

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003091.D
 Acq On : 30 Jun 2018 20:42
 Operator : JC/MD
 Sample : J3675-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Manual Integrations
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 7/2/2018 4:20:04 PM

Quant Time: Jul 02 04:27:29 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	266924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176903	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.51	113	148889	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.72	98	519823	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.14	95	203165	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141574	59.46	ug/l	100
3) Chloromethane	1.32	50	140467	56.93	ug/l	98
4) Vinyl Chloride	1.40	62	161242	53.42	ug/l	91
5) Bromomethane	1.64	94	54056	37.69	ug/l	98
6) Chloroethane	1.72	64	97590	55.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	244577	48.03	ug/l	99
8) Diethyl Ether	2.19	74	91202	49.27	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138808	47.05	ug/l	97
10) Methyl Iodide	2.51	142	140297	47.28	ug/l	98
11) Tert butyl alcohol	3.08	59	170309	231.72	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128604	48.85	ug/l	95
13) Acrolein	2.30	56	54270	135.17	ug/l	100
14) Allyl chloride	2.73	41	246818	47.56	ug/l	95
15) Acrylonitrile	3.15	53	398840	254.06	ug/l	99
16) Acetone	2.45	43	358702	234.77	ug/l	96
17) Carbon Disulfide	2.57	76	339645	48.42	ug/l	99
18) Methyl Acetate	2.78	43	177258	41.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	471835	49.86	ug/l	99
20) Methylene Chloride	2.86	84	143548	48.28	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139891	48.79	ug/l	93
22) Diisopropyl ether	3.88	45	515868	52.01	ug/l	98
23) Vinyl Acetate	3.83	43	2033936	242.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265886	49.32	ug/l	99
25) 2-Butanone	4.71	43	590026	260.20	ug/l	95
26) 2,2-Dichloropropane	4.59	77	167695	38.25	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	174144	54.17	ug/l	91
28) Bromochloromethane	5.03	49	130844	50.70	ug/l	92
29) Tetrahydrofuran	5.17	42	374703	257.68	ug/l	96
30) Chloroform	5.22	83	282205	51.01	ug/l	98
31) Cyclohexane	5.58	56	228068	49.29	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	247364	50.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199105	49.19	ug/l	99
37) Ethyl Acetate	4.87	43	208293	47.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	220815	49.71	ug/l	100

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 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	220584	46.79	ug/l	96
40) Benzene	6.15	78	591465	50.29	ug/l	100
41) Methacrylonitrile	5.07	41	130016	51.81	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228497	48.10	ug/l	99
43) Isopropyl Acetate	6.47	43	348580	47.69	ug/l	98
44) Trichloroethene	7.21	130	173157	49.39	ug/l	99
45) 1,2-Dichloropropane	7.52	63	155364	49.80	ug/l	99
46) Dibromomethane	7.67	93	107742	49.77	ug/l	96
47) Bromodichloromethane	7.90	83	206162	51.51	ug/l	99
48) Methyl methacrylate	7.78	41	190380	50.55	ug/l	95
49) 1,4-Dioxane	7.76	88	69006	941.81	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1183592	258.83	ug/l	98
52) Toluene	8.79	92	381830	50.68	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	225987	49.86	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	213717	49.00	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159675	51.58	ug/l	98
56) Ethyl methacrylate	9.18	69	240428	53.14	ug/l	94
57) 1,3-Dichloropropane	9.38	76	257817	50.71	ug/l	100
59) 2-Hexanone	9.50	43	894657	257.43	ug/l	96
60) Dibromochloromethane	9.59	129	171513	52.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168171	51.79	ug/l	99
64) Tetrachloroethene	9.34	164	166261	42.61	ug/l	99
65) Chlorobenzene	10.14	112	442425	49.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	167314	51.68	ug/l	99
67) Ethyl Benzene	10.26	91	754053	51.22	ug/l	100
68) m/p-Xylenes	10.36	106	577670	101.81	ug/l	98
69) o-Xylene	10.70	106	282494	51.13	ug/l	98
70) Styrene	10.71	104	470459	52.41	ug/l	99
71) Bromoform	10.86	173	136046	46.78	ug/l	99
73) Isopropylbenzene	11.02	105	765981	52.15	ug/l	100
74) N-amyl acetate	6.47	43	348580	48.51	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	245893	54.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231114m	58.44	ug/l	
77) Bromobenzene	11.26	156	217696	52.05	ug/l	95
78) n-propylbenzene	11.37	91	851891	50.96	ug/l	99
79) 2-Chlorotoluene	11.43	91	510644	50.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	630652	50.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56520	42.04	ug/l	99
82) 4-Chlorotoluene	11.51	91	602911	50.32	ug/l	99
83) tert-Butylbenzene	11.77	119	645476	52.95	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	654978	51.10	ug/l	98
85) sec-Butylbenzene	11.95	105	739223	49.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	667963	50.24	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	383740	50.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387483	49.29	ug/l	99
89) n-Butylbenzene	12.39	91	547454	47.30	ug/l	99
90) Hexachloroethane	12.60	117	98151	49.63	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	389174	50.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54079	53.17	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	280684	50.02	ug/l	100

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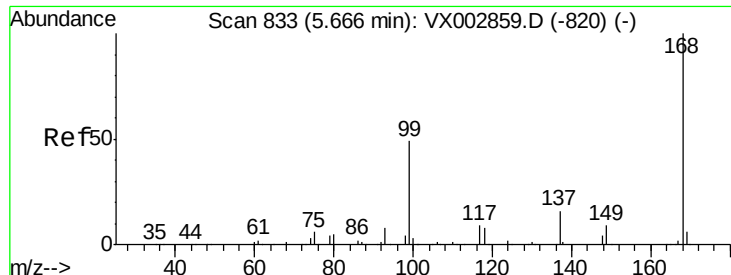
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	129648	46.33	ug/l	99
95) Naphthalene	13.84	128	823774	55.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287005	51.21	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

S73-0217MSD

Tot Ion:168 Resp: 266924

Ion Ratio Lower Upper

168 100

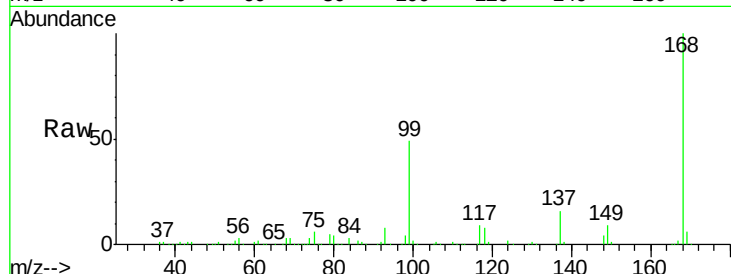
99 49.2 39.3 58.9

Manual Integrations

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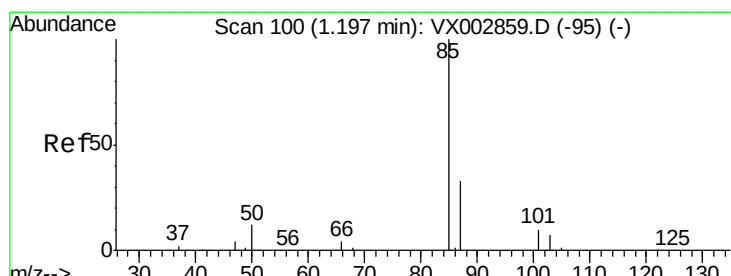
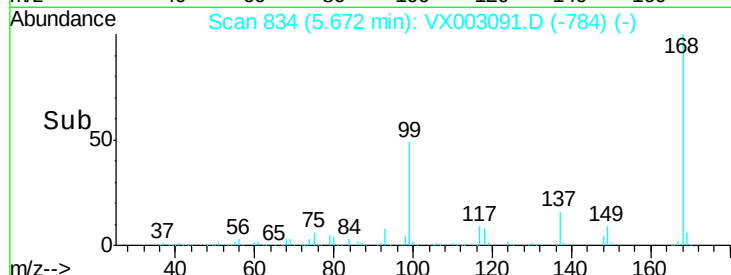
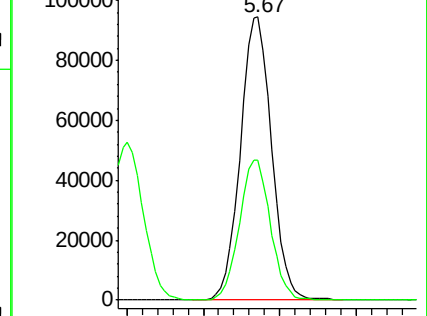
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003091.D

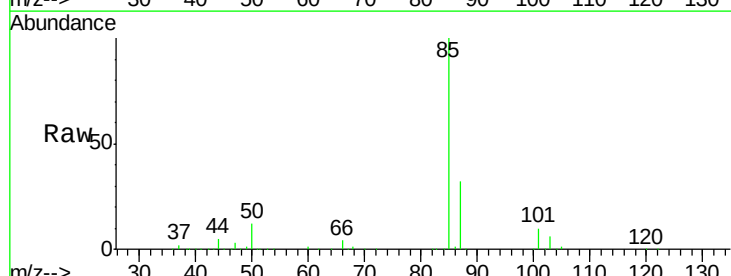
Acq: 30 Jun 2018 20:42

Tgt Ion: 85 Resp: 141574

Ion Ratio Lower Upper

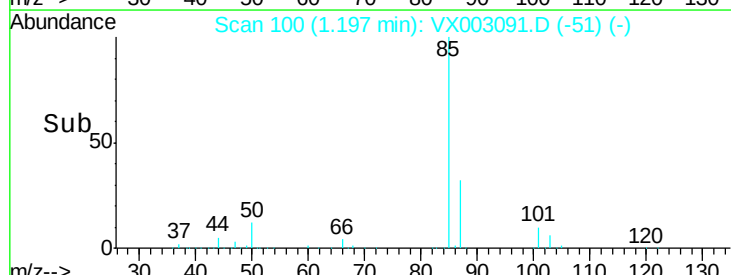
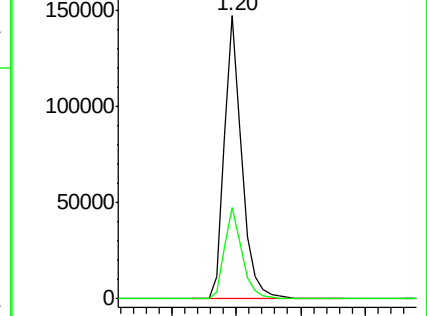
85 100

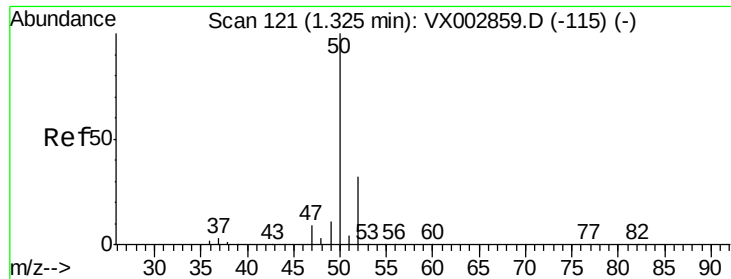
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

S73-0217MSD

Tot Ion: 50 Resp: 140467

Ion Ratio Lower Upper

50 100

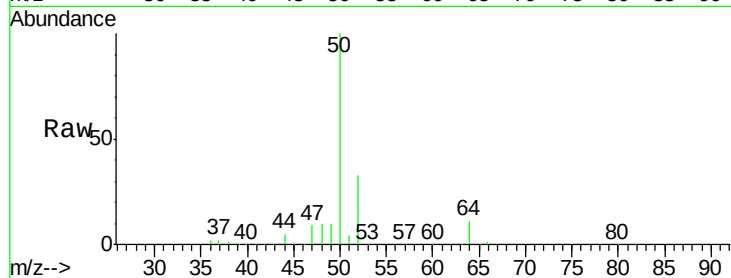
52 33.0 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

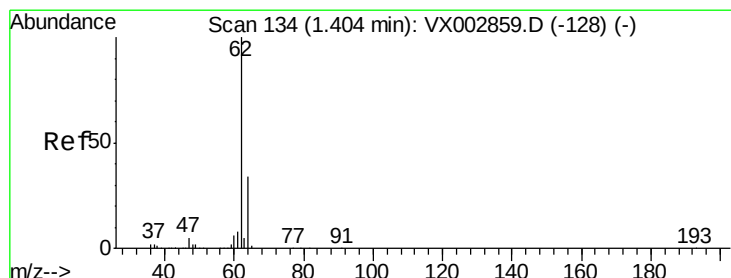
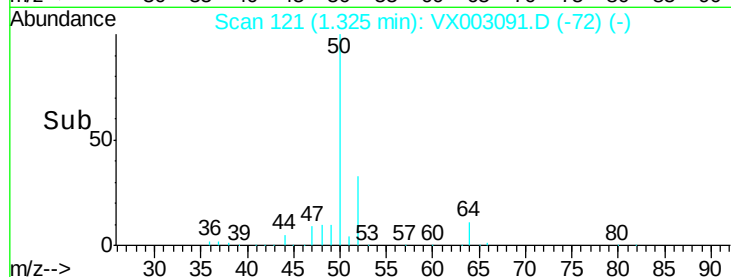
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 53.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003091.D

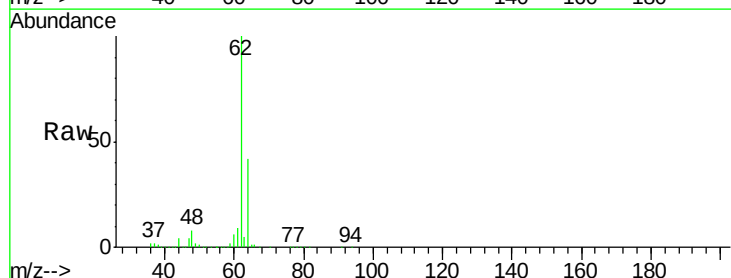
Acq: 30 Jun 2018 20:42

Tgt Ion: 62 Resp: 161242

Ion Ratio Lower Upper

62 100

64 37.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

150000

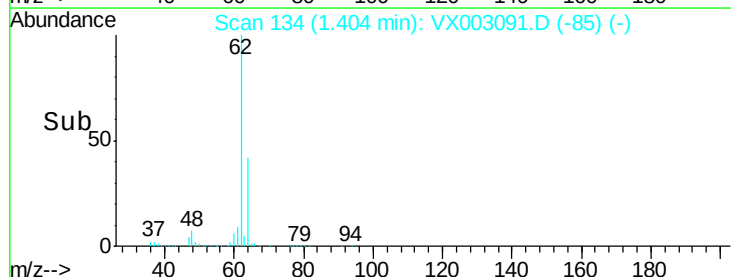
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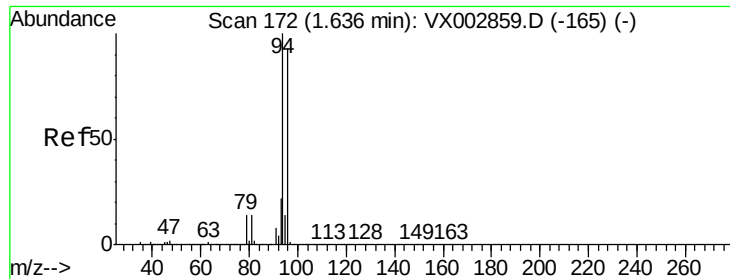
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 37.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion: 94 Resp: 54056

Ion Ratio Lower Upper

94 100

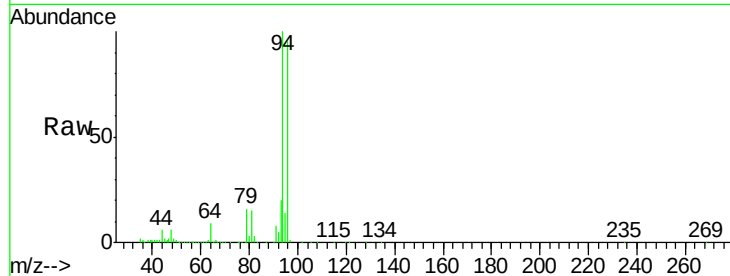
96 95.3 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

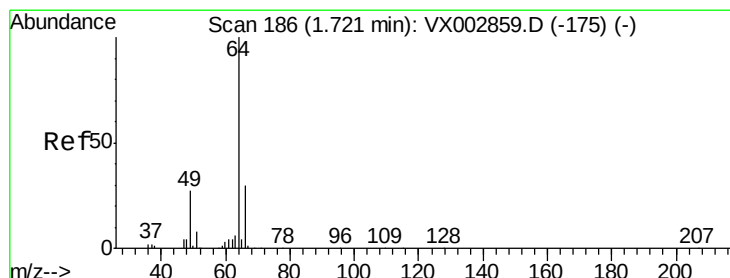
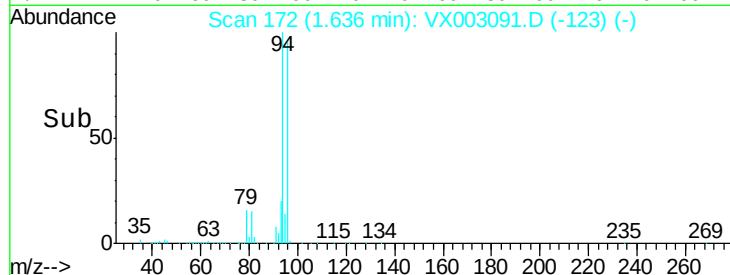
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 55.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003091.D

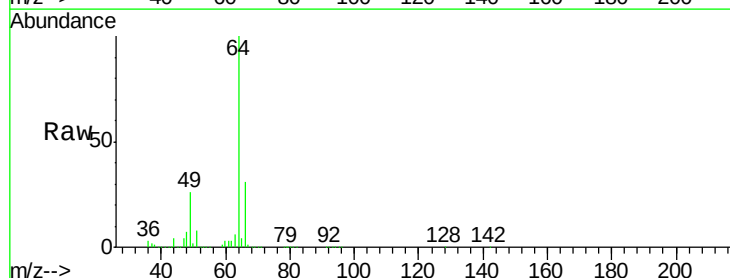
Acq: 30 Jun 2018 20:42

Tgt Ion: 64 Resp: 97590

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

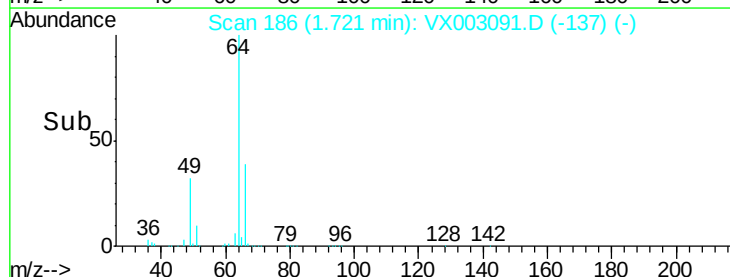
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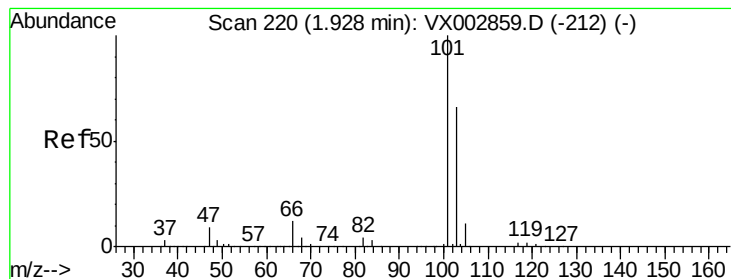
40000

20000

0

Time-->





#7

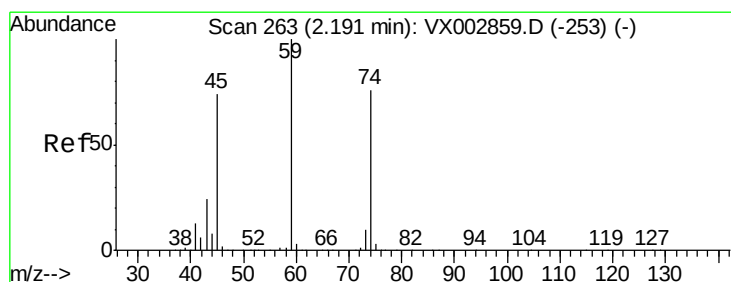
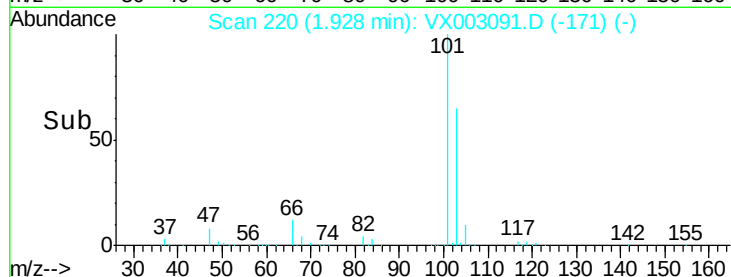
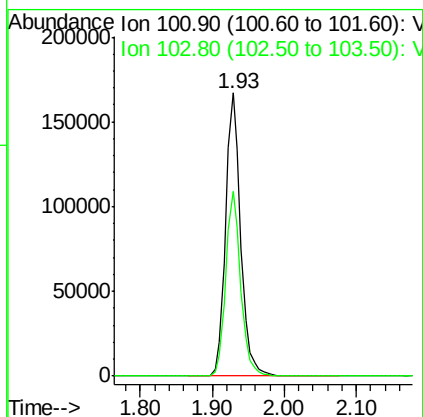
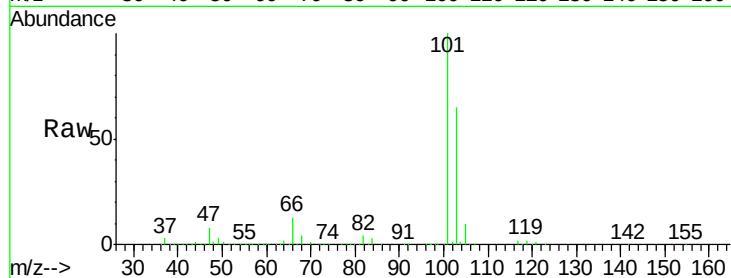
Trichlorofluoromethane
Concen: 48.03 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
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ClientSampleId :
S73-0217MSD

Tot Ion:101 Resp: 244577
Ion Ratio Lower Upper
101 100
103 65.4 52.8 79.2

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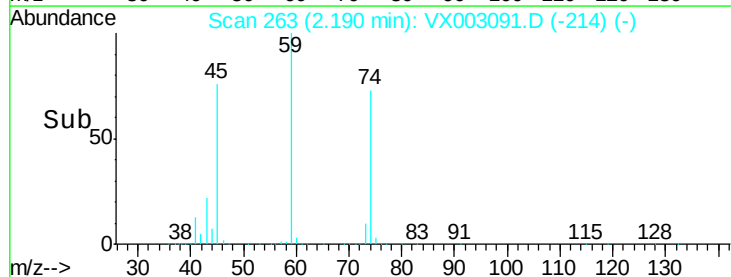
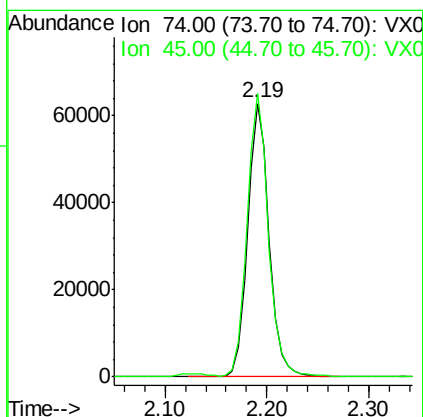
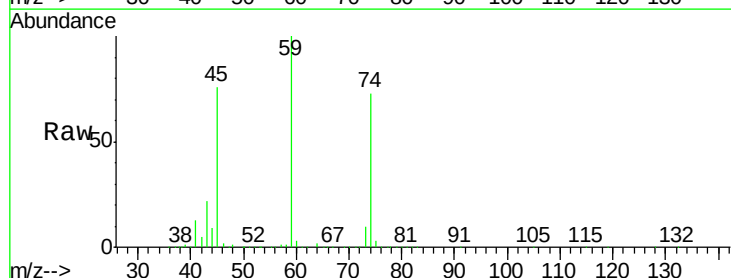
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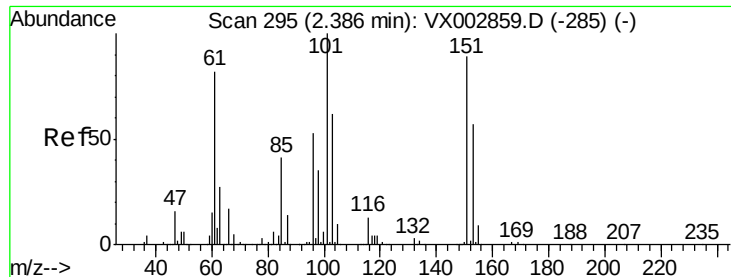


#8

Diethyl Ether
Concen: 49.27 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion: 74 Resp: 91202
Ion Ratio Lower Upper
74 100
45 102.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

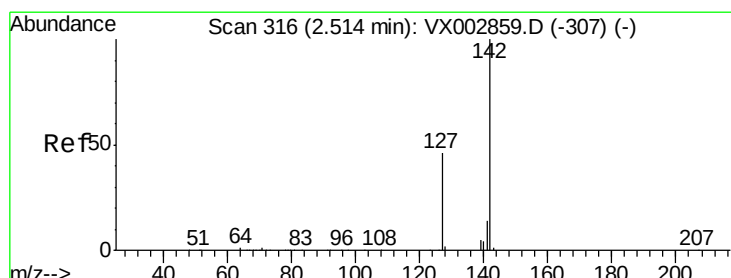
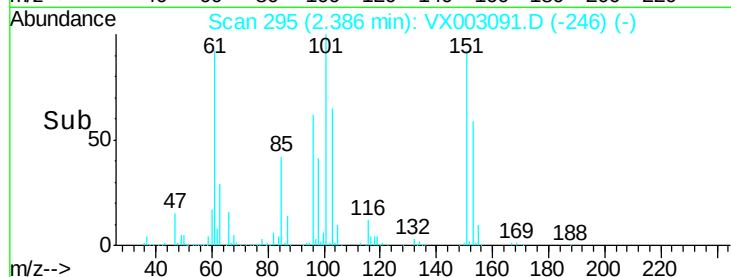
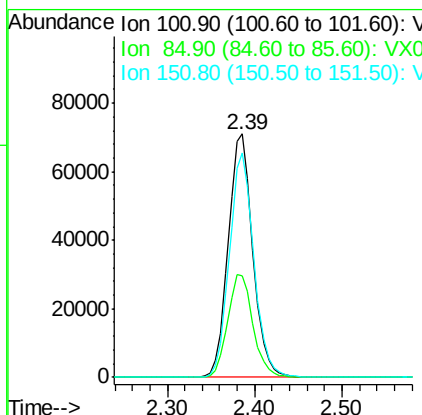
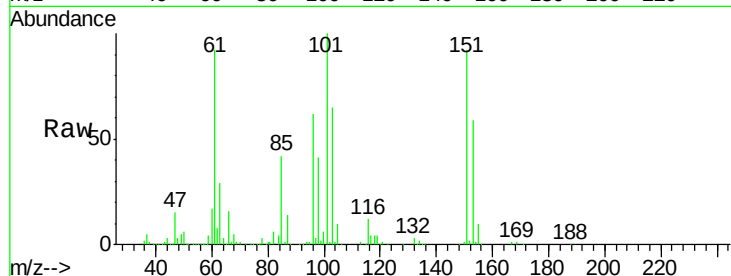
ClientSampleId :

S73-0217MSD

Tot Ion:	101	Resp:	138808
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	92.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.28 ug/l

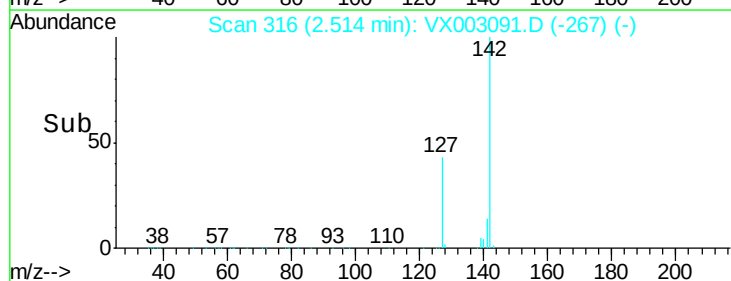
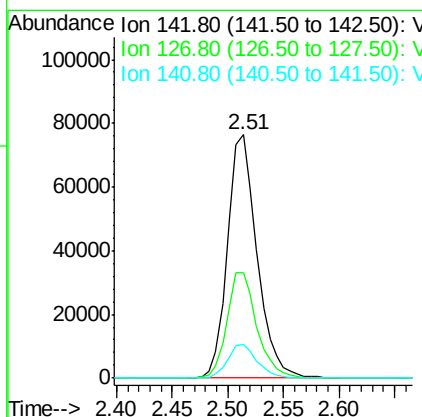
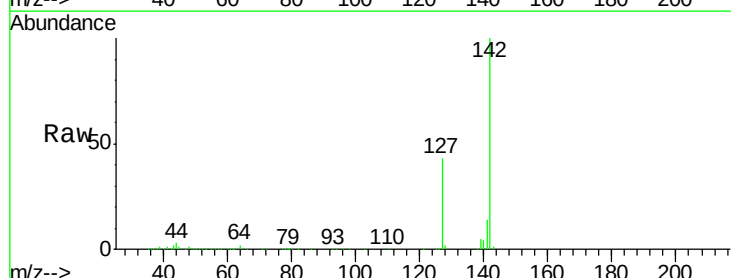
RT: 2.51 min Scan# 316

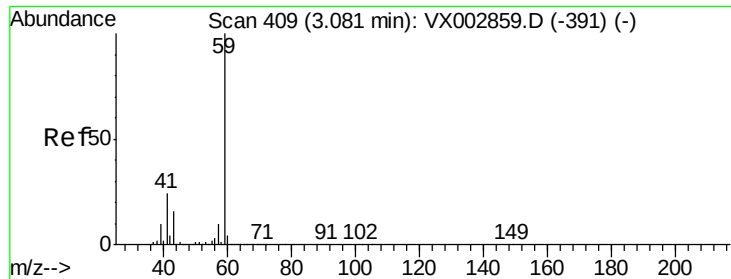
Delta R.T. 0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	142	Resp:	140297
Ion Ratio	Lower	Upper	
142	100		
127	43.9	36.6	55.0
141	14.1	11.3	16.9





#11

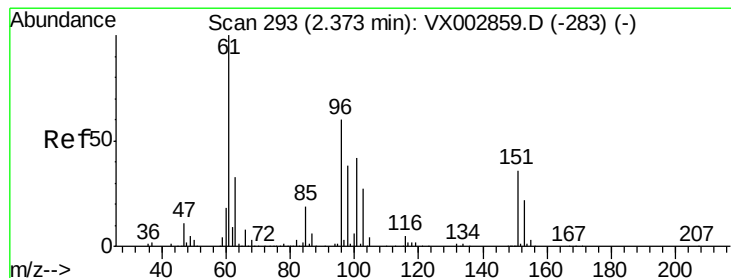
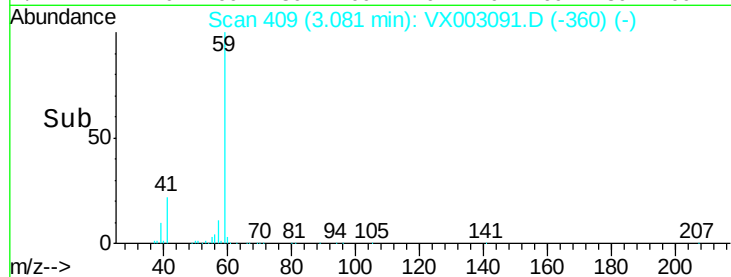
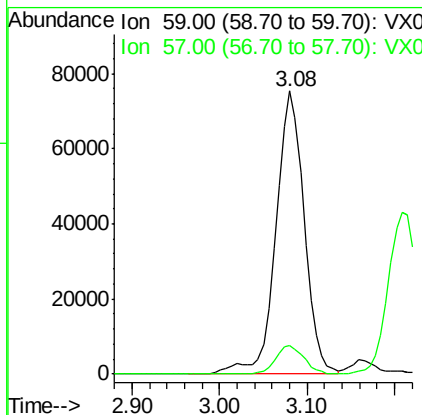
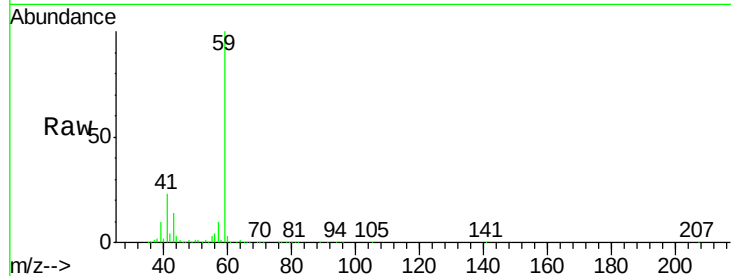
Tert butyl alcohol
 Concen: 231.72 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

