

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003073.D
 Acq On : 30 Jun 2018 12:28
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
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Quant Time: Jul 02 03:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154674	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	5.51	113	126186	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.72	98	458929	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.14	95	176650	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55274	22.99	ug/l	98
3) Chloromethane	1.32	50	53182	20.75	ug/l	97
4) Vinyl Chloride	1.40	62	60103	19.87	ug/l	95
5) Bromomethane	1.64	94	27685	17.86	ug/l	97
6) Chloroethane	1.72	64	38335	20.35	ug/l	99
7) Trichlorofluoromethane	1.93	101	95373	18.69	ug/l	100
8) Diethyl Ether	2.19	74	35376	19.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56032	18.96	ug/l	98
10) Methyl Iodide	2.51	142	39709	17.82	ug/l	99
11) Tert butyl alcohol	3.07	59	66859	90.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49793	18.88	ug/l	95
13) Acrolein	2.29	56	32268	81.93	ug/l	100
14) Allyl chloride	2.73	41	97827	18.82	ug/l	96
15) Acrylonitrile	3.15	53	146825	93.35	ug/l	99
16) Acetone	2.45	43	162169	105.94	ug/l	96
17) Carbon Disulfide	2.57	76	127758	18.18	ug/l	99
18) Methyl Acetate	2.78	43	72167	16.86	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	178479	18.82	ug/l	100
20) Methylene Chloride	2.86	84	56857	19.09	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53243	18.53	ug/l	92
22) Diisopropyl ether	3.87	45	187561	18.87	ug/l	96
23) Vinyl Acetate	3.82	43	807964	96.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103317	19.13	ug/l	98
25) 2-Butanone	4.70	43	218533	96.19	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82834	18.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60873	18.90	ug/l	98
28) Bromochloromethane	5.02	49	52259	20.21	ug/l	93
29) Tetrahydrofuran	5.16	42	129440	88.85	ug/l	97
30) Chloroform	5.21	83	104673	18.88	ug/l	98
31) Cyclohexane	5.57	56	85112	18.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	91250	18.71	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74329	19.23	ug/l	97
37) Ethyl Acetate	4.85	43	80376	19.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	80195	18.91	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84109	18.68	ug/l	97
40) Benzene	6.15	78	222077	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	45756	19.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87165	19.21	ug/l	99
43) Isopropyl Acetate	6.46	43	126963	18.19	ug/l	98
44) Trichloroethene	7.21	130	66649	19.90	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58849	19.75	ug/l	100
46) Dibromomethane	7.67	93	39911	19.30	ug/l	96
47) Bromodichloromethane	7.90	83	74388	19.46	ug/l	99
48) Methyl methacrylate	7.78	41	66411	18.47	ug/l	97
49) 1,4-Dioxane	7.76	88	25902	370.17	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	416099	95.28	ug/l	97
52) Toluene	8.79	92	145028	20.16	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85470	19.74	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77703	18.66	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59895	20.26	ug/l	97
56) Ethyl methacrylate	9.18	69	85944	19.89	ug/l	94
57) 1,3-Dichloropropane	9.37	76	96015	19.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	325774	156.28	ug/l	97
59) 2-Hexanone	9.50	43	322830	97.27	ug/l	97
60) Dibromochloromethane	9.59	129	60978	19.59	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62140	20.04	ug/l	100
64) Tetrachloroethene	9.34	164	73816	19.75	ug/l	96
65) Chlorobenzene	10.14	112	167907	19.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60944	19.65	ug/l	100
67) Ethyl Benzene	10.26	91	281535	19.97	ug/l	99
68) m/p-Xylenes	10.36	106	217235	39.97	ug/l	98
69) o-Xylene	10.70	106	105232	19.89	ug/l	97
70) Styrene	10.71	104	172944	20.11	ug/l	99
71) Bromoform	10.86	173	45281	18.80	ug/l #	100
73) Isopropylbenzene	11.02	105	286144	20.31	ug/l	100
74) N-amyl acetate	6.46	43	126963	18.42	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	85546	19.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76910m	20.28	ug/l	
77) Bromobenzene	11.26	156	80648	20.10	ug/l	97
78) n-propylbenzene	11.36	91	323690	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	195237	20.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237881	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20020	17.65	ug/l	91
82) 4-Chlorotoluene	11.51	91	228316	19.87	ug/l	98
83) tert-Butylbenzene	11.77	119	234599	20.06	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	246337	20.04	ug/l	99
85) sec-Butylbenzene	11.95	105	280961	19.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	253378	19.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146911	20.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149027	19.76	ug/l	99
89) n-Butylbenzene	12.39	91	212928	19.18	ug/l	99
90) Hexachloroethane	12.60	117	33140	17.47	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	147378	19.93	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17117	17.55	ug/l	97

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ClientSampleId :
VX0630WBS01

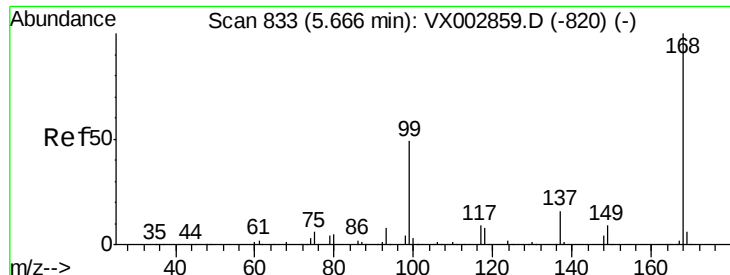
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105806	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	53270	19.84	ug/l	98
95) Naphthalene	13.84	128	280963	19.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105807	19.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion:168 Resp: 267431

Ion Ratio Lower Upper

168 100

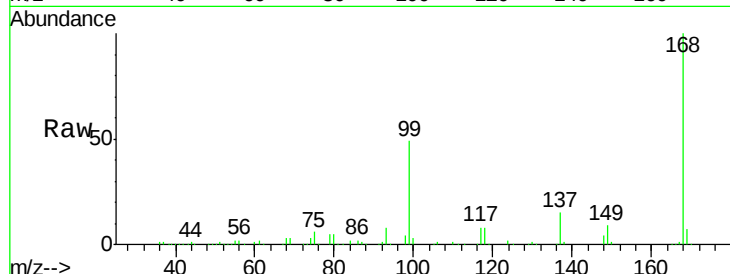
99 48.6 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

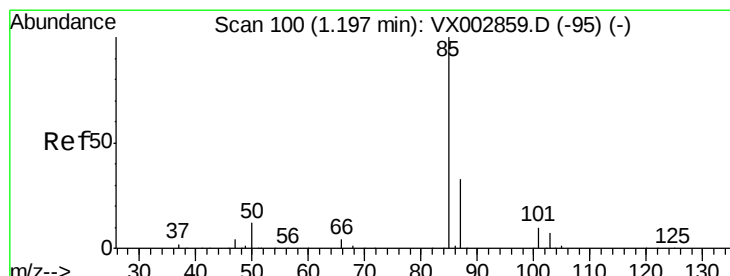
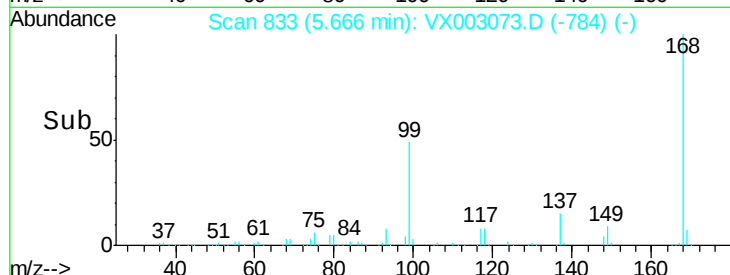
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003073.D

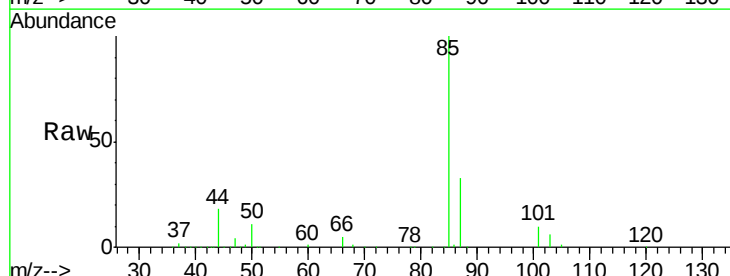
Acq: 30 Jun 2018 12:28

Tgt Ion: 85 Resp: 55274

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

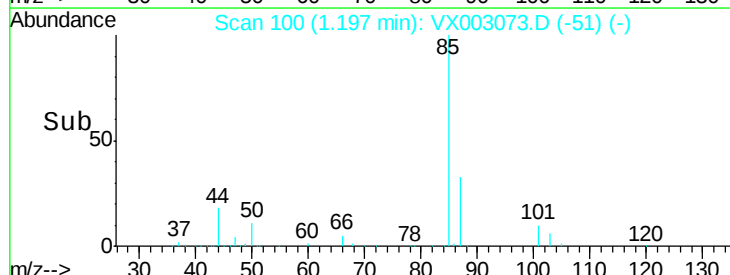
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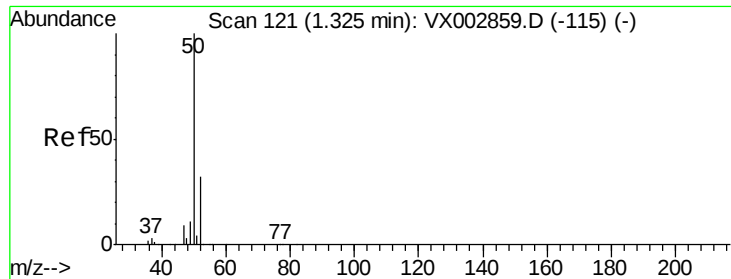
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 50 Resp: 53182

Ion Ratio Lower Upper

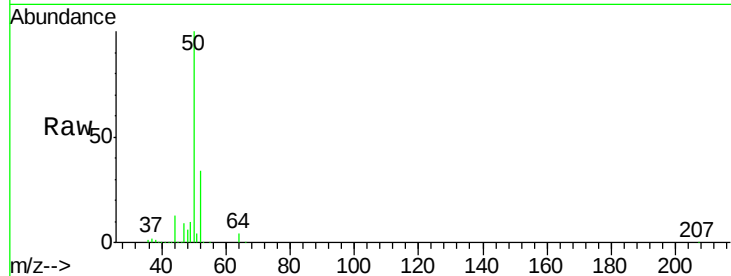
50 100

52 33.9 25.7 38.5

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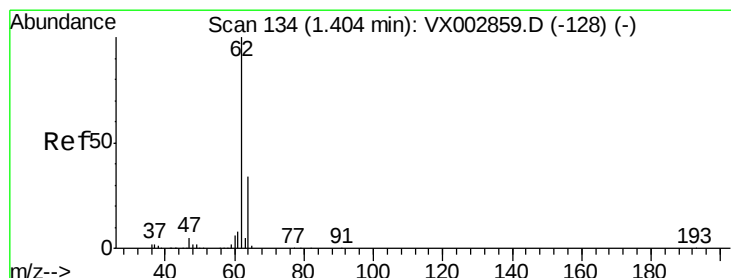
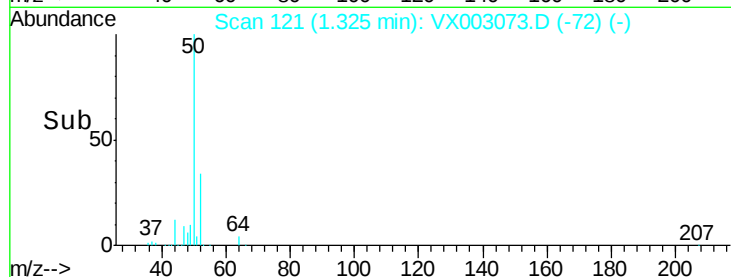
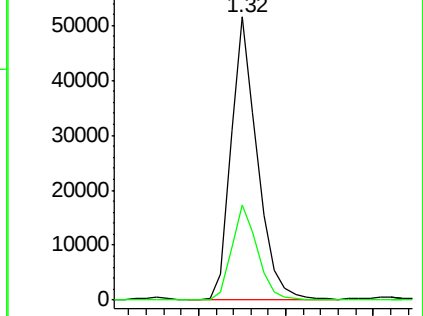
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003073.D

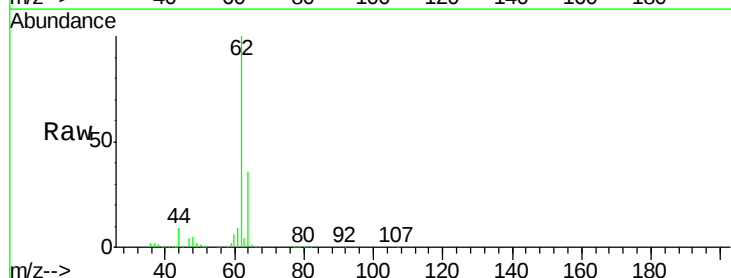
Acq: 30 Jun 2018 12:28

Tgt Ion: 62 Resp: 60103

Ion Ratio Lower Upper

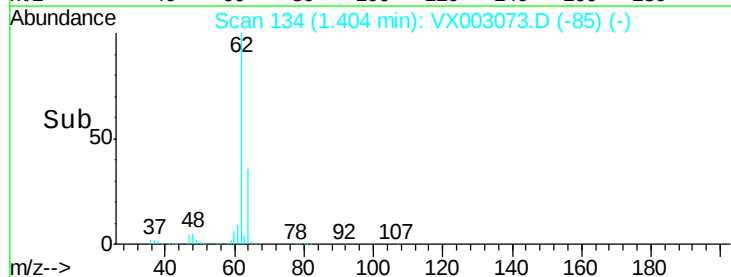
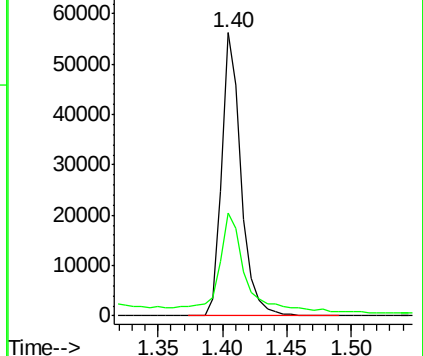
62 100

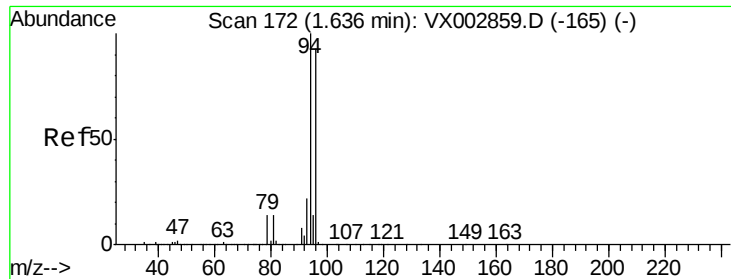
64 34.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





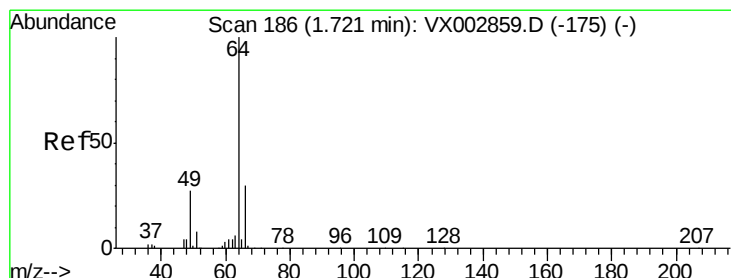
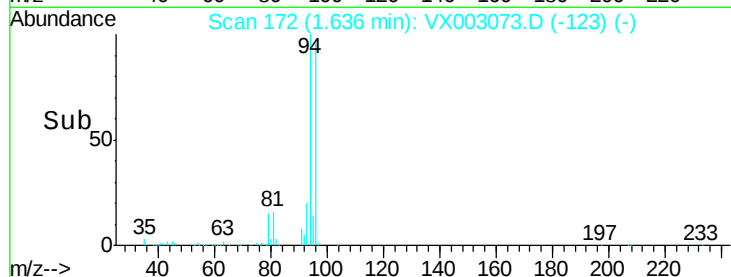
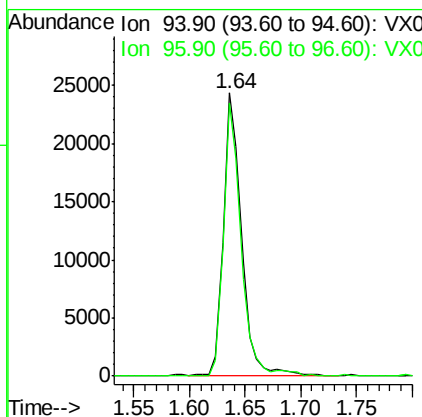
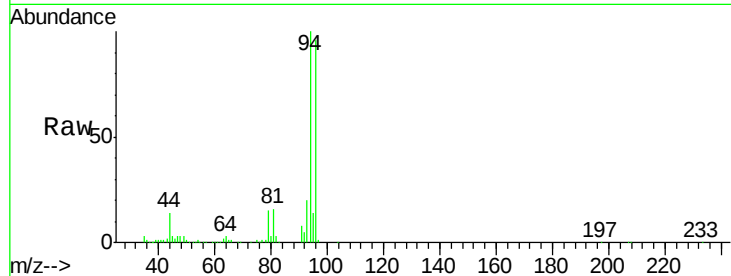
#5
Bromomethane
Concen: 17.86 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

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Tot Ion	Ratio	Lower	Upper
94	100		
96	96.1	74.9	112.3

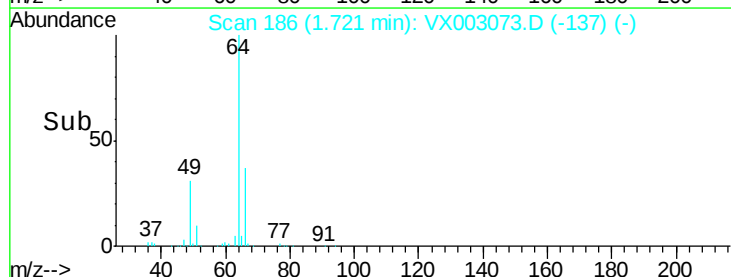
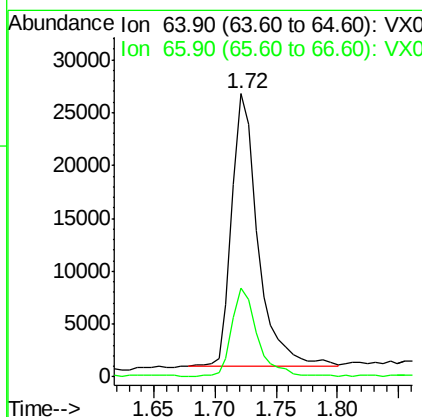
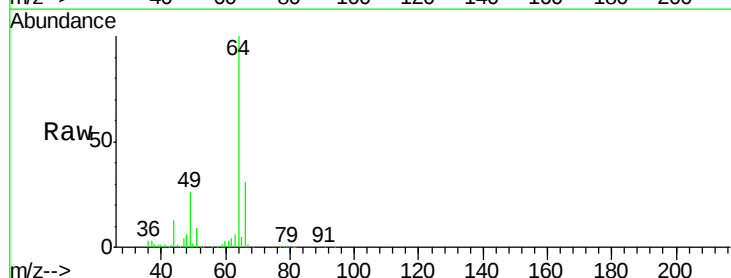
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#6
Chloroethane
Concen: 20.35 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.5	38.3





#7

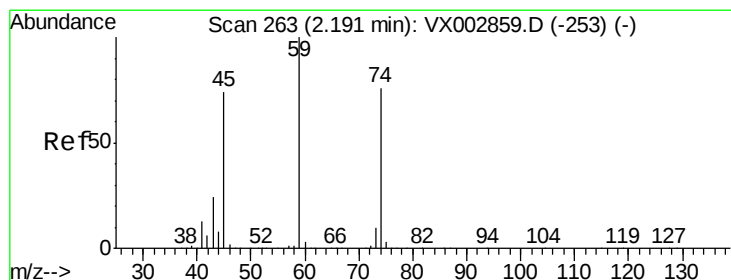
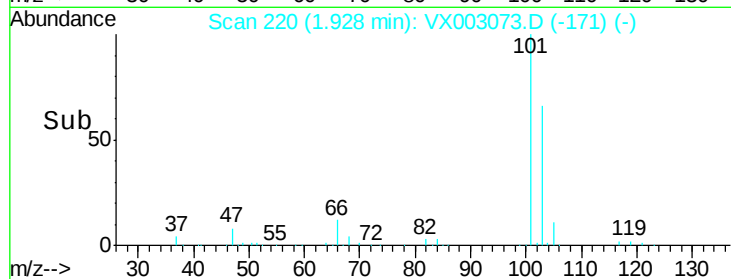
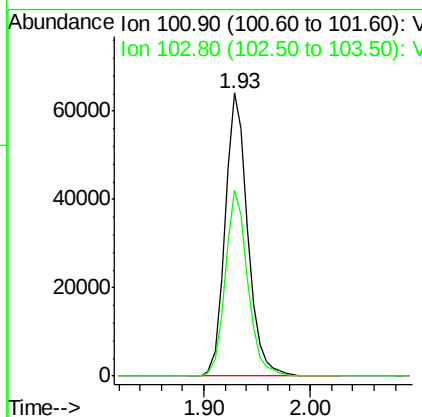
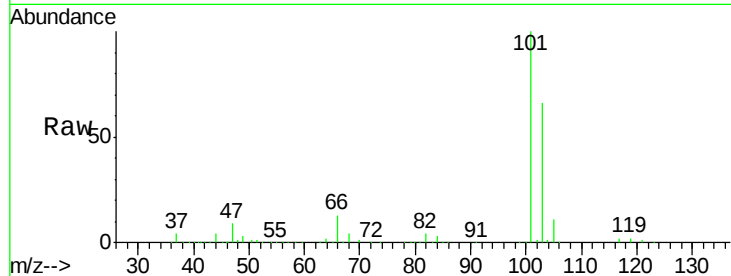
Trichlorofluoromethane
Concen: 18.69 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.8	79.2

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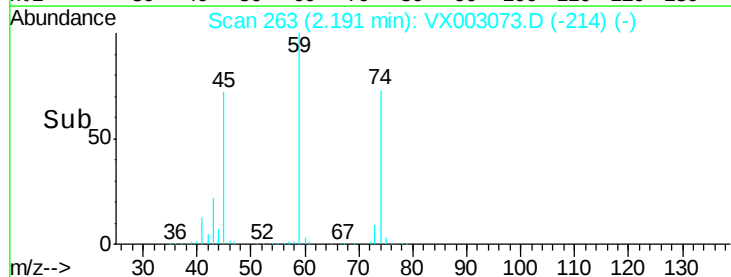
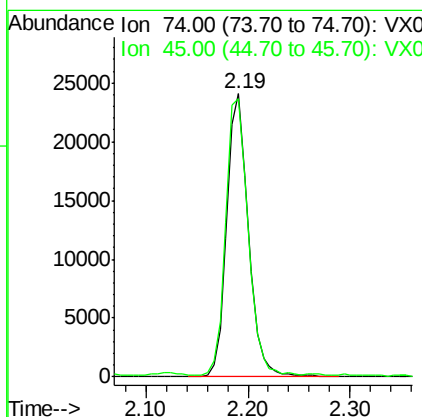
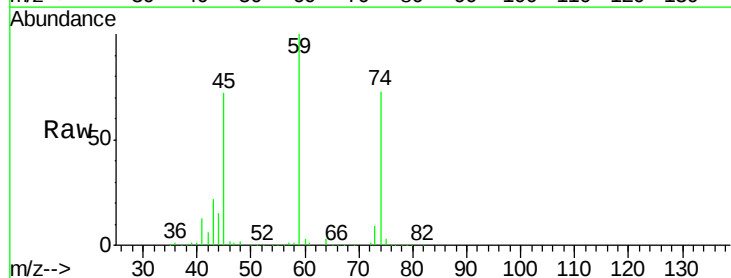
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#8

Diethyl Ether
Concen: 19.07 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

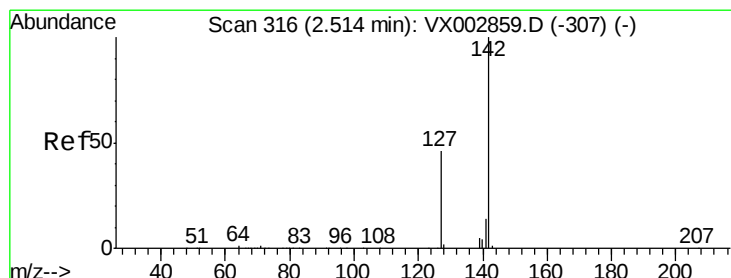
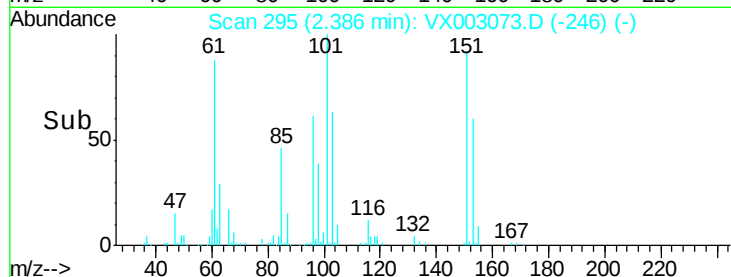
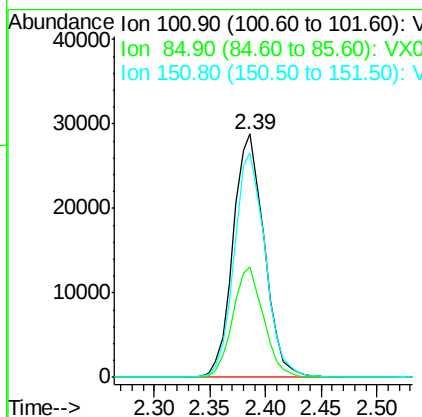
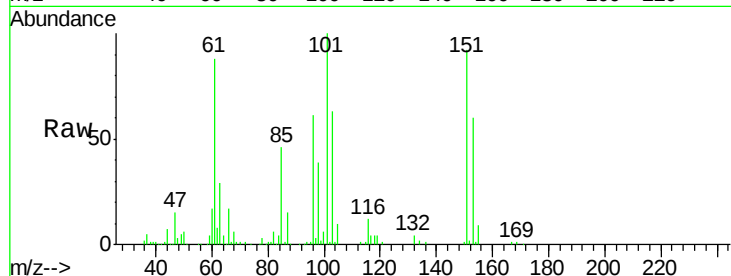
ClientSampleId :

VX0630WBS01

Tot Ion:	101	Resp:	56032
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	91.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.82 ug/l

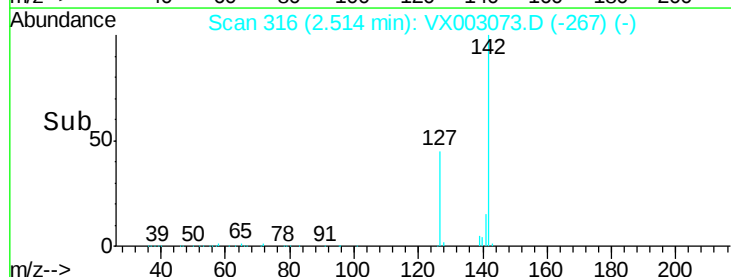
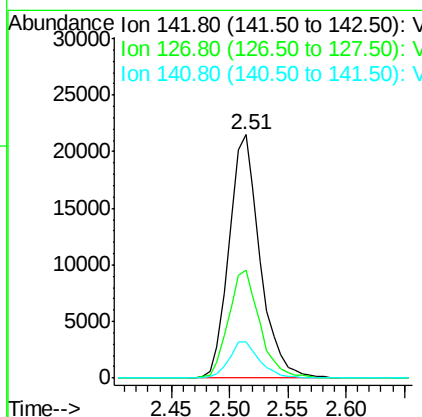
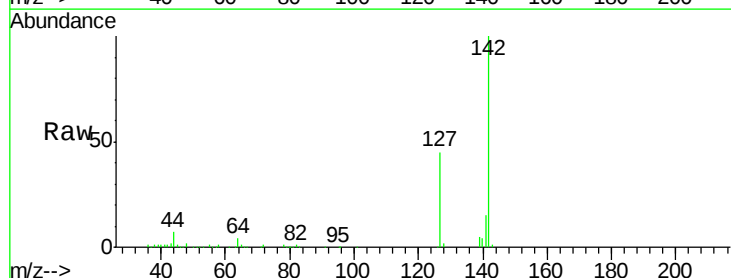
RT: 2.51 min Scan# 316

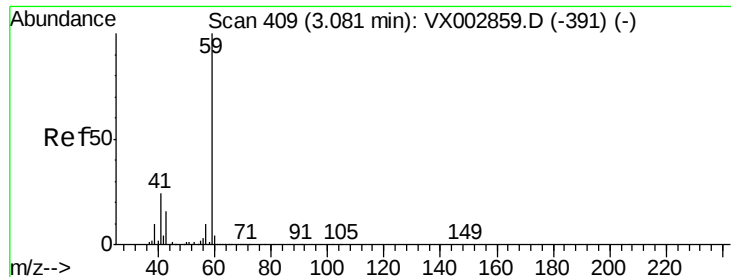
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	142	Resp:	39709
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.6	55.0
141	14.8	11.3	16.9





#11

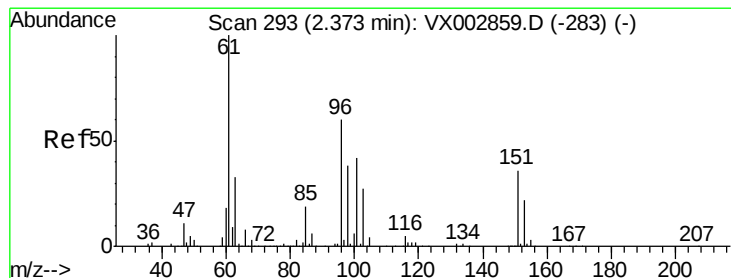
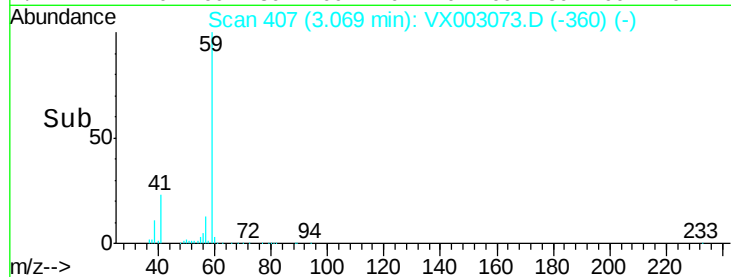
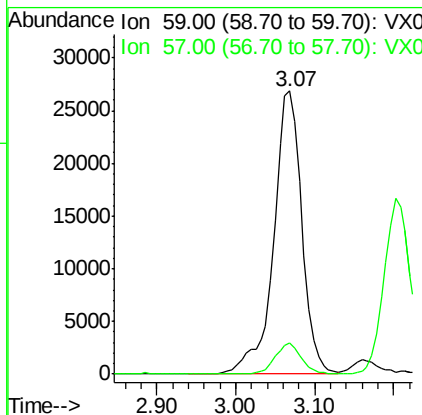
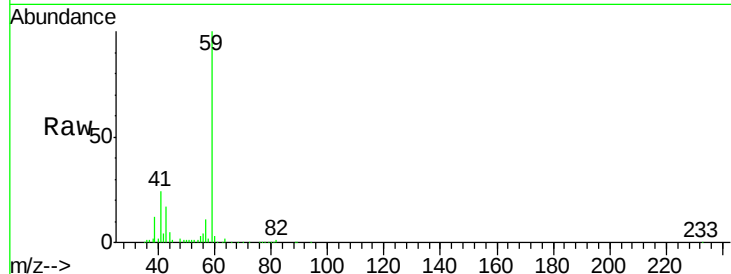
Tert butyl alcohol
 Concen: 90.80 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	59	57	Ratio	100	10.3	Resp:	66859	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.3	Resp:	66859	Lower	8.2	Upper	12.2

