

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000818.D
 Acq On : 12 Apr 2018 22:55
 Operator : JC/MD
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Manual Integrations
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 4/13/2018 2:58:15 PM

Quant Time: Apr 13 07:55:15 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	257645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	162398	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.51	113	136530	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.72	98	498942	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	200019	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59188	20.35	ug/l	99
3) Chloromethane	1.32	50	48287	19.36	ug/l	99
4) Vinyl Chloride	1.40	62	57070	20.35	ug/l	99
5) Bromomethane	1.65	94	27422	22.87	ug/l	99
6) Chloroethane	1.73	64	35070	20.63	ug/l	97
7) Trichlorofluoromethane	1.93	101	85175	20.13	ug/l	97
8) Diethyl Ether	2.20	74	32670	20.67	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49950	20.02	ug/l	99
10) Methyl Iodide	2.51	142	18317	16.11	ug/l	99
11) Tert butyl alcohol	3.08	59	58315	101.11	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47879	20.25	ug/l	97
13) Acrolein	2.30	56	17223	61.49	ug/l	100
14) Allyl chloride	2.73	41	86307	19.74	ug/l	98
15) Acrylonitrile	3.15	53	133866	108.86	ug/l	100
16) Acetone	2.45	43	108576	96.92	ug/l	98
17) Carbon Disulfide	2.57	76	128394	17.93	ug/l	98
18) Methyl Acetate	2.79	43	66144	22.82	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	163751	20.79	ug/l	97
20) Methylene Chloride	2.86	84	51881	19.91	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51374	19.70	ug/l	97
22) Diisopropyl ether	3.88	45	172997	21.53	ug/l	96
23) Vinyl Acetate	3.83	43	748159	106.04	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96347	21.37	ug/l	99
25) 2-Butanone	4.71	43	195112	105.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75664	16.91	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	60399	20.41	ug/l	98
28) Bromochloromethane	5.03	49	37305	20.55	ug/l	96
29) Tetrahydrofuran	5.18	42	125829	107.12	ug/l	99
30) Chloroform	5.22	83	99558	20.85	ug/l	98
31) Cyclohexane	5.59	56	83750	19.56	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	91883	20.20	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74646	19.14	ug/l	98
37) Ethyl Acetate	4.87	43	78200	20.54	ug/l	99
38) Carbon Tetrachloride	5.79	117	82645	18.93	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	86465	18.46	ug/l	98
40) Benzene	6.15	78	216655	19.99	ug/l	98
41) Methacrylonitrile	5.07	41	45247	20.57	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81665	20.18	ug/l	100
43) Isopropyl Acetate	6.48	43	130591	20.01	ug/l	100
44) Trichloroethene	7.22	130	66564	19.75	ug/l	99
45) 1,2-Dichloropropane	7.53	63	56112	20.34	ug/l	97
46) Dibromomethane	7.67	93	38056	19.78	ug/l	100
47) Bromodichloromethane	7.91	83	75972	19.57	ug/l	97
48) Methyl methacrylate	7.79	41	68686	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	25296	372.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	403747	105.30	ug/l	99
52) Toluene	8.79	92	142535	19.83	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88917	19.09	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83636	18.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56682	19.86	ug/l	99
56) Ethyl methacrylate	9.19	69	87582	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93914	20.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	214300	104.18	ug/l	100
59) 2-Hexanone	9.51	43	303562	102.56	ug/l	100
60) Dibromochloromethane	9.59	129	64216	18.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61542	20.33	ug/l	100
64) Tetrachloroethene	9.34	164	66791	20.33	ug/l	99
65) Chlorobenzene	10.15	112	167510	19.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61567	19.35	ug/l	99
67) Ethyl Benzene	10.26	91	276764	19.64	ug/l	99
68) m/p-Xylenes	10.37	106	218073	39.20	ug/l	100
69) o-Xylene	10.71	106	106596	19.88	ug/l	99
70) Styrene	10.72	104	176946	19.57	ug/l	100
71) Bromoform	10.87	173	53465	18.15	ug/l #	100
73) Isopropylbenzene	11.02	105	287759	20.28	ug/l	100
74) N-amyl acetate	6.48	43	130591	20.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84729	20.57	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81612m	21.16	ug/l	
77) Bromobenzene	11.26	156	82995	19.96	ug/l	99
78) n-propylbenzene	11.37	91	323146	19.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	191355	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242447	19.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22964	16.38	ug/l	90
82) 4-Chlorotoluene	11.52	91	230849	19.94	ug/l	99
83) tert-Butylbenzene	11.77	119	248957	19.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250986	19.92	ug/l	100
85) sec-Butylbenzene	11.95	105	292917	19.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	269546	19.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	151928	19.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153971	19.52	ug/l	99
89) n-Butylbenzene	12.40	91	233585	19.27	ug/l	100
90) Hexachloroethane	12.60	117	41490	17.85	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148129	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19650	19.04	ug/l	98

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MSVOA_X
ClientSampleId :
VX0412WBS02

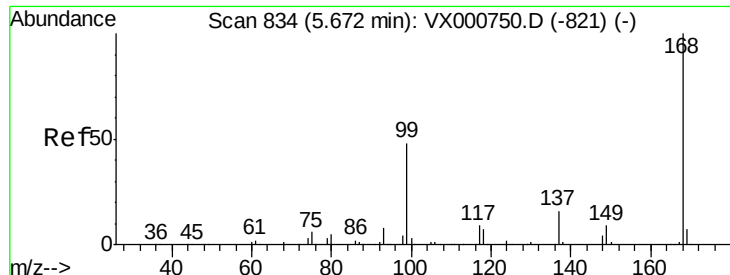
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123925	19.54	ug/l	99
94) Hexachlorobutadiene	13.79	225	59329	19.03	ug/l	100
95) Naphthalene	13.84	128	334088	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122377	19.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion:168 Resp: 257645

Ion Ratio Lower Upper

168 100

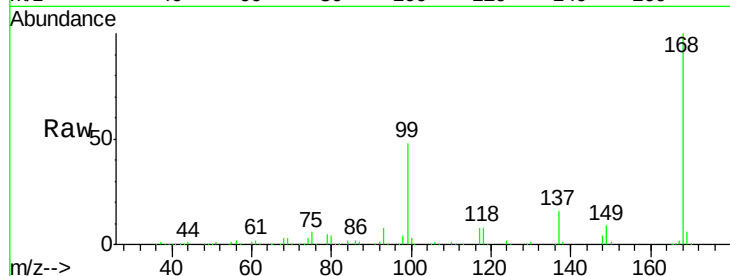
99 47.9 38.3 57.5

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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

80000

60000

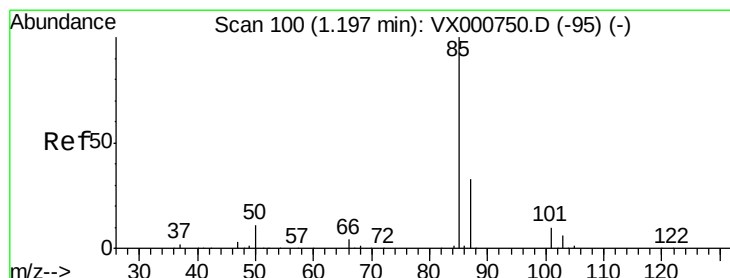
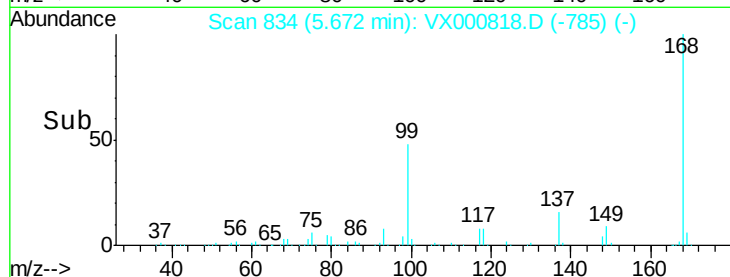
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000818.D

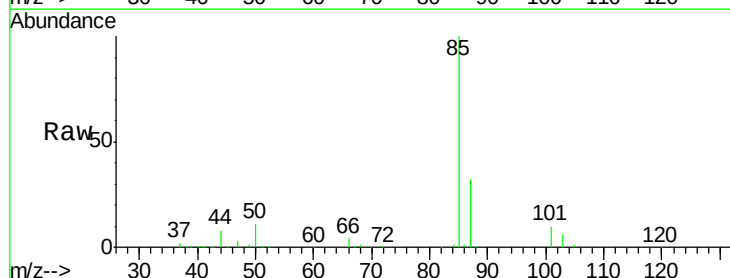
Acq: 12 Apr 2018 22:55

Tgt Ion: 85 Resp: 59188

Ion Ratio Lower Upper

85 100

87 31.9 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

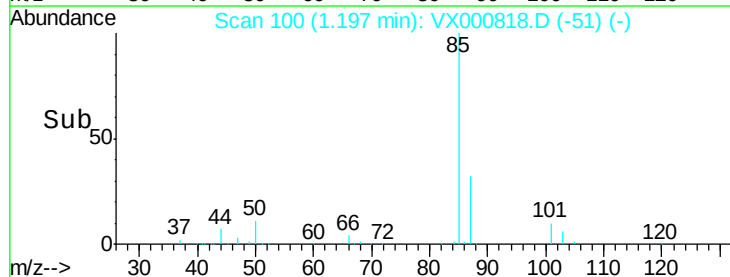
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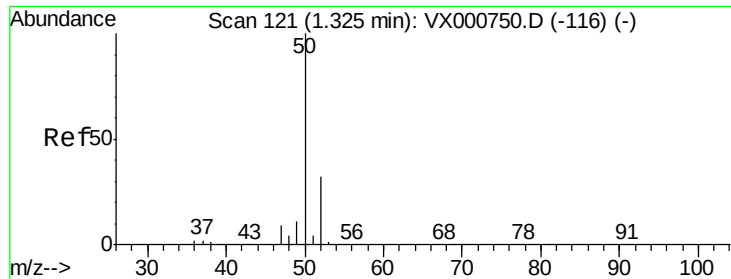
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 50 Resp: 48287

Ion Ratio Lower Upper

50 100

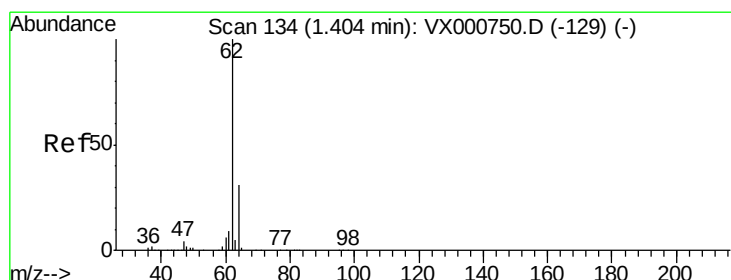
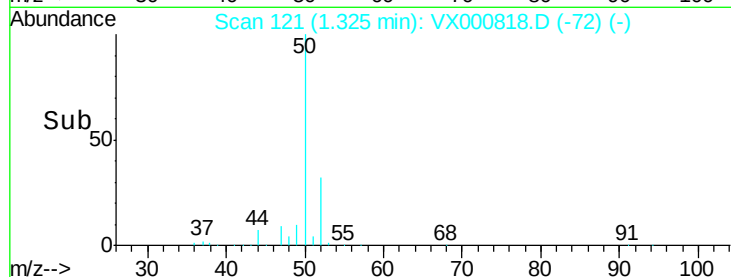
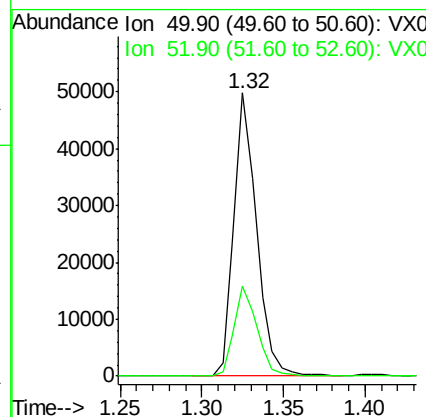
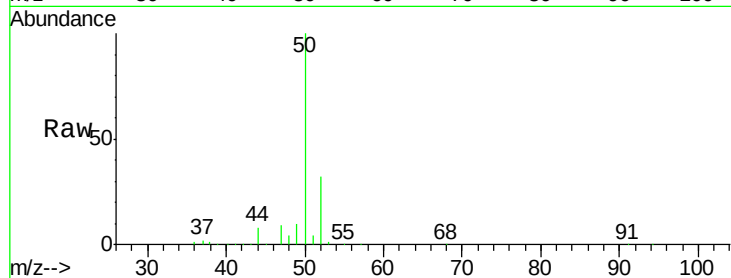
52 31.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.35 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000818.D

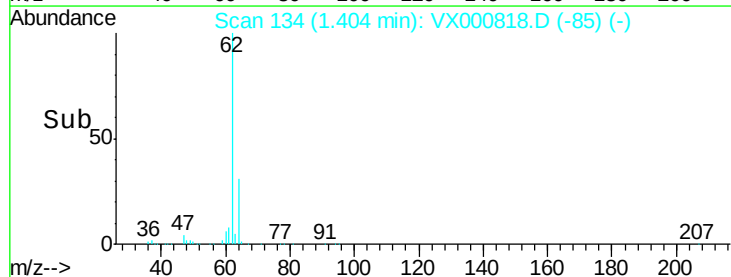
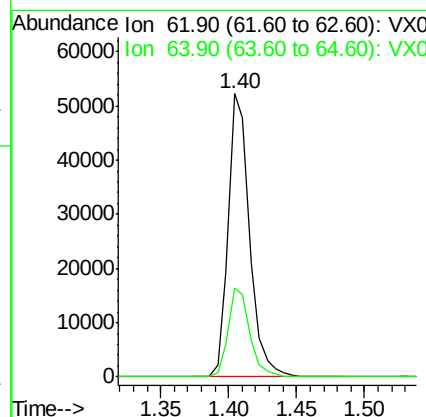
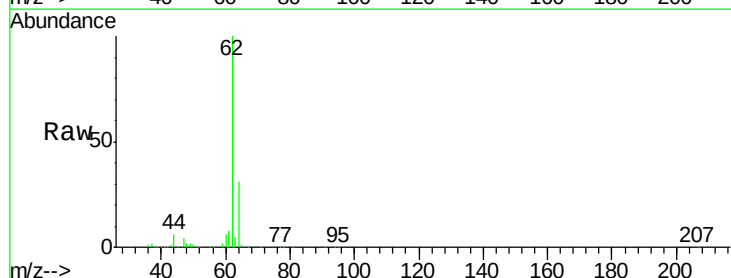
Acq: 12 Apr 2018 22:55

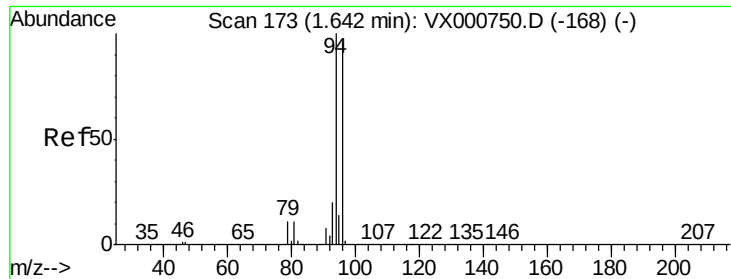
Tgt Ion: 62 Resp: 57070

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 22.87 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 94 Resp: 27422

Ion Ratio Lower Upper

94 100

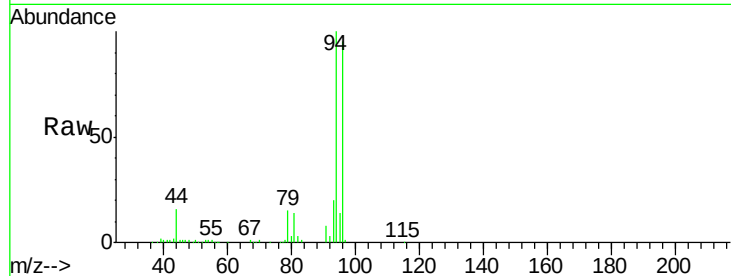
96 94.9 77.0 115.6

Manual Integrations

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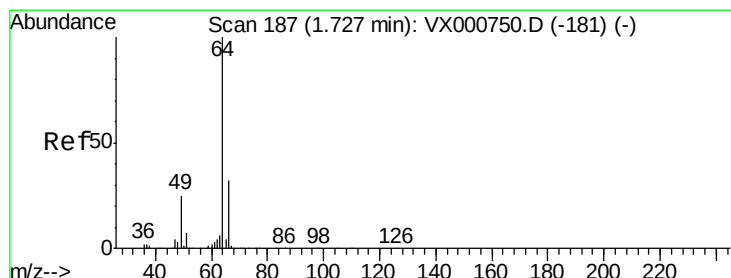
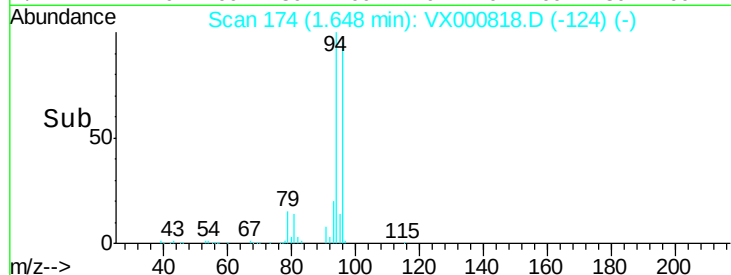
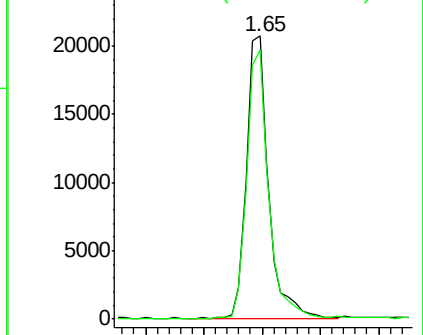
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.63 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000818.D

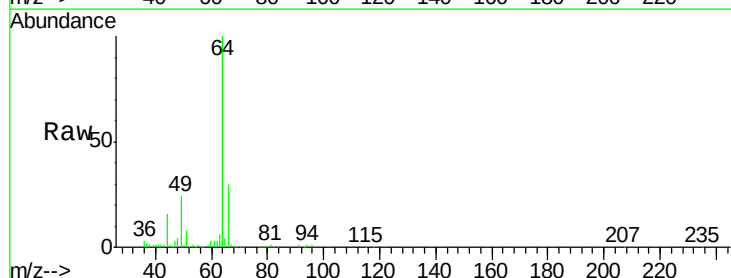
Acq: 12 Apr 2018 22:55

Tgt Ion: 64 Resp: 35070

Ion Ratio Lower Upper

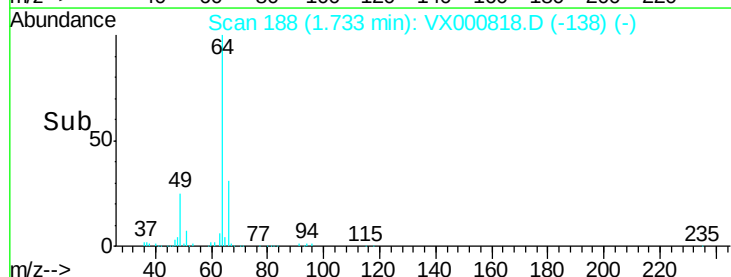
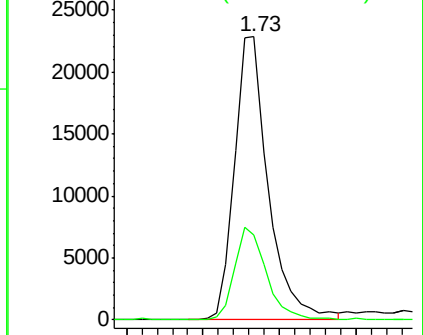
64 100

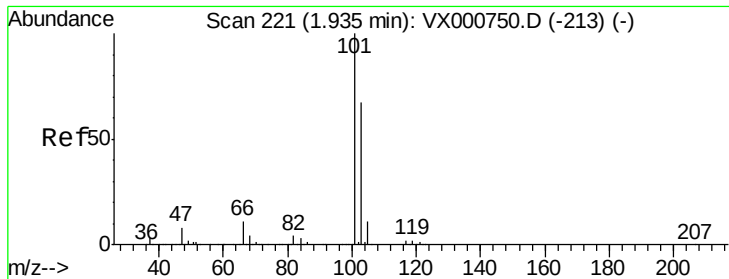
66 29.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

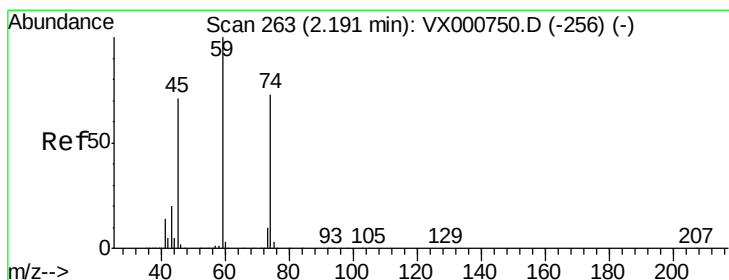
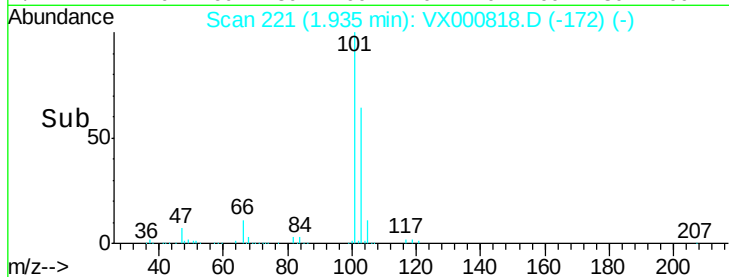
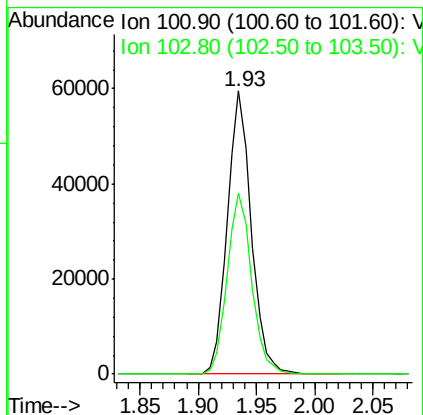
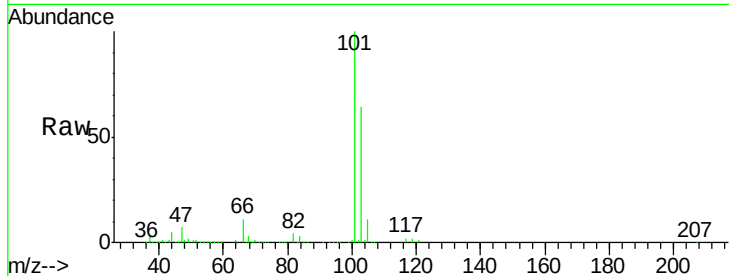
Trichlorofluoromethane
 Concen: 20.13 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

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 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.2	79.8

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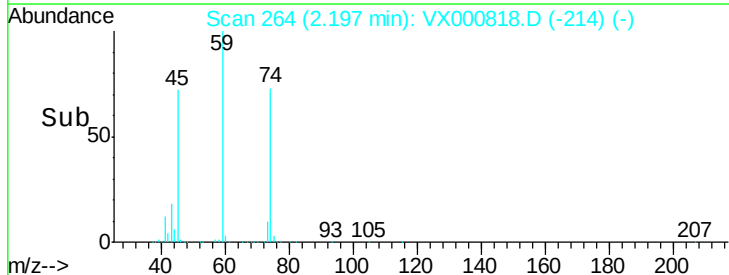
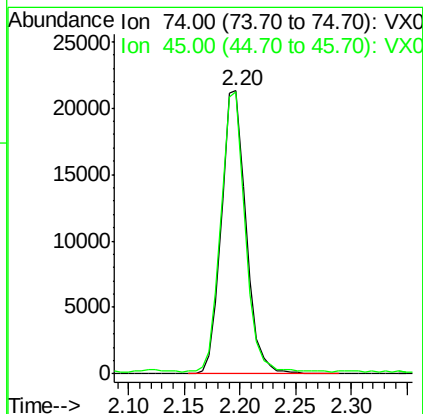
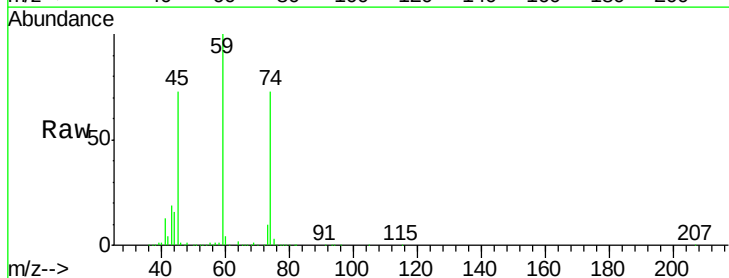
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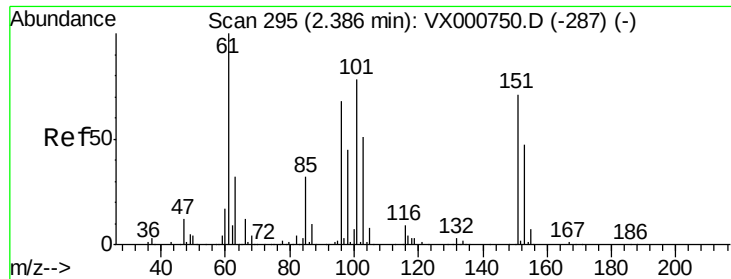


#8

Diethyl Ether
 Concen: 20.67 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.02 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

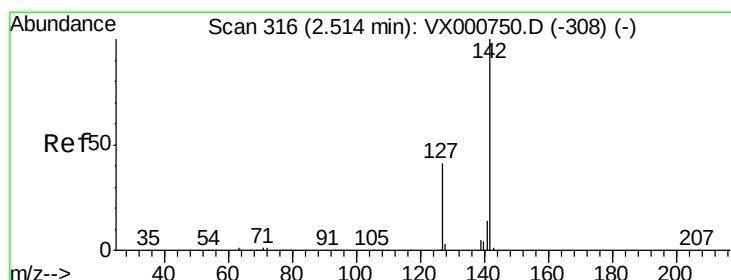
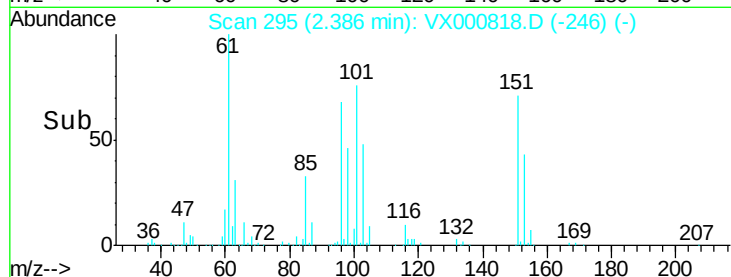
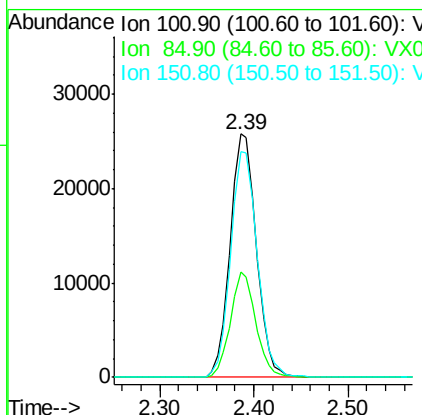
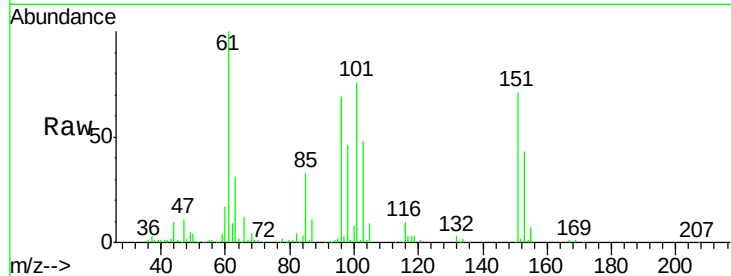
ClientSampleId :

VX0412WBS02

Tot Ion:	101	Resp:	49950
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.0	51.0
151	94.5	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 16.11 ug/l

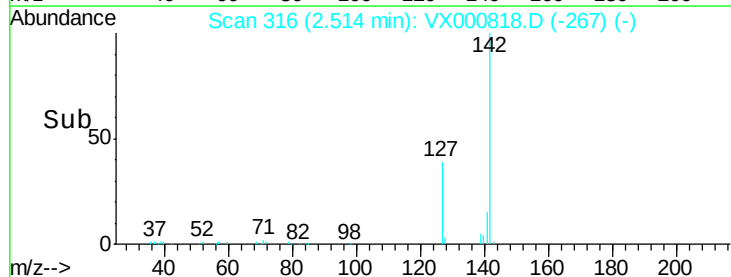
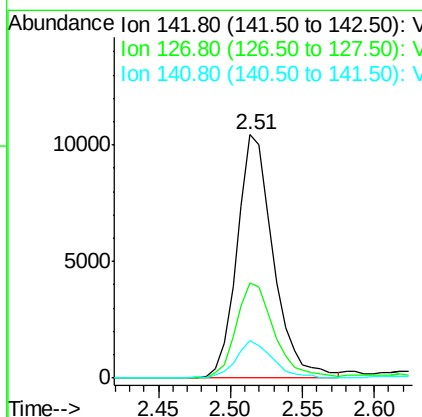
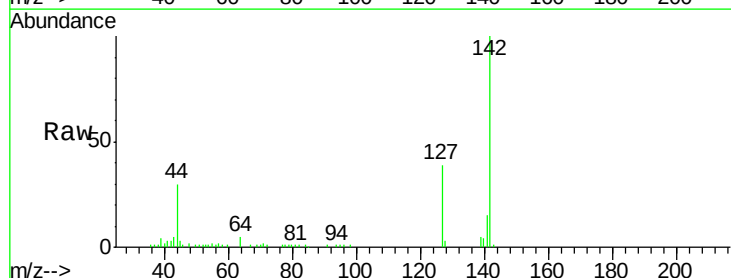
RT: 2.51 min Scan# 316

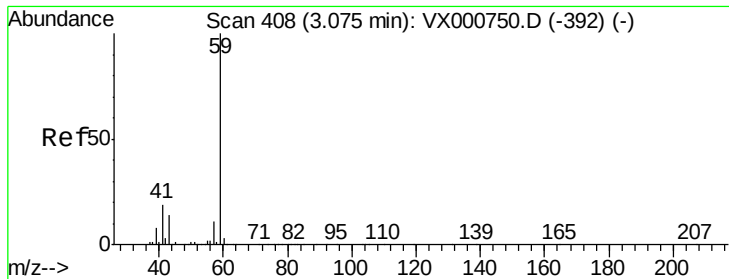
Delta R.T. 0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	142	Resp:	18317
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.6	49.0
141	15.4	11.5	17.3





