

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003090.D
 Acq On : 30 Jun 2018 20:16
 Operator : JC/MD
 Sample : J3675-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Manual Integrations
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 7/2/2018 4:19:31 PM

Quant Time: Jul 02 04:25:22 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	268582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180090	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.51	113	149253	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.72	98	524817	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	204982	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144734	60.42	ug/l	99
3) Chloromethane	1.32	50	141798	57.12	ug/l	99
4) Vinyl Chloride	1.40	62	163288	53.76	ug/l	# 88
5) Bromomethane	1.64	94	53254	36.84	ug/l	100
6) Chloroethane	1.72	64	97822	55.11	ug/l	99
7) Trichlorofluoromethane	1.93	101	248946	48.59	ug/l	97
8) Diethyl Ether	2.19	74	93634	50.27	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140660	47.38	ug/l	98
10) Methyl Iodide	2.51	142	124908	42.55	ug/l	98
11) Tert butyl alcohol	3.08	59	172900	233.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130053	49.10	ug/l	94
13) Acrolein	2.29	56	65972	162.42	ug/l	100
14) Allyl chloride	2.73	41	253048	48.46	ug/l	95
15) Acrylonitrile	3.15	53	409922	259.51	ug/l	99
16) Acetone	2.45	43	366670	238.50	ug/l	96
17) Carbon Disulfide	2.57	76	335370	47.52	ug/l	99
18) Methyl Acetate	2.78	43	182519	42.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	477144	50.11	ug/l	100
20) Methylene Chloride	2.86	84	144079	48.16	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	140365	48.65	ug/l	92
22) Diisopropyl ether	3.88	45	510094	51.11	ug/l	99
23) Vinyl Acetate	3.83	43	2045301	242.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	268453	49.49	ug/l	100
25) 2-Butanone	4.71	43	604077	264.76	ug/l	98
26) 2,2-Dichloropropane	4.59	77	170129	38.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	171471	53.01	ug/l	92
28) Bromochloromethane	5.02	49	127914	49.26	ug/l	92
29) Tetrahydrofuran	5.17	42	387517	264.85	ug/l	97
30) Chloroform	5.22	83	286065	51.38	ug/l	98
31) Cyclohexane	5.57	56	232330	49.90	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	253129	51.68	ug/l	98
36) 1,1-Dichloropropene	5.80	75	201016	48.89	ug/l	98
37) Ethyl Acetate	4.87	43	214928	48.55	ug/l	99
38) Carbon Tetrachloride	5.78	117	224394	49.74	ug/l	98

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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	226018	47.20	ug/l	96
40) Benzene	6.15	78	605005	50.65	ug/l	100
41) Methacrylonitrile	5.07	41	132958	52.16	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231827	48.04	ug/l	98
43) Isopropyl Acetate	6.47	43	359296	48.40	ug/l	98
44) Trichloroethene	7.22	130	174311	48.94	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159895	50.46	ug/l	99
46) Dibromomethane	7.66	93	108531	49.35	ug/l	95
47) Bromodichloromethane	7.90	83	208650	51.32	ug/l	99
48) Methyl methacrylate	7.78	41	194751	50.91	ug/l	95
49) 1,4-Dioxane	7.76	88	70881	952.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1215750	261.74	ug/l	97
52) Toluene	8.79	92	388131	50.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230984	50.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	217008	48.99	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	161497	51.36	ug/l	98
56) Ethyl methacrylate	9.18	69	247106	53.77	ug/l	94
57) 1,3-Dichloropropane	9.38	76	265434	51.39	ug/l	99
59) 2-Hexanone	9.50	43	926000	262.31	ug/l	96
60) Dibromochloromethane	9.59	129	174739	52.79	ug/l	99
61) 1,2-Dibromoethane	9.68	107	172107	52.18	ug/l	100
64) Tetrachloroethene	9.34	164	170229	43.17	ug/l	99
65) Chlorobenzene	10.14	112	449219	49.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169871	51.92	ug/l	100
67) Ethyl Benzene	10.26	91	787593	52.94	ug/l	99
68) m/p-Xylenes	10.36	106	598849	104.44	ug/l	98
69) o-Xylene	10.70	106	287001	51.40	ug/l	99
70) Styrene	10.71	104	483115	53.25	ug/l	99
71) Bromoform	10.86	173	139155	47.30	ug/l	99
73) Isopropylbenzene	11.02	105	787353	53.12	ug/l	100
74) N-amyl acetate	6.47	43	359296	49.54	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	251577	55.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	235664m	59.05	ug/l	
77) Bromobenzene	11.26	156	220994	52.36	ug/l	96
78) n-propylbenzene	11.37	91	875622	51.90	ug/l	99
79) 2-Chlorotoluene	11.43	91	520206	50.93	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	647058	51.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57323	42.23	ug/l	99
82) 4-Chlorotoluene	11.51	91	613694	50.75	ug/l	99
83) tert-Butylbenzene	11.77	119	658496	53.52	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	674906	52.18	ug/l	98
85) sec-Butylbenzene	11.95	105	757985	50.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	681265	50.77	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	390293	50.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394989	49.79	ug/l	99
89) n-Butylbenzene	12.39	91	563048	48.21	ug/l	99
90) Hexachloroethane	12.60	117	99070	49.64	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	397626	51.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55850	54.41	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	286160	50.53	ug/l	100

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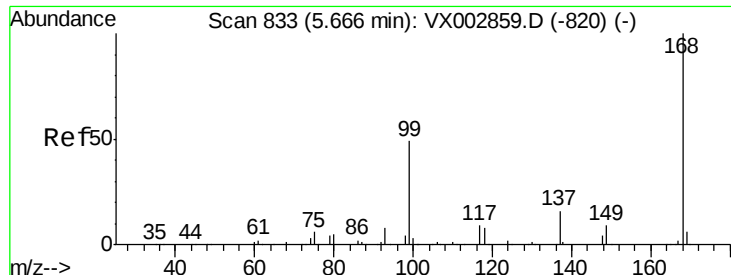
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Quant Time: Jul 02 04:25:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135838	48.10	ug/l	98
95) Naphthalene	13.84	128	852574	56.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292722	51.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion:168 Resp: 268582

Ion Ratio Lower Upper

168 100

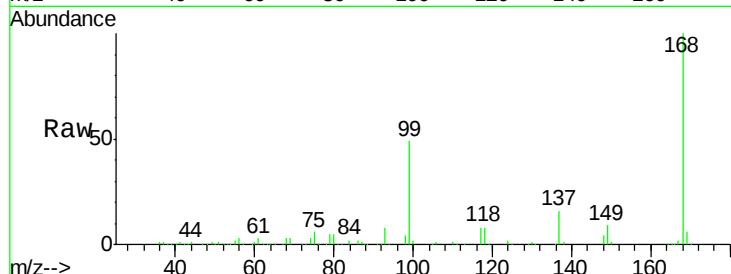
99 48.5 39.3 58.9

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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

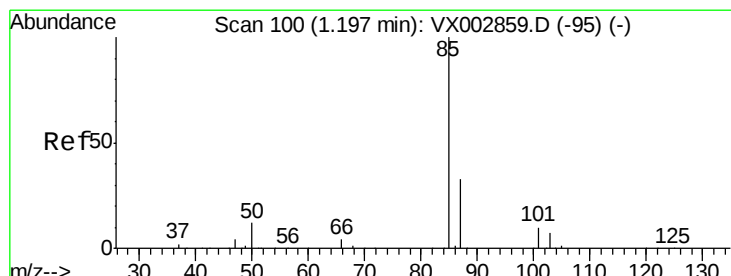
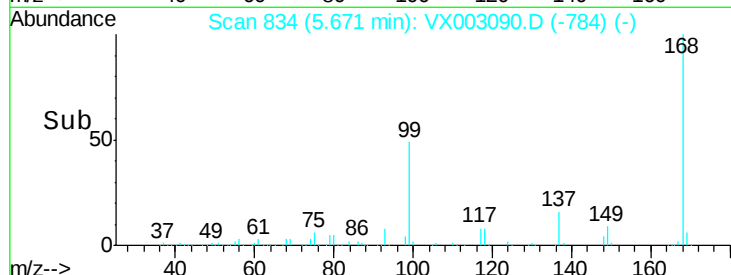
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 60.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003090.D

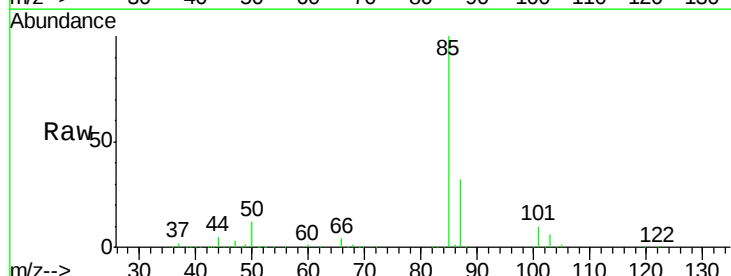
Acq: 30 Jun 2018 20:16

Tgt Ion: 85 Resp: 144734

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

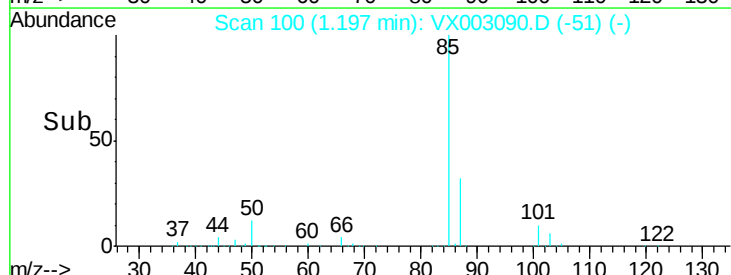
1.15

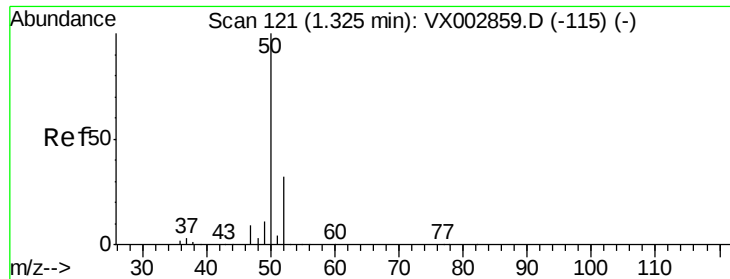
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 57.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MS

Tot Ion: 50 Resp: 141798

Ion Ratio Lower Upper

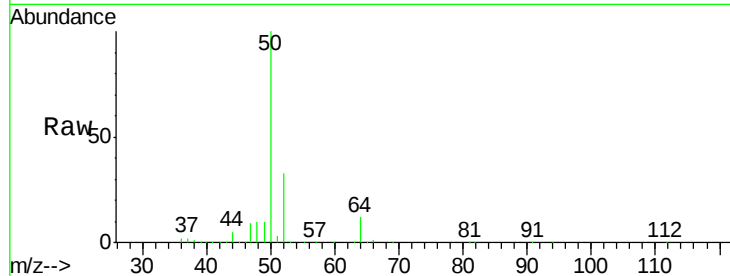
50 100

52 32.7 25.7 38.5

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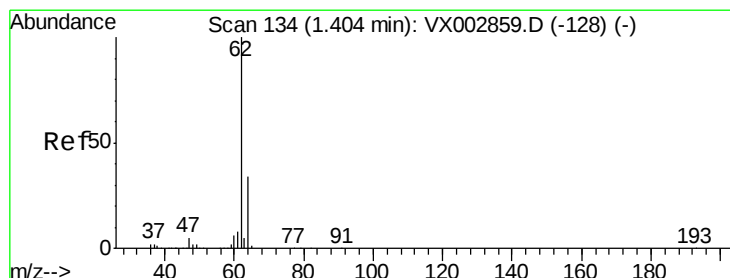
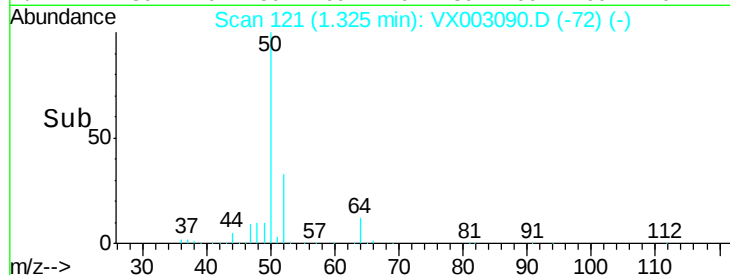
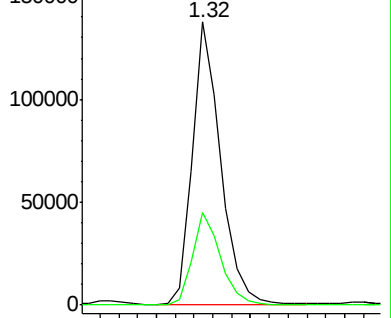
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003090.D

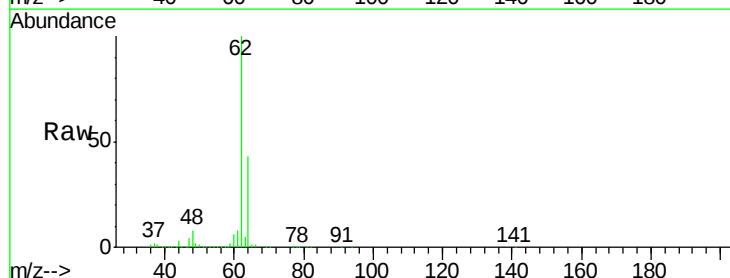
Acq: 30 Jun 2018 20:16

Tgt Ion: 62 Resp: 163288

Ion Ratio Lower Upper

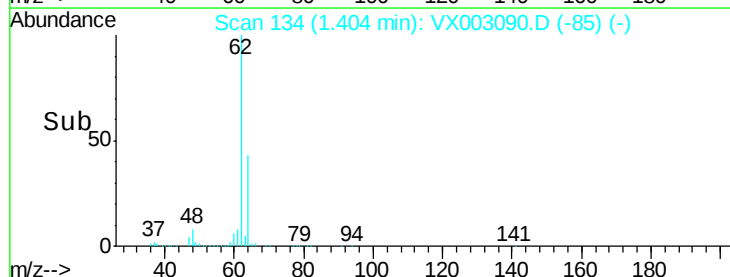
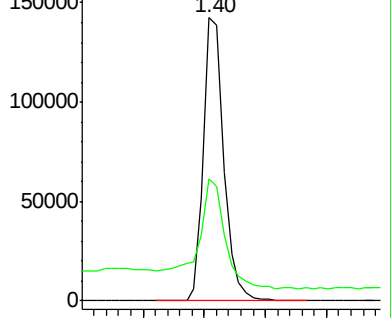
62 100

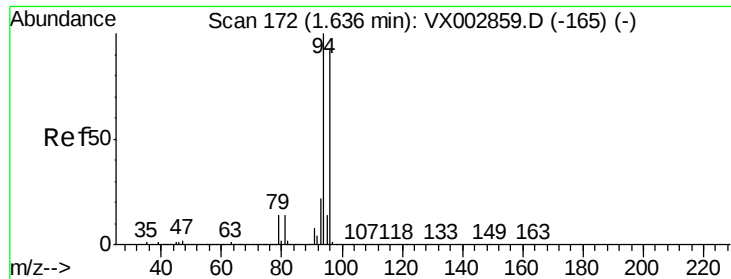
64 38.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 36.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MS

Tot Ion: 94 Resp: 53254

Ion Ratio Lower Upper

94 100

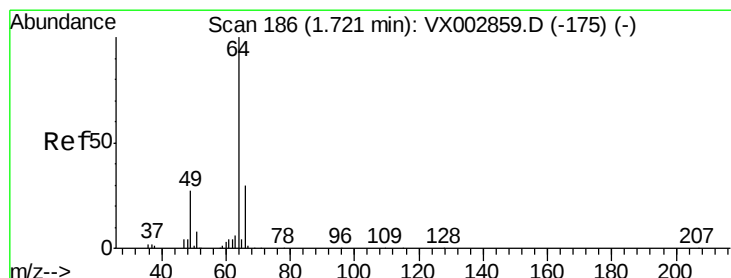
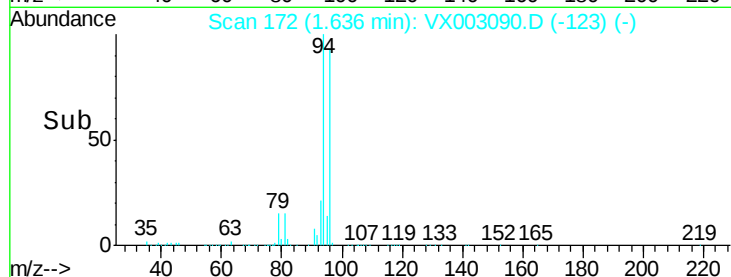
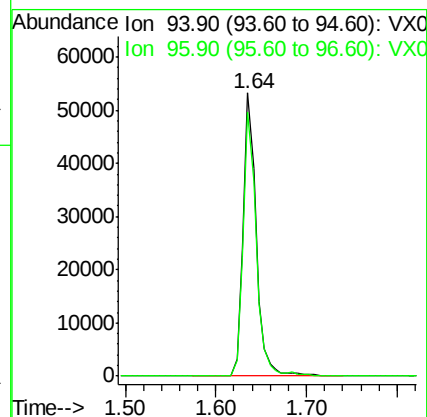
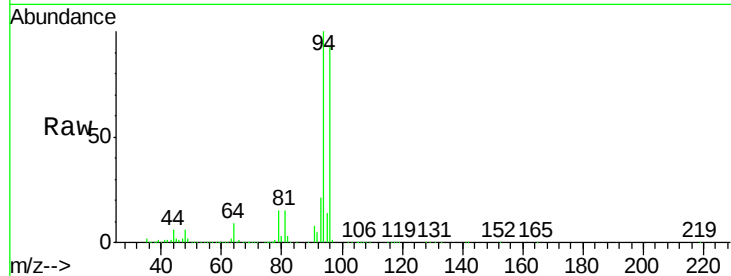
96 93.3 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 55.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003090.D

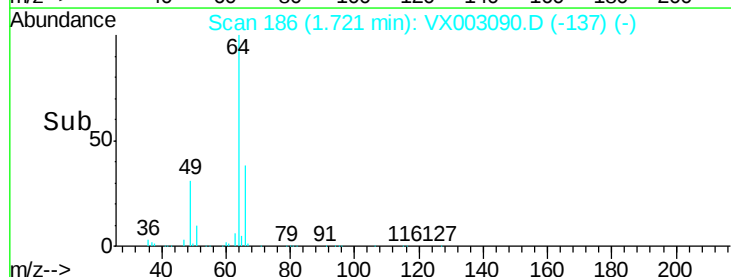
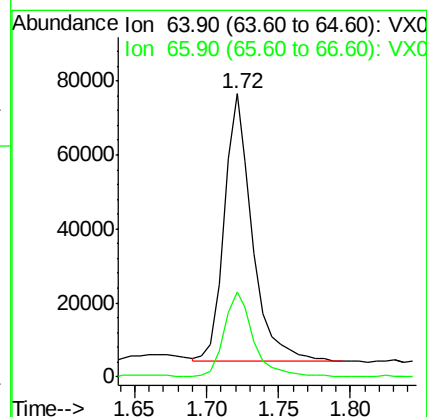
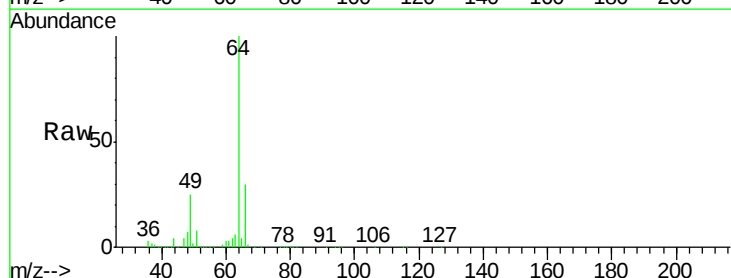
Acq: 30 Jun 2018 20:16

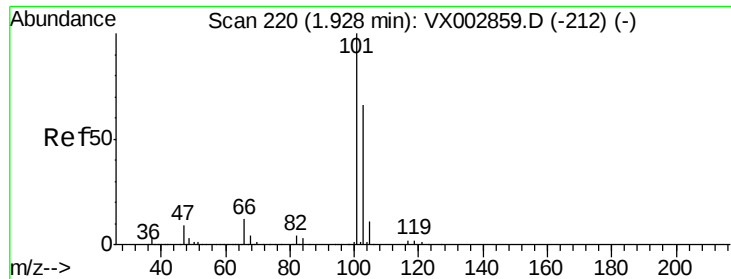
Tgt Ion: 64 Resp: 97822

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

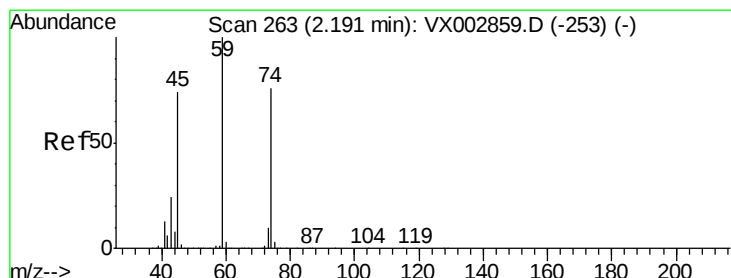
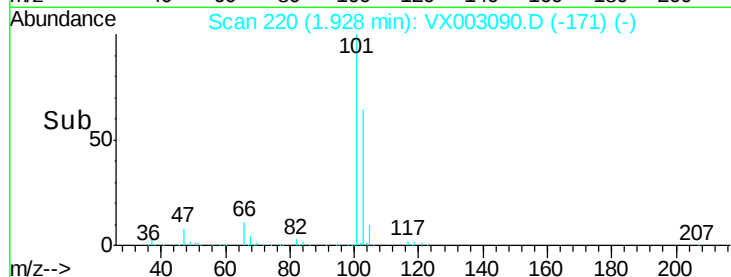
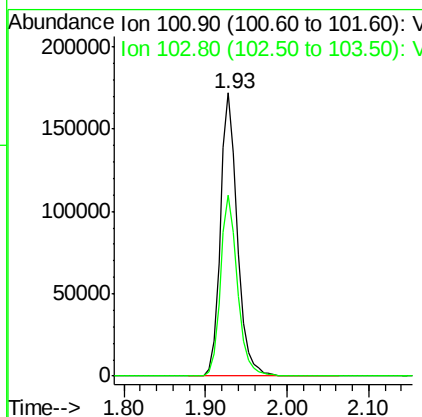
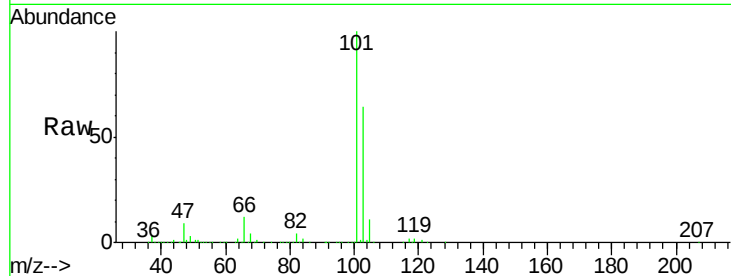
Trichlorofluoromethane
 Concen: 48.59 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

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 S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	248946		
103	63.8	52.8	79.2	

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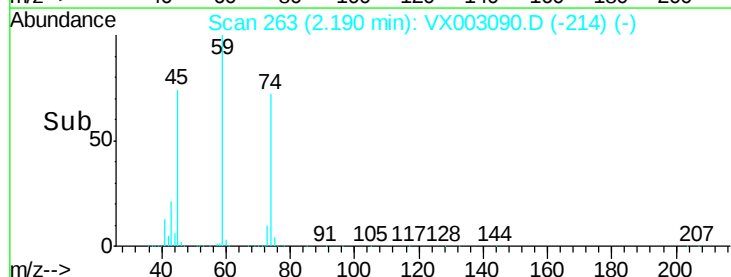
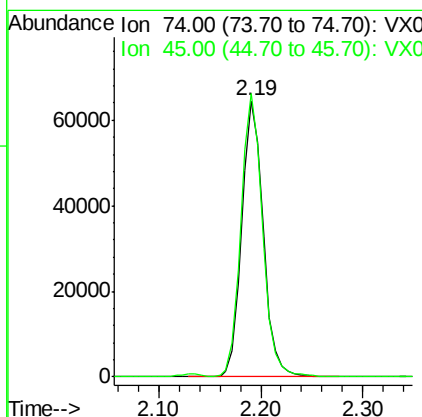
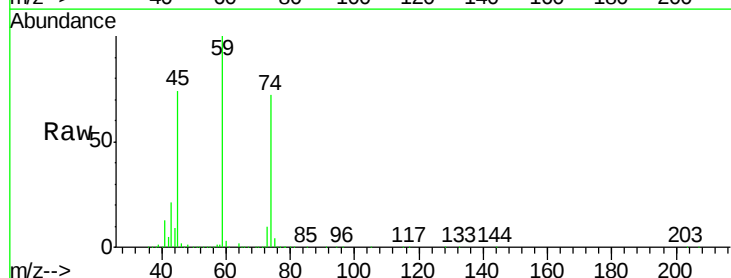
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#8

Diethyl Ether
 Concen: 50.27 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93634		
45	102.3	53.1	159.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.38 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

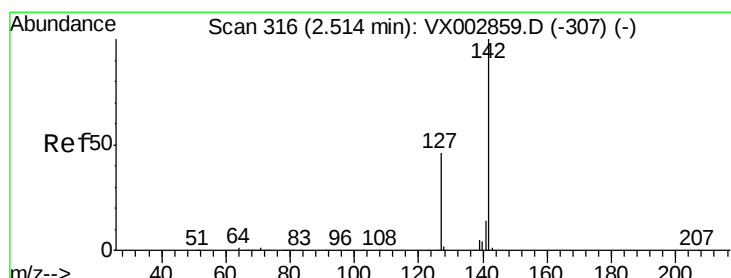
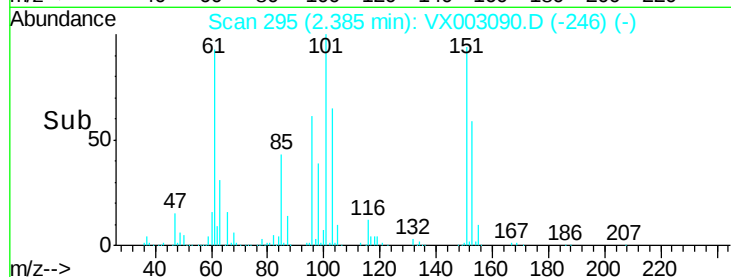
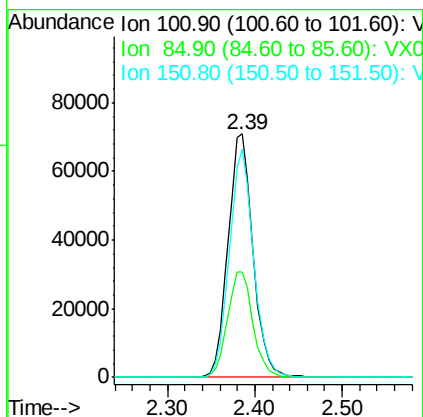
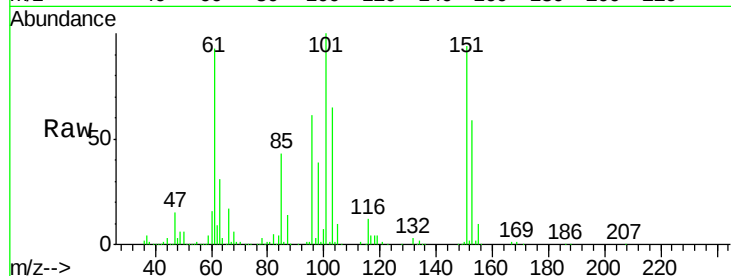
ClientSampleId :

S73-0217MS

Tot Ion:	101	Resp:	140660
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	91.4	70.9	106.3

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#10

Methyl Iodide

Concen: 42.55 ug/l

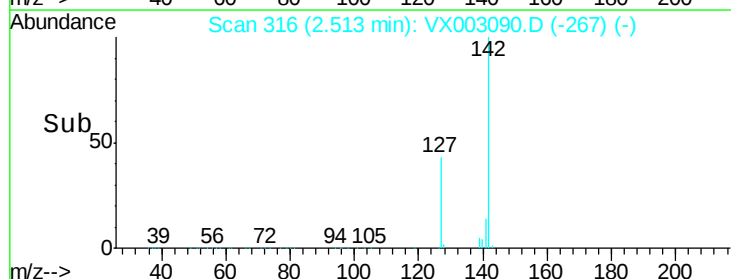
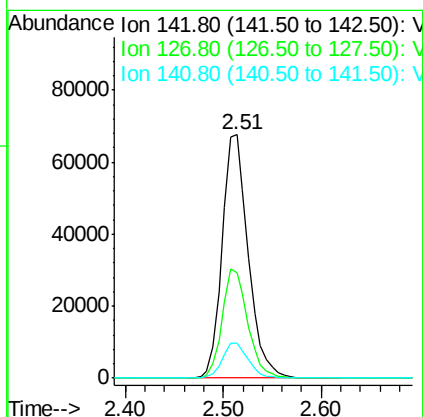
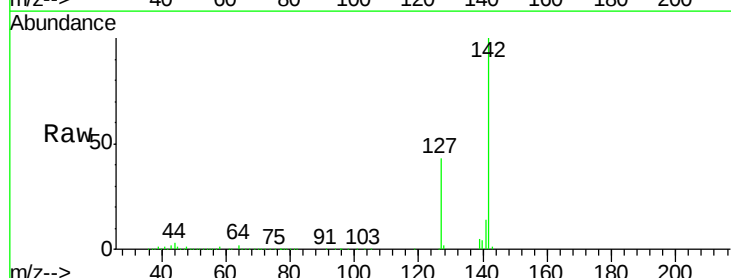
RT: 2.51 min Scan# 316

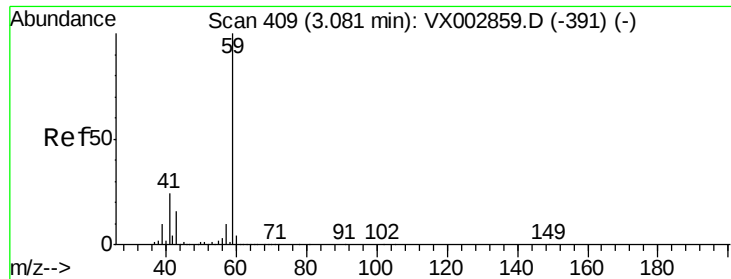
Delta R.T. 0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	142	Resp:	124908
Ion Ratio	Lower	Upper	
142	100		
127	44.1	36.6	55.0
141	14.3	11.3	16.9





