

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000758.D
 Acq On : 10 Apr 2018 19:54
 Operator : JC/MD
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:47 AM

Quant Time: Apr 11 08:43:59 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	264847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225858	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163038	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.64%		
35) Dibromofluoromethane	5.51	113	138097	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.22%		
50) Toluene-d8	8.72	98	498742	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.20%		
62) 4-Bromofluorobenzene	11.15	95	203460	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62726	20.98	ug/l	99
3) Chloromethane	1.32	50	50039	19.52	ug/l	100
4) Vinyl Chloride	1.40	62	58895	20.43	ug/l	96
5) Bromomethane	1.64	94	28864	23.45	ug/l	100
6) Chloroethane	1.73	64	35772	20.47	ug/l	99
7) Trichlorofluoromethane	1.93	101	88623	20.37	ug/l	99
8) Diethyl Ether	2.19	74	33174	20.41	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52224	20.36	ug/l	99
10) Methyl Iodide	2.51	142	24873	18.64	ug/l	99
11) Tert butyl alcohol	3.07	59	65925	111.19	ug/l	99
12) 1,1-Dichloroethene	2.38	96	49176	20.23	ug/l	99
13) Acrolein	2.30	56	26676	92.65	ug/l	97
14) Allyl chloride	2.73	41	92301	20.54	ug/l	98
15) Acrylonitrile	3.15	53	135237	106.99	ug/l	99
16) Acetone	2.45	43	123260	107.03	ug/l	98
17) Carbon Disulfide	2.57	76	143246	19.46	ug/l	100
18) Methyl Acetate	2.78	43	65675	22.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	168111	20.76	ug/l	99
20) Methylene Chloride	2.86	84	59057	22.05	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53112	19.81	ug/l	98
22) Diisopropyl ether	3.88	45	176791	21.40	ug/l	98
23) Vinyl Acetate	3.83	43	786843	108.49	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96225	20.76	ug/l	99
25) 2-Butanone	4.71	43	205972	108.31	ug/l	99
26) 2,2-Dichloropropane	4.59	77	89281	19.41	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	62337	20.49	ug/l	100
28) Bromochloromethane	5.03	49	38428	20.59	ug/l	98
29) Tetrahydrofuran	5.17	42	131392	108.81	ug/l	100
30) Chloroform	5.23	83	101995	20.78	ug/l	95
31) Cyclohexane	5.59	56	88043	20.00	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	96400	20.62	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76567	19.43	ug/l	99
37) Ethyl Acetate	4.87	43	81899	21.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	88518	20.07	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	91996	19.44	ug/l	97
40) Benzene	6.15	78	222616	20.34	ug/l	99
41) Methacrylonitrile	5.07	41	46537	20.94	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82929	20.28	ug/l	100
43) Isopropyl Acetate	6.48	43	135577	20.56	ug/l	100
44) Trichloroethene	7.22	130	68518	20.13	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57380	20.58	ug/l	96
46) Dibromomethane	7.67	93	39454	20.30	ug/l	100
47) Bromodichloromethane	7.91	83	79563	20.28	ug/l	99
48) Methyl methacrylate	7.79	41	71006	20.77	ug/l	99
49) 1,4-Dioxane	7.76	88	29140	424.24	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	414797	107.09	ug/l	99
52) Toluene	8.79	92	146123	20.12	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	94444	20.07	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	91221	19.91	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	58111	20.16	ug/l	97
56) Ethyl methacrylate	9.19	69	90243	20.29	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95201	20.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222076	106.87	ug/l	100
59) 2-Hexanone	9.51	43	319412	106.82	ug/l	100
60) Dibromochloromethane	9.59	129	68782	19.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61961	20.26	ug/l	100
64) Tetrachloroethene	9.34	164	67381	20.25	ug/l	99
65) Chlorobenzene	10.15	112	170507	19.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64573	20.04	ug/l	99
67) Ethyl Benzene	10.26	91	286305	20.06	ug/l	99
68) m/p-Xylenes	10.37	106	223828	39.74	ug/l	100
69) o-Xylene	10.71	106	108894	20.06	ug/l	99
70) Styrene	10.72	104	181652	19.85	ug/l	99
71) Bromoform	10.87	173	58872	19.74	ug/l	99
73) Isopropylbenzene	11.02	105	293591	20.49	ug/l	99
74) N-amyl acetate	6.48	43	135577	21.01	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	84870	20.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81029m	20.80	ug/l	
77) Bromobenzene	11.26	156	85428	20.34	ug/l	99
78) n-propylbenzene	11.37	91	331150	20.21	ug/l	100
79) 2-Chlorotoluene	11.43	91	195503	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250874	20.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27231	19.23	ug/l	96
82) 4-Chlorotoluene	11.52	91	235283	20.12	ug/l	100
83) tert-Butylbenzene	11.78	119	258600	20.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	260570	20.48	ug/l	99
85) sec-Butylbenzene	11.95	105	301686	20.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	280101	20.20	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	156911	20.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	158939	19.95	ug/l	99
89) n-Butylbenzene	12.40	91	244970	20.01	ug/l	100
90) Hexachloroethane	12.60	117	46152	19.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	151653	20.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21459	20.60	ug/l	95

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ClientSampleId :
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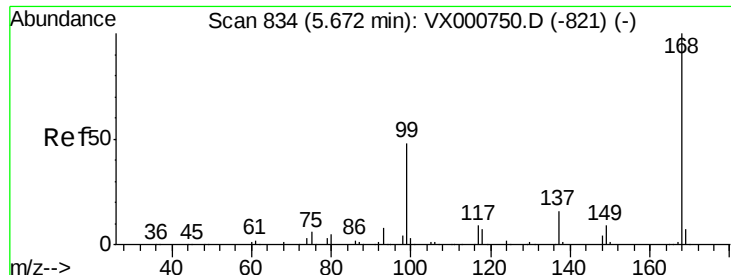
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127796	19.96	ug/l	98
94) Hexachlorobutadiene	13.79	225	61977	19.69	ug/l	99
95) Naphthalene	13.84	128	341829	20.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125066	20.11	ug/l	100

(#) = 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: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:168 Resp: 264847

Ion Ratio Lower Upper

168 100

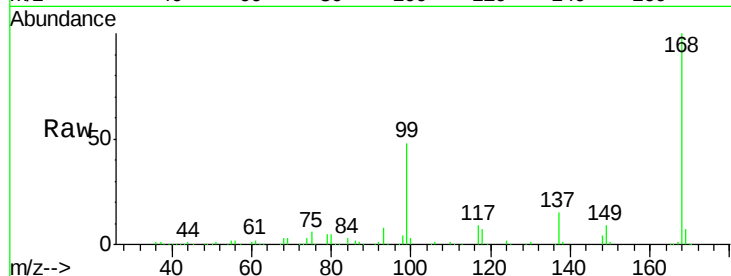
99 47.8 38.3 57.5

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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

100000

80000

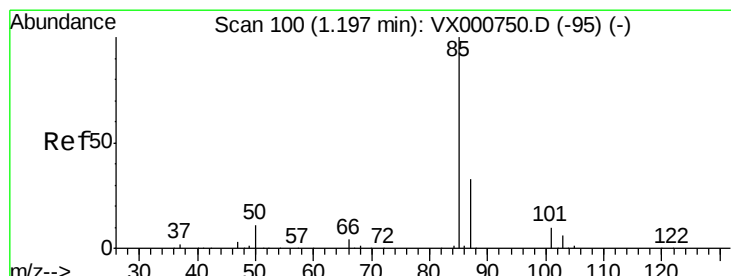
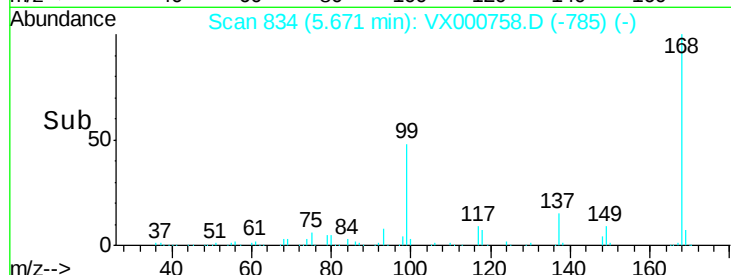
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000758.D

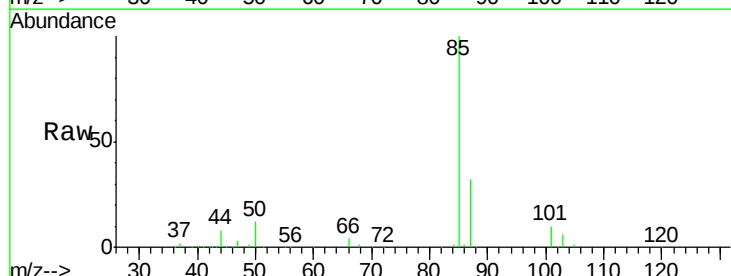
Acq: 10 Apr 2018 19:54

Tgt Ion: 85 Resp: 62726

Ion Ratio Lower Upper

85 100

87 31.8 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

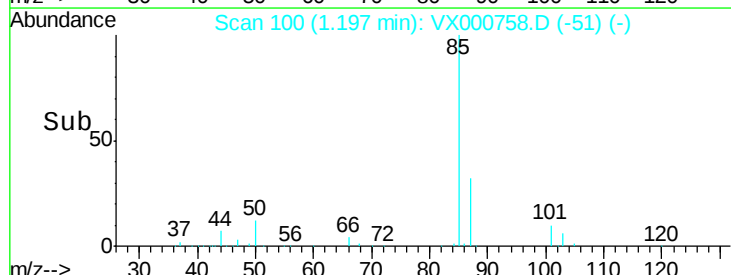
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 50 Resp: 50039

Ion Ratio Lower Upper

50 100

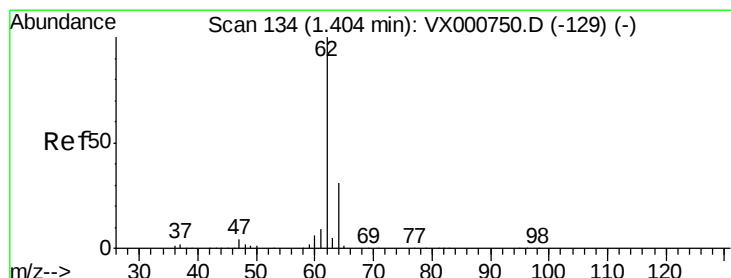
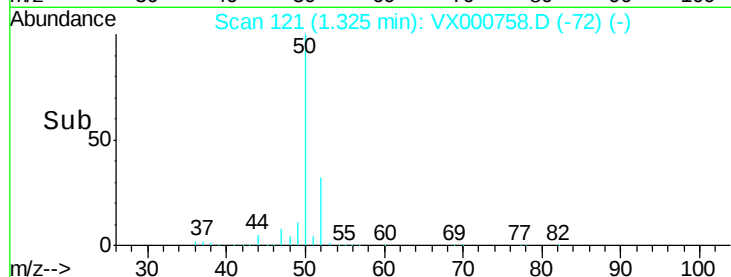
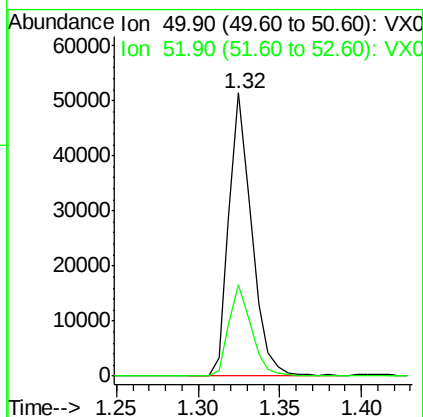
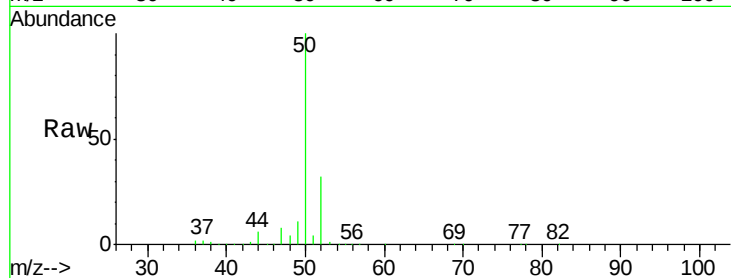
52 32.5 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000758.D

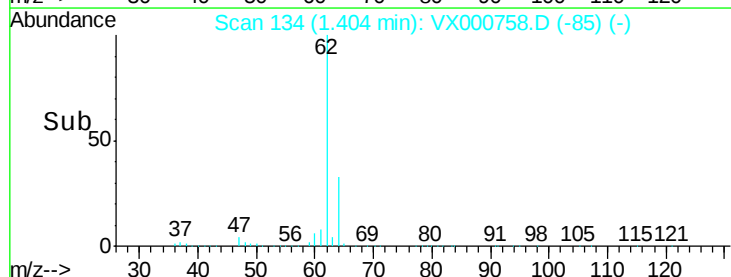
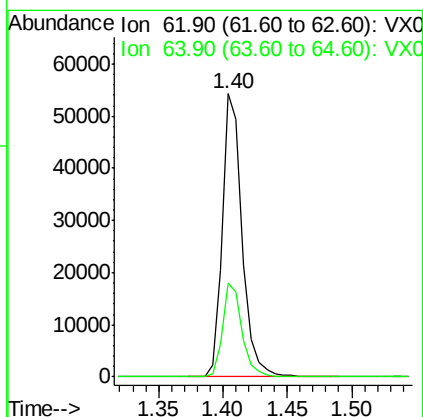
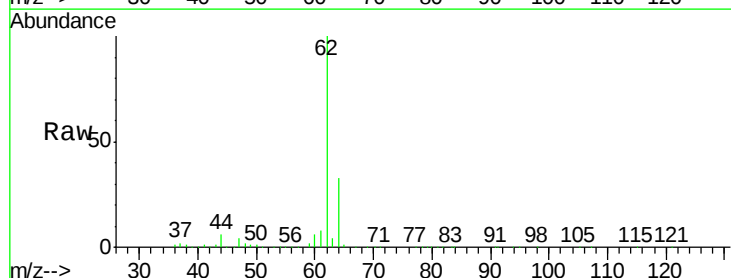
Acq: 10 Apr 2018 19:54

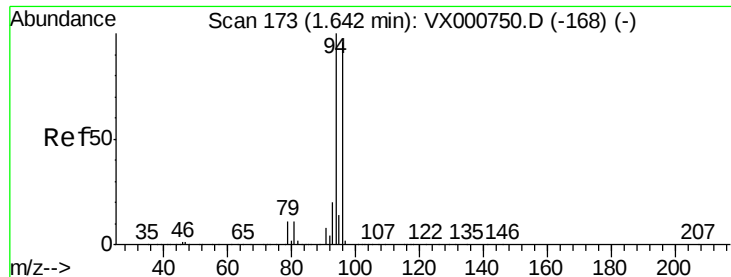
Tgt Ion: 62 Resp: 58895

Ion Ratio Lower Upper

62 100

64 33.0 24.6 36.8





#5

Bromomethane

Concen: 23.45 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS01

Tot Ion: 94 Resp: 28864

Ion Ratio Lower Upper

94 100

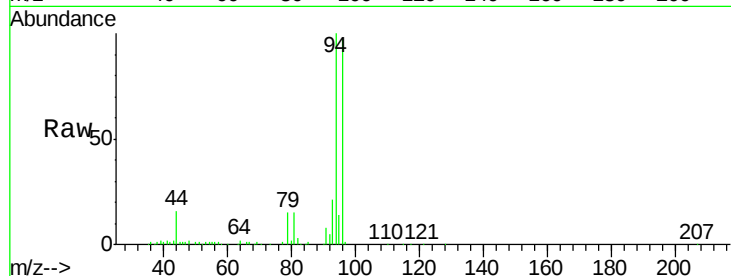
96 96.7 77.0 115.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

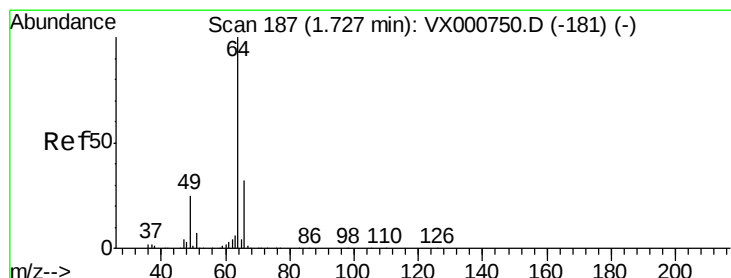
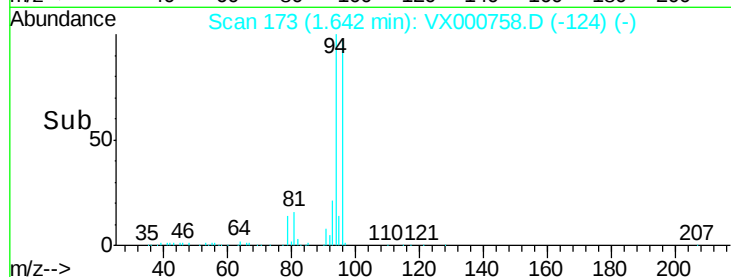
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5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000758.D

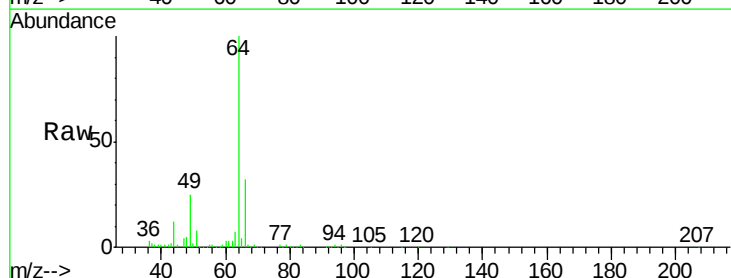
Acq: 10 Apr 2018 19:54

Tgt Ion: 64 Resp: 35772

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

30000

25000

20000

15000

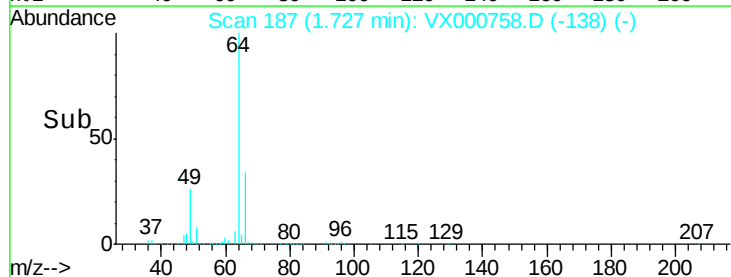
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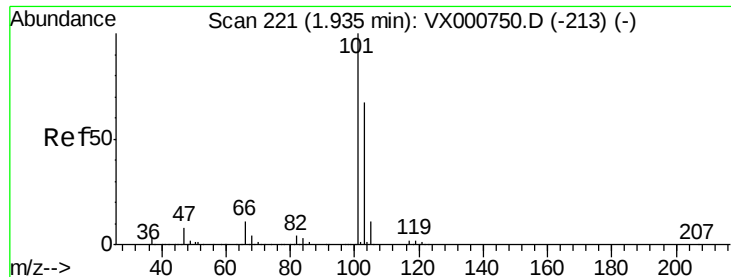
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Time-->

1.65 1.70 1.75 1.80 1.85





#7

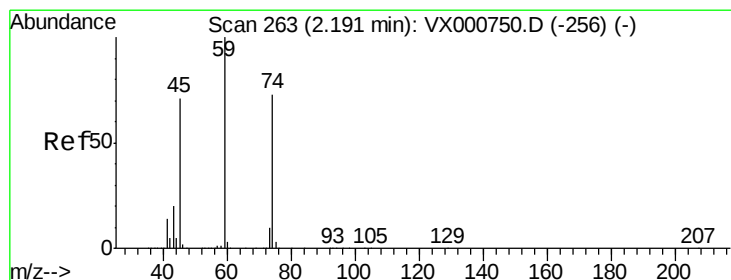
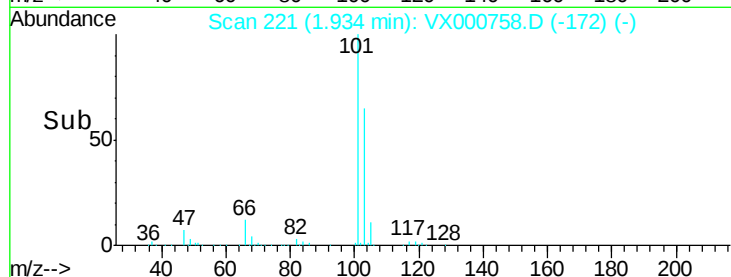
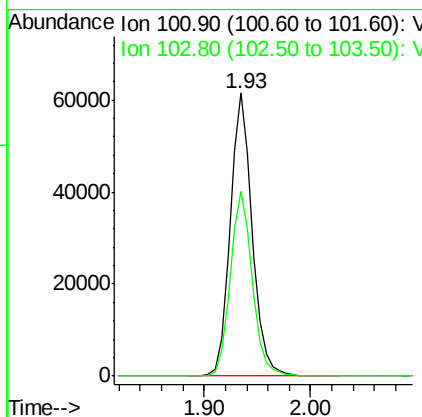
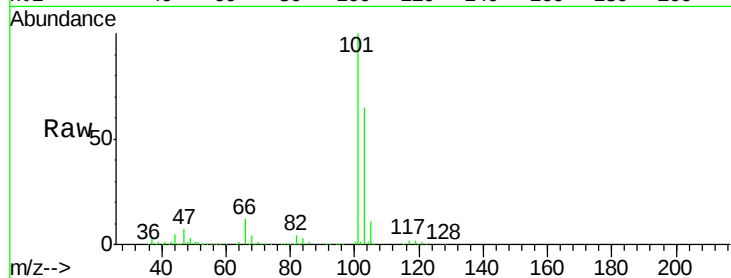
Trichlorofluoromethane
 Concen: 20.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	53.2	79.8

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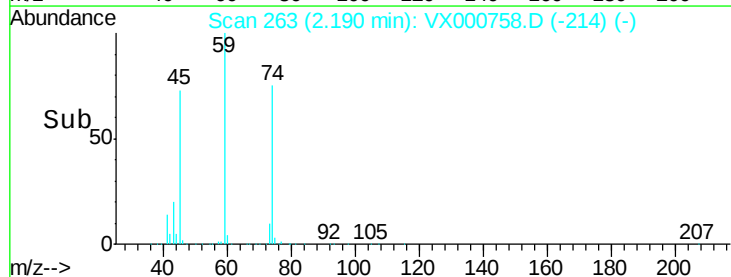
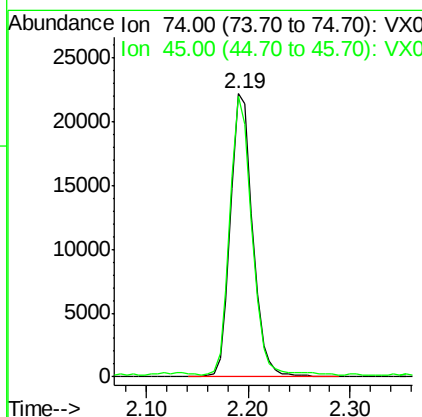
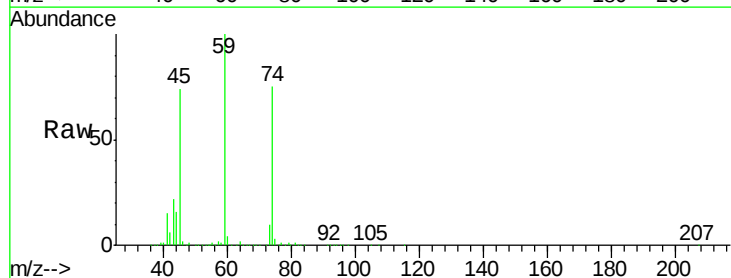
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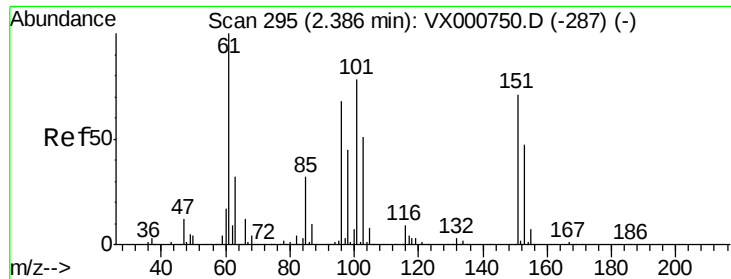


#8

Diethyl Ether
 Concen: 20.41 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.36 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

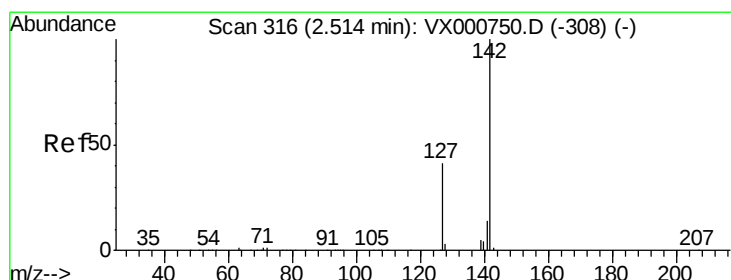
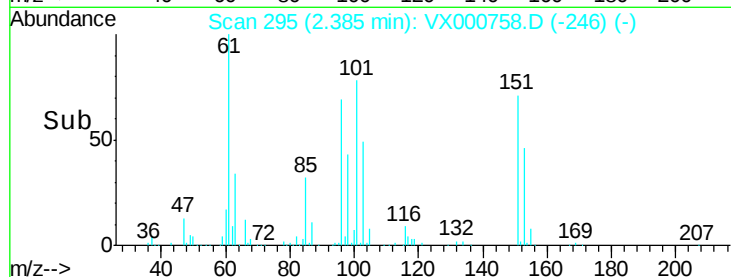
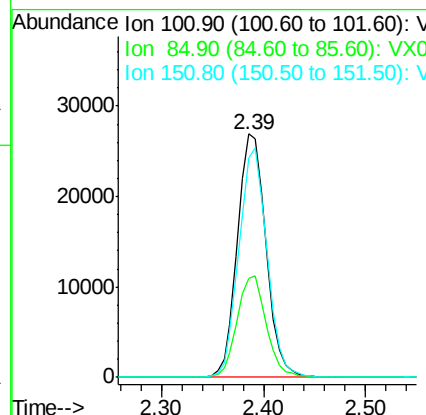
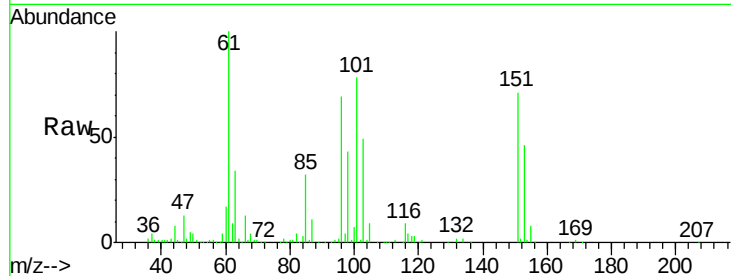
ClientSampleId :

VX0410WBS01

Tot Ion:	101	Resp:	52224
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.0	51.0
151	92.9	75.8	113.8

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#10

Methyl Iodide

Concen: 18.64 ug/l

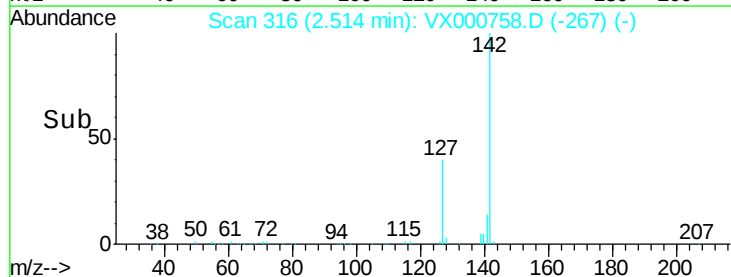
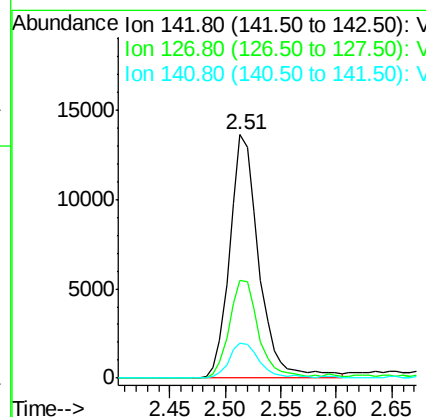
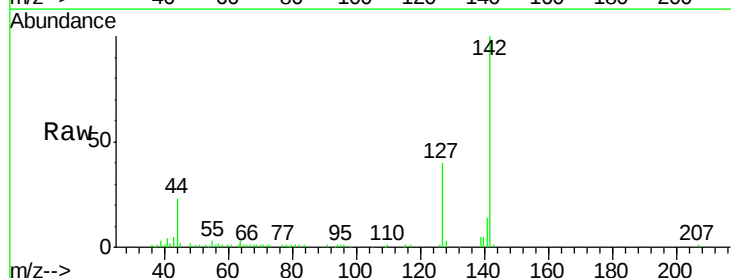
RT: 2.51 min Scan# 316

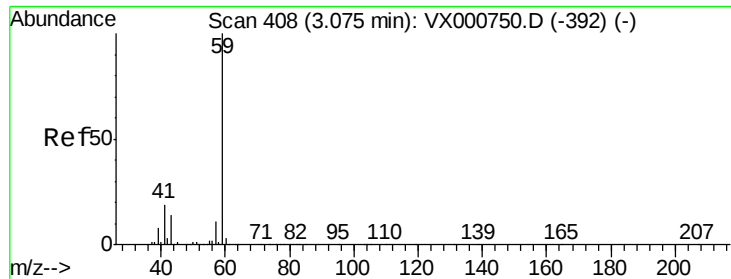
Delta R.T. 0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	142	Resp:	24873
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.6	49.0
141	15.0	11.5	17.3





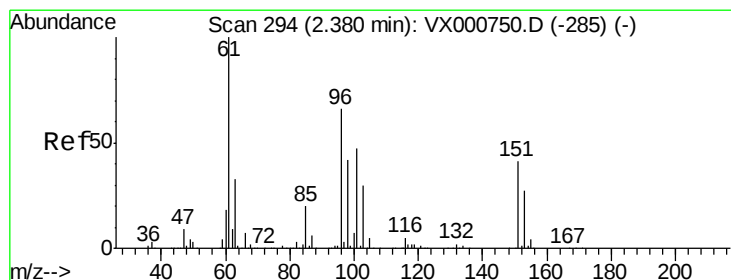
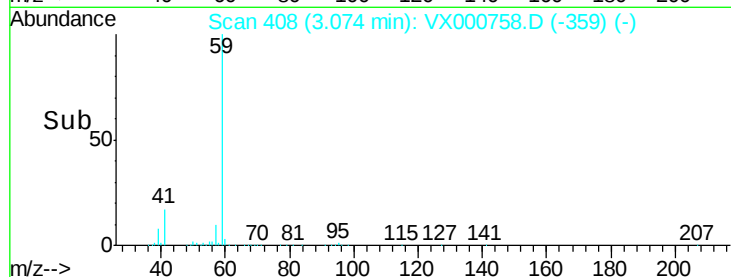
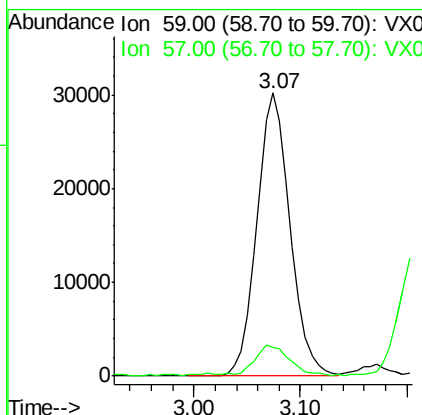
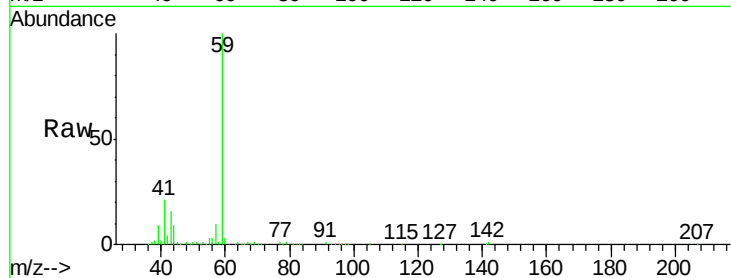
#11
Tert butyl alcohol
Concen: 111.19 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