Manual Integrations
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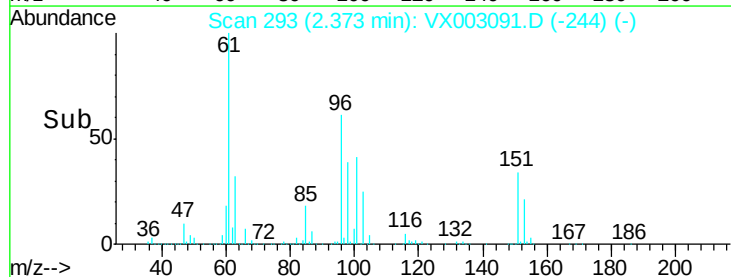
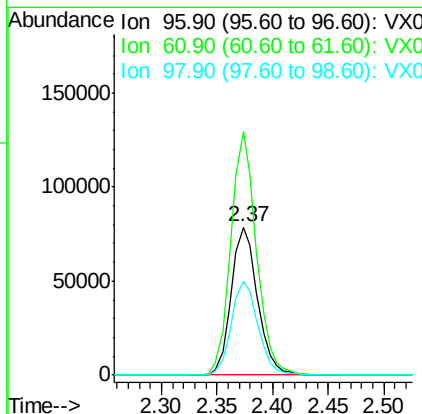
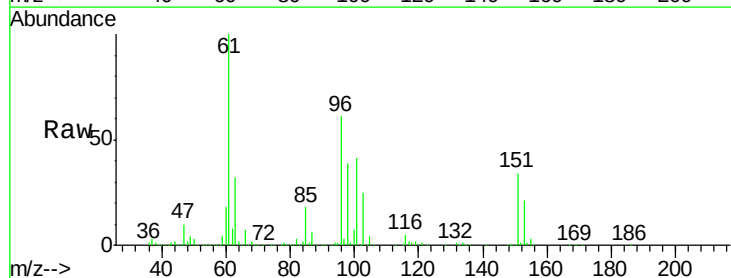
apatel
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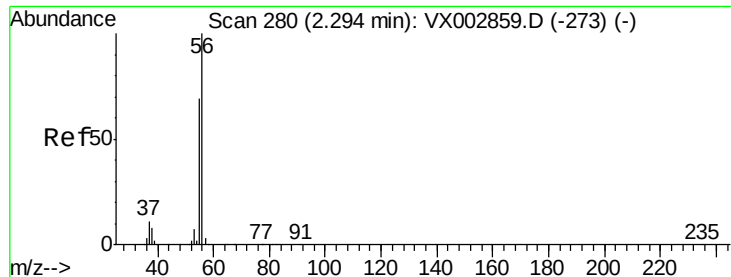


#12

1,1-Dichloroethene
 Concen: 48.85 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.3	137.9	206.9
98	63.3	51.6	77.4





#13

Acrolein

Concen: 135.17 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion: 56 Resp: 54270

Ion Ratio Lower Upper

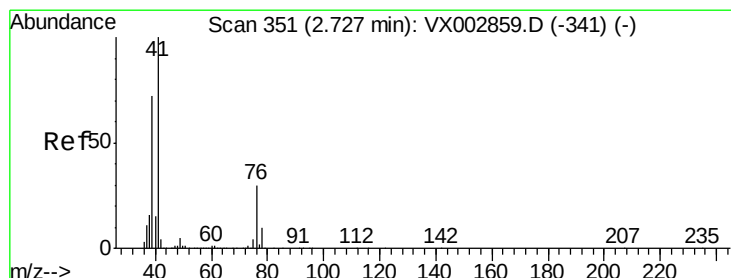
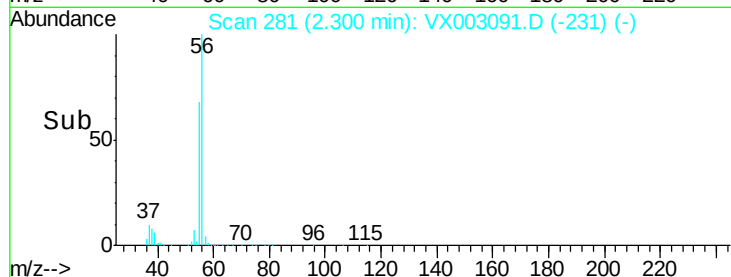
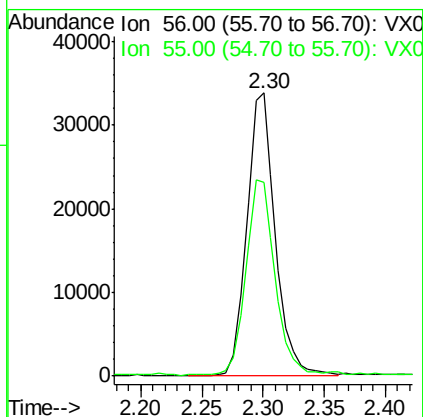
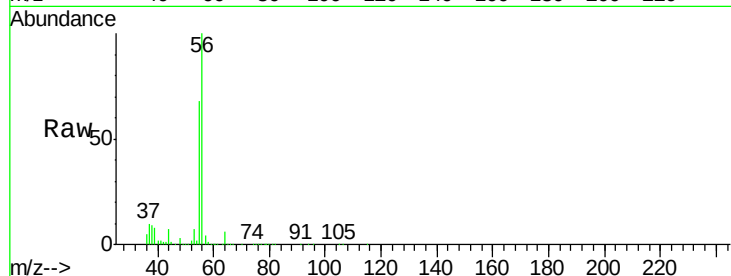
56 100

55 71.1 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 47.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

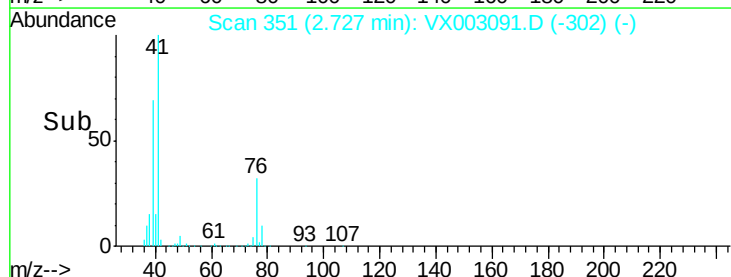
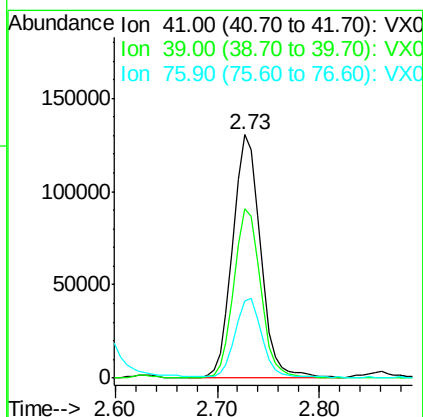
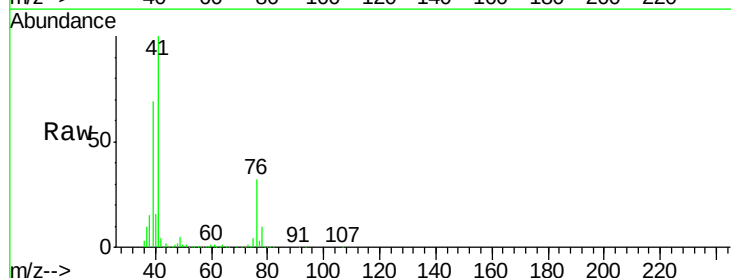
Tgt Ion: 41 Resp: 246818

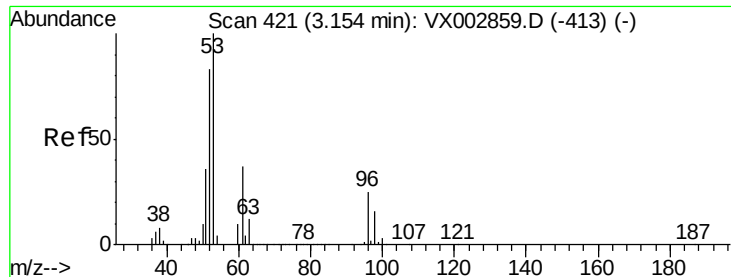
Ion Ratio Lower Upper

41 100

39 66.5 56.8 85.2

76 31.3 23.8 35.8





#15

Acrylonitrile

Concen: 254.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

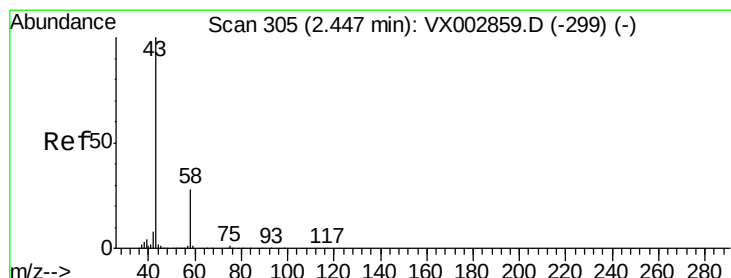
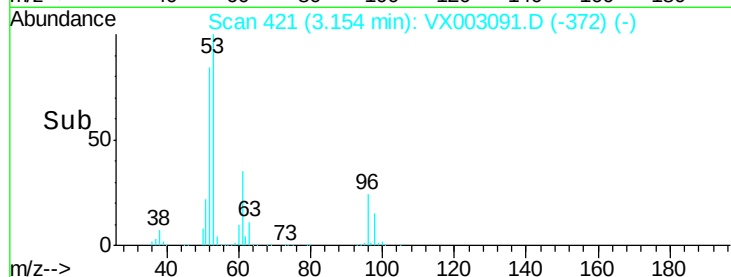
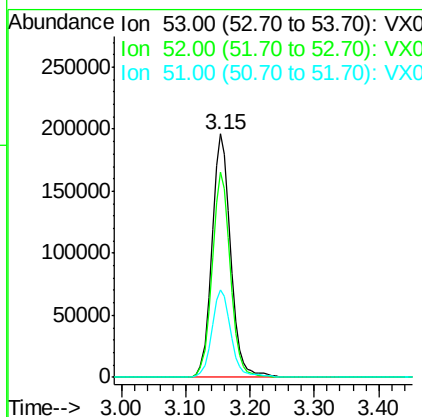
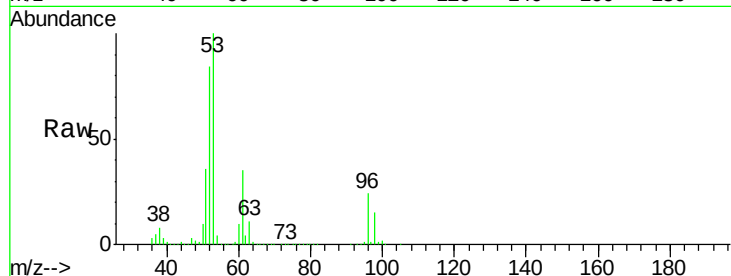
ClientSampled :

S73-0217MSD

Tot Ion:	53	Resp:	398840
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	36.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 234.77 ug/l

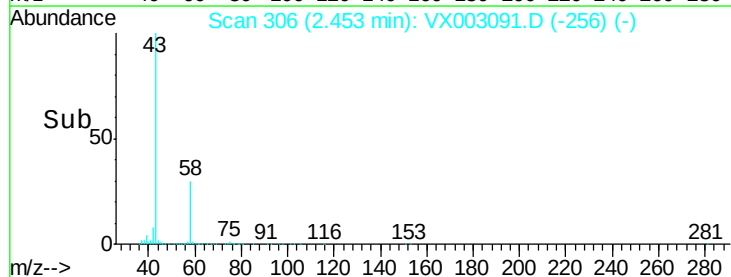
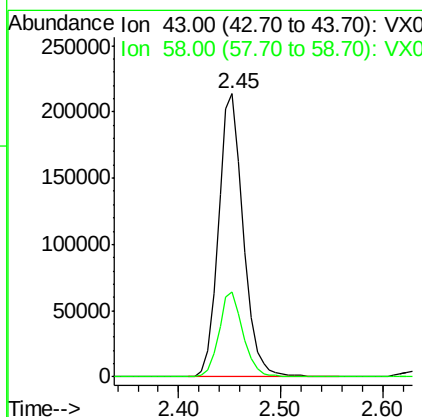
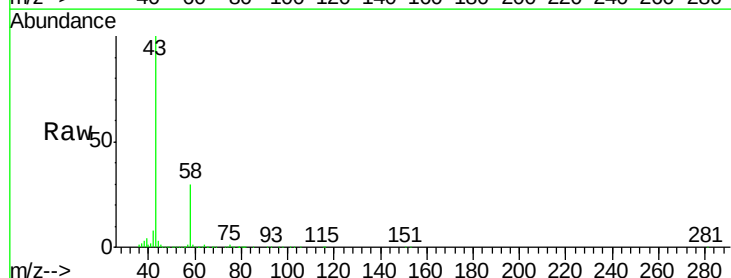
RT: 2.45 min Scan# 306

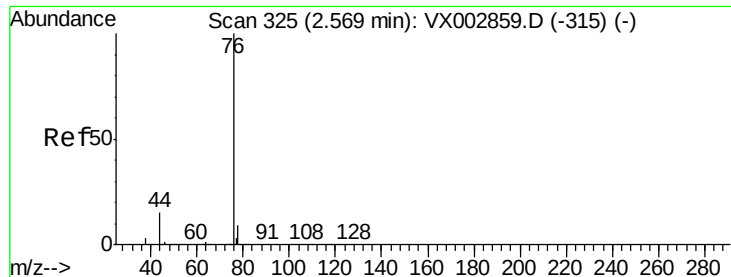
Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	43	Resp:	358702
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.1	33.1





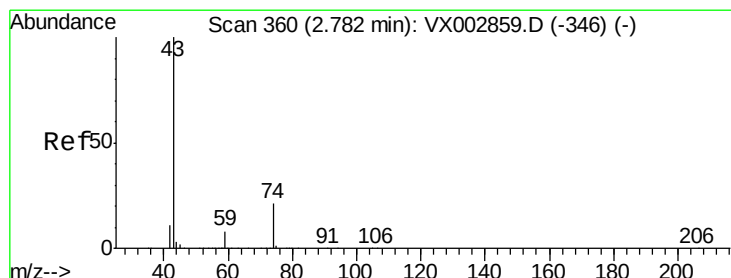
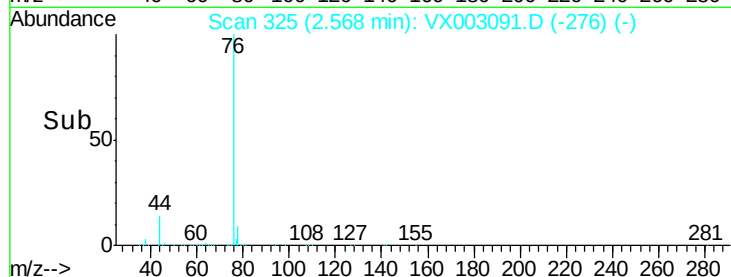
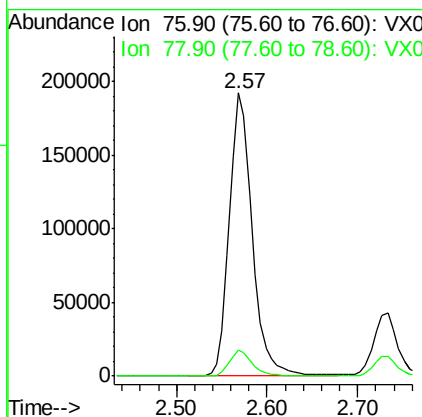
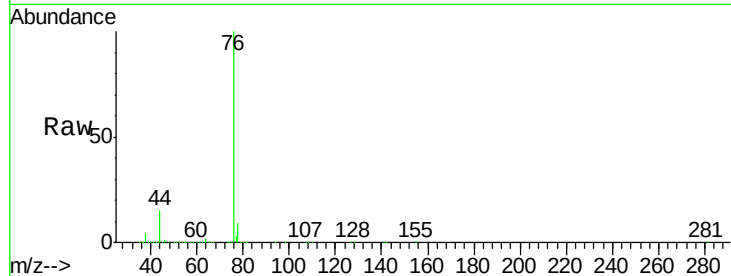
#17
Carbon Disulfide
Concen: 48.42 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

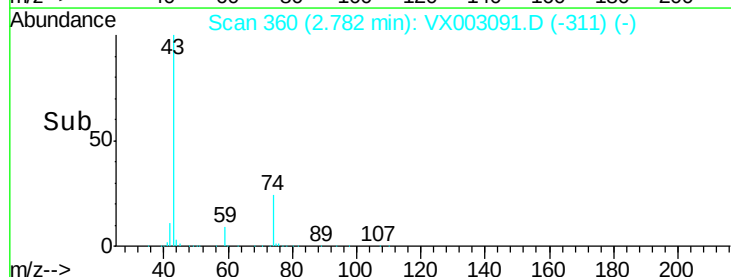
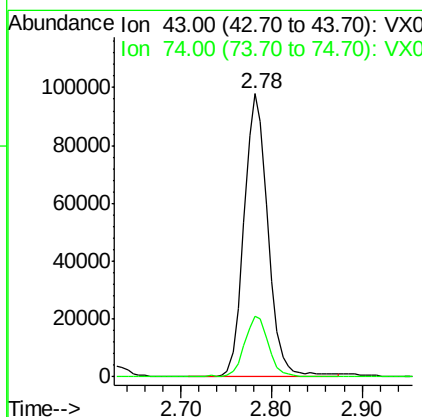
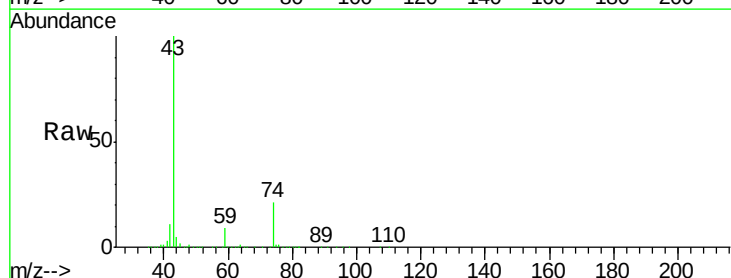
Manual Integrations
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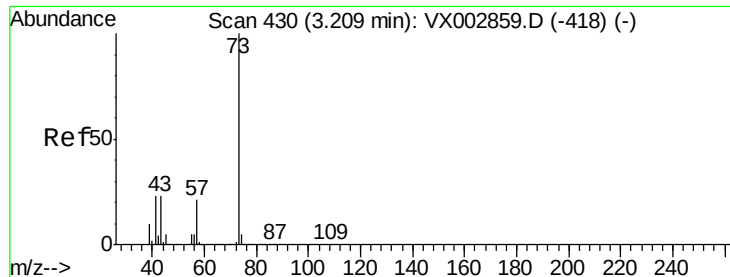
apatel
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#18
Methyl Acetate
Concen: 41.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





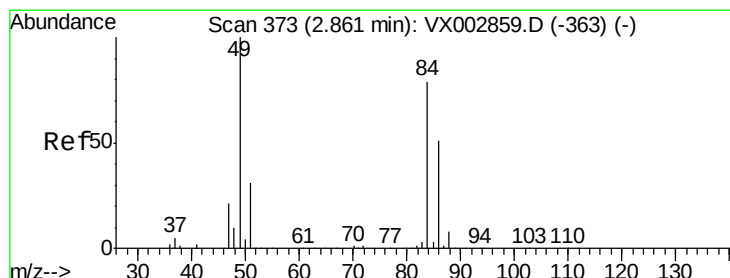
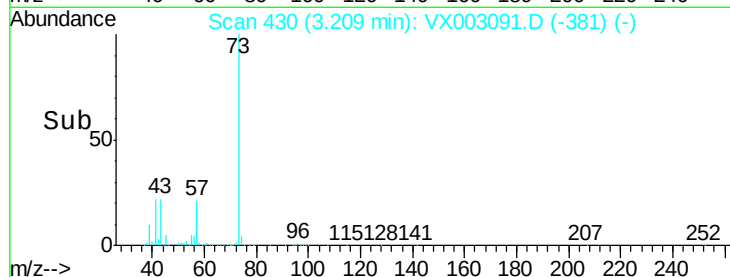
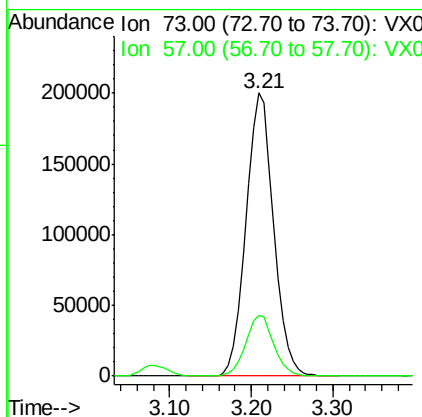
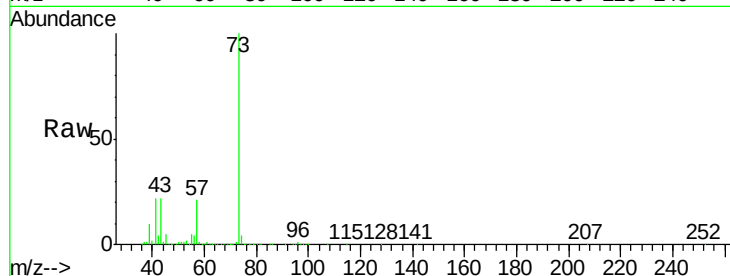
#19
Methyl tert-butyl Ether
Concen: 49.86 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion: 73 Resp: 471835
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

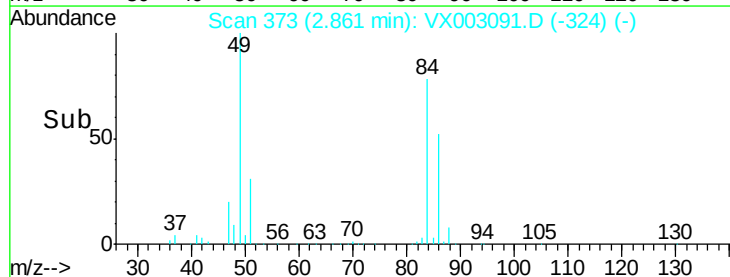
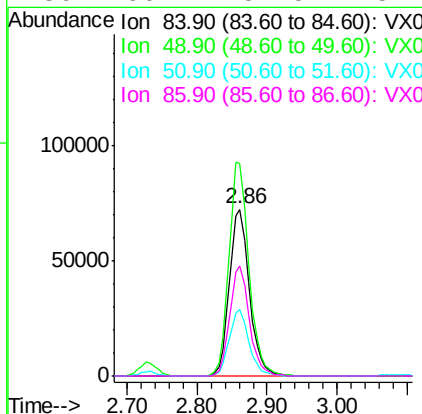
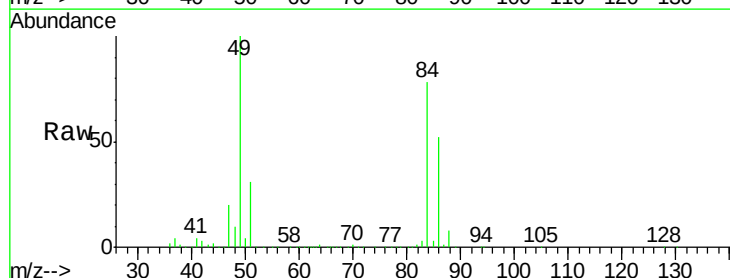
Manual Integrations
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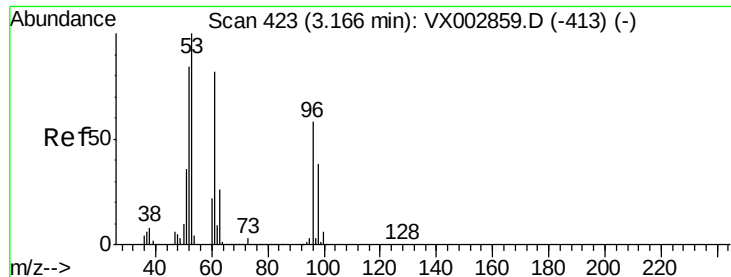
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#20
Methylene Chloride
Concen: 48.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion: 84 Resp: 143548
Ion Ratio Lower Upper
84 100
49 127.8 107.8 161.6
51 39.6 32.8 49.2
86 66.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.79 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

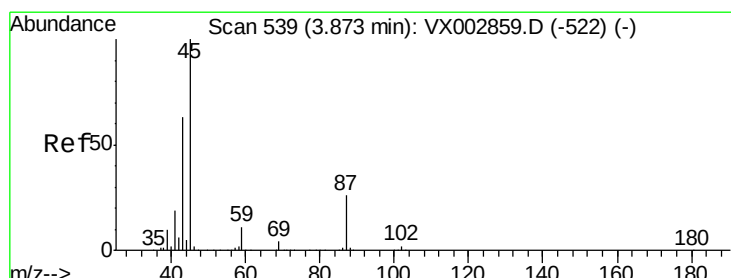
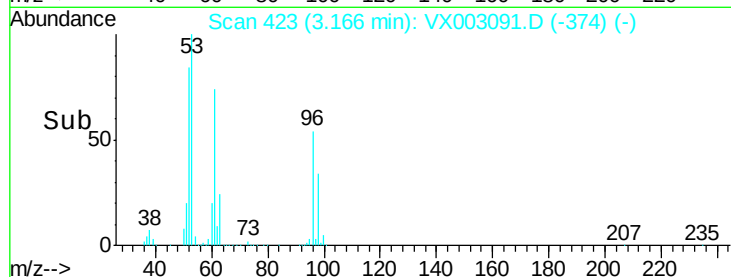
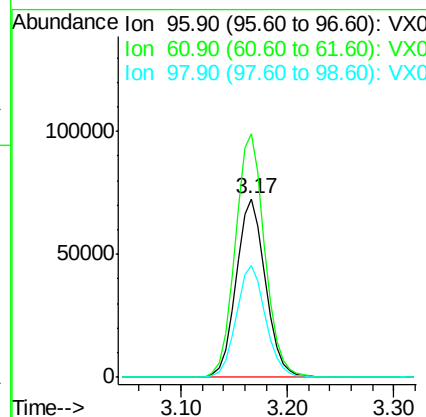
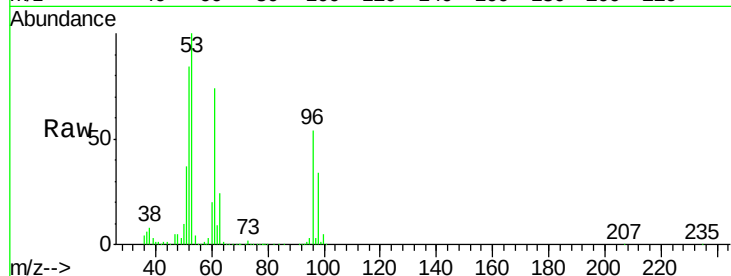
ClientSampled :

S73-0217MSD

Tot Ion:	96	Resp:	139891
Ion	Ratio	Lower	Upper
96	100		
61	136.2	117.0	175.4
98	62.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.01 ug/l

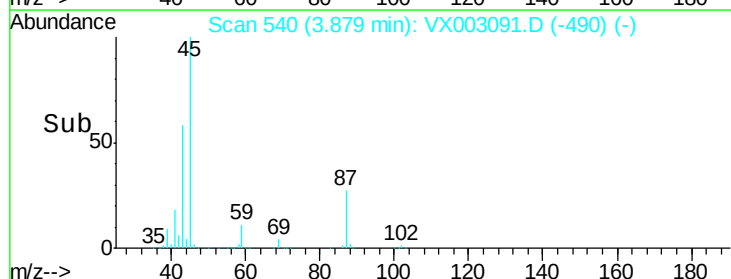
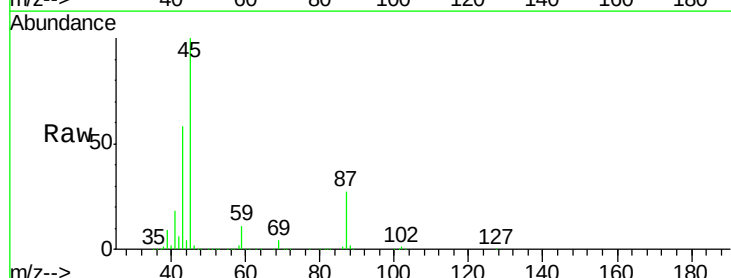
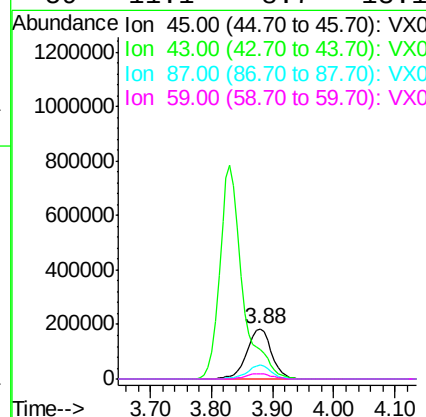
RT: 3.88 min Scan# 540

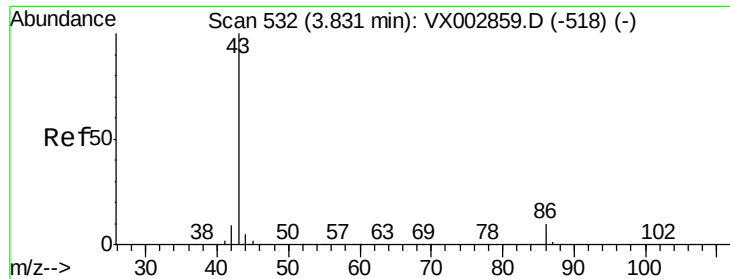
Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	45	Resp:	515868
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.8	70.2
87	27.5	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 242.16 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

