

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004808.D
 Acq On : 28 Sep 2018 07:17
 Operator : JC/MD
 Sample : J5020-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Manual Integrations
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 9/28/2018 2:26:11 PM

Quant Time: Sep 28 08:41:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	235460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	177185	52.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.36%	
35) Dibromofluoromethane	5.50	113	142731	48.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	524977	53.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	193859	54.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	159727	49.753	ug/l	95
3) Chloromethane	1.32	50	208172	53.446	ug/l	100
4) Vinyl Chloride	1.40	62	203814	55.791	ug/l	97
5) Bromomethane	1.64	94	87017	40.169	ug/l	97
6) Chloroethane	1.71	64	138726	70.642	ug/l	100
7) Trichlorofluoromethane	1.92	101	246224	54.443	ug/l	96
8) Diethyl Ether	2.19	74	104776	53.328	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117263	45.518	ug/l	99
10) Methyl Iodide	2.51	142	126509	36.698	ug/l	98
11) Tert butyl alcohol	3.07	59	241134	256.395	ug/l	100
12) 1,1-Dichloroethene	2.37	96	136305	53.426	ug/l	93
13) Acrolein	2.29	56	143893	215.039	ug/l	93
14) Allyl chloride	2.73	41	296961	53.346	ug/l	95
15) Acrylonitrile	3.15	53	548988	265.166	ug/l	97
16) Acetone	2.45	43	494945	252.046	ug/l	95
17) Carbon Disulfide	2.57	76	415237	54.164	ug/l	99
18) Methyl Acetate	2.78	43	268180	53.903	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	524221	59.569	ug/l	97
20) Methylene Chloride	2.85	84	163297	57.317	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	150225	53.789	ug/l	97
22) Diisopropyl ether	3.87	45	530053	56.546	ug/l	94
23) Vinyl Acetate	3.82	43	2205268	257.012	ug/l	96
24) 1,1-Dichloroethane	3.70	63	280085	50.090	ug/l	99
25) 2-Butanone	4.70	43	744011	257.038	ug/l	93
26) 2,2-Dichloropropane	4.58	77	133985	34.410	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	173889	55.734	ug/l	95
28) Bromochloromethane	5.01	49	139168	52.852	ug/l	90
29) Tetrahydrofuran	5.15	42	482805	268.363	ug/l	92
30) Chloroform	5.21	83	272262	51.520	ug/l	96
31) Cyclohexane	5.57	56	227541	53.168	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	232374	53.842	ug/l	99
36) 1,1-Dichloropropene	5.79	75	206433	51.109	ug/l	100
37) Ethyl Acetate	4.86	43	258616	48.236	ug/l	98
38) Carbon Tetrachloride	5.78	117	208276	49.054	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192012	46.555	ug/l	95
40) Benzene	6.14	78	635728	50.274	ug/l	100
41) Methacrylonitrile	5.06	41	149237	50.191	ug/l	96
42) 1,2-Dichloroethane	6.20	62	223486	49.995	ug/l	97
43) Isopropyl Acetate	6.46	43	404143	52.225	ug/l	95
44) Trichloroethene	7.21	130	159446	51.292	ug/l	92
45) 1,2-Dichloropropane	7.52	63	166387	53.656	ug/l	100
46) Dibromomethane	7.66	93	105448	54.108	ug/l	97
47) Bromodichloromethane	7.90	83	205787	56.399	ug/l	100
48) Methyl methacrylate	7.77	41	212132	60.395	ug/l	95
49) 1,4-Dioxane	7.76	88	80622	923.909	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1410564	289.493	ug/l	96
52) Toluene	8.79	92	386680	55.651	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	214839	52.104	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	227711	52.726	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	160022	52.577	ug/l	97
56) Ethyl methacrylate	9.18	69	254822	51.503	ug/l	95
57) 1,3-Dichloropropane	9.37	76	271056	53.510	ug/l	100
59) 2-Hexanone	9.50	43	1110880	273.590	ug/l	94
60) Dibromochloromethane	9.59	129	163980	53.873	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166612	51.115	ug/l	100
64) Tetrachloroethene	9.34	164	142604	43.072	ug/l	97
65) Chlorobenzene	10.14	112	424916	49.260	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	154098	50.815	ug/l	99
67) Ethyl Benzene	10.26	91	724514	52.904	ug/l	99
68) m/p-Xylenes	10.36	106	568156	106.166	ug/l	94
69) o-Xylene	10.70	106	273650	55.672	ug/l	96
70) Styrene	10.71	104	458469	49.875	ug/l	97
71) Bromoform	10.86	173	134246	51.708	ug/l #	99
73) Isopropylbenzene	11.02	105	800508	61.935	ug/l	99
74) N-amyl acetate	10.90	43	347611	48.968	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266223	50.600	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	236088m	51.367	ug/l	
77) Bromobenzene	11.26	156	195709	52.131	ug/l	97
78) n-propylbenzene	11.36	91	854011	57.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	498431	53.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	612985	51.752	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	66136	39.674	ug/l	99
82) 4-Chlorotoluene	11.51	91	590003	54.227	ug/l	100
83) tert-Butylbenzene	11.77	119	629685	59.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	633278	51.844	ug/l	98
85) sec-Butylbenzene	11.94	105	783941	60.481	ug/l	99
86) p-Isopropyltoluene	12.07	119	639801	54.481	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	358135	51.088	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362010	50.026	ug/l	99
89) n-Butylbenzene	12.39	91	575418	53.952	ug/l	98
90) Hexachloroethane	12.60	117	104281	53.334	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	366194	49.986	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65120	56.370	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	275471	53.604	ug/l	99

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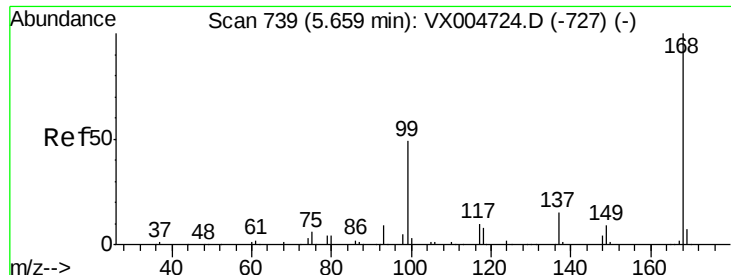
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	115390	43.301	ug/l	97
95) Naphthalene	13.83	128	905194	53.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	281055	52.943	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:168 Resp: 235460

Ion Ratio Lower Upper

168 100

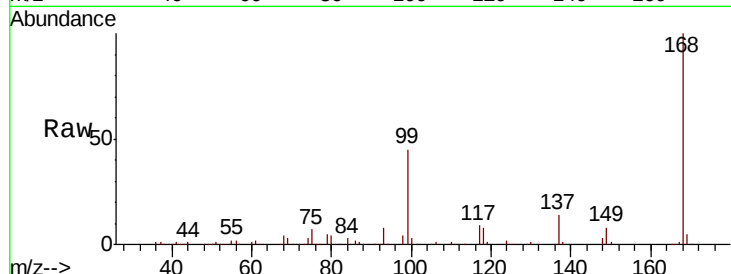
99 44.3 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

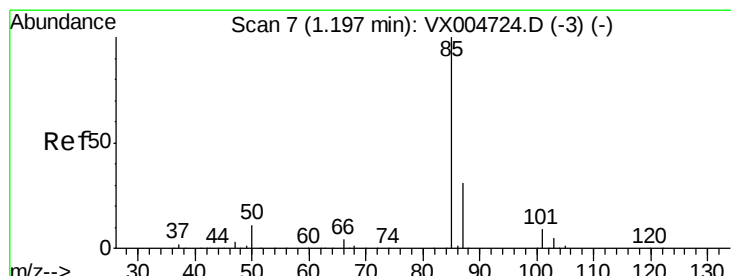
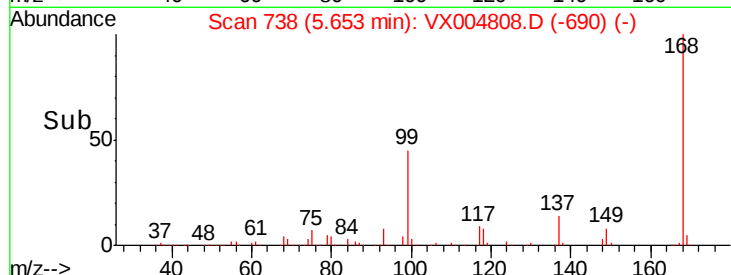
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.753 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004808.D

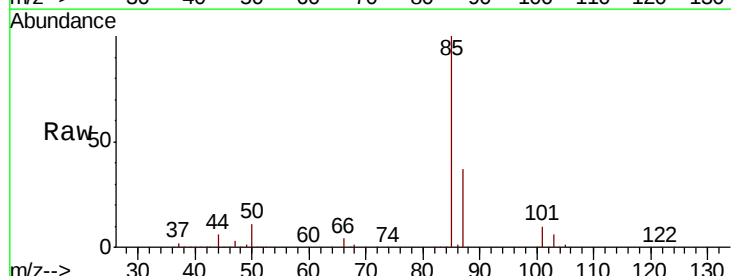
Acq: 28 Sep 2018 07:17

Tgt Ion: 85 Resp: 159727

Ion Ratio Lower Upper

85 100

87 36.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

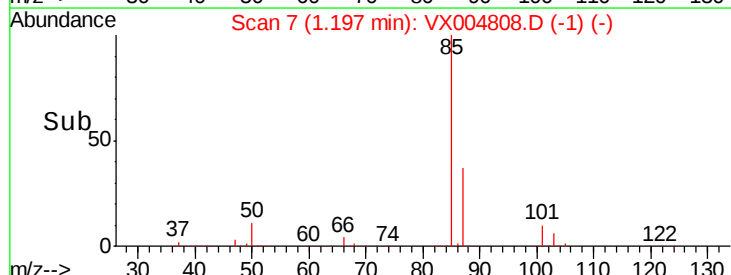
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50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.446 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 50 Resp: 208172

Ion Ratio Lower Upper

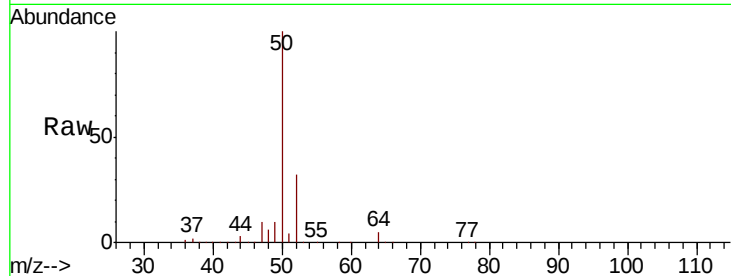
50 100

52 32.4 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

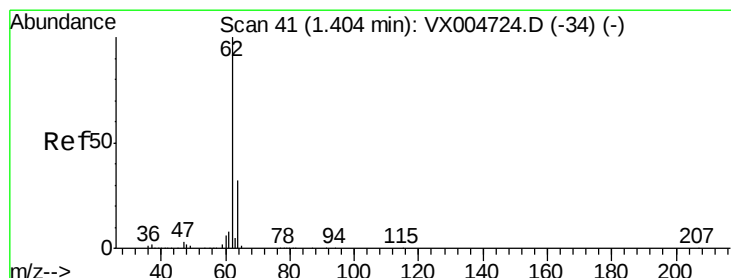
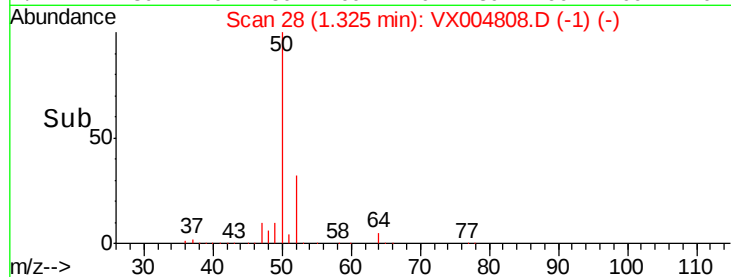
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 55.791 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004808.D

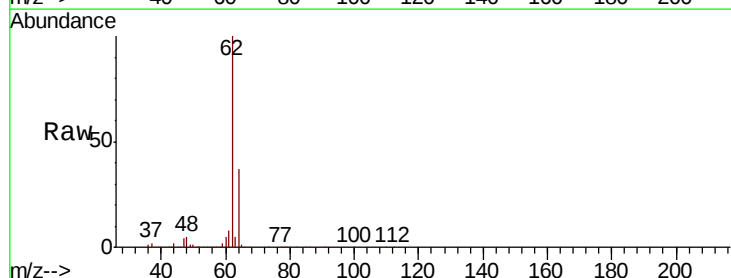
Acq: 28 Sep 2018 07:17

Tgt Ion: 62 Resp: 203814

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

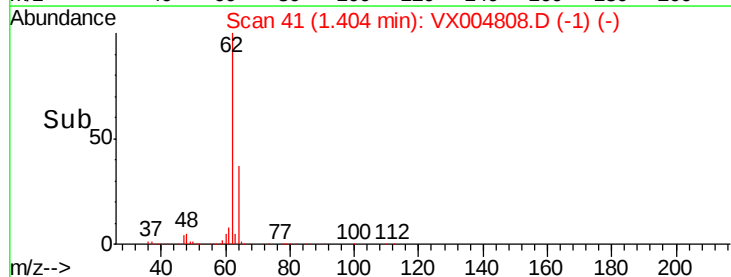
150000

100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 40.169 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 94 Resp: 87017

Ion Ratio Lower Upper

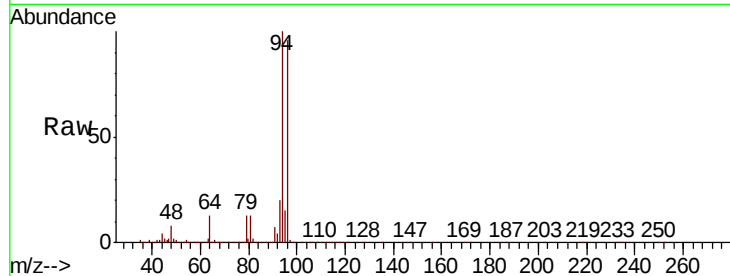
94 100

96 96.3 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

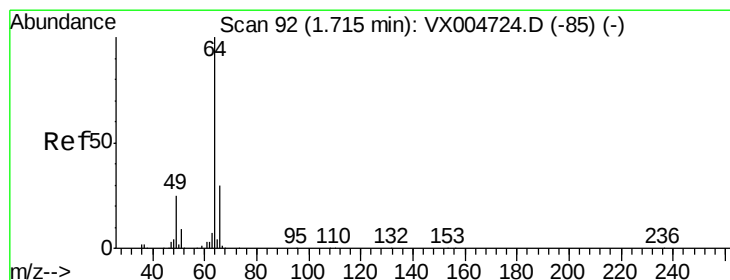
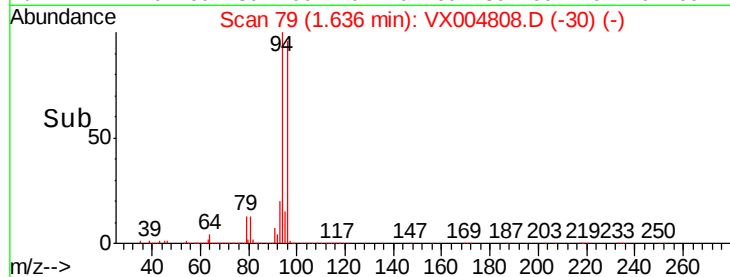
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 70.642 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004808.D

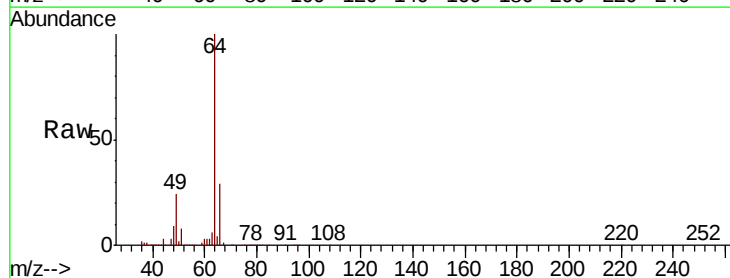
Acq: 28 Sep 2018 07:17

Tgt Ion: 64 Resp: 138726

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

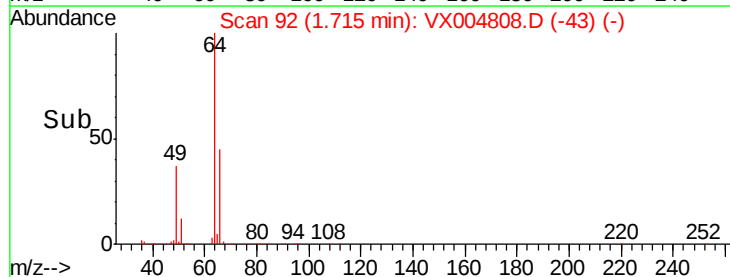
60000

40000

20000

0

Time--> 1.70 1.80





#7

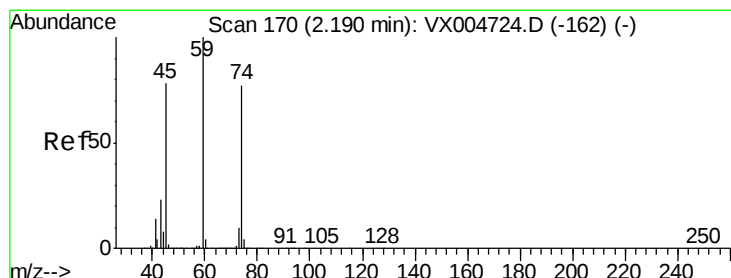
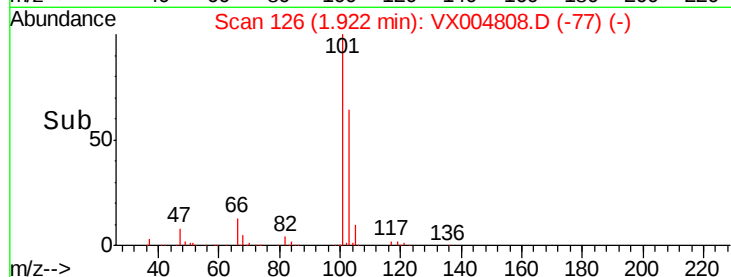
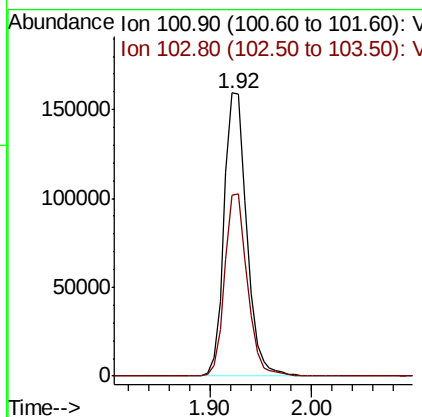
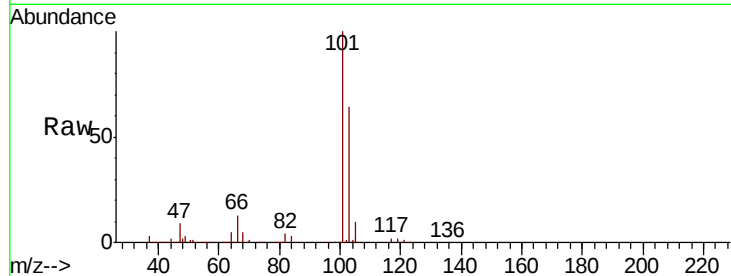
Trichlorofluoromethane
 Concen: 54.443 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	246224		
103	64.1	48.9	73.3	

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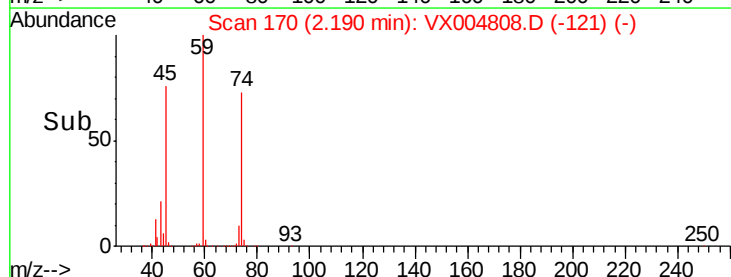
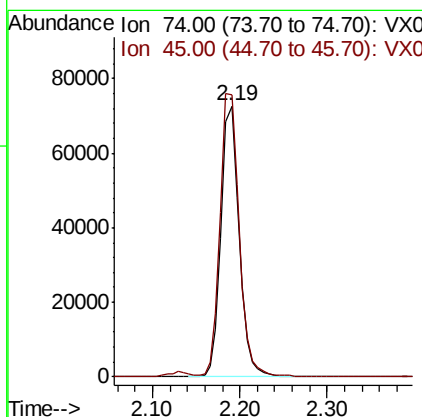
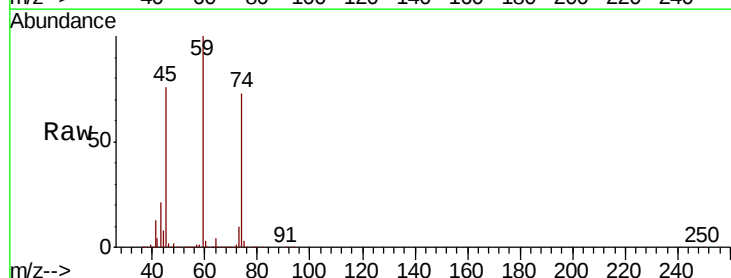
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#8

Diethyl Ether
 Concen: 53.328 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	104776		
45	108.6	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.518 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