Manual Integrations
 APPROVED

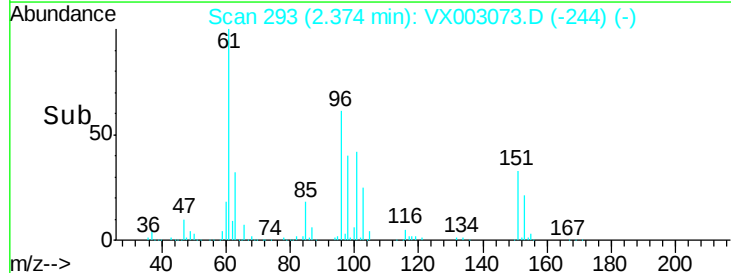
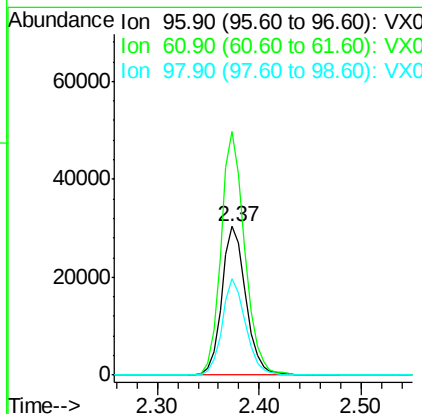
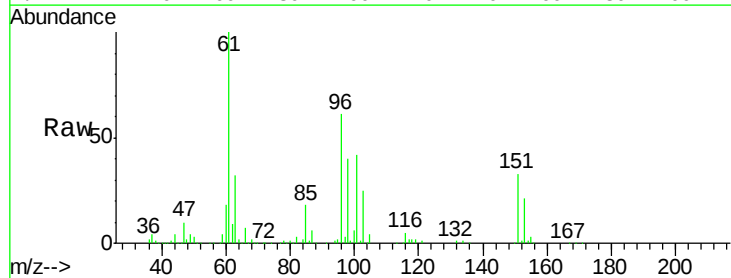
apatel
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#12

1,1-Dichloroethene
 Concen: 18.88 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	96	61	98	Ratio	100	164.0	65.0	Resp:	49793	Lower	137.9	51.6	Upper	206.9	77.4
Ion	96	61	98	Ratio	100	164.0	65.0	Resp:	49793	Lower	137.9	51.6	Upper	206.9	77.4





#13

Acrolein

Concen: 81.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 56 Resp: 32268

Ion Ratio Lower Upper

56 100

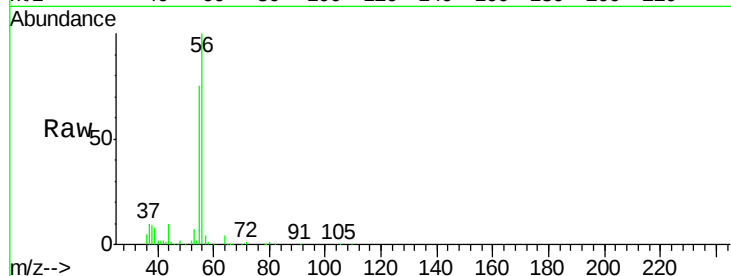
55 71.0 57.0 85.4

Manual Integrations

APPROVED

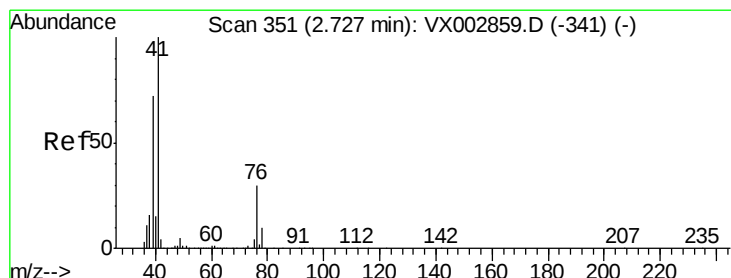
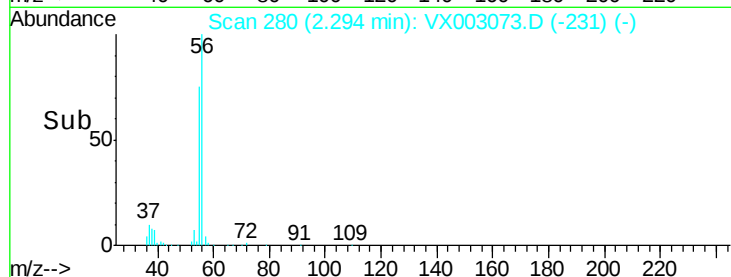
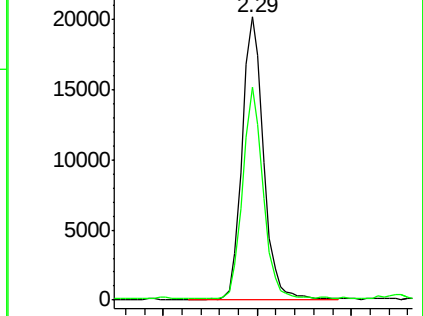
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

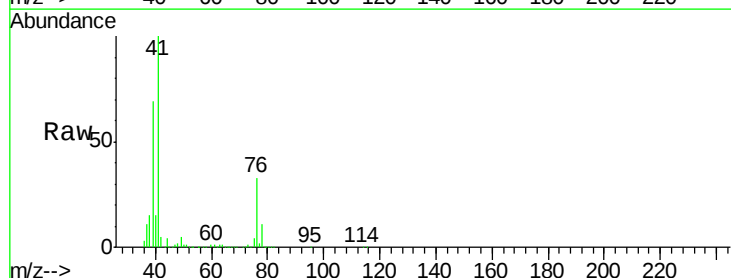
Tgt Ion: 41 Resp: 97827

Ion Ratio Lower Upper

41 100

39 66.8 56.8 85.2

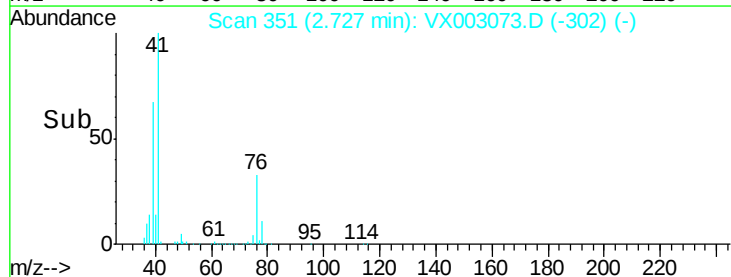
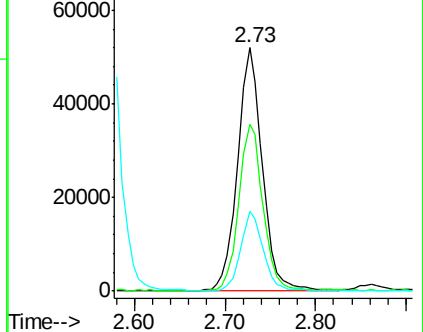
76 30.5 23.8 35.8

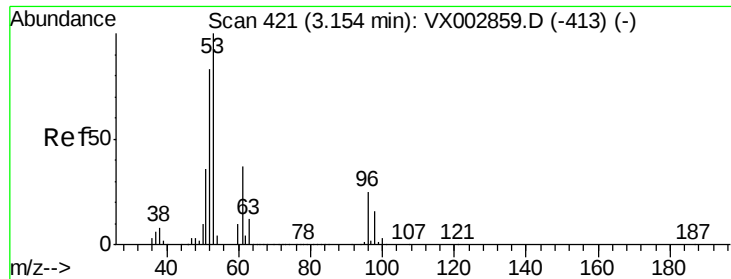


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.35 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

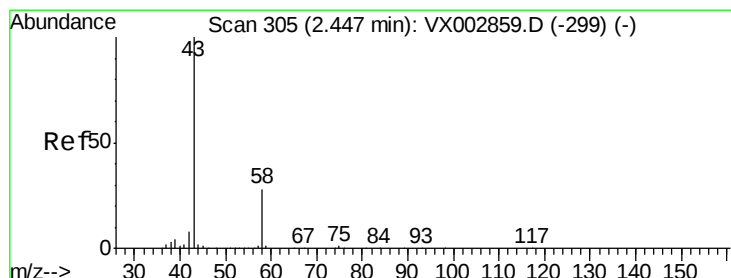
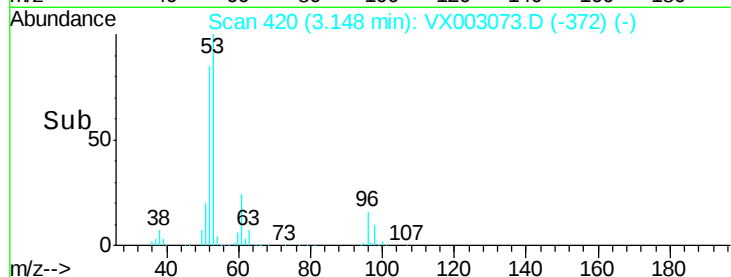
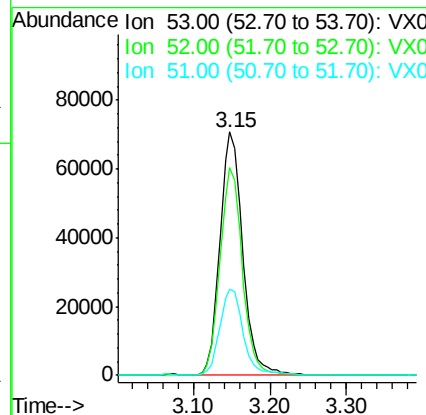
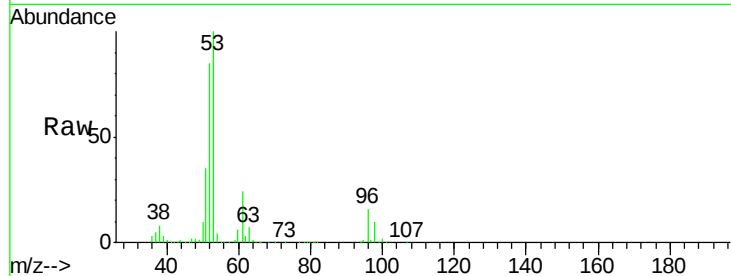
ClientSampled :

VX0630WBS01

Tot Ion:	53	Resp:	146825
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.7	100.1
51	36.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 105.94 ug/l

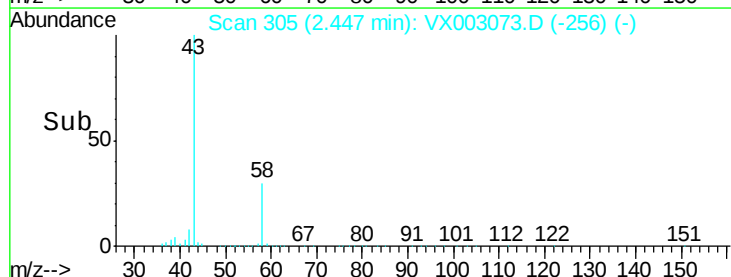
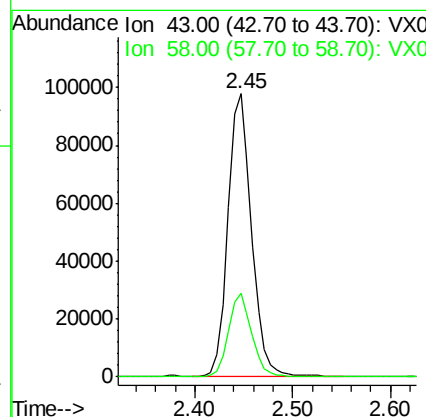
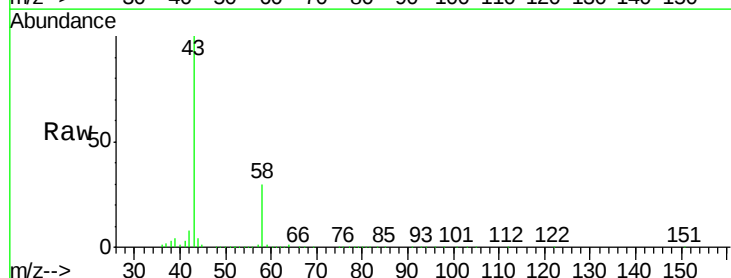
RT: 2.45 min Scan# 305

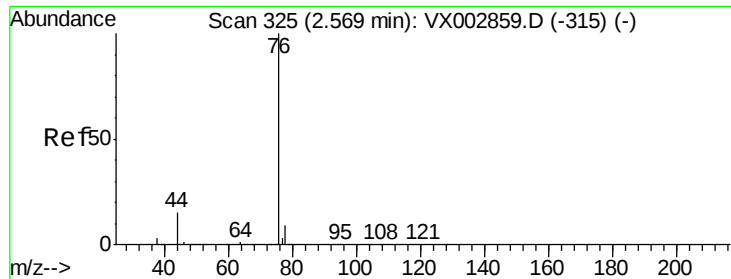
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	43	Resp:	162169
Ion Ratio	Lower	Upper	
43	100		
58	29.8	22.1	33.1





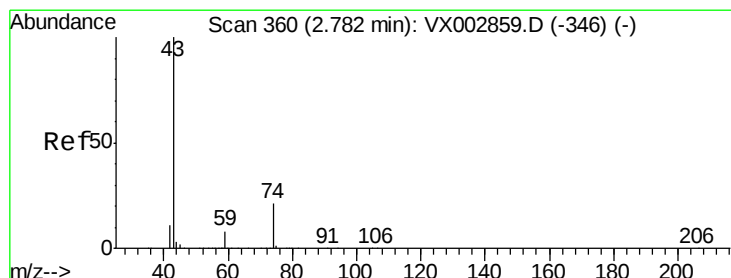
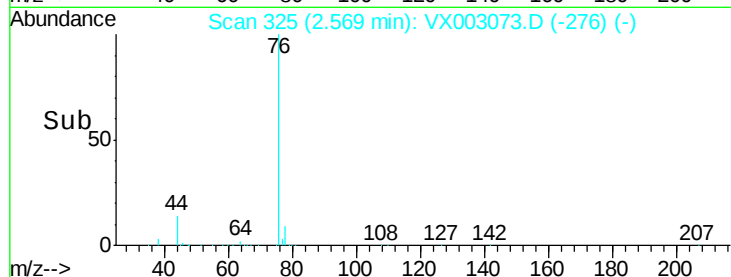
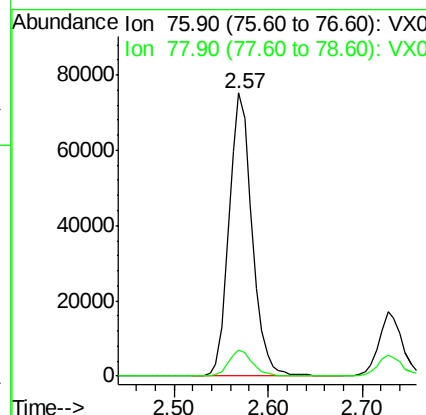
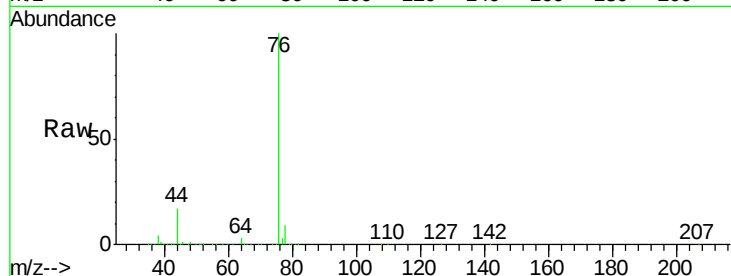
#17
Carbon Disulfide
Concen: 18.18 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

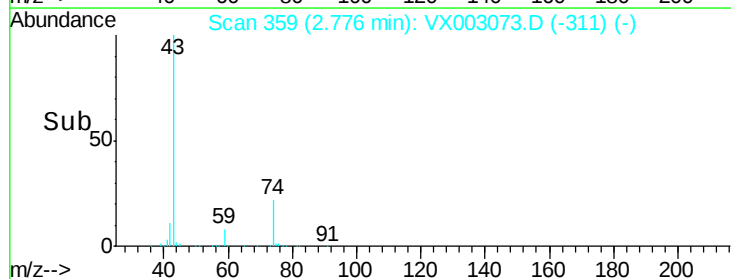
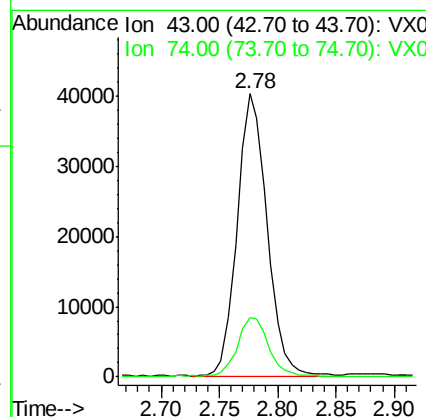
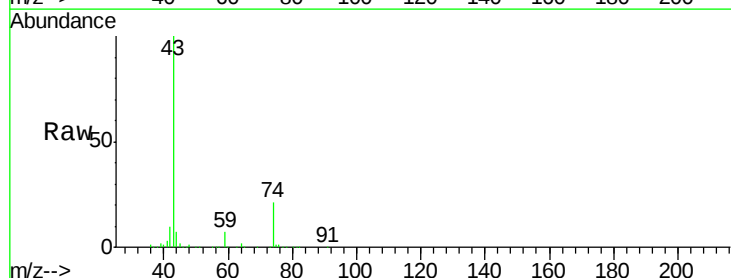
Manual Integrations
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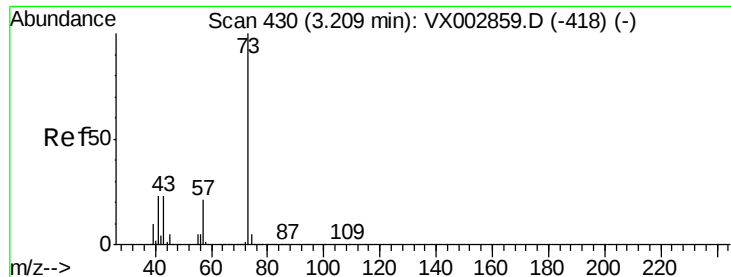
apatel
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#18
Methyl Acetate
Concen: 16.86 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1





#19

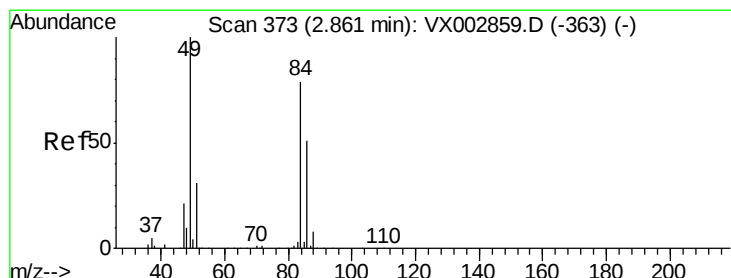
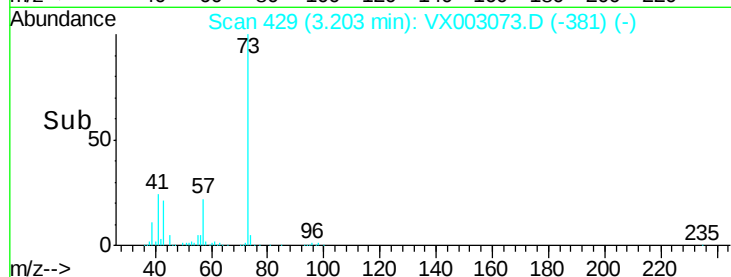
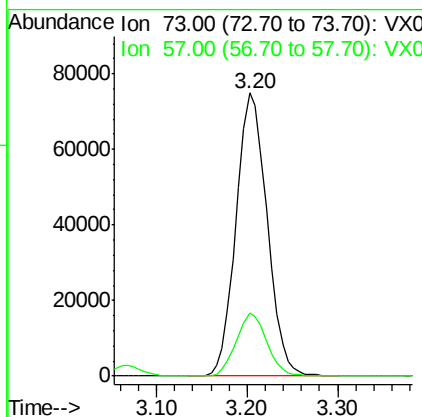
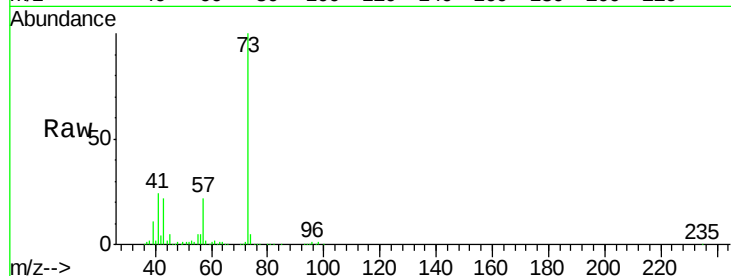
Methyl tert-butyl Ether
 Concen: 18.82 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

Manual Integrations
 APPROVED

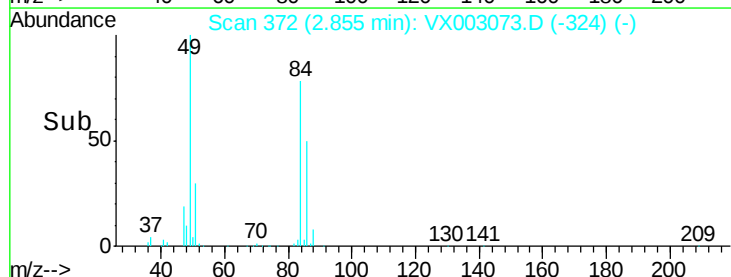
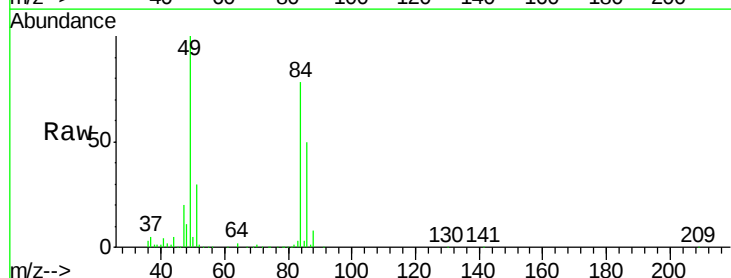
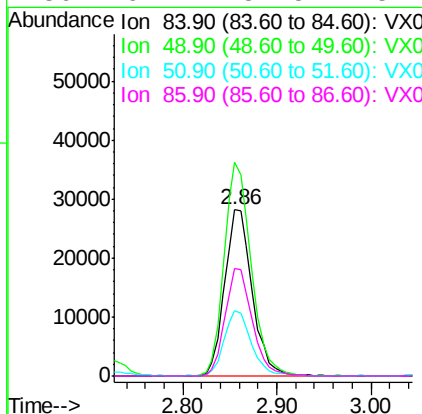
apatel
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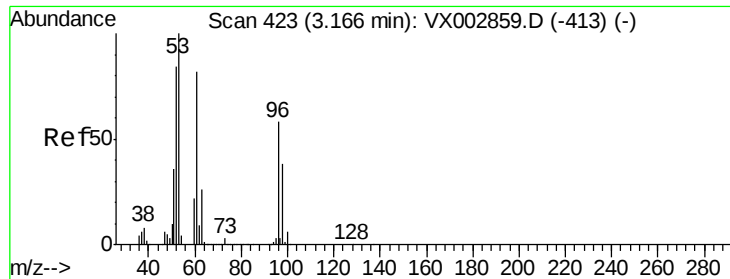


#20

Methylene Chloride
 Concen: 19.09 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	107.8	161.6
51	38.7	32.8	49.2
86	64.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

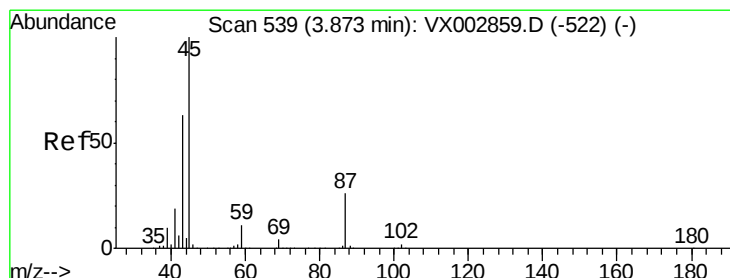
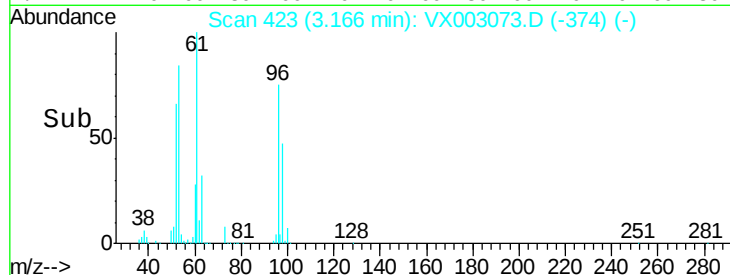
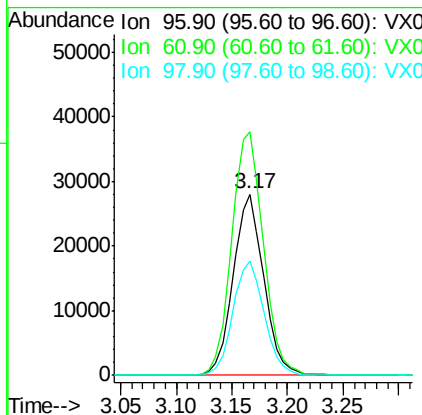
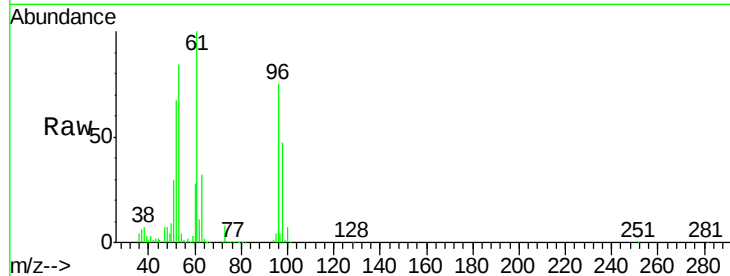
ClientSampleId :

VX0630WBS01

Tot Ion:	96	Resp:	53243
Ion	Ratio	Lower	Upper
96	100		
61	134.2	117.0	175.4
98	63.1	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.87 ug/l

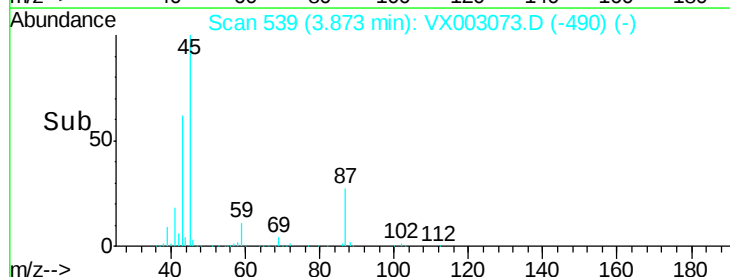
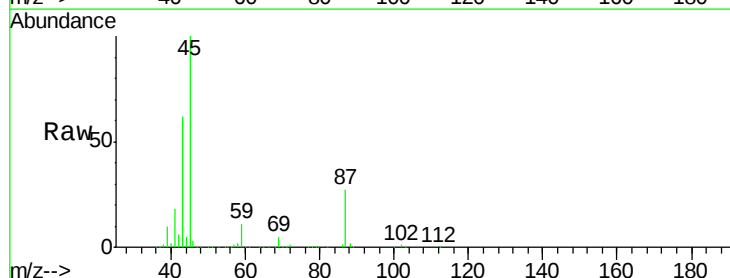
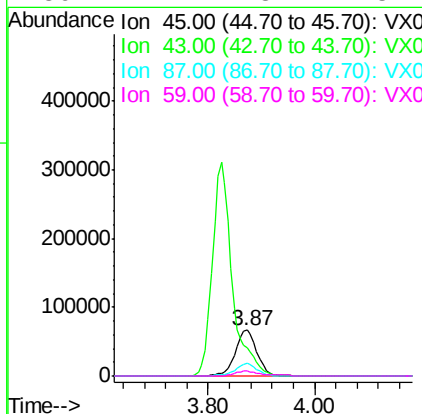
RT: 3.87 min Scan# 539

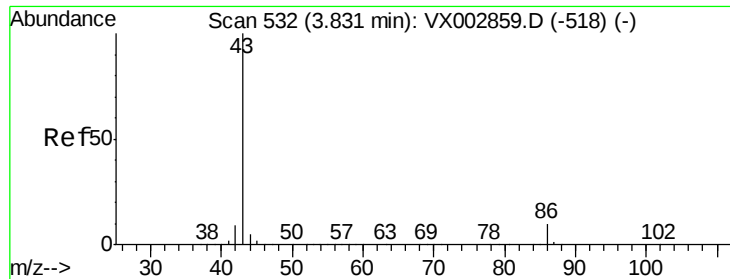
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	45	Resp:	187561
Ion	Ratio	Lower	Upper
45	100		
43	62.2	46.8	70.2
87	26.7	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 96.01 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 43 Resp: 807964

