

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000743.D
 Acq On : 08 Apr 2018 20:19
 Operator : JC/MD
 Sample : J2190-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Manual Integrations
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 4/9/2018 2:03:25 PM

Quant Time: Apr 09 08:26:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	310795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171472	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	145477	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.73	98	534448	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.15	95	214596	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132452	47.32	ug/l	98
3) Chloromethane	1.32	50	90123	40.22	ug/l	97
4) Vinyl Chloride	1.41	62	111731	44.18	ug/l	97
5) Bromomethane	1.64	94	18914	10.72	ug/l	97
6) Chloroethane	1.73	64	84623	54.52	ug/l	99
7) Trichlorofluoromethane	1.93	101	195614	47.23	ug/l	100
8) Diethyl Ether	2.19	74	76129	53.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114567	47.23	ug/l	98
10) Methyl Iodide	2.51	142	12304	9.56	ug/l	97
11) Tert butyl alcohol	3.07	59	125233	207.07	ug/l	100
12) 1,1-Dichloroethene	2.38	96	105702	48.53	ug/l	99
13) Acrolein	2.30	56	61301	231.59	ug/l	100
14) Allyl chloride	2.73	41	201003	45.65	ug/l	99
15) Acrylonitrile	3.15	53	303794	239.66	ug/l	100
16) Acetone	2.45	43	247078	221.62	ug/l	99
17) Carbon Disulfide	2.57	76	246272	50.79	ug/l	99
18) Methyl Acetate	2.78	43	155196	46.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	399647	49.35	ug/l	100
20) Methylene Chloride	2.86	84	118886	49.74	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114451	49.15	ug/l	100
22) Diisopropyl ether	3.88	45	420081	48.68	ug/l	98
23) Vinyl Acetate	3.83	43	1695562	232.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	229228	50.75	ug/l	99
25) 2-Butanone	4.71	43	443666	227.47	ug/l	98
26) 2,2-Dichloropropane	4.59	77	198579	43.20	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	144431	48.51	ug/l	97
28) Bromochloromethane	5.03	49	100154	56.52	ug/l	97
29) Tetrahydrofuran	5.17	42	281300	226.64	ug/l	98
30) Chloroform	5.23	83	242096	49.30	ug/l	100
31) Cyclohexane	5.59	56	182525	51.04	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	227423	48.60	ug/l	99
36) 1,1-Dichloropropene	5.81	75	171630	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	171179	42.10	ug/l	99
38) Carbon Tetrachloride	5.79	117	206448	46.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	191457	47.96	ug/l	97
40) Benzene	6.15	78	505669	47.73	ug/l	99
41) Methacrylonitrile	5.07	41	105524	44.80	ug/l	98
42) 1,2-Dichloroethane	6.21	62	195212	46.71	ug/l	99
43) Isopropyl Acetate	6.48	43	309149	43.66	ug/l	99
44) Trichloroethene	7.22	130	157704	48.98	ug/l	96
45) 1,2-Dichloropropane	7.52	63	135136	47.57	ug/l	98
46) Dibromomethane	7.67	93	92158	46.74	ug/l	97
47) Bromodichloromethane	7.91	83	195598	47.94	ug/l	99
48) Methyl methacrylate	7.79	41	161757	45.41	ug/l	98
49) 1,4-Dioxane	7.76	88	52629	744.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	930862	226.91	ug/l	99
52) Toluene	8.79	92	335937	47.56	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	225315	46.41	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	221531	45.95	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	137911	47.99	ug/l	98
56) Ethyl methacrylate	9.19	69	213904	46.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223229	47.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.26	63	2069	0.96	ug/l #	45
59) 2-Hexanone	9.51	43	697853	222.88	ug/l	99
60) Dibromochloromethane	9.59	129	172850	48.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	145059	47.01	ug/l	99
64) Tetrachloroethene	9.34	164	145466	45.19	ug/l	98
65) Chlorobenzene	10.15	112	403824	47.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	158291	47.97	ug/l	100
67) Ethyl Benzene	10.26	91	672000	47.41	ug/l	99
68) m/p-Xylenes	10.37	106	527539	95.12	ug/l	99
69) o-Xylene	10.71	106	257260	47.27	ug/l	100
70) Styrene	10.72	104	436613	47.49	ug/l	99
71) Bromoform	10.87	173	149473	47.84	ug/l #	99
73) Isopropylbenzene	11.02	105	701637	47.92	ug/l	100
74) N-amyl acetate	6.48	43	309149	43.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	207488	47.67	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	190653m	45.75	ug/l	
77) Bromobenzene	11.26	156	203217	48.94	ug/l	98
78) n-propylbenzene	11.37	91	790152	47.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	468525	46.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	597247	47.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62782	39.22	ug/l	93
82) 4-Chlorotoluene	11.52	91	562947	46.89	ug/l	100
83) tert-Butylbenzene	11.78	119	634004	48.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	621102	47.30	ug/l	100
85) sec-Butylbenzene	11.95	105	722035	47.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	675729	47.50	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	372107	47.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380705	47.73	ug/l	99
89) n-Butylbenzene	12.40	91	577416	45.44	ug/l	100
90) Hexachloroethane	12.60	117	117052	45.32	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	366680	48.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49456	43.24	ug/l	92

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QLast Update : Sat Apr 07 17:01:21 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307103	47.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	144009	45.25	ug/l	100
95) Naphthalene	13.84	128	822319	48.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	303144	48.62	ug/l	99

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

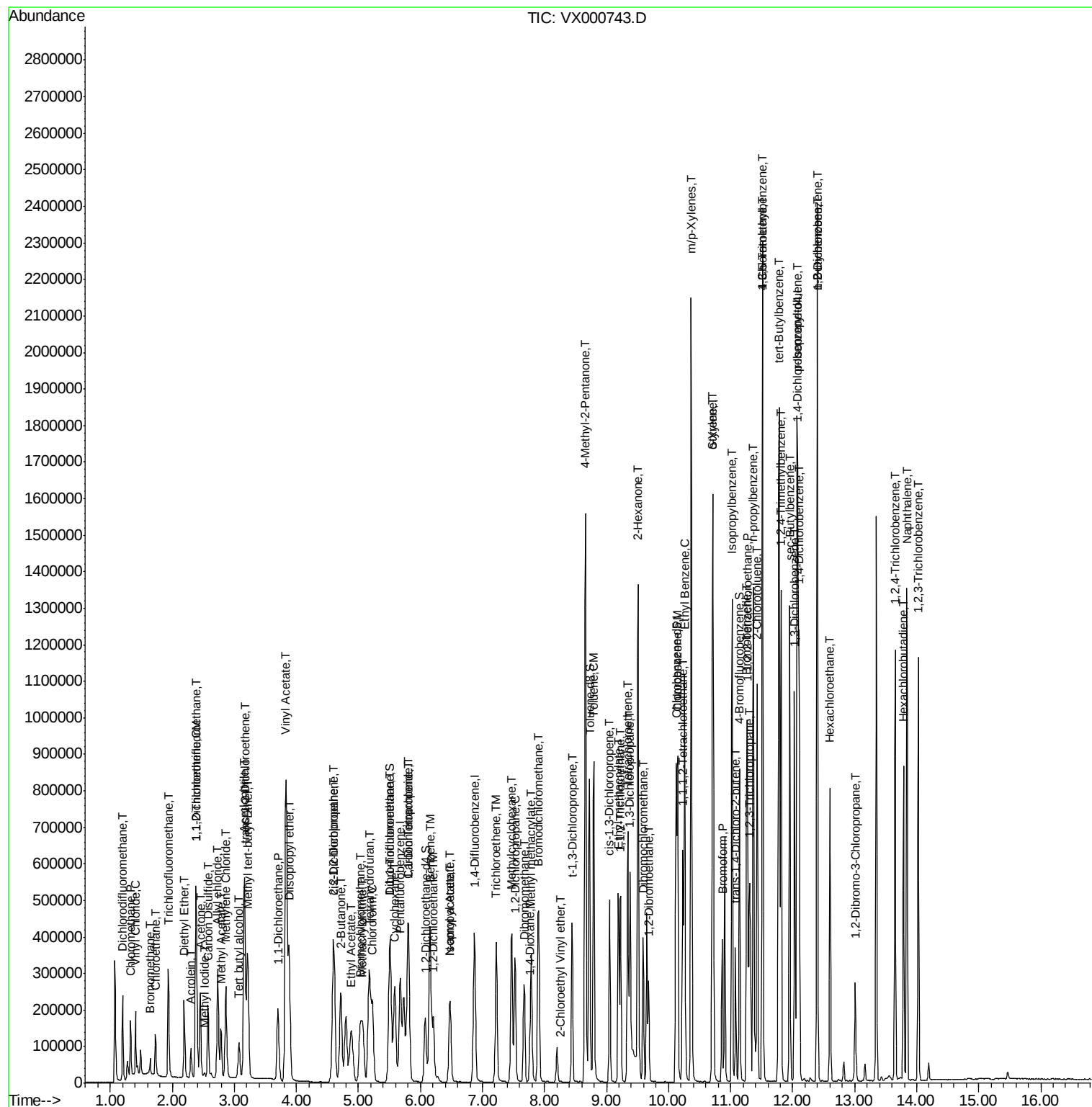
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
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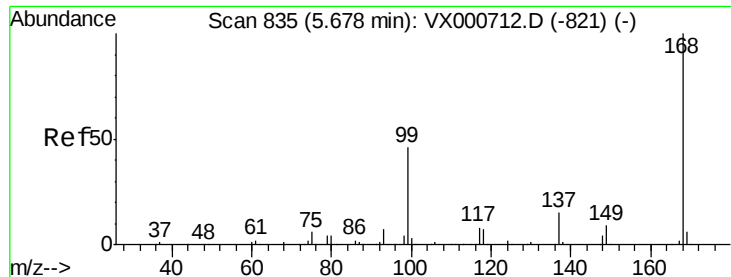
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion:168 Resp: 310795

Ion Ratio Lower Upper

168 100

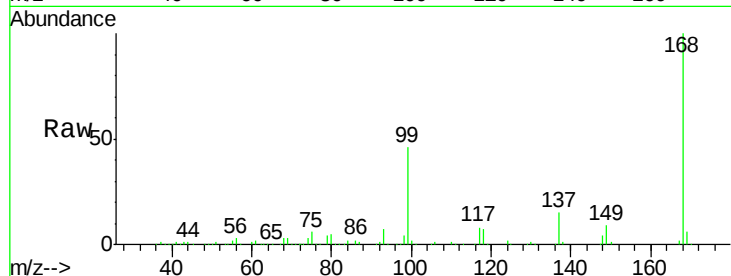
99 45.8 37.2 55.8

Manual Integrations

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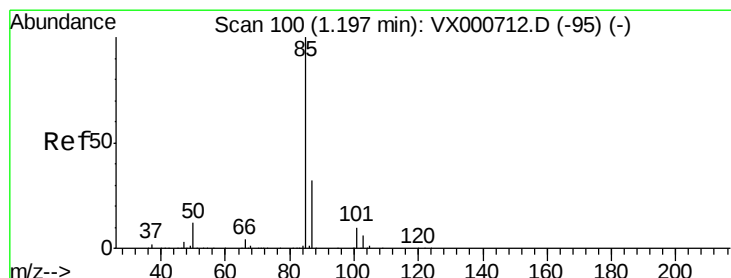
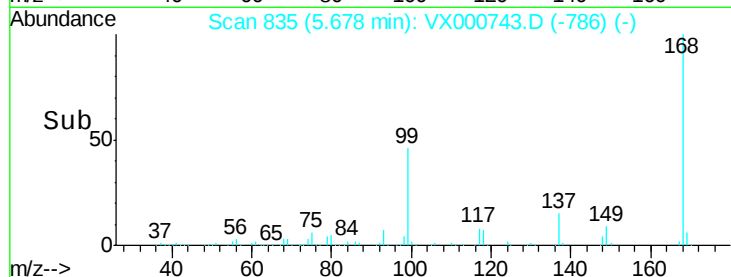


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 47.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000743.D

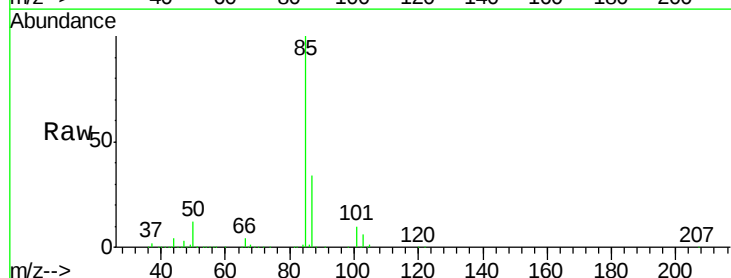
Acq: 08 Apr 2018 20:19

Tgt Ion: 85 Resp: 132452

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.6

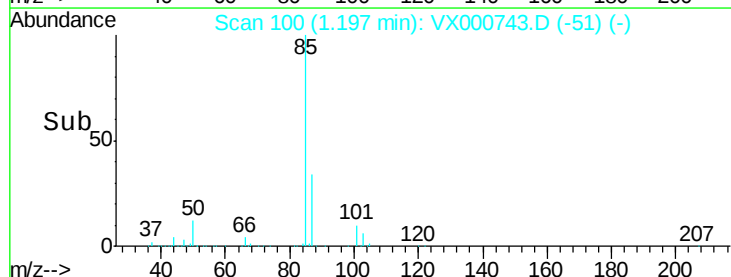


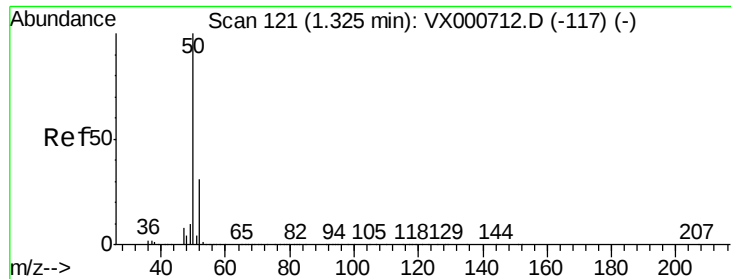
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 40.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 50 Resp: 90123

Ion Ratio Lower Upper

50 100

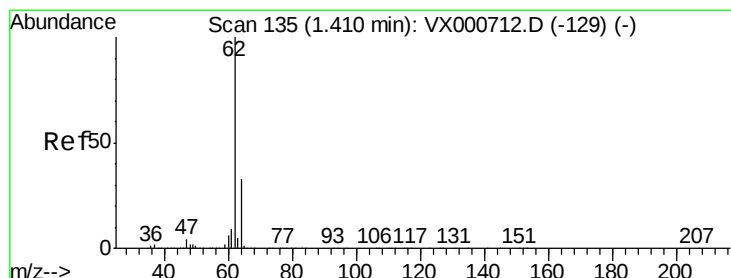
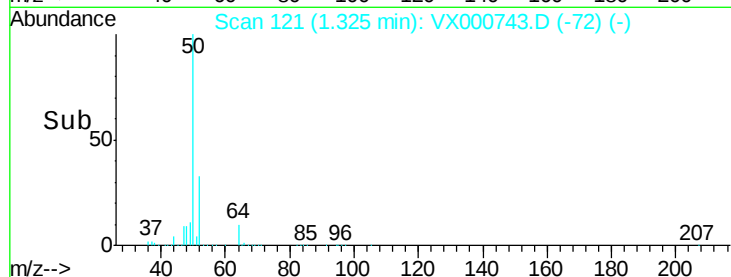
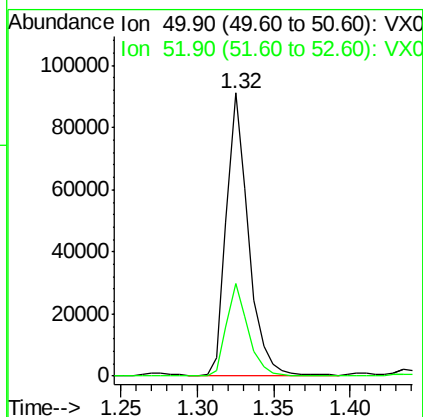
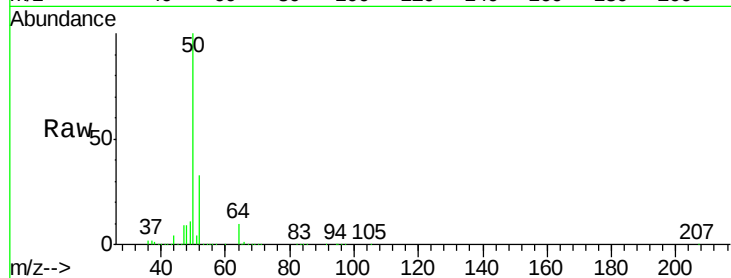
52 32.8 24.9 37.3

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#4

Vinyl Chloride

Concen: 44.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000743.D

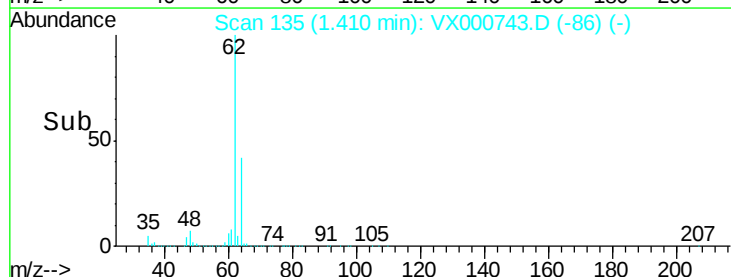
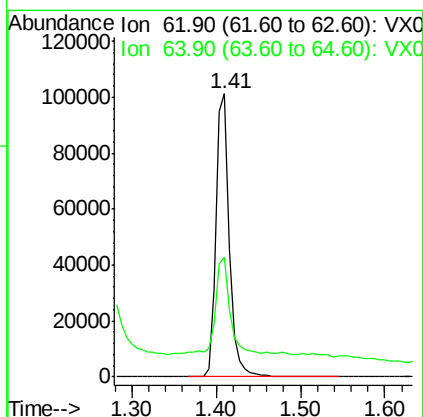
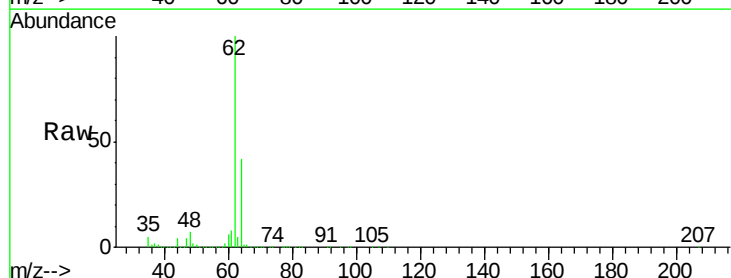
Acq: 08 Apr 2018 20:19

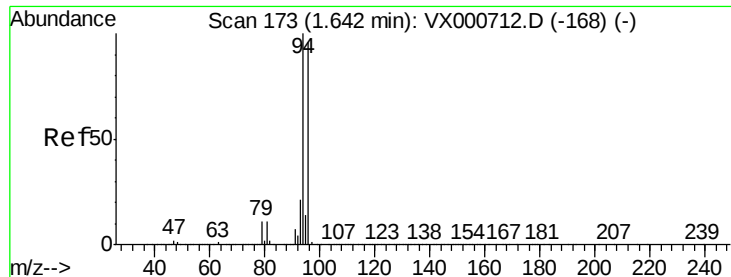
Tgt Ion: 62 Resp: 111731

Ion Ratio Lower Upper

62 100

64 34.6 26.2 39.2





#5

Bromomethane

Concen: 10.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 94 Resp: 18914

Ion Ratio Lower Upper

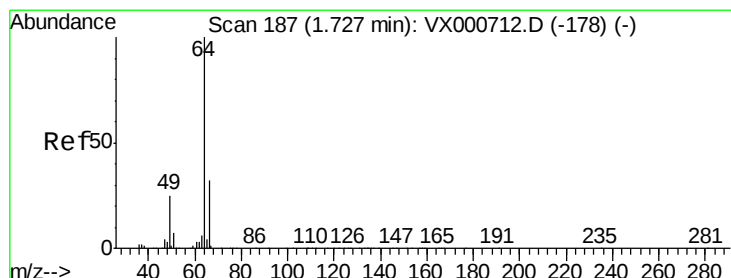
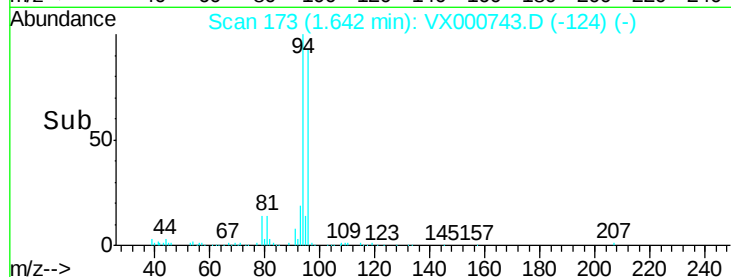
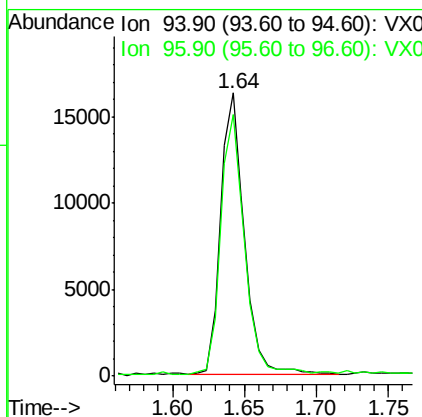
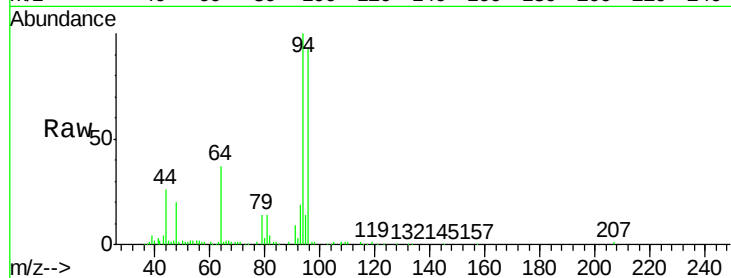
94 100

96 92.5 76.5 114.7

Manual Integrations
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#6

Chloroethane

Concen: 54.52 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000743.D

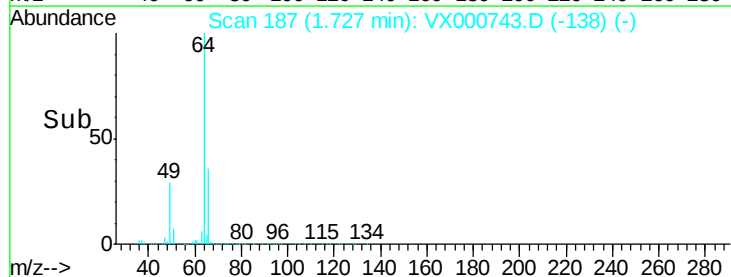
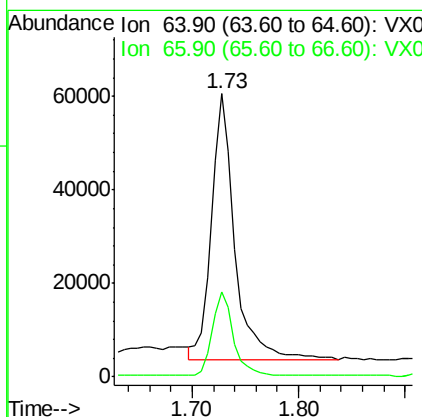
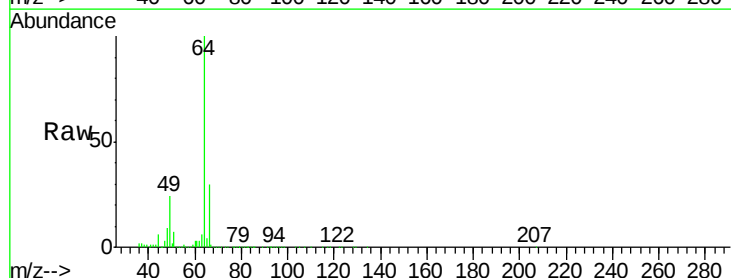
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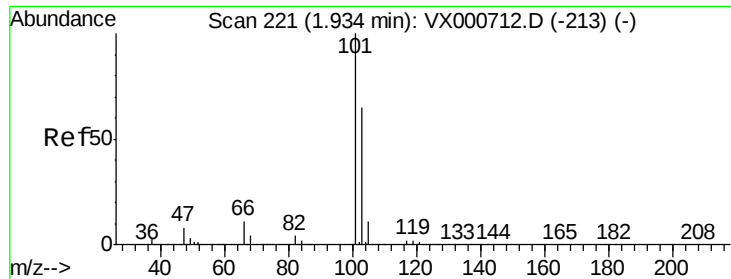
Tgt Ion: 64 Resp: 84623

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2





#7

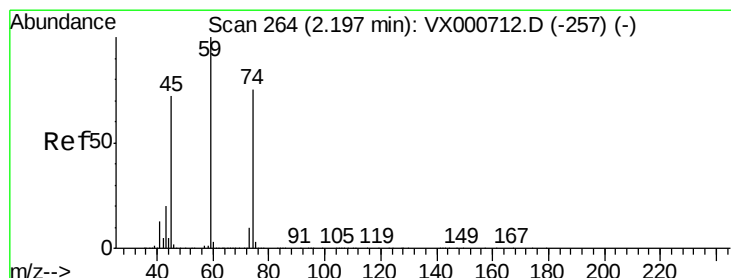
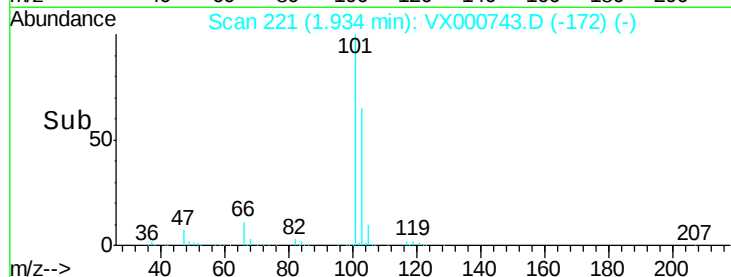
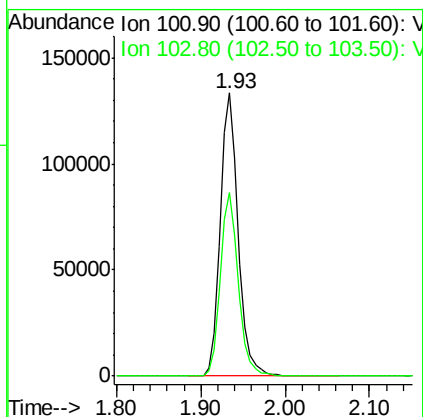
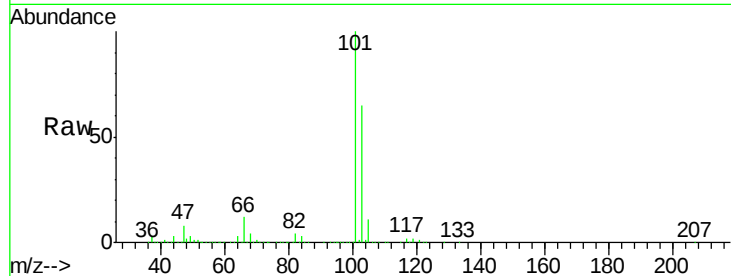
Trichlorofluoromethane
Concen: 47.23 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

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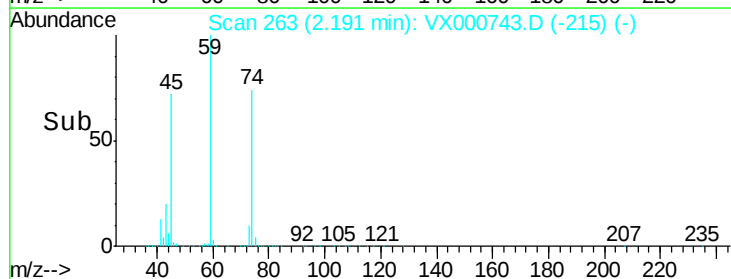
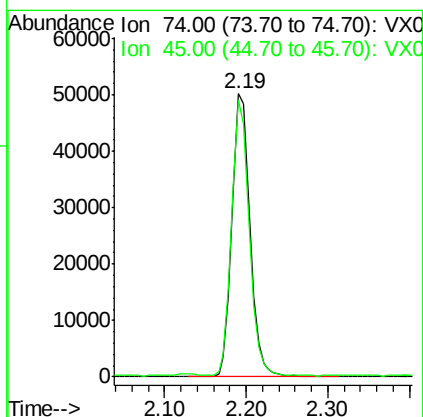
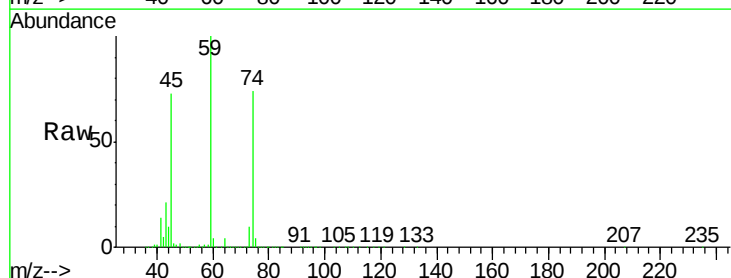
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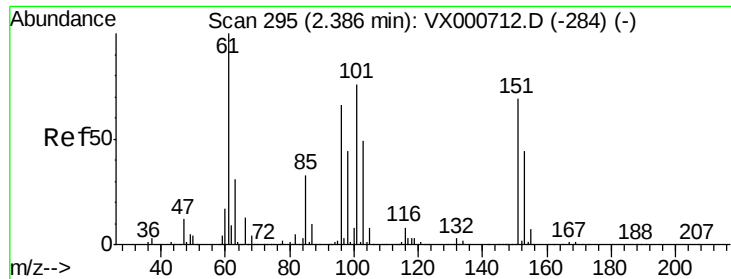


#8

Diethyl Ether
Concen: 53.36 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

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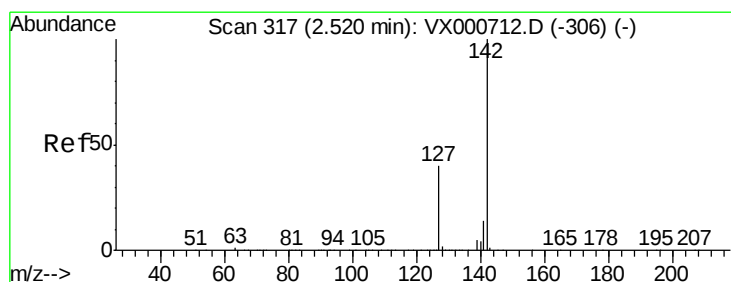
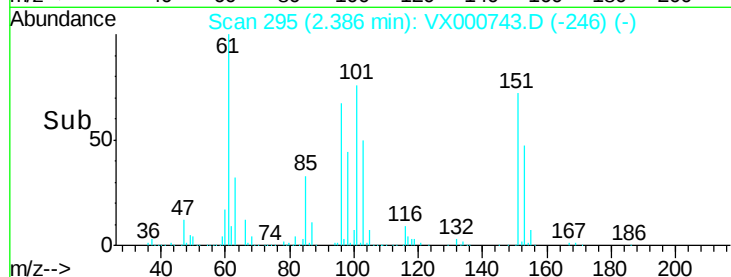
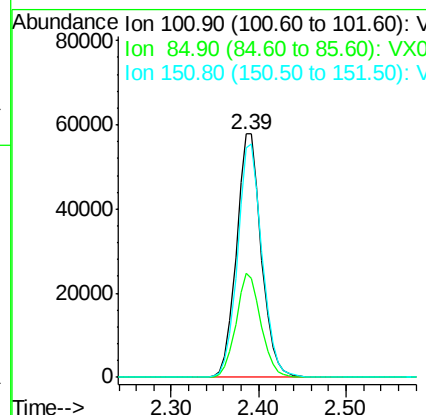
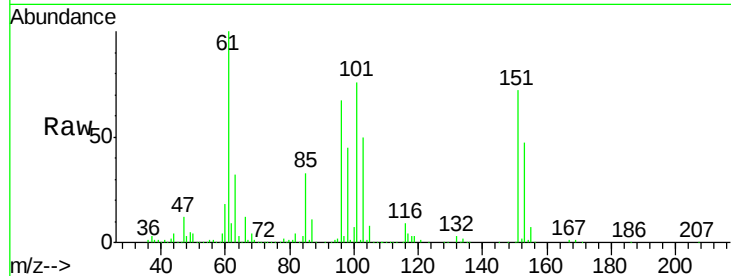
ClientSampleId :