S73-0217MSD

Tot Ion: 43 Resp: 2033936

Ion Ratio Lower Upper

43 100

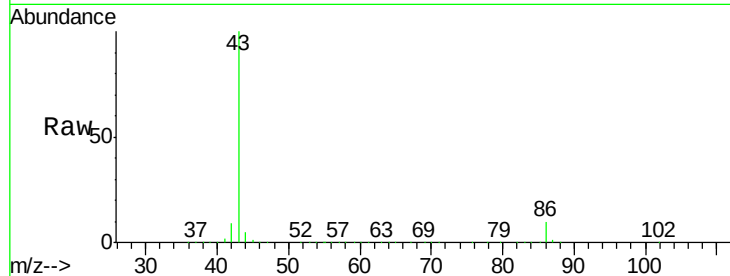
86 9.9 7.4 11.0

Manual Integrations

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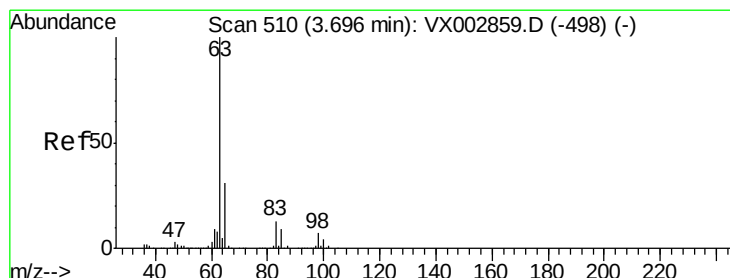
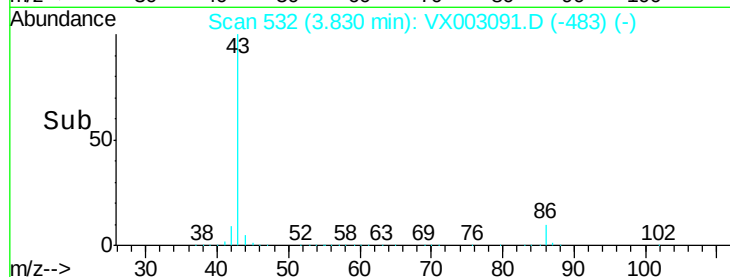
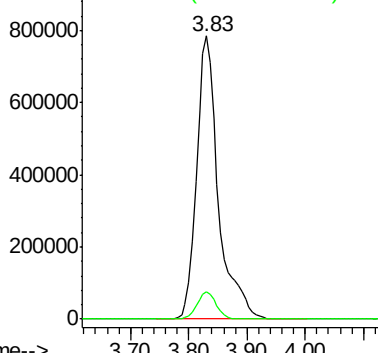
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.32 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

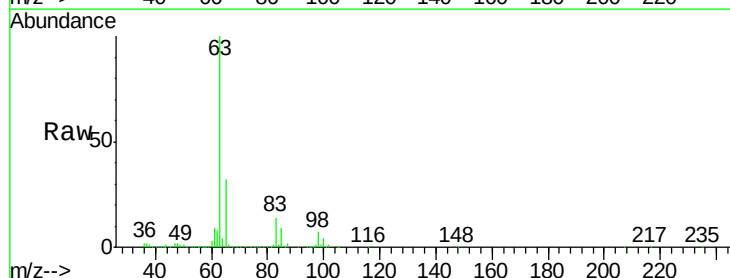
Tgt Ion: 63 Resp: 265886

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

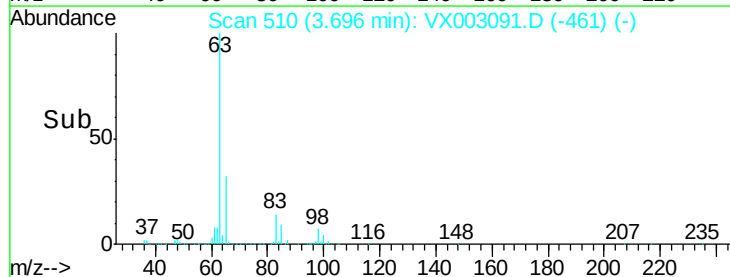
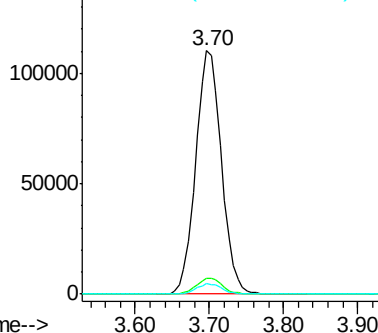
100 4.1 2.0 6.0

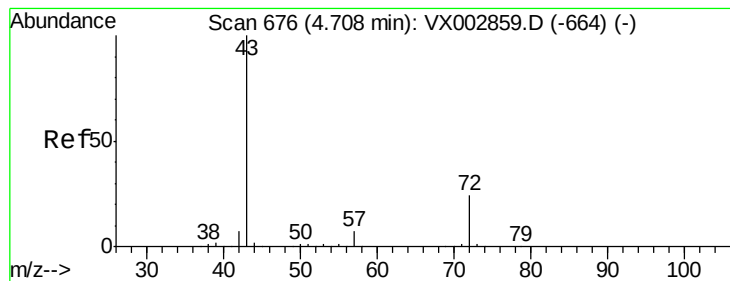


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion: 43 Resp: 590026

Ion Ratio Lower Upper

43 100

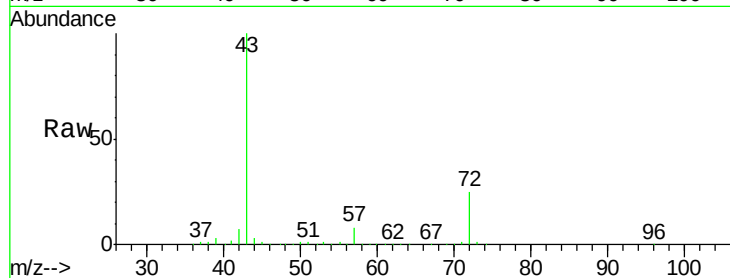
72 25.3 18.5 27.7

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

4.71

200000

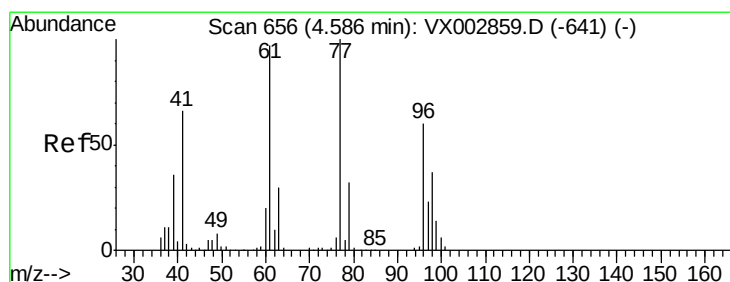
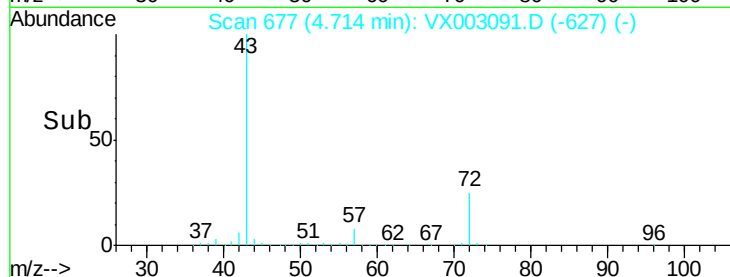
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 38.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003091.D

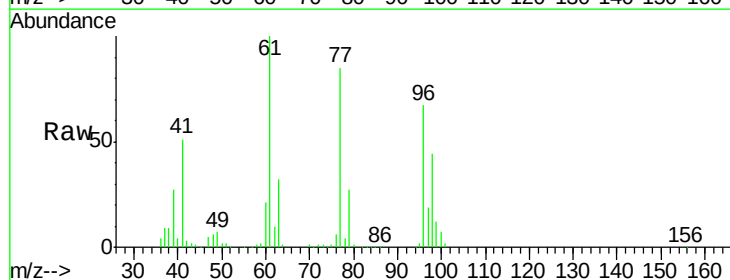
Acq: 30 Jun 2018 20:42

Tgt Ion: 77 Resp: 167695

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60000

50000

40000

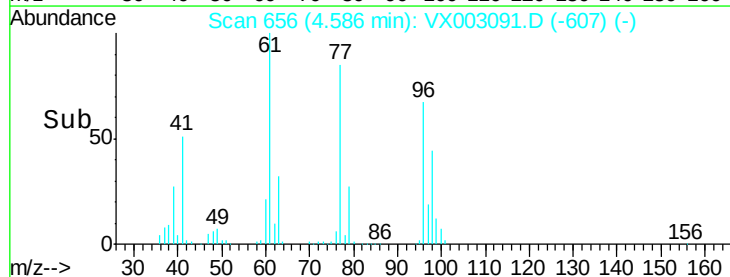
30000

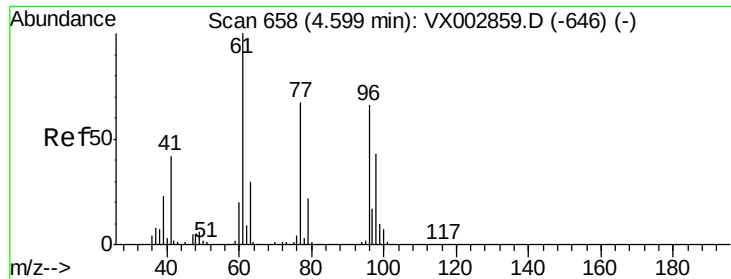
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 54.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

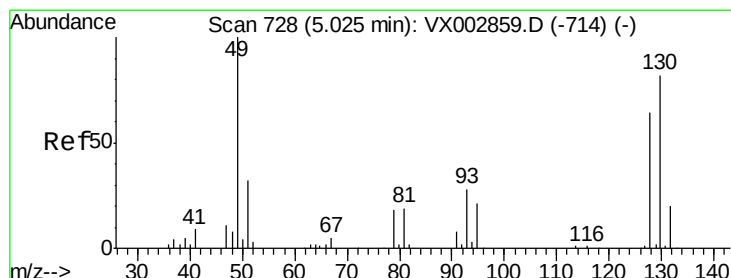
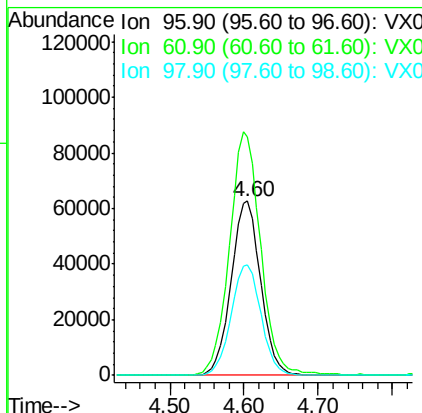
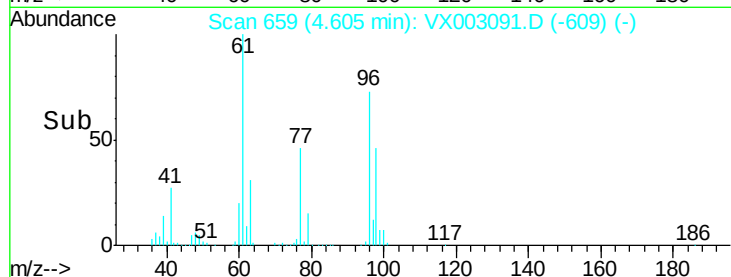
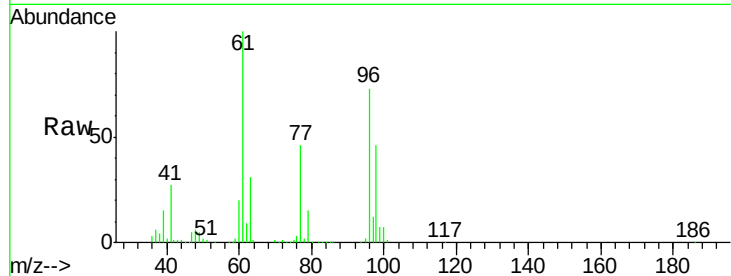
ClientSampleId :

S73-0217MSD

Tot Ion:	96	Resp:	174144
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	330.2
98	64.4	0.0	130.2

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#28

Bromochloromethane

Concen: 50.70 ug/l

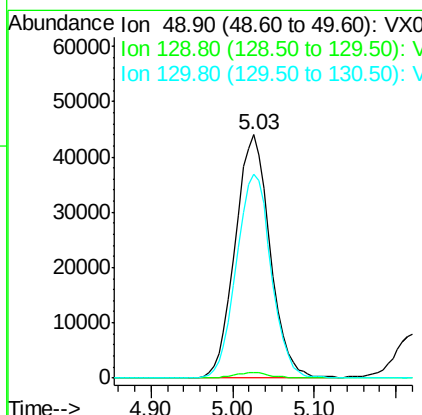
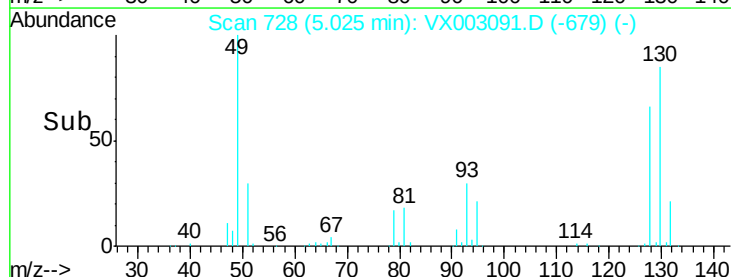
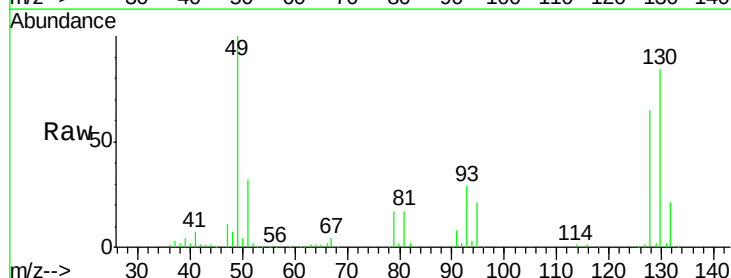
RT: 5.03 min Scan# 728

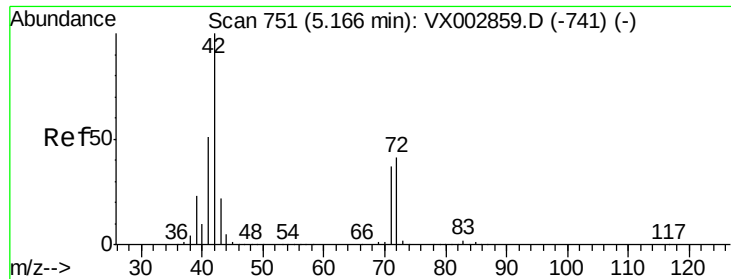
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	49	Resp:	130844
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.9	61.2	91.8





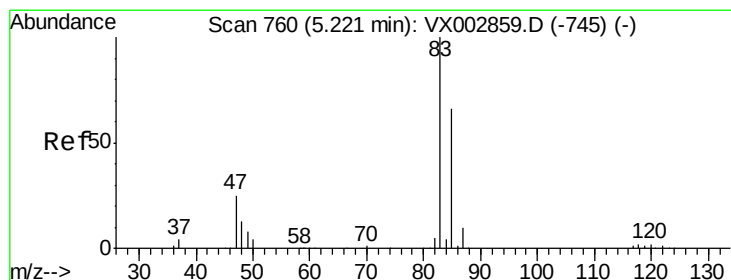
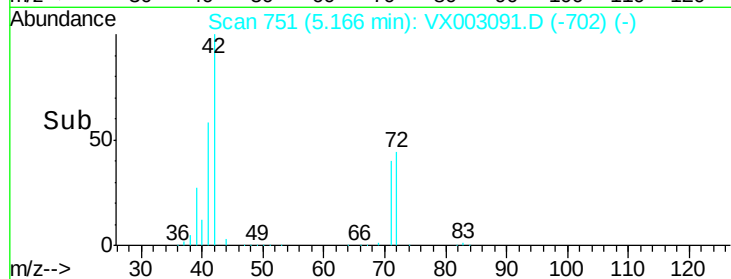
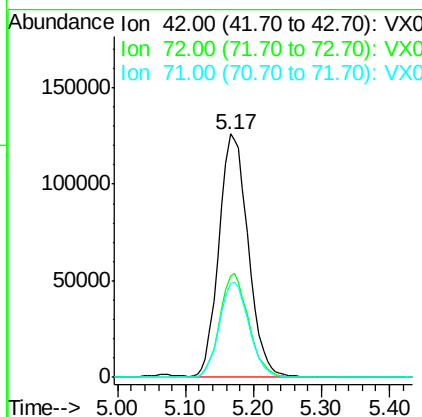
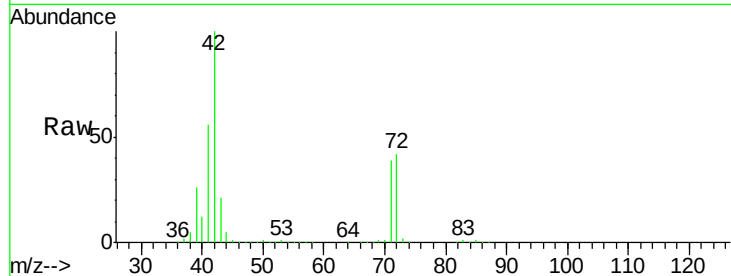
#29
Tetrahydrofuran
Concen: 257.68 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.0	48.0
71	39.6	30.1	45.1

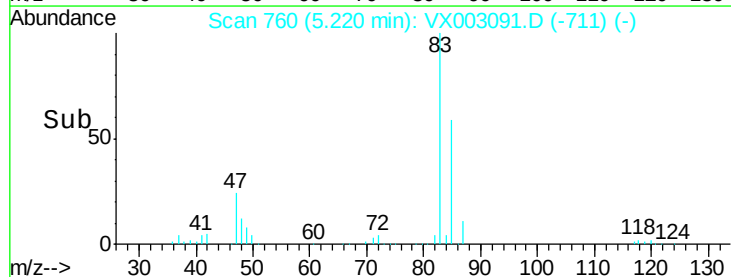
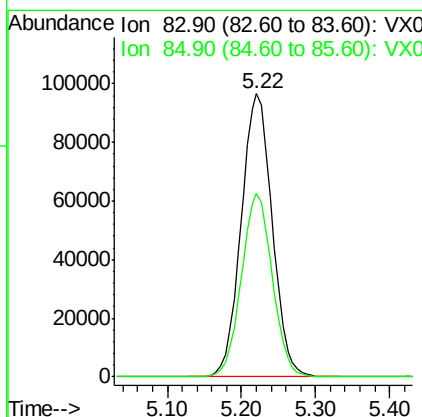
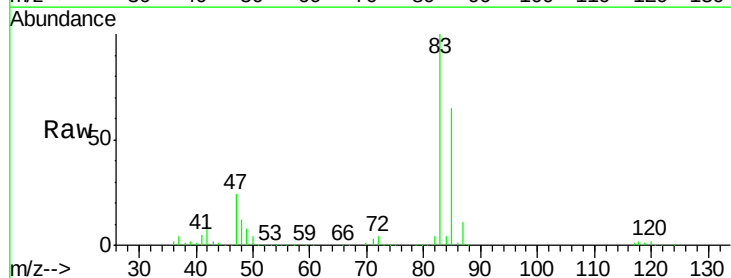
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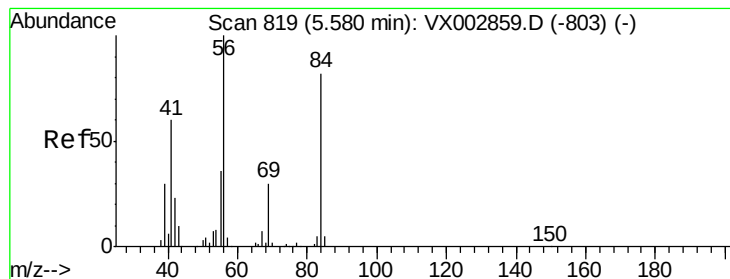
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#30
Chloroform
Concen: 51.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6





#31

Cyclohexane

Concen: 49.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

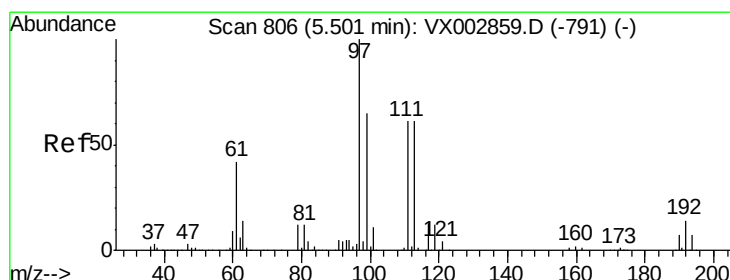
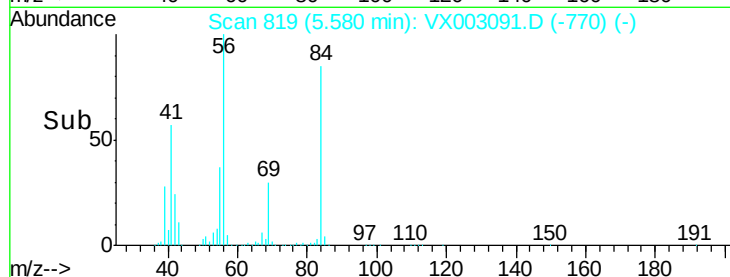
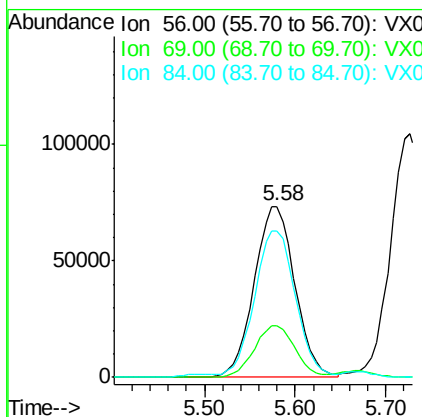
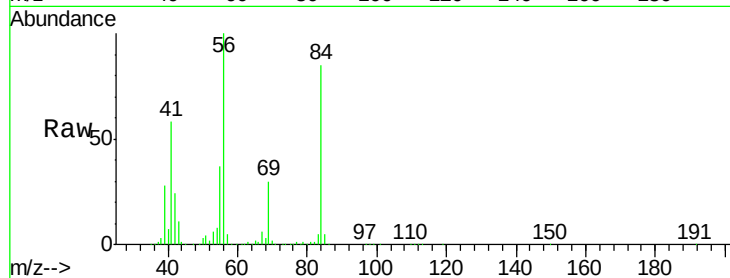
ClientSampled :

S73-0217MSD

Tot Ion:	56	Resp:	228068
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	84.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 50.81 ug/l

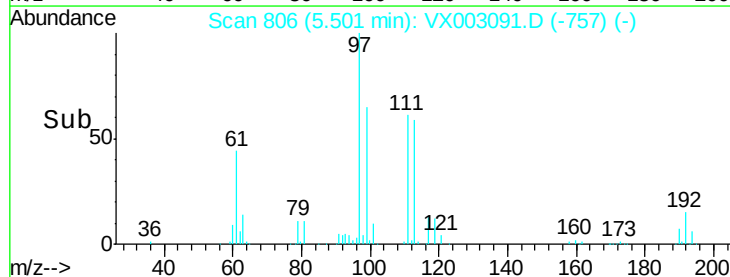
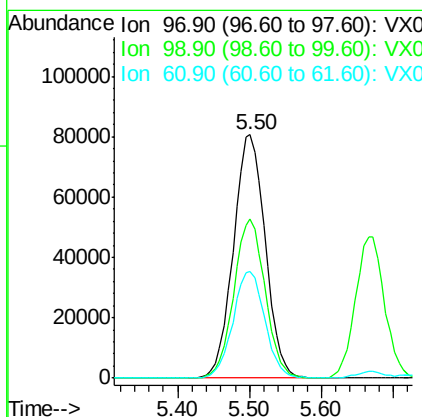
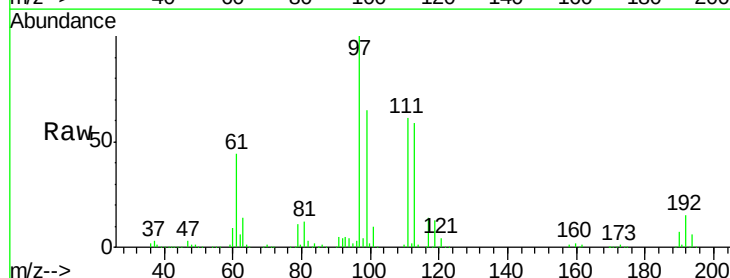
RT: 5.50 min Scan# 806

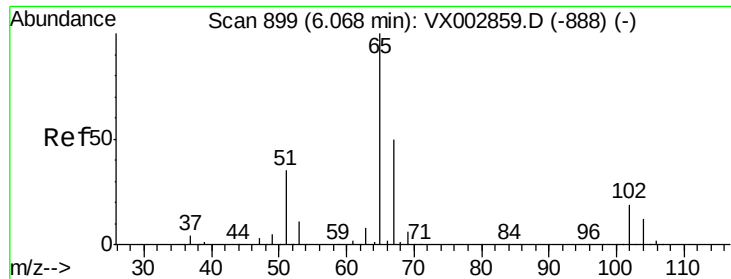
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	97	Resp:	247364
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.0	36.4	54.6





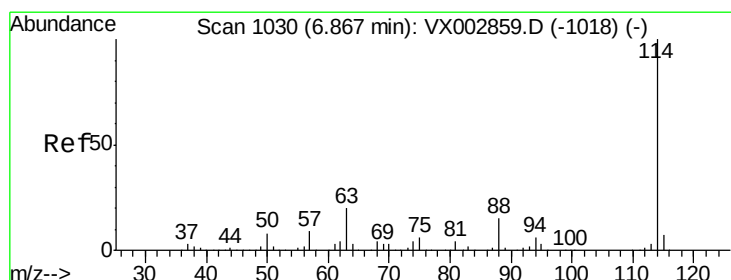
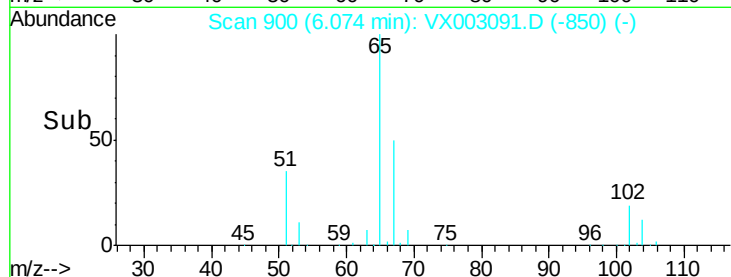
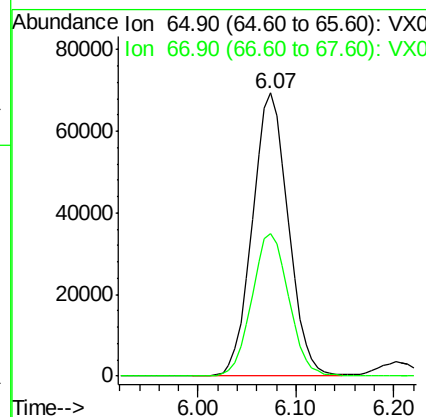
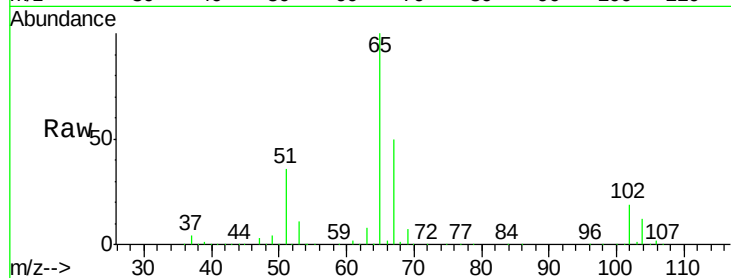
#33
 1,2-Dichloroethane-d4
 Concen: 47.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176903		
67	51.9	0.0	102.6	

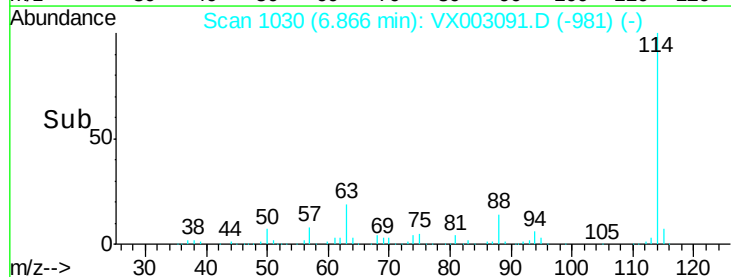
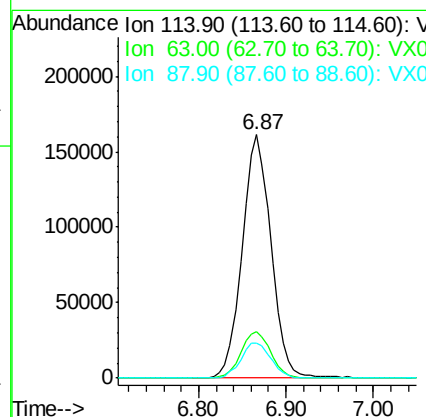
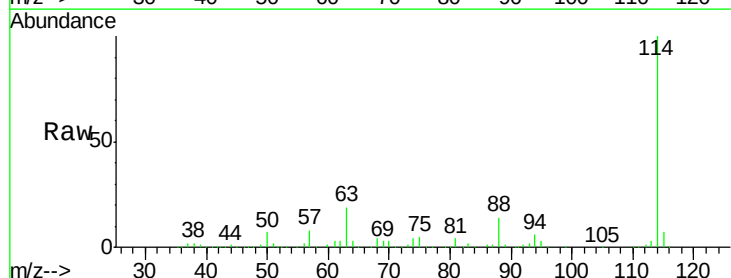
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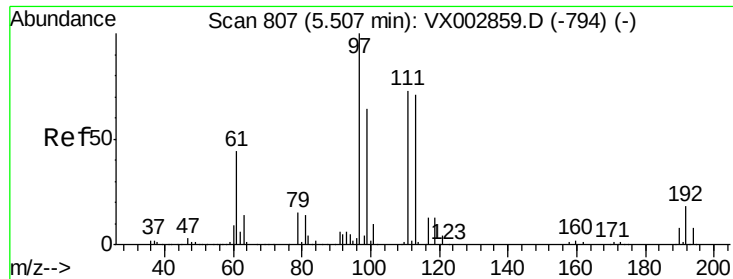
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369088		
63	19.1	0.0	41.4	
88	14.4	0.0	30.0	





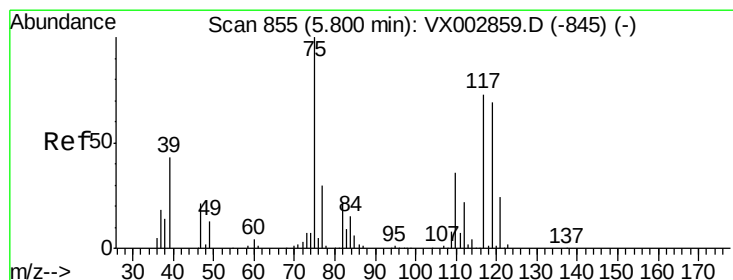
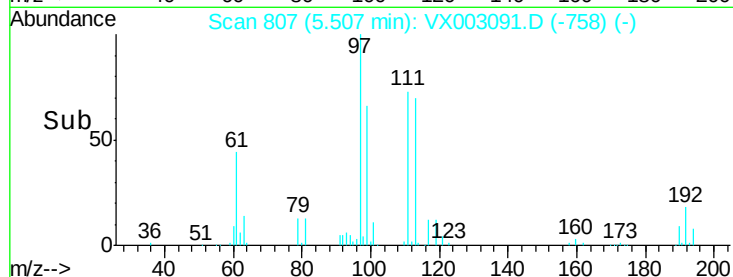
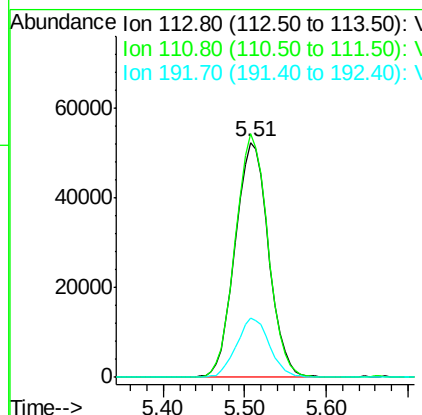
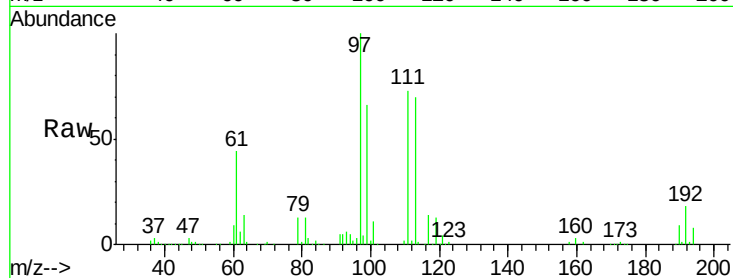
#35
Dibromofluoromethane
Concen: 50.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampled :
S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148889		
111	101.7	81.4	122.0	
192	24.8	19.1	28.7	