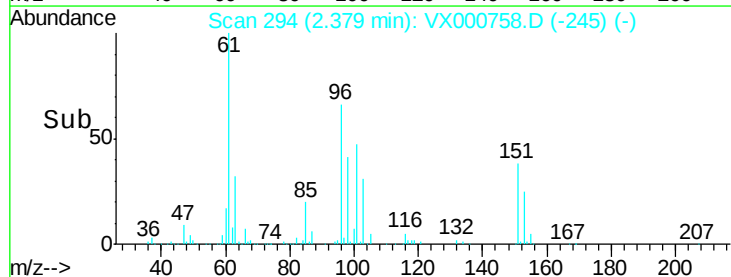
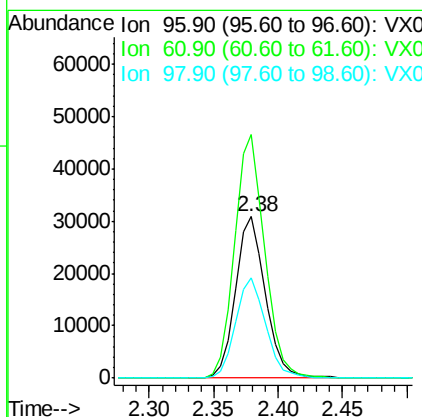
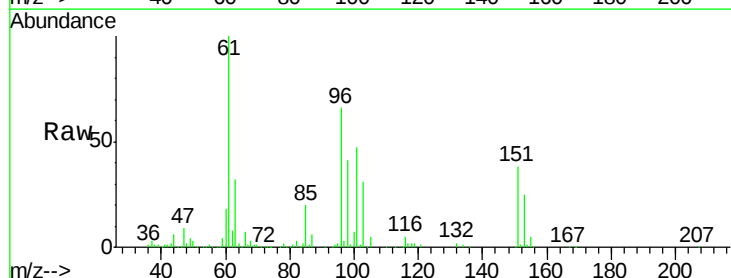
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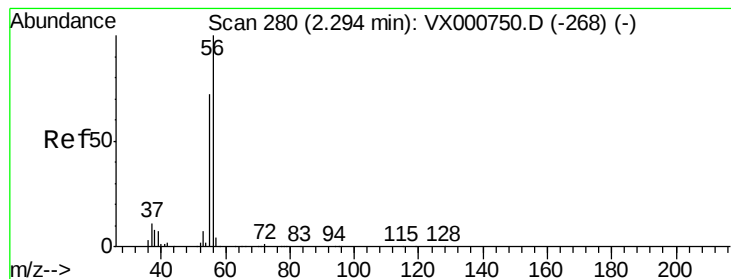
MMDadoda
4/11/2018 11:20:47 AM



#12
1,1-Dichloroethene
Concen: 20.23 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	120.5	180.7
98	62.5	50.9	76.3





#13

Acrolein

Concen: 92.65 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 56 Resp: 26676

Ion Ratio Lower Upper

56 100

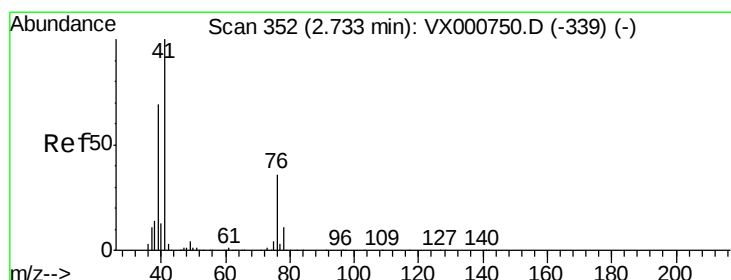
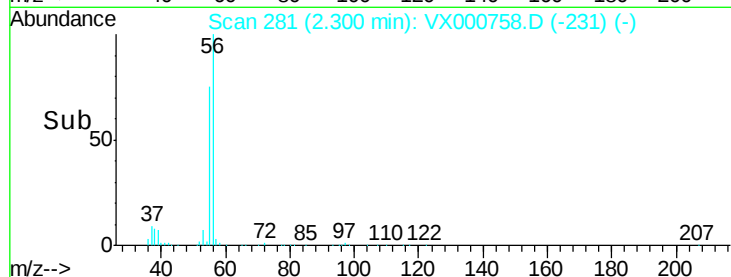
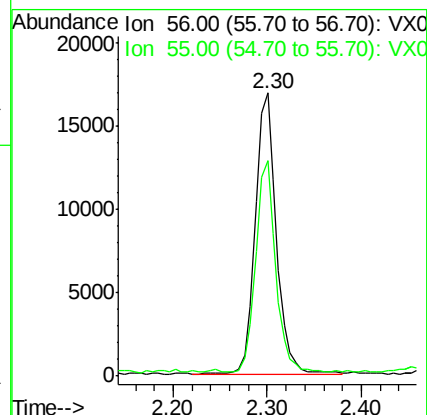
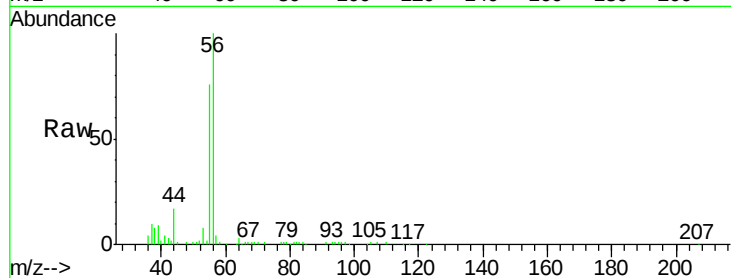
55 70.9 58.7 88.1

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#14

Allyl chloride

Concen: 20.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

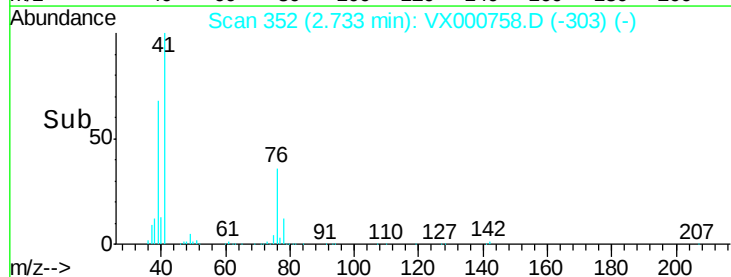
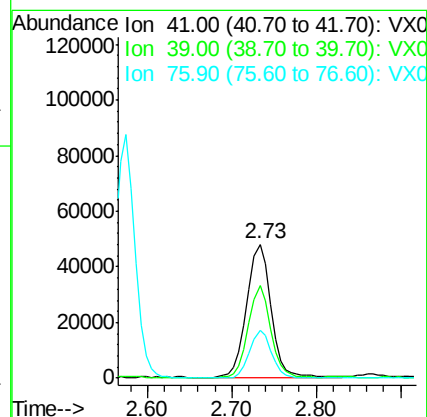
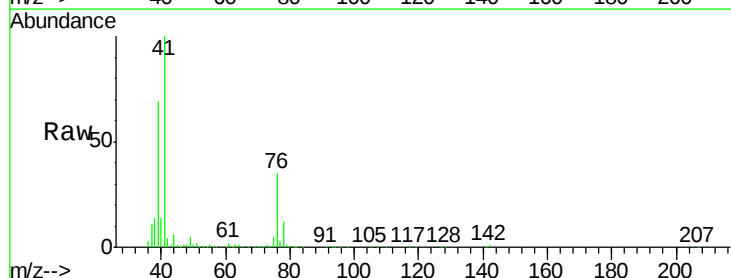
Tgt Ion: 41 Resp: 92301

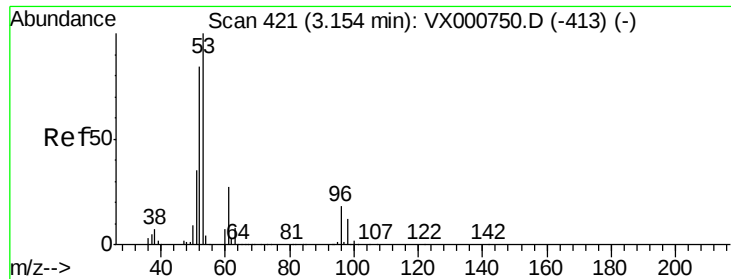
Ion Ratio Lower Upper

41 100

39 62.9 51.5 77.3

76 32.7 26.5 39.7





#15

Acrylonitrile

Concen: 106.99 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

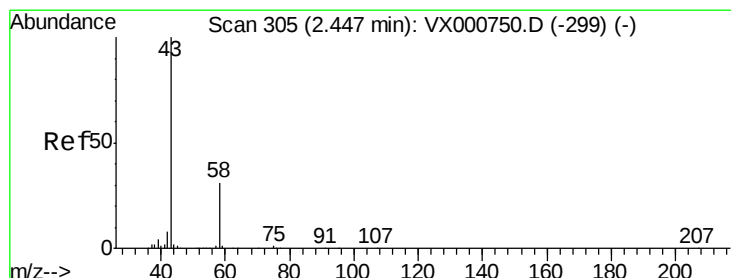
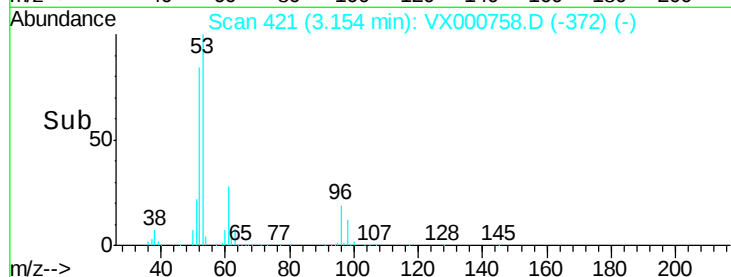
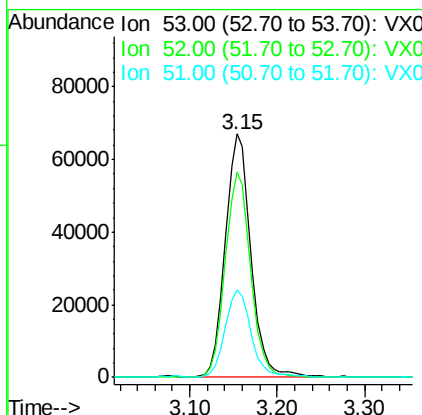
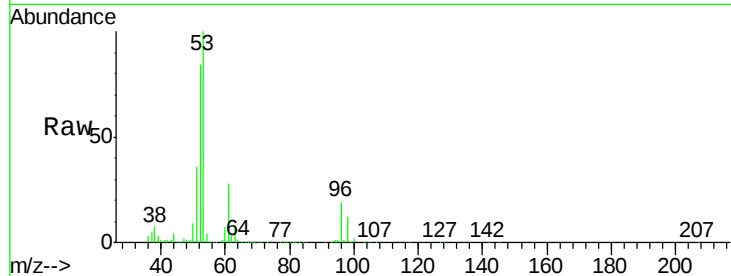
ClientSampleId :

VX0410WBS01

Tot Ion:	53	Resp:	135237
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.5	99.7
51	36.3	28.8	43.2

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#16

Acetone

Concen: 107.03 ug/l

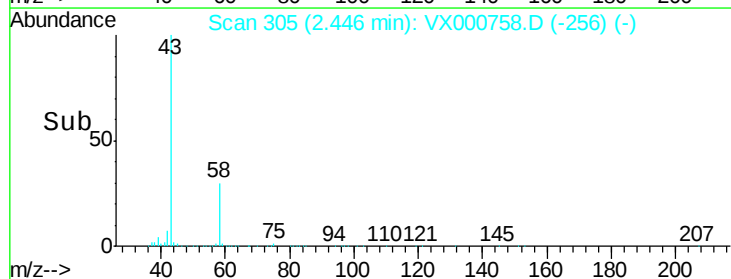
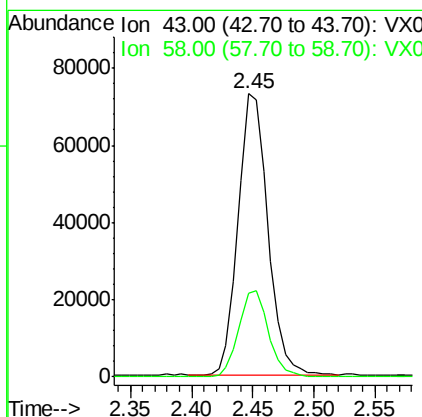
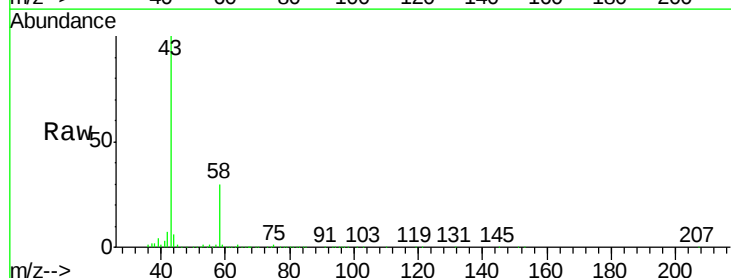
RT: 2.45 min Scan# 305

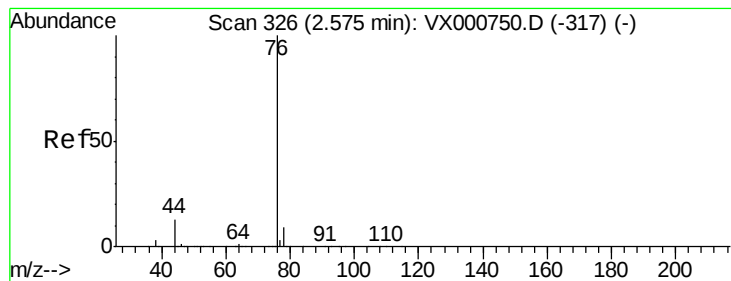
Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	43	Resp:	123260
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.6	37.0





#17

Carbon Disulfide

Concen: 19.46 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 76 Resp: 143246

Ion Ratio Lower Upper

76 100

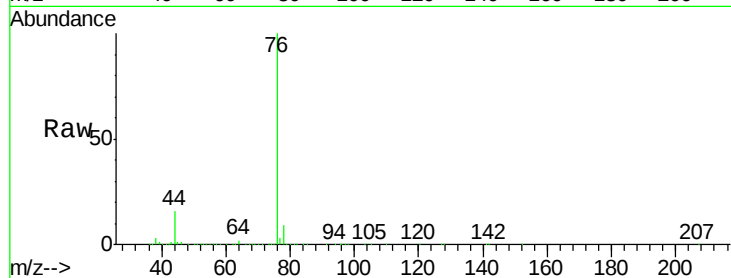
78 9.4 7.4 11.2

Manual Integrations

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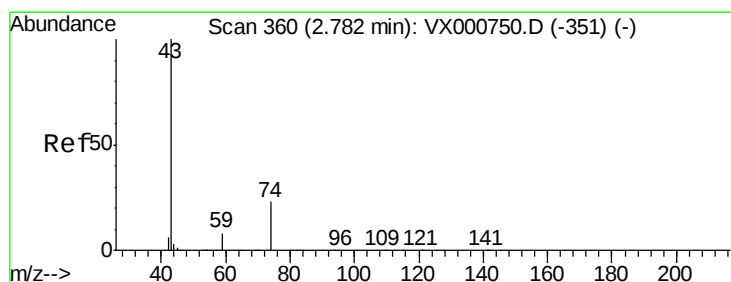
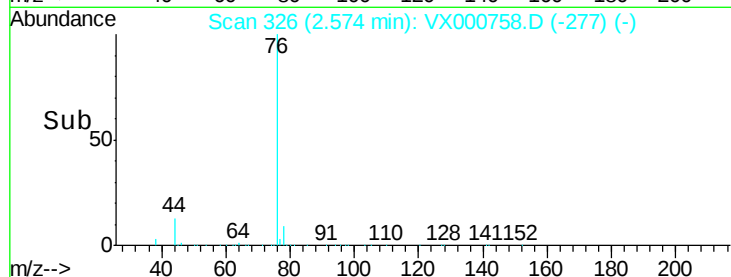
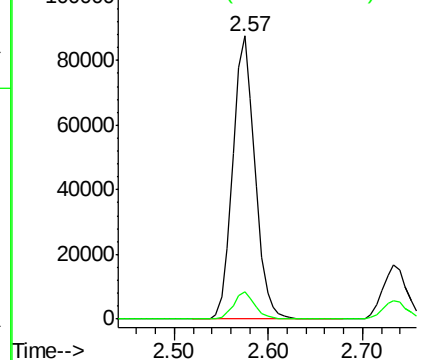
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000758.D

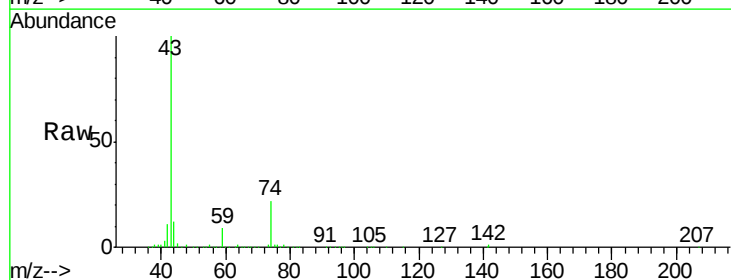
Acq: 10 Apr 2018 19:54

Tgt Ion: 43 Resp: 65675

Ion Ratio Lower Upper

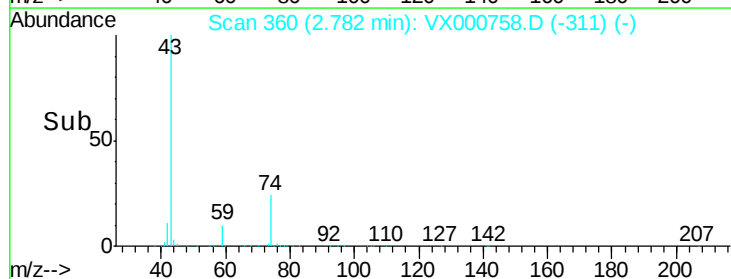
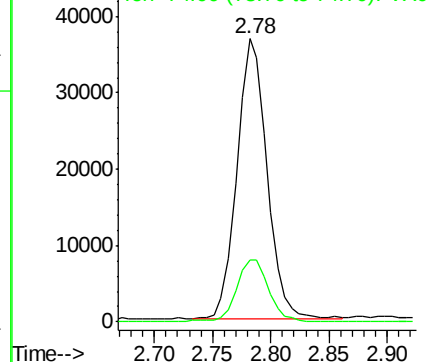
43 100

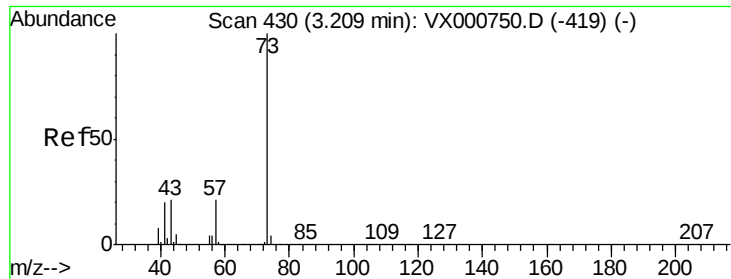
74 24.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





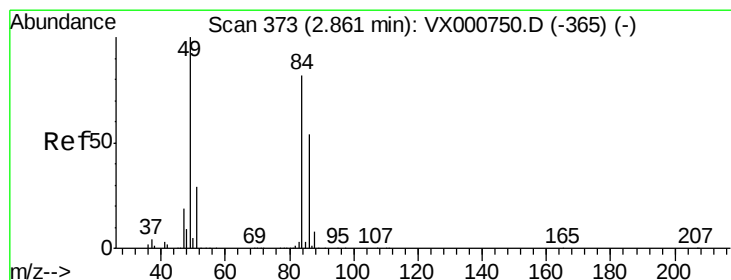
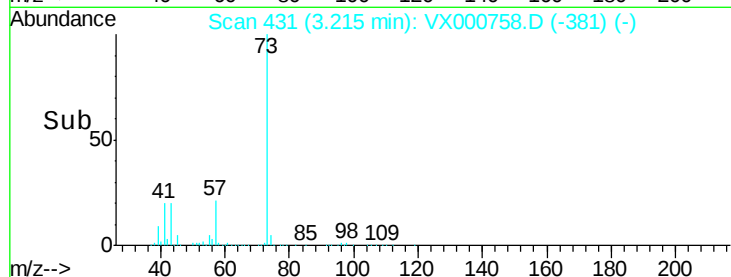
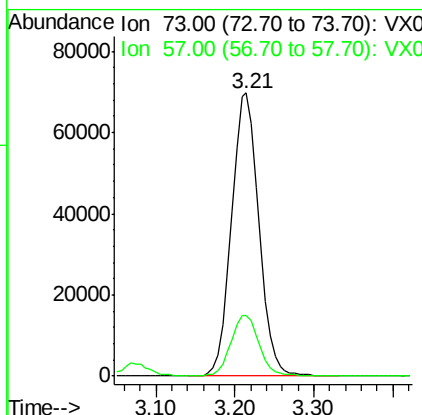
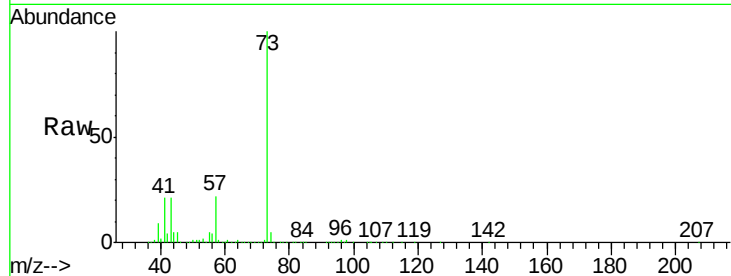
#19
Methyl tert-butyl Ether
Concen: 20.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

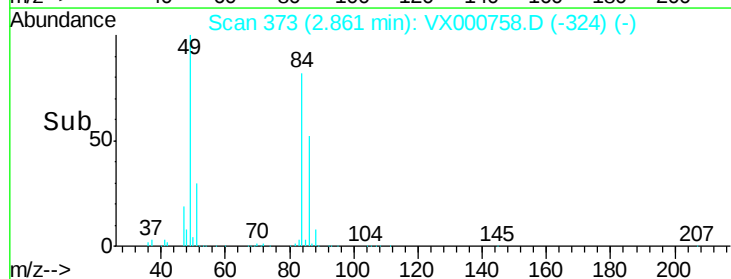
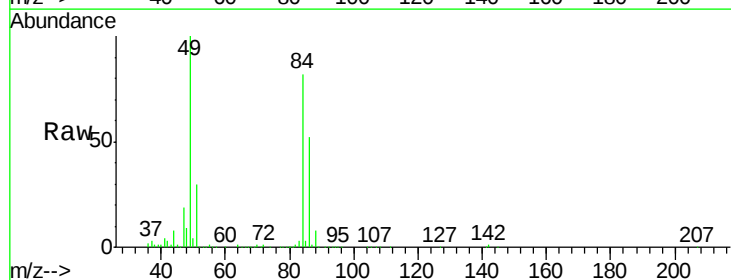
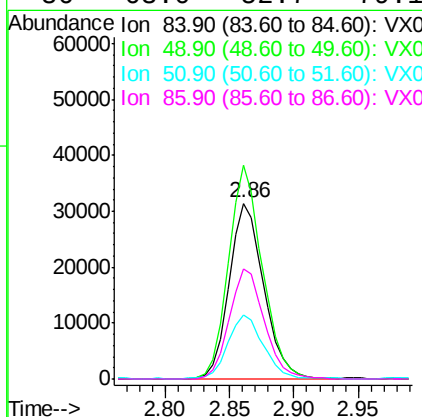
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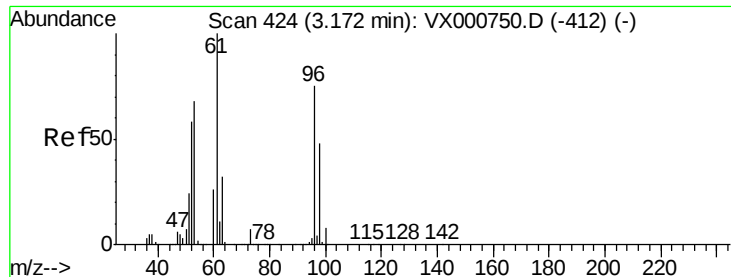
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#20
Methylene Chloride
Concen: 22.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	98.1	147.1
51	36.1	28.9	43.3
86	63.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 19.81 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

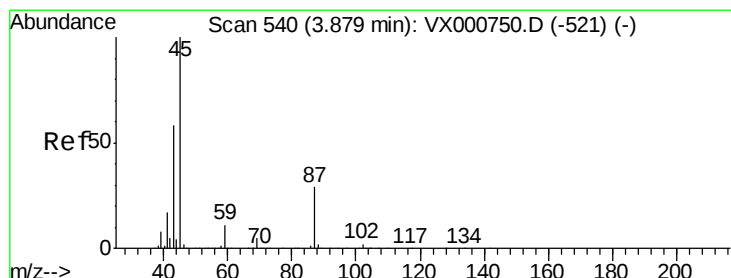
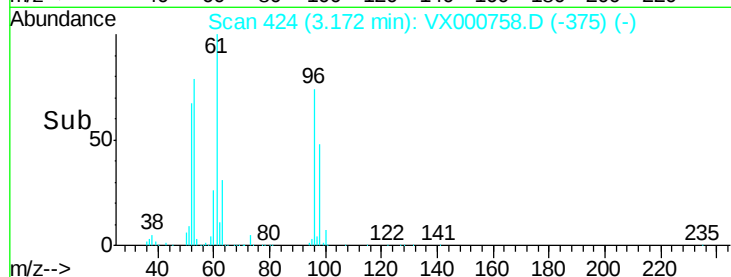
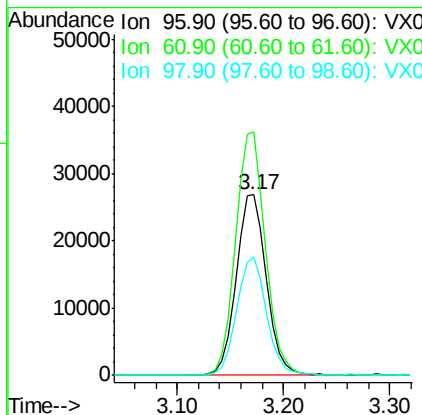
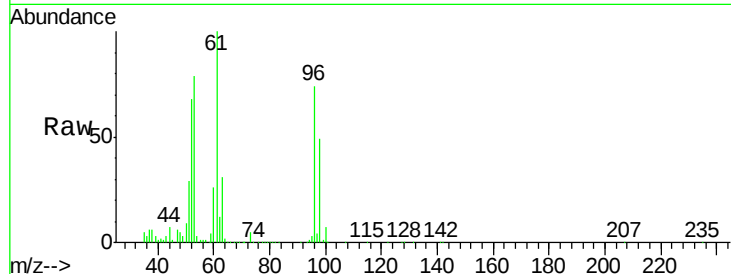
ClientSampleId :

VX0410WBS01

Tot Ion:	96	Resp:	53112
Ion Ratio	Lower	Upper	
96	100		
61	135.2	106.2	159.2
98	65.4	51.2	76.8

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#22

Diisopropyl ether

Concen: 21.40 ug/l

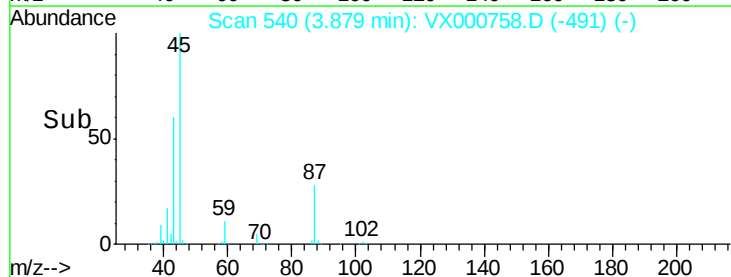
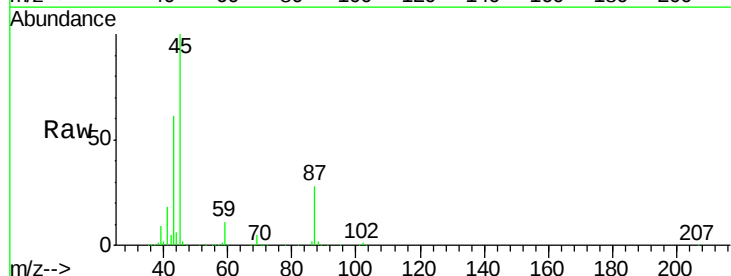
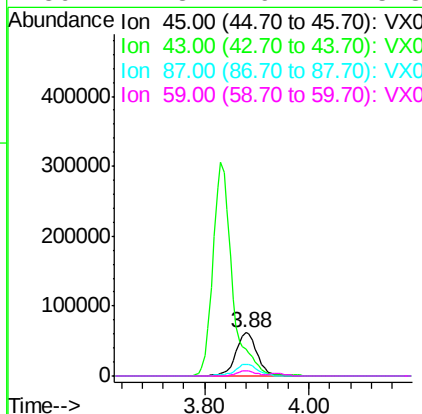
RT: 3.88 min Scan# 540

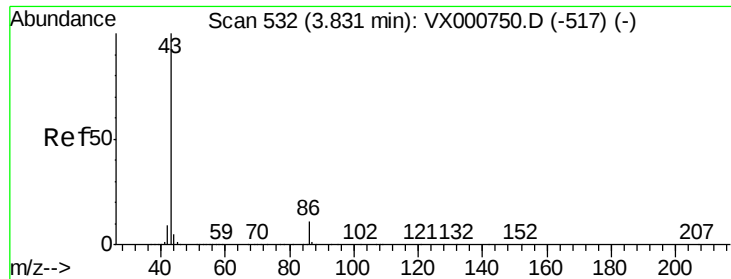
Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	45	Resp:	176791
Ion Ratio	Lower	Upper	
45	100		
43	60.4	46.6	69.8
87	27.7	22.9	34.3
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 108.49 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS01