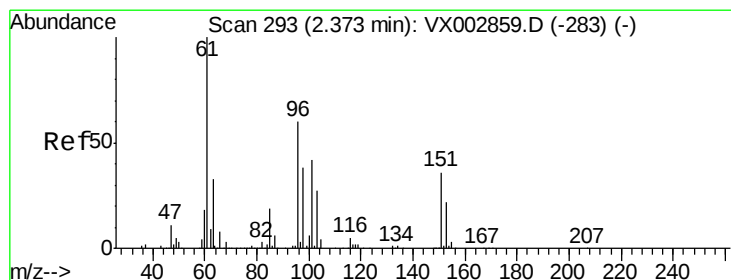
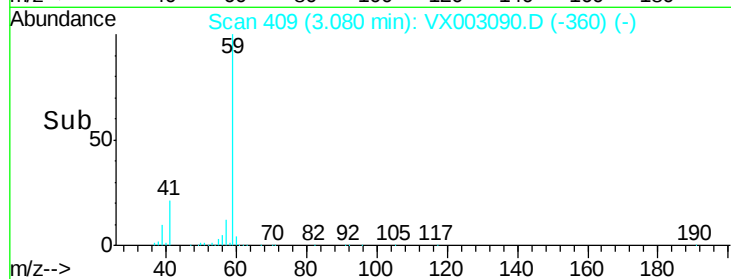
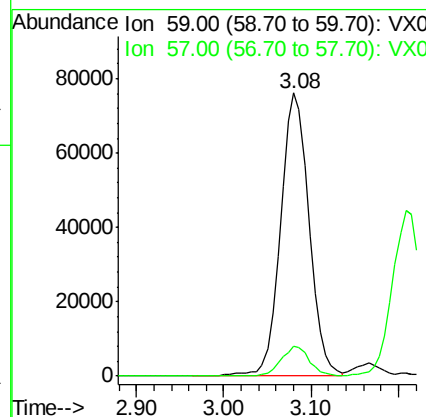
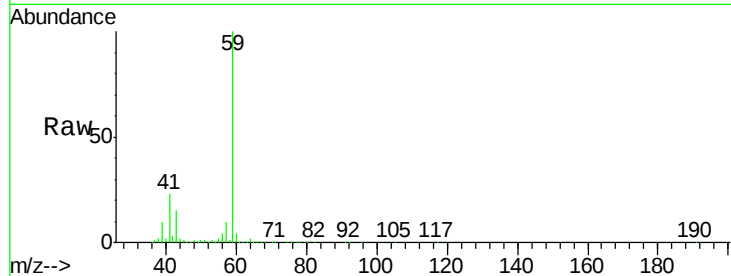
#11
Tert butyl alcohol
Concen: 233.80 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

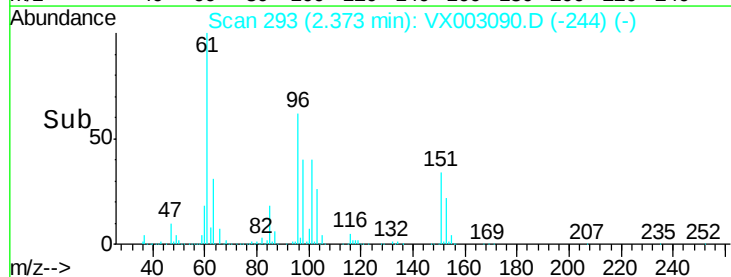
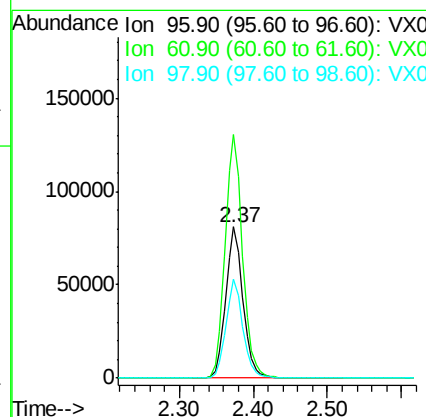
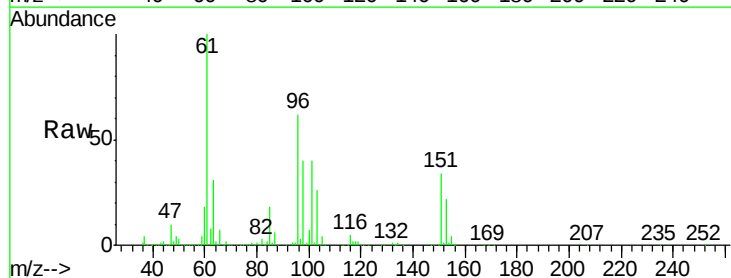
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 49.10 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	137.9	206.9
98	65.1	51.6	77.4





#13

Acrolein

Concen: 162.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MS

Tot Ion: 56 Resp: 65972

Ion Ratio Lower Upper

56 100

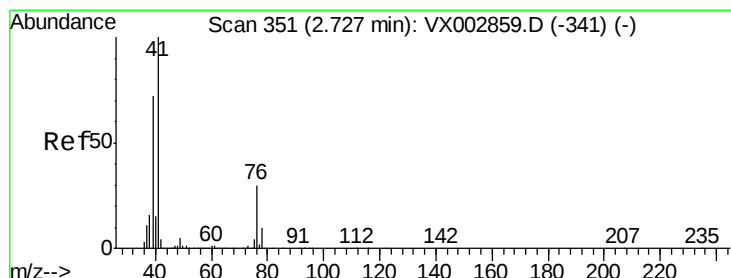
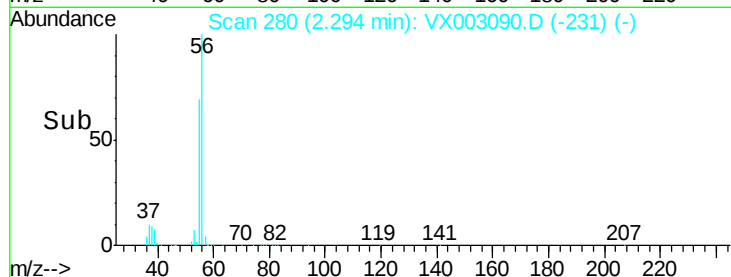
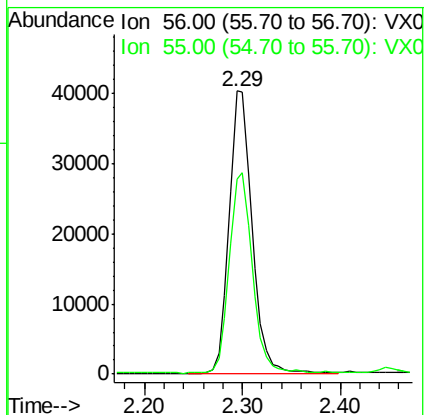
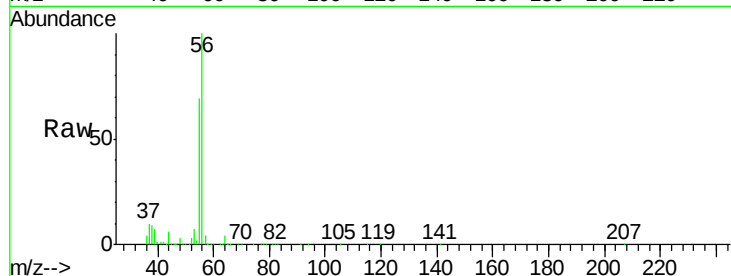
55 70.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

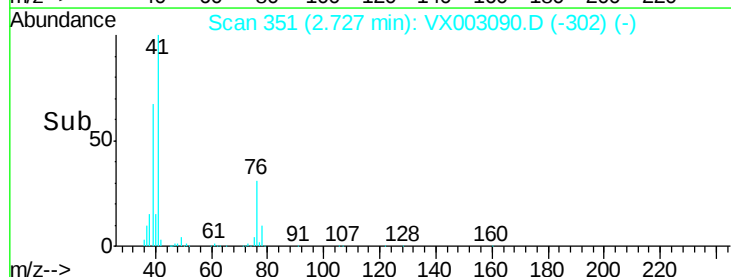
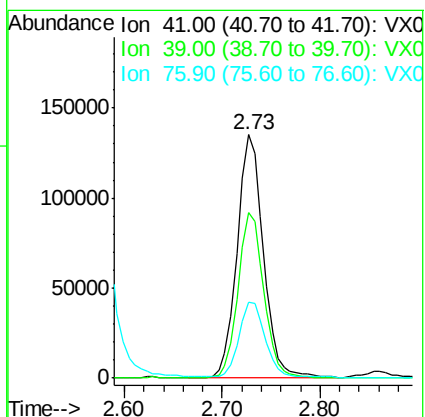
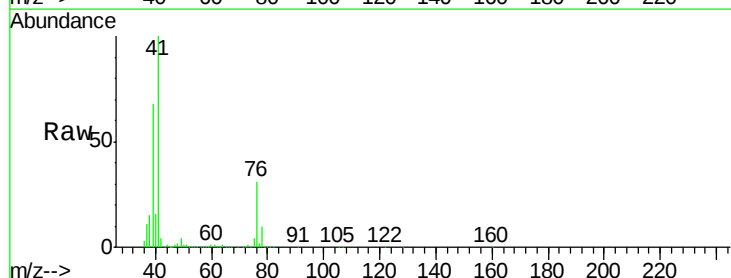
Tgt Ion: 41 Resp: 253048

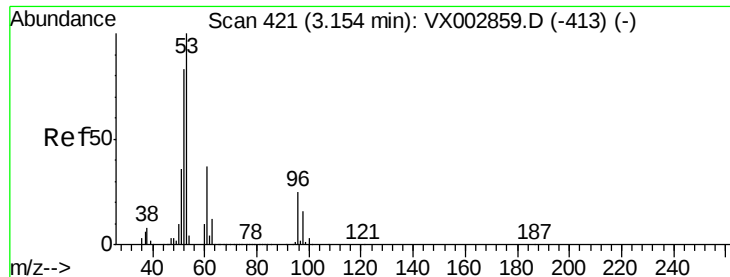
Ion Ratio Lower Upper

41 100

39 66.3 56.8 85.2

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 259.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

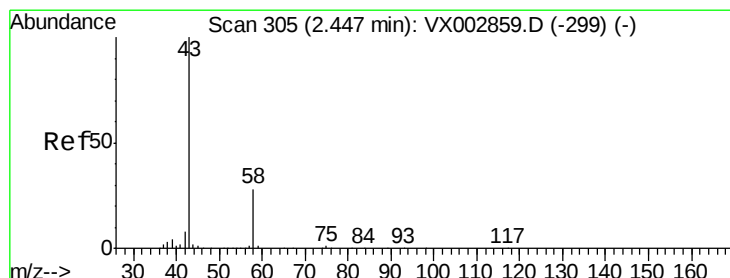
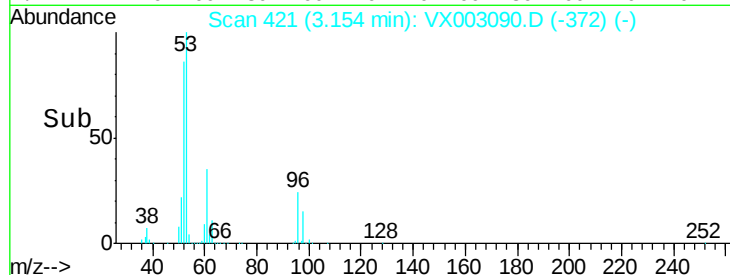
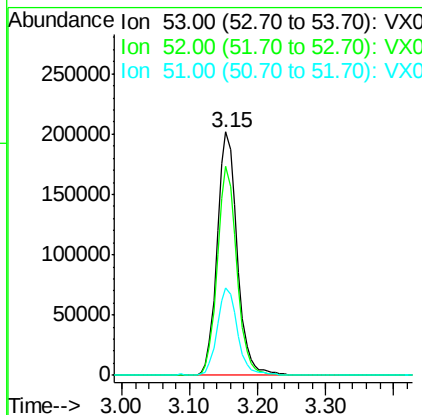
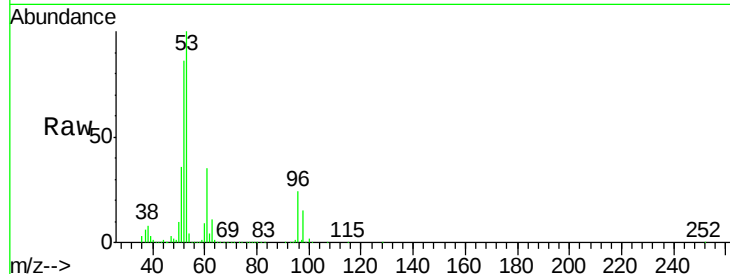
ClientSampled :

S73-0217MS

Tot Ion:	53	Resp:	409922
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 238.50 ug/l

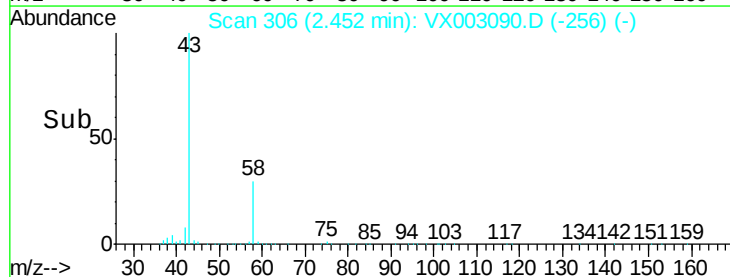
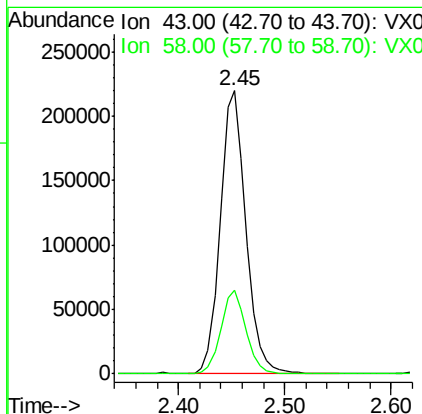
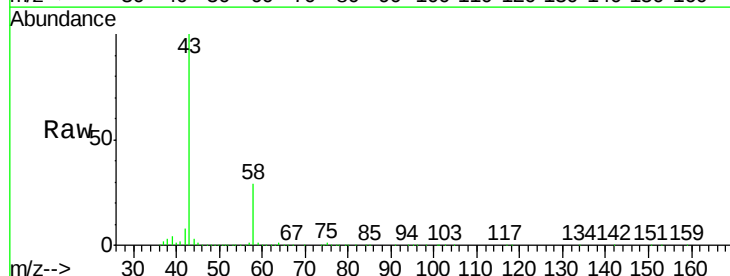
RT: 2.45 min Scan# 306

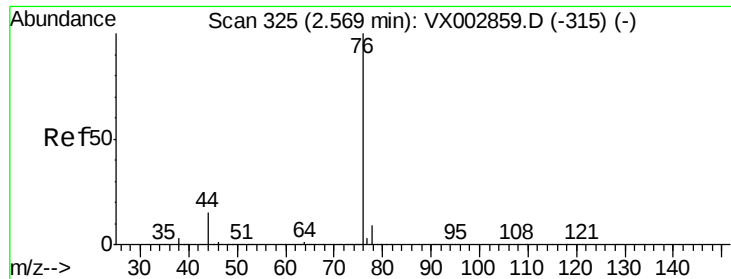
Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	43	Resp:	366670
Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.1	33.1





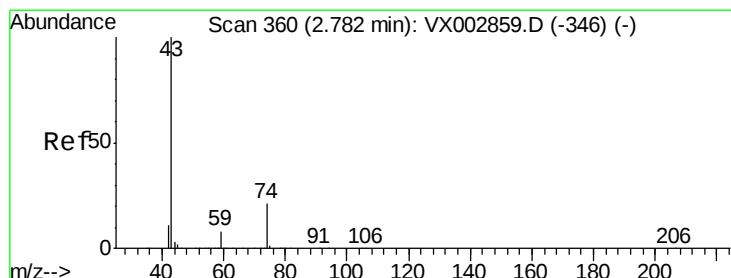
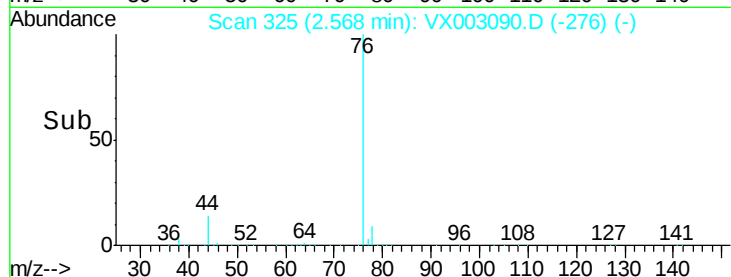
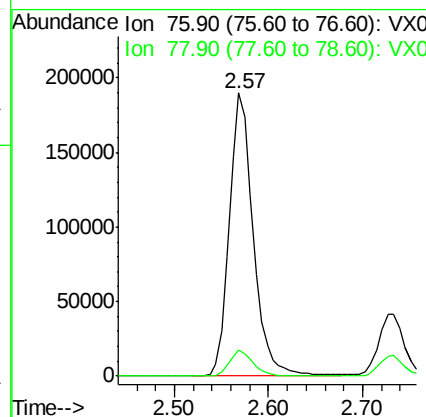
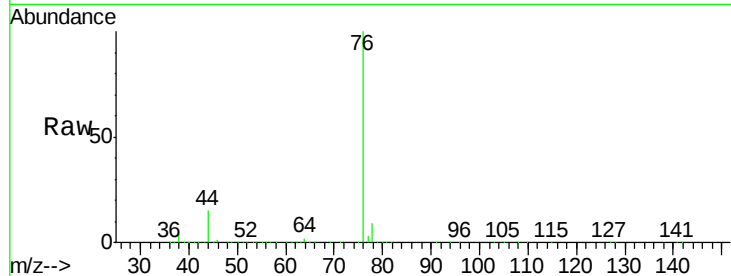
#17
Carbon Disulfide
Concen: 47.52 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

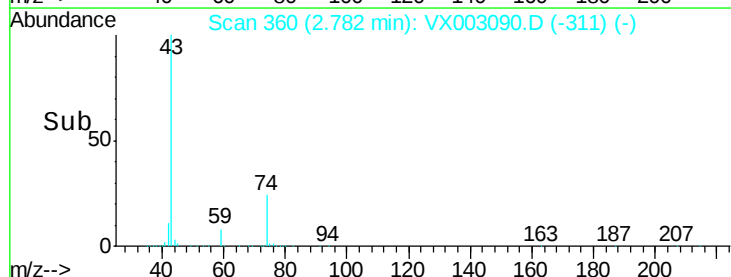
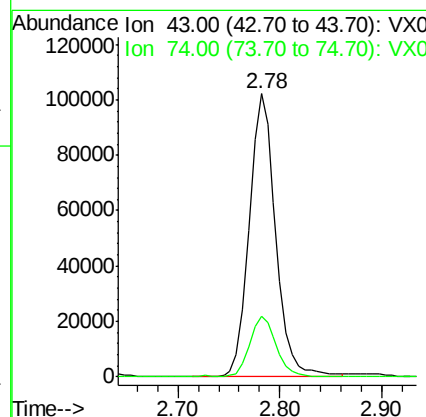
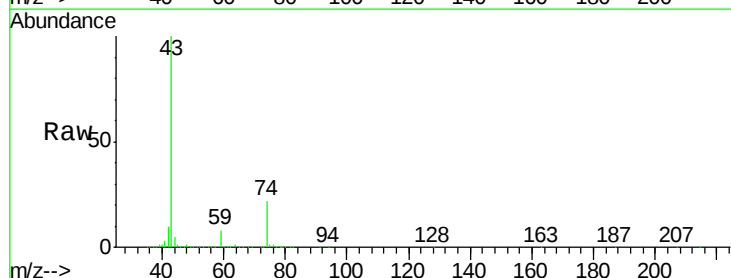
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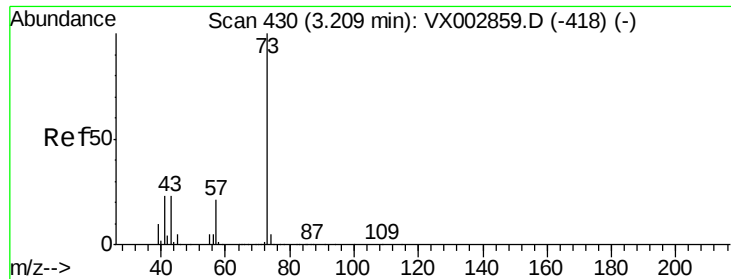
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#18
Methyl Acetate
Concen: 42.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





#19

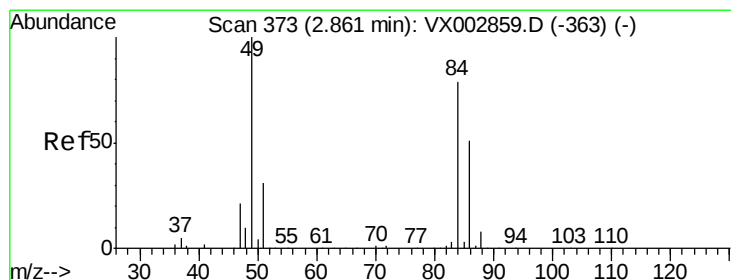
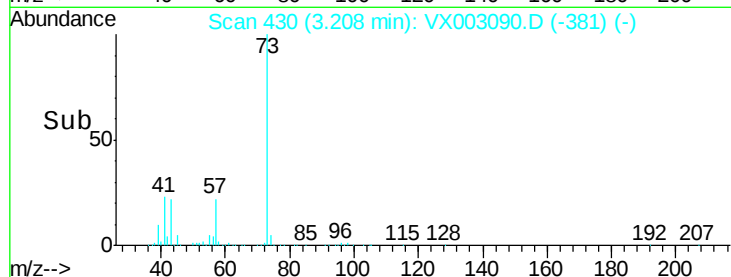
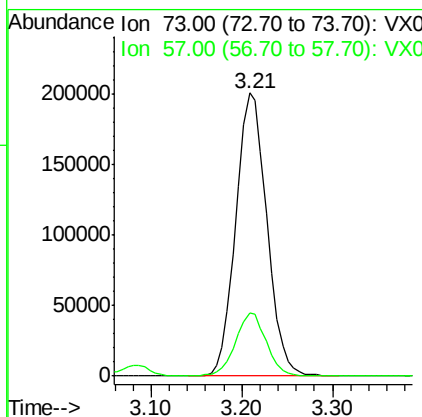
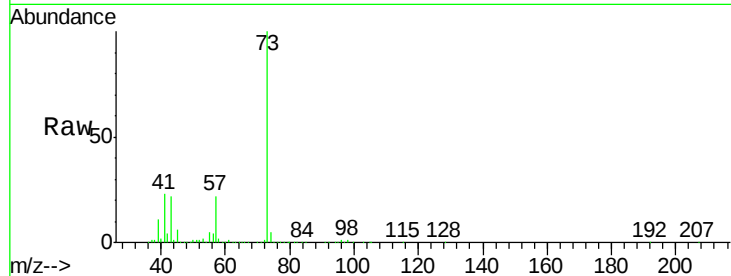
Methyl tert-butyl Ether
 Concen: 50.11 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion: 73 Resp: 477144
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.7 26.5

Manual Integrations
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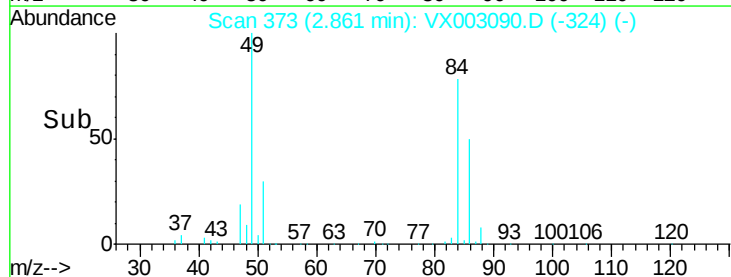
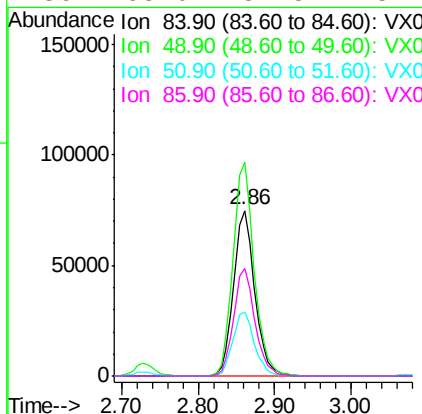
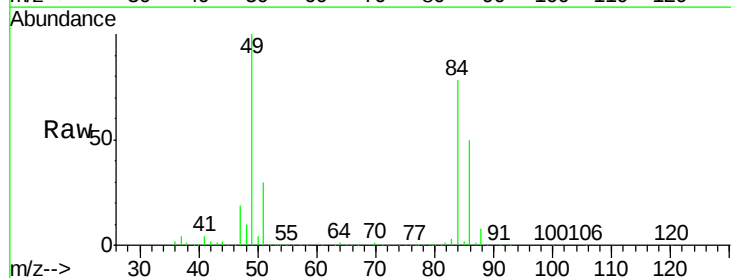
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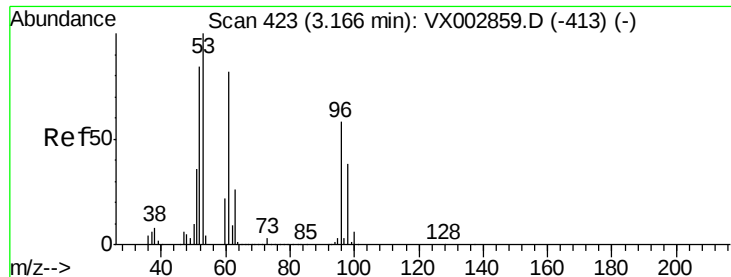


#20

Methylene Chloride
 Concen: 48.16 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion: 84 Resp: 144079
 Ion Ratio Lower Upper
 84 100
 49 128.9 107.8 161.6
 51 38.8 32.8 49.2
 86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

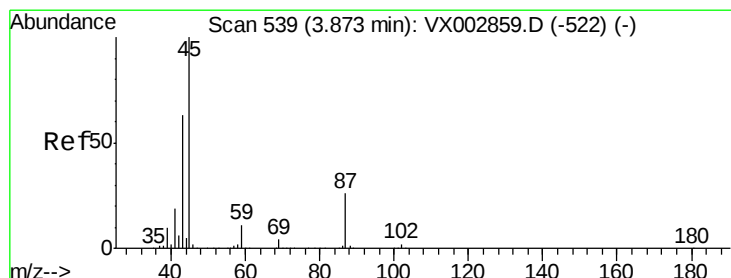
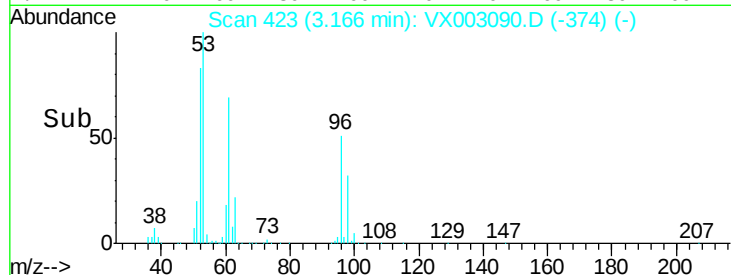
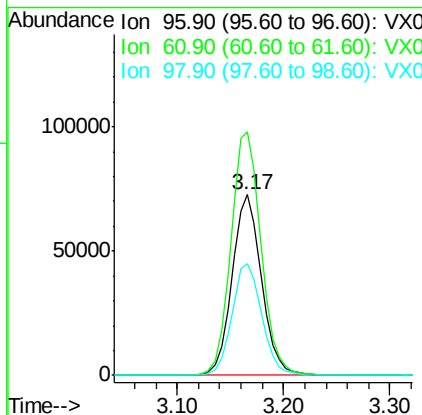
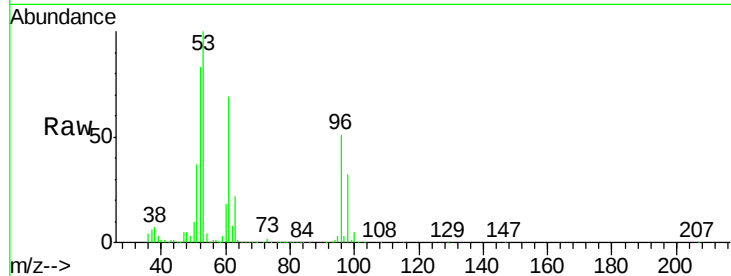
ClientSampled :

S73-0217MS

Tot Ion:	96	Resp:	140365
Ion	Ratio	Lower	Upper
96	100		
61	134.8	117.0	175.4
98	61.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.11 ug/l

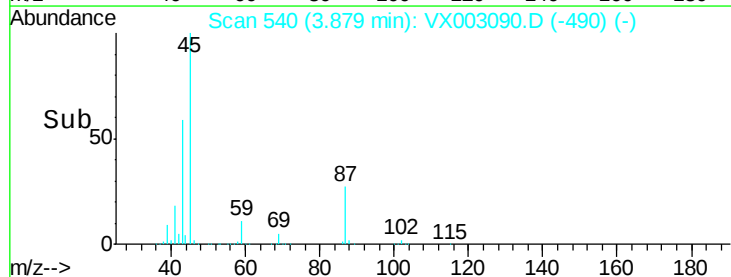
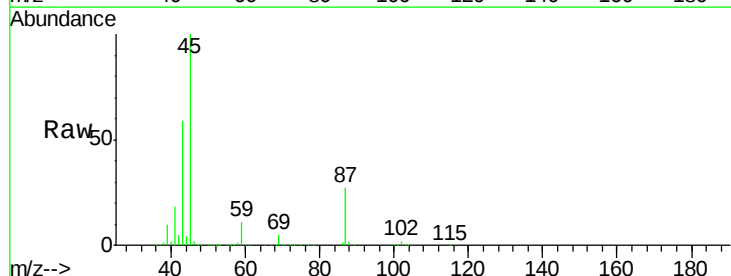
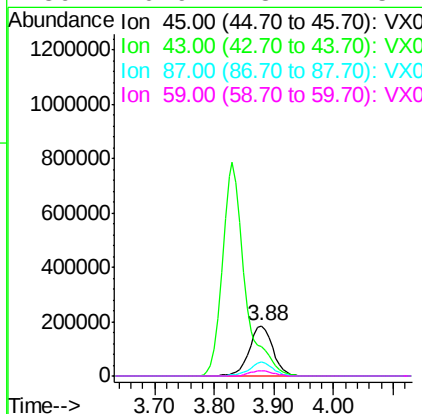
RT: 3.88 min Scan# 540

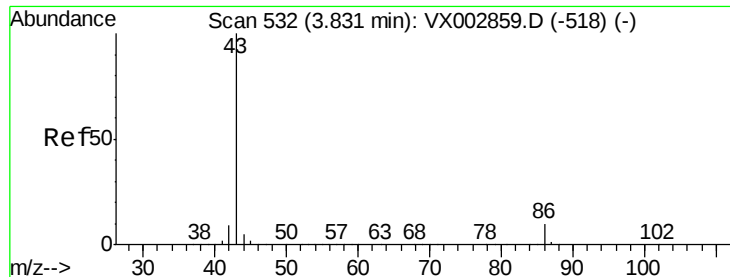
Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	45	Resp:	510094
Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.8	70.2
87	26.9	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 242.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion: 43 Resp: 2045301