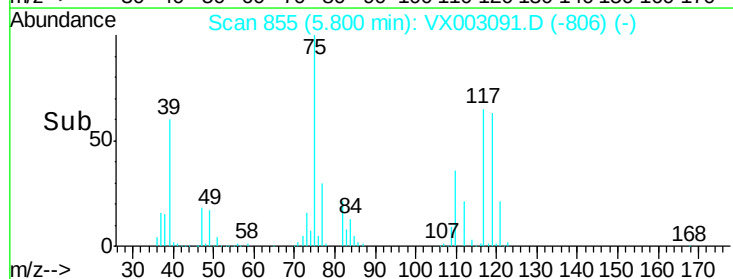
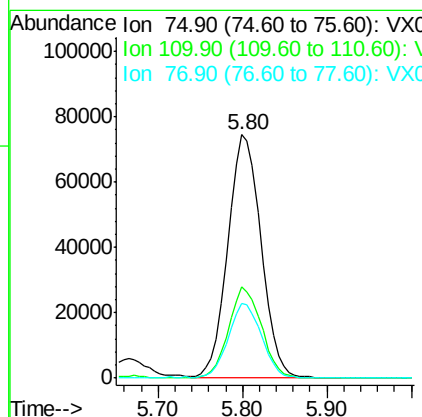
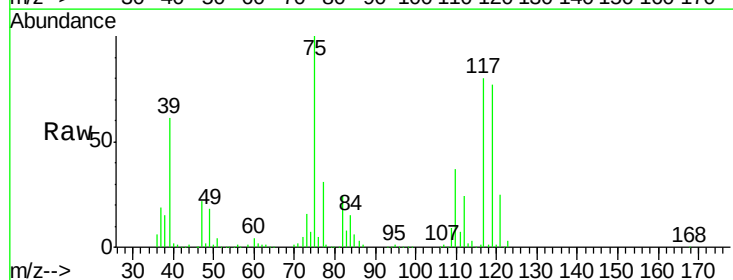
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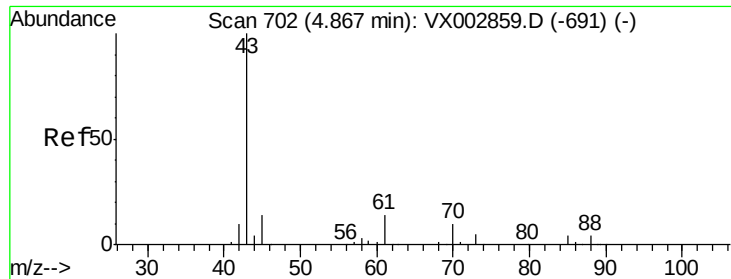
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#36
1,1-Dichloropropene
Concen: 49.19 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199105		
110	37.3	18.1	54.4	
77	30.4	24.3	36.5	





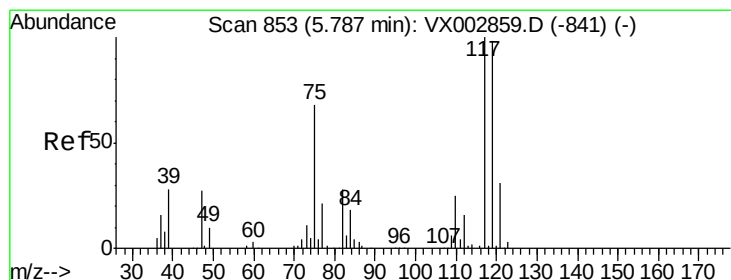
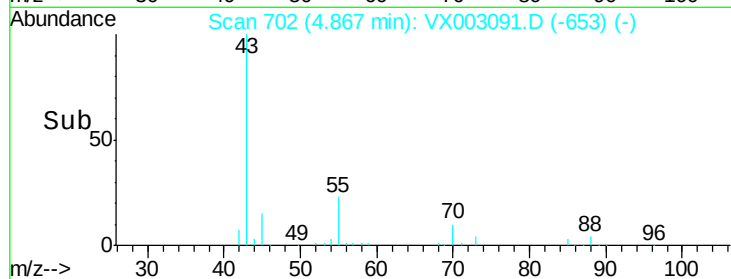
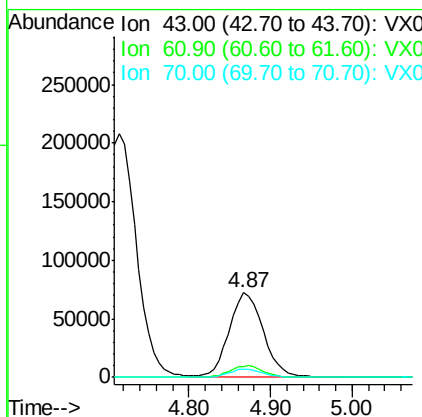
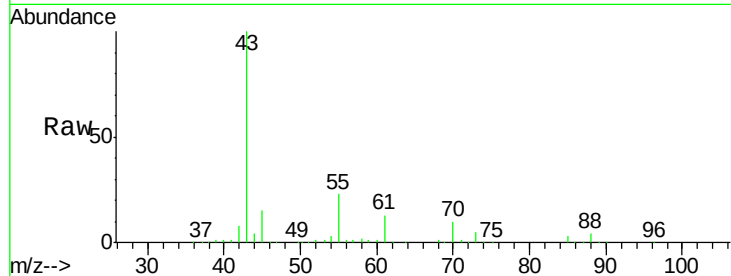
#37
Ethyl Acetate
Concen: 47.80 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampled :
S73-0217MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.9	7.6	11.4

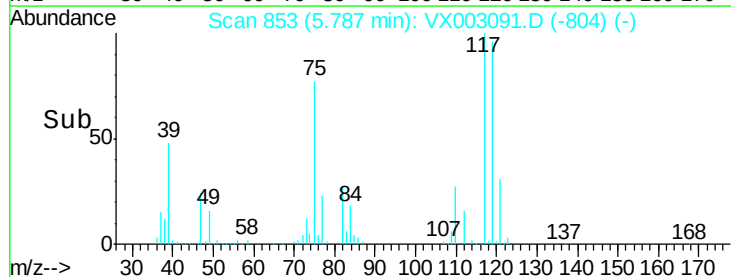
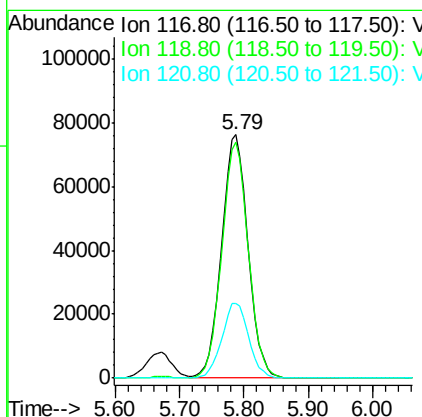
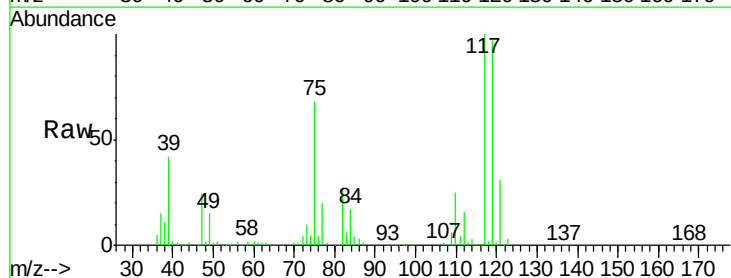
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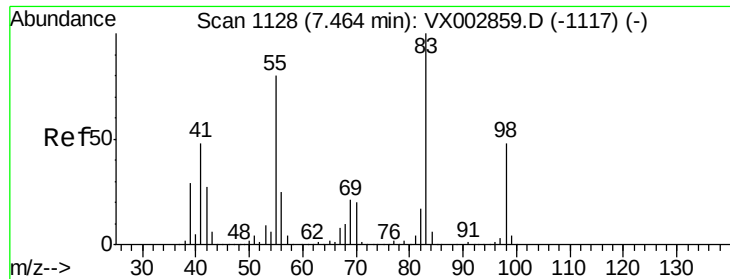
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#38
Carbon Tetrachloride
Concen: 49.71 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	30.9	24.4	36.6





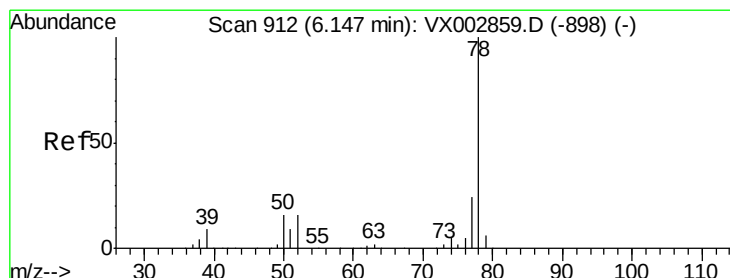
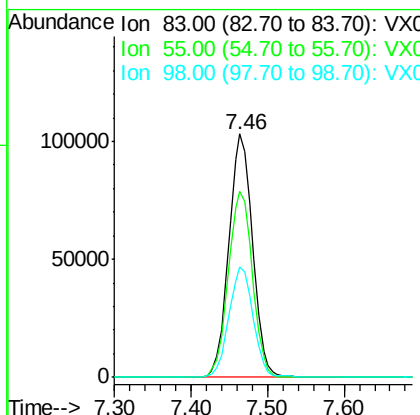
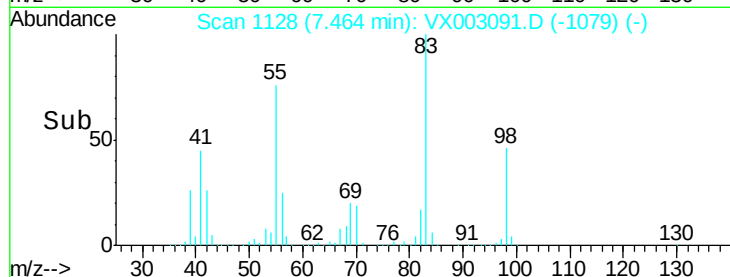
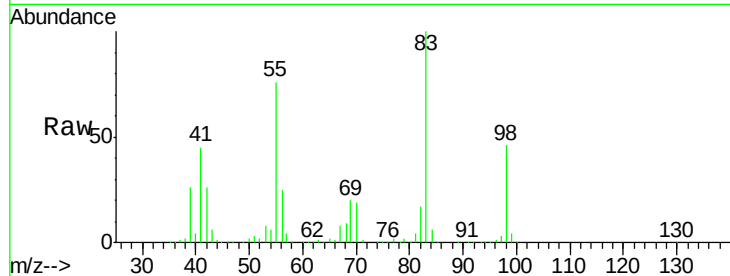
#39
Methylvlcyclohexane
Concen: 46.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	220584		
55	76.4		65.4	98.0
98	45.6		37.4	56.0

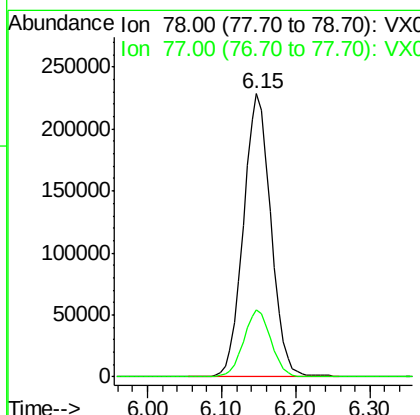
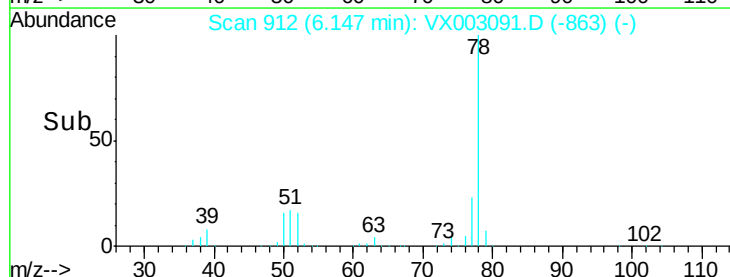
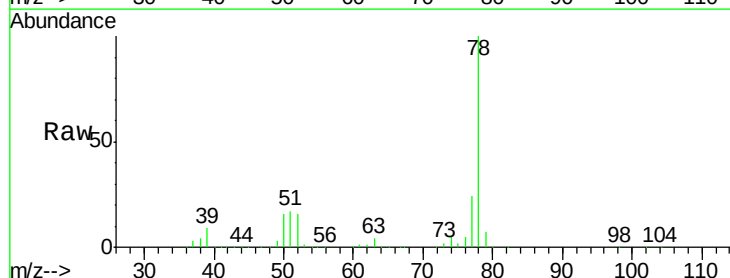
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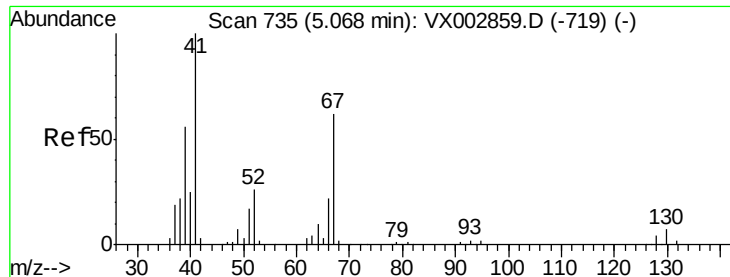
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#40
Benzene
Concen: 50.29 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	591465		
77	23.9		19.1	28.7





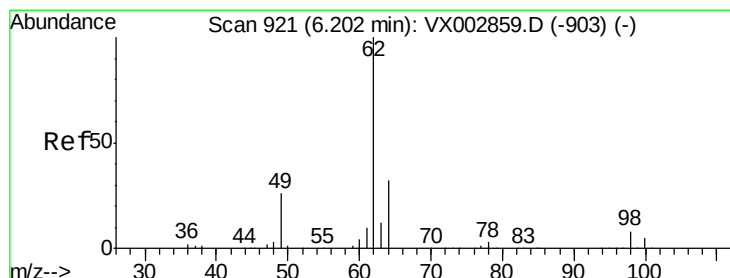
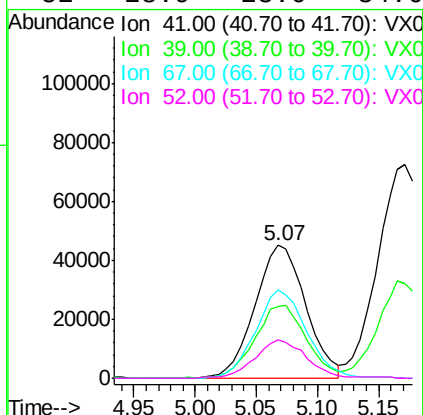
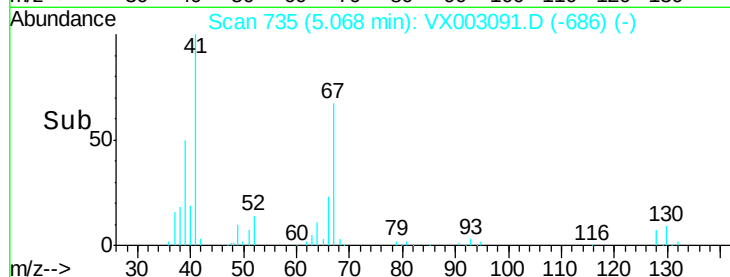
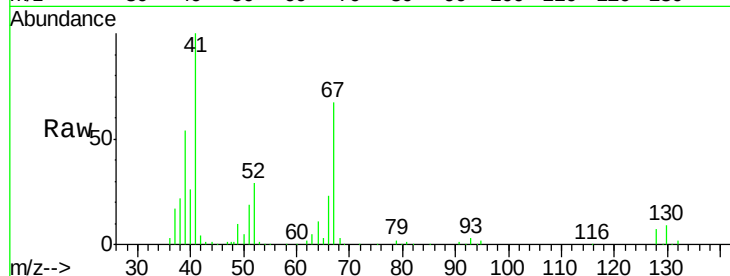
#41
Methacrylonitrile
Concen: 51.81 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	45.8	68.6	
67	67.1	51.3	76.9	
52	28.9	23.0	34.6	

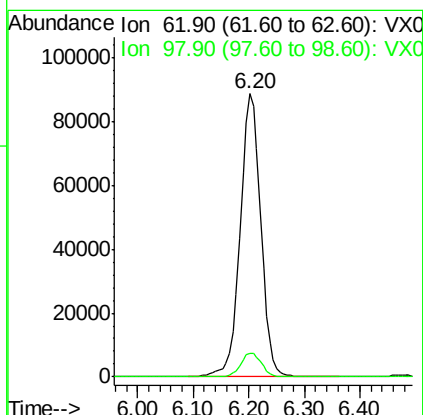
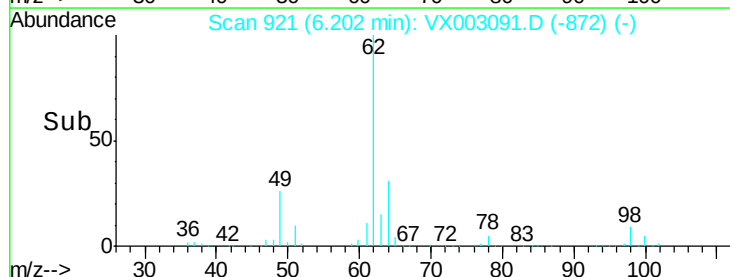
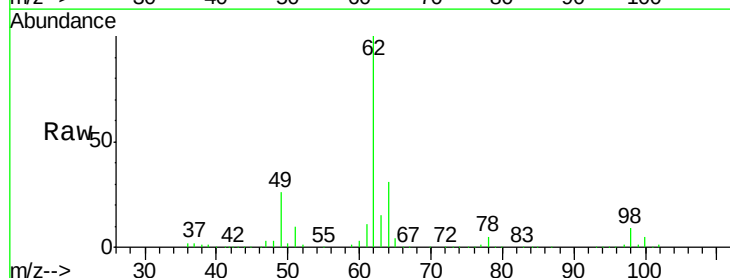
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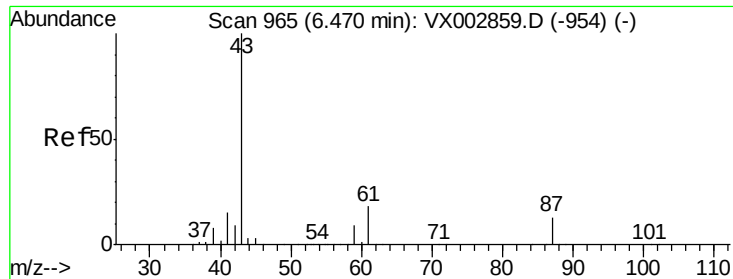
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#42
1,2-Dichloroethane
Concen: 48.10 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.6	





#43

Isopropyl Acetate

Concen: 47.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

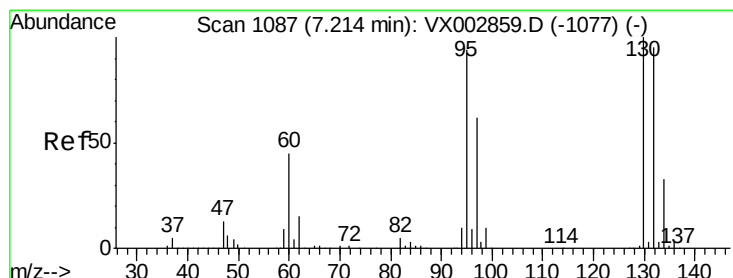
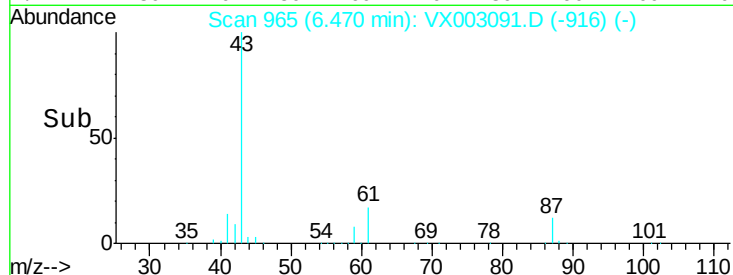
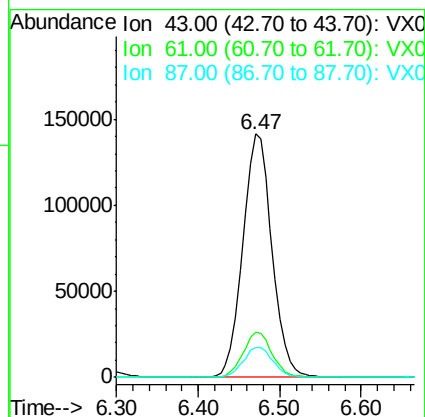
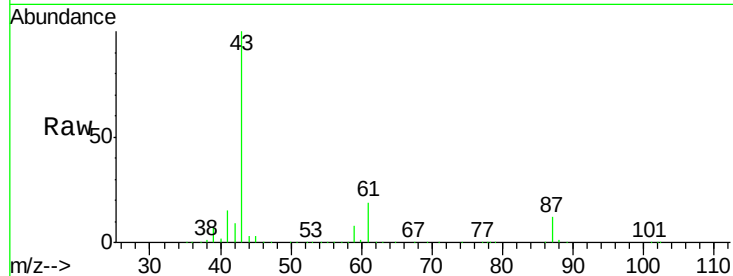
ClientSampleId :

S73-0217MSD

Tot Ion:	43	Resp:	348580
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.7	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.39 ug/l

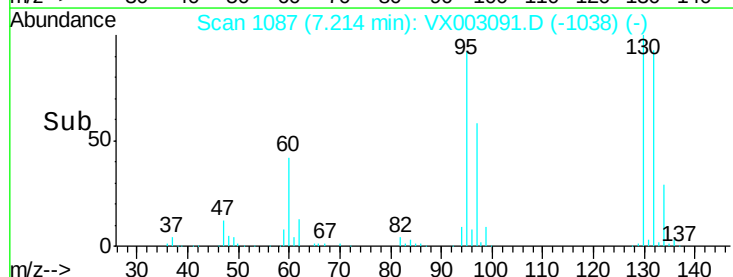
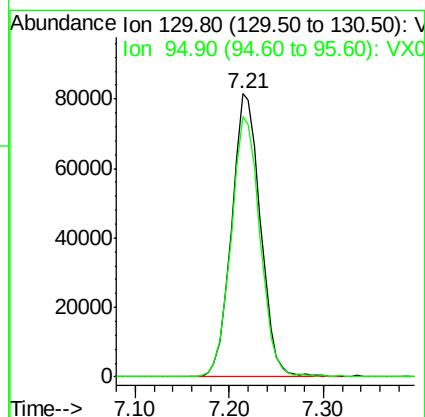
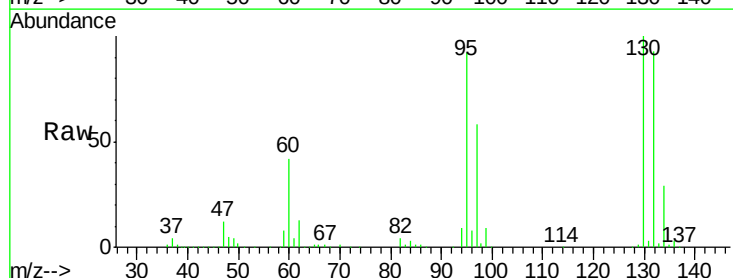
RT: 7.21 min Scan# 1087

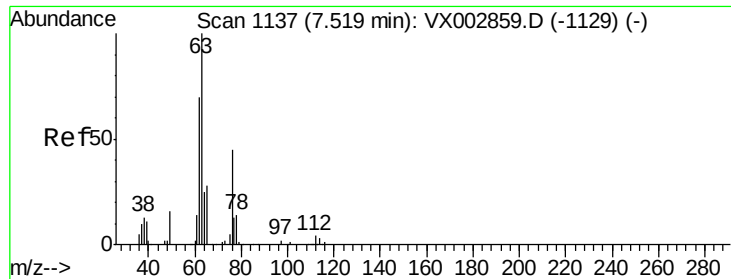
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	130	Resp:	173157
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	185.4





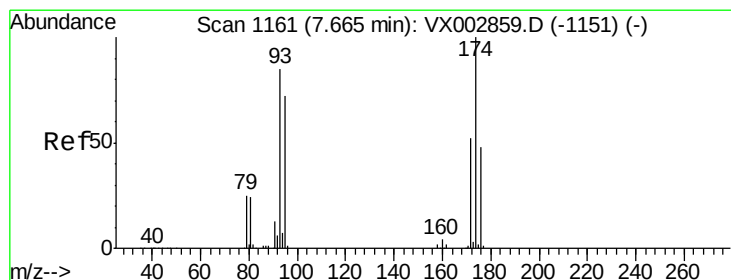
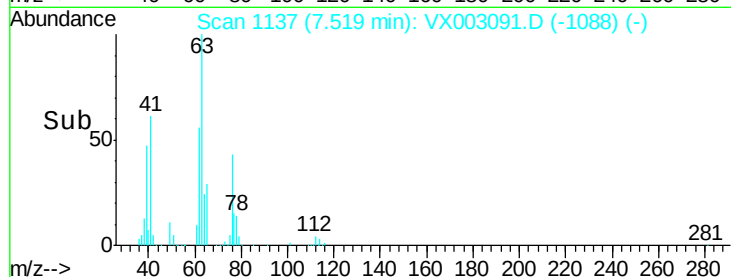
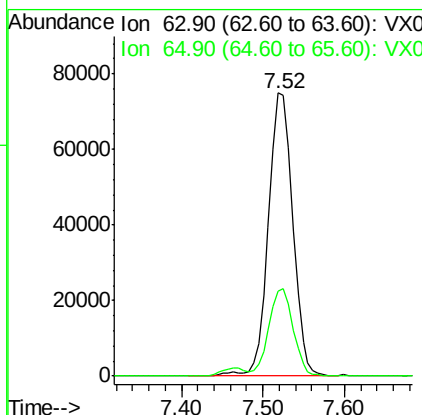
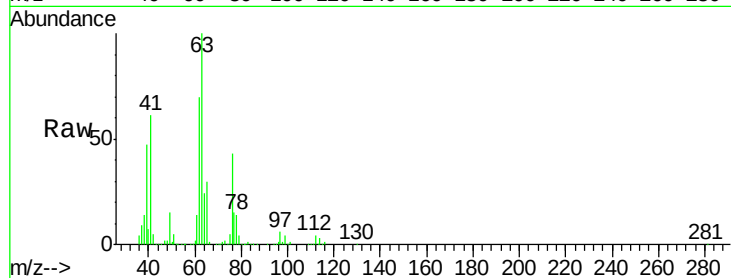
#45
 1,2-Dichloropropane
 Concen: 49.80 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.7	37.1

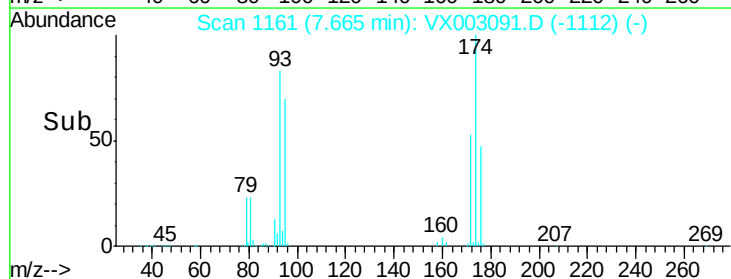
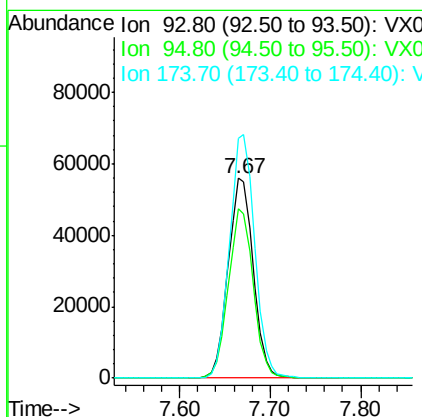
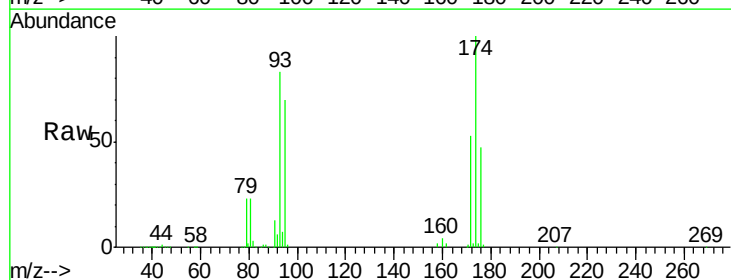
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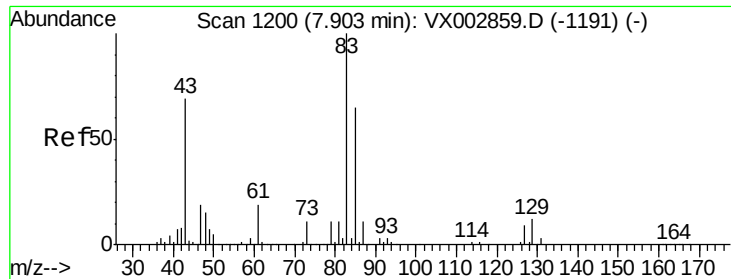
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#46
 Dibromomethane
 Concen: 49.77 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.9	98.9
174	122.0	92.4	138.6





#47

Bromodichloromethane

Concen: 51.51 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

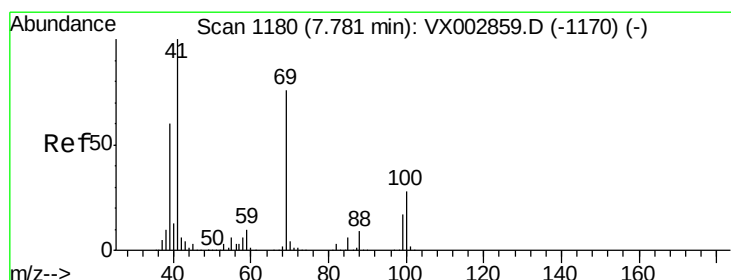
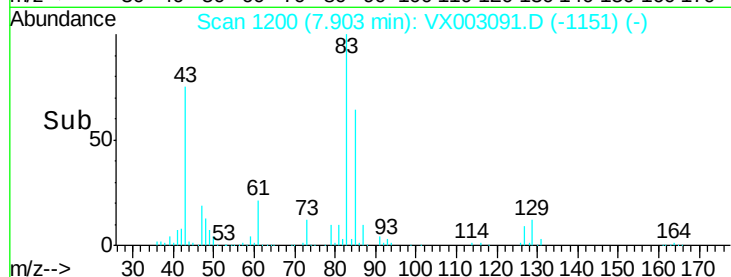
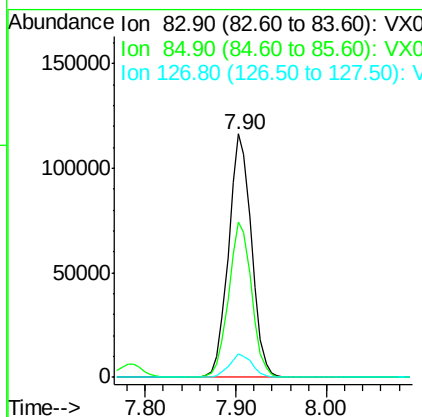
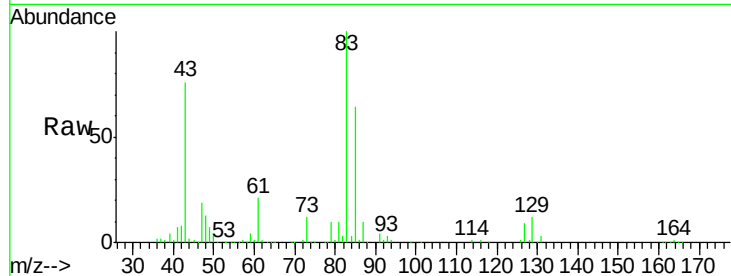
ClientSampleId :