#11

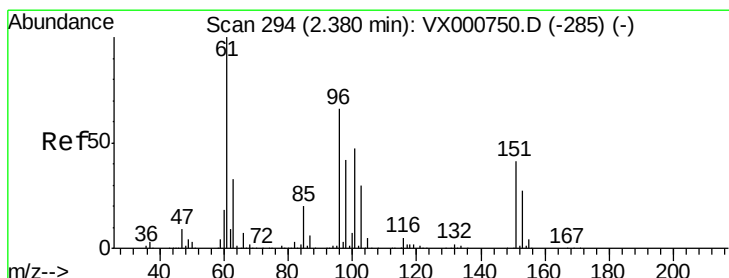
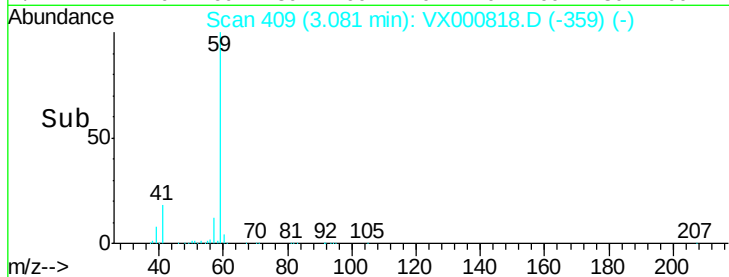
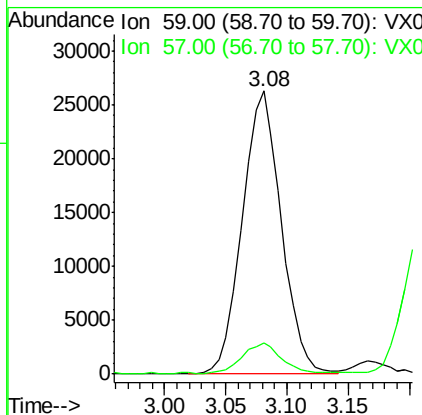
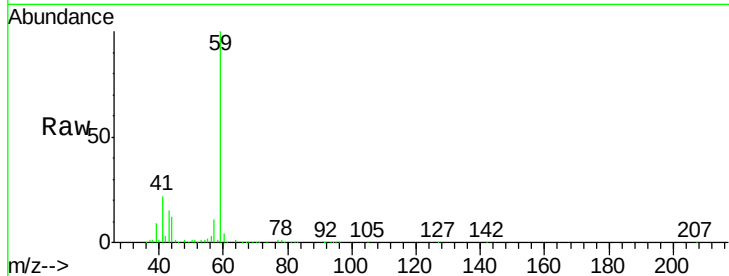
Tert butyl alcohol
 Concen: 101.11 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

Manual Integrations
 APPROVED

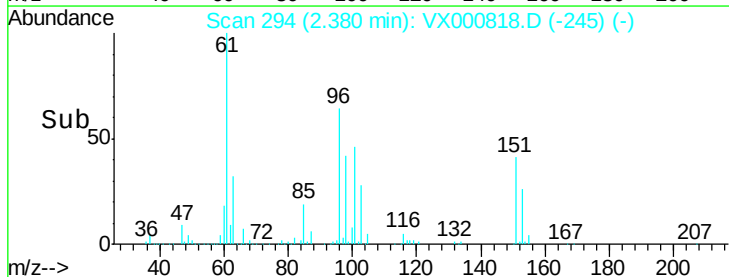
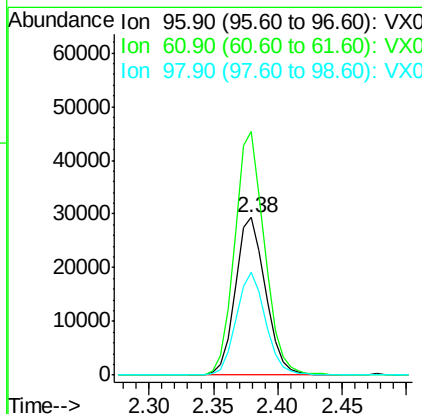
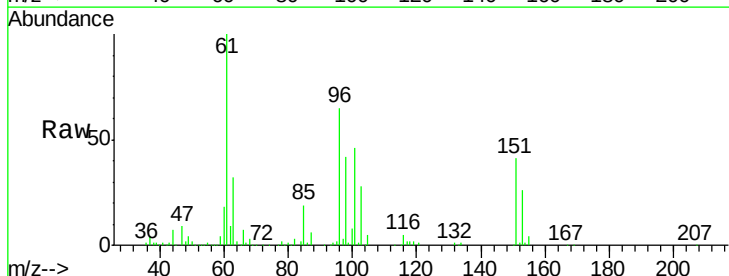
apatel
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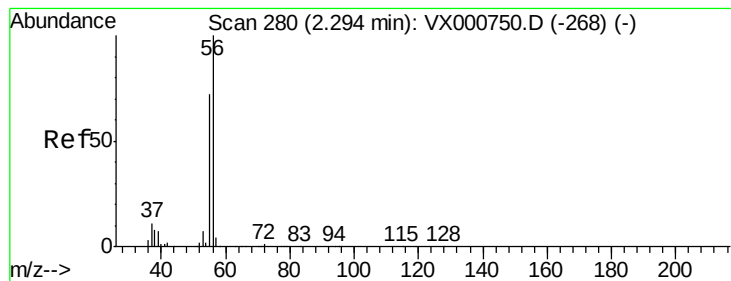


#12

1,1-Dichloroethene
 Concen: 20.25 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	120.5	180.7
98	65.5	50.9	76.3





#13

Acrolein

Concen: 61.49 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 56 Resp: 17223

Ion Ratio Lower Upper

56 100

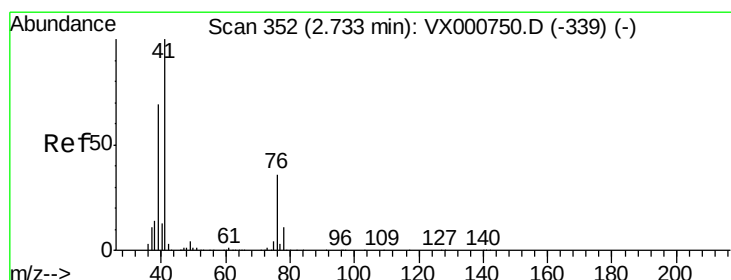
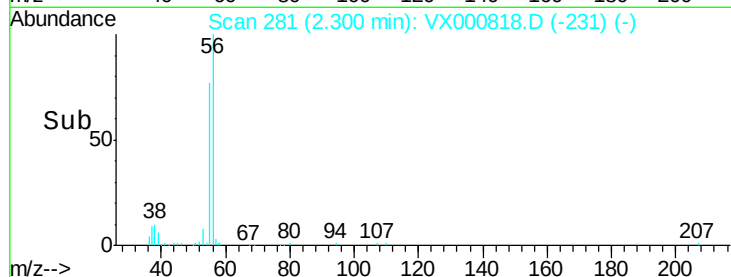
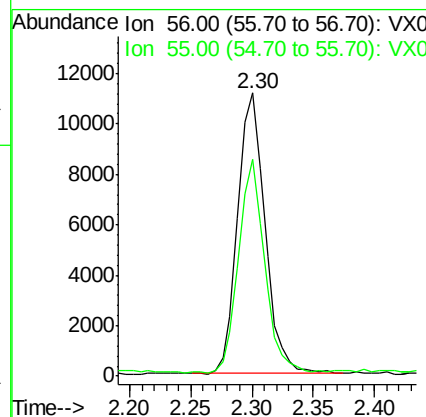
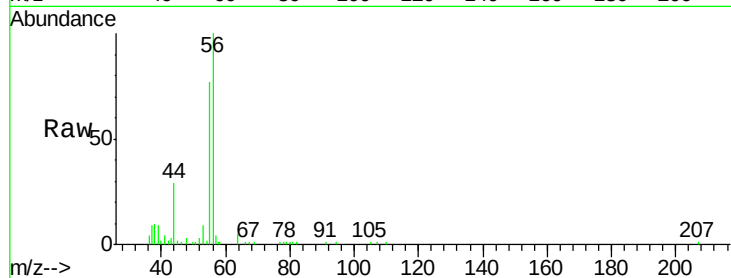
55 73.0 58.7 88.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

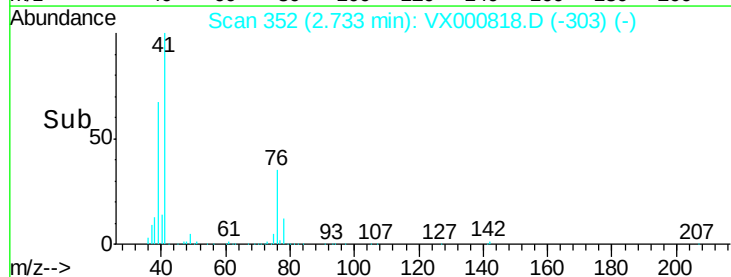
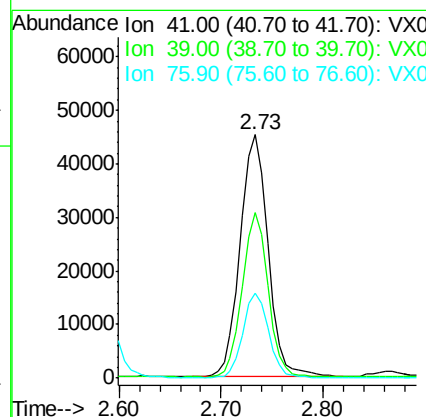
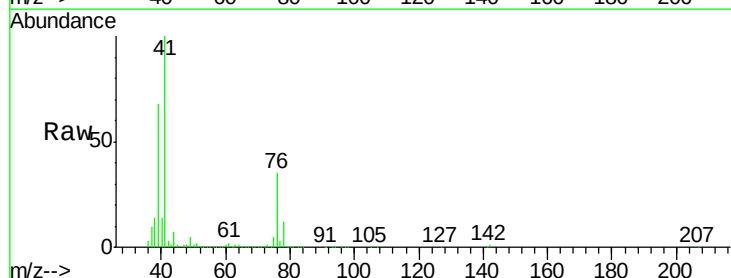
Tgt Ion: 41 Resp: 86307

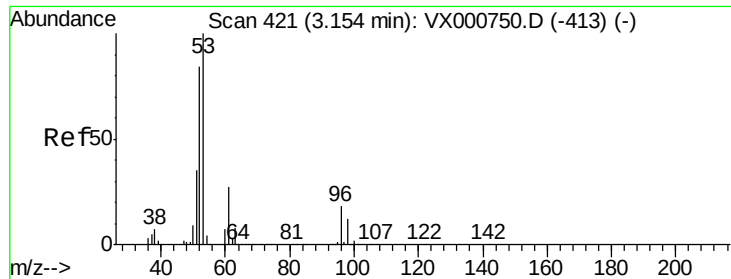
Ion Ratio Lower Upper

41 100

39 62.6 51.5 77.3

76 32.4 26.5 39.7





#15

Acrylonitrile

Concen: 108.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

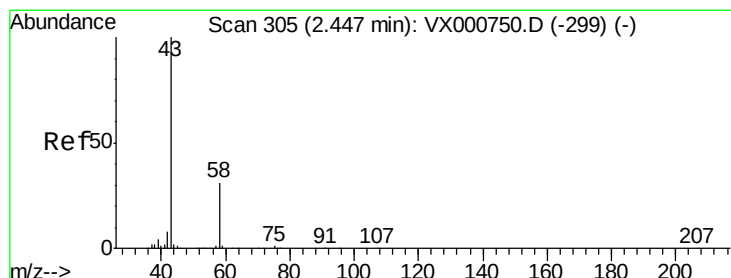
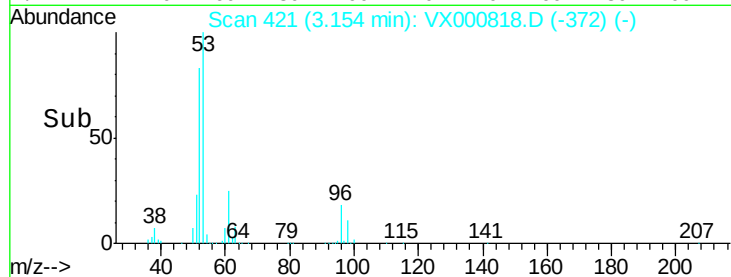
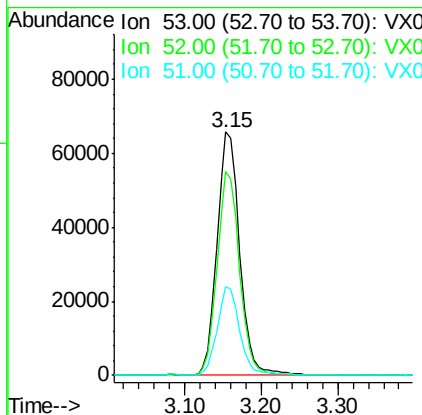
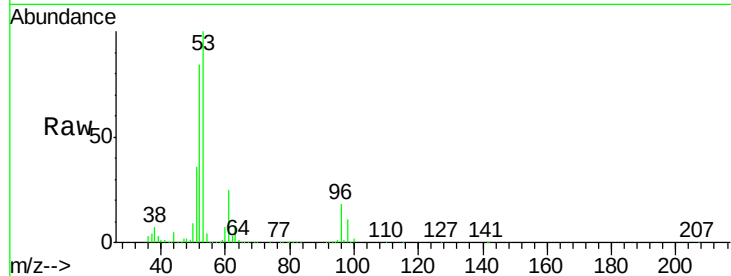
ClientSampleId :

VX0412WBS02

Tot Ion:	53	Resp:	133866
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.5	99.7
51	36.3	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 96.92 ug/l

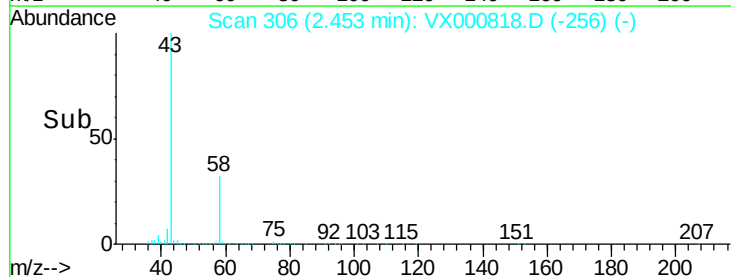
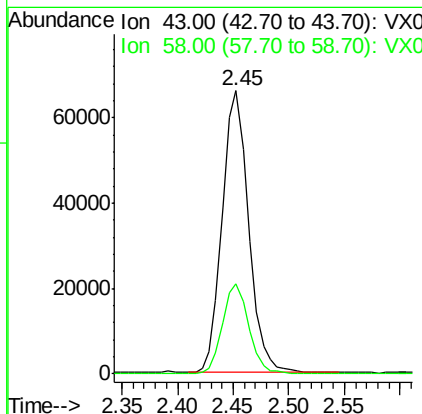
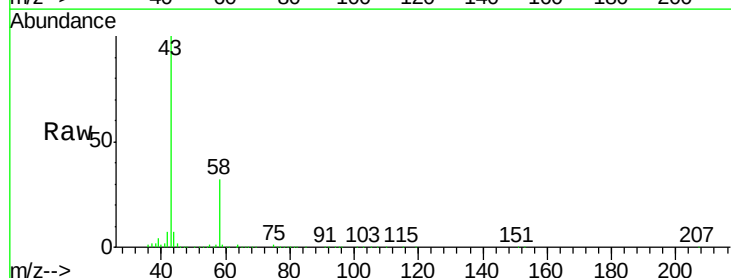
RT: 2.45 min Scan# 306

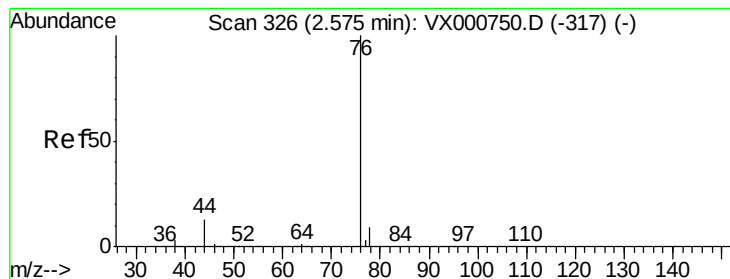
Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	43	Resp:	108576
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.6	37.0





#17

Carbon Disulfide

Concen: 17.93 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 76 Resp: 128394

Ion Ratio Lower Upper

76 100

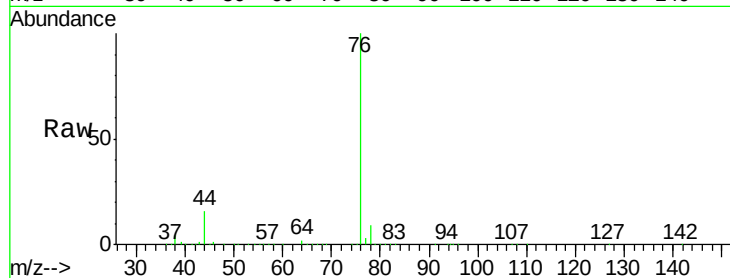
78 8.7 7.4 11.2

Manual Integrations

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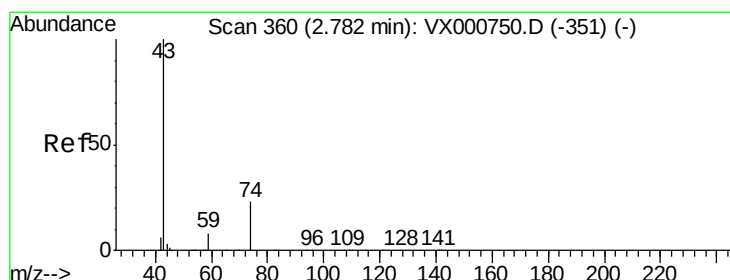
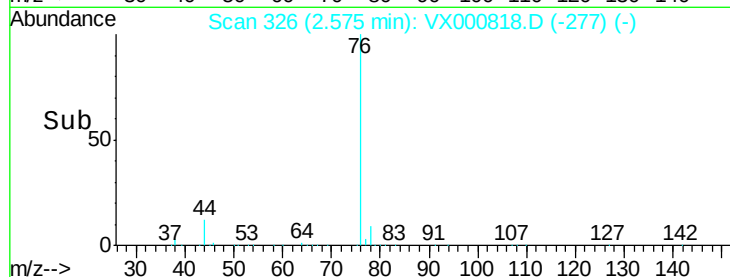
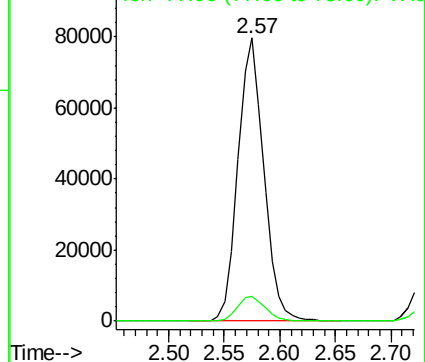
apatel

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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: 22.82 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000818.D

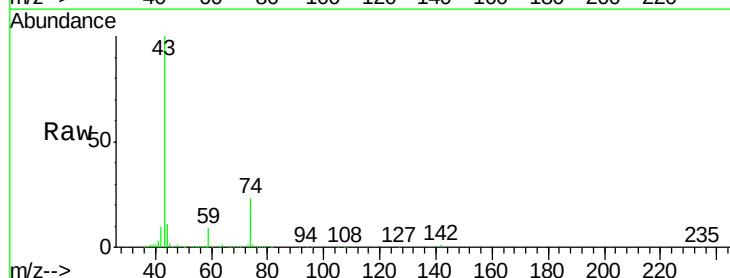
Acq: 12 Apr 2018 22:55

Tgt Ion: 43 Resp: 66144

Ion Ratio Lower Upper

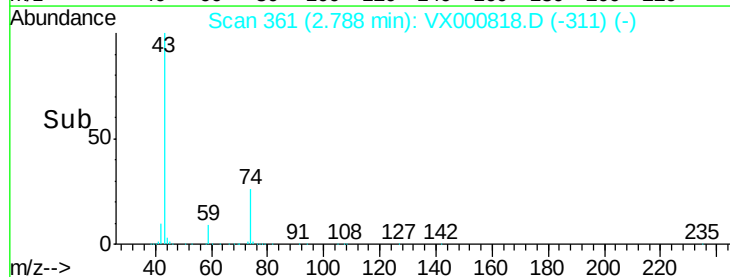
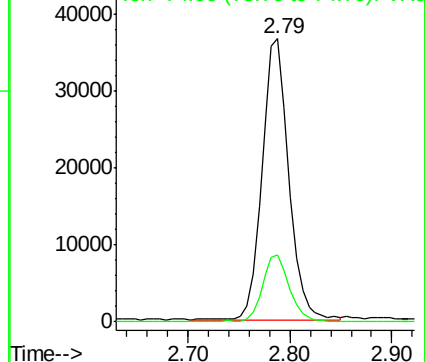
43 100

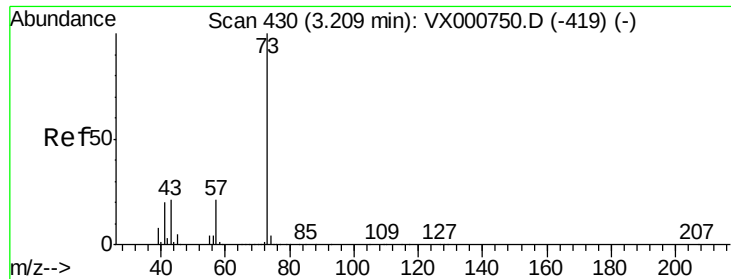
74 24.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





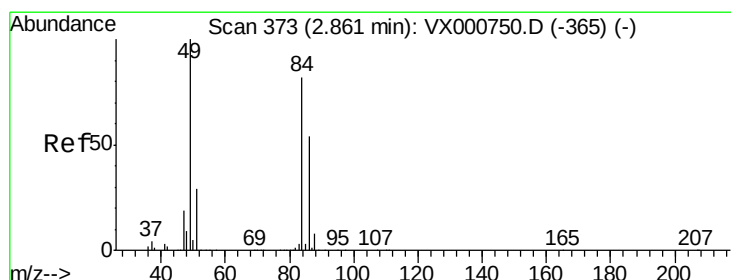
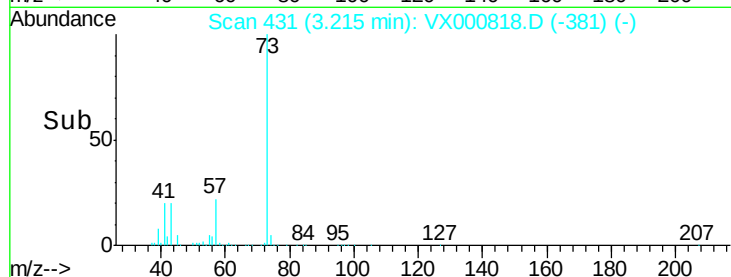
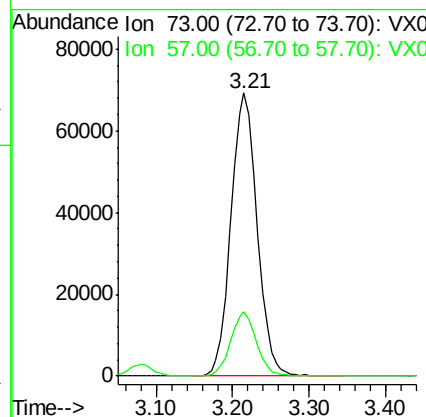
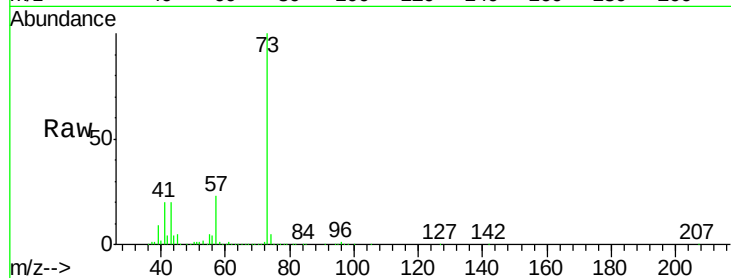
#19
Methyl tert-butyl Ether
Concen: 20.79 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.9	25.3

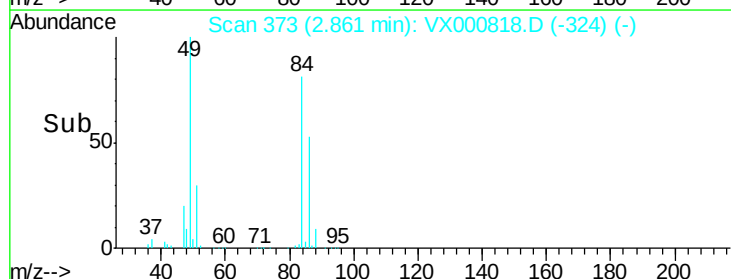
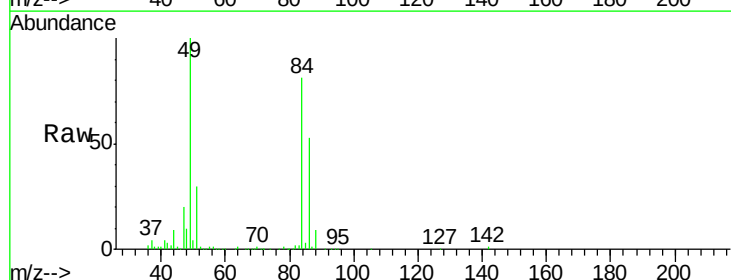
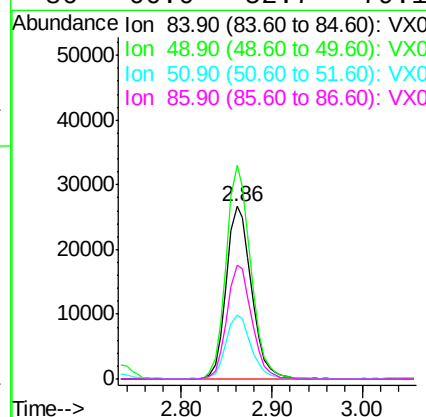
Manual Integrations
APPROVED

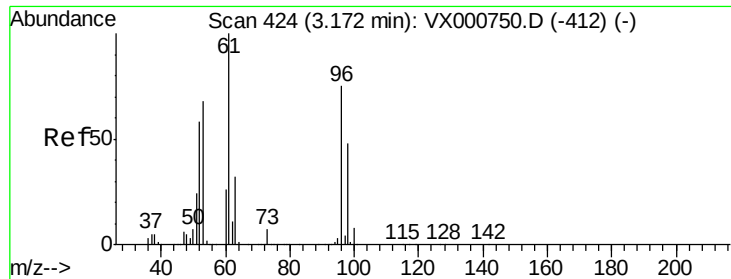
apatel
4/13/2018 2:58:15 PM



#20
Methylene Chloride
Concen: 19.91 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	98.1	147.1
51	36.9	28.9	43.3
86	66.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

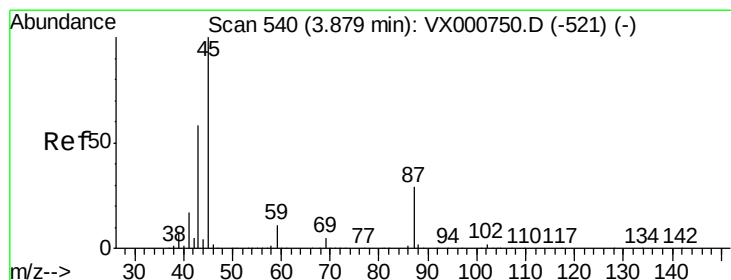
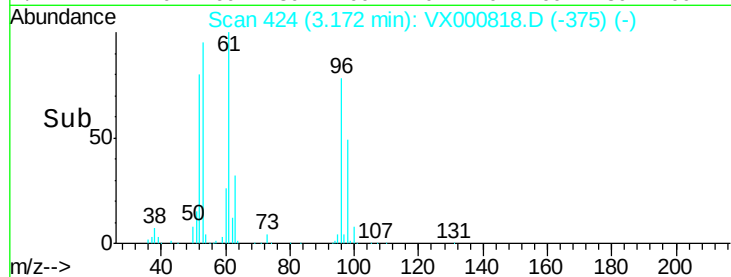
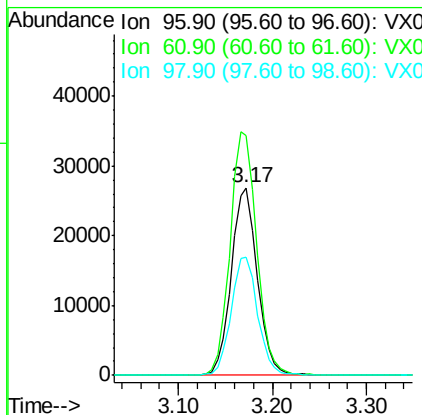
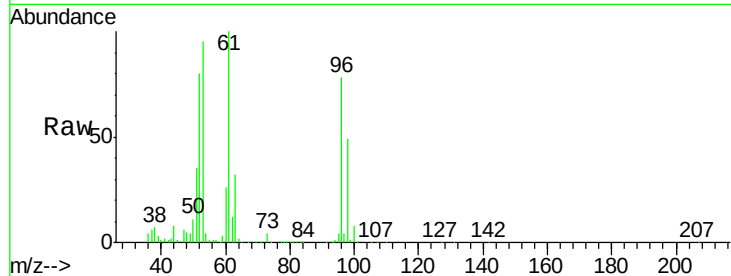
ClientSampleId :

VX0412WBS02

Tot Ion:	96	Resp:	51374
Ion	Ratio	Lower	Upper
96	100		
61	128.1	106.2	159.2
98	62.8	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.53 ug/l

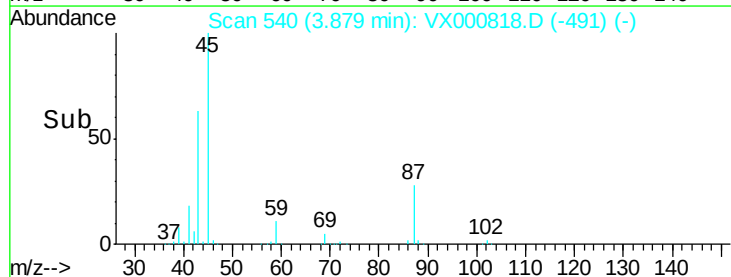
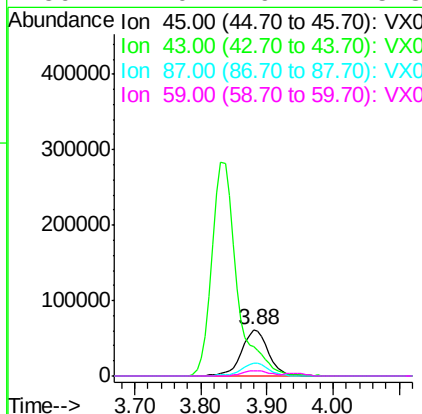
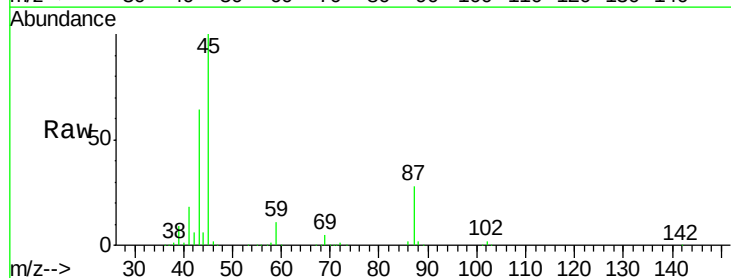
RT: 3.88 min Scan# 540

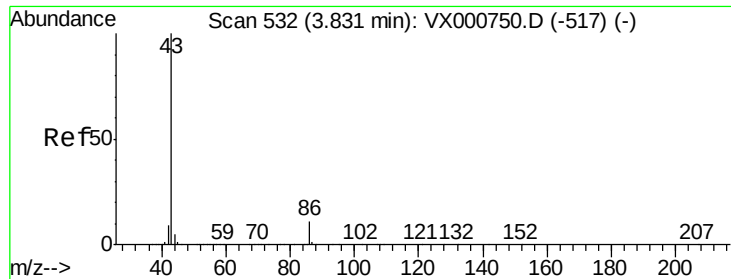
Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	45	Resp:	172997
Ion	Ratio	Lower	Upper
45	100		
43	62.7	46.6	69.8
87	27.9	22.9	34.3
59	11.0	9.2	13.8





#23

Vinyl Acetate

Concen: 106.04 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 43 Resp: 748159