Ion Ratio Lower Upper

43 100

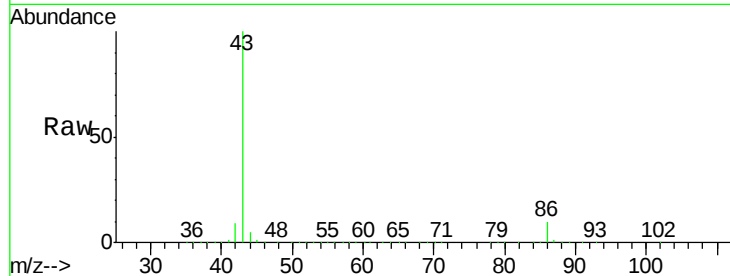
86 9.5 7.4 11.0

Manual Integrations

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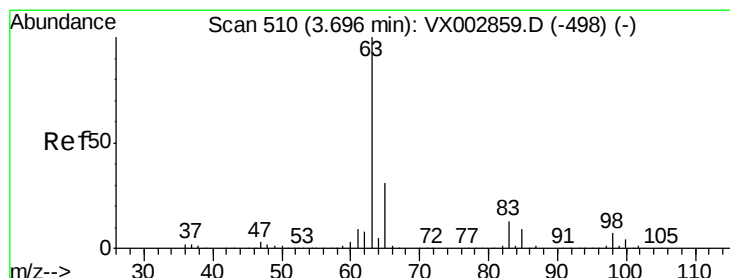
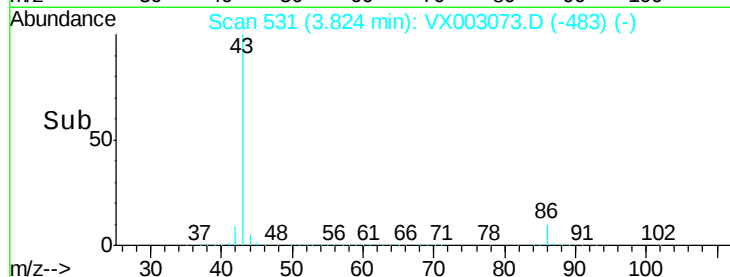
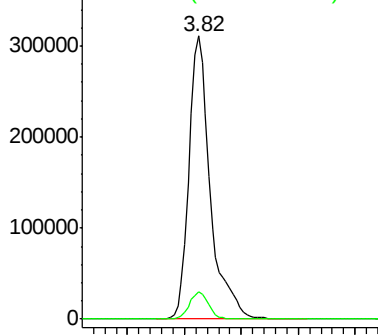
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

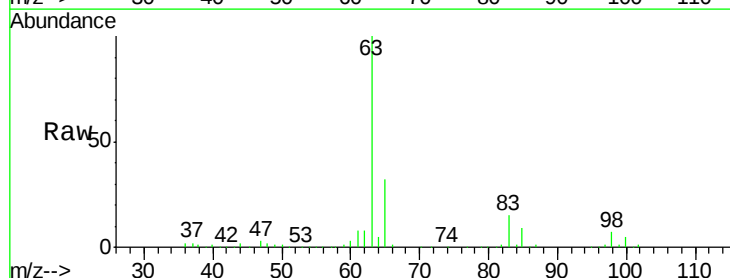
Tgt Ion: 63 Resp: 103317

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

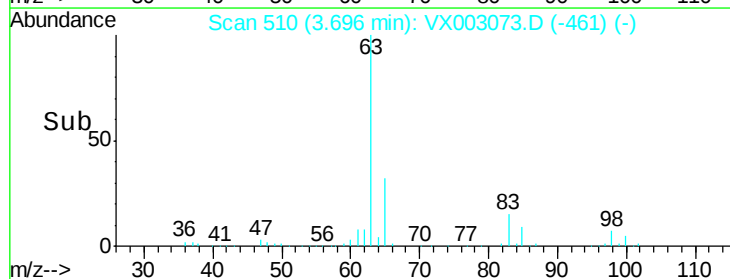
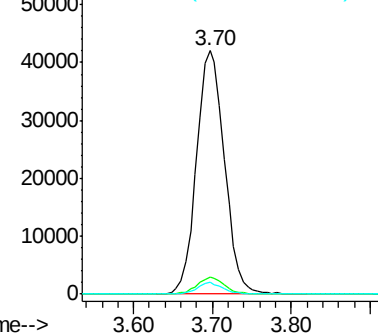
100 5.1 2.0 6.0

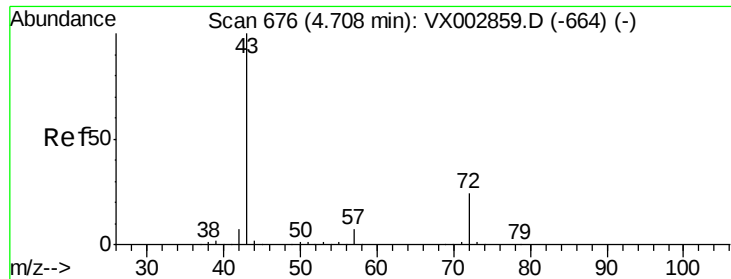


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.19 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 43 Resp: 218533

Ion Ratio Lower Upper

43 100

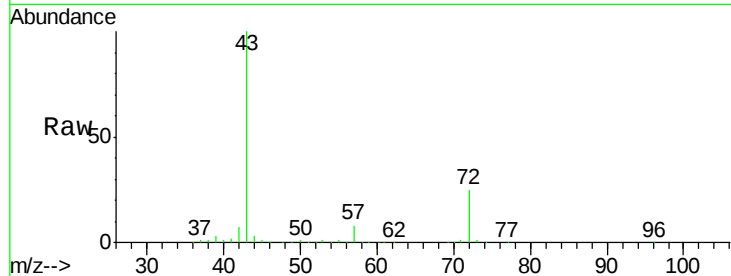
72 24.5 18.5 27.7

Manual Integrations

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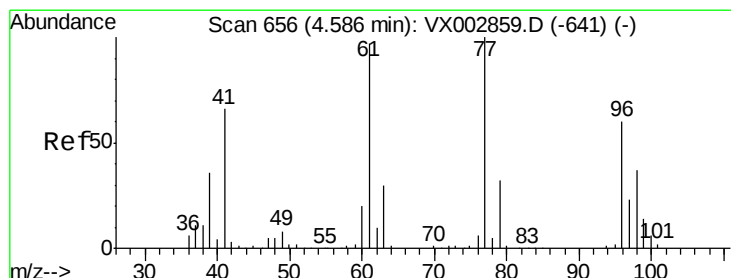
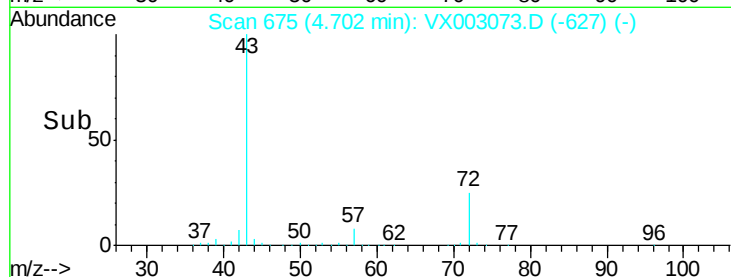
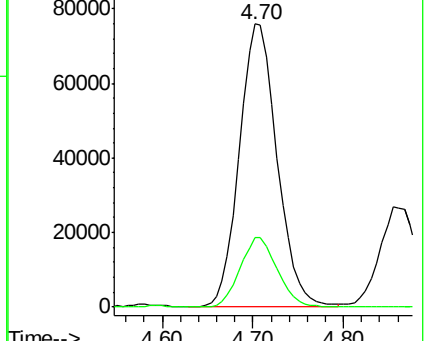
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003073.D

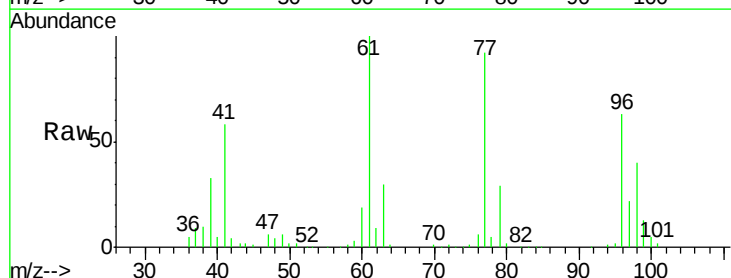
Acq: 30 Jun 2018 12:28

Tgt Ion: 77 Resp: 82834

Ion Ratio Lower Upper

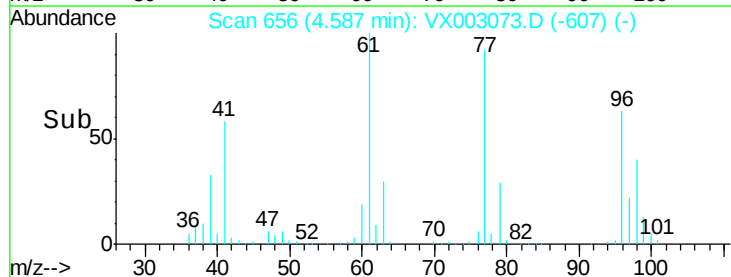
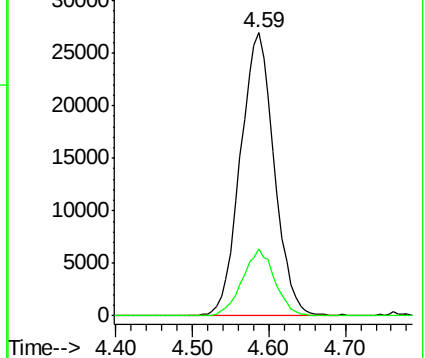
77 100

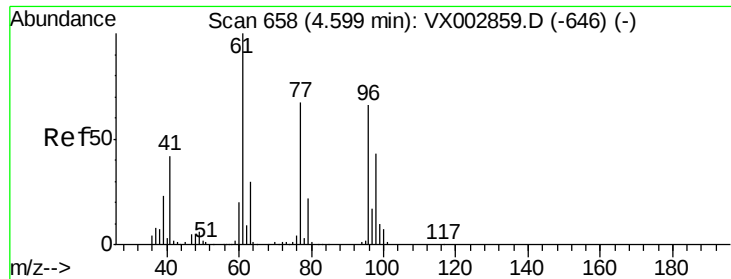
97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

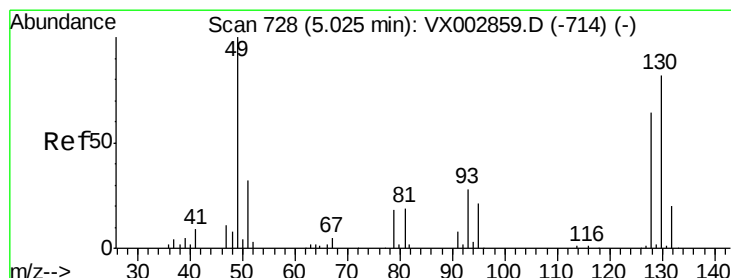
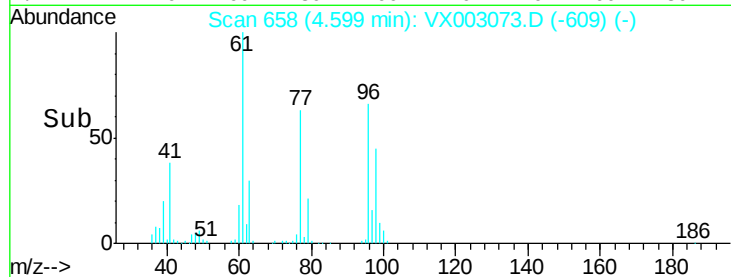
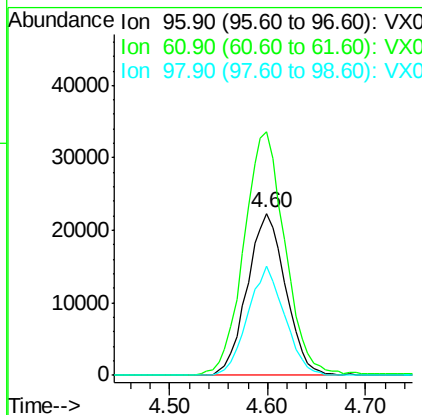
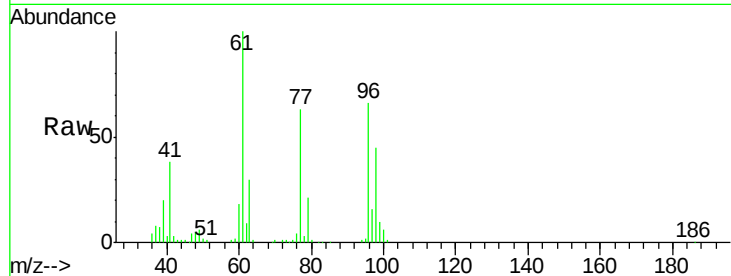
cis-1,2-Dichloroethene
Concen: 18.90 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	330.2
98	65.1	0.0	130.2

Manual Integrations
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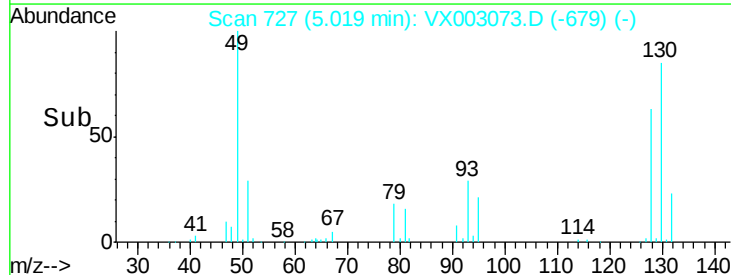
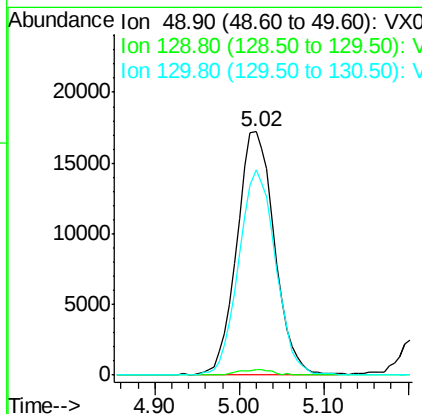
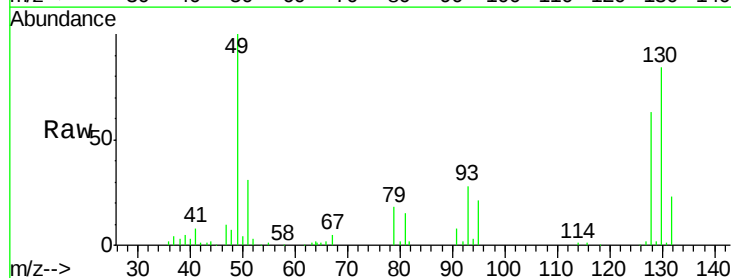
apatel
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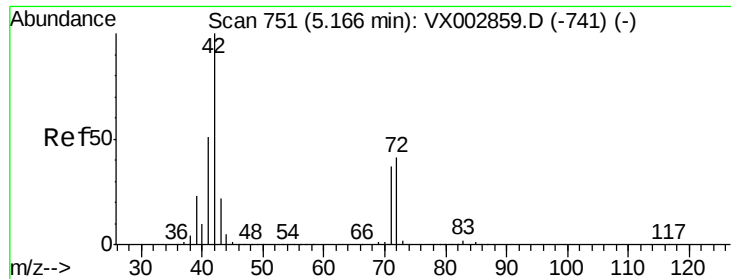


#28

Bromochloromethane
Concen: 20.21 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.5	61.2	91.8





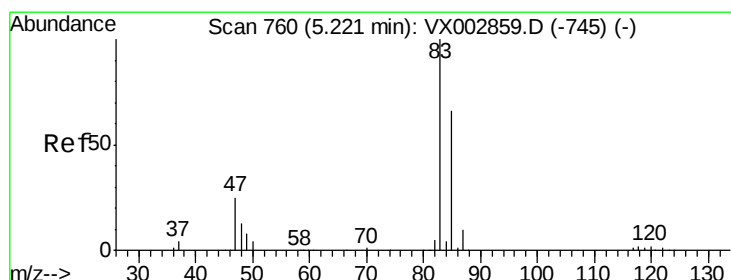
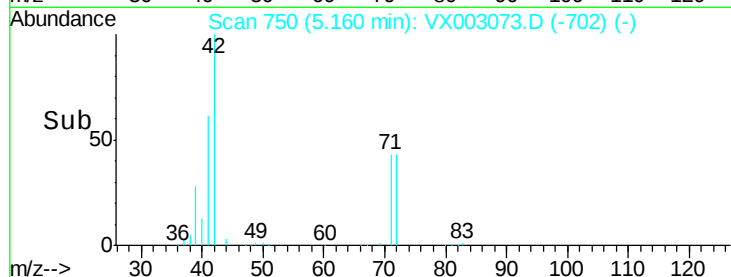
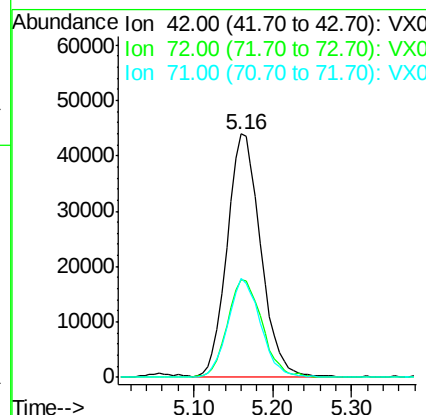
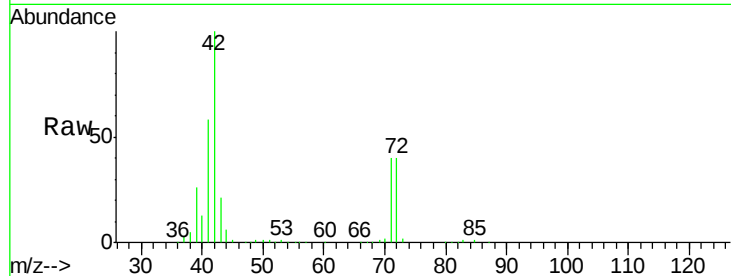
#29
Tetrahydrofuran
Concen: 88.85 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.6	30.1	45.1

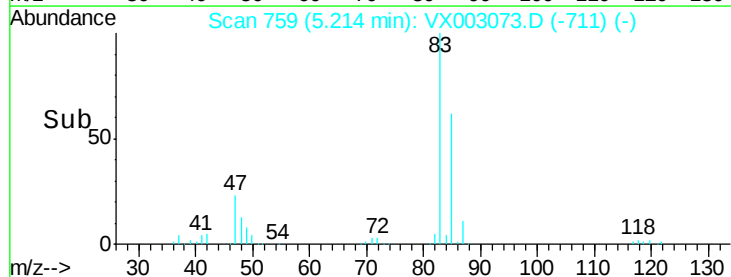
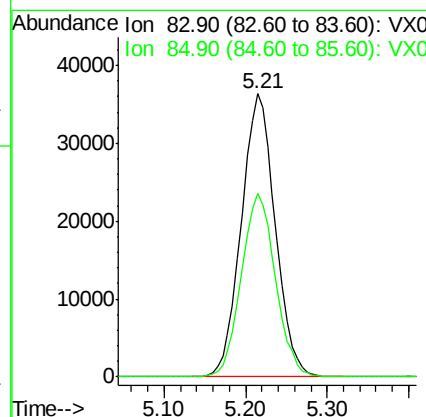
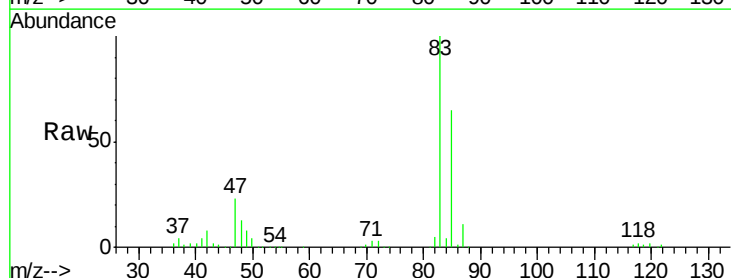
Manual Integrations
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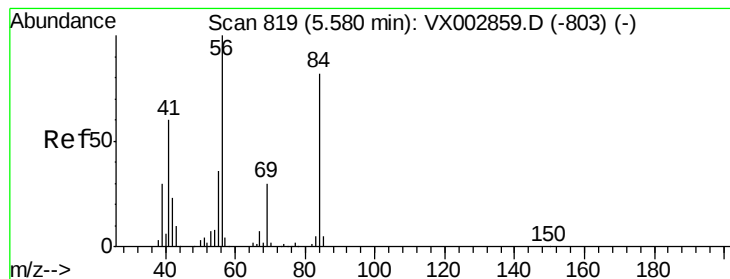
apatel
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#30
Chloroform
Concen: 18.88 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.4	75.6





#31

Cyclohexane

Concen: 18.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

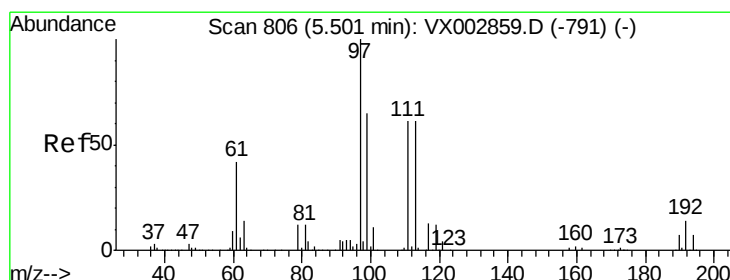
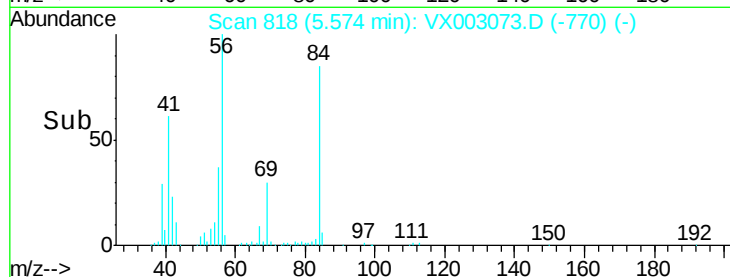
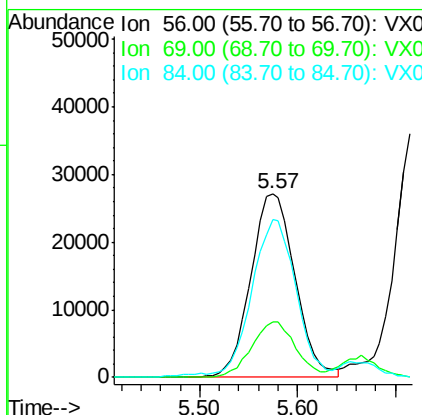
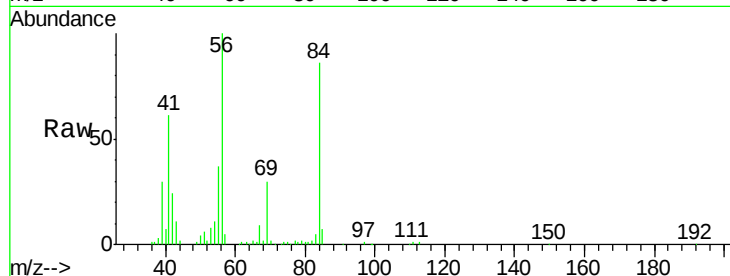
ClientSampleId :

VX0630WBS01

Tot Ion:	56	Resp:	85112
Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.7	35.5
84	84.1	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.71 ug/l

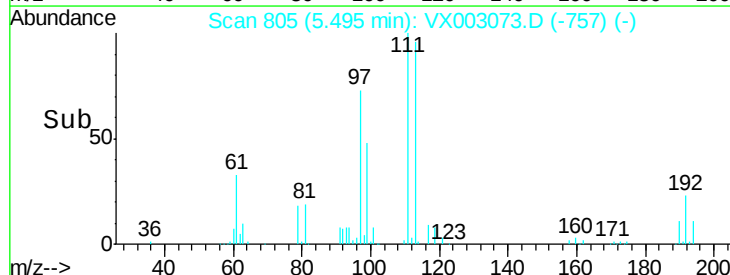
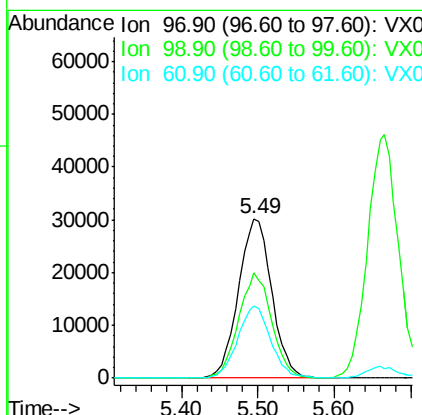
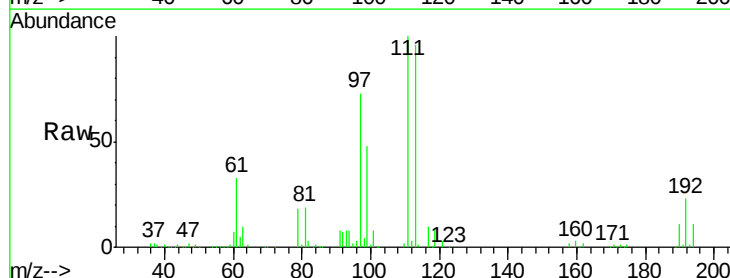
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	97	Resp:	91250
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	44.9	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 41.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tot Ion: 65 Resp: 154674

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6

Instrument :

MSVOA_X

ClientSampled :

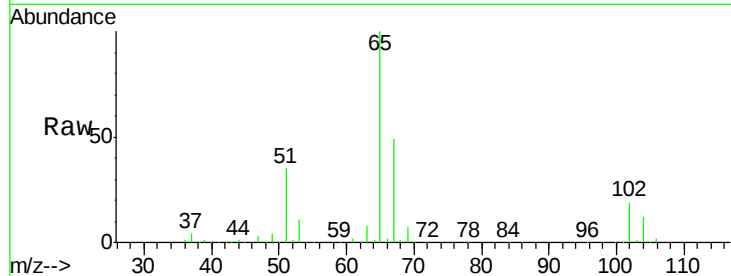
VX0630WBS01

Manual Integrations

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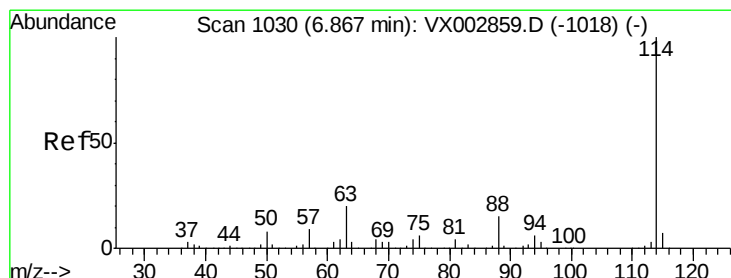
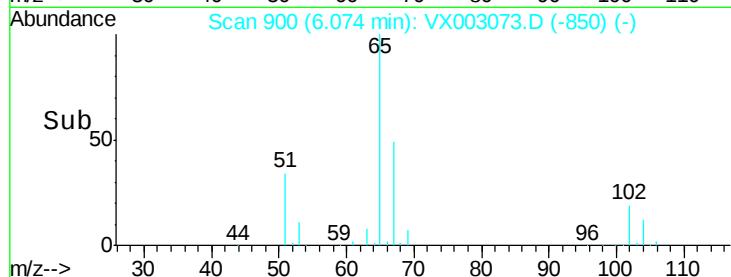
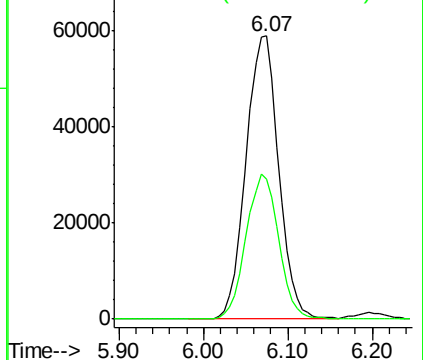
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

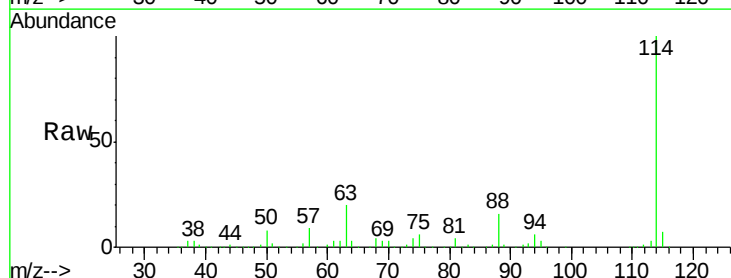
Tgt Ion: 114 Resp: 352486

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

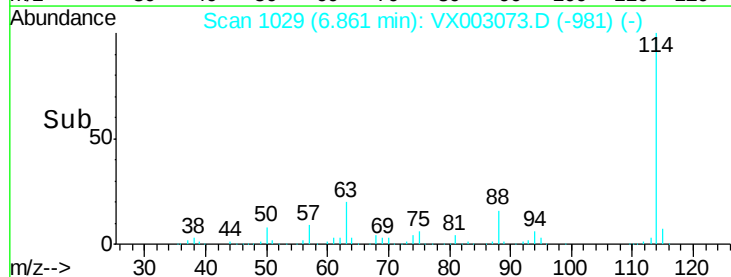
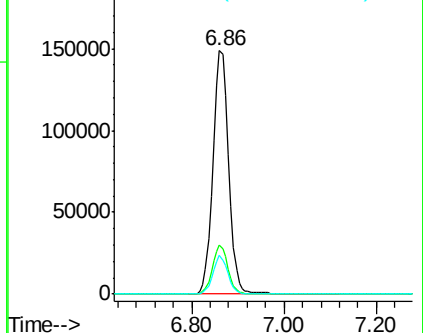
88 15.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

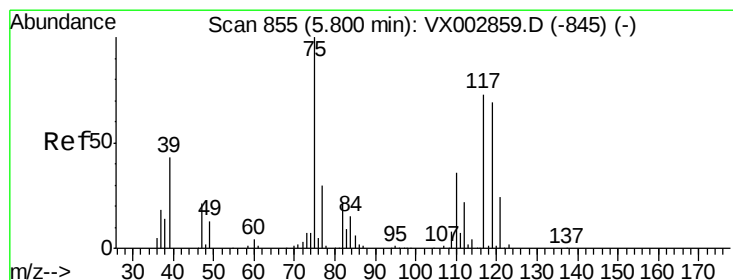
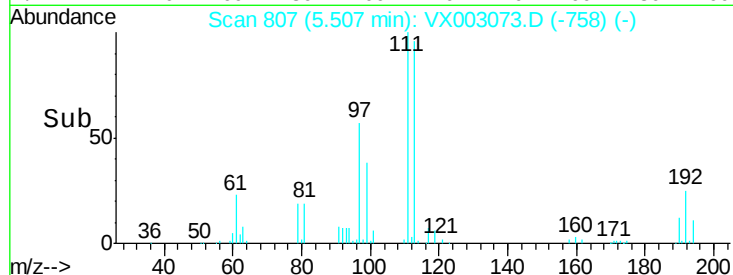
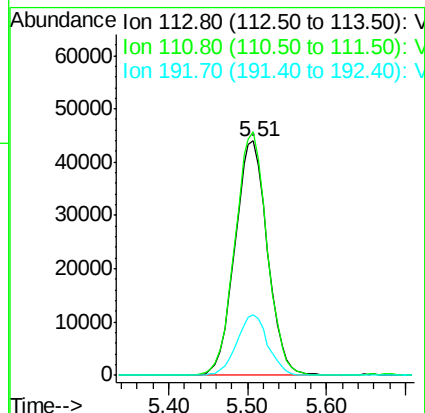
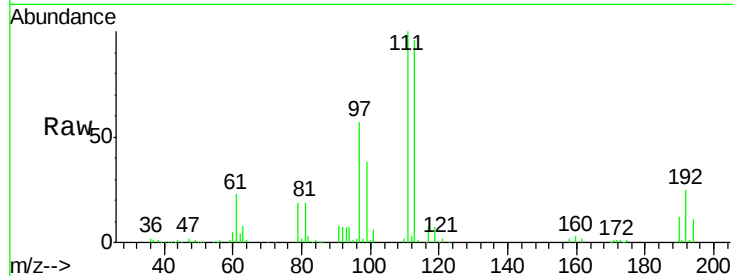
ClientSampled :