Ion Ratio Lower Upper

43 100

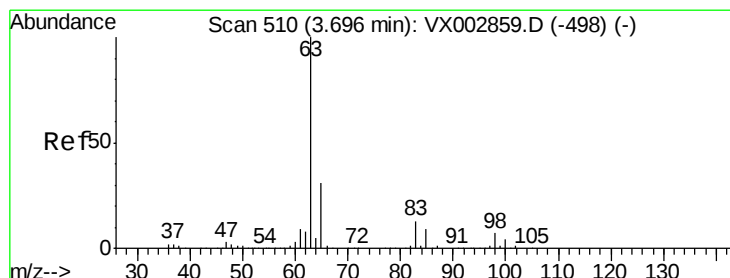
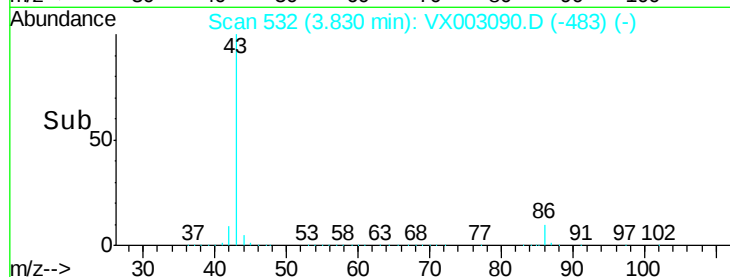
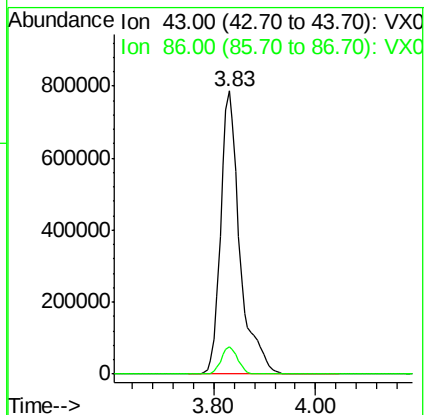
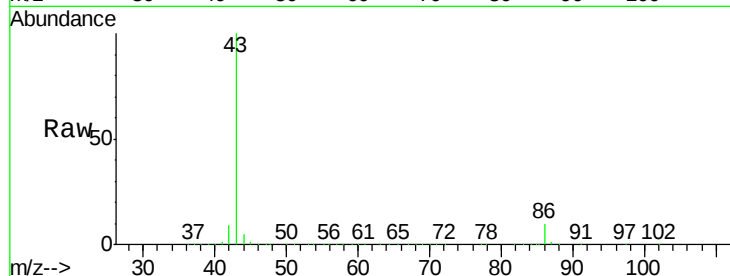
86 9.6 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.49 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

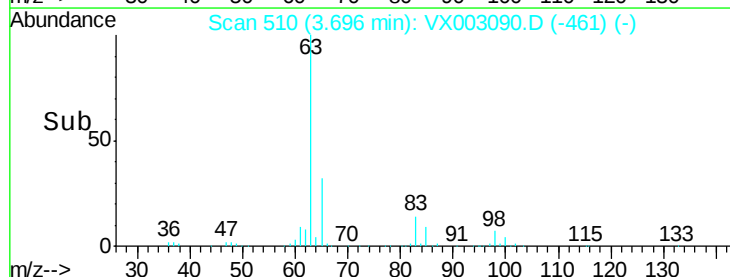
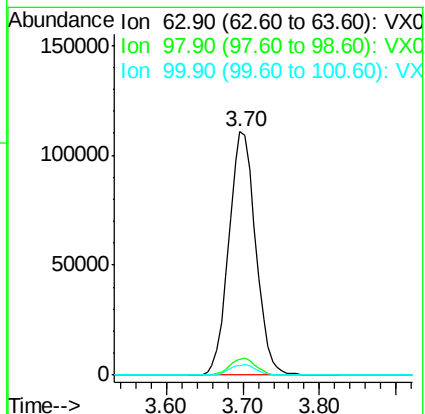
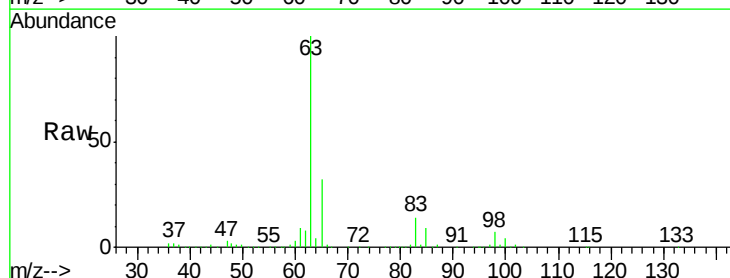
Tgt Ion: 63 Resp: 268453

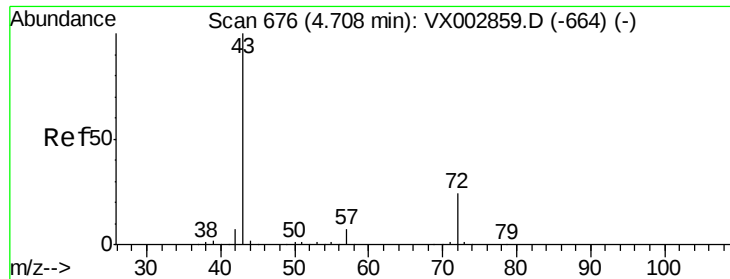
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 264.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion: 43 Resp: 604077

Ion Ratio Lower Upper

43 100

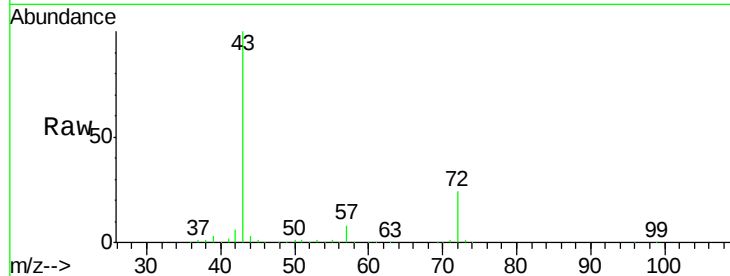
72 24.0 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

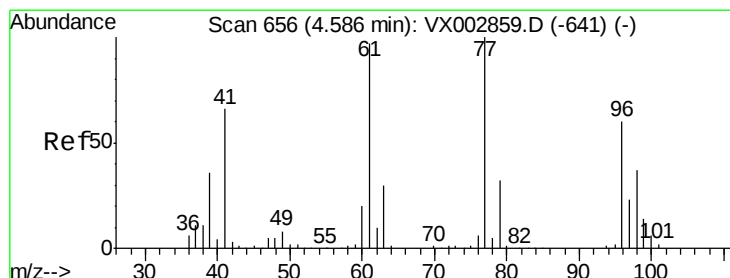
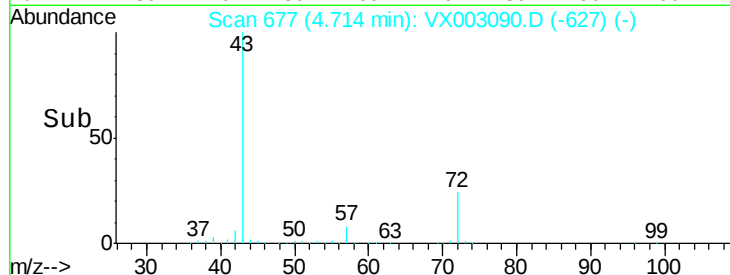
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003090.D

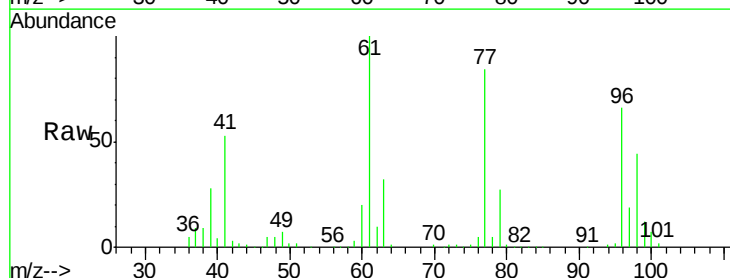
Acq: 30 Jun 2018 20:16

Tgt Ion: 77 Resp: 170129

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

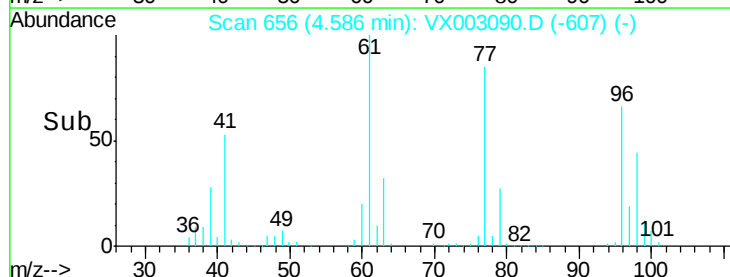
20000

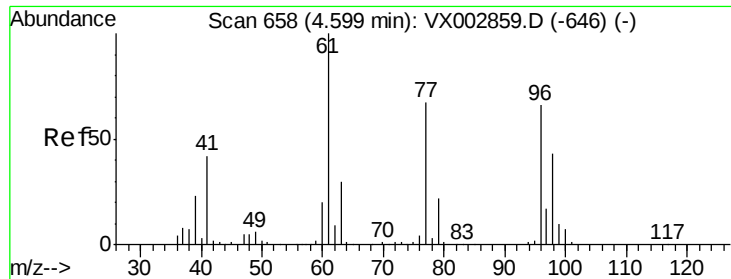
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 53.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

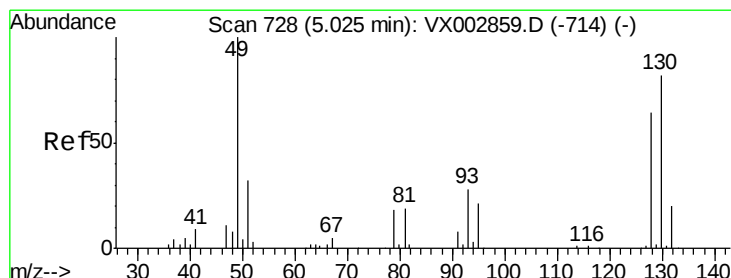
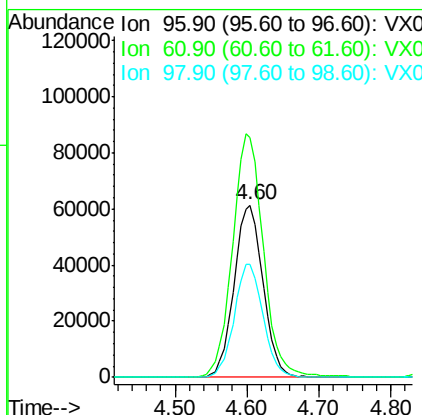
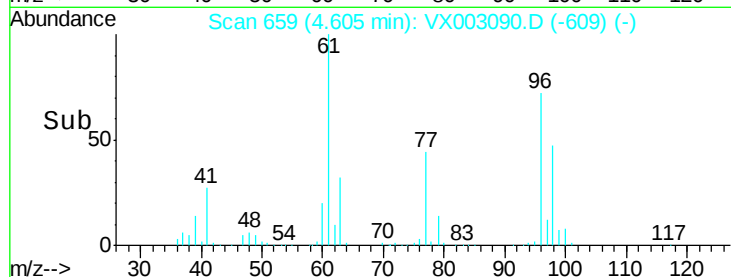
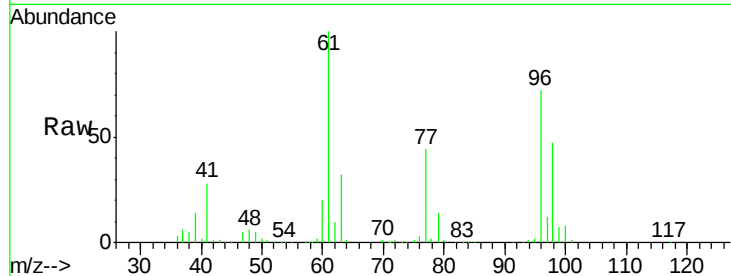
ClientSampled :

S73-0217MS

Tot Ion:	96	Resp:	171471
Ion Ratio	Lower	Upper	
96	100		
61	151.0	0.0	330.2
98	65.4	0.0	130.2

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#28

Bromochloromethane

Concen: 49.26 ug/l

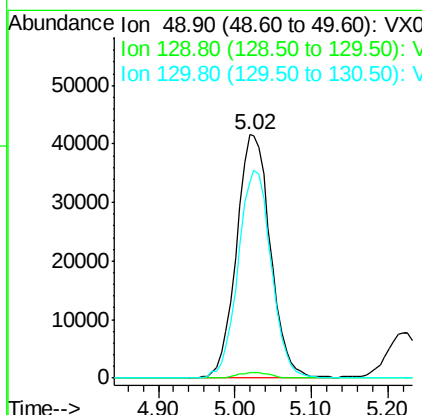
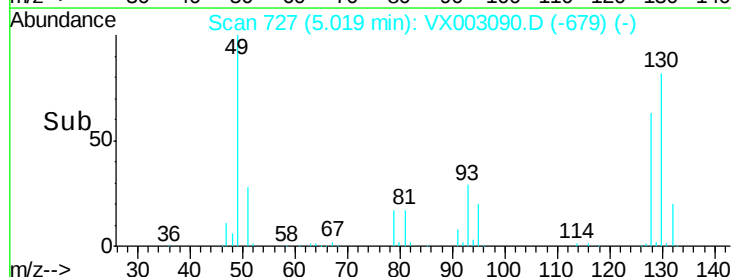
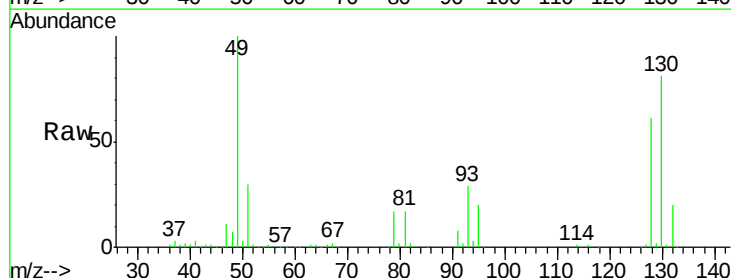
RT: 5.02 min Scan# 727

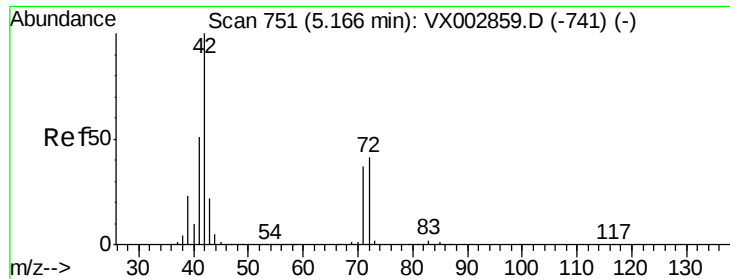
Delta R.T. -0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	49	Resp:	127914
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.2
130	83.5	61.2	91.8





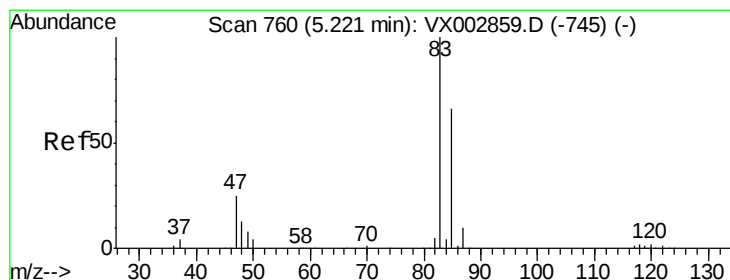
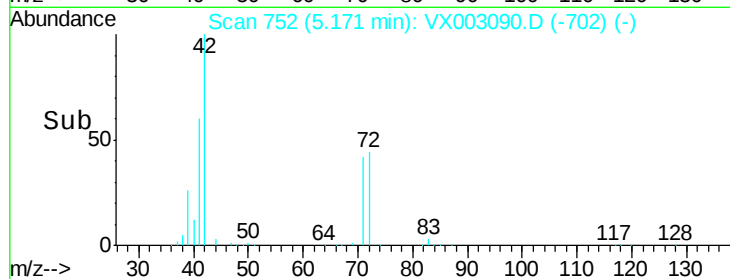
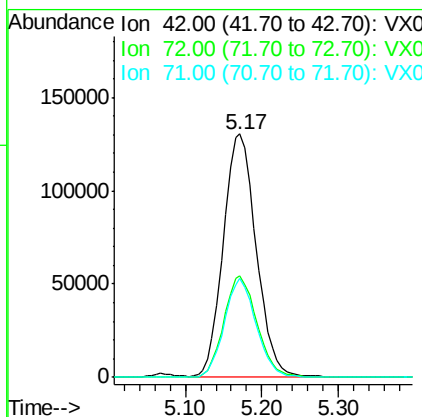
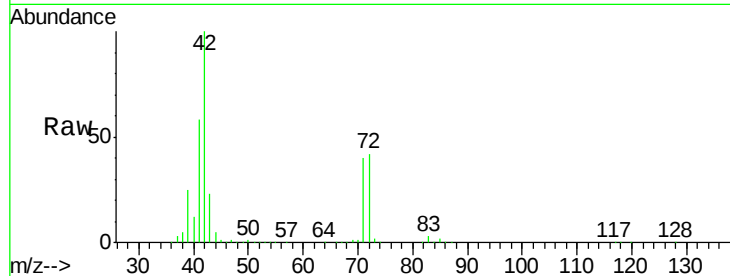
#29
Tetrahydrofuran
Concen: 264.85 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	39.4	30.1	45.1

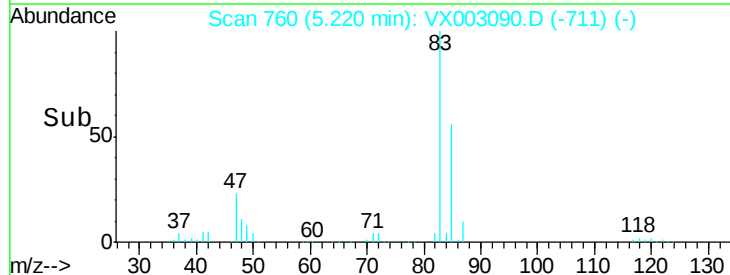
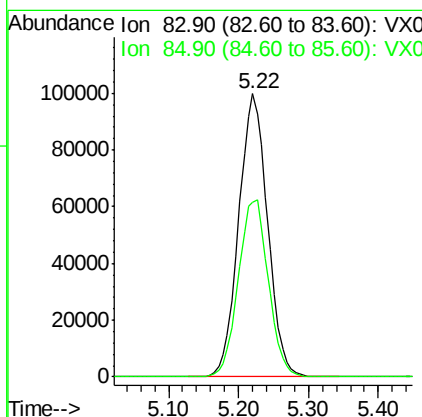
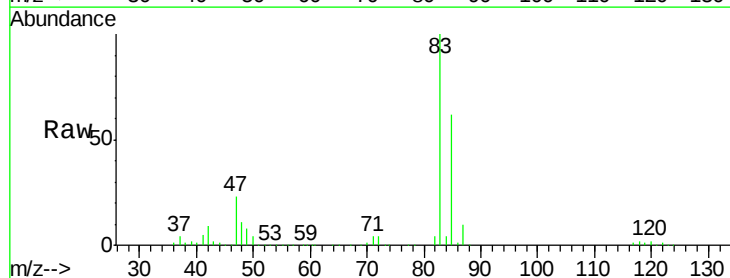
Manual Integrations
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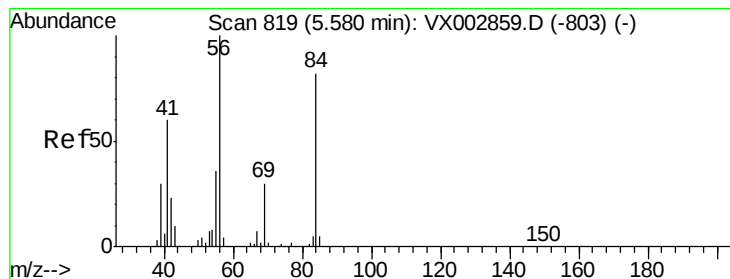
apatel
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#30
Chloroform
Concen: 51.38 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.4	75.6





#31

Cyclohexane

Concen: 49.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

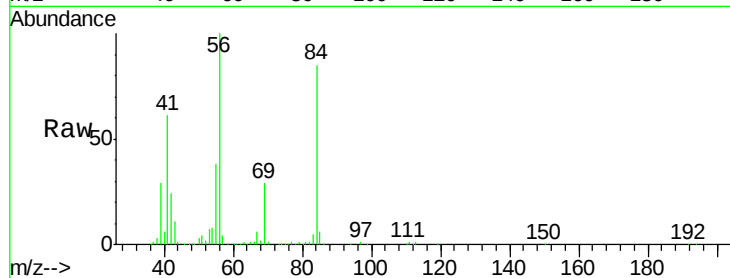
ClientSampled :

S73-0217MS

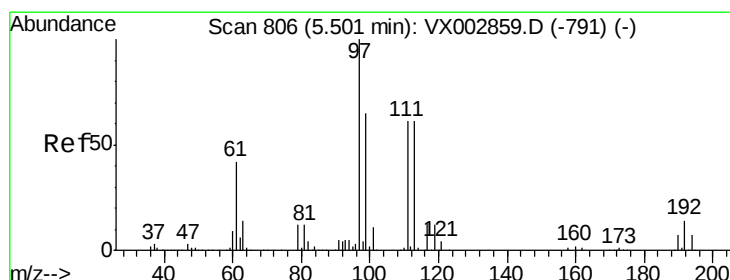
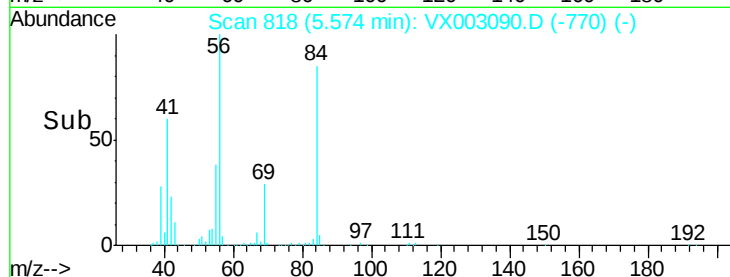
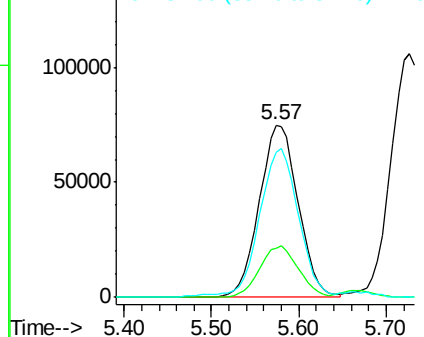
Tot Ion:	56	Resp:	232330
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.7	35.5
84	83.5	64.1	96.1

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.68 ug/l

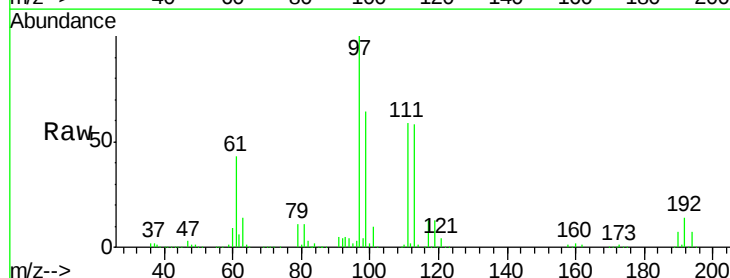
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

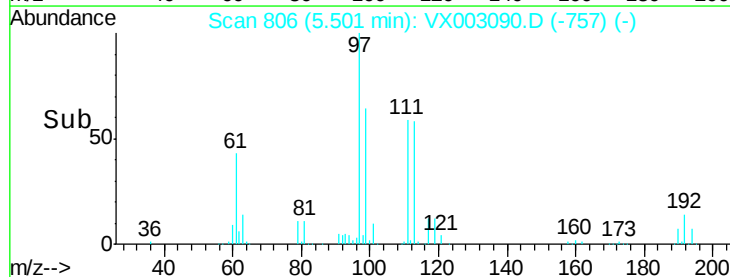
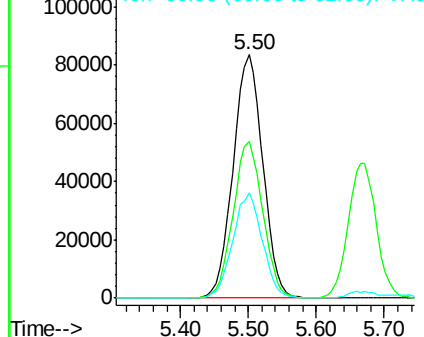
Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	97	Resp:	253129
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	43.0	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





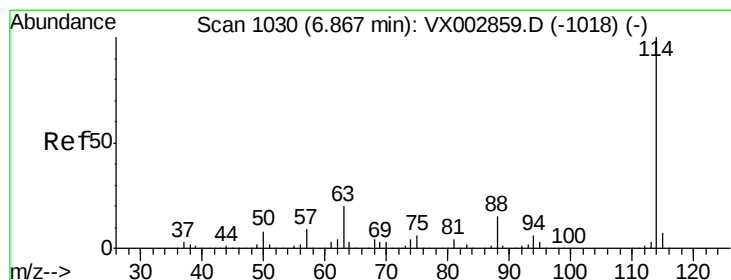
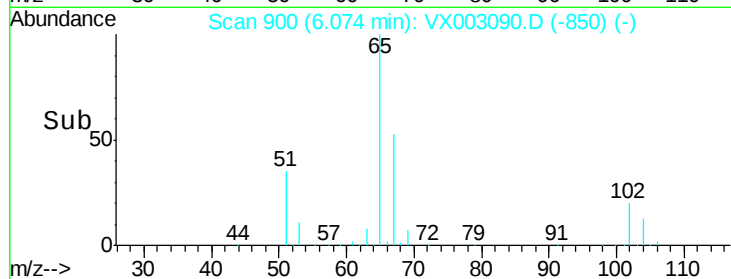
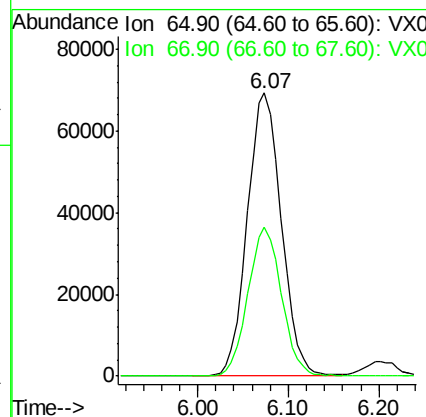
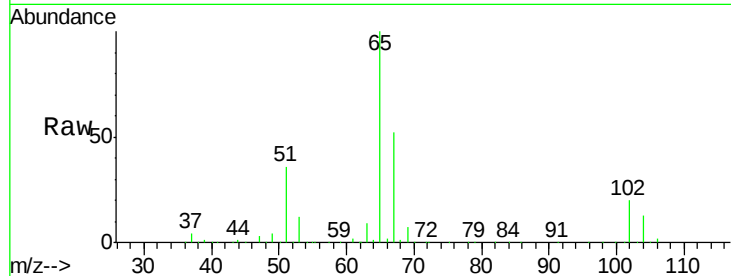
#33
 1,2-Dichloroethane-d4
 Concen: 48.51 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180090		
67	52.1	0.0	102.6	

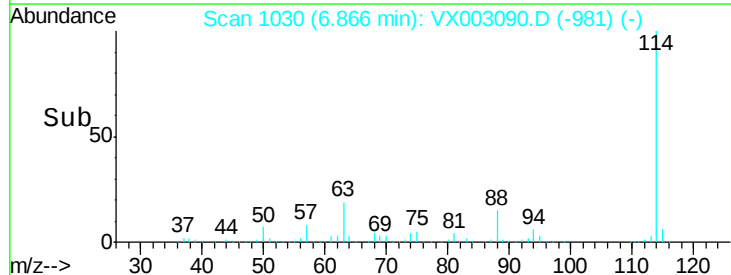
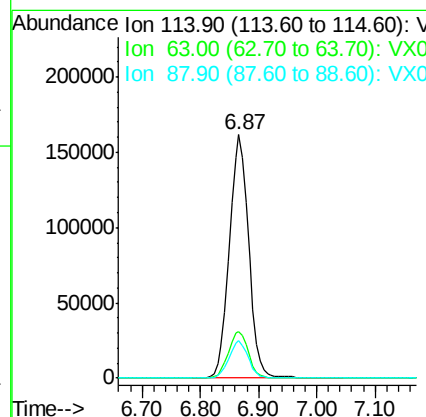
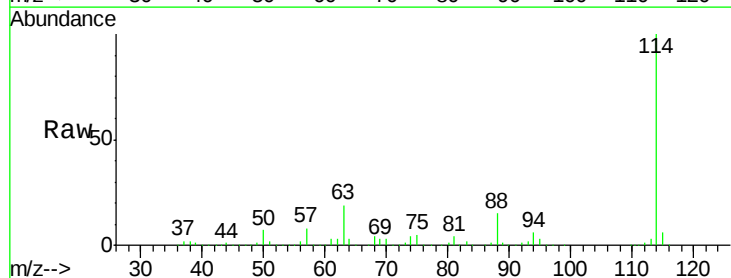
Manual Integrations
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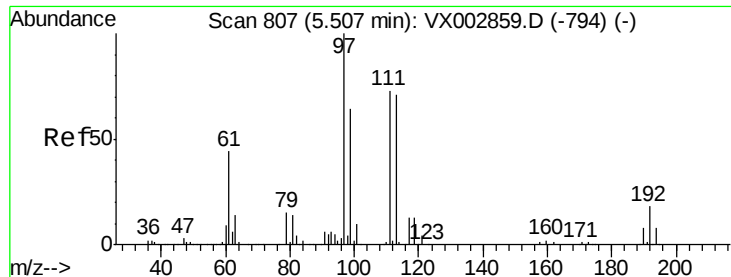
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	374899		
63	19.3	0.0	41.4	
88	15.2	0.0	30.0	





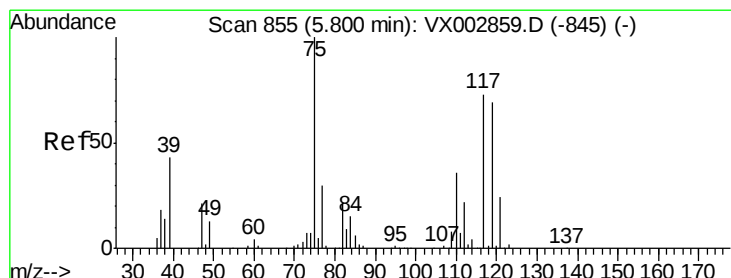
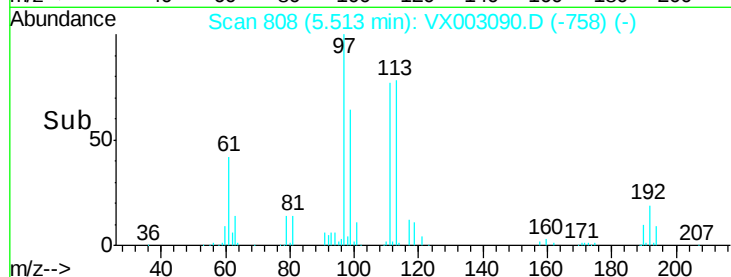
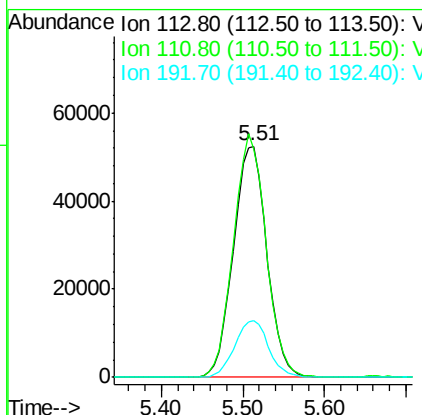
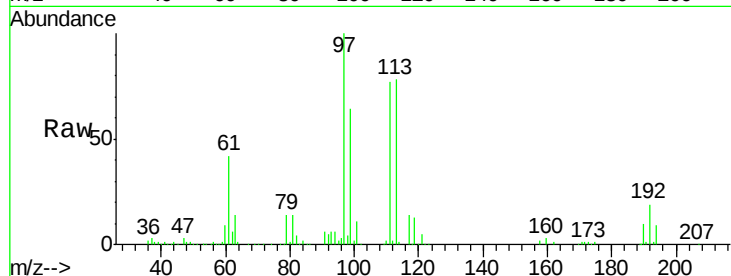
#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149253		
111	102.3	81.4	122.0	
192	24.7	19.1	28.7	