Ion Ratio Lower Upper

43 100

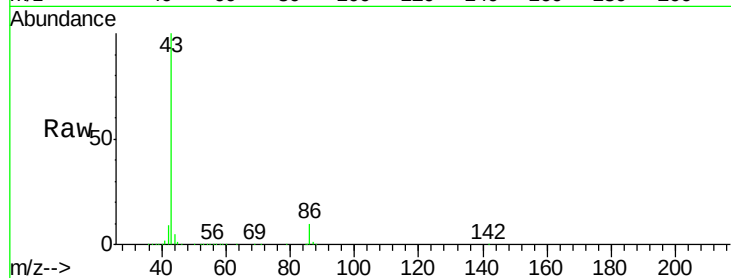
86 9.9 8.6 12.8

Manual Integrations

APPROVED

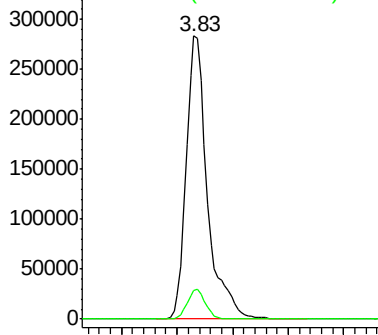
apatel

4/13/2018 2:58:15 PM

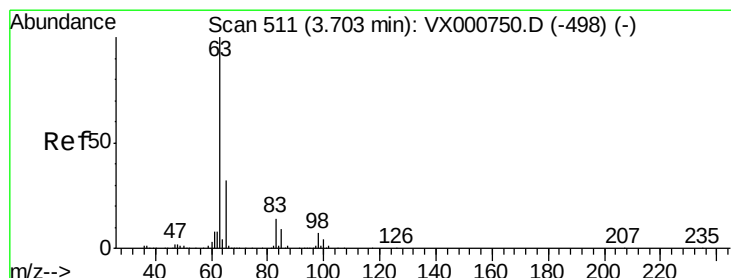
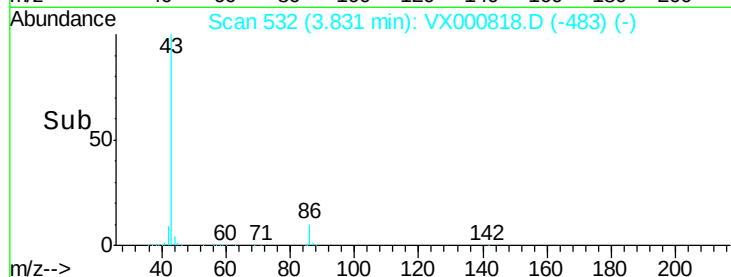


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 21.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

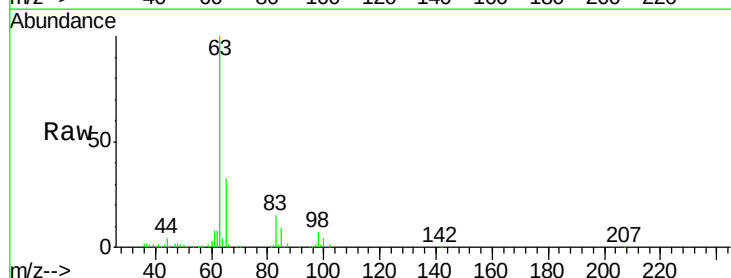
Tgt Ion: 63 Resp: 96347

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

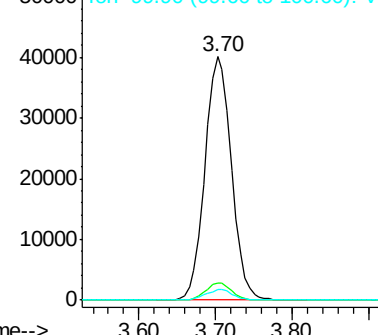
100 4.3 2.1 6.3



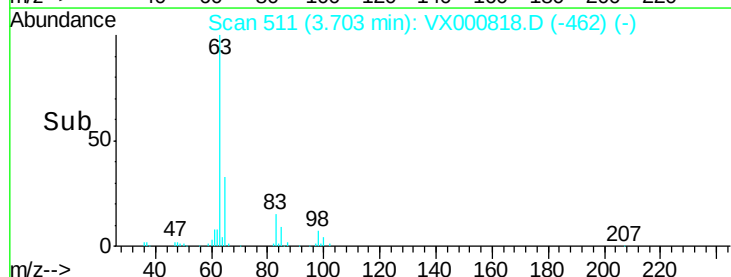
Abundance Ion 62.90 (62.60 to 63.60): VX0

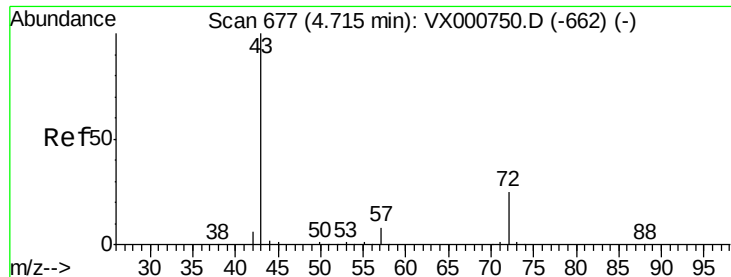
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 105.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 43 Resp: 195112

Ion Ratio Lower Upper

43 100

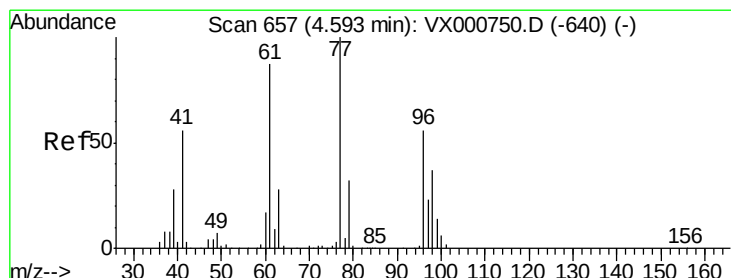
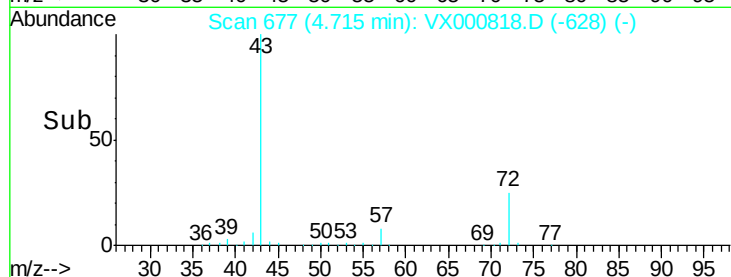
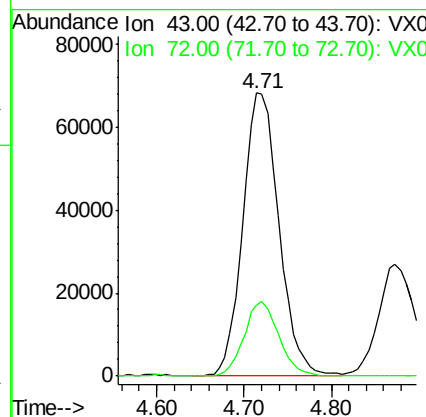
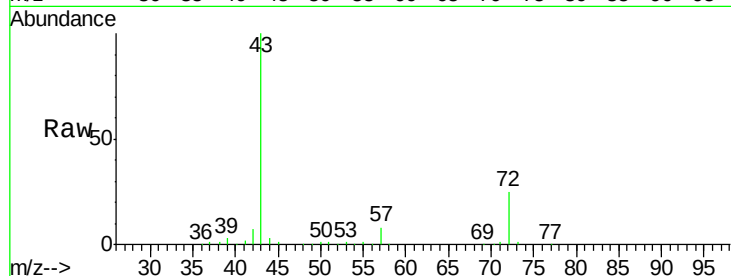
72 24.9 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.91 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000818.D

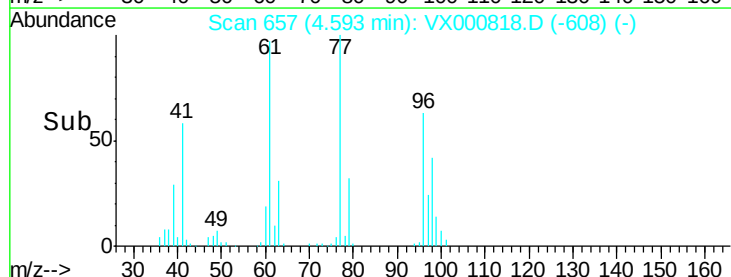
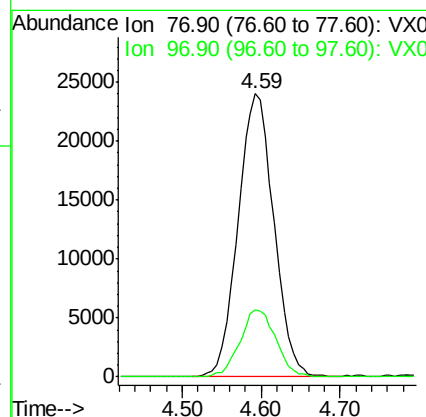
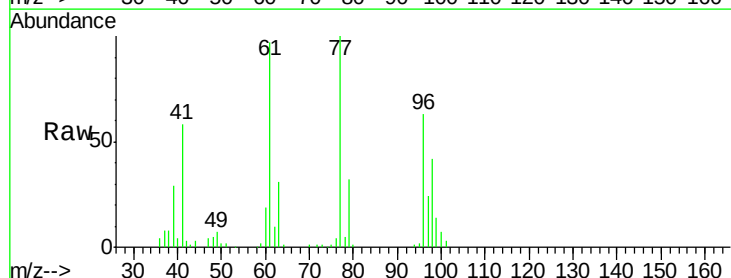
Acq: 12 Apr 2018 22:55

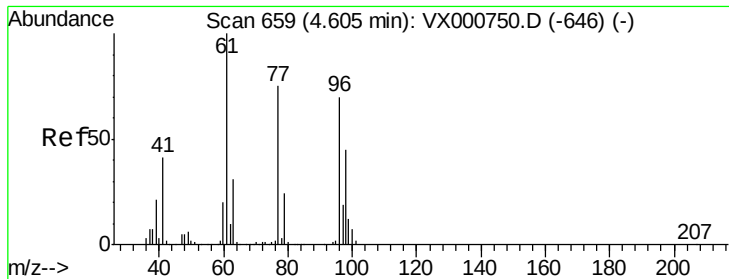
Tgt Ion: 77 Resp: 75664

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4





#27

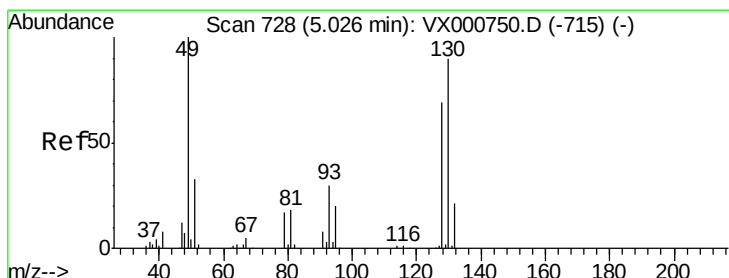
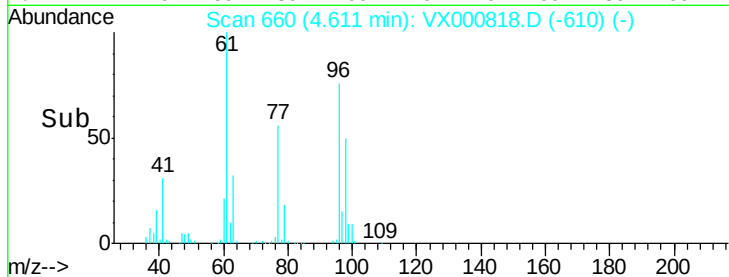
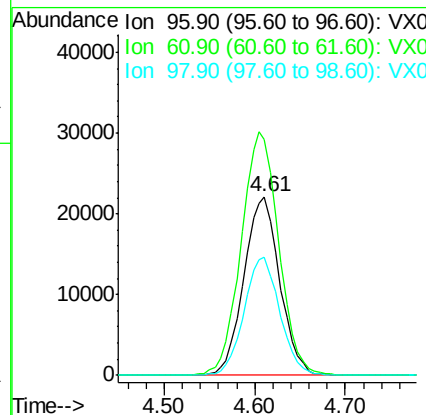
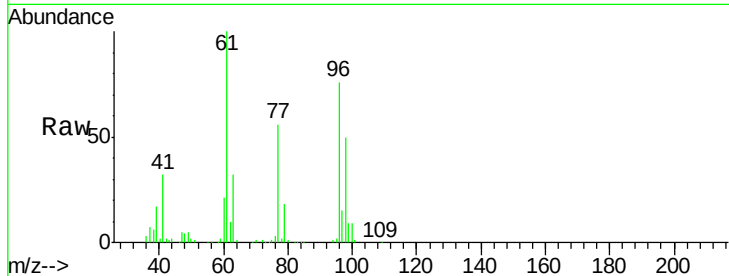
cis-1,2-Dichloroethene
 Concen: 20.41 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60399		
61	142.9		0.0	292.4
98	66.0		0.0	130.2

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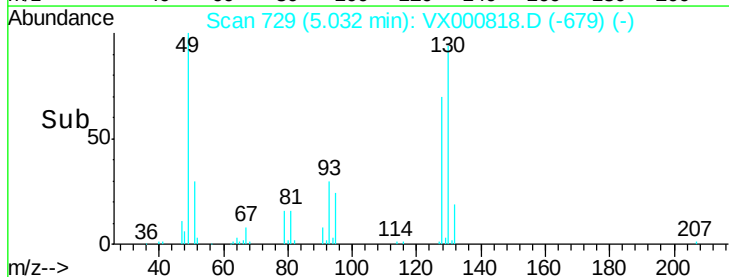
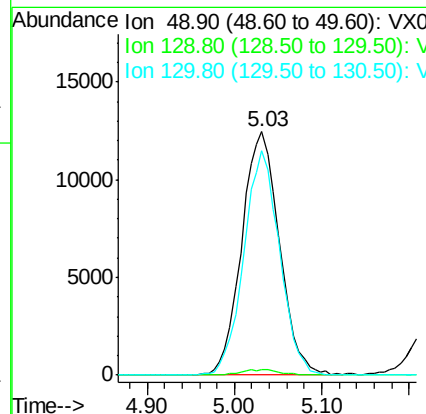
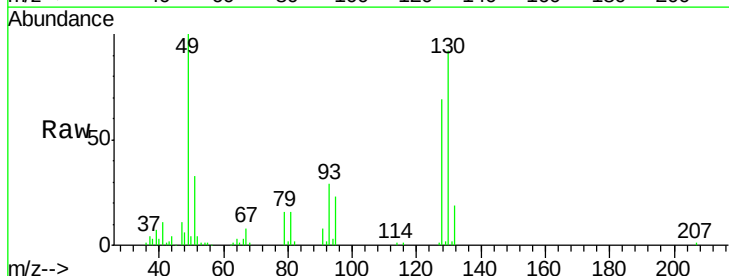
apatel
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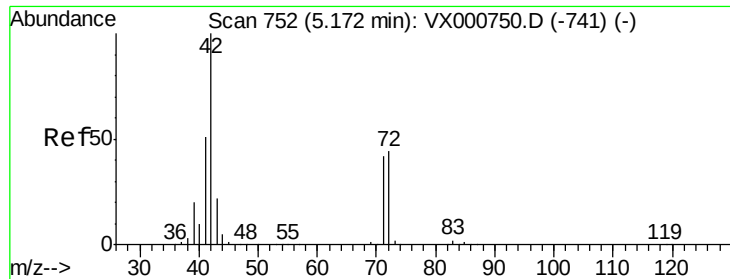


#28

Bromochloromethane
 Concen: 20.55 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	37305		
129	2.3		0.0	5.2
130	87.4		72.6	109.0





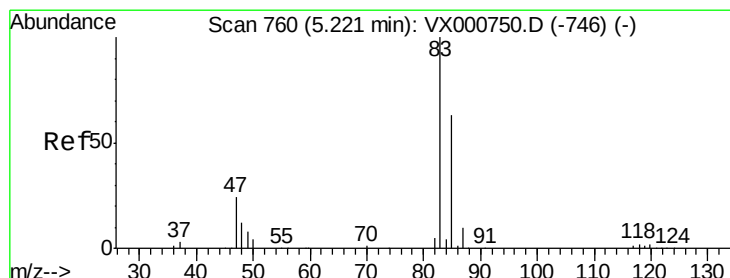
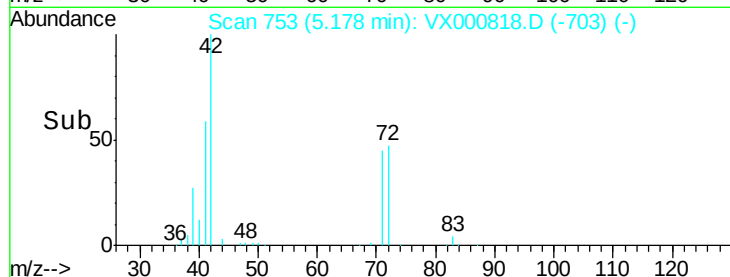
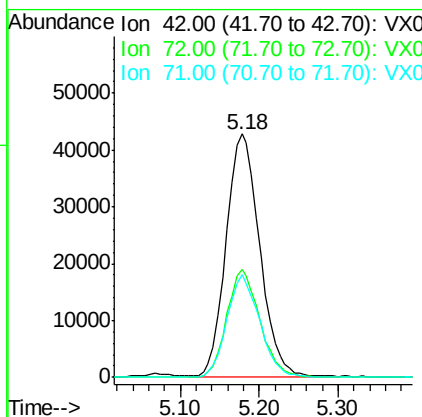
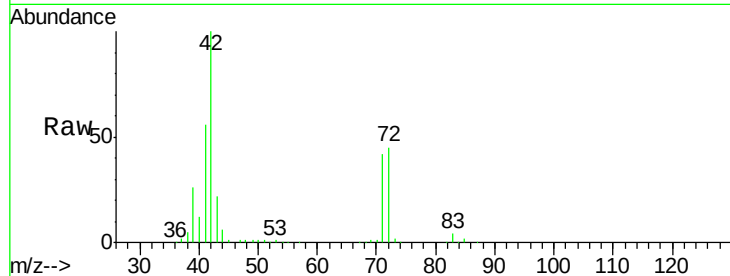
#29
Tetrahydrofuran
Concen: 107.12 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.5	32.8	49.2

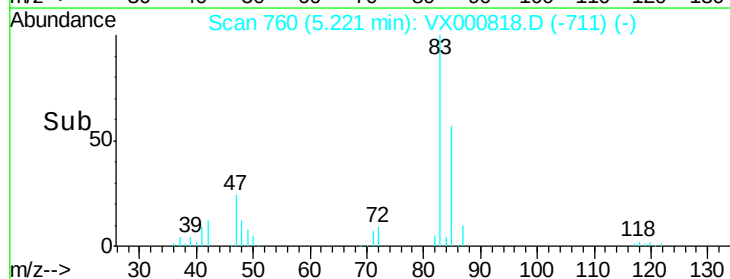
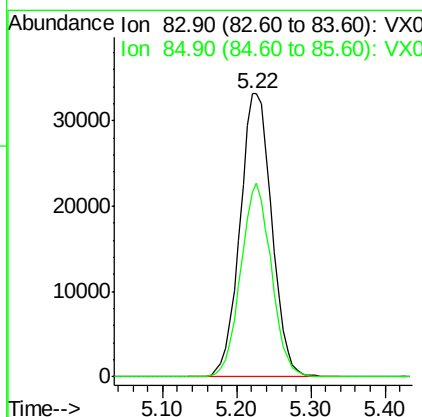
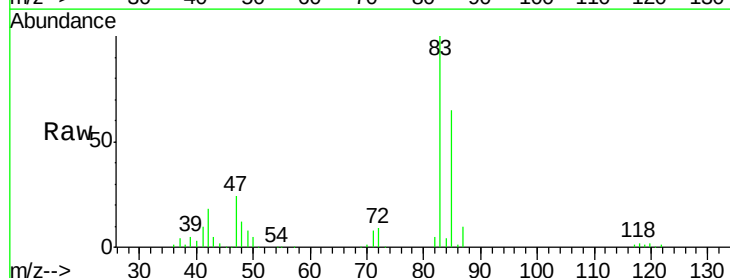
Manual Integrations
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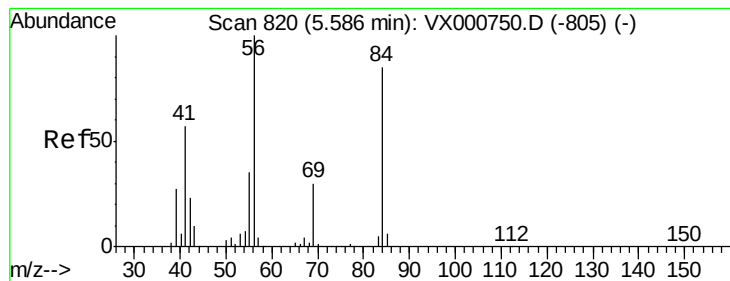
apatel
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#30
Chloroform
Concen: 20.85 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





#31

Cyclohexane

Concen: 19.56 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

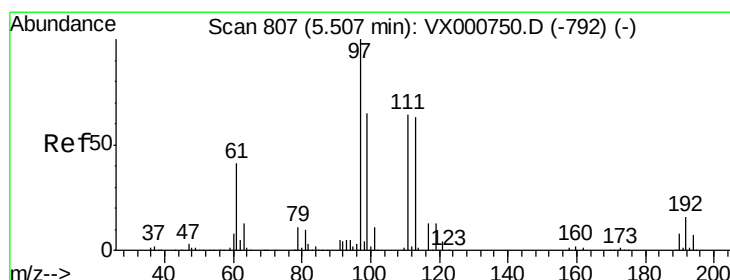
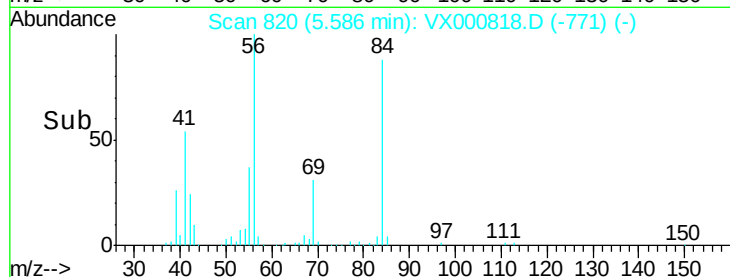
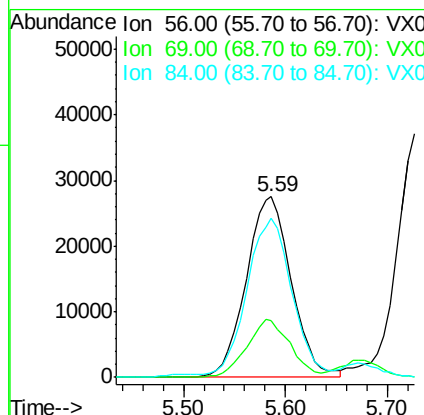
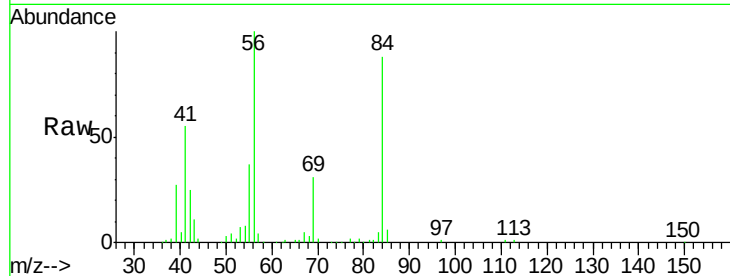
ClientSampleId :

VX0412WBS02

Tot Ion:	56	Resp:	83750
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.4
84	86.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.20 ug/l

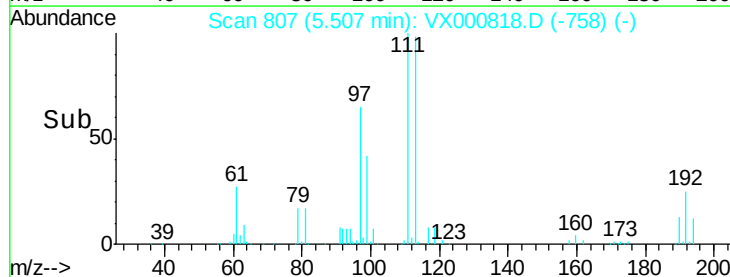
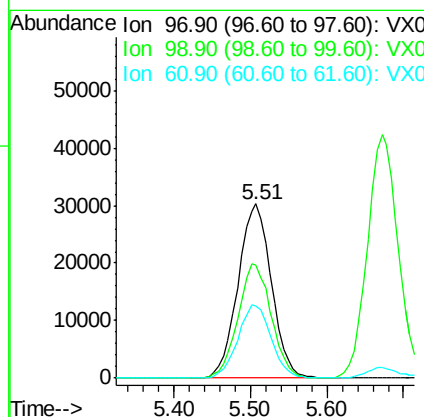
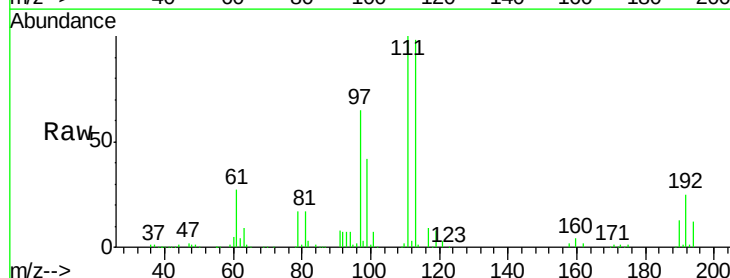
RT: 5.51 min Scan# 807

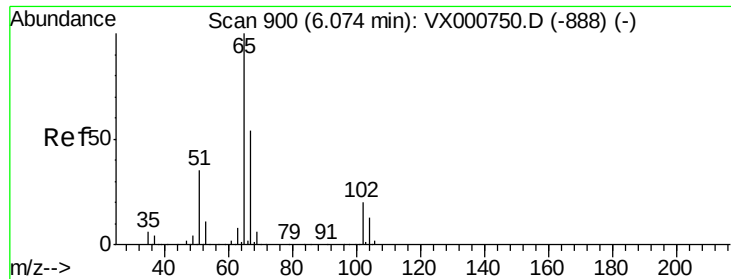
Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	97	Resp:	91883
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	42.1	33.7	50.5





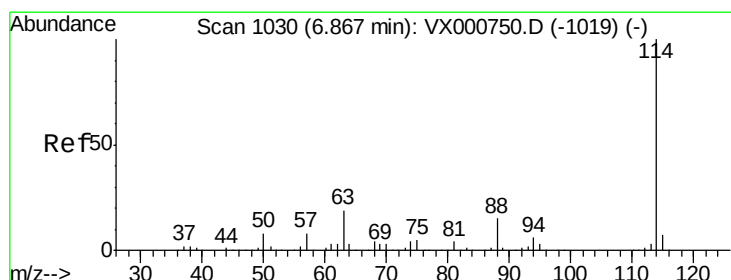
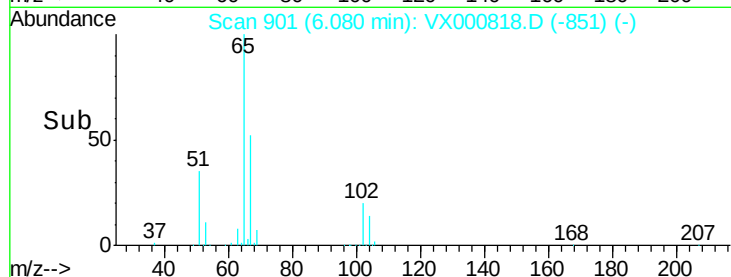
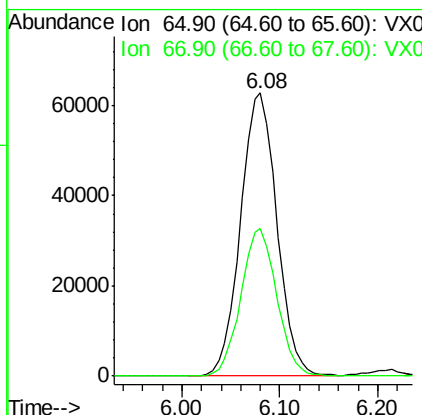
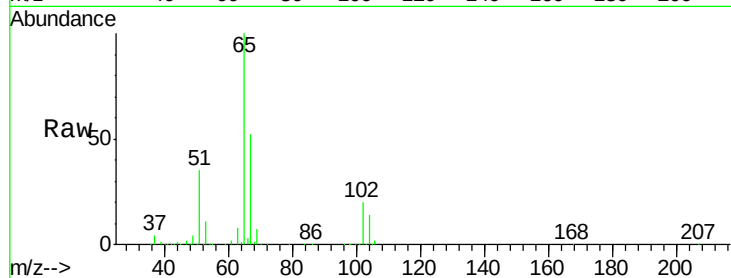
#33
 1,2-Dichloroethane-d4
 Concen: 49.99 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162398		
67	51.5	0.0	103.8	

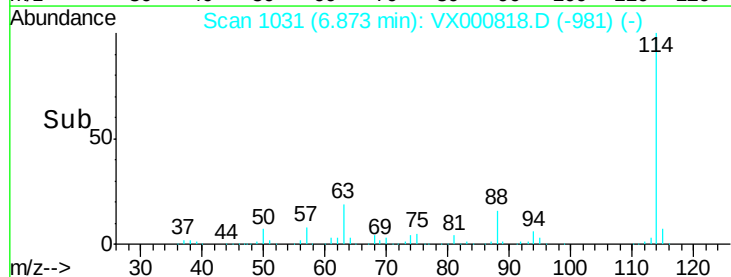
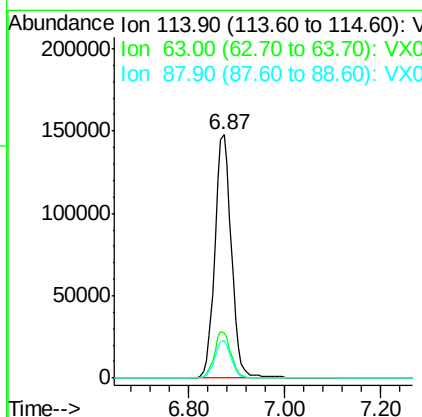
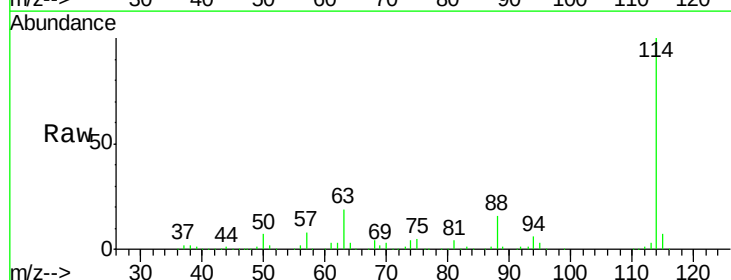
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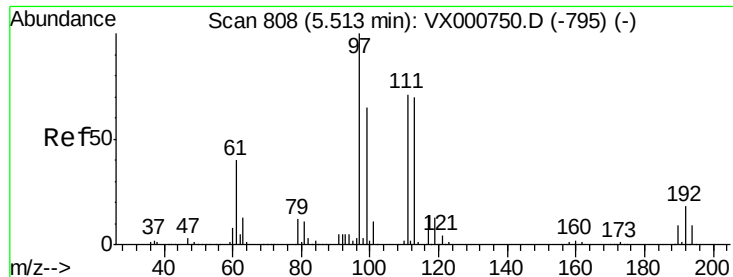
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	354107		
63	18.8	0.0	38.4	
88	15.6	0.0	31.0	