Tot Ion: 43 Resp: 786843

Ion Ratio Lower Upper

43 100

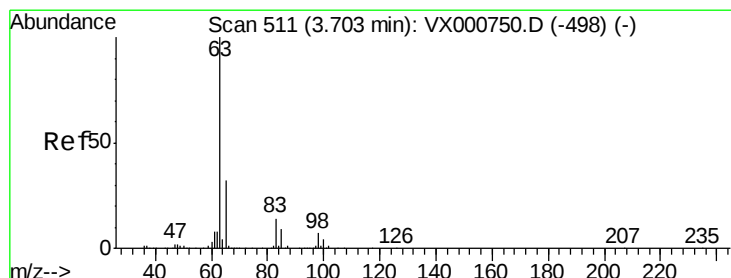
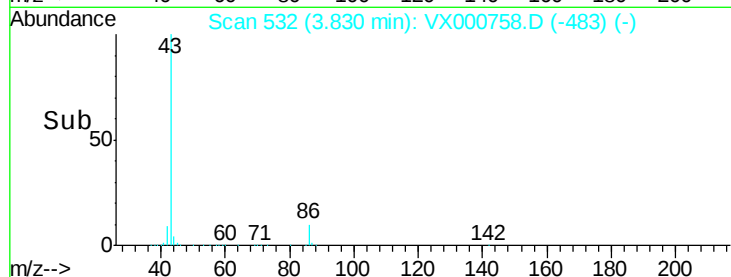
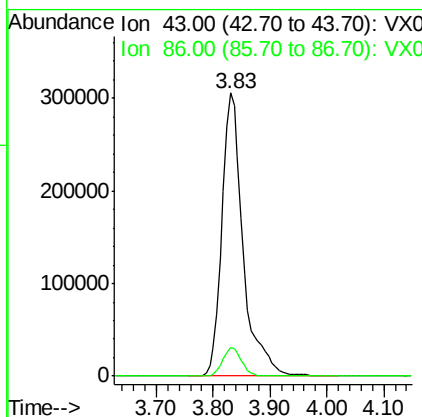
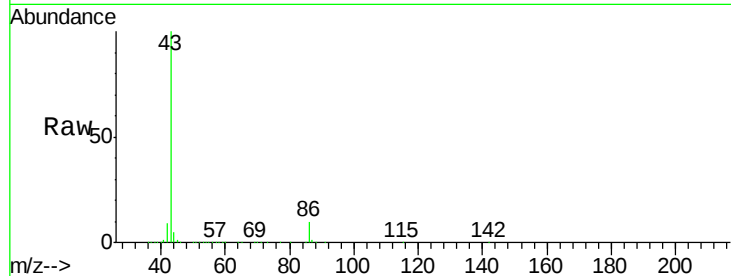
86 10.0 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

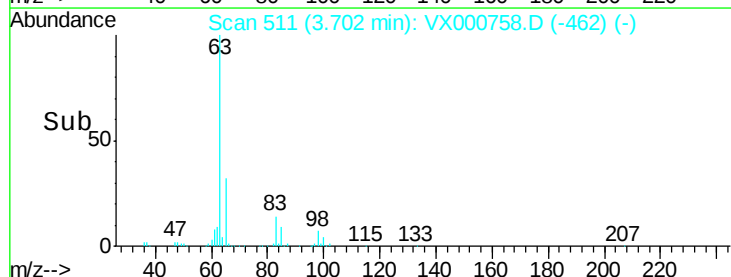
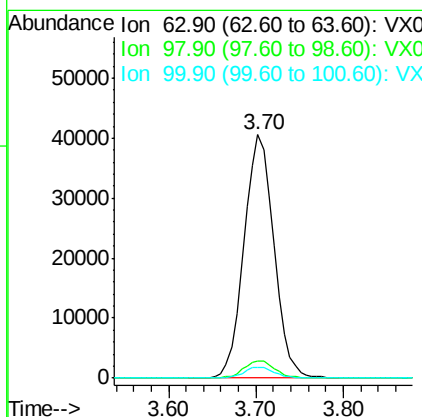
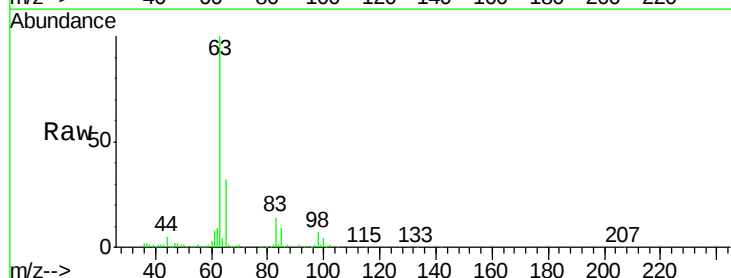
Tgt Ion: 63 Resp: 96225

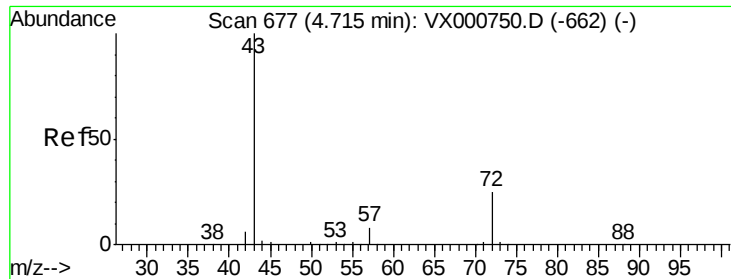
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 108.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 43 Resp: 205972

Ion Ratio Lower Upper

43 100

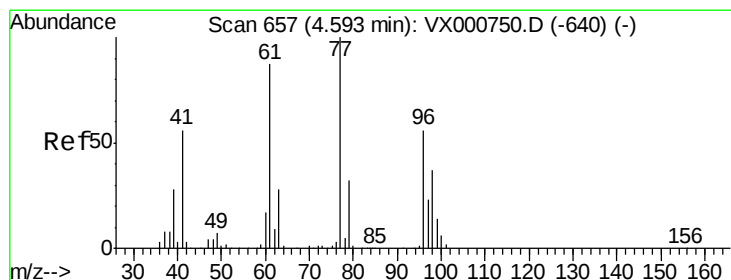
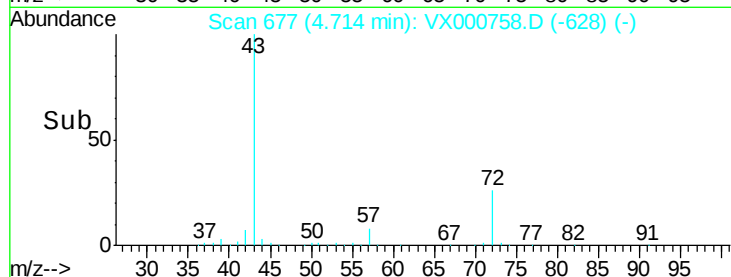
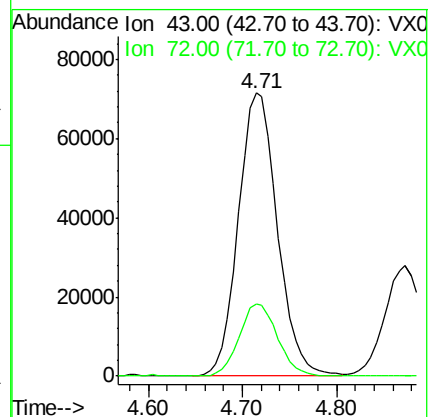
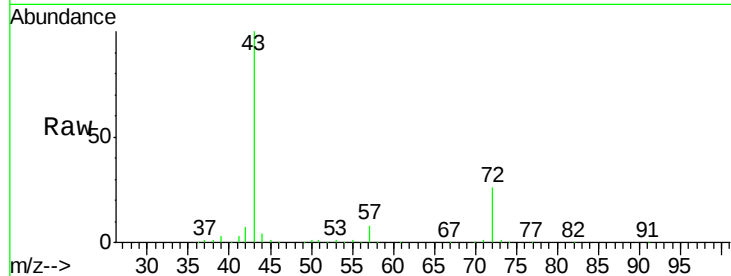
72 25.7 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 19.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000758.D

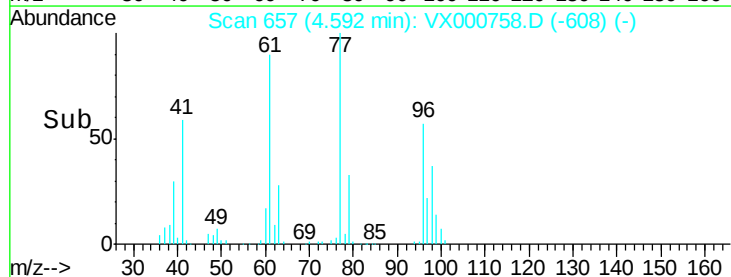
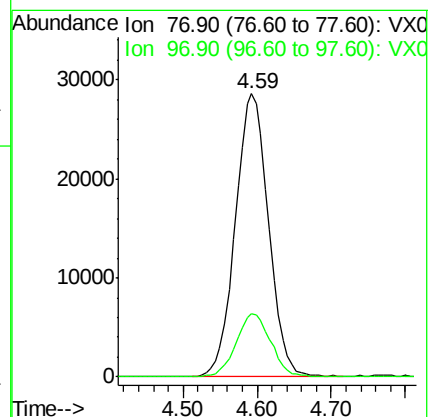
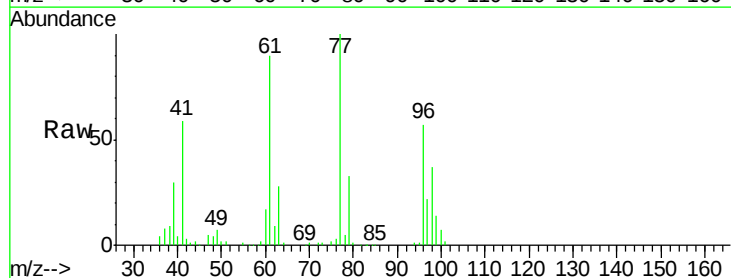
Acq: 10 Apr 2018 19:54

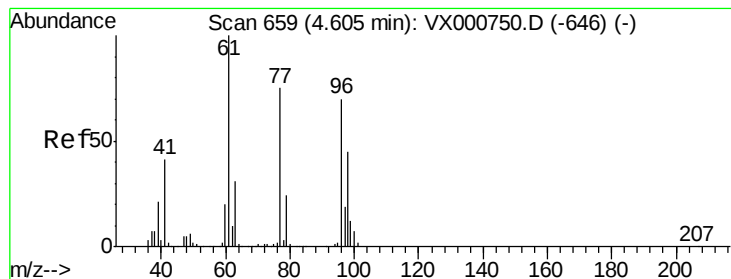
Tgt Ion: 77 Resp: 89281

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

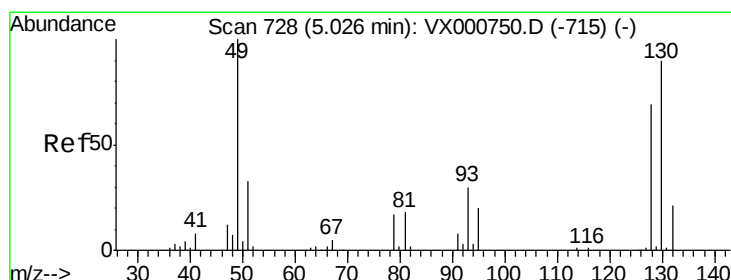
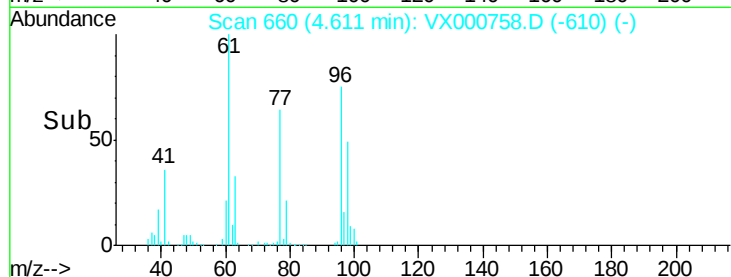
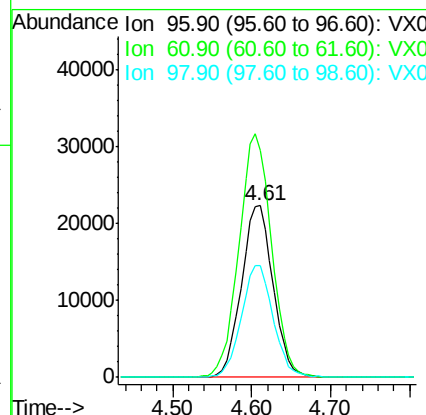
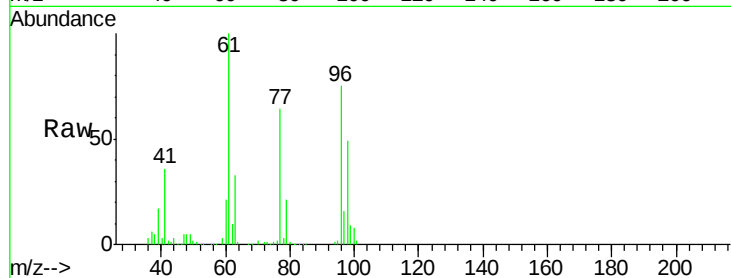
cis-1,2-Dichloroethene
Concen: 20.49 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampled :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	292.4
98	65.3	0.0	130.2

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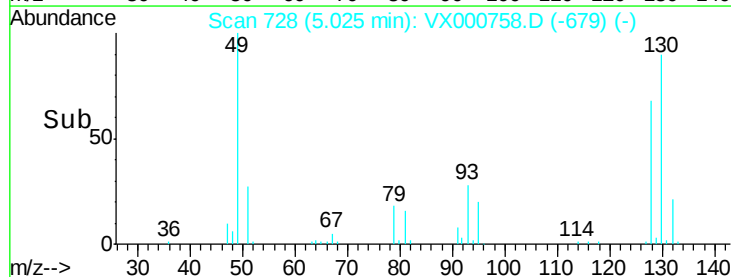
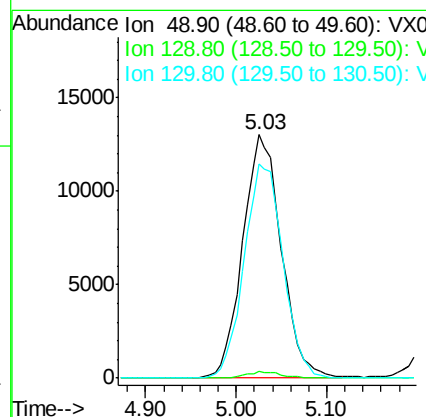
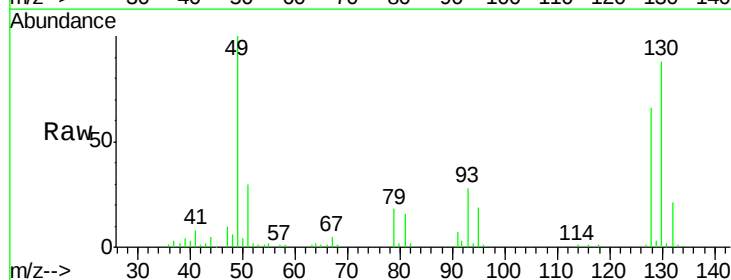
MMDadoda
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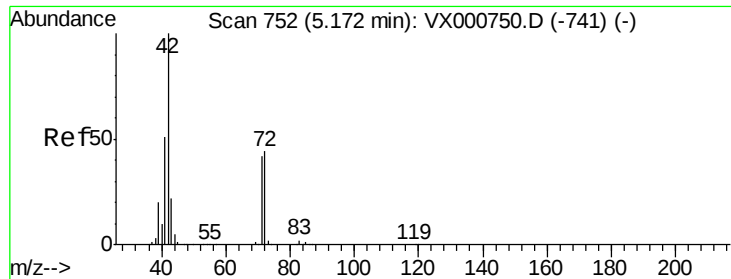


#28

Bromochloromethane
Concen: 20.59 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	88.4	72.6	109.0





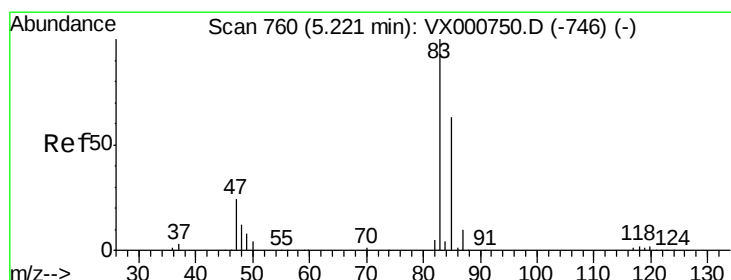
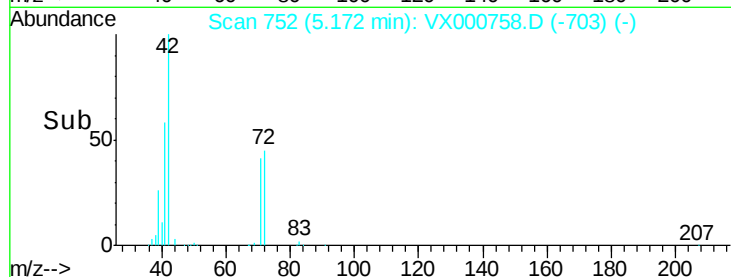
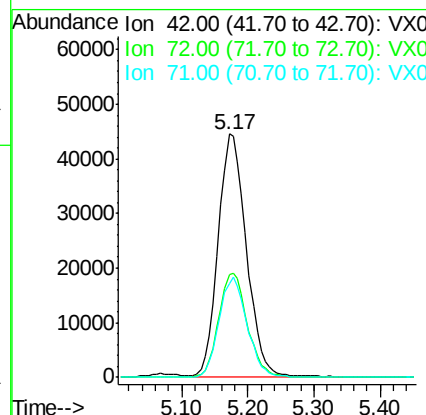
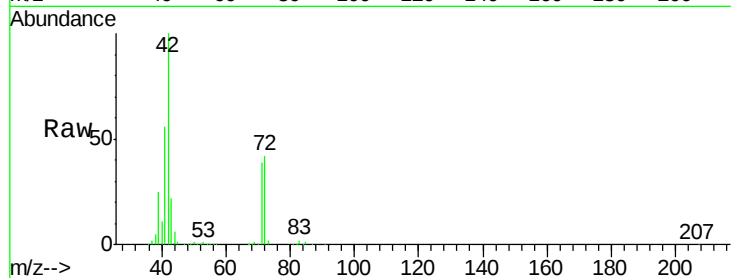
#29
Tetrahydrofuran
Concen: 108.81 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.1	52.7
71	41.0	32.8	49.2

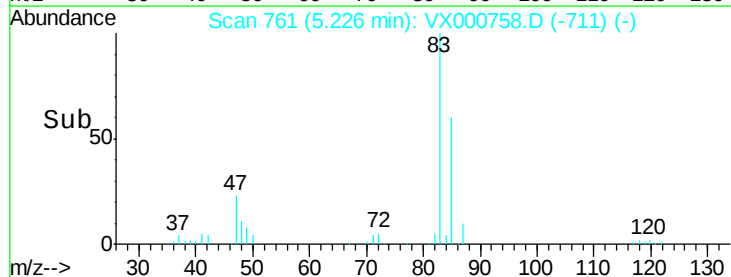
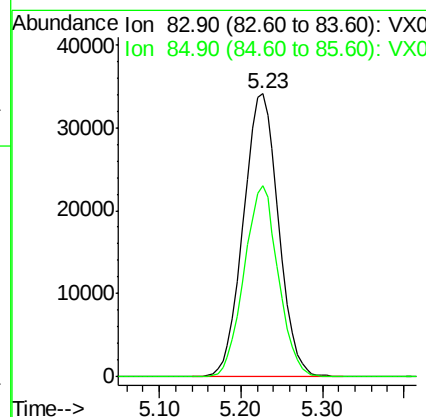
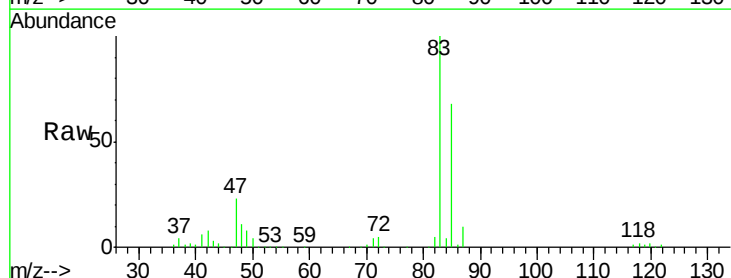
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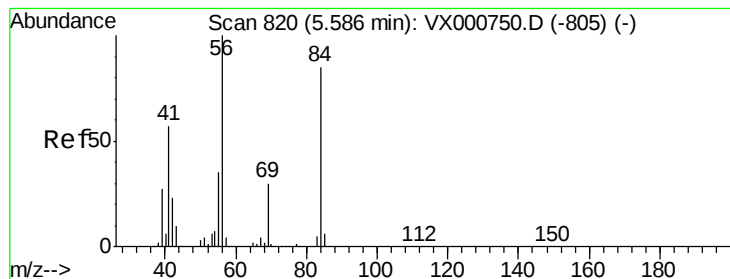
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#30
Chloroform
Concen: 20.78 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.7	76.1





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 56 Resp: 88043

Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.4

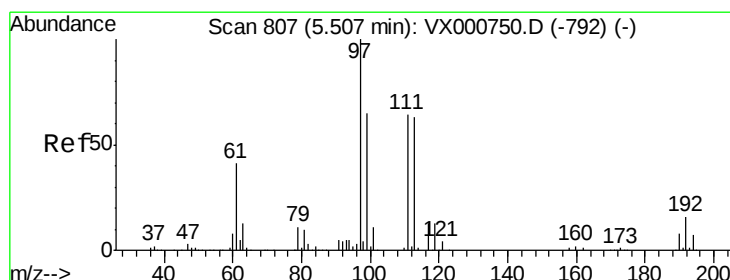
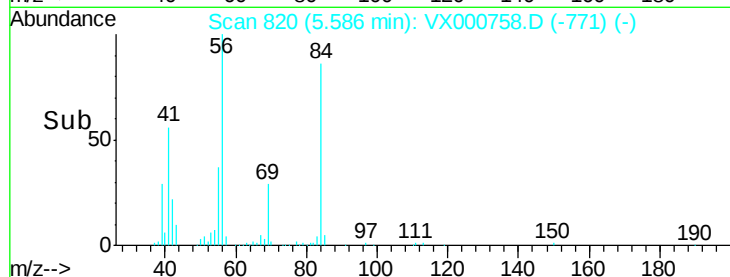
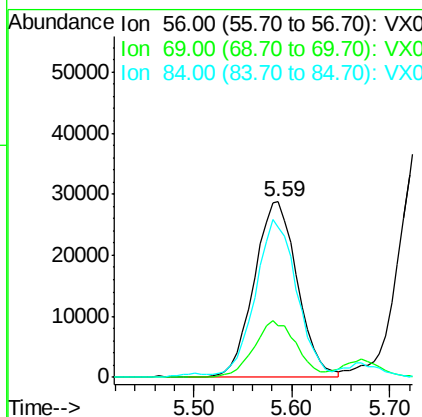
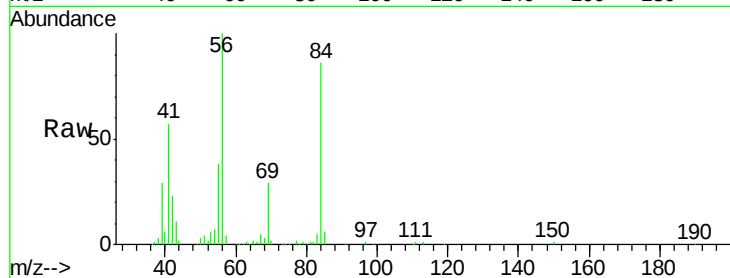
84 84.0 67.6 101.4

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#32

1,1,1-Trichloroethane

Concen: 20.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

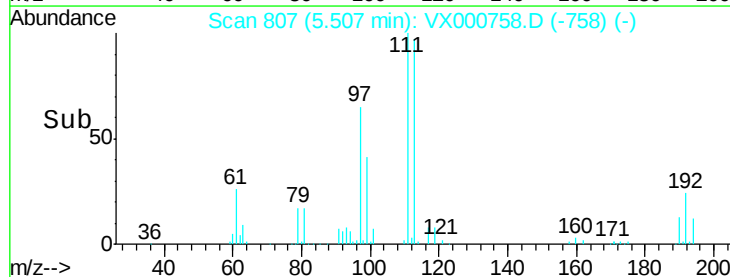
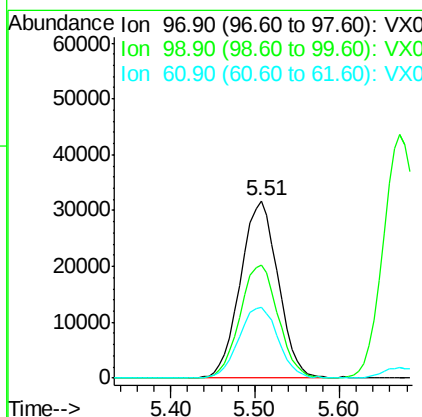
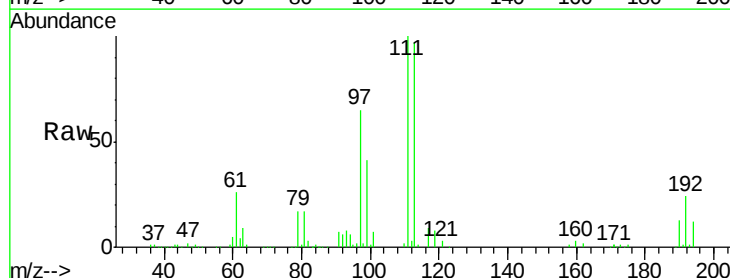
Tgt Ion: 97 Resp: 96400

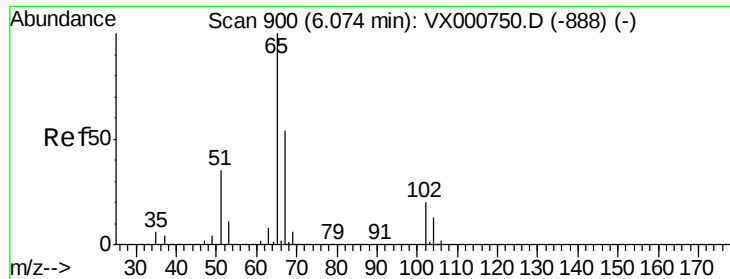
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 41.7 33.7 50.5





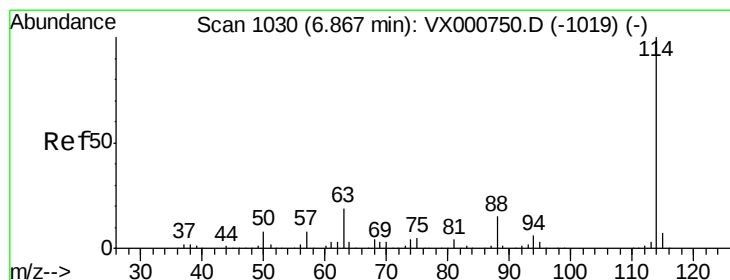
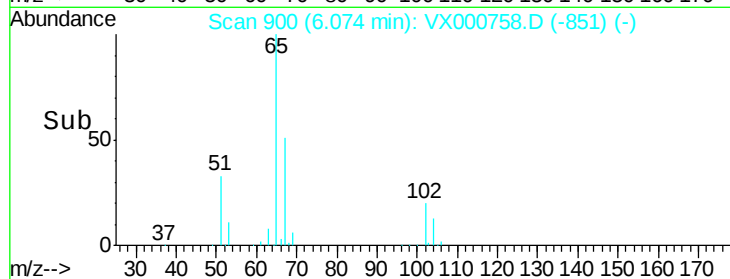
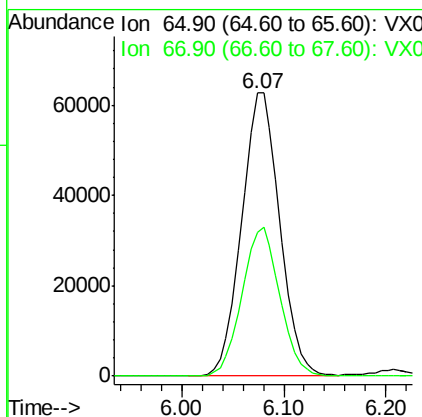
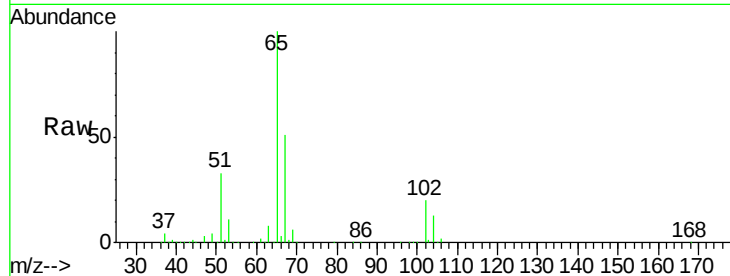
#33
 1,2-Dichloroethane-d4
 Concen: 48.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.8

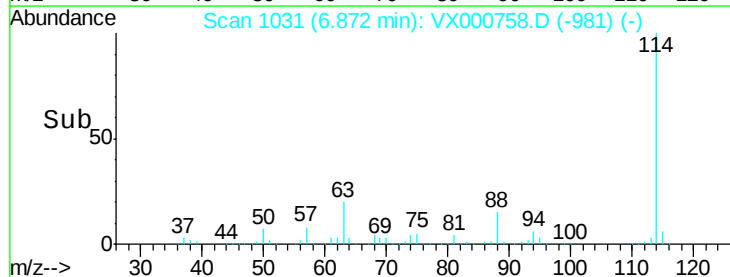
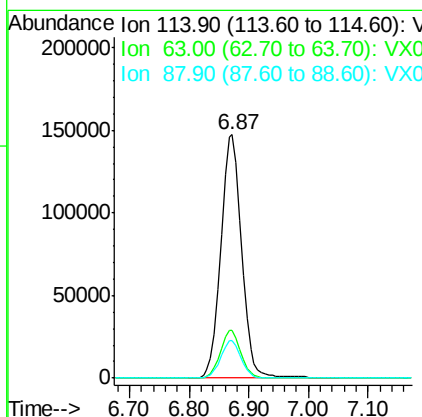
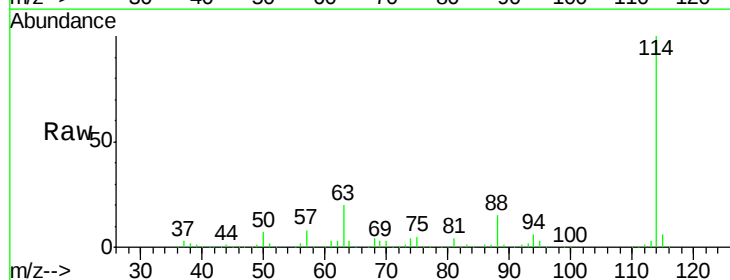
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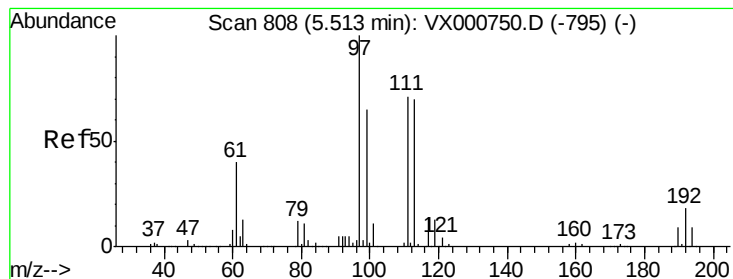
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.4	0.0	31.0





