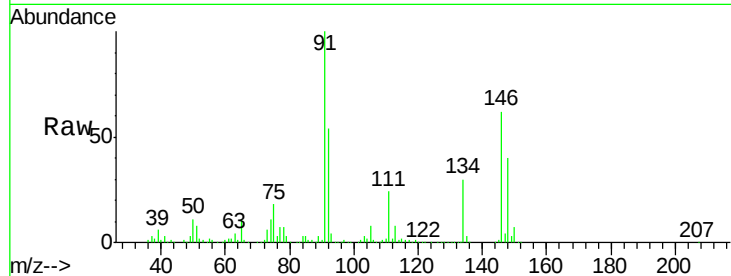
#89
n-Butylbenzene
Concen: 18.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	28.6	14.5	43.5

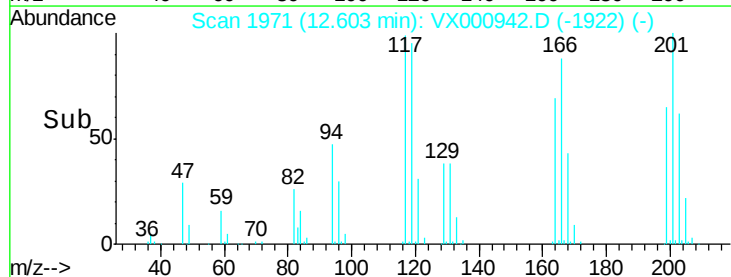
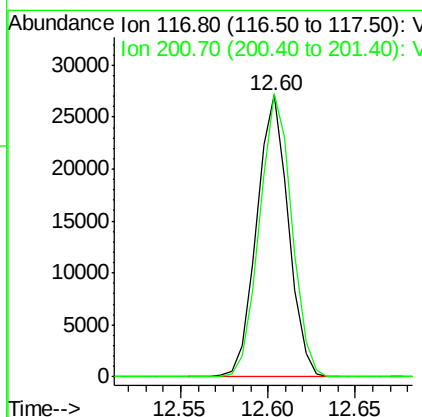
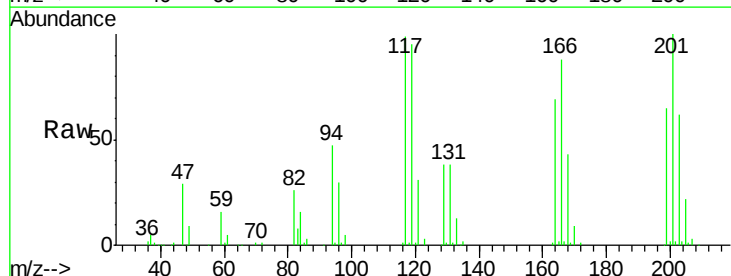
Manual Integrations
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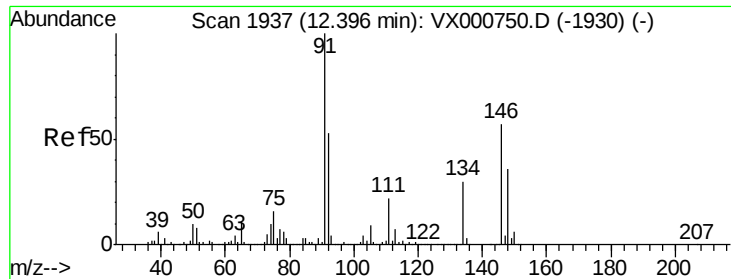
MMDadoda
4/18/2018 2:45:12 PM



#90
Hexachloroethane
Concen: 15.99 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.3	52.9	158.7