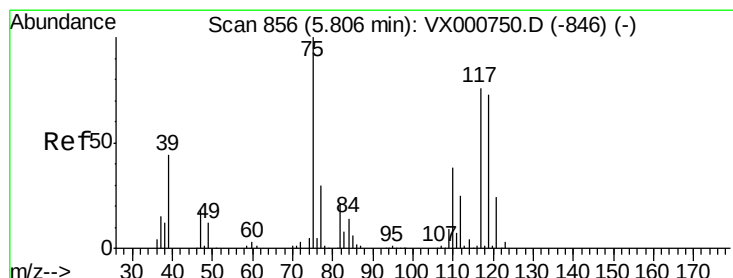
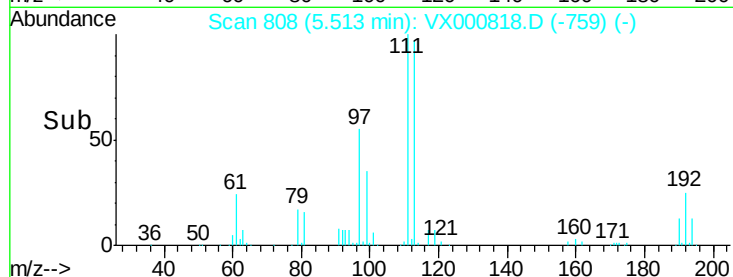
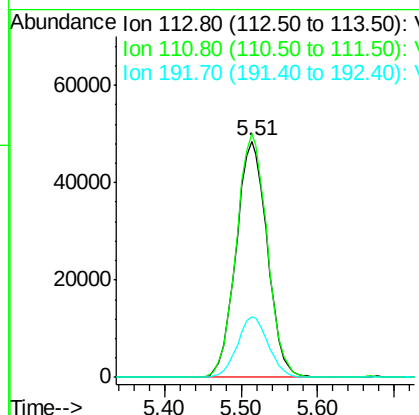
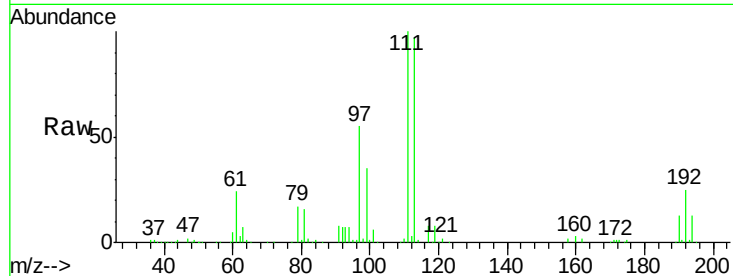
#35
 Dibromofluoromethane
 Concen: 50.04 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.5	122.3	
192	25.5	20.4	30.6	

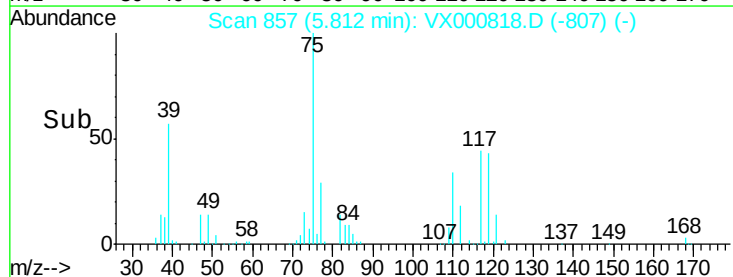
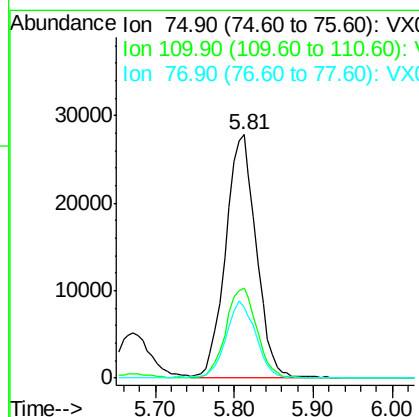
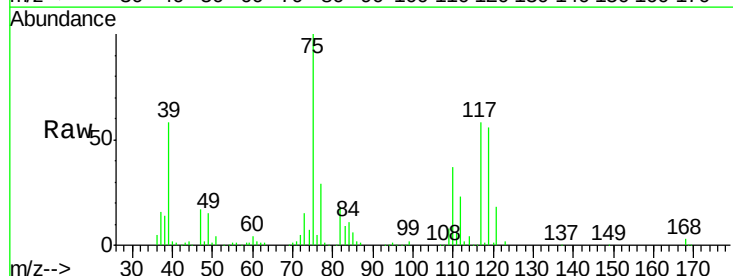
Manual Integrations
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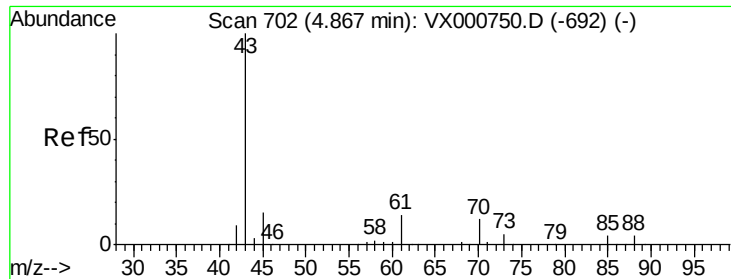
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#36
 1,1-Dichloropropene
 Concen: 19.14 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.8	19.2	57.6	
77	30.2	25.4	38.2	





#37

Ethyl Acetate

Concen: 20.54 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

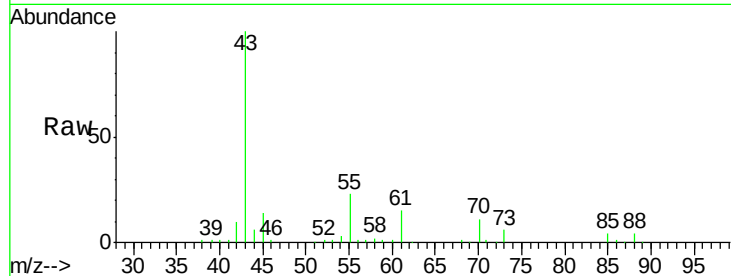
ClientSampleId :

VX0412WBS02

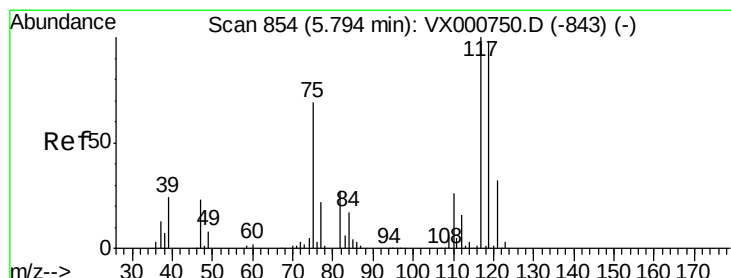
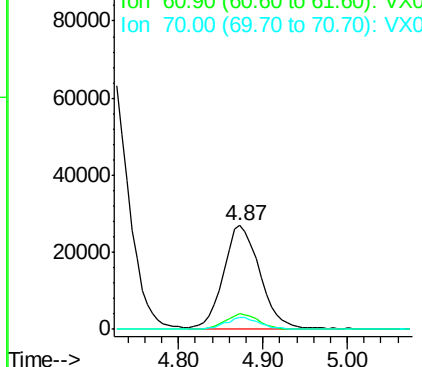
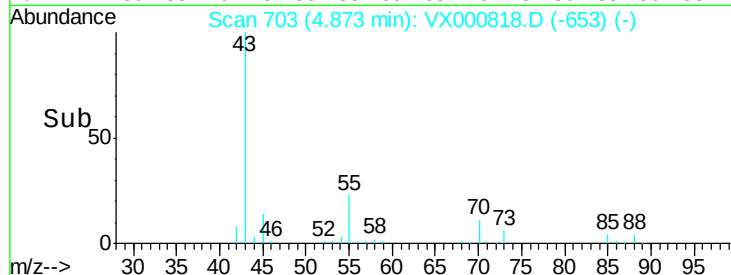
Tot Ion:	43	Resp:	78200
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	11.1	8.7	13.1

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX000818.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 18.93 ug/l

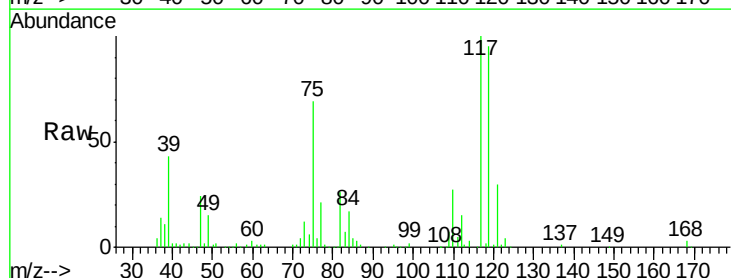
RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

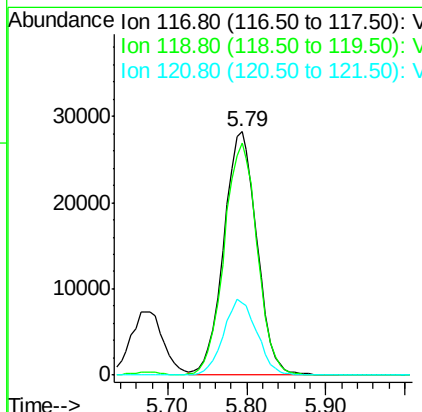
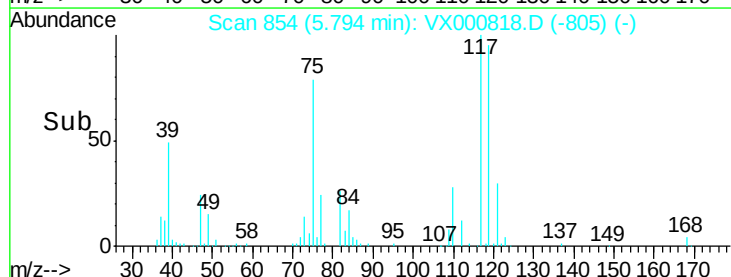
Lab File: VX000818.D

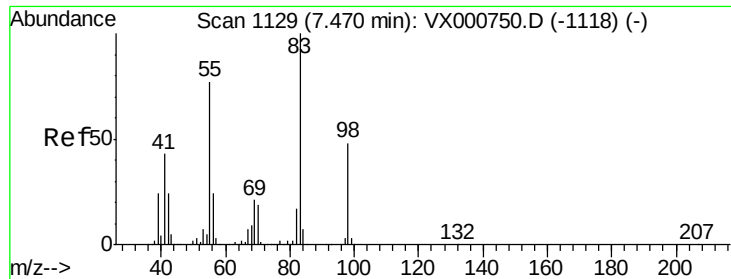
Acq: 12 Apr 2018 22:55

Tgt Ion:	117	Resp:	82645
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.4	117.6
121	29.6	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): VX000818.D (-805) (-)





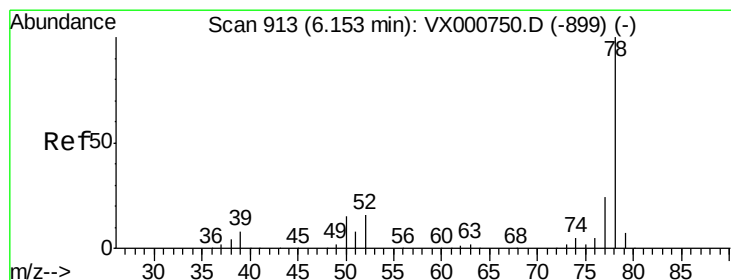
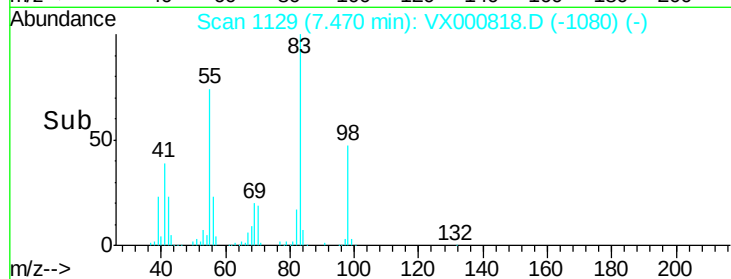
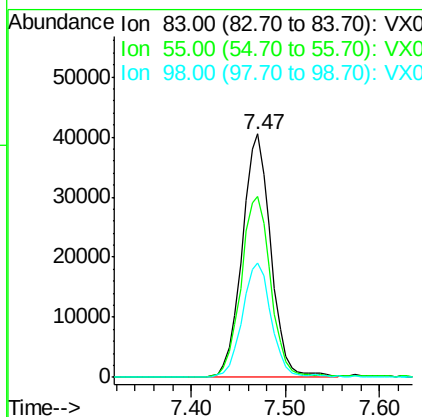
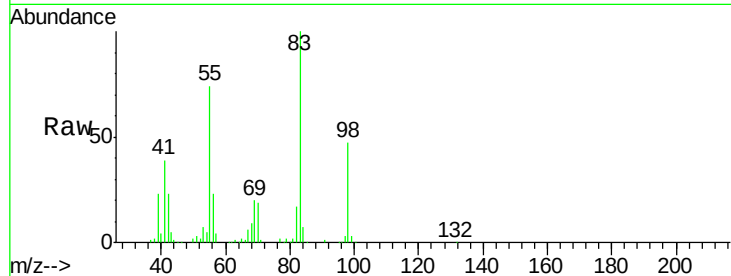
#39
Methylvlcyclohexane
Concen: 18.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.9		61.5	92.3
98	47.1		38.1	57.1

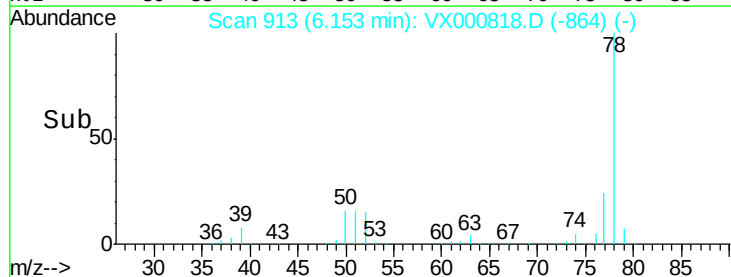
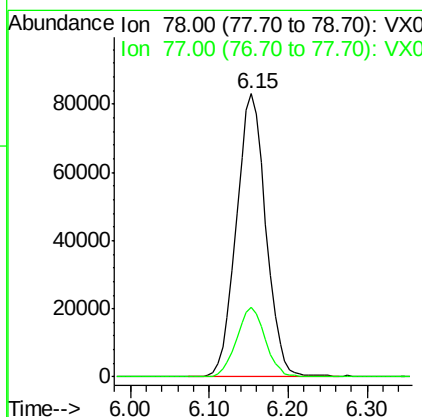
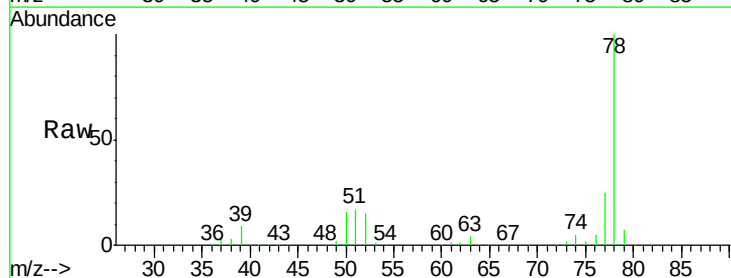
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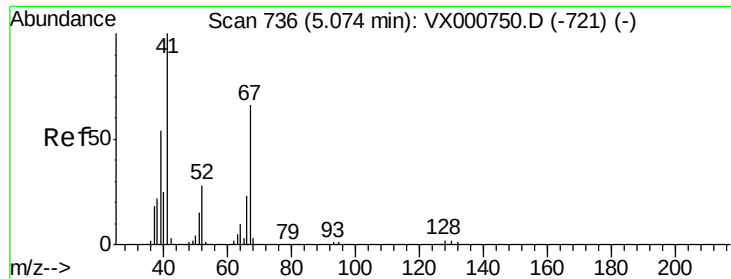
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#40
Benzene
Concen: 19.99 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.5		19.0	28.6





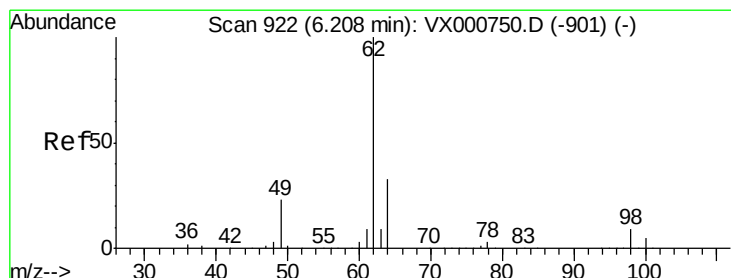
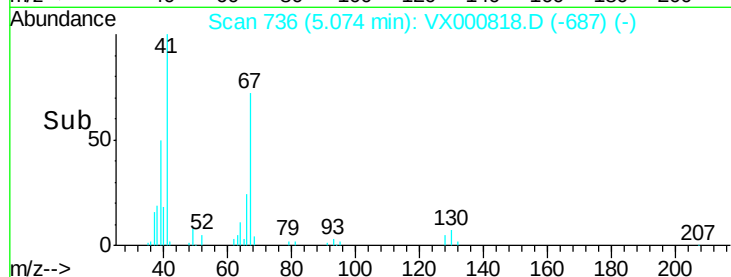
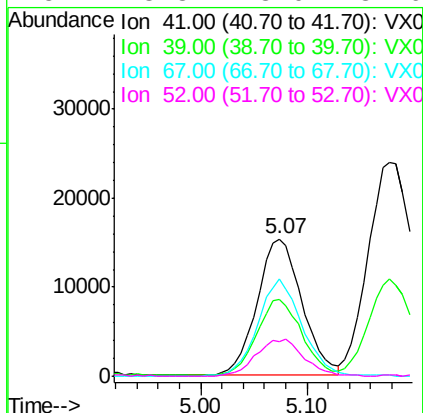
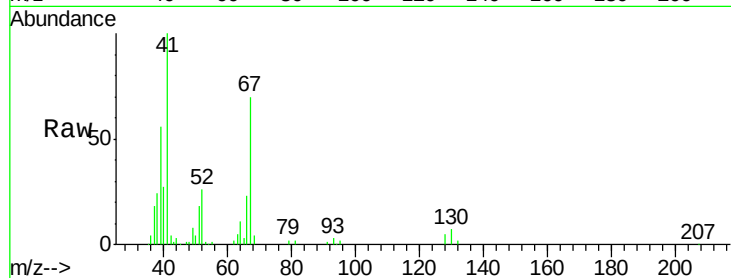
#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion:	41	Resp:	45247
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.9	67.3
67	70.0	54.7	82.1
52	28.8	23.0	34.6

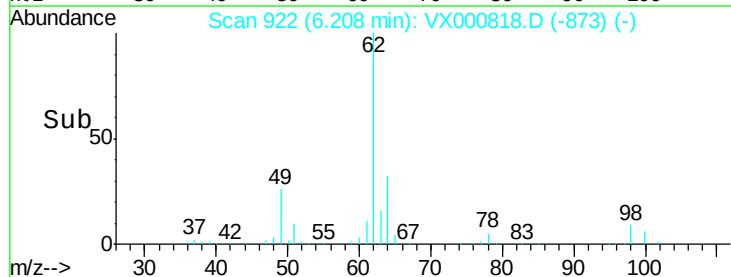
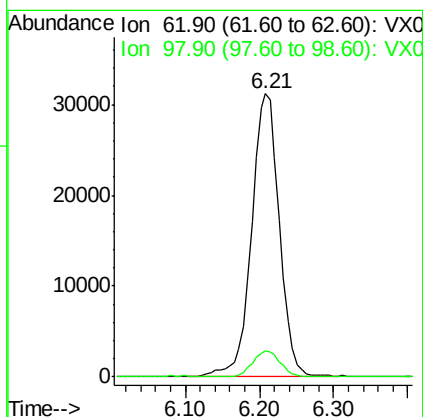
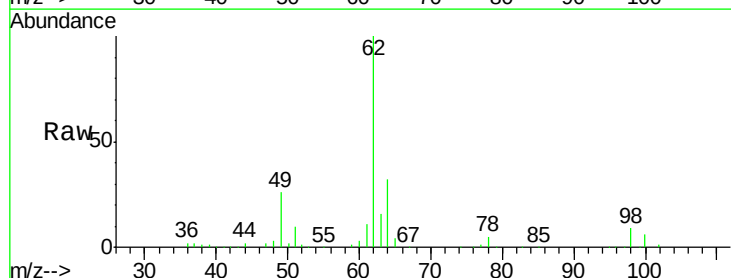
Manual Integrations
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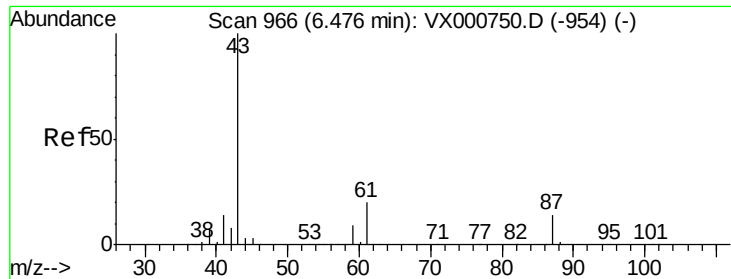
apatel
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#42
1,2-Dichloroethane
Concen: 20.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:	62	Resp:	81665
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6





#43

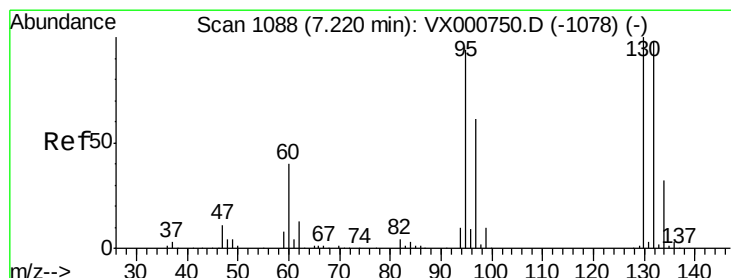
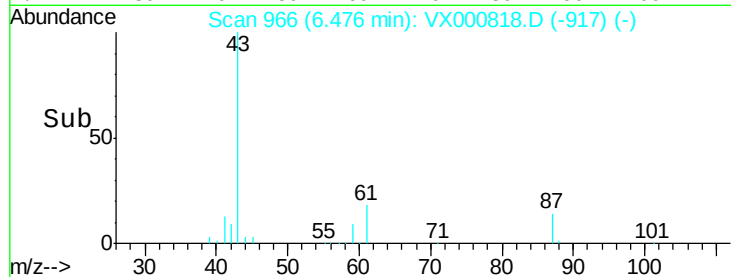
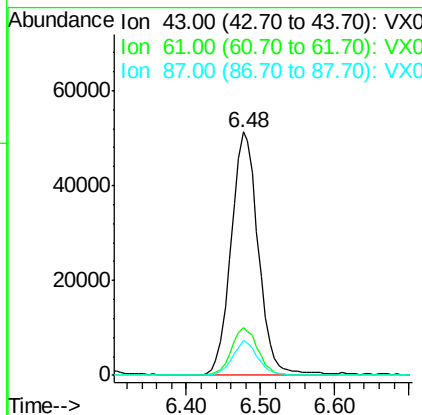
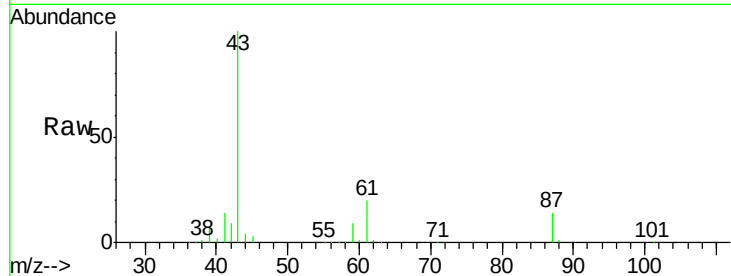
Isopropyl Acetate
 Concen: 20.01 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.6	23.4
87	13.3	10.7	16.1

Manual Integrations
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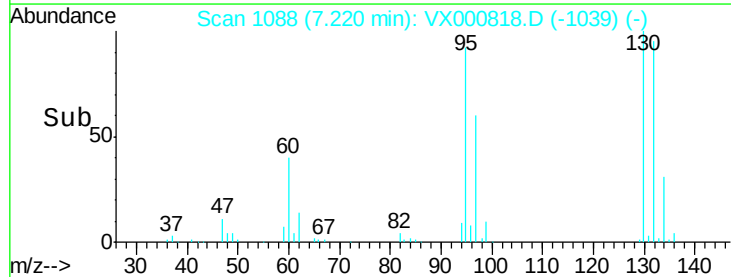
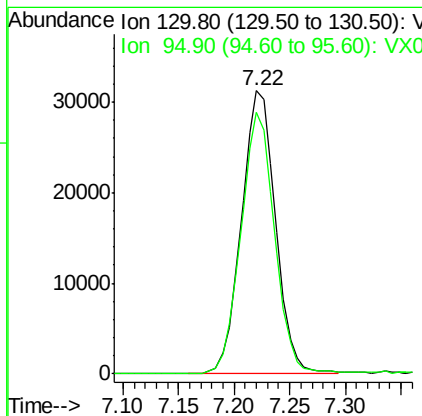
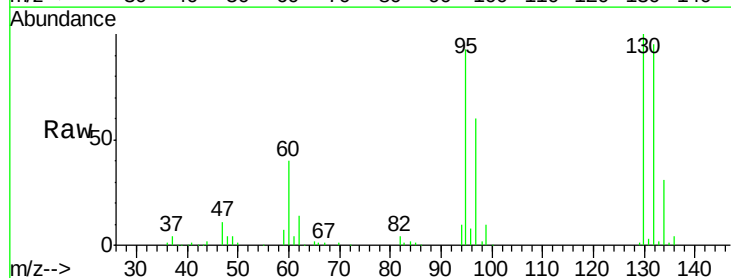
apatel
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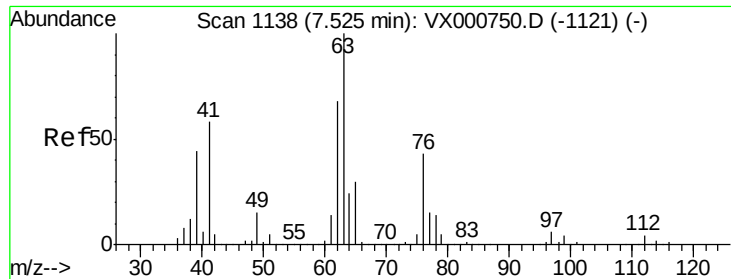


#44

Trichloroethene
 Concen: 19.75 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	187.0





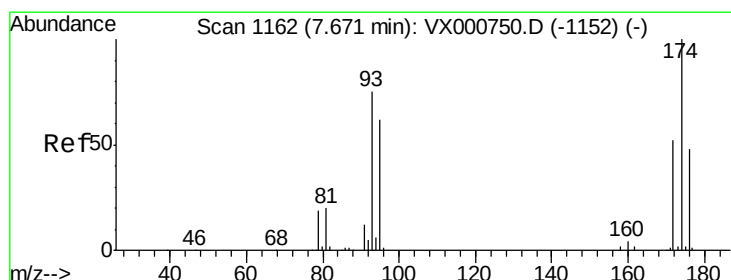
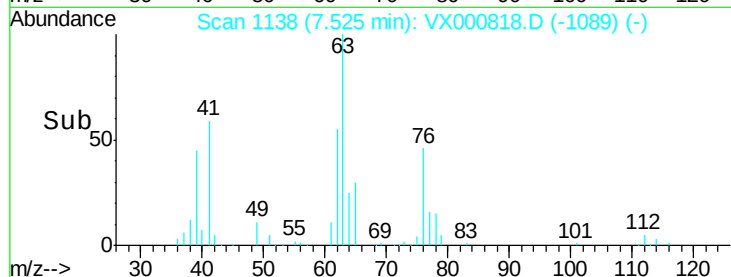
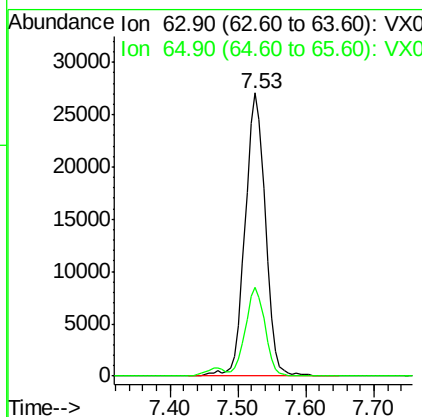
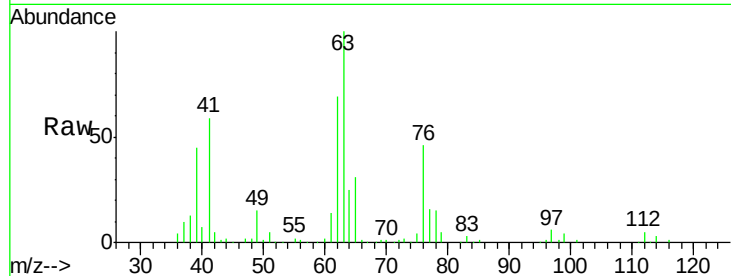
#45
 1,2-Dichloropropane
 Concen: 20.34 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.7	35.5

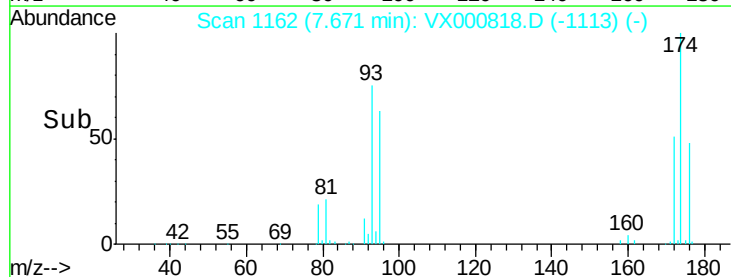
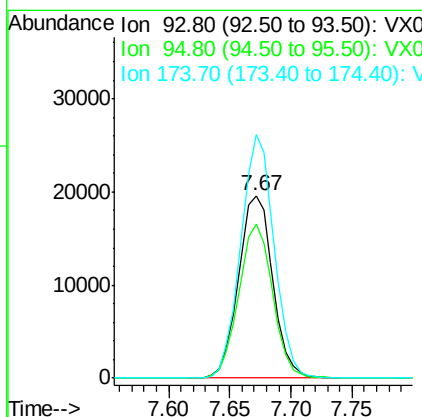
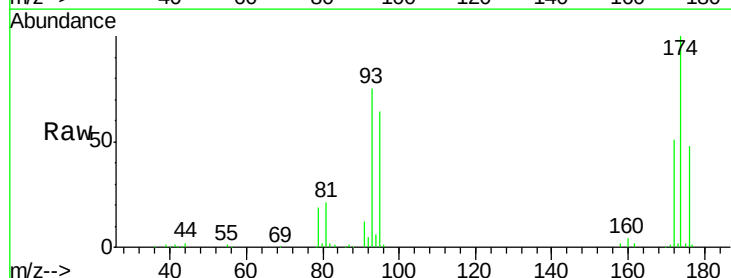
Manual Integrations
 APPROVED

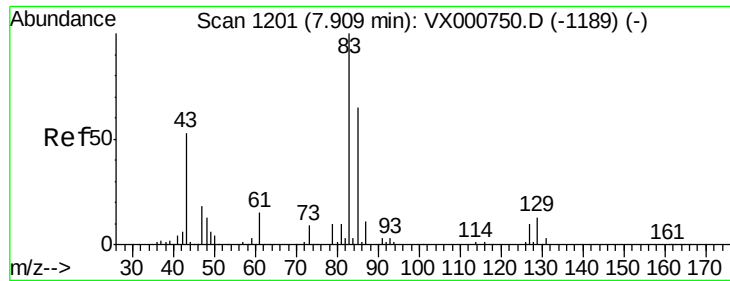
apatel
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#46
 Dibromomethane
 Concen: 19.78 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	100.0
174	130.2	104.5	156.7





#47

Bromodichloromethane

Concen: 19.57 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 83 Resp: 75972