VX0630WBS01

Tot Ion:	113	Resp:	126186
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	24.8	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.23 ug/l

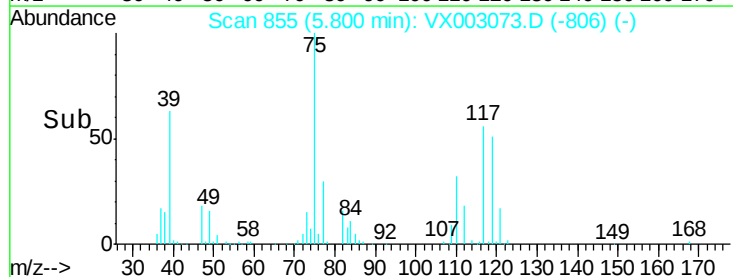
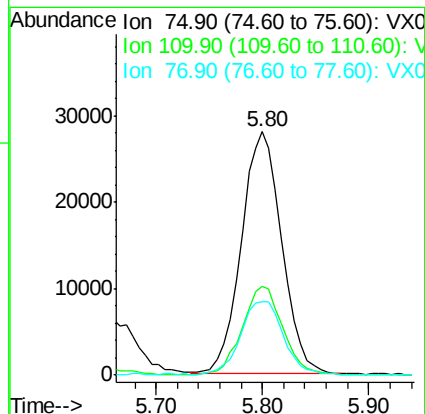
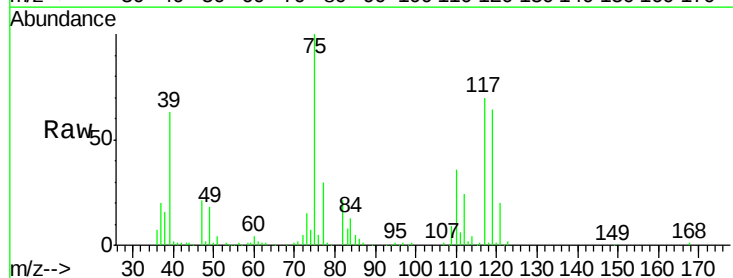
RT: 5.80 min Scan# 855

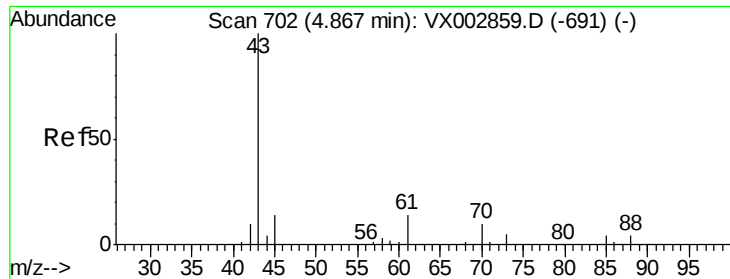
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	75	Resp:	74329
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.4
77	32.6	24.3	36.5





#37

Ethyl Acetate

Concen: 19.31 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

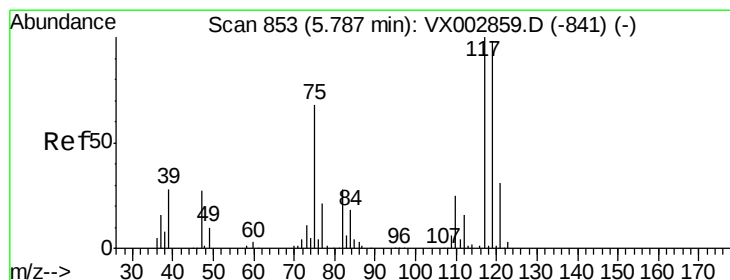
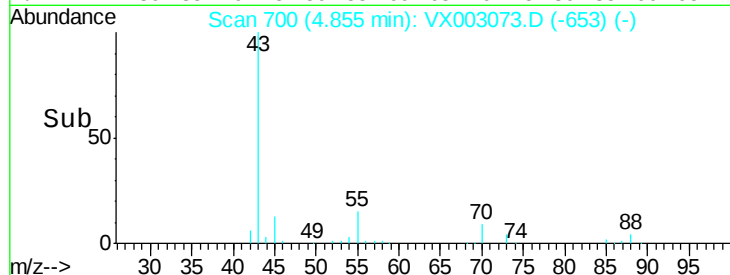
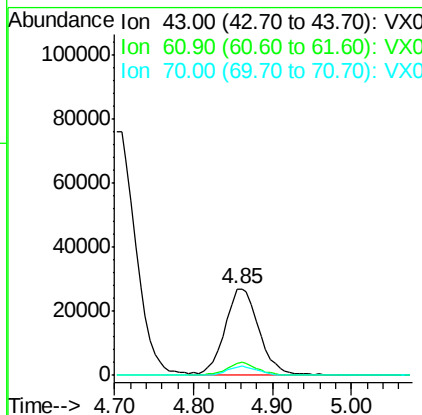
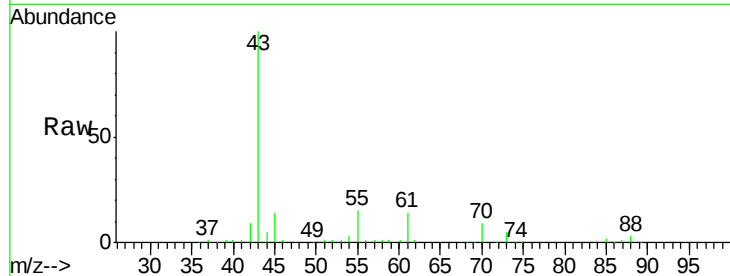
ClientSampled :

VX0630WBS01

Tot Ion:	43	Resp:	80376
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.0	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.91 ug/l

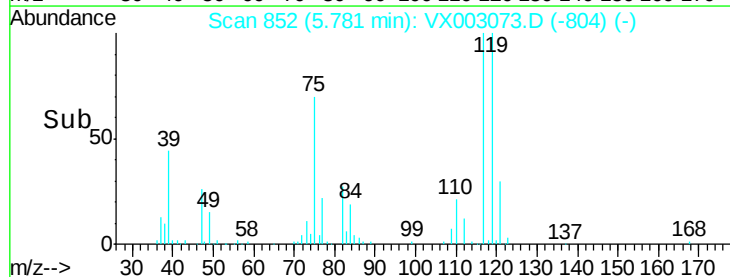
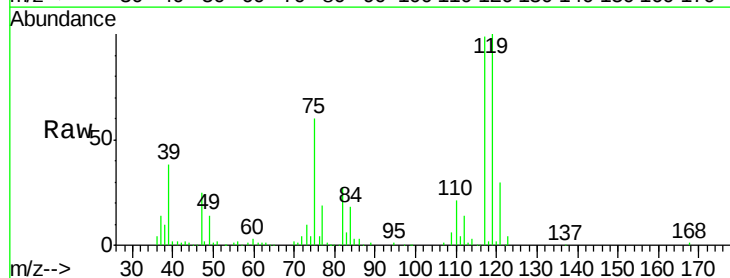
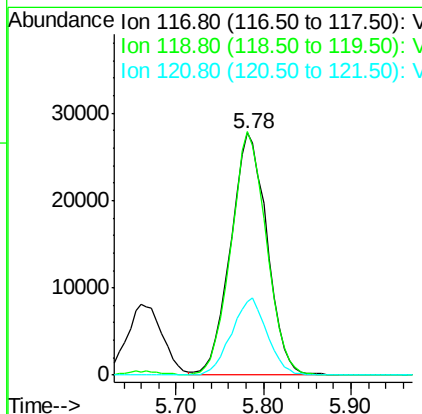
RT: 5.78 min Scan# 852

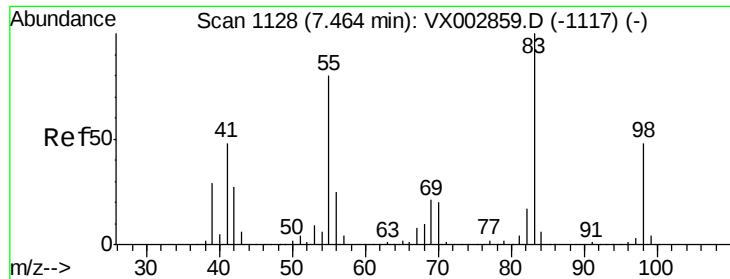
Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	117	Resp:	80195
Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.4	116.0
121	30.3	24.4	36.6





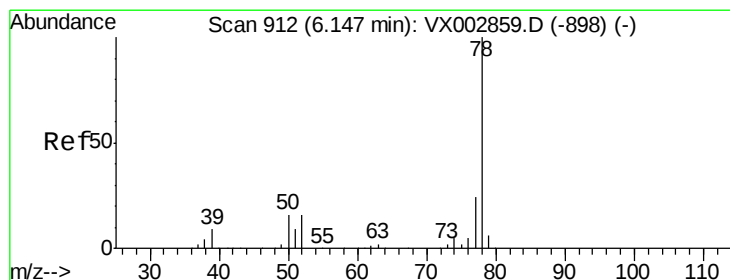
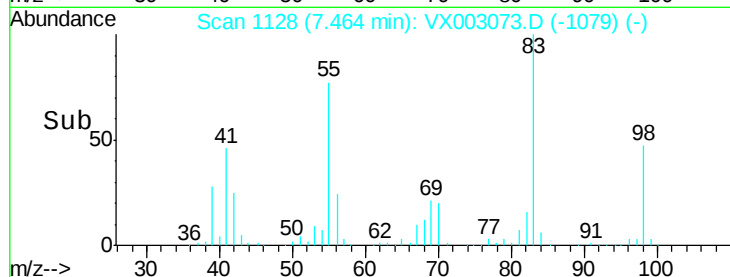
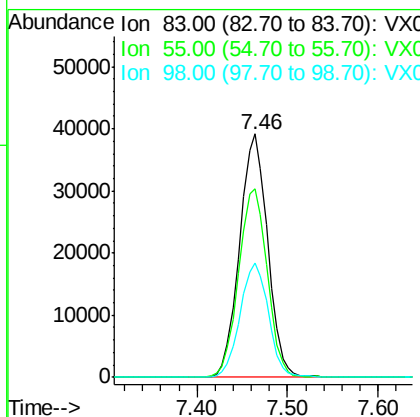
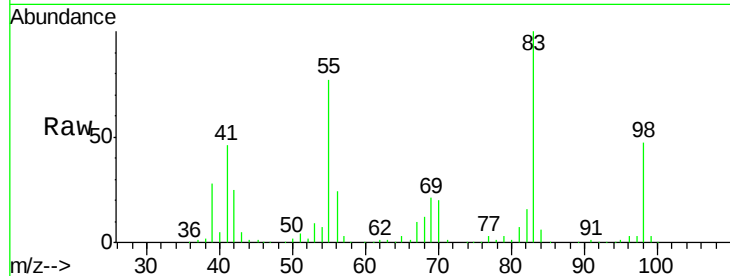
#39
Methvlcvclohexane
Concen: 18.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.4	98.0
98	47.1	37.4	56.0

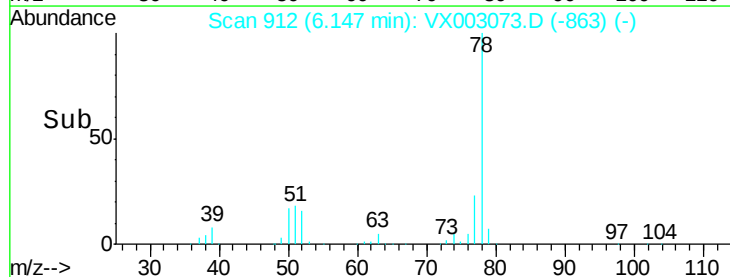
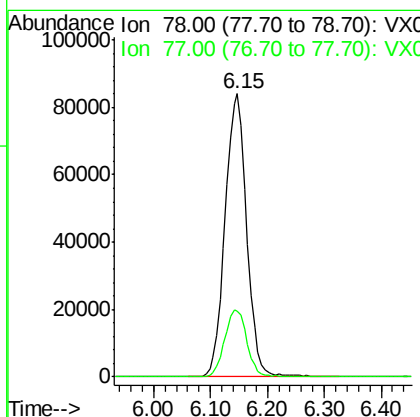
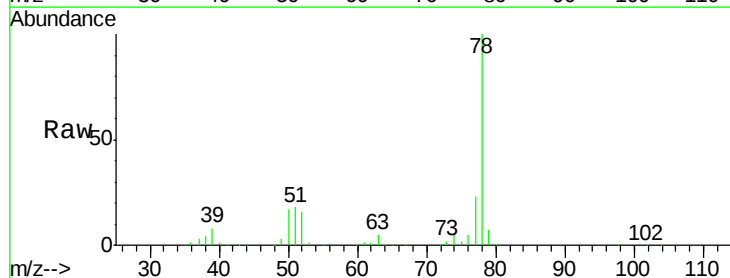
Manual Integrations
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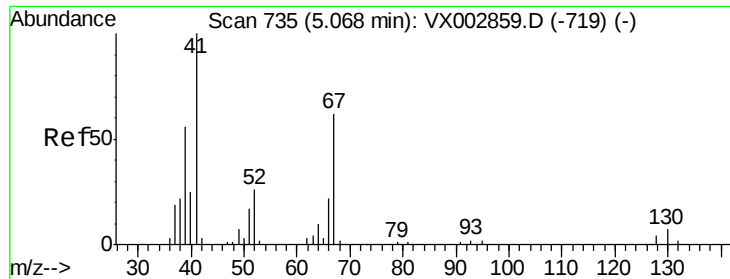
apatel
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#40
Benzene
Concen: 19.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





#41

Methacrylonitrile

Concen: 19.09 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

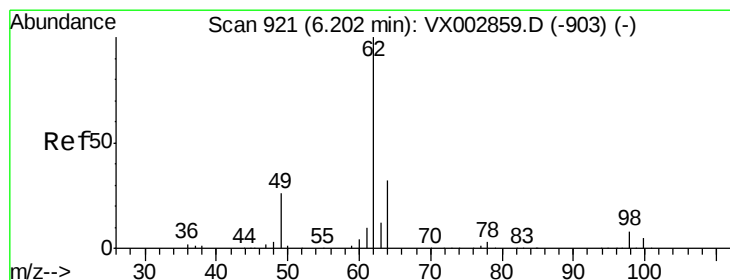
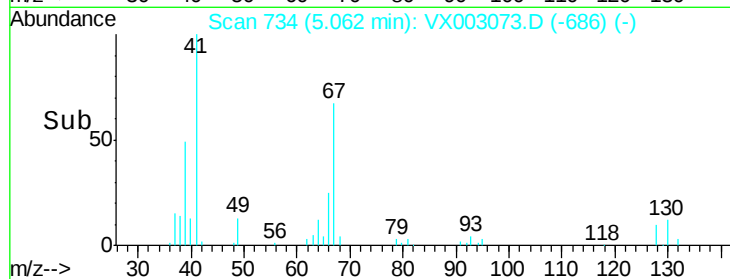
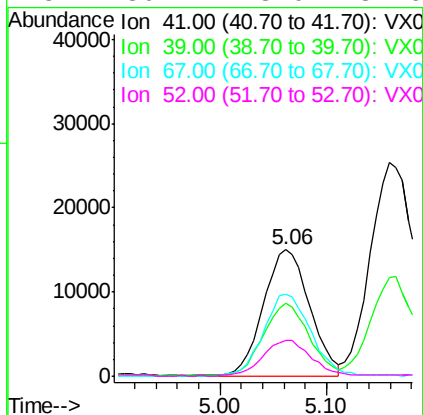
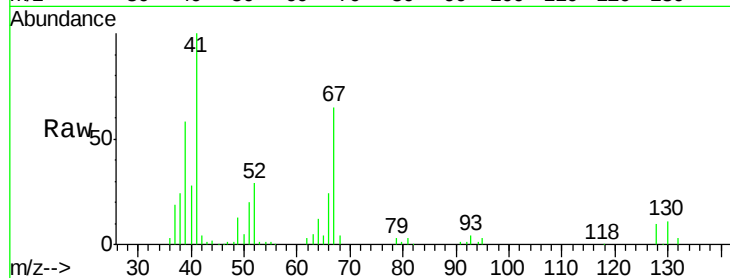
ClientSampleId :

VX0630WBS01

Tot Ion:	41	Resp:	45756
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.8	68.6
67	66.2	51.3	76.9
52	30.1	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.21 ug/l

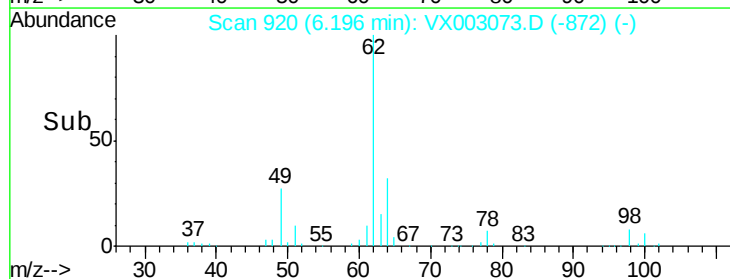
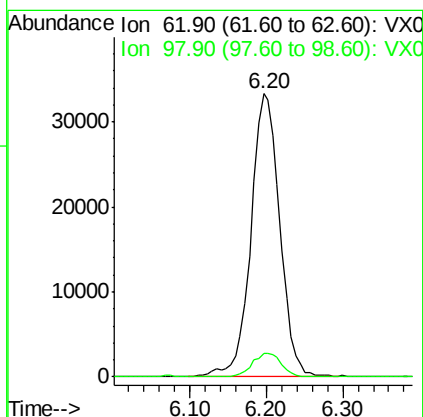
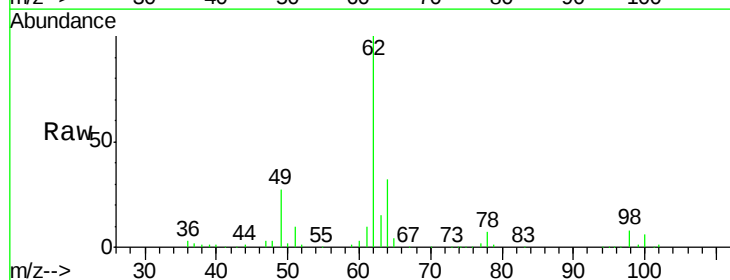
RT: 6.20 min Scan# 920

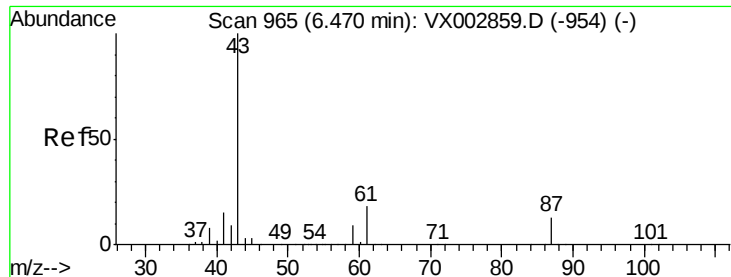
Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	62	Resp:	87165
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

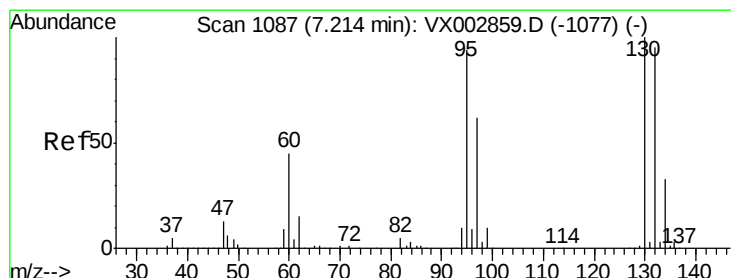
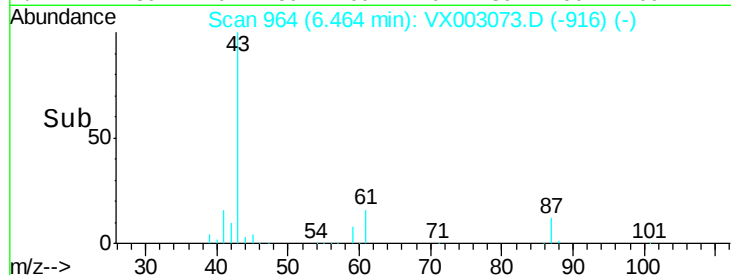
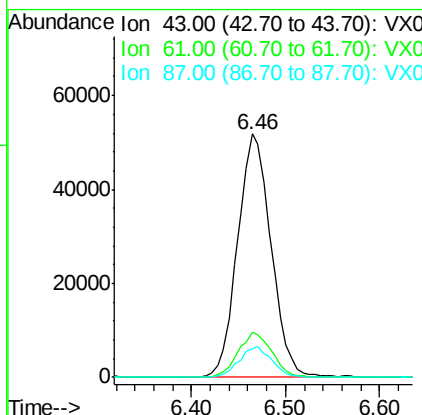
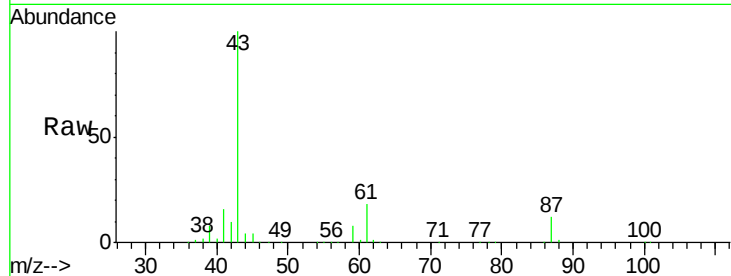
Isopropyl Acetate
 Concen: 18.19 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.4	21.6
87	12.6	9.5	14.3

Manual Integrations
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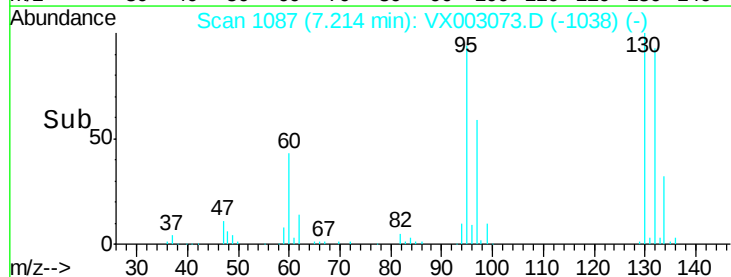
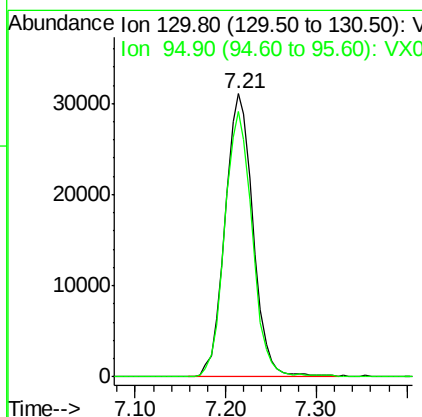
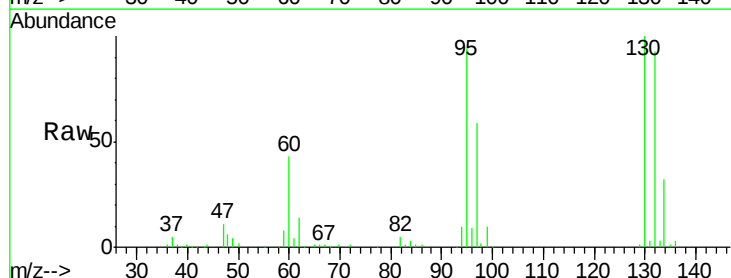
apatel
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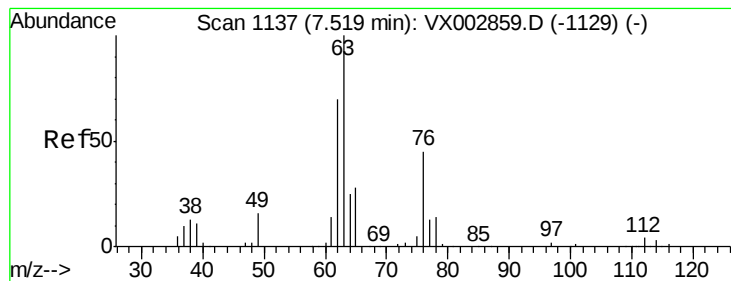


#44

Trichloroethene
 Concen: 19.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.75 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 63 Resp: 58849

Ion Ratio Lower Upper

63 100

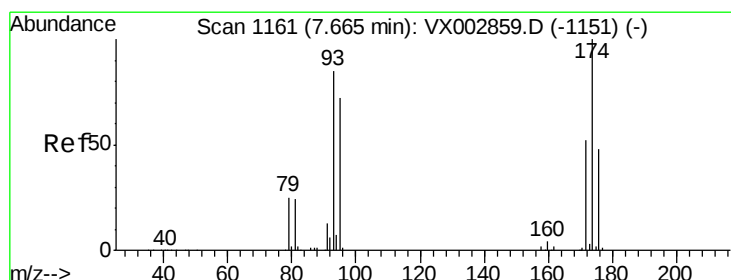
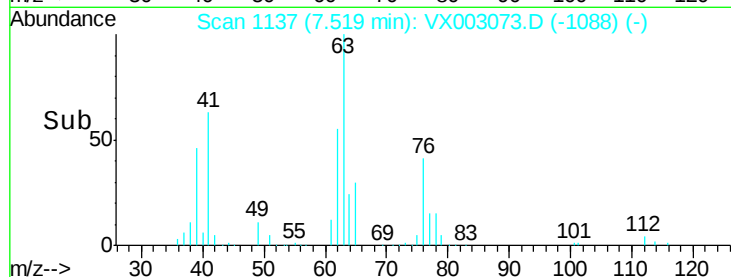
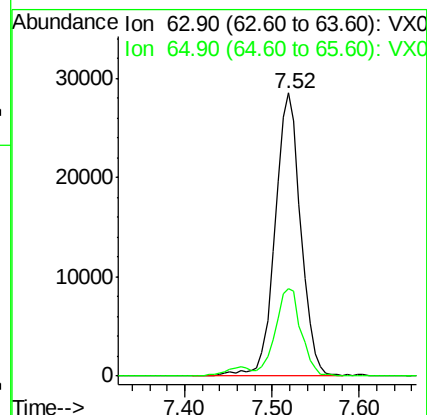
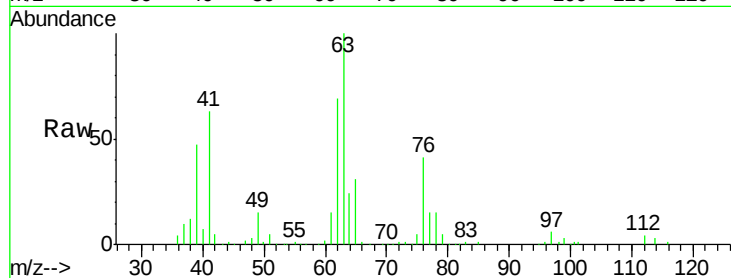
65 31.0 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.30 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

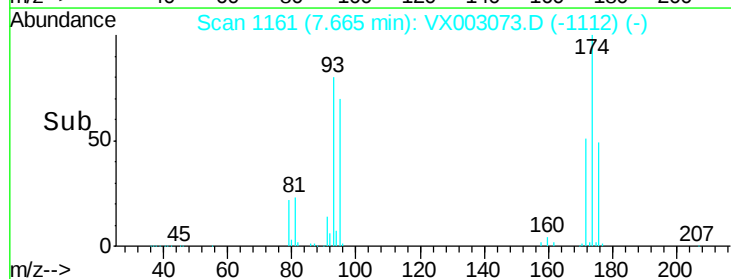
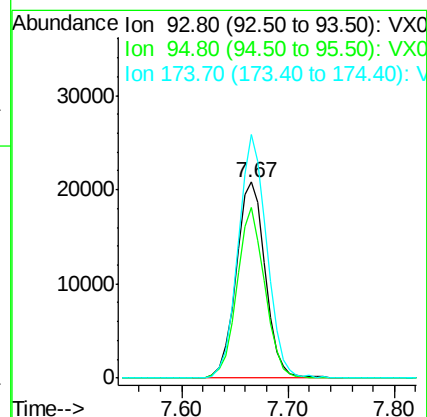
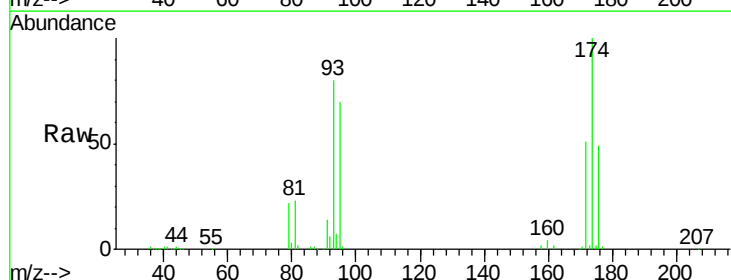
Tgt Ion: 93 Resp: 39911

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 122.1 92.4 138.6





#47

Bromodichloromethane

Concen: 19.46 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

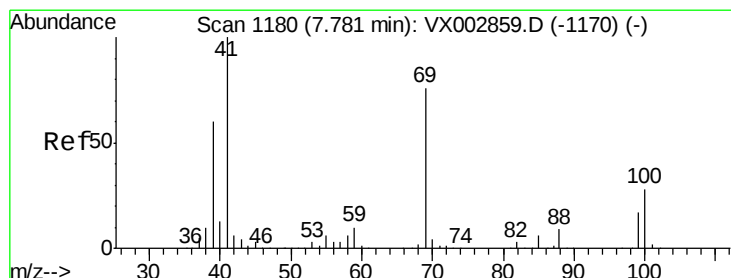
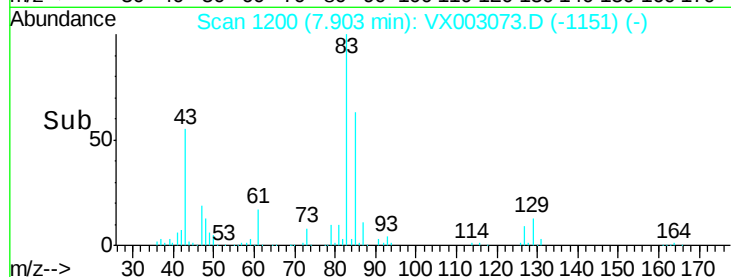
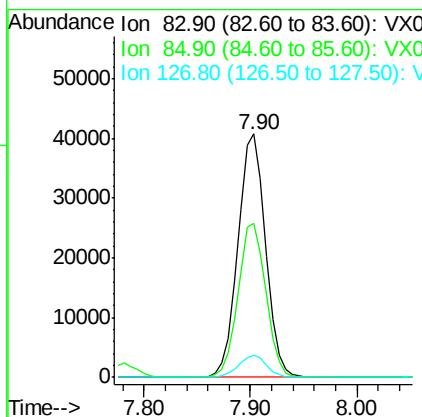
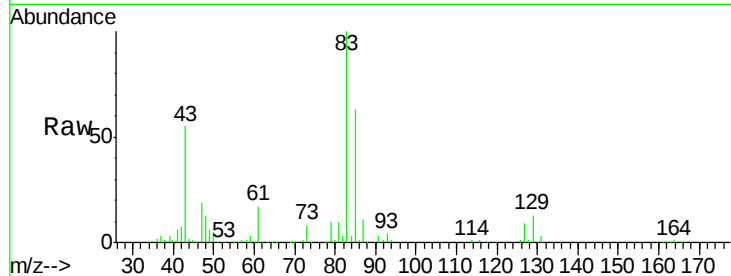
ClientSampled :