#35

Dibromofluoromethane

Concen: 50.11 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

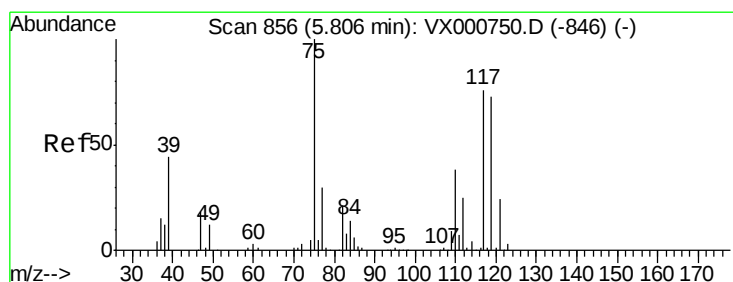
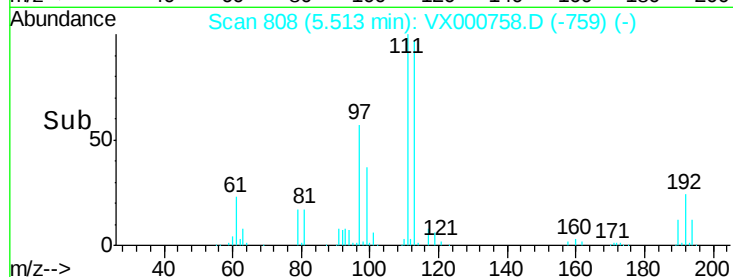
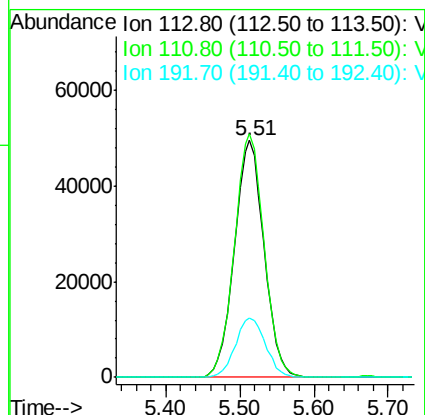
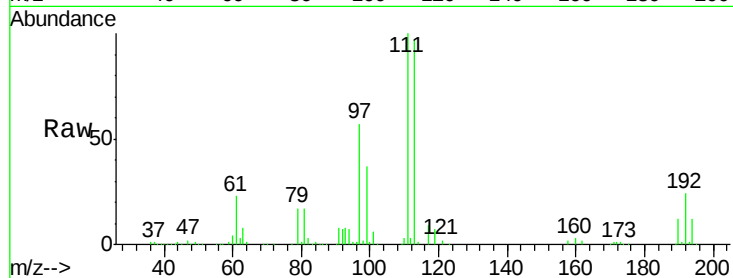
ClientSampleId :

VX0410WBS01

Tot Ion:	113	Resp:	138097
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.5	122.3
192	25.6	20.4	30.6

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#36

1,1-Dichloropropene

Concen: 19.43 ug/l

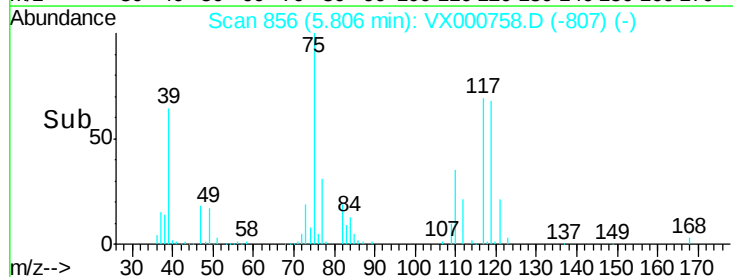
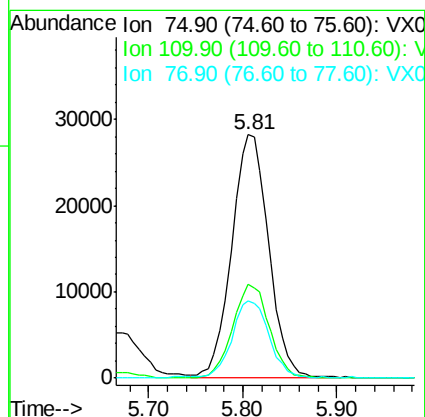
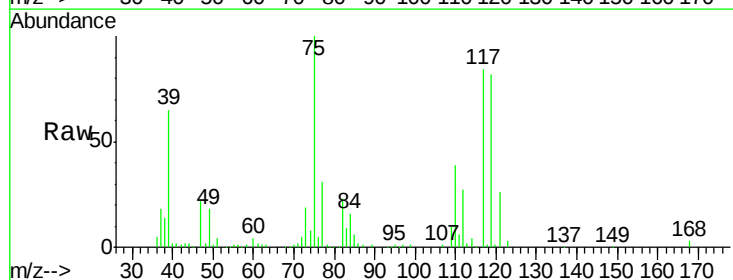
RT: 5.81 min Scan# 856

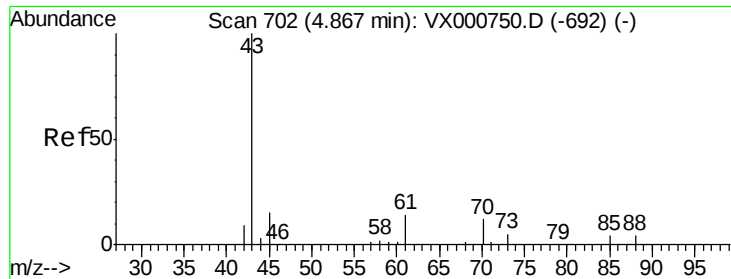
Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	75	Resp:	76567
Ion Ratio	Lower	Upper	
75	100		
110	38.5	19.2	57.6
77	32.6	25.4	38.2





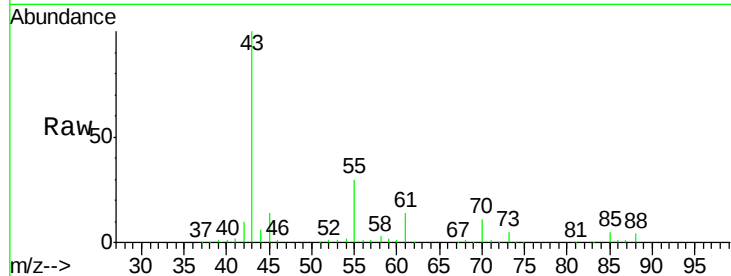
#37
Ethyl Acetate
Concen: 21.29 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.7	8.7	13.1

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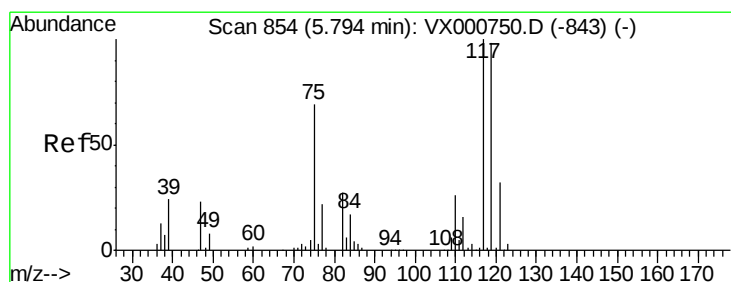
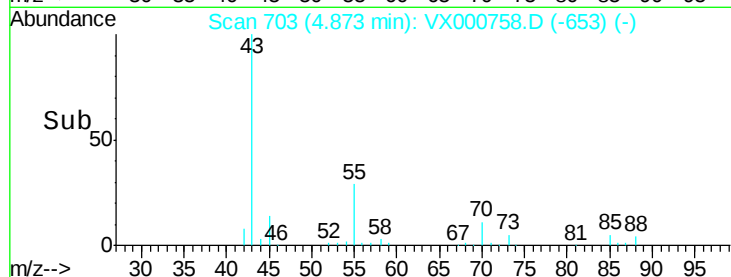
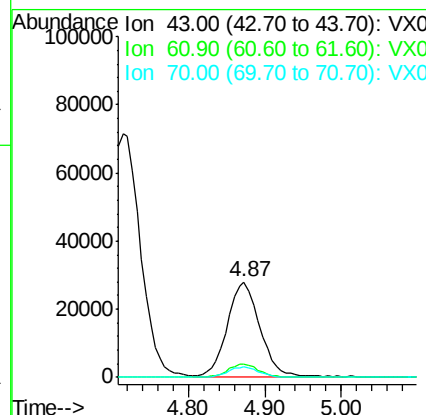
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Abundance Ion 43.00 (42.70 to 43.70): VX000750.D (-692) (-)

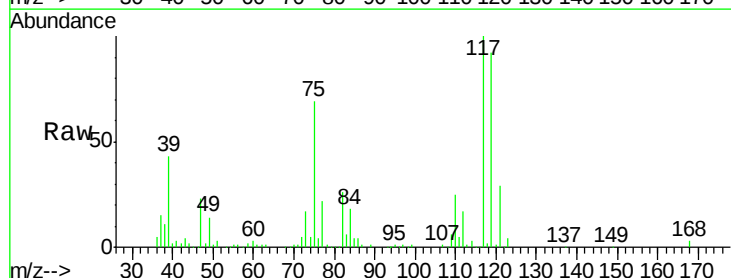
Ion 60.90 (60.60 to 61.60): VX000750.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000750.D (-692) (-)



#38
Carbon Tetrachloride
Concen: 20.07 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

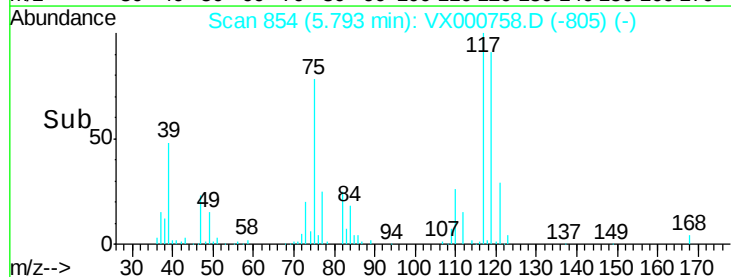
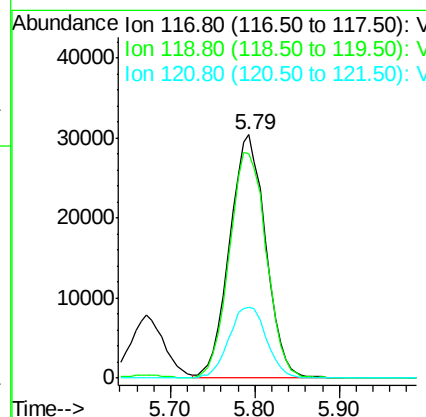
Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	78.4	117.6
121	29.3	25.4	38.0

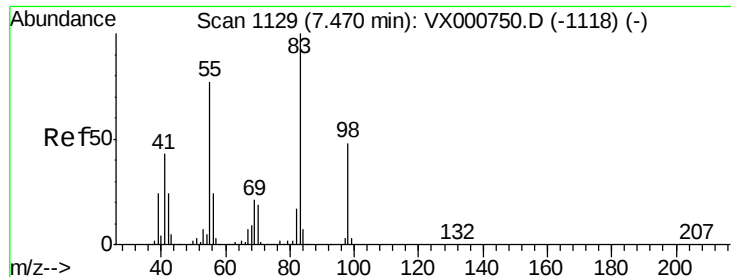


Abundance Ion 116.80 (116.50 to 117.50): VX000750.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000750.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000750.D (-843) (-)





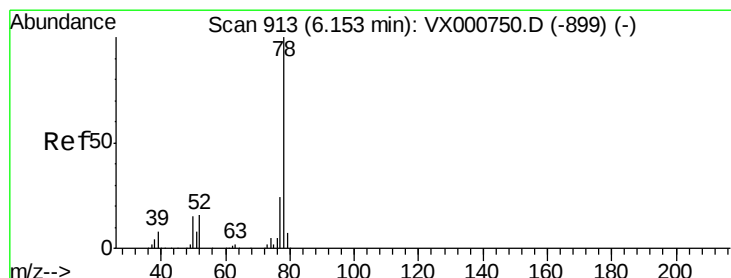
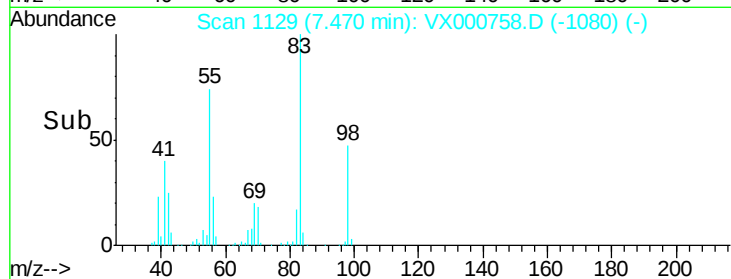
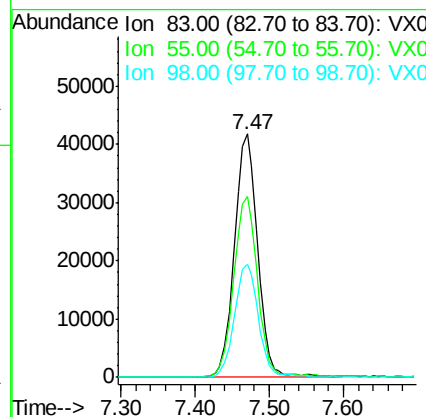
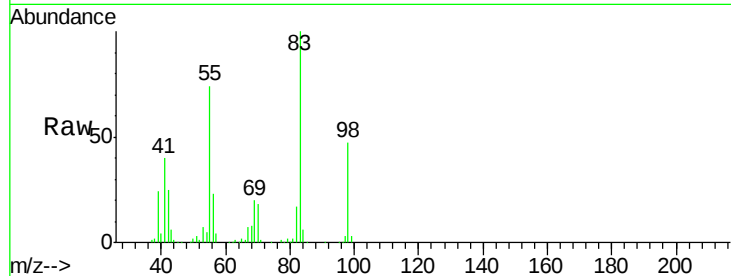
#39
Methvlcvclohexane
Concen: 19.44 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.1	61.5	92.3	
98	46.6	38.1	57.1	

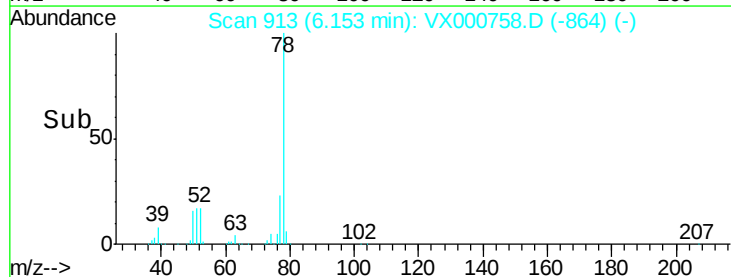
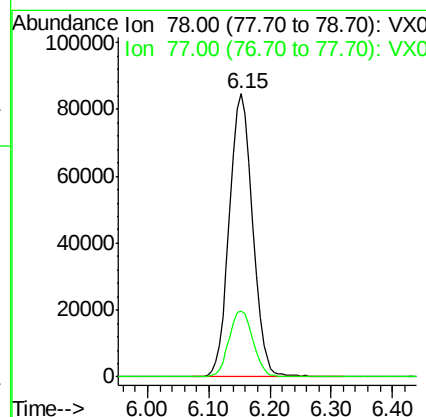
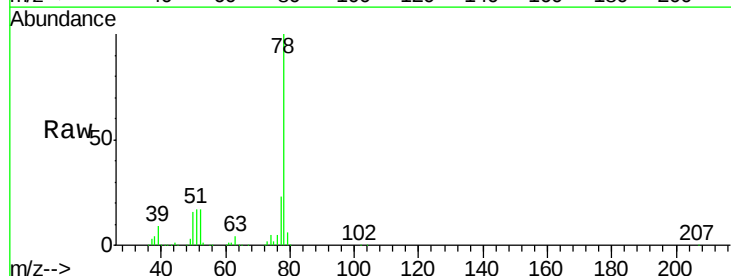
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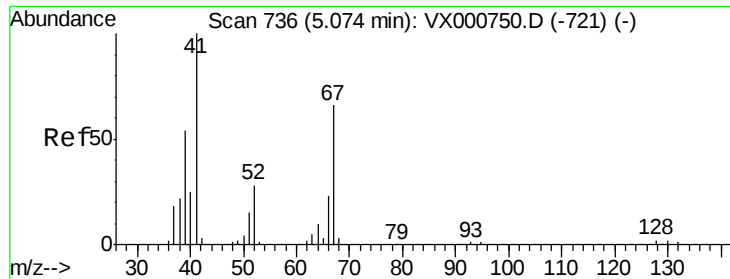
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#40
Benzene
Concen: 20.34 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.6	





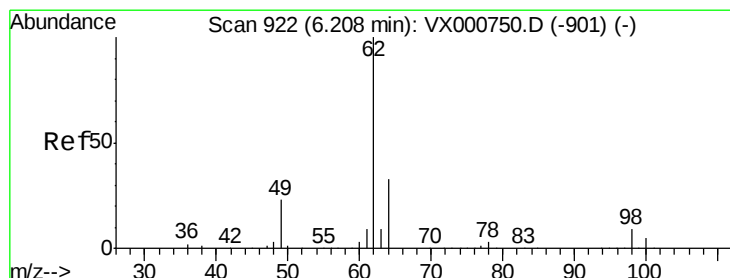
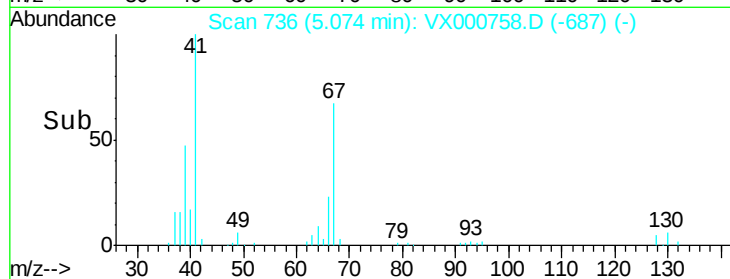
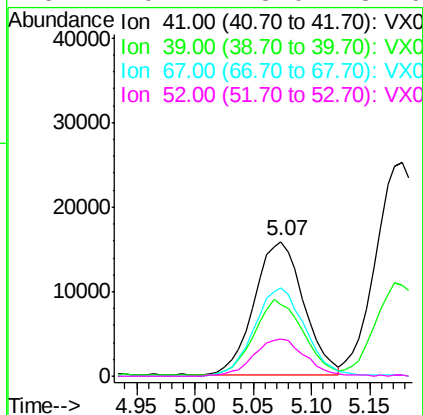
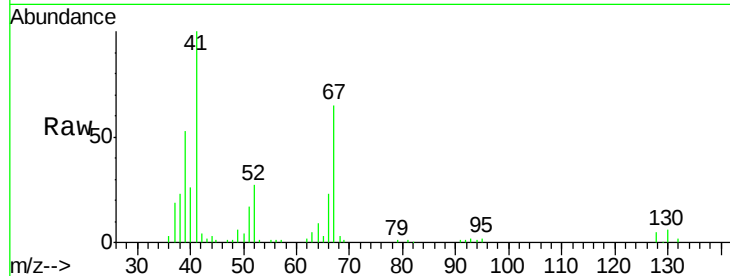
#41
Methacrylonitrile
Concen: 20.94 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion:	41	Resp:	46537
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.9	67.3
67	67.7	54.7	82.1
52	29.4	23.0	34.6

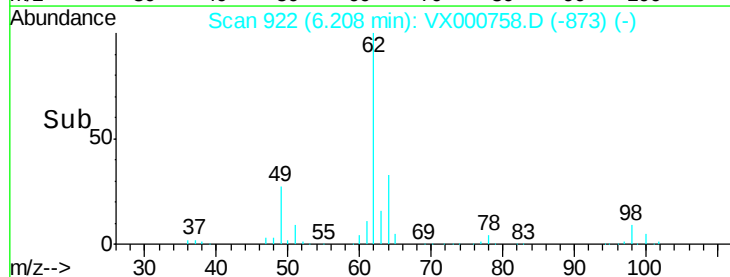
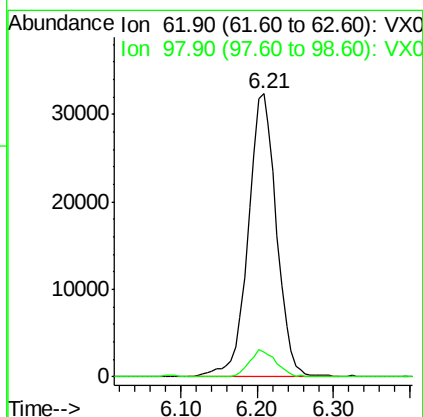
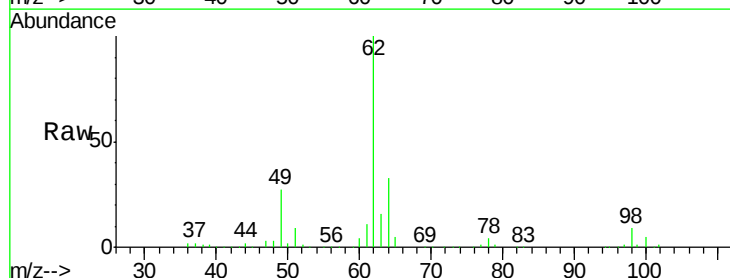
Manual Integrations
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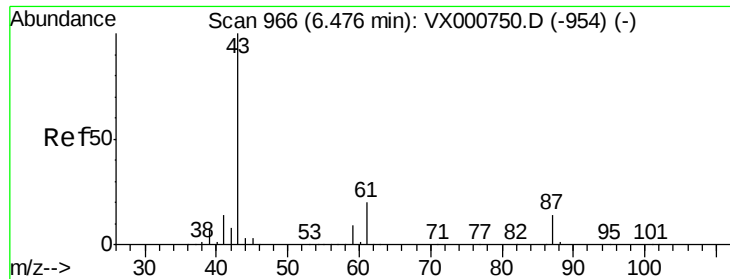
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#42
1,2-Dichloroethane
Concen: 20.28 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion:	62	Resp:	82929
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

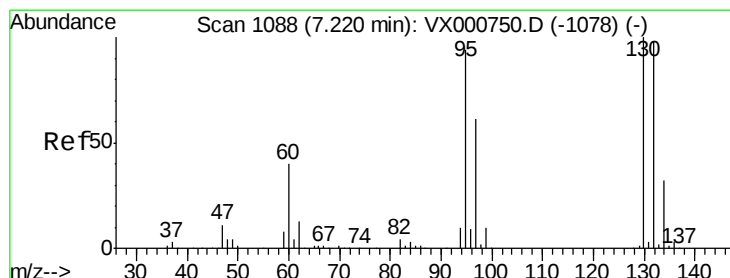
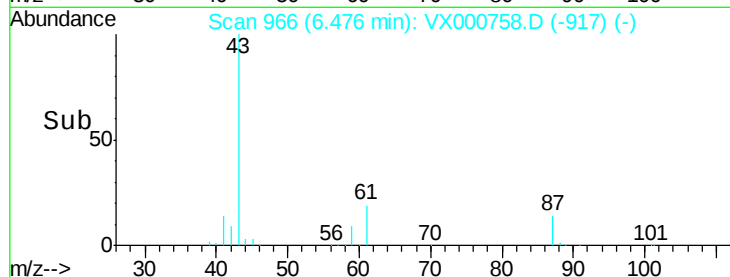
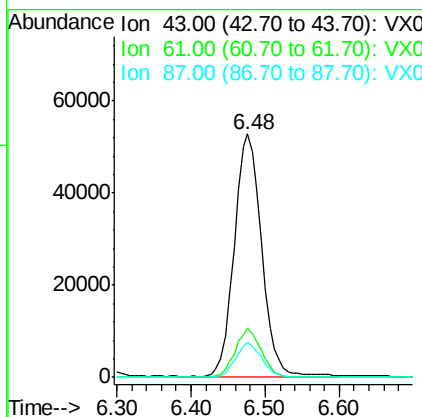
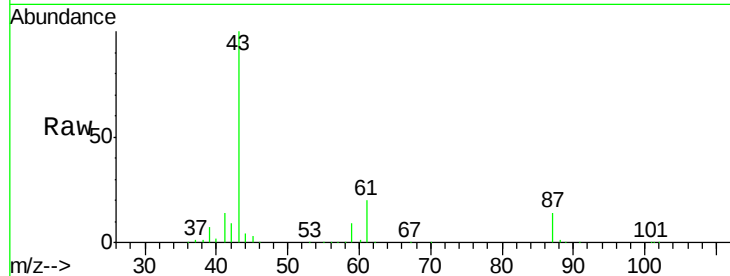
Isopropyl Acetate
 Concen: 20.56 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.6	23.4
87	13.7	10.7	16.1

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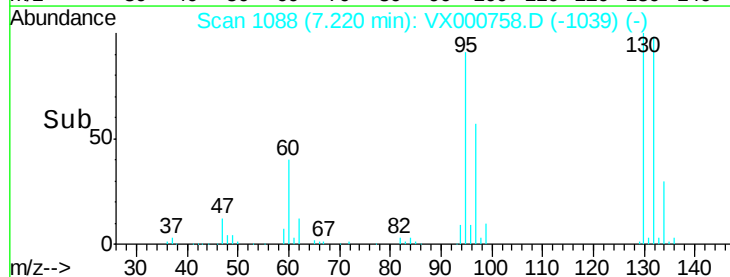
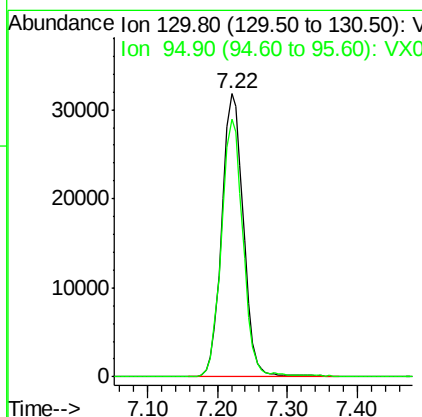
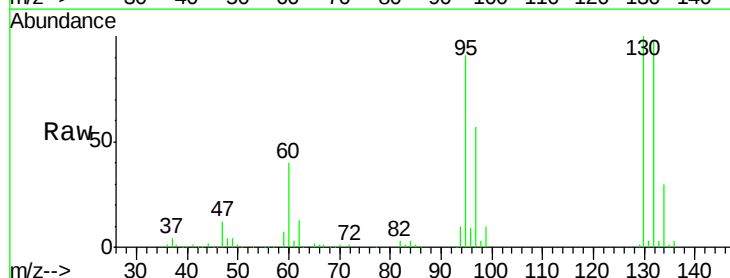
MMDadoda
 4/11/2018 11:20:47 AM

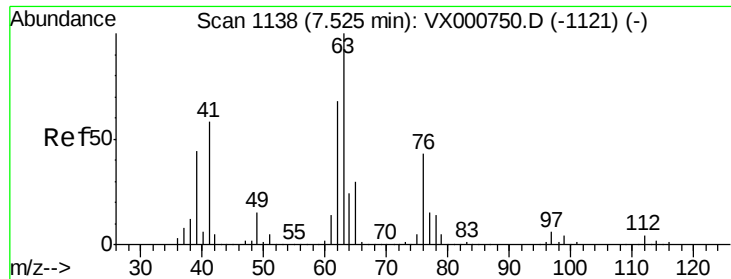


#44

Trichloroethene
 Concen: 20.13 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.58 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 63 Resp: 57380

Ion Ratio Lower Upper

63 100

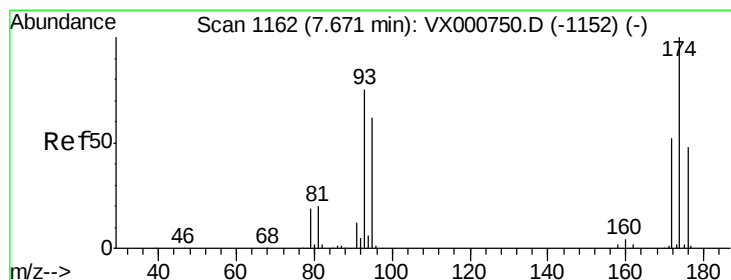
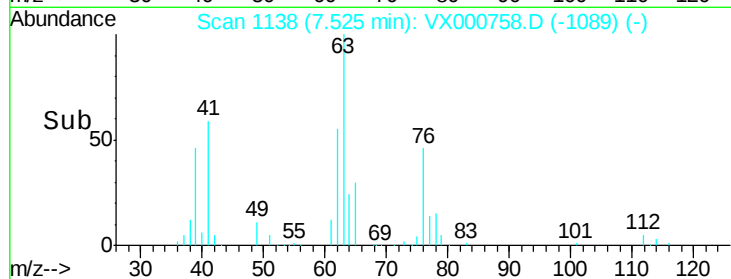
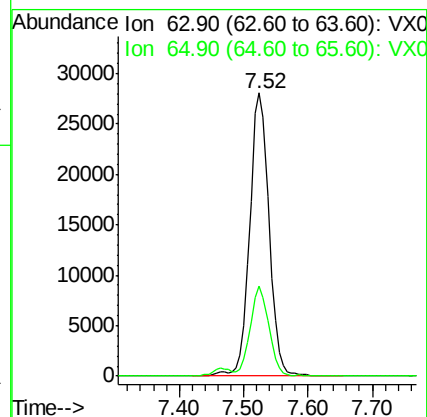
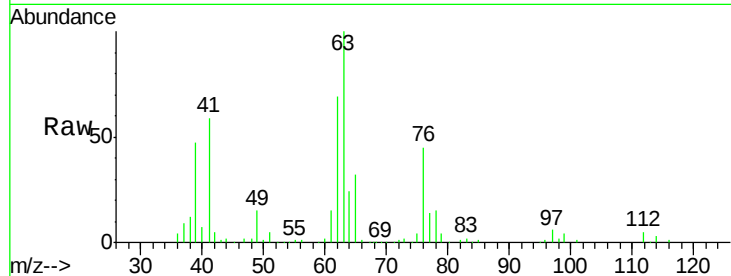
65 31.7 23.7 35.5

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#46

Dibromomethane

Concen: 20.30 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

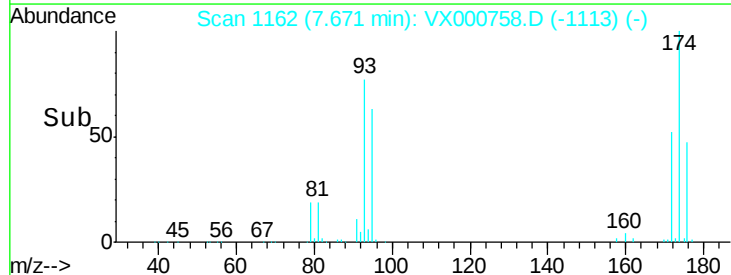
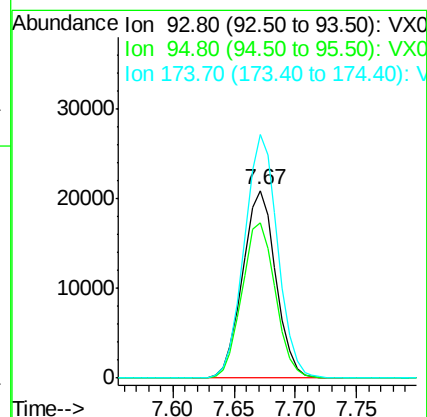
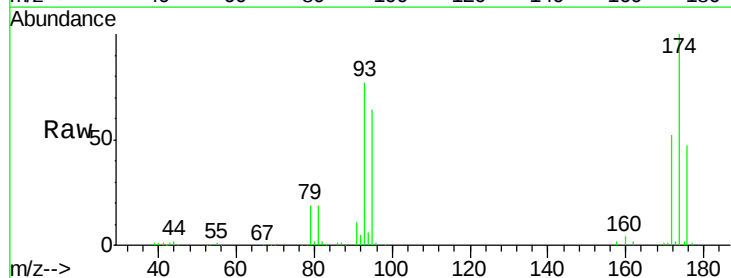
Tgt Ion: 93 Resp: 39454