Ion Ratio Lower Upper

83 100

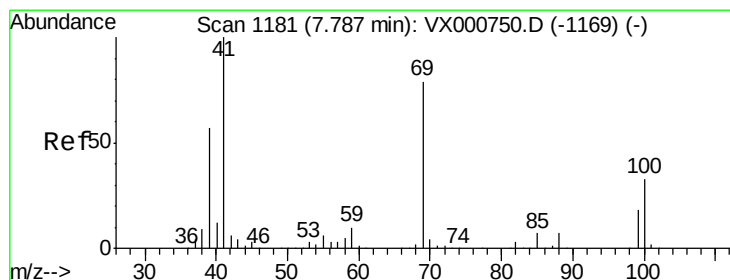
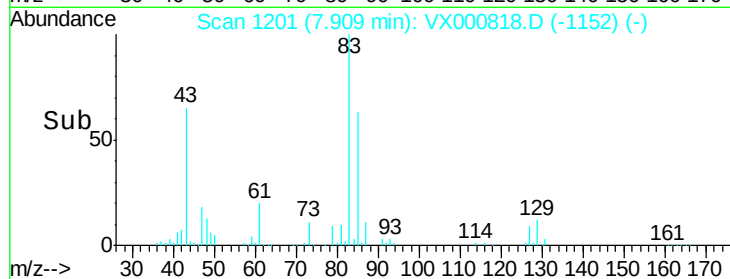
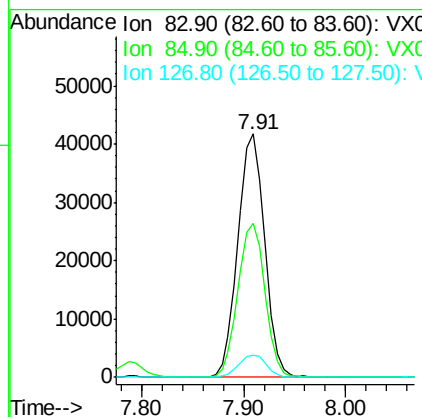
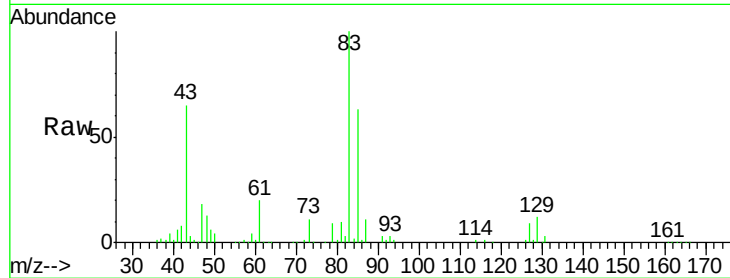
85 63.1 52.2 78.4

127 9.2 7.8 11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

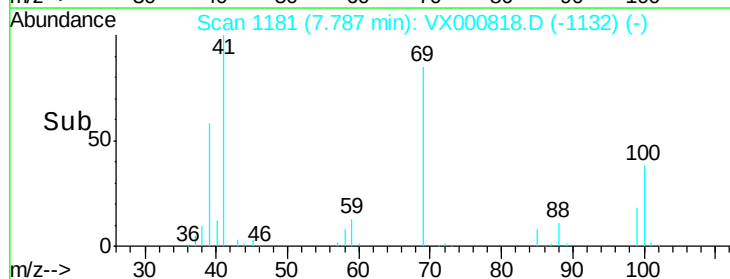
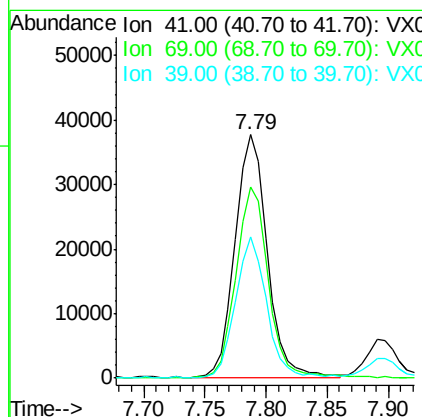
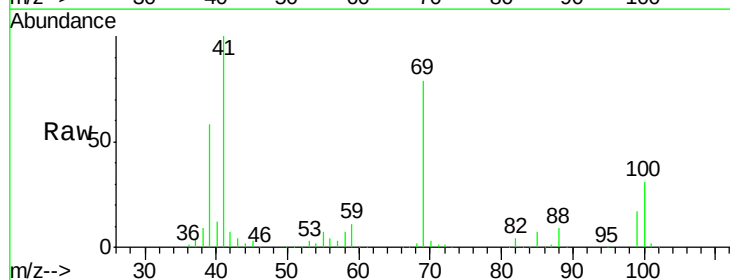
Tgt Ion: 41 Resp: 68686

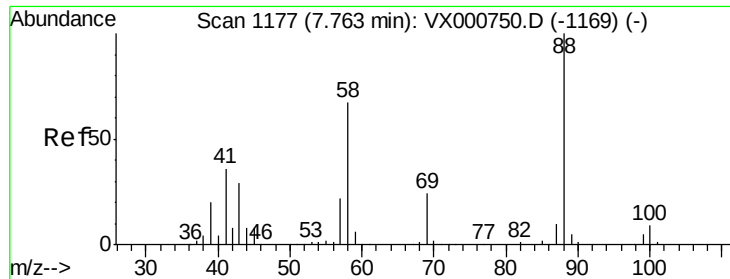
Ion Ratio Lower Upper

41 100

69 80.1 63.9 95.9

39 56.2 45.9 68.9





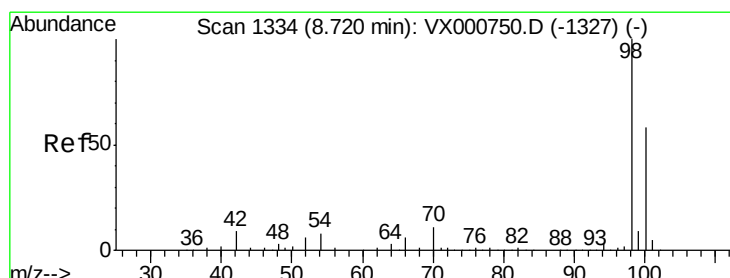
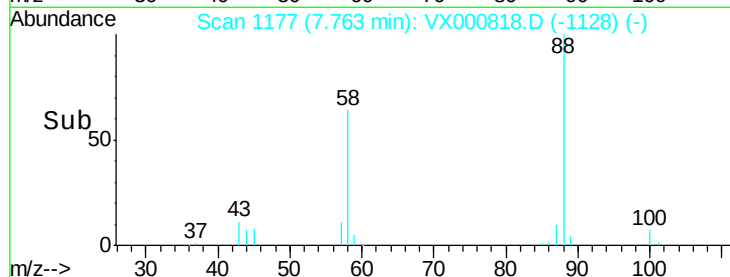
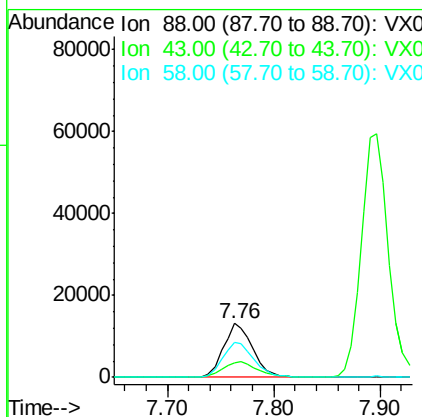
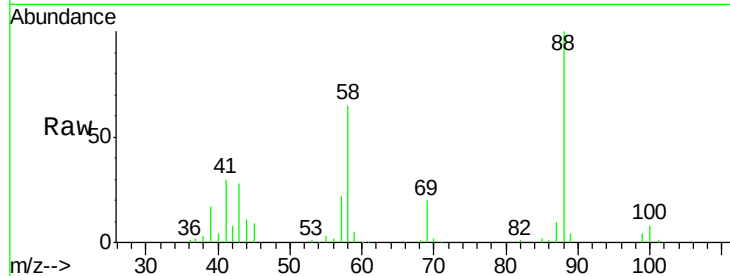
#49
1,4-Dioxane
Concen: 372.04 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.8	38.8
58	68.4	54.4	81.6

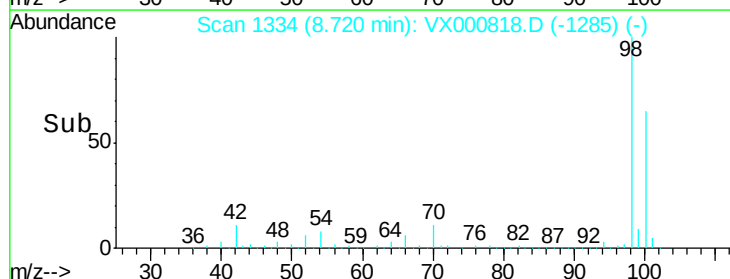
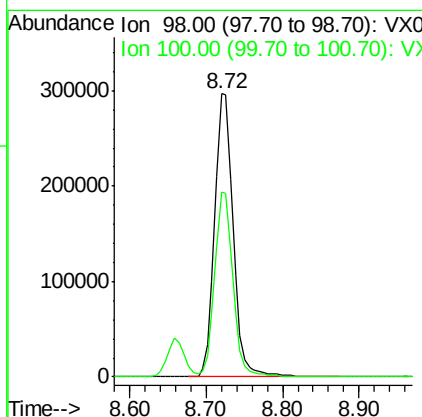
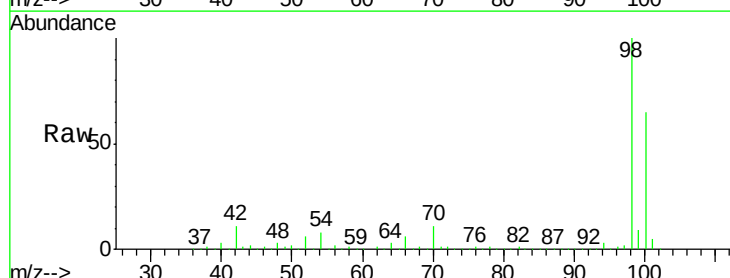
Manual Integrations
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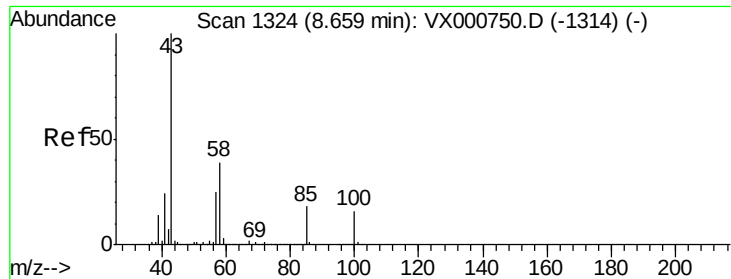
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#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	79.0





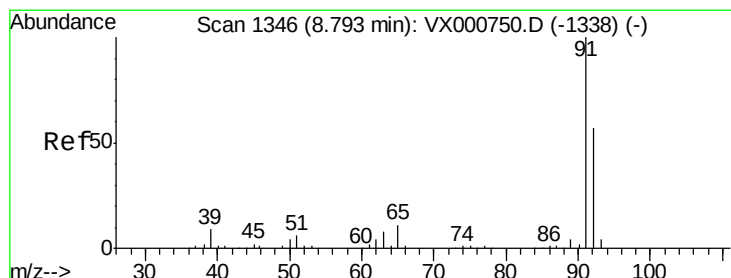
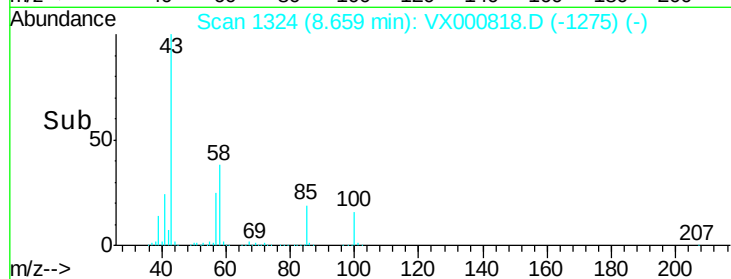
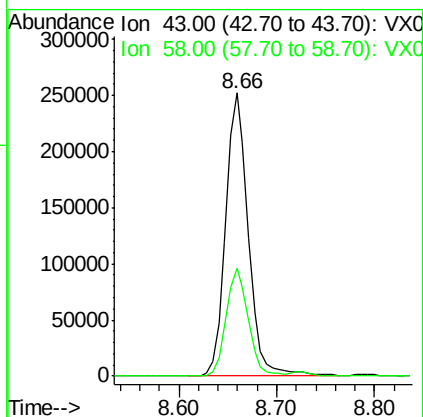
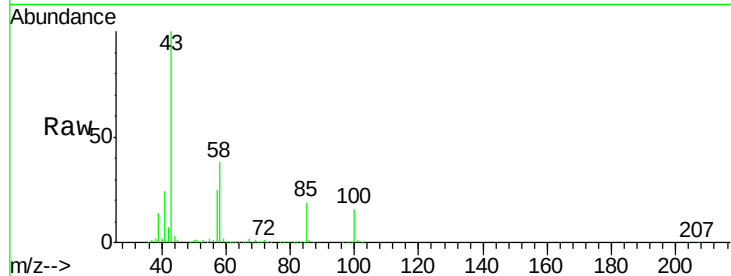
#51
 4-Methyl-2-Pentanone
 Concen: 105.30 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5

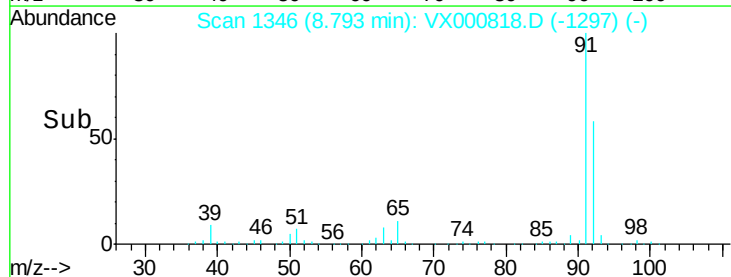
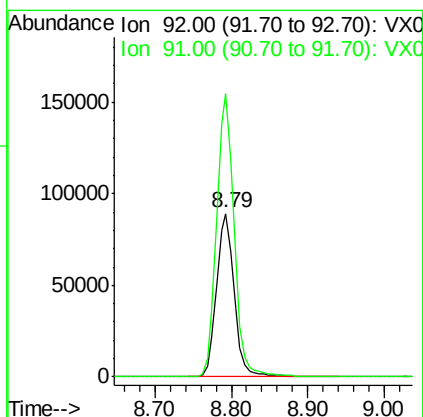
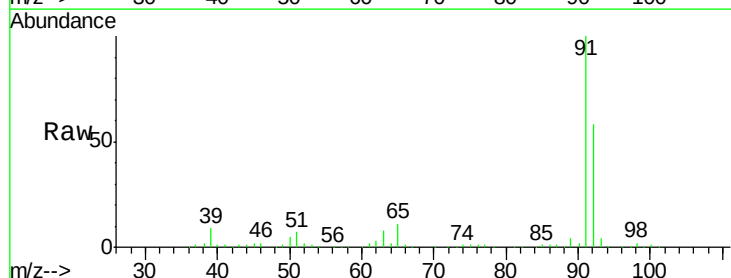
Manual Integrations
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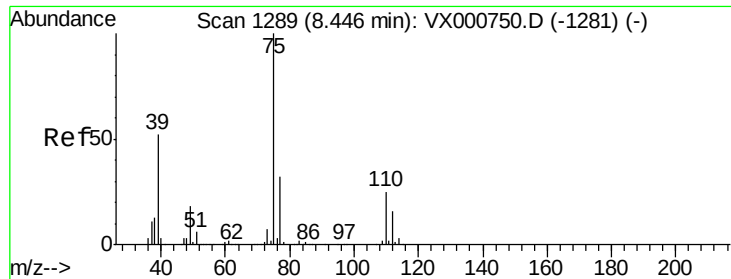
apatel
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#52
 Toluene
 Concen: 19.83 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	139.0	208.4





#53

t-1,3-Dichloropropene

Concen: 19.09 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 75 Resp: 88917

Ion Ratio Lower Upper

75 100

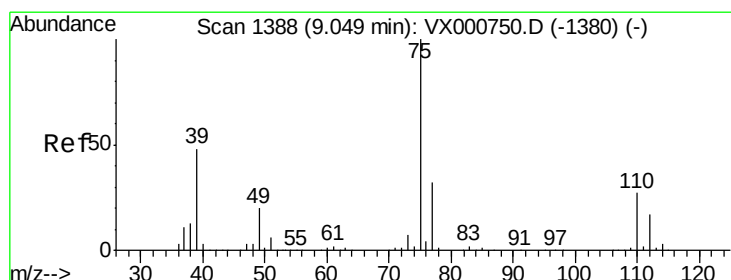
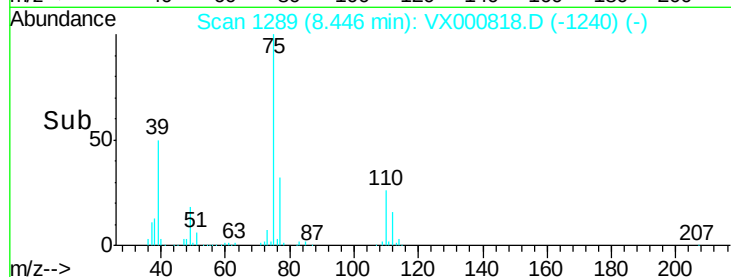
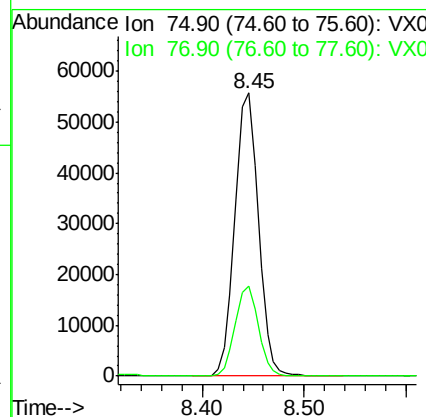
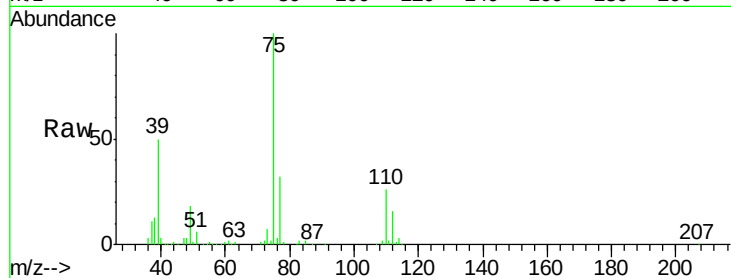
77 31.8 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

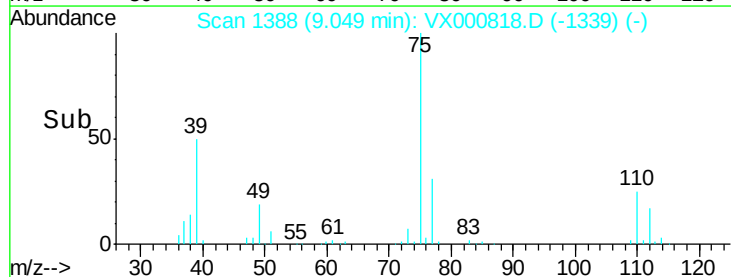
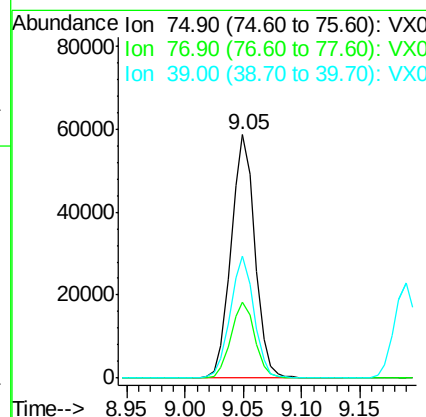
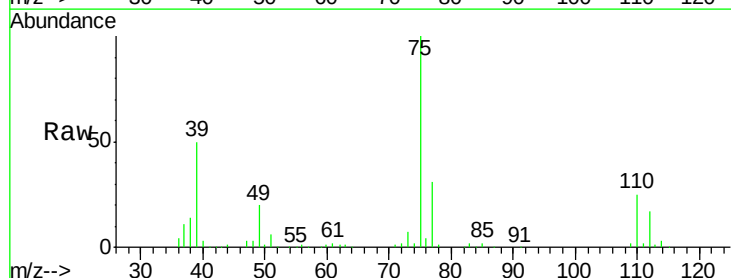
Tgt Ion: 75 Resp: 83636

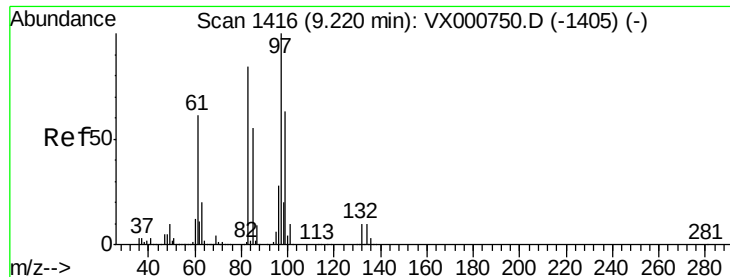
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 49.8 38.6 58.0





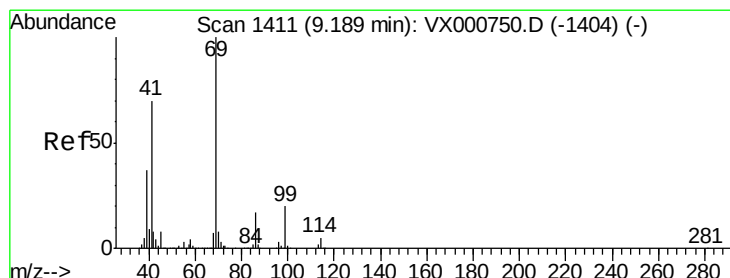
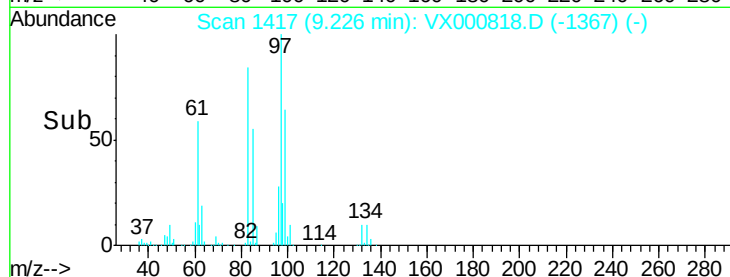
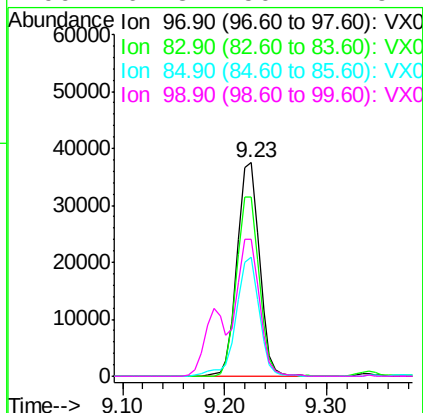
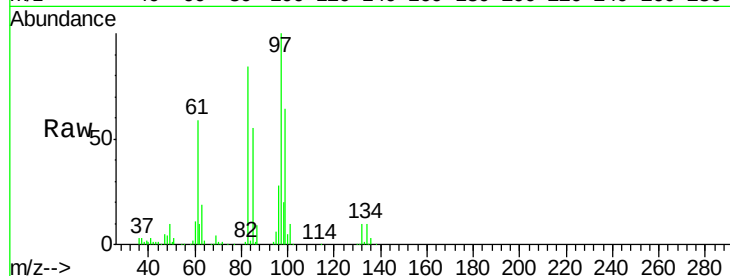
#55
 1,1,2-Trichloroethane
 Concen: 19.86 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion:	97	Resp:	56682
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.6	101.4
85	55.5	43.8	65.6
99	64.3	50.2	75.4

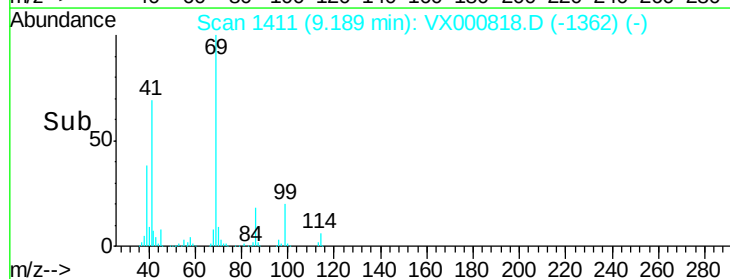
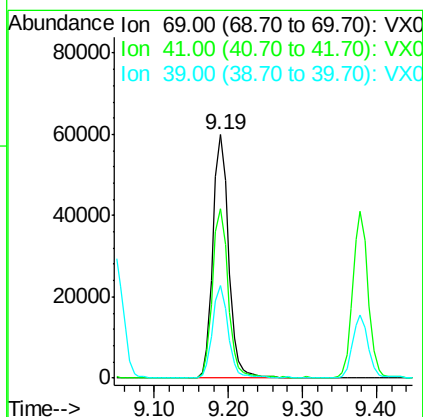
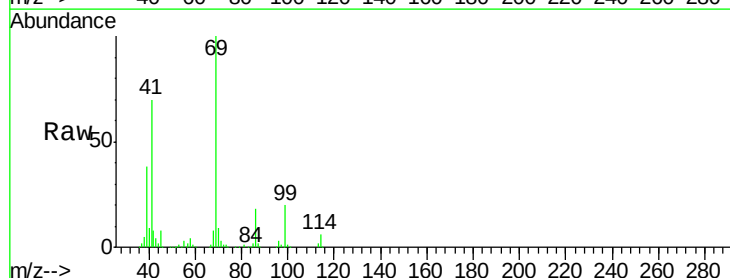
Manual Integrations
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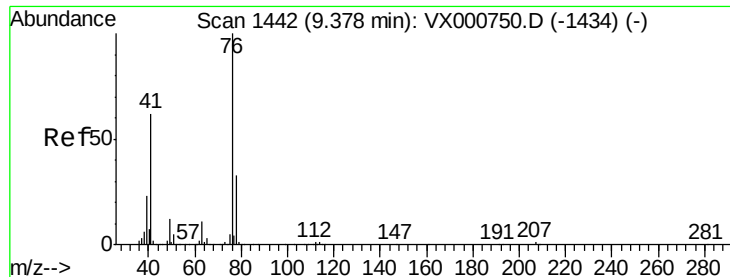
apatel
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#56
 Ethyl methacrylate
 Concen: 19.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion:	69	Resp:	87582
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.6	83.4
39	37.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.70 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS02

Tot Ion: 76 Resp: 93914

Ion Ratio Lower Upper

76 100

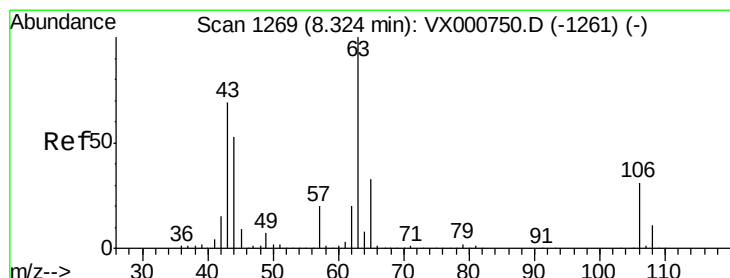
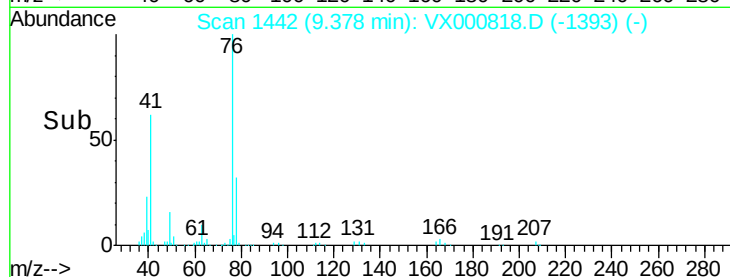
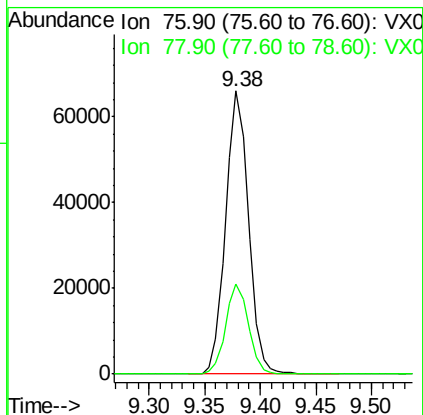
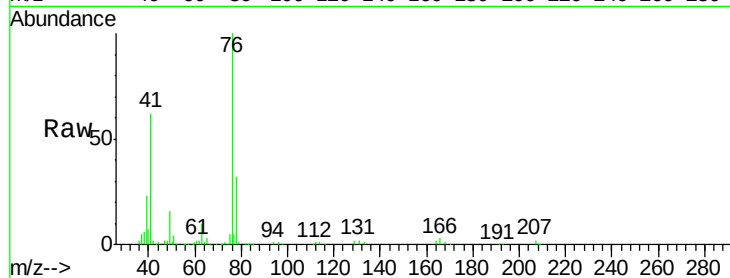
78 31.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.18 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000818.D

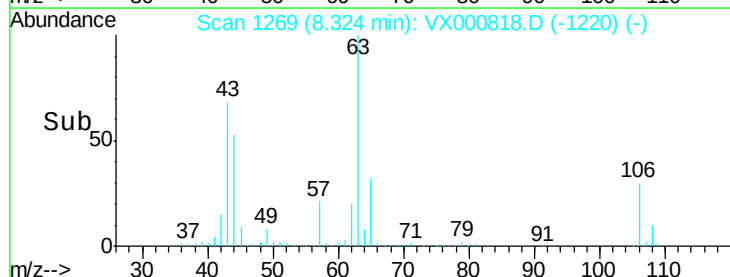
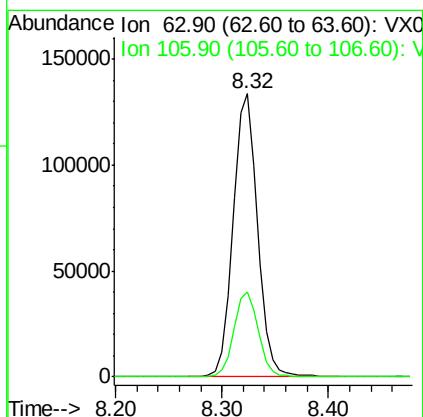
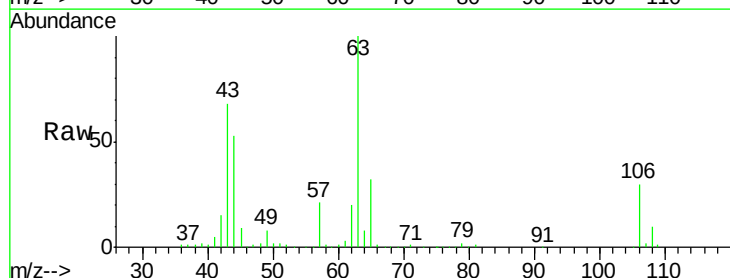
Acq: 12 Apr 2018 22:55

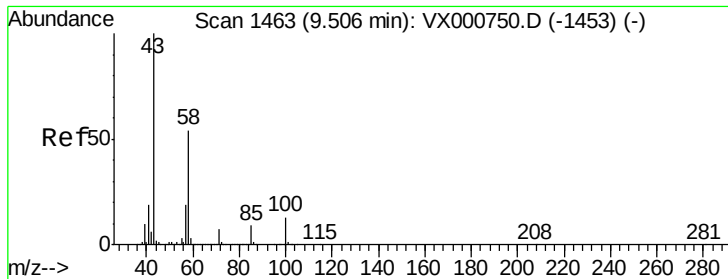
Tgt Ion: 63 Resp: 214300

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





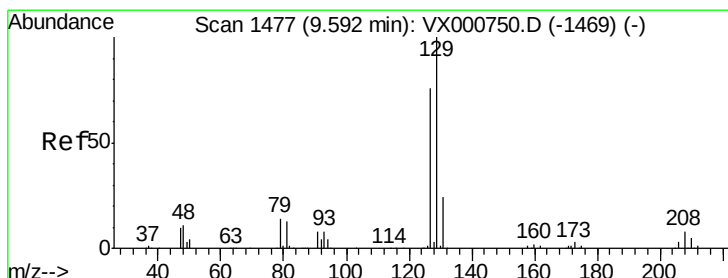
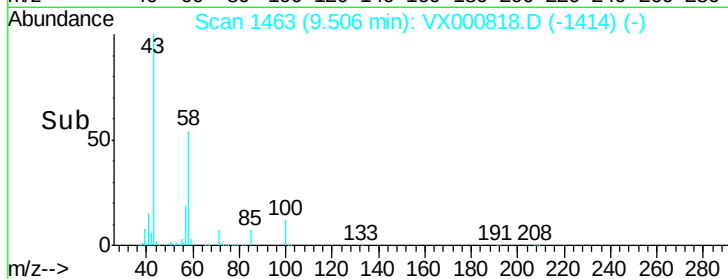
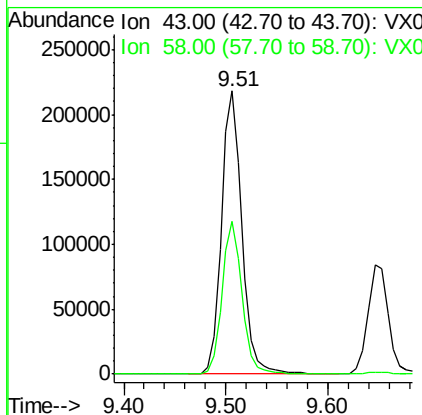
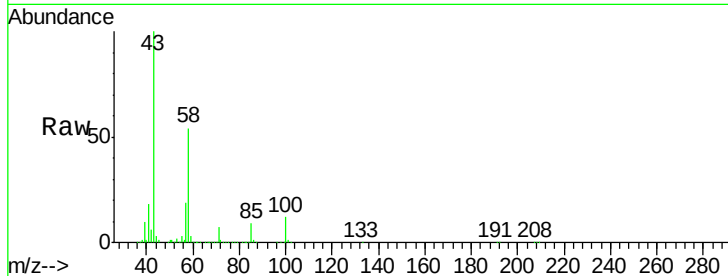
#59
2-Hexanone
Concen: 102.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.5	79.5