VX0630WBS01

Tot Ion:	83	Resp:	74388
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.47 ug/l

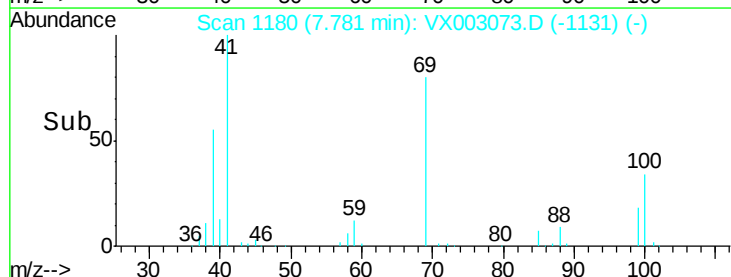
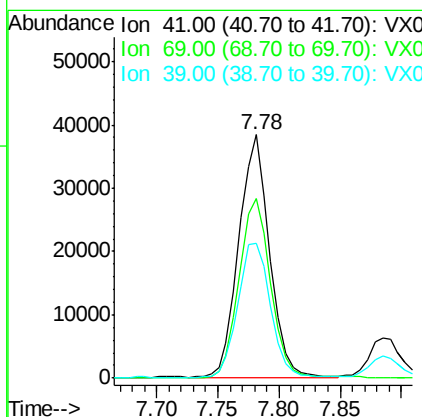
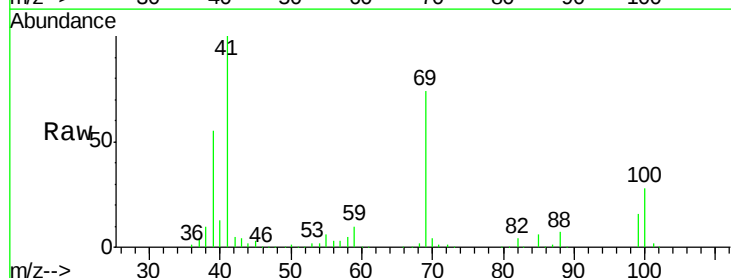
RT: 7.78 min Scan# 1180

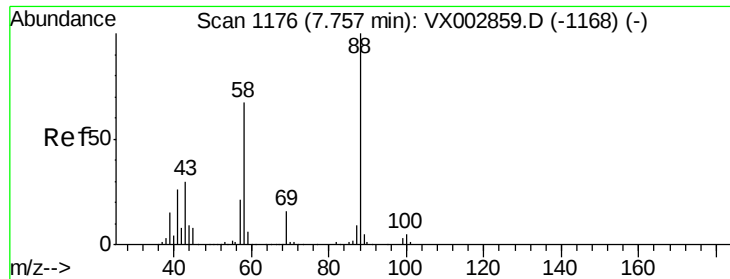
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	41	Resp:	66411
Ion	Ratio	Lower	Upper
41	100		
69	77.0	59.1	88.7
39	59.1	48.9	73.3





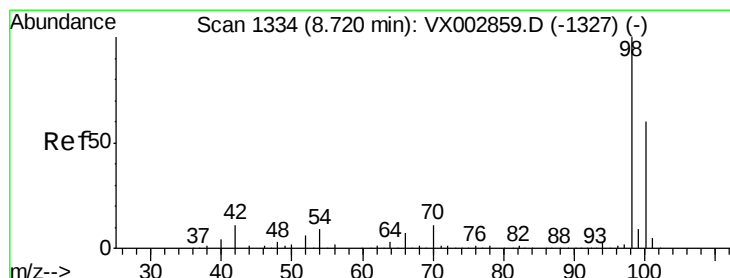
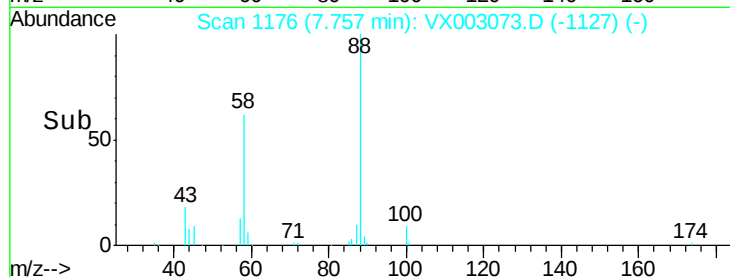
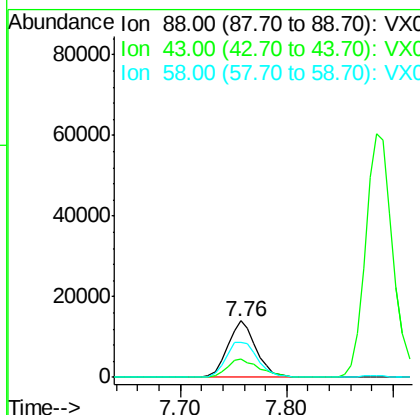
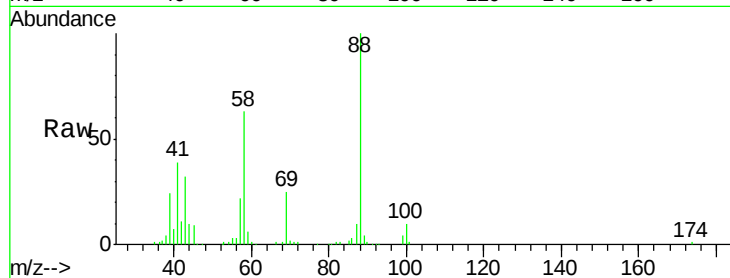
#49
 1,4-Dioxane
 Concen: 370.17 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	29.8	44.6
58	72.4	57.1	85.7

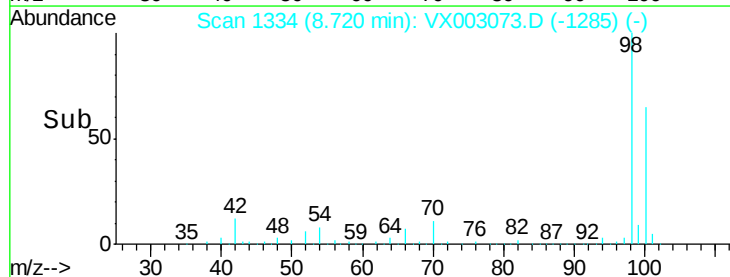
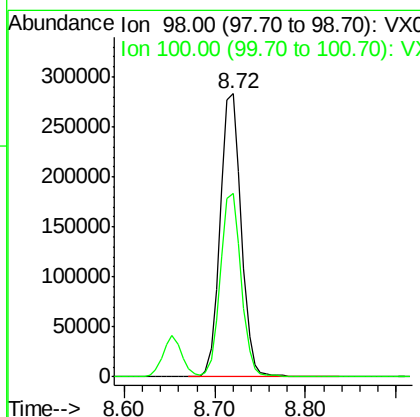
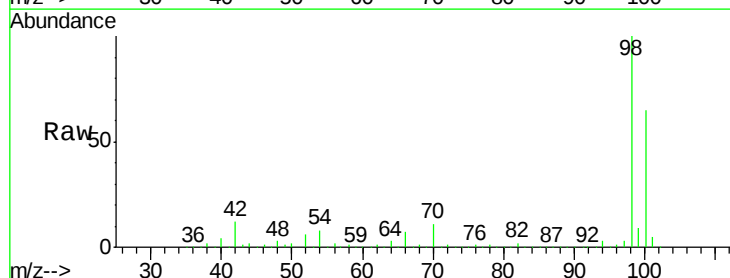
Manual Integrations
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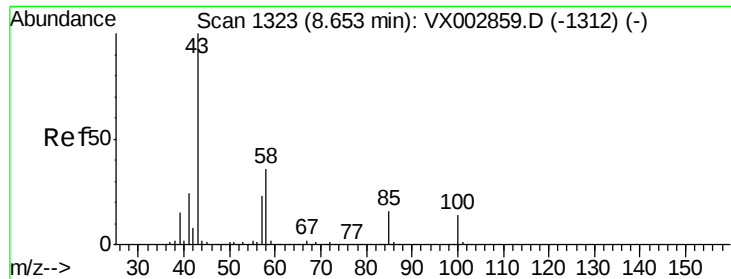
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#50
 Toluene-d8
 Concen: 45.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 95.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 43 Resp: 416099

Ion Ratio Lower Upper

43 100

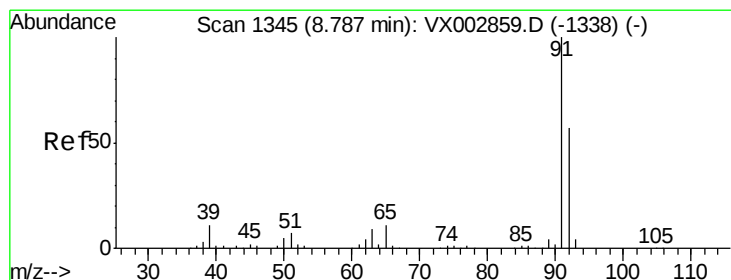
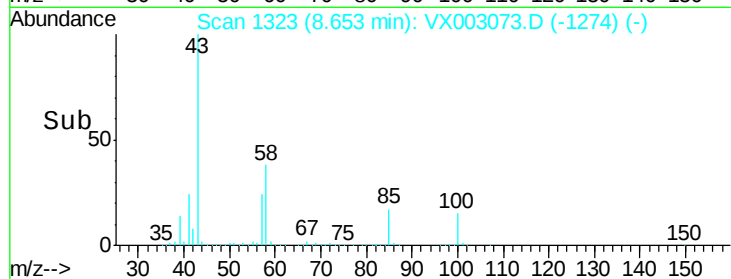
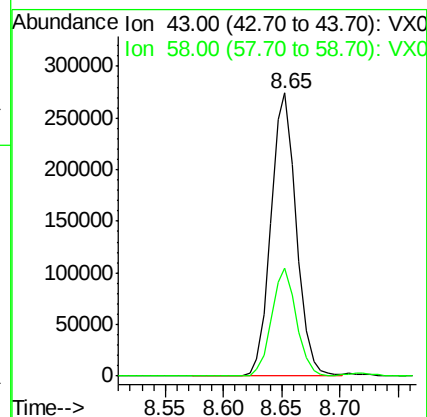
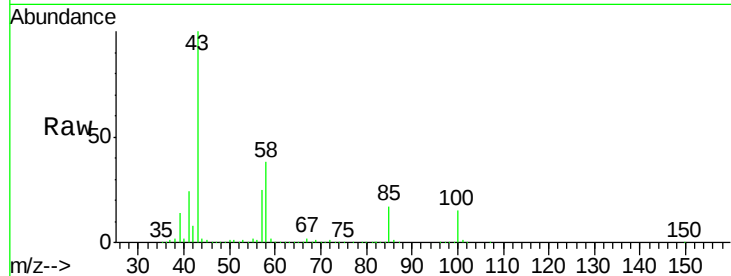
58 37.4 28.6 42.8

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#52

Toluene

Concen: 20.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003073.D

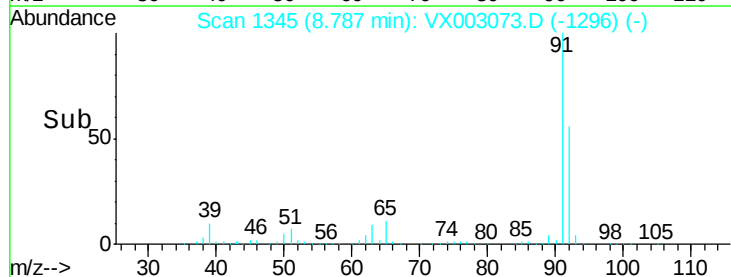
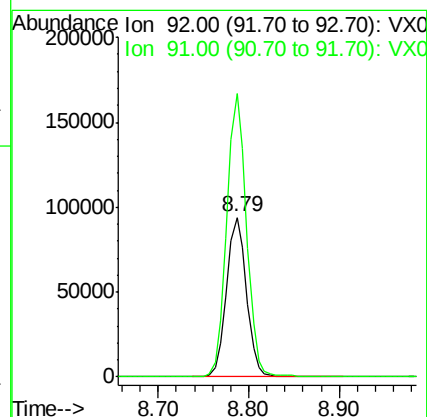
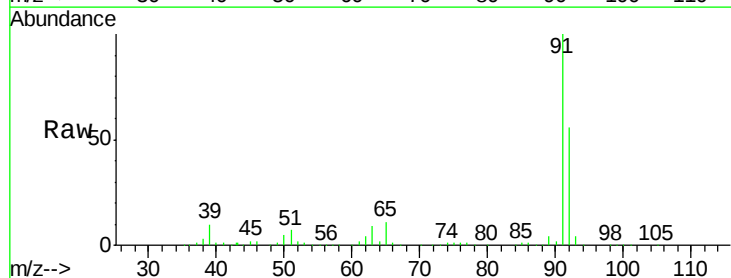
Acq: 30 Jun 2018 12:28

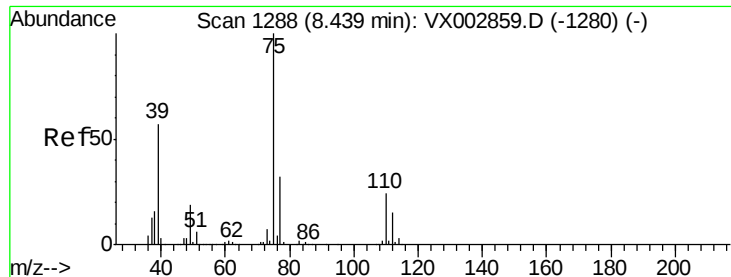
Tgt Ion: 92 Resp: 145028

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.74 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 75 Resp: 85470

Ion Ratio Lower Upper

75 100

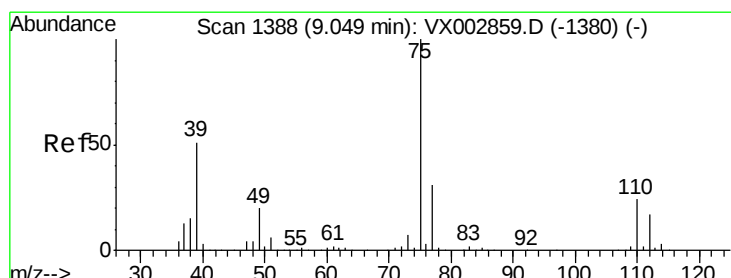
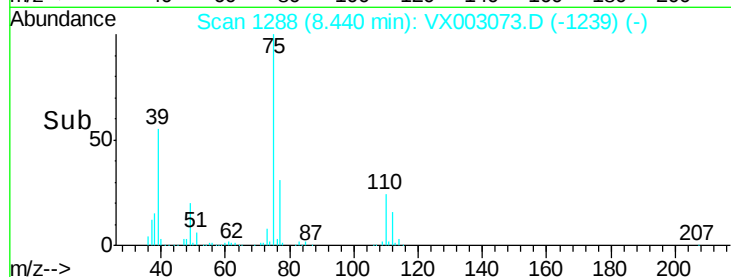
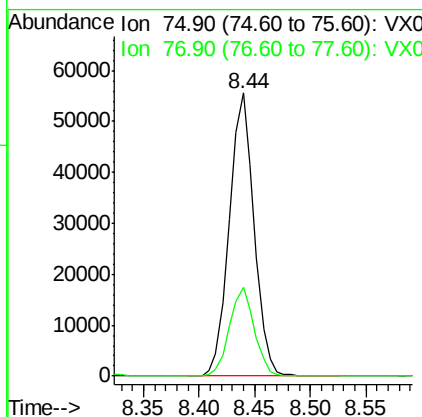
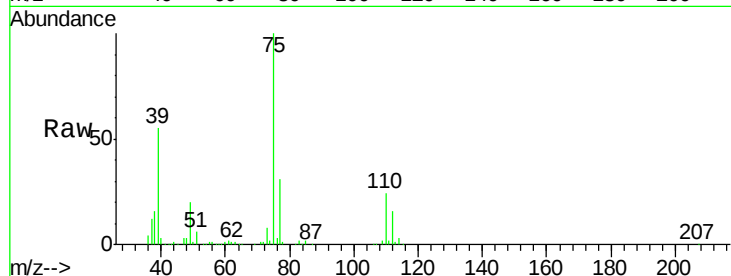
77 31.4 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.66 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

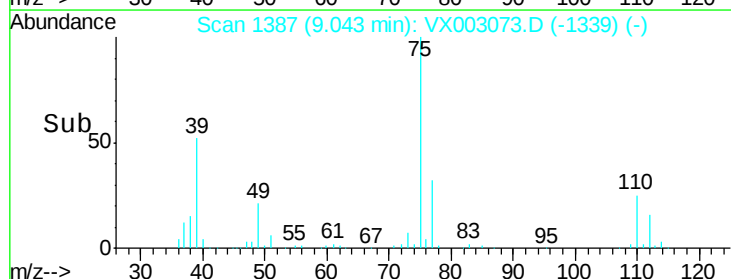
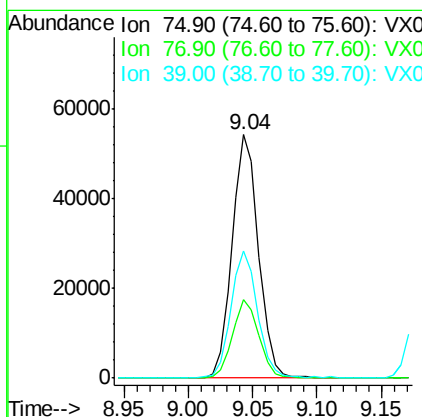
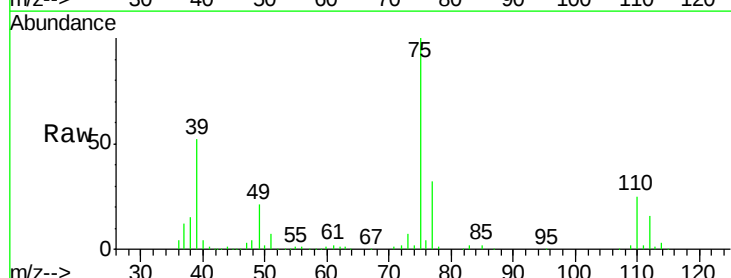
Tgt Ion: 75 Resp: 77703

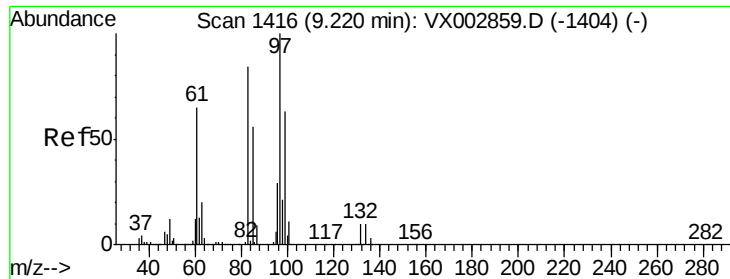
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 52.0 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.26 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

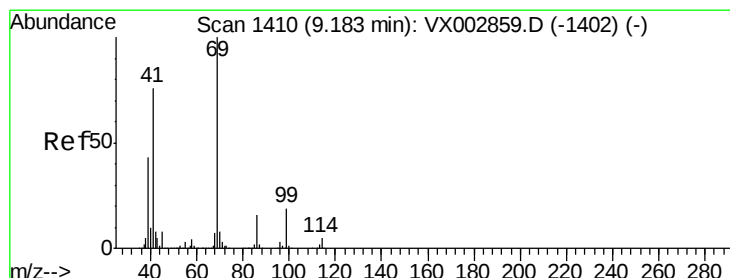
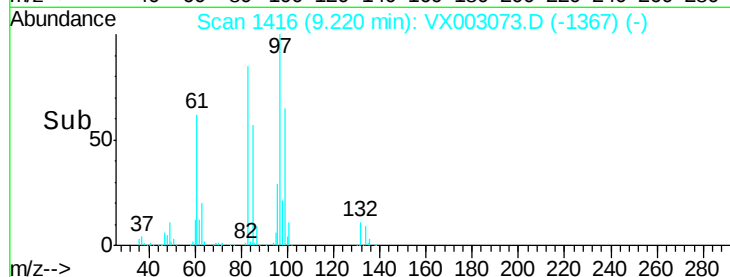
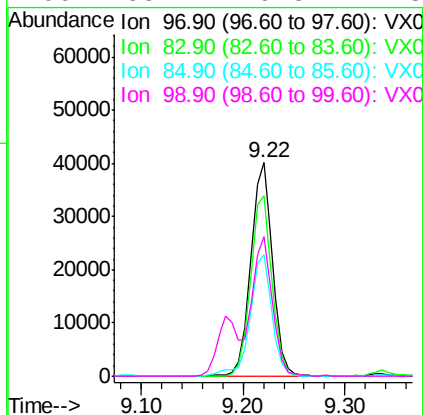
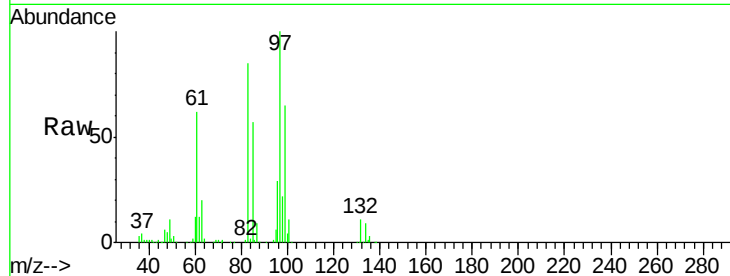
ClientSampleId :

VX0630WBS01

Tot Ion:	97	Resp:	59895
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	57.1	44.9	67.3
99	65.2	49.8	74.8

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#56

Ethyl methacrylate

Concen: 19.89 ug/l

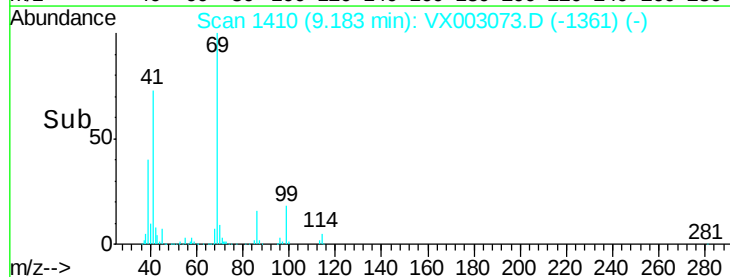
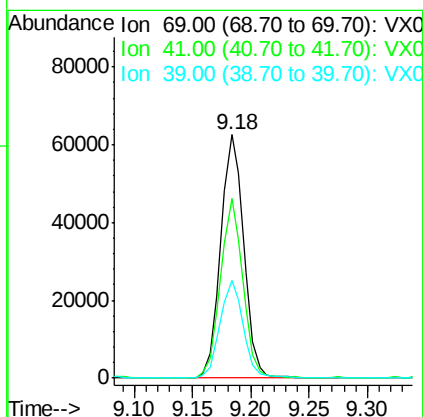
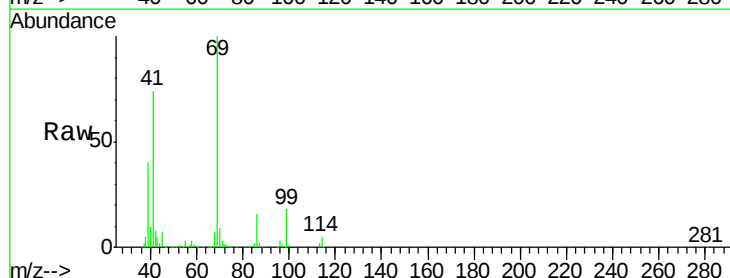
RT: 9.18 min Scan# 1410

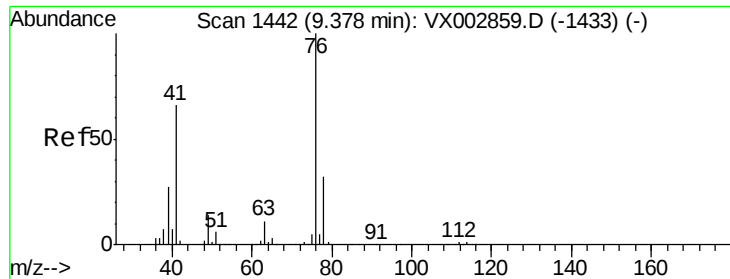
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	69	Resp:	85944
Ion	Ratio	Lower	Upper
69	100		
41	70.9	60.3	90.5
39	39.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.77 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 76 Resp: 96015

Ion Ratio Lower Upper

76 100

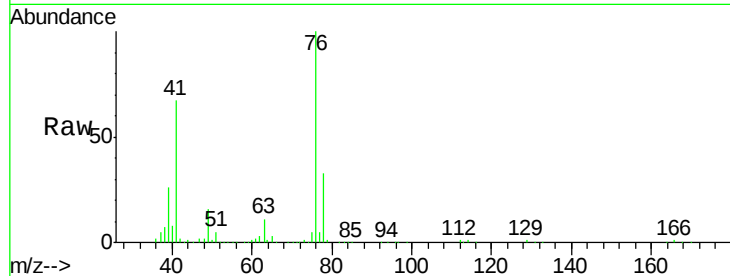
78 32.7 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

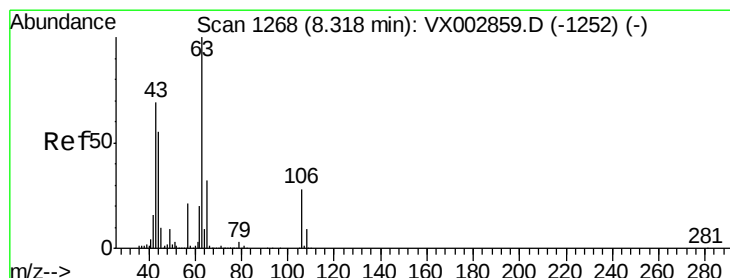
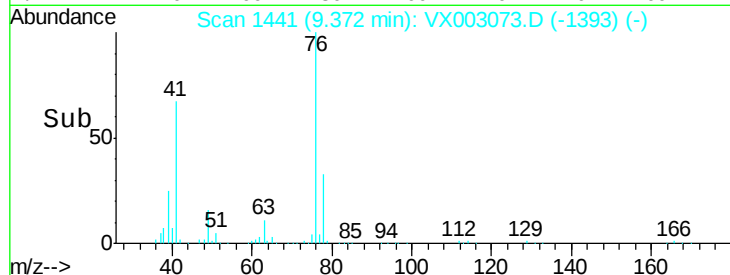
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 156.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003073.D

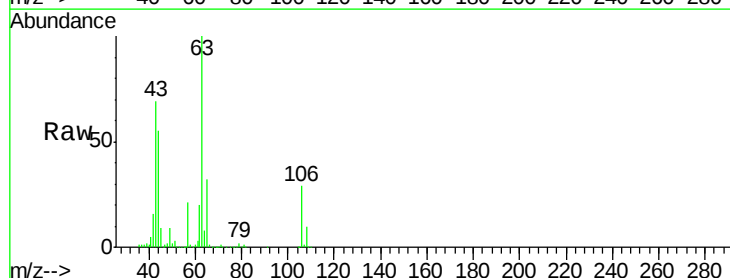
Acq: 30 Jun 2018 12:28

Tgt Ion: 63 Resp: 325774

Ion Ratio Lower Upper

63 100

106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

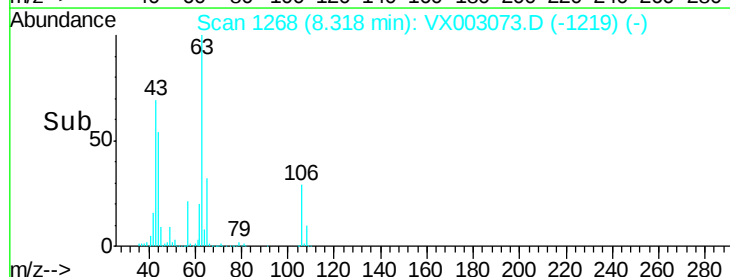
150000

100000

50000

0

Time-->





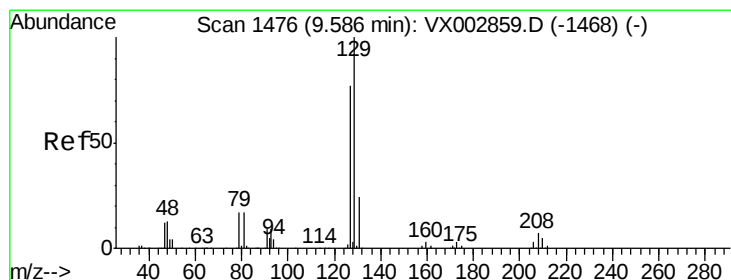
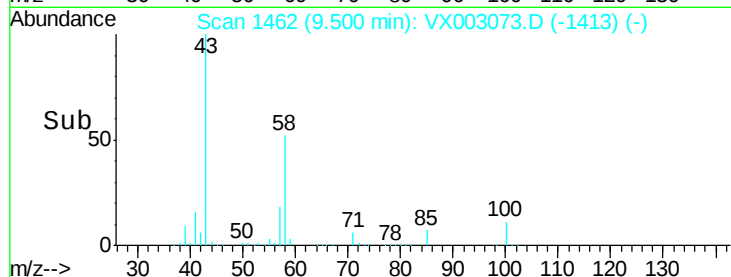
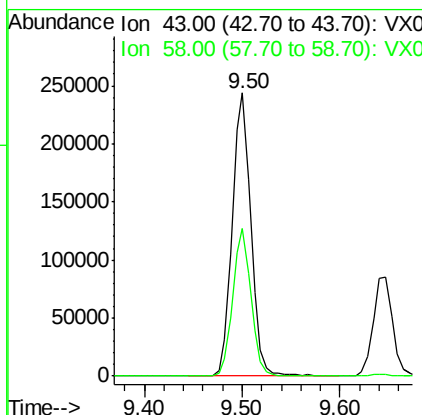
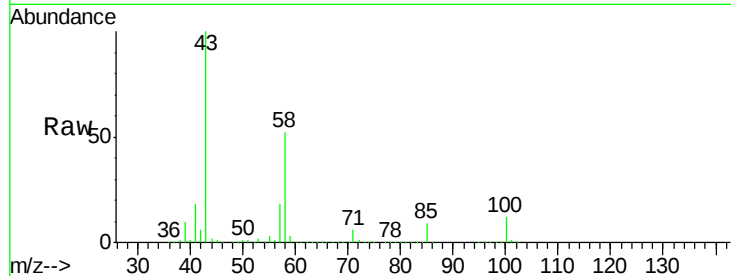
#59
2-Hexanone
Concen: 97.27 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.9	24.6	73.6