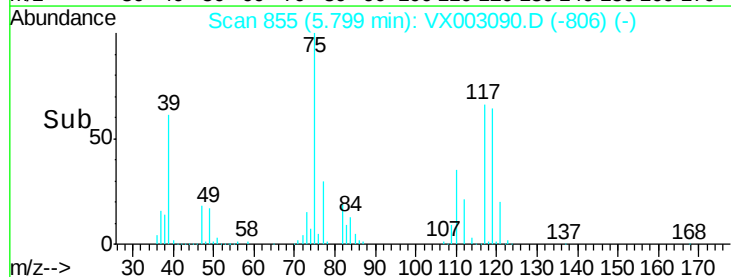
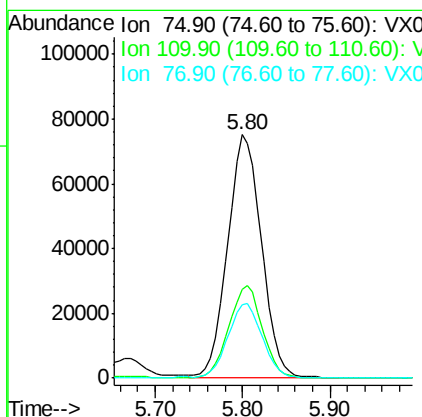
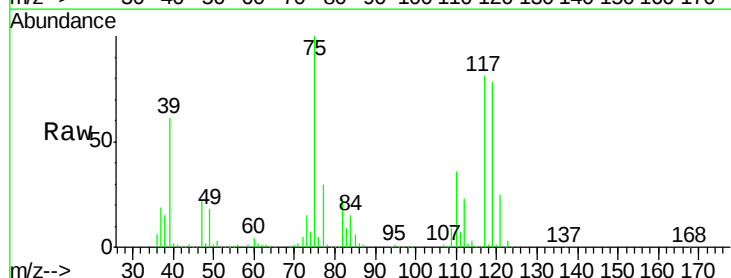
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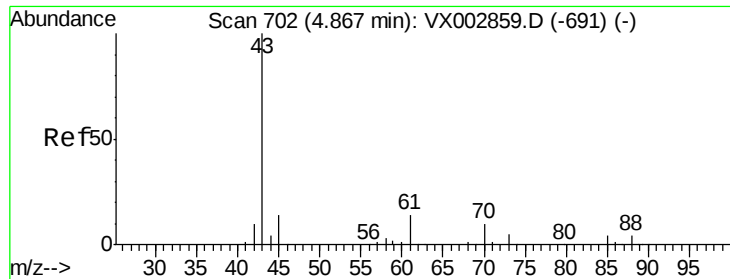
apatel
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#36
1,1-Dichloropropene
Concen: 48.89 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201016		
110	37.9	18.1	54.4	
77	31.0	24.3	36.5	





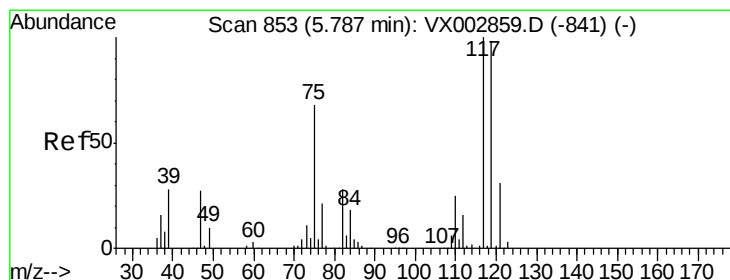
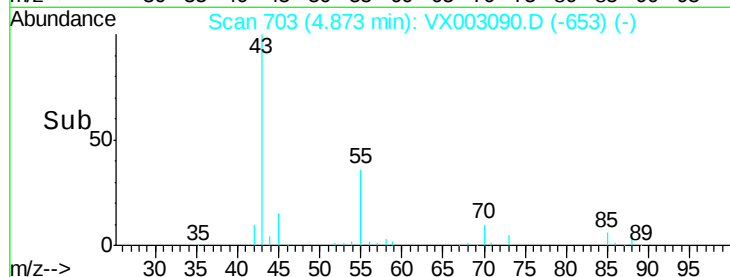
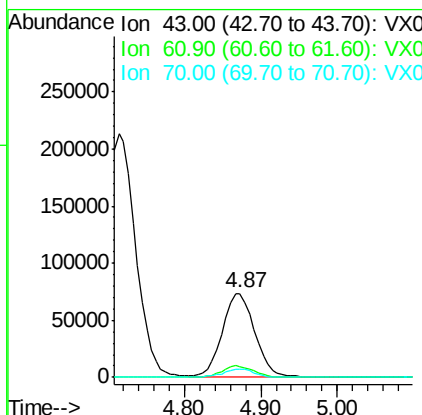
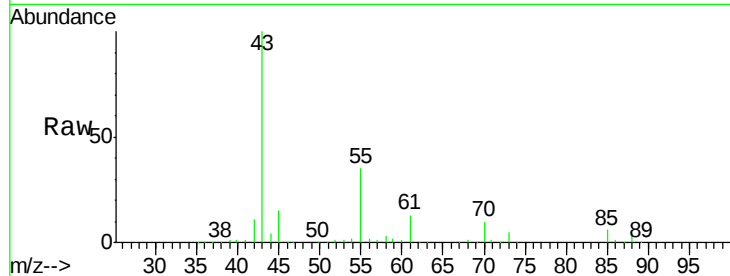
#37
Ethyl Acetate
Concen: 48.55 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.3	10.4	15.6	
70	10.1	7.6	11.4	

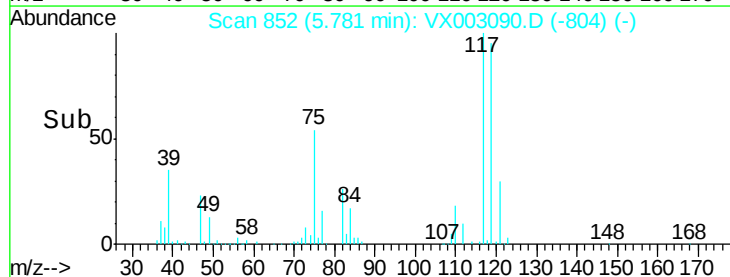
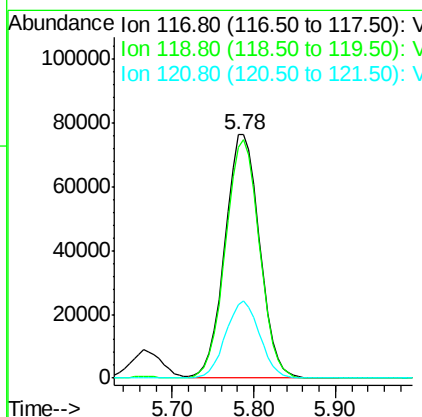
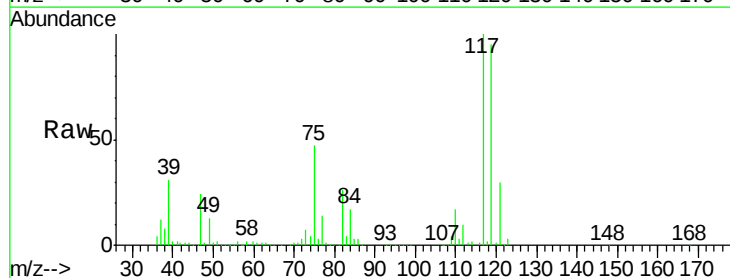
Manual Integrations
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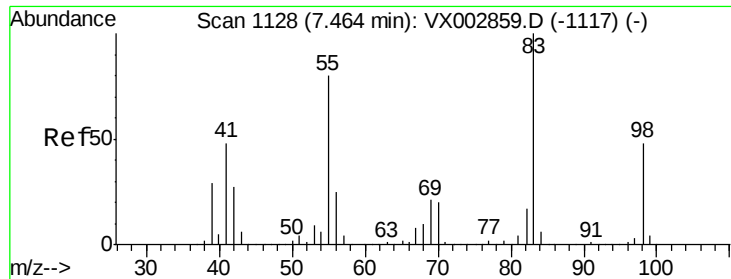
apatel
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#38
Carbon Tetrachloride
Concen: 49.74 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	94.7	77.4	116.0	
121	29.9	24.4	36.6	





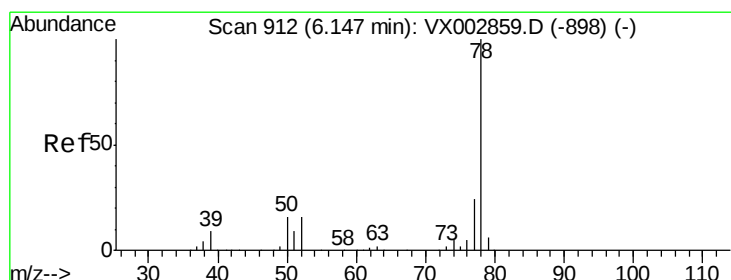
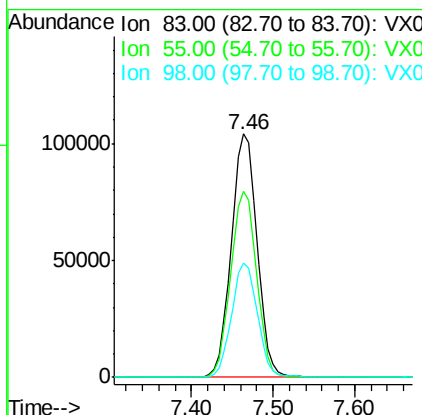
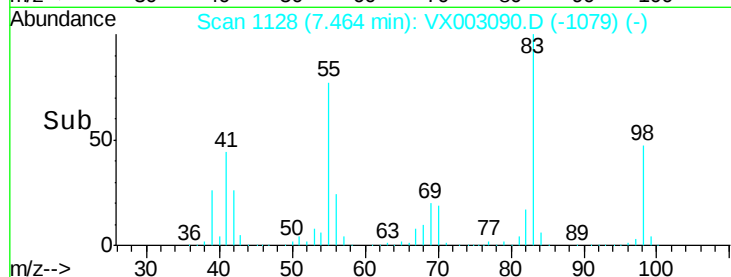
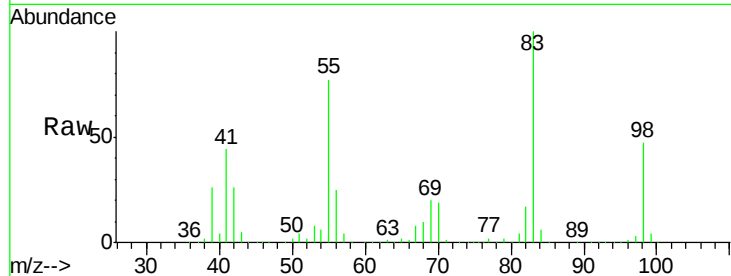
#39
Methvlcvclohexane
Concen: 47.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.5	65.4	98.0	
98	47.1	37.4	56.0	

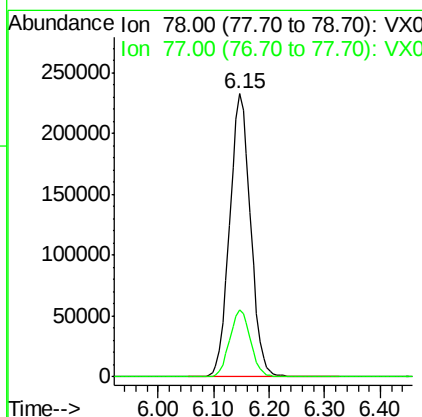
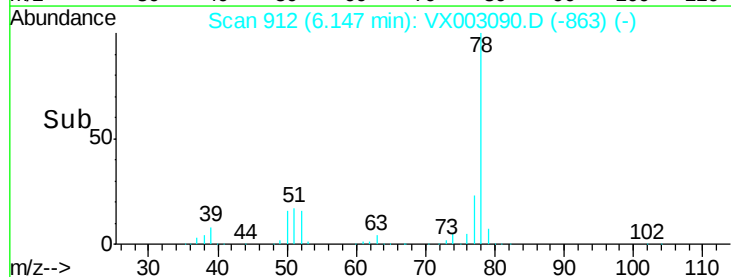
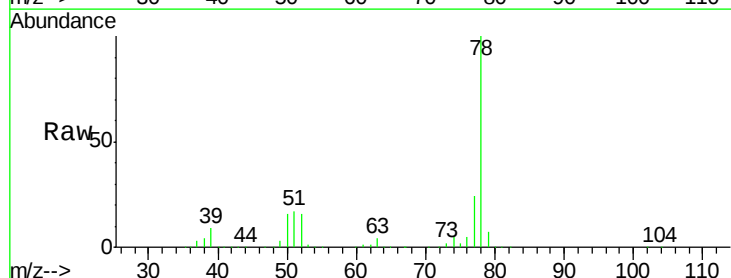
Manual Integrations
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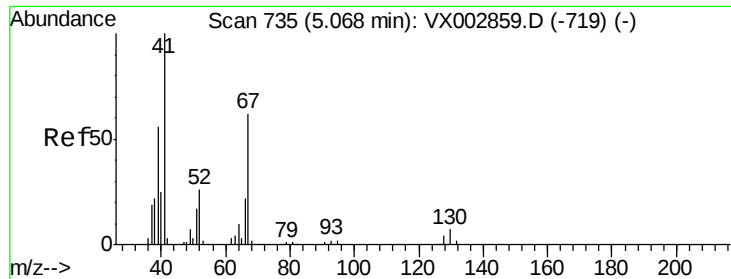
apatel
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#40
Benzene
Concen: 50.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.1	28.7	





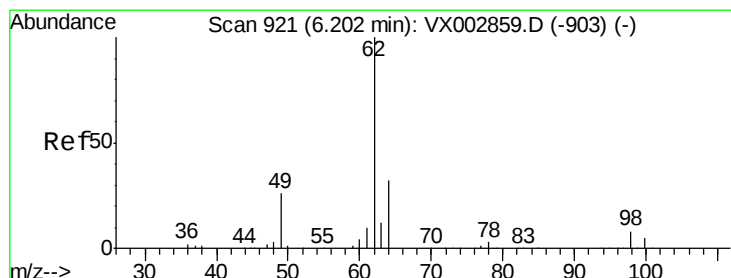
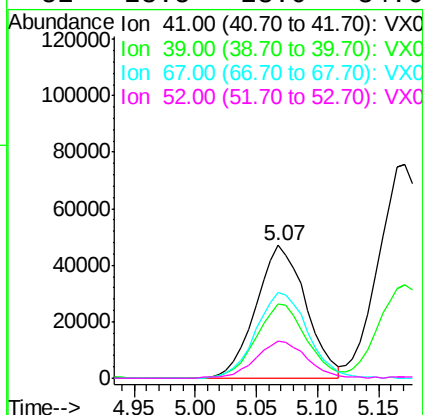
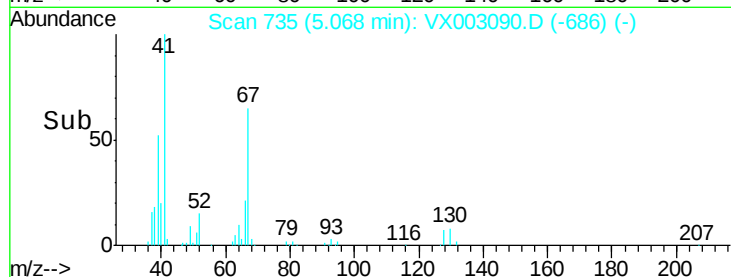
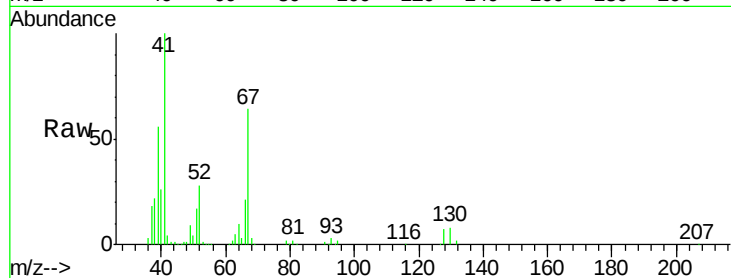
#41
Methacrylonitrile
Concen: 52.16 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	67.5	51.3	76.9
52	28.5	23.0	34.6

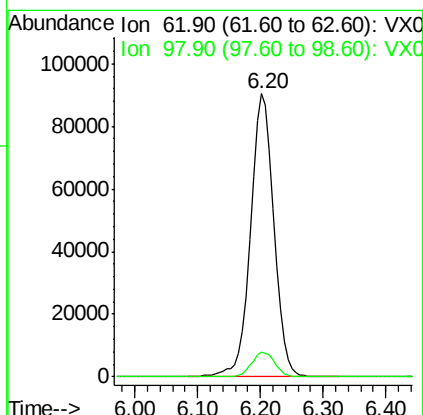
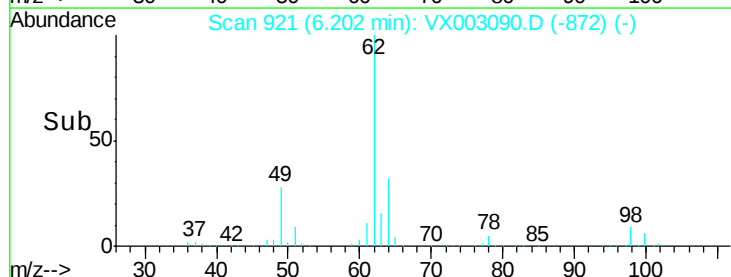
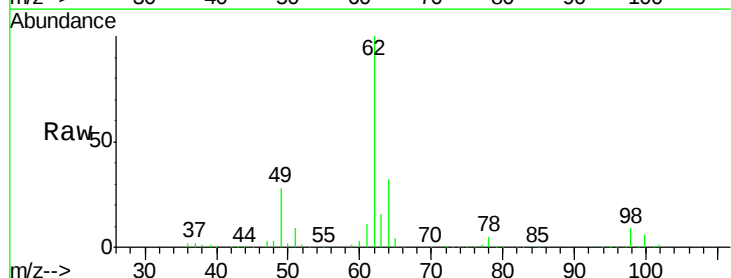
Manual Integrations
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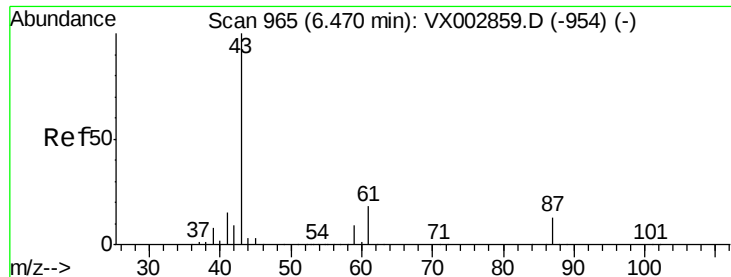
apatel
7/2/2018 4:19:31 PM



#42
1,2-Dichloroethane
Concen: 48.04 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6





#43

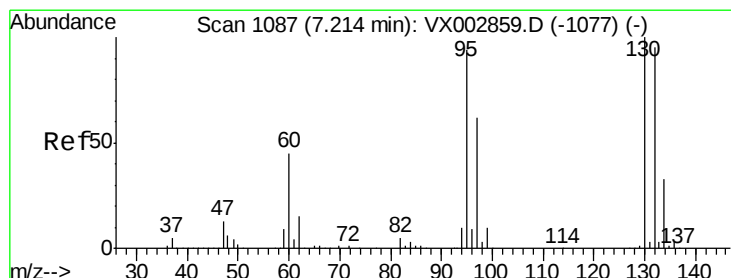
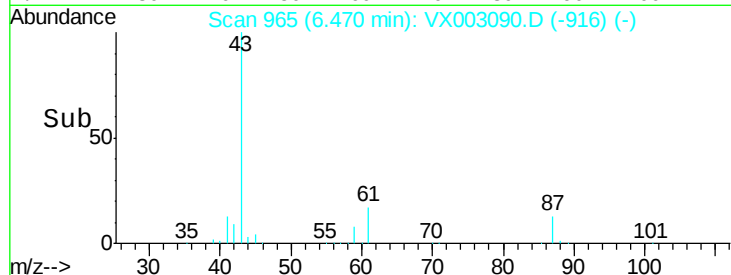
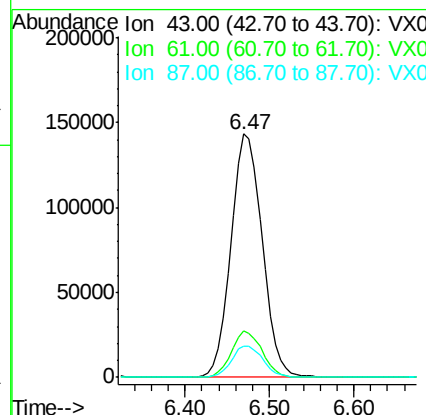
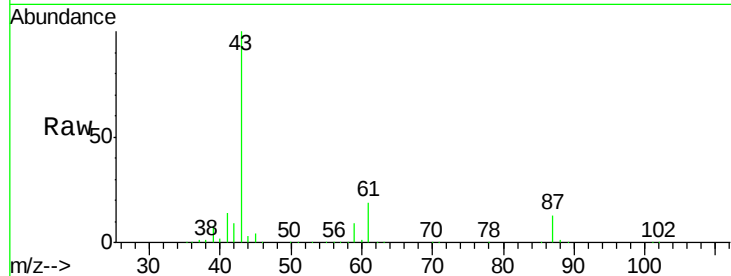
Isopropyl Acetate
 Concen: 48.40 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.9	9.5	14.3

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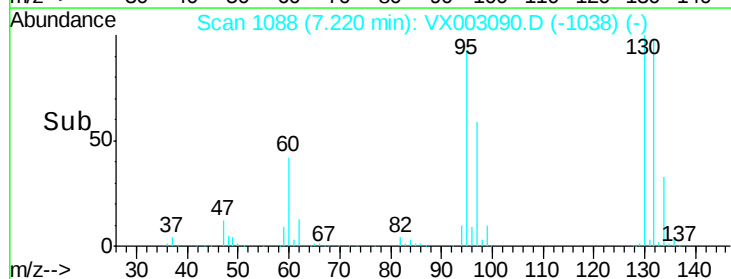
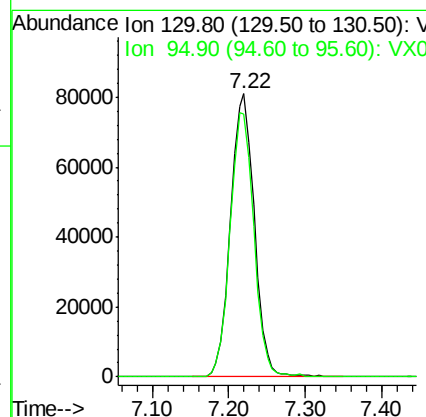
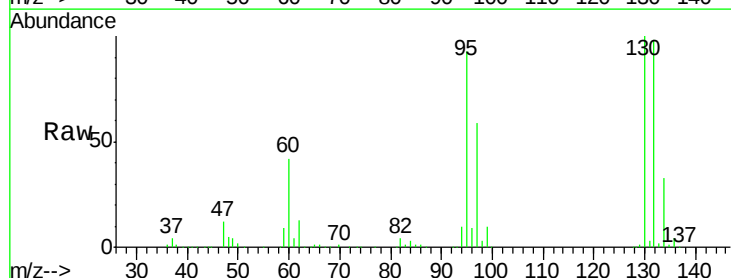
apatel
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#44

Trichloroethene
 Concen: 48.94 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	185.4





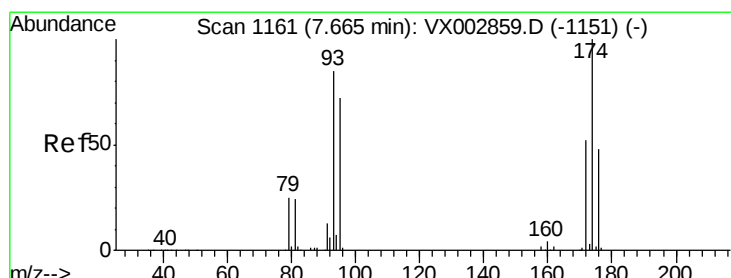
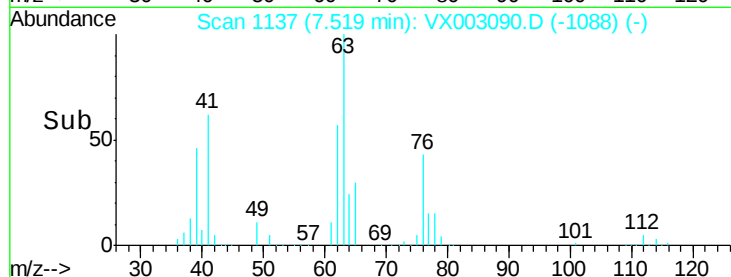
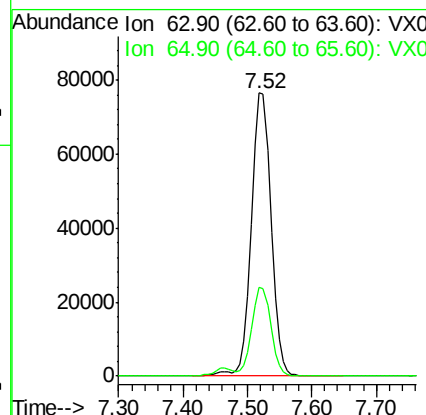
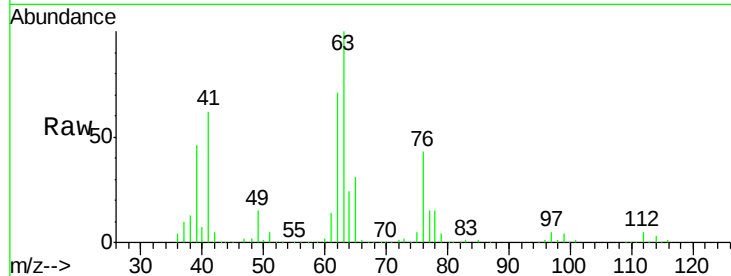
#45
 1,2-Dichloropropane
 Concen: 50.46 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion: 63 Resp: 159895
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1

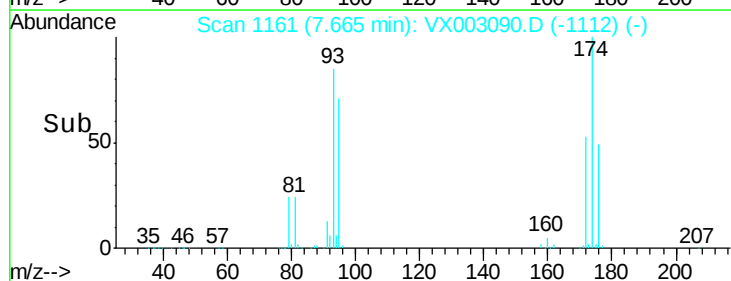
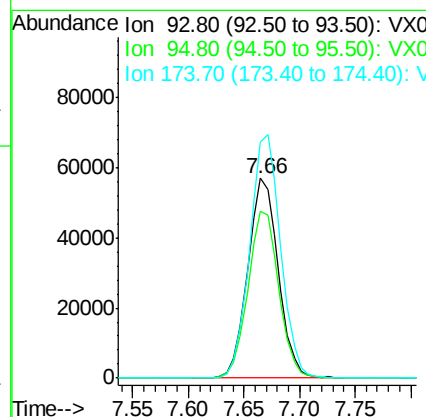
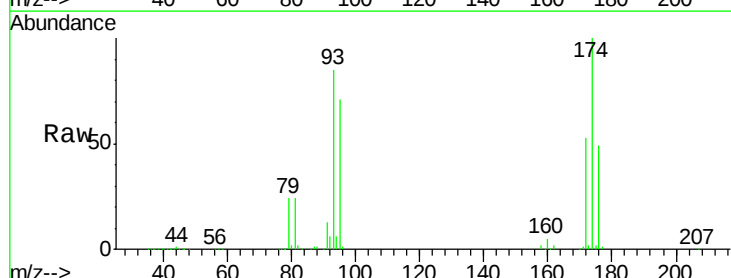
Manual Integrations
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#46
 Dibromomethane
 Concen: 49.35 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion: 93 Resp: 108531
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 123.7 92.4 138.6





#47

Bromodichloromethane

Concen: 51.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

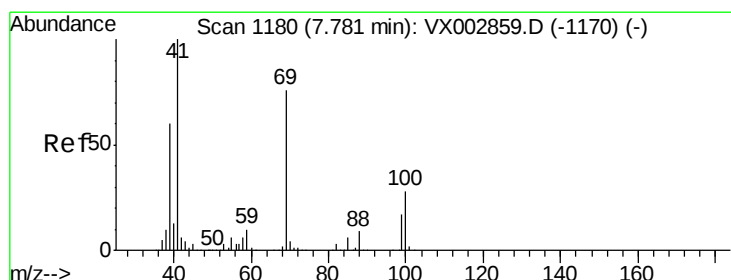
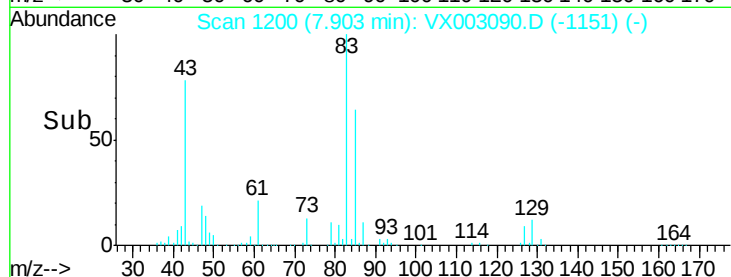
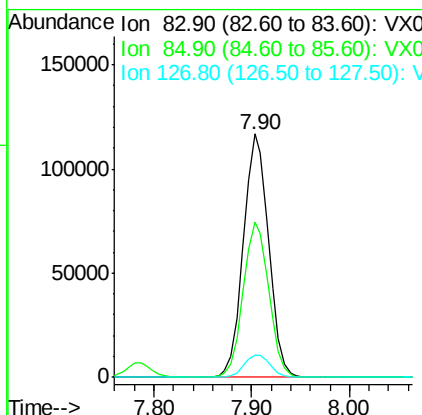
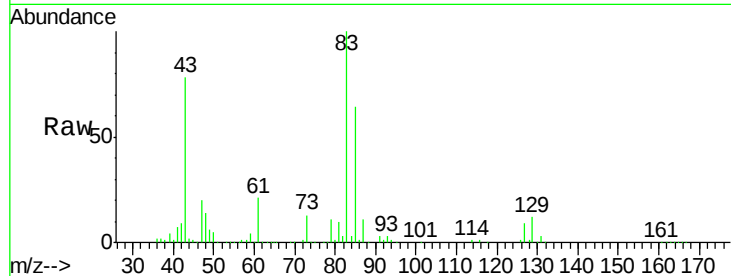
ClientSampleId :