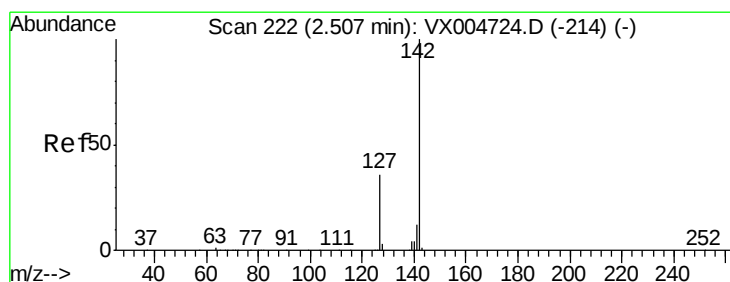
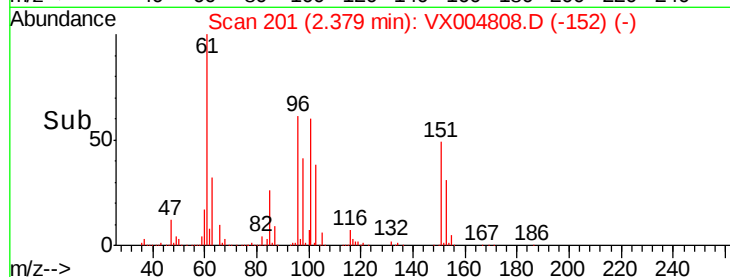
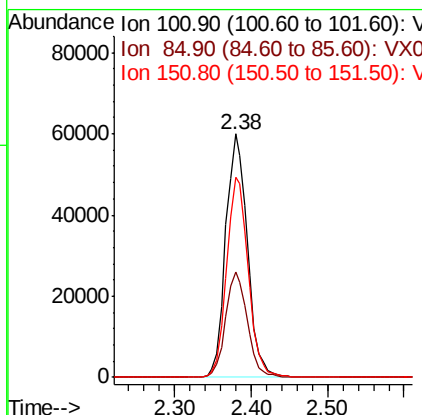
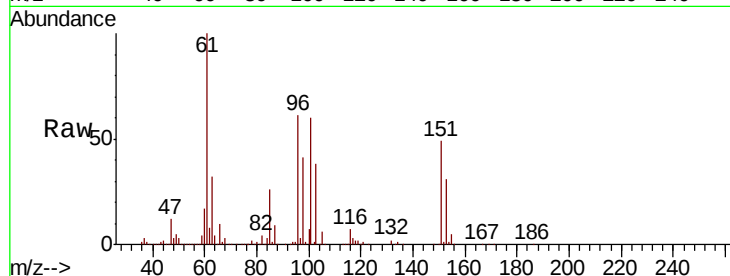
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	101	Resp:	117263
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	81.9	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 36.698 ug/l

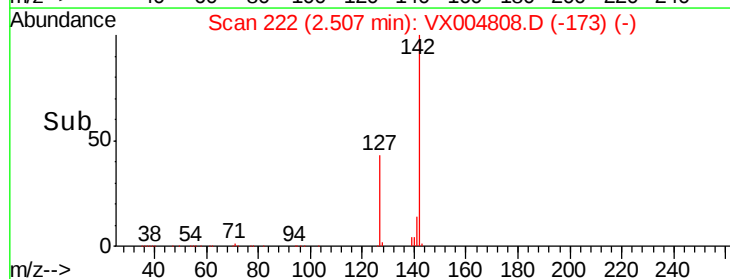
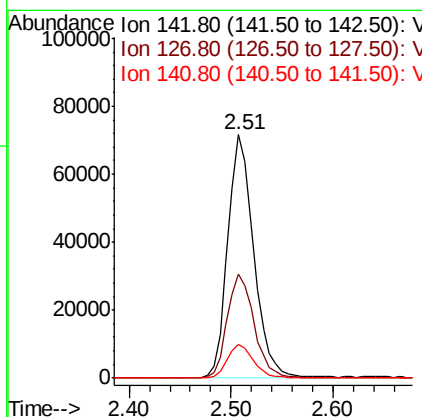
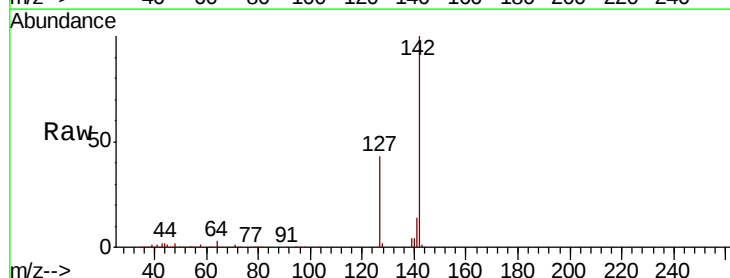
RT: 2.51 min Scan# 222

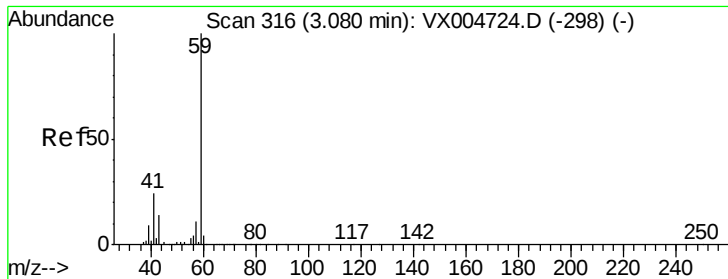
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	142	Resp:	126509
Ion Ratio	Lower	Upper	
142	100		
127	43.9	33.8	50.6
141	14.0	11.4	17.0





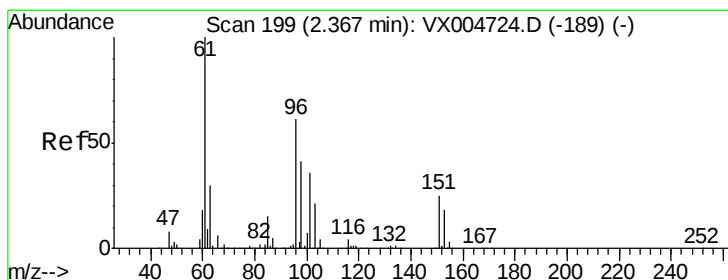
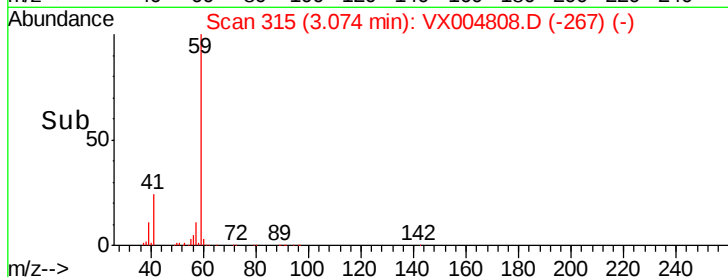
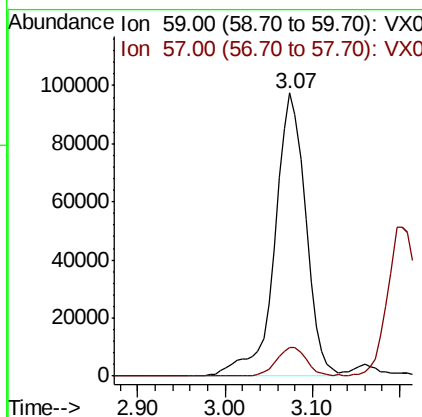
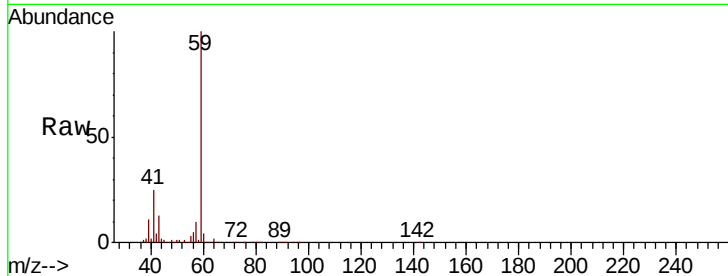
#11
Tert butyl alcohol
Concen: 256.395 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion: 59 Resp: 241134
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

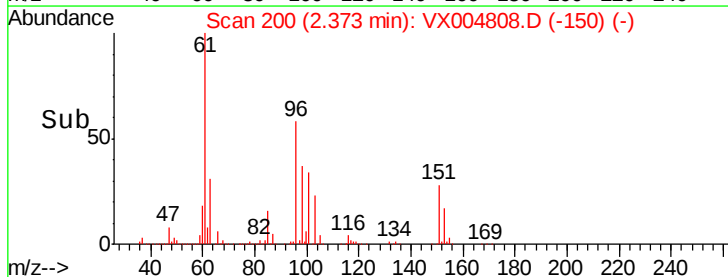
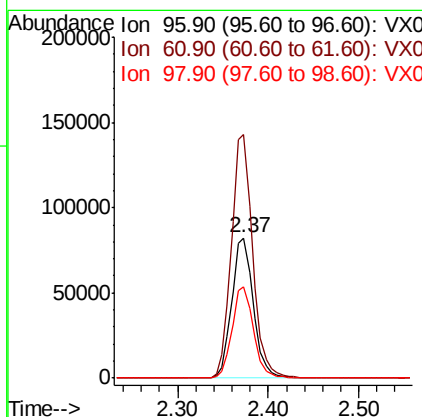
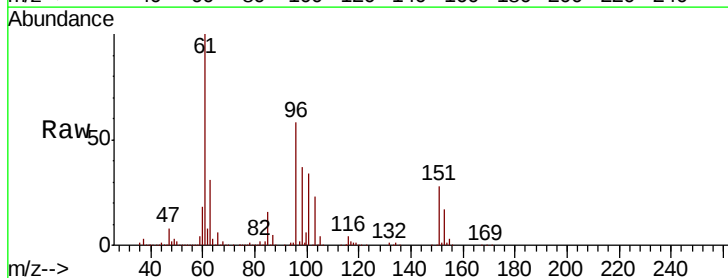
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 53.426 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion: 96 Resp: 136305
Ion Ratio Lower Upper
96 100
61 173.3 128.8 193.2
98 64.8 52.2 78.2





#13

Acrolein

Concen: 215.039 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 56 Resp: 143893

Ion Ratio Lower Upper

56 100

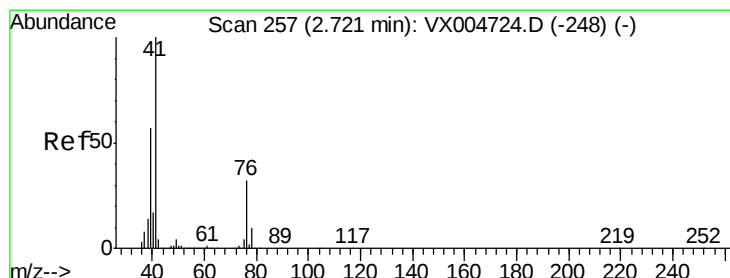
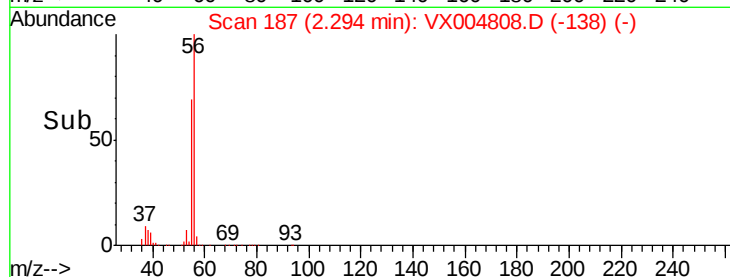
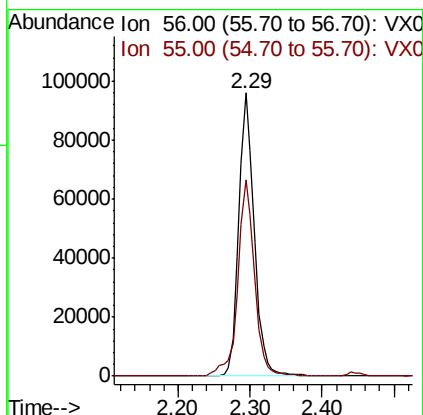
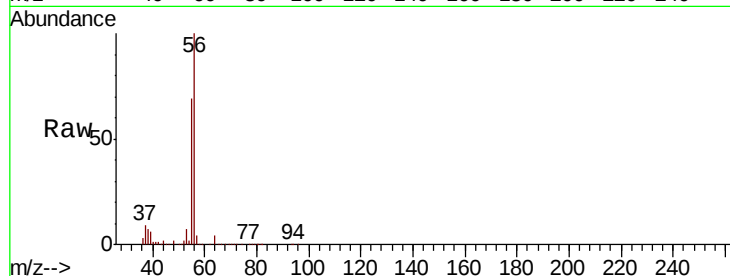
55 73.7 54.7 82.1

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 53.346 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

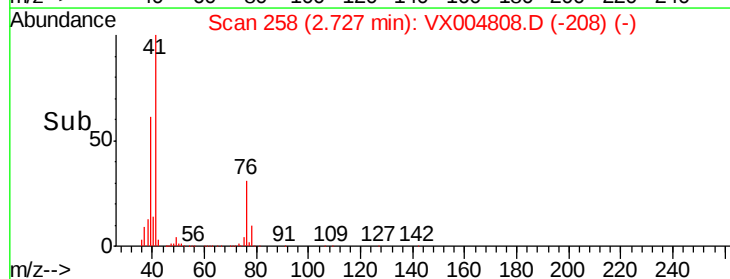
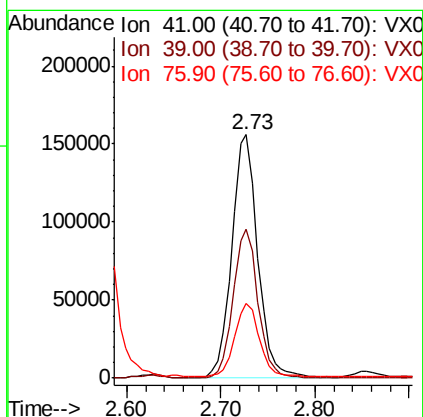
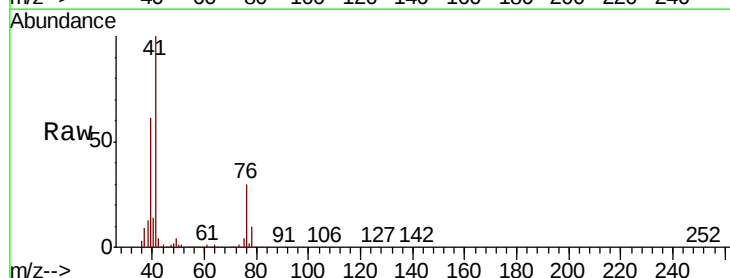
Tgt Ion: 41 Resp: 296961

Ion Ratio Lower Upper

41 100

39 58.5 48.9 73.3

76 28.3 26.7 40.1





#15

Acrylonitrile

Concen: 265.166 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

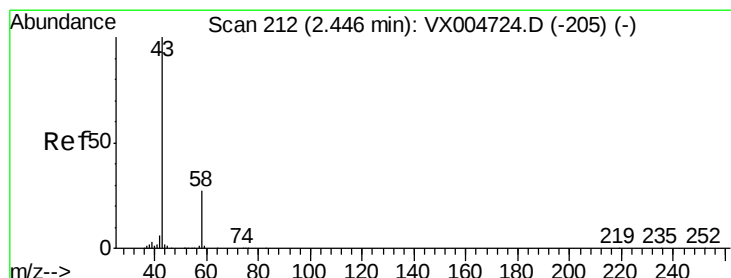
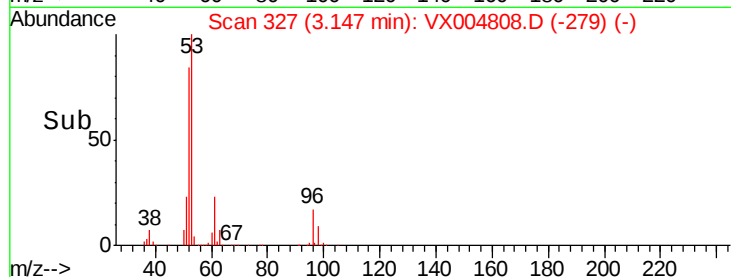
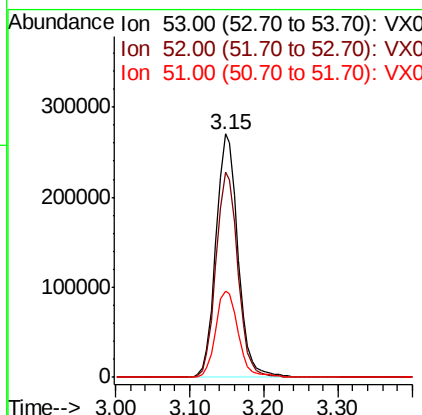
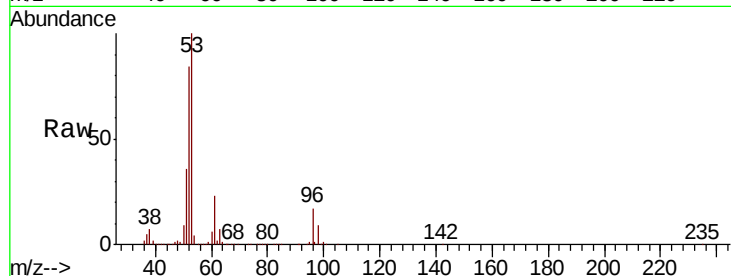
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	53	Resp:	548988
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.2	97.8
51	36.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 252.046 ug/l

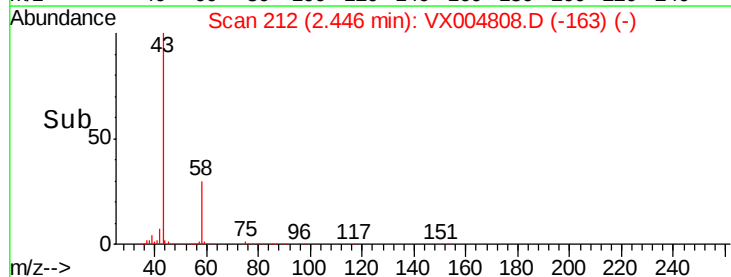
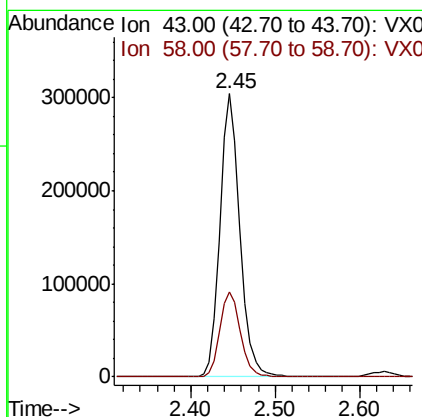
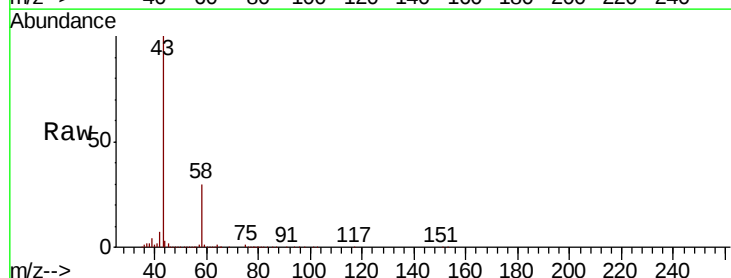
RT: 2.45 min Scan# 212

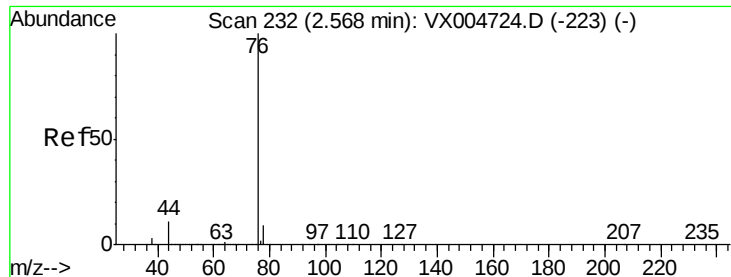
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	43	Resp:	494945
Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.2	39.4





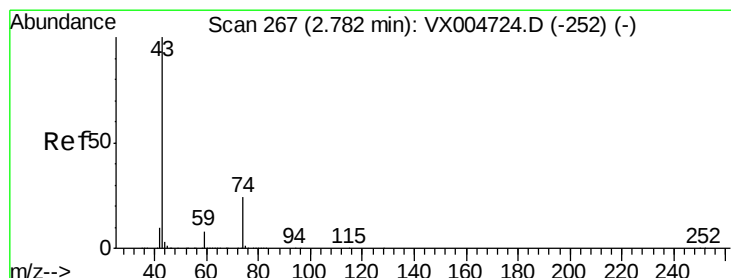
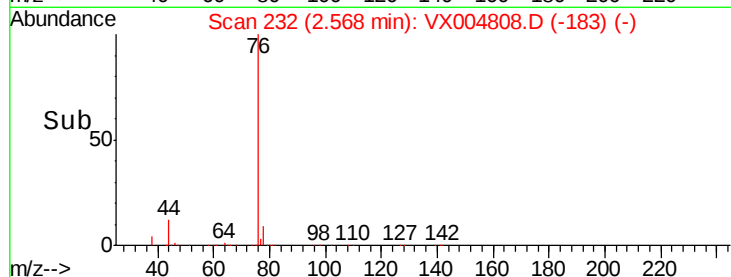
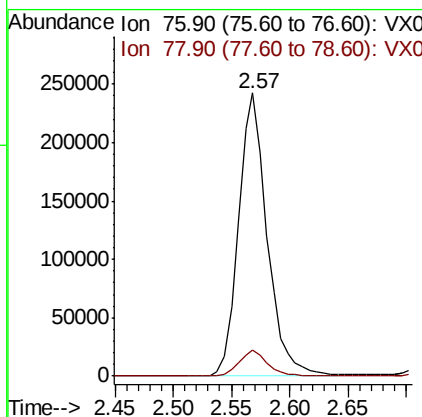
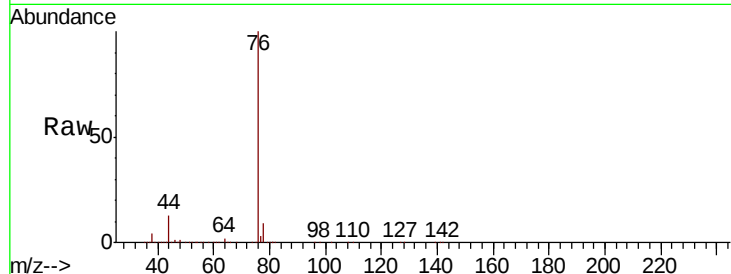
#17
Carbon Disulfide
Concen: 54.164 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