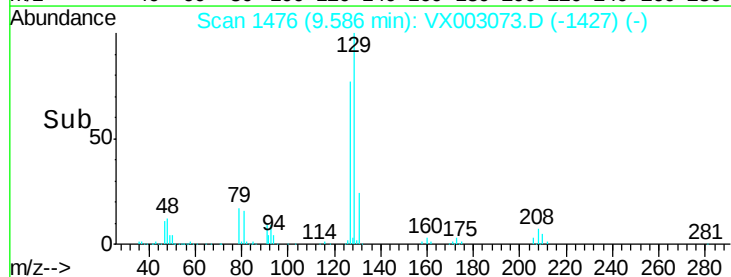
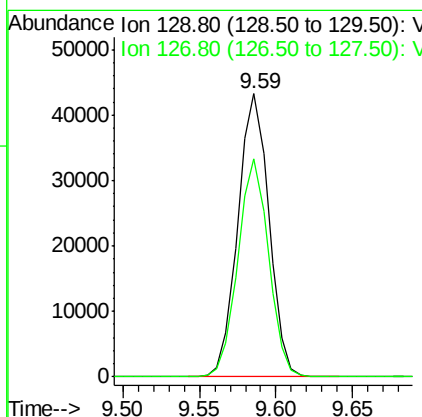
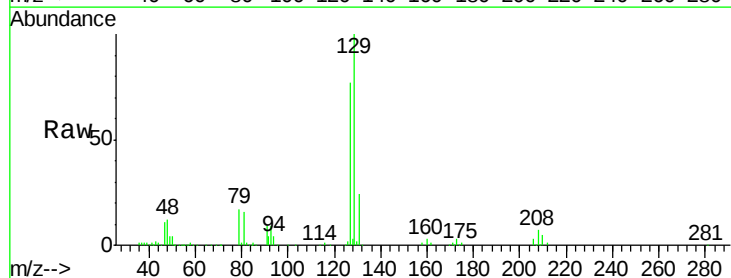
Manual Integrations
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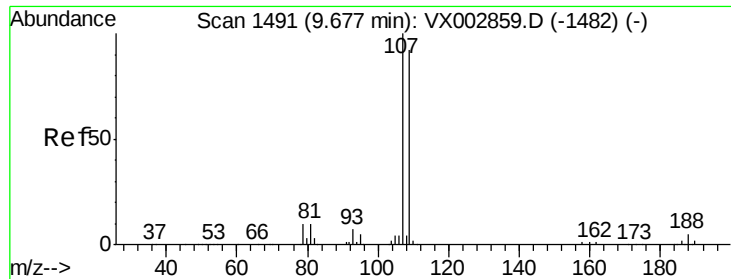
apatel
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#60
Dibromochloromethane
Concen: 19.59 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.5	115.3





#61

1,2-Dibromoethane

Concen: 20.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion:107 Resp: 62140

Ion Ratio Lower Upper

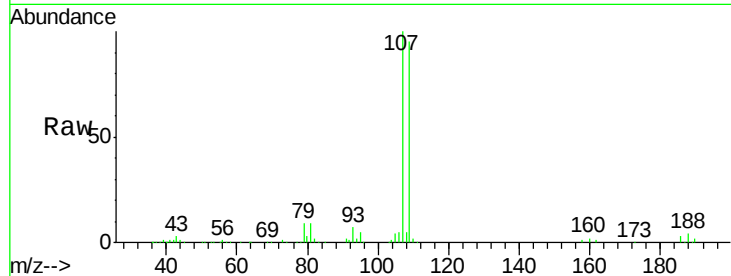
107 100

109 93.7 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

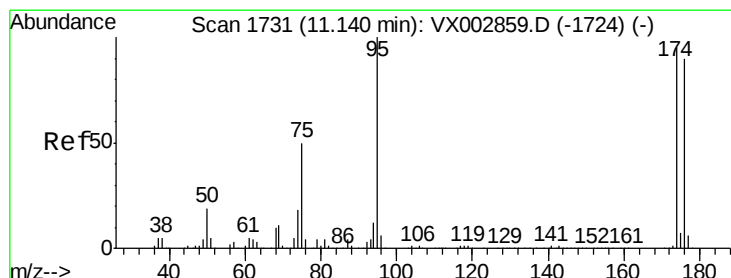
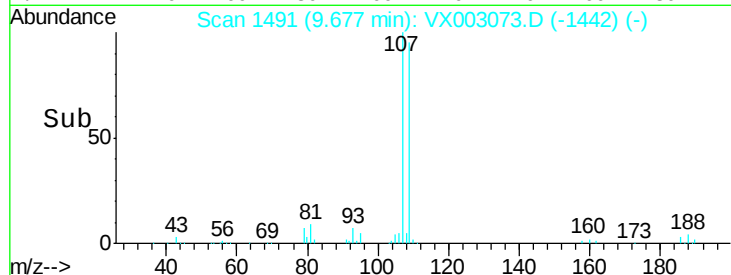
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

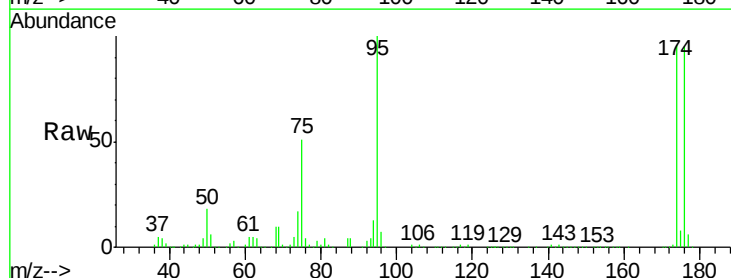
Tgt Ion: 95 Resp: 176650

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

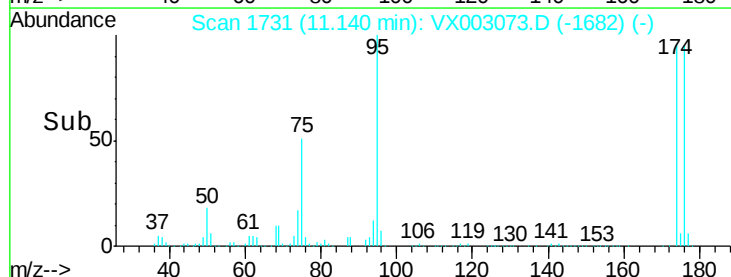
100000

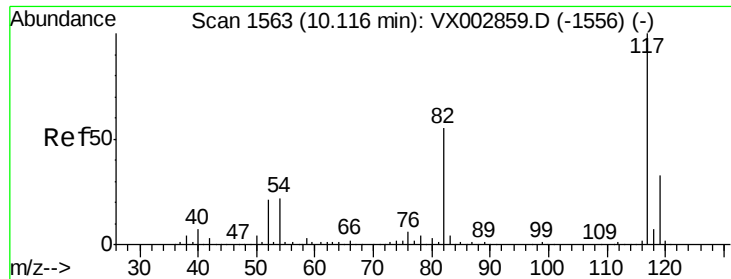
50000

0

Time-->

11.10 11.20





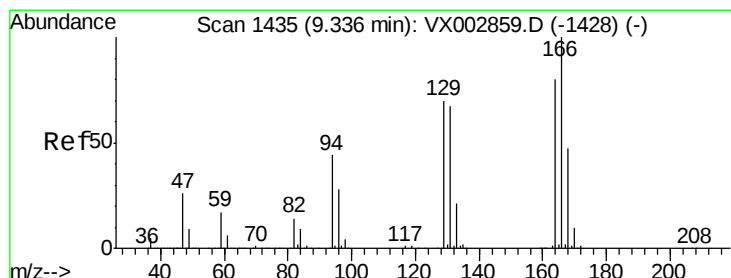
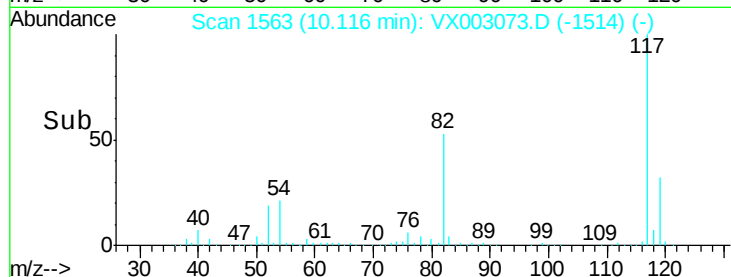
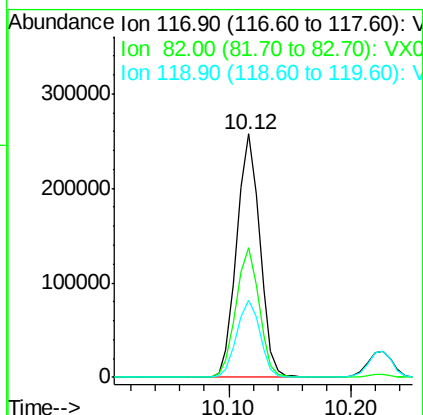
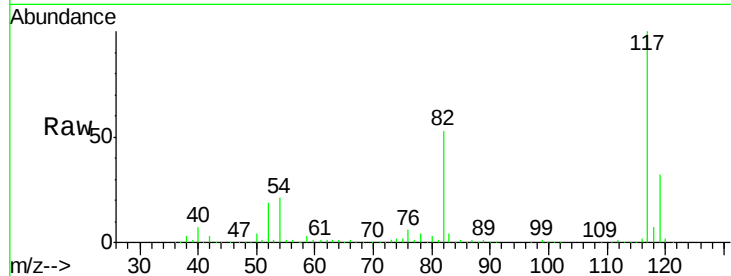
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	31.8	25.8	38.6

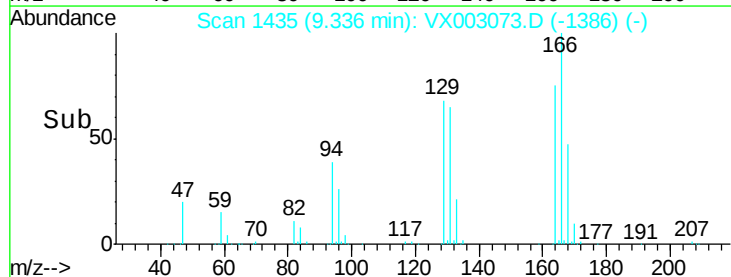
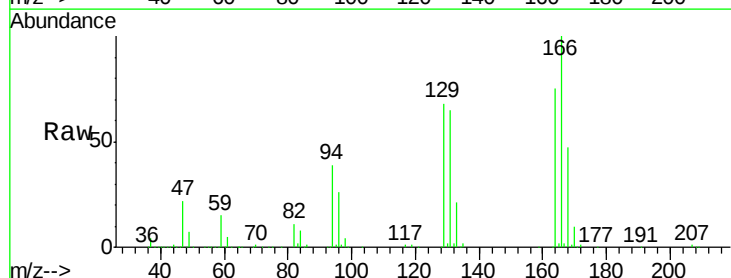
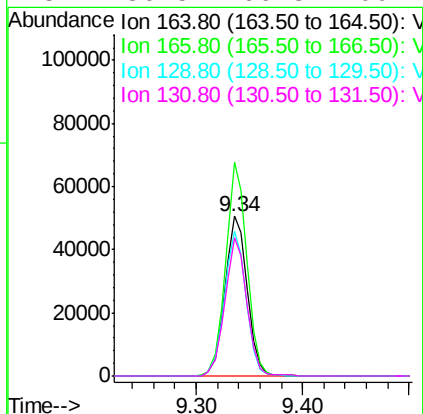
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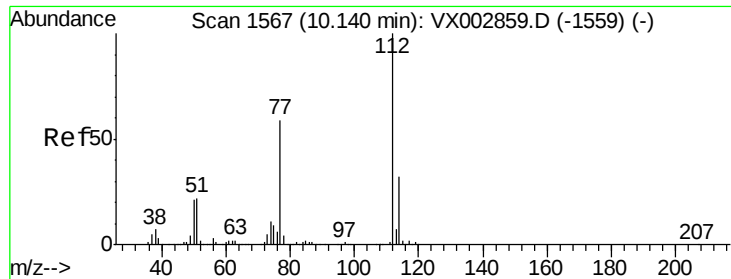
apatel
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#64
Tetrachloroethene
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.8	102.9	154.3
129	90.4	68.6	102.8
131	86.5	66.8	100.2





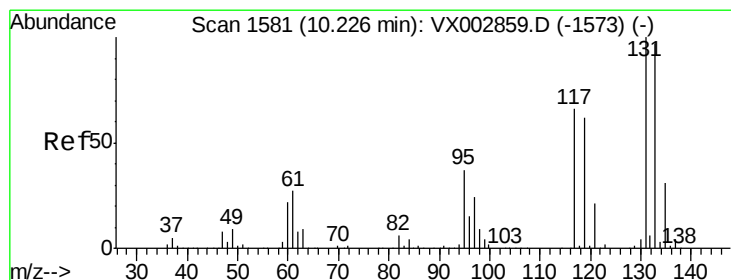
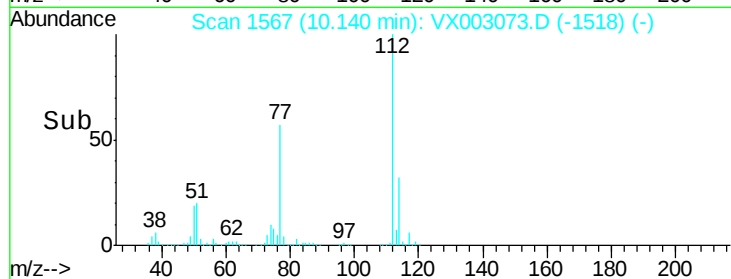
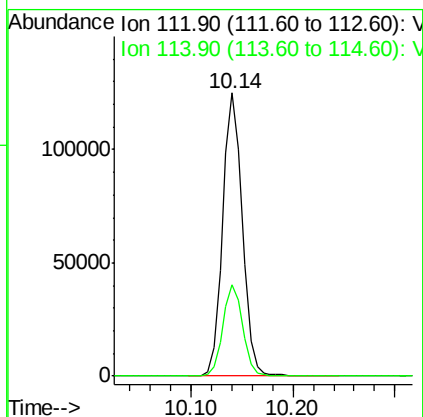
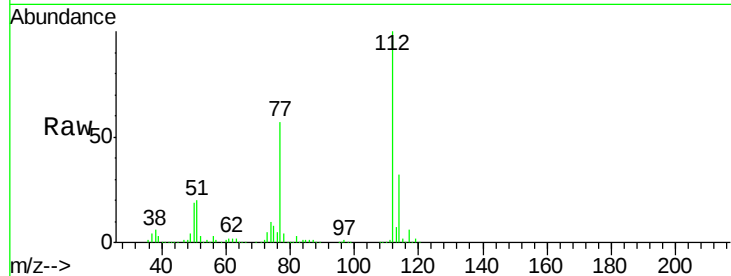
#65
Chlorobenzene
Concen: 19.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion:112 Resp: 167907
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

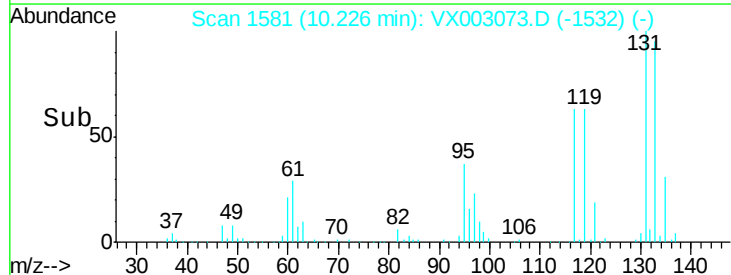
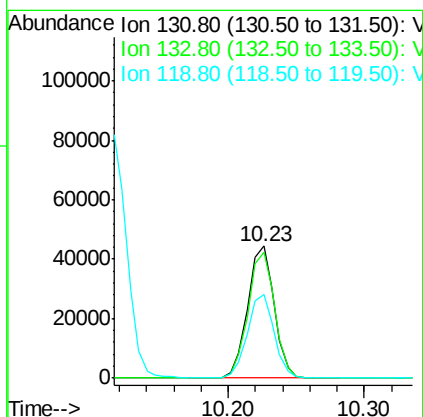
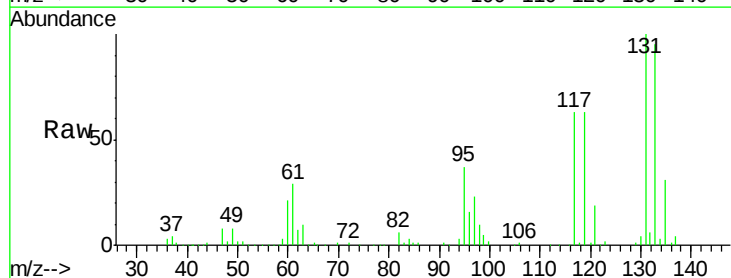
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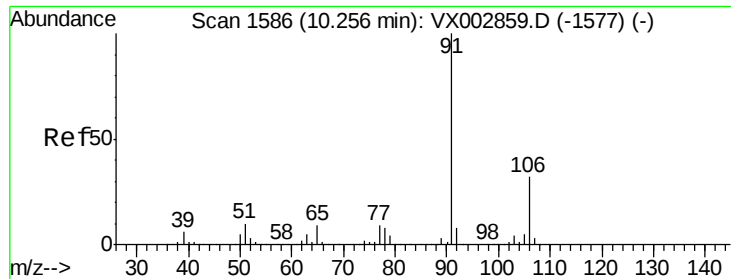
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:131 Resp: 60944
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 63.2 31.8 95.3





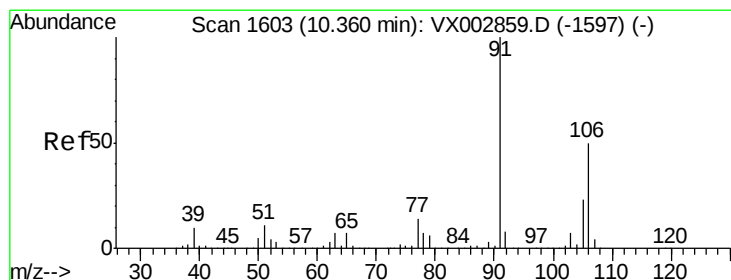
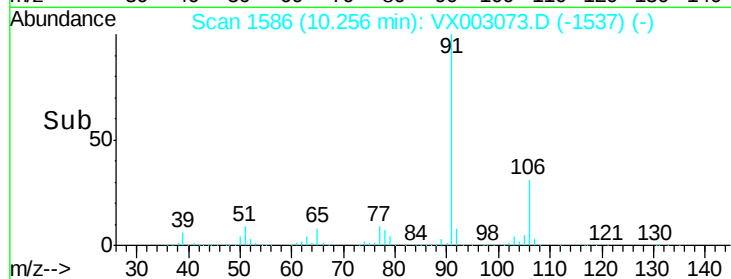
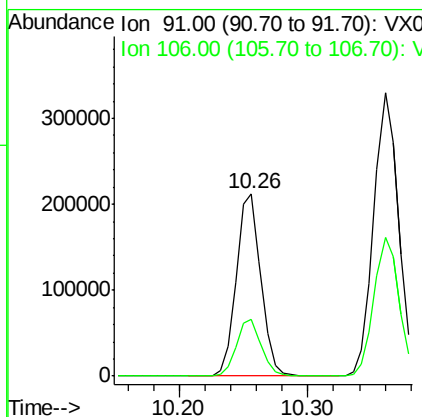
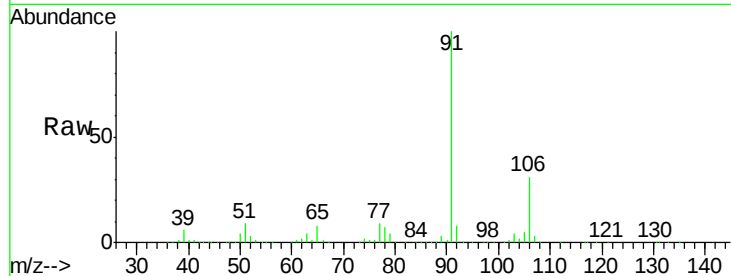
#67
Ethyl Benzene
Concen: 19.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion: 91 Resp: 281535
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

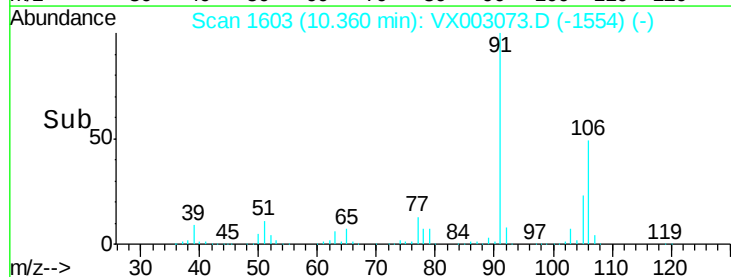
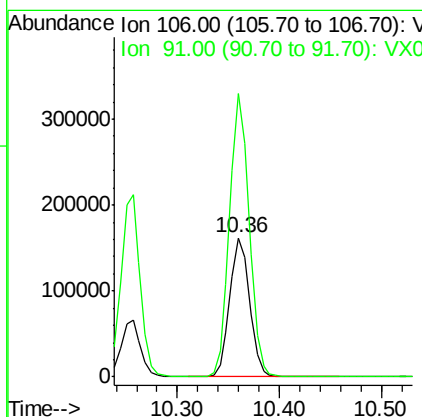
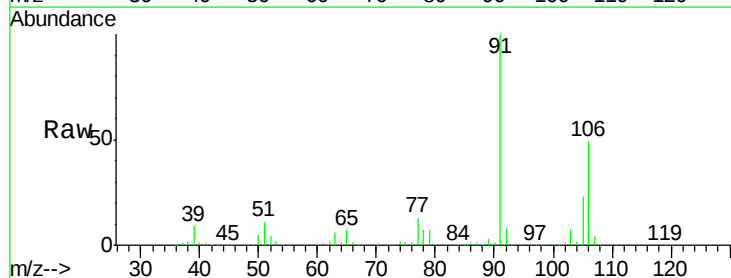
Manual Integrations
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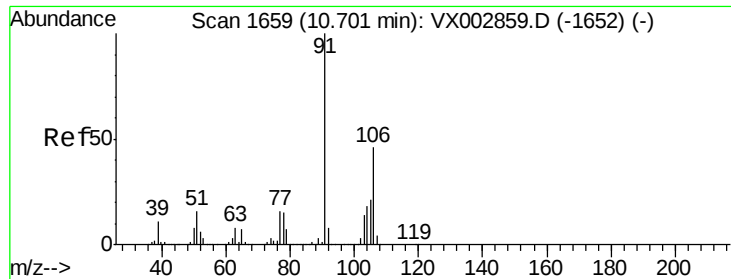
apatel
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#68
m/p-Xylenes
Concen: 39.97 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 106 Resp: 217235
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2





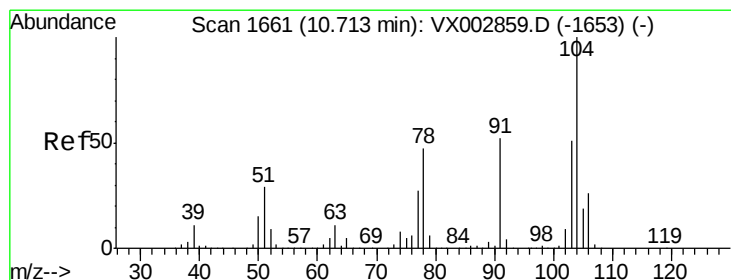
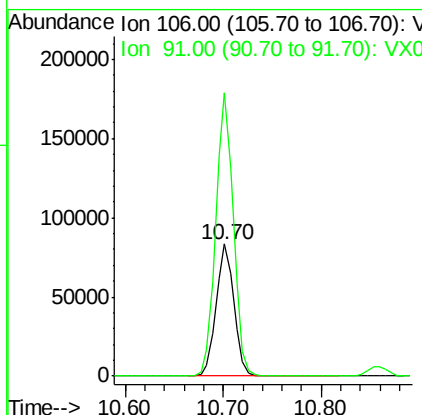
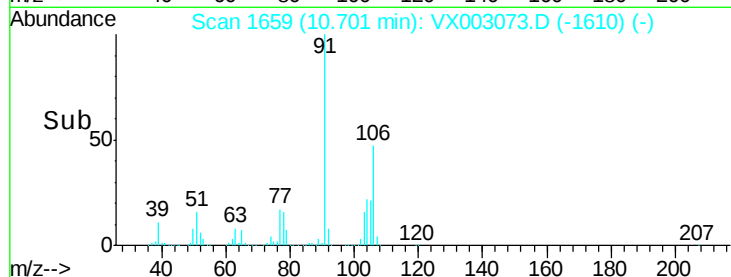
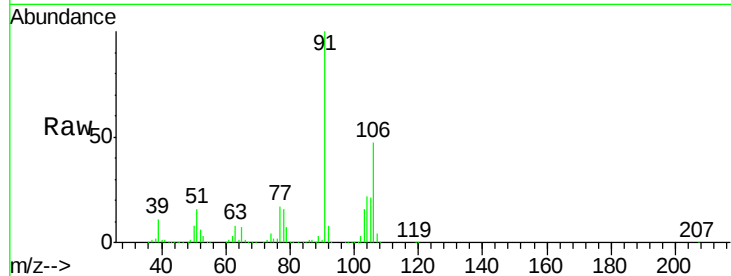
#69
o-Xylene
Concen: 19.89 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion:106 Resp: 105232
Ion Ratio Lower Upper
106 100
91 212.3 108.2 324.6

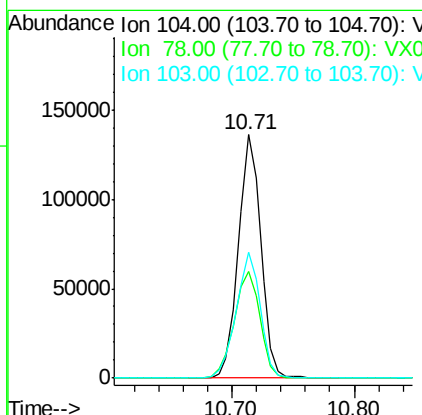
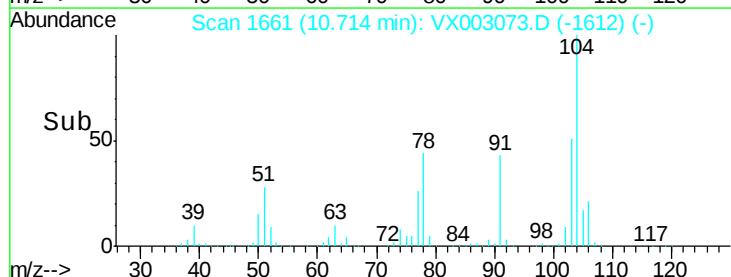
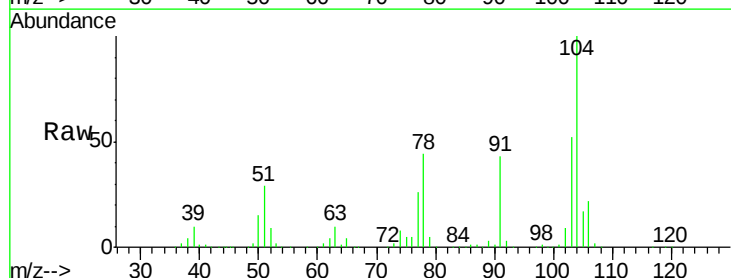
Manual Integrations
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#70
Styrene
Concen: 20.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:104 Resp: 172944
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.6
103 55.6 44.2 66.4





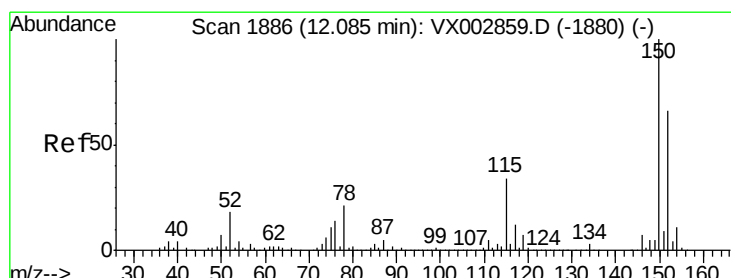
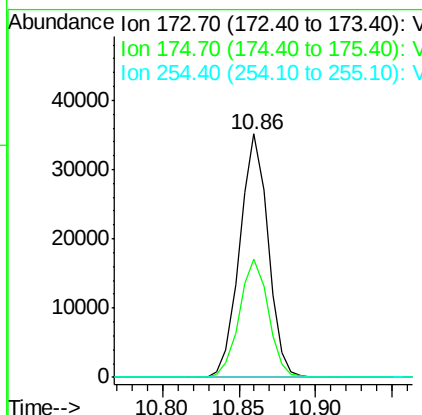
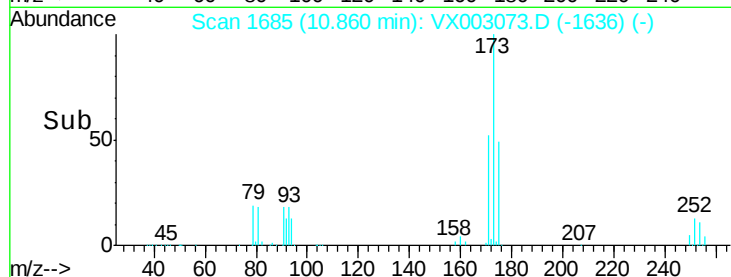
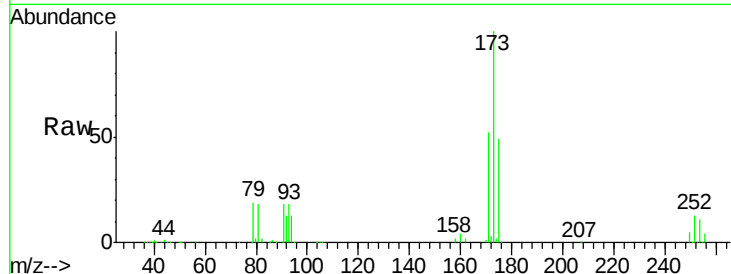
#71
Bromoform
Concen: 18.80 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.3	0.2	0.2

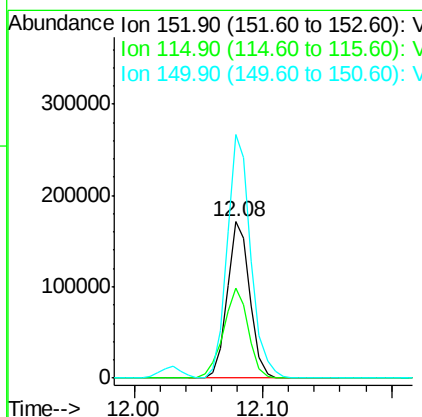
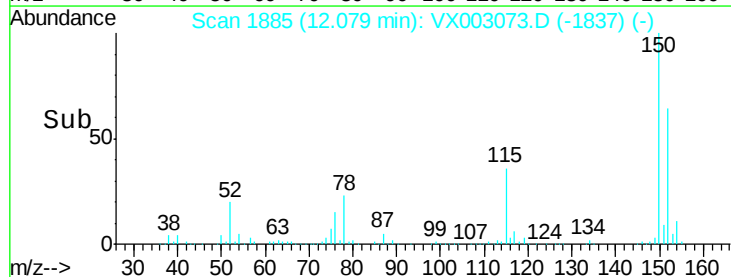
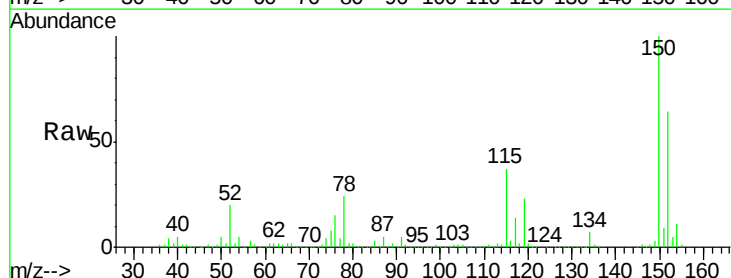
Manual Integrations
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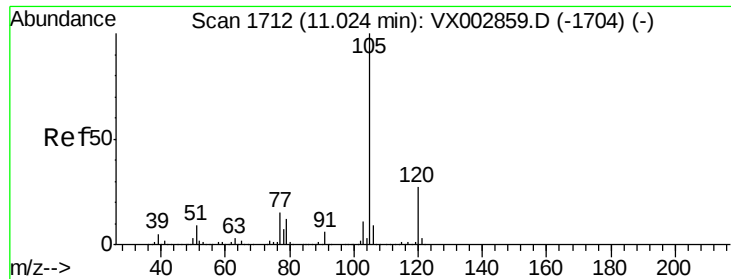
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	40.1	120.2
150	163.9	0.0	347.2