S73-0217MS

Tot Ion:	83	Resp:	208650
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.3	75.5
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.91 ug/l

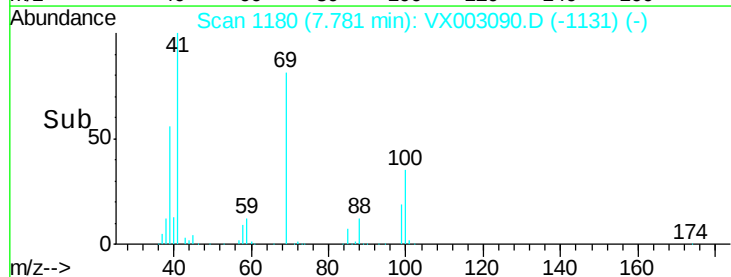
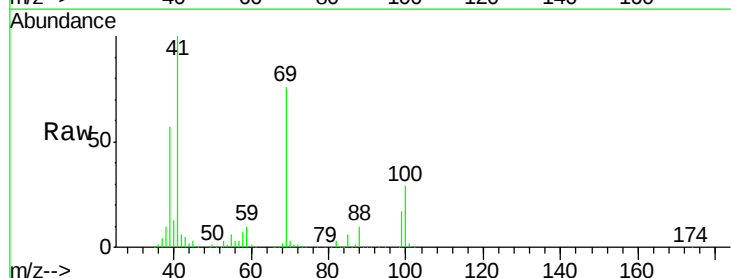
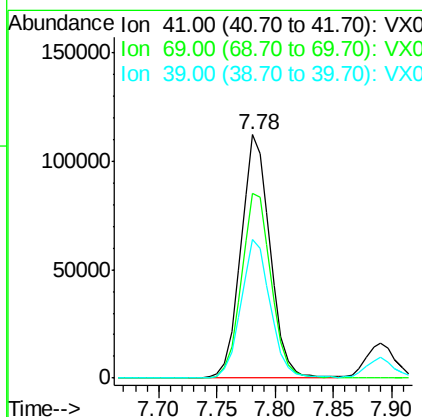
RT: 7.78 min Scan# 1180

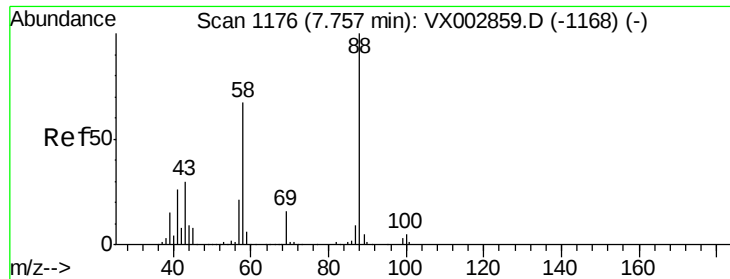
Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	41	Resp:	194751
Ion Ratio	Lower	Upper	
41	100		
69	78.3	59.1	88.7
39	57.4	48.9	73.3





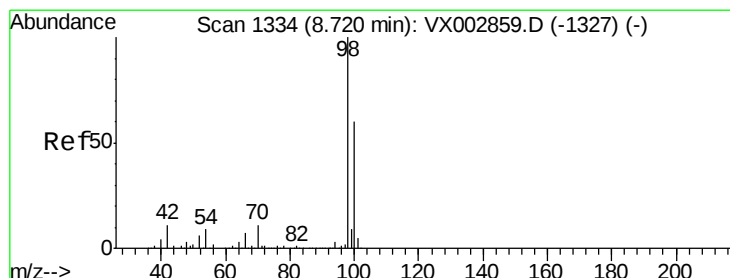
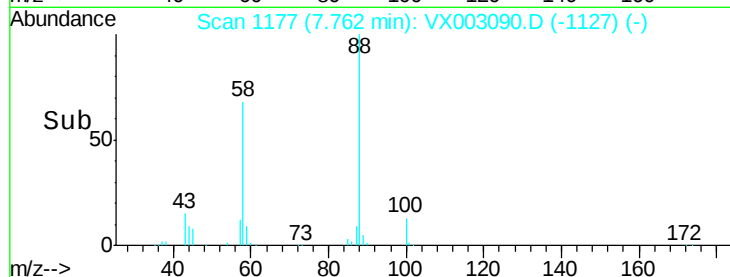
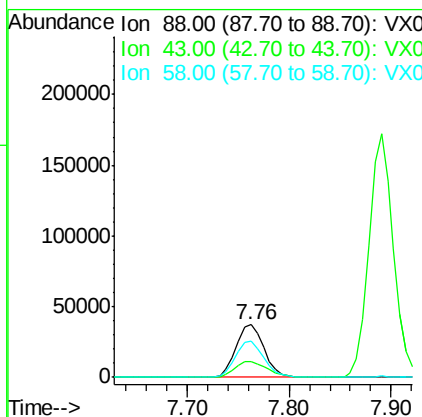
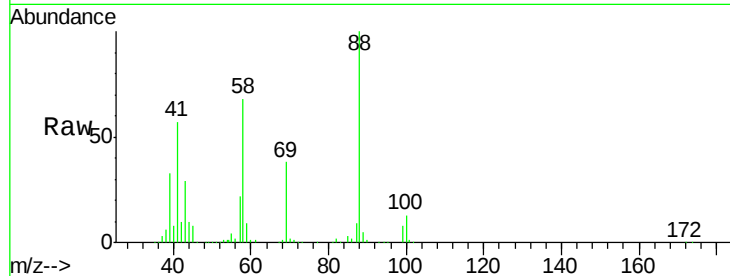
#49
1,4-Dioxane
Concen: 952.41 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.8	44.6
58	70.5	57.1	85.7

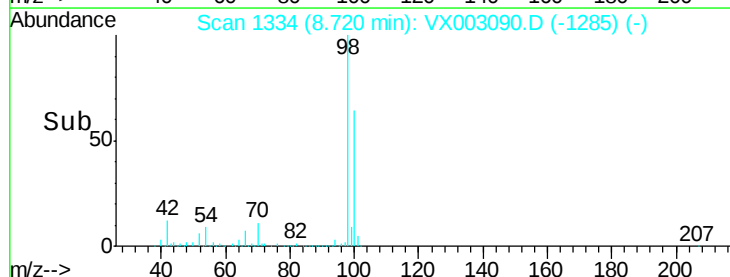
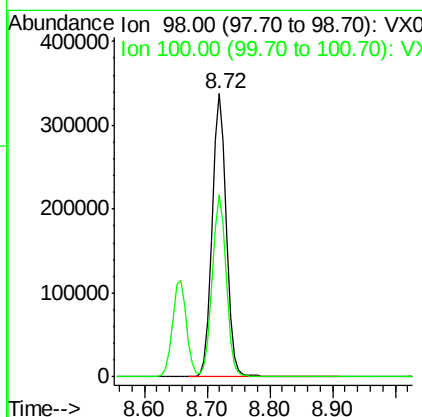
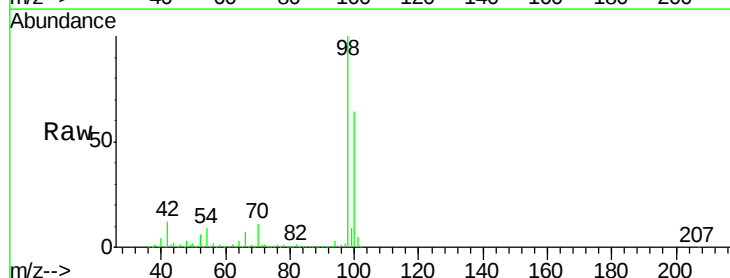
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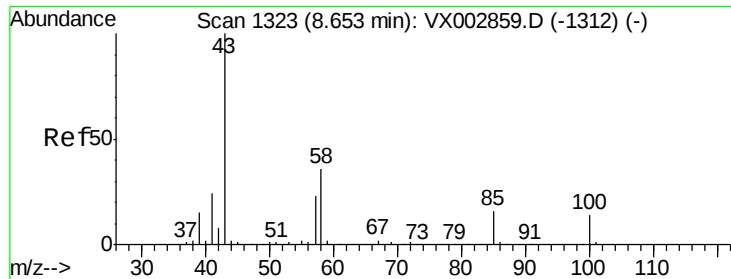
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#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





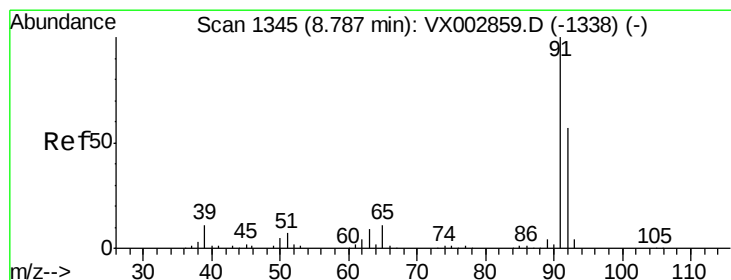
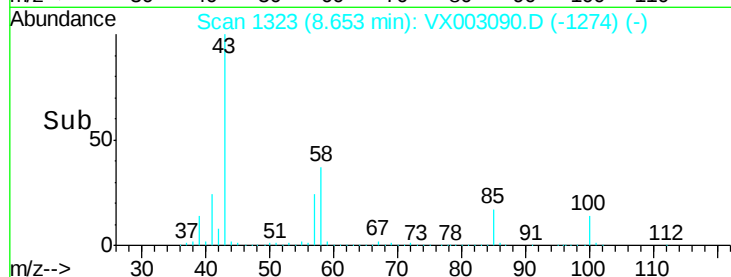
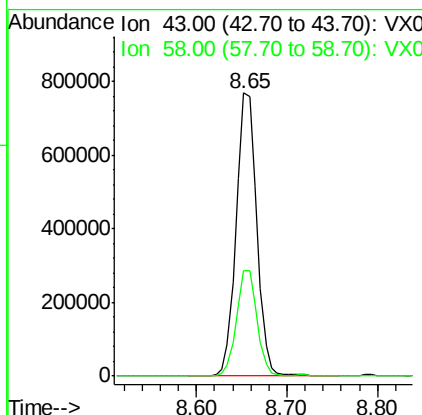
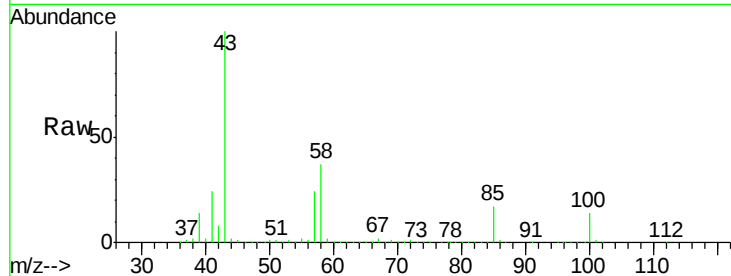
#51
 4-Methyl-2-Pentanone
 Concen: 261.74 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleID :
 S73-0217MS

Tot Ion: 43 Resp: 1215750
 Ion Ratio Lower Upper
 43 100
 58 37.2 28.6 42.8

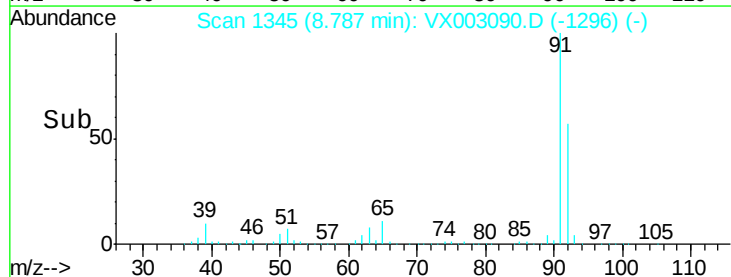
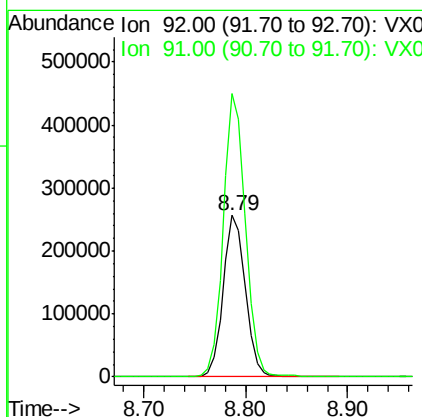
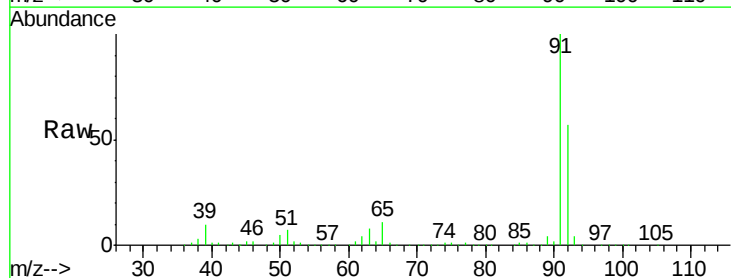
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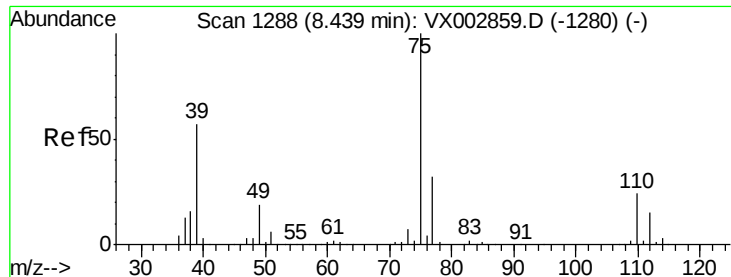
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#52
 Toluene
 Concen: 50.72 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion: 92 Resp: 388131
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6





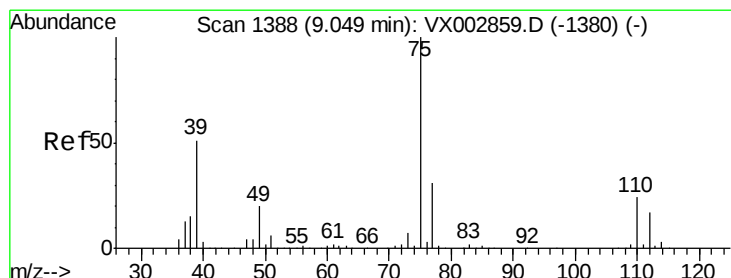
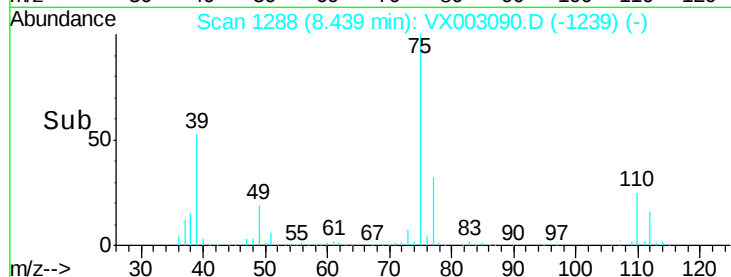
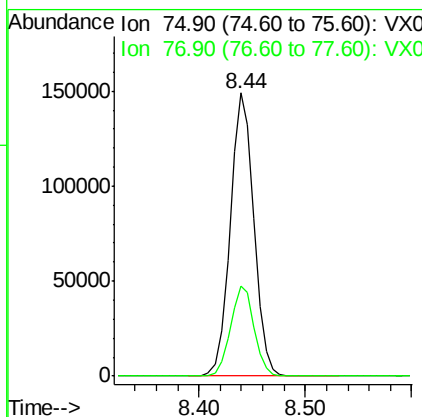
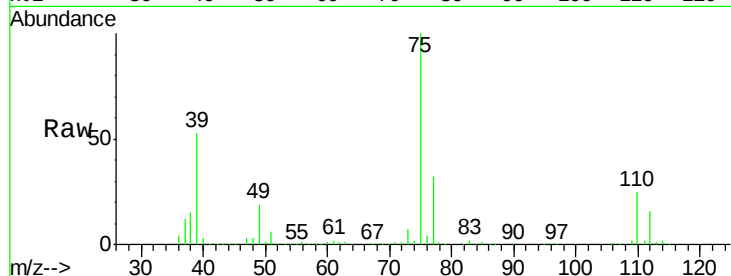
#53
t-1,3-Dichloropropene
Concen: 50.17 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MS

Tot Ion: 75 Resp: 230984
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

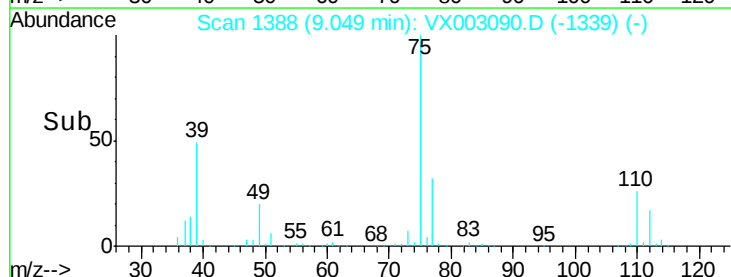
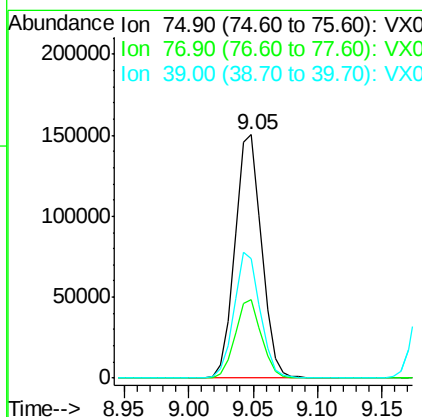
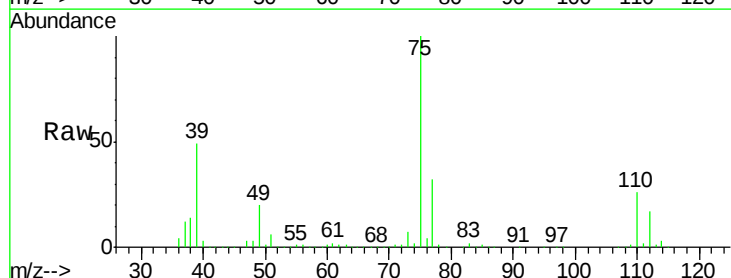
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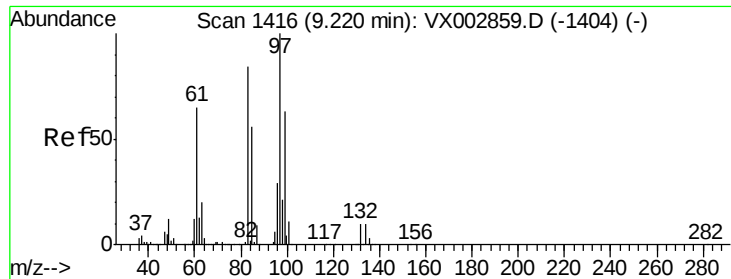
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#54
cis-1,3-Dichloropropene
Concen: 48.99 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion: 75 Resp: 217008
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 49.2 42.4 63.6





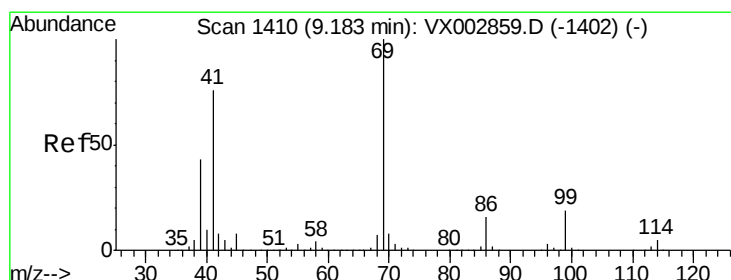
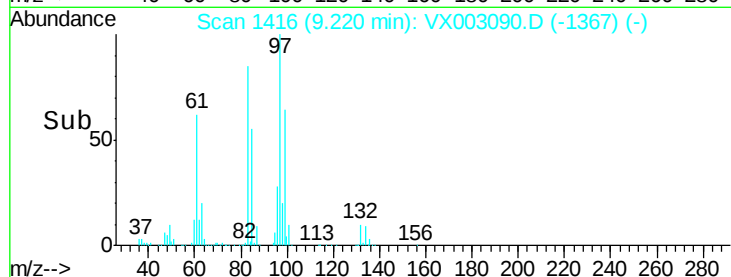
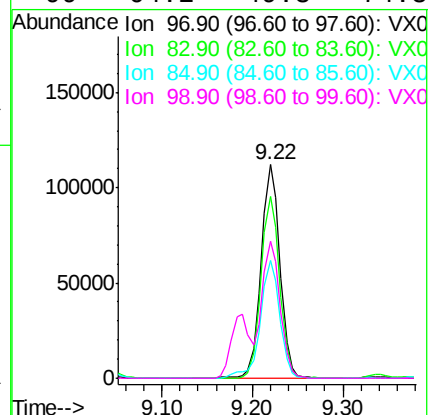
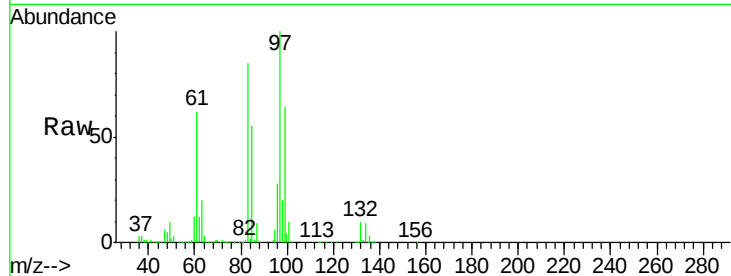
#55
 1,1,2-Trichloroethane
 Concen: 51.36 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion:	97	Resp:	161497
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	55.4	44.9	67.3
99	64.2	49.8	74.8

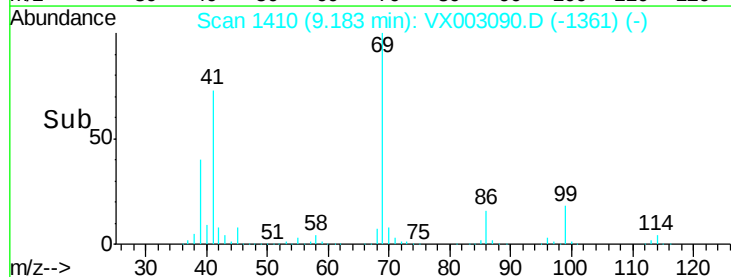
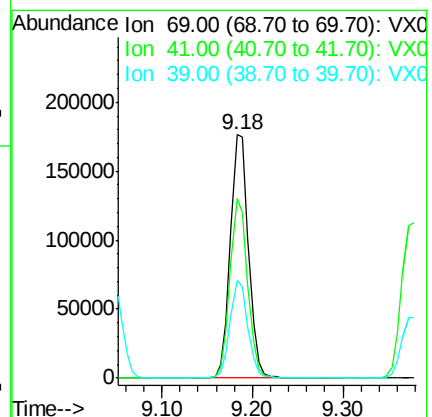
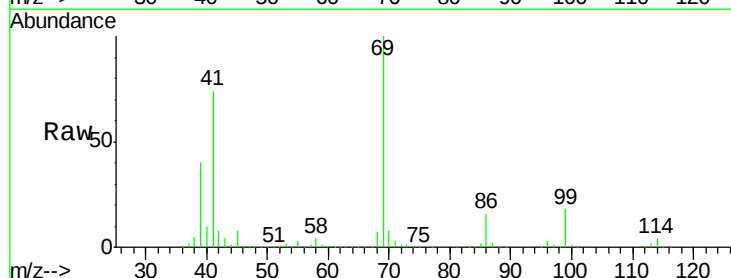
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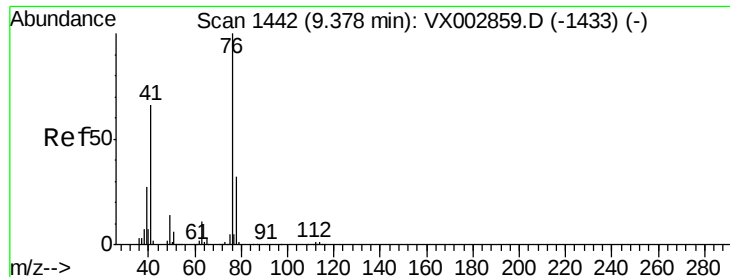
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#56
 Ethyl methacrylate
 Concen: 53.77 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion:	69	Resp:	247106
Ion	Ratio	Lower	Upper
69	100		
41	71.5	60.3	90.5
39	38.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.39 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion: 76 Resp: 265434

Ion Ratio Lower Upper

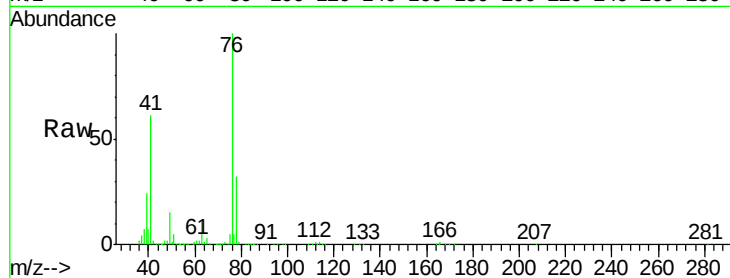
76 100

78 32.5 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

9.38

200000

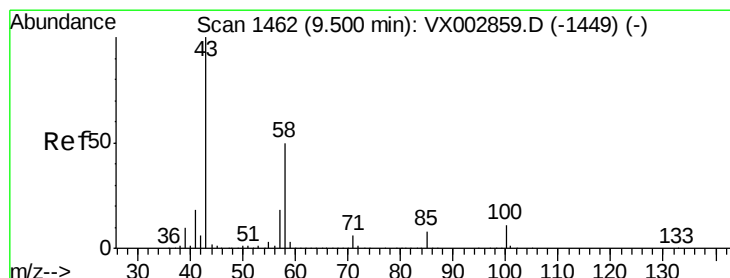
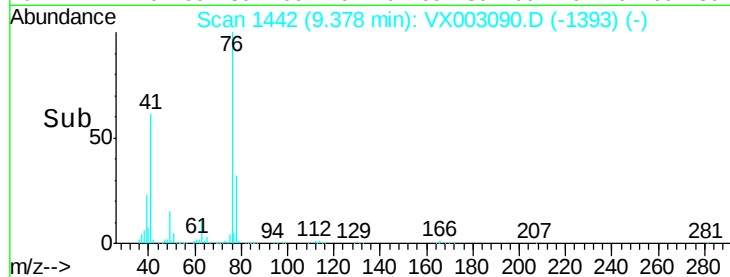
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 262.31 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003090.D

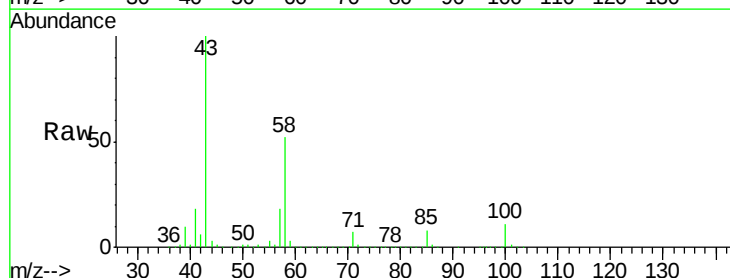
Acq: 30 Jun 2018 20:16

Tgt Ion: 43 Resp: 926000

Ion Ratio Lower Upper

43 100

58 52.1 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

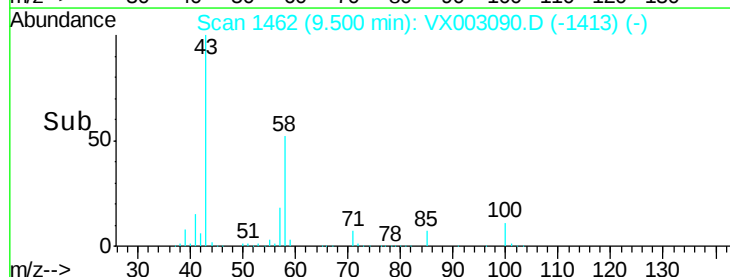
600000

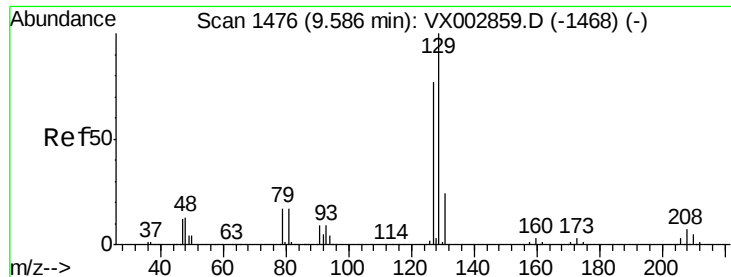
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 52.79 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MS

Tot Ion:129 Resp: 174739

Ion Ratio Lower Upper

129 100

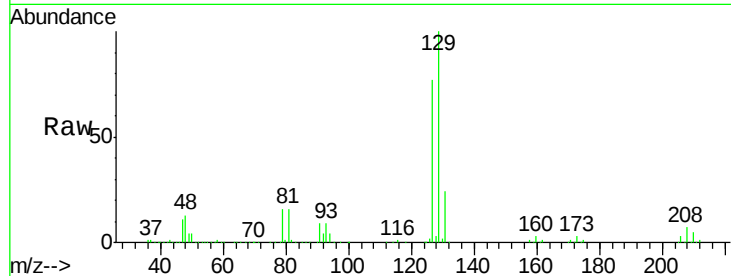
127 76.4 38.5 115.3

Manual Integrations

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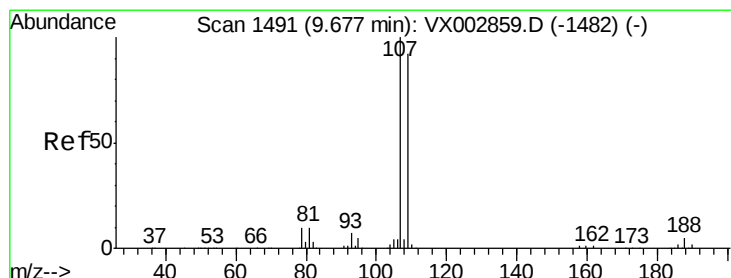
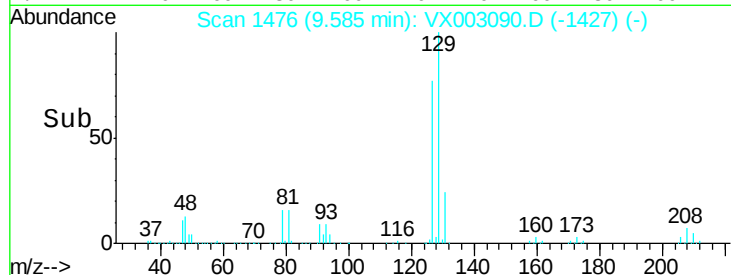
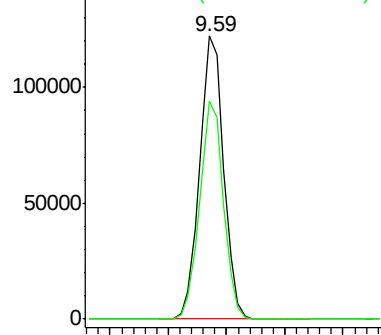
apatel

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.18 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003090.D