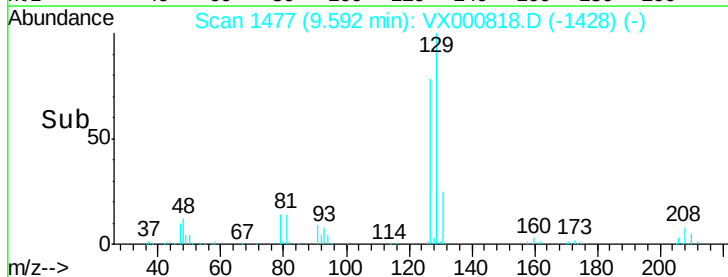
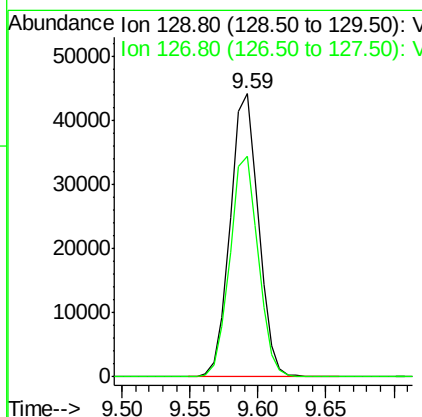
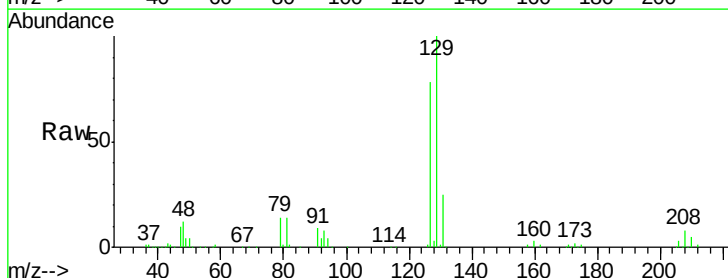
Manual Integrations
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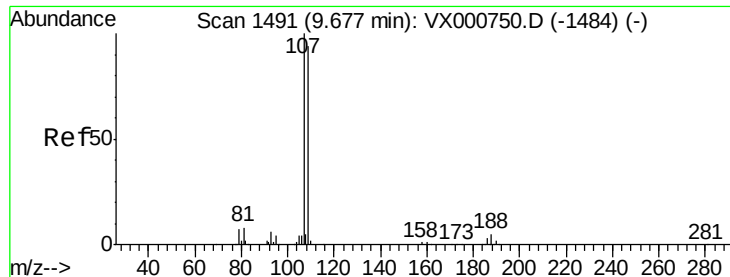
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#60
Dibromochloromethane
Concen: 18.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.1





#61

1,2-Dibromoethane

Concen: 20.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion:107 Resp: 61542

Ion Ratio Lower Upper

107 100

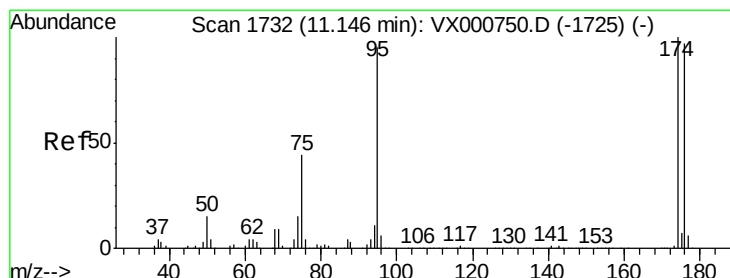
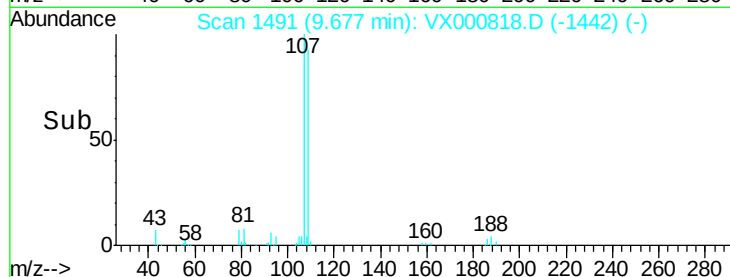
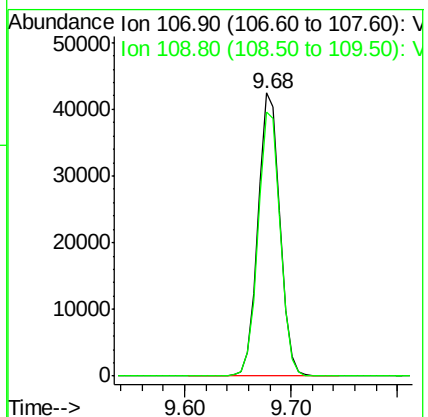
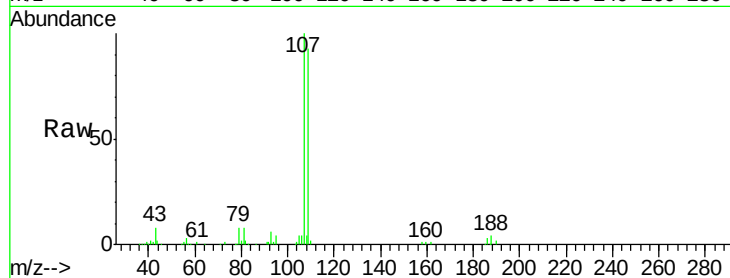
109 94.8 76.2 114.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

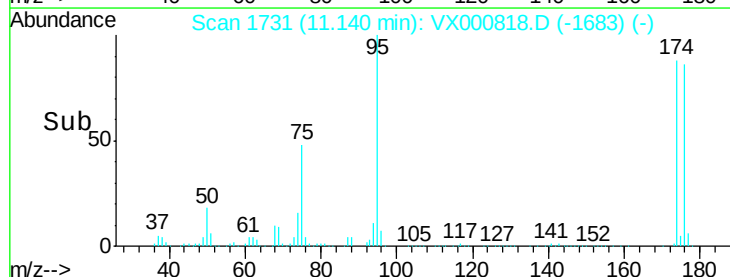
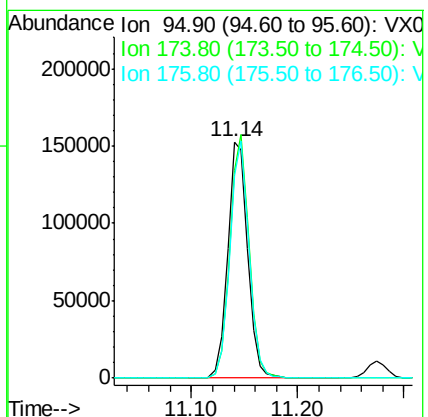
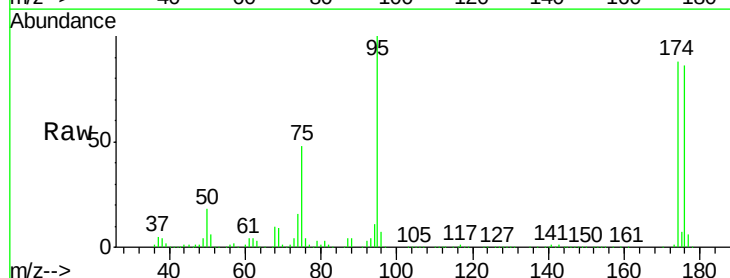
Tgt Ion: 95 Resp: 200019

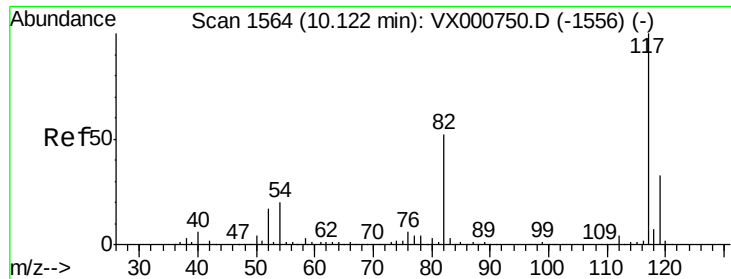
Ion Ratio Lower Upper

95 100

174 99.2 0.0 198.4

176 96.6 0.0 194.4





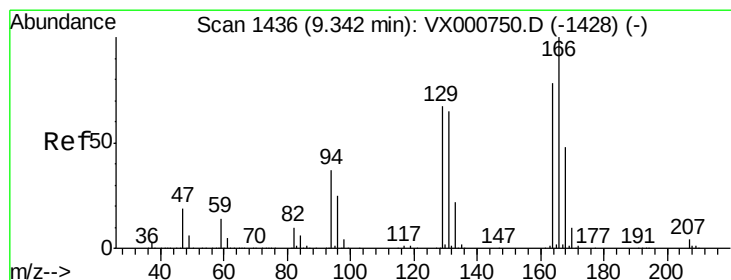
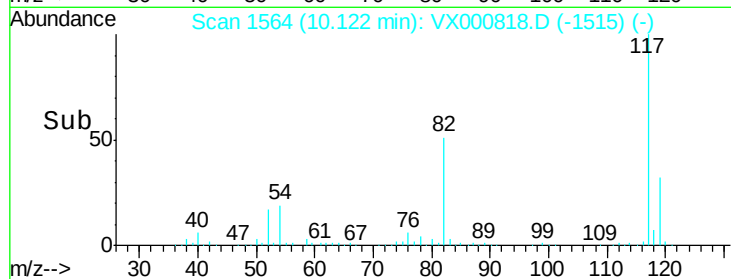
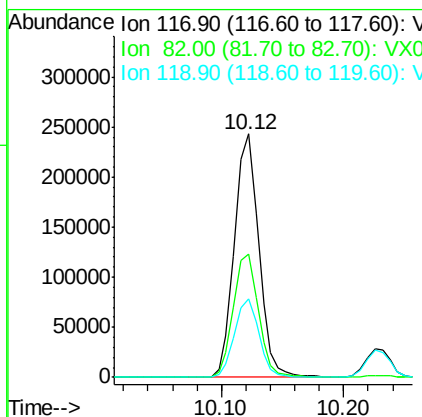
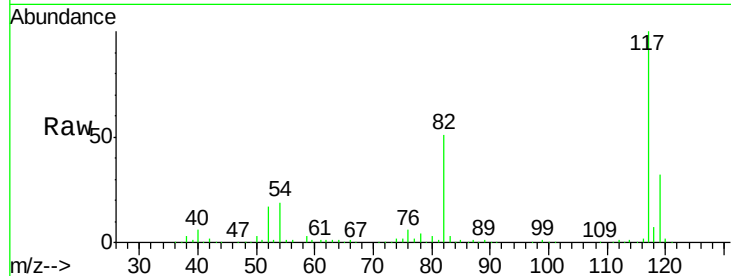
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.9	62.9
119	32.2	26.0	39.0

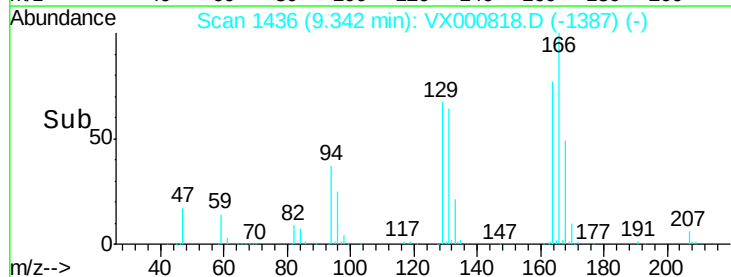
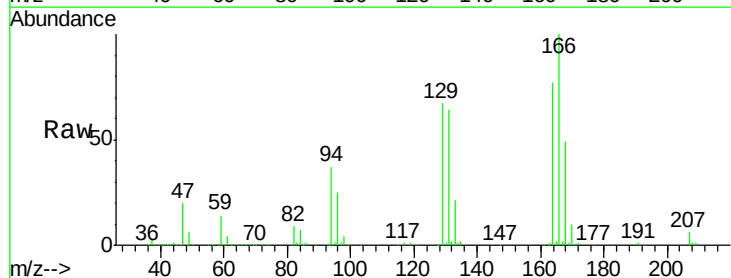
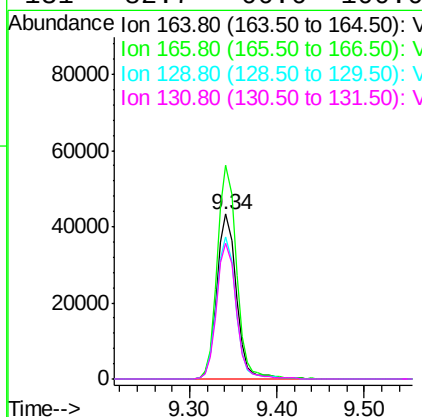
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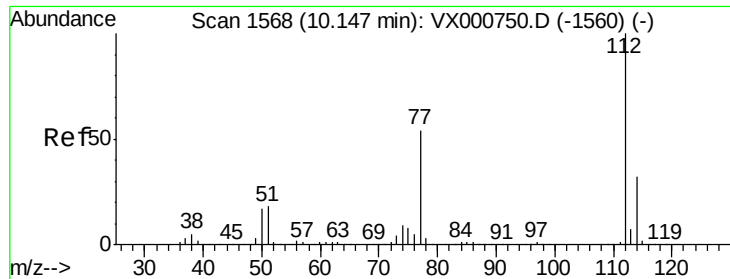
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#64
Tetrachloroethene
Concen: 20.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.8	154.2
129	86.3	68.5	102.7
131	82.7	66.6	100.0





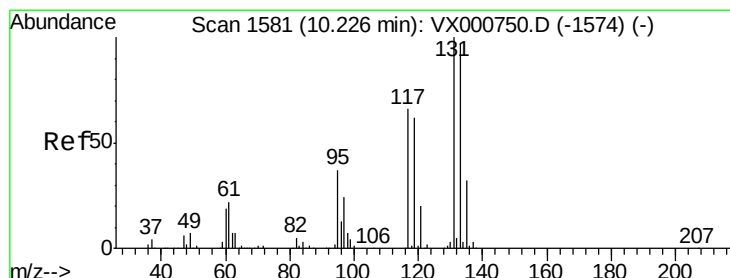
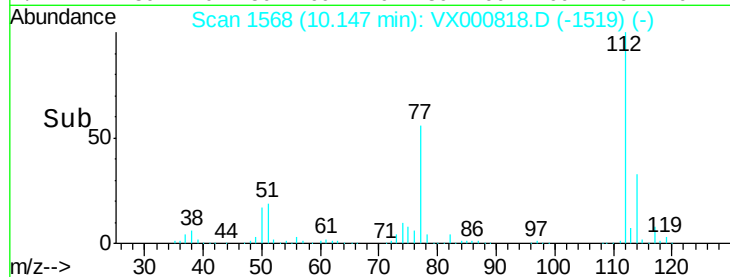
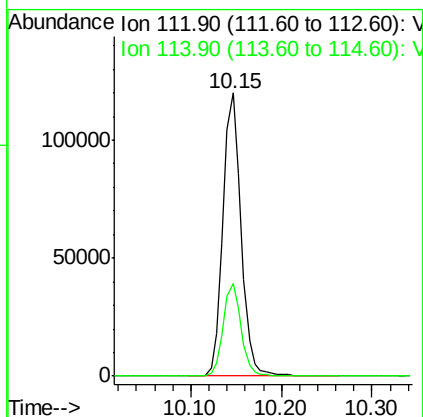
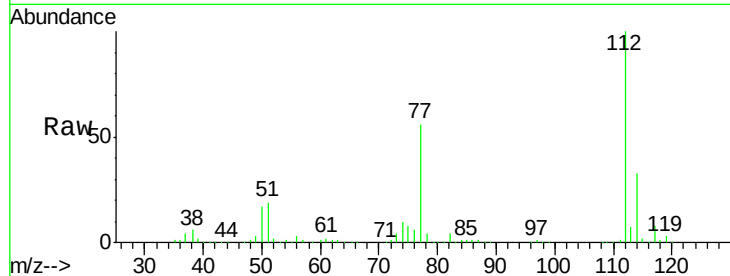
#65
Chlorobenzene
Concen: 19.81 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion:112 Resp: 167510
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

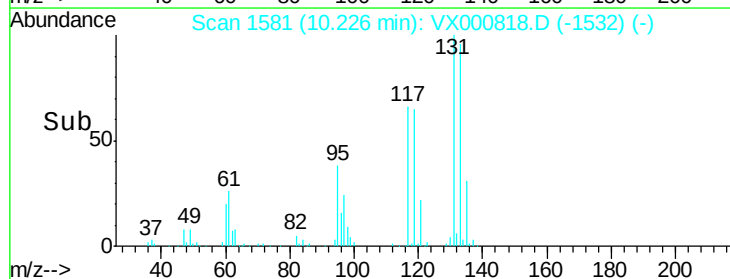
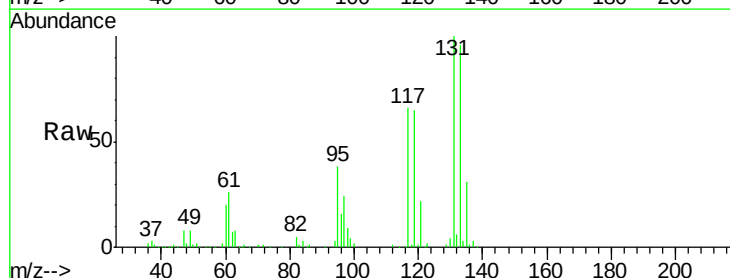
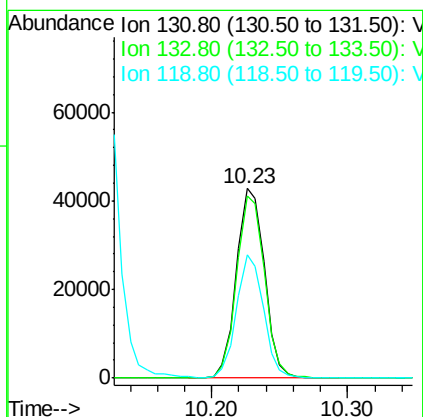
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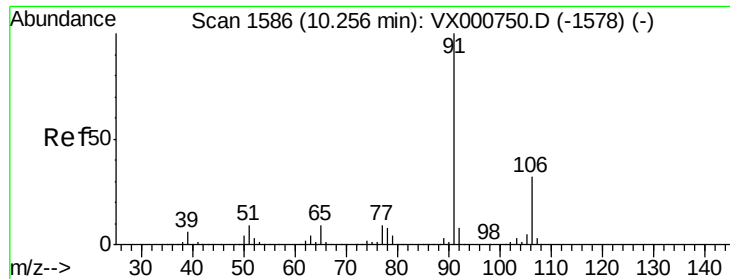
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:131 Resp: 61567
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.9
119 62.6 31.4 94.0





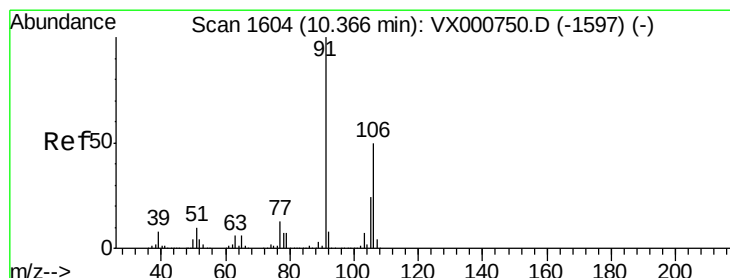
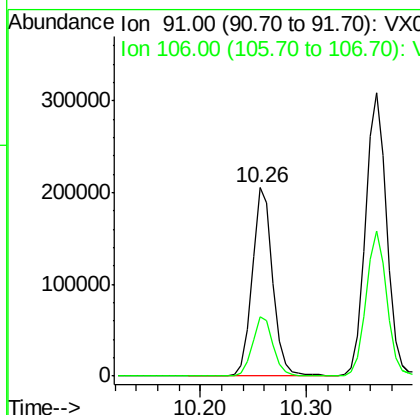
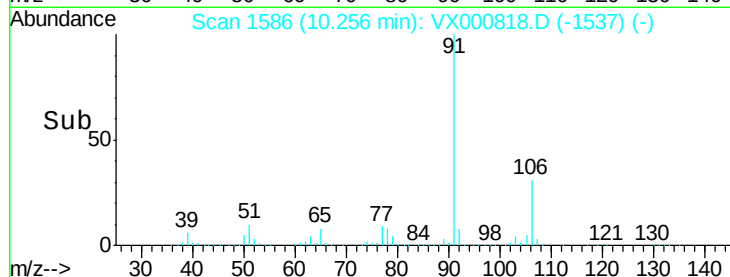
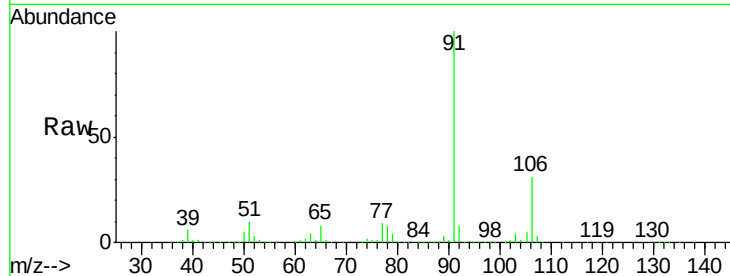
#67
Ethyl Benzene
Concen: 19.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS02

Tot Ion: 91 Resp: 276764
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

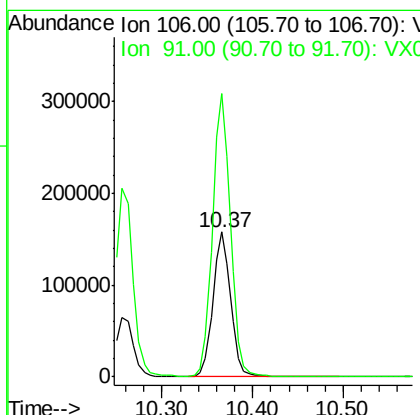
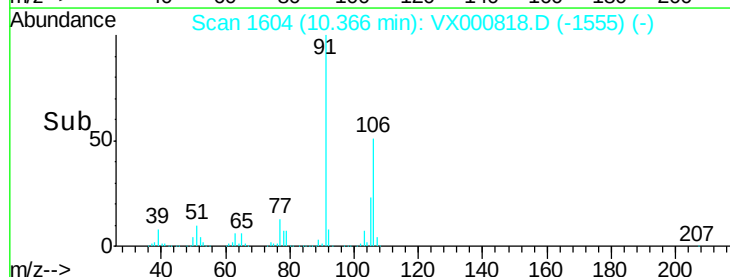
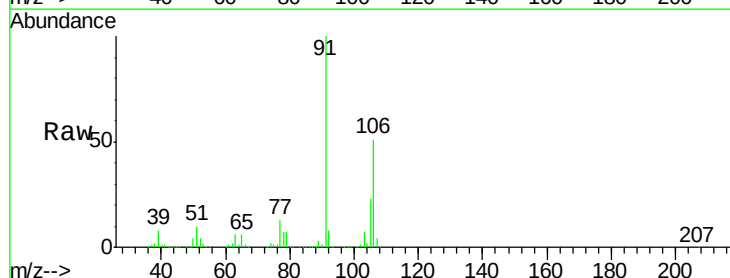
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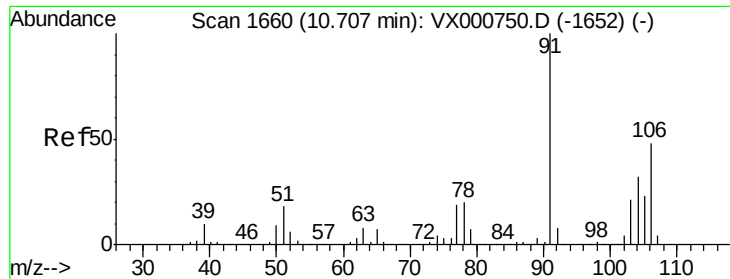
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#68
m/p-Xylenes
Concen: 39.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion: 106 Resp: 218073
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9





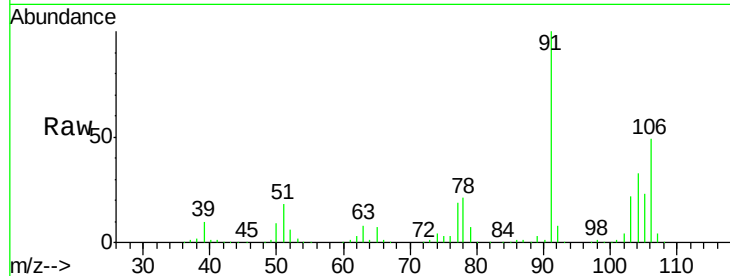
#69
o-Xylene
Concen: 19.88 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS02

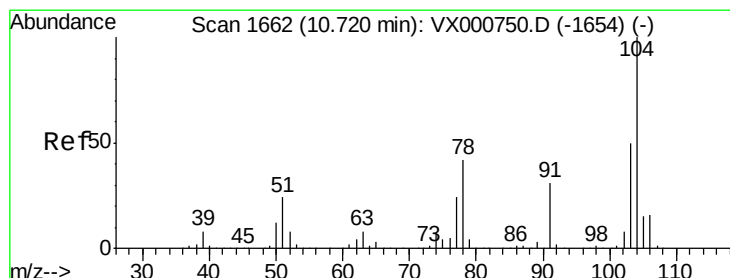
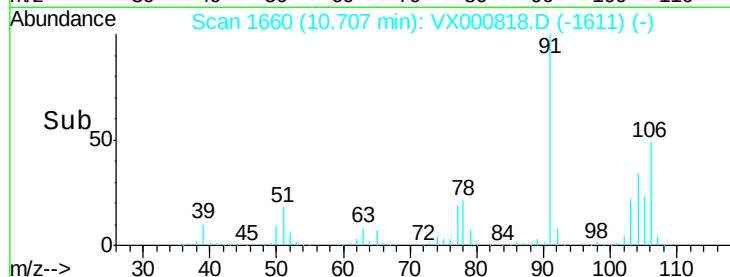
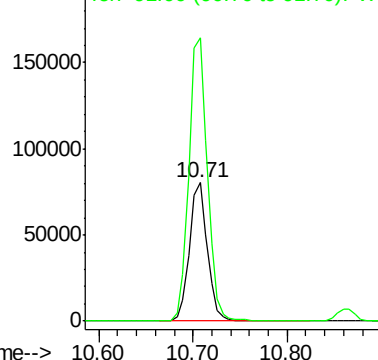
Tot Ion:106 Resp: 106596
Ion Ratio Lower Upper
106 100
91 210.9 105.0 315.0

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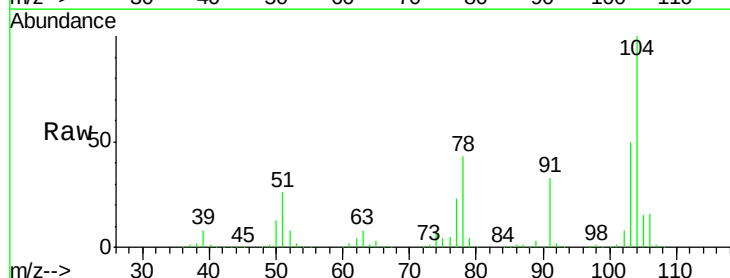


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

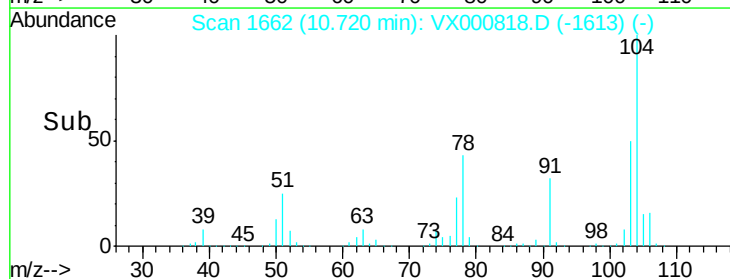
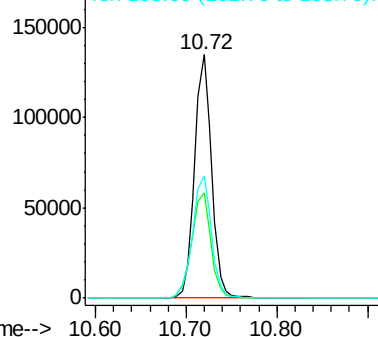


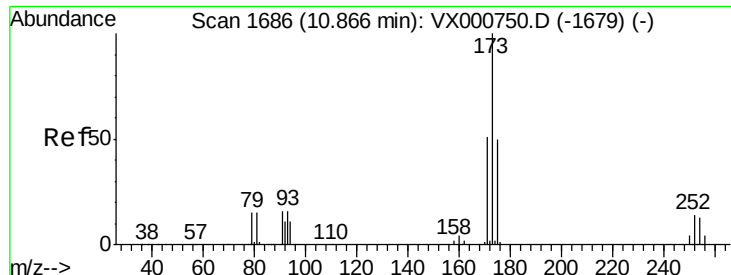
#70
Styrene
Concen: 19.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion:104 Resp: 176946
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.6 44.1 66.1



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





#71

Bromoform

Concen: 18.15 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion:173 Resp: 53465

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

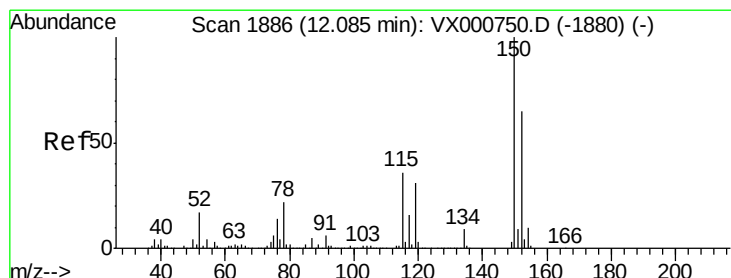
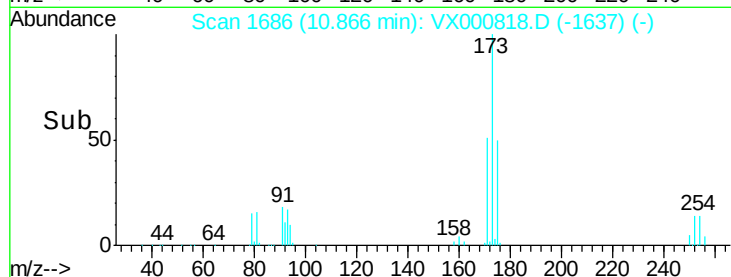
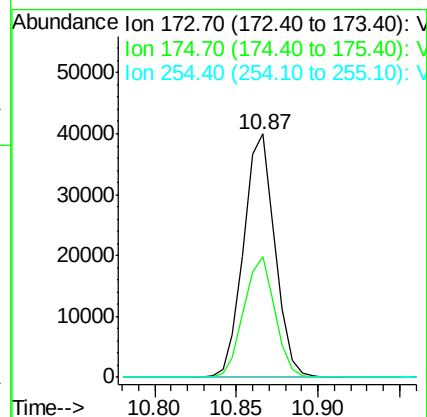
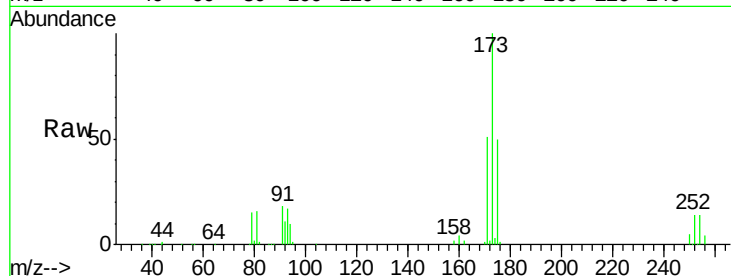
254 0.1 0.2 0.2#