S73-0217MSD

Tot Ion:	83	Resp:	206162
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.3	75.5
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.55 ug/l

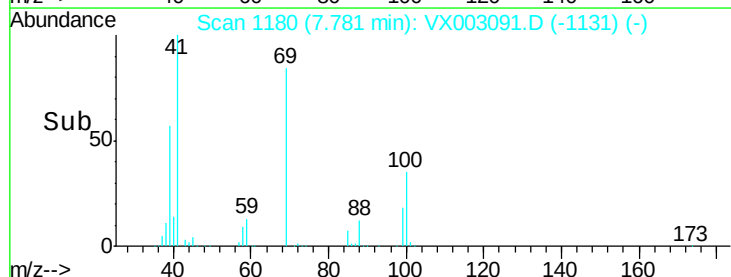
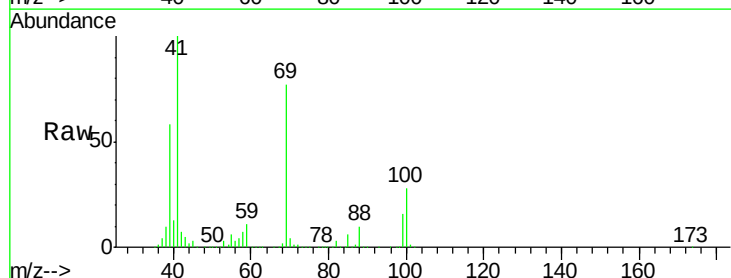
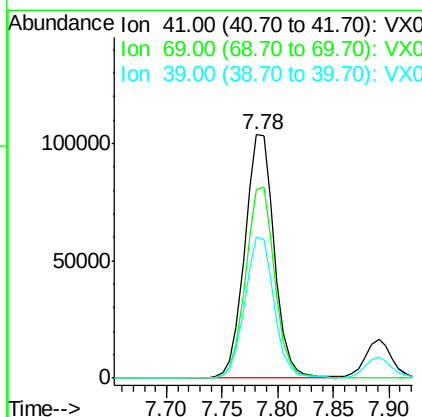
RT: 7.78 min Scan# 1180

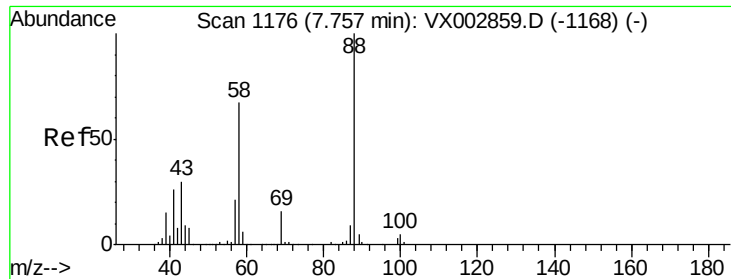
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	41	Resp:	190380
Ion Ratio	Lower	Upper	
41	100		
69	77.7	59.1	88.7
39	57.3	48.9	73.3





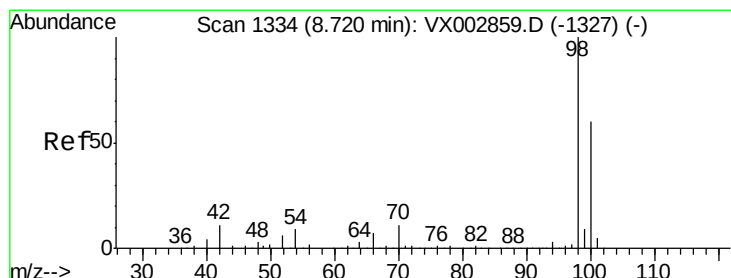
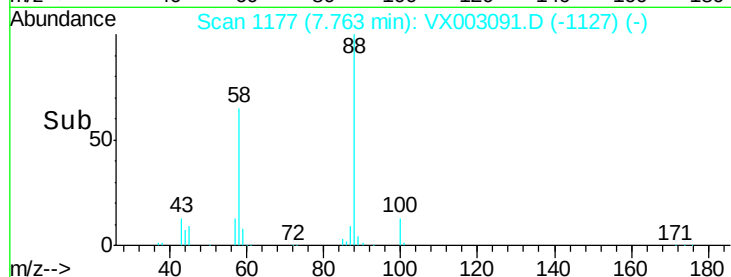
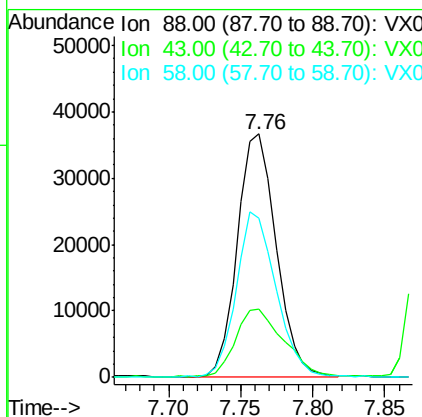
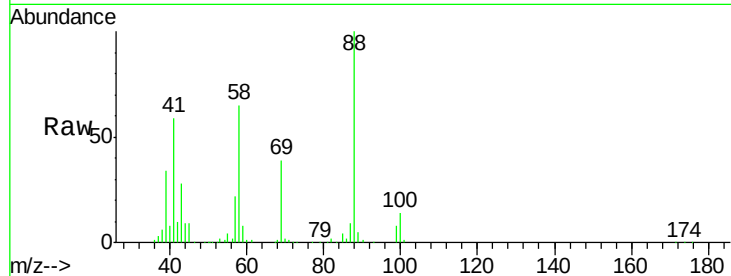
#49
1,4-Dioxane
Concen: 941.81 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.8	44.6
58	69.3	57.1	85.7

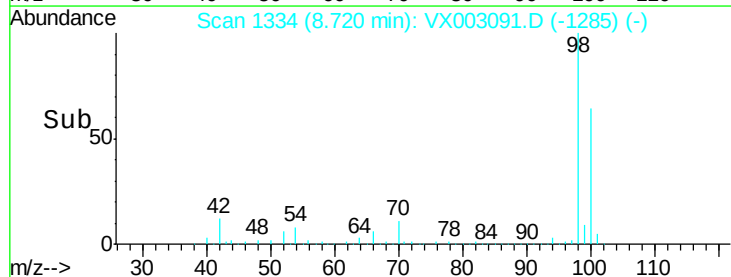
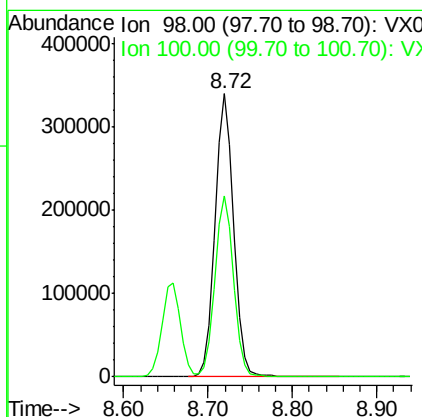
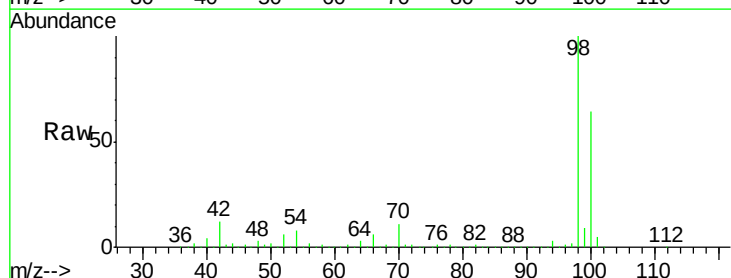
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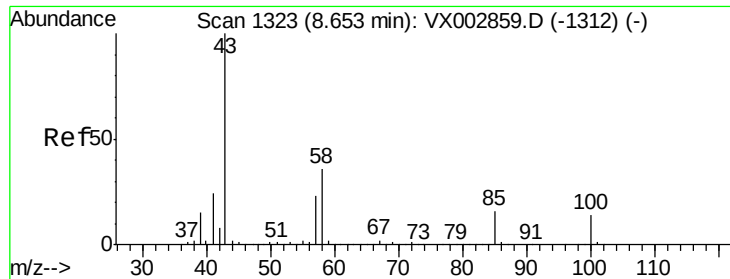
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#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





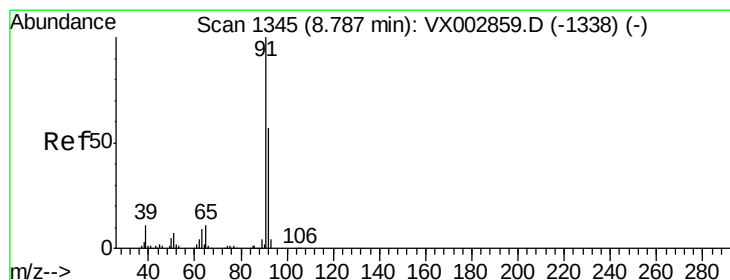
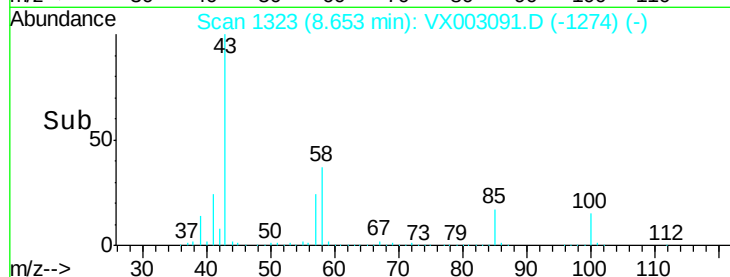
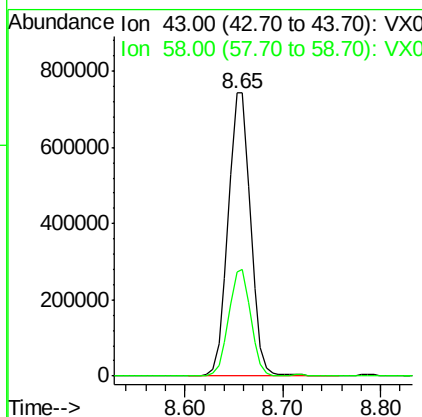
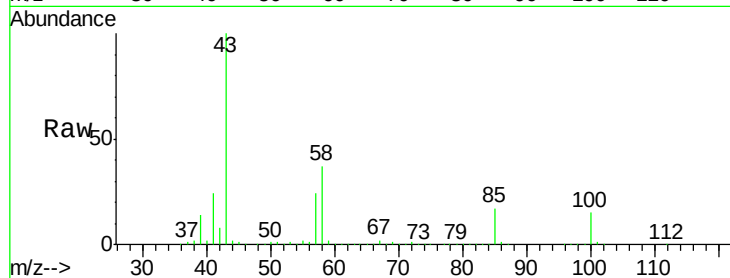
#51
4-Methyl-2-Pentanone
Concen: 258.83 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion: 43 Resp: 1183592
Ion Ratio Lower Upper
43 100
58 37.1 28.6 42.8

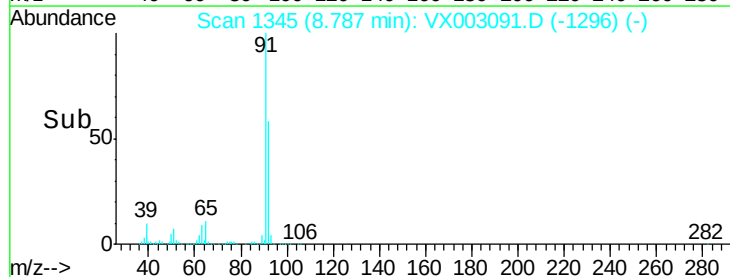
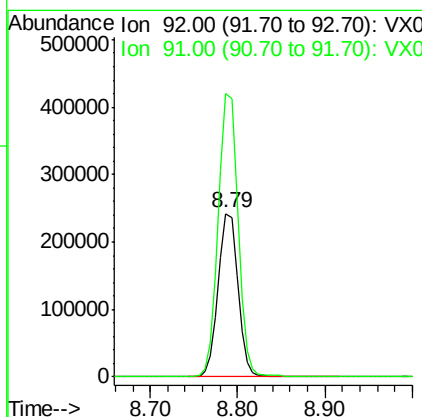
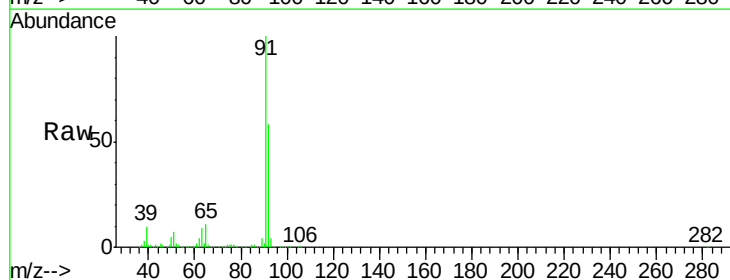
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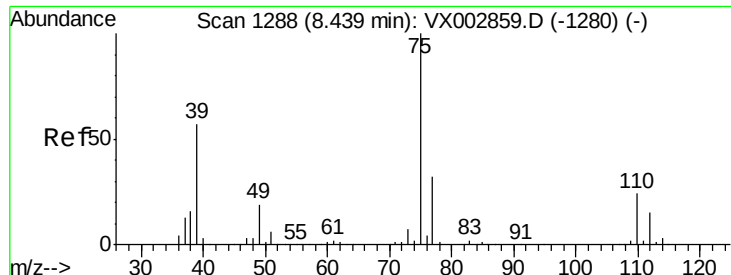
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#52
Toluene
Concen: 50.68 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion: 92 Resp: 381830
Ion Ratio Lower Upper
92 100
91 173.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 49.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tot Ion: 75 Resp: 225987

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

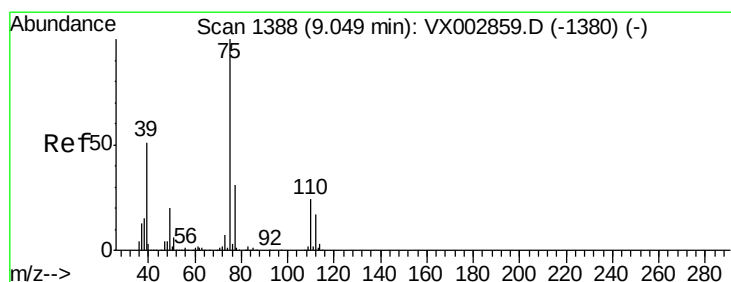
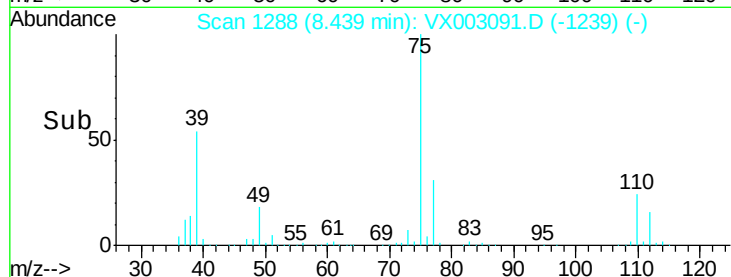
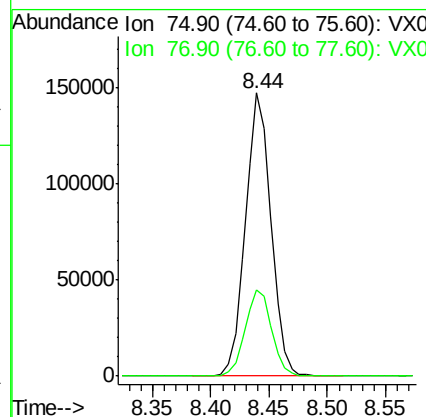
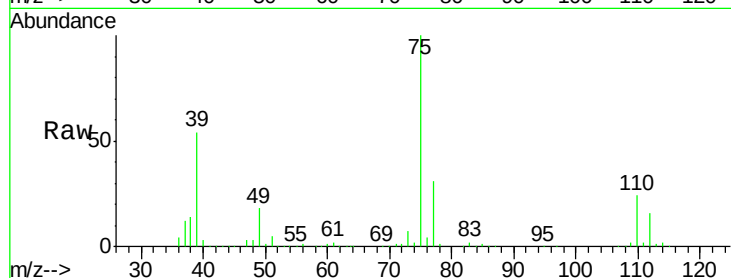
S73-0217MSD

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#54

cis-1,3-Dichloropropene

Concen: 49.00 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

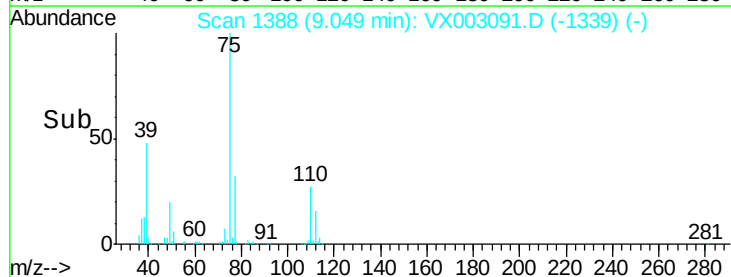
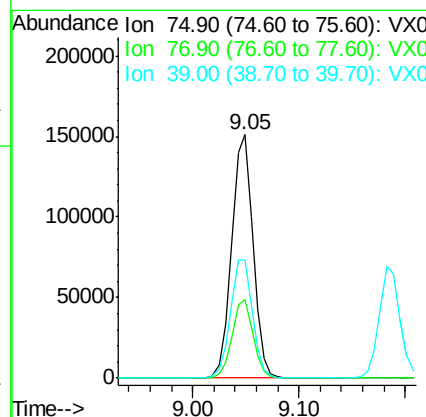
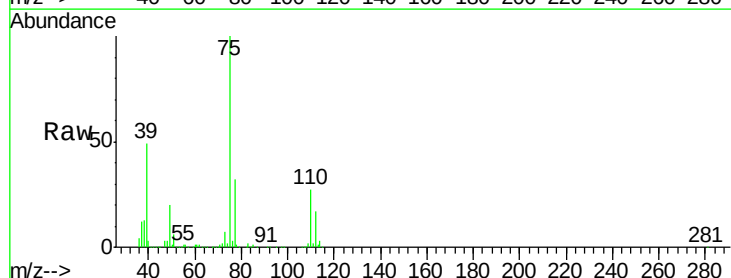
Tgt Ion: 75 Resp: 213717

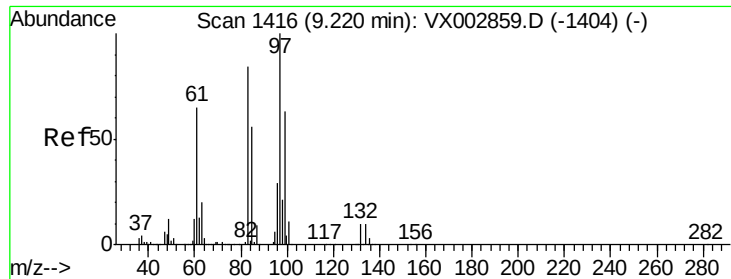
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 48.5 42.4 63.6





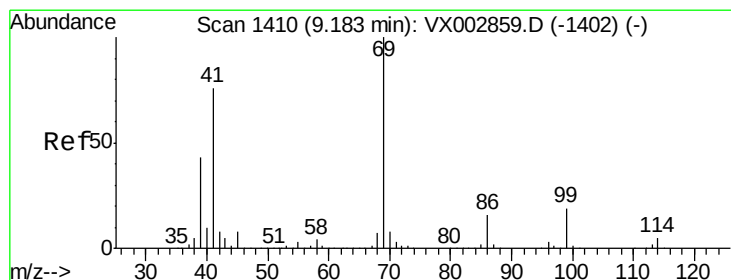
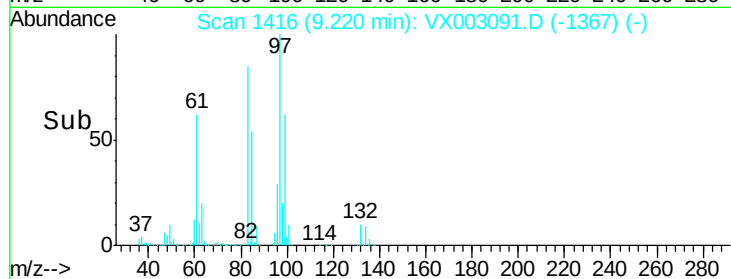
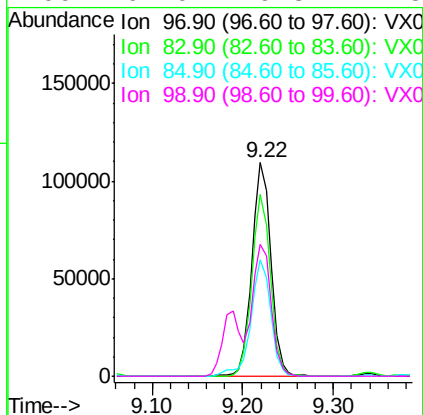
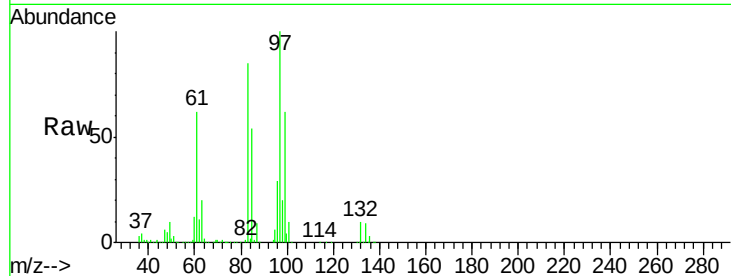
#55
 1,1,2-Trichloroethane
 Concen: 51.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		159675		
83	84.9	70.2	105.2		
85	54.5	44.9	67.3		
99	62.0	49.8	74.8		

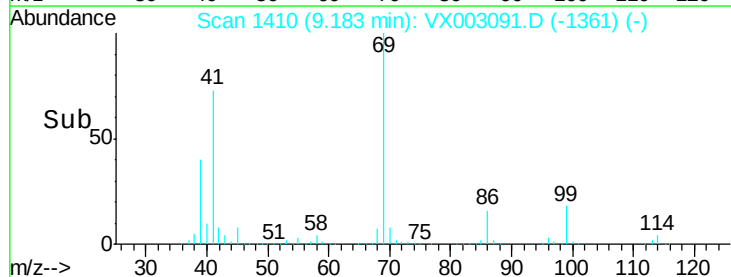
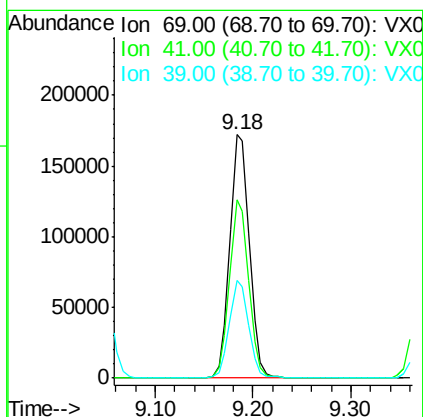
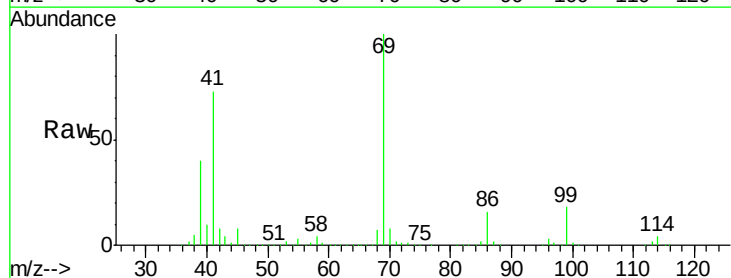
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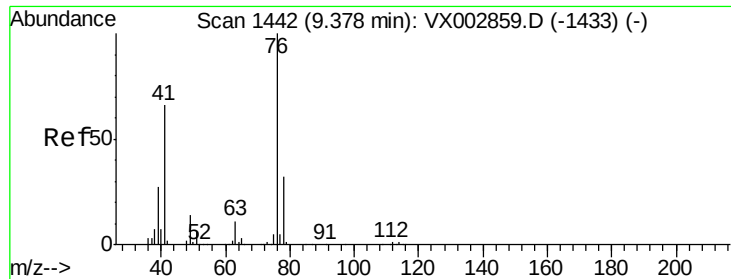
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#56
 Ethyl methacrylate
 Concen: 53.14 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		240428		
41	71.7	60.3	90.5		
39	39.3	35.8	53.8		





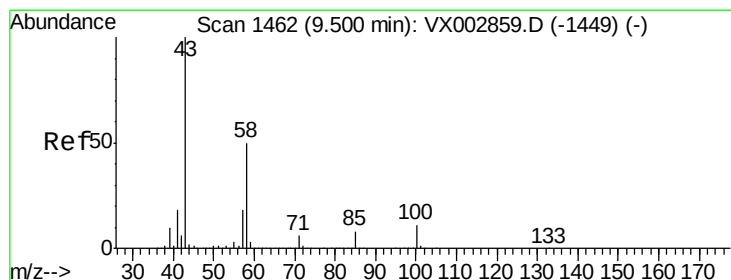
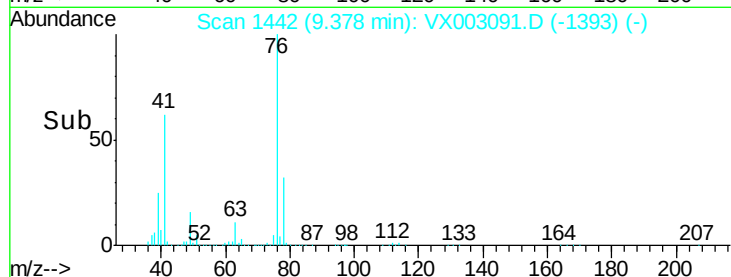
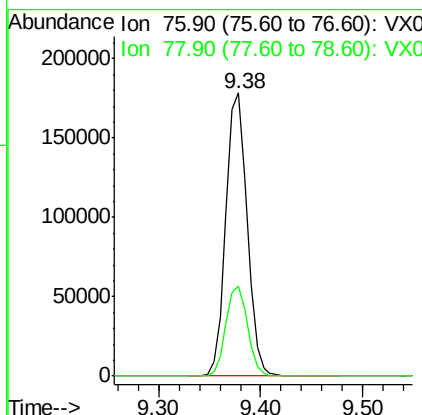
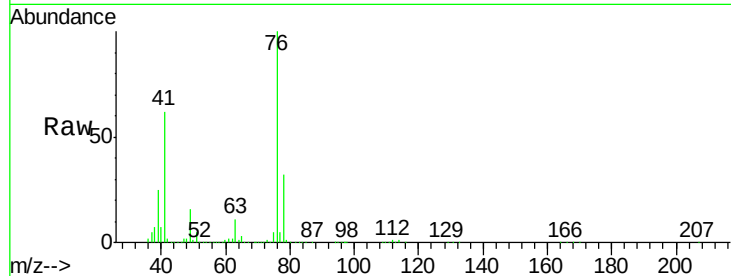
#57
 1,3-Dichloropropane
 Concen: 50.71 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

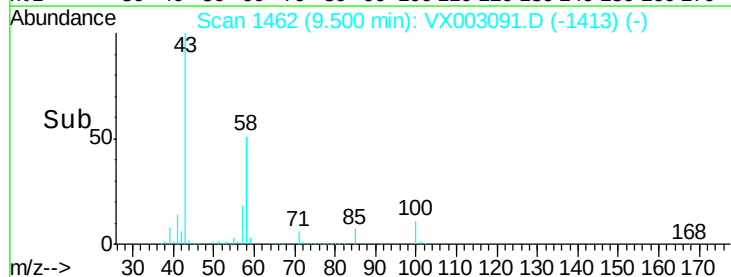
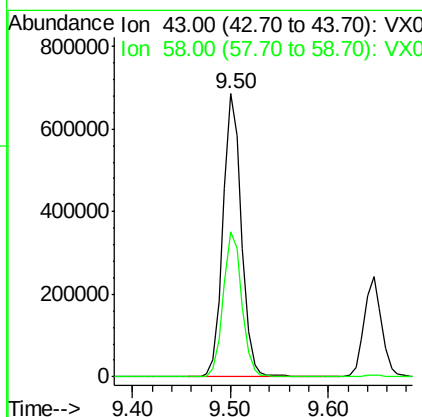
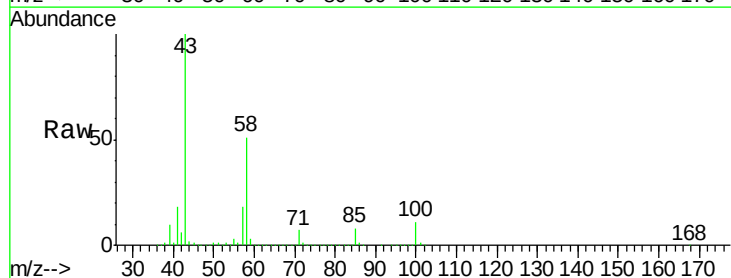
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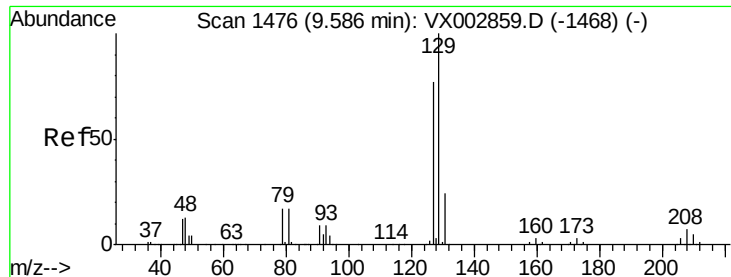
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#59
 2-Hexanone
 Concen: 257.43 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.7	24.6	73.6





#60

Dibromochloromethane

Concen: 52.63 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion:129 Resp: 171513