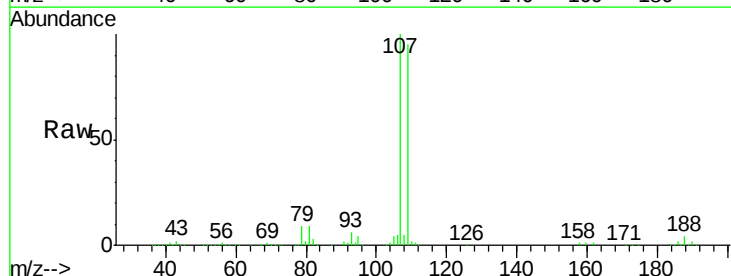
Acq: 30 Jun 2018 20:16

Tgt Ion:107 Resp: 172107

Ion Ratio Lower Upper

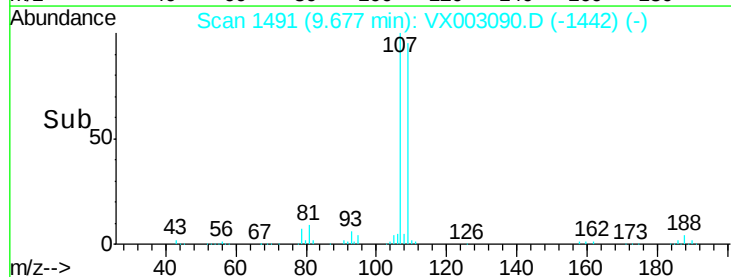
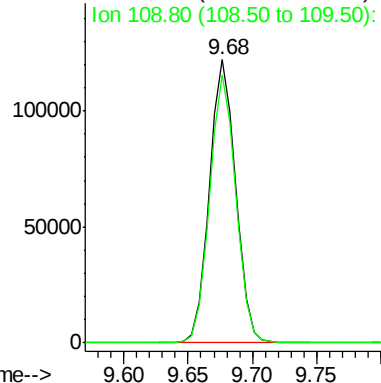
107 100

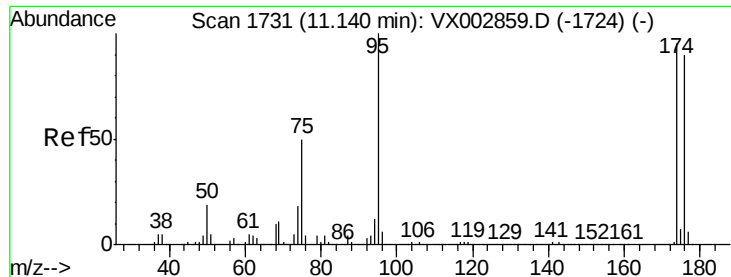
109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion: 95 Resp: 204982

Ion Ratio Lower Upper

95 100

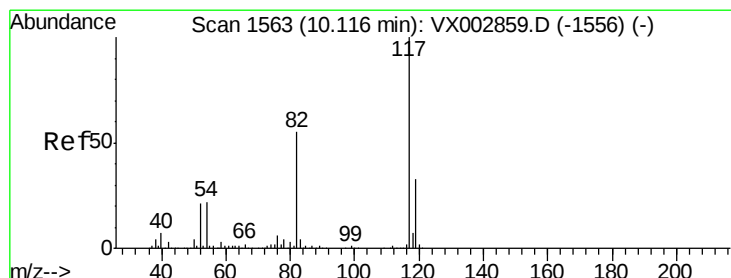
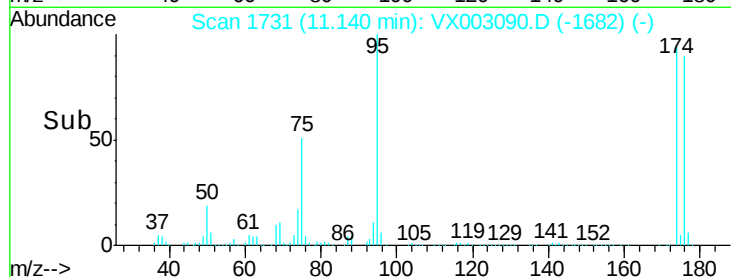
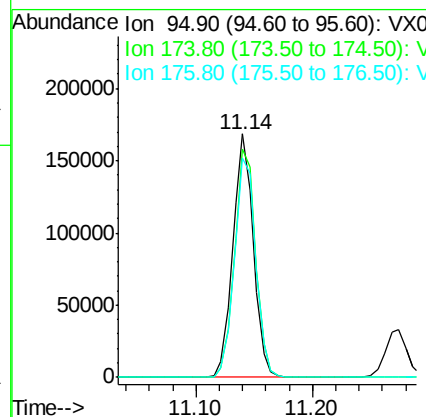
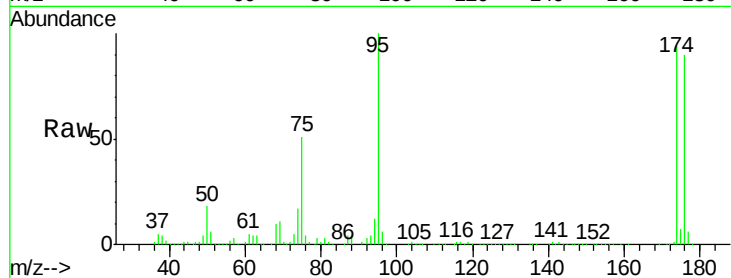
174 97.6 0.0 187.4

176 94.7 0.0 181.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

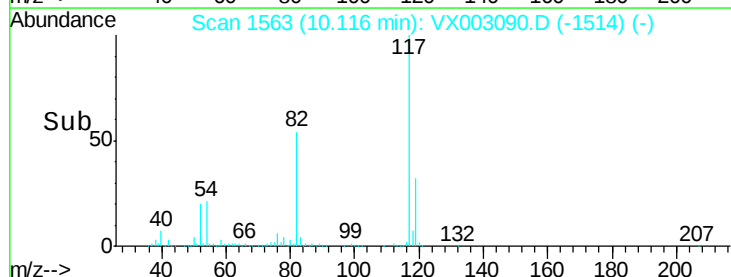
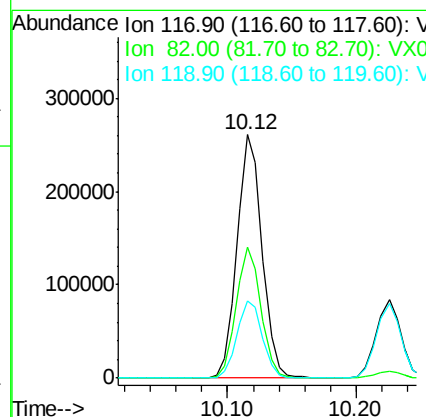
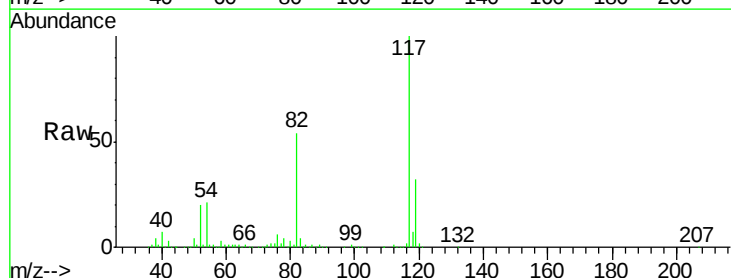
Tgt Ion: 117 Resp: 354597

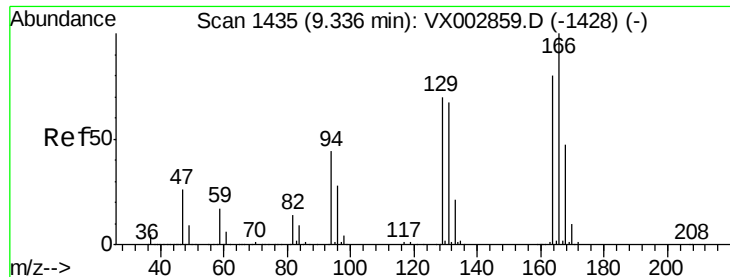
Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

119 31.9 25.8 38.6





#64

Tetrachloroethene

Concen: 43.17 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

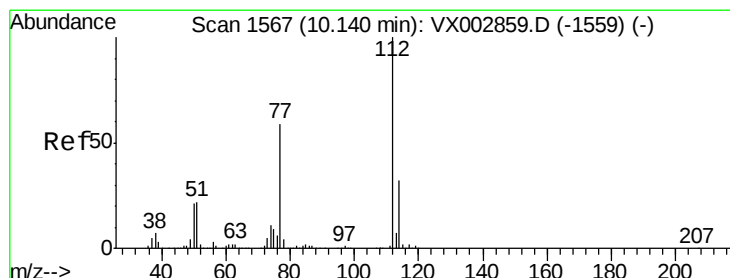
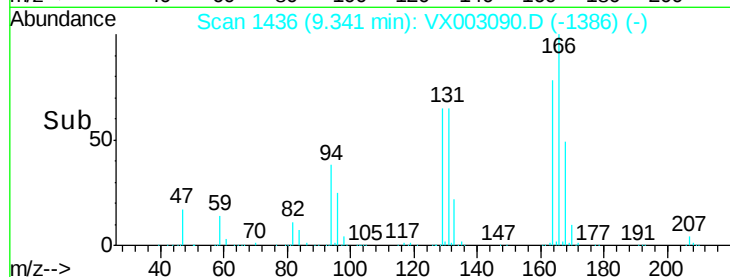
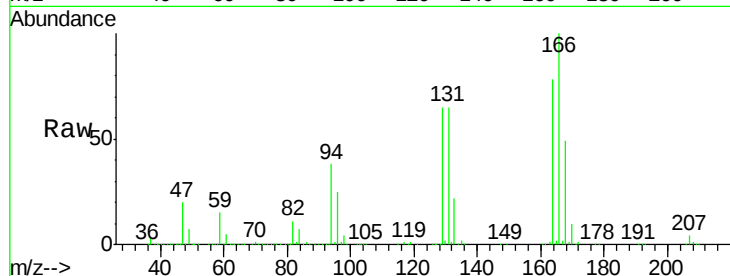
ClientSampled :

S73-0217MS

Tot Ion:	164	Resp:	170229
Ion Ratio	Lower	Upper	
164	100		
166	127.8	102.9	154.3
129	83.4	68.6	102.8
131	83.6	66.8	100.2

Manual Integrations
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#65

Chlorobenzene

Concen: 49.88 ug/l

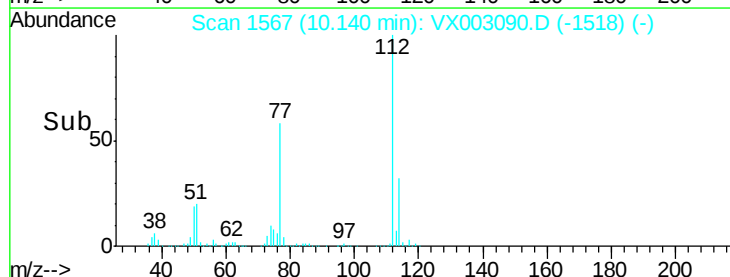
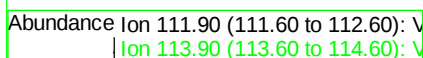
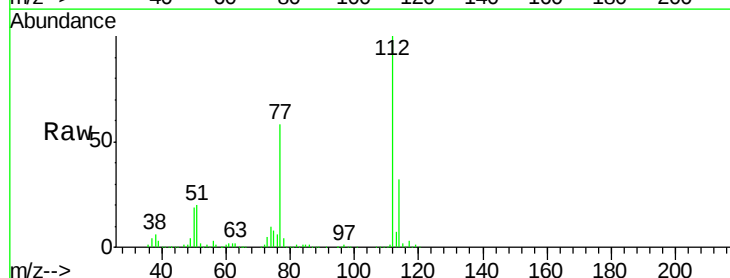
RT: 10.14 min Scan# 1567

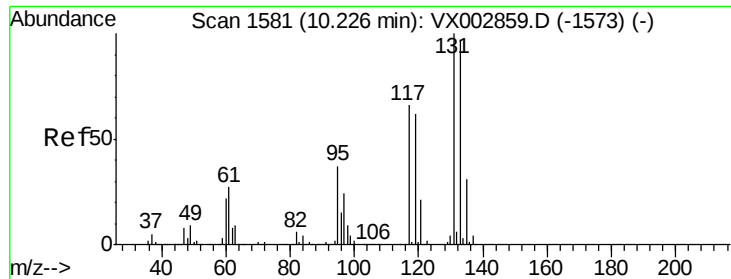
Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	112	Resp:	449219
Ion Ratio	Lower	Upper	
112	100		
114	31.9	25.3	37.9





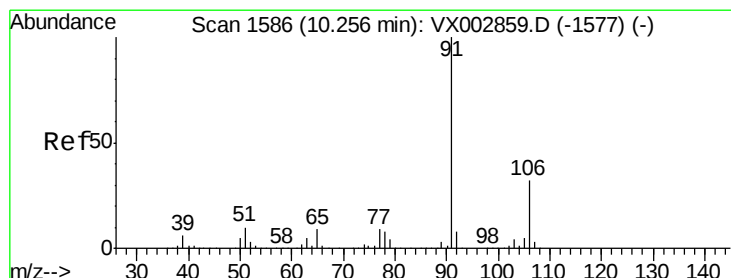
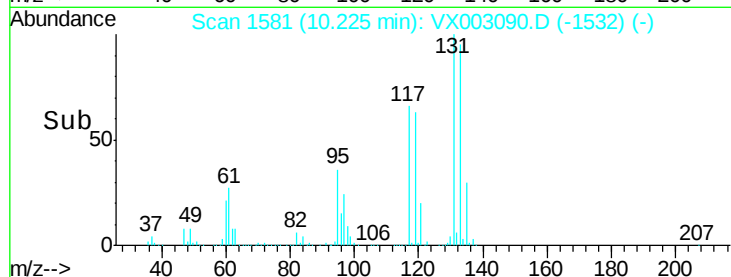
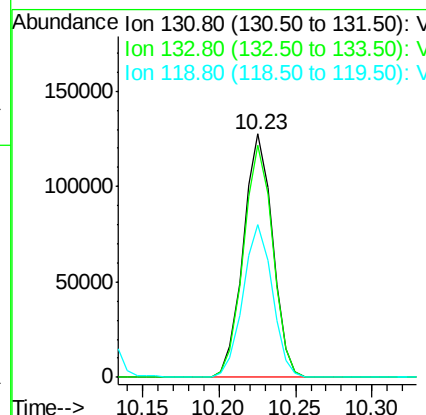
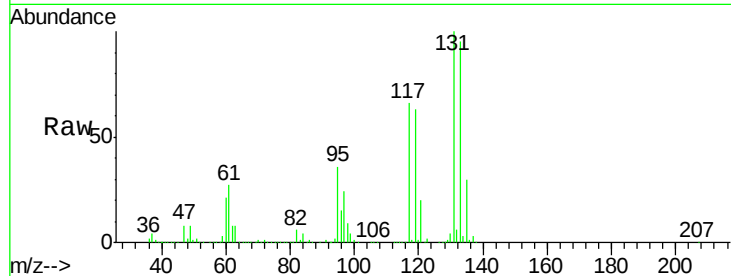
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.92 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	169871		
133	95.5	47.9	143.6	
119	62.8	31.8	95.3	

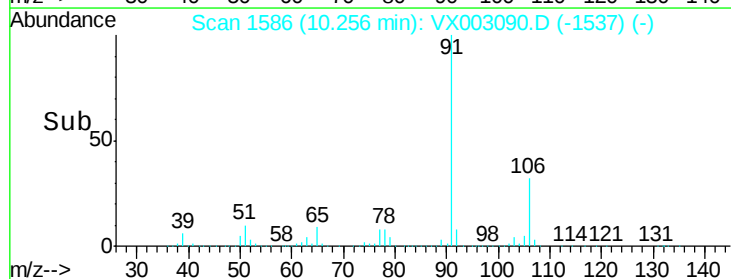
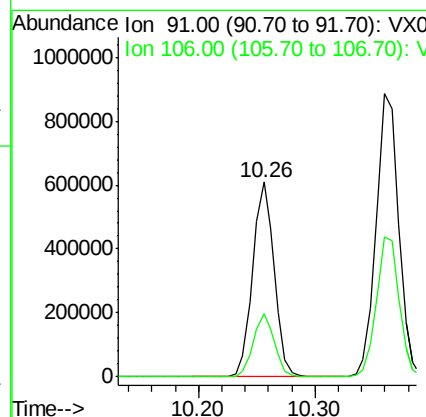
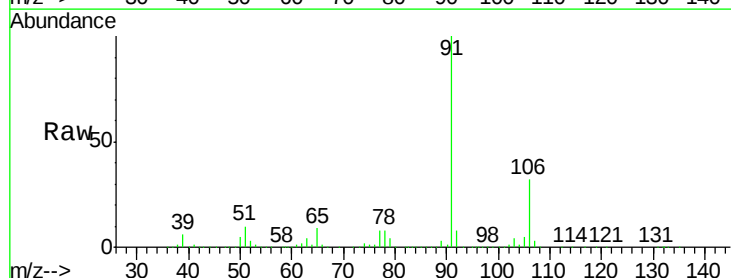
Manual Integrations
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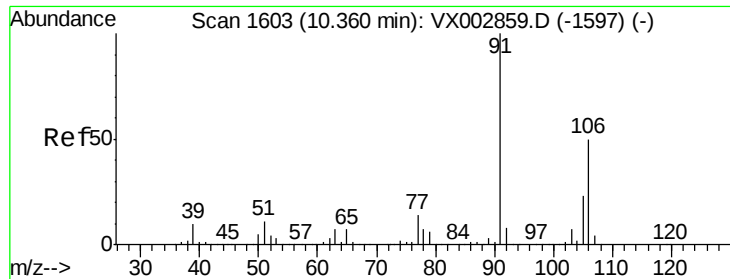
apatel
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#67
 Ethyl Benzene
 Concen: 52.94 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	787593		
106	32.3	25.5	38.3	





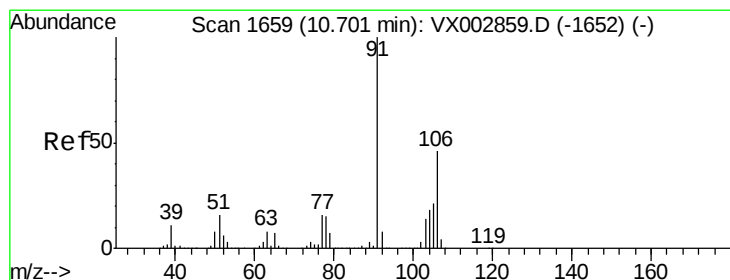
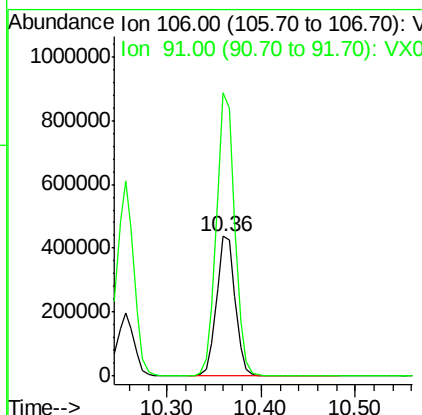
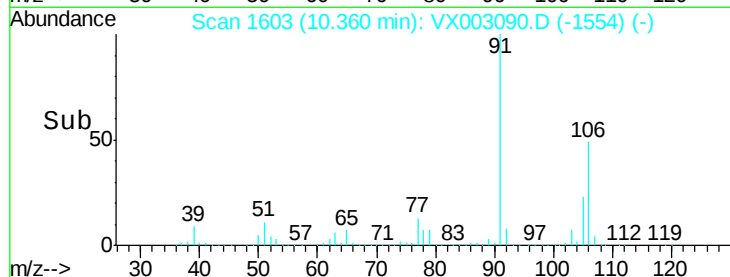
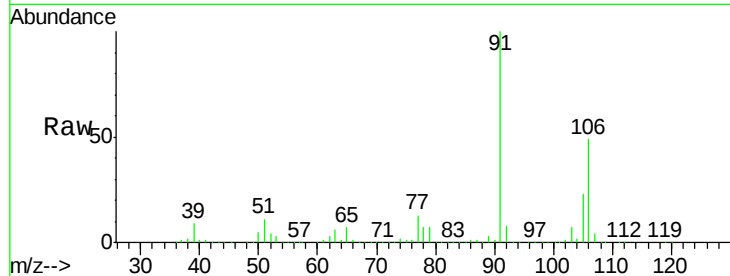
#68
m/p-Xvlenes
Concen: 104.44 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion:106 Resp: 598849
Ion Ratio Lower Upper
106 100
91 201.0 163.4 245.2

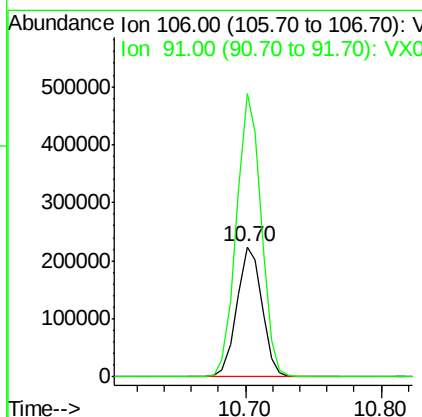
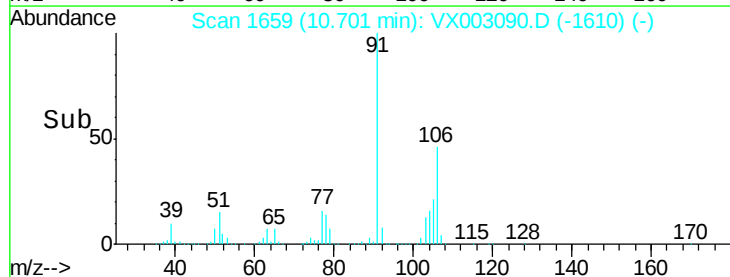
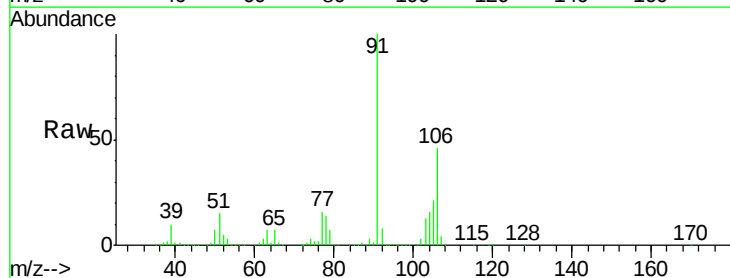
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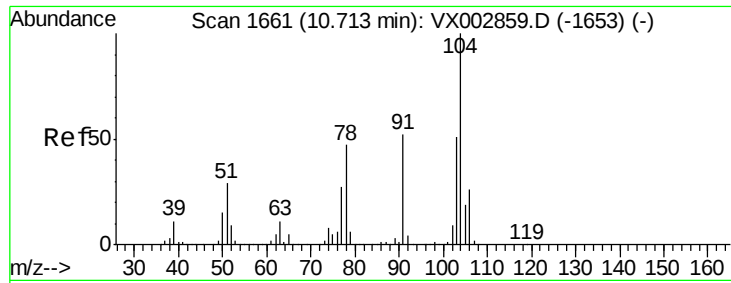
apatel
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#69
o-Xylene
Concen: 51.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion:106 Resp: 287001
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6





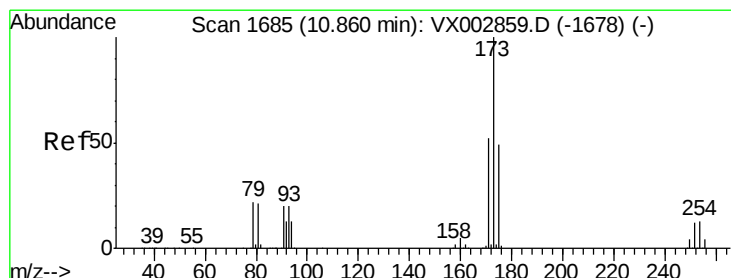
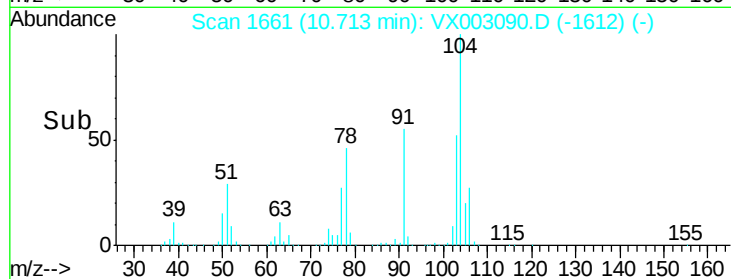
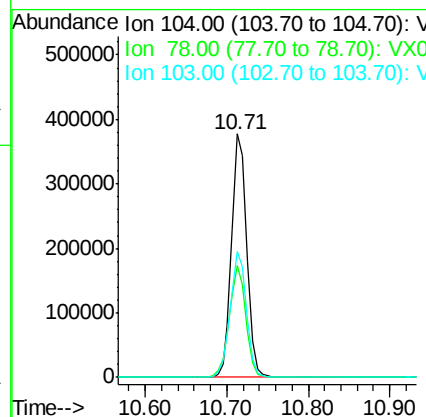
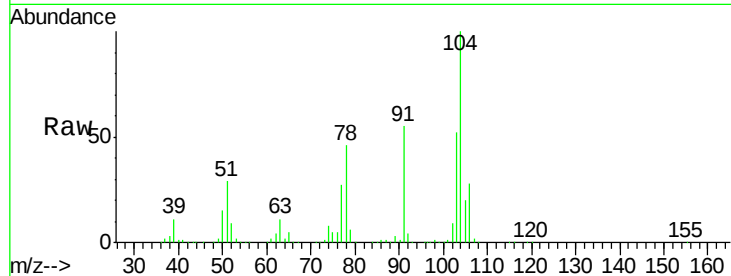
#70
Stvrene
Concen: 53.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	483115		
78	49.9	41.0	61.6	
103	55.4	44.2	66.4	

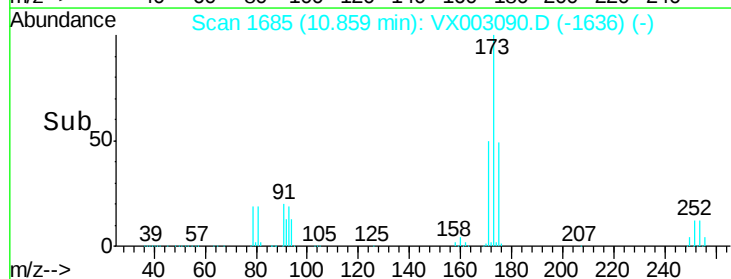
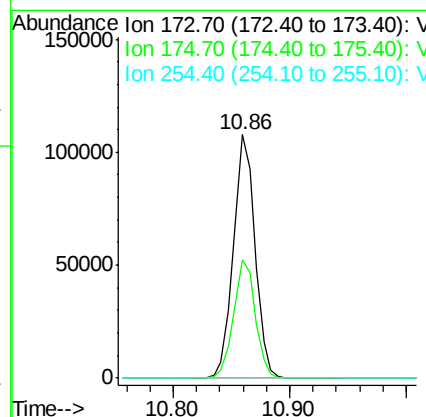
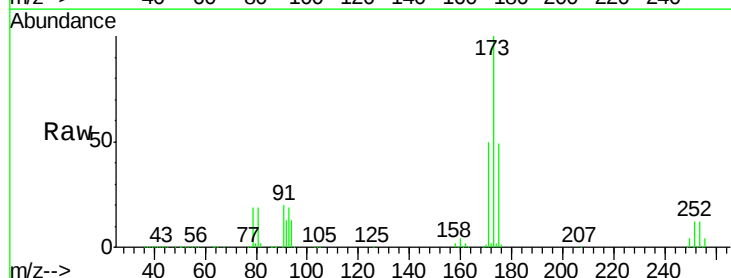
Manual Integrations
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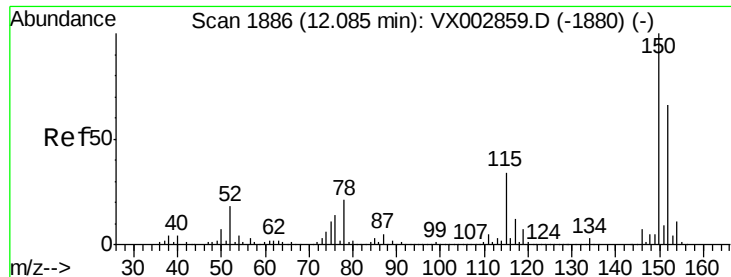
apatel
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#71
Bromoform
Concen: 47.30 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	139155		
175	48.8	24.7	74.1	
254	0.2	0.2	0.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

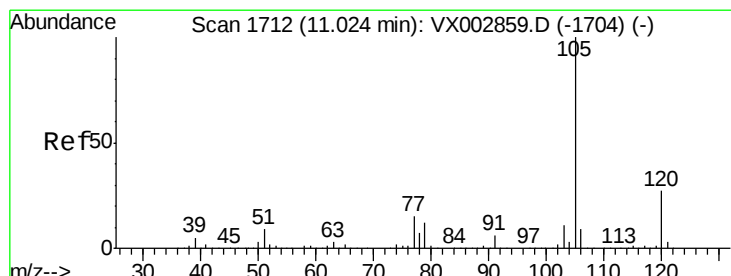
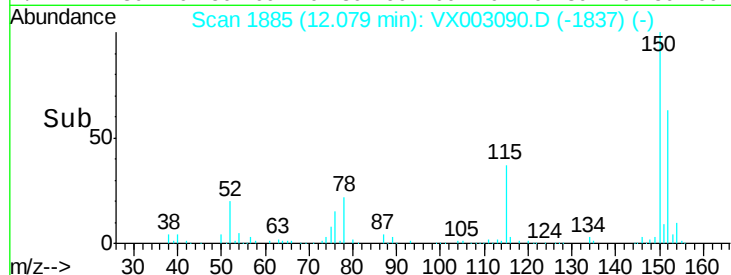
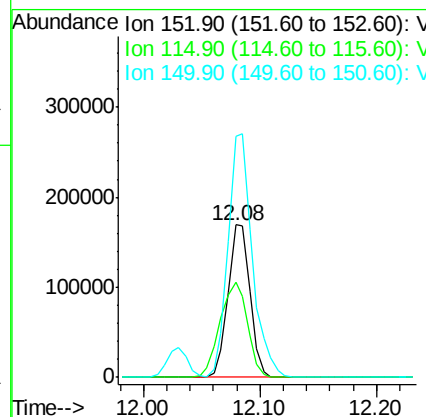
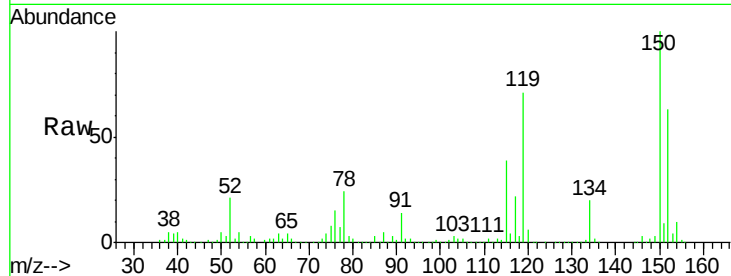
ClientSampled :

S73-0217MS

Tot Ion:	152	Resp:	220321
Ion Ratio	Lower	Upper	
152	100		
115	77.1	40.1	120.2
150	176.5	0.0	347.2