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

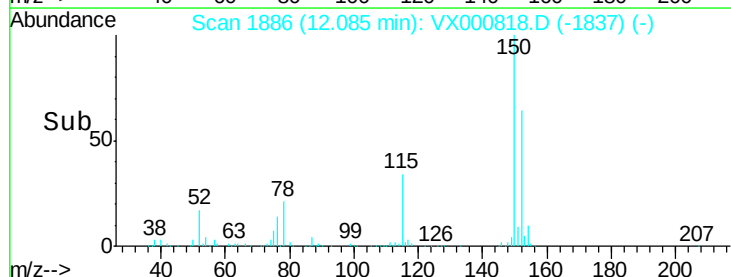
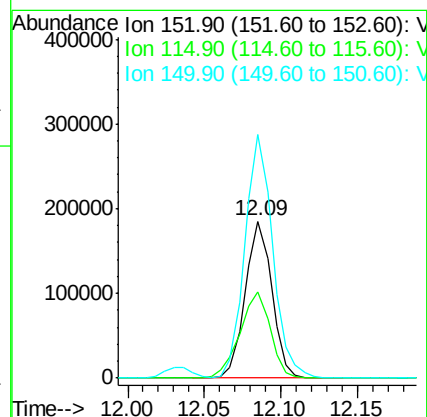
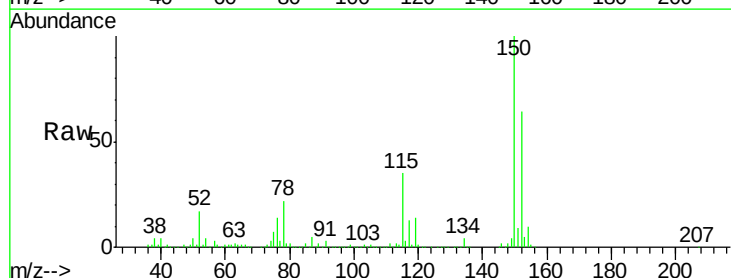
Tgt Ion:152 Resp: 223675

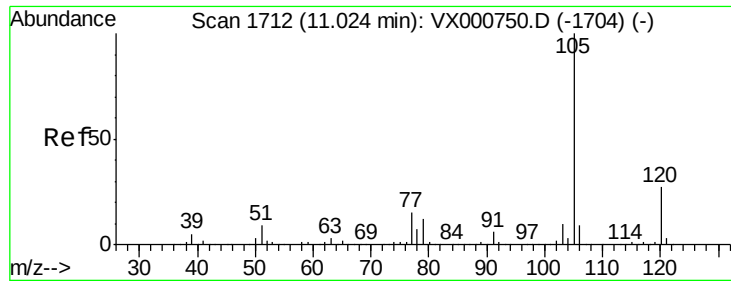
Ion Ratio Lower Upper

152 100

115 62.3 37.9 113.7

150 162.6 0.0 348.0





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 105 Resp: 287759

Ion Ratio Lower Upper

105 100

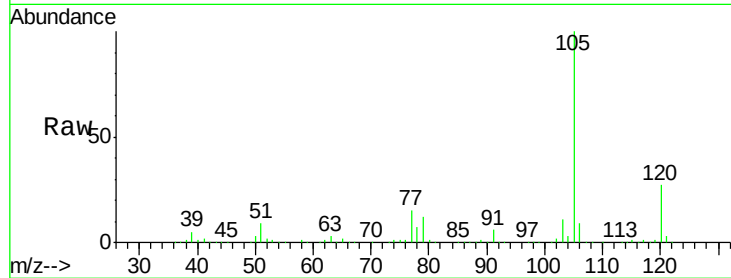
120 27.3 13.7 41.0

Manual Integrations

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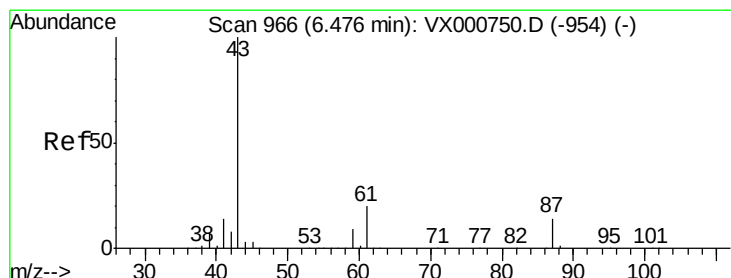
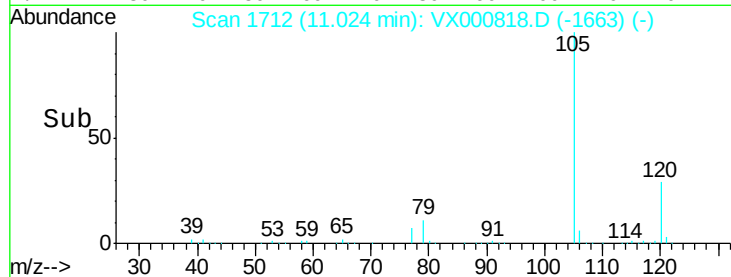
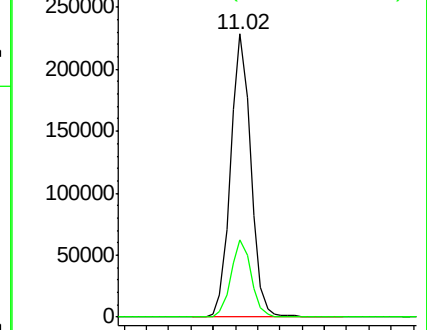
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion: 43 Resp: 130591

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

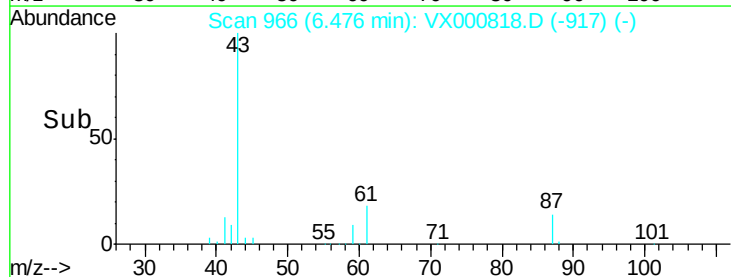
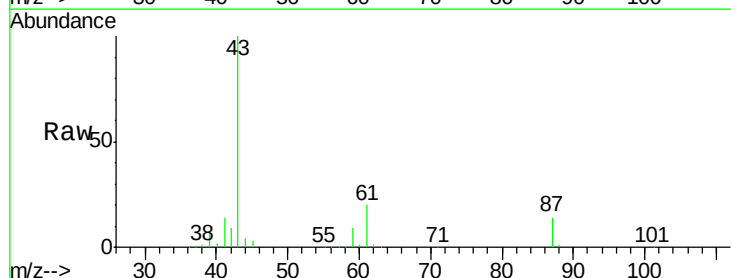
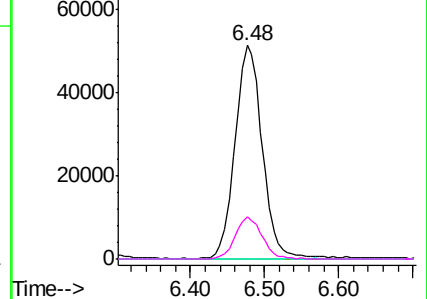
61 19.3 15.6 23.4

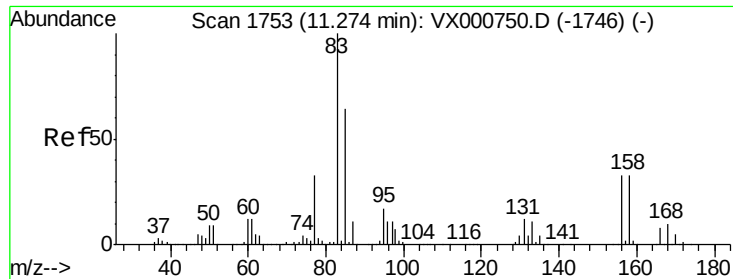
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 83 Resp: 84729

Ion Ratio Lower Upper

83 100

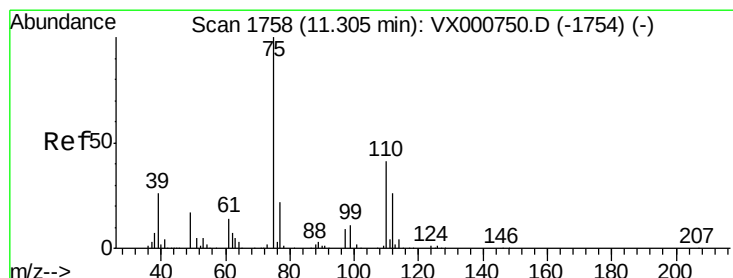
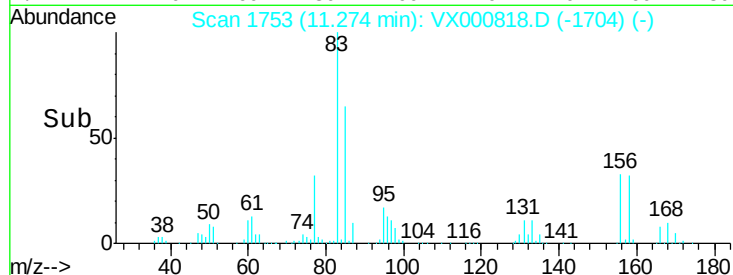
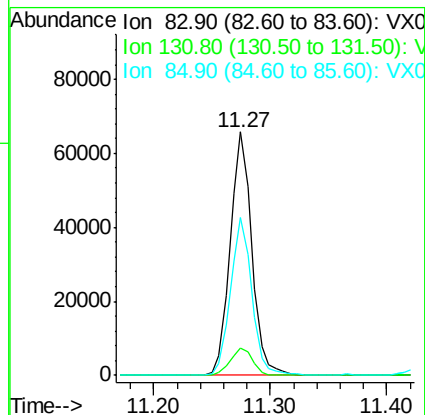
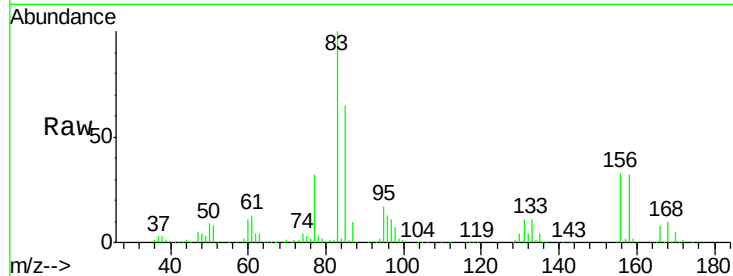
131 11.8 6.0 18.0

85 64.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 21.16 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000818.D

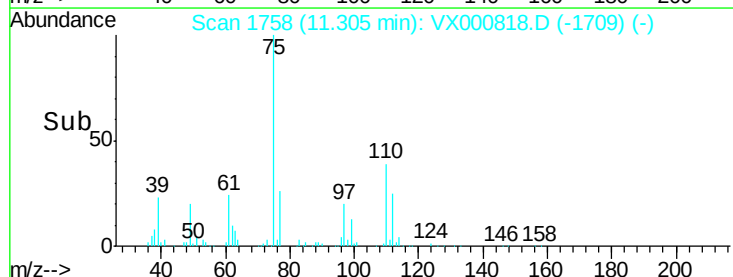
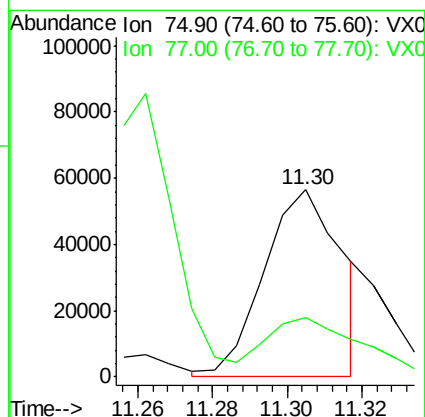
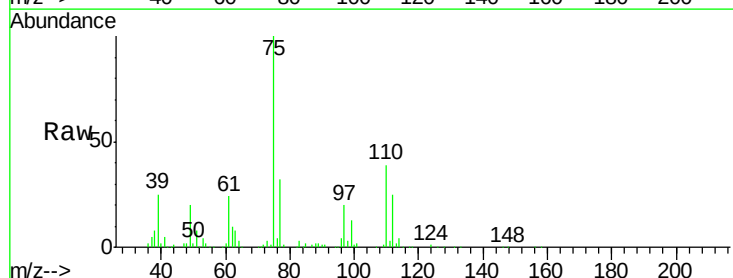
Acq: 12 Apr 2018 22:55

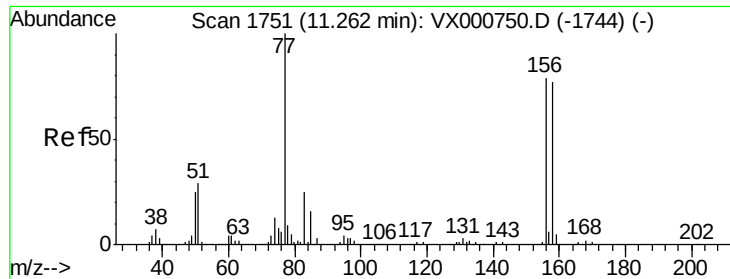
Tgt Ion: 75 Resp: 81612

Ion Ratio Lower Upper

75 100

77 38.7 20.5 61.5





#77

Bromobenzene

Concen: 19.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion:156 Resp: 82995

Ion Ratio Lower Upper

156 100

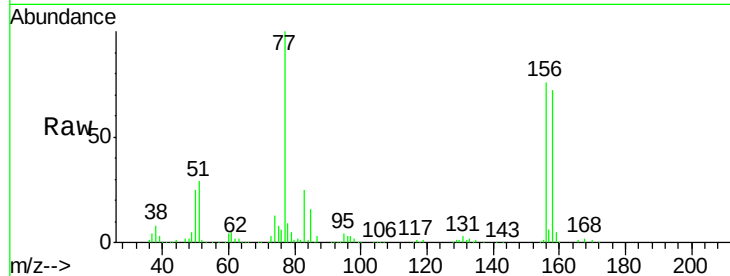
77 133.5 66.0 198.2

158 96.3 48.8 146.4

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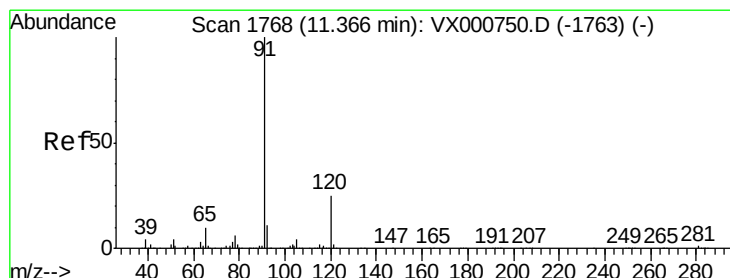
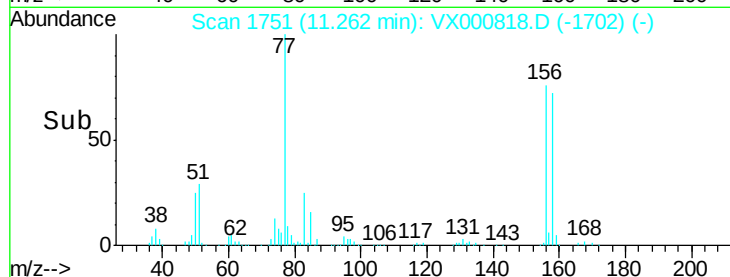
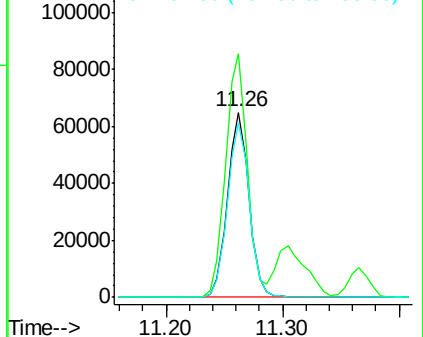
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000818.D

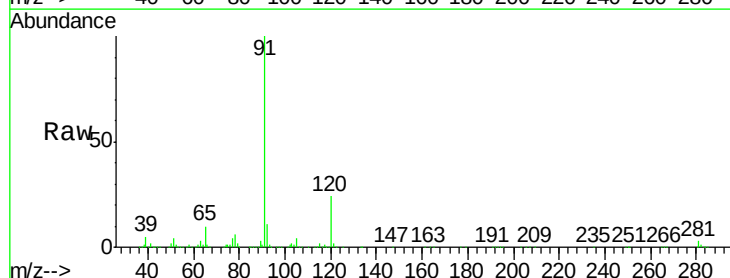
Acq: 12 Apr 2018 22:55

Tgt Ion: 91 Resp: 323146

Ion Ratio Lower Upper

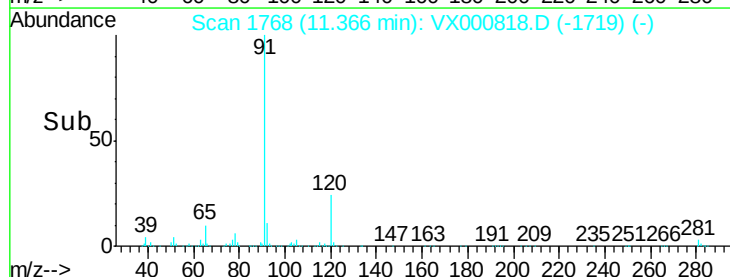
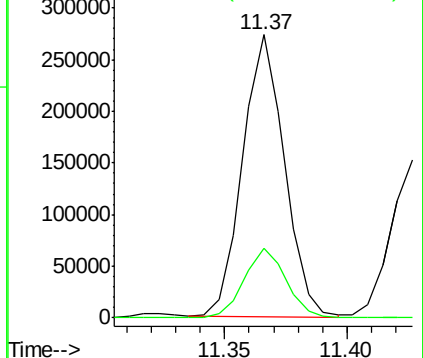
91 100

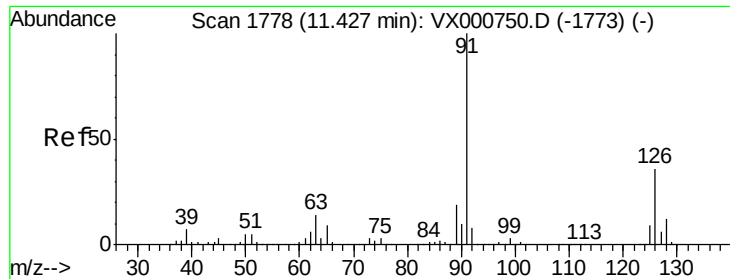
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 91 Resp: 191355

Ion Ratio Lower Upper

91 100

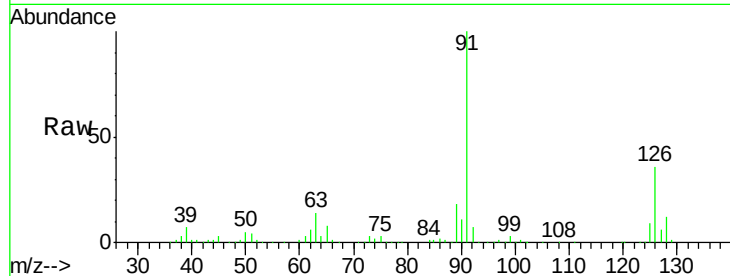
126 37.0 18.3 54.9

Manual Integrations

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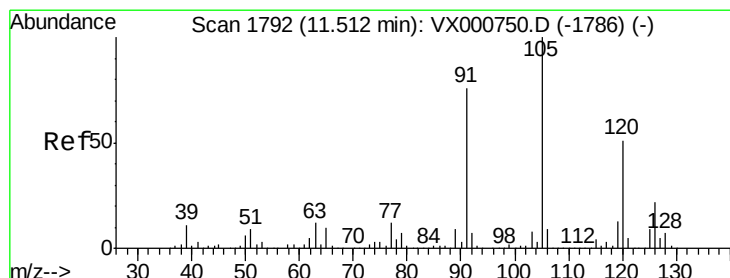
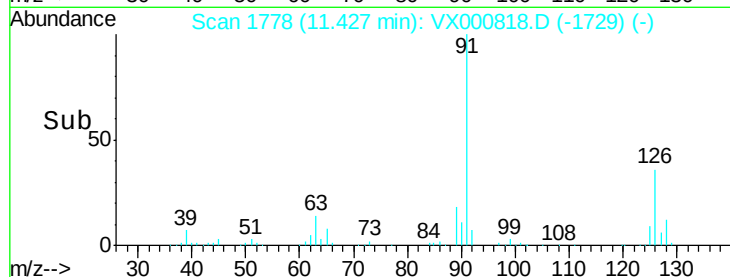
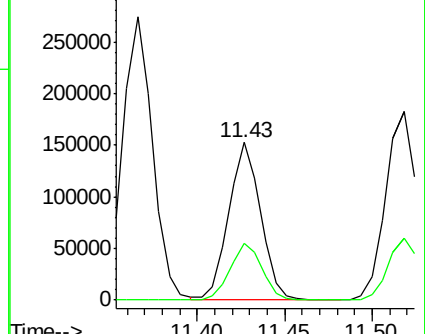
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000818.D

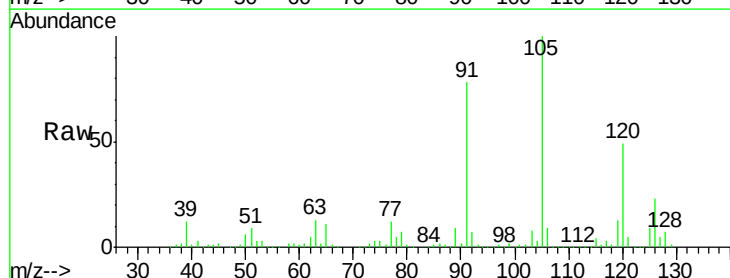
Acq: 12 Apr 2018 22:55

Tgt Ion:105 Resp: 242447

Ion Ratio Lower Upper

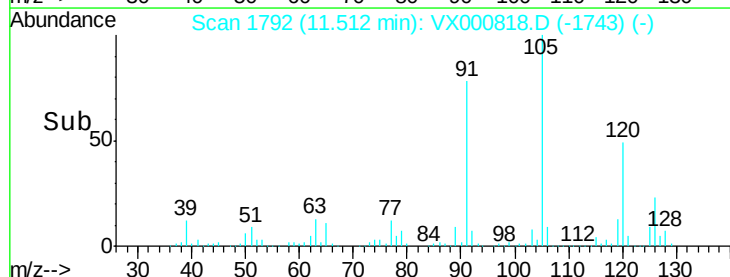
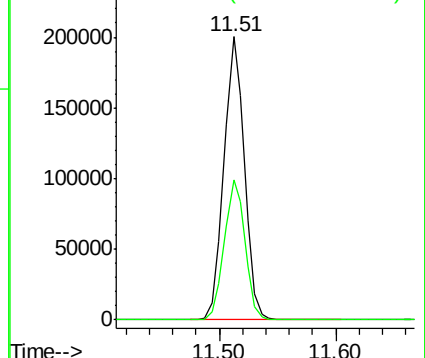
105 100

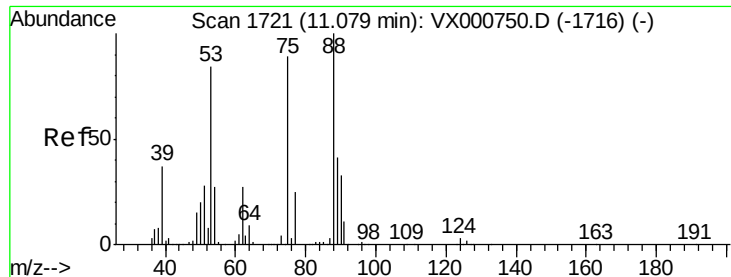
120 50.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tot Ion: 75 Resp: 22964

Ion Ratio Lower Upper

75 100

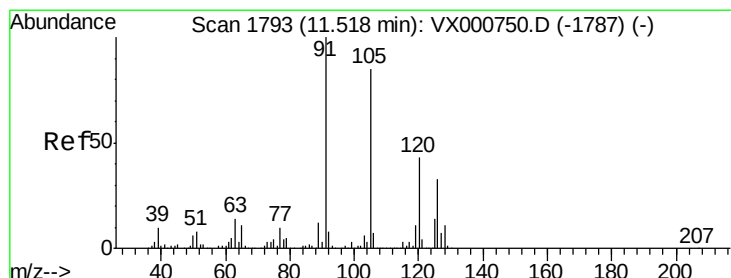
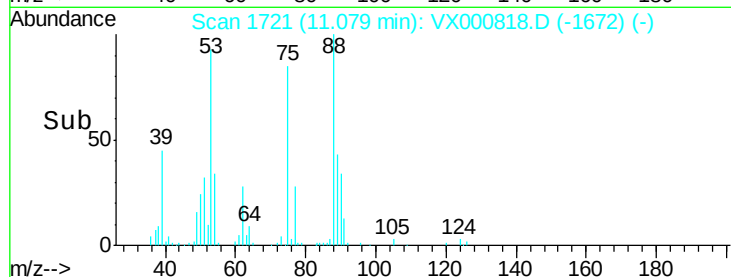
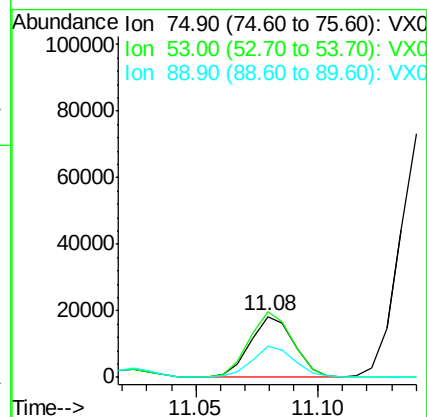
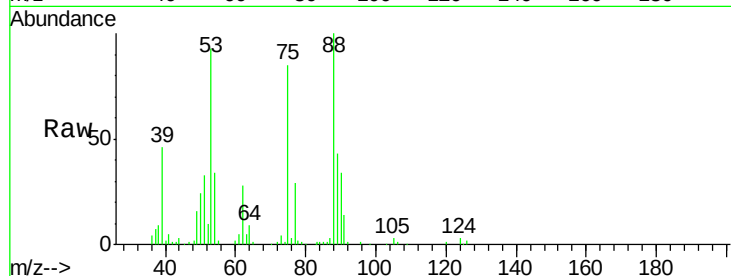
53 106.9 75.4 113.0

89 48.8 40.9 61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.94 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000818.D

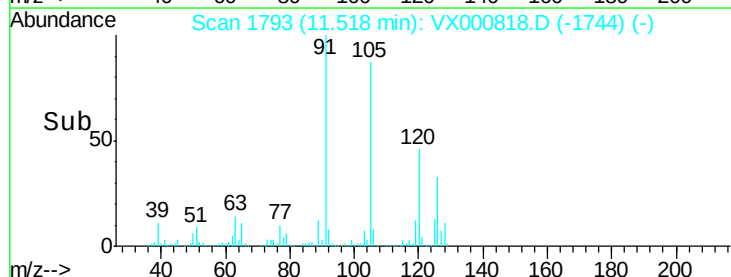
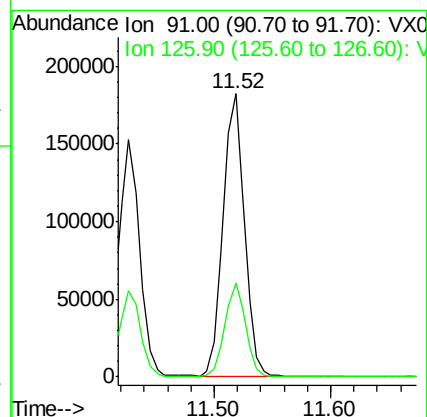
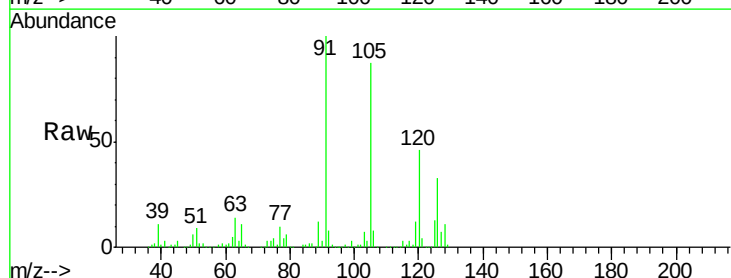
Acq: 12 Apr 2018 22:55

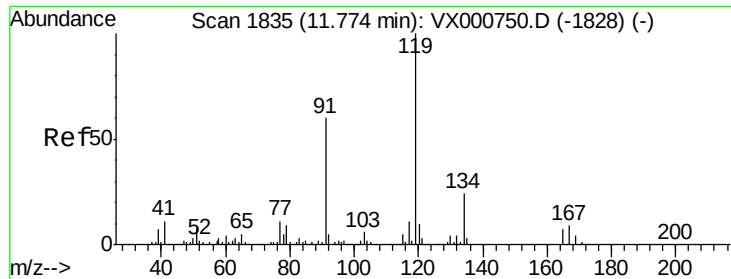
Tgt Ion: 91 Resp: 230849

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.6





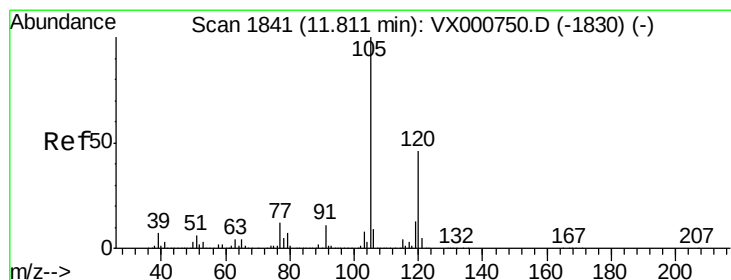
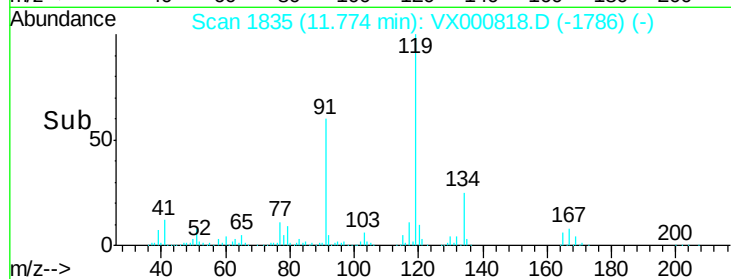
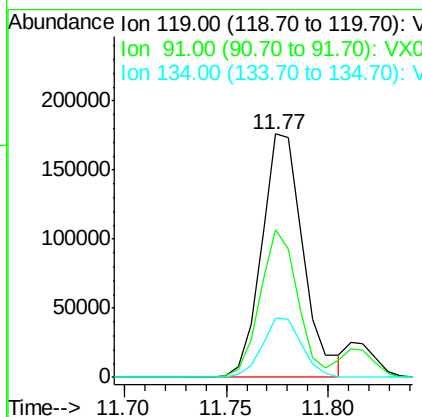
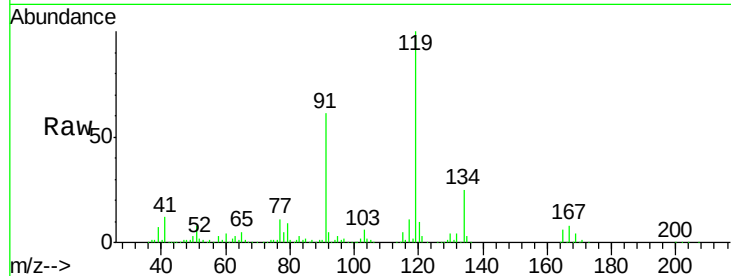
#83
 tert-Butylbenzene
 Concen: 19.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248957		
91	55.0	26.8	80.3	
134	23.3	11.5	34.4	