Ion Ratio Lower Upper

129 100

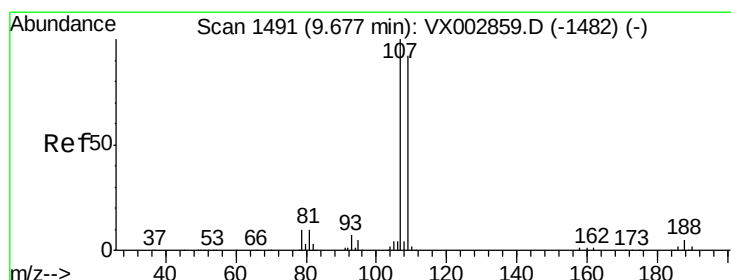
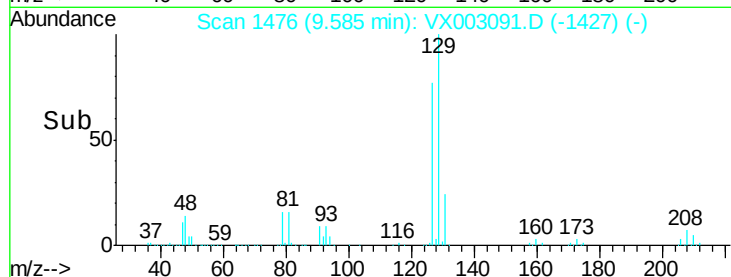
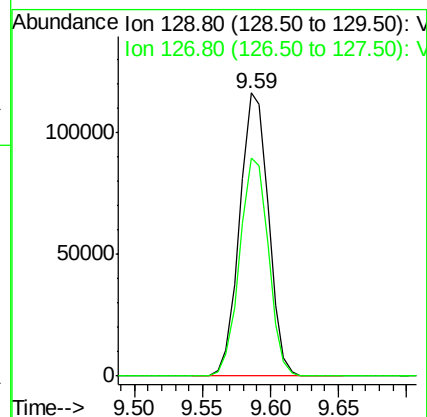
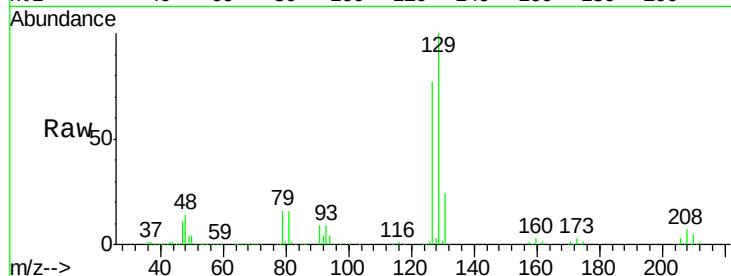
127 76.9 38.5 115.3

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#61

1,2-Dibromoethane

Concen: 51.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003091.D

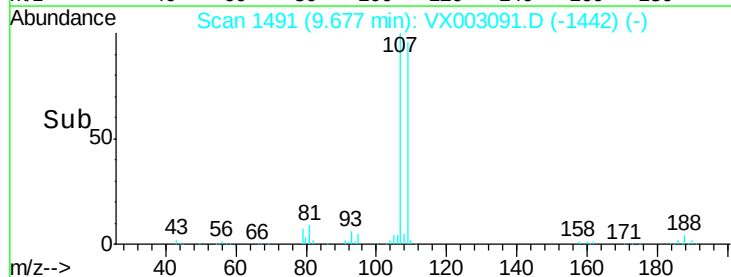
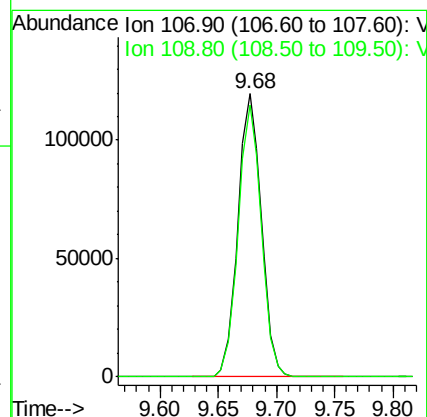
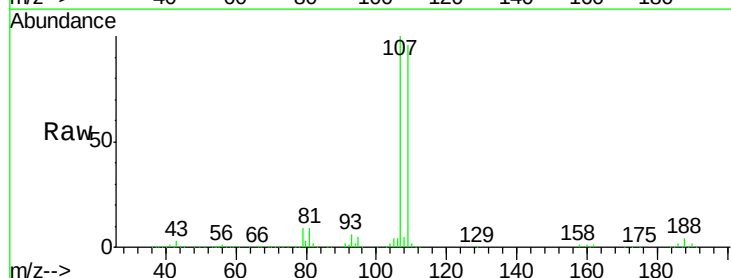
Acq: 30 Jun 2018 20:42

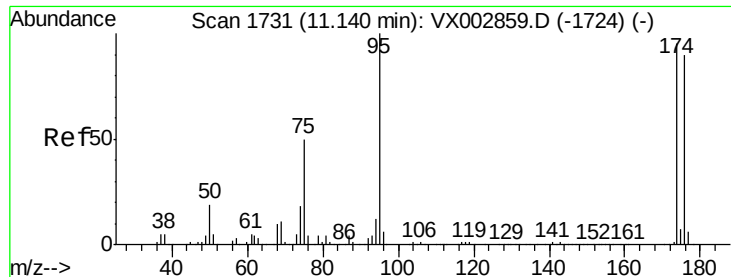
Tgt Ion:107 Resp: 168171

Ion Ratio Lower Upper

107 100

109 95.4 75.3 112.9





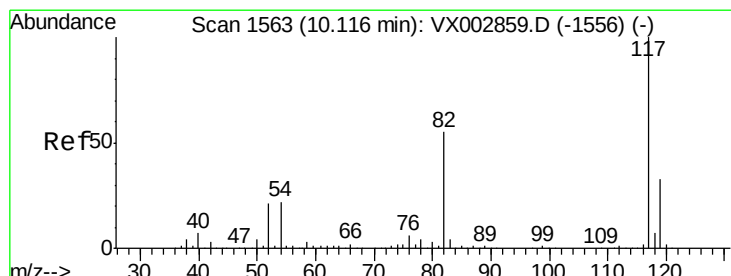
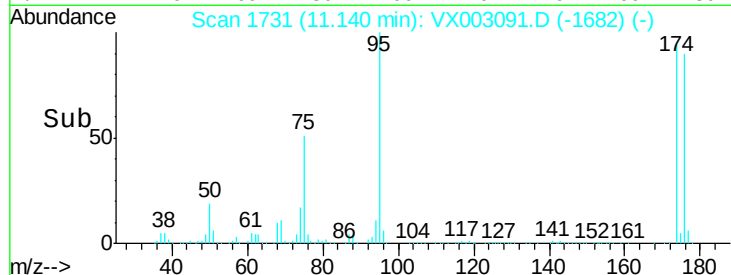
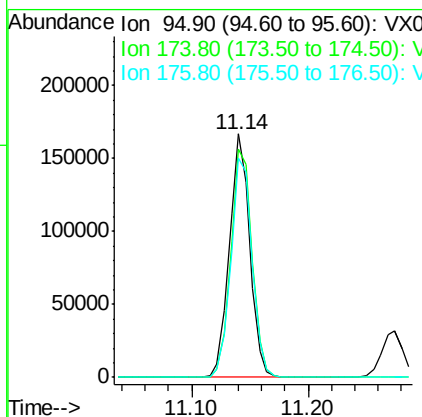
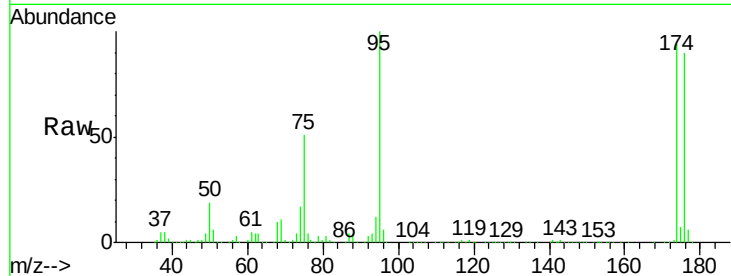
#62
4-Bromofluorobenzene
Concen: 49.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	203165		
174	98.2	0.0	187.4	
176	94.0	0.0	181.0	

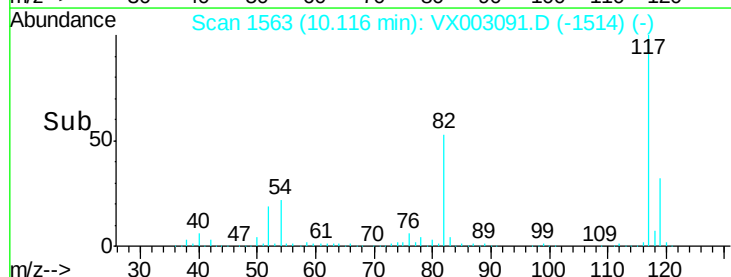
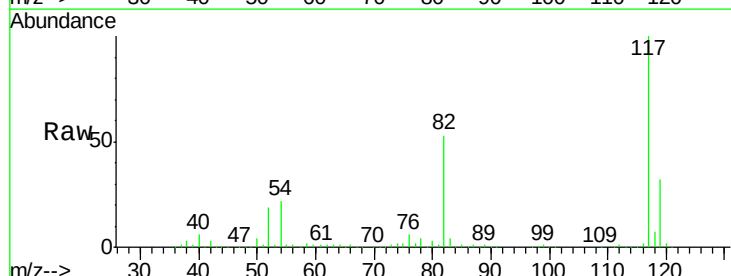
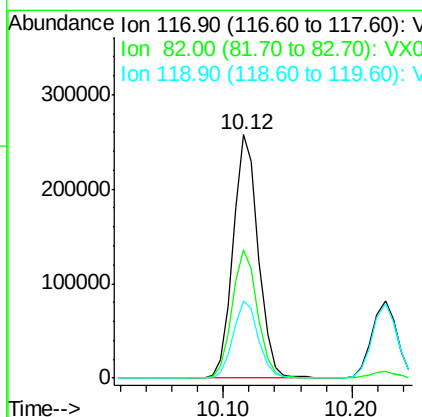
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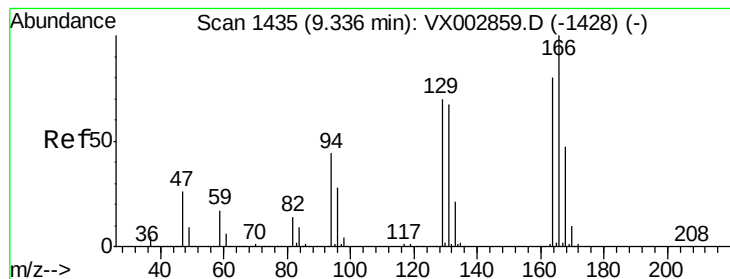
apatel
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350873		
82	52.6	45.0	67.4	
119	32.0	25.8	38.6	





#64

Tetrachloroethene

Concen: 42.61 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

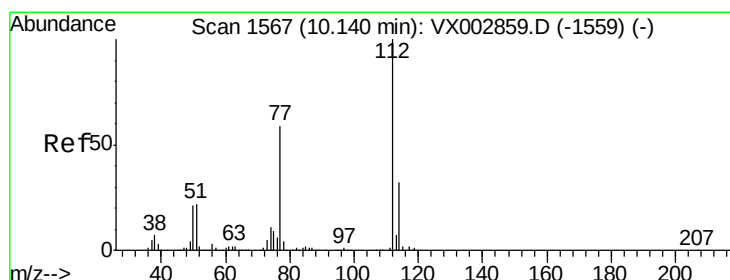
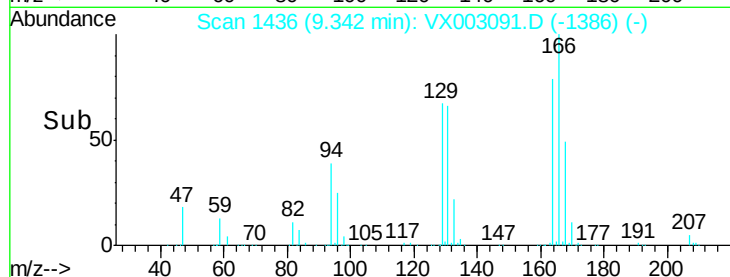
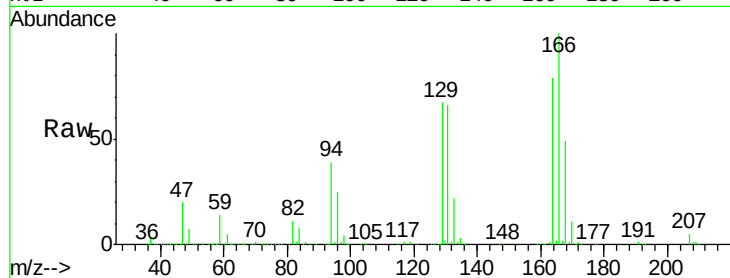
ClientSampleId :

S73-0217MSD

Tot Ion:	164	Resp:	166261
Ion Ratio	Lower	Upper	
164	100		
166	127.2	102.9	154.3
129	85.1	68.6	102.8
131	84.5	66.8	100.2

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#65

Chlorobenzene

Concen: 49.64 ug/l

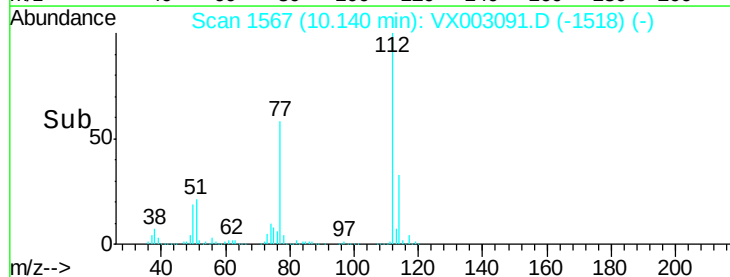
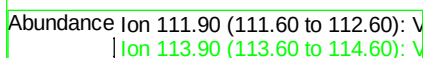
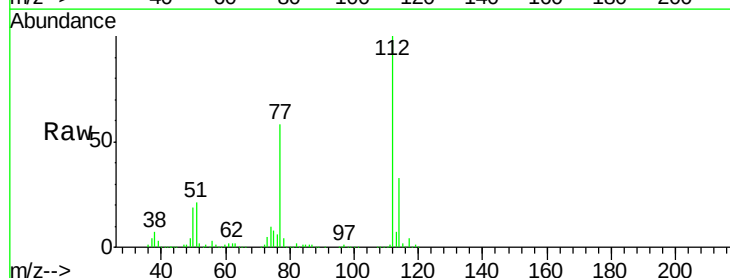
RT: 10.14 min Scan# 1567

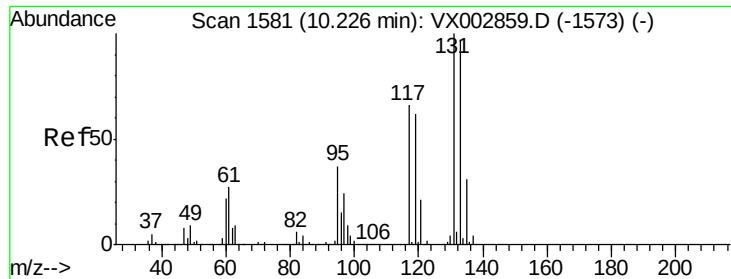
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	112	Resp:	442425
Ion Ratio	Lower	Upper	
112	100		
114	32.9	25.3	37.9





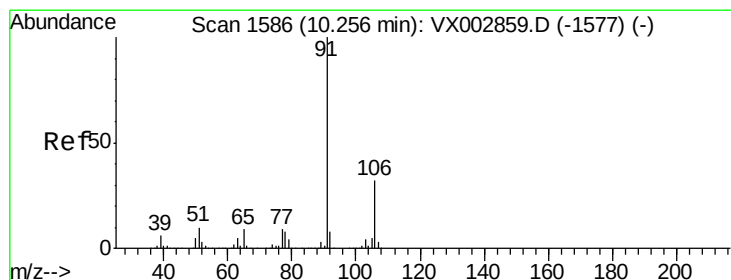
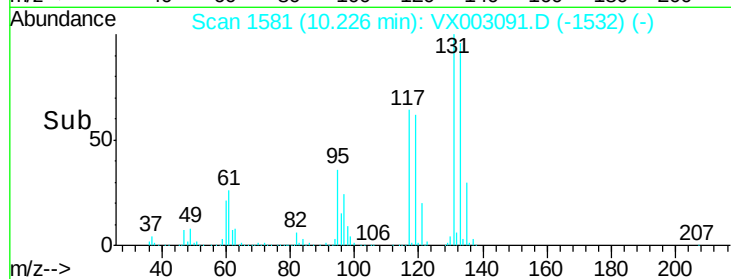
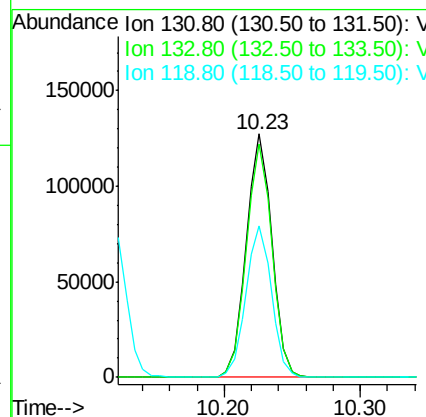
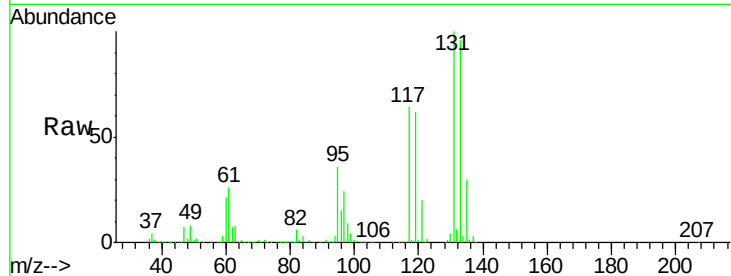
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.68 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	167314		
133	96.0	47.9	143.6	
119	62.6	31.8	95.3	

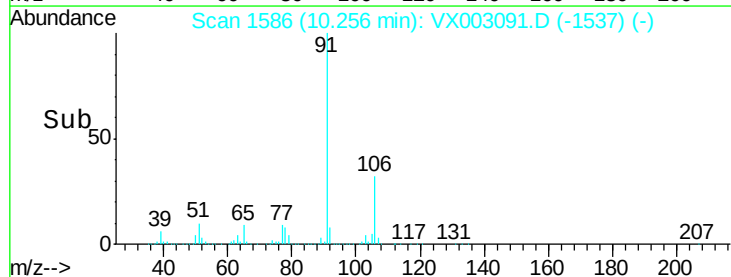
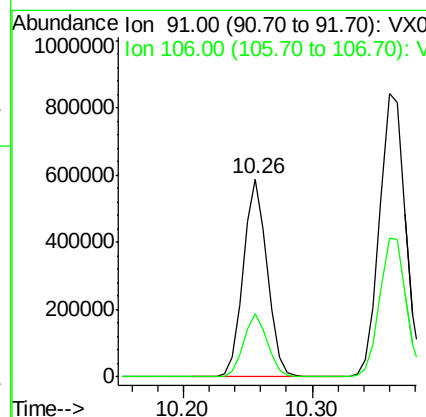
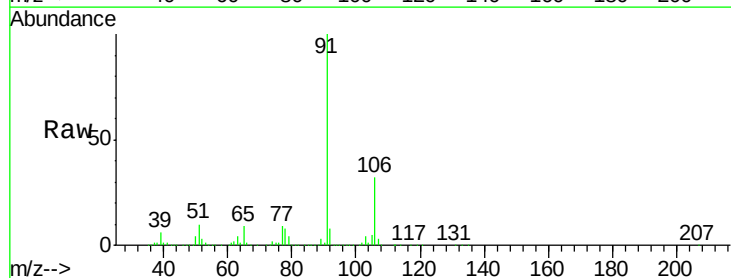
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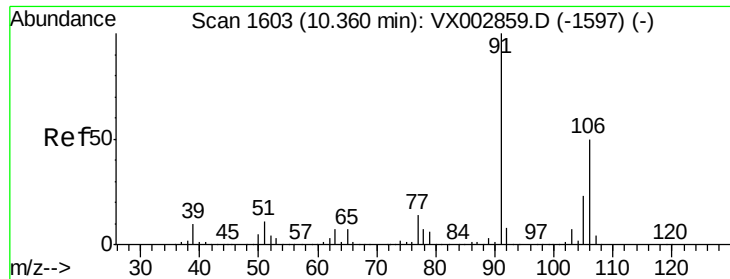
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#67
 Ethyl Benzene
 Concen: 51.22 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	754053		
106	32.0	25.5	38.3	





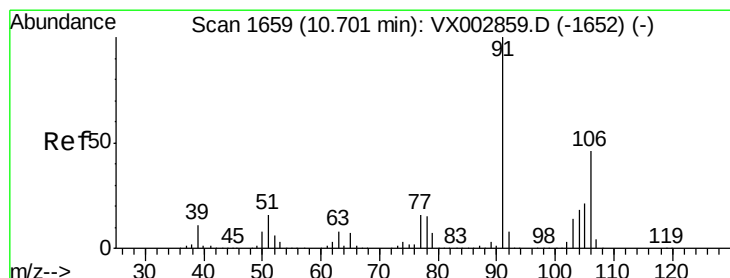
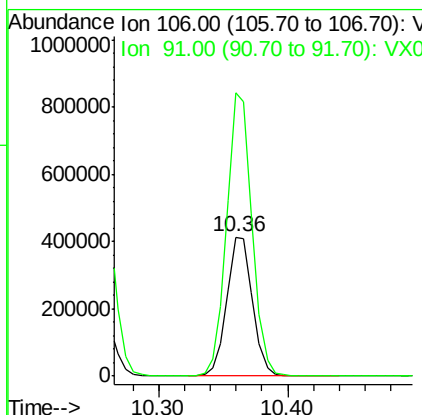
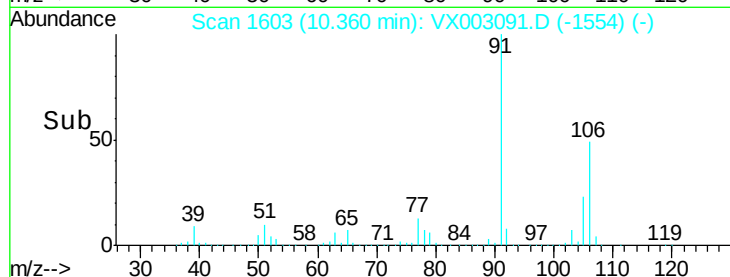
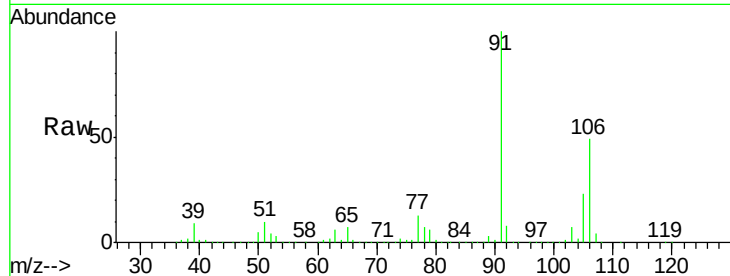
#68
m/p-Xylenes
Concen: 101.81 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion:106 Resp: 577670
Ion Ratio Lower Upper
106 100
91 202.0 163.4 245.2

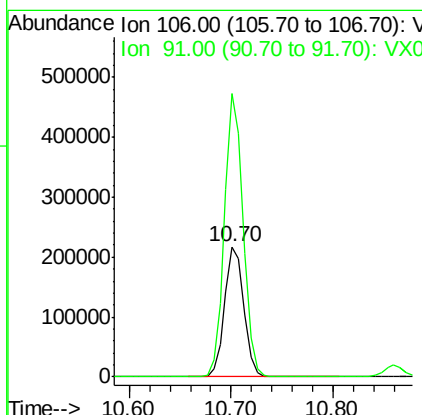
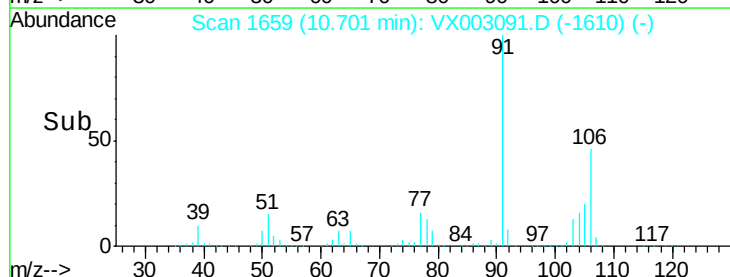
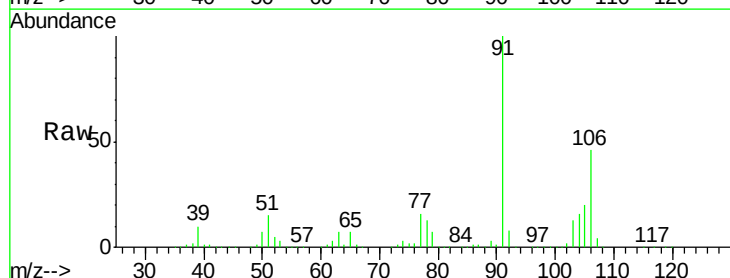
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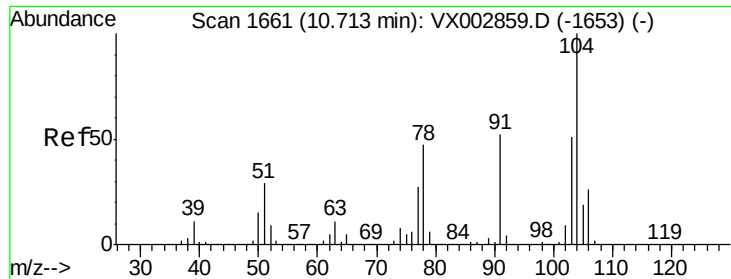
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#69
o-Xylene
Concen: 51.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion:106 Resp: 282494
Ion Ratio Lower Upper
106 100
91 212.5 108.2 324.6





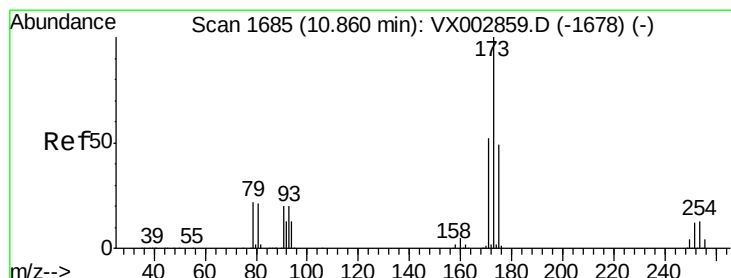
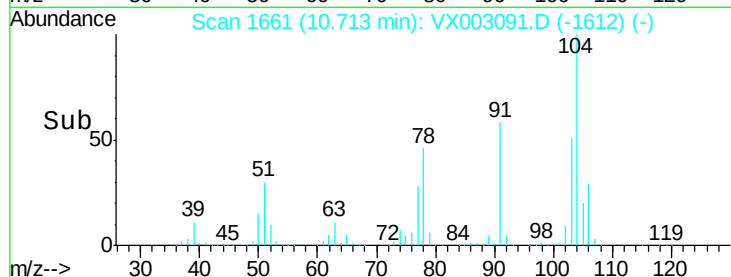
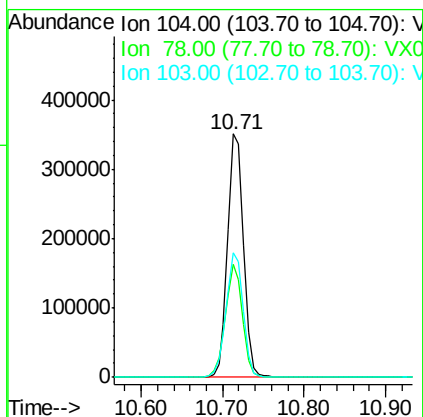
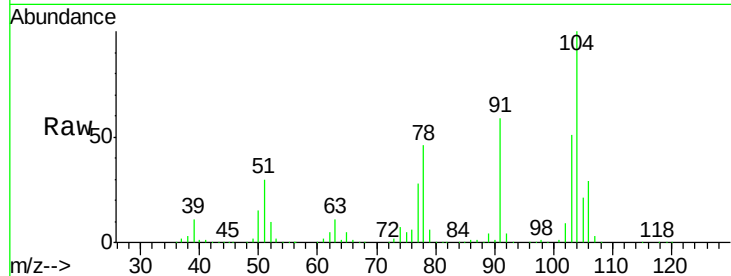
#70
Stvrene
Concen: 52.41 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampled :
S73-0217MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	41.0	61.6
103	55.0	44.2	66.4

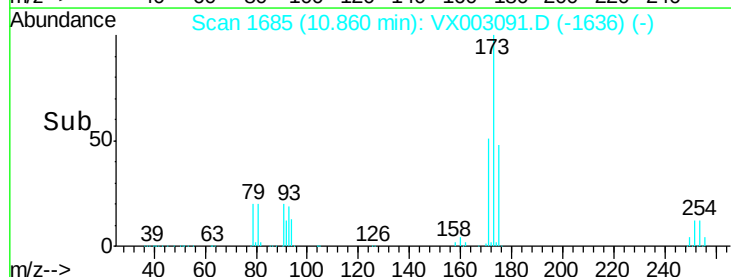
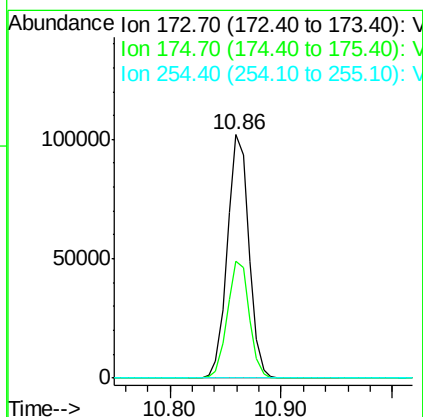
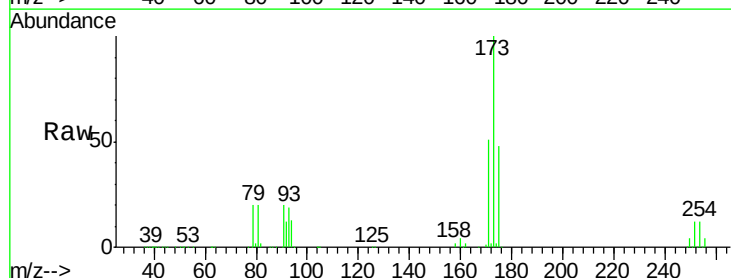
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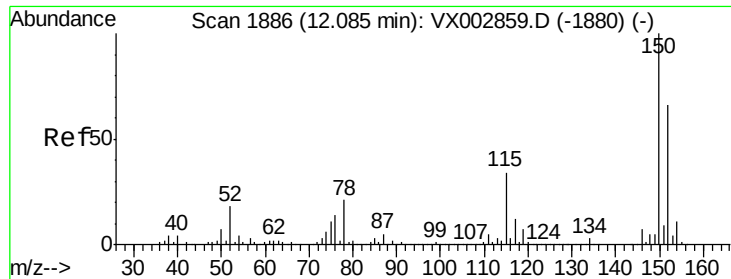
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#71
Bromoform
Concen: 46.78 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

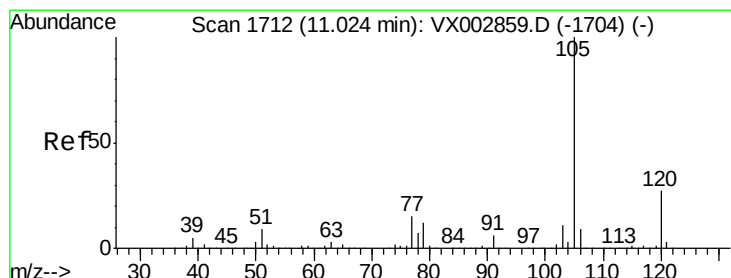
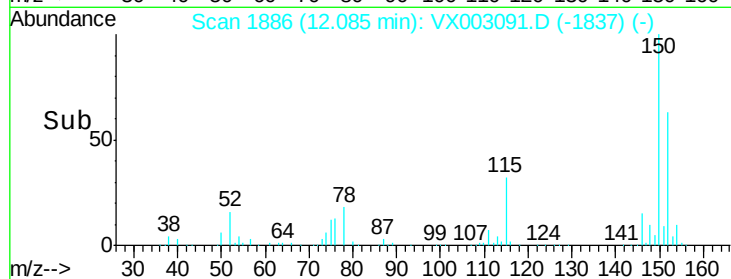
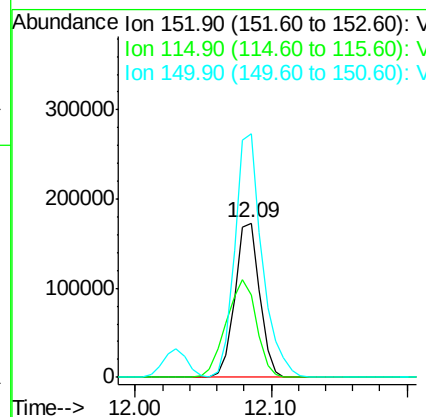
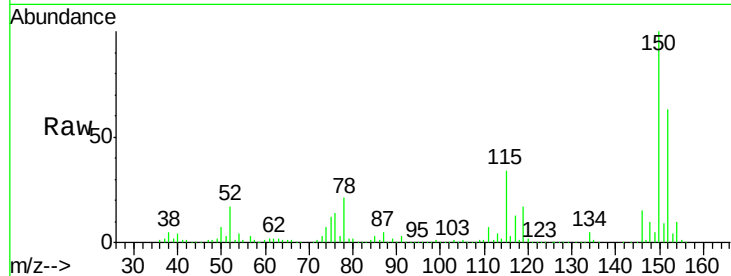
ClientSampled :