MW-19-040218MS

Tot Ion:	101	Resp:	114567
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.3	51.5
151	94.7	73.8	110.8

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#10

Methyl Iodide

Concen: 9.56 ug/l

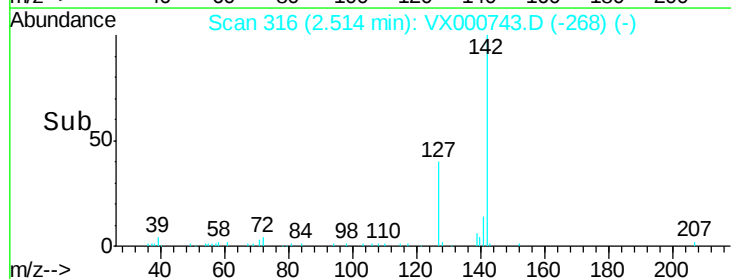
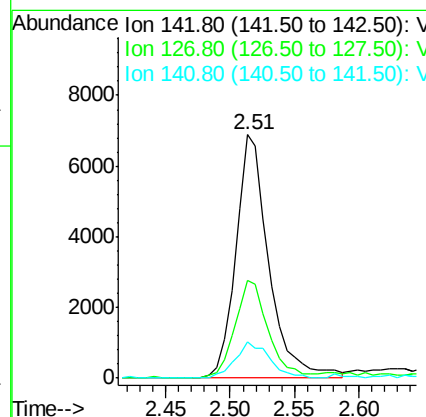
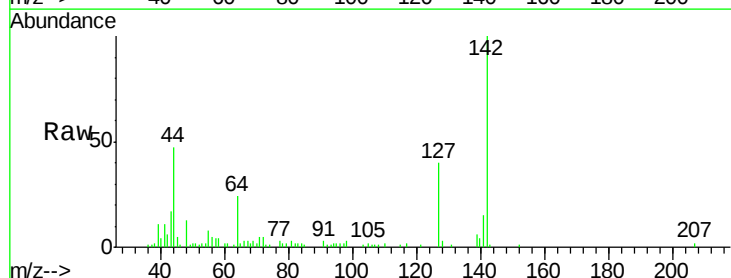
RT: 2.51 min Scan# 316

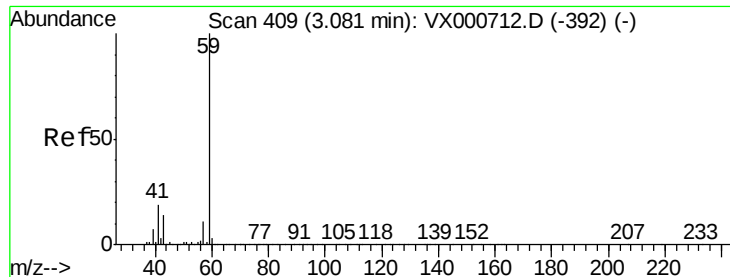
Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	142	Resp:	12304
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.9	50.9
141	15.3	11.4	17.0





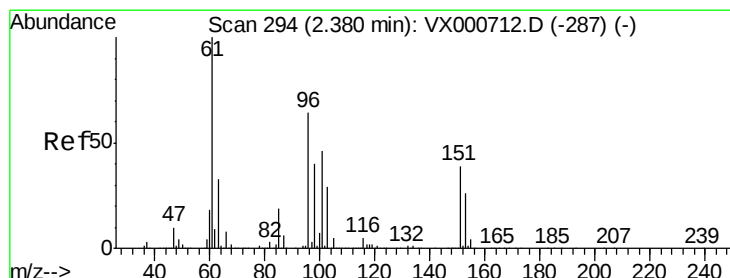
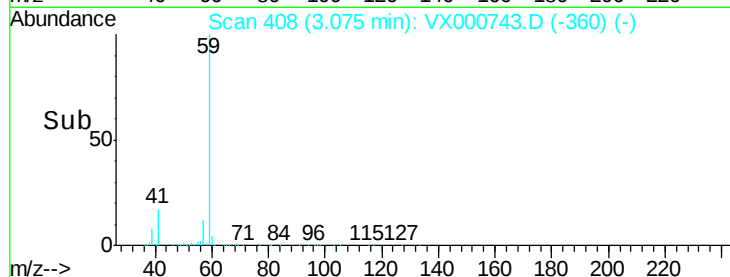
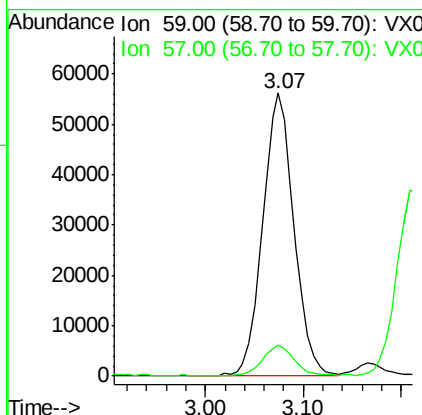
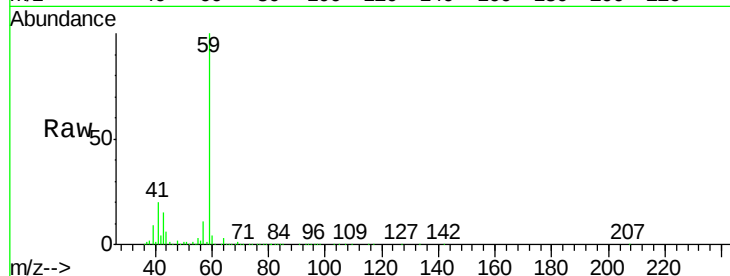
#11
Tert butyl alcohol
Concen: 207.07 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion: 59 Resp: 125233
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

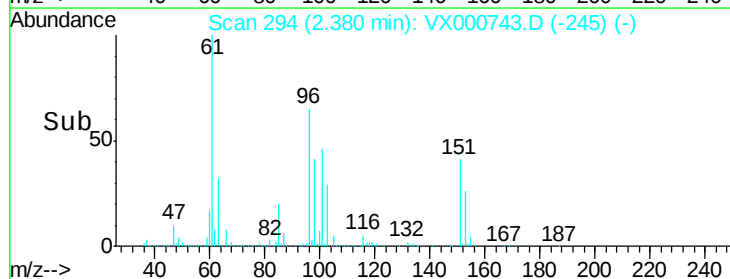
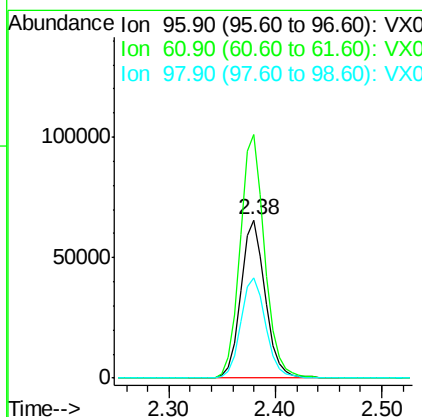
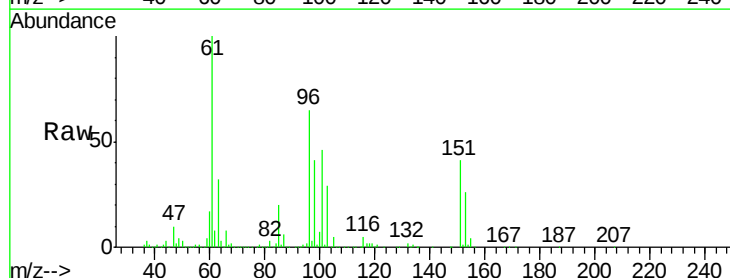
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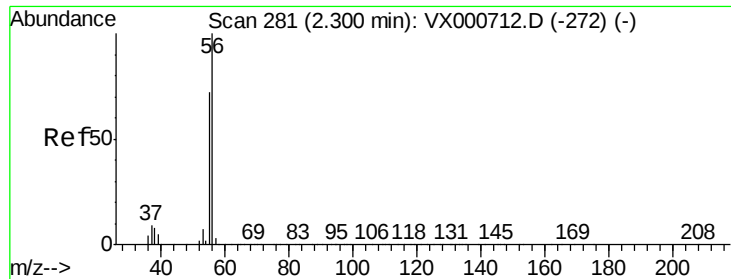
sam
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#12
1,1-Dichloroethene
Concen: 48.53 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 96 Resp: 105702
Ion Ratio Lower Upper
96 100
61 154.4 125.0 187.4
98 63.7 50.5 75.7





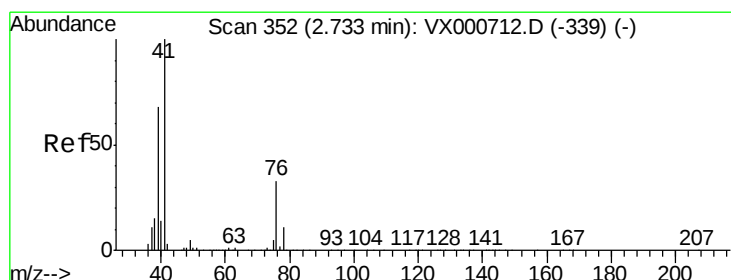
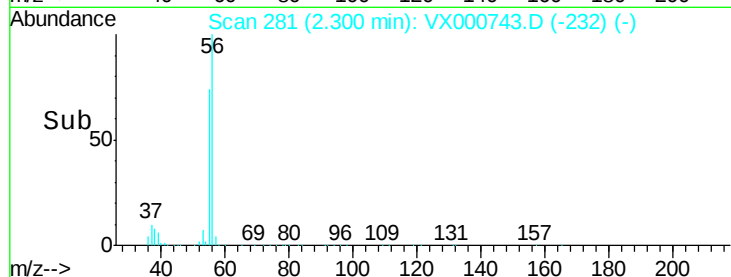
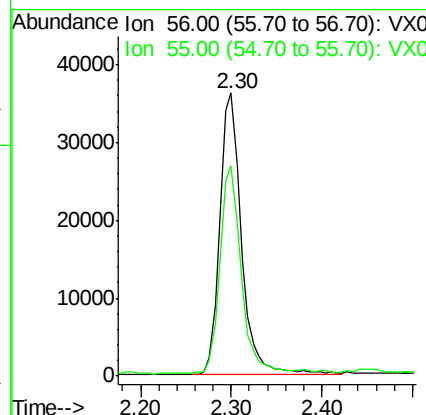
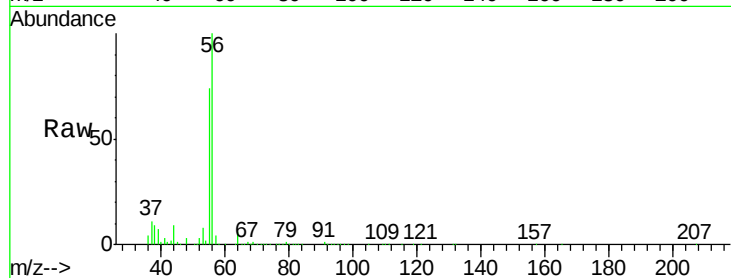
#13
Acrolein
Concen: 231.59 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.5	57.4	86.2

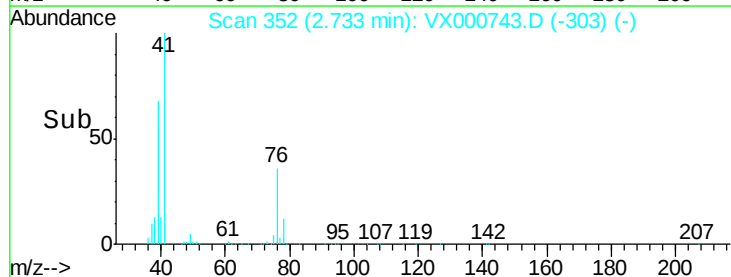
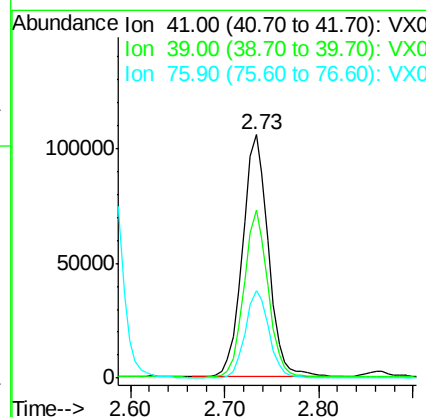
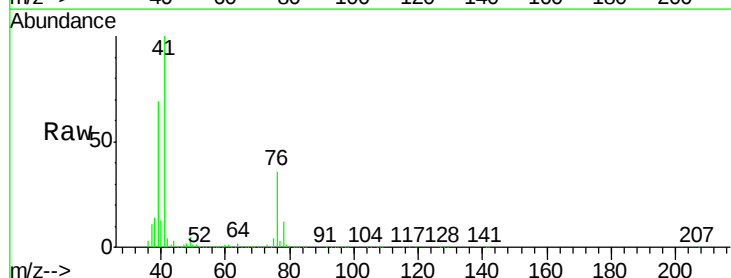
Manual Integrations
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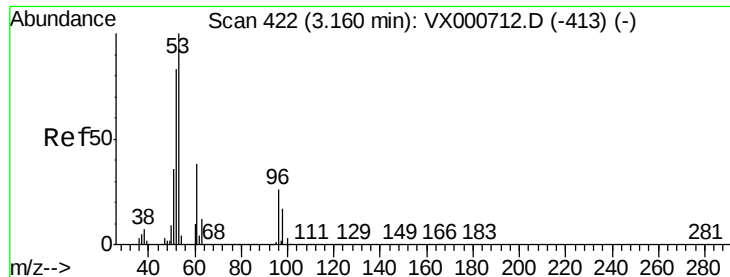
sam
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#14
Allyl chloride
Concen: 45.65 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.4	52.4	78.6
76	76	33.3	25.9	38.9





#15

Acrylonitrile

Concen: 239.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

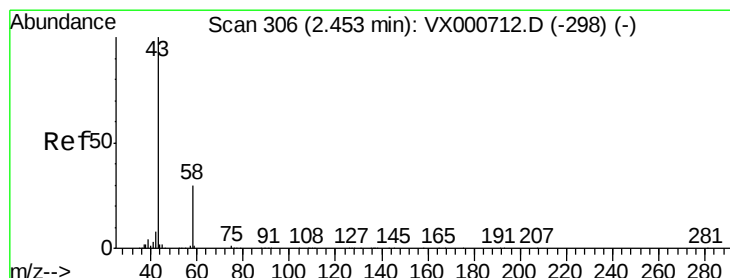
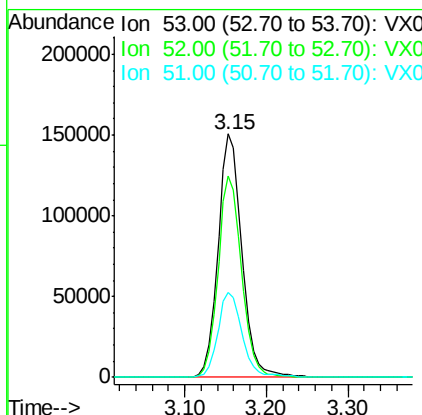
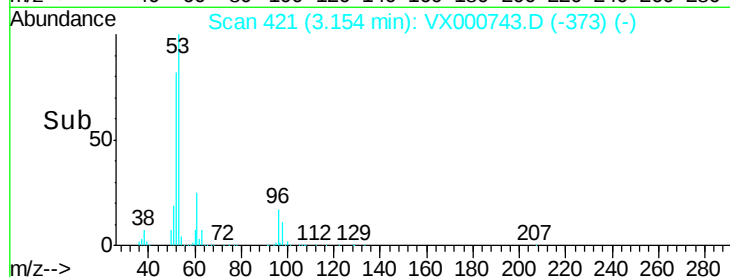
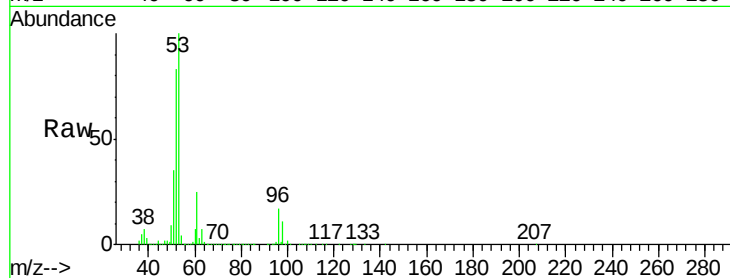
ClientSampleId :

MW-19-040218MS

Tot Ion:	53	Resp:	303794
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	35.9	29.1	43.7

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#16

Acetone

Concen: 221.62 ug/l

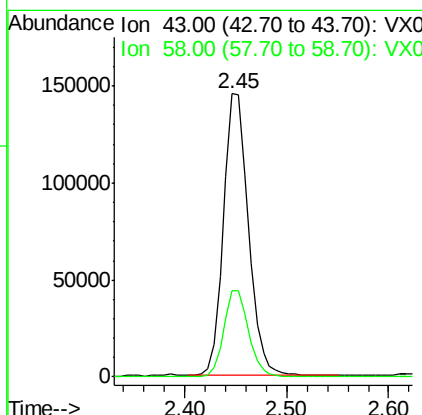
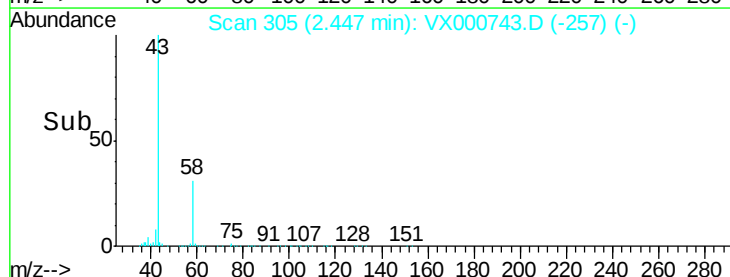
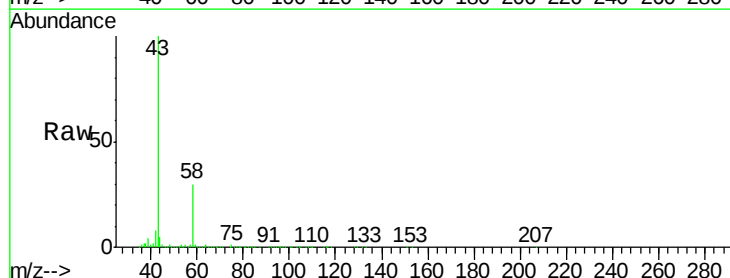
RT: 2.45 min Scan# 305

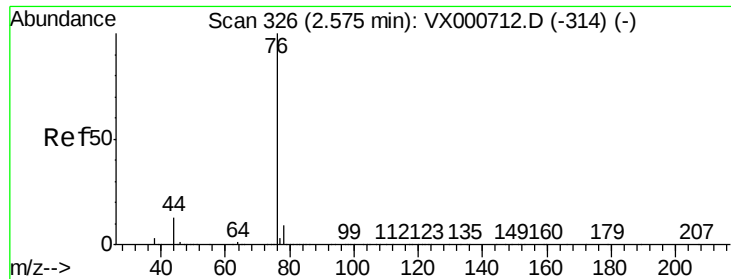
Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	43	Resp:	247078
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.0	36.0





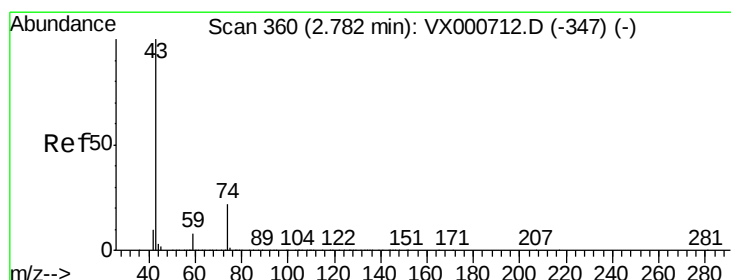
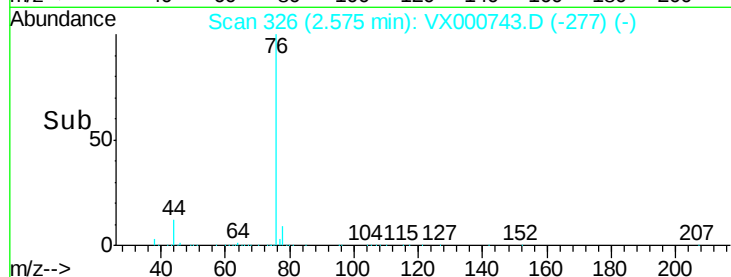
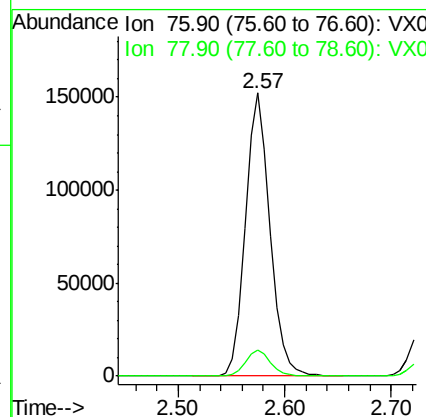
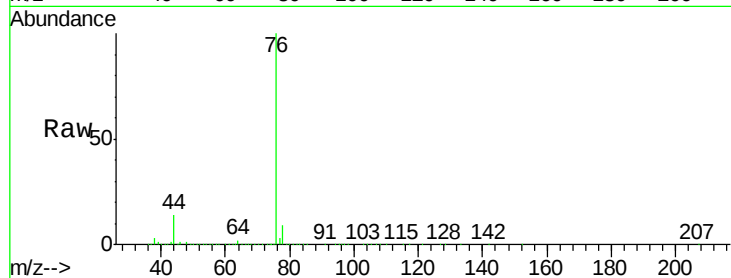
#17
Carbon Disulfide
Concen: 50.79 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

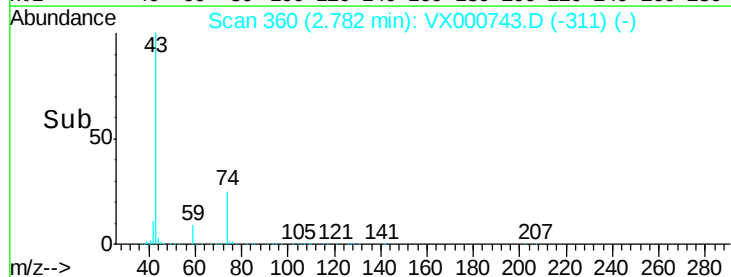
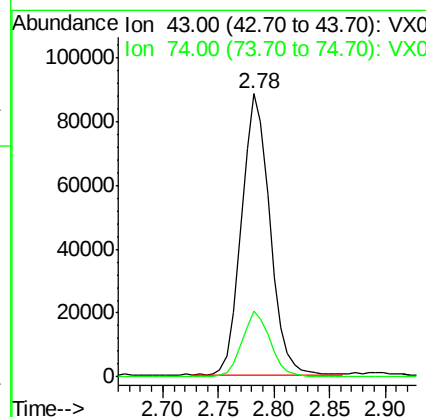
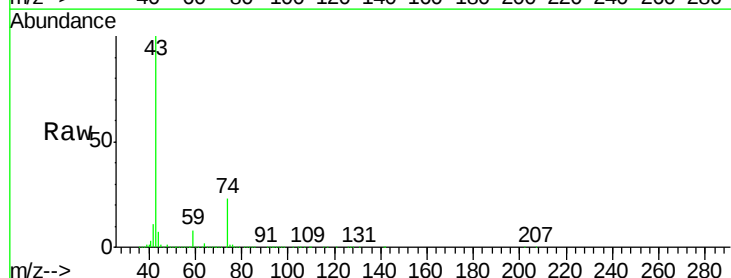
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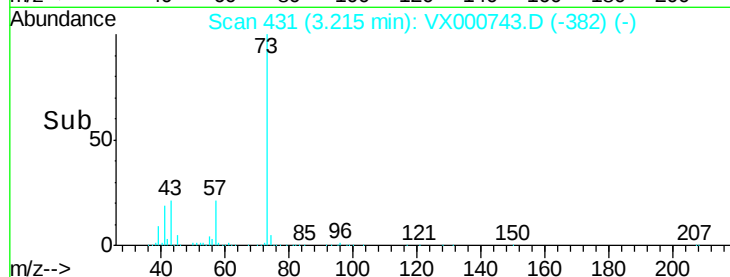
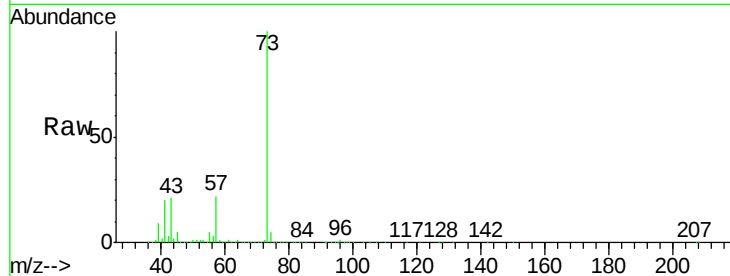
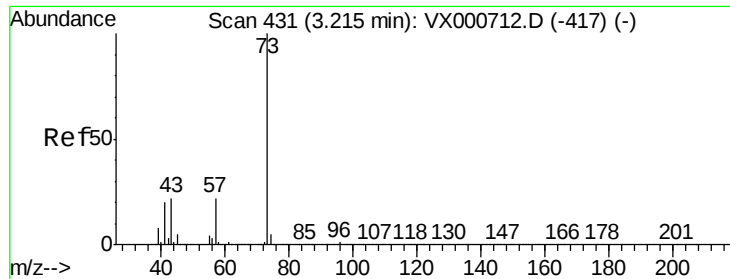
sam
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#18
Methyl Acetate
Concen: 46.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.6





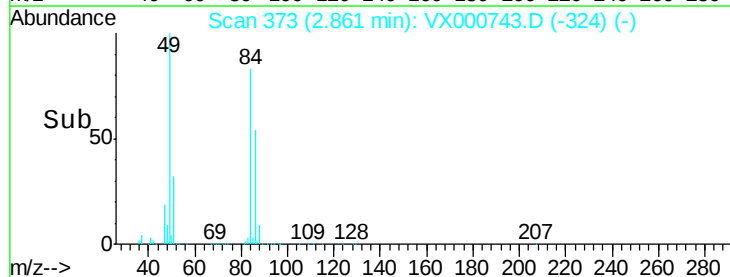
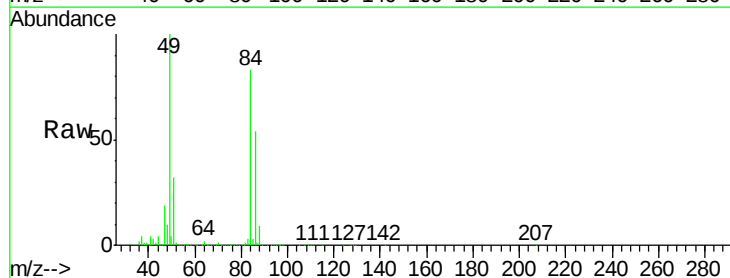
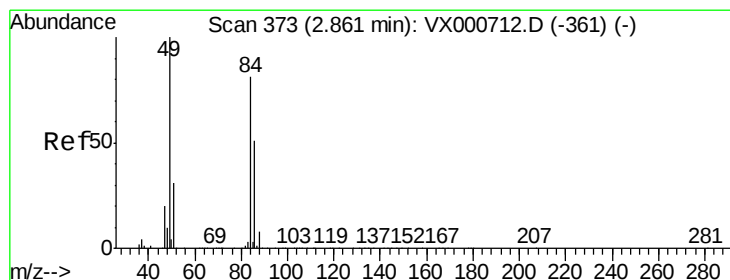
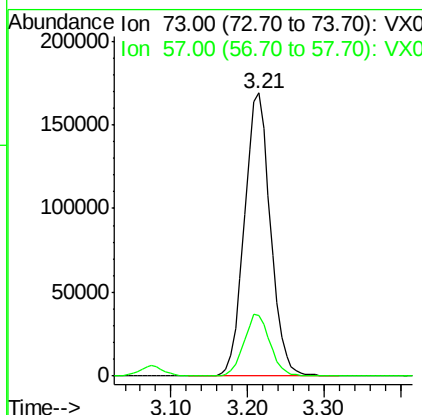
#19
Methvl tert-butvl Ether
Concen: 49.35 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

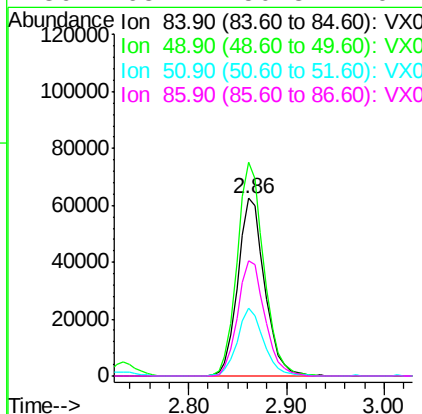
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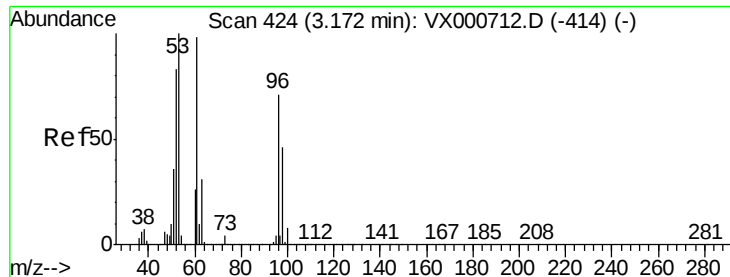
sam
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#20
Methylene Chloride
Concen: 49.74 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	98.6	148.0
51	38.2	30.8	46.2
86	65.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.15 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

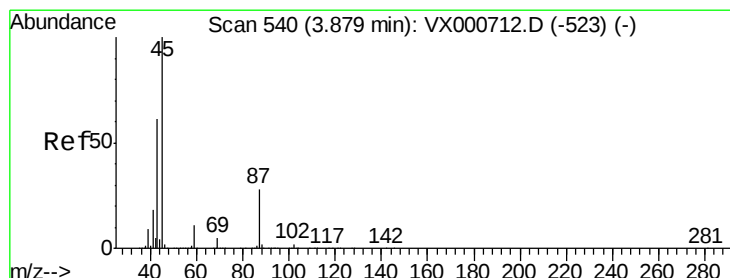
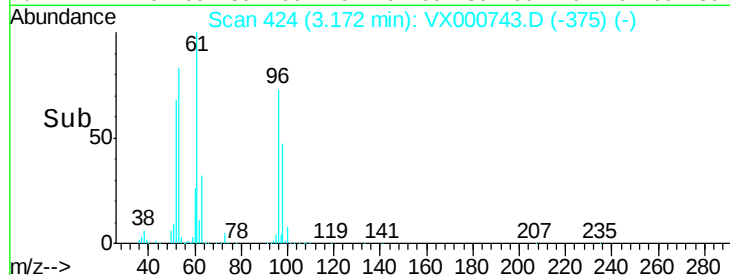
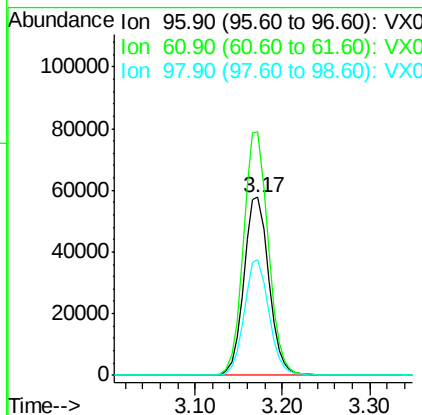
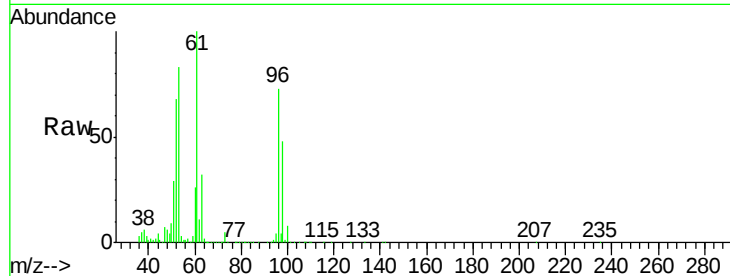
ClientSampled :

MW-19-040218MS

Tot Ion:	96	Resp:	114451
Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.8	164.6
98	65.0	51.5	77.3