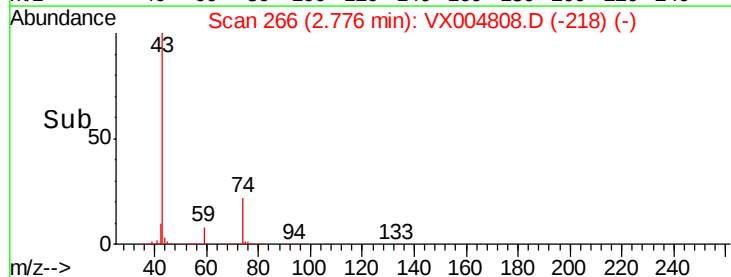
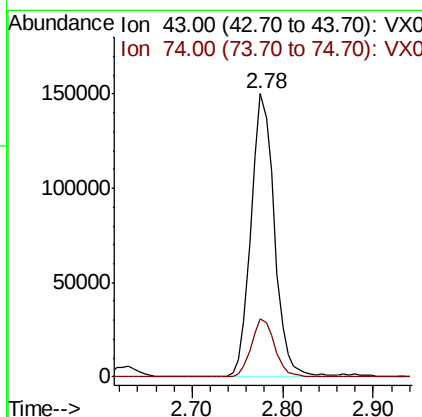
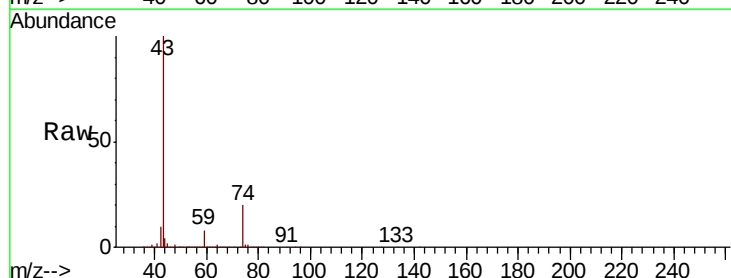
Manual Integrations
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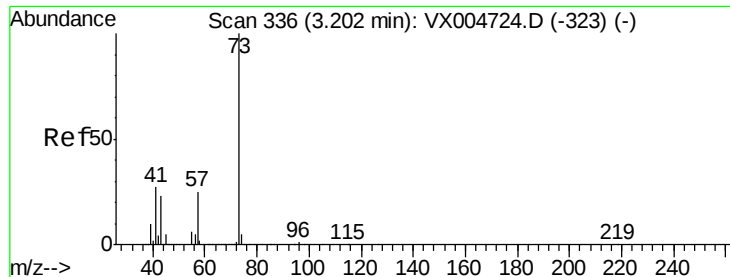
MMDadoda
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#18
Methyl Acetate
Concen: 53.903 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	19.4	29.2





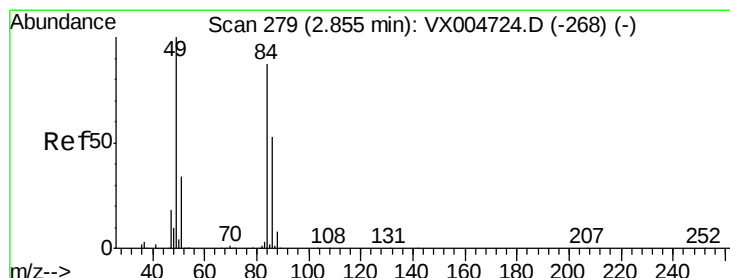
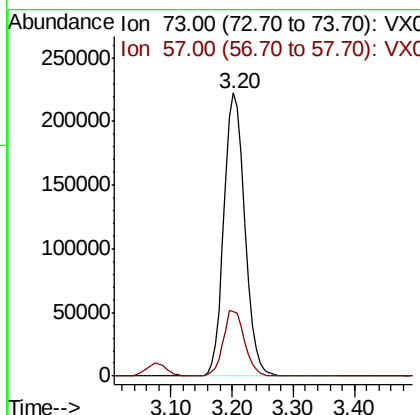
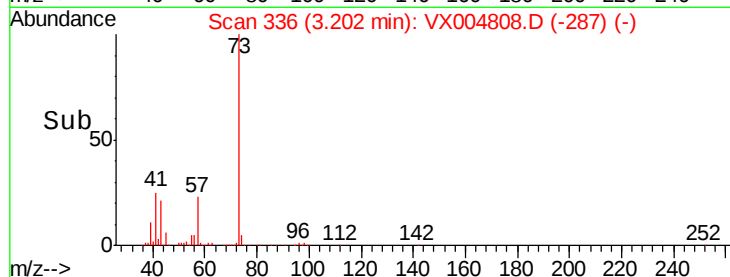
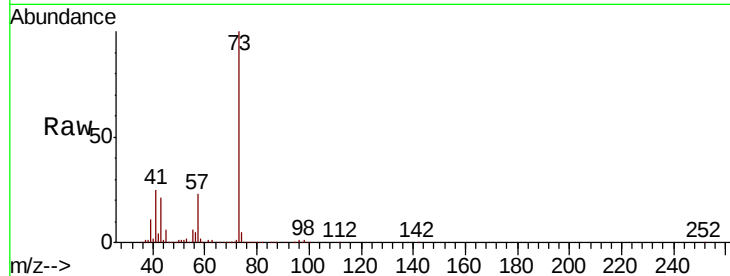
#19
Methvl tert-butvl Ether
Concen: 59.569 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.1	25.7

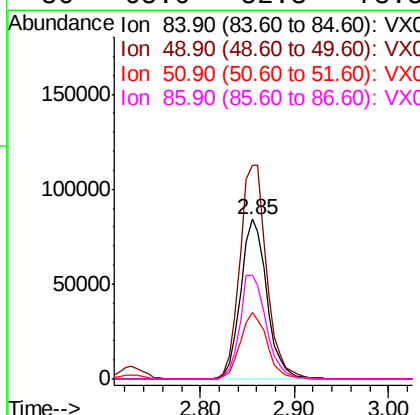
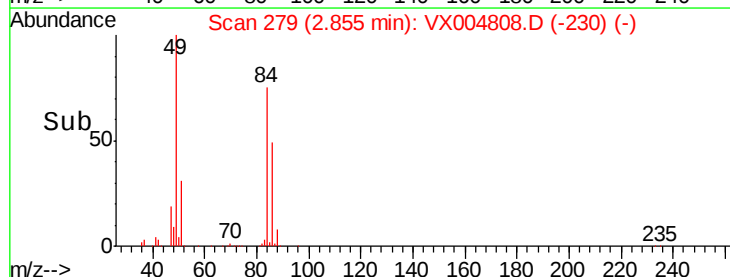
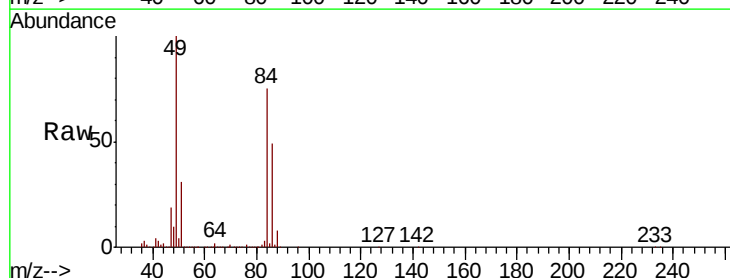
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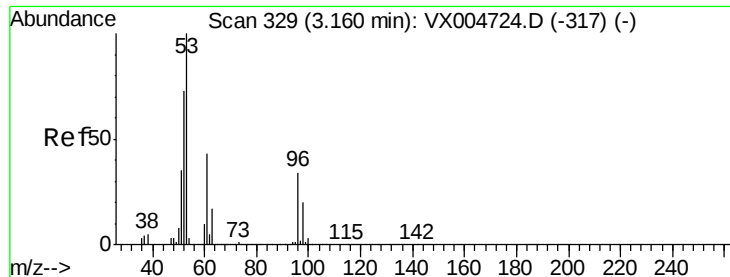
MMDadoda
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#20
Methylene Chloride
Concen: 57.317 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.8	101.2	151.8
51	41.5	29.5	44.3
86	65.0	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 53.789 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

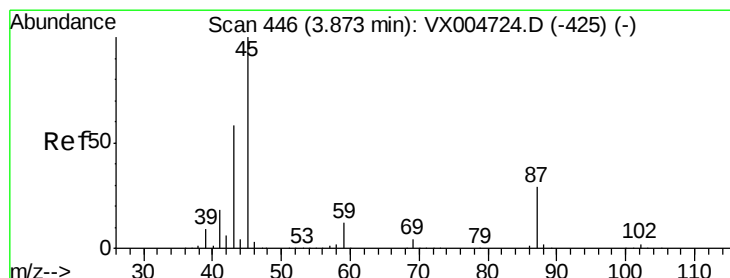
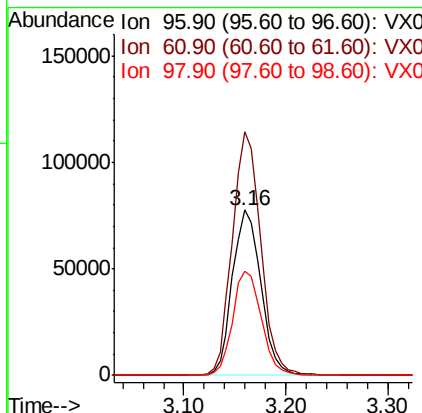
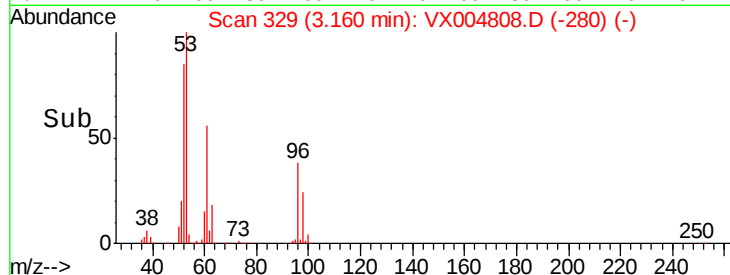
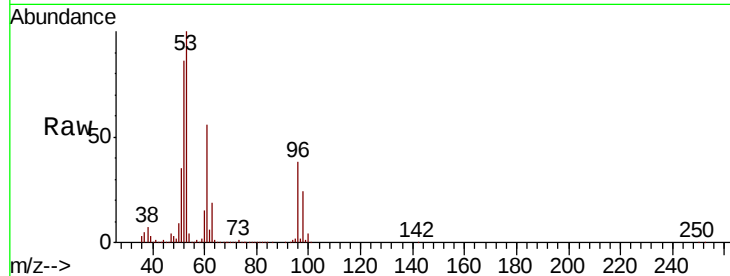
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	96	Resp:	150225
Ion	Ratio	Lower	Upper
96	100		
61	147.4	113.8	170.6
98	63.3	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.546 ug/l

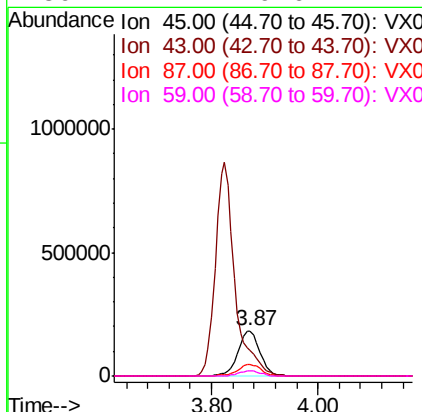
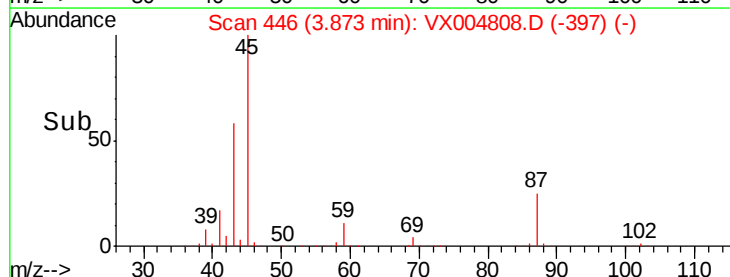
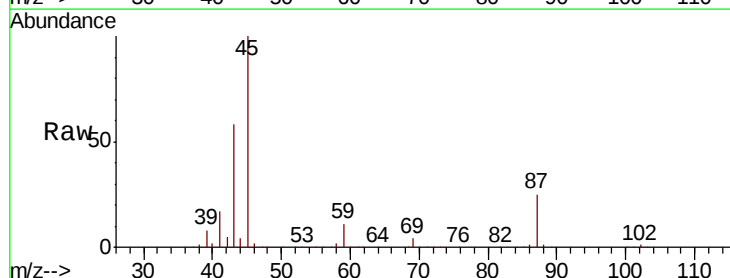
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	45	Resp:	530053
Ion	Ratio	Lower	Upper
45	100		
43	57.7	42.8	64.2
87	24.8	22.6	34.0
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 257.012 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 43 Resp: 2205268

Ion Ratio Lower Upper

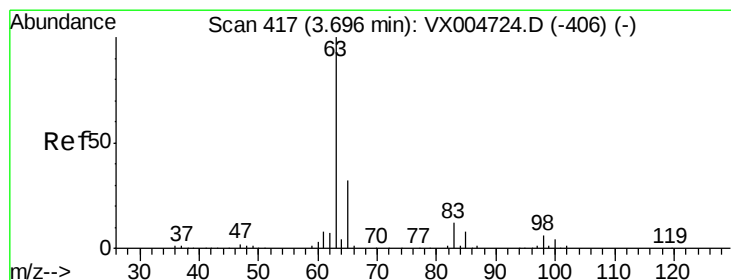
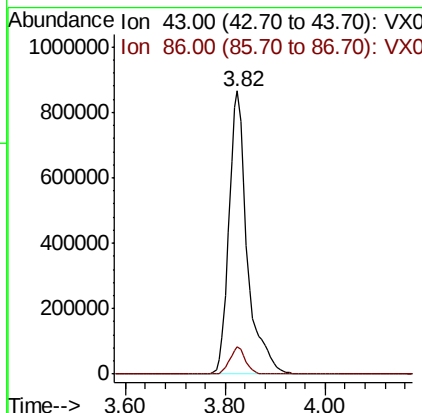
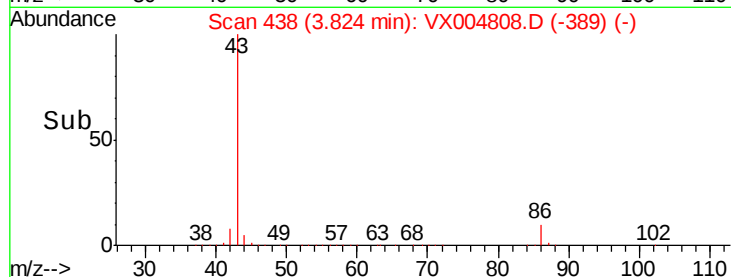
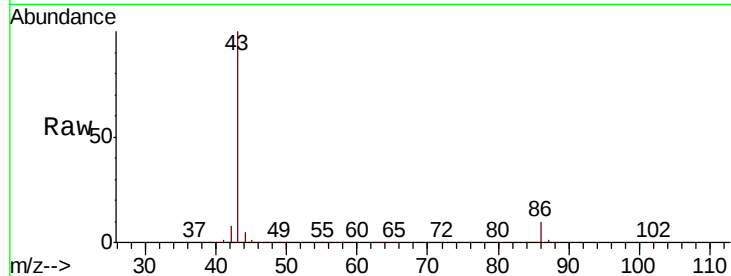
43 100

86 9.6 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 50.090 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

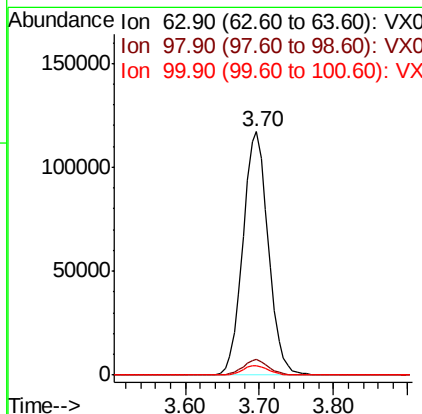
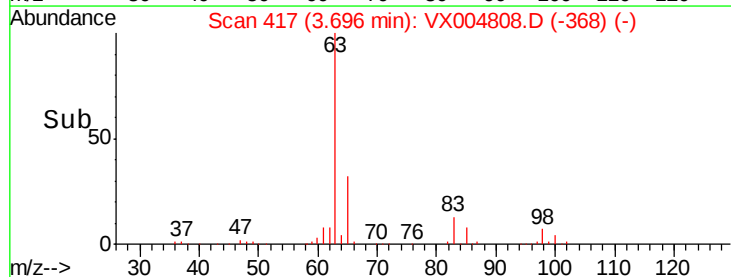
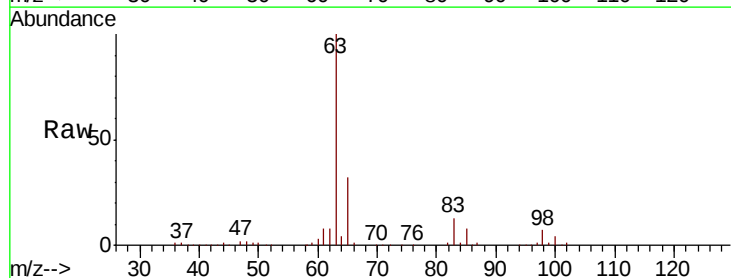
Tgt Ion: 63 Resp: 280085

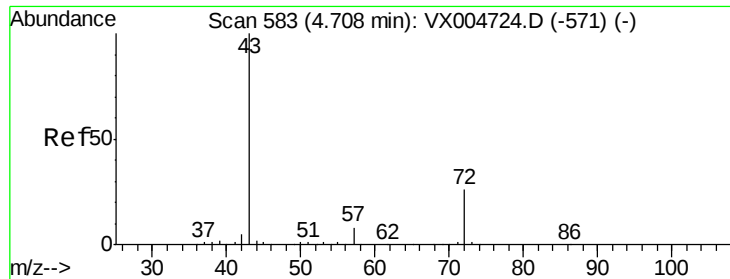
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.1 2.4 7.1





#25

2-Butanone

Concen: 257.038 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 43 Resp: 744011

Ion Ratio Lower Upper

43 100

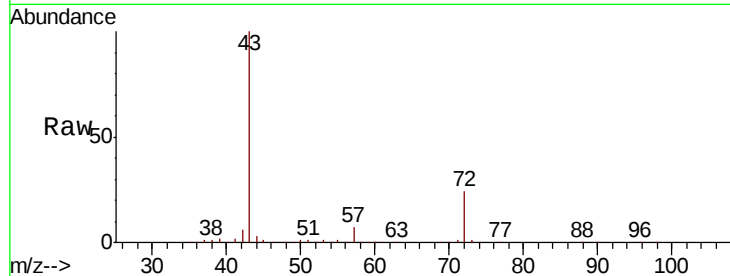
72 23.8 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

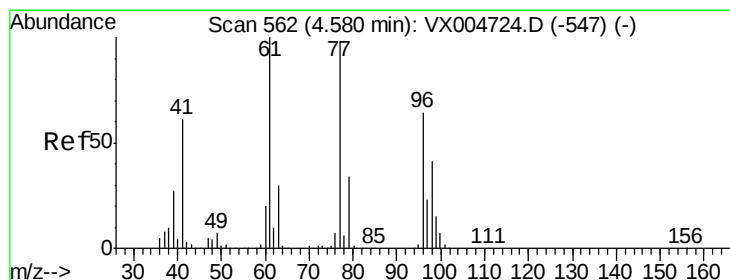
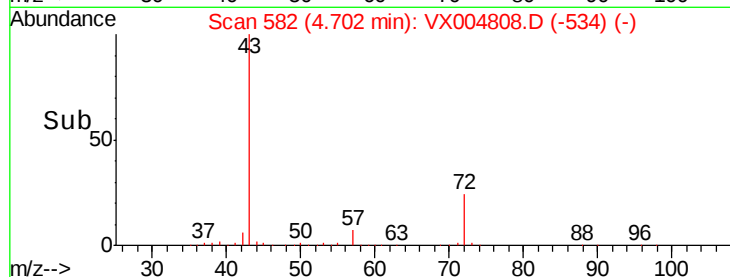
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.410 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004808.D

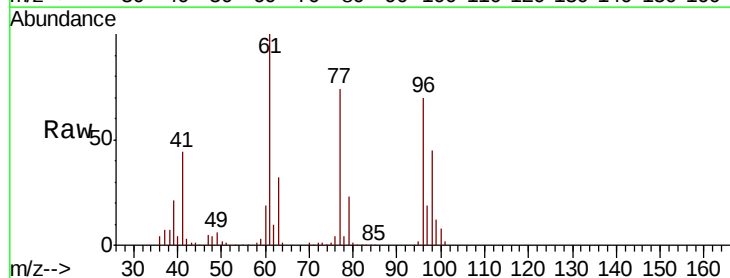
Acq: 28 Sep 2018 07:17

Tgt Ion: 77 Resp: 133985

Ion Ratio Lower Upper

77 100

97 26.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

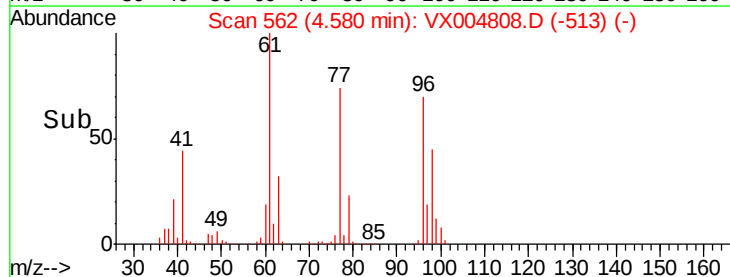
20000

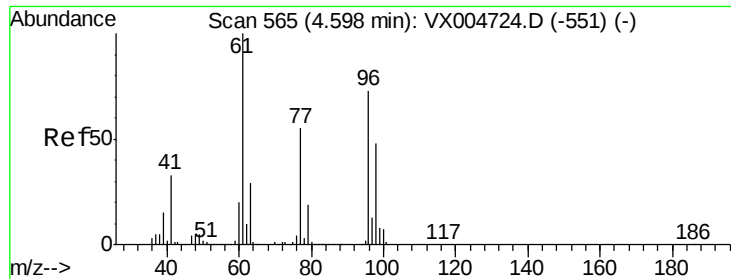
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

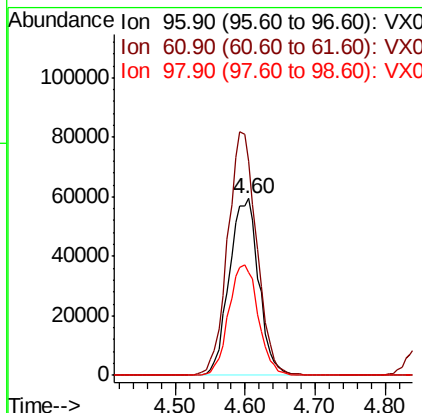
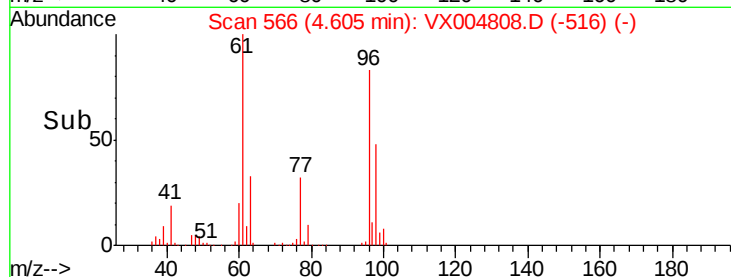
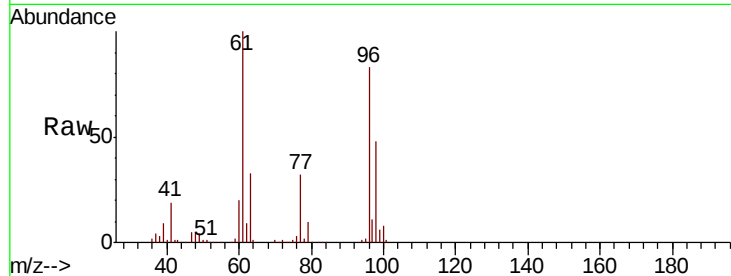
cis-1,2-Dichloroethene
Concen: 55.734 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	173889		
61	135.2	0.0	282.6	
98	62.3	0.0	130.2	