S73-0217MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.7	40.1	120.2
150	174.5	0.0	347.2

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#73

Isopropylbenzene

Concen: 52.15 ug/l

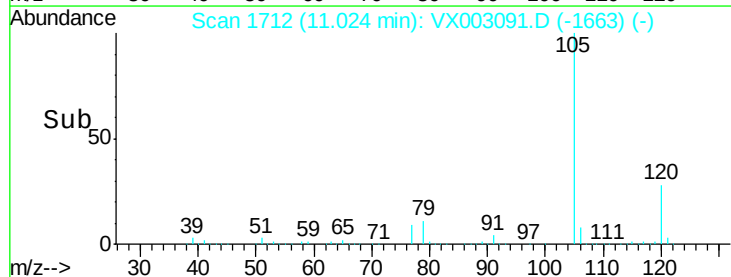
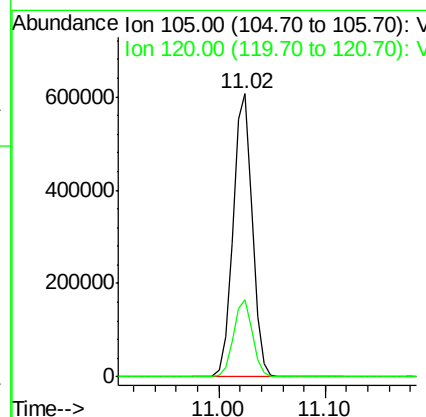
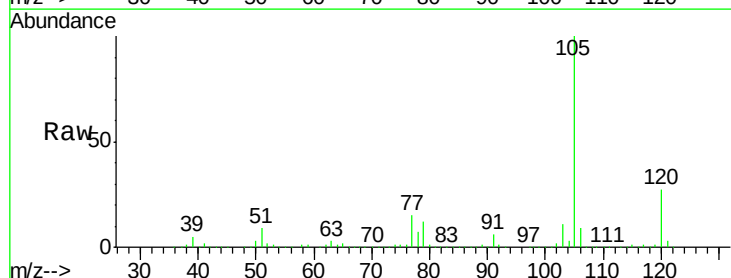
RT: 11.02 min Scan# 1712

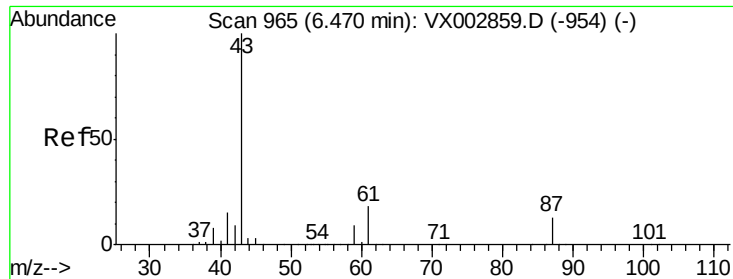
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4





#74

N-amvl acetate

Concen: 48.51 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion: 43 Resp: 348580

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

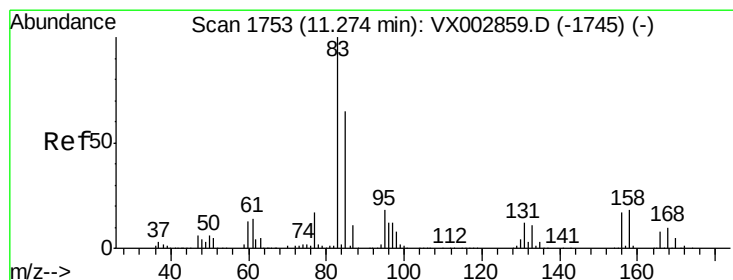
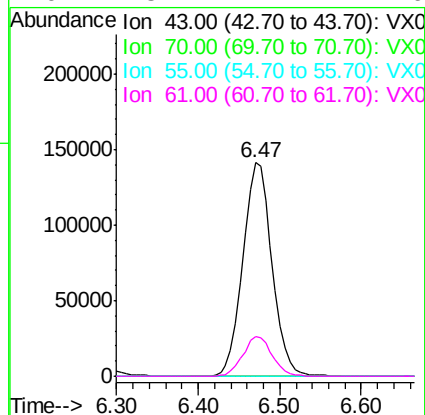
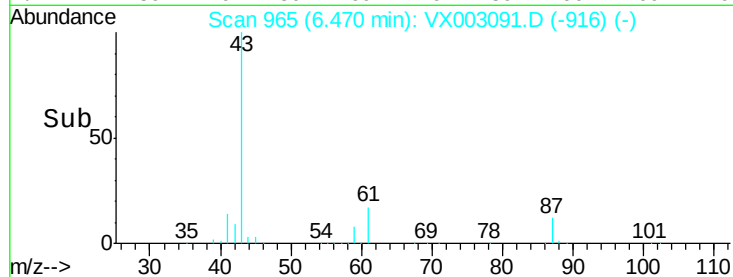
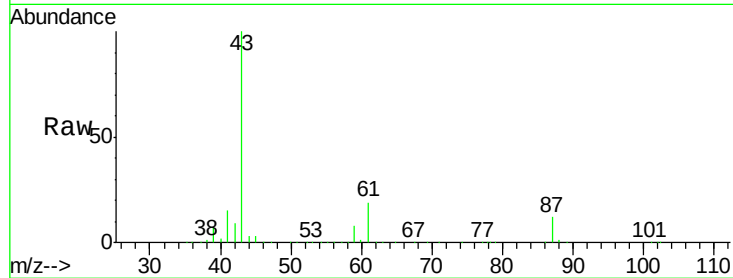
55 0.1 0.0 0.0#

61 18.7 14.4 21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 54.35 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

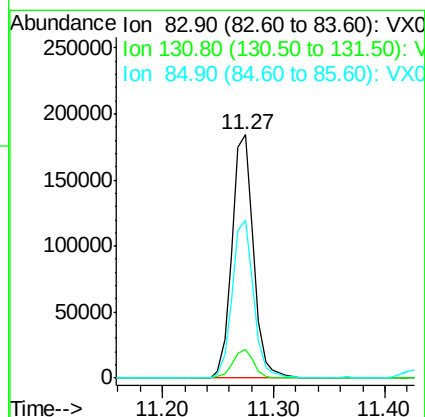
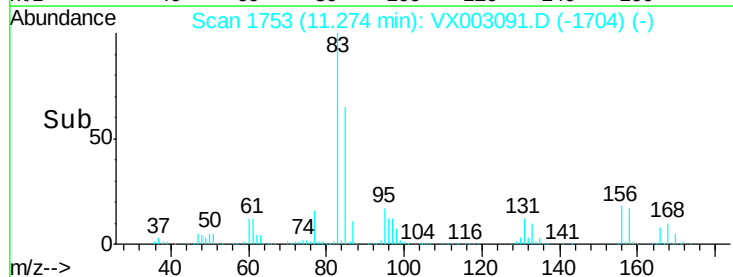
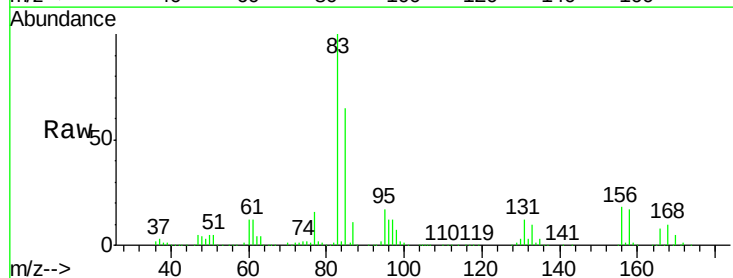
Tgt Ion: 83 Resp: 245893

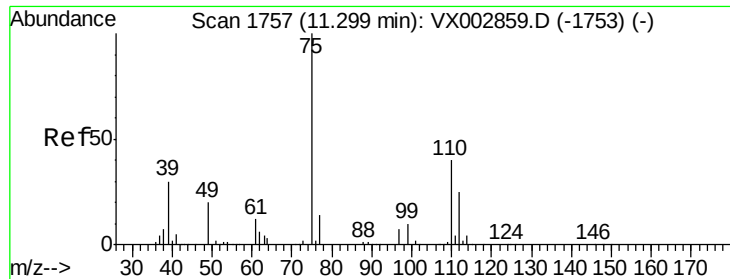
Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.7 32.4 97.2





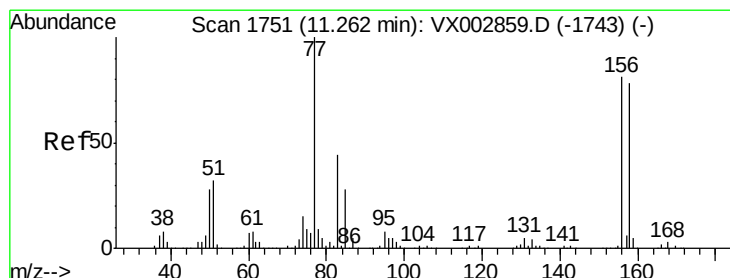
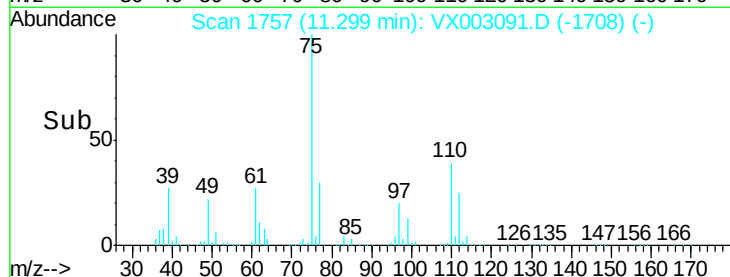
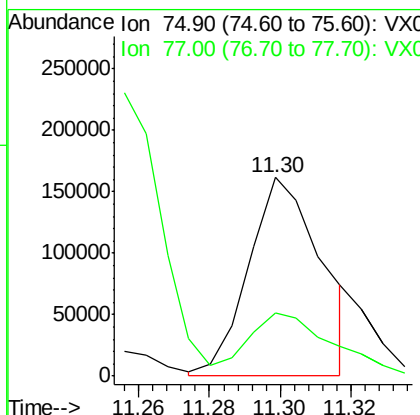
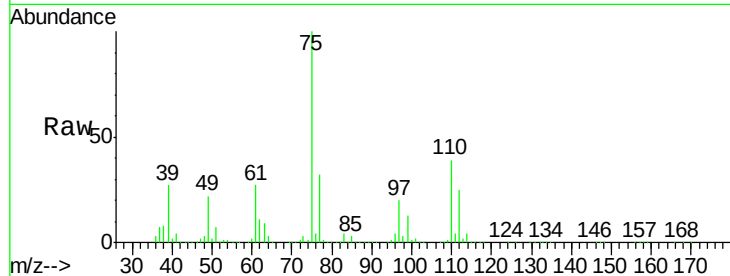
#76
 1,2,3-Trichloropropane
 Concen: 58.44 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion: 75 Resp: 231114
 Ion Ratio Lower Upper
 75 100
 77 37.2 22.8 68.3

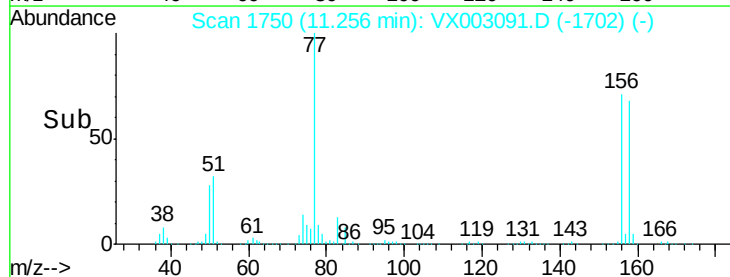
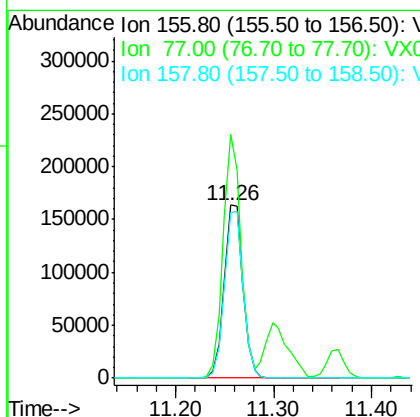
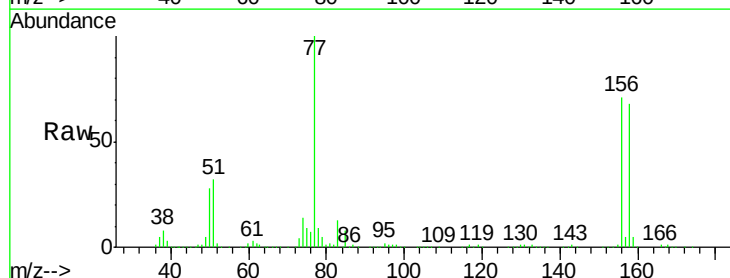
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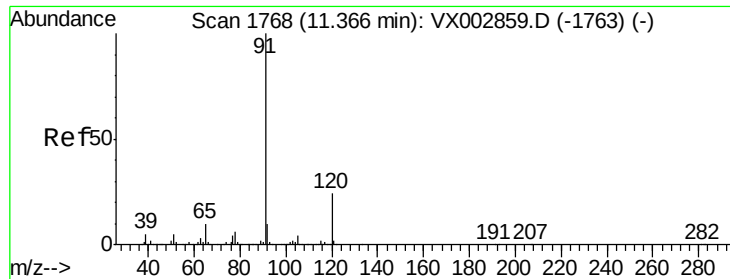
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#77
 Bromobenzene
 Concen: 52.05 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion: 156 Resp: 217696
 Ion Ratio Lower Upper
 156 100
 77 133.3 71.4 214.2
 158 96.4 48.9 146.6





#78

n-propylbenzene

Concen: 50.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

S73-0217MSD

Tot Ion: 91 Resp: 851891

Ion Ratio Lower Upper

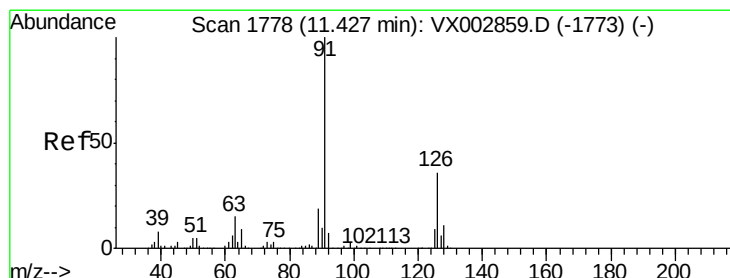
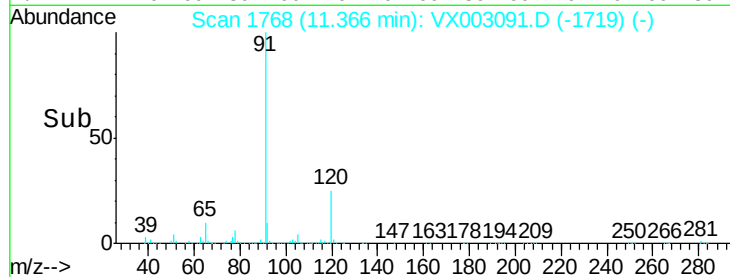
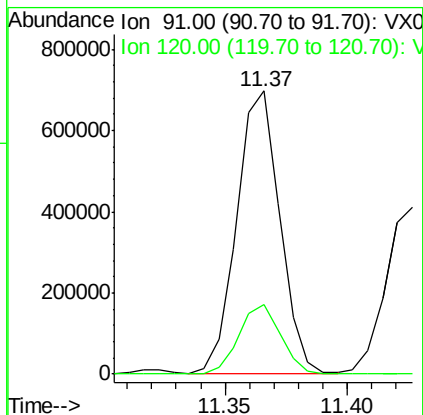
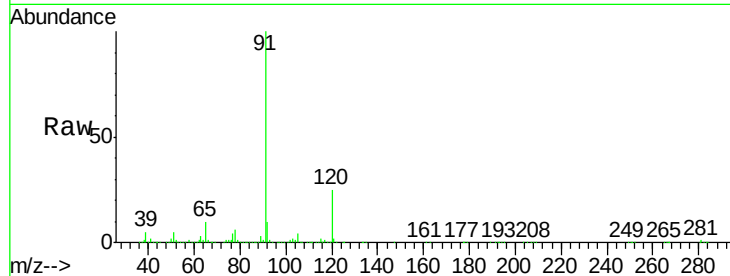
91 100

120 24.3 11.8 35.4

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#79

2-Chlorotoluene

Concen: 50.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003091.D

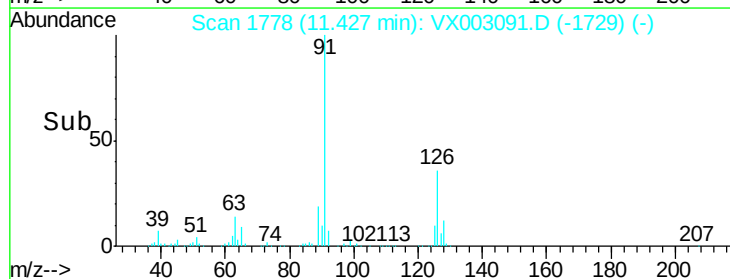
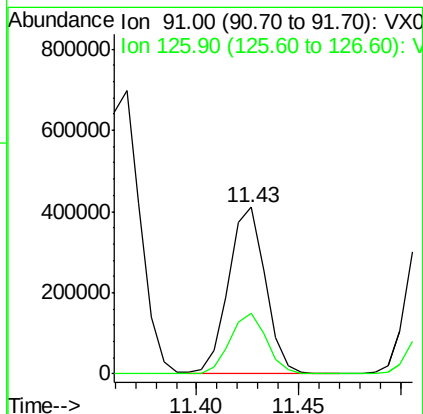
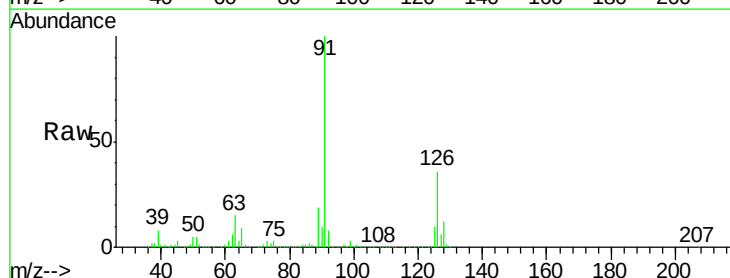
Acq: 30 Jun 2018 20:42

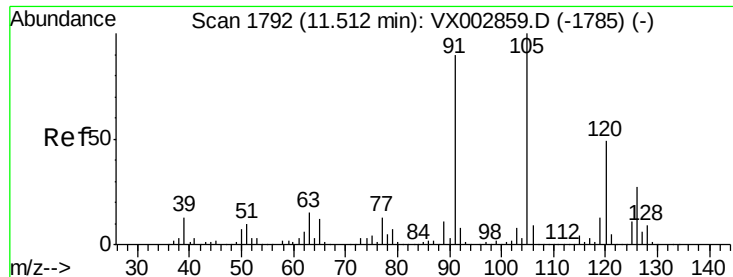
Tgt Ion: 91 Resp: 510644

Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1





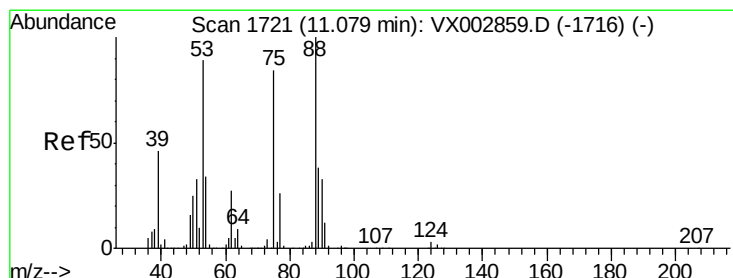
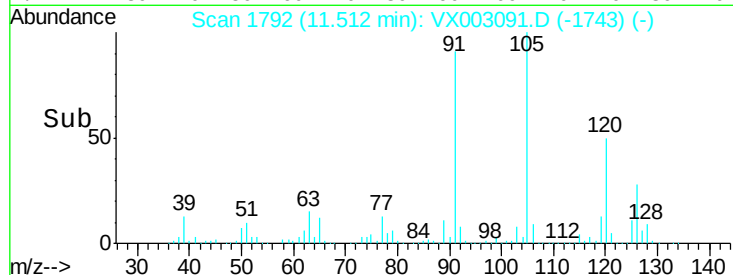
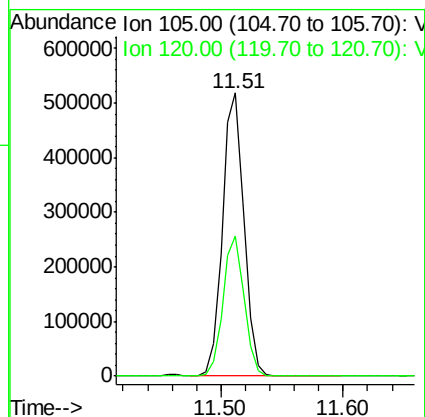
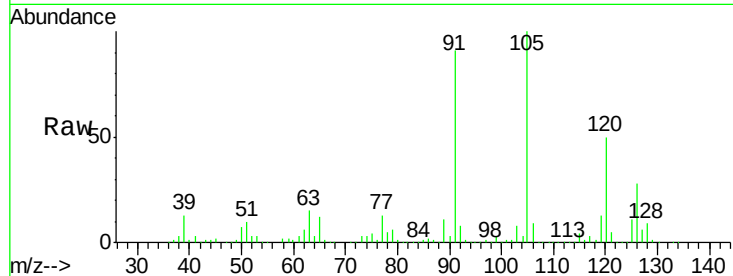
#80
 1,3,5-Trimethylbenzene
 Concen: 50.98 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampled :
 S73-0217MSD

Tot Ion:105 Resp: 630652
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4

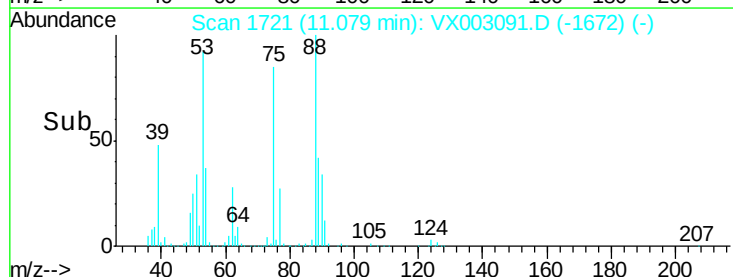
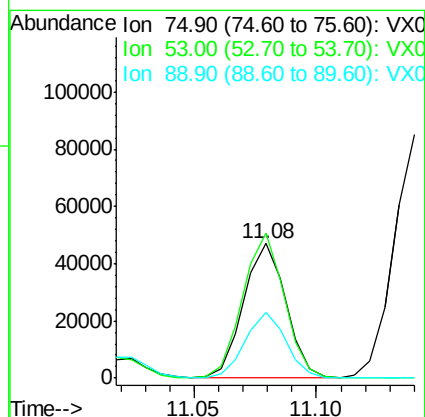
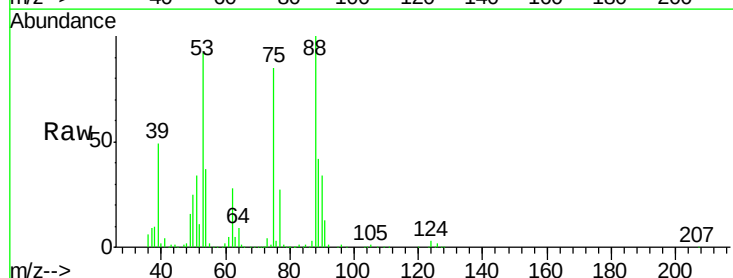
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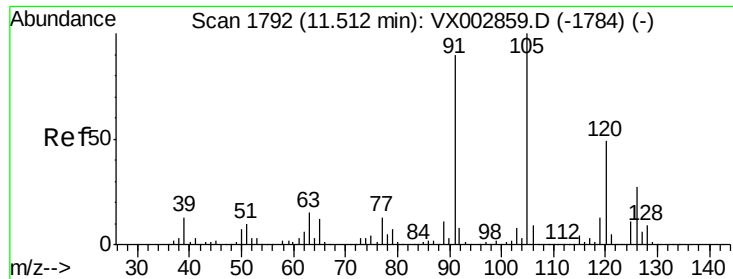
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.04 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion: 75 Resp: 56520
 Ion Ratio Lower Upper
 75 100
 53 106.9 86.8 130.2
 89 47.9 38.2 57.2





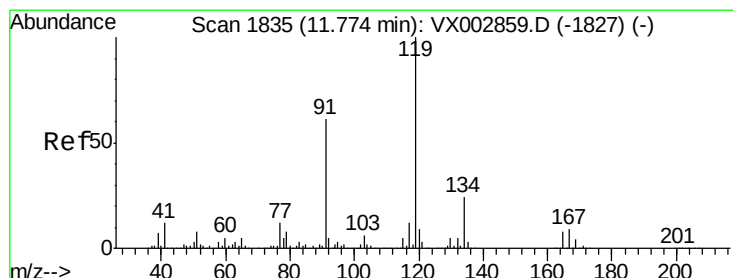
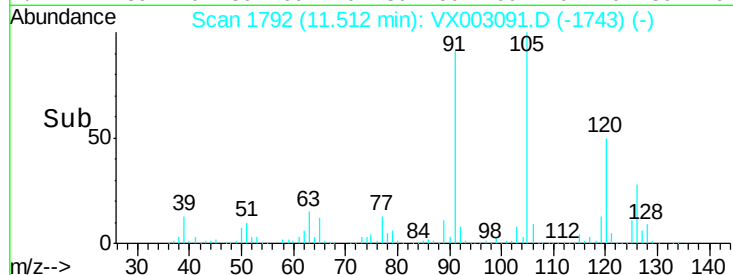
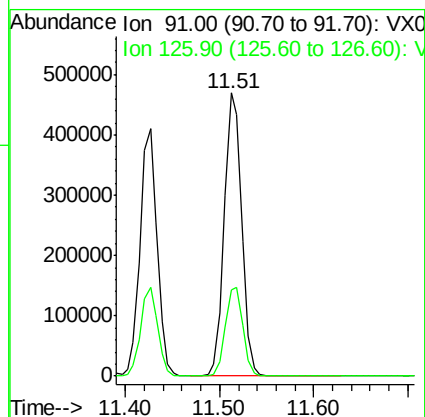
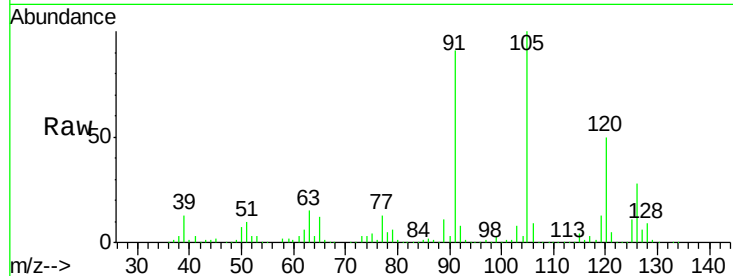
#82
4-Chlorotoluene
Concen: 50.32 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampled :
S73-0217MSD

Tot Ion: 91 Resp: 602911
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.4

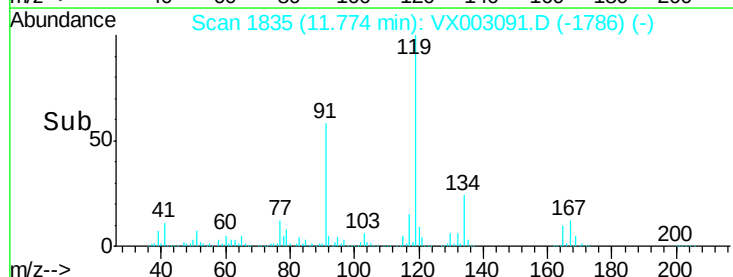
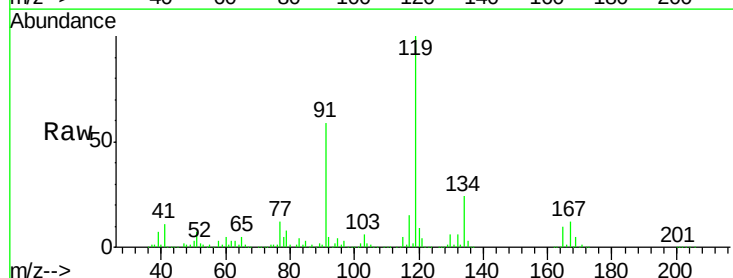
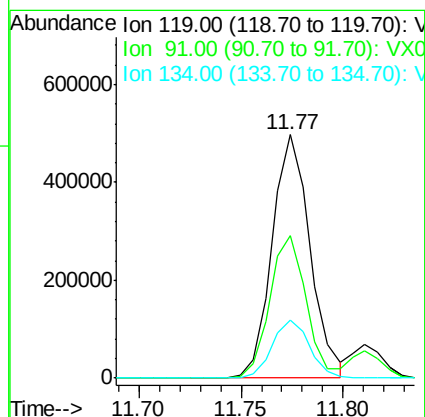
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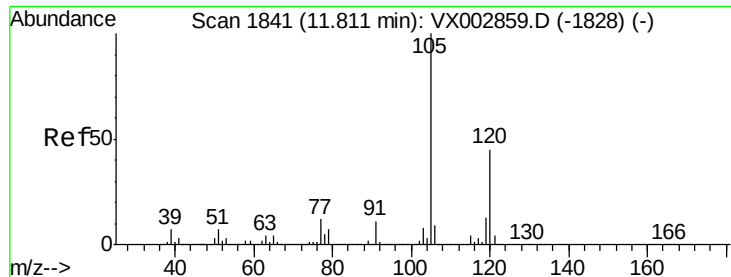
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#83
tert-Butylbenzene
Concen: 52.95 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion: 119 Resp: 645476
Ion Ratio Lower Upper
119 100
91 56.5 30.3 90.9
134 23.5 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 51.10 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