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 130.3 104.5 156.7





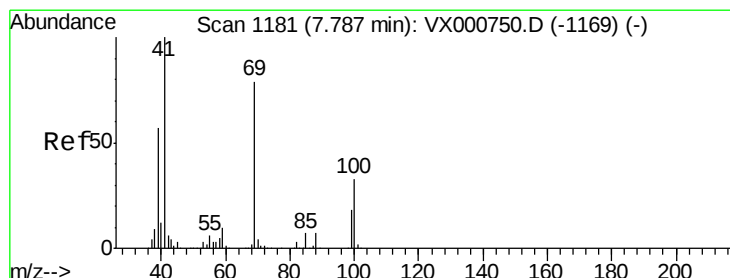
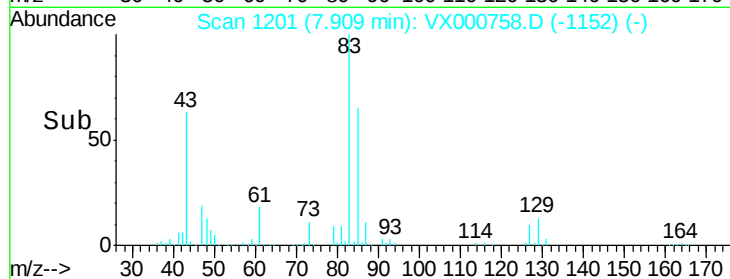
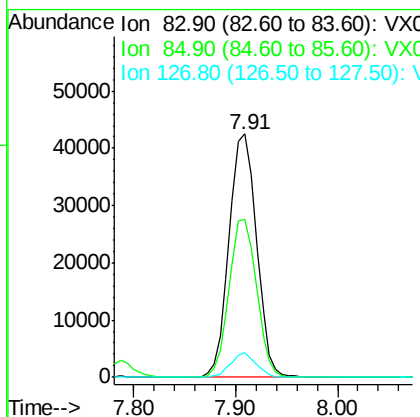
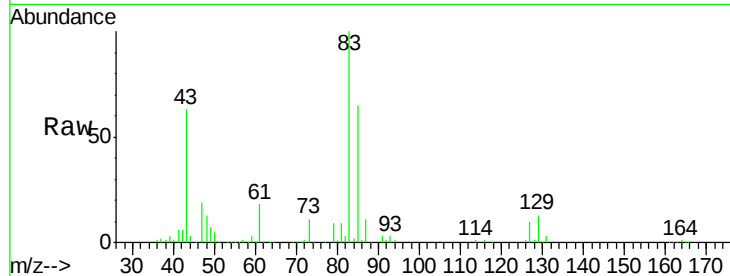
#47
Bromodichloromethane
Concen: 20.28 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	83	Resp	79563
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	52.2	78.4
127	9.9	7.8	11.8

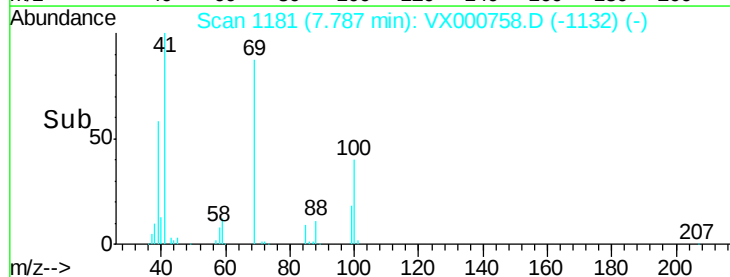
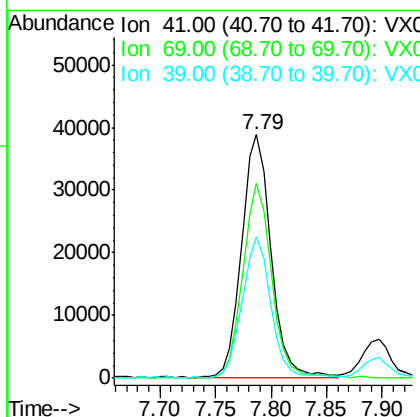
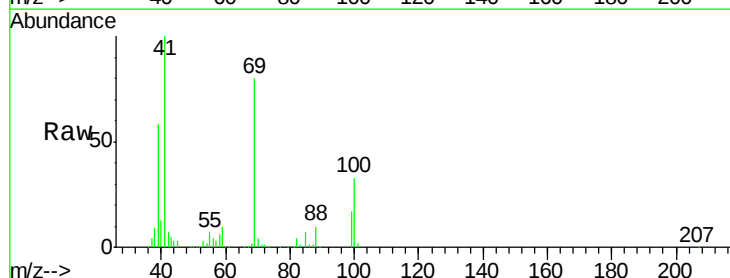
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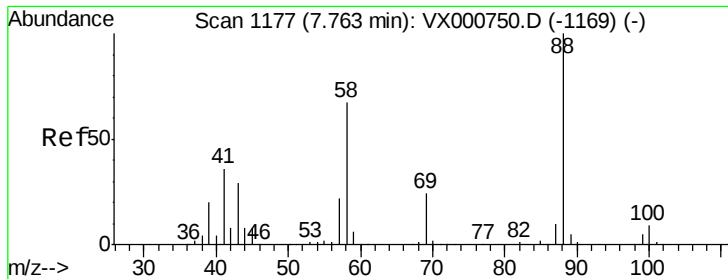
MMDadoda
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#48
Methyl methacrylate
Concen: 20.77 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	41	Resp	71006
Ion Ratio	100	Lower	Upper
41	100		
69	79.2	63.9	95.9
39	56.0	45.9	68.9





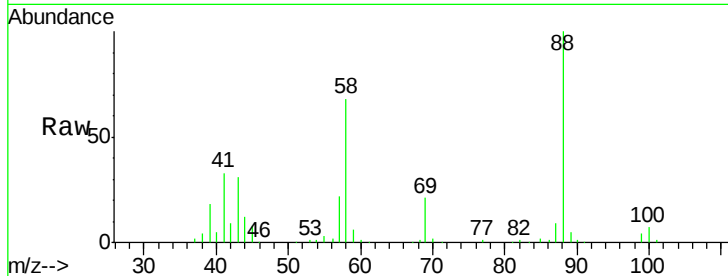
#49
1,4-Dioxane
Concen: 424.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

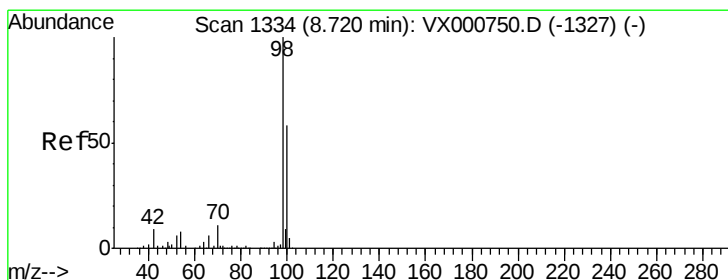
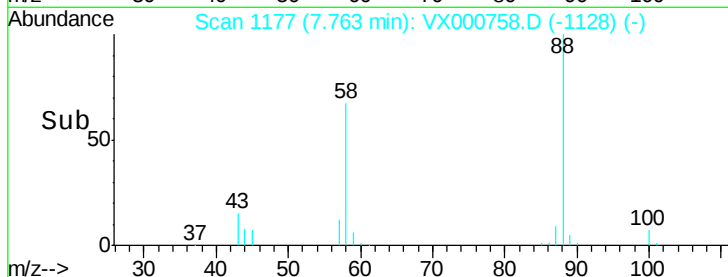
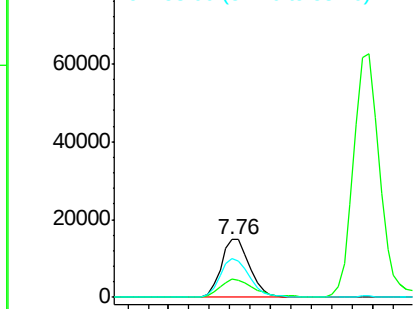
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	25.8	38.8
58	69.9	54.4	81.6

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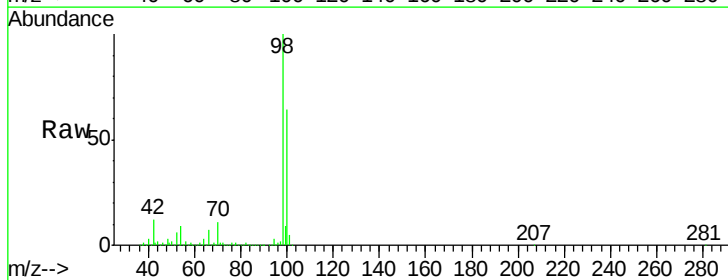


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

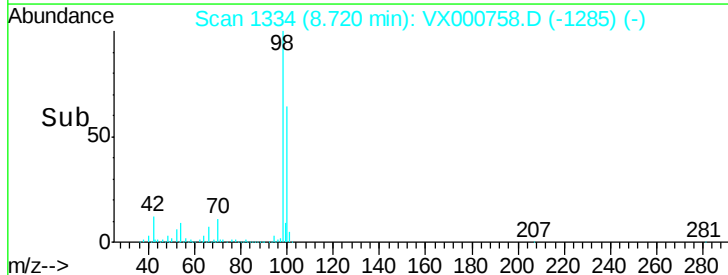
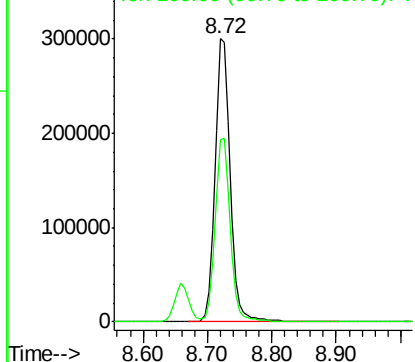


#50
Toluene-d8
Concen: 48.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.09 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 43 Resp: 414797

Ion Ratio Lower Upper

43 100

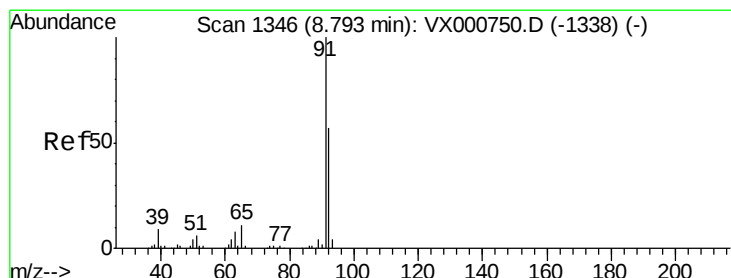
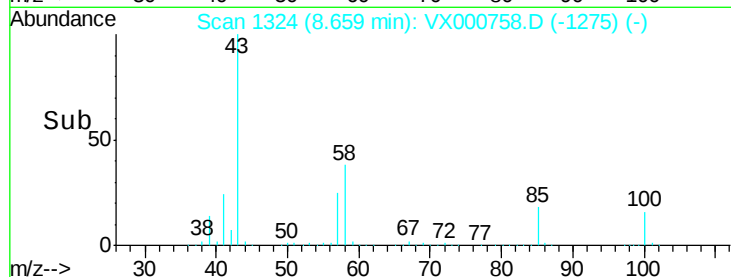
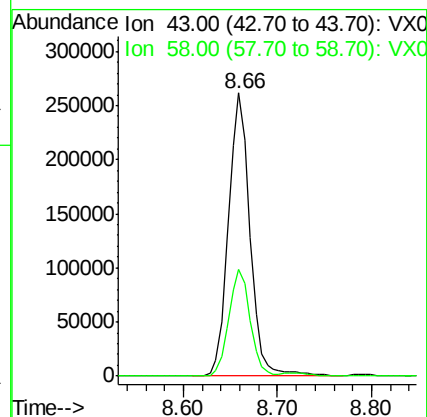
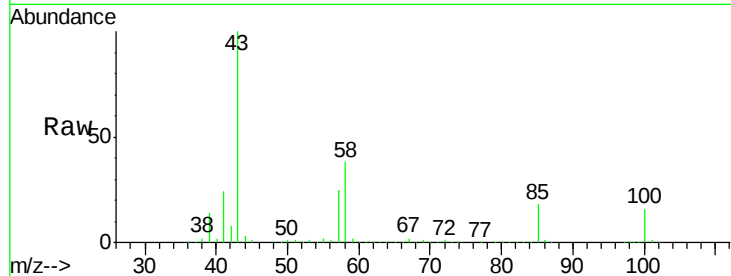
58 37.4 30.3 45.5

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4/11/2018 11:20:47 AM



#52

Toluene

Concen: 20.12 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000758.D

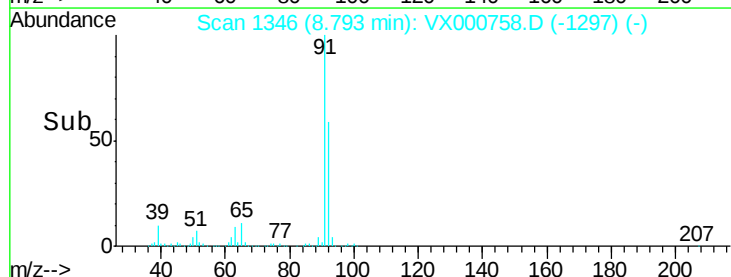
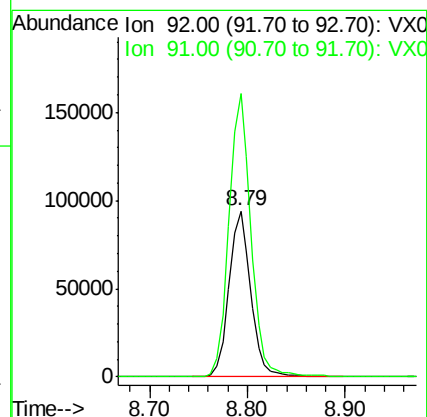
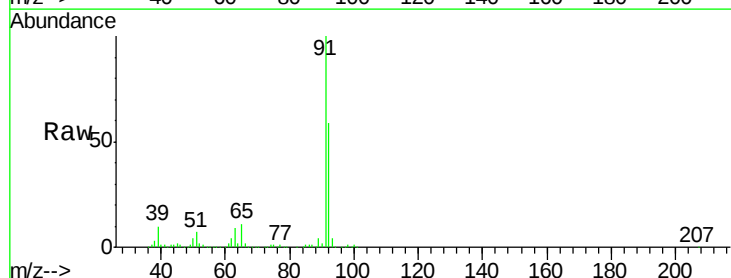
Acq: 10 Apr 2018 19:54

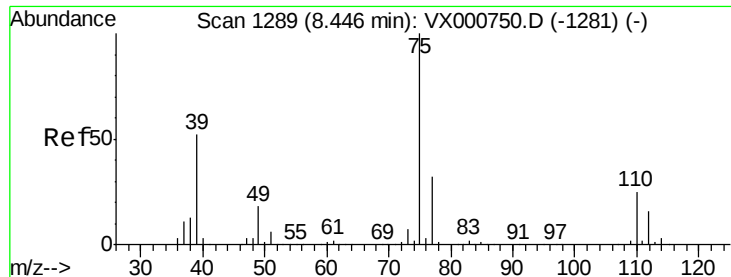
Tgt Ion: 92 Resp: 146123

Ion Ratio Lower Upper

92 100

91 172.4 139.0 208.4





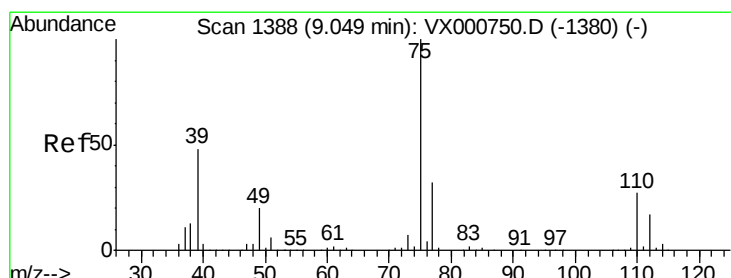
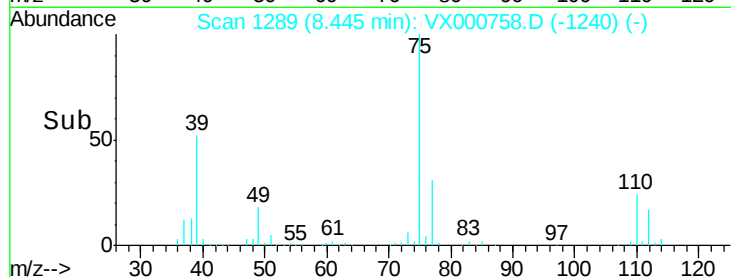
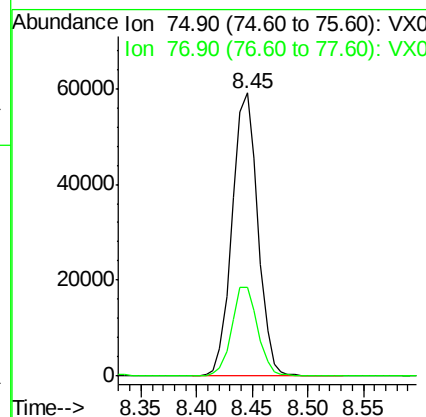
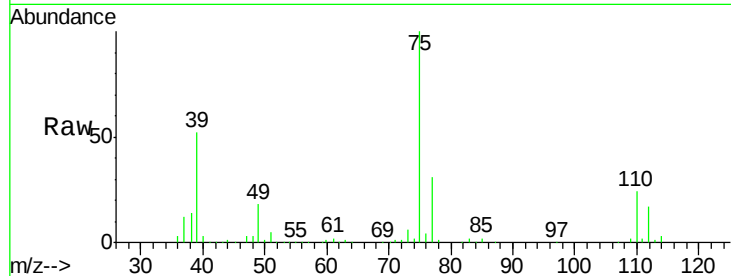
#53
t-1,3-Dichloropropene
Concen: 20.07 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 75 Resp: 94444
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

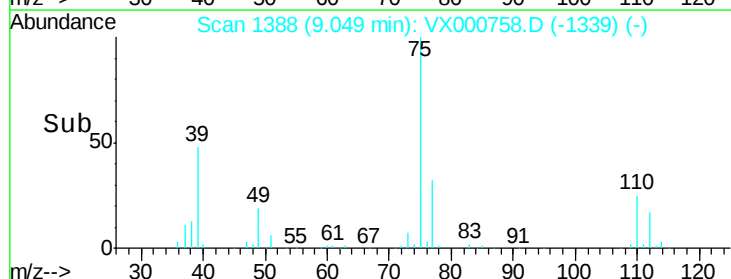
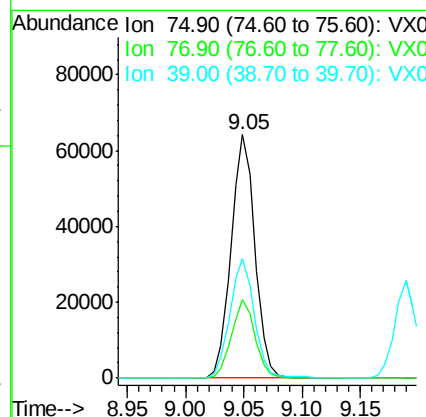
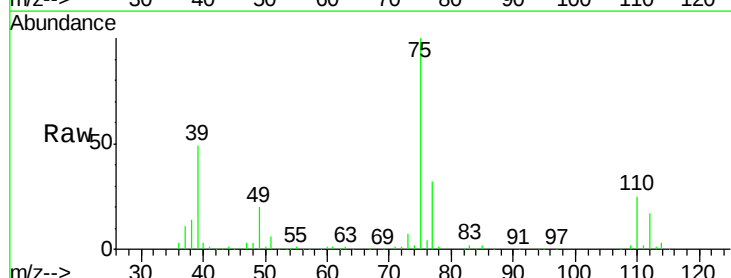
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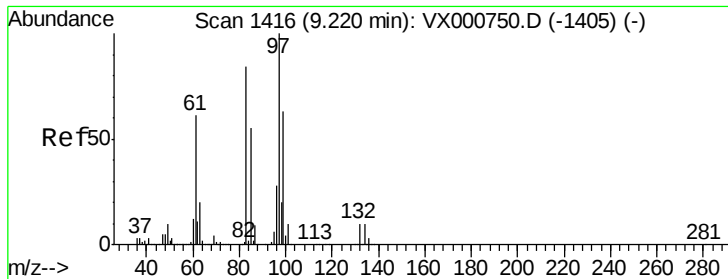
MMDadoda
4/11/2018 11:20:47 AM



#54
cis-1,3-Dichloropropene
Concen: 19.91 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion: 75 Resp: 91221
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
39 48.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 20.16 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

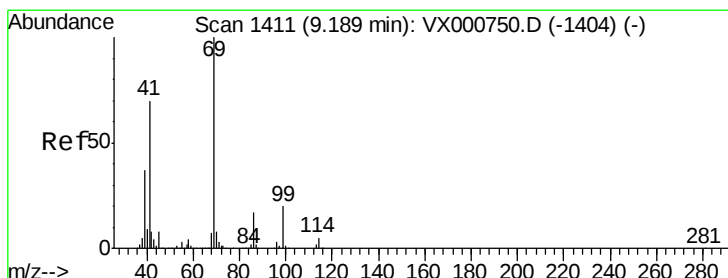
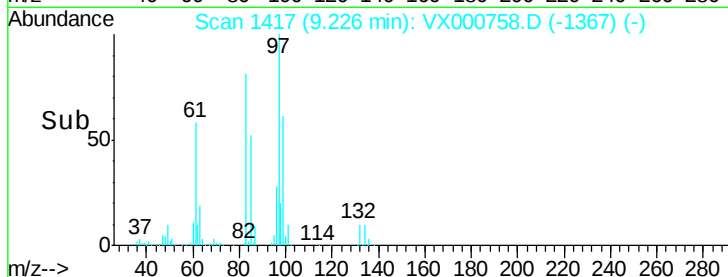
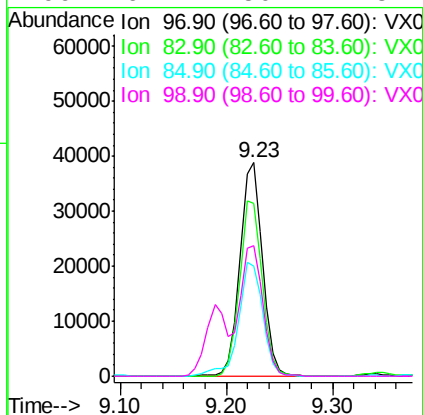
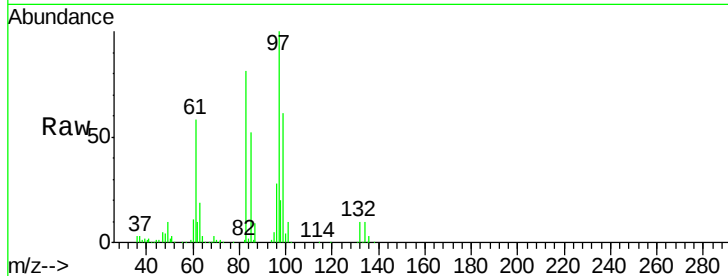
ClientSampleId :

VX0410WBS01

Tot Ion:	97	Resp:	58111
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.6	101.4
85	51.8	43.8	65.6
99	61.2	50.2	75.4

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#56

Ethyl methacrylate

Concen: 20.29 ug/l

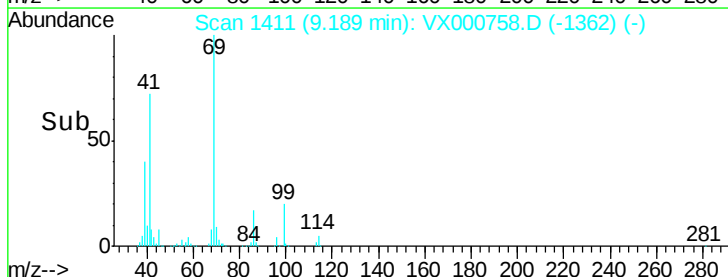
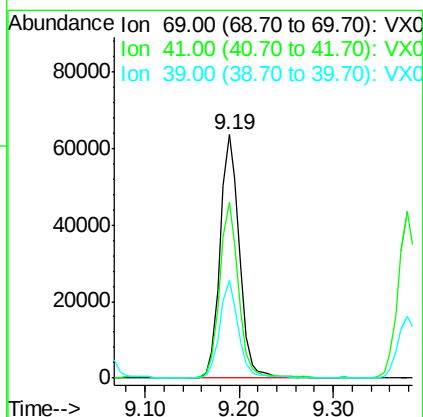
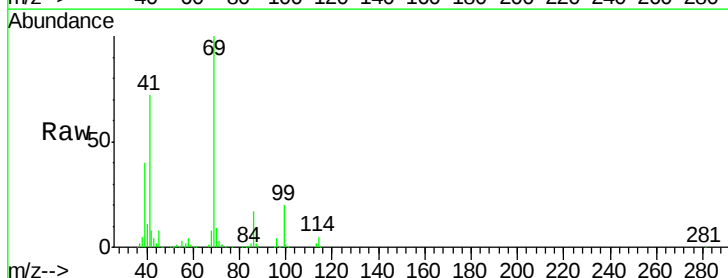
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	69	Resp:	90243
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.6	83.4
39	37.9	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.77 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 76 Resp: 95201

Ion Ratio Lower Upper

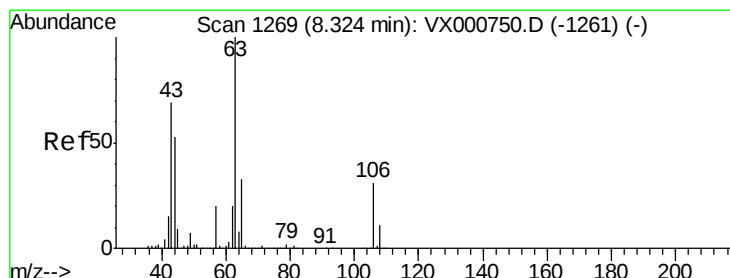
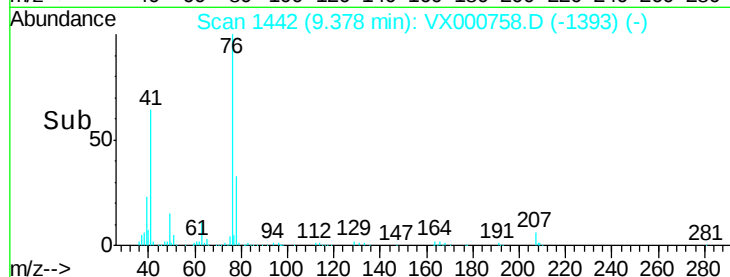
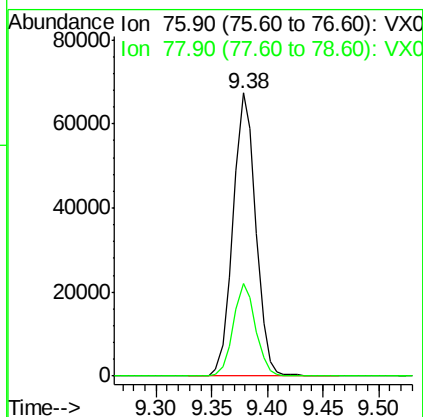
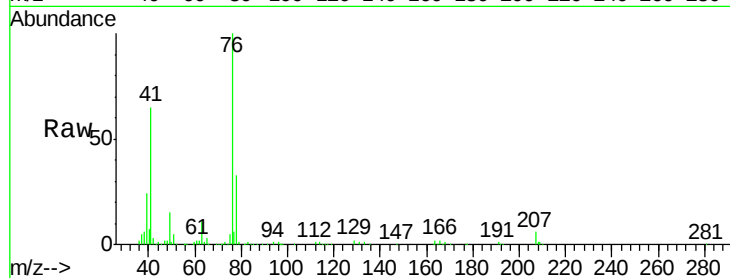
76 100

78 32.1 25.8 38.6

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4/11/2018 11:20:47 AM



#58

2-Chloroethyl Vinyl ether

Concen: 106.87 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000758.D

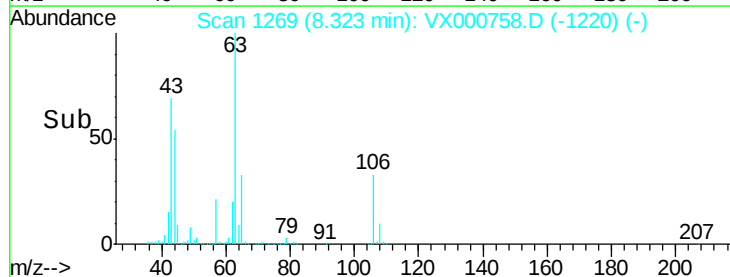
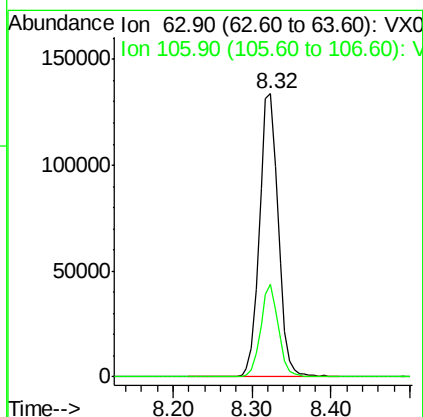
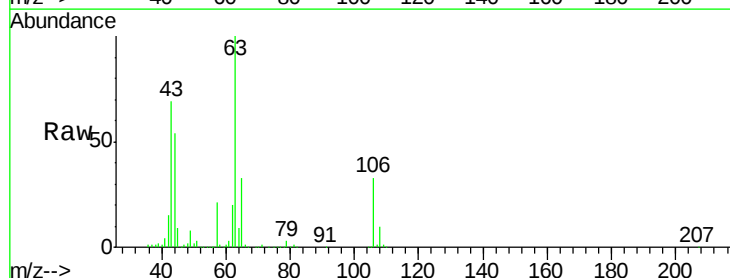
Acq: 10 Apr 2018 19:54

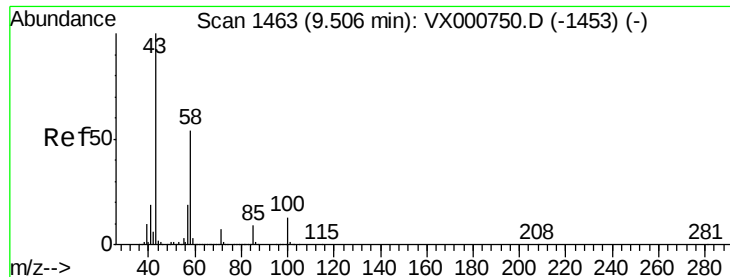
Tgt Ion: 63 Resp: 222076

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5





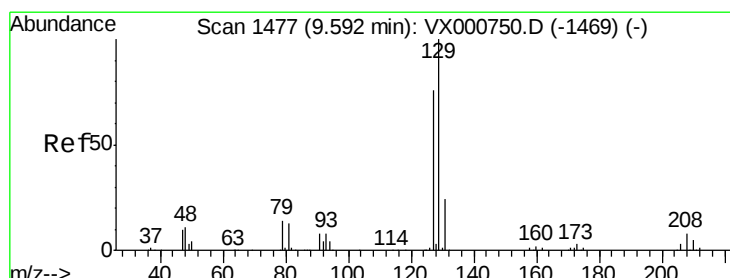
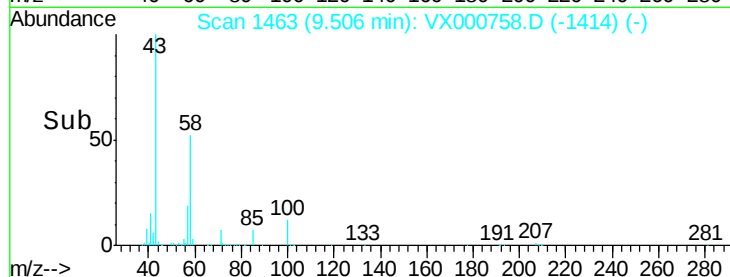
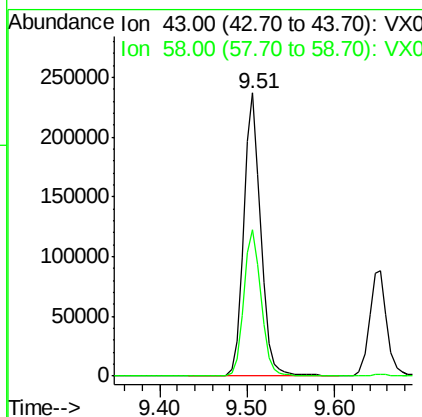
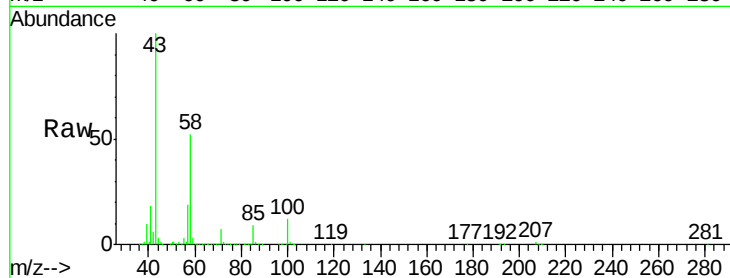
#59
2-Hexanone
Concen: 106.82 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 43 Resp: 319412
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