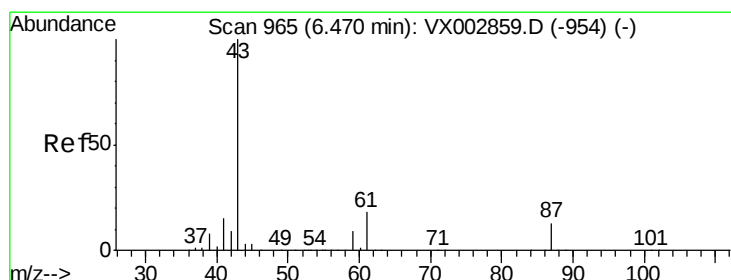
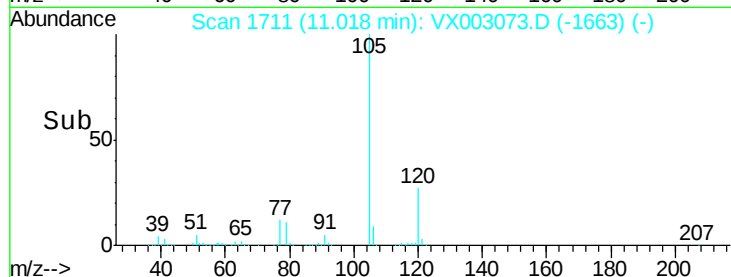
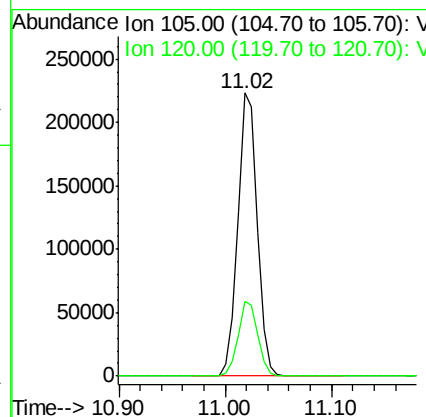
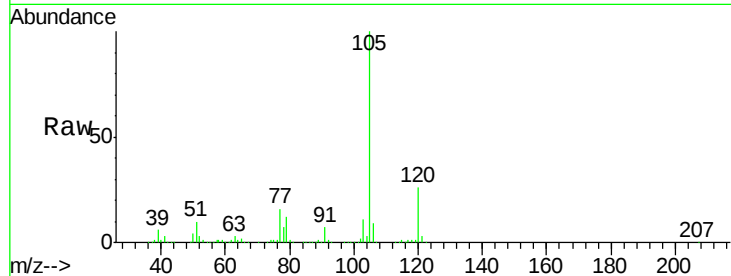
#73
Isopropylbenzene
Concen: 20.31 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

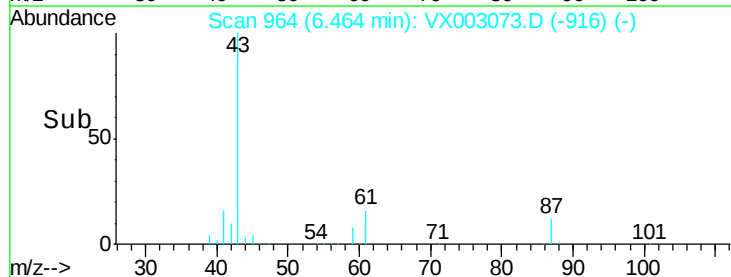
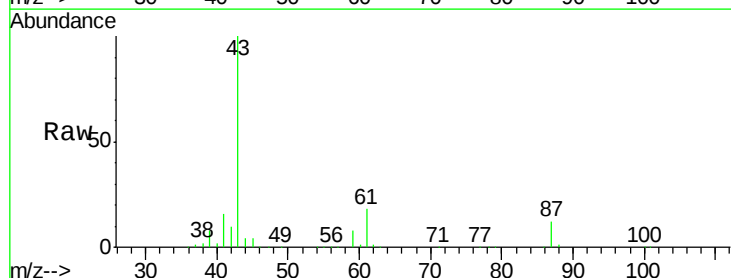
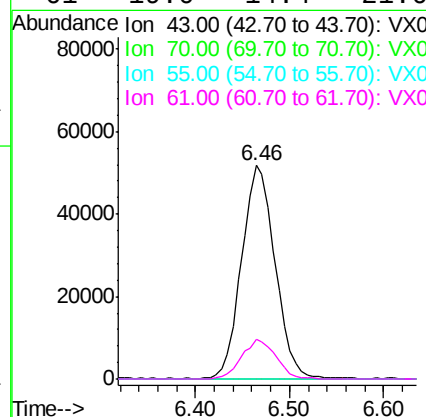
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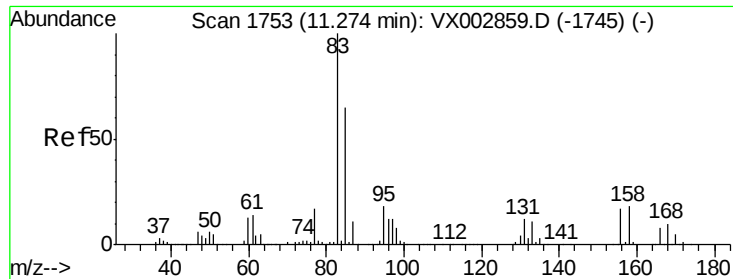
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#74
N-ethyl acetate
Concen: 18.42 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0#
55	0.1	0.0	0.0#
61	19.0	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

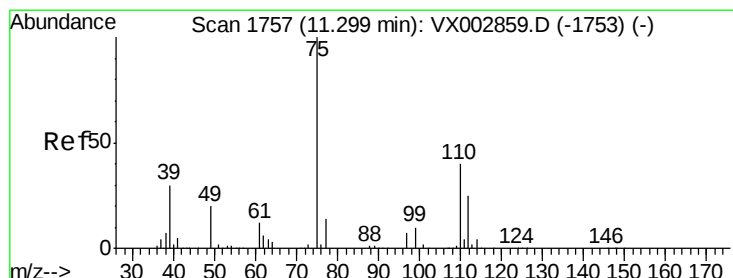
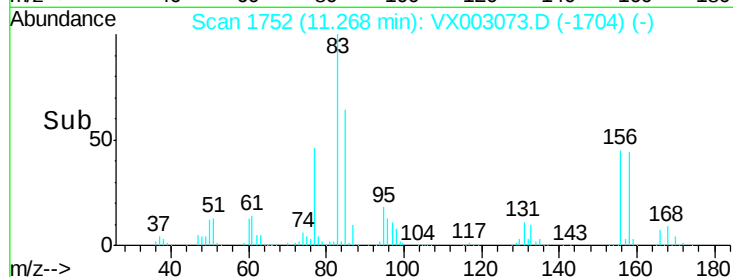
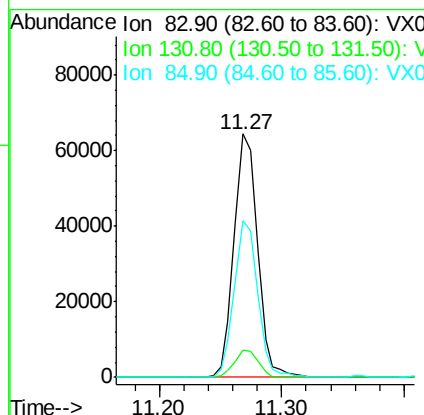
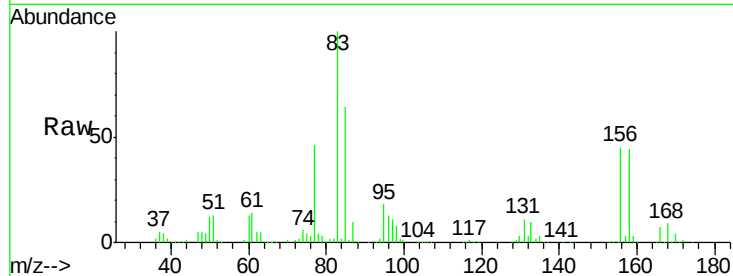
ClientSampled :

VX0630WBS01

Tot Ion:	83	Resp:	85546
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.28 ug/l m

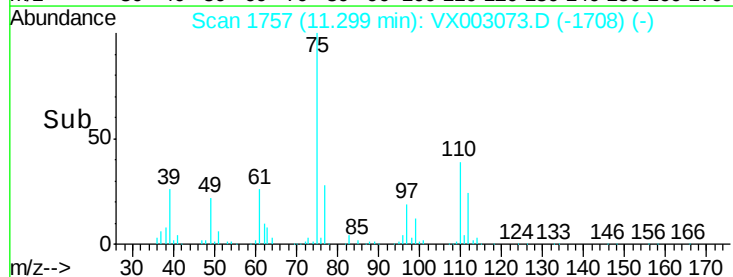
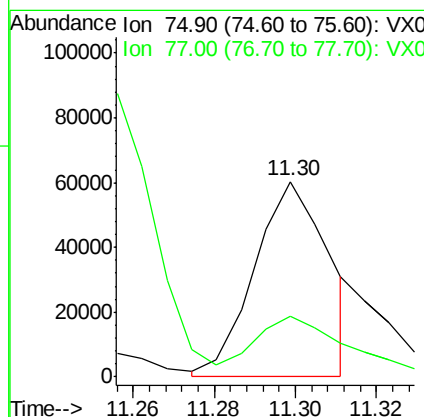
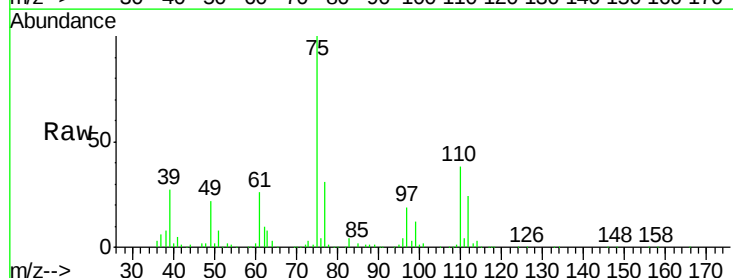
RT: 11.30 min Scan# 1757

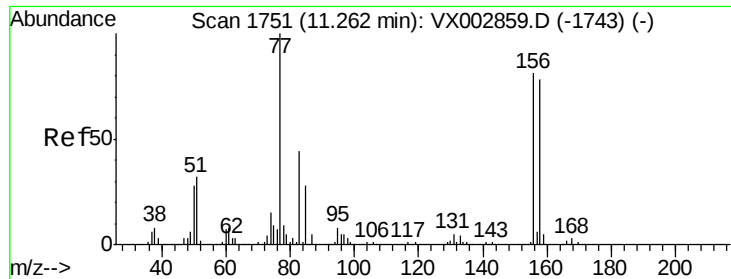
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	75	Resp:	76910
Ion Ratio	Lower	Upper	
75	100		
77	39.2	22.8	68.3





#77

Bromobenzene

Concen: 20.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion:156 Resp: 80648

Ion Ratio Lower Upper

156 100

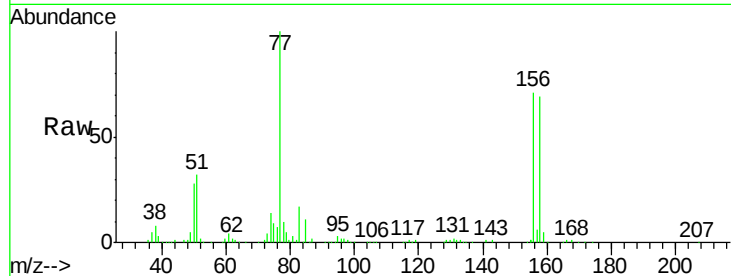
77 136.7 71.4 214.2

158 97.1 48.9 146.6

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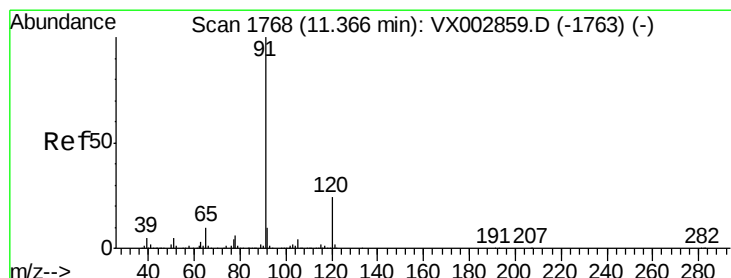
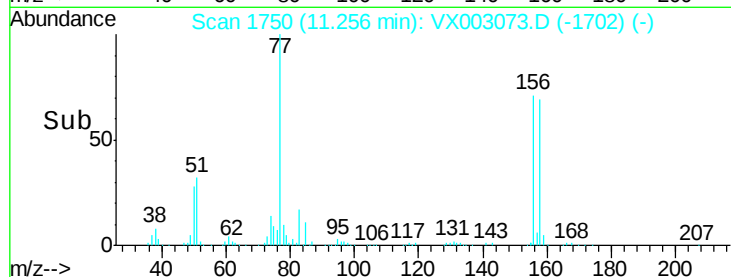
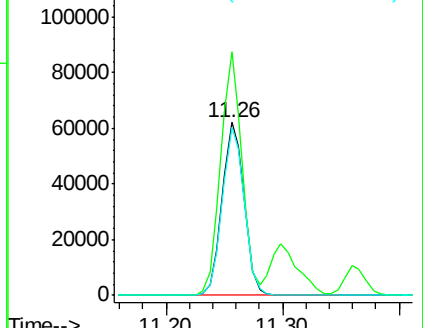
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.19 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003073.D

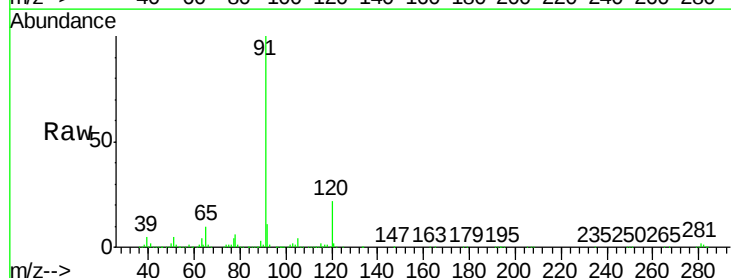
Acq: 30 Jun 2018 12:28

Tgt Ion: 91 Resp: 323690

Ion Ratio Lower Upper

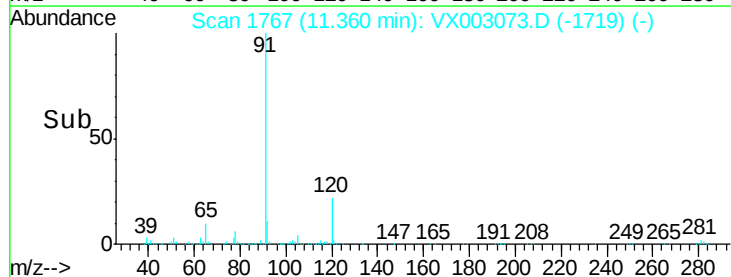
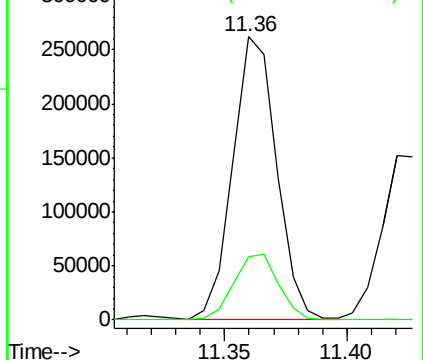
91 100

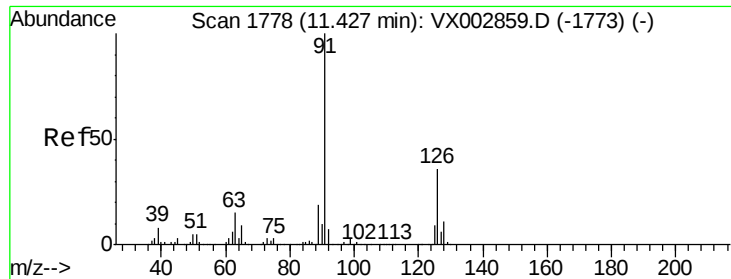
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.11 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 91 Resp: 195237

Ion Ratio Lower Upper

91 100

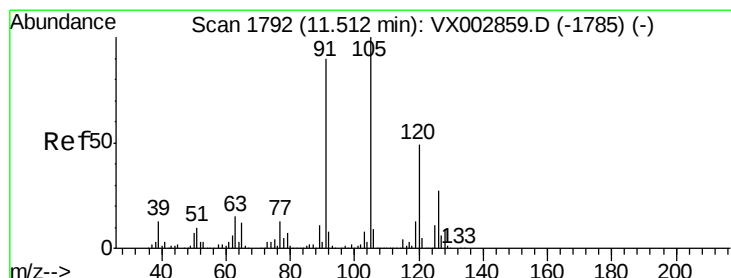
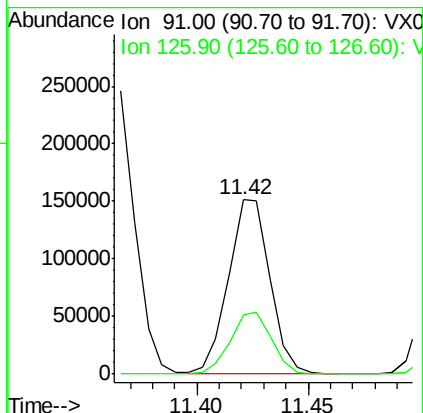
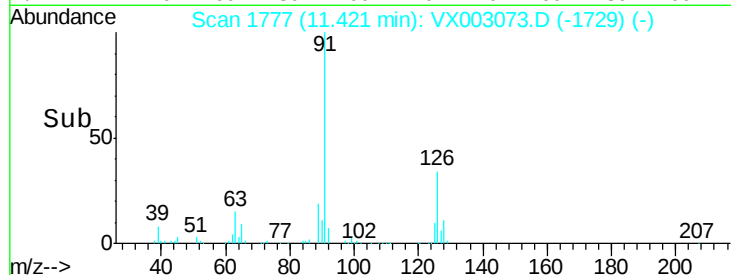
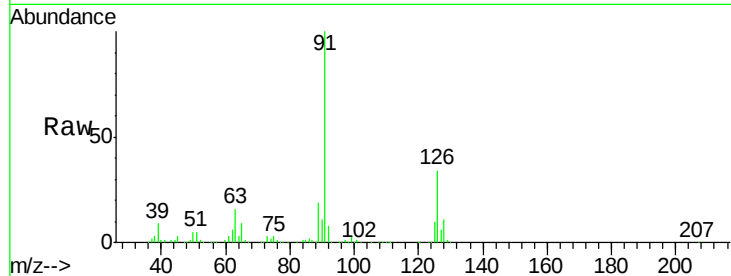
126 35.7 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003073.D

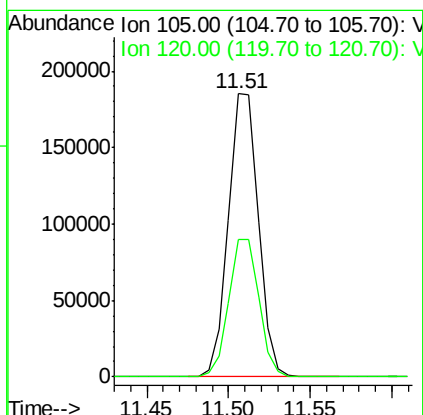
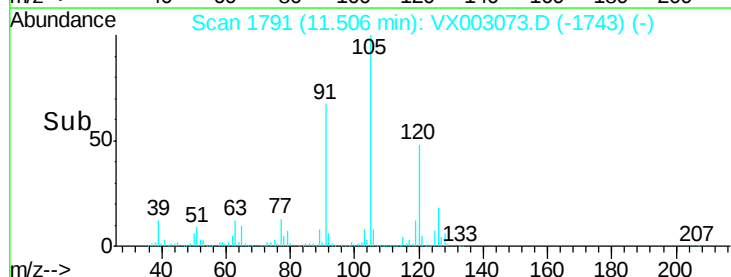
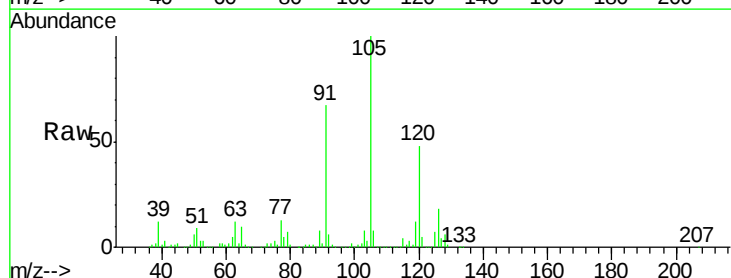
Acq: 30 Jun 2018 12:28

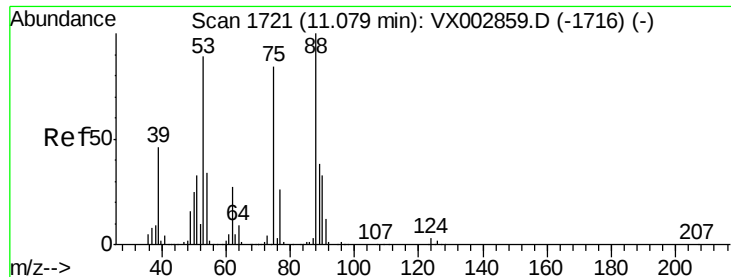
Tgt Ion: 105 Resp: 237881

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





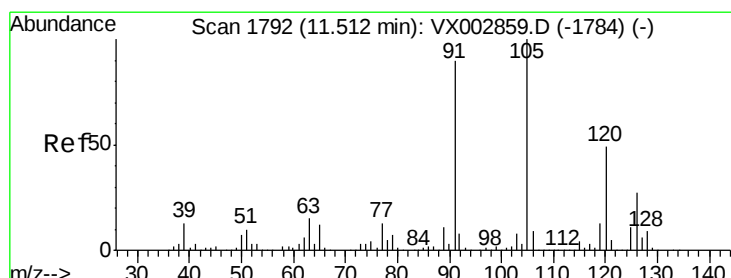
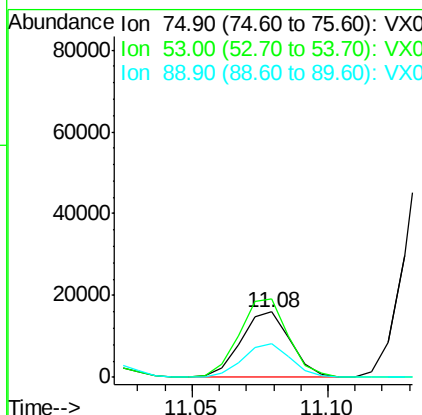
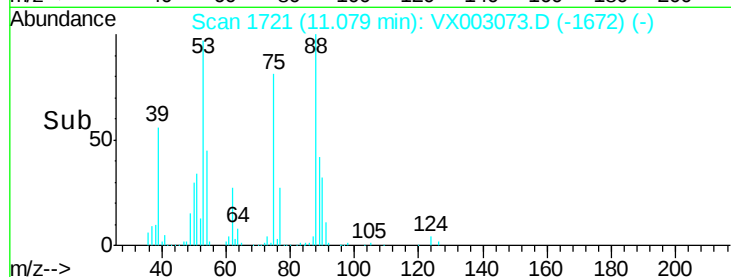
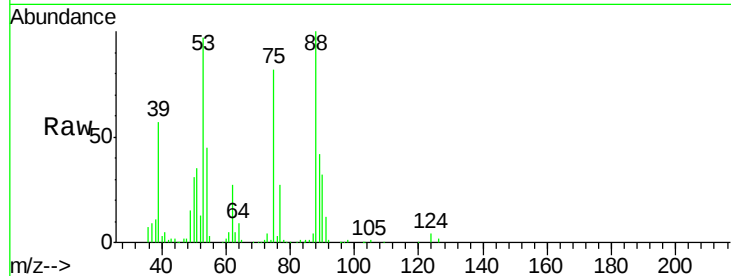
#81
trans-1,4-Dichloro-2-butene
Concen: 17.65 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.5	86.8	130.2
89	51.0	38.2	57.2

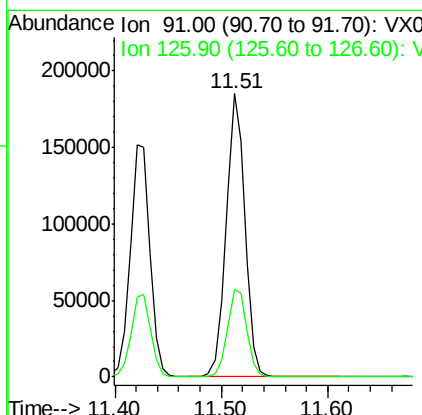
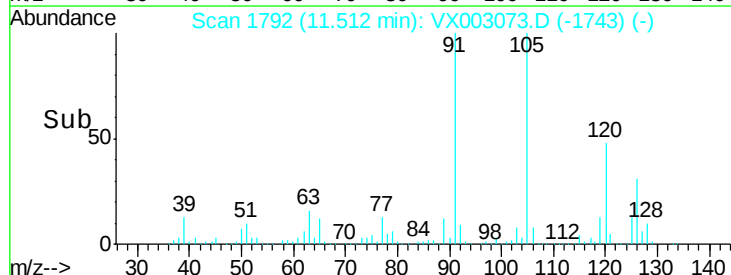
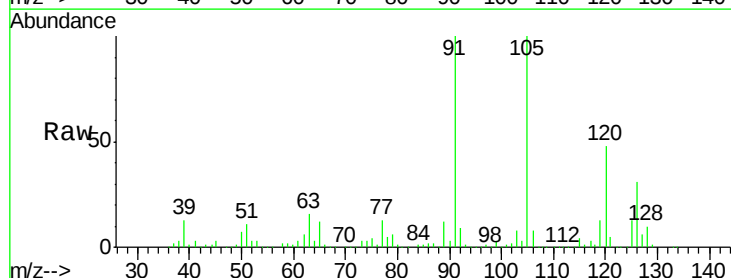
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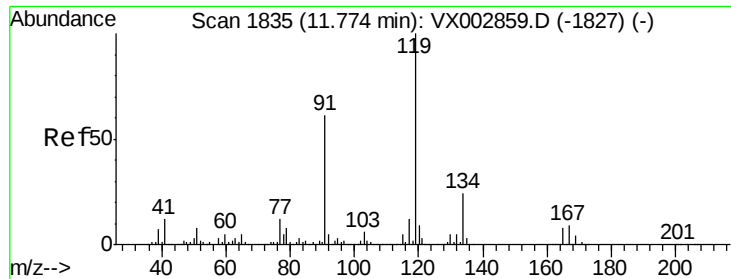
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#82
4-Chlorotoluene
Concen: 19.87 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.4





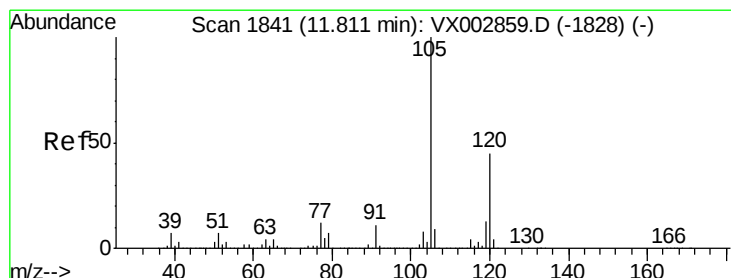
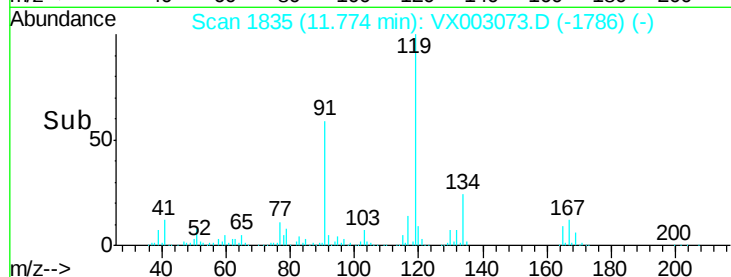
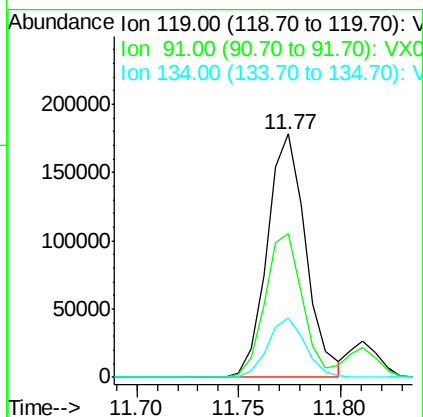
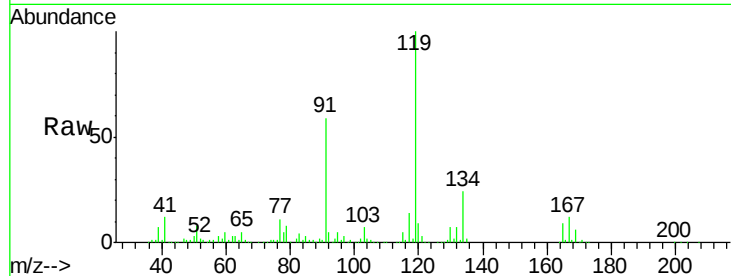
#83
 tert-Butylbenzene
 Concen: 20.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	234599		
91	57.0		30.3	90.9
134	23.8		11.7	35.1