#91

1,2-Dichlorobenzene

Concen: 20.61 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS02

Tot Ion: 146 Resp: 141678

Ion Ratio Lower Upper

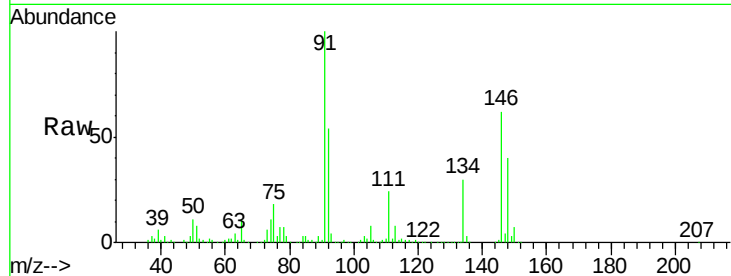
146 100

111 38.0 18.9 56.7

148 64.2 32.0 96.2

Manual Integrations
APPROVED

MMDadoda
4/18/2018 2:45:12 PM

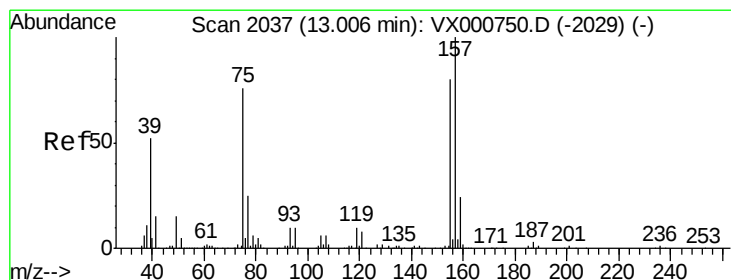
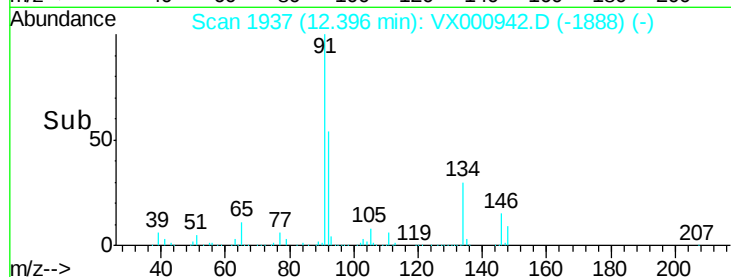
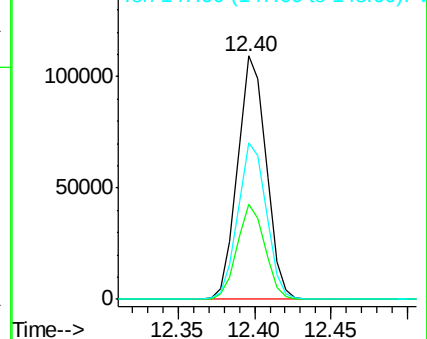


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.09 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

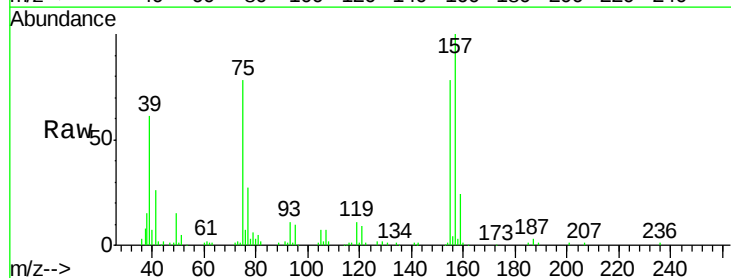
Tgt Ion: 75 Resp: 15356

Ion Ratio Lower Upper

75 100

155 100.1 51.9 155.8

157 133.1 66.6 199.8

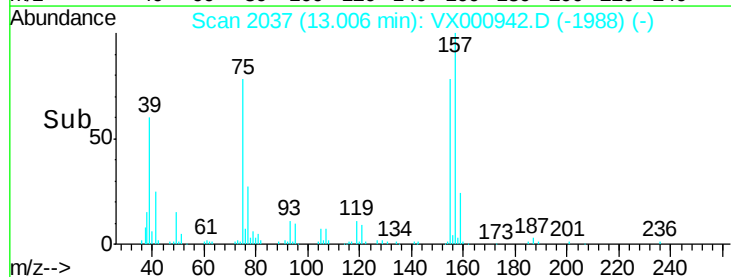
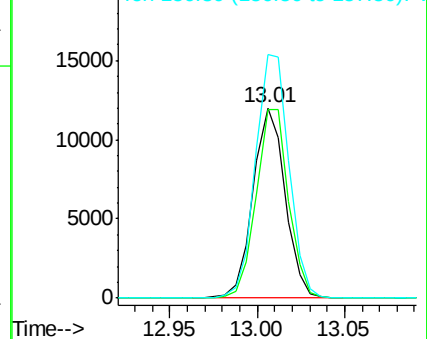


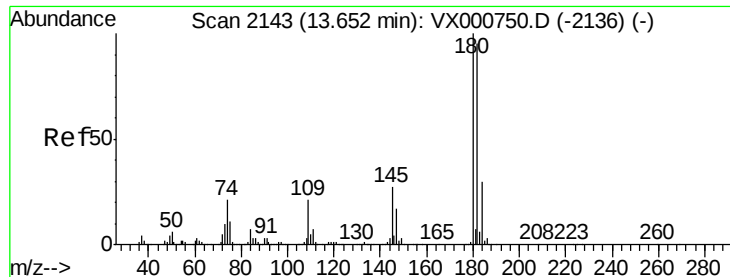
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