S73-0217MSD

Tot Ion:105 Resp: 654978

Ion Ratio Lower Upper

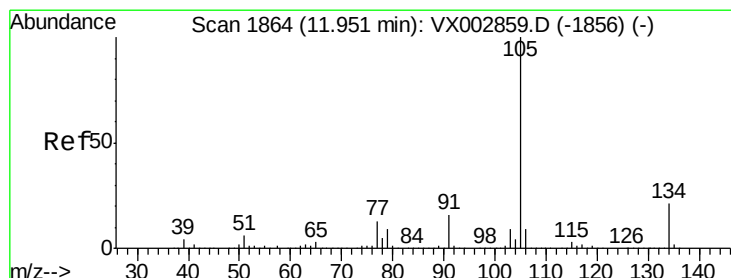
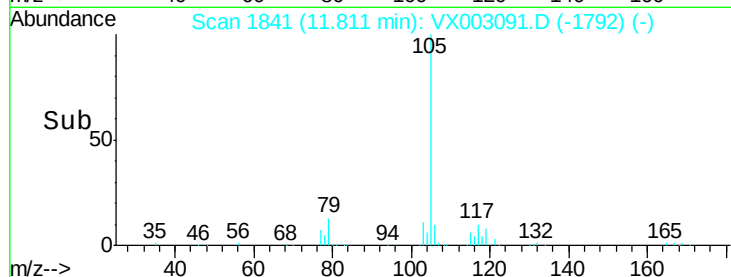
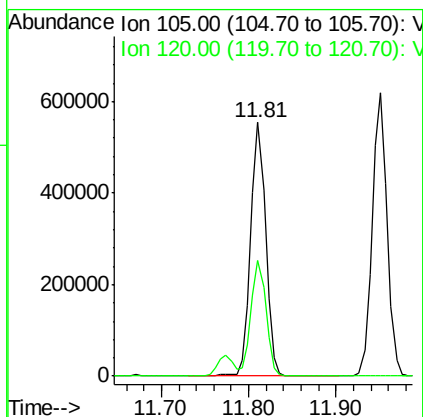
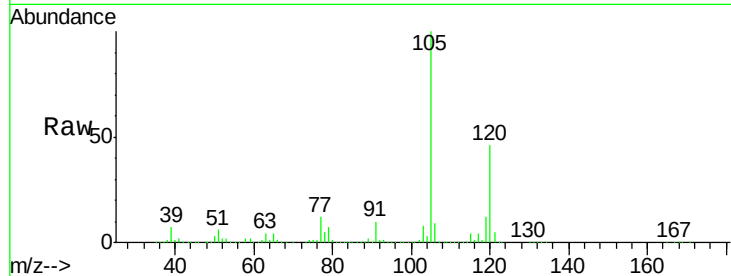
105 100

120 45.6 22.3 66.8

Manual Integrations
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#85

sec-Butylbenzene

Concen: 49.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003091.D

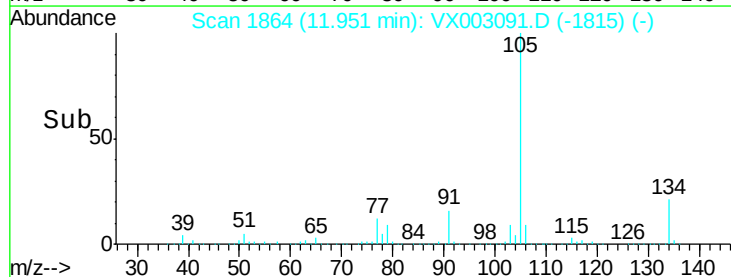
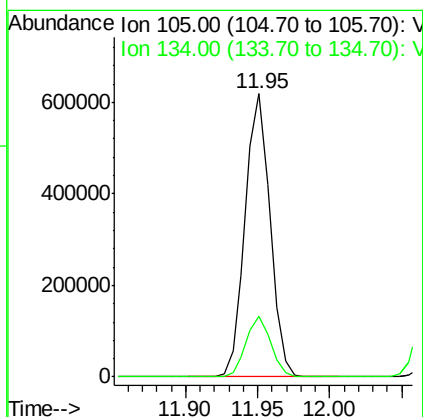
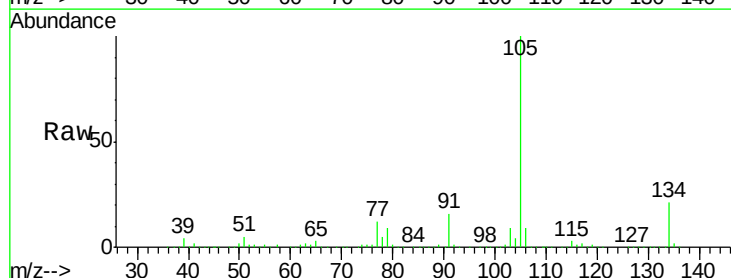
Acq: 30 Jun 2018 20:42

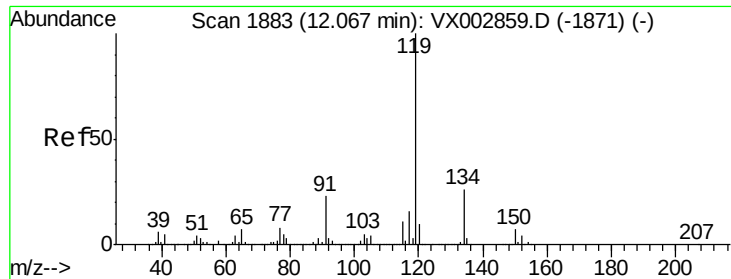
Tgt Ion:105 Resp: 739223

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1





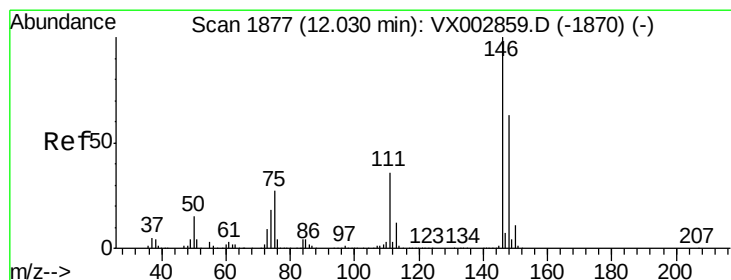
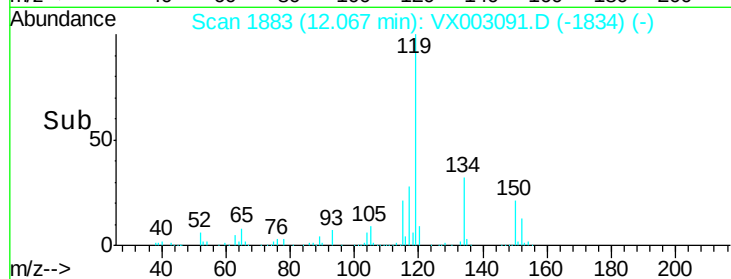
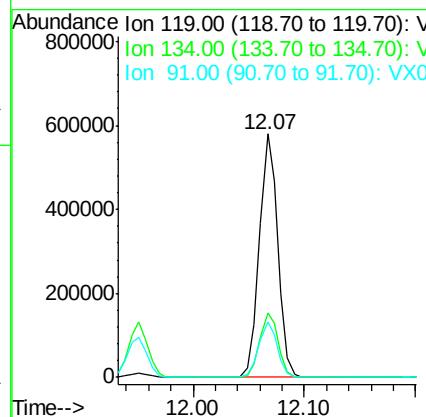
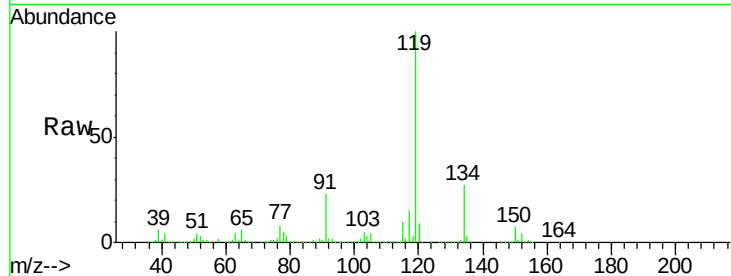
#86
p-Isopropyltoluene
Concen: 50.24 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	667963		
134	26.9		13.4	40.1
91	22.8		11.9	35.7

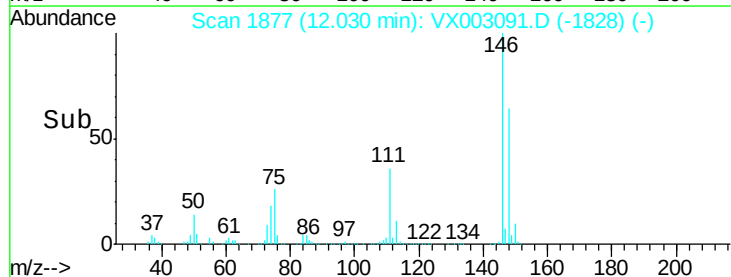
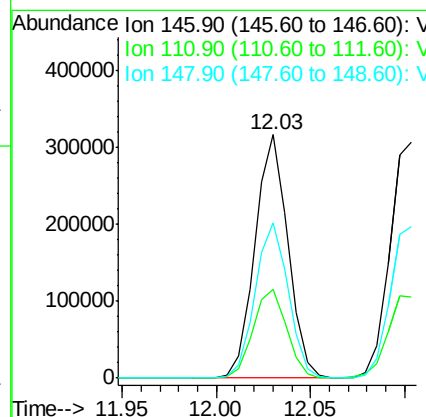
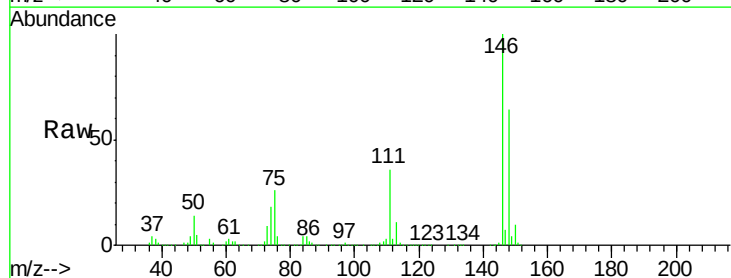
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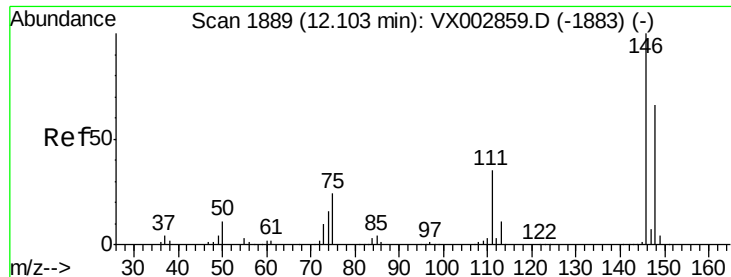
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#87
1,3-Dichlorobenzene
Concen: 50.23 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383740		
111	37.3		18.9	56.7
148	64.3		32.1	96.3





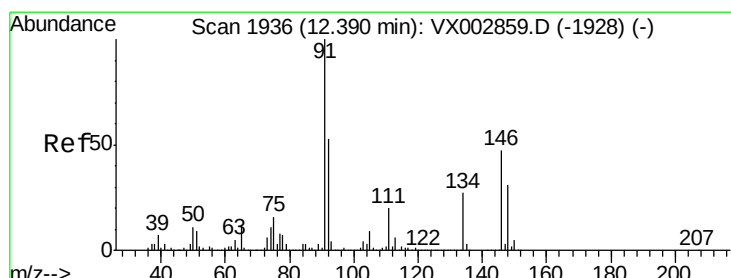
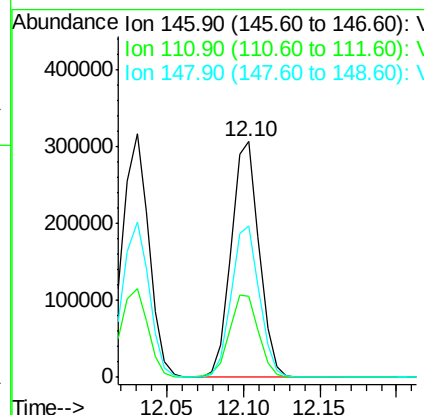
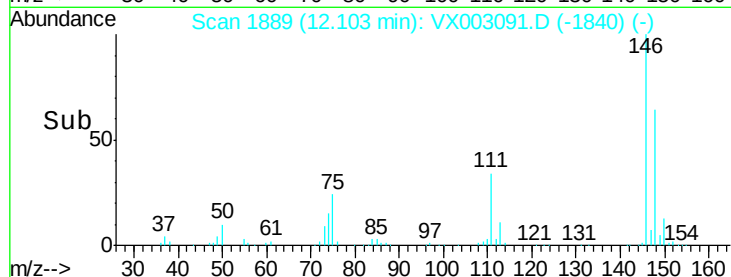
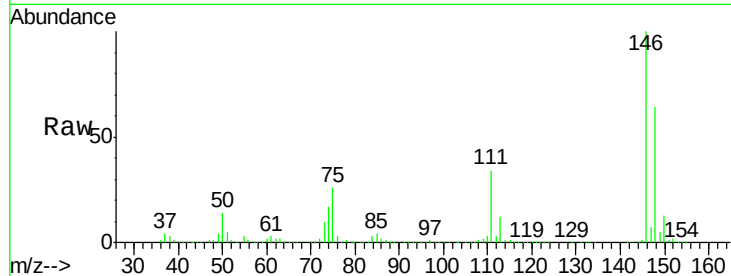
#88
 1,4-Dichlorobenzene
 Concen: 49.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.9	32.4	97.0

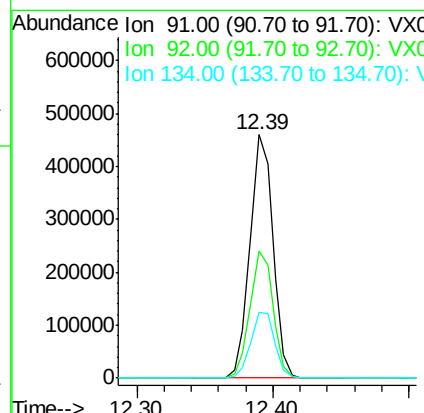
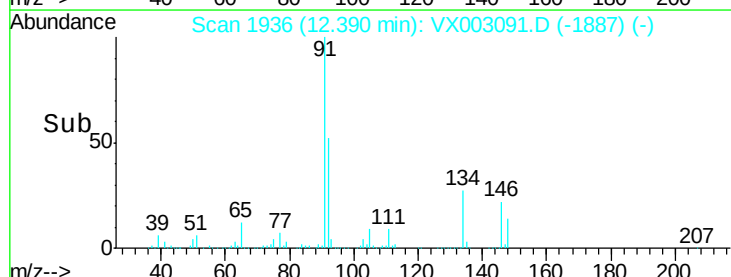
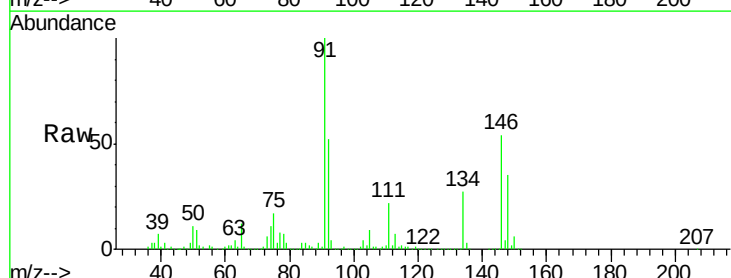
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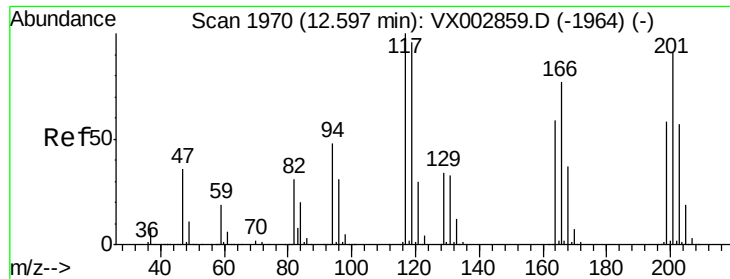
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#89
 n-Butylbenzene
 Concen: 47.30 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	28.2	13.5	40.5





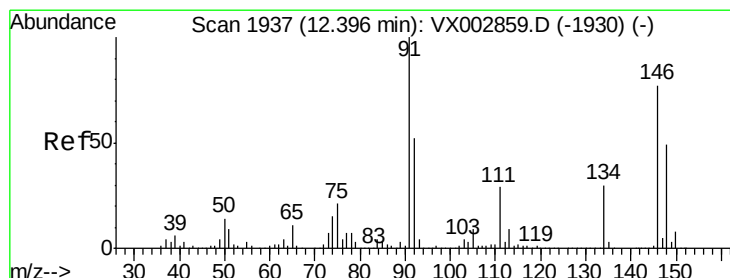
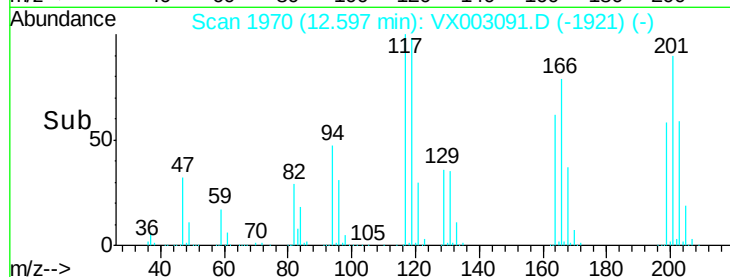
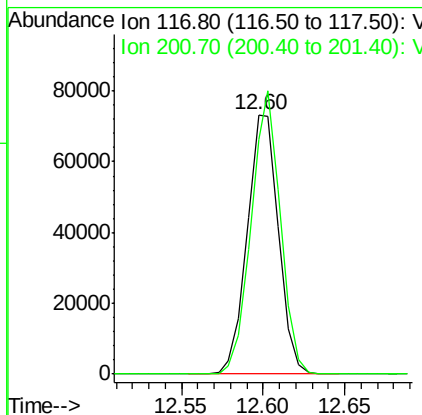
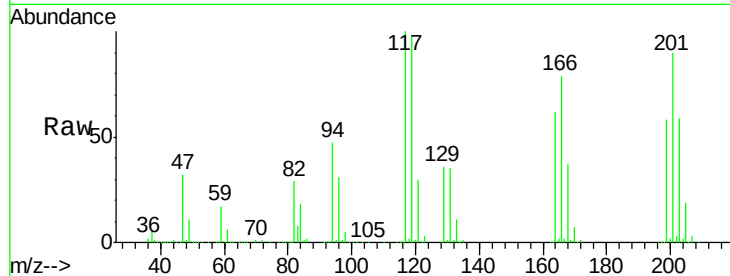
#90
Hexachloroethane
Concen: 49.63 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	98151		
201	101.1	49.0	147.0	

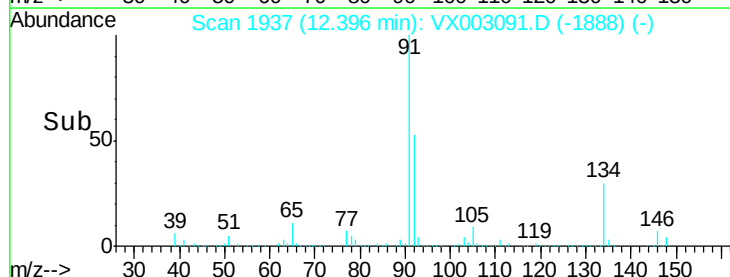
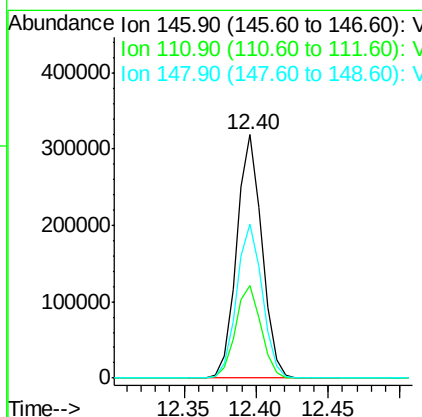
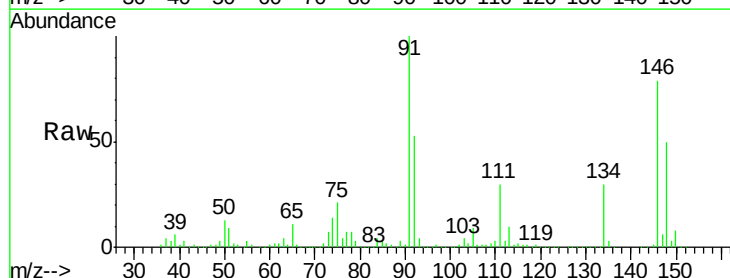
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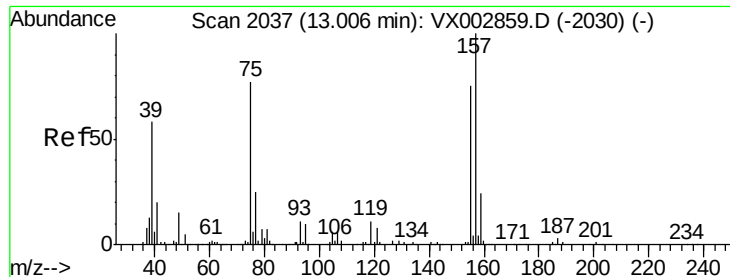
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#91
1,2-Dichlorobenzene
Concen: 50.48 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003091.D
Acq: 30 Jun 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389174		
111	38.7	19.4	58.1	
148	64.4	31.7	95.1	





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.17 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

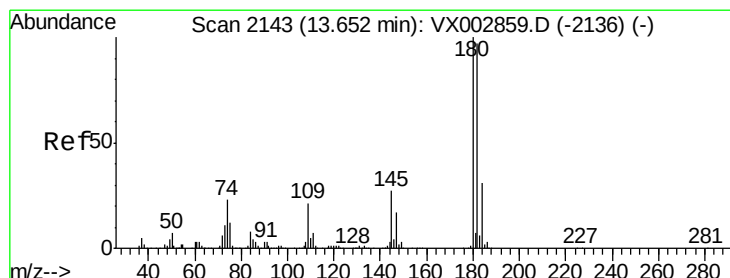
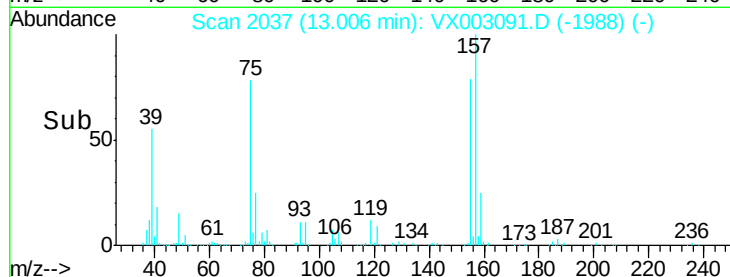
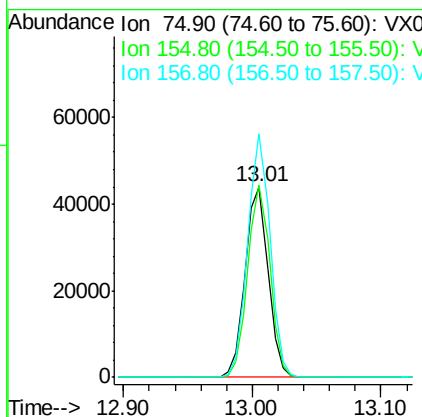
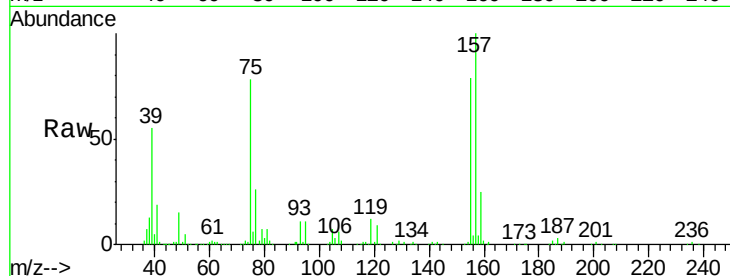
ClientSampled :

S73-0217MSD

Tot Ion:	75	Resp:	54079
Ion	Ratio	Lower	Upper
75	100		
155	97.8	45.8	137.4
157	123.3	60.1	180.3

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#93

1,2,4-Trichlorobenzene

Concen: 50.02 ug/l

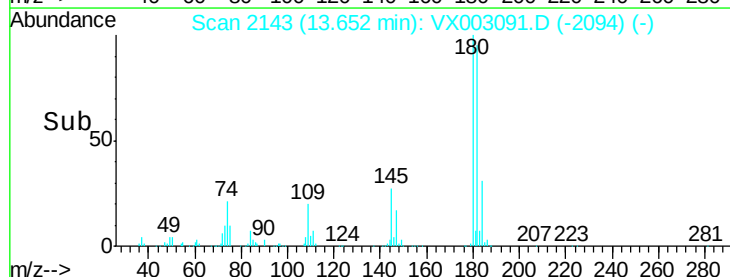
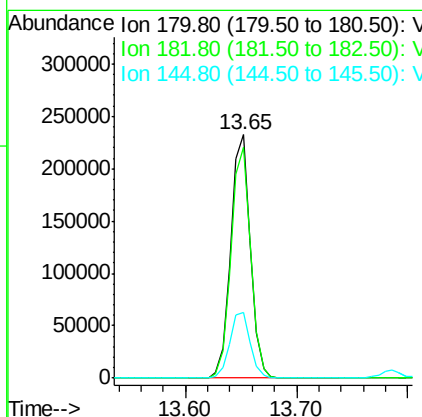
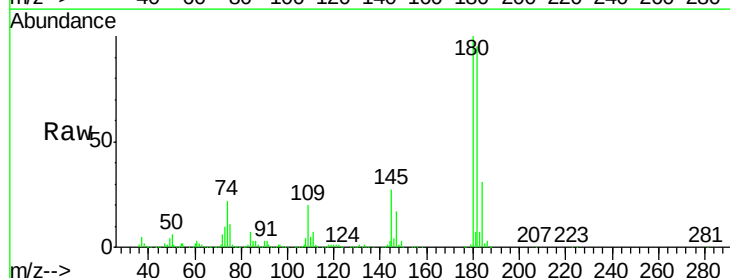
RT: 13.65 min Scan# 2143

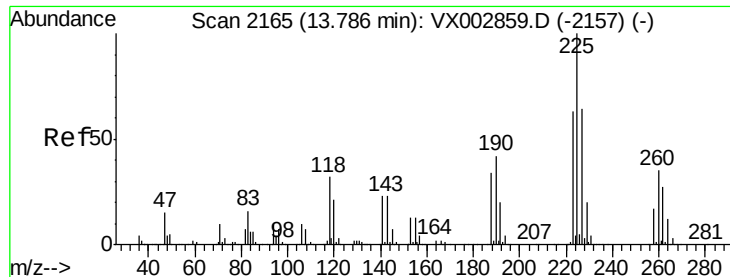
Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Tgt Ion:	180	Resp:	280684
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	28.4	14.1	42.4





#94

Hexachlorobutadiene

Concen: 46.33 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003091.D

Acq: 30 Jun 2018 20:42

Instrument :

MSVOA_X

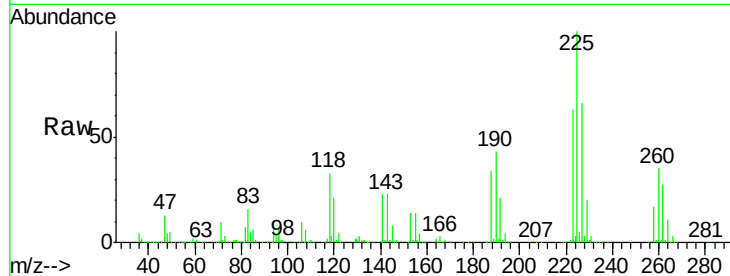
ClientSampleId :

S73-0217MSD

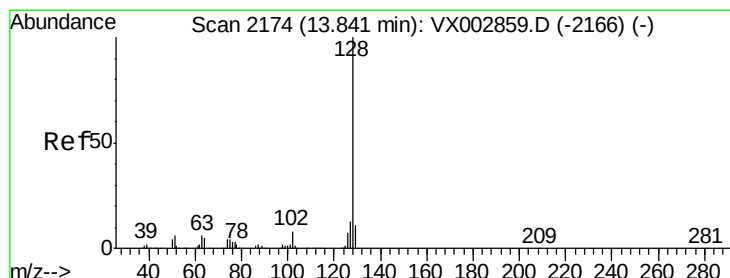
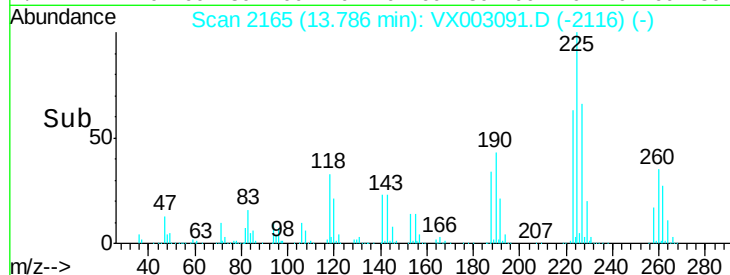
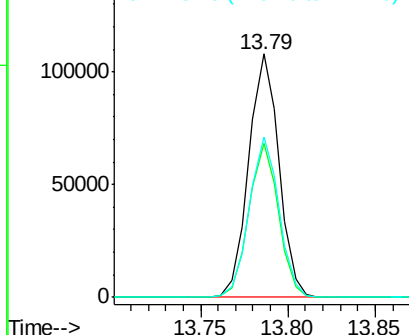
Tot Ion:	225	Resp:	129648
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.6	95.0
227	64.6	32.4	97.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 55.12 ug/l

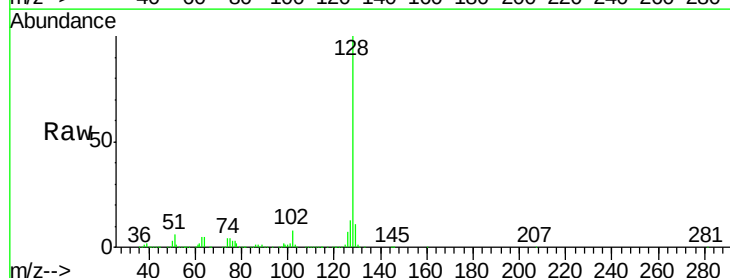
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

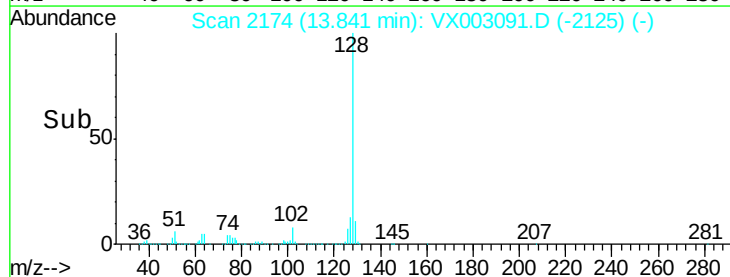
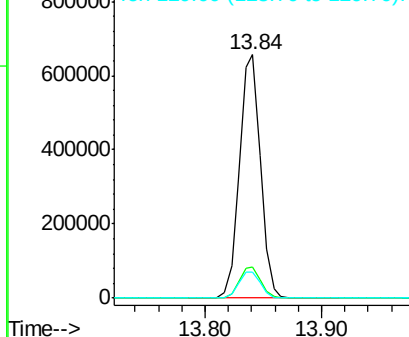
Lab File: VX003091.D

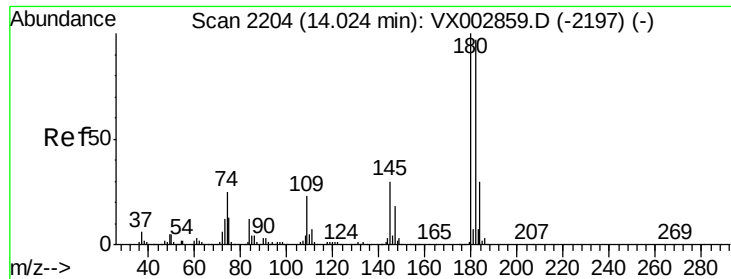
Acq: 30 Jun 2018 20:42

Tgt Ion:	128	Resp:	823774
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.21 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003091.D
 Acq: 30 Jun 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	287005		
182	95.9		48.0	144.0
145	30.4		14.8	44.3

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:20:04 PM