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#22

Diisopropyl ether

Concen: 48.68 ug/l

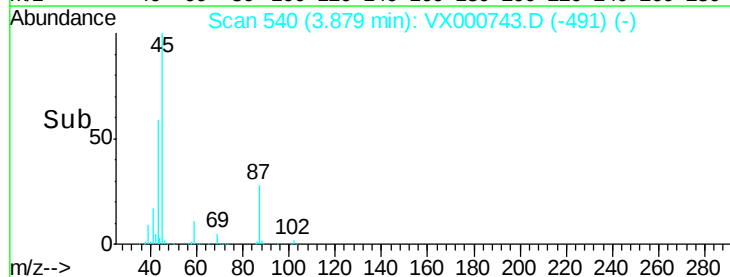
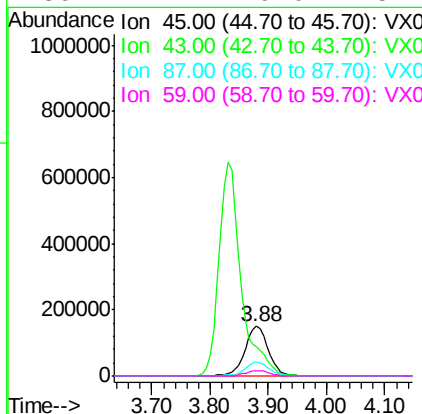
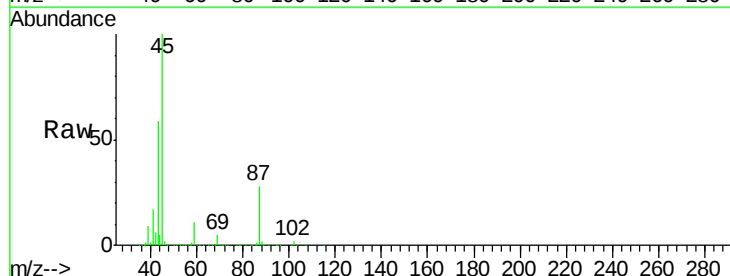
RT: 3.88 min Scan# 540

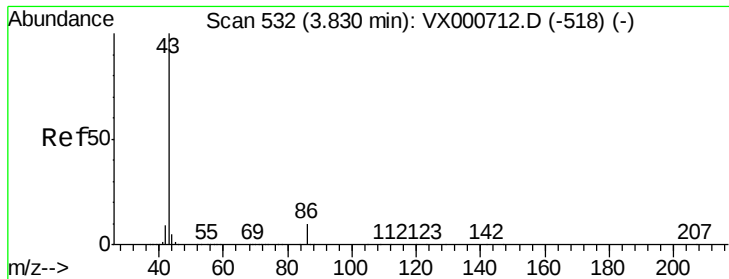
Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	45	Resp:	420081
Ion	Ratio	Lower	Upper
45	100		
43	58.8	49.2	73.8
87	28.0	22.7	34.1
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 232.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 43 Resp: 1695562

Ion Ratio Lower Upper

43 100

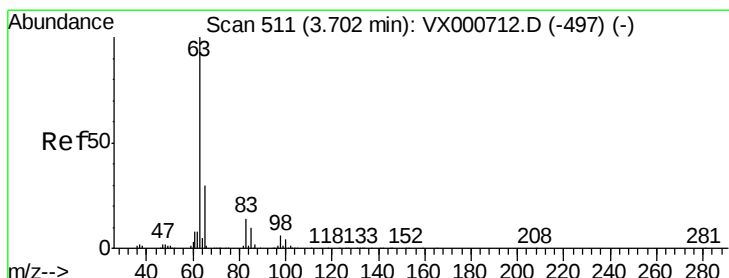
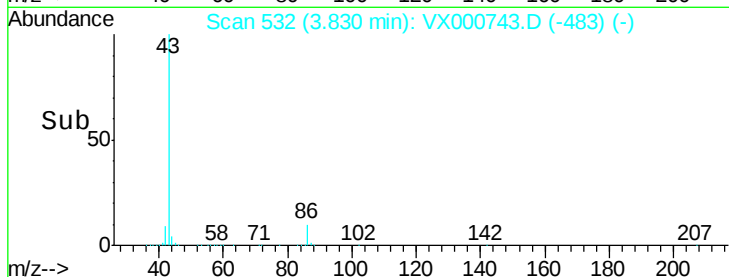
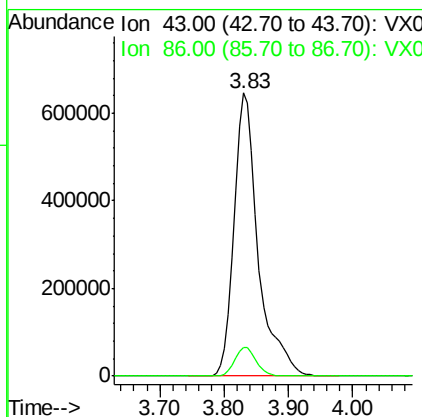
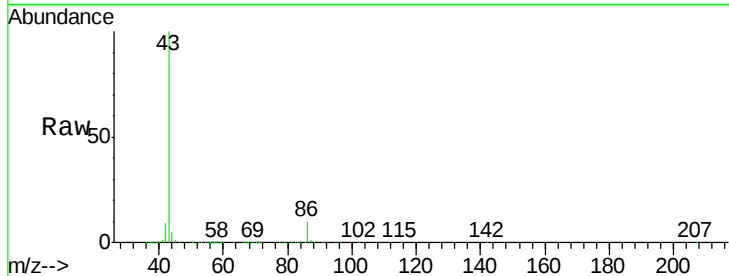
86 10.2 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.75 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

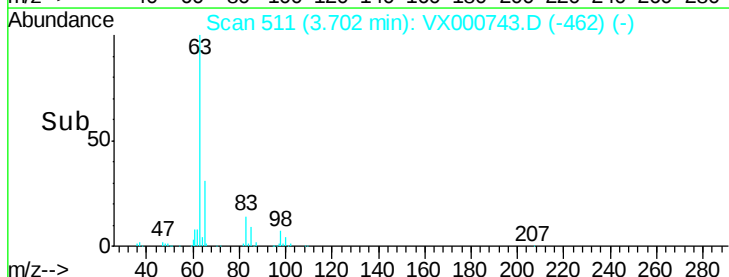
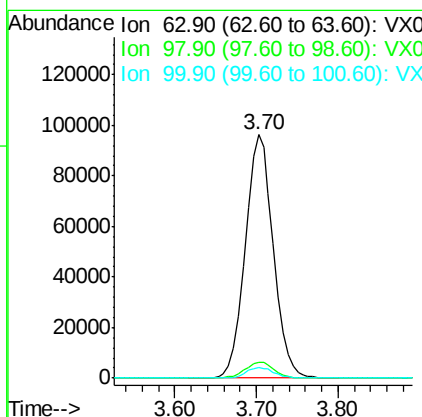
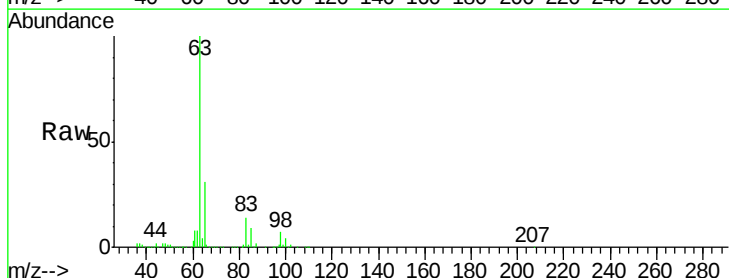
Tgt Ion: 63 Resp: 229228

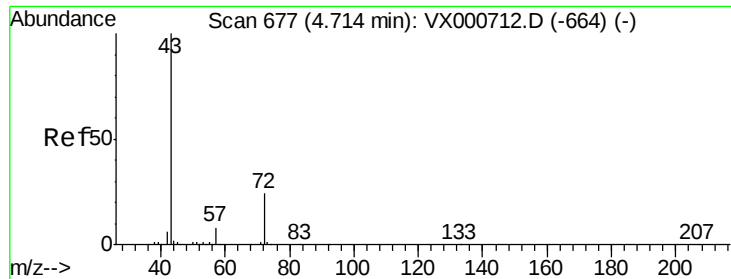
Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 227.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 43 Resp: 443666

Ion Ratio Lower Upper

43 100

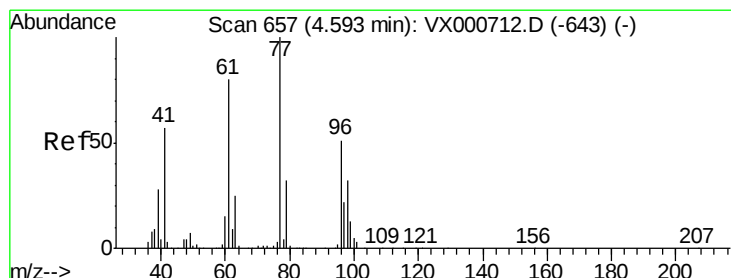
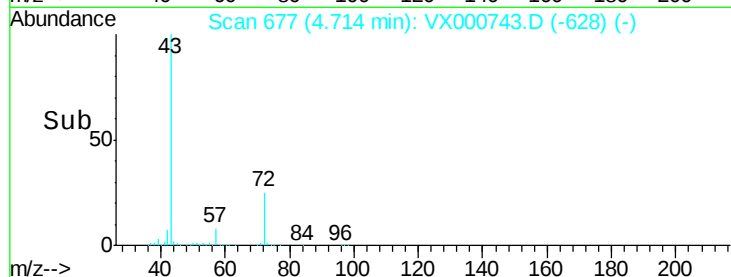
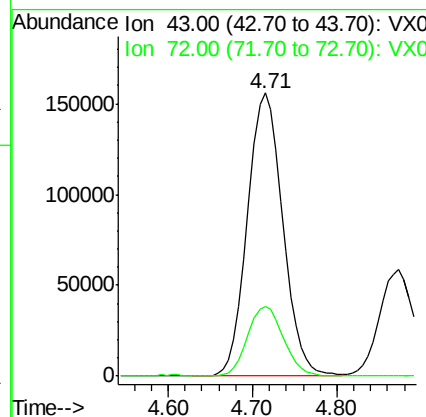
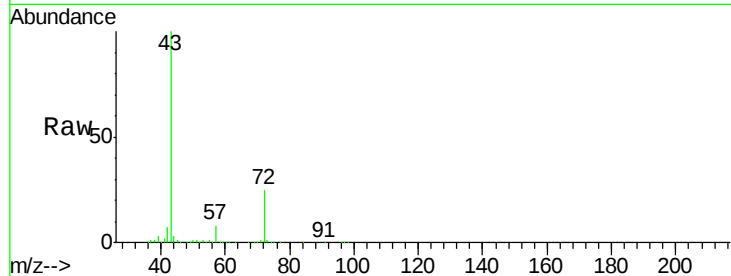
72 24.7 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.20 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000743.D

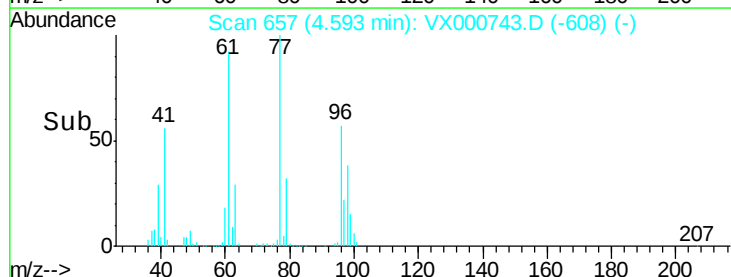
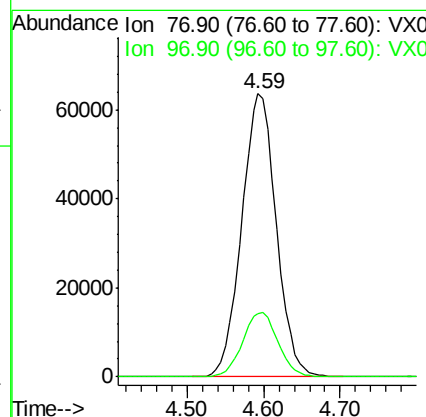
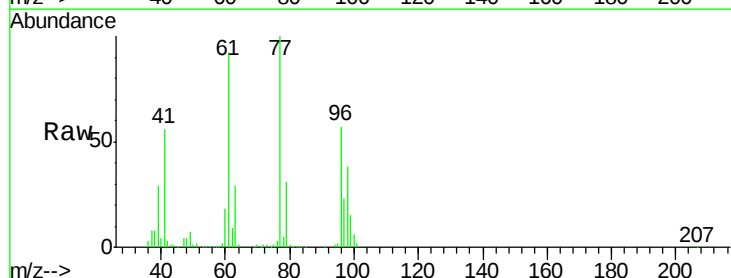
Acq: 08 Apr 2018 20:19

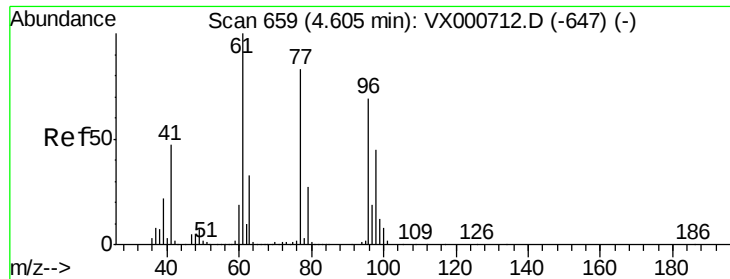
Tgt Ion: 77 Resp: 198579

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.9





#27

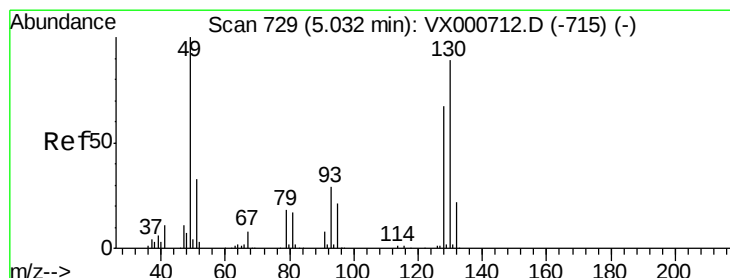
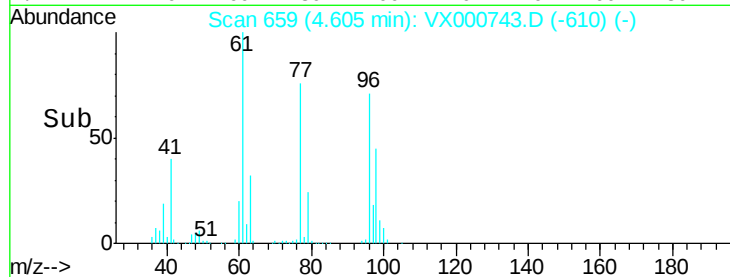
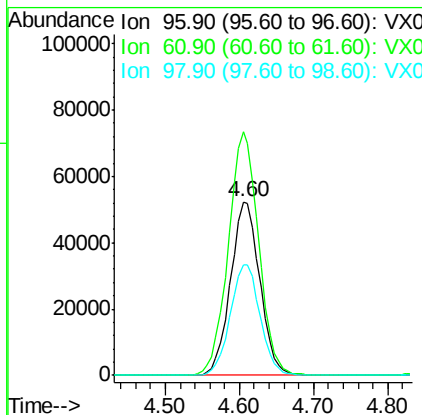
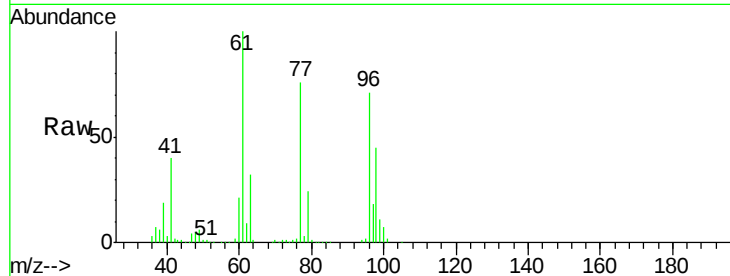
cis-1,2-Dichloroethene
 Concen: 48.51 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144431		
61	144.8	0.0	301.0	
98	64.8	0.0	129.6	

Manual Integrations
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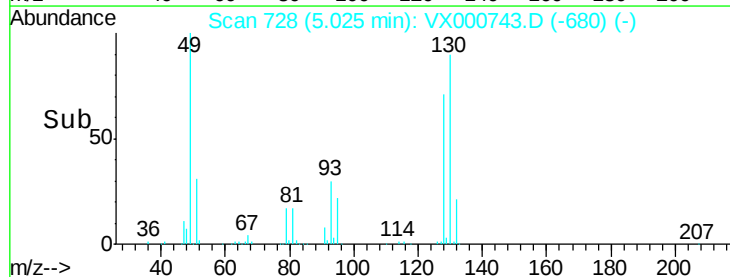
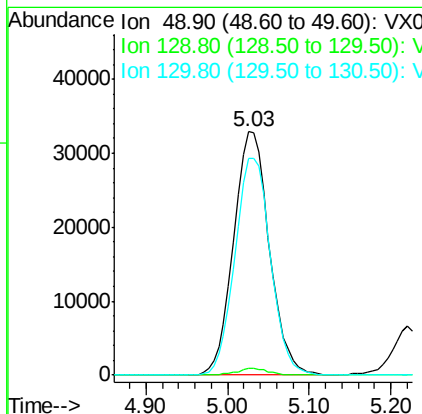
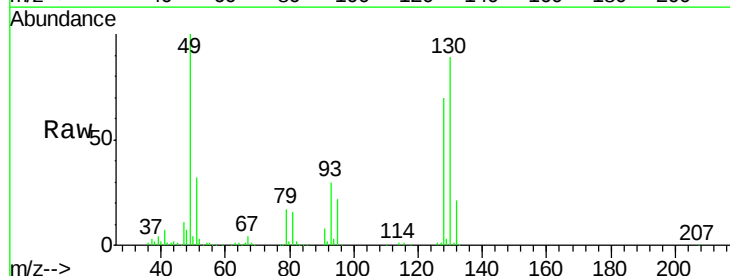
sam
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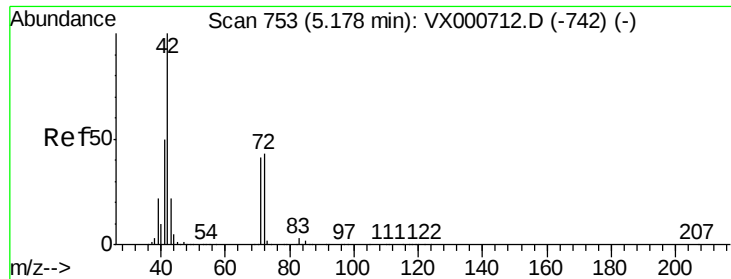


#28

Bromochloromethane
 Concen: 56.52 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100154		
129	2.5	0.0	5.4	
130	88.8	69.0	103.4	





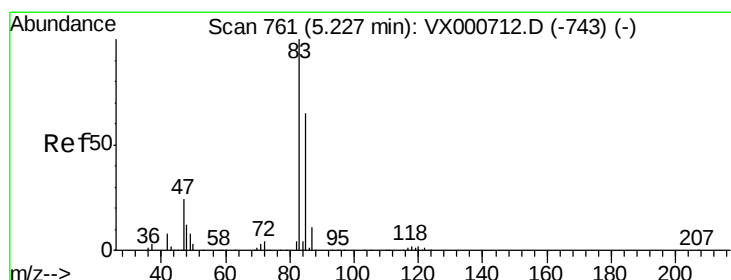
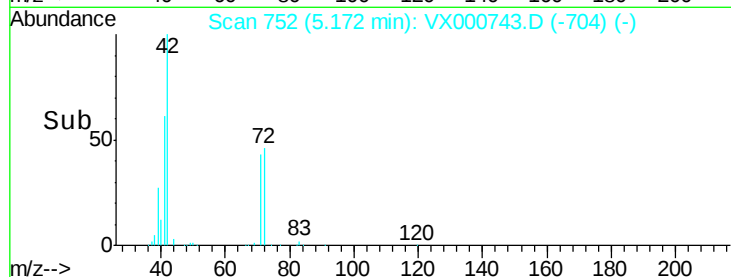
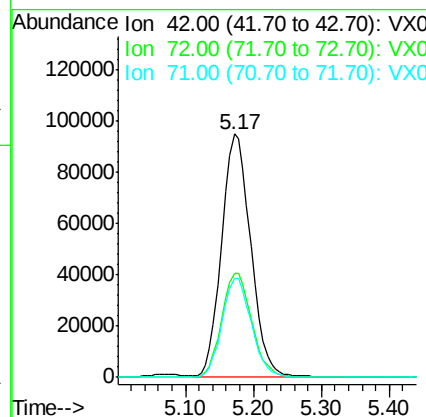
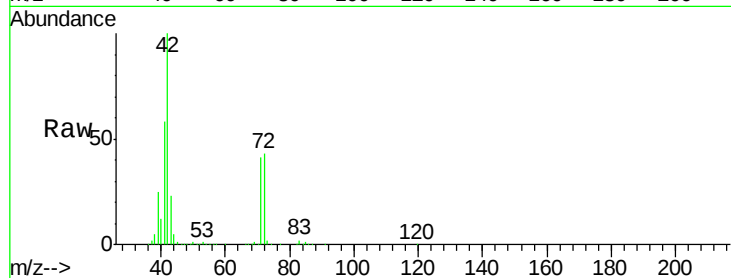
#29
Tetrahydrofuran
Concen: 226.64 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.4	51.6
71	41.1	32.0	48.0

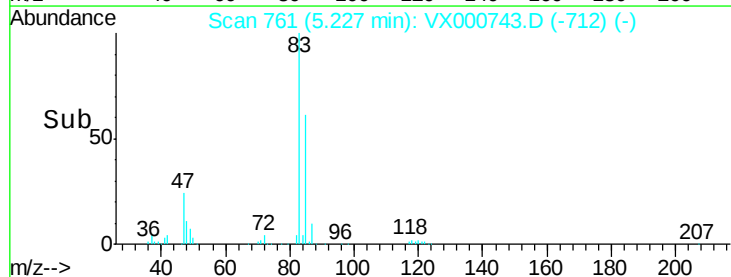
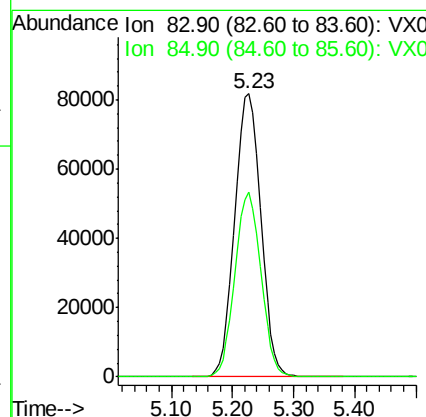
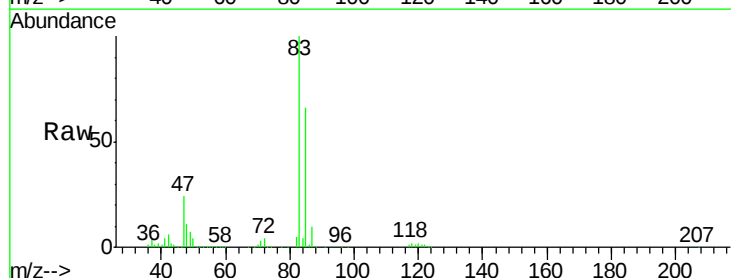
Manual Integrations
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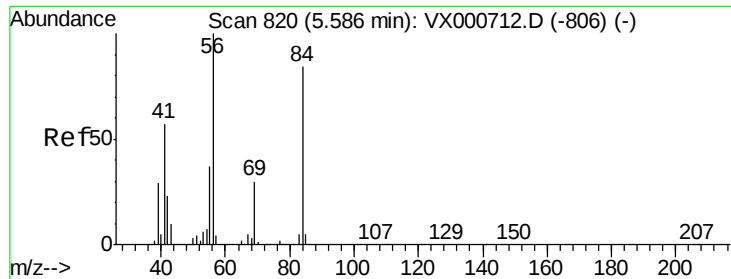
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#30
Chloroform
Concen: 49.30 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.3	78.5





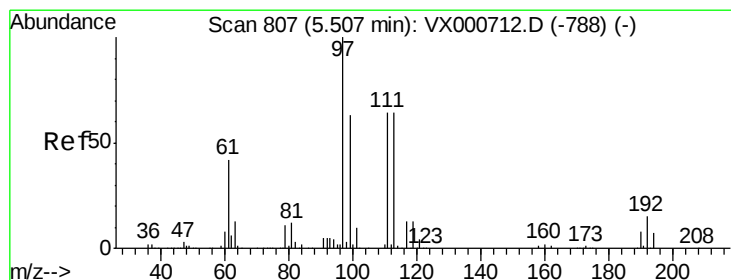
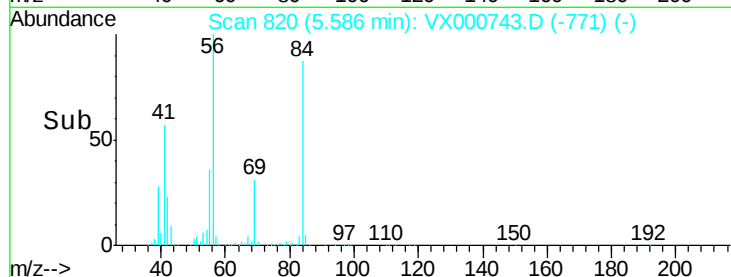
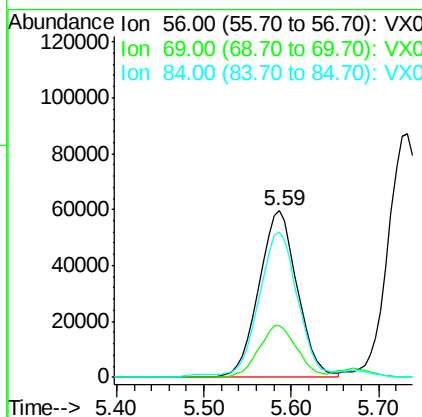
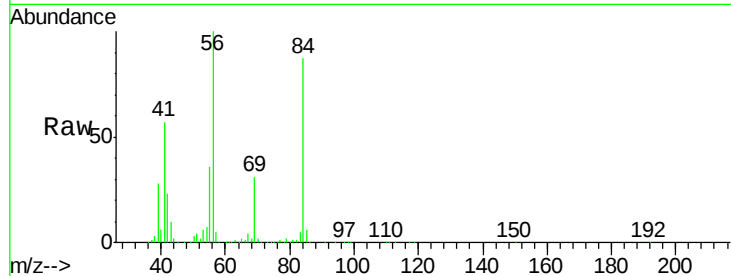
#31
Cyclohexane
Concen: 51.04 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.8	35.6
84	85.6	67.4	101.2

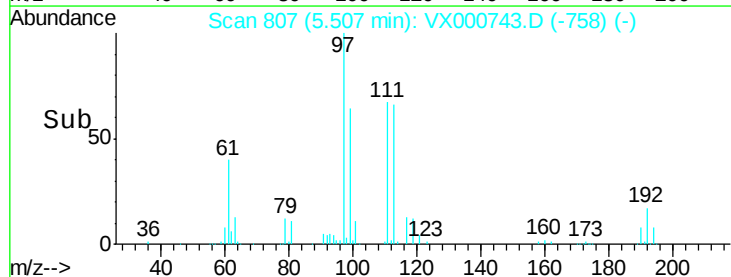
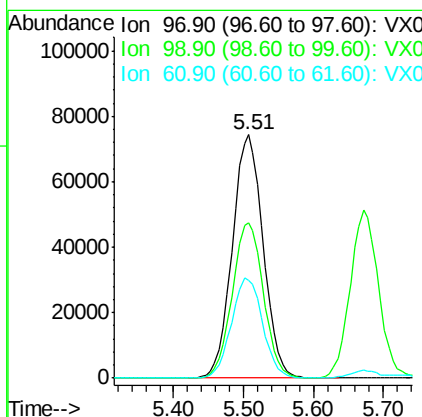
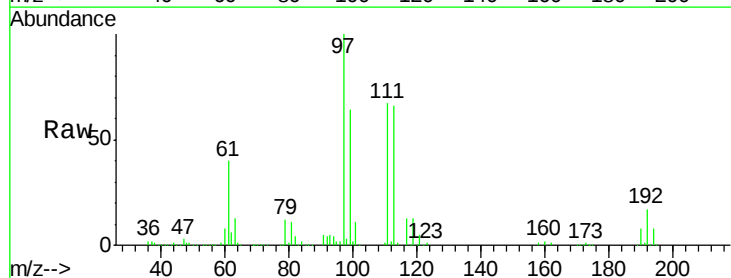
Manual Integrations
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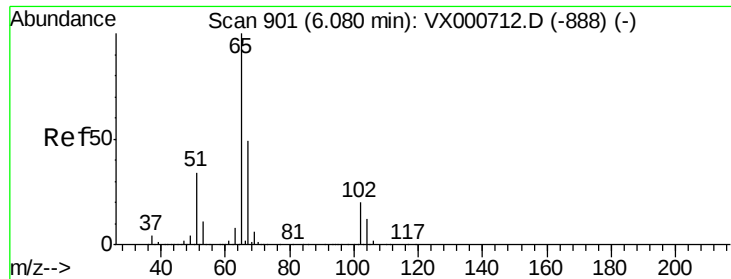
sam
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#32
1,1,1-Trichloroethane
Concen: 48.60 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	41.6	34.2	51.4





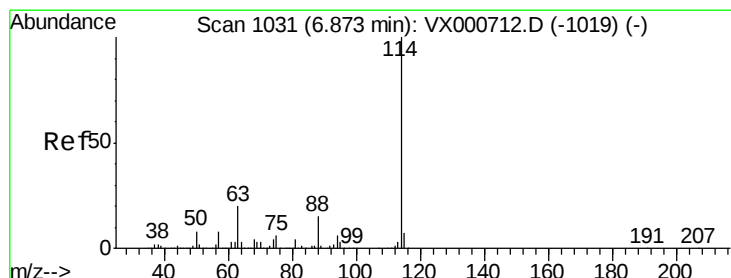
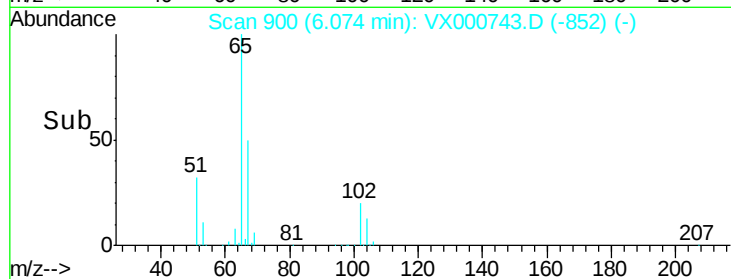
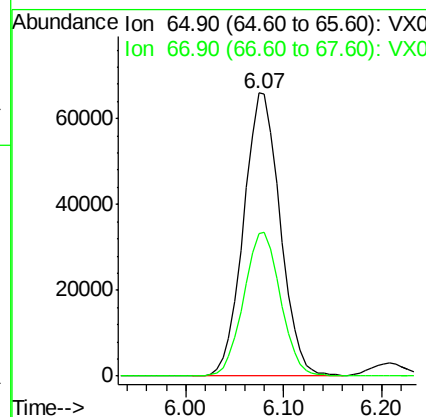
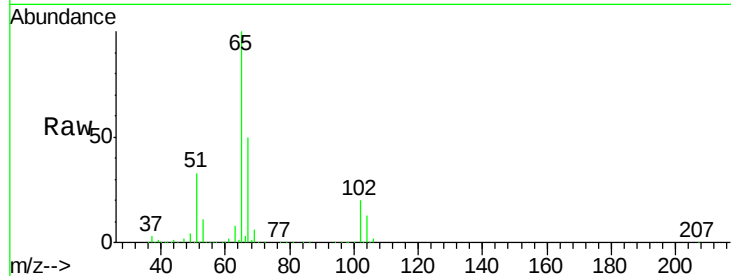
#33
 1,2-Dichloroethane-d4
 Concen: 48.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171472		
67	51.2	0.0	102.6	