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#73

Isopropylbenzene

Concen: 53.12 ug/l

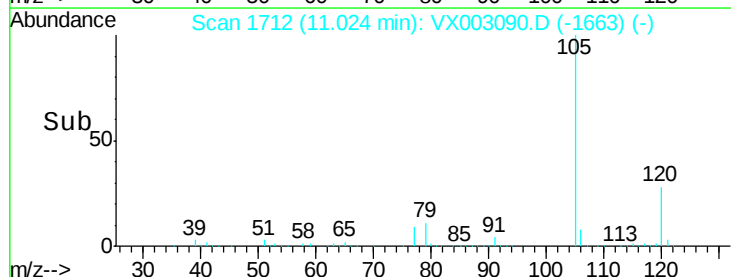
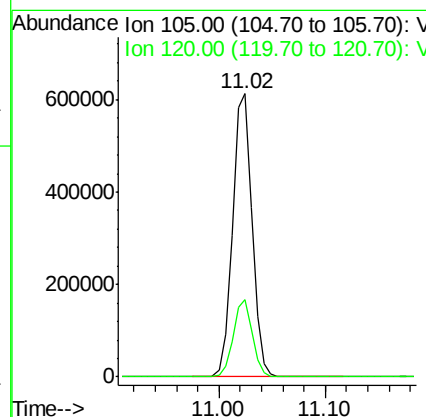
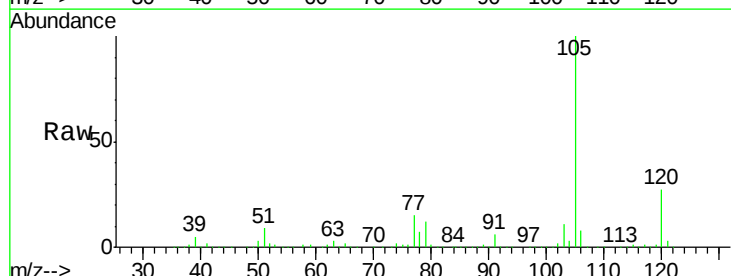
RT: 11.02 min Scan# 1712

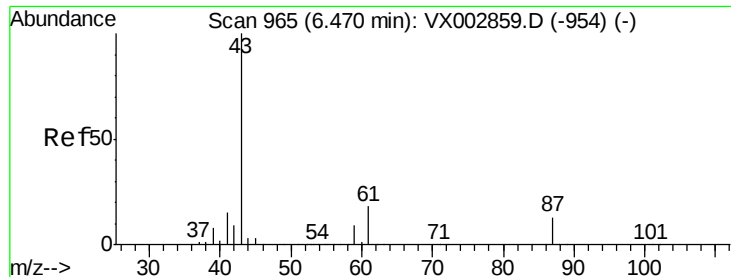
Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	105	Resp:	787353
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.5	40.4





#74

N-amvl acetate

Concen: 49.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

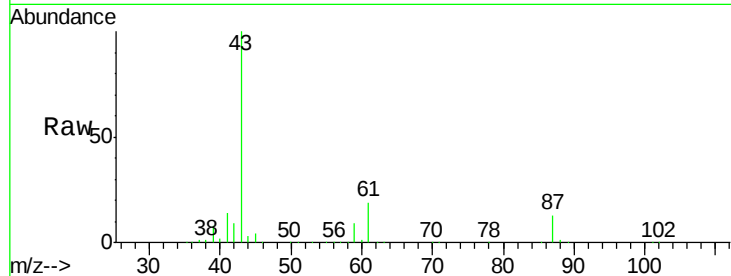
ClientSampleId :

S73-0217MS

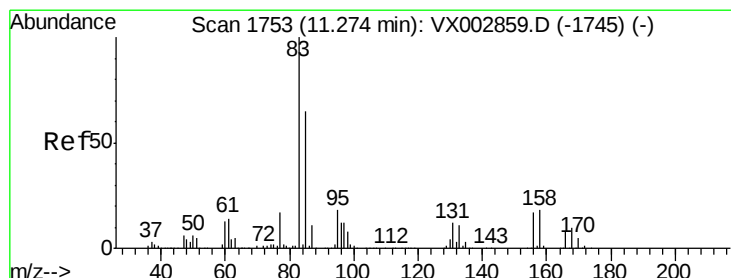
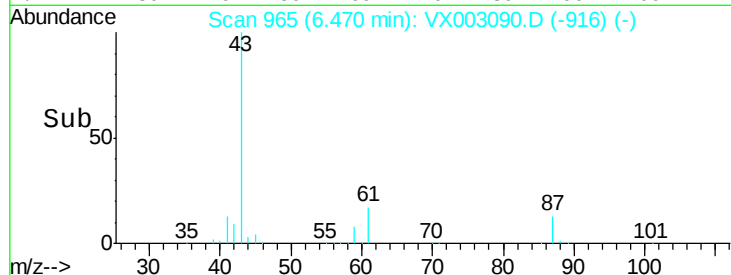
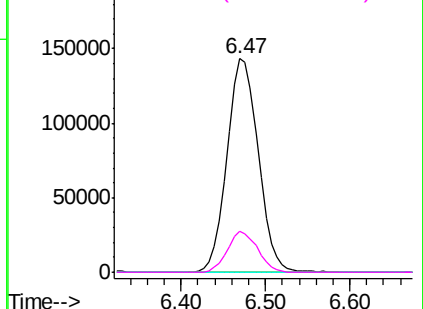
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	0.0	0.0#	
55	0.2	0.0	0.0#	
61	18.7	14.4	21.6	

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 55.10 ug/l

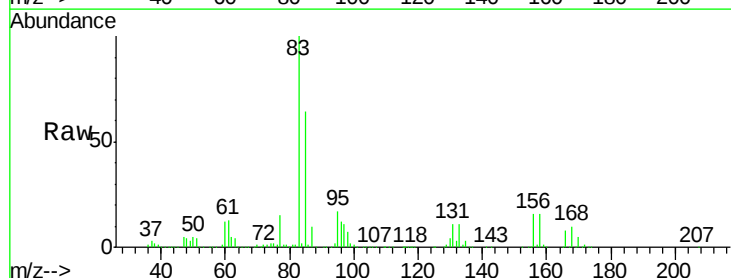
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

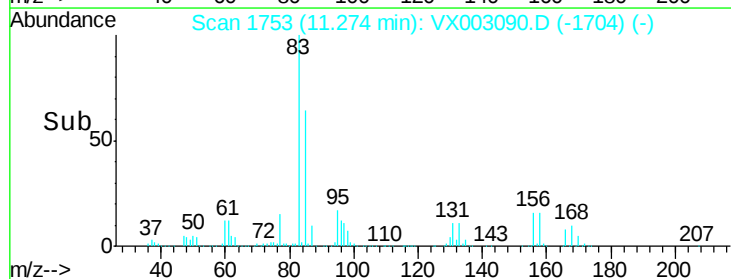
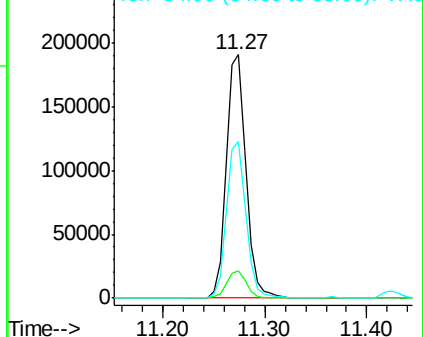
Lab File: VX003090.D

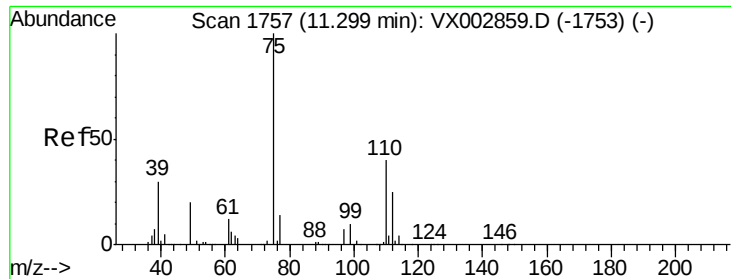
Acq: 30 Jun 2018 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.2	5.6	16.8	
85	64.1	32.4	97.2	



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





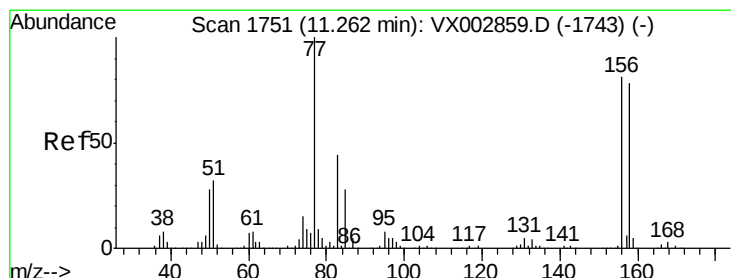
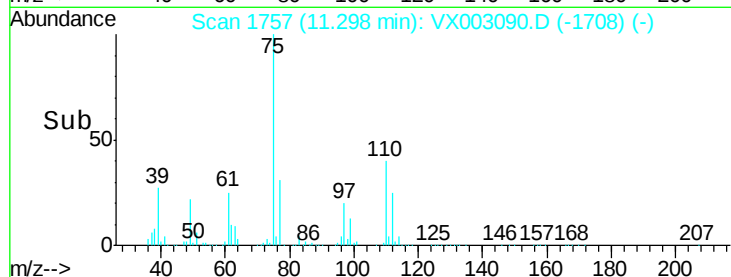
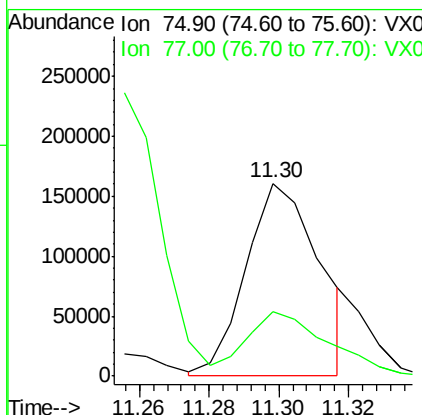
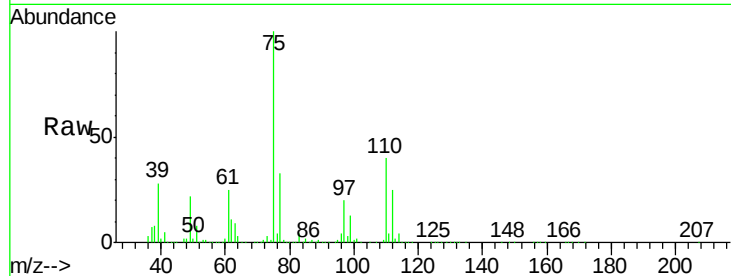
#76
 1,2,3-Trichloropropane
 Concen: 59.05 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion: 75 Resp: 235664
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.8 68.3

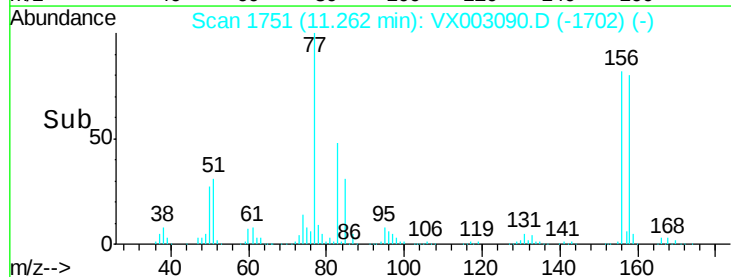
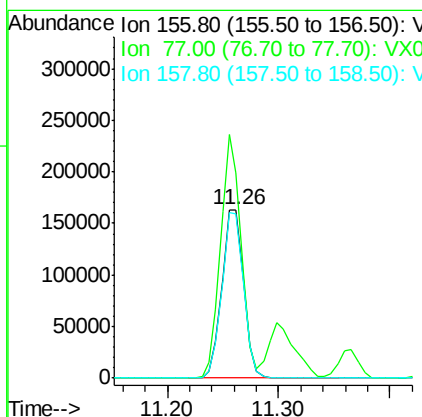
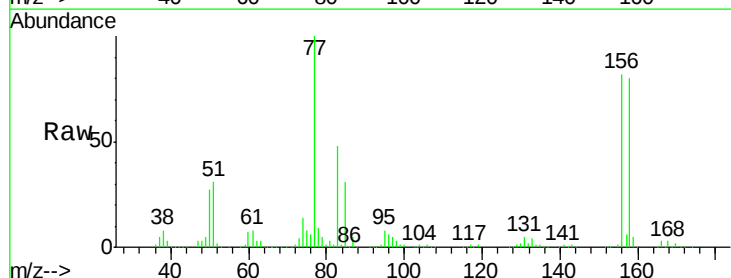
Manual Integrations
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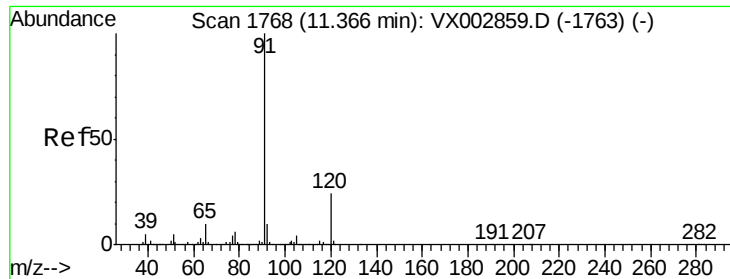
apatel
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#77
 Bromobenzene
 Concen: 52.36 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion: 156 Resp: 220994
 Ion Ratio Lower Upper
 156 100
 77 135.5 71.4 214.2
 158 97.6 48.9 146.6





#78

n-propylbenzene

Concen: 51.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

ClientSampled :

S73-0217MS

Tot Ion: 91 Resp: 875622

Ion Ratio Lower Upper

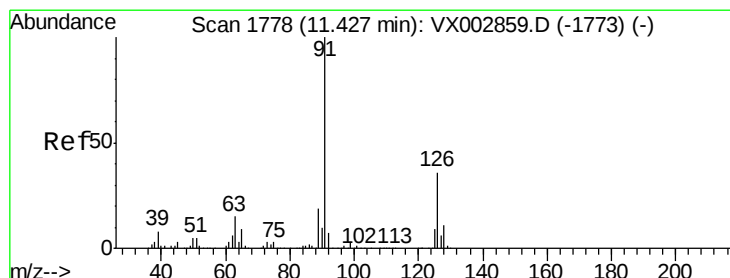
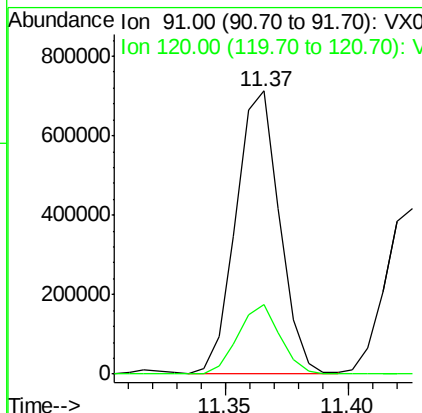
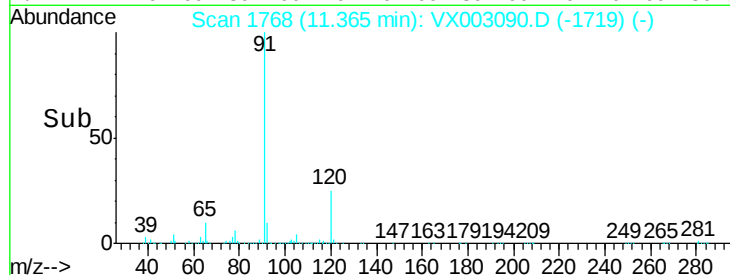
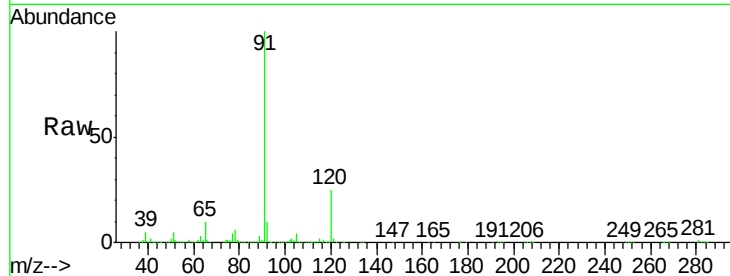
91 100

120 24.0 11.8 35.4

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#79

2-Chlorotoluene

Concen: 50.93 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003090.D

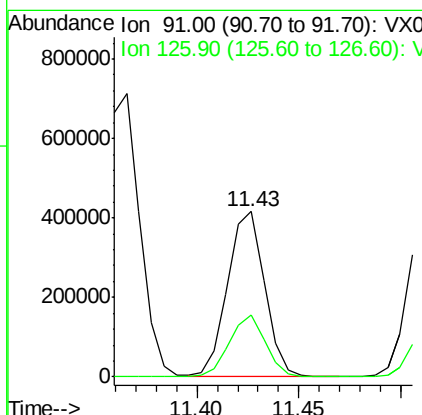
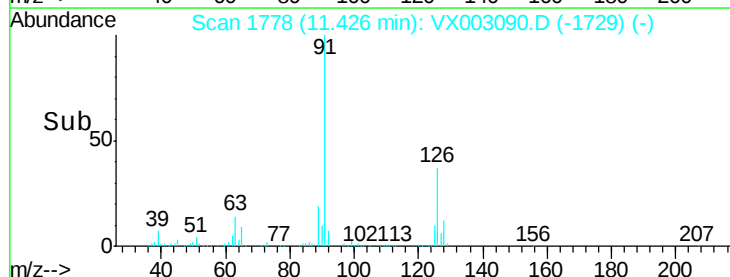
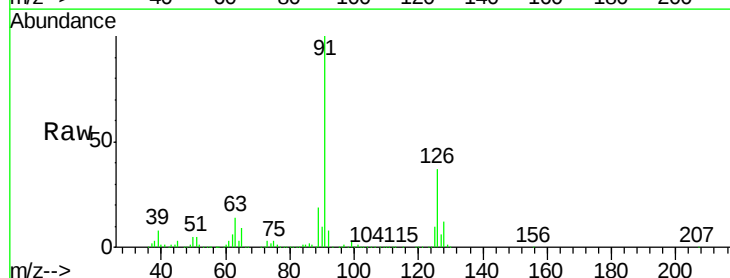
Acq: 30 Jun 2018 20:16

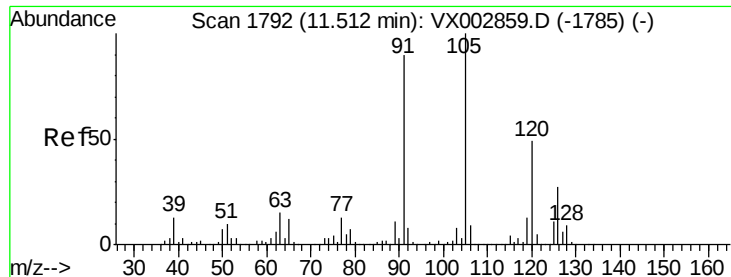
Tgt Ion: 91 Resp: 520206

Ion Ratio Lower Upper

91 100

126 36.6 17.7 53.1





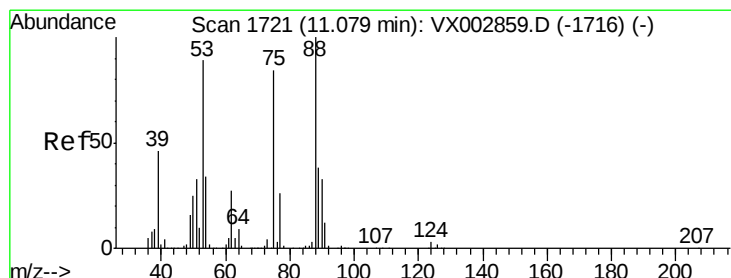
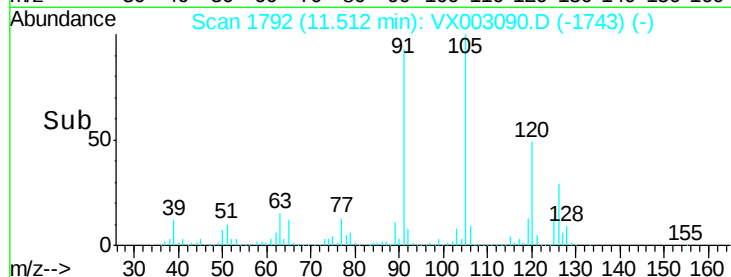
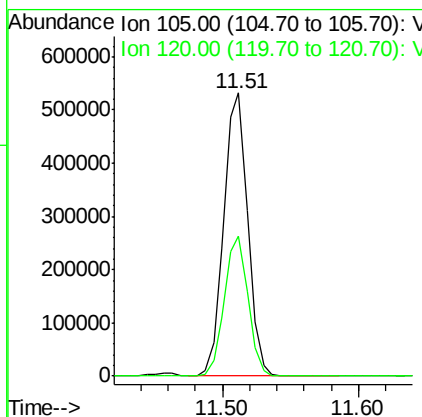
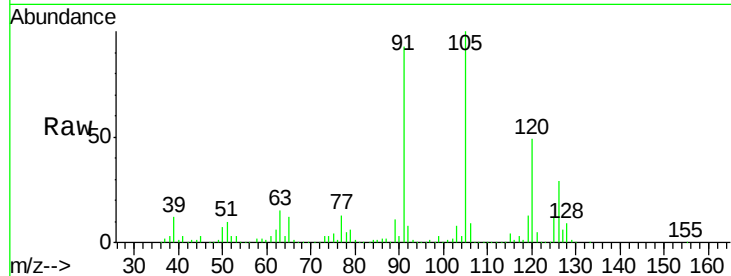
#80
 1,3,5-Trimethylbenzene
 Concen: 51.83 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.4	73.4

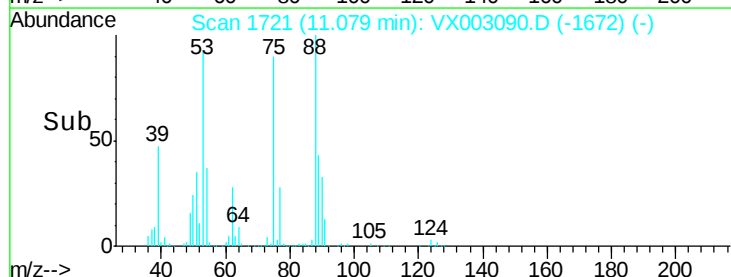
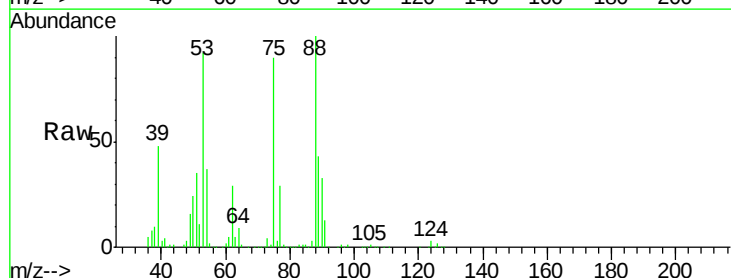
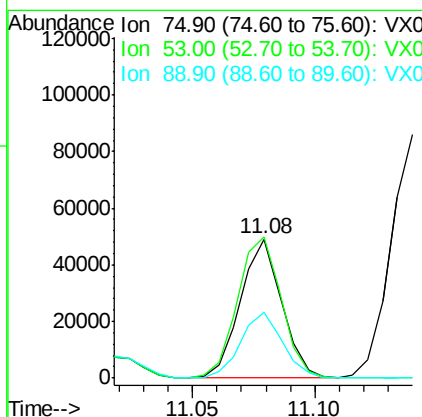
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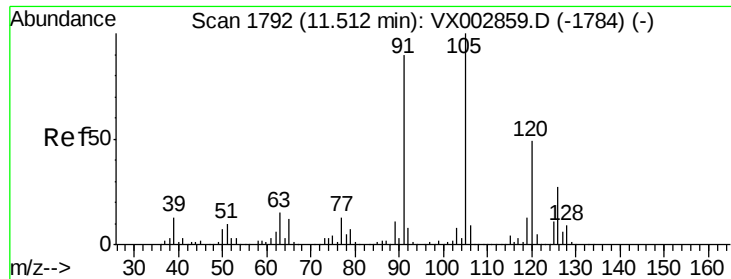
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.23 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.1	86.8	130.2
89	48.6	38.2	57.2





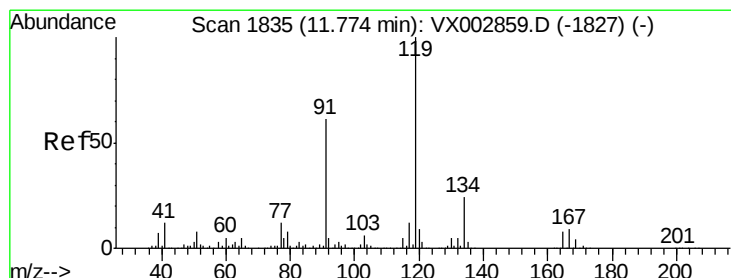
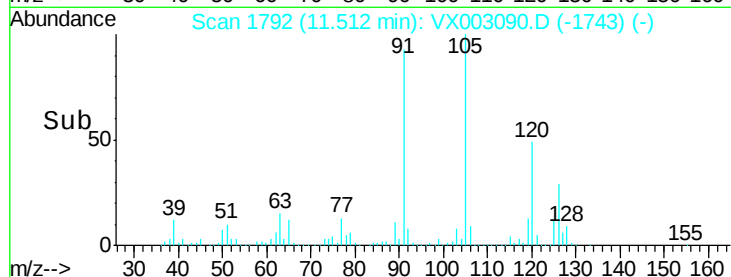
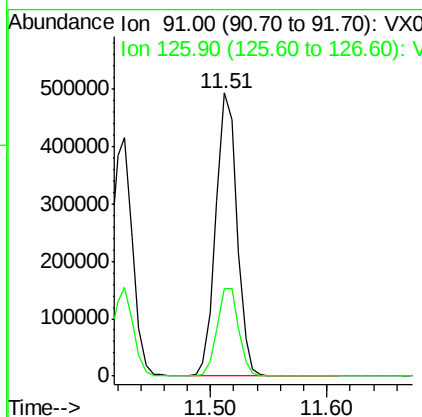
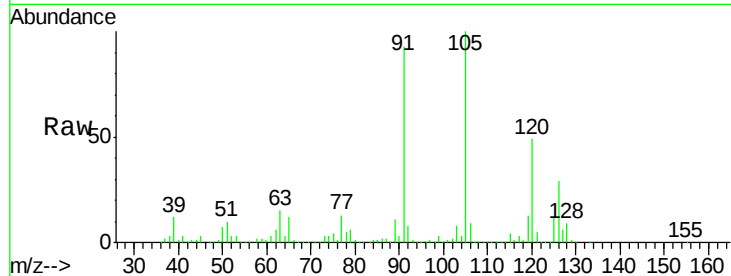
#82
4-Chlorotoluene
Concen: 50.75 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4

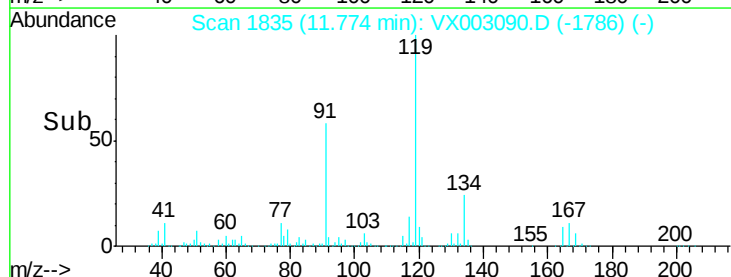
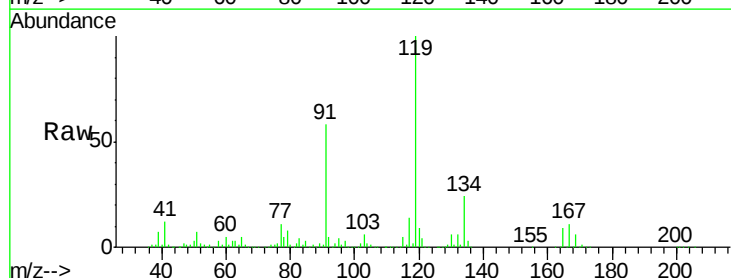
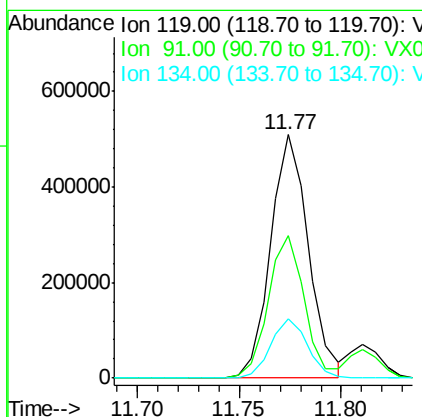
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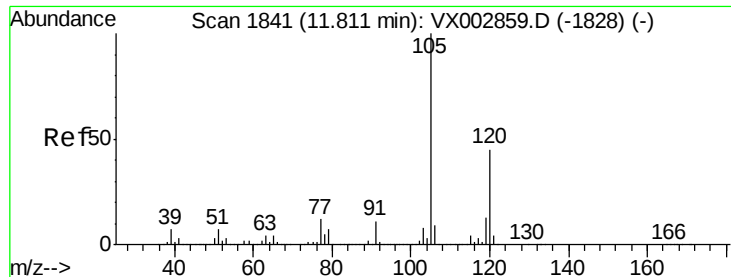
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#83
tert-Butylbenzene
Concen: 53.52 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.4	30.3	90.9
134	23.6	11.7	35.1





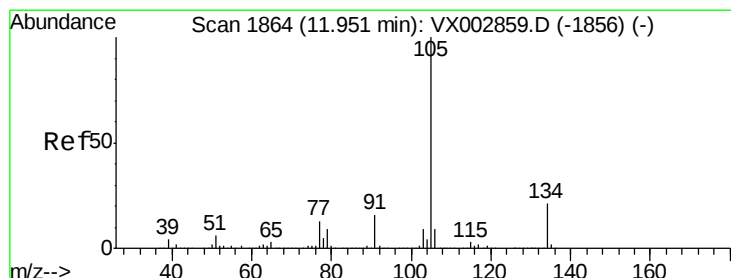
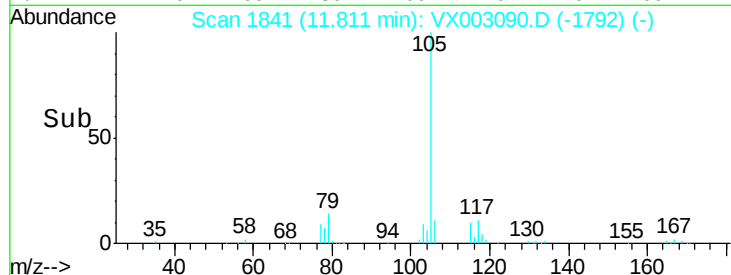
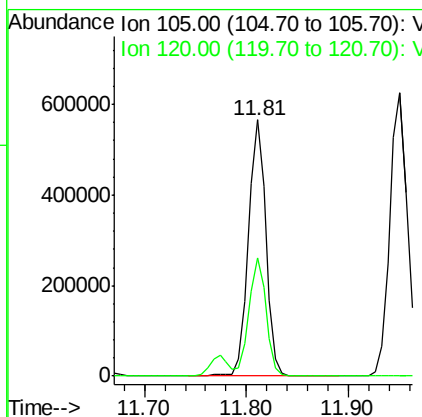
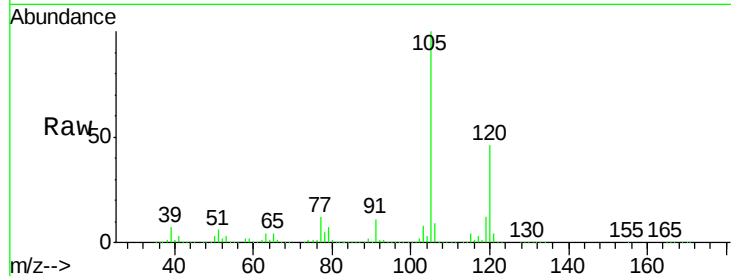
#84
 1,2,4-Trimethylbenzene
 Concen: 52.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.8