Manual Integrations
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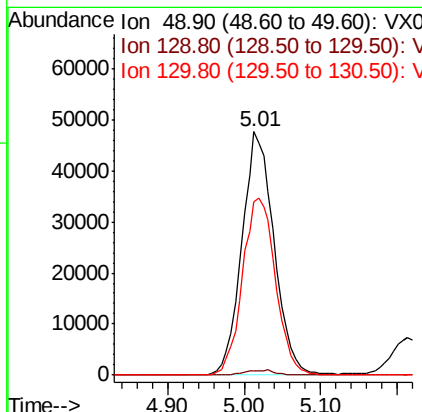
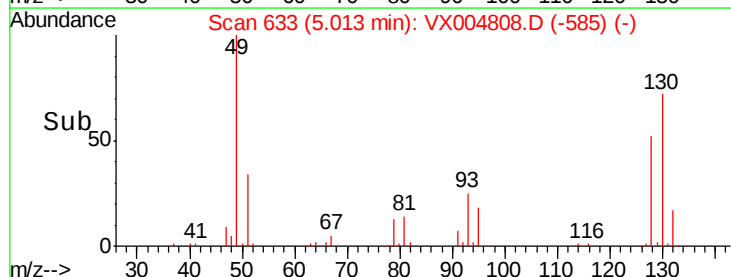
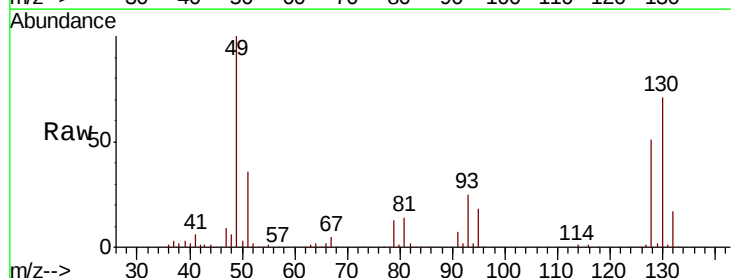
MMDadoda
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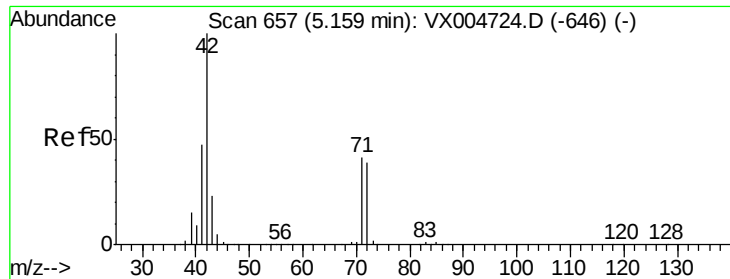


#28

Bromochloromethane
Concen: 52.852 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139168		
129	1.9	0.0	4.2	
130	74.8	67.5	101.3	





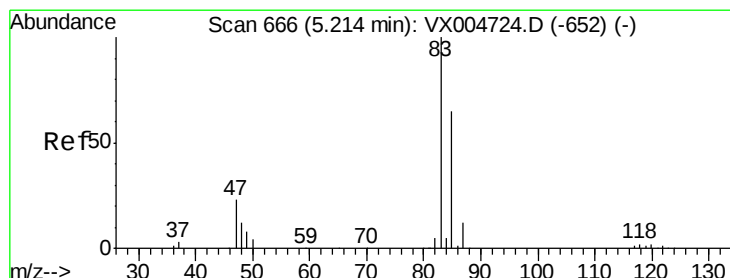
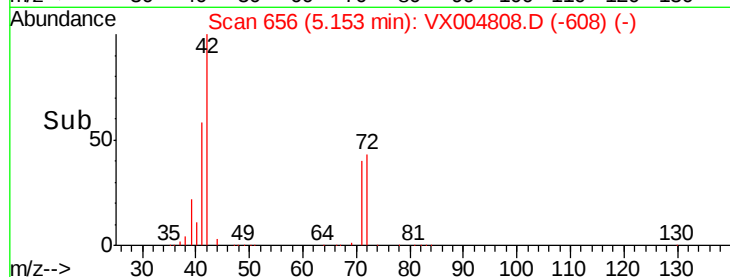
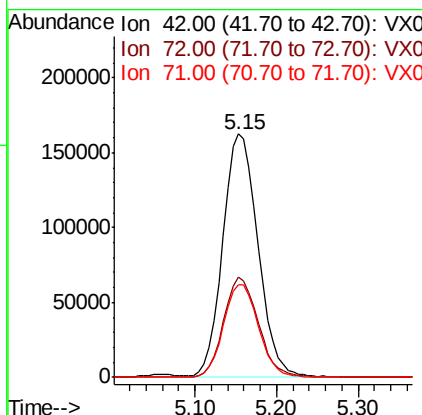
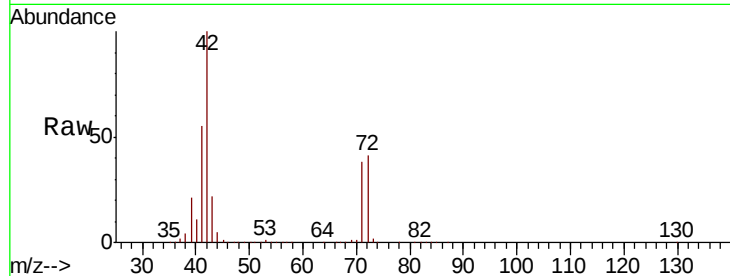
#29
Tetrahydrofuran
Concen: 268.363 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion:	42	Resp:	482805
Ion Ratio		Lower	Upper
42	100		
72	40.8	37.4	56.0
71	38.3	34.5	51.7

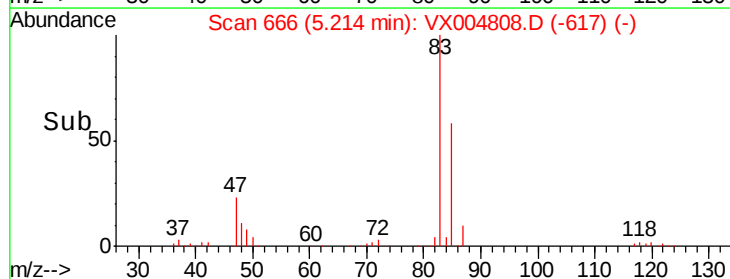
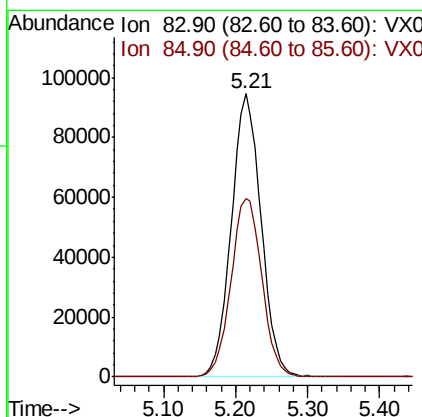
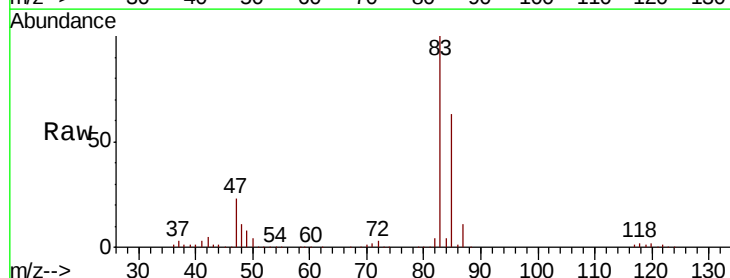
Manual Integrations
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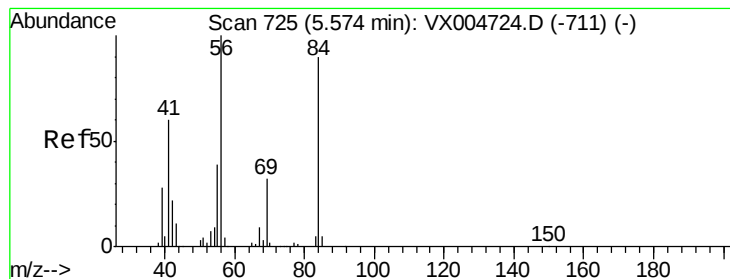
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#30
Chloroform
Concen: 51.520 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion:	83	Resp:	272262
Ion Ratio		Lower	Upper
83	100		
85	62.9	52.6	79.0





#31

Cyclohexane

Concen: 53.168 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

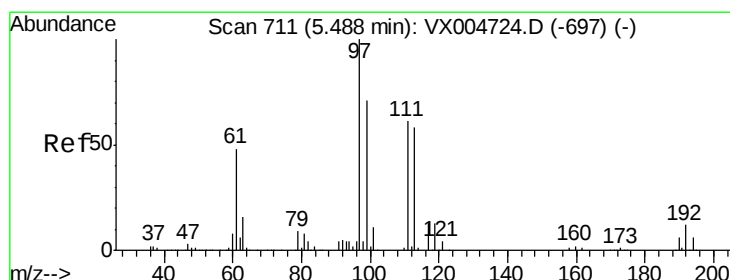
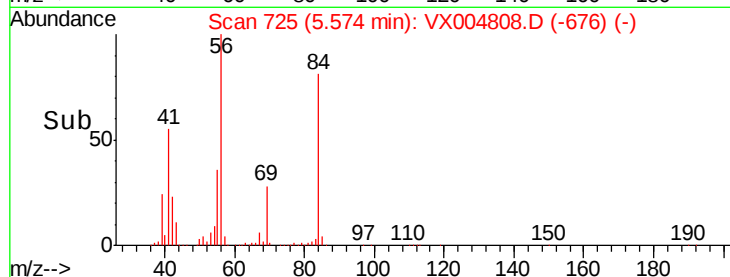
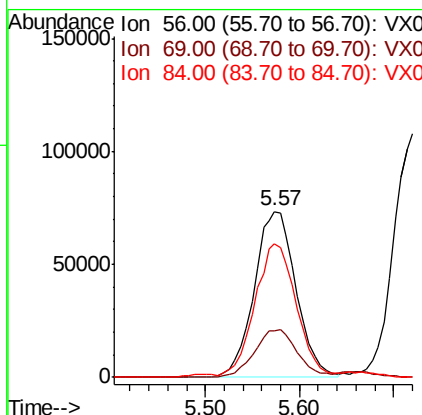
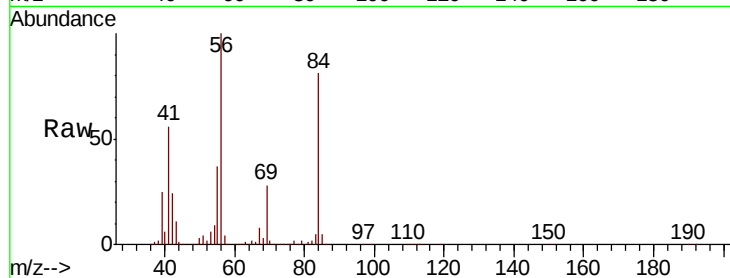
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	56	Resp:	227541
Ion Ratio	Lower	Upper	
56	100		
69	27.7	25.4	38.2
84	79.5	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 53.842 ug/l

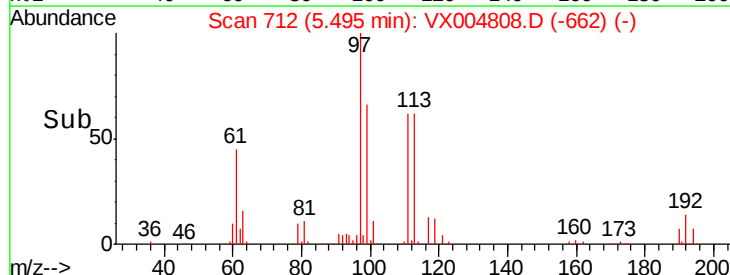
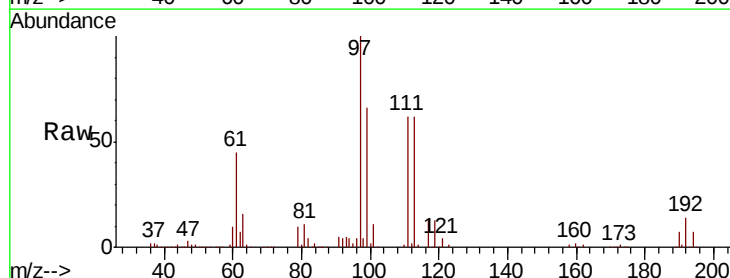
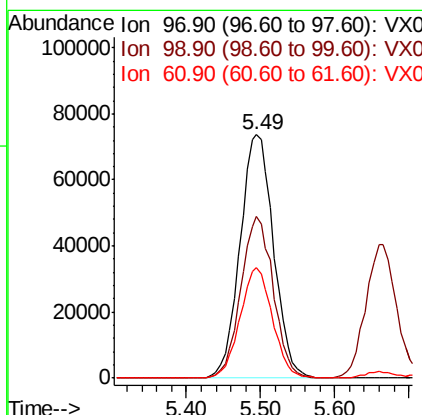
RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	97	Resp:	232374
Ion Ratio	Lower	Upper	
97	100		
99	64.2	52.0	78.0
61	44.0	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 52.678 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 65 Resp: 177185

Ion Ratio Lower Upper

65 100

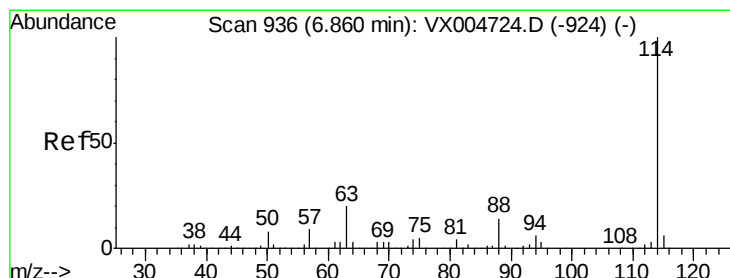
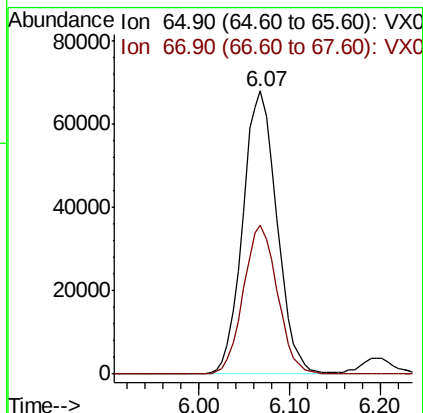
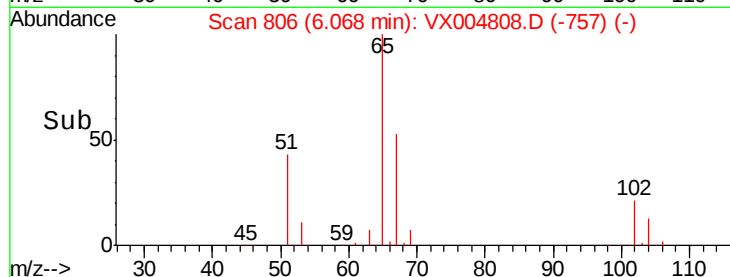
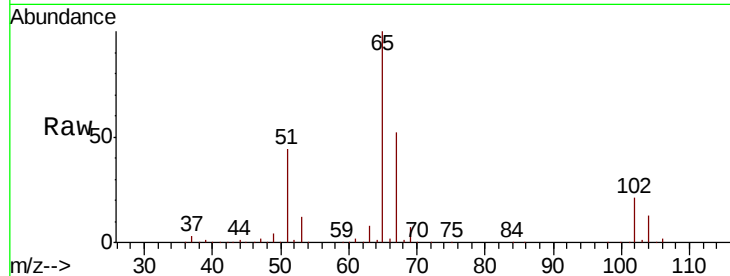
67 52.4 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

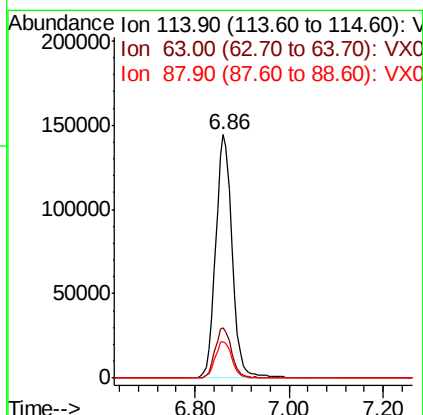
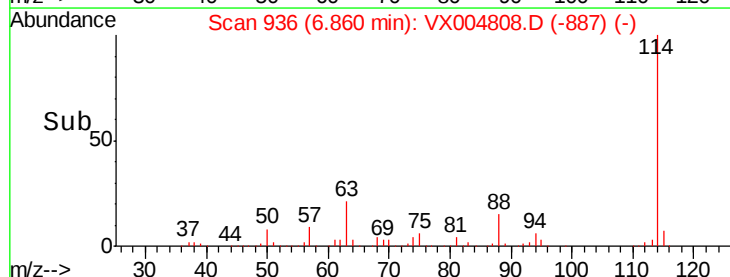
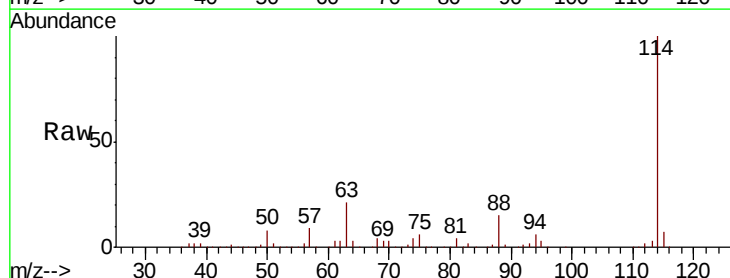
Tgt Ion: 114 Resp: 349306

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

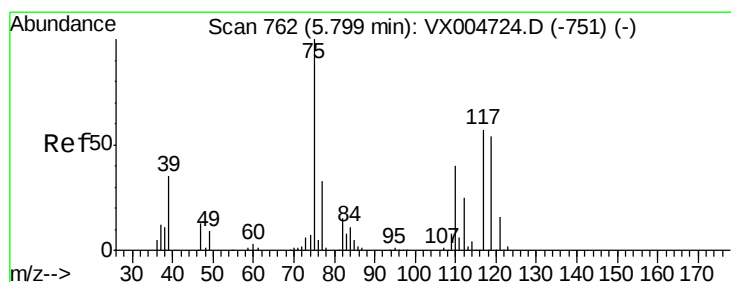
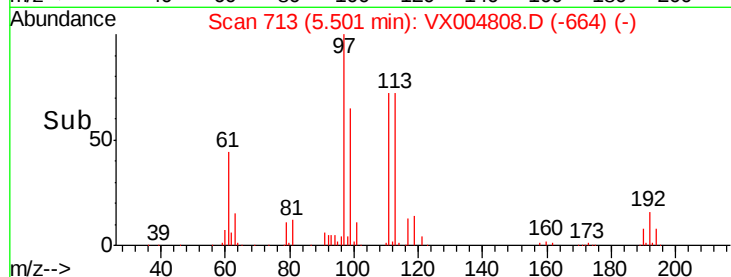
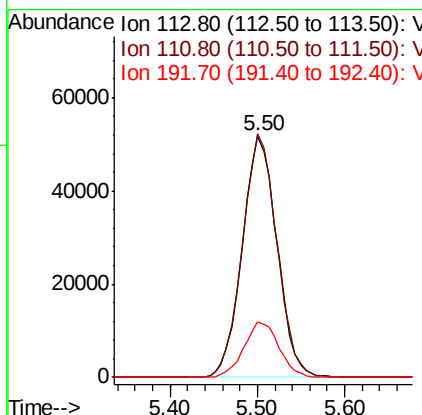
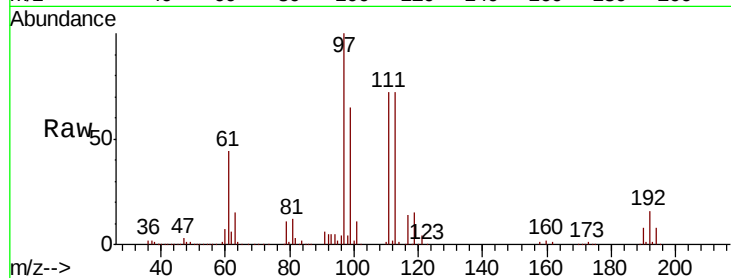
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	113	Resp:	142731
Ion Ratio	Lower	Upper	
113	100		
111	100.7	82.4	123.6
192	23.4	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 51.109 ug/l

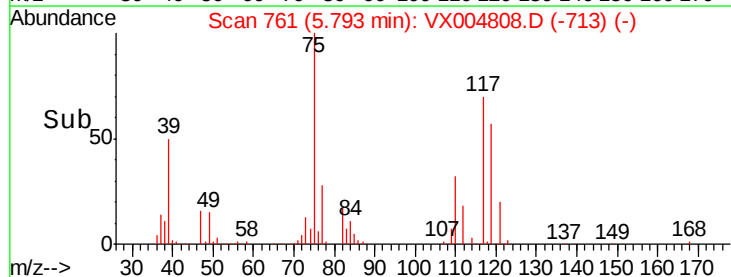
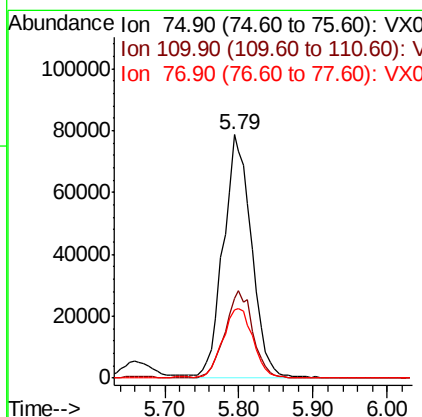
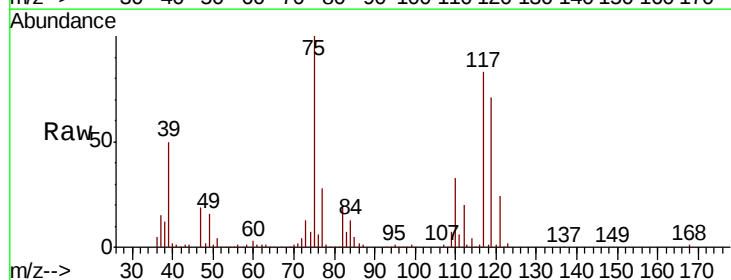
RT: 5.79 min Scan# 761