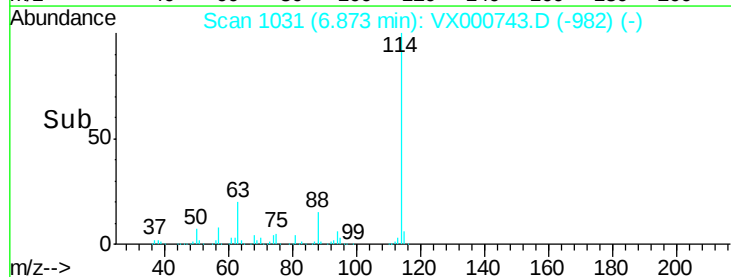
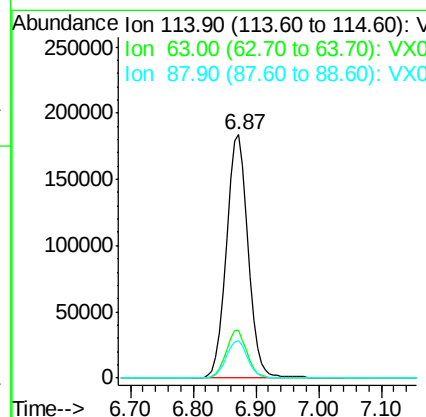
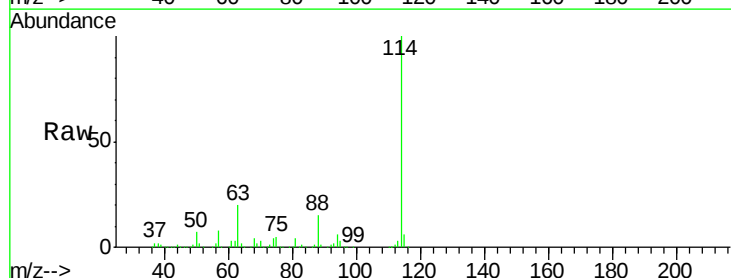
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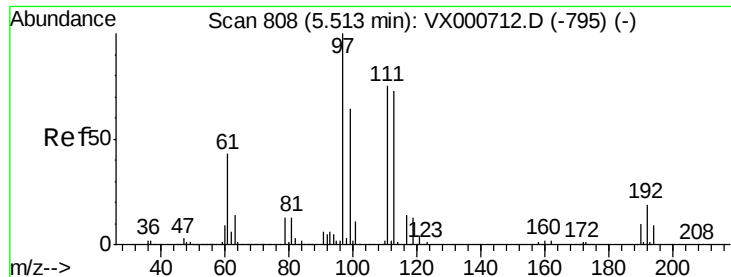
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439825		
63	19.8	0.0	39.6	
88	15.2	0.0	30.6	





#35

Dibromofluoromethane

Concen: 51.18 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

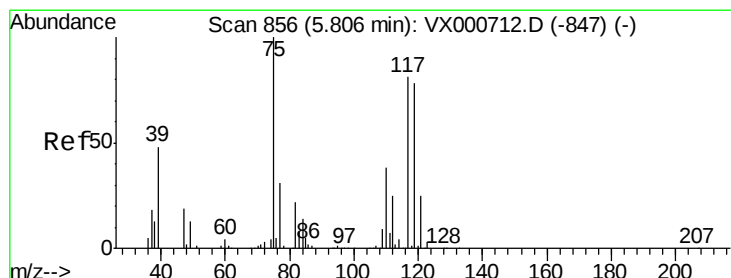
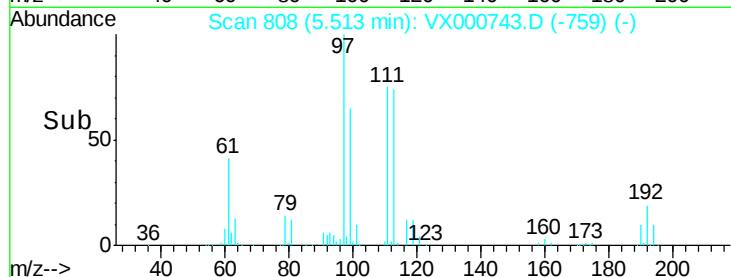
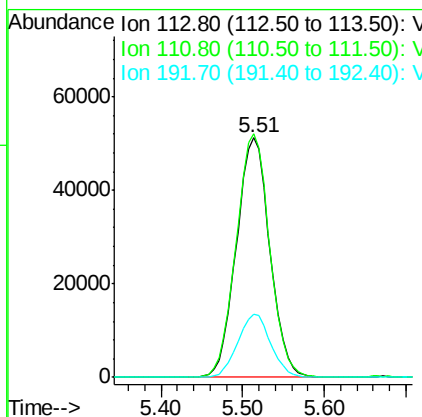
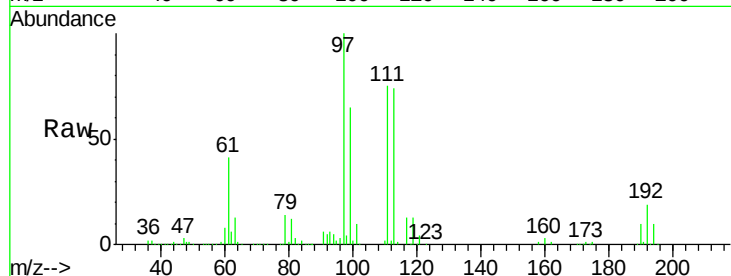
ClientSampleId :

MW-19-040218MS

Tot Ion:	113	Resp:	145477
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.5	122.3
192	25.9	20.0	30.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.56 ug/l

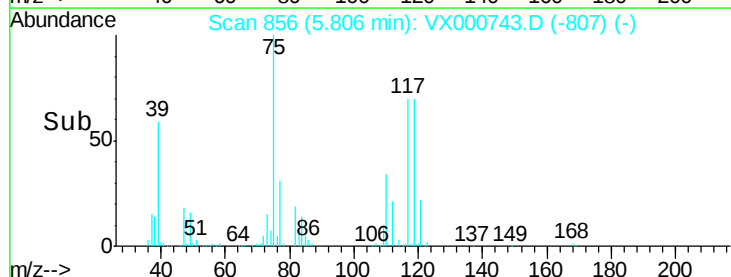
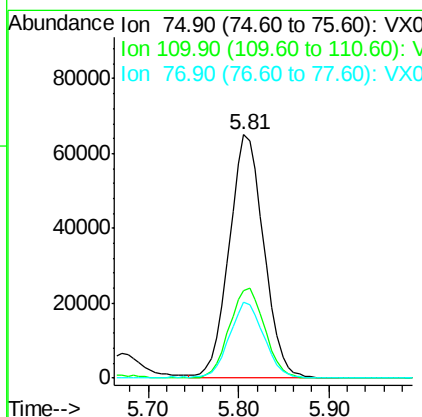
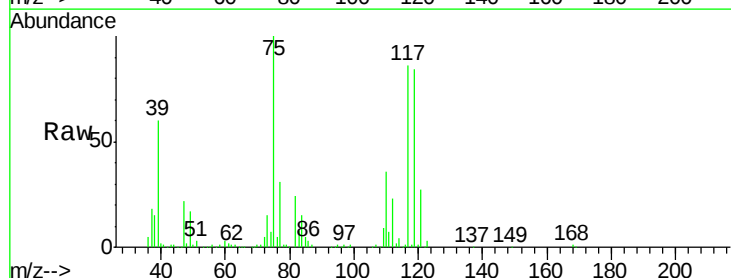
RT: 5.81 min Scan# 856

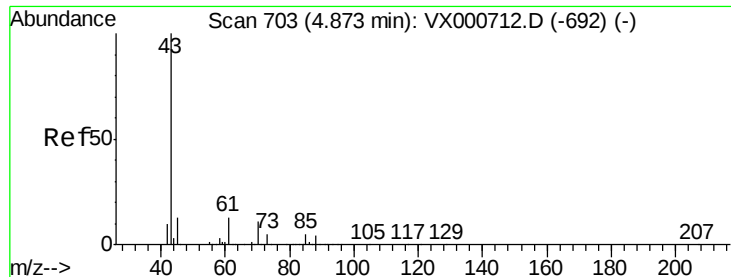
Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	75	Resp:	171630
Ion Ratio	Lower	Upper	
75	100		
110	38.1	18.6	56.0
77	30.8	24.6	37.0





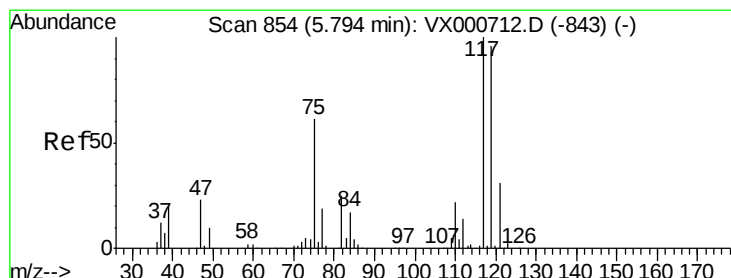
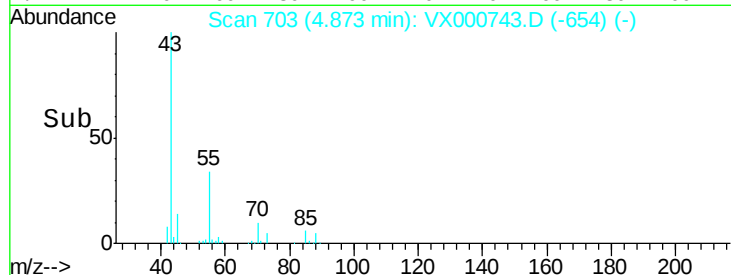
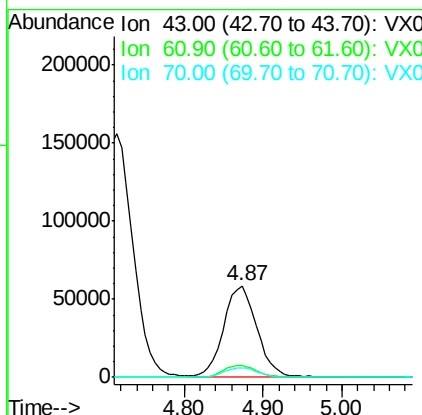
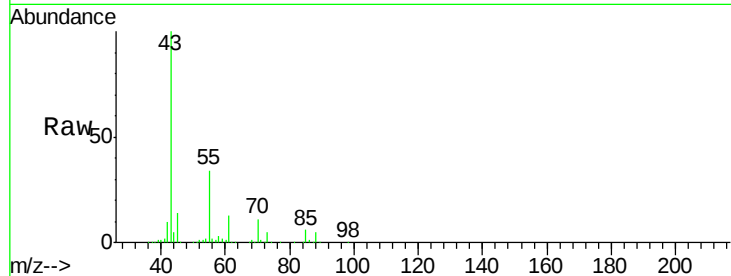
#37
Ethyl Acetate
Concen: 42.10 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion:	43	Resp:	171179
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	10.9	8.4	12.6

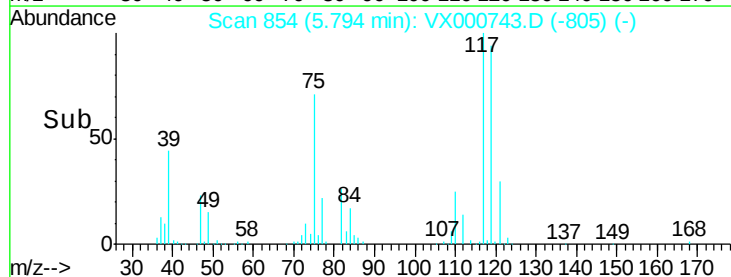
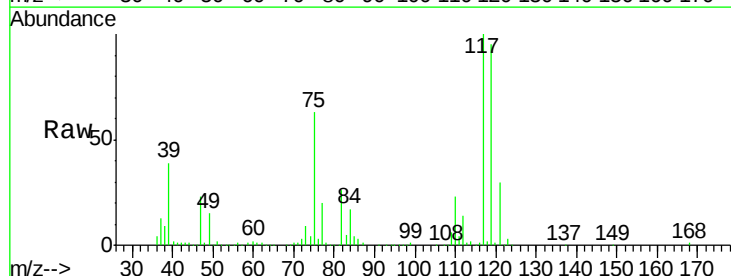
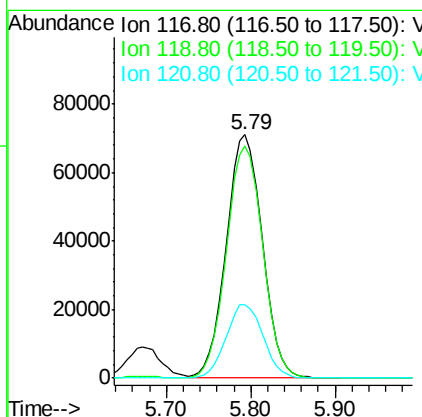
Manual Integrations
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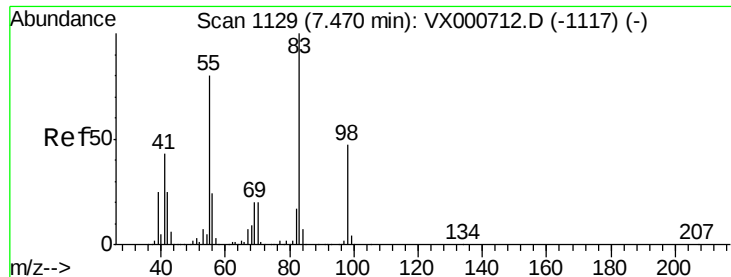
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#38
Carbon Tetrachloride
Concen: 46.77 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion:	117	Resp:	206448
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
121	30.2	24.7	37.1





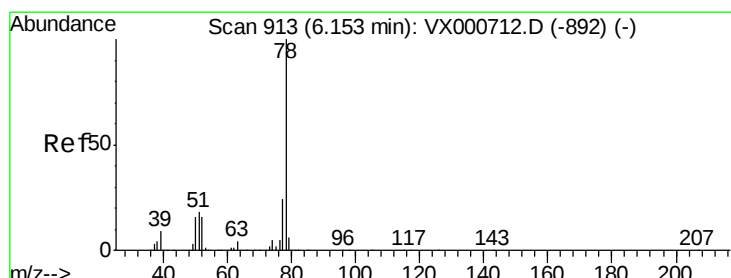
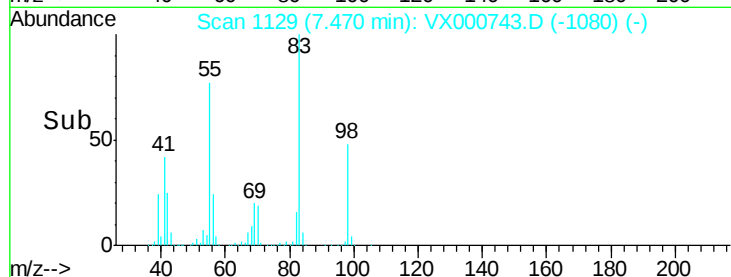
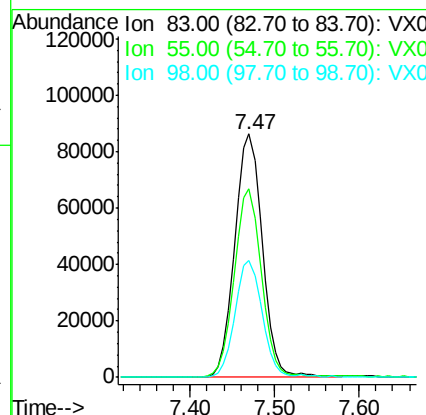
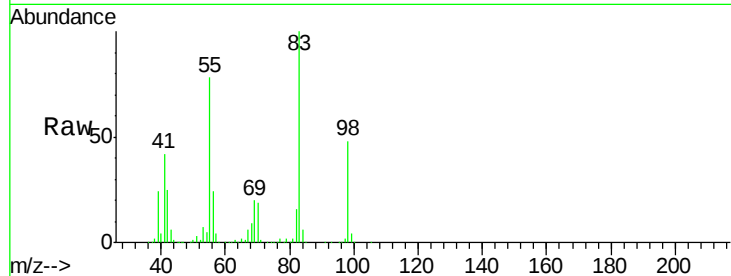
#39
Methvlcvclohexane
Concen: 47.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191457		
55	77.4	63.7	95.5	
98	48.2	37.2	55.8	

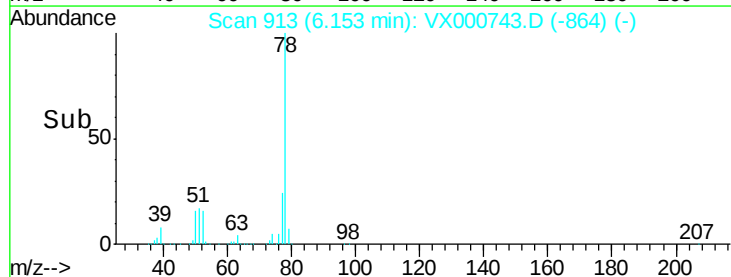
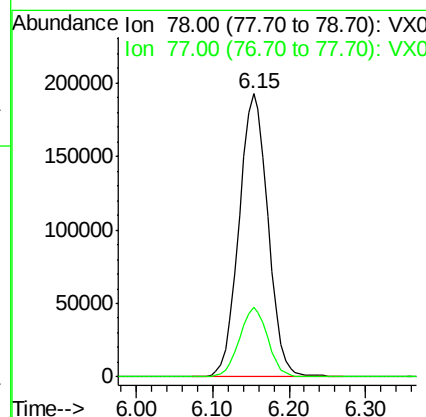
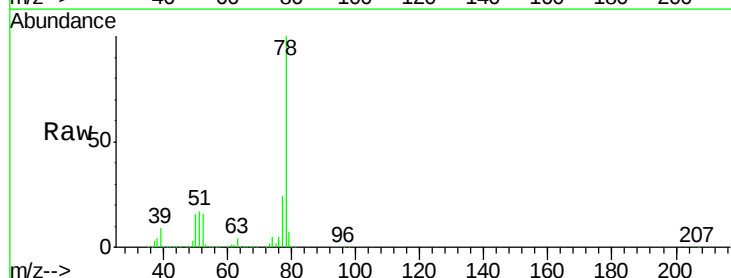
Manual Integrations
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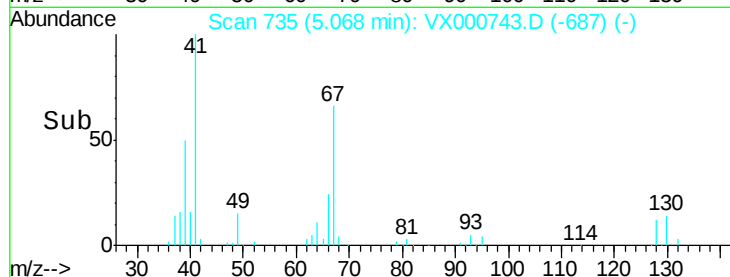
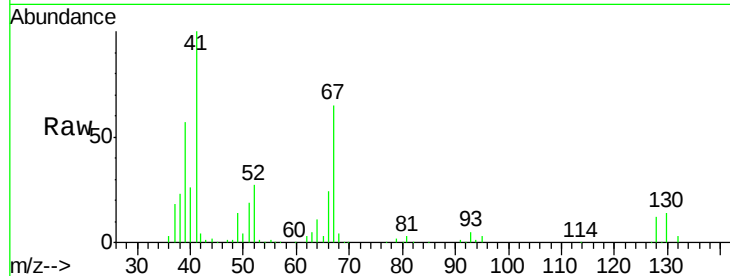
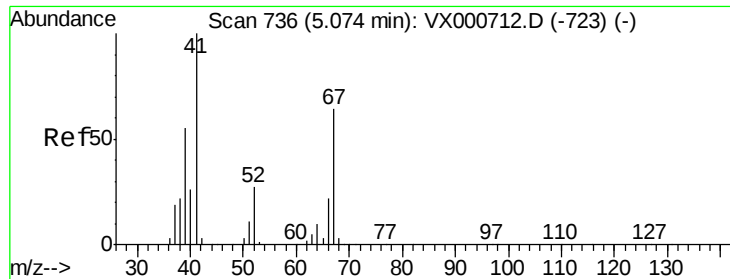
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#40
Benzene
Concen: 47.73 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	505669		
77	24.4	19.0	28.4	





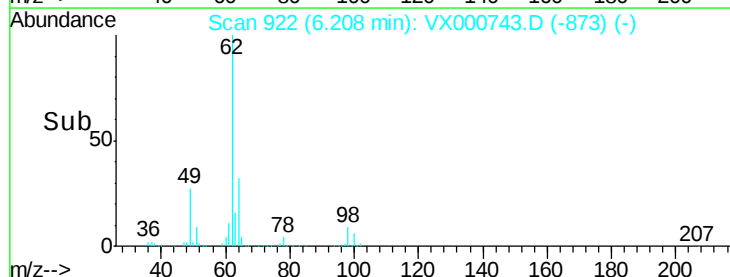
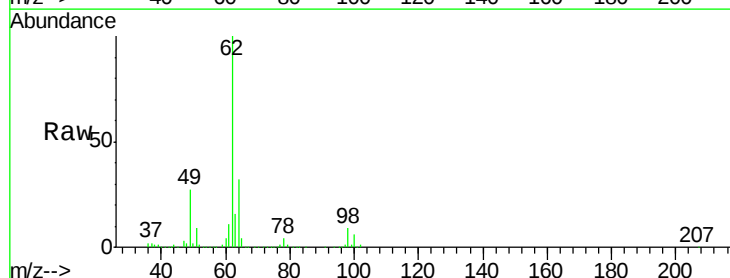
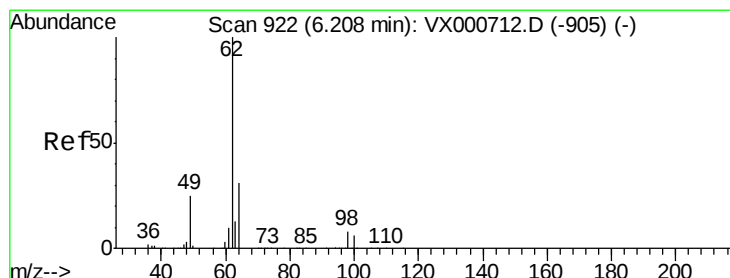
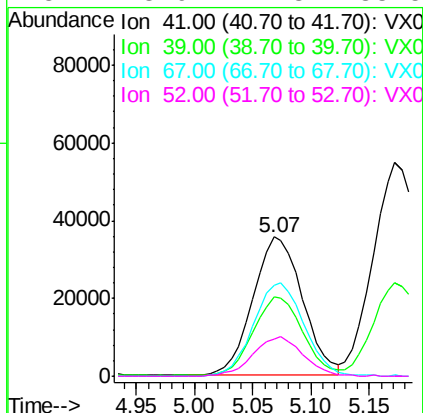
#41
Methacrylonitrile
Concen: 44.80 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		105524		
39	56.6	45.3	67.9		
67	68.8	52.7	79.1		
52	28.9	22.3	33.5		

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

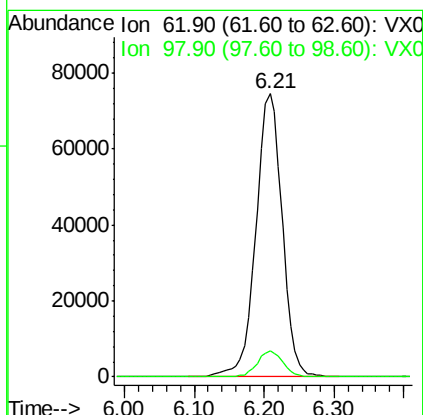
Manual Integrations
APPROVED

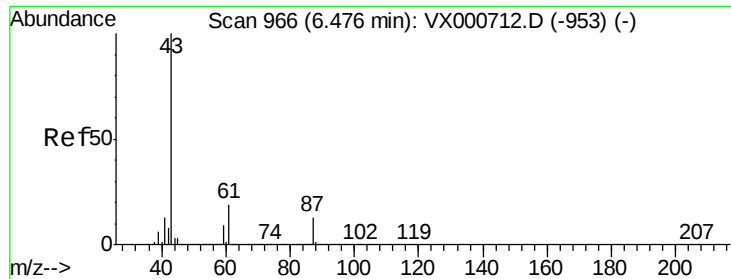
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#42
1,2-Dichloroethane
Concen: 46.71 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		195212		
98	9.1	0.0	17.2		





#43

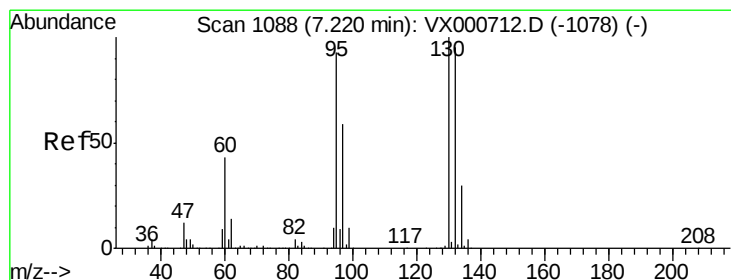
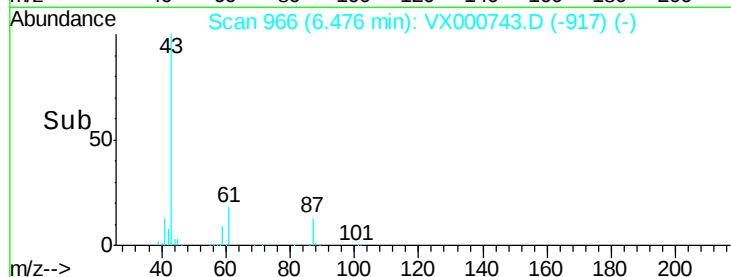
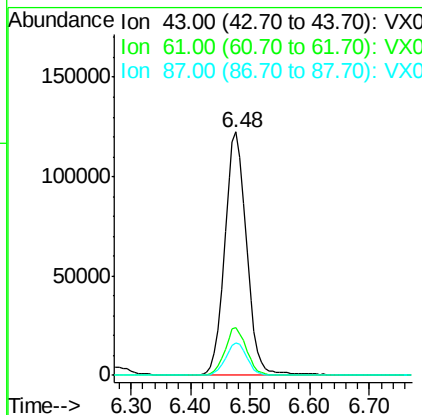
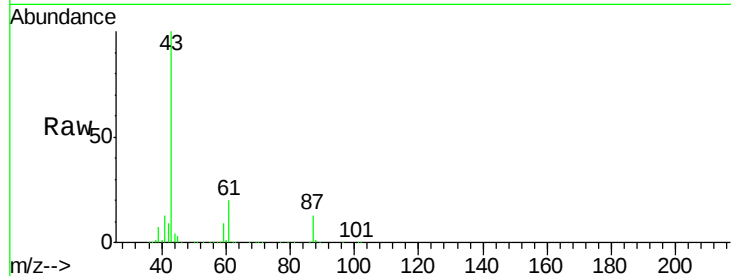
Isopropyl Acetate
 Concen: 43.66 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.3	10.4	15.6

Manual Integrations
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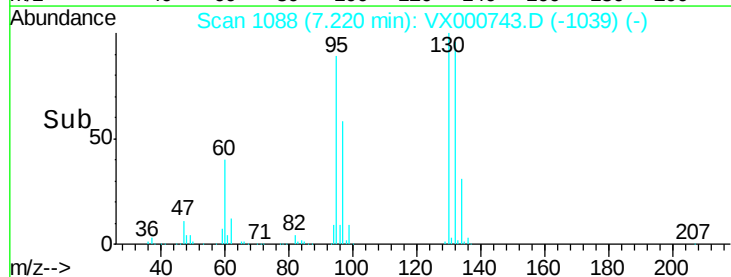
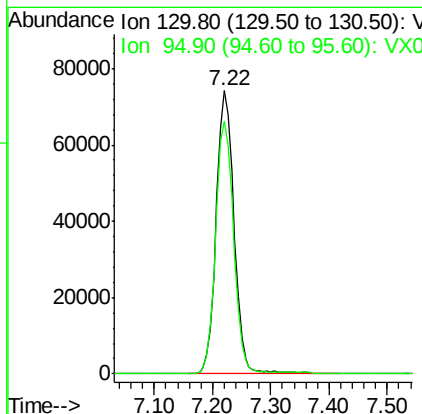
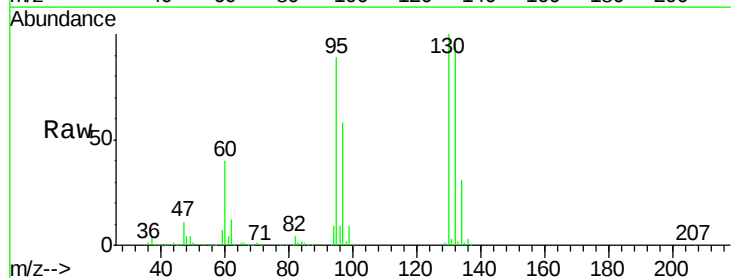
sam
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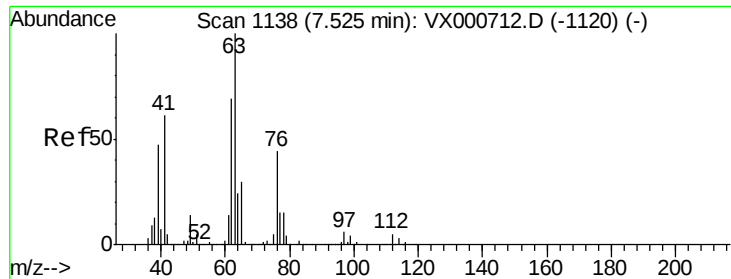


#44

Trichloroethene
 Concen: 48.98 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	185.4





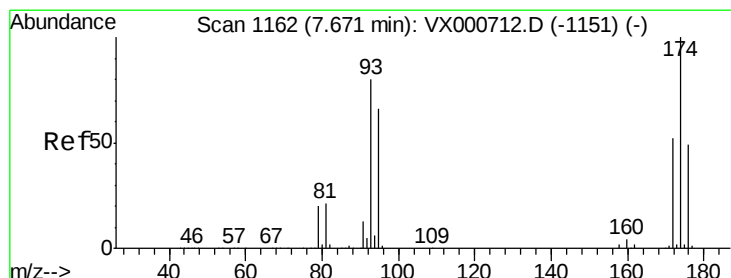
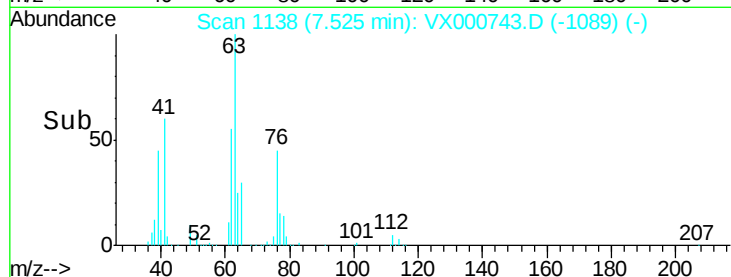
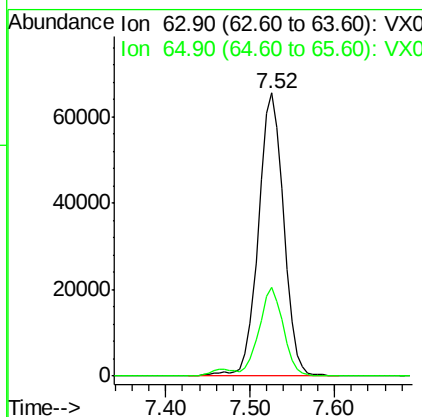
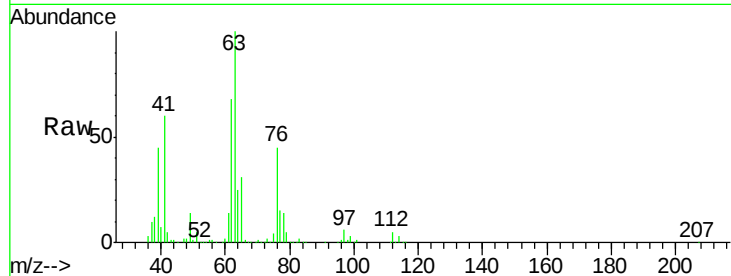
#45
 1,2-Dichloropropane
 Concen: 47.57 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	135136		
65	31.3		24.2	36.2