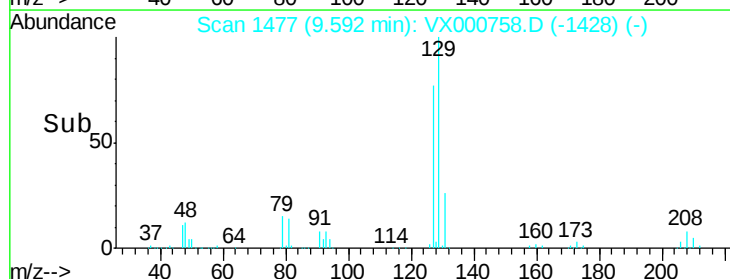
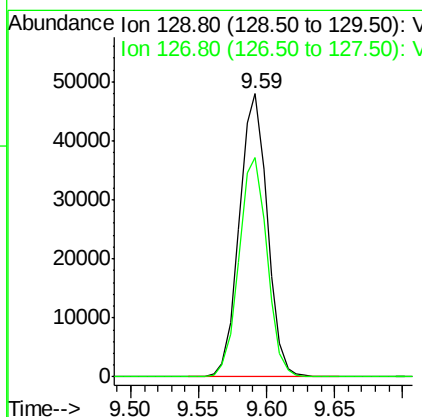
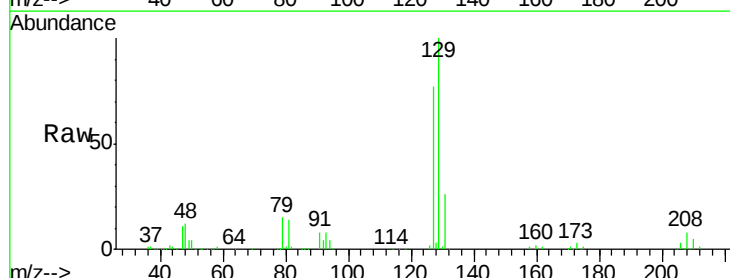
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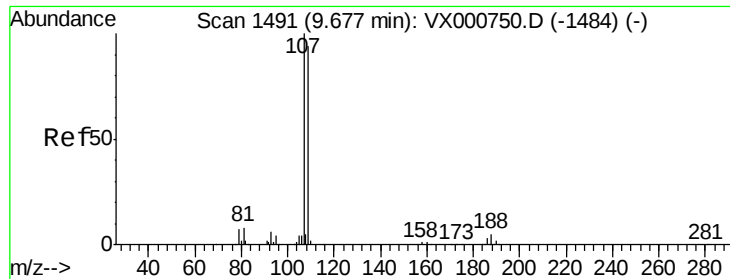
MMDadoda
4/11/2018 11:20:47 AM



#60
Dibromochloromethane
Concen: 19.94 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion: 129 Resp: 68782
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.26 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 107 Resp: 61961

Ion Ratio Lower Upper

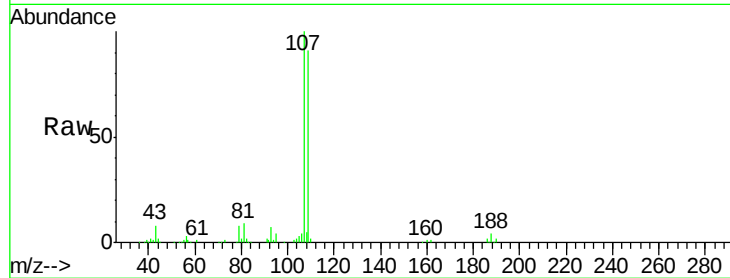
107 100

109 95.0 76.2 114.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

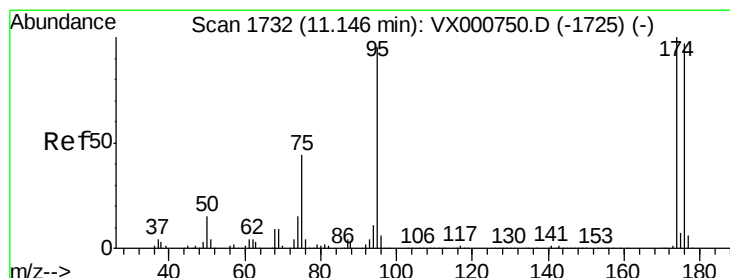
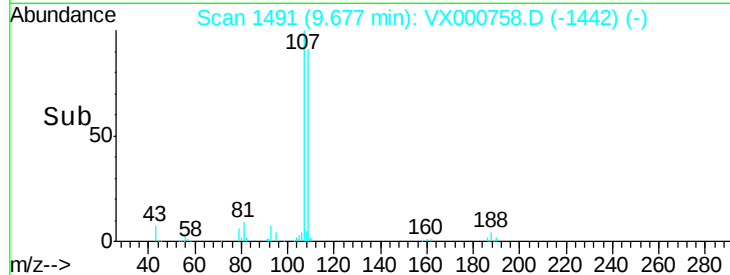
30000

20000

10000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.92 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

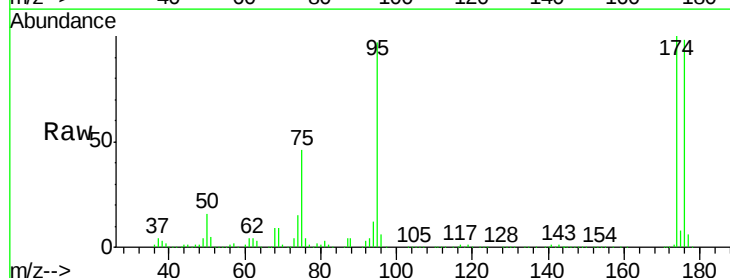
Tgt Ion: 95 Resp: 203460

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

176 96.0 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

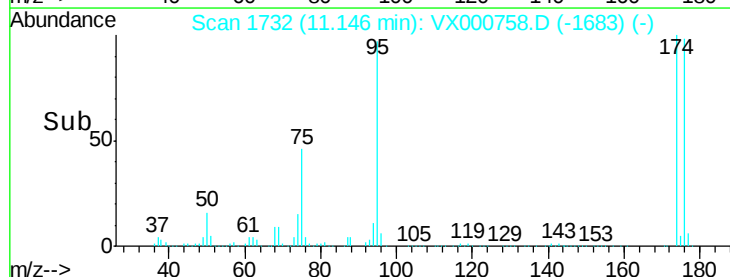
150000

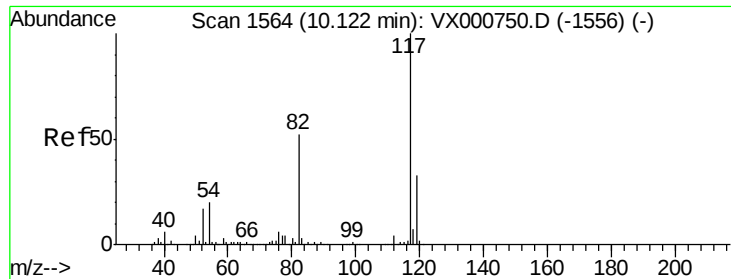
100000

50000

0

Time--> 11.10 11.20





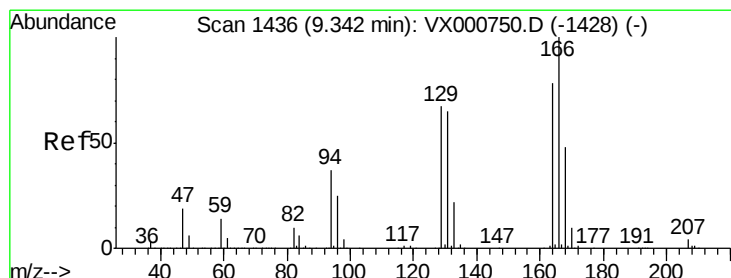
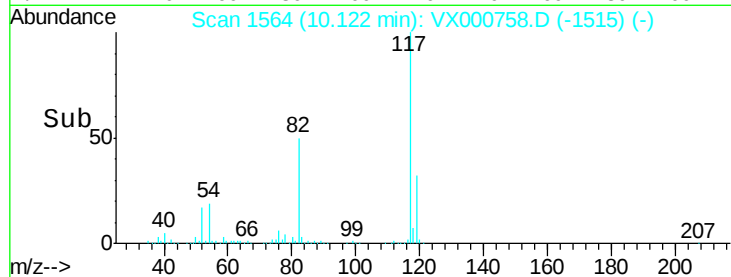
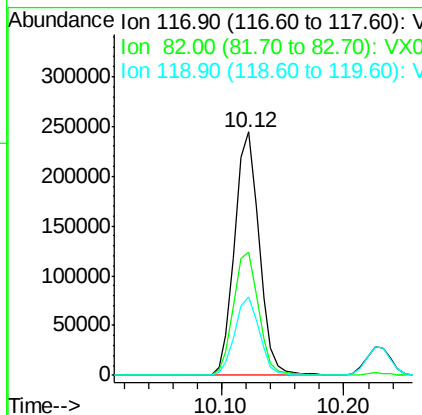
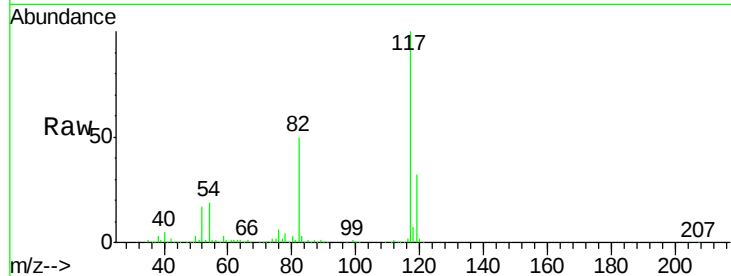
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	340259		
82	50.5		41.9	62.9
119	32.1		26.0	39.0

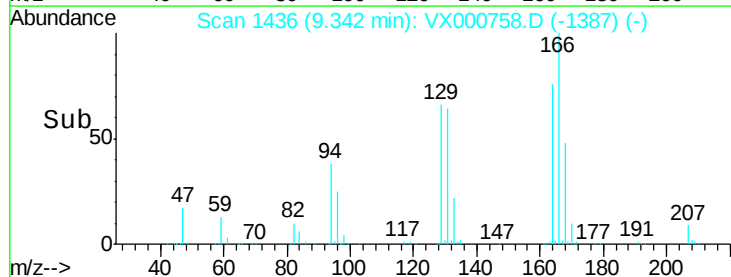
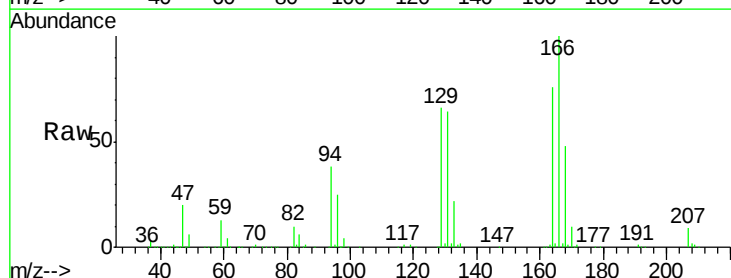
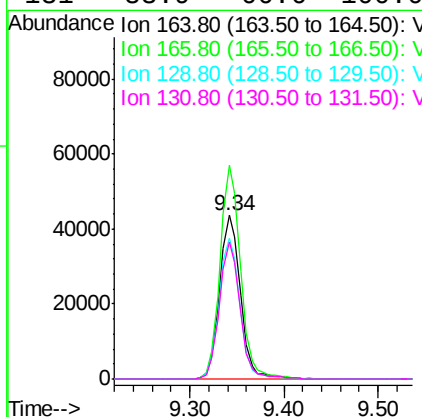
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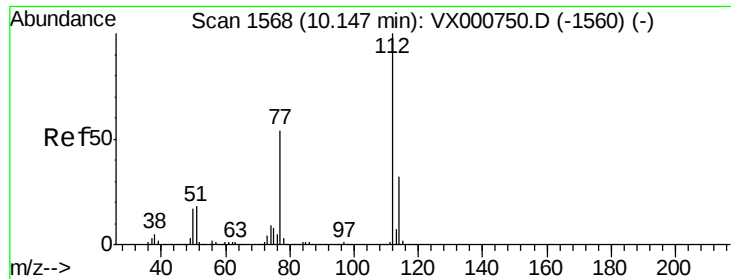
MMDadoda
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#64
Tetrachloroethene
Concen: 20.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67381		
166	130.8		102.8	154.2
129	86.4		68.5	102.7
131	83.9		66.6	100.0





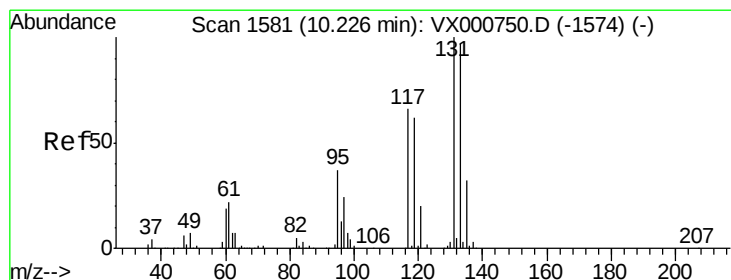
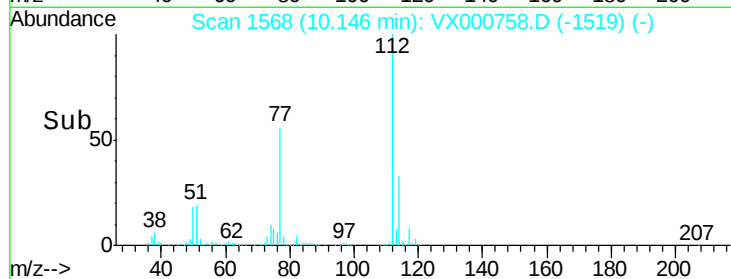
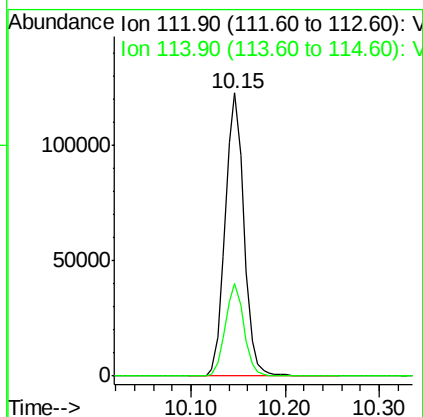
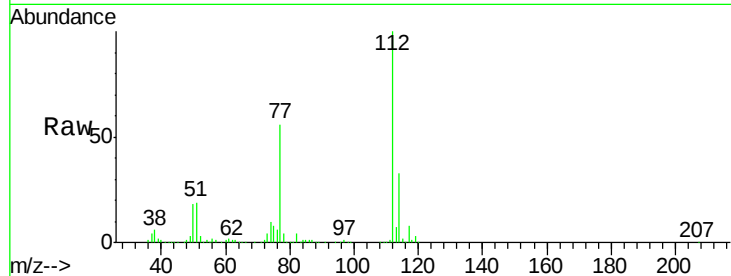
#65
Chlorobenzene
Concen: 19.92 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion:112 Resp: 170507
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

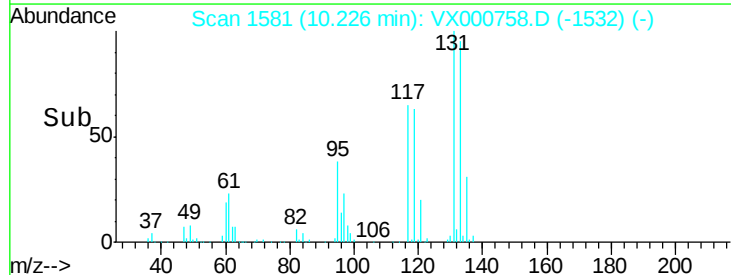
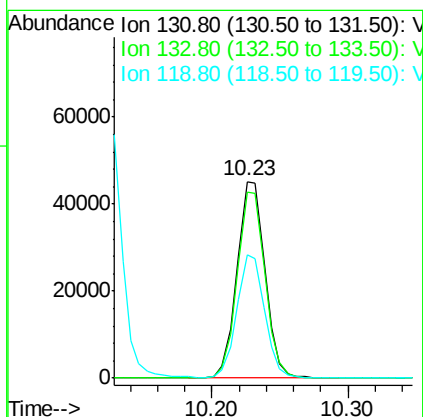
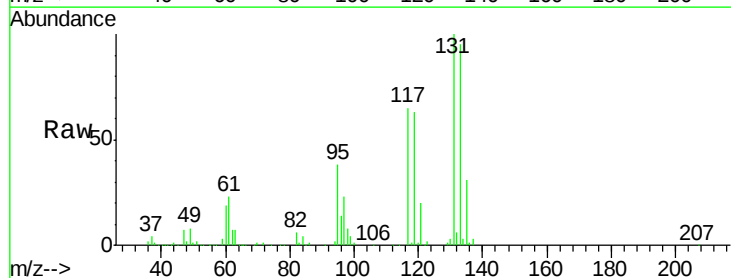
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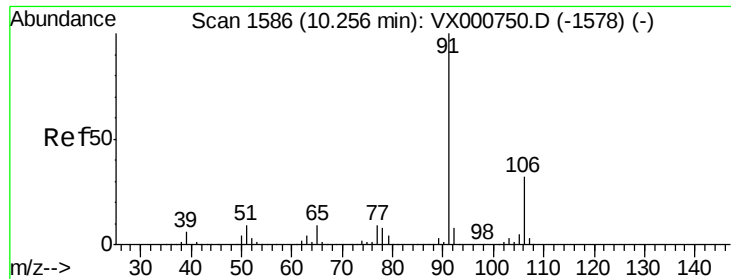
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.04 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion:131 Resp: 64573
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 62.5 31.4 94.0





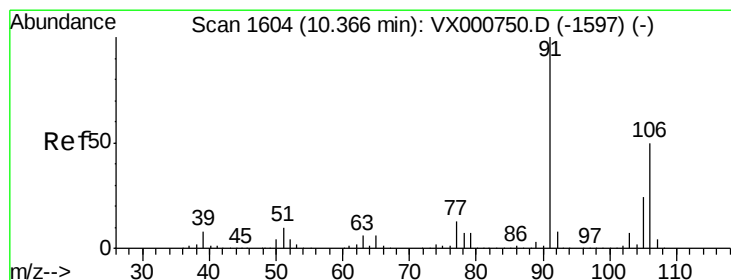
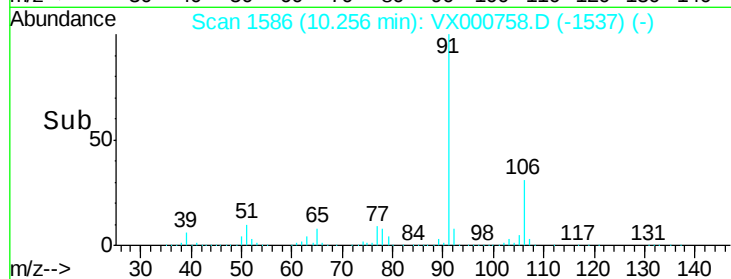
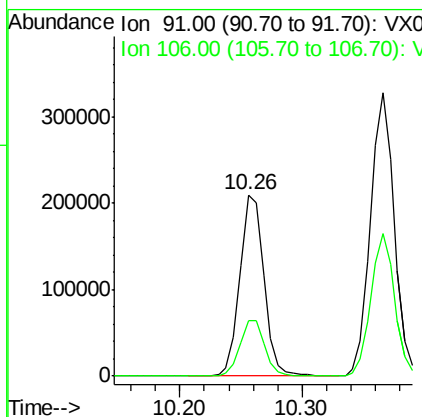
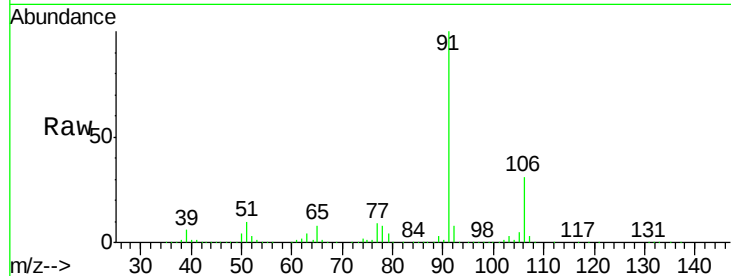
#67
Ethyl Benzene
Concen: 20.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 91 Resp: 286305
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

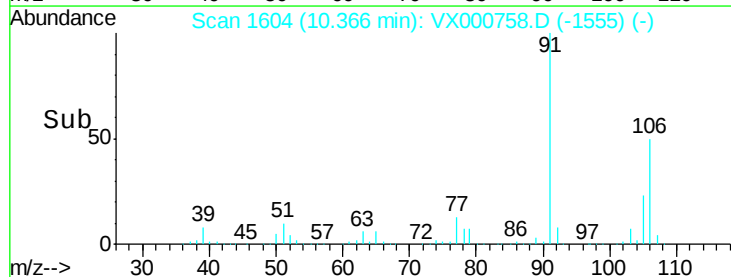
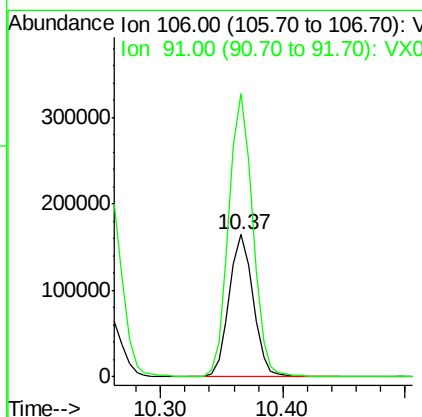
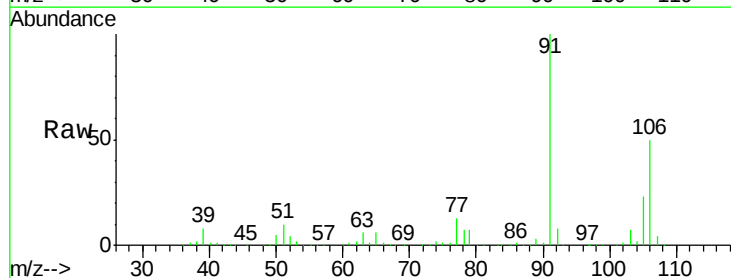
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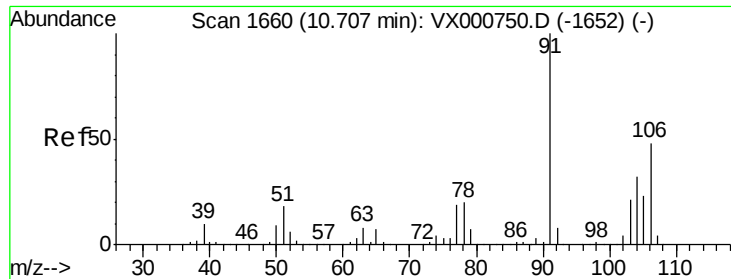
MMDadoda
4/11/2018 11:20:47 AM



#68
m/p-Xylenes
Concen: 39.74 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion: 106 Resp: 223828
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9





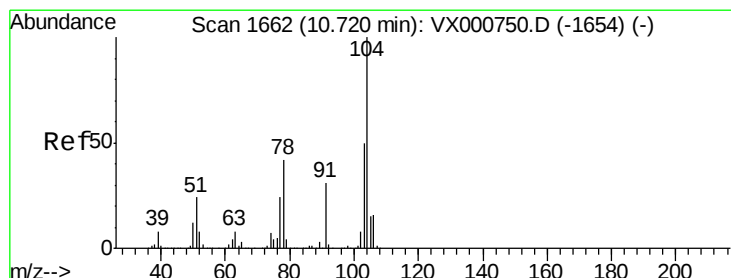
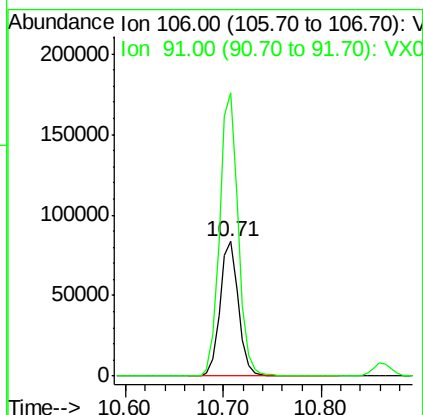
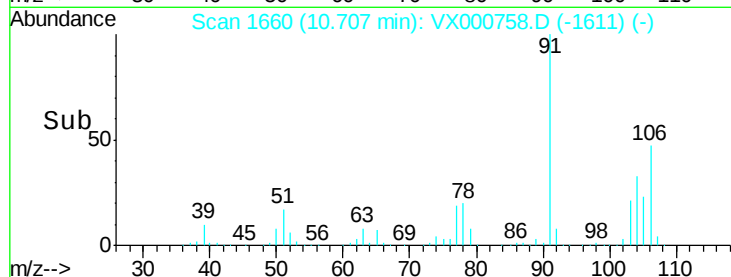
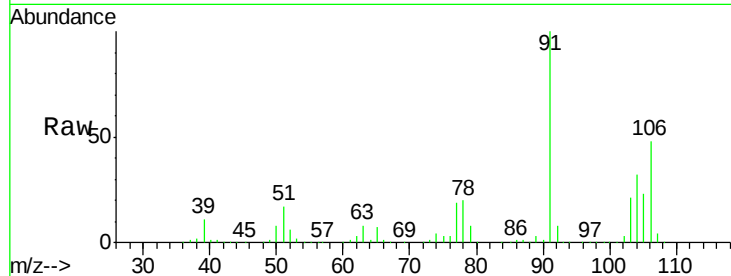
#69
o-Xylene
Concen: 20.06 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampled :
VX0410WBS01

Tot Ion:106 Resp: 108894
Ion Ratio Lower Upper
106 100
91 211.4 105.0 315.0

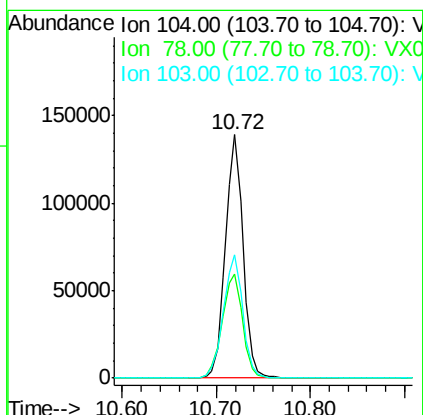
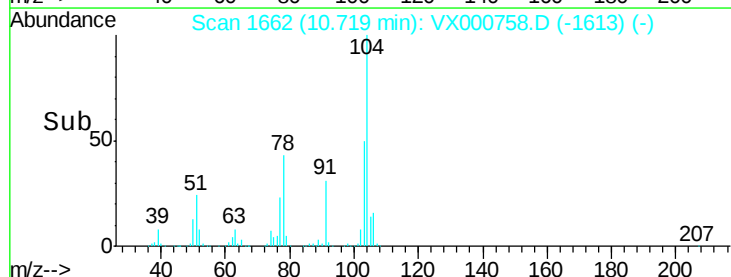
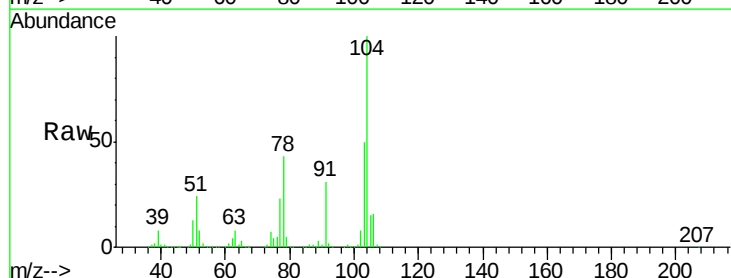
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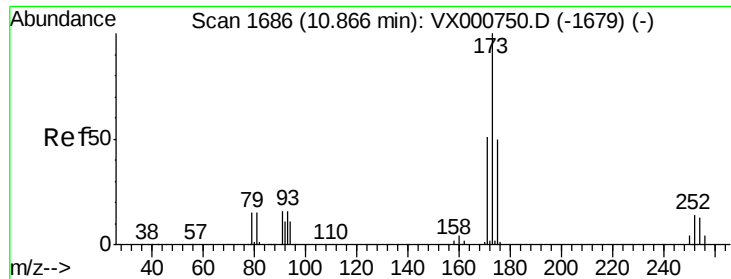
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#70
Styrene
Concen: 19.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion:104 Resp: 181652
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 55.6 44.1 66.1





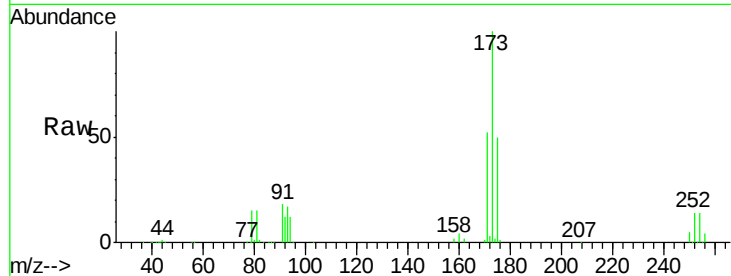
#71
Bromoform
Concen: 19.74 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

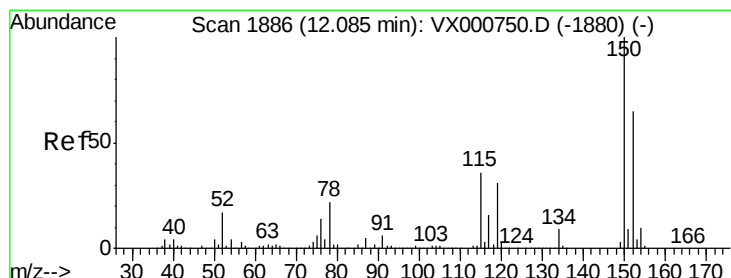
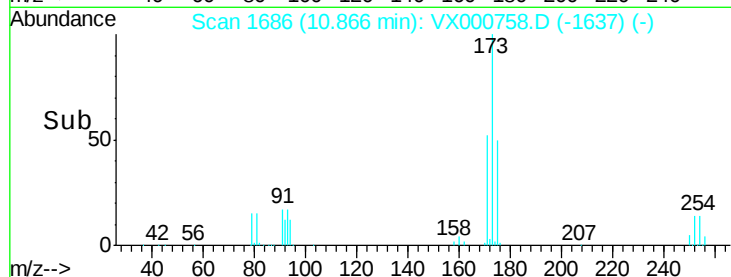
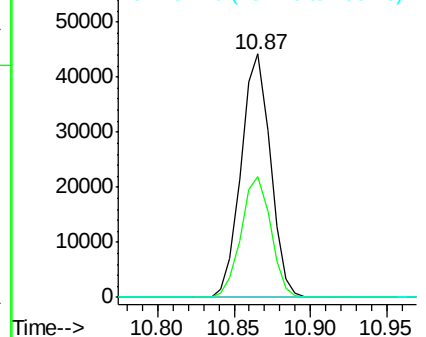
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.5	73.5
254	0.2	0.2	0.2