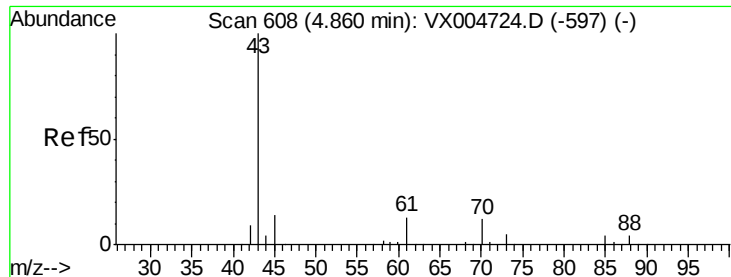
Delta R.T. -0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	75	Resp:	206433
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.0	54.0
77	30.5	24.6	36.8





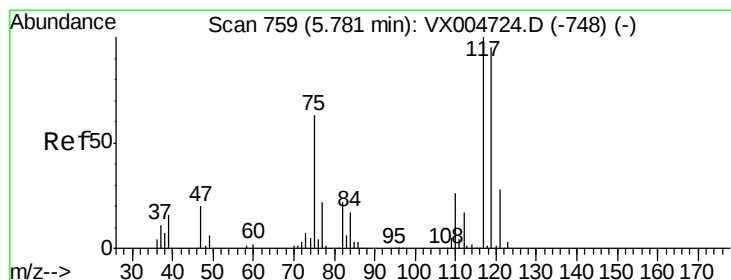
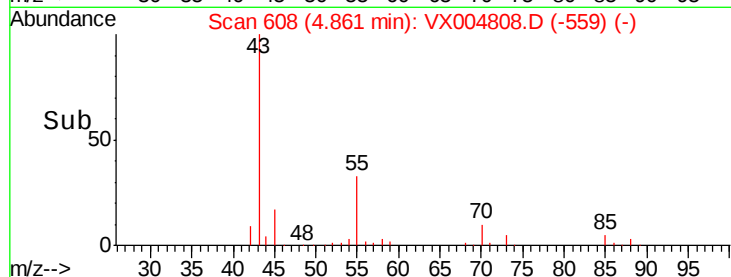
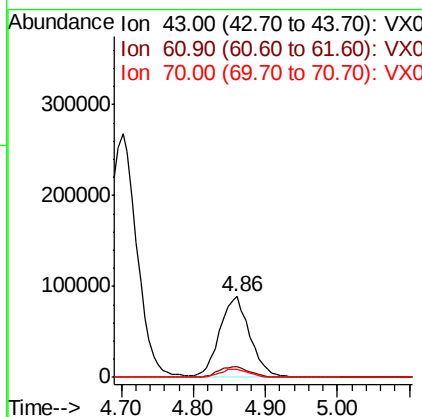
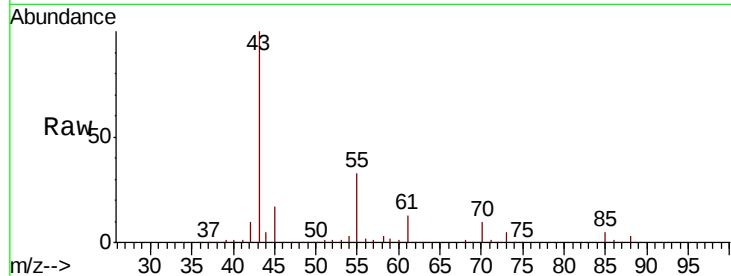
#37
Ethyl Acetate
Concen: 48.236 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	10.2	9.0	13.6

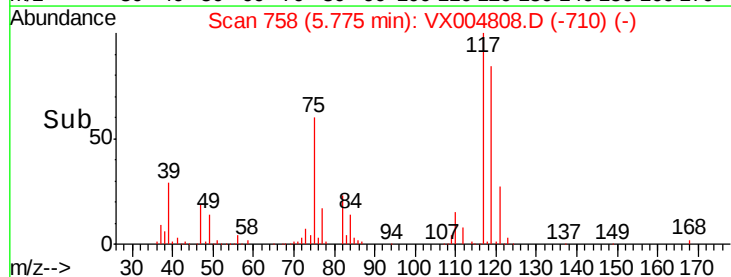
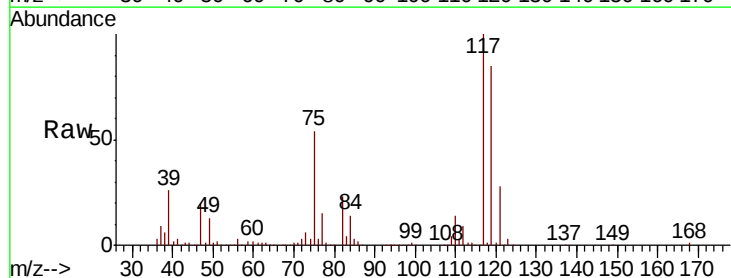
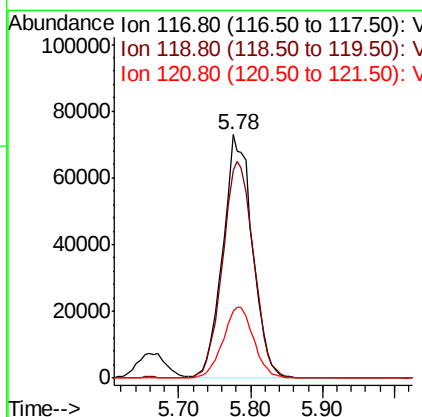
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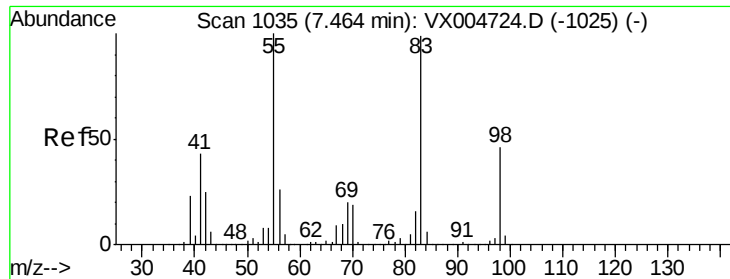
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#38
Carbon Tetrachloride
Concen: 49.054 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.2	78.8	118.2
121	27.6	24.9	37.3





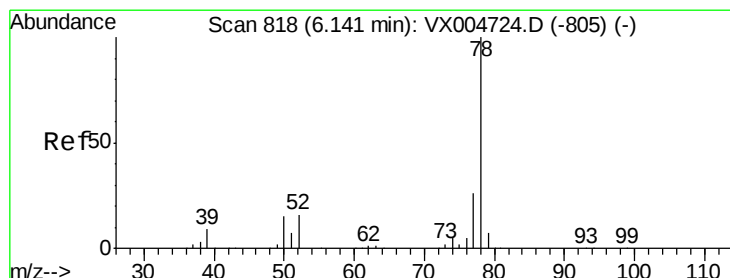
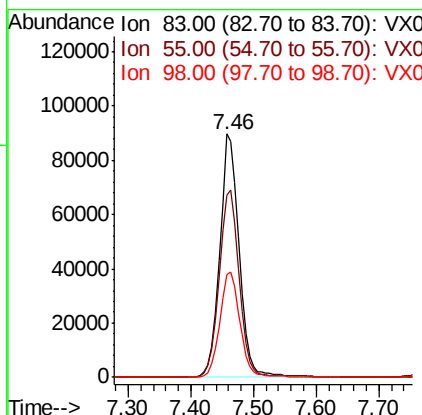
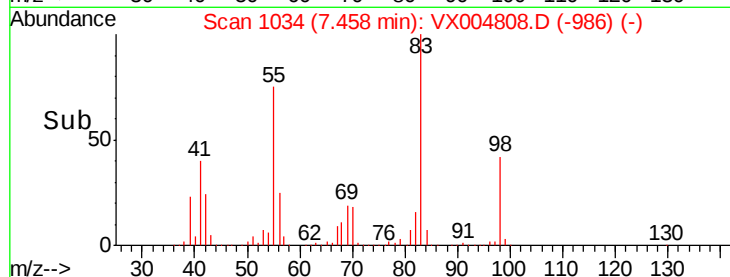
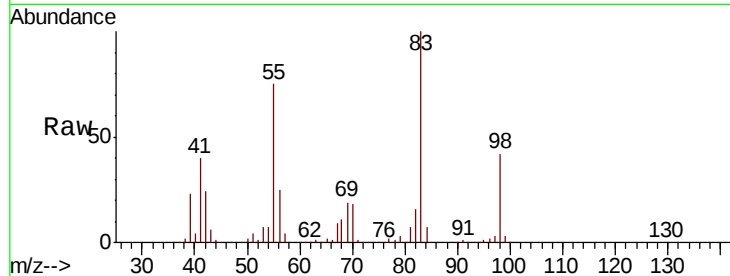
#39
Methvlcvclohexane
Concen: 46.555 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	192012		
55	74.8		61.0	91.4
98	42.2		39.6	59.4

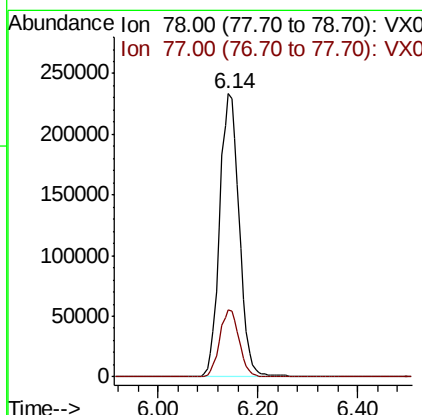
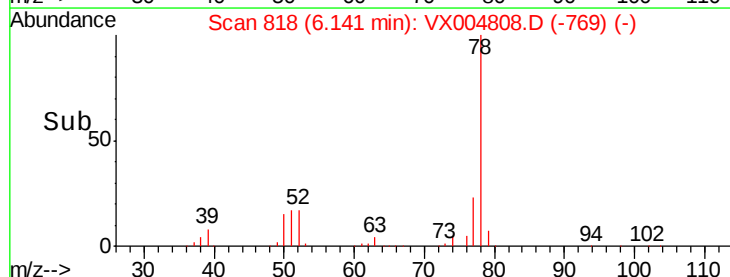
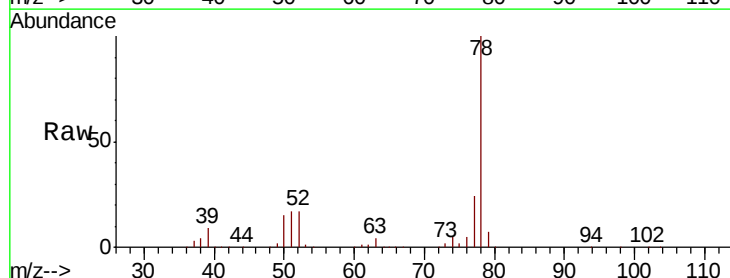
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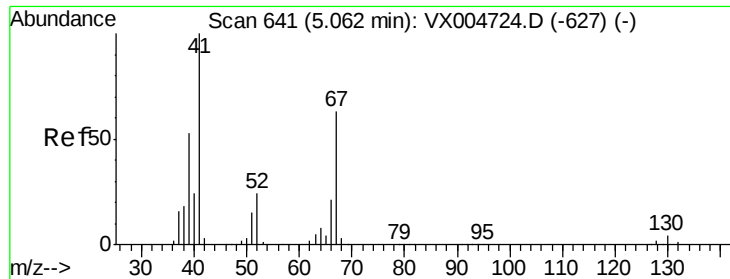
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#40
Benzene
Concen: 50.274 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	635728		
77	23.8		19.0	28.4





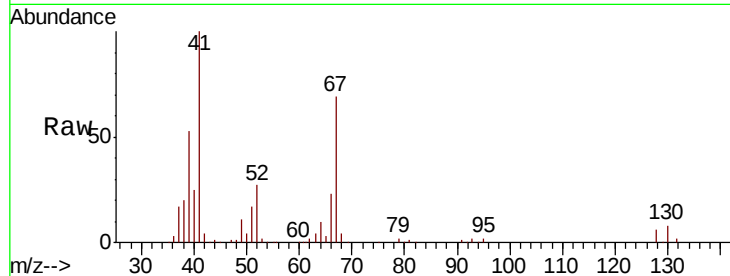
#41
Methacrylonitrile
Concen: 50.191 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

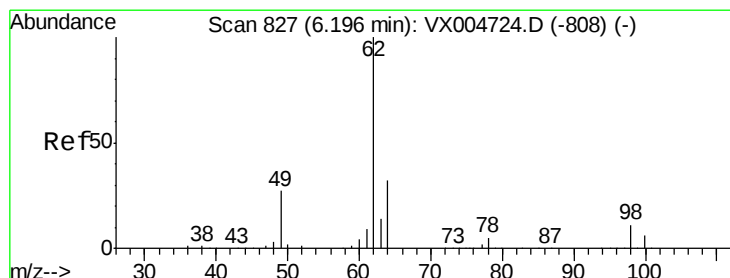
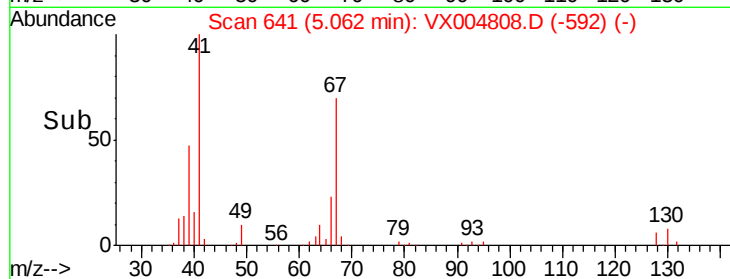
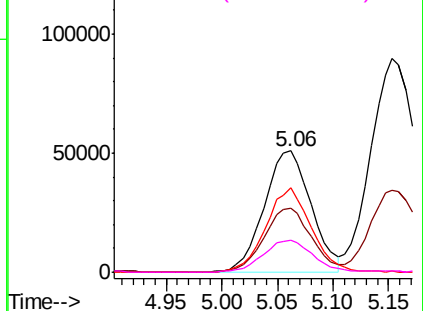
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		149237		
39	53.2	42.4	63.6		
67	68.0	59.2	88.8		
52	27.9	23.0	34.4		

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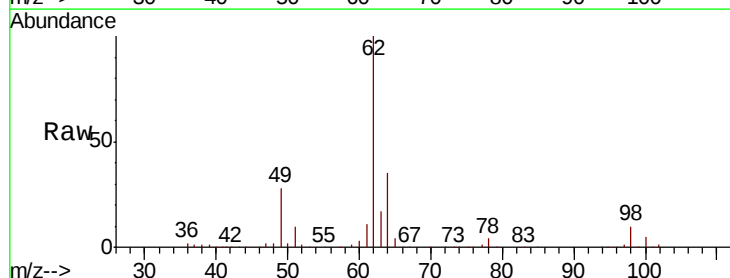


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

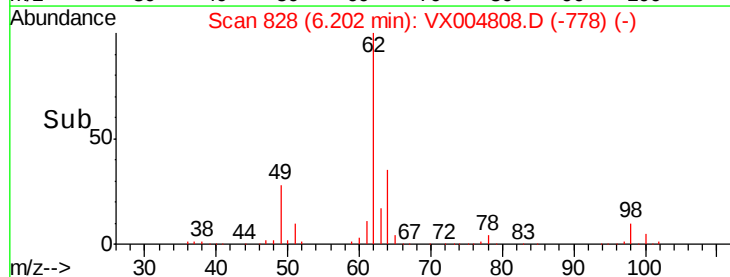
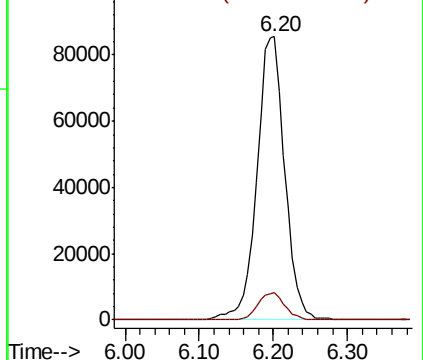


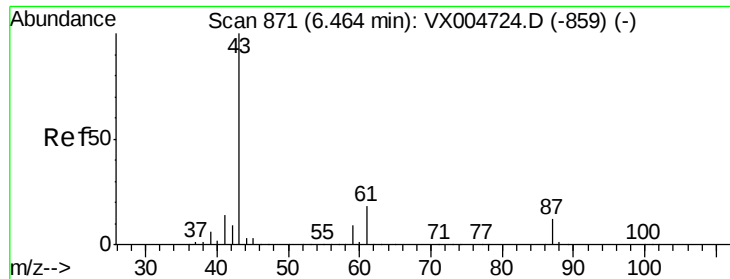
#42
1,2-Dichloroethane
Concen: 49.995 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		223486		
98	9.4	0.0	20.6		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

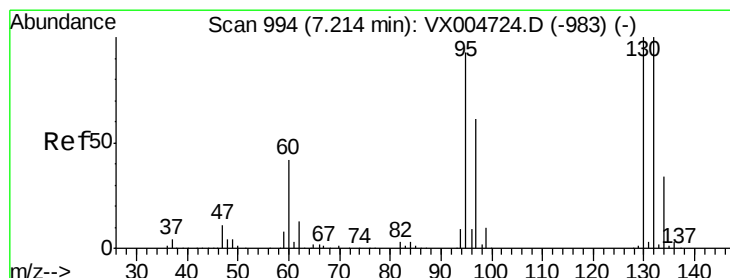
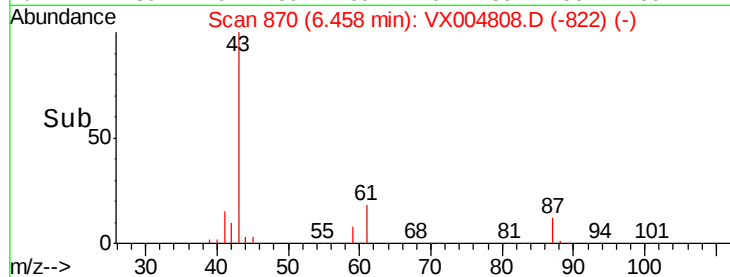
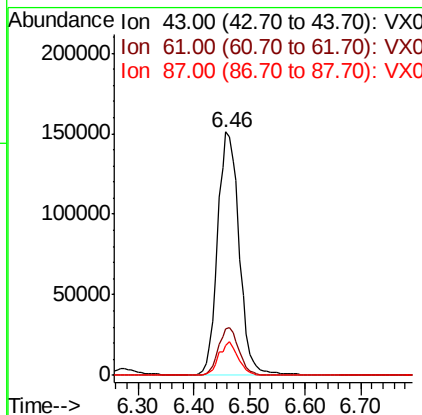
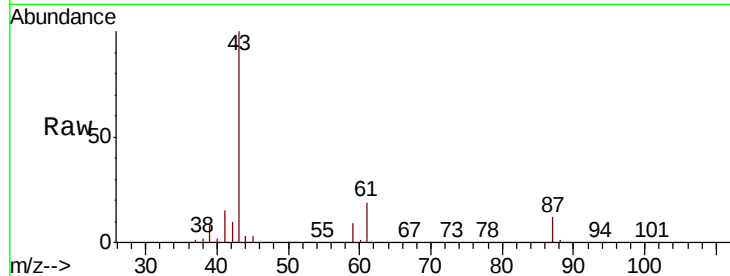
Isopropyl Acetate
 Concen: 52.225 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	17.0	25.4
87	12.4	11.4	17.2

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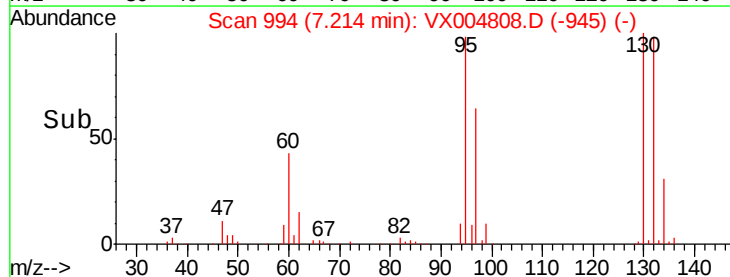
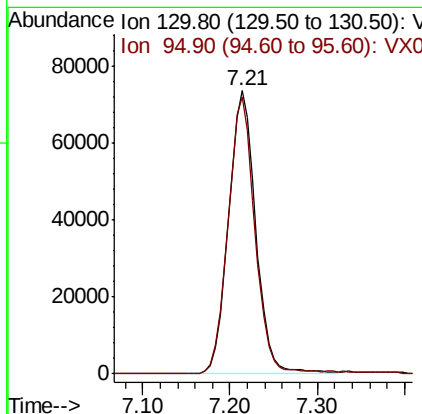
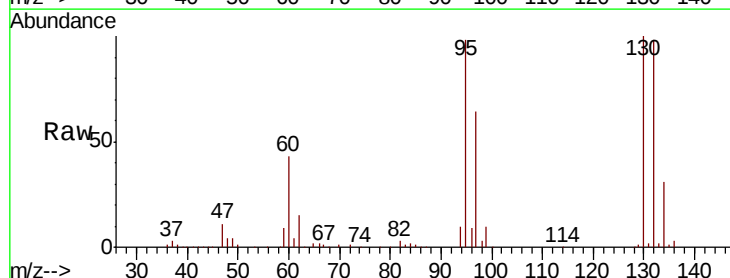
MMDadoda
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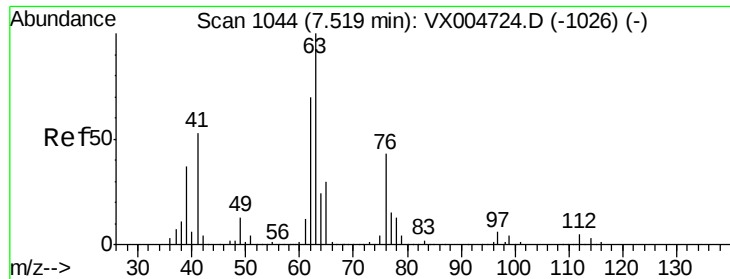