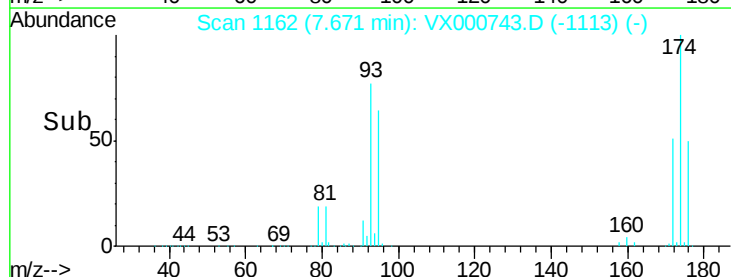
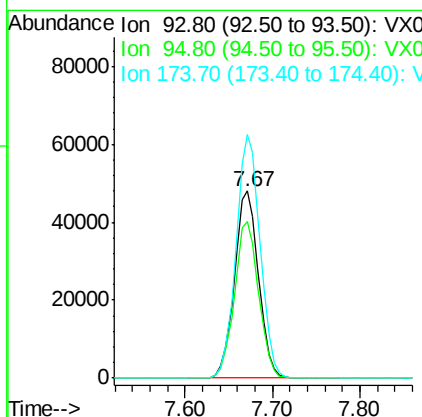
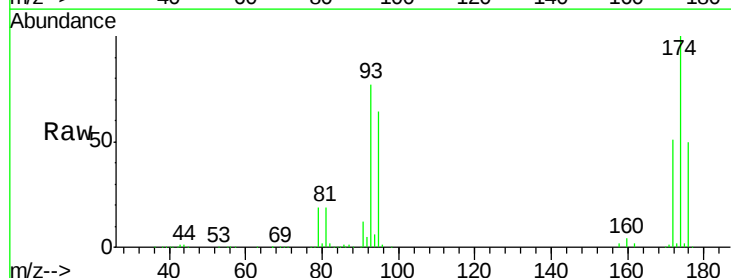
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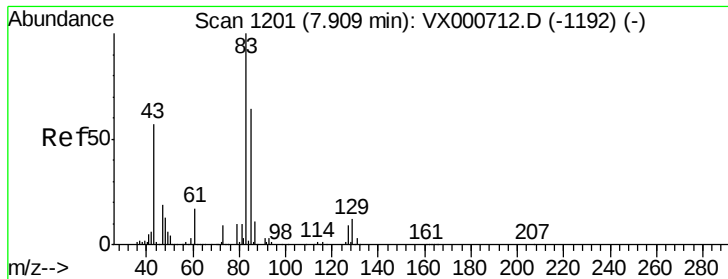
sam
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#46
 Dibromomethane
 Concen: 46.74 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	92158		
95	84.2		66.0	99.0
174	130.1		100.2	150.2





#47

Bromodichloromethane

Concen: 47.94 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

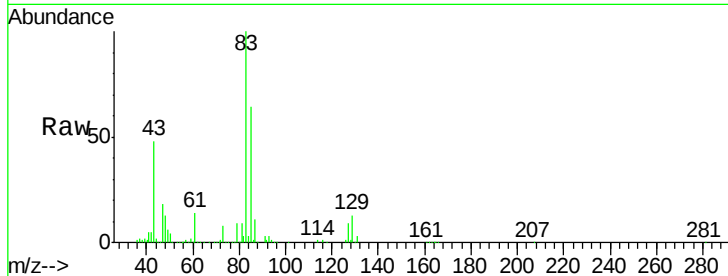
ClientSampleId :

MW-19-040218MS

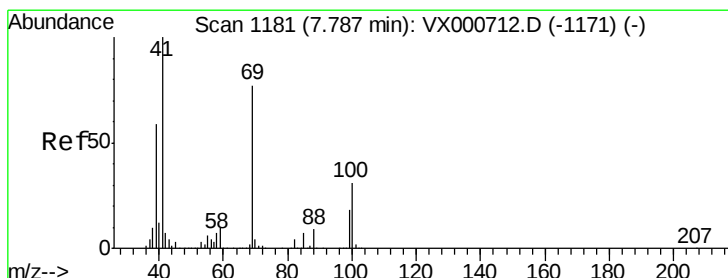
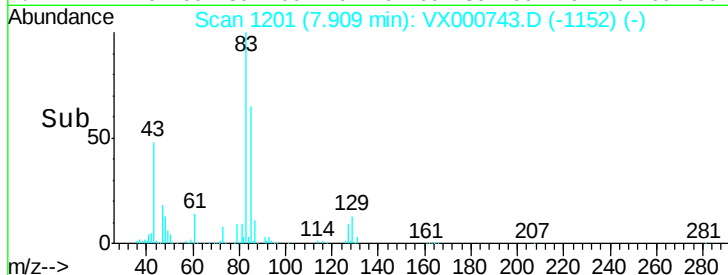
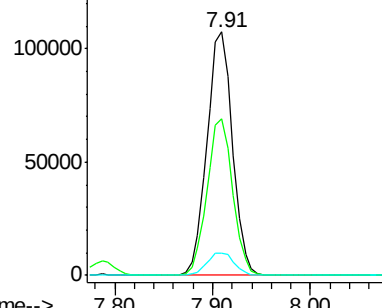
Tot Ion:	83	Resp:	195598
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.4
127	9.4	7.4	11.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.41 ug/l

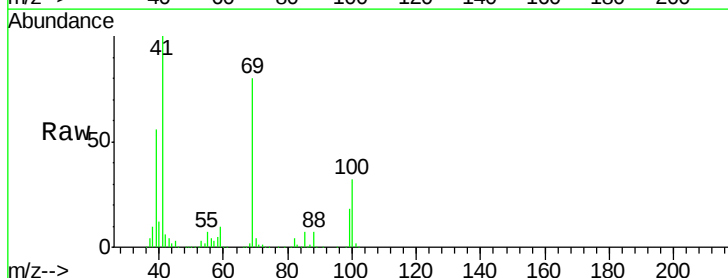
RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

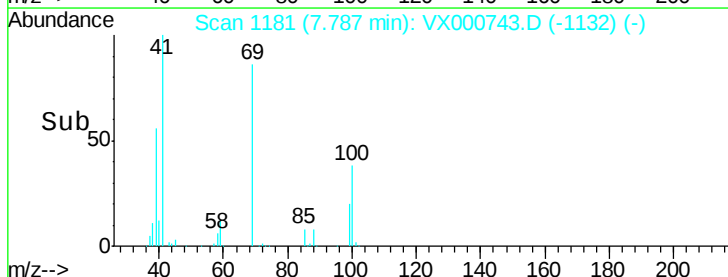
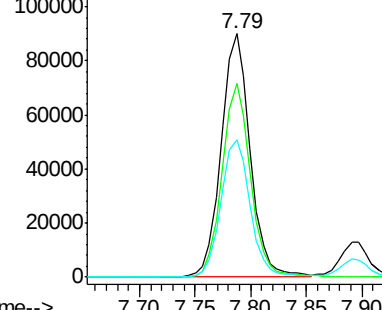
Lab File: VX000743.D

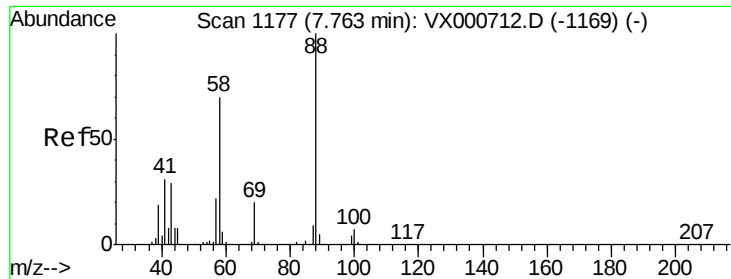
Acq: 08 Apr 2018 20:19

Tgt Ion:	41	Resp:	161757
Ion	Ratio	Lower	Upper
41	100		
69	78.7	62.0	93.0
39	57.1	47.0	70.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





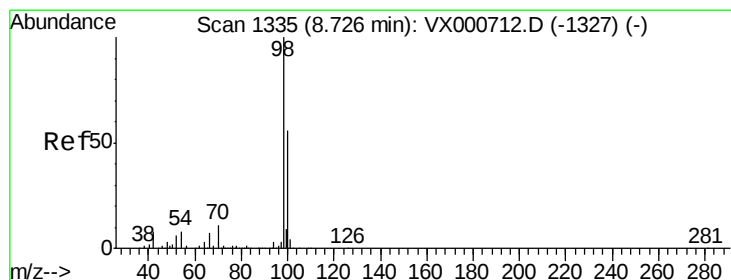
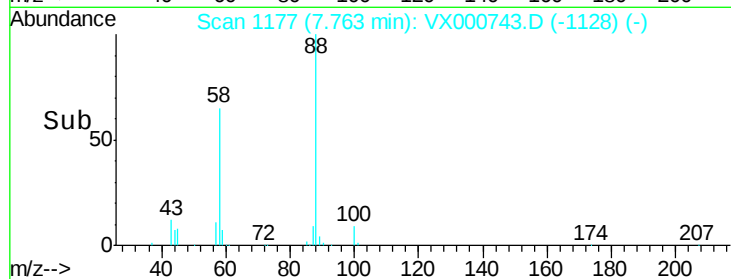
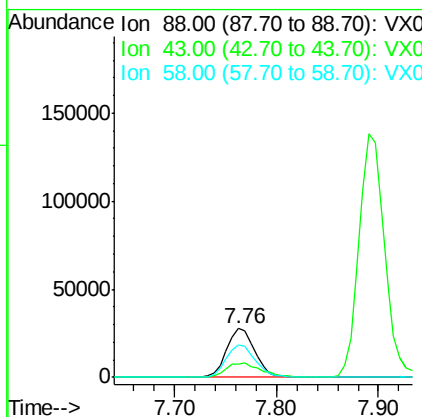
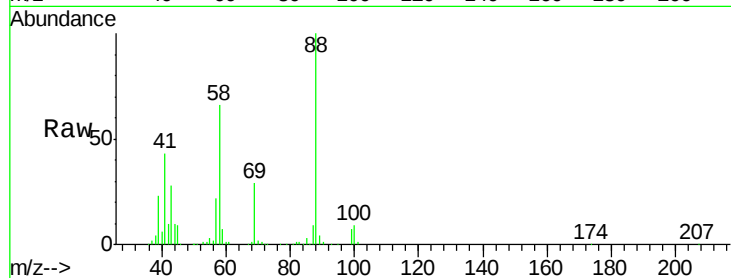
#49
 1,4-Dioxane
 Concen: 744.34 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.9	41.9
58	69.8	57.0	85.4

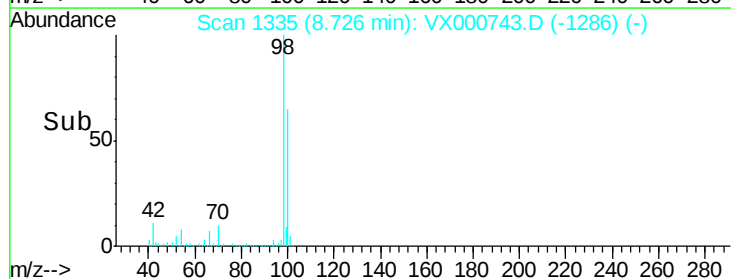
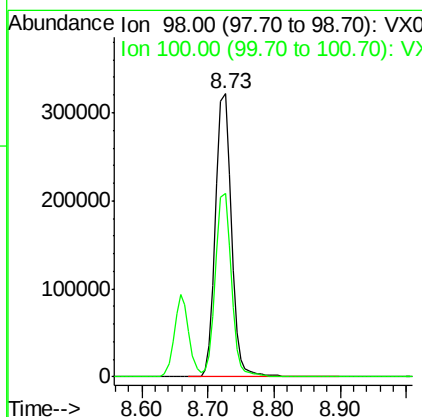
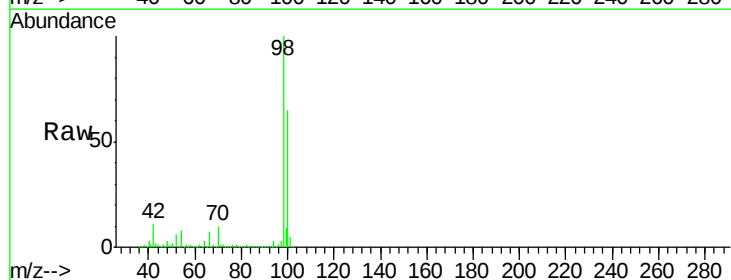
Manual Integrations
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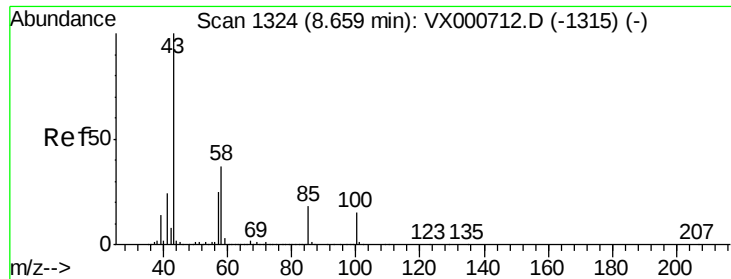
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#50
 Toluene-d8
 Concen: 49.61 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 226.91 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 43 Resp: 930862

Ion Ratio Lower Upper

43 100

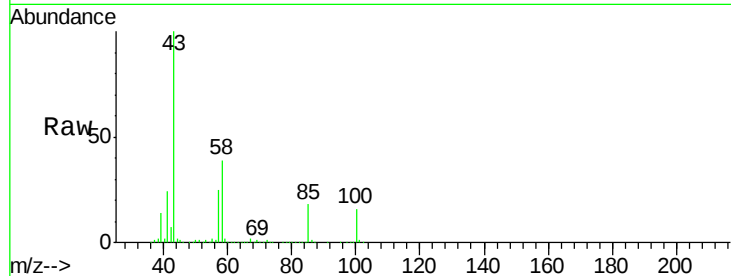
58 37.7 30.6 46.0

Manual Integrations

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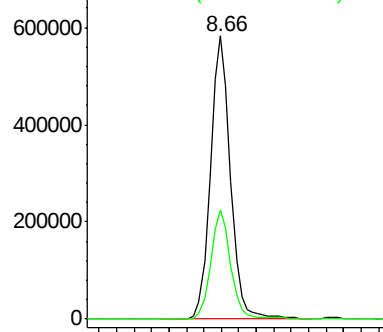
sam

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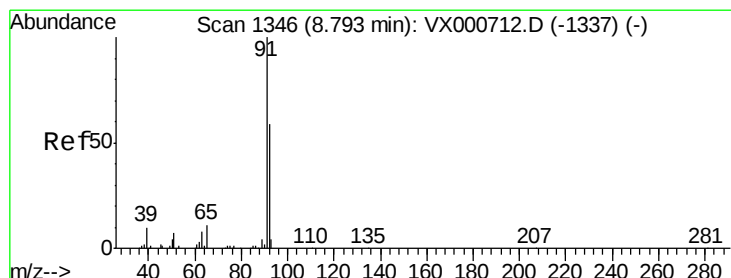
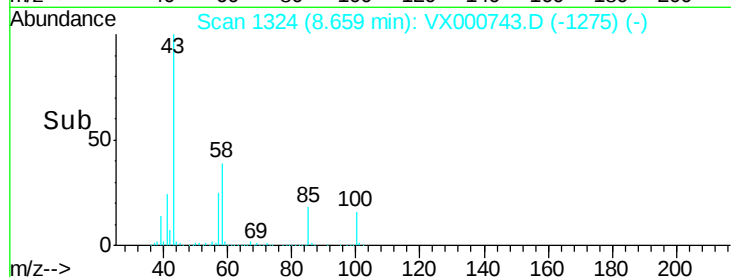


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 47.56 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000743.D

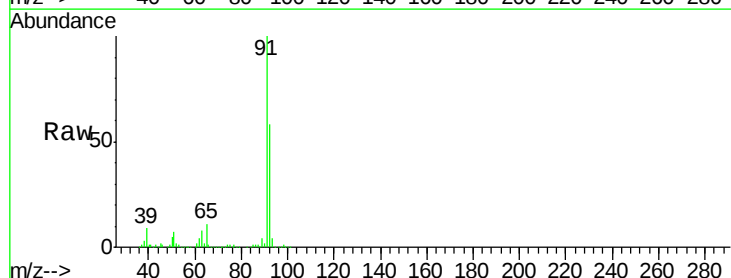
Acq: 08 Apr 2018 20:19

Tgt Ion: 92 Resp: 335937

Ion Ratio Lower Upper

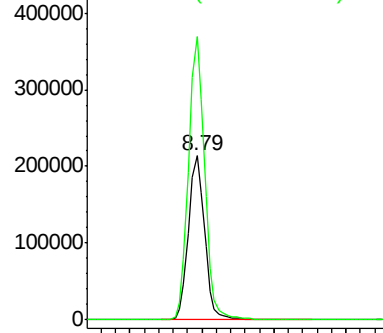
92 100

91 171.7 136.4 204.6

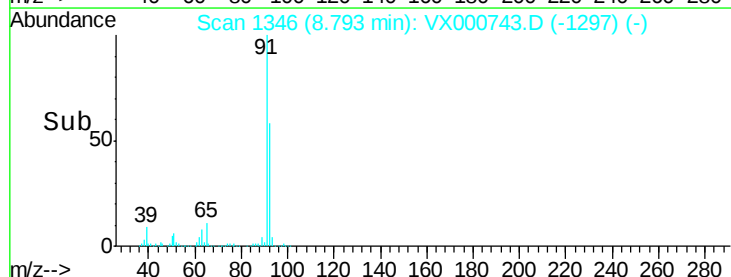


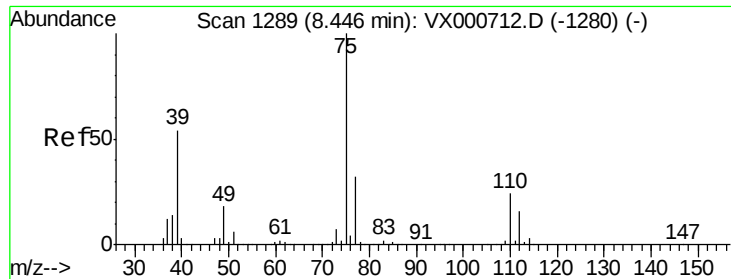
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 46.41 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 75 Resp: 225315

Ion Ratio Lower Upper

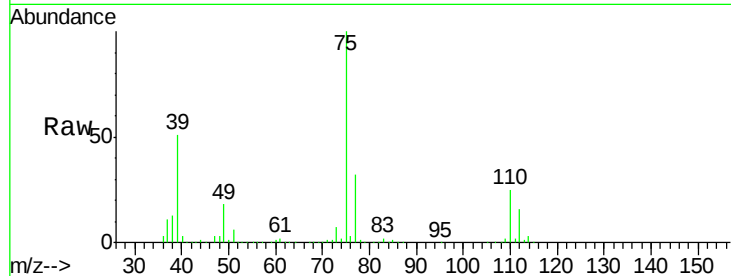
75 100

77 31.5 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

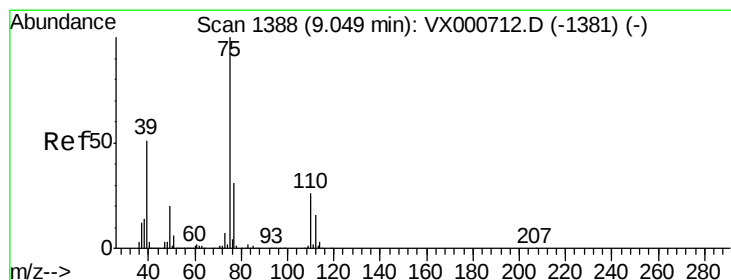
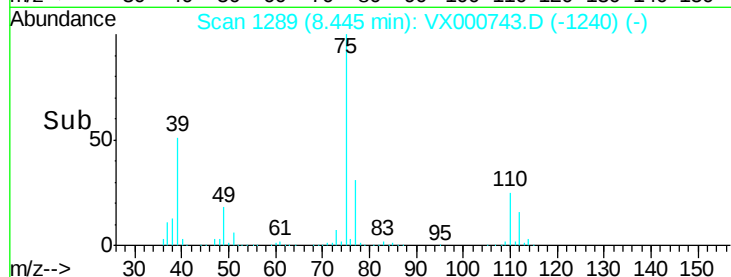
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.95 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

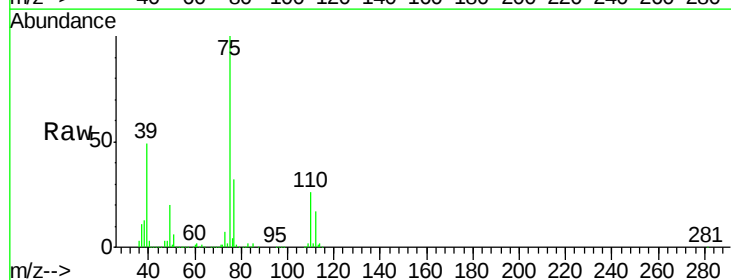
Tgt Ion: 75 Resp: 221531

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 48.9 40.5 60.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

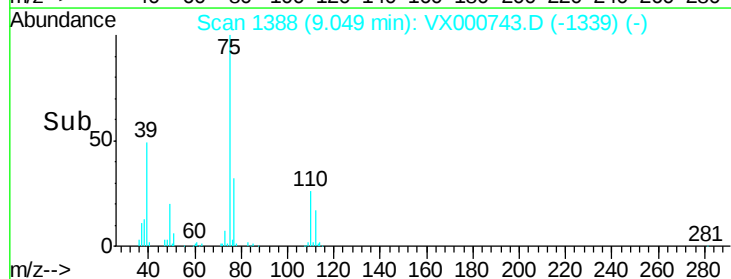
100000

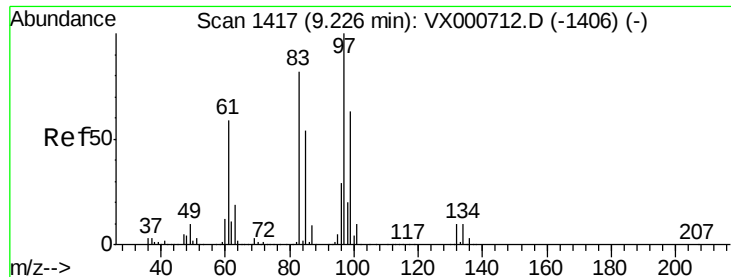
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.99 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

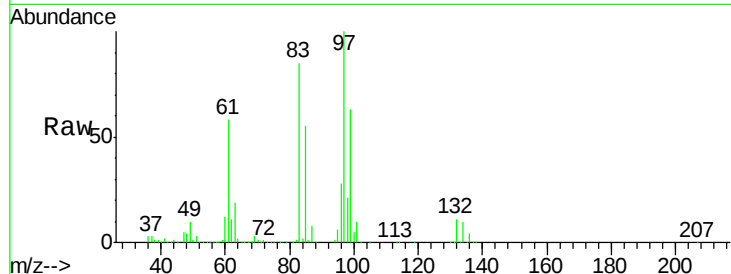
ClientSampleId :

MW-19-040218MS

Tot Ion:	97	Resp:	137911
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.7	98.5
85	55.3	42.8	64.2
99	63.2	50.6	76.0

Manual Integrations
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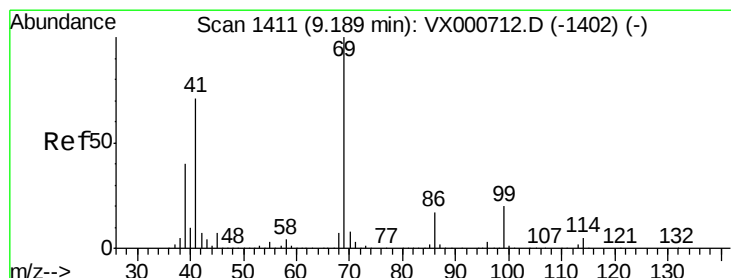
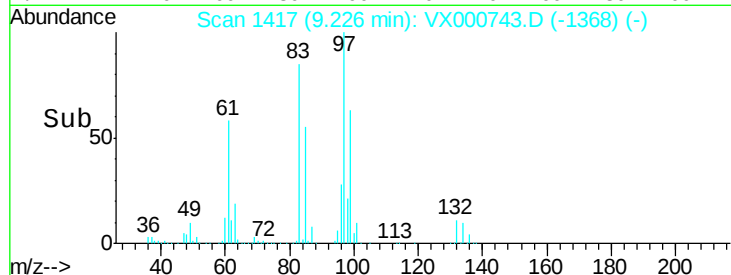
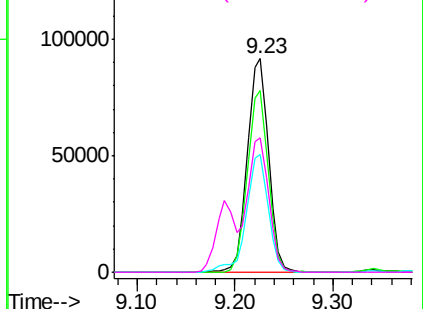


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 46.68 ug/l

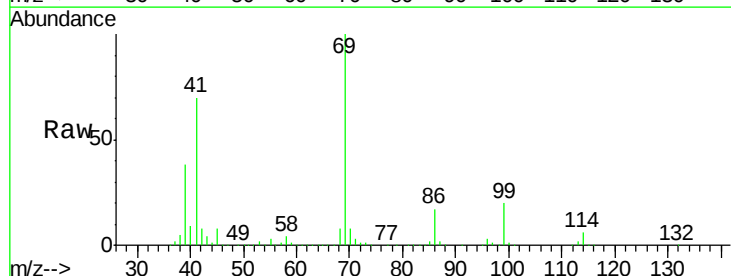
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

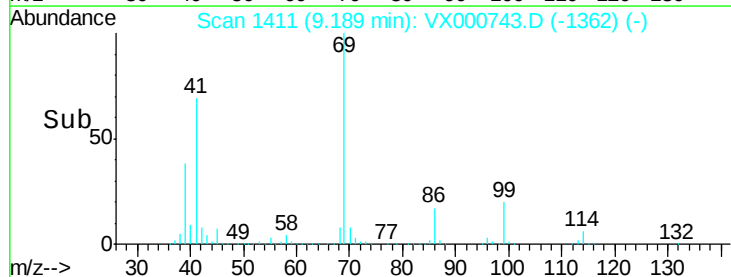
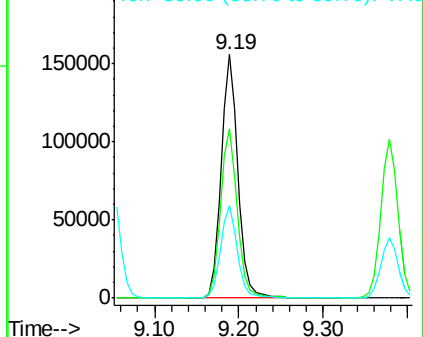
Tgt Ion:	69	Resp:	213904
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.4	84.6
39	37.7	31.4	47.2

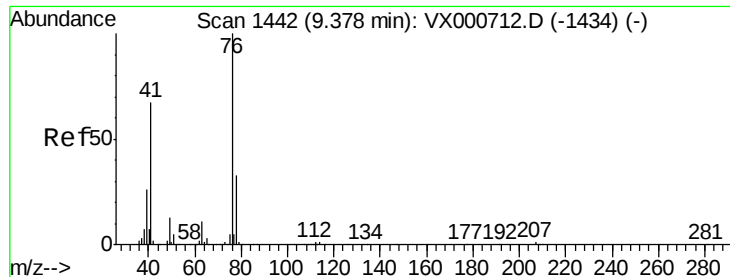


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.49 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 76 Resp: 223229

Ion Ratio Lower Upper

76 100

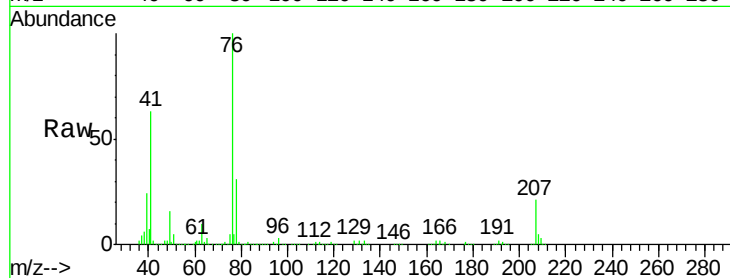
78 32.1 26.2 39.2

Manual Integrations

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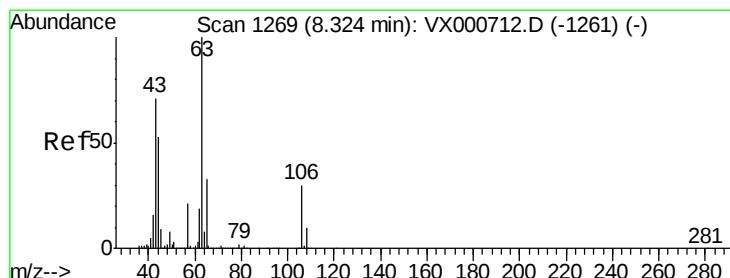
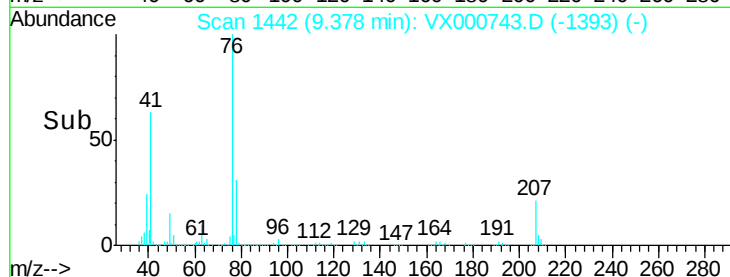
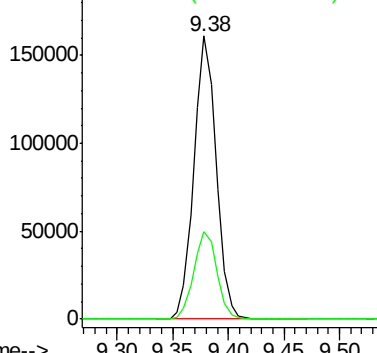
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.96 ug/l

RT: 8.26 min Scan# 1258

Delta R.T. -0.07 min

Lab File: VX000743.D

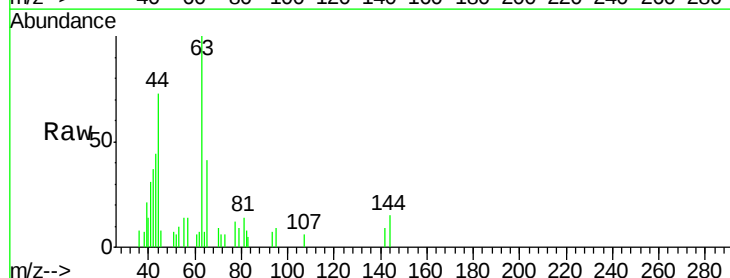
Acq: 08 Apr 2018 20:19

Tgt Ion: 63 Resp: 2069

Ion Ratio Lower Upper

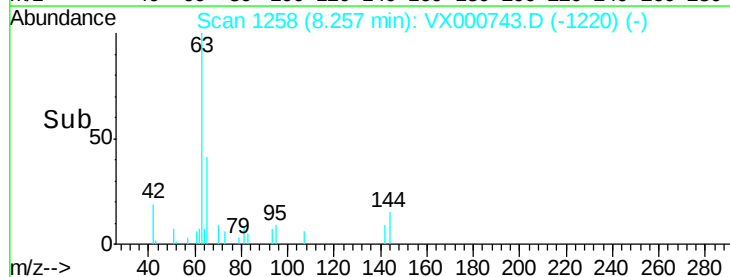
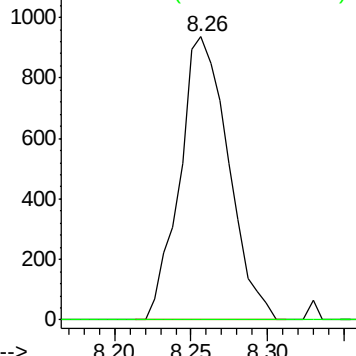
63 100

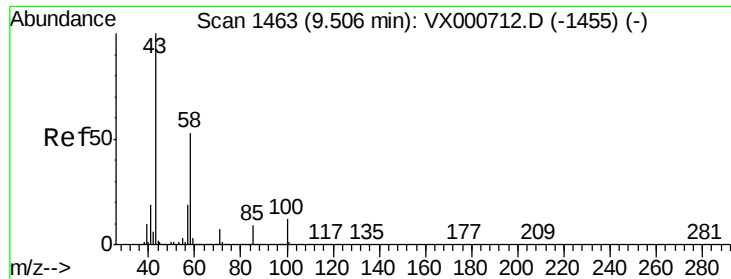
106 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