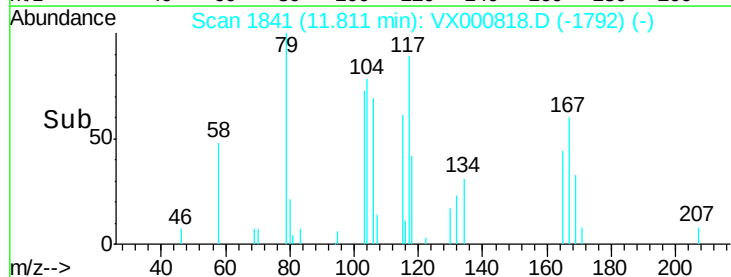
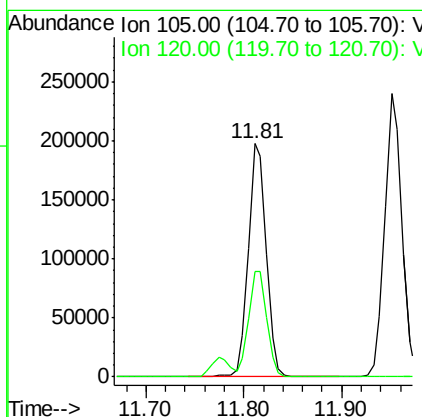
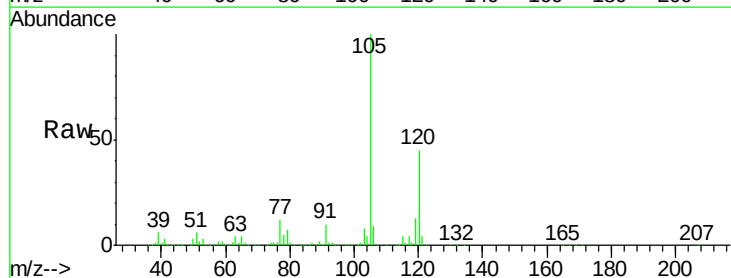
Manual Integrations
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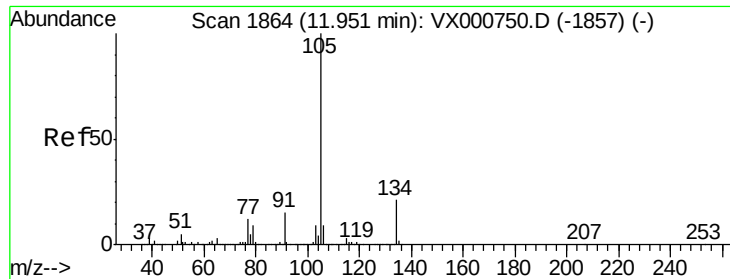
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.92 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250986		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS02

Tot Ion:105 Resp: 292917

Ion Ratio Lower Upper

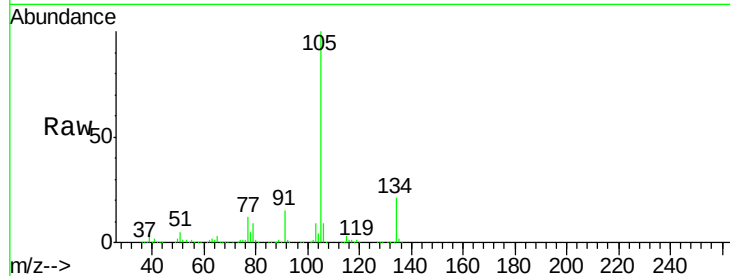
105 100

134 21.4 10.8 32.4

Manual Integrations
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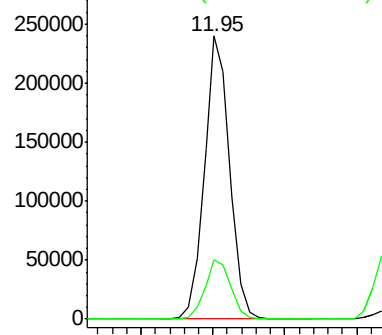
apatel

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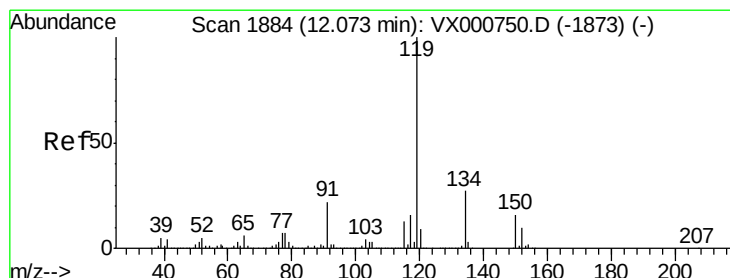
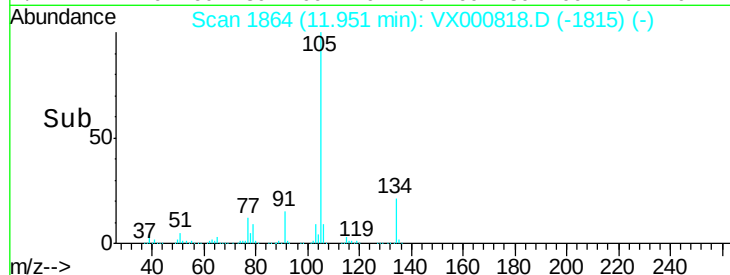


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

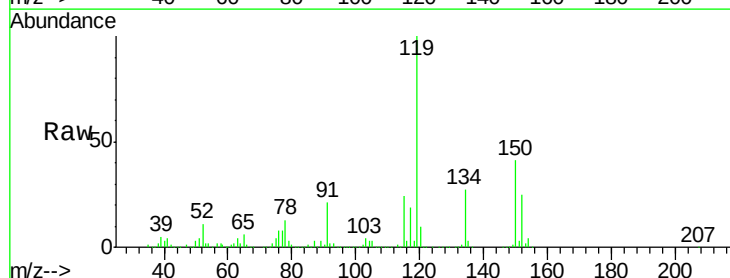
Tgt Ion:119 Resp: 269546

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

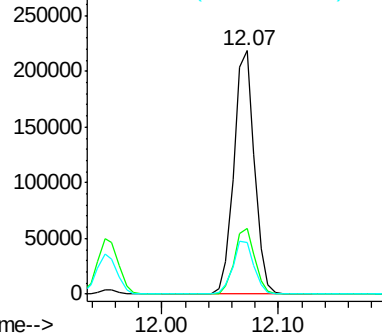
91 22.3 11.2 33.5



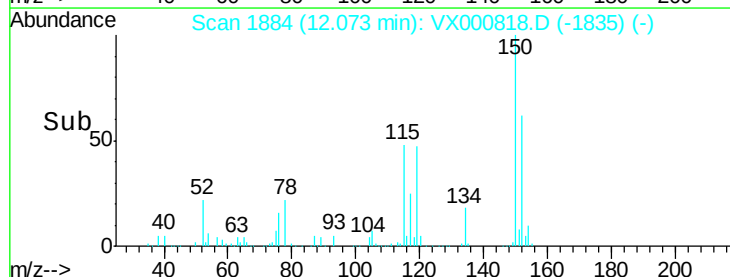
Abundance Ion 119.00 (118.70 to 119.70): V

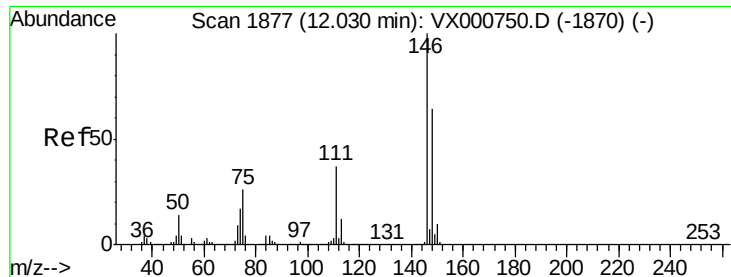
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.74 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

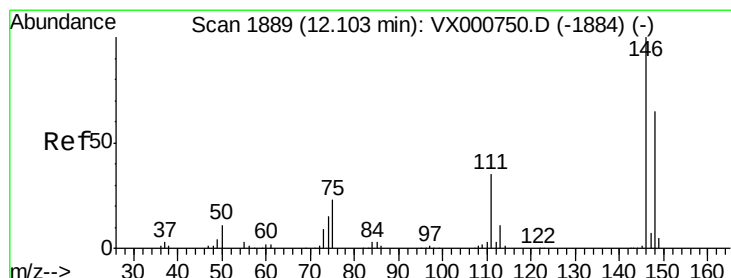
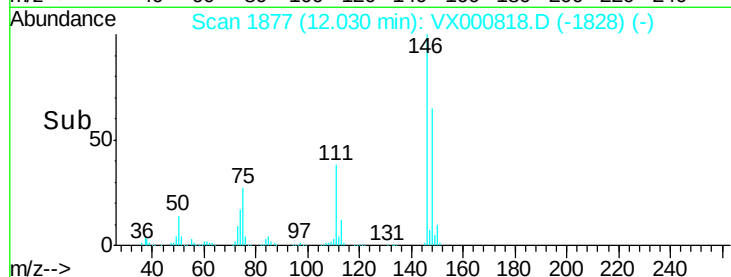
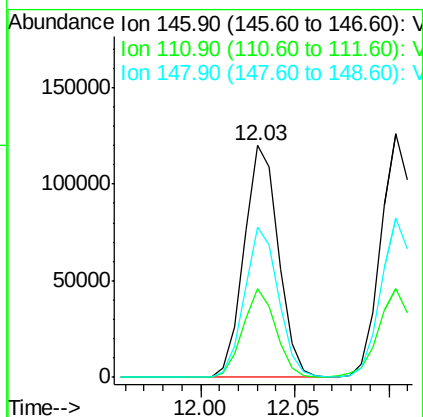
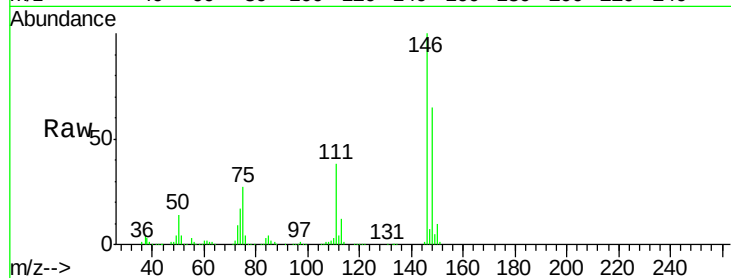
ClientSampleId :

VX0412WBS02

Tot Ion:	146	Resp:	151928
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.3	54.8
148	63.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.52 ug/l

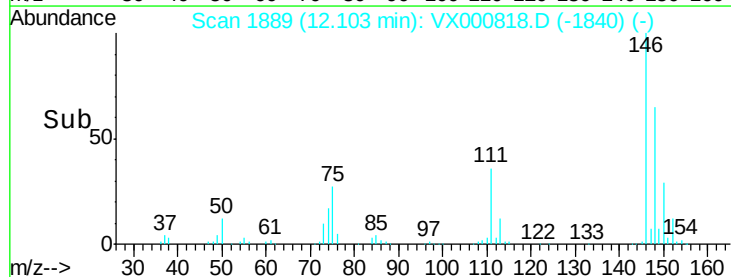
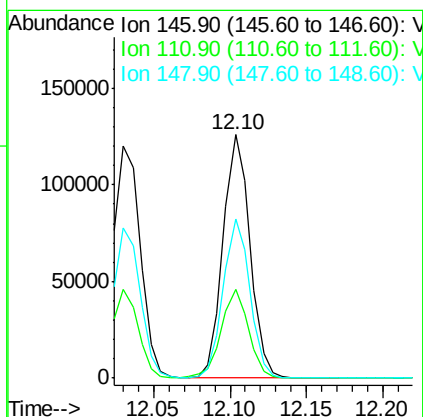
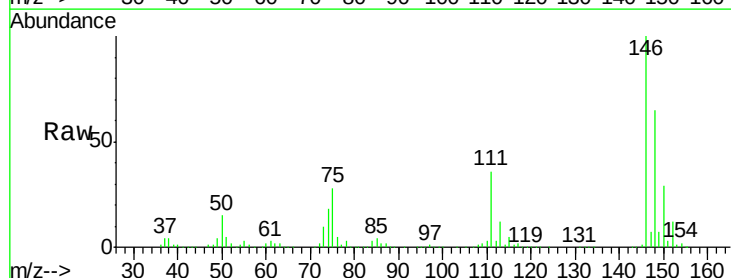
RT: 12.10 min Scan# 1889

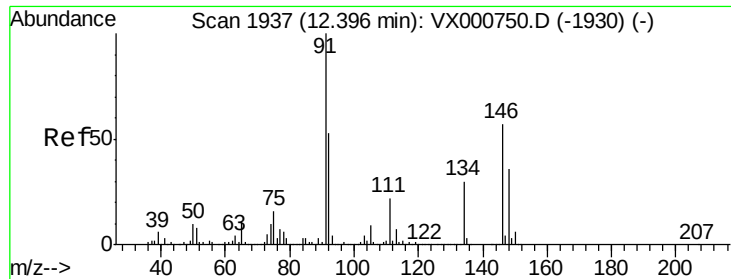
Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	146	Resp:	153971
Ion Ratio	Lower	Upper	
146	100		
111	37.1	17.9	53.8
148	65.2	32.6	97.7





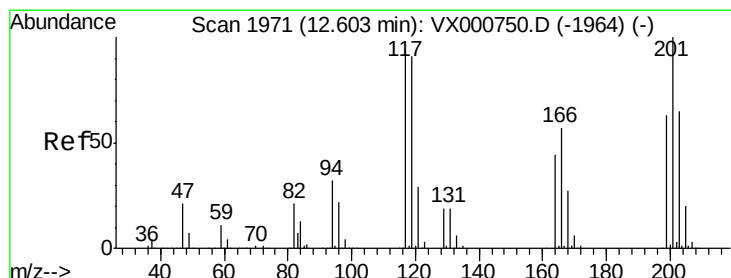
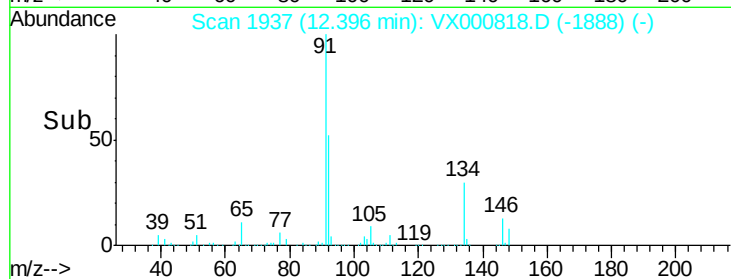
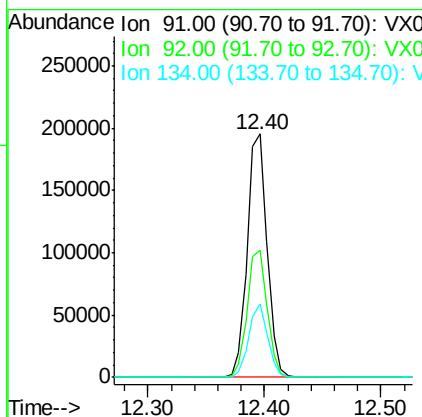
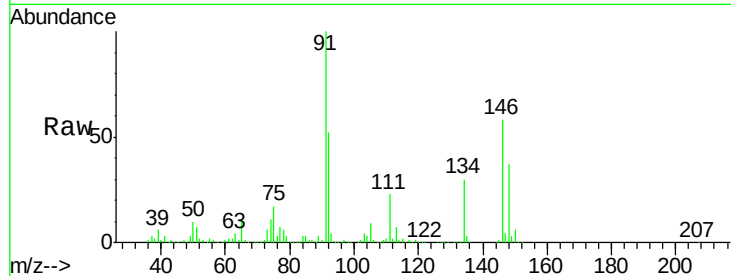
#89
n-Butylbenzene
Concen: 19.27 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	233585		
92	52.8		26.5	79.5
134	28.8		14.5	43.5

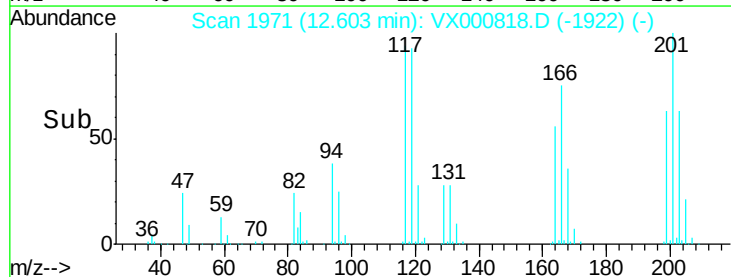
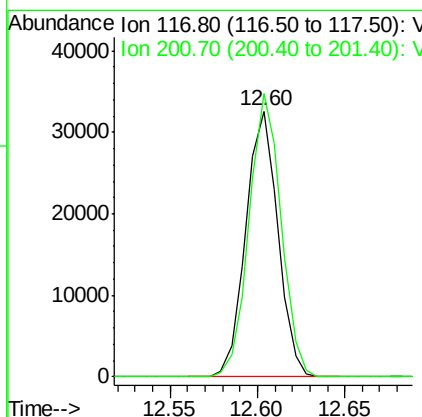
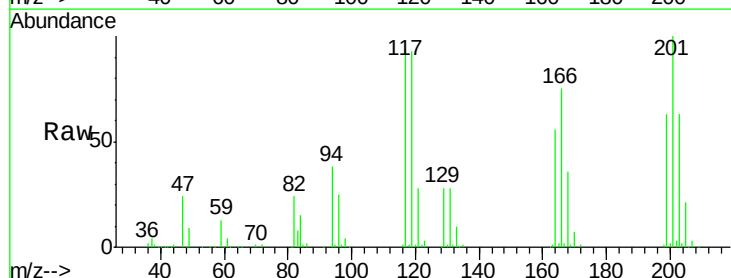
Manual Integrations
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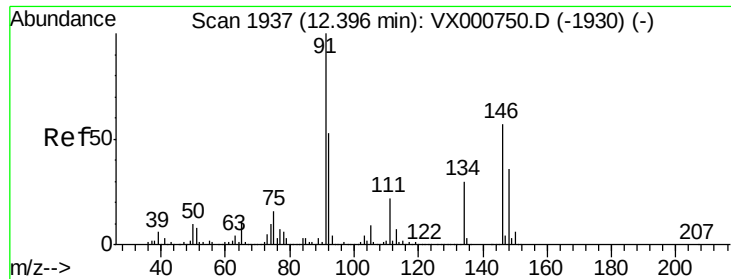
apatel
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#90
Hexachloroethane
Concen: 17.85 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000818.D
Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41490		
201	106.3		52.9	158.7





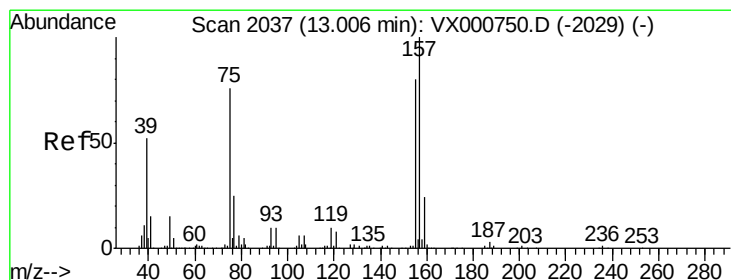
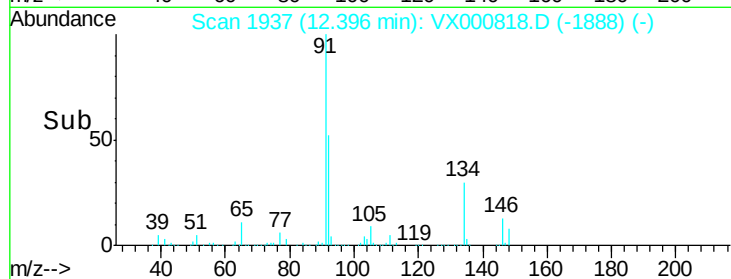
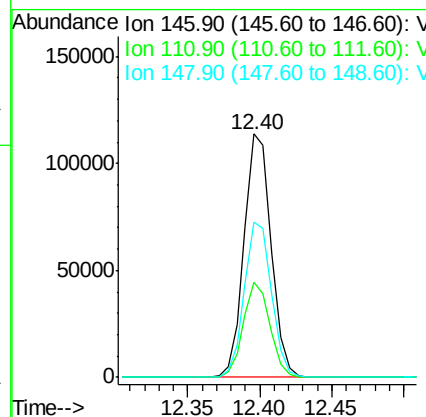
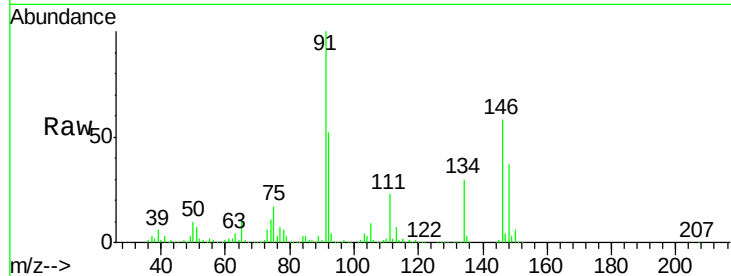
#91
 1,2-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.2	32.0	96.2

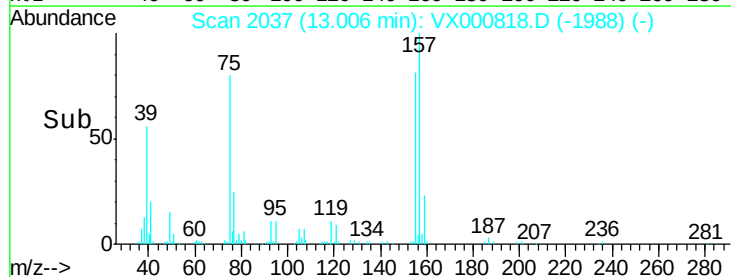
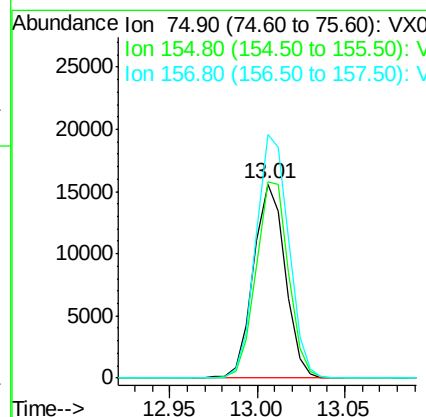
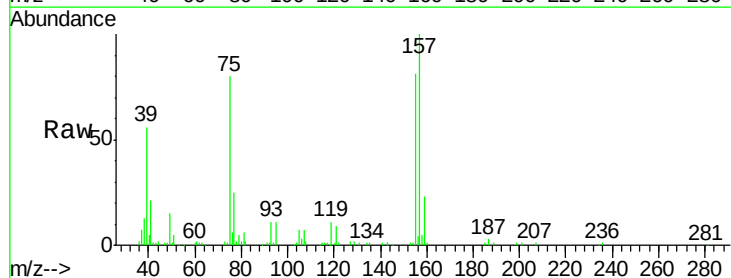
Manual Integrations
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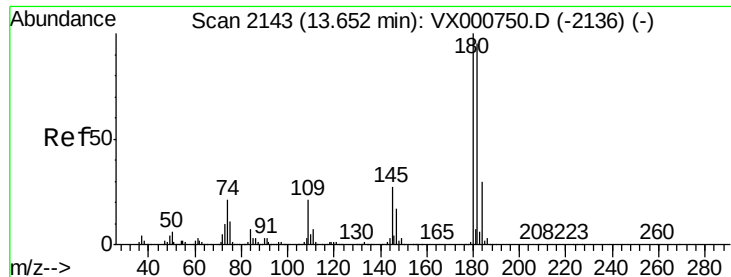
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.8	51.9	155.8
157	129.9	66.6	199.8





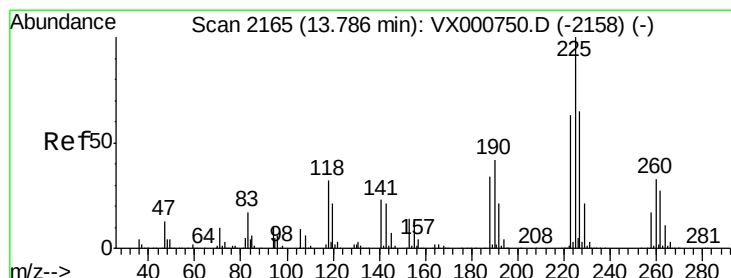
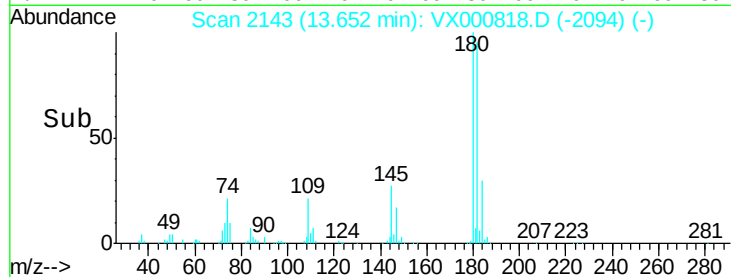
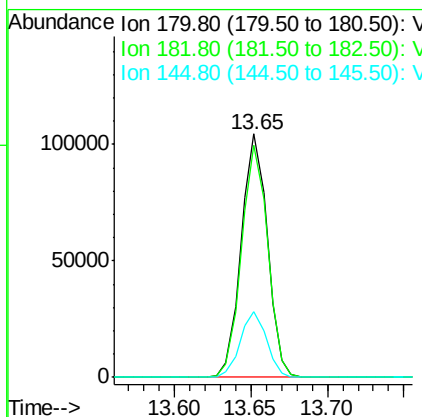
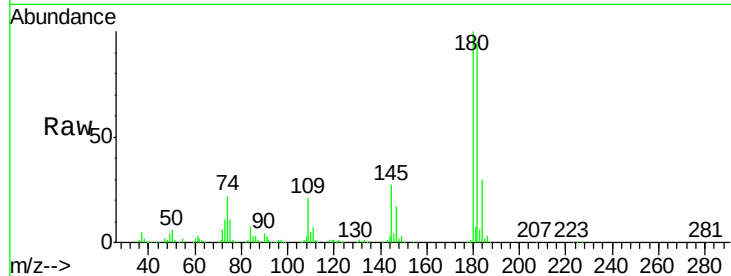
#93
 1,2,4-Trichlorobenzene
 Concen: 19.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123925		
182	95.5	47.5	142.5	
145	27.1	13.8	41.4	

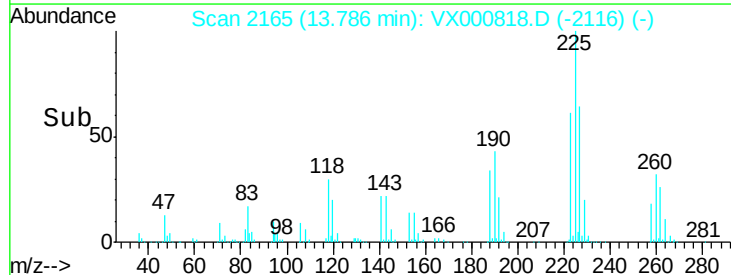
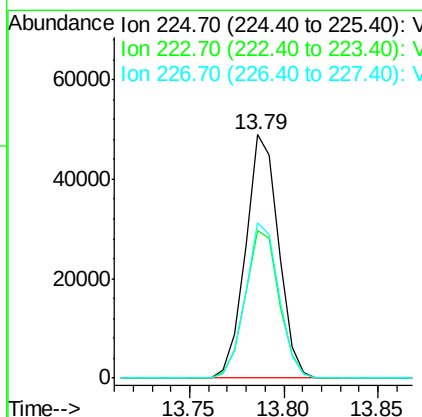
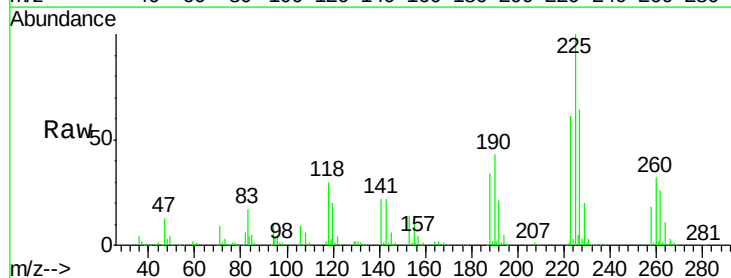
Manual Integrations
 APPROVED

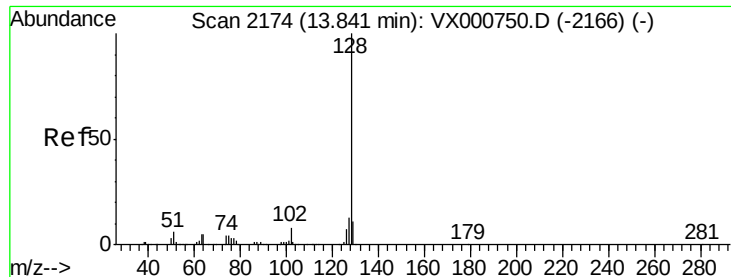
apatel
 4/13/2018 2:58:15 PM



#94
 Hexachlorobutadiene
 Concen: 19.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000818.D
 Acq: 12 Apr 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59329		
223	62.7	31.2	93.6	
227	64.4	32.3	96.9	





#95

Naphthalene

Concen: 20.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Instrument :

MSVOA_X

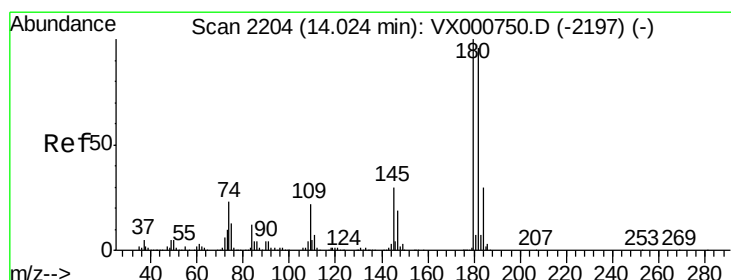
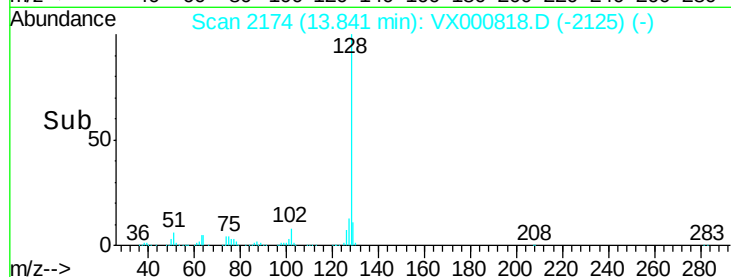
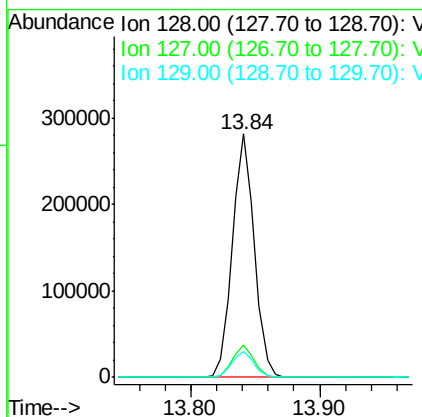
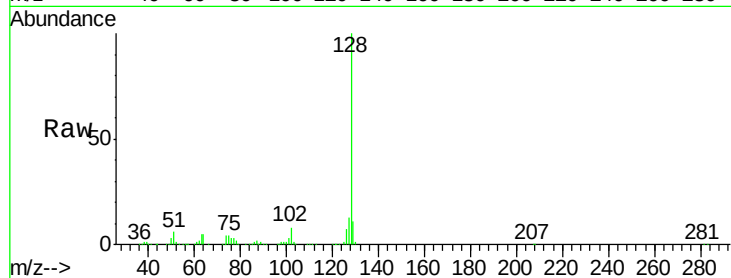
ClientSampleId :

VX0412WBS02

Tot Ion:	128	Resp:	334088
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000818.D

Acq: 12 Apr 2018 22:55

Tgt Ion:	180	Resp:	122377
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.4	145.2
145	29.1	14.6	43.8