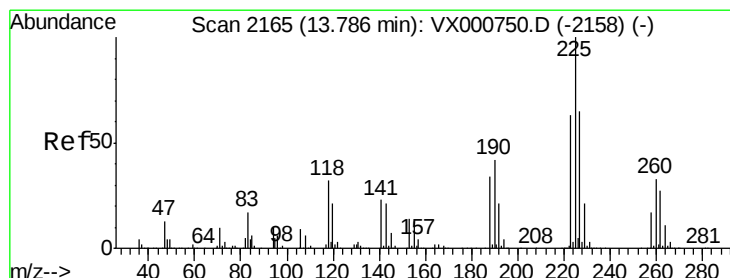
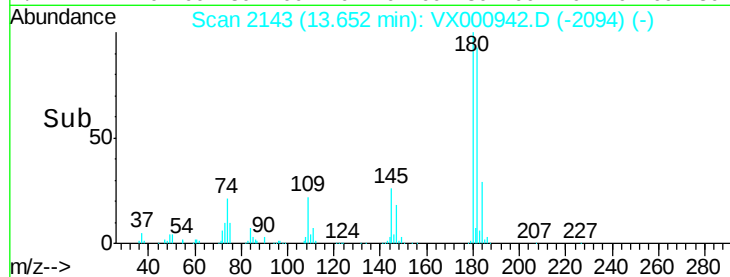
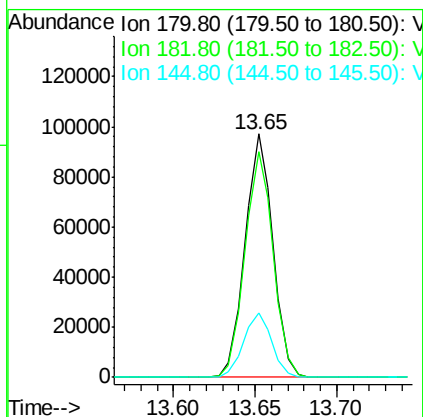
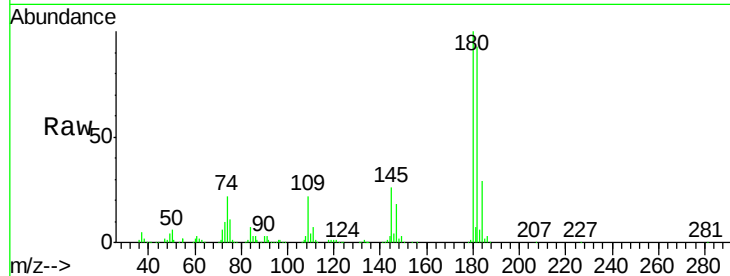
#93
 1,2,4-Trichlorobenzene
 Concen: 19.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115371		
182	94.2	47.5	142.5	
145	26.9	13.8	41.4	

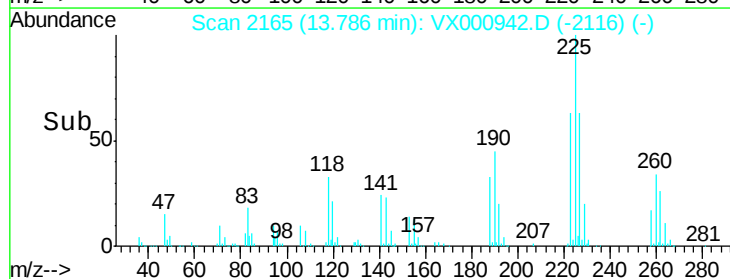
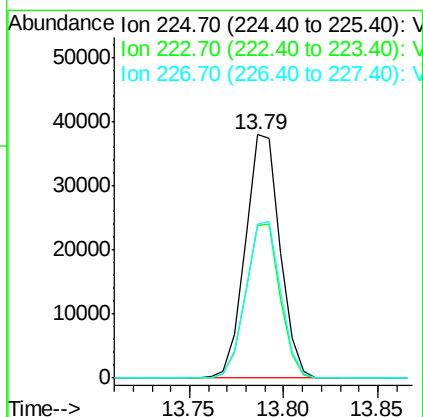
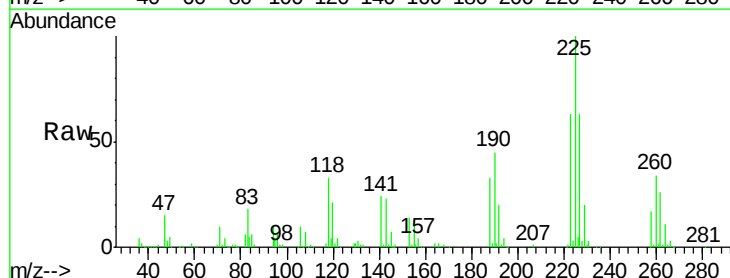
Manual Integrations
 APPROVED