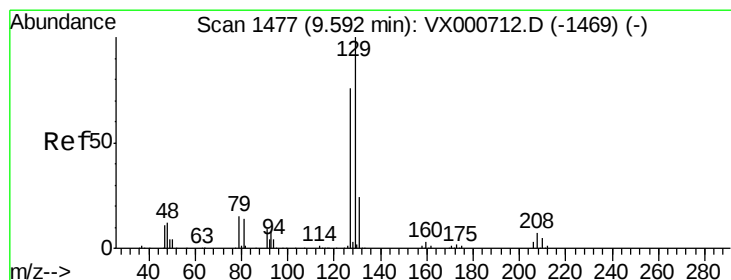
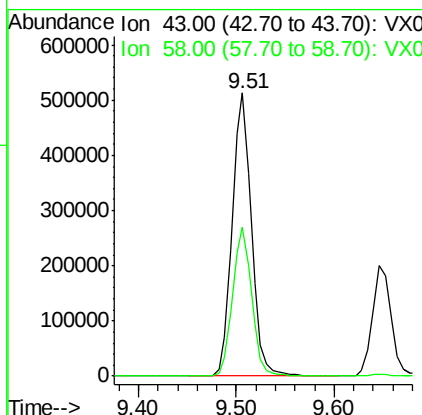
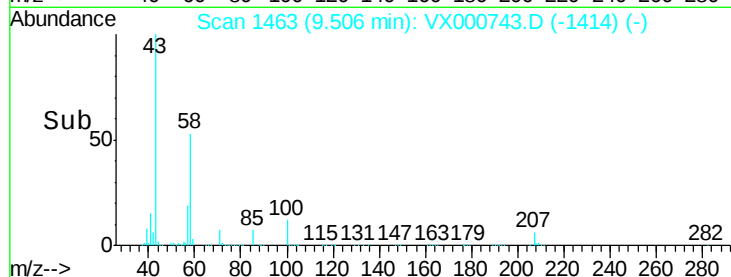
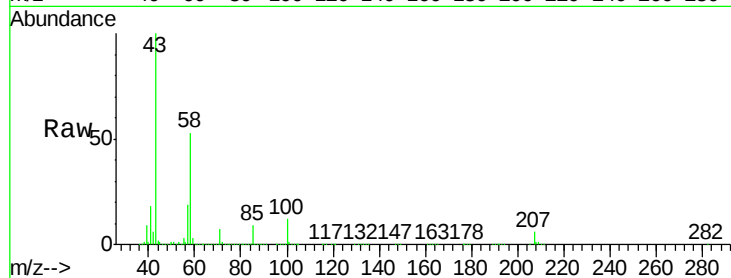
#59
 2-Hexanone
 Concen: 222.88 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	25.9	77.8

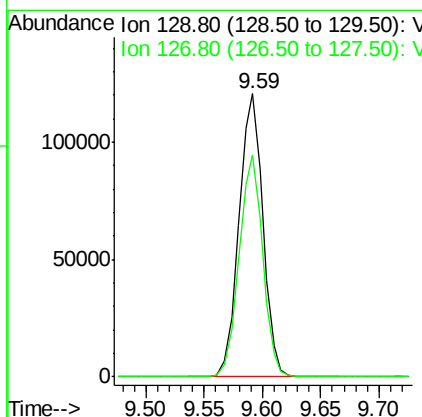
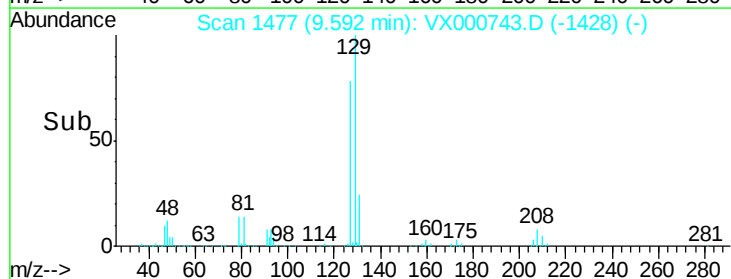
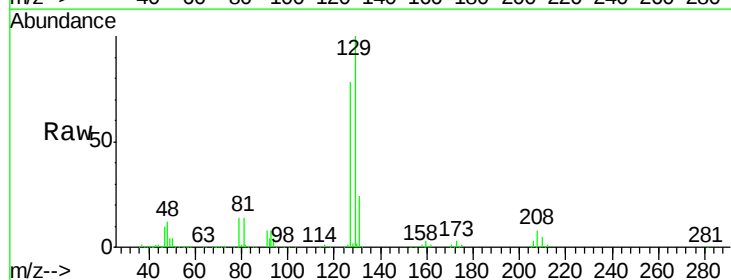
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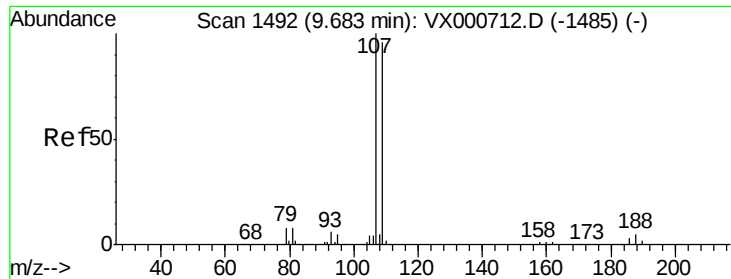
sam
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#60
 Dibromochloromethane
 Concen: 48.23 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.2	114.6





#61

1,2-Dibromoethane

Concen: 47.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 107 Resp: 145059

Ion Ratio Lower Upper

107 100

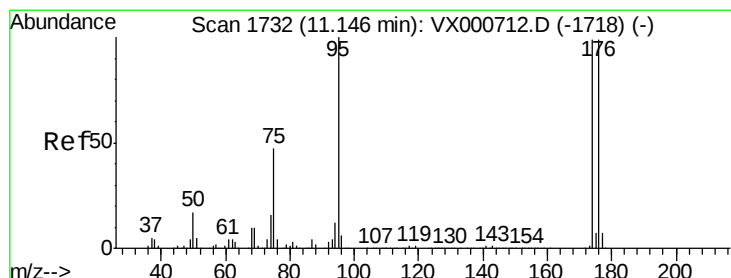
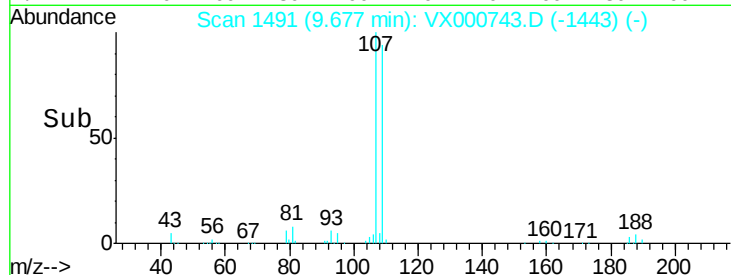
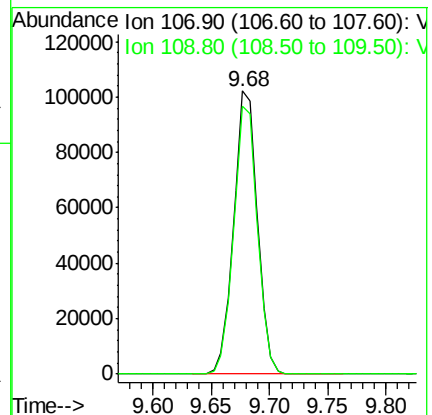
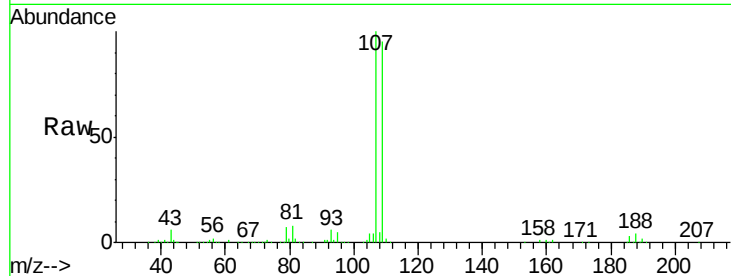
109 95.3 76.6 115.0

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 47.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

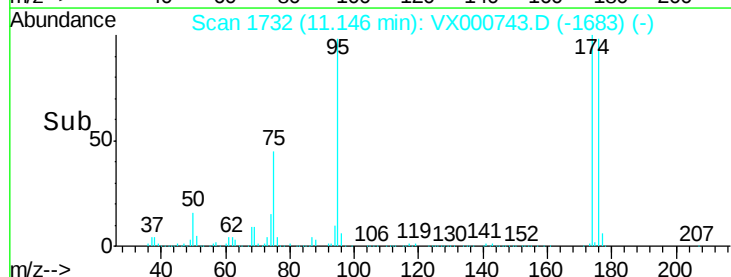
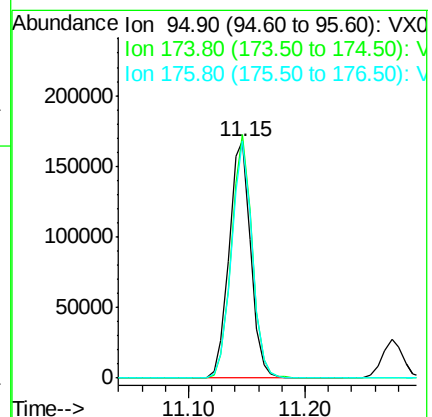
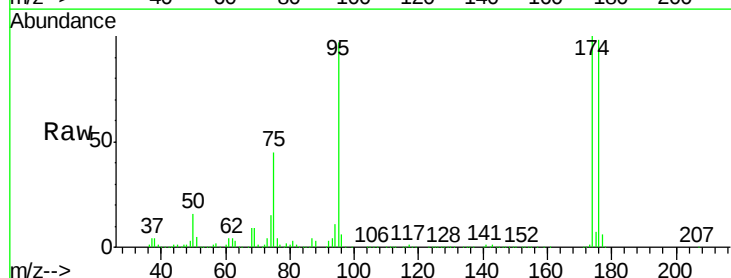
Tgt Ion: 95 Resp: 214596

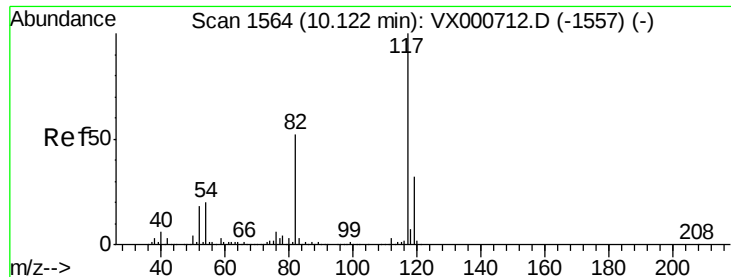
Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.6

176 96.4 0.0 187.0





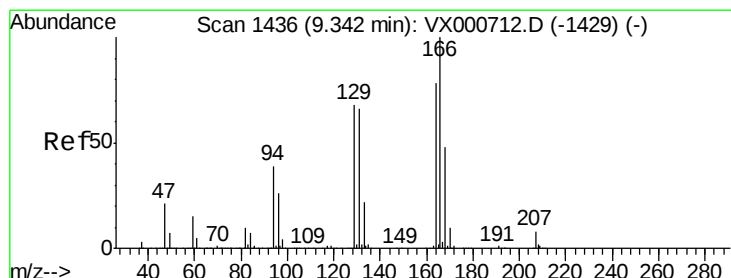
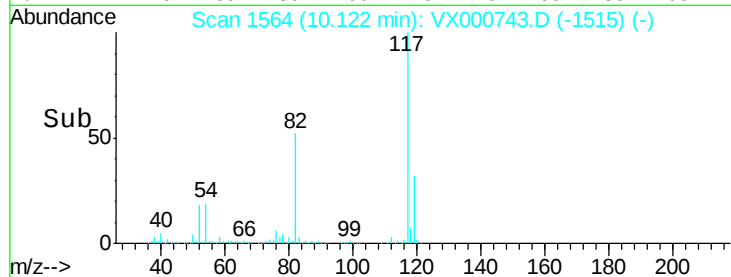
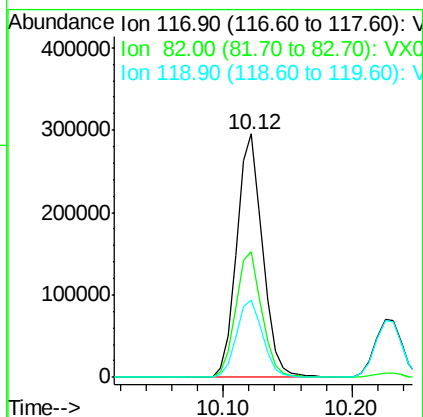
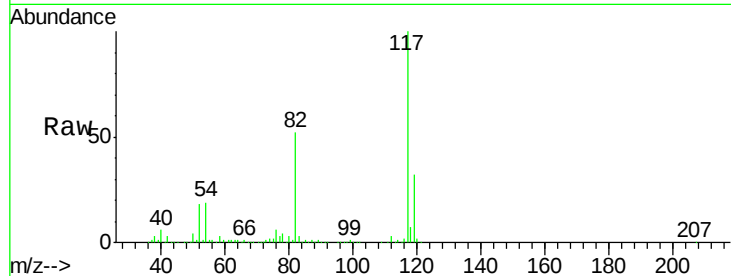
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	51.9	41.9	62.9
119	32.0	25.8	38.8

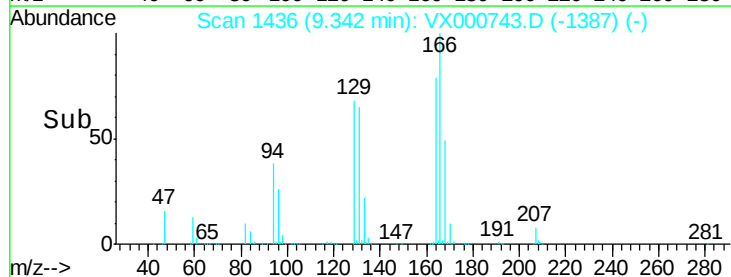
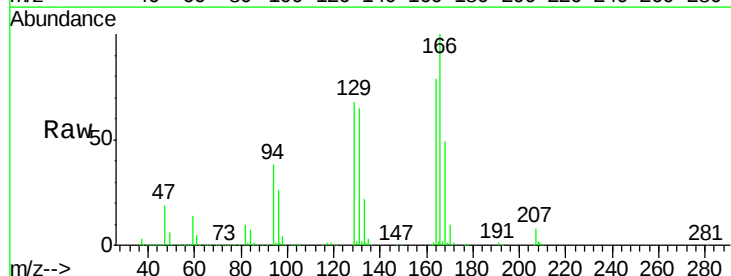
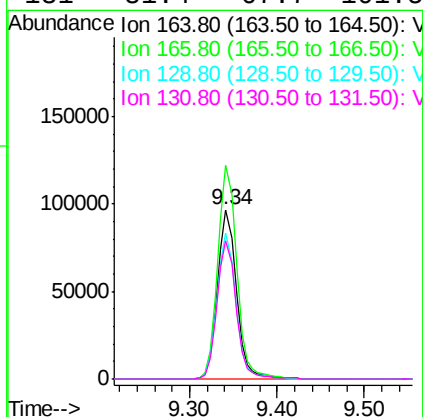
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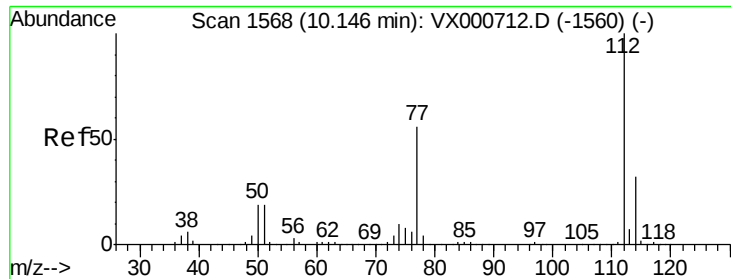
sam
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#64
Tetrachloroethene
Concen: 45.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.2	102.4	153.6
129	86.1	69.3	103.9
131	81.4	67.7	101.5





#65

Chlorobenzene

Concen: 47.78 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion:112 Resp: 403824

Ion Ratio Lower Upper

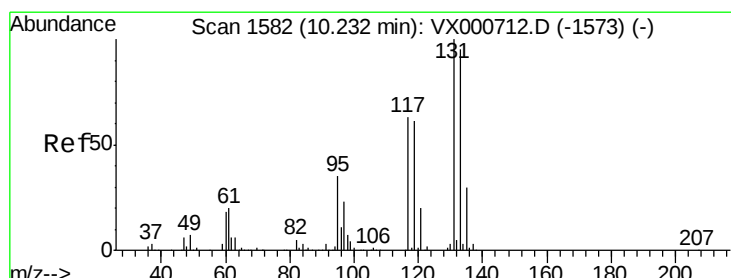
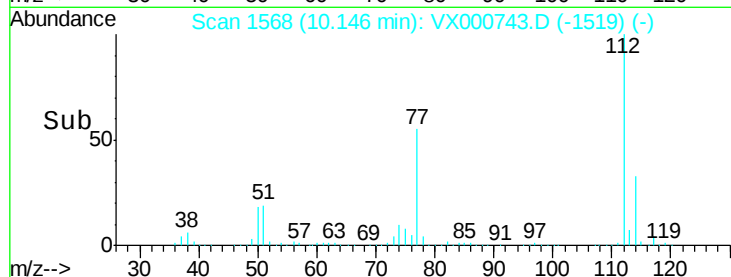
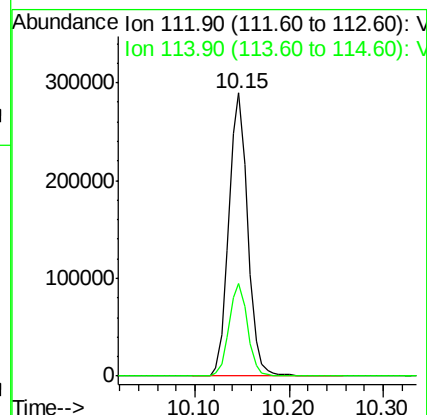
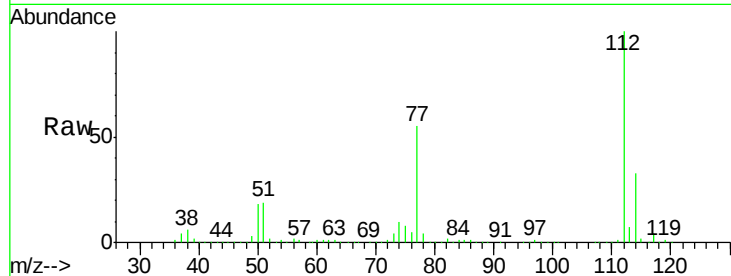
112 100

114 32.8 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 47.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

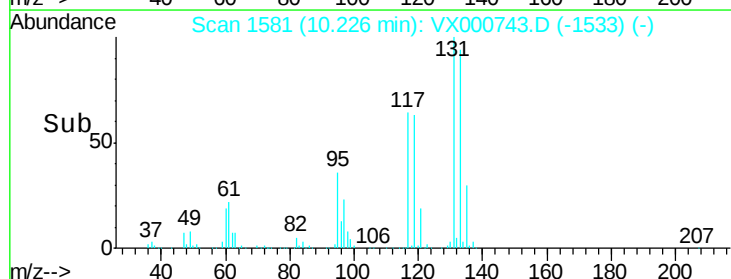
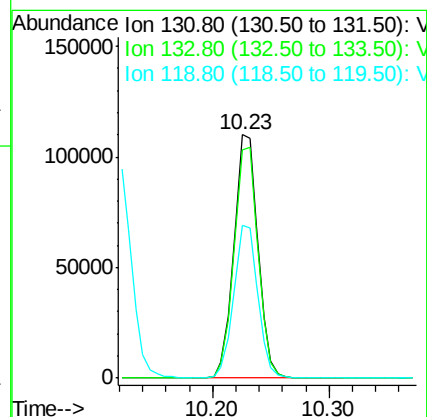
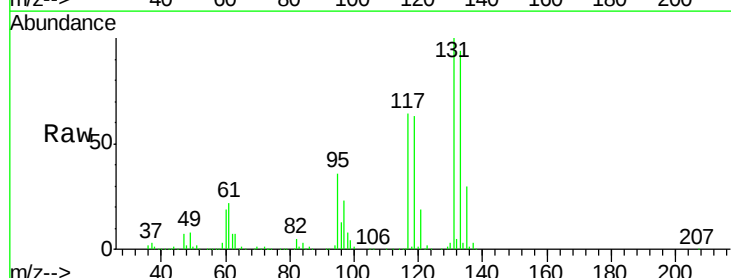
Tgt Ion:131 Resp: 158291

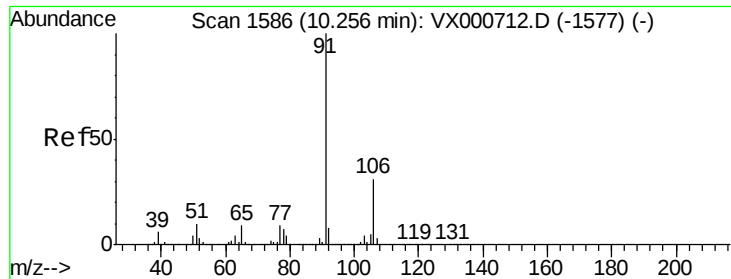
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 63.0 31.5 94.5





#67

Ethyl Benzene

Concen: 47.41 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 91 Resp: 672000

Ion Ratio Lower Upper

91 100

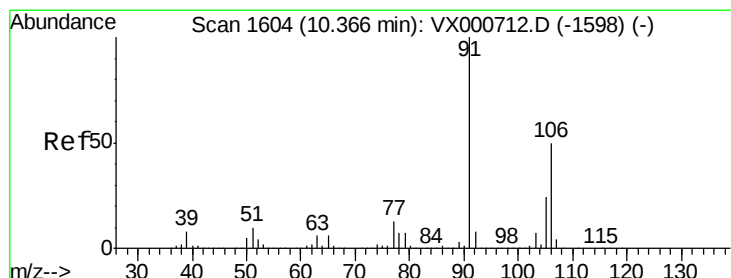
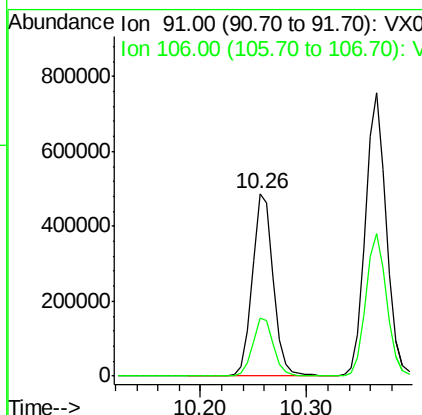
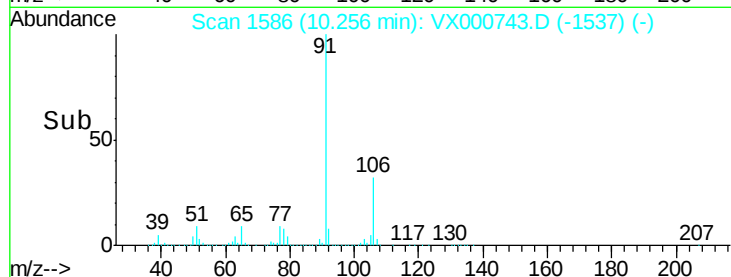
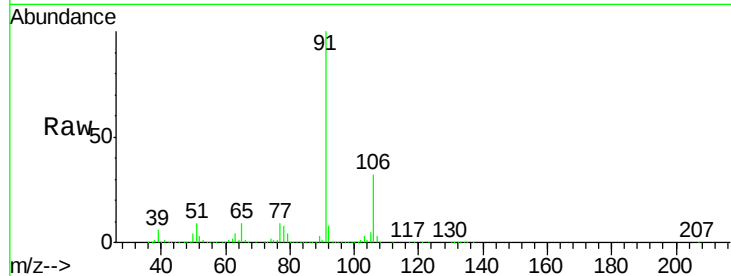
106 32.2 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.12 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000743.D

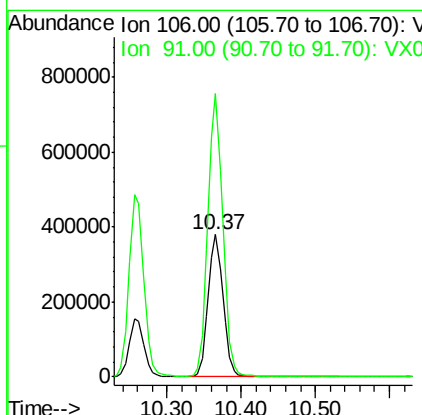
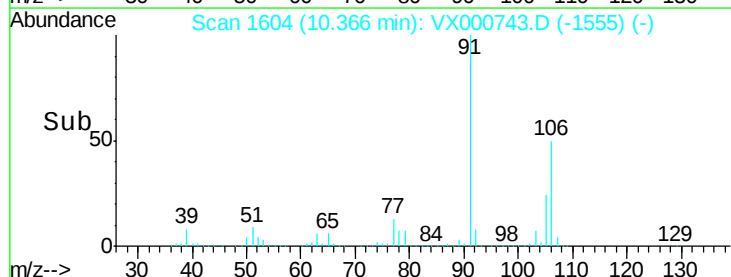
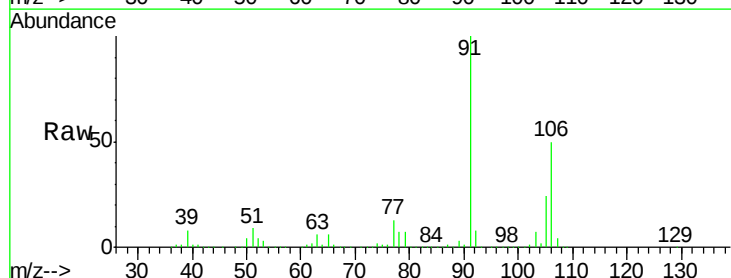
Acq: 08 Apr 2018 20:19

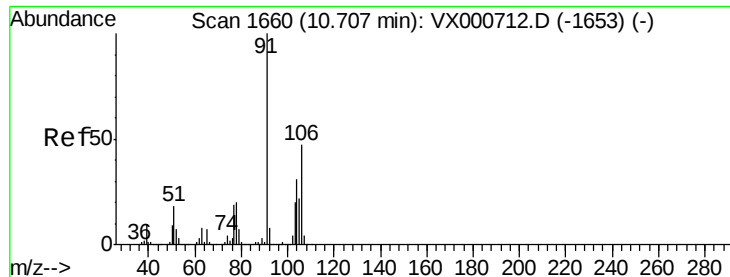
Tgt Ion: 106 Resp: 527539

Ion Ratio Lower Upper

106 100

91 197.9 159.7 239.5





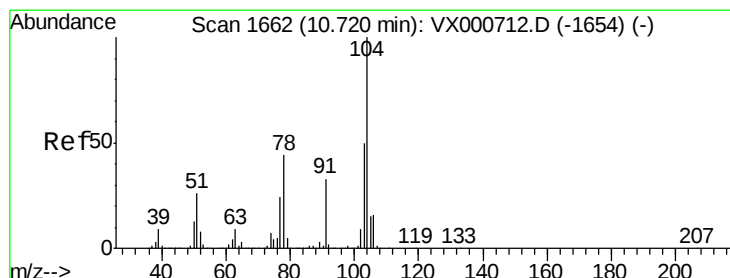
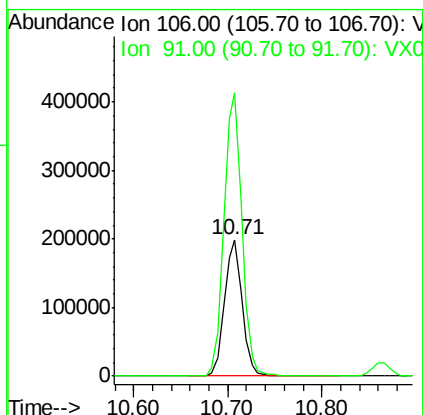
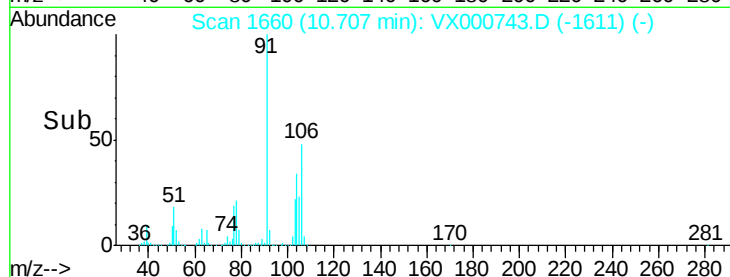
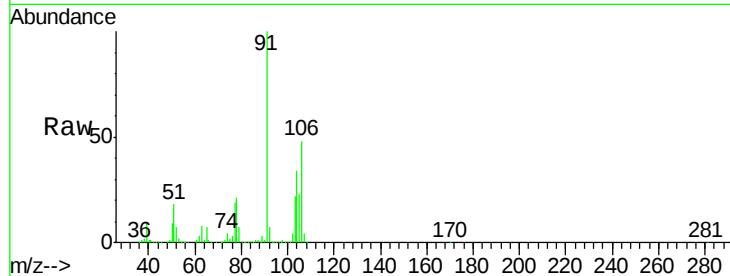
#69
o-Xylene
Concen: 47.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion:106 Resp: 257260
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.3

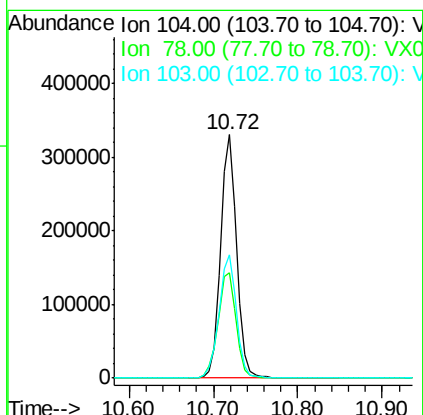
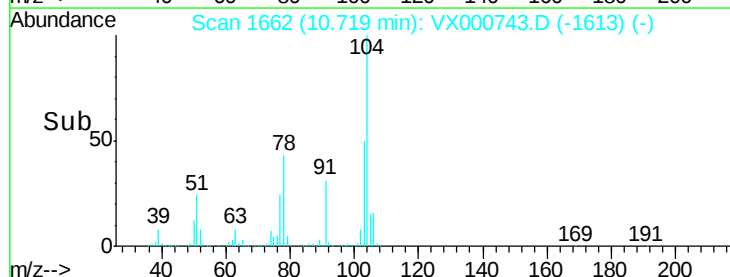
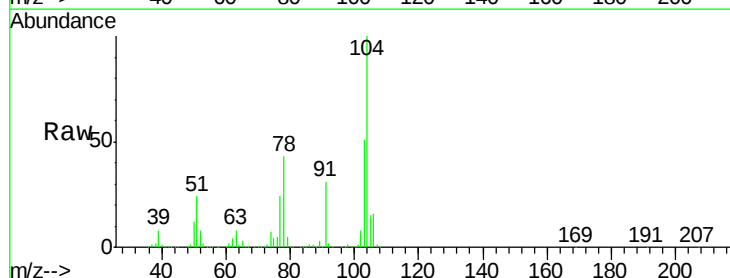
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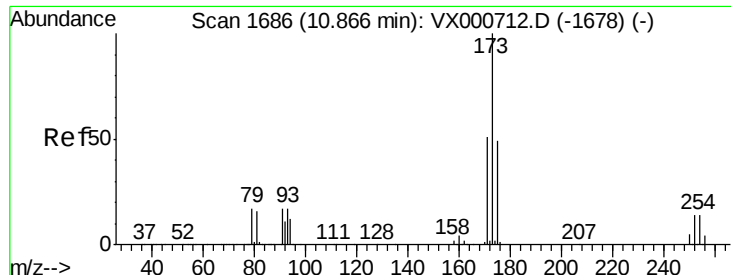
sam
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#70
Styrene
Concen: 47.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion:104 Resp: 436613
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 55.3 44.1 66.1





#71

Bromoform

Concen: 47.84 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

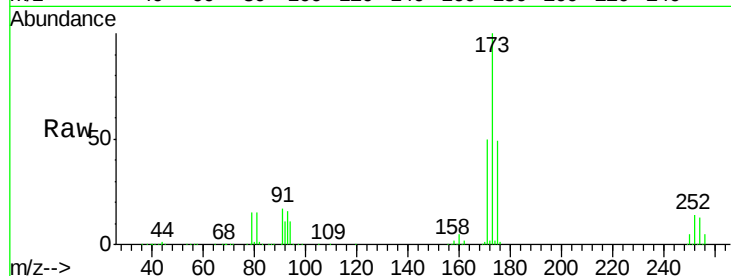
ClientSampleId :