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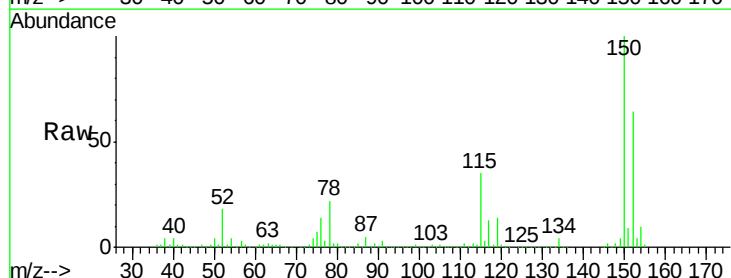


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

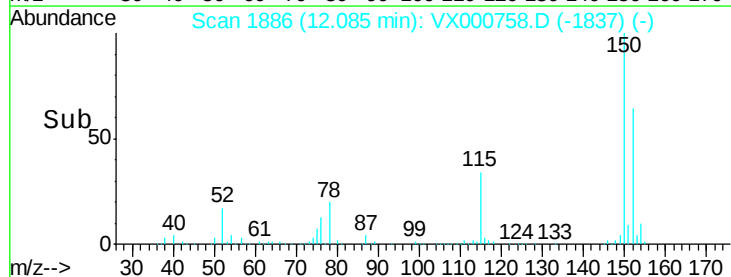
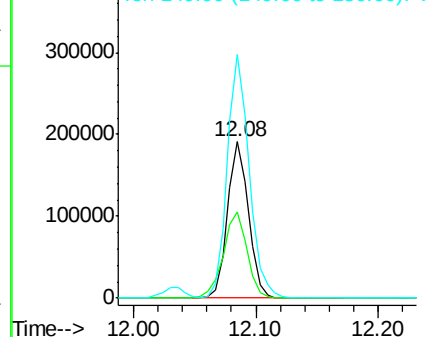


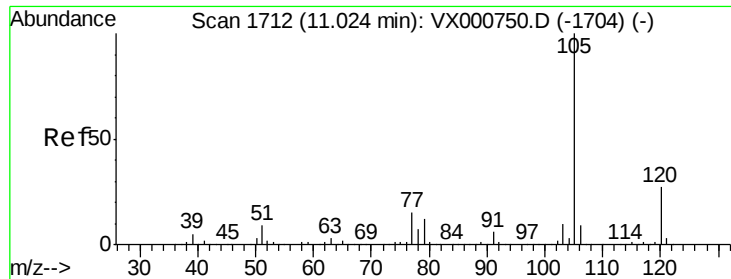
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	37.9	113.7
150	163.6	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: 20.49 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS01

Tot Ion: 105 Resp: 293591

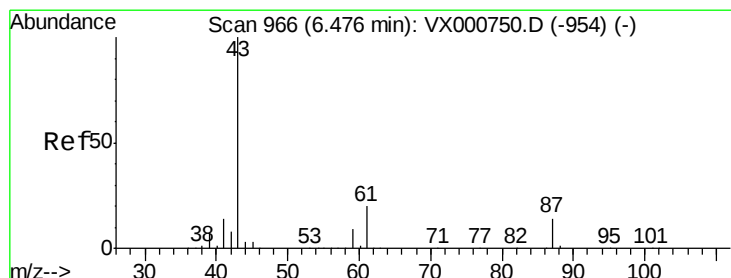
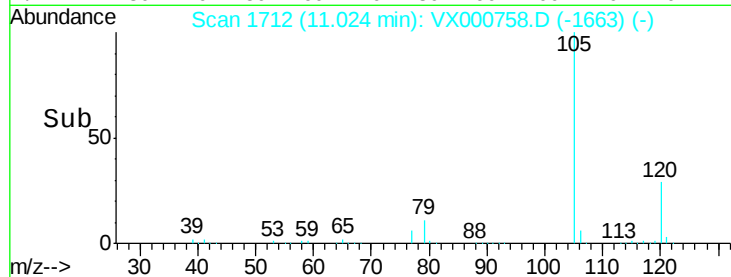
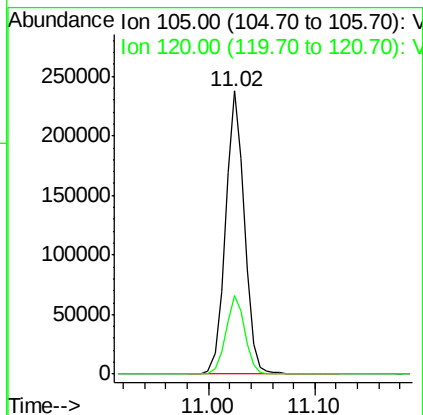
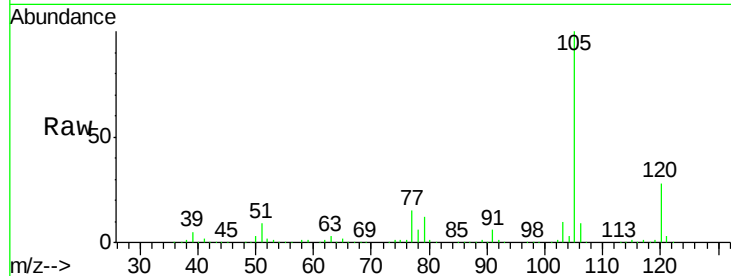
Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0

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#74

N-ethyl acetate

Concen: 21.01 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion: 43 Resp: 135577

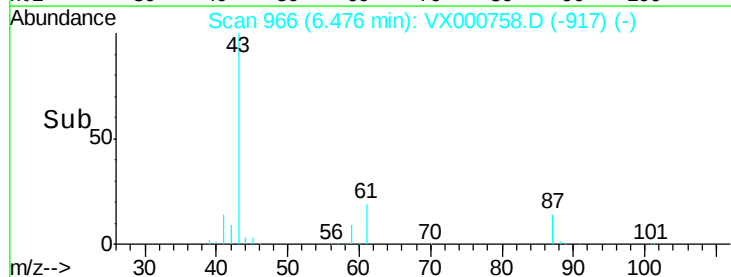
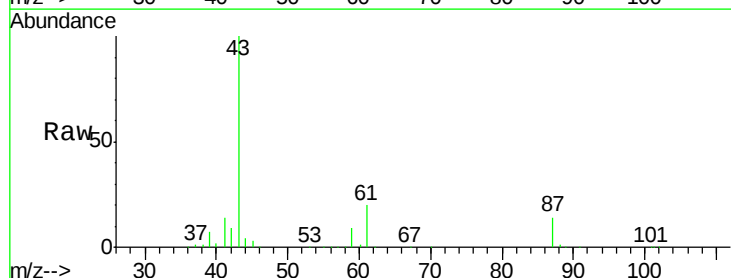
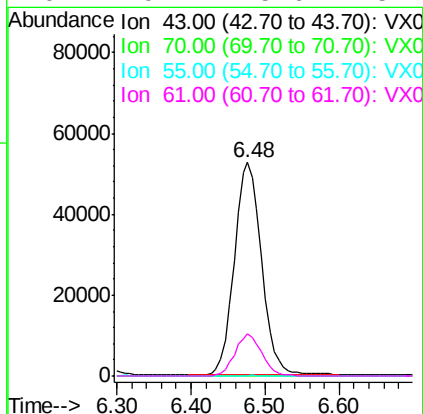
Ion Ratio Lower Upper

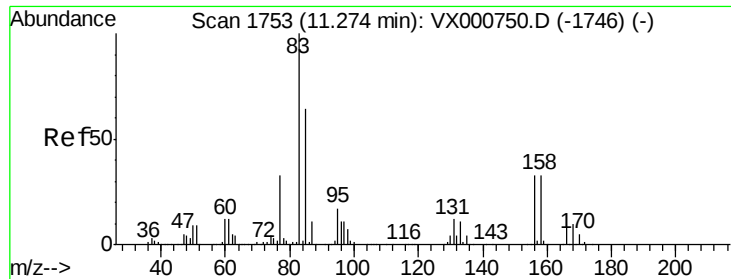
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.4 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

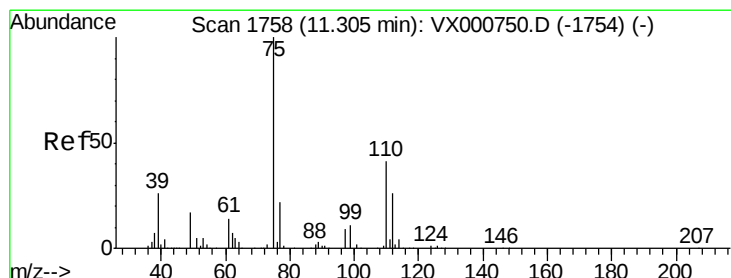
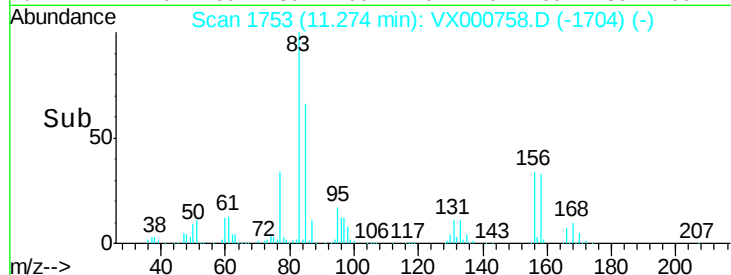
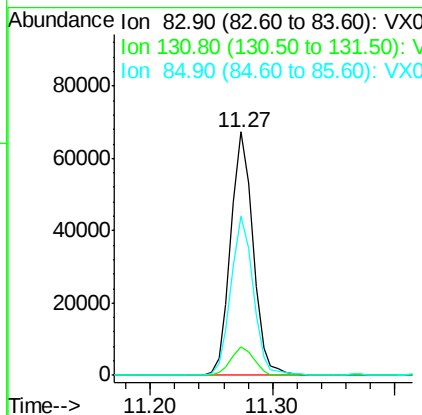
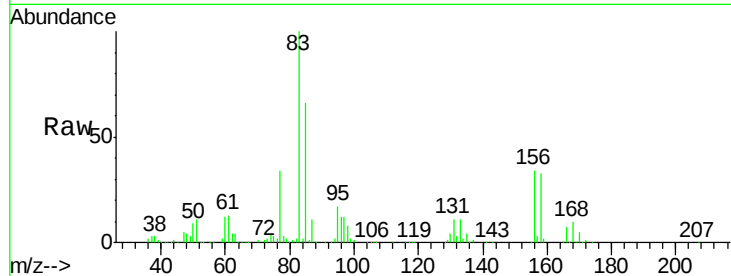
ClientSampled :

VX0410WBS01

Tot Ion:	83	Resp:	84870
Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.0	18.0
85	65.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.80 ug/l m

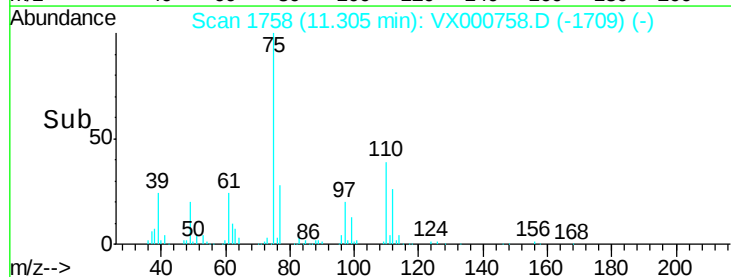
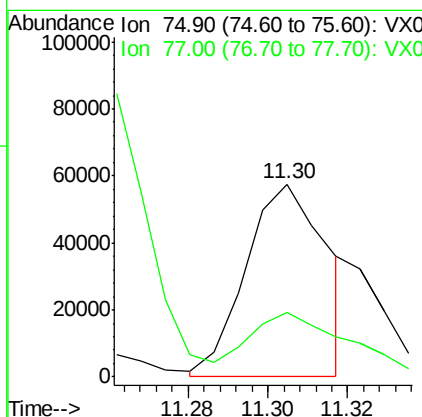
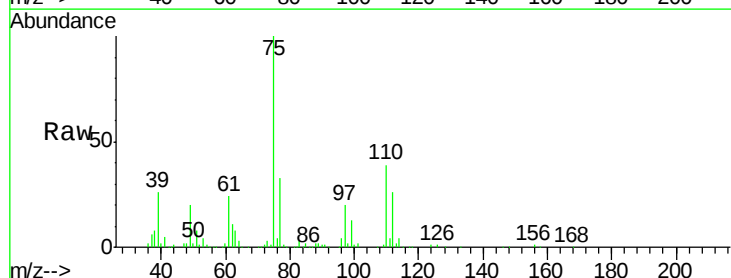
RT: 11.30 min Scan# 1758

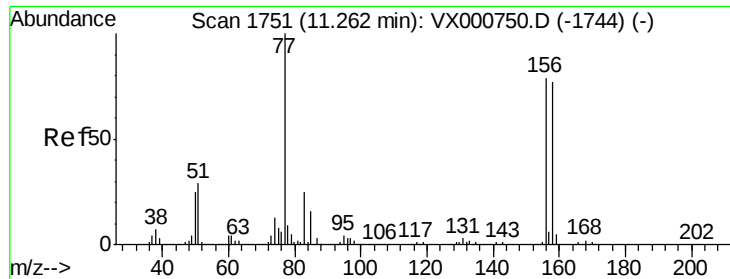
Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	75	Resp:	81029
Ion	Ratio	Lower	Upper
75	100		
77	41.0	20.5	61.5





#77

Bromobenzene

Concen: 20.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:156 Resp: 85428

Ion Ratio Lower Upper

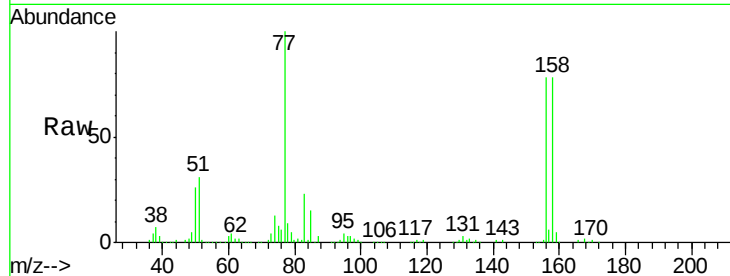
156 100

77 131.1 66.0 198.2

158 97.2 48.8 146.4

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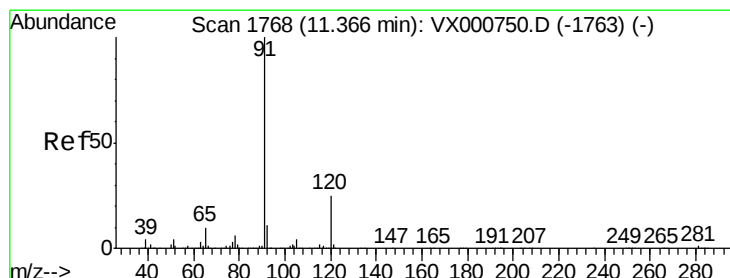
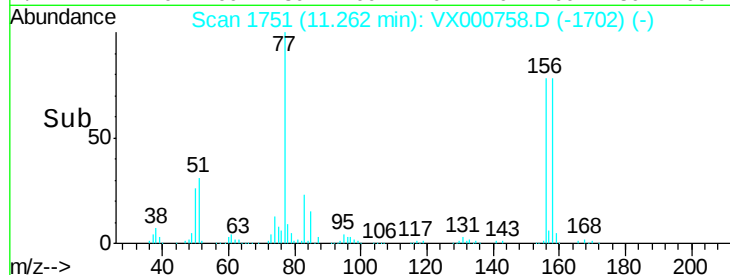
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.30



#78

n-propylbenzene

Concen: 20.21 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000758.D

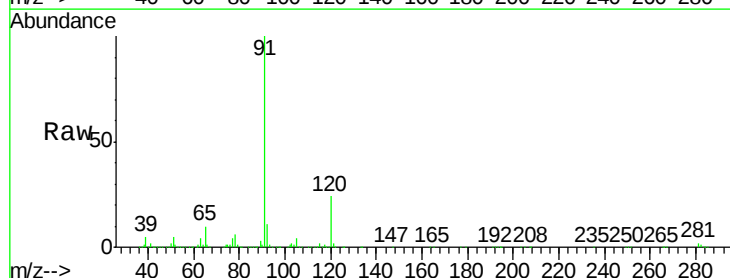
Acq: 10 Apr 2018 19:54

Tgt Ion: 91 Resp: 331150

Ion Ratio Lower Upper

91 100

120 25.0 12.6 37.6

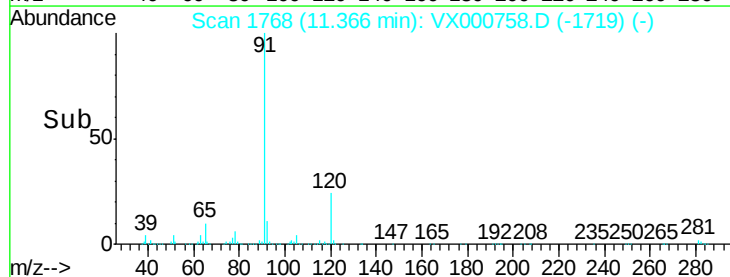


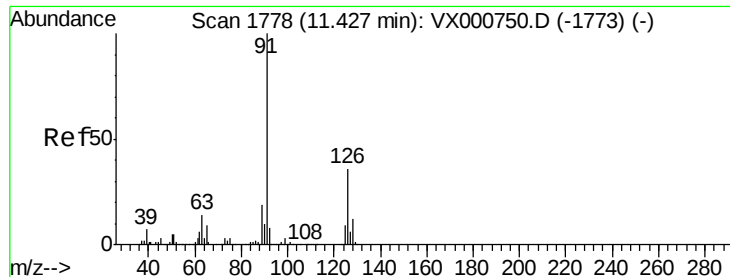
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

11.35 11.40





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 91 Resp: 195503

Ion Ratio Lower Upper

91 100

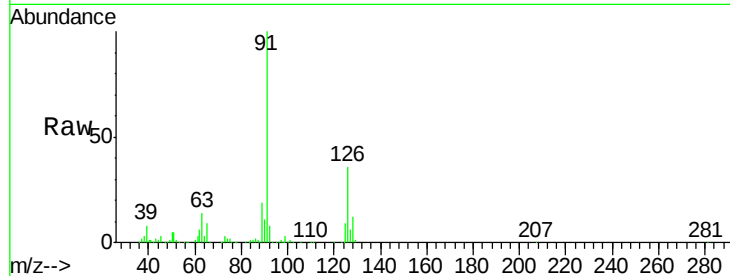
126 36.8 18.3 54.9

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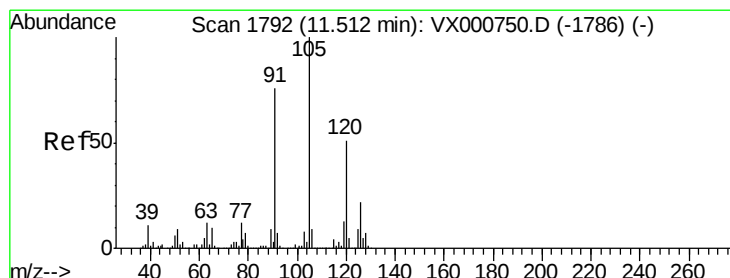
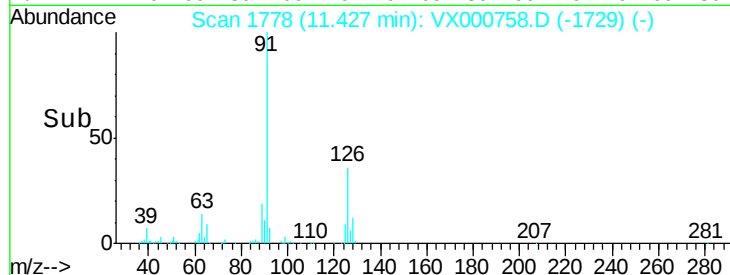
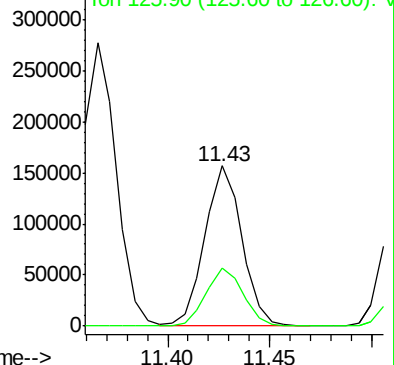
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Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000758.D

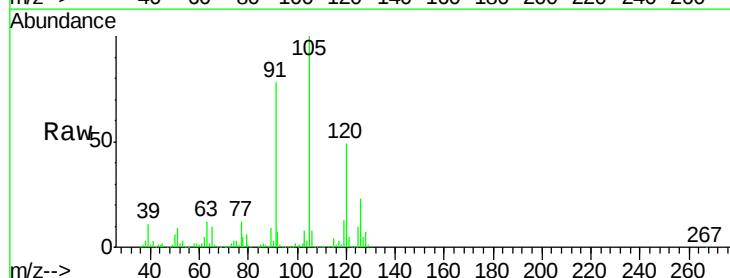
Acq: 10 Apr 2018 19:54

Tgt Ion: 105 Resp: 250874

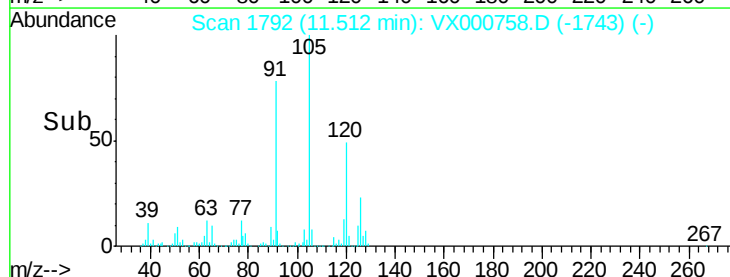
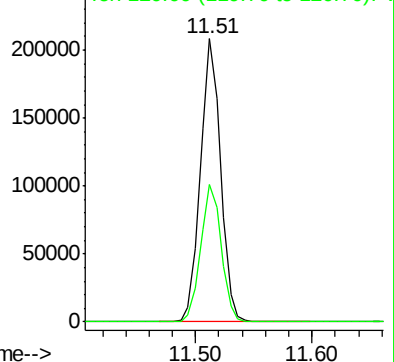
Ion Ratio Lower Upper

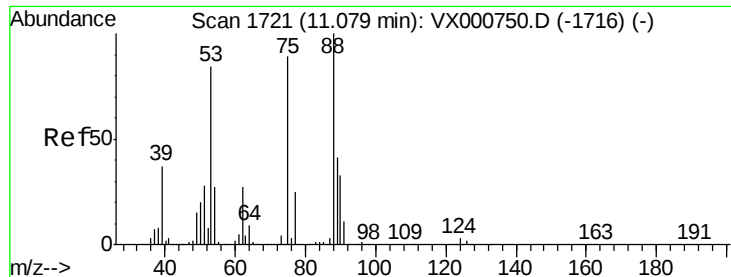
105 100

120 49.6 25.0 75.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

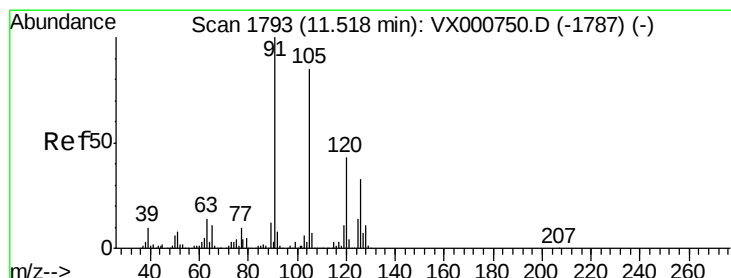
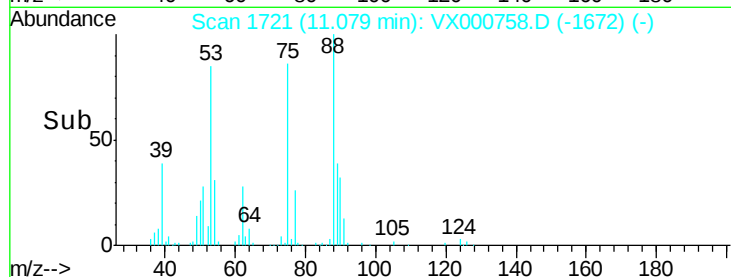
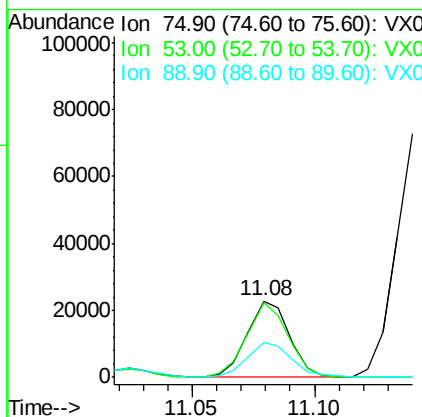
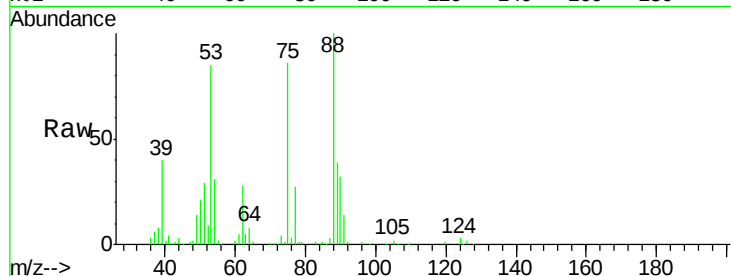
ClientSampleId :

VX0410WBS01

Tot Ion:	75	Resp:	27231
Ion Ratio	Lower	Upper	
75	100		
53	98.1	75.4	113.0
89	49.2	40.9	61.3

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#82

4-Chlorotoluene

Concen: 20.12 ug/l

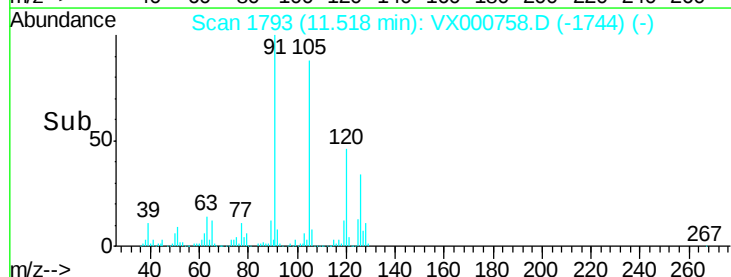
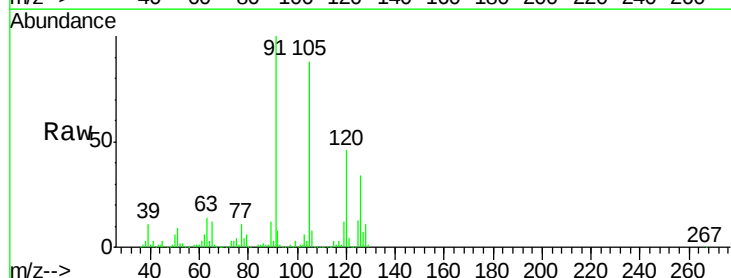
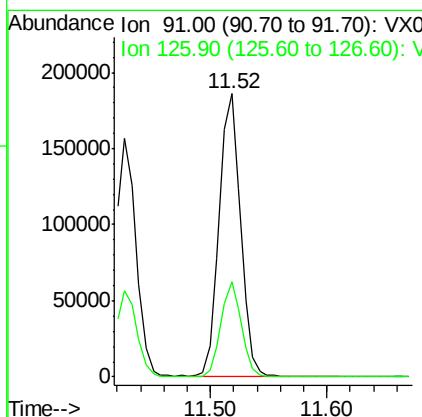
RT: 11.52 min Scan# 1793

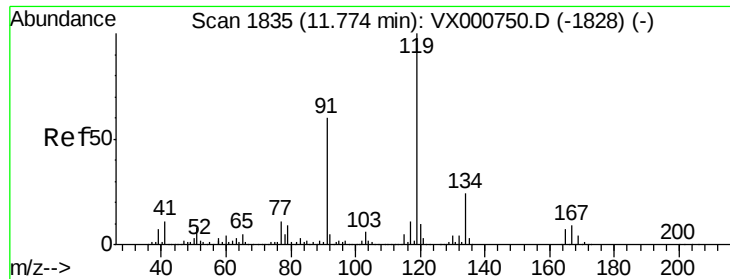
Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	91	Resp:	235283
Ion Ratio	Lower	Upper	
91	100		
126	32.3	16.2	48.6





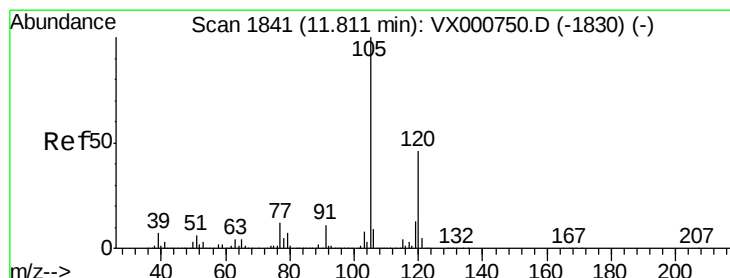
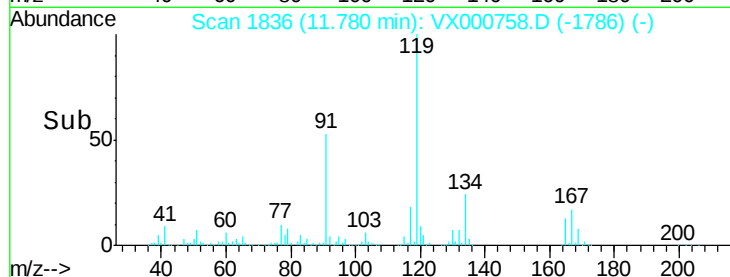
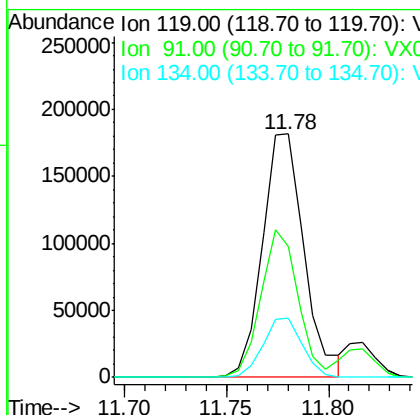
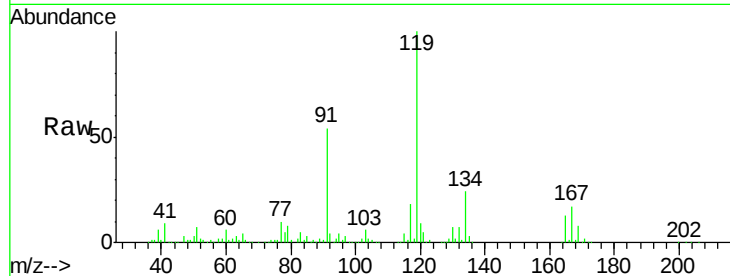
#83
tert-Butylbenzene
Concen: 20.51 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	26.8	80.3
134	23.1	11.5	34.4