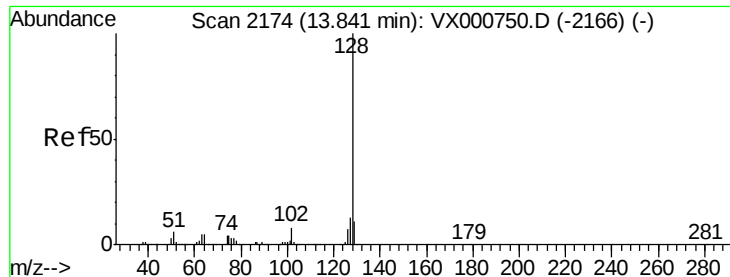
MMDadoda
 4/18/2018 2:45:12 PM



#94
 Hexachlorobutadiene
 Concen: 16.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48424		
223	62.8	31.2	93.6	
227	64.6	32.3	96.9	





#95

Naphthalene

Concen: 19.82 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

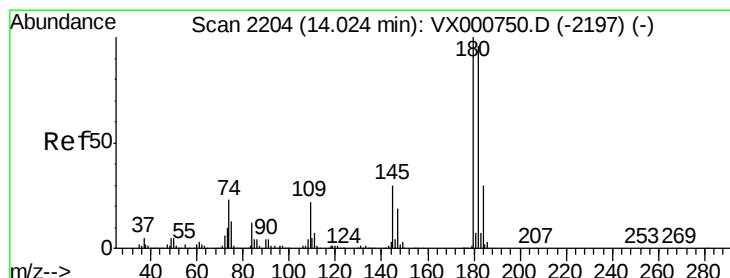
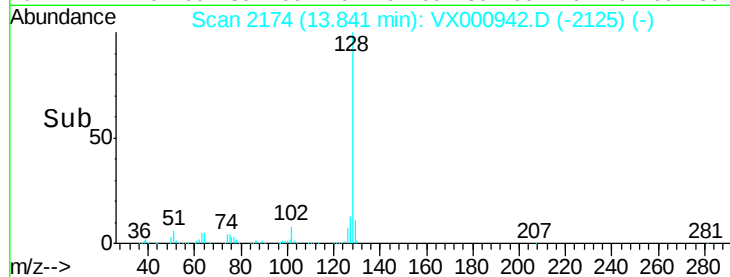
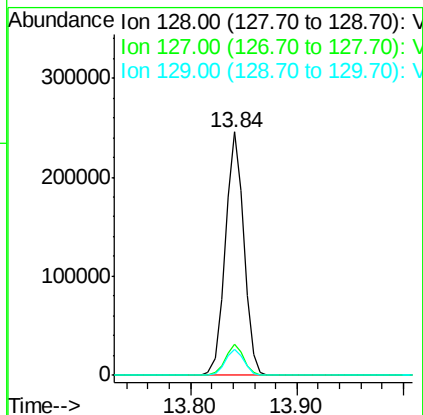
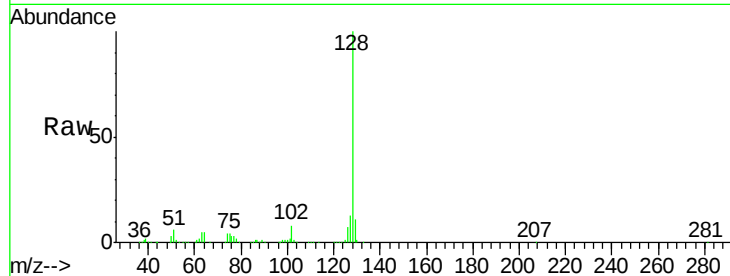
ClientSampleId :

VX0416WBS02

Tot Ion:	128	Resp:	298456
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/18/2018 2:45:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.48 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion:	180	Resp:	110998
Ion Ratio	Lower	Upper	
180	100		
182	97.6	48.4	145.2
145	29.6	14.6	43.8