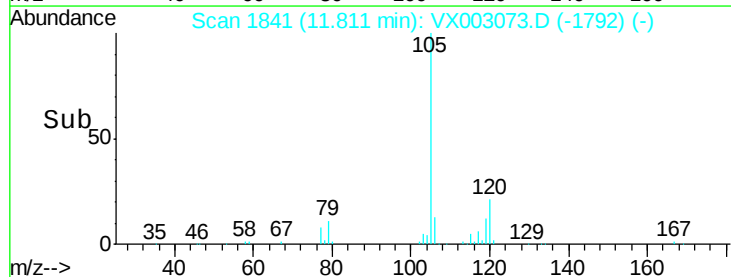
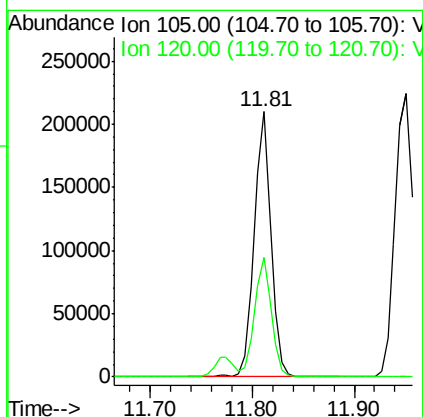
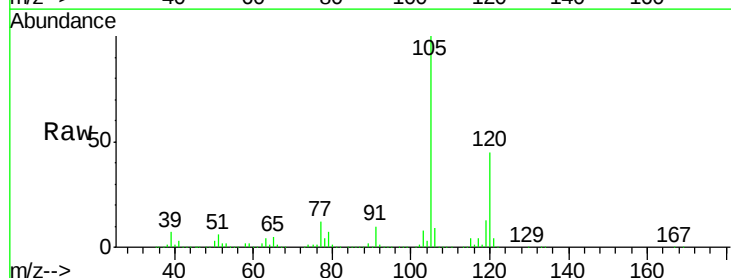
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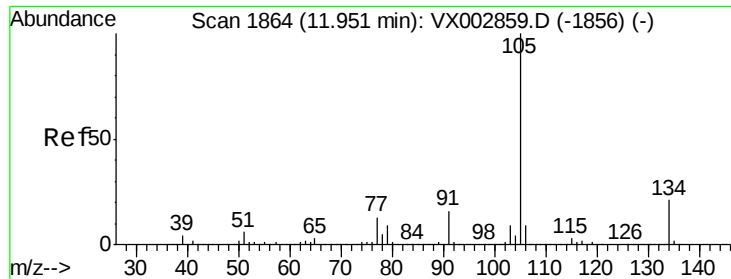
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246337		
120	45.1		22.3	66.8





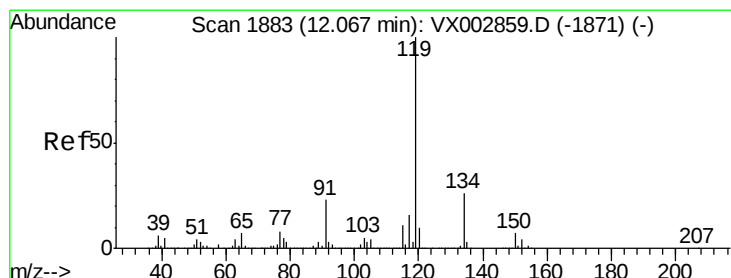
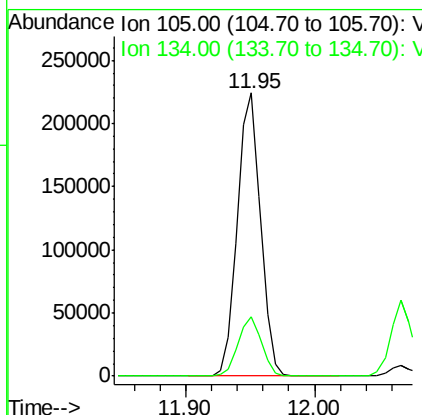
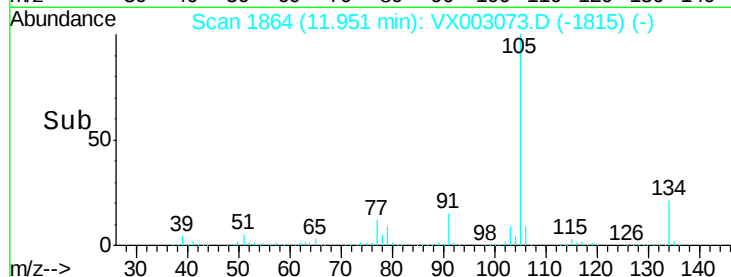
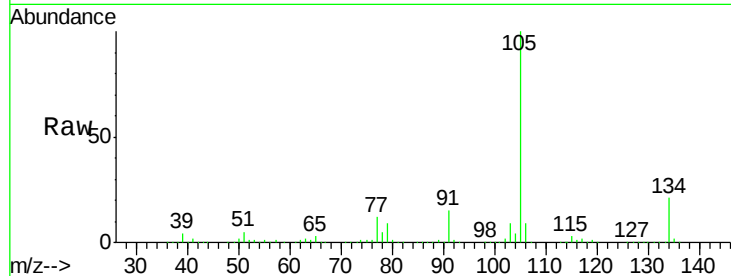
#85
 sec-Butylbenzene
 Concen: 19.81 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.1

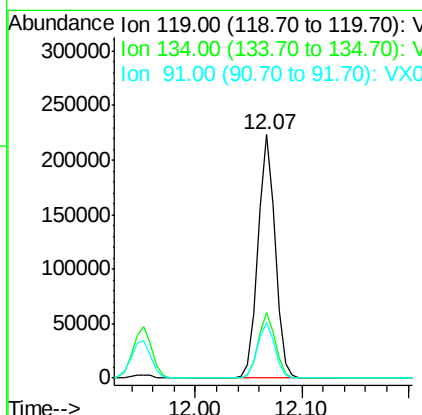
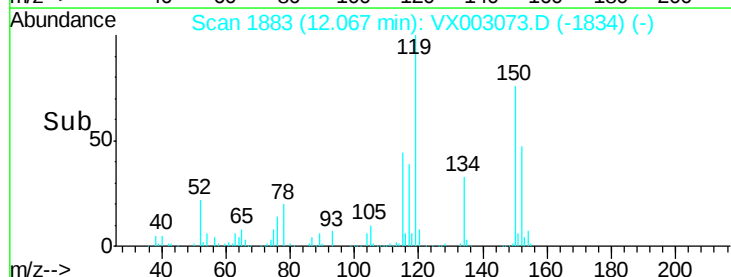
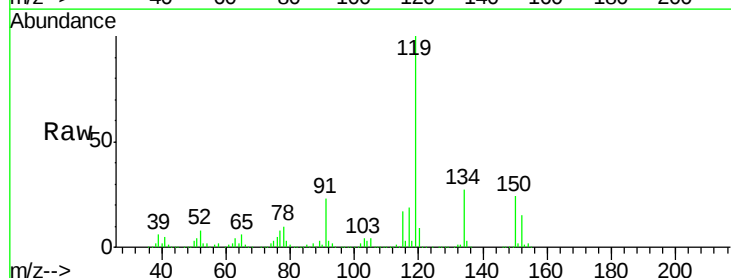
Manual Integrations
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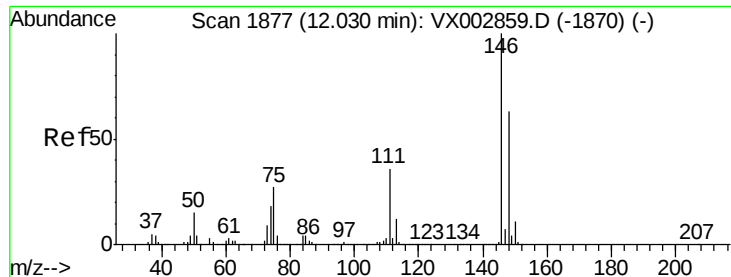
apatel
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#86
 p-Isopropyltoluene
 Concen: 19.87 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	23.3	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 20.05 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

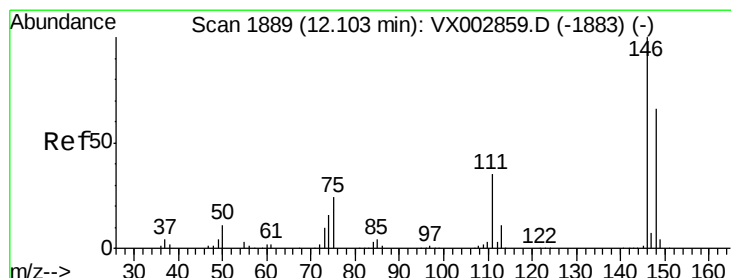
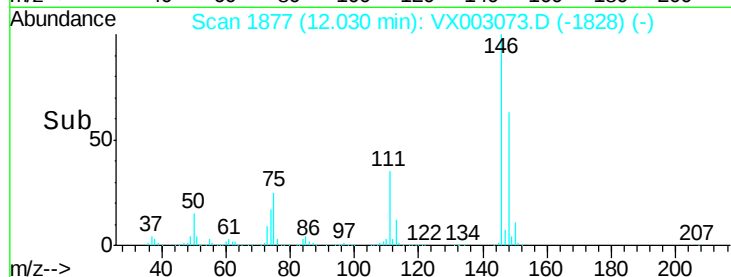
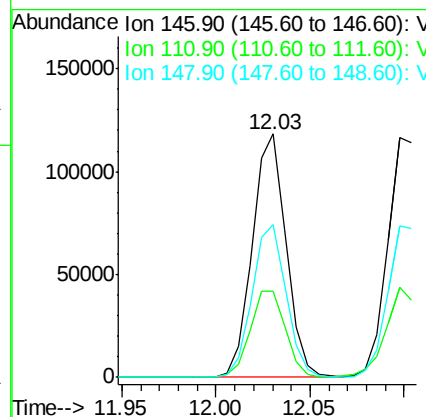
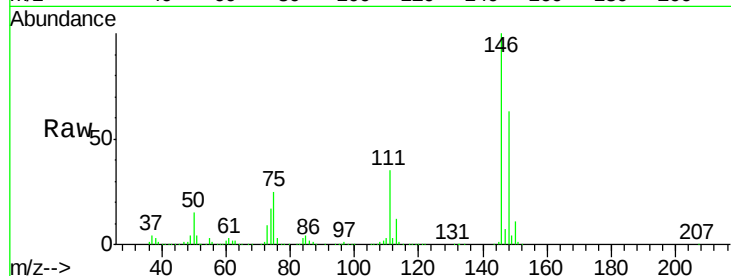
ClientSampled :

VX0630WBS01

Tot Ion:	146	Resp:	146911
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.9	56.7
148	63.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.76 ug/l

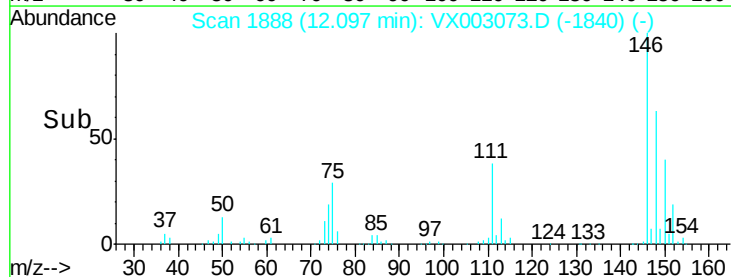
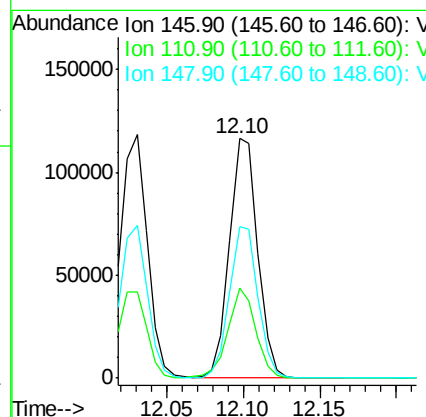
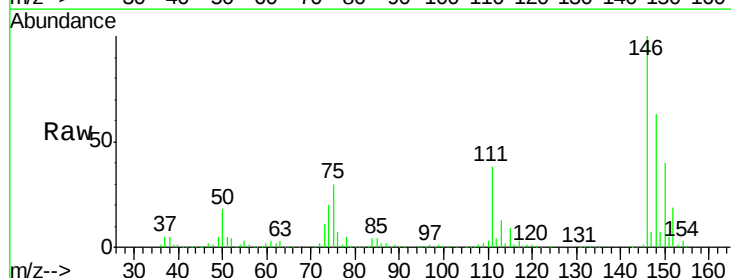
RT: 12.10 min Scan# 1888

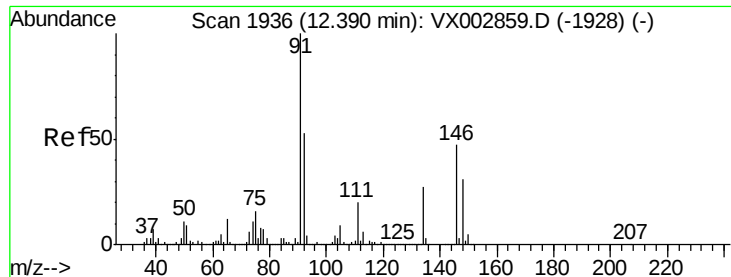
Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	146	Resp:	149027
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.7	56.1
148	64.0	32.4	97.0





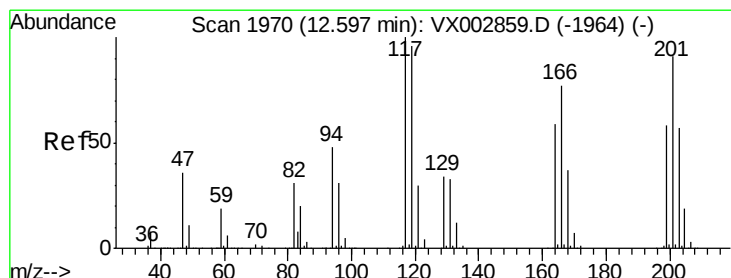
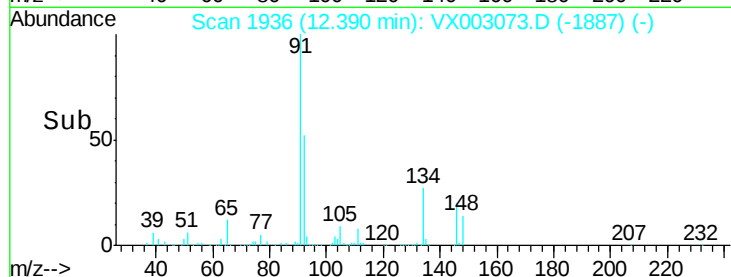
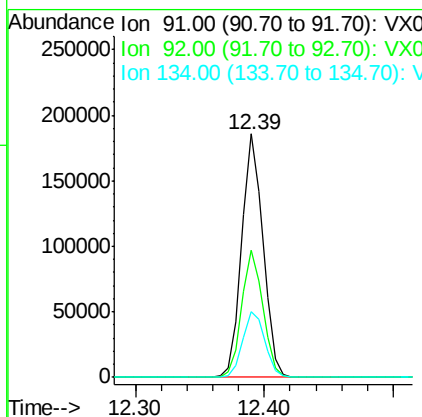
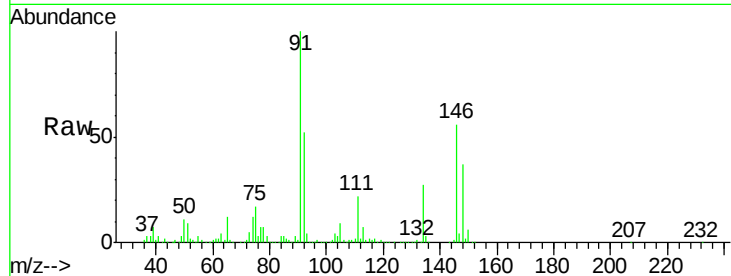
#89
n-Butylbenzene
Concen: 19.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	27.8	13.5	40.5

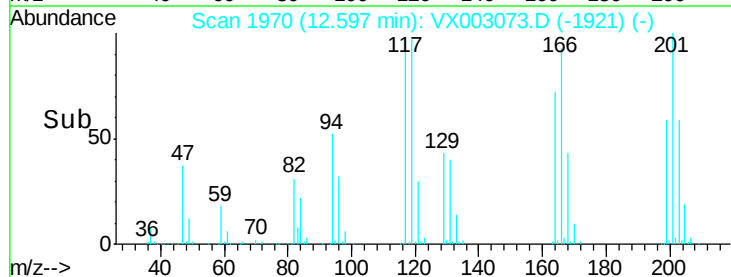
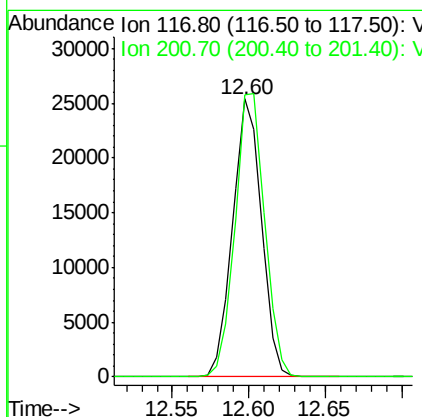
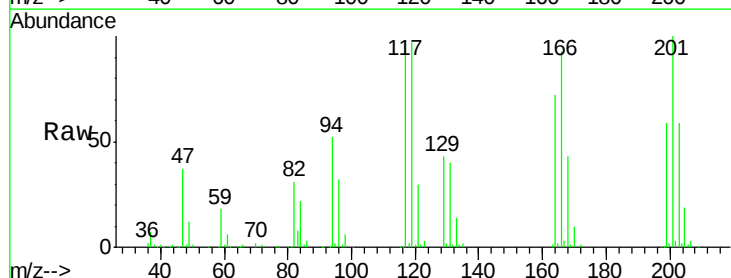
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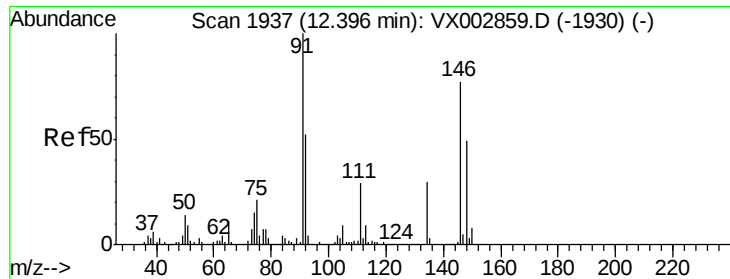
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#90
Hexachloroethane
Concen: 17.47 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.9	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 19.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 146 Resp: 147378

Ion Ratio Lower Upper

146 100

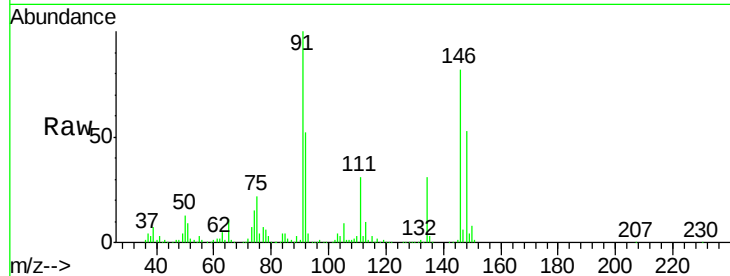
111 38.1 19.4 58.1

148 65.1 31.7 95.1

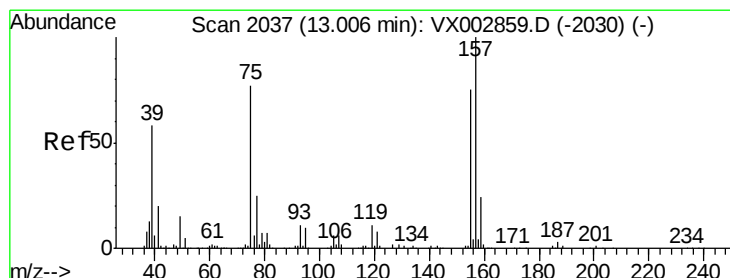
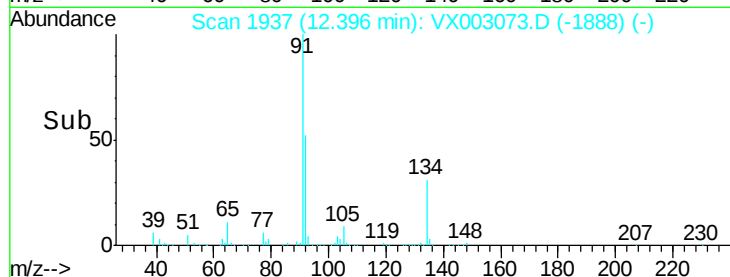
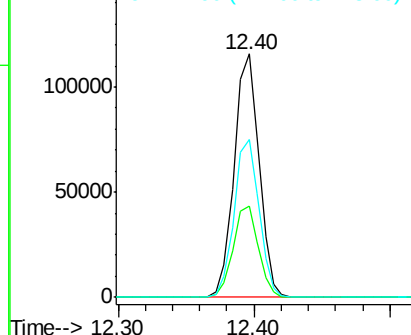
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.55 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

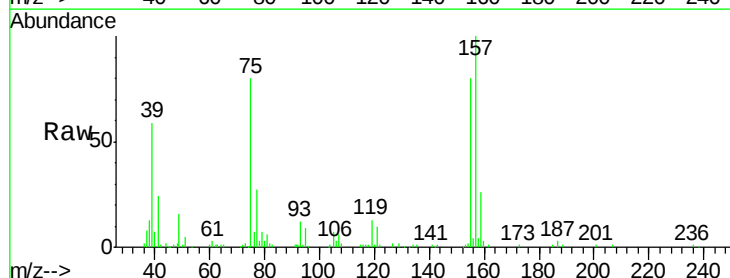
Tgt Ion: 75 Resp: 17117

Ion Ratio Lower Upper

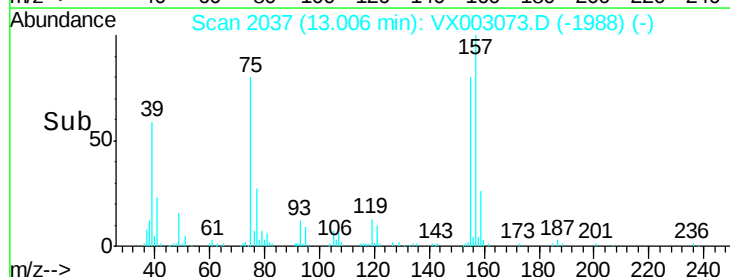
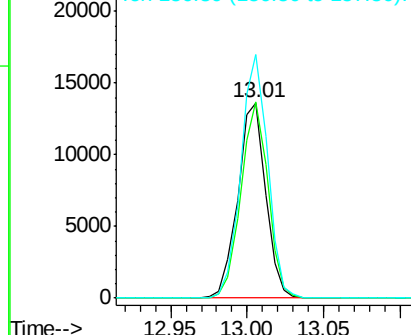
75 100

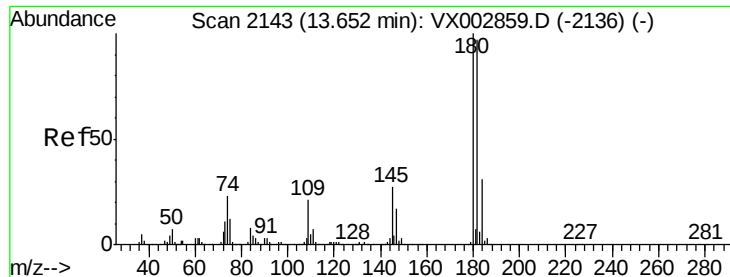
155 97.7 45.8 137.4

157 120.2 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.66 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

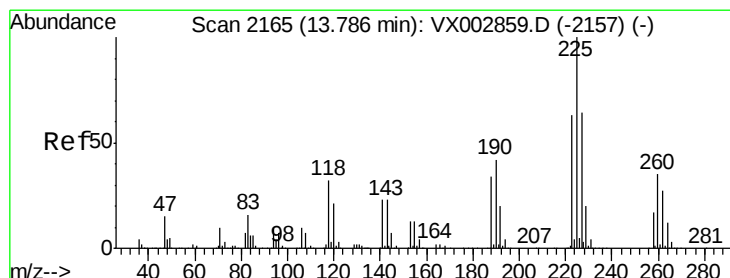
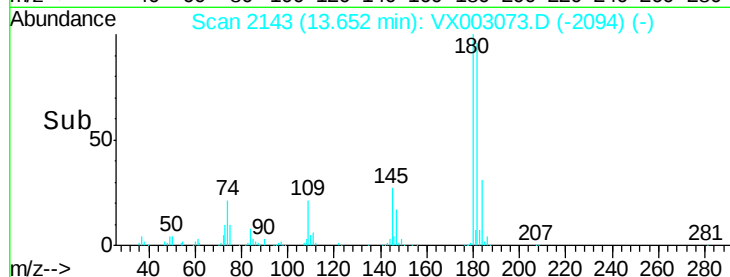
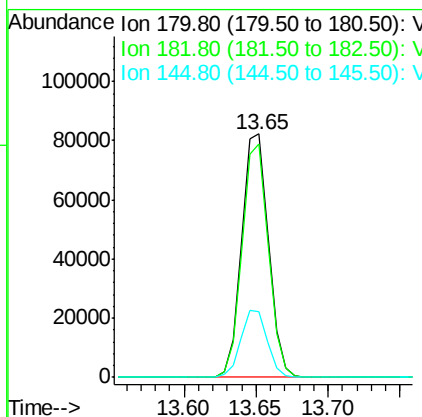
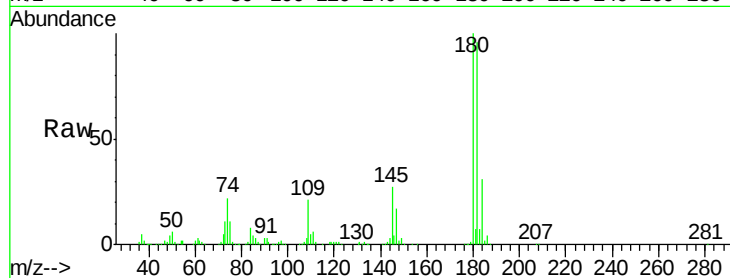
ClientSampled :

VX0630WBS01

Tot Ion:	180	Resp:	105806
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.7	143.1
145	27.3	14.1	42.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 19.84 ug/l

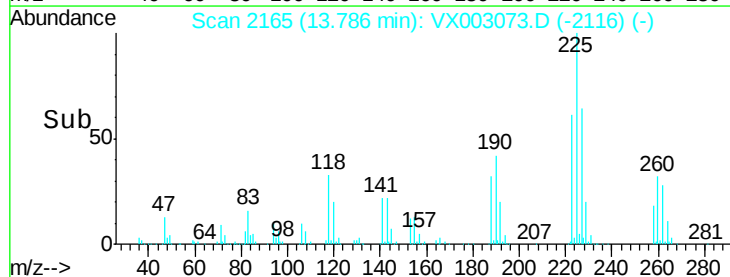
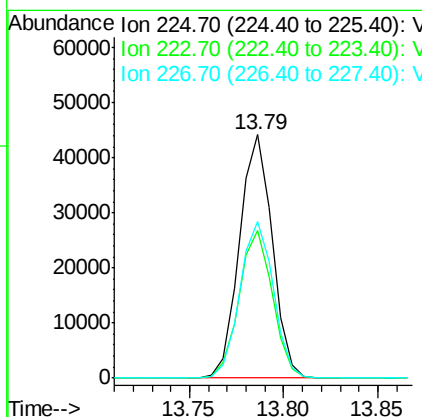
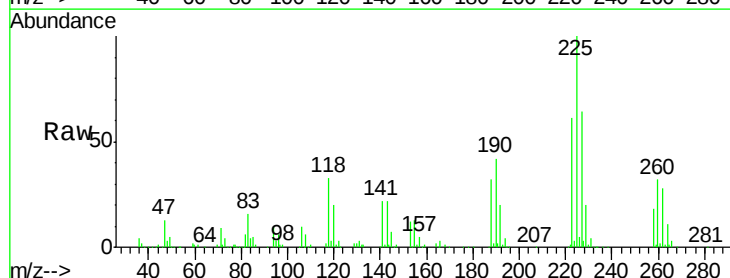
RT: 13.79 min Scan# 2165

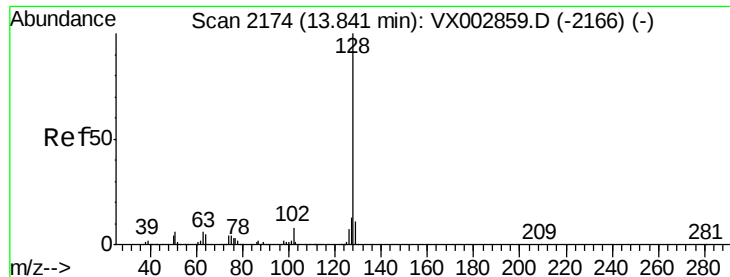
Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion:	225	Resp:	53270
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.6	95.0
227	65.7	32.4	97.2





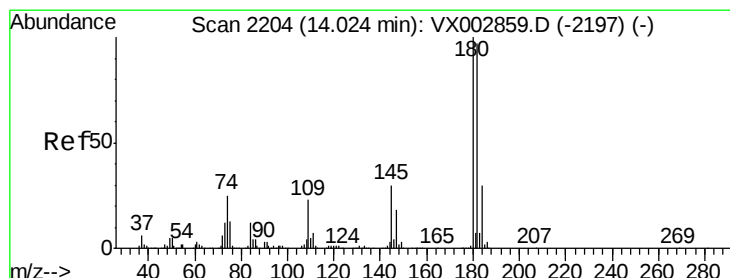
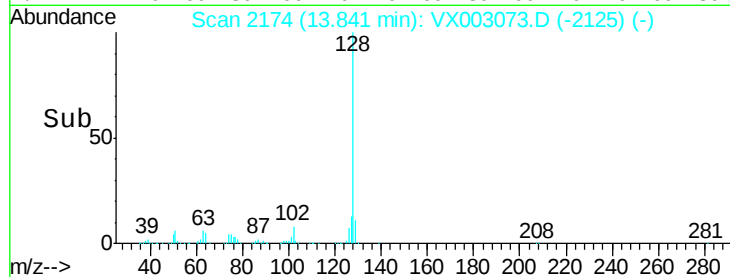
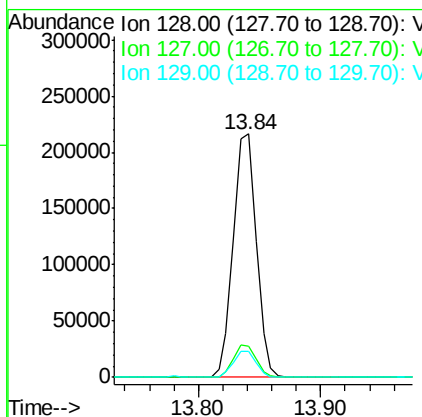
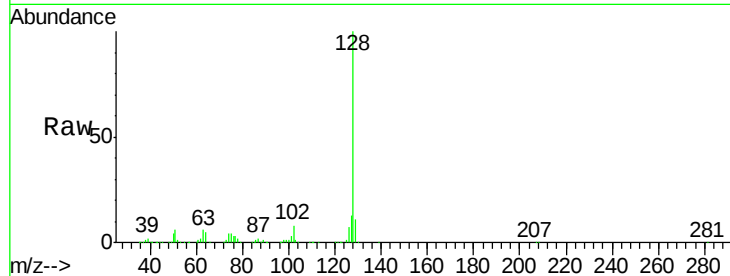
#95
Naphthalene
Concen: 19.60 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	280963		
127	13.2		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.68 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105807		
182	97.1		48.0	144.0
145	29.8		14.8	44.3