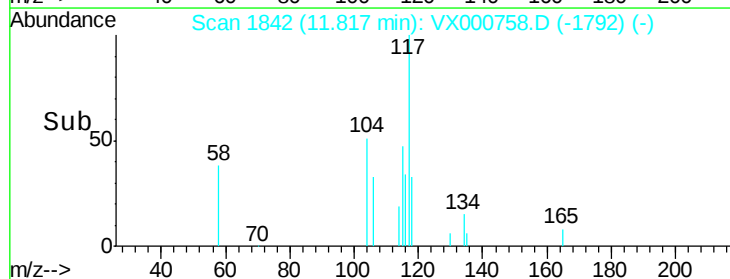
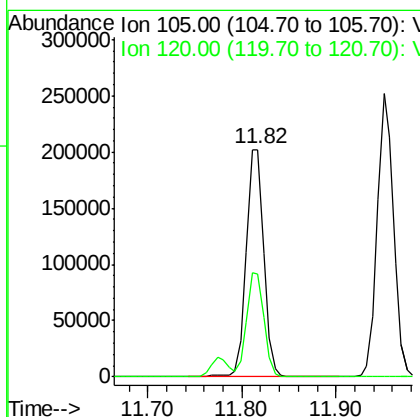
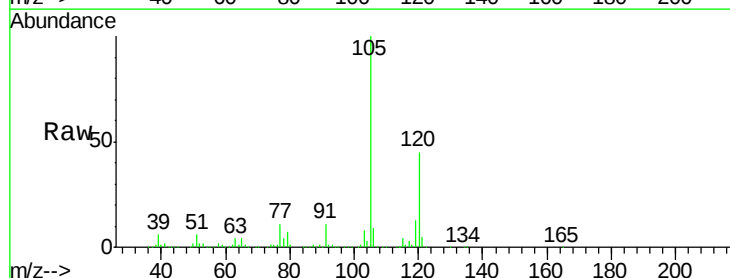
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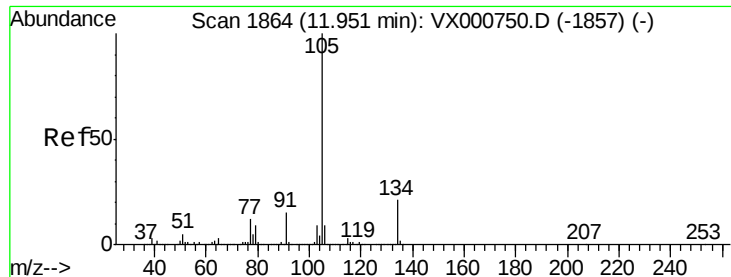
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.48 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS01

Tot Ion:105 Resp: 301686

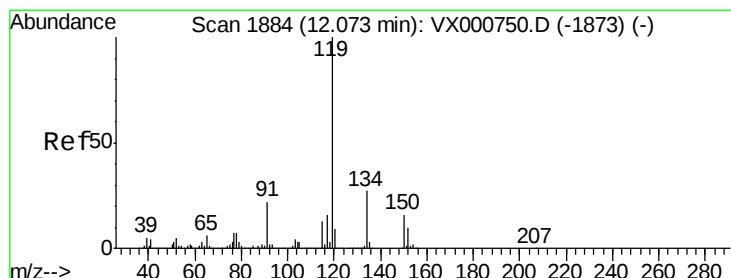
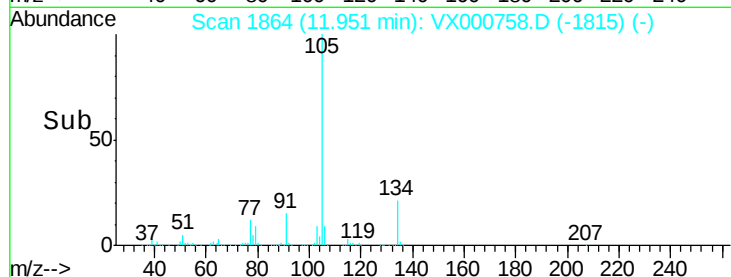
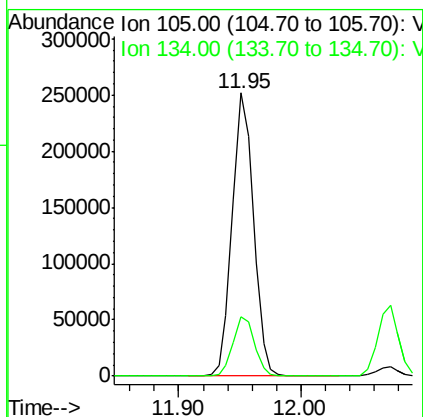
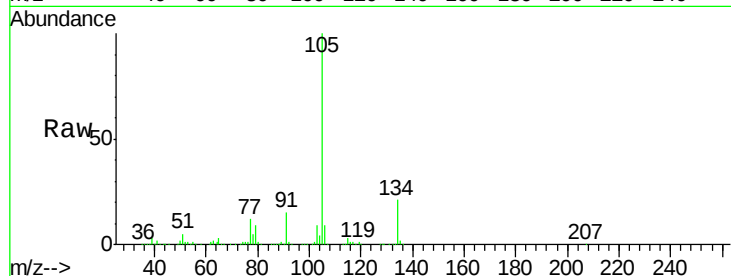
Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

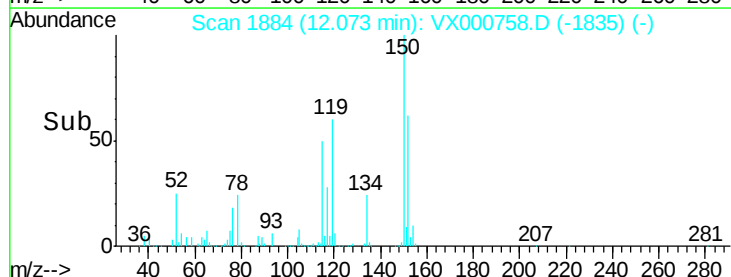
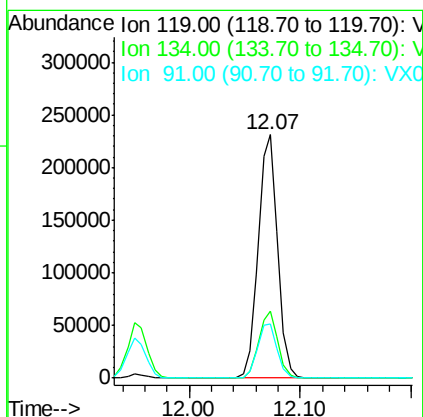
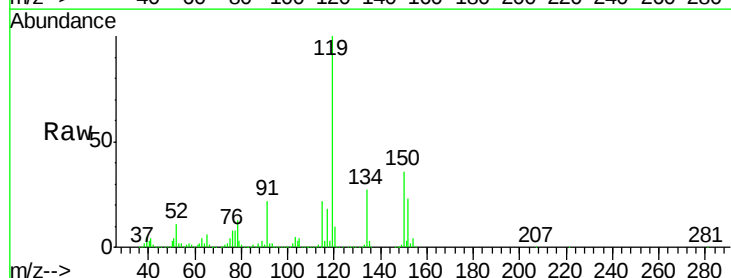
Tgt Ion:119 Resp: 280101

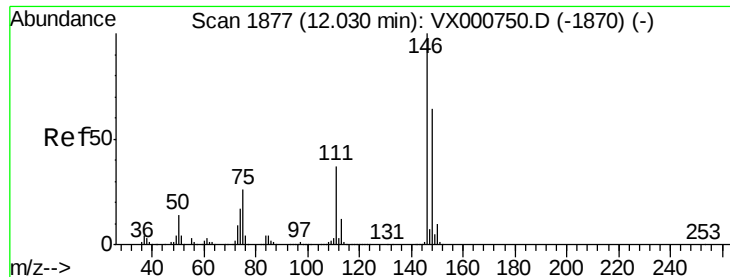
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.7 11.2 33.5





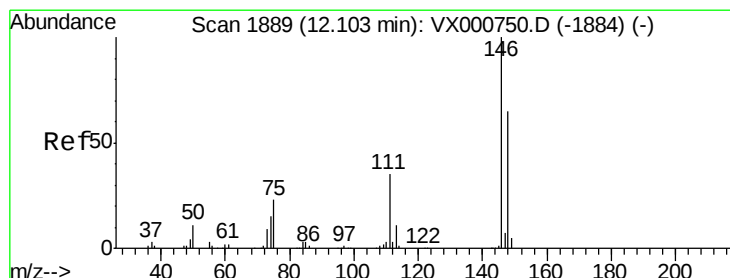
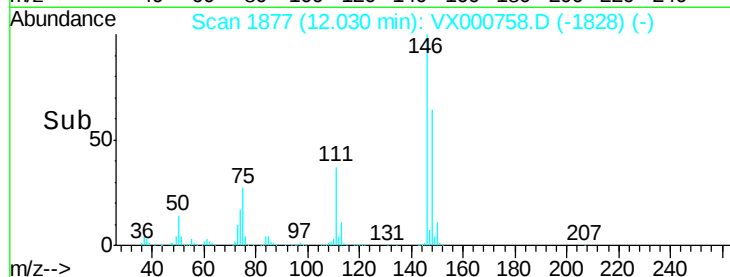
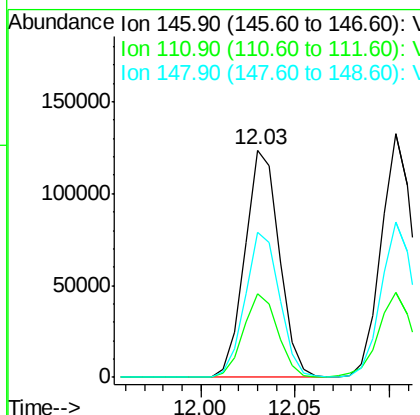
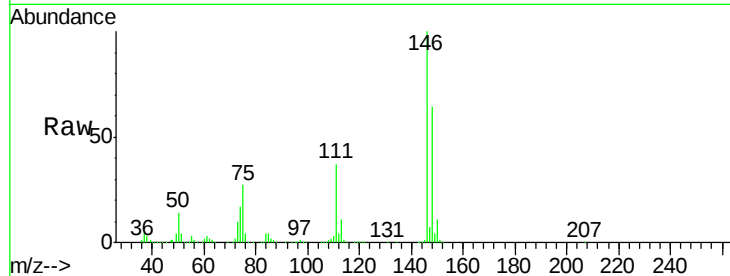
#87
 1,3-Dichlorobenzene
 Concen: 20.19 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	63.9	32.2	96.6

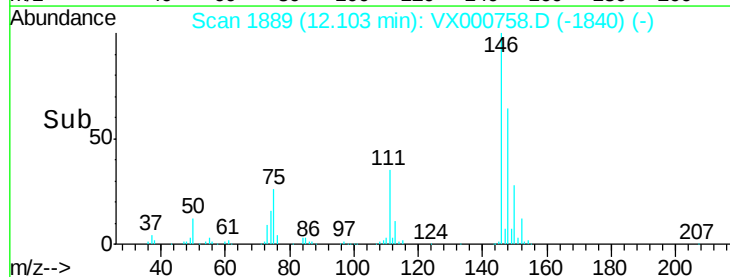
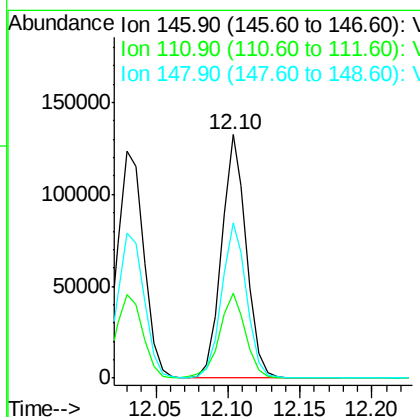
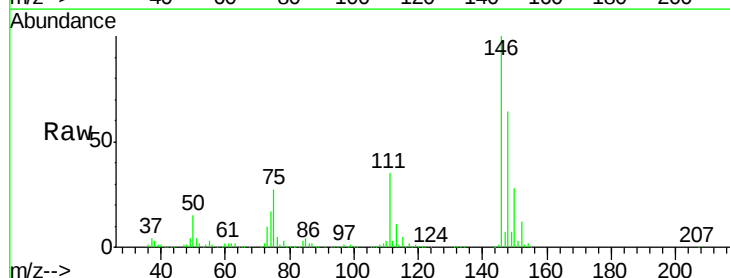
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#88
 1,4-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.8
148	64.9	32.6	97.7





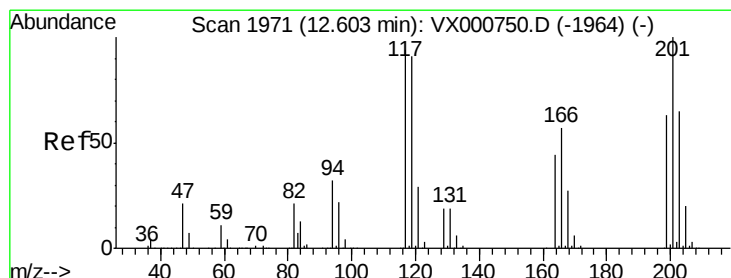
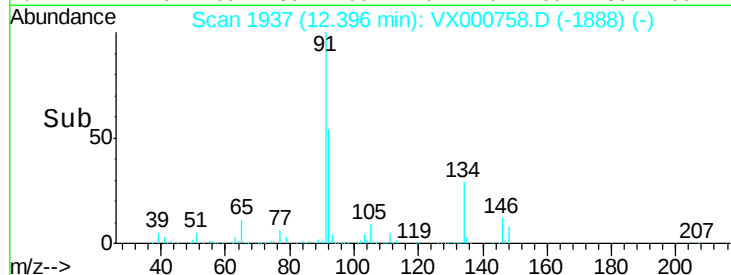
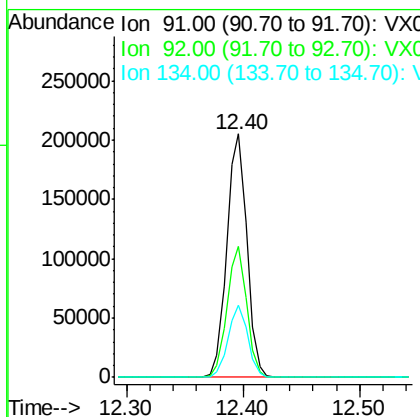
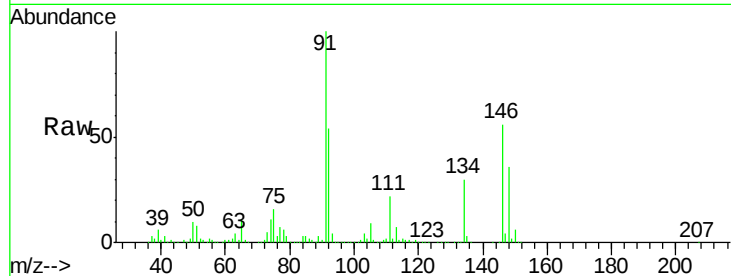
#89
n-Butylbenzene
Concen: 20.01 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.5
134	29.0	14.5	43.5

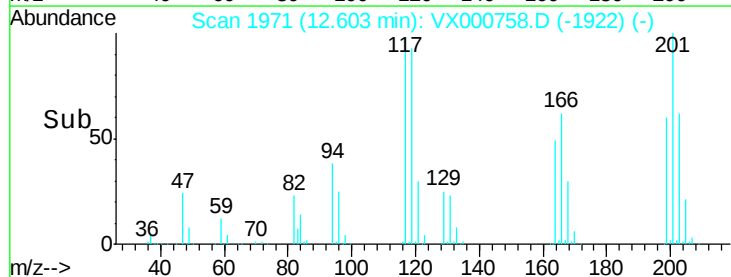
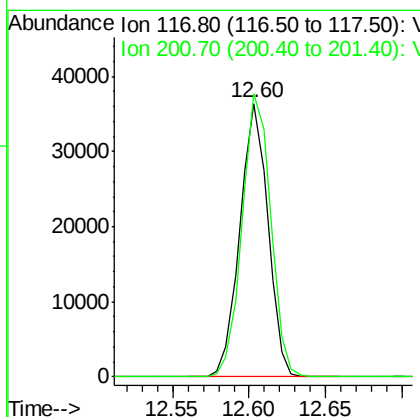
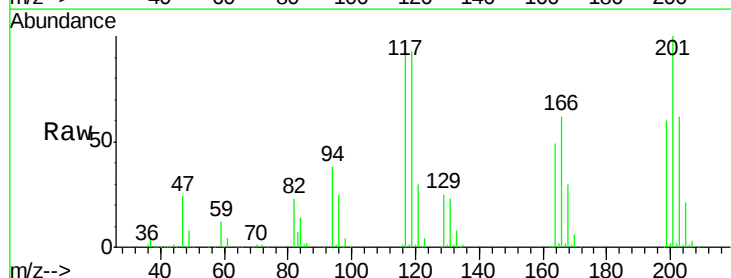
Manual Integrations
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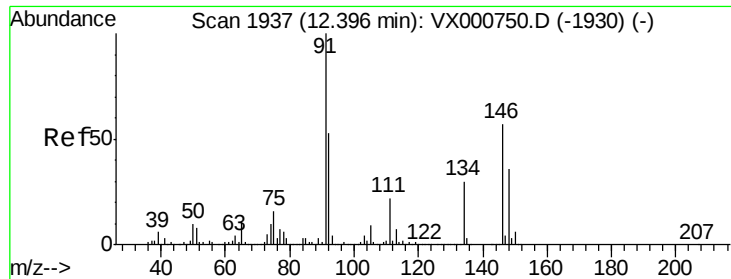
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#90
Hexachloroethane
Concen: 19.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.8	52.9	158.7





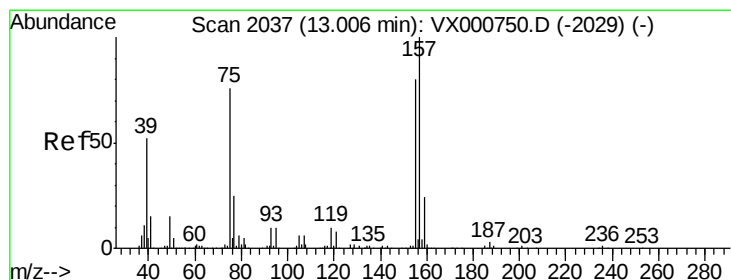
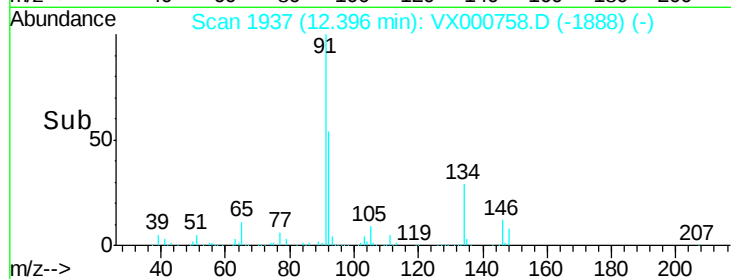
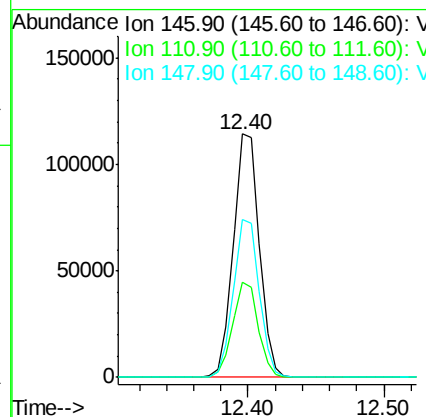
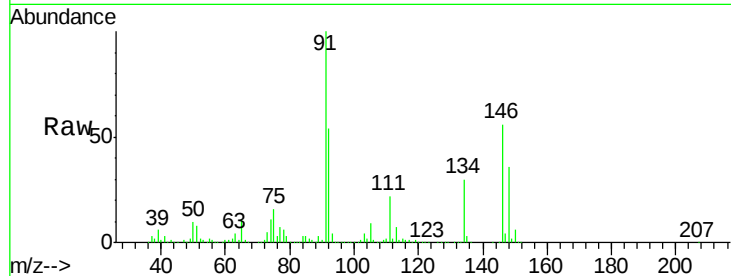
#91
1,2-Dichlorobenzene
Concen: 20.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.7
148	64.4	32.0	96.2

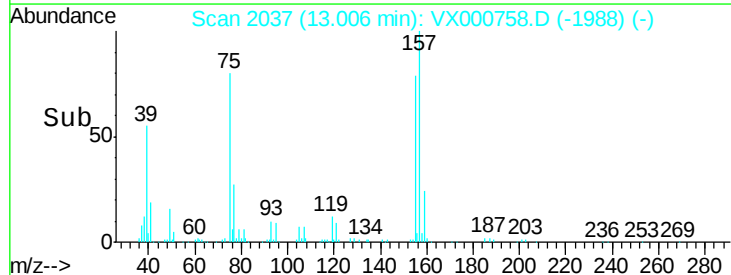
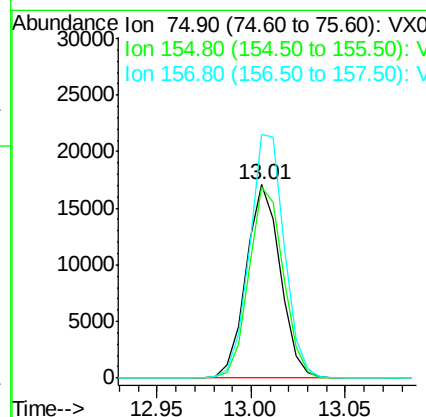
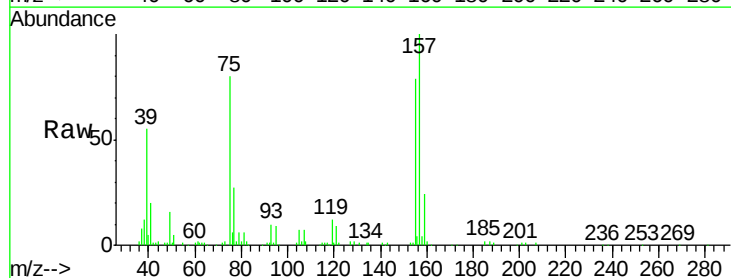
Manual Integrations
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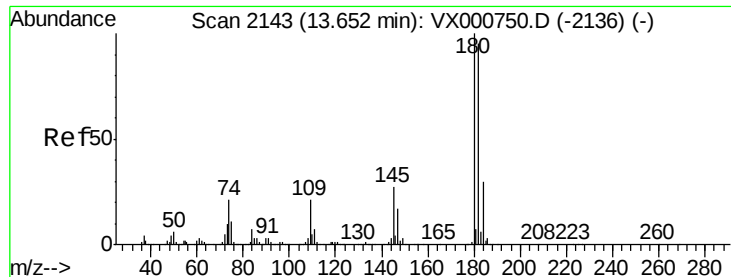
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.60 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX000758.D
Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	51.9	155.8
157	127.7	66.6	199.8





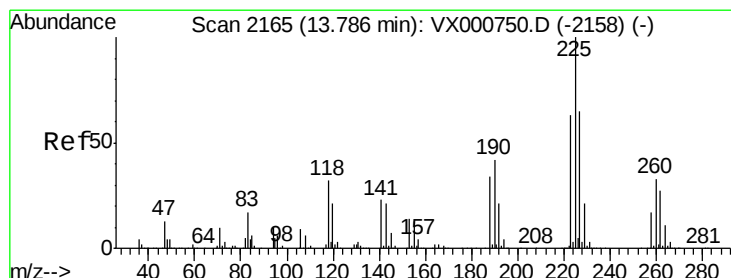
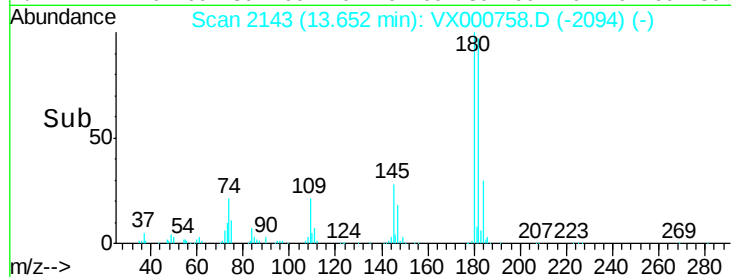
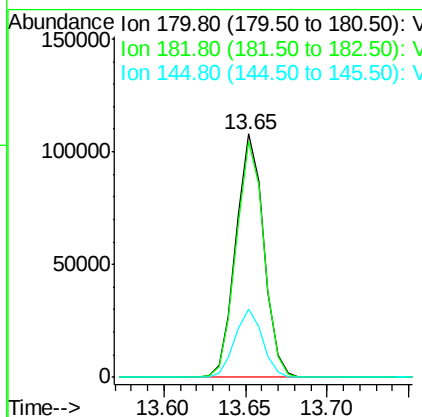
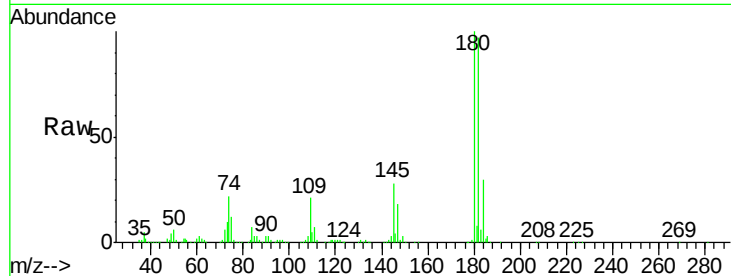
#93
 1,2,4-Trichlorobenzene
 Concen: 19.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127796		
182	96.8	47.5	142.5	
145	27.8	13.8	41.4	

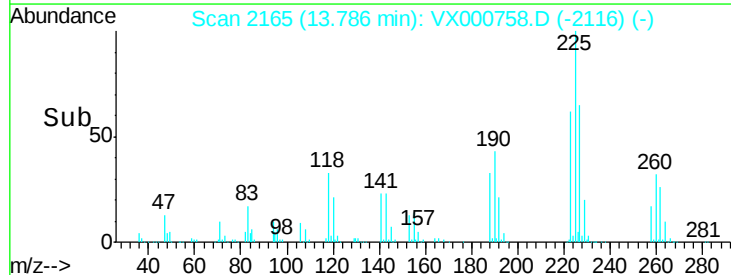
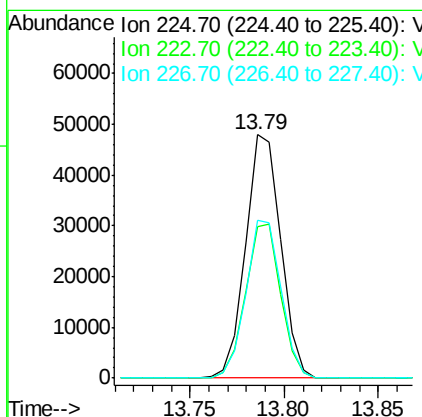
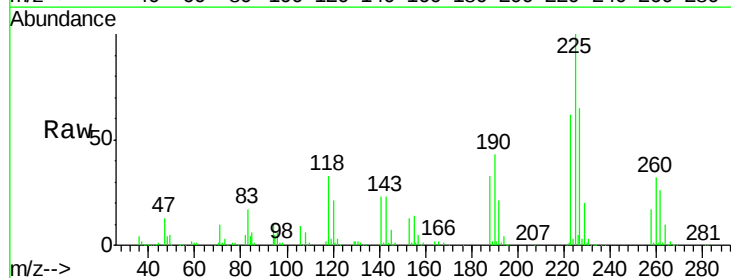
Manual Integrations
 APPROVED

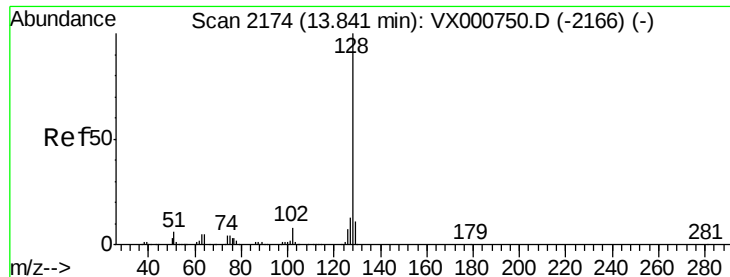
MMDadoda
 4/11/2018 11:20:47 AM



#94
 Hexachlorobutadiene
 Concen: 19.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000758.D
 Acq: 10 Apr 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61977		
223	63.1	31.2	93.6	
227	64.9	32.3	96.9	





#95

Naphthalene

Concen: 20.80 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Instrument :

MSVOA_X

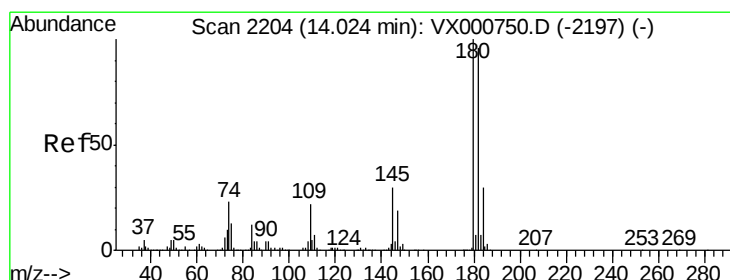
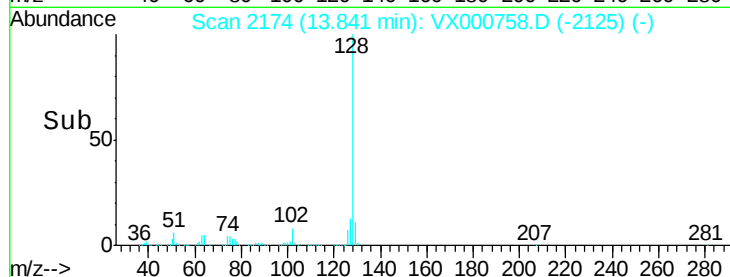
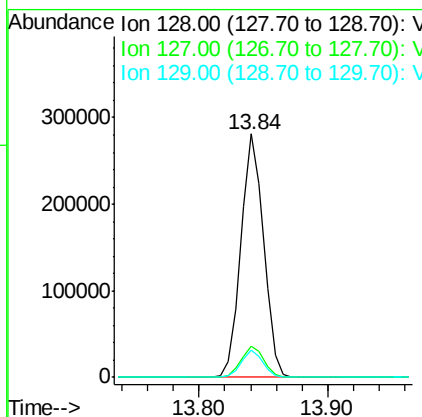
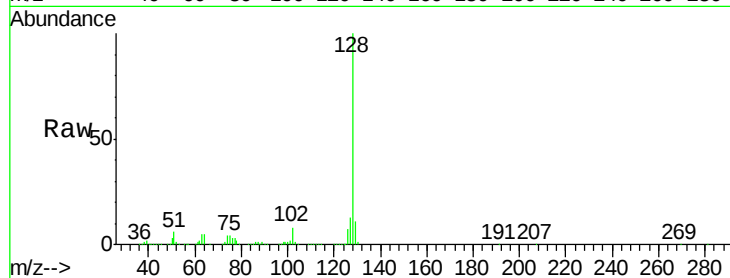
ClientSampleId :

VX0410WBS01

Tot Ion:	128	Resp:	341829
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.11 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000758.D

Acq: 10 Apr 2018 19:54

Tgt Ion:	180	Resp:	125066
Ion Ratio		Lower	Upper
180	100		
182	96.6	48.4	145.2
145	29.0	14.6	43.8