#44

Trichloroethene
 Concen: 51.292 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	181.6





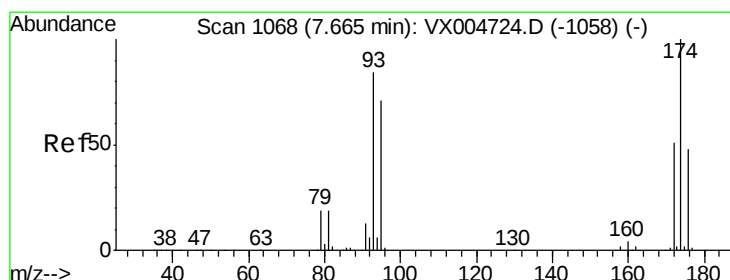
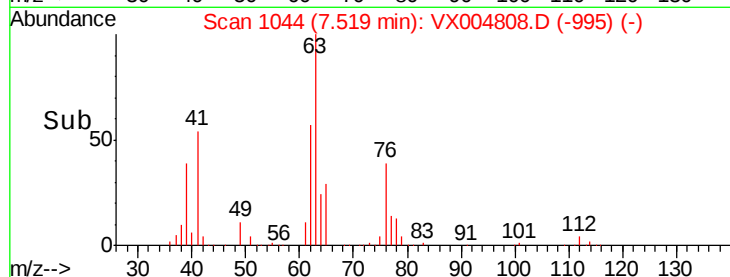
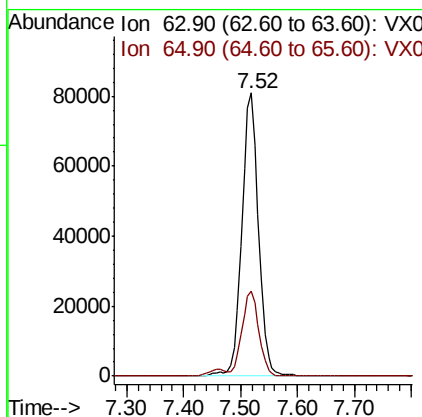
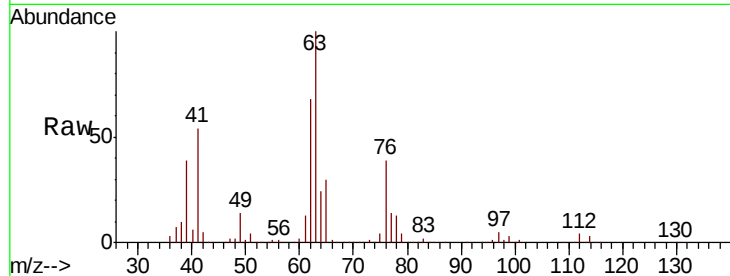
#45
 1,2-Dichloropropane
 Concen: 53.656 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion: 63 Resp: 166387
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5

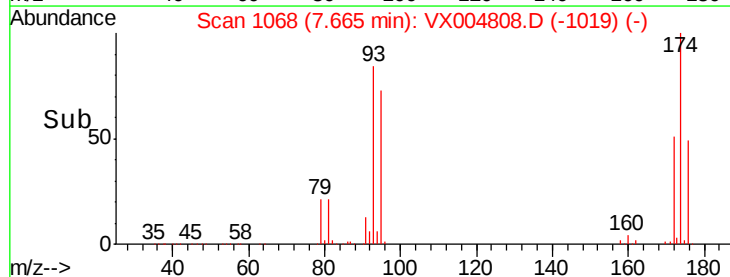
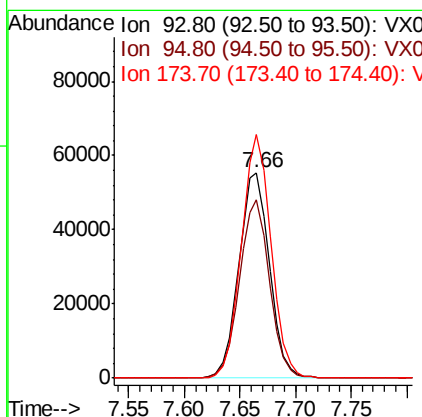
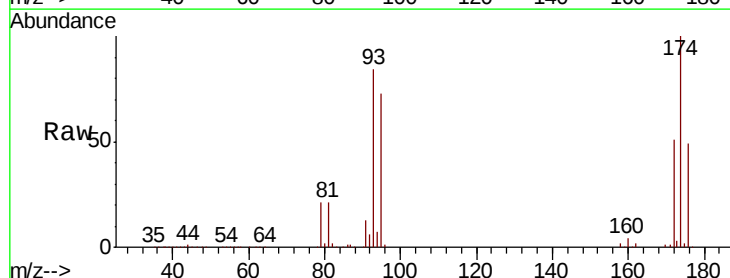
Manual Integrations
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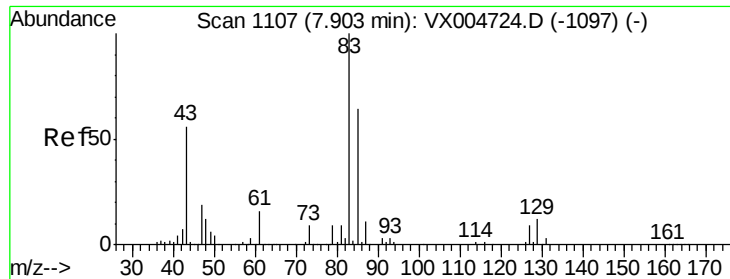
MMDadoda
 9/28/2018 2:26:11 PM



#46
 Dibromomethane
 Concen: 54.108 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion: 93 Resp: 105448
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 115.5 94.2 141.4





#47

Bromodichloromethane

Concen: 56.399 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

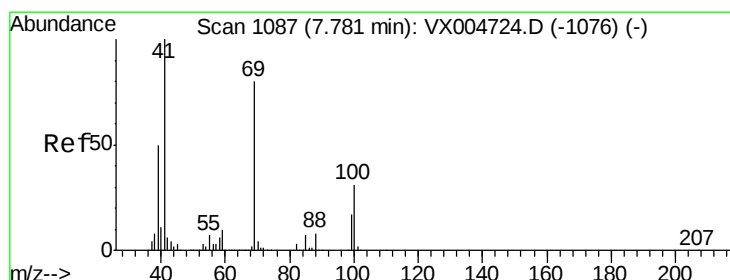
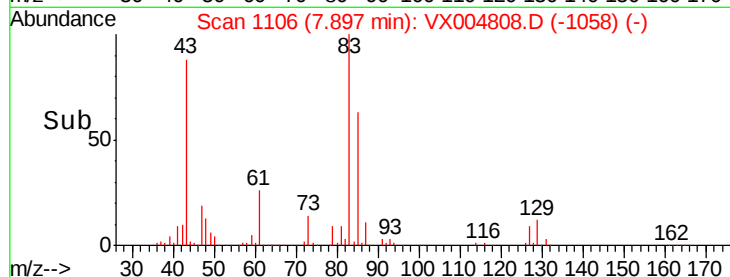
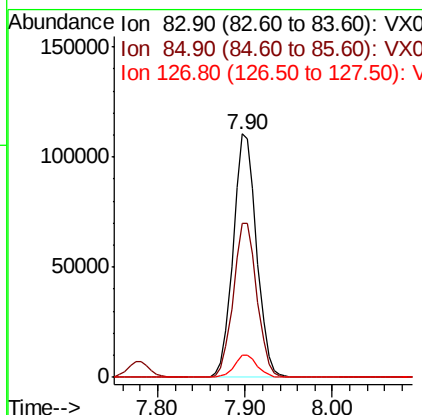
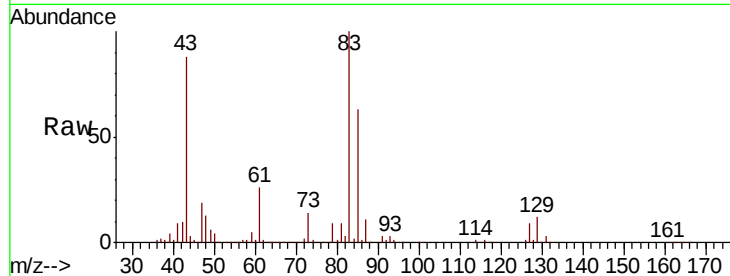
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	83	Resp:	205787
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 60.395 ug/l

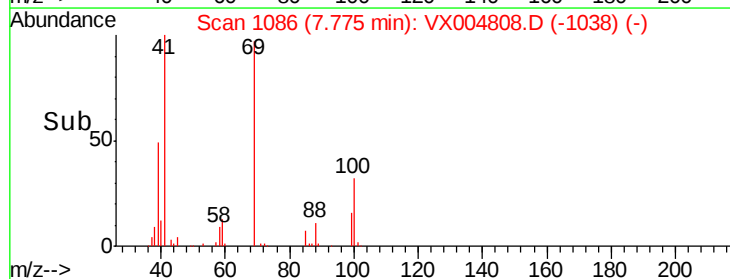
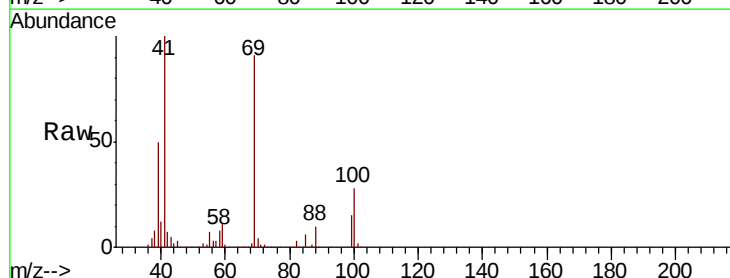
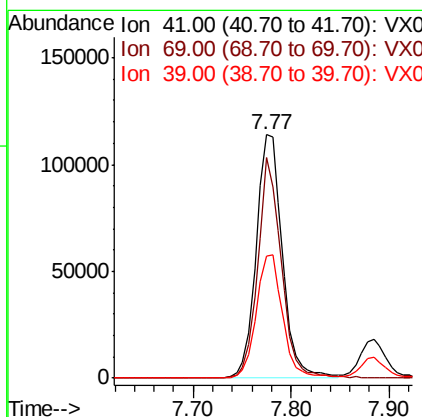
RT: 7.77 min Scan# 1086

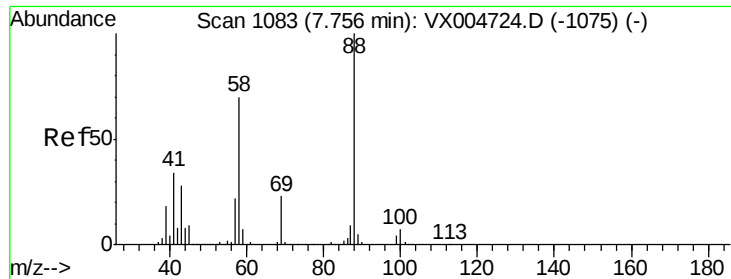
Delta R.T. -0.01 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	41	Resp:	212132
Ion Ratio	Lower	Upper	
41	100		
69	82.0	70.2	105.4
39	51.2	42.7	64.1





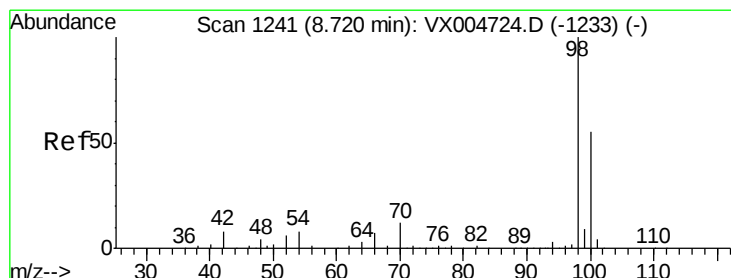
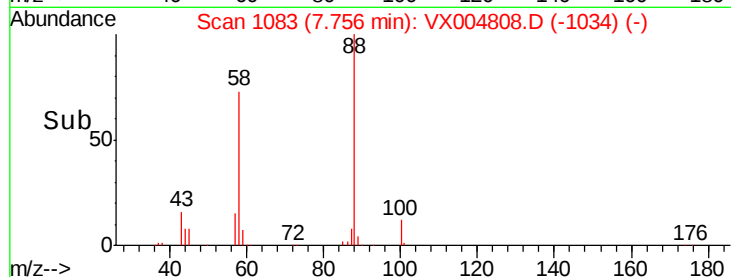
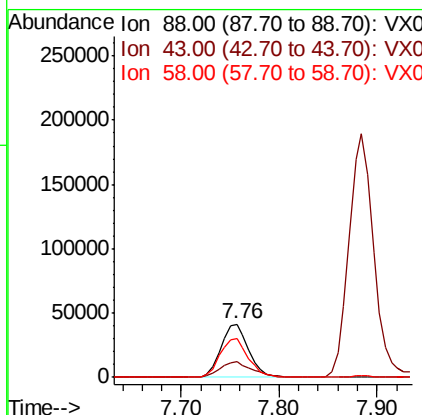
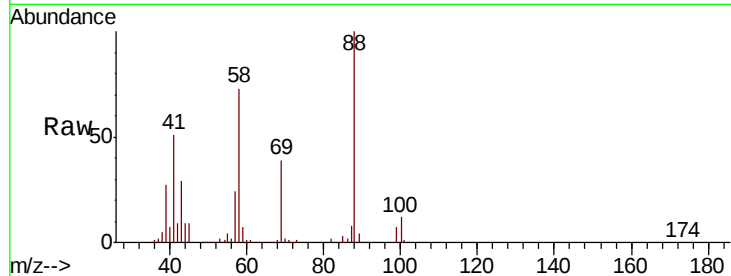
#49
1,4-Dioxane
Concen: 923.909 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	88	Resp	80622
Ion	Ratio	Lower	Upper
88	100		
43	33.8	24.7	37.1
58	75.5	55.3	82.9

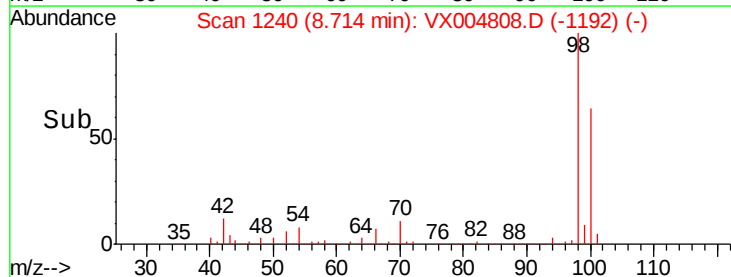
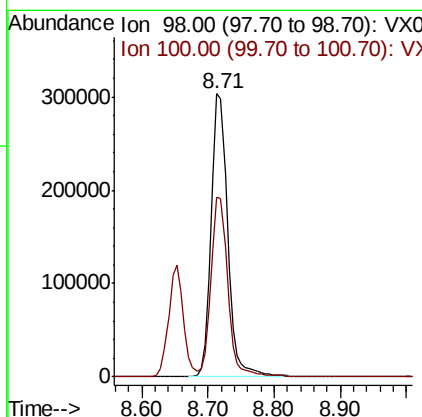
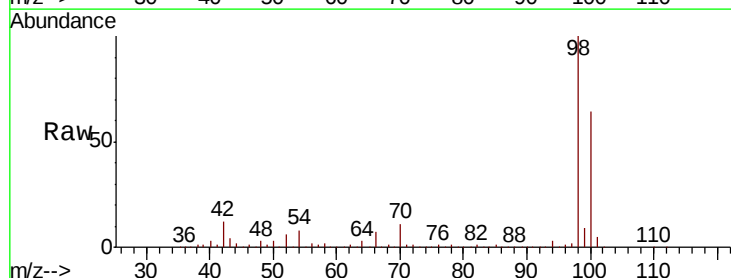
Manual Integrations
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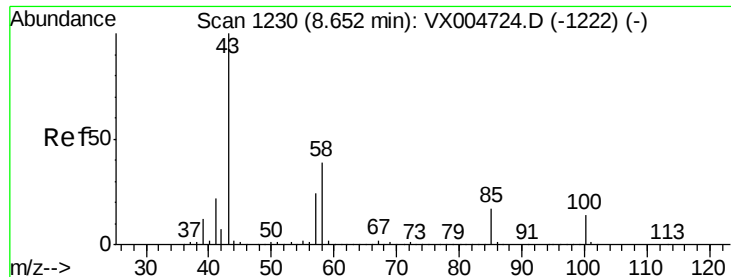
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#50
Toluene-d8
Concen: 53.341 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	98	Resp	524977
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3





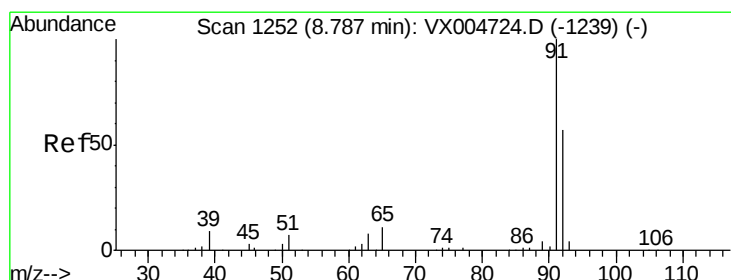
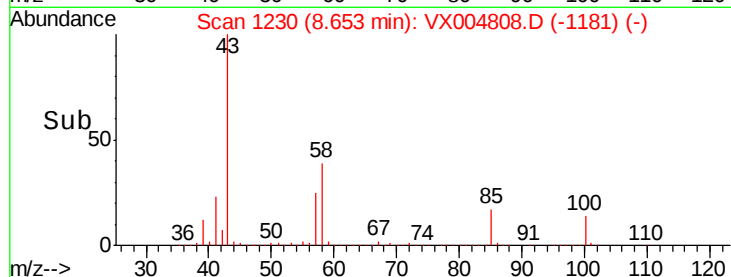
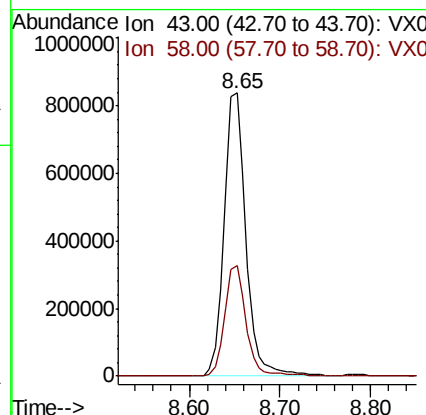
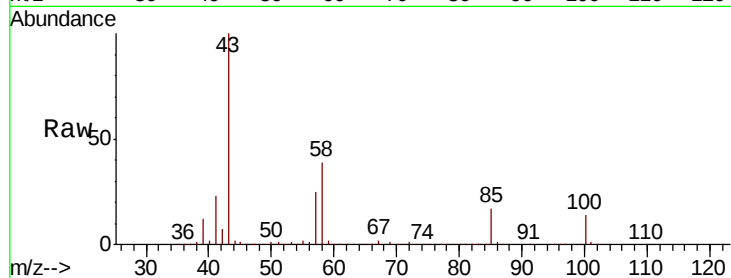
#51
4-Methyl-2-Pentanone
Concen: 289.493 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion: 43 Resp: 1410564
Ion Ratio Lower Upper
43 100
58 38.7 33.1 49.7

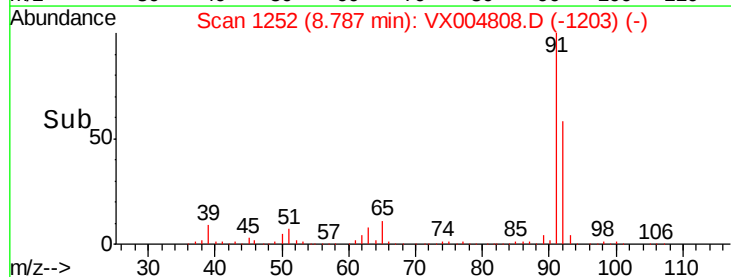
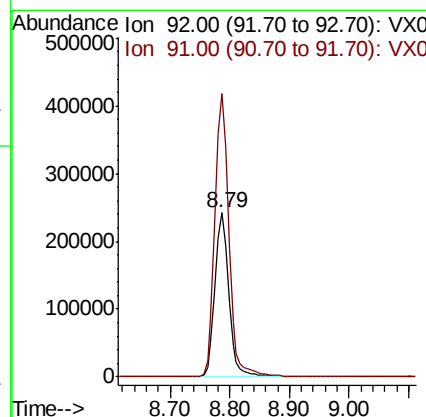
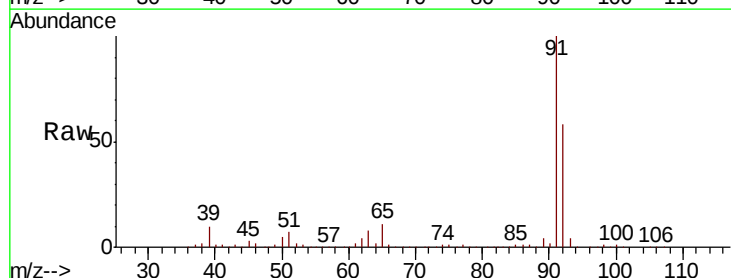
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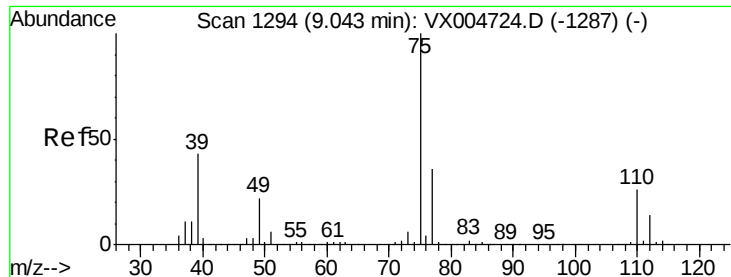
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#52
Toluene
Concen: 55.651 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion: 92 Resp: 386680
Ion Ratio Lower Upper
92 100
91 174.0 136.4 204.6