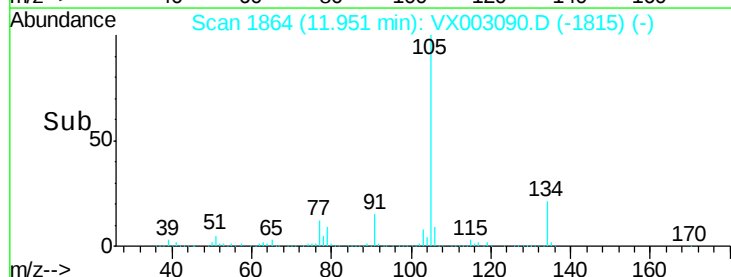
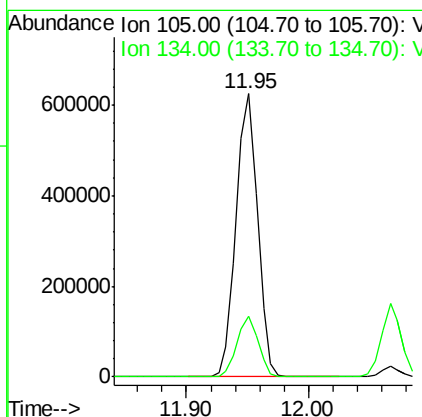
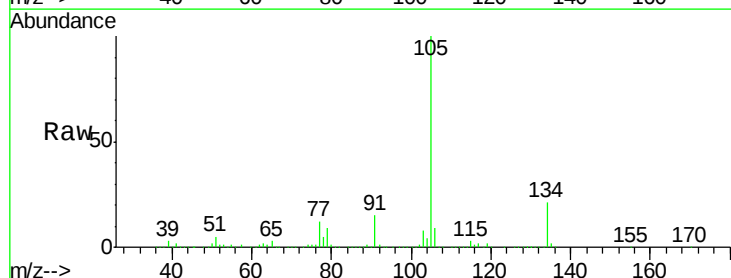
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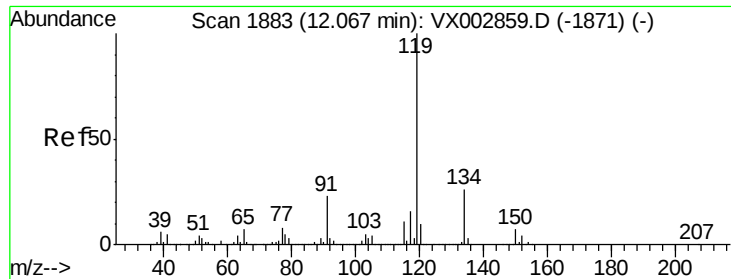
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#85
 sec-Butylbenzene
 Concen: 50.79 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.4	31.1





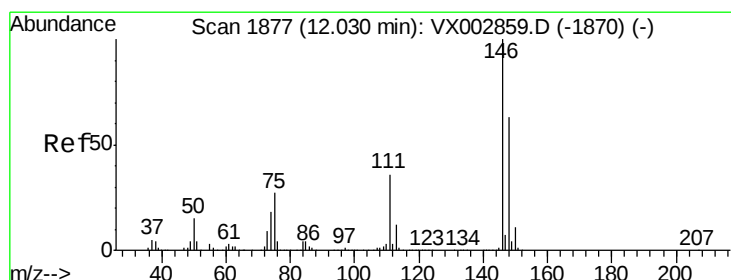
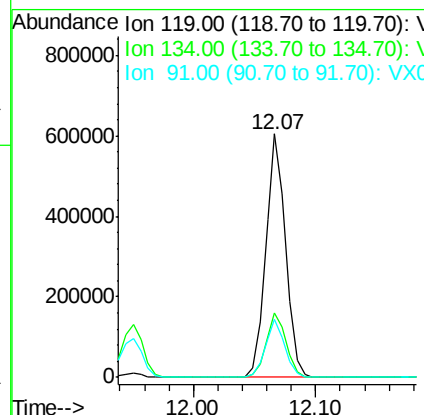
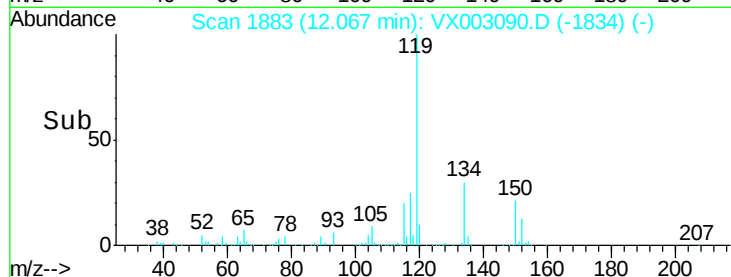
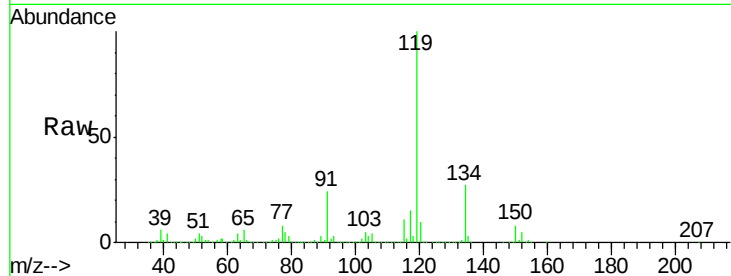
#86
p-Isopropyltoluene
Concen: 50.77 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MS

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	26.9	13.4	40.1
91	23.2	11.9	35.7

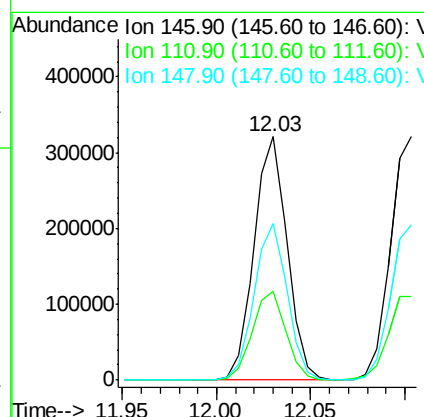
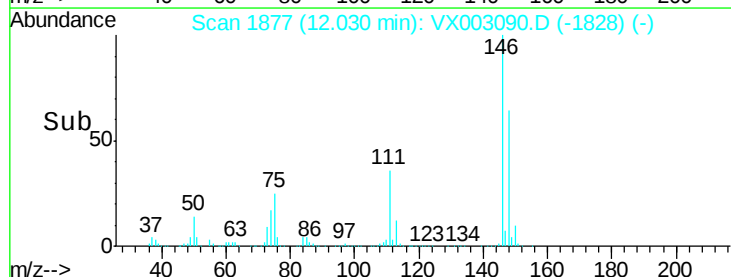
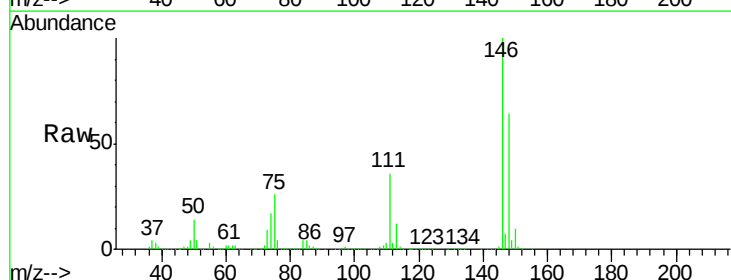
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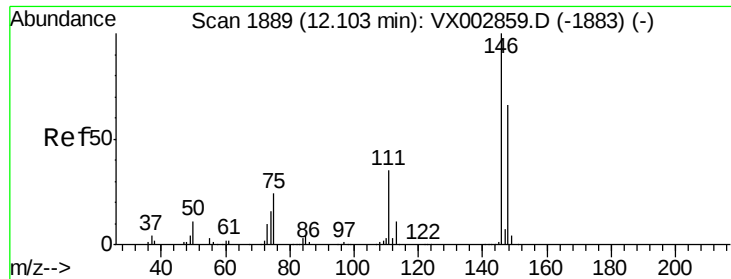
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#87
1,3-Dichlorobenzene
Concen: 50.63 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.4	32.1	96.3





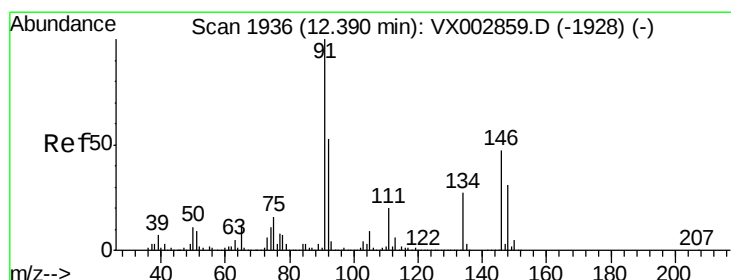
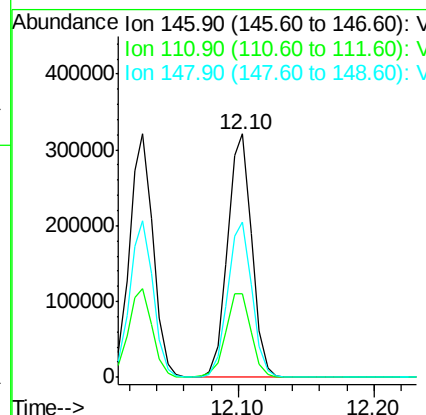
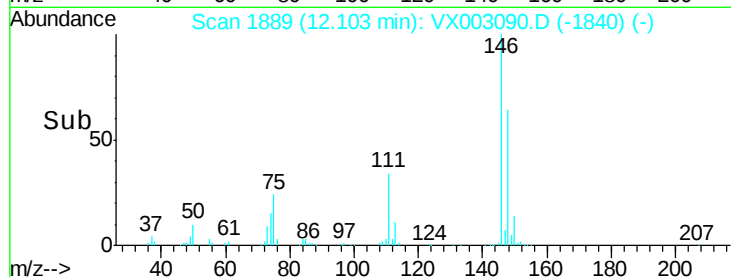
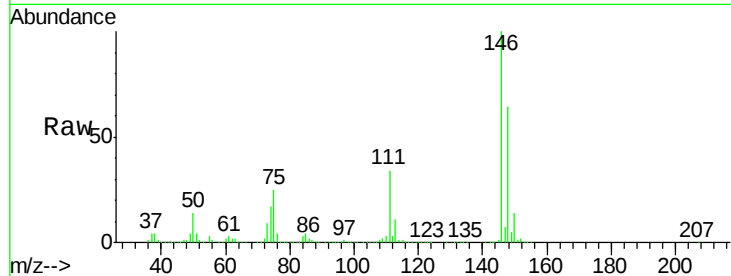
#88
 1,4-Dichlorobenzene
 Concen: 49.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	64.3	32.4	97.0

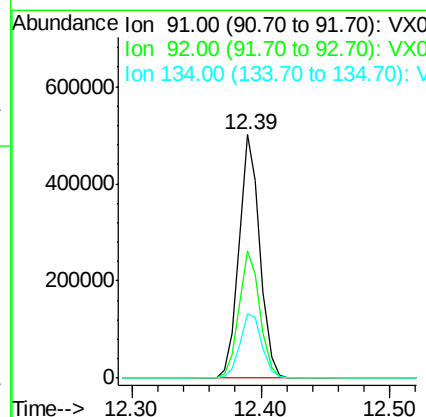
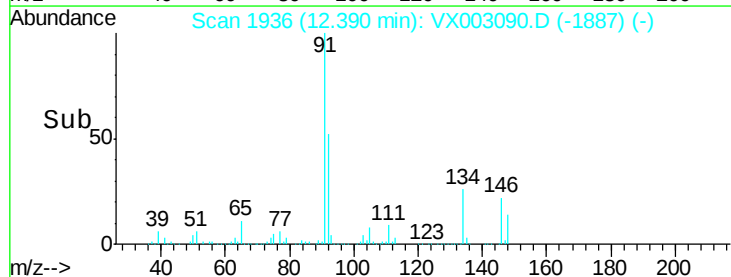
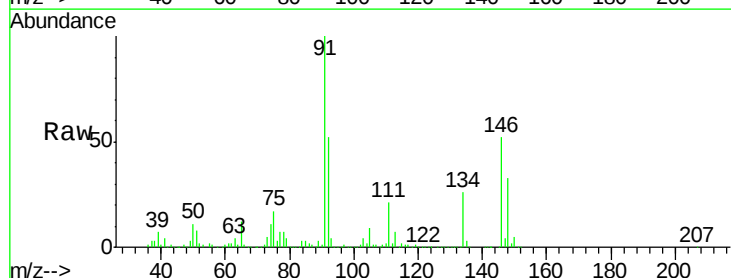
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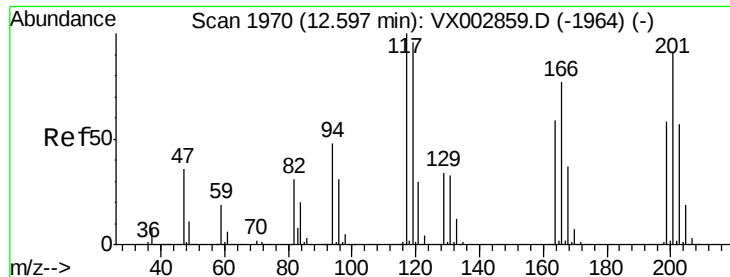
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#89
 n-Butylbenzene
 Concen: 48.21 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	27.9	13.5	40.5





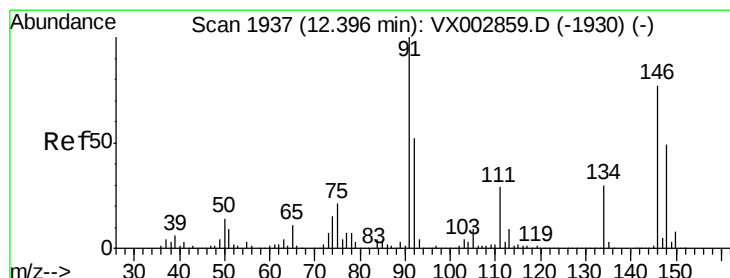
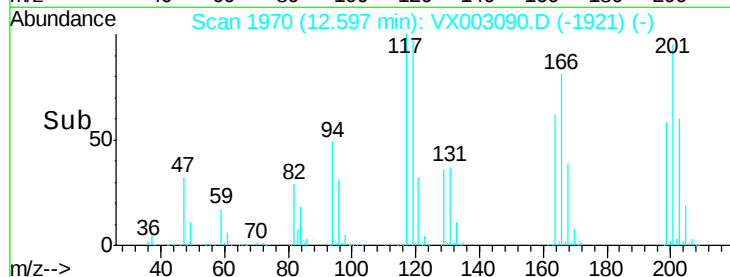
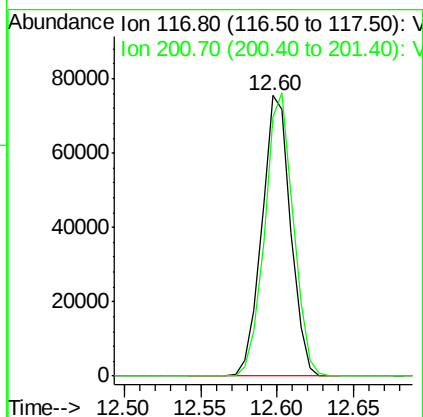
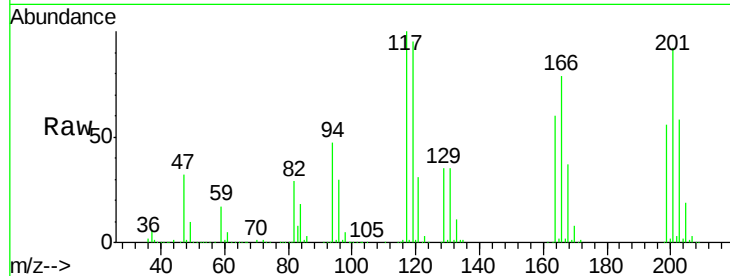
#90
Hexachloroethane
Concen: 49.64 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Instrument :
MSVOA_X
ClientSampled :
S73-0217MS

Tot Ion:117 Resp: 99070
Ion Ratio Lower Upper
117 100
201 100.0 49.0 147.0

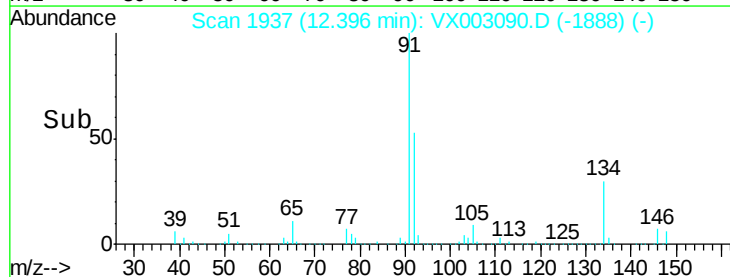
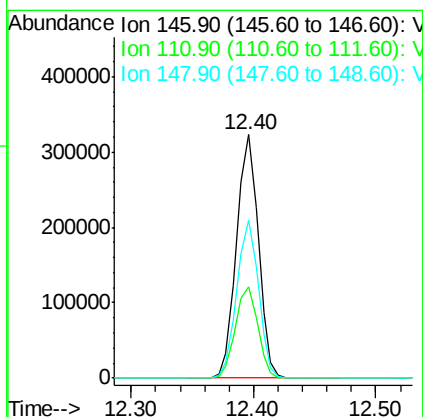
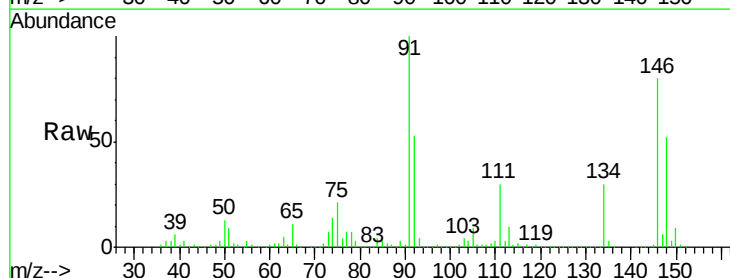
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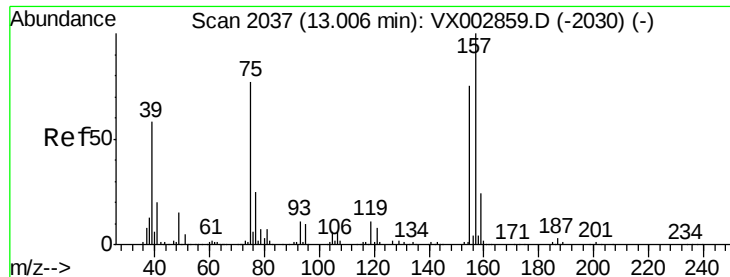
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#91
1,2-Dichlorobenzene
Concen: 51.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003090.D
Acq: 30 Jun 2018 20:16

Tgt Ion:146 Resp: 397626
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.1
148 64.5 31.7 95.1





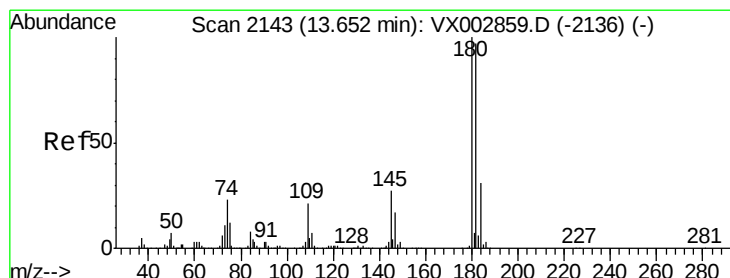
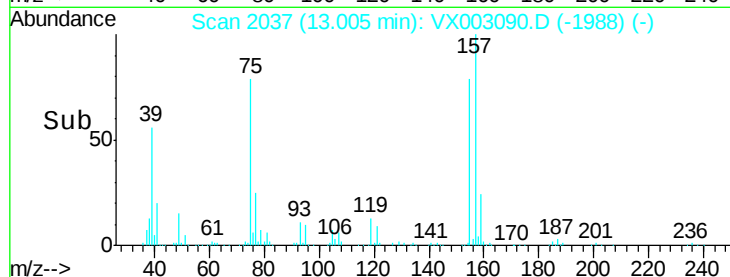
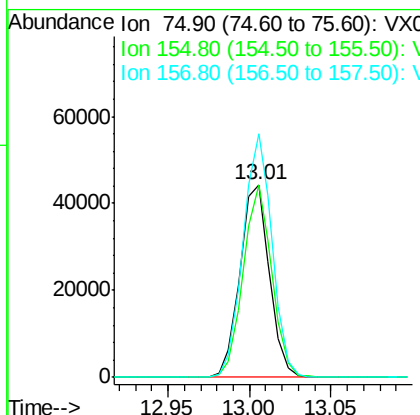
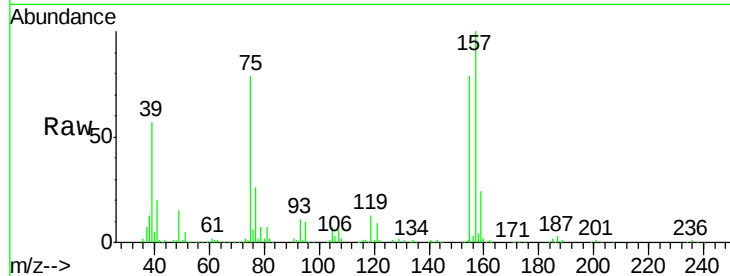
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.41 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.2	45.8	137.4
157	123.7	60.1	180.3

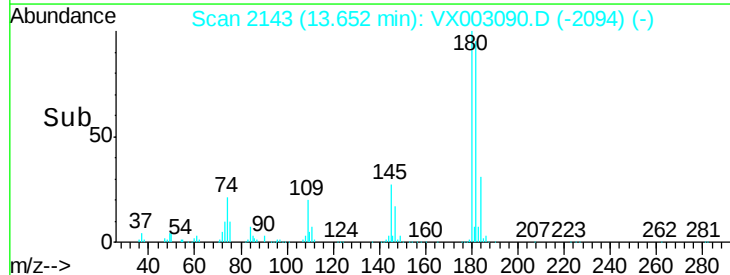
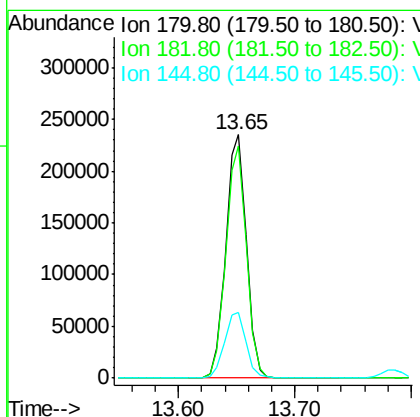
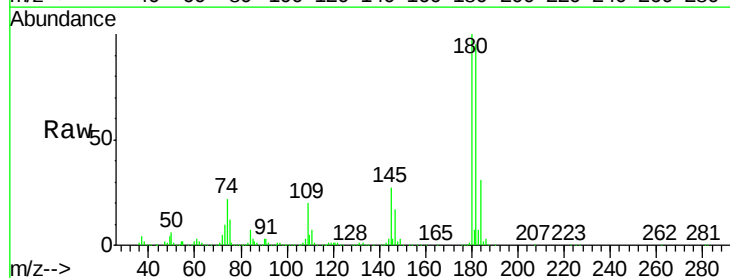
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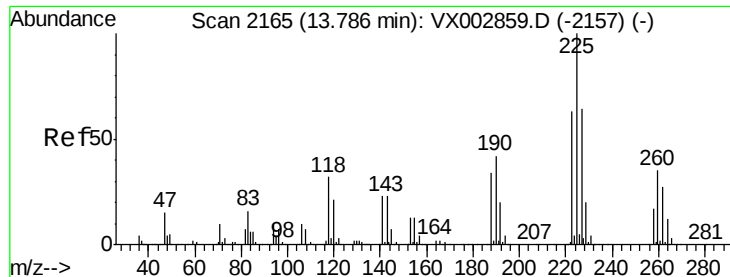
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	28.4	14.1	42.4





#94

Hexachlorobutadiene

Concen: 48.10 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Instrument :

MSVOA_X

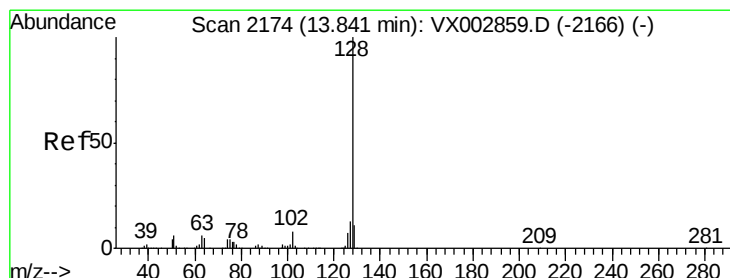
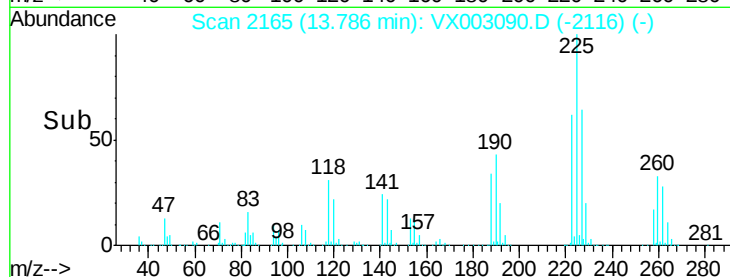
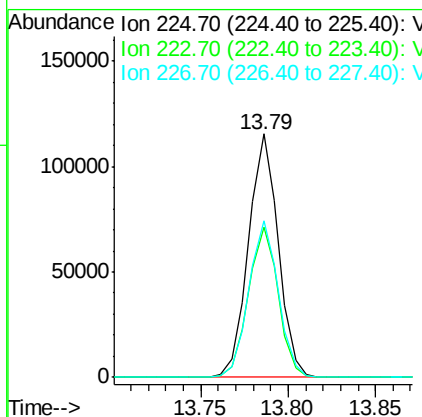
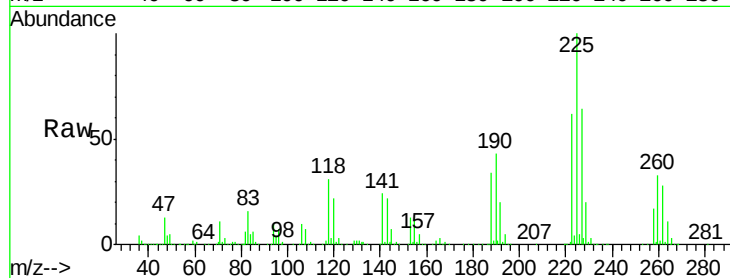
ClientSampleId :

S73-0217MS

Tot Ion:	225	Resp:	135838
Ion Ratio		Lower	Upper
225	100		
223	62.0	31.6	95.0
227	63.7	32.4	97.2

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#95

Naphthalene

Concen: 56.53 ug/l

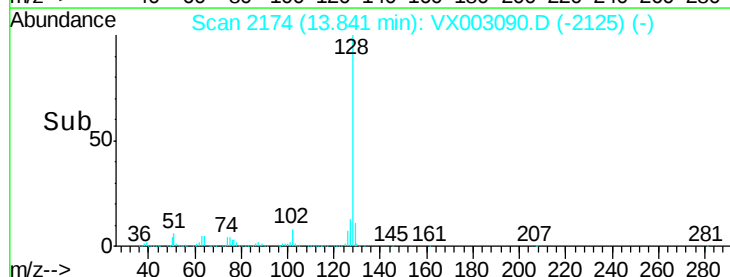
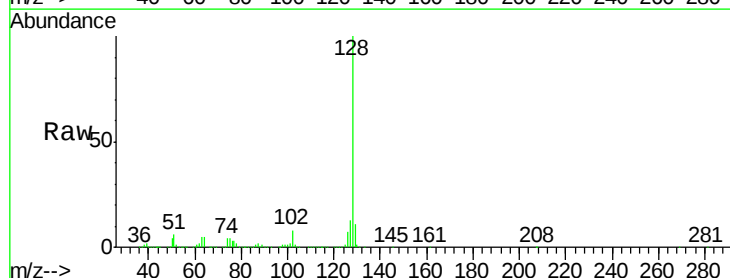
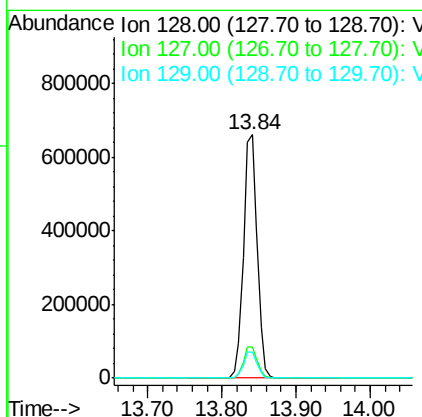
RT: 13.84 min Scan# 2174

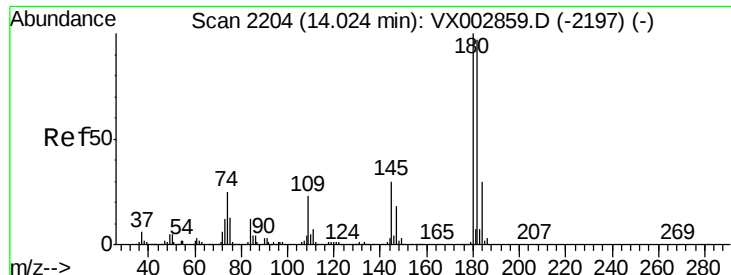
Delta R.T. -0.00 min

Lab File: VX003090.D

Acq: 30 Jun 2018 20:16

Tgt Ion:	128	Resp:	852574
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0





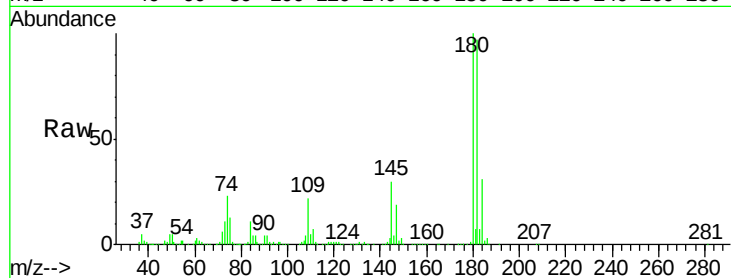
#96
 1,2,3-Trichlorobenzene
 Concen: 51.75 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003090.D
 Acq: 30 Jun 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	292722		
182	97.1	48.0	144.0	
145	30.3	14.8	44.3	

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:31 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