MW-19-040218MS

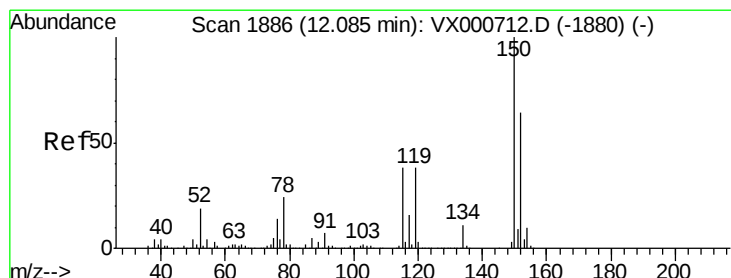
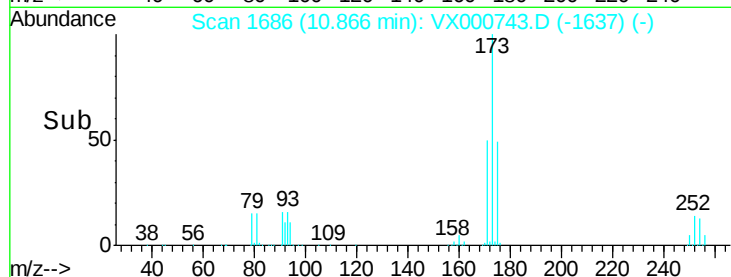
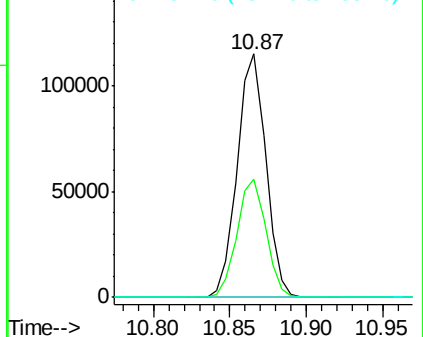
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

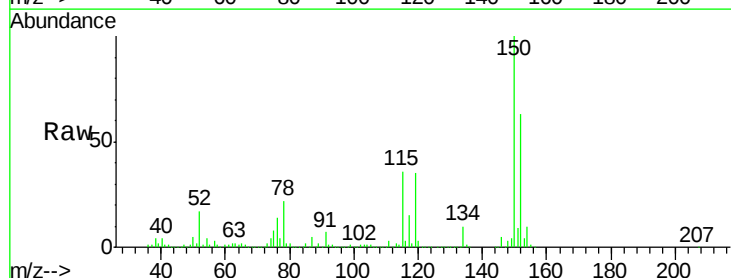
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

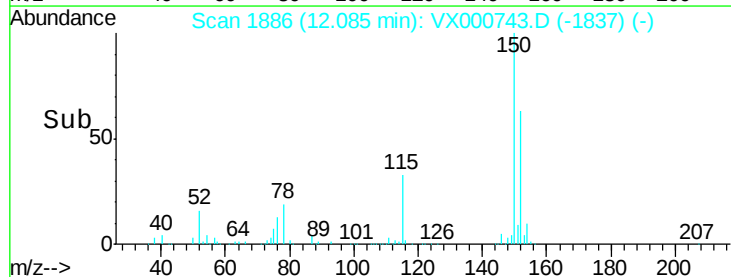
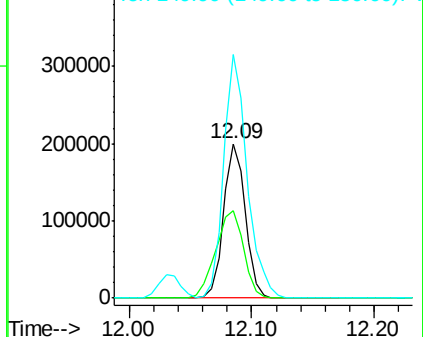
Lab File: VX000743.D

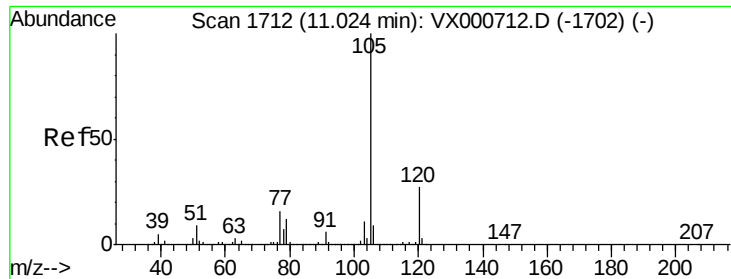
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.0	37.7	113.1
150	171.0	0.0	345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion:105 Resp: 701637

Ion Ratio Lower Upper

105 100

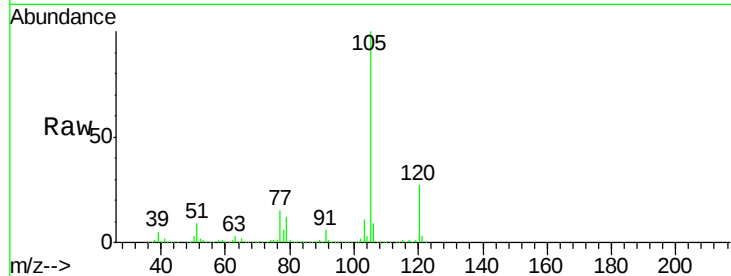
120 27.4 13.7 41.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

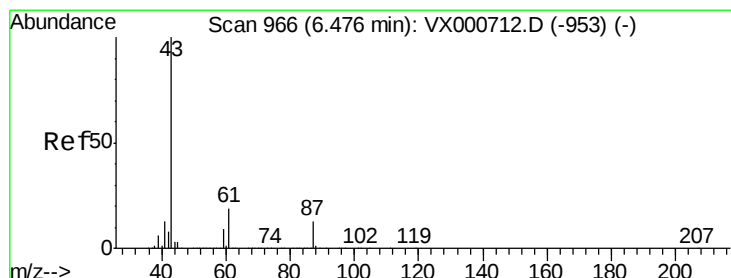
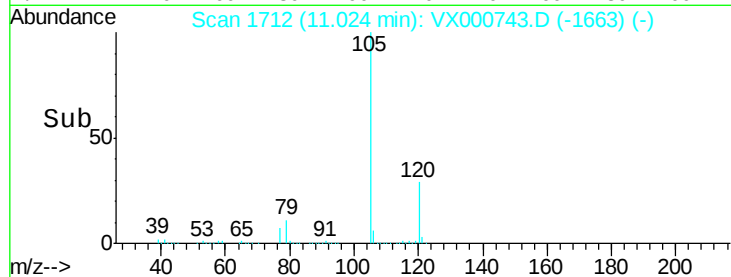
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 43.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion: 43 Resp: 309149

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.5 15.4 23.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

0

6.30

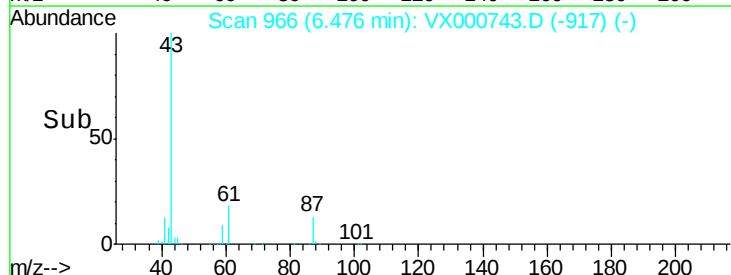
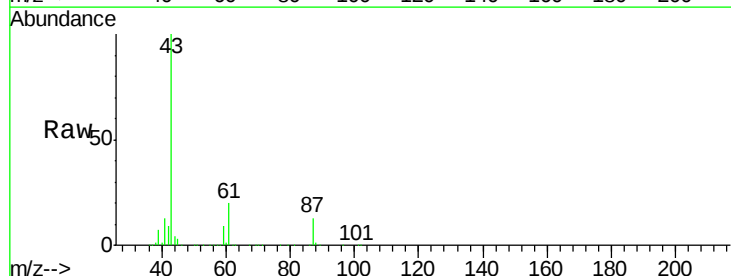
6.40

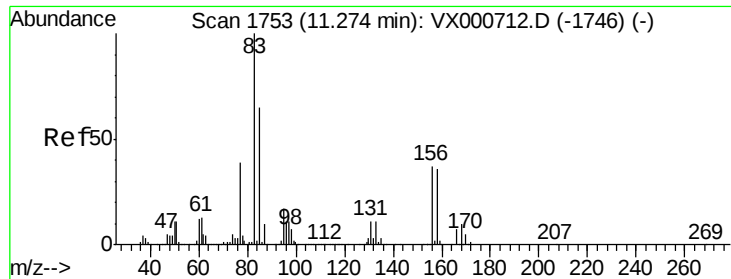
6.50

6.60

6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 83 Resp: 207488

Ion Ratio Lower Upper

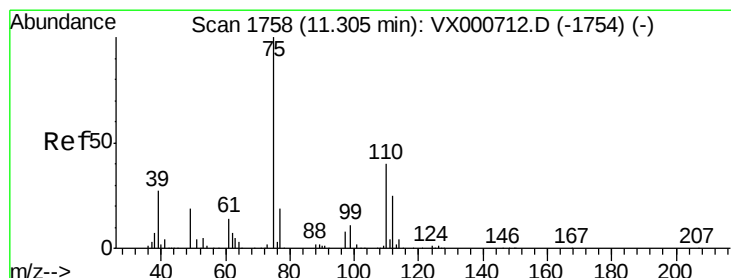
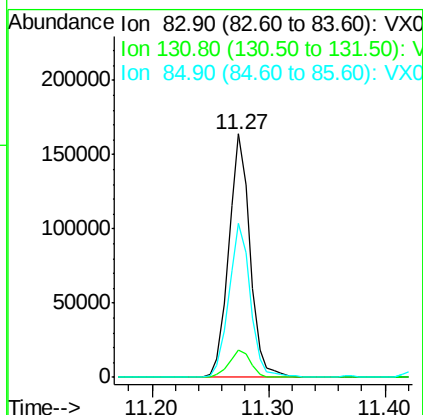
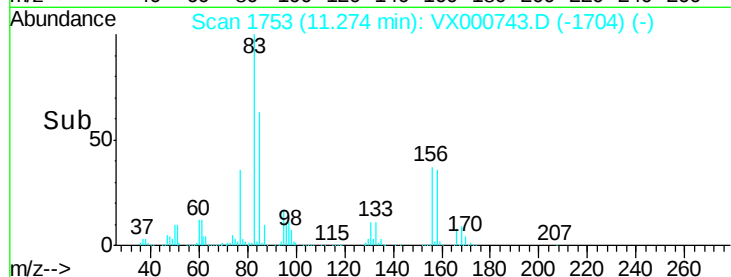
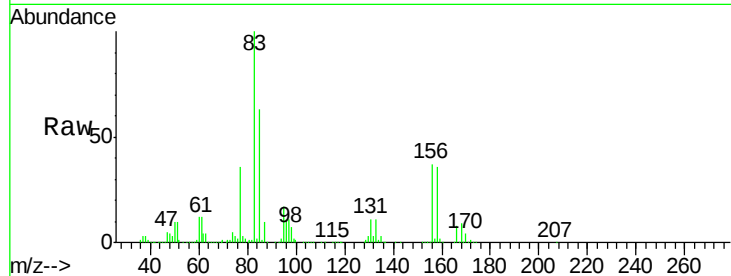
83 100

131 11.7 5.9 17.7

85 63.8 32.6 98.0

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#76

1,2,3-Trichloropropane

Concen: 45.75 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000743.D

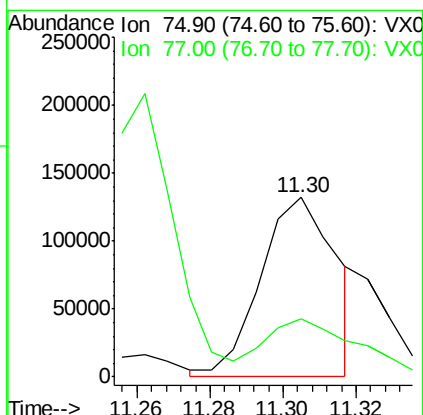
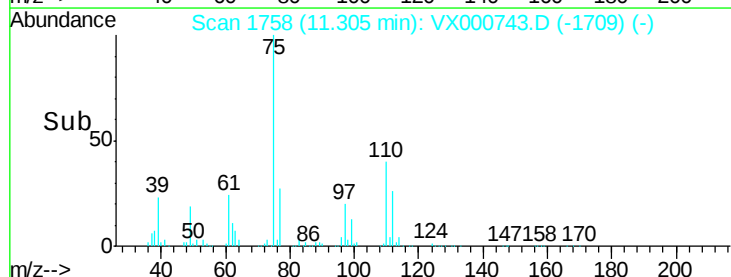
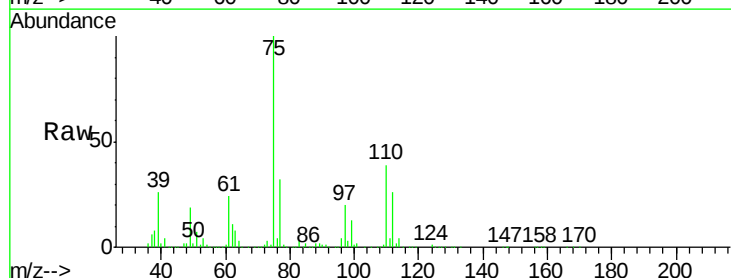
Acq: 08 Apr 2018 20:19

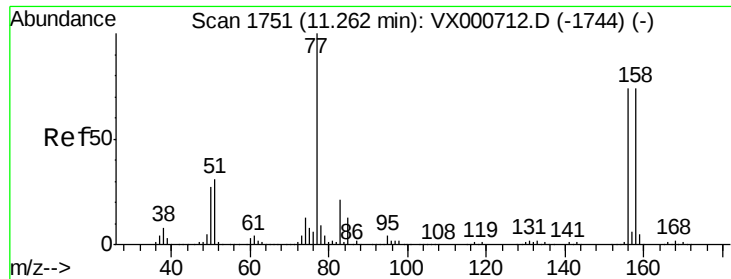
Tgt Ion: 75 Resp: 190653

Ion Ratio Lower Upper

75 100

77 39.5 21.3 63.7





#77

Bromobenzene

Concen: 48.94 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

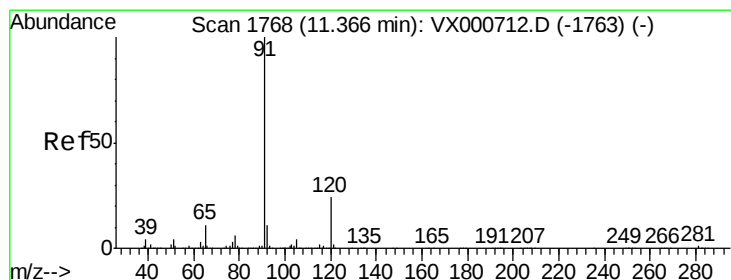
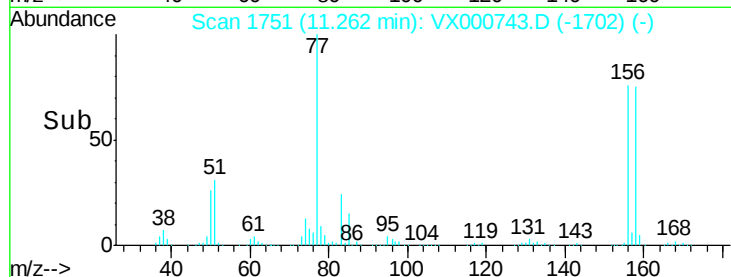
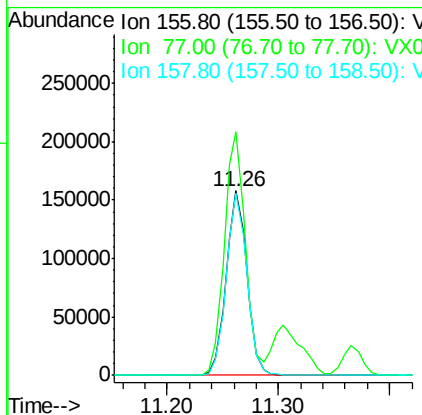
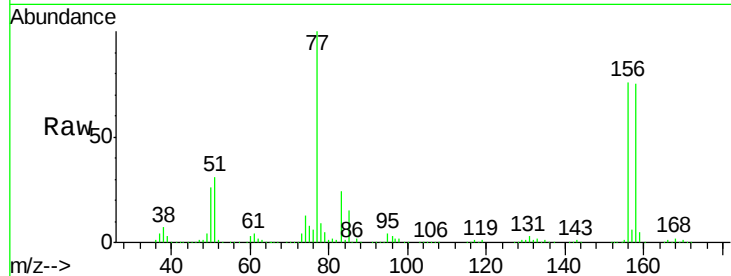
ClientSampleId :

MW-19-040218MS

Tot Ion:	156	Resp:	203217
Ion Ratio	Lower	Upper	
156	100		
77	133.5	68.3	205.1
158	98.3	49.1	147.3

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#78

n-propylbenzene

Concen: 47.03 ug/l

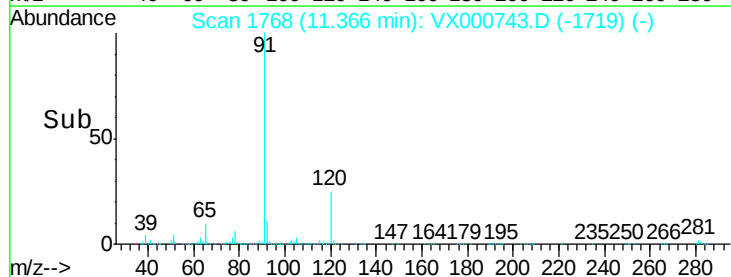
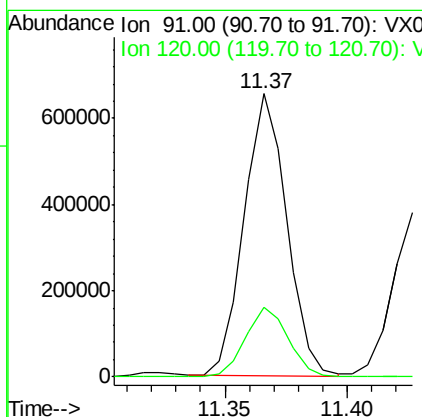
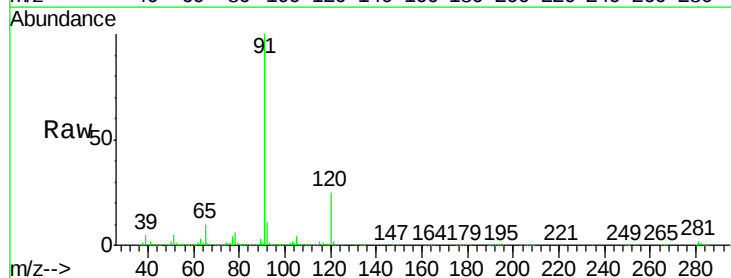
RT: 11.37 min Scan# 1768

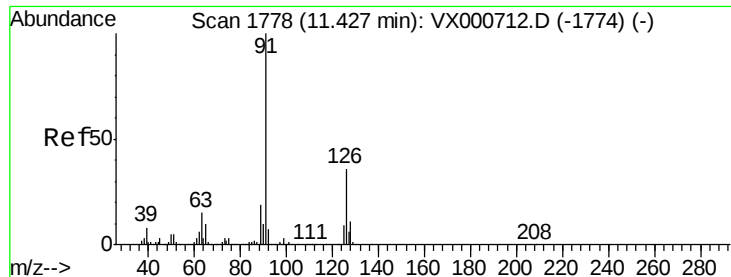
Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	91	Resp:	790152
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.5	37.5





#79

2-Chlorotoluene

Concen: 46.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 91 Resp: 468525

Ion Ratio Lower Upper

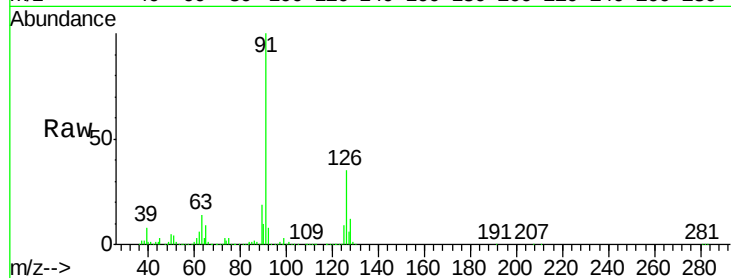
91 100

126 37.1 18.3 54.9

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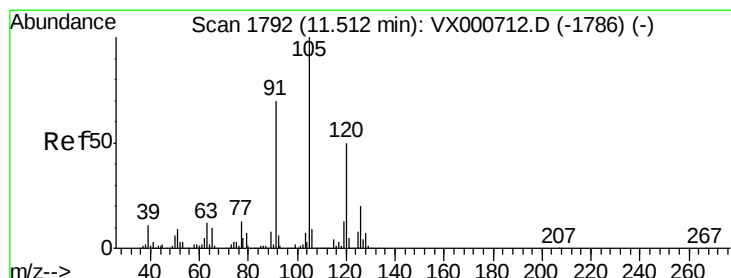
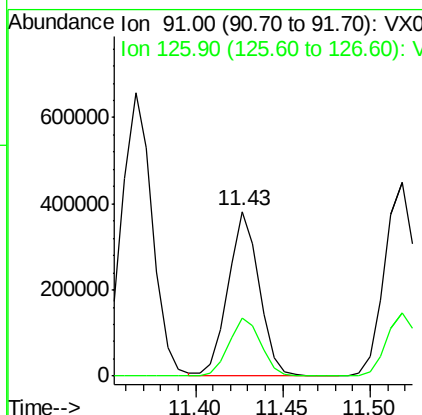
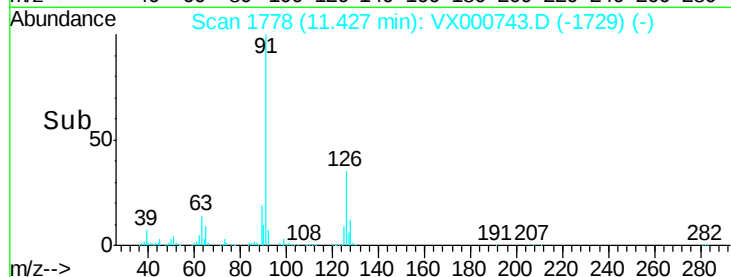
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Abundance Ion 91.00 (90.70 to 91.70): VX000743.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000743.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000743.D

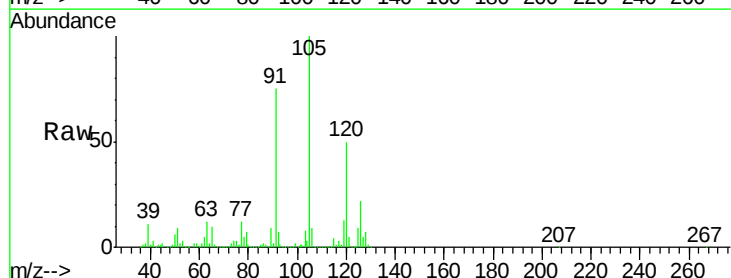
Acq: 08 Apr 2018 20:19

Tgt Ion: 105 Resp: 597247

Ion Ratio Lower Upper

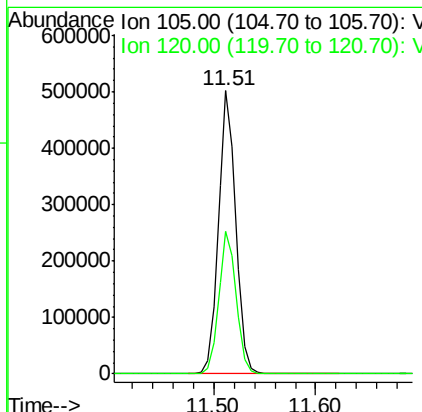
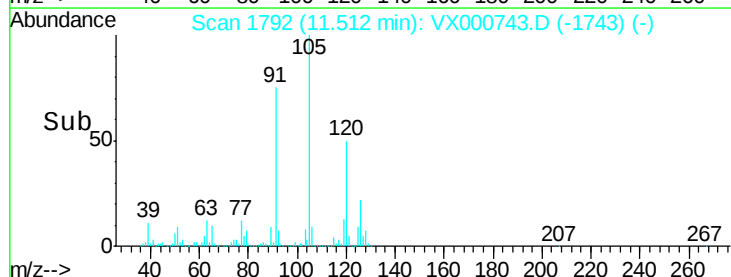
105 100

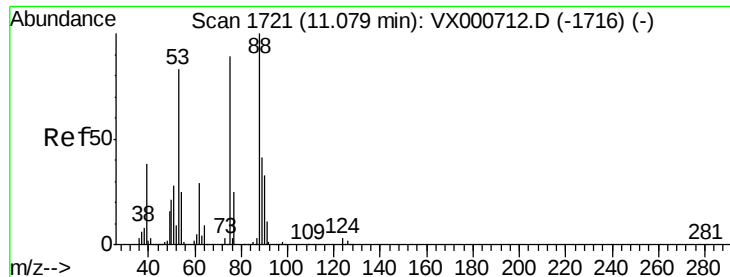
120 50.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000743.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000743.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 39.22 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion: 75 Resp: 62782

Ion Ratio Lower Upper

75 100

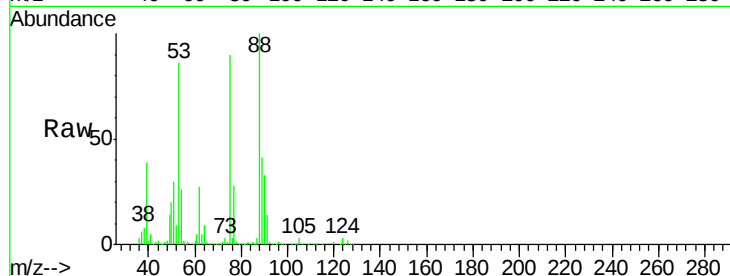
53 94.0 74.2 111.2

89 47.0 46.6 69.8

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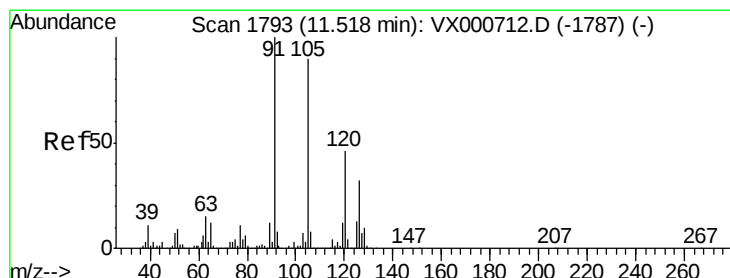
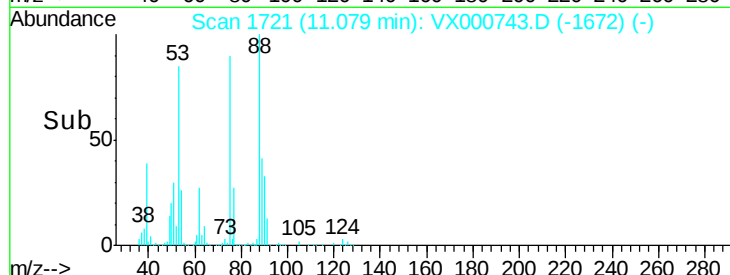
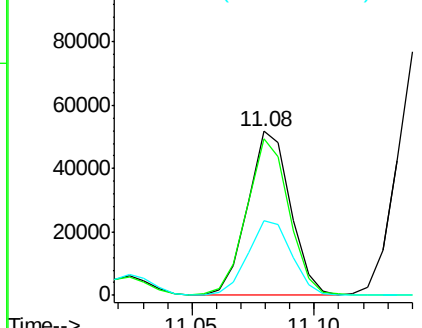
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.89 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000743.D

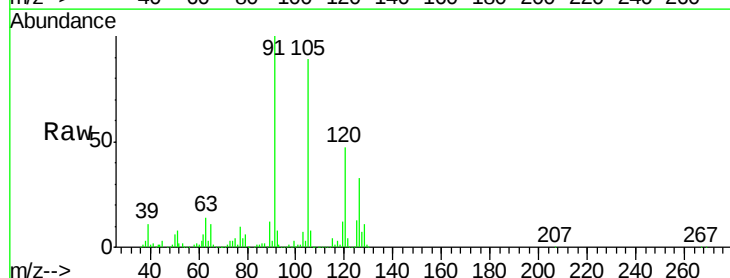
Acq: 08 Apr 2018 20:19

Tgt Ion: 91 Resp: 562947

Ion Ratio Lower Upper

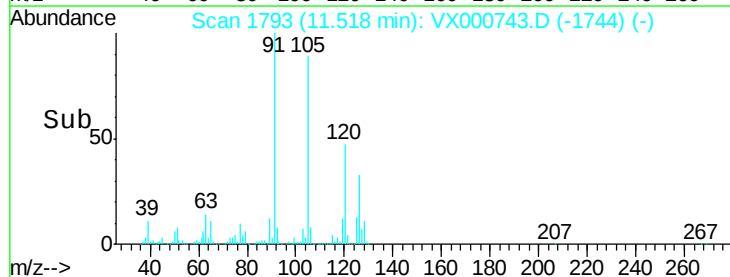
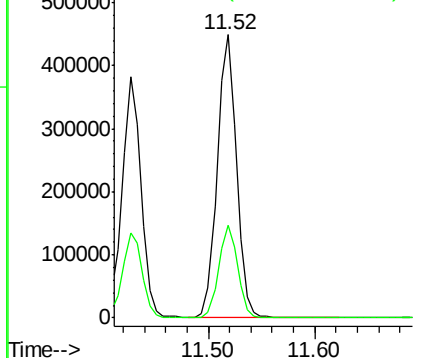
91 100

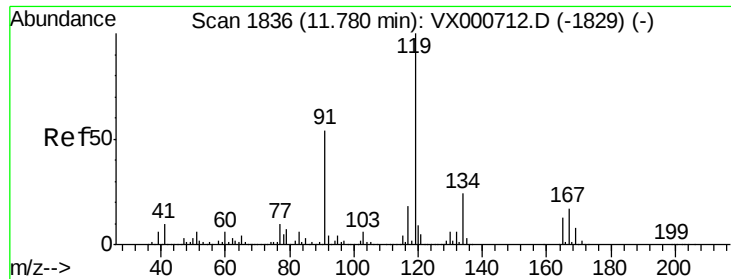
126 32.2 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





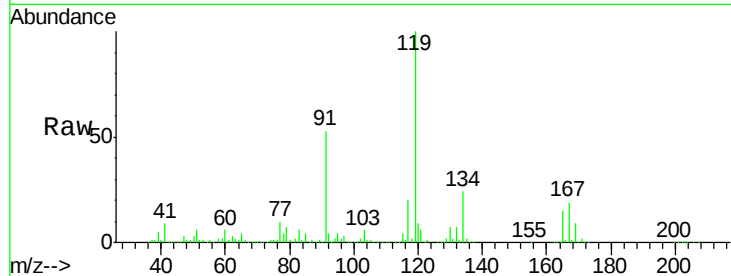
#83
 tert-Butylbenzene
 Concen: 48.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

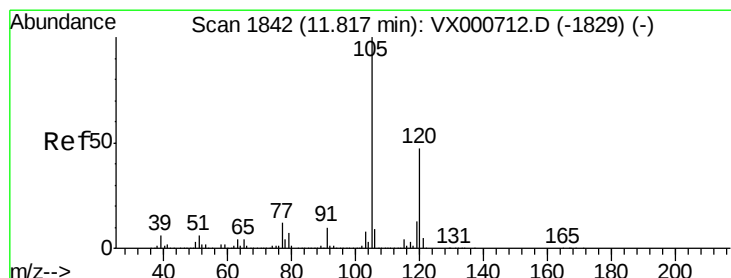
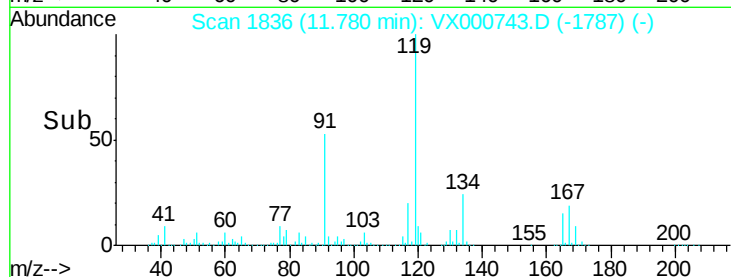
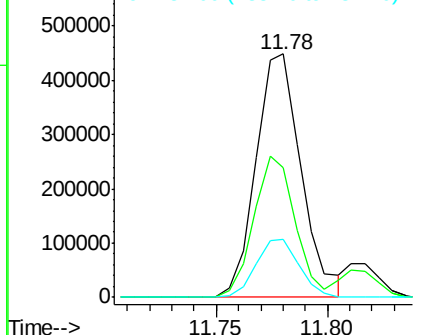
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.2	27.3	81.8
134	22.9	11.5	34.4