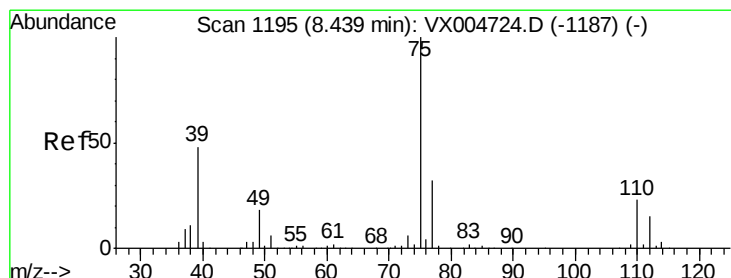
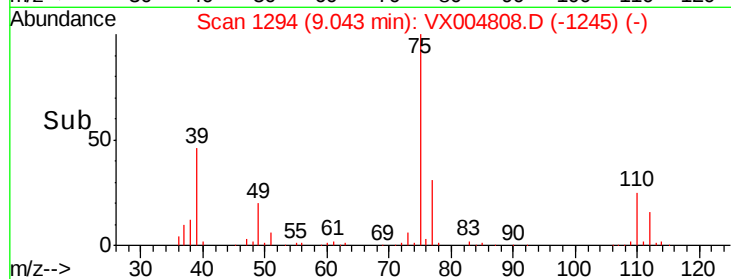
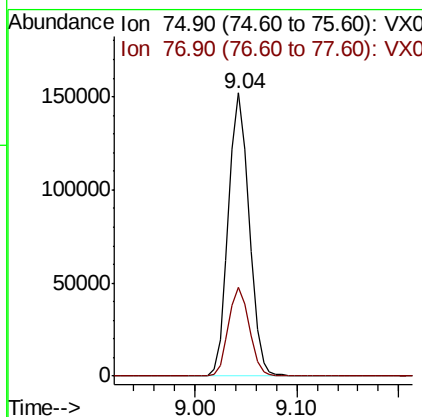
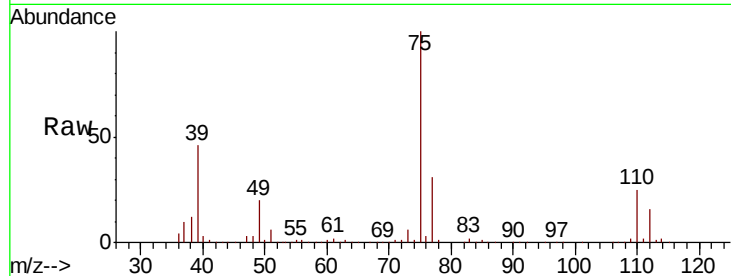
#53
 t-1,3-Dichloropropene
 Concen: 52.104 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion: 75 Resp: 214839
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0

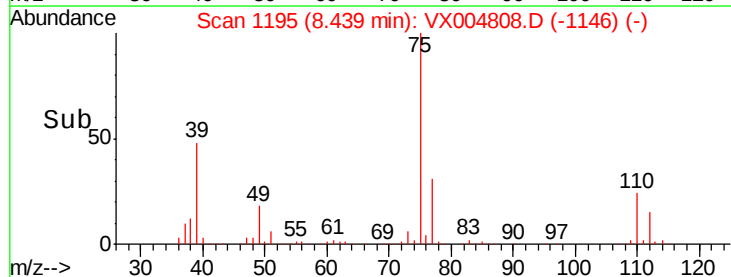
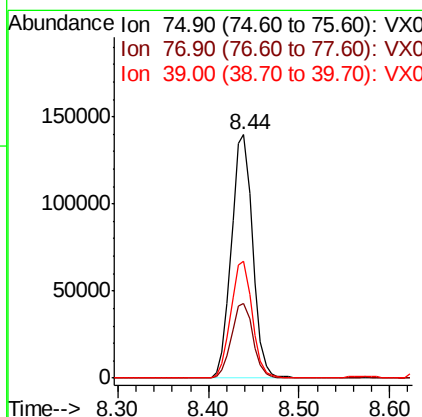
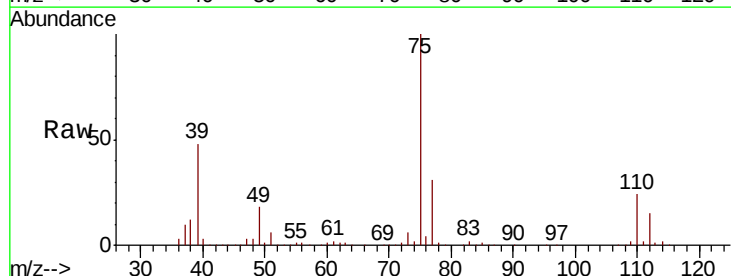
Manual Integrations
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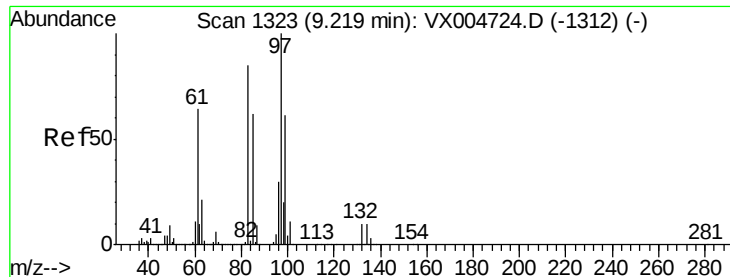
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#54
 cis-1,3-Dichloropropene
 Concen: 52.726 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion: 75 Resp: 227711
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2
 39 47.8 36.4 54.6





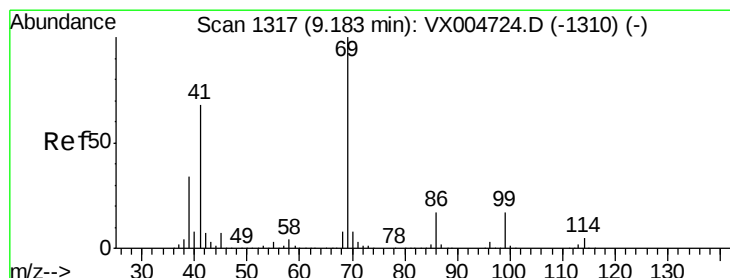
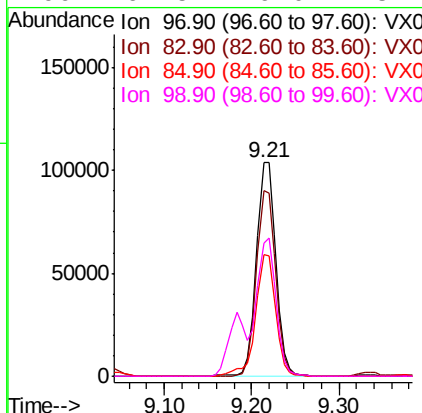
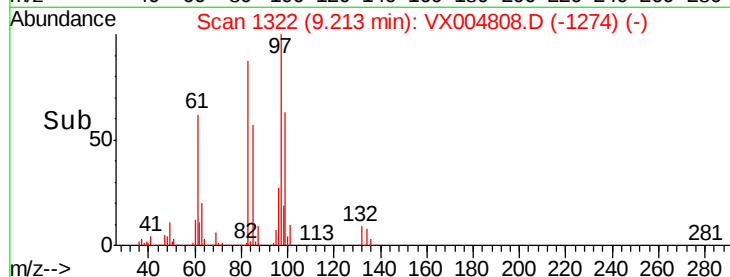
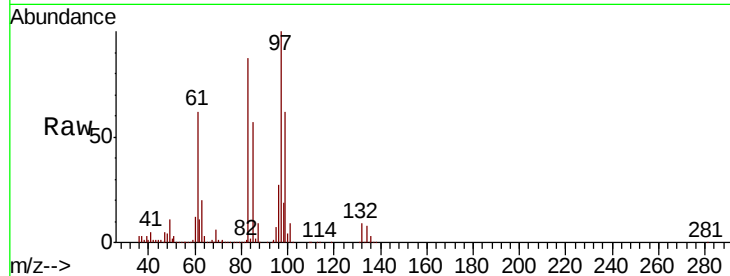
#55
 1,1,2-Trichloroethane
 Concen: 52.577 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160022		
83	86.7	66.4	99.6		
85	56.9	43.3	64.9		
99	62.5	49.0	73.4		

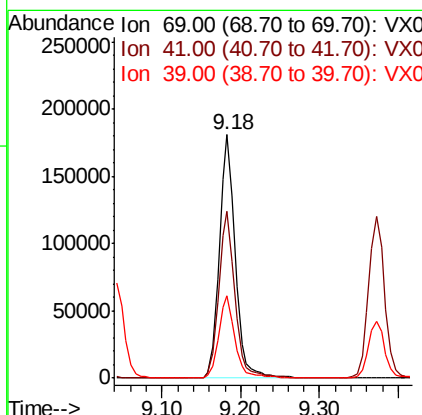
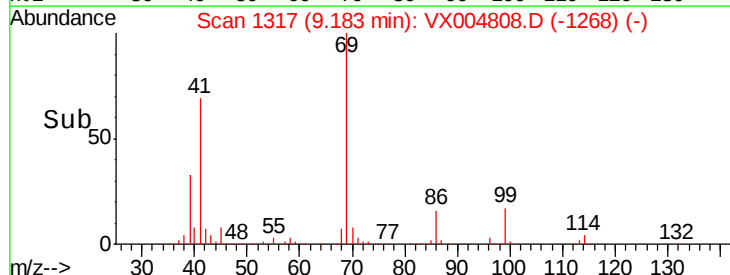
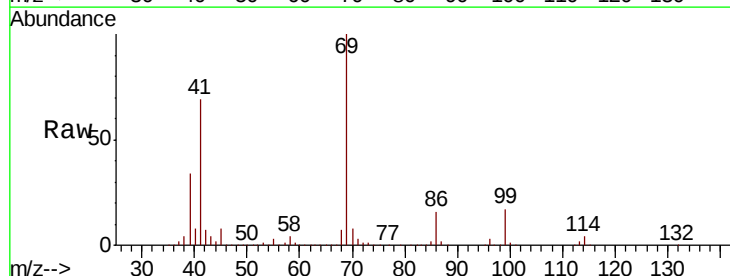
Manual Integrations
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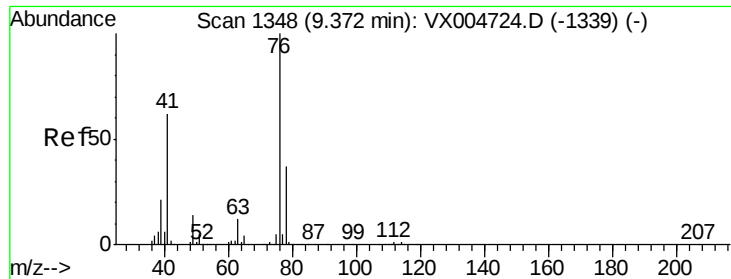
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#56
 Ethyl methacrylate
 Concen: 51.503 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		254822		
41	69.0	51.0	76.4		
39	34.3	26.1	39.1		





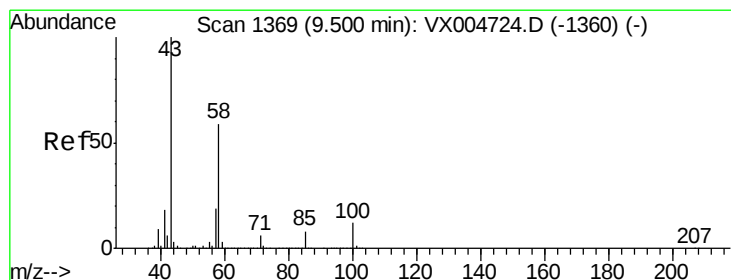
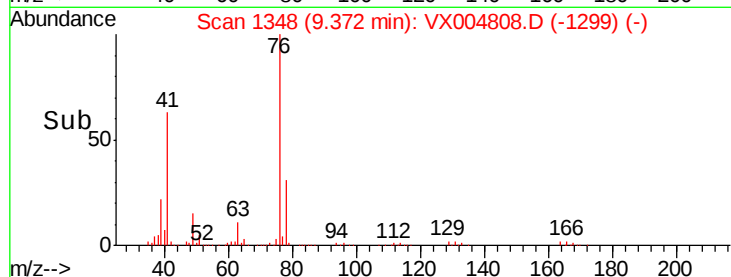
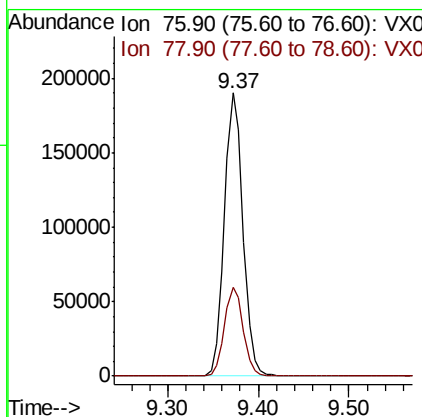
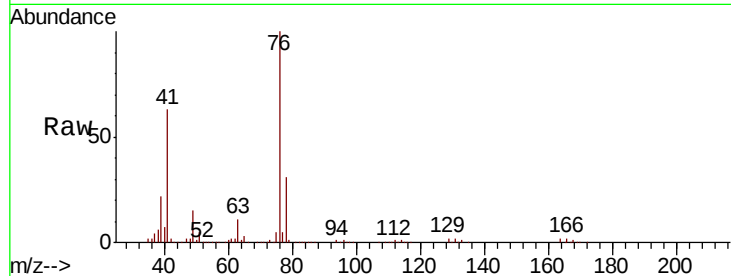
#57
 1,3-Dichloropropane
 Concen: 53.510 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

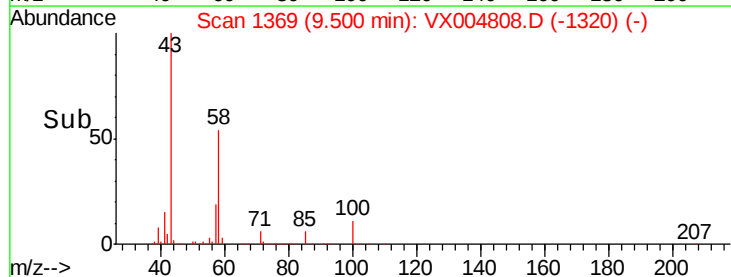
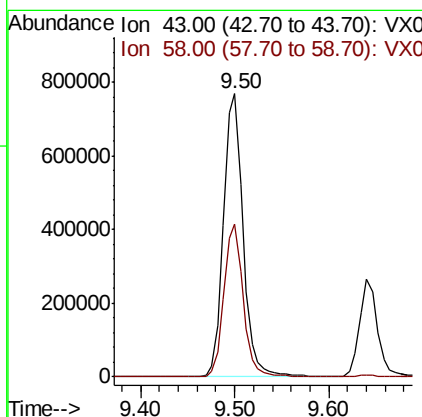
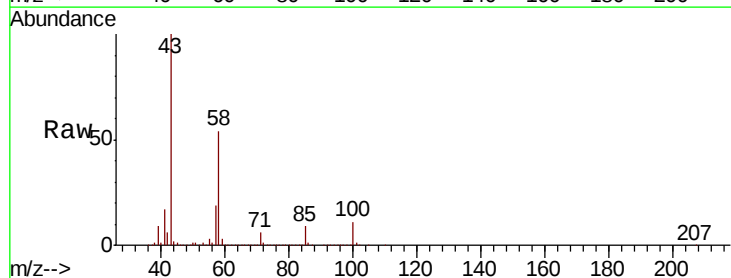
Manual Integrations
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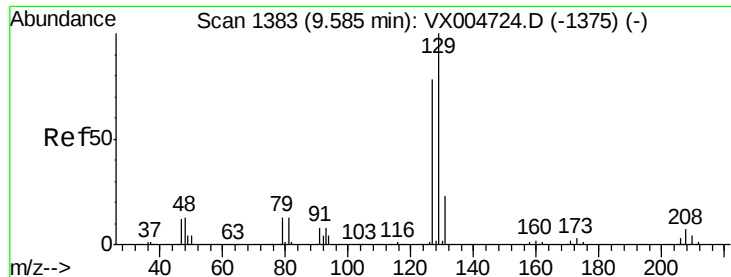
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 9/28/2018 2:26:11 PM



#59
 2-Hexanone
 Concen: 273.590 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.3	29.0	87.0





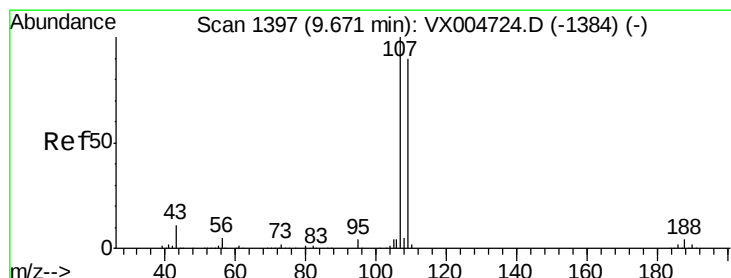
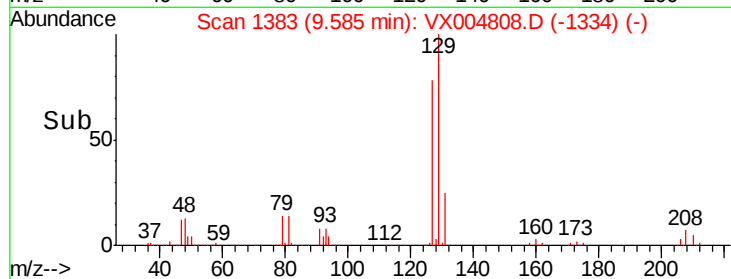
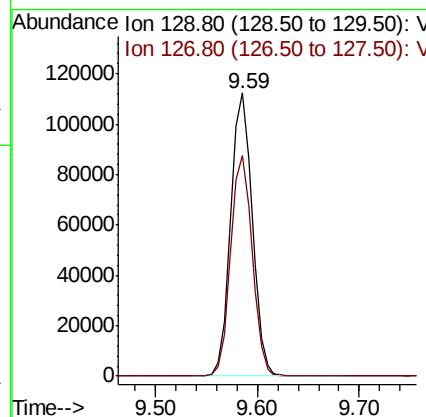
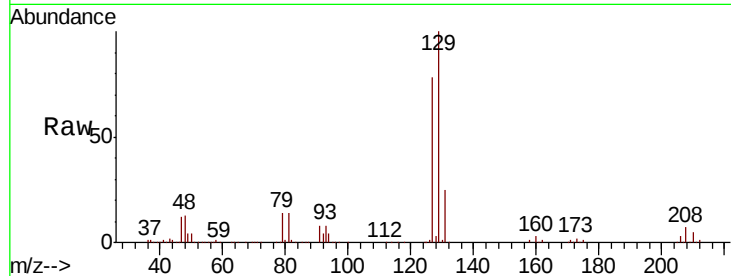
#60
Dibromochloromethane
Concen: 53.873 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.5

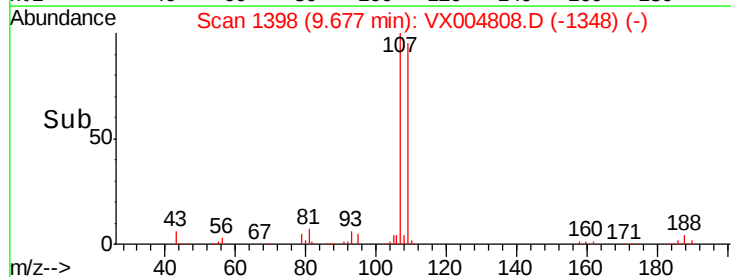
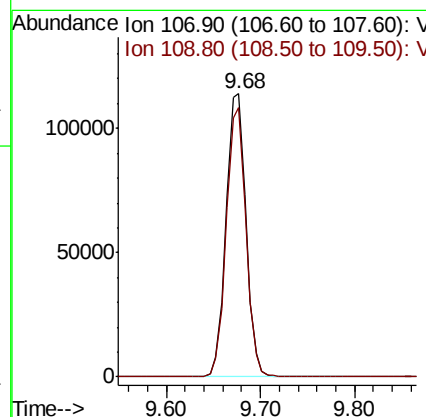
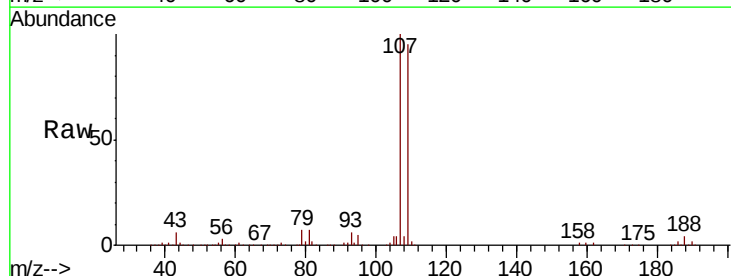
Manual Integrations
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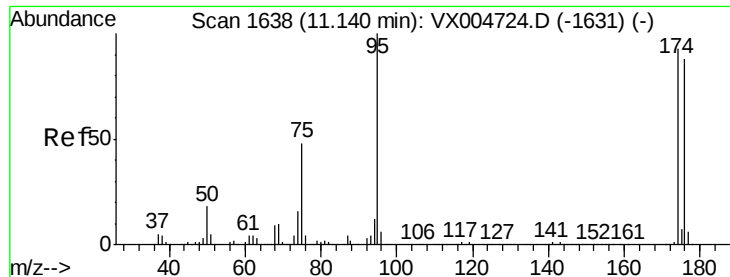
MMDadoda
9/28/2018 2:26:11 PM



#61
1,2-Dibromoethane
Concen: 51.115 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.0	114.0





#62

4-Bromofluorobenzene

Concen: 54.676 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

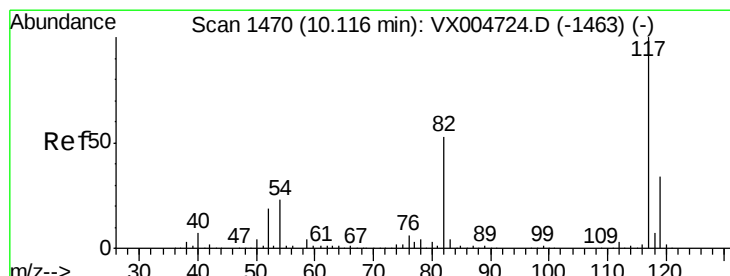
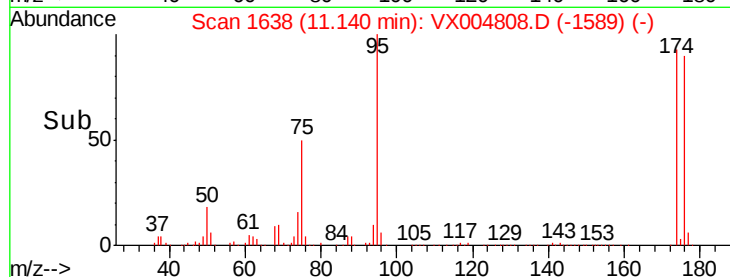
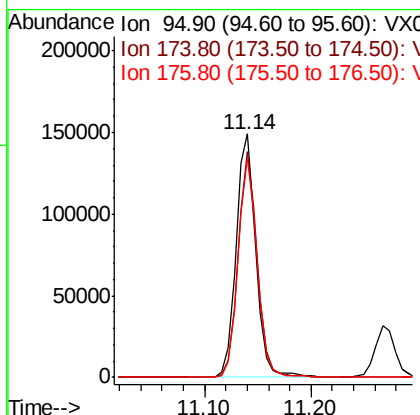
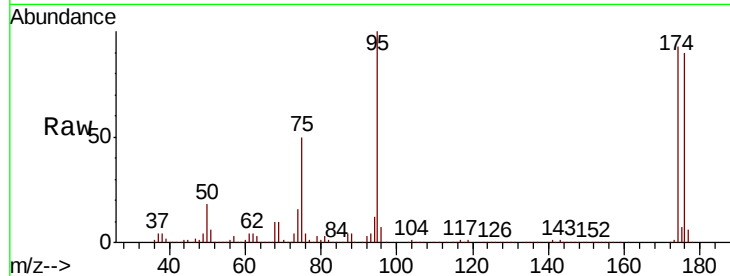
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion	95	Resp	193859
Ion Ratio	Lower	Upper	
95	100		
174	89.5	0.0	185.2
176	87.2	0.0	178.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