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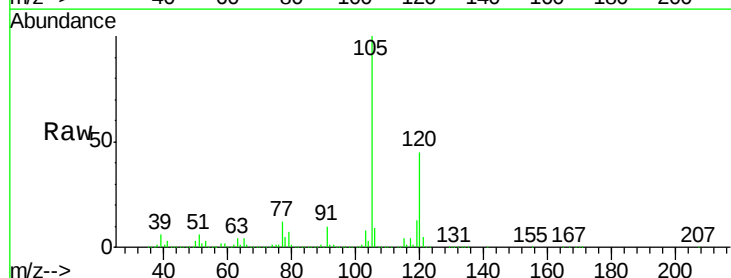


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

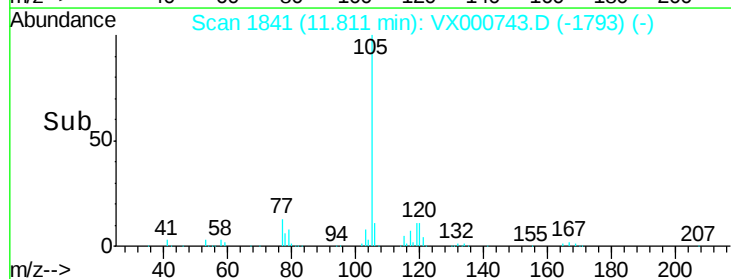
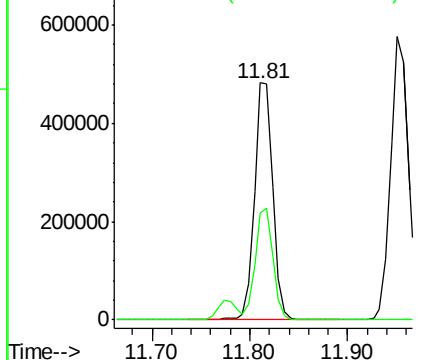


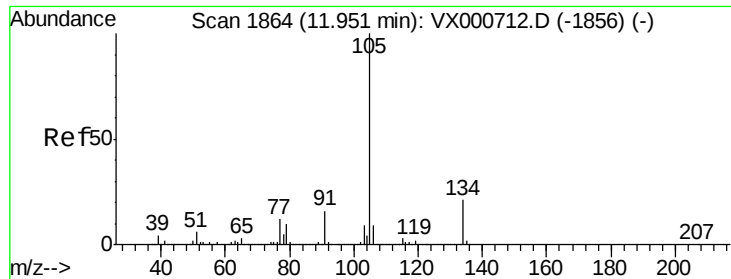
#84
 1,2,4-Trimethylbenzene
 Concen: 47.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.46 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tot Ion:105 Resp: 722035

Ion Ratio Lower Upper

105 100

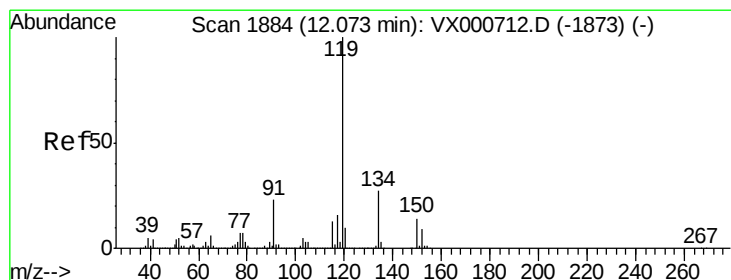
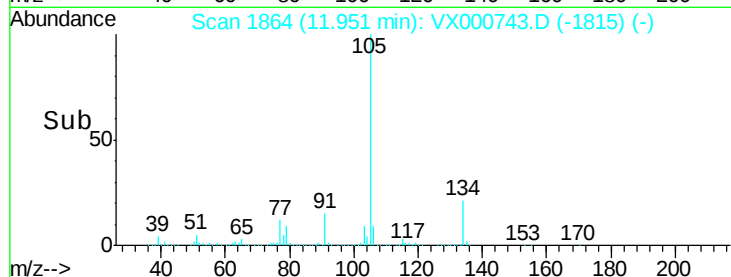
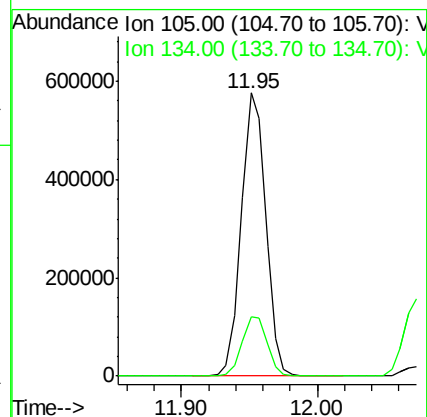
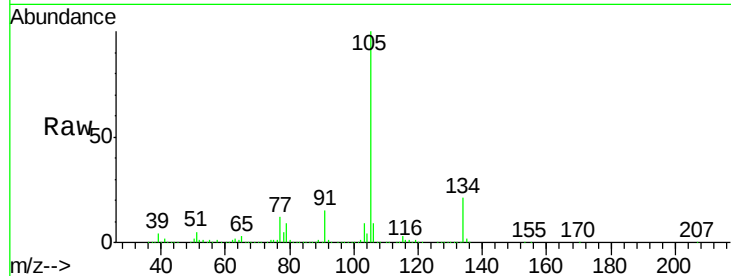
134 21.5 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 47.50 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

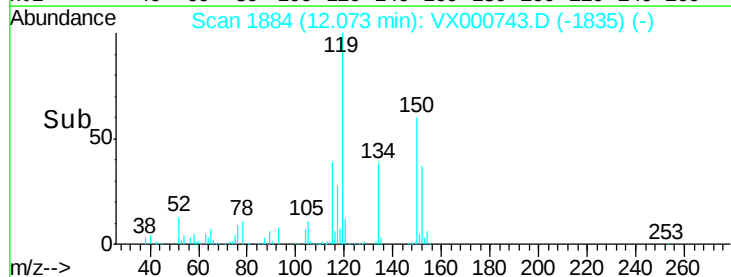
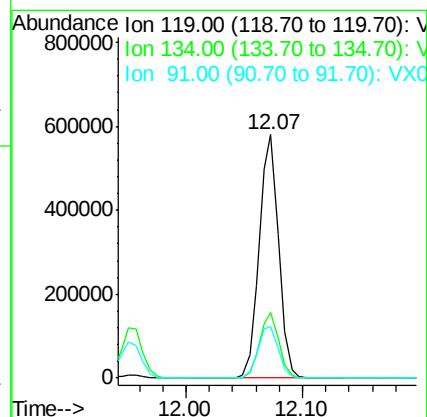
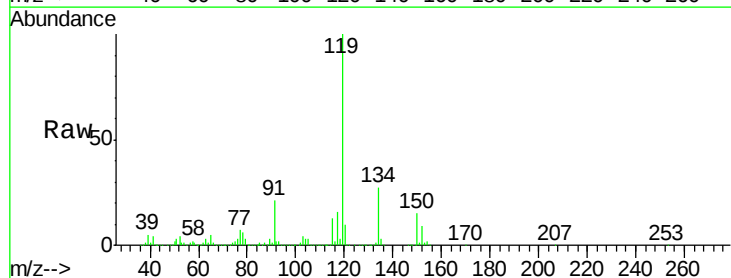
Tgt Ion:119 Resp: 675729

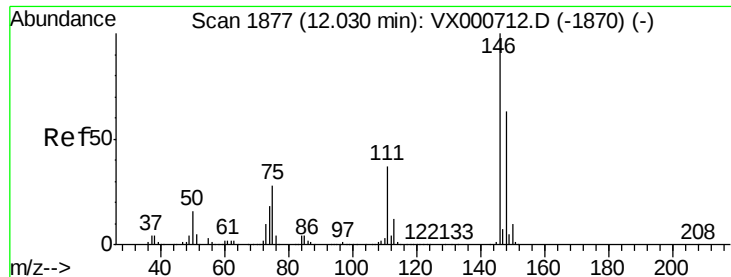
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 47.82 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

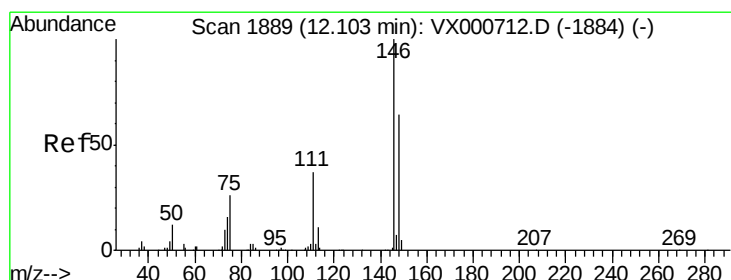
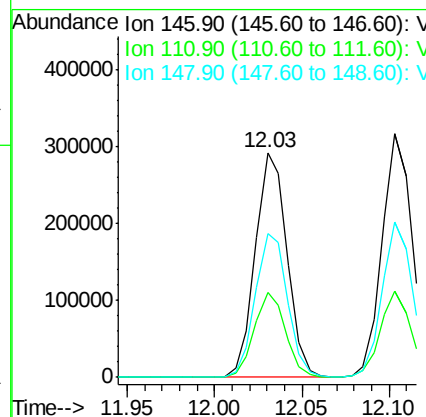
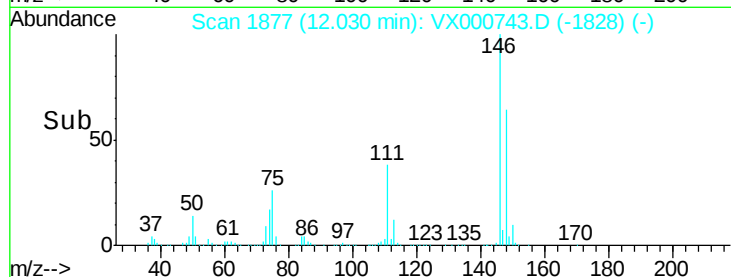
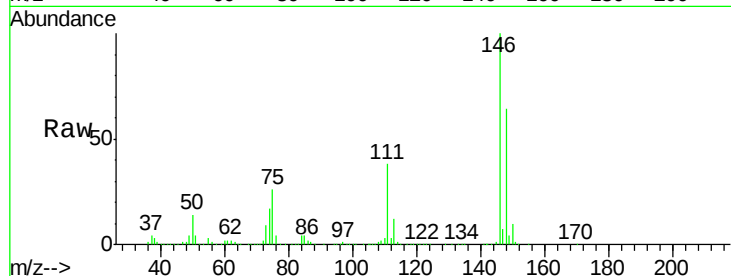
ClientSampleId :

MW-19-040218MS

Tot Ion:	146	Resp:	372107
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.6	55.8
148	64.8	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 47.73 ug/l

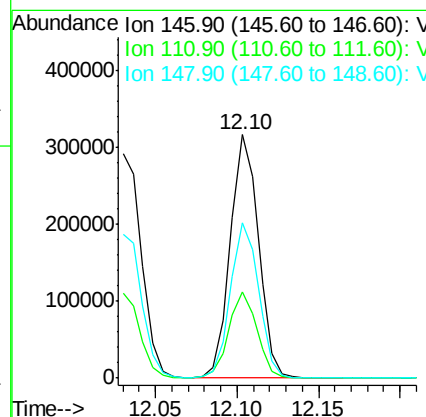
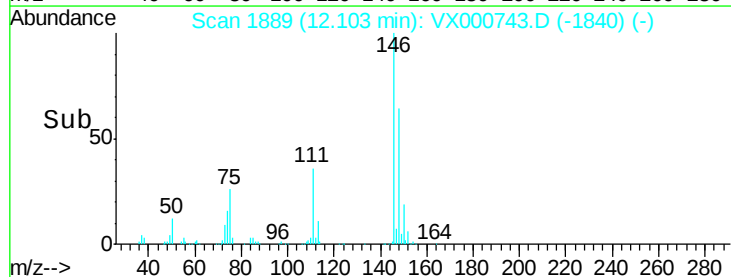
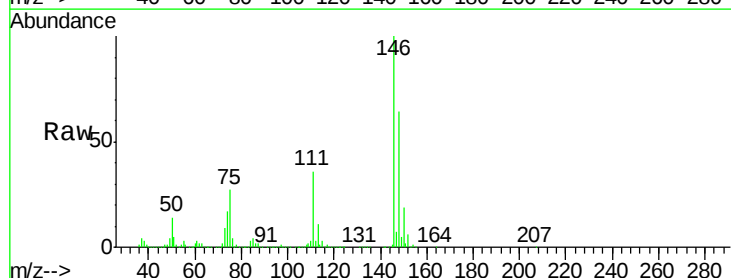
RT: 12.10 min Scan# 1889

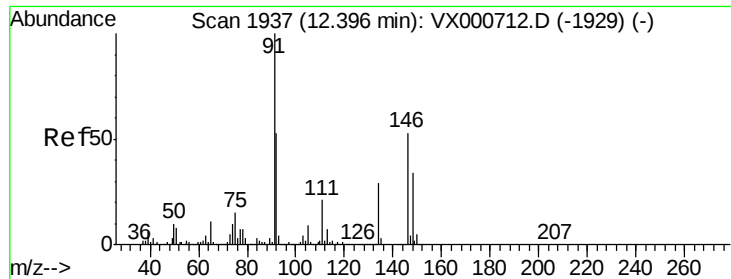
Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	146	Resp:	380705
Ion Ratio	Lower	Upper	
146	100		
111	35.6	18.2	54.6
148	64.0	32.1	96.5





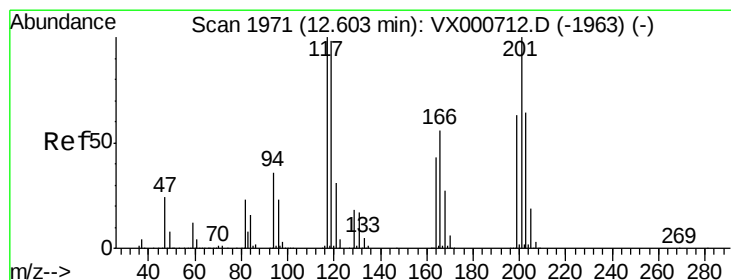
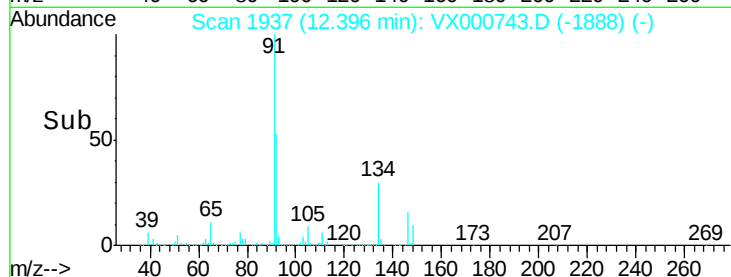
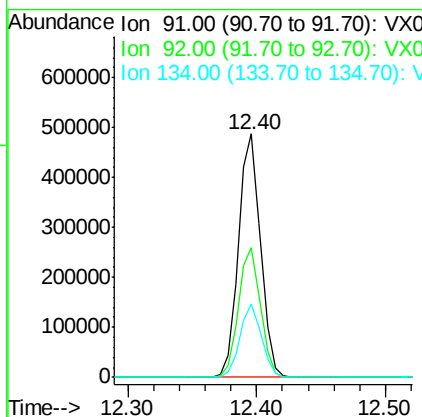
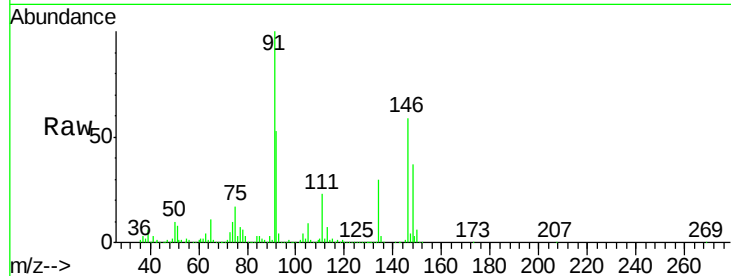
#89
n-Butylbenzene
Concen: 45.44 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	29.3	14.4	43.0

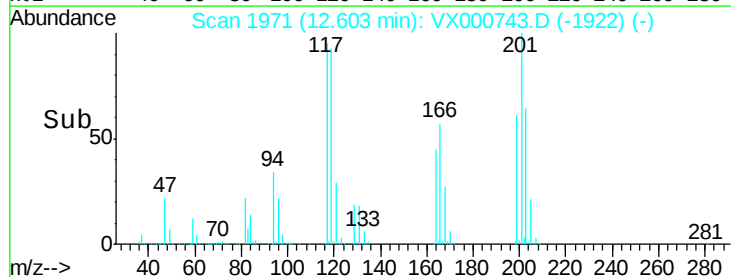
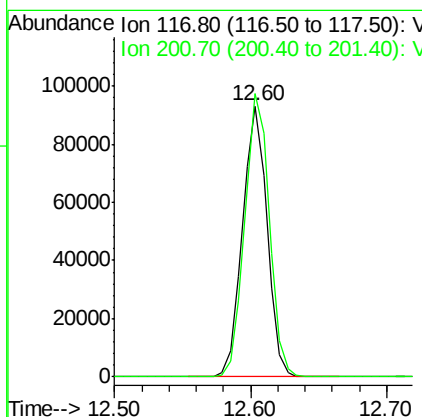
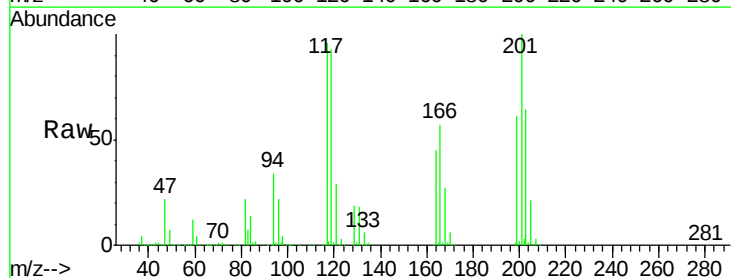
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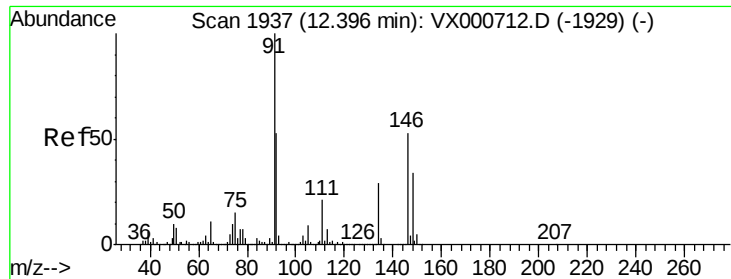
sam
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#90
Hexachloroethane
Concen: 45.32 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.4	51.2	153.6





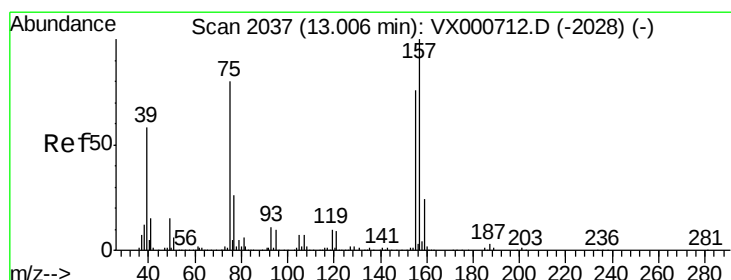
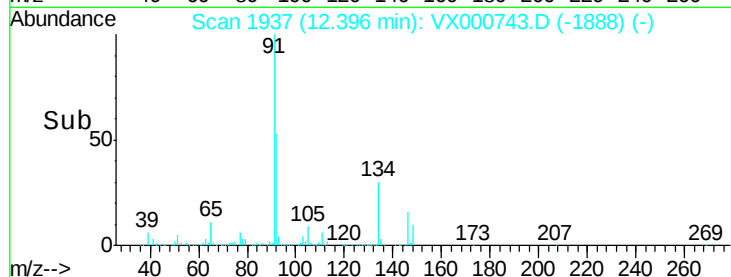
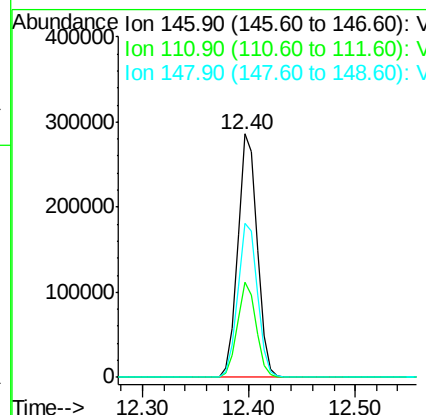
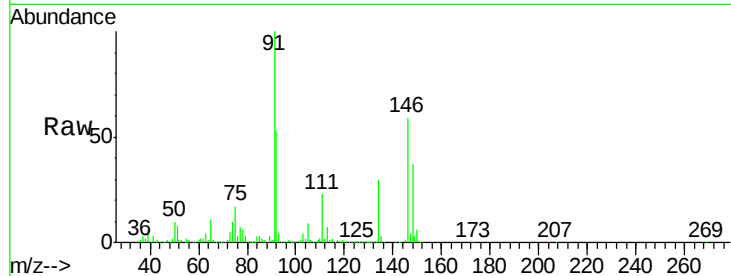
#91
 1,2-Dichlorobenzene
 Concen: 48.28 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	366680		
111	38.1	19.3	57.9	
148	64.3	31.9	95.7	

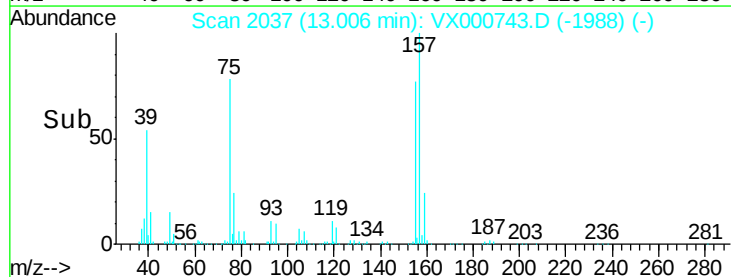
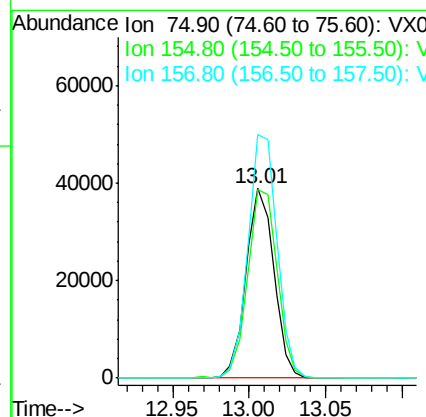
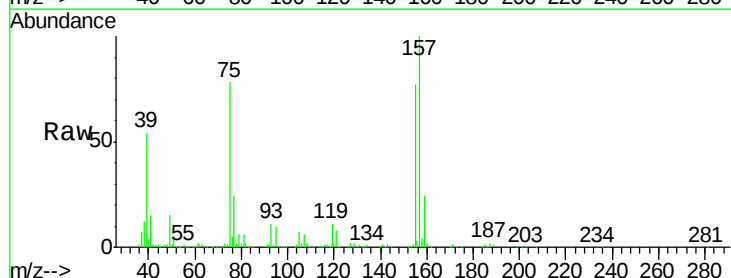
Manual Integrations
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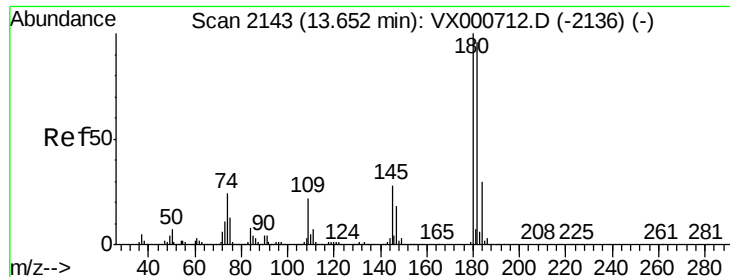
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49456		
155	104.7	48.4	145.0	
157	133.9	62.8	188.5	





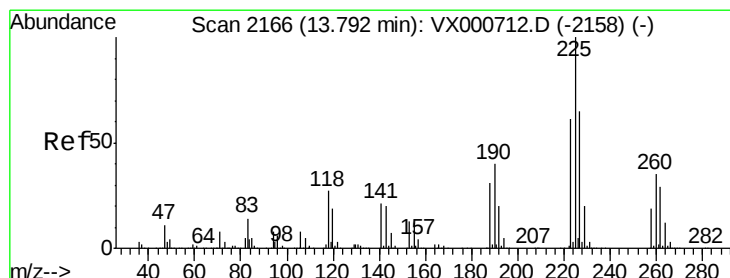
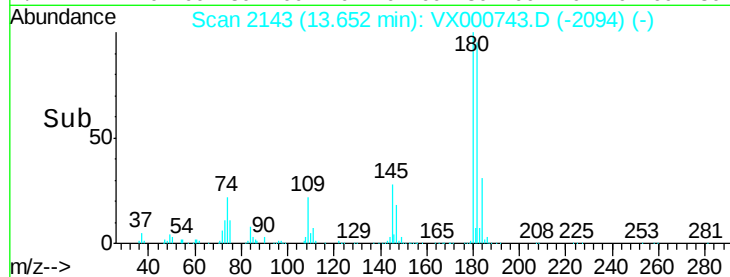
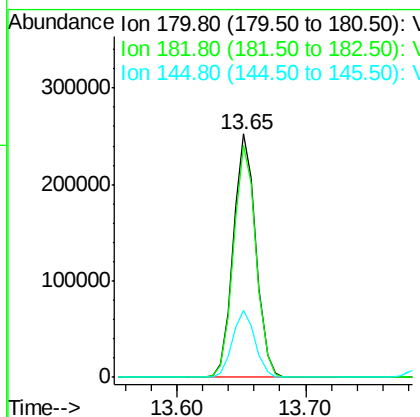
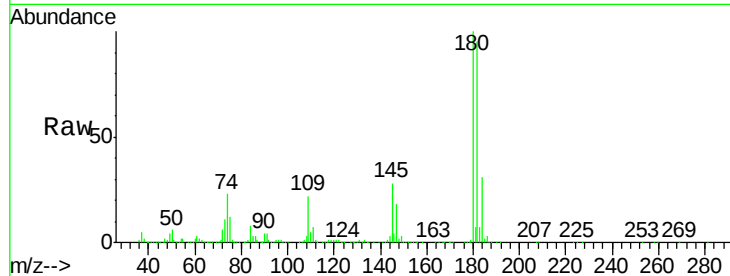
#93
 1,2,4-Trichlorobenzene
 Concen: 47.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	307103		
182	95.6	47.9	143.7	
145	27.6	14.1	42.3	

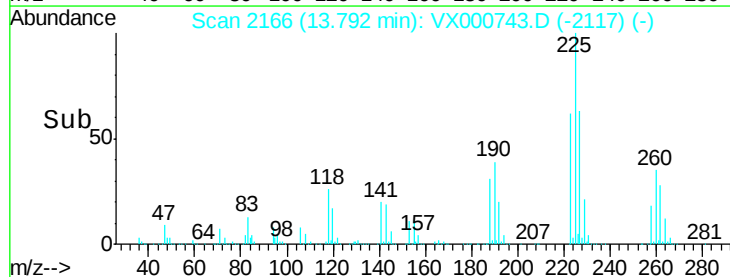
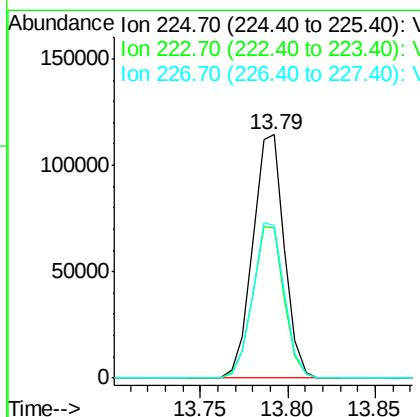
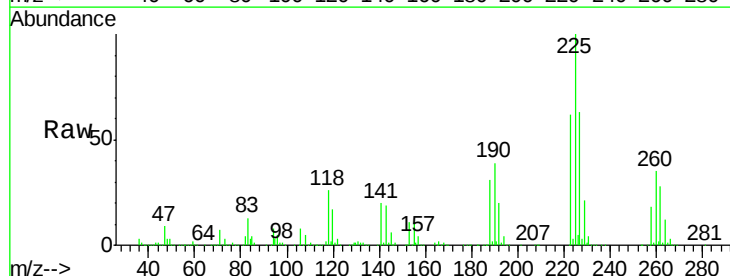
Manual Integrations
 APPROVED

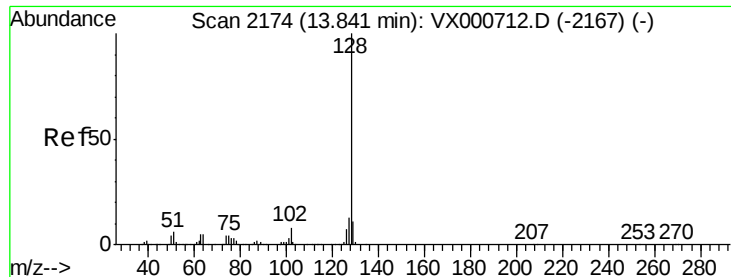
sam
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#94
 Hexachlorobutadiene
 Concen: 45.25 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144009		
223	62.2	30.9	92.8	
227	63.9	31.9	95.7	





#95

Naphthalene

Concen: 48.59 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

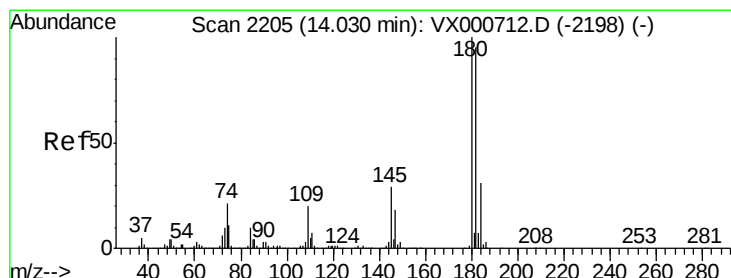
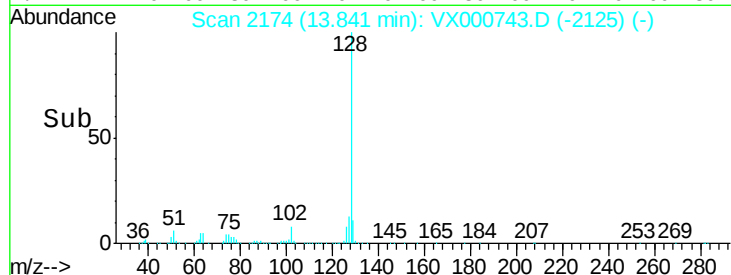
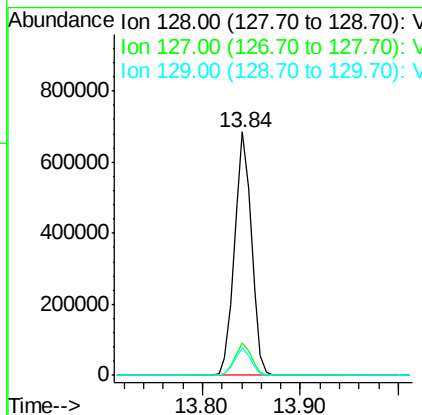
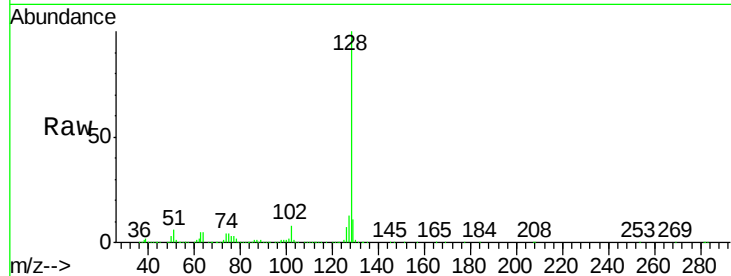
ClientSampleId :

MW-19-040218MS

Tot Ion:	128	Resp:	822319
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

sam
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#96

1,2,3-Trichlorobenzene

Concen: 48.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion:	180	Resp:	303144
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.3
145	29.3	14.9	44.9