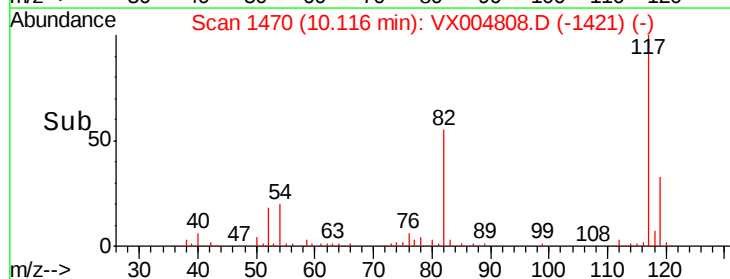
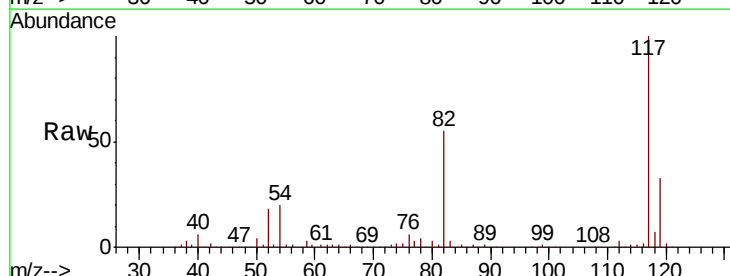
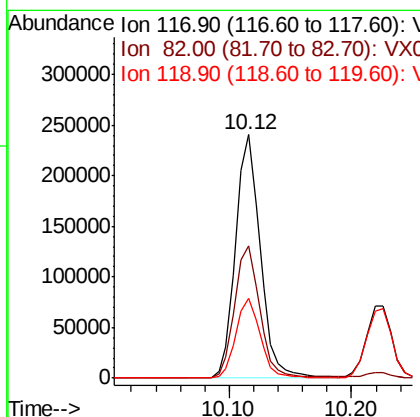
RT: 10.12 min Scan# 1470

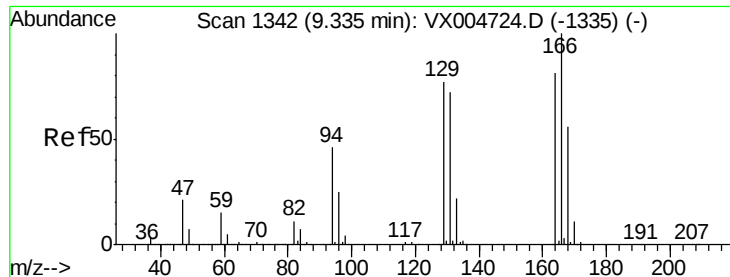
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion	117	Resp	336393
Ion Ratio	Lower	Upper	
117	100		
82	54.5	47.8	71.6
119	32.7	29.3	43.9





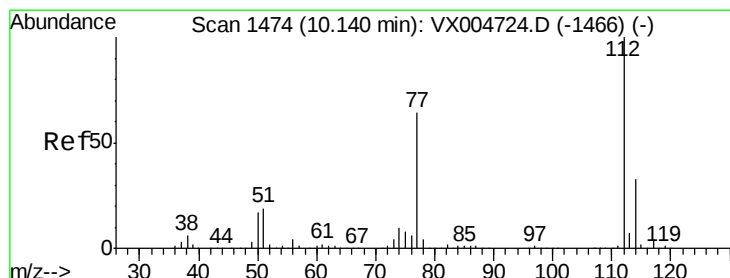
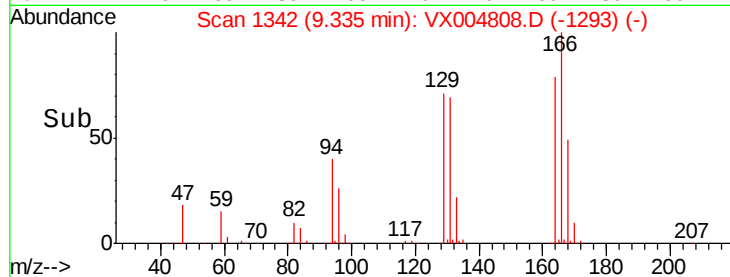
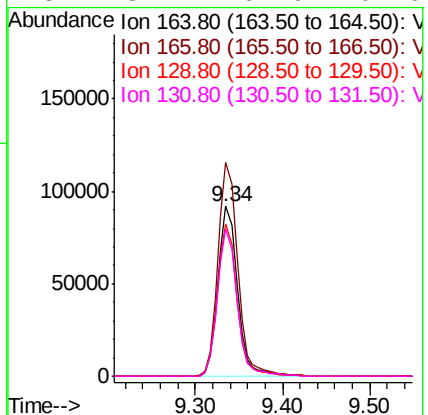
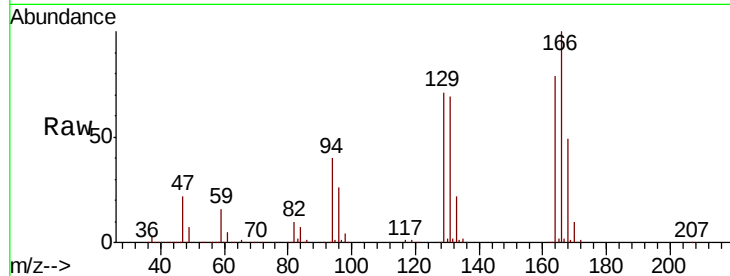
#64
Tetrachloroethene
Concen: 43.072 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.8	154.2
129	89.7	69.4	104.0
131	87.1	67.9	101.9

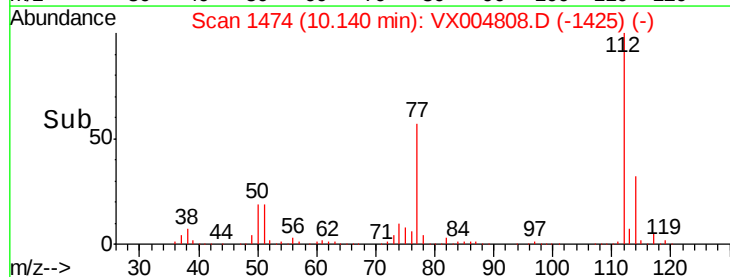
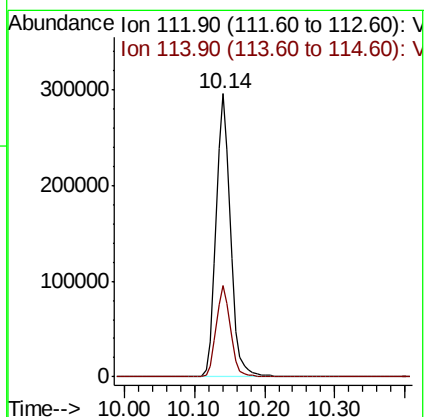
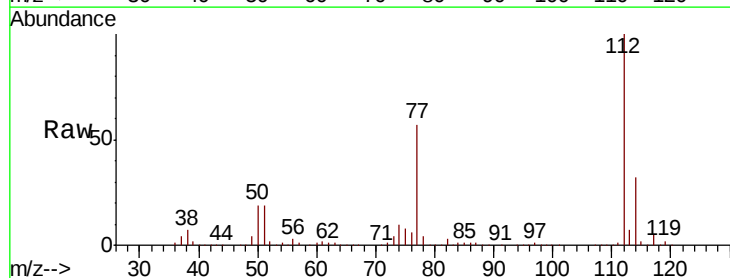
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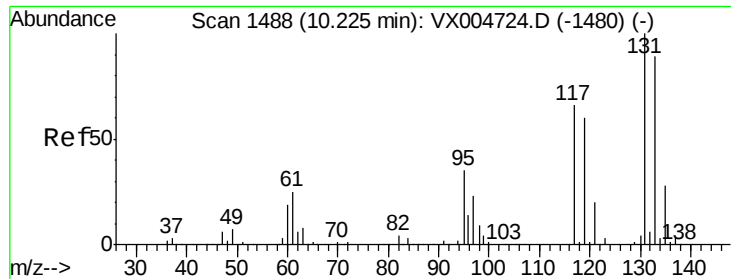
MMDadoda
9/28/2018 2:26:11 PM



#65
Chlorobenzene
Concen: 49.260 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	27.8	41.8





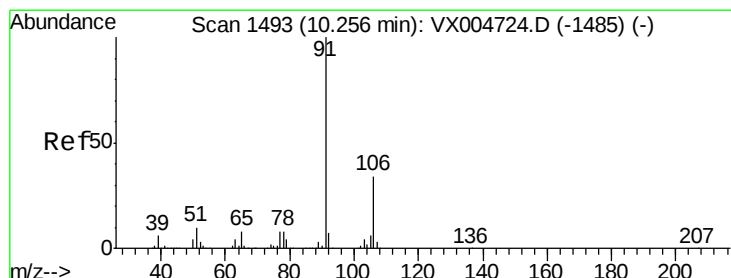
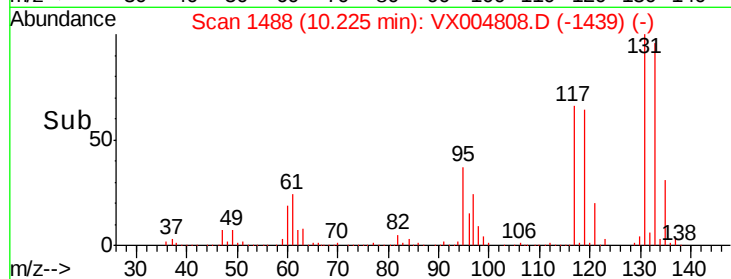
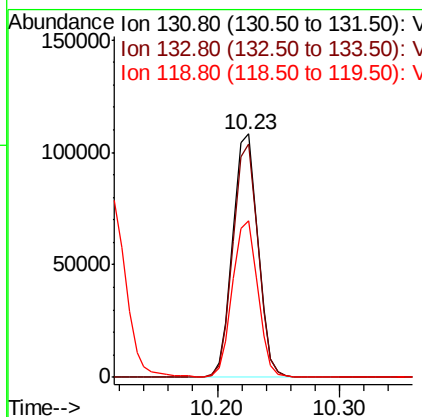
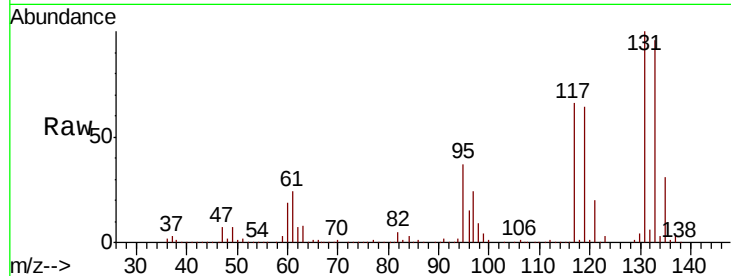
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.815 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	154098		
133	95.4	48.1	144.4	
119	64.5	32.9	98.6	

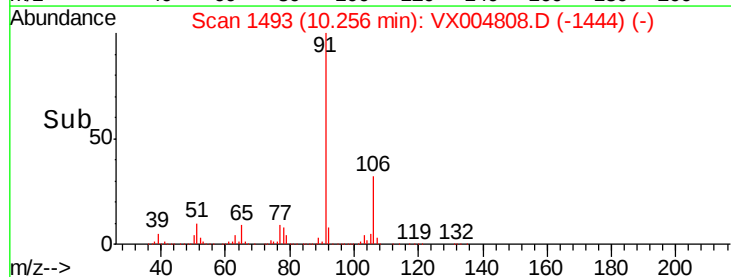
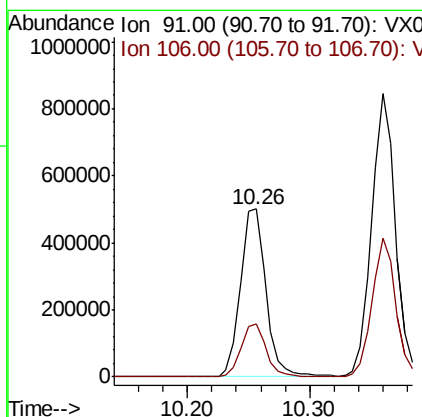
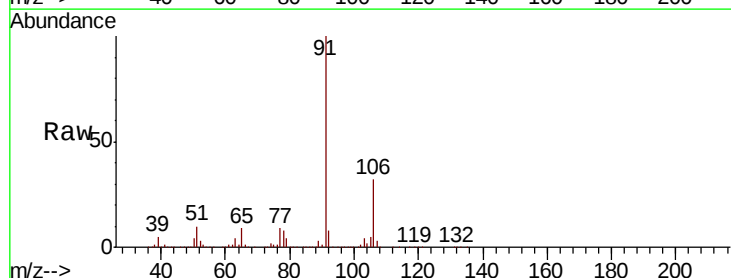
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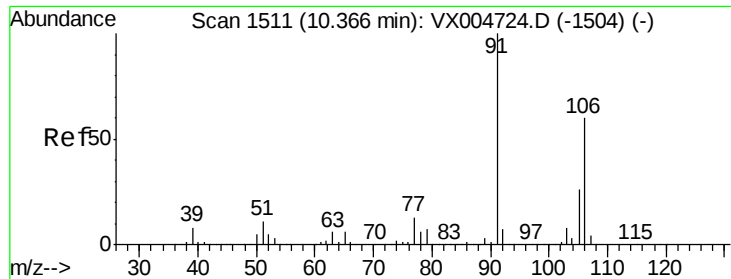
MMDadoda
 9/28/2018 2:26:11 PM



#67
 Ethyl Benzene
 Concen: 52.904 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	724514		
106	31.6	25.9	38.9	





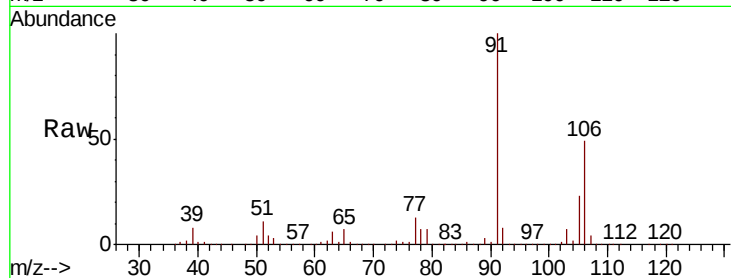
#68
m/p-Xvlenes
Concen: 106.166 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

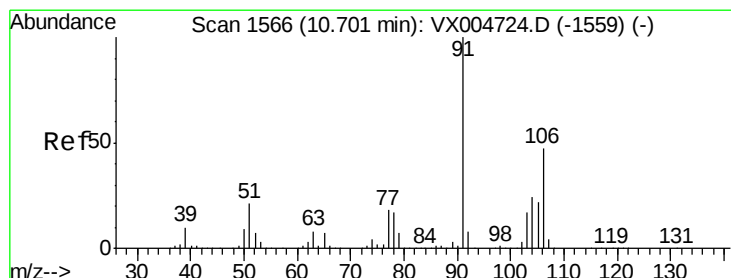
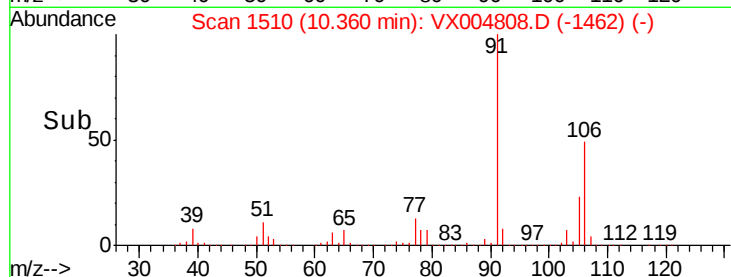
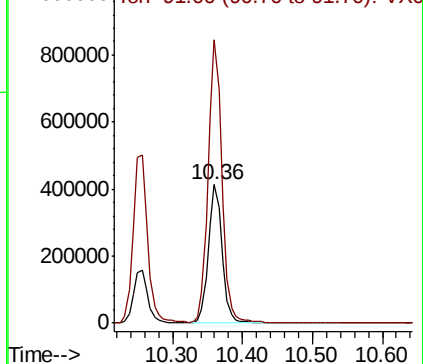
Tot Ion	Ratio	Lower	Upper
106	100		
91	204.9	157.1	235.7

Manual Integrations
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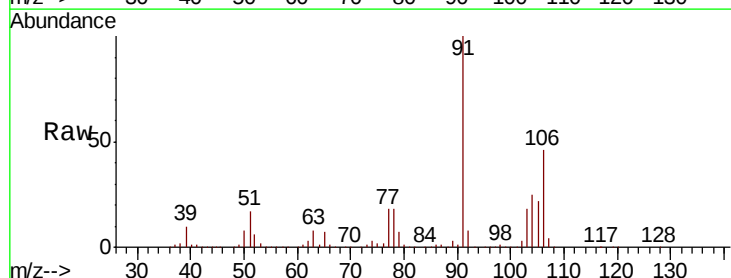


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

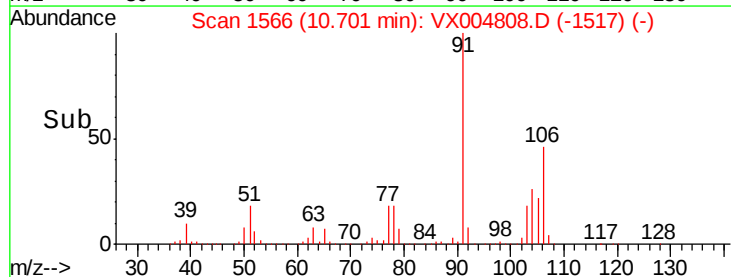
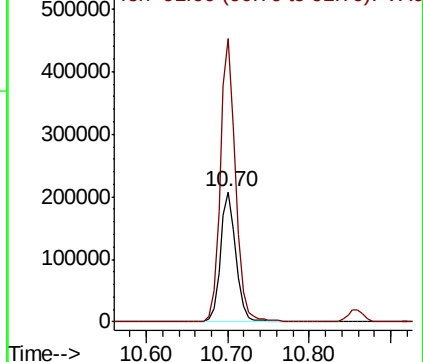


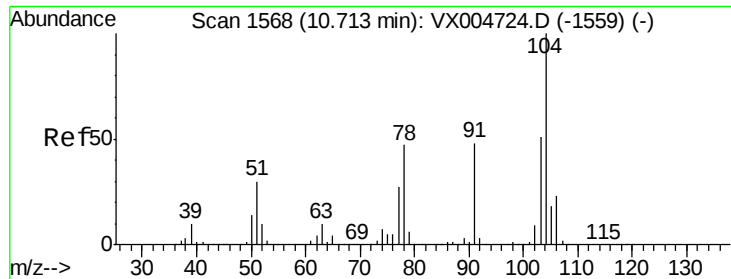
#69
o-Xylene
Concen: 55.672 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.9	105.1	315.1



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





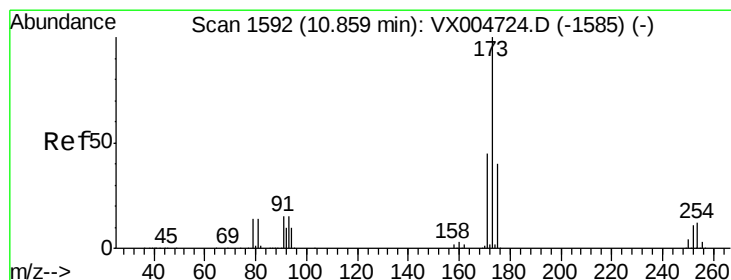
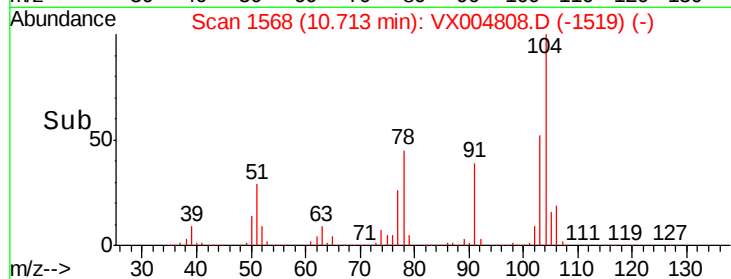
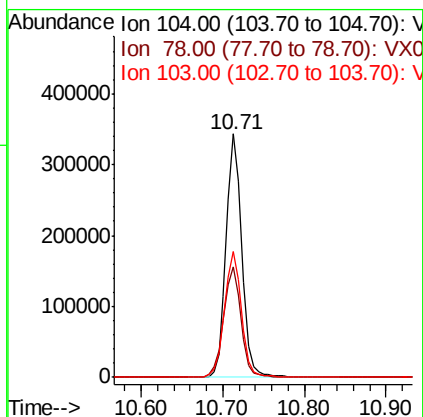
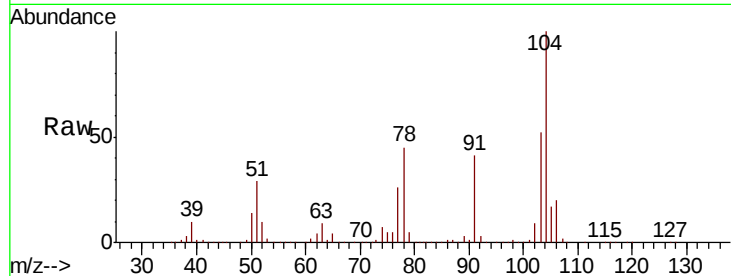
#70
Stvrene
Concen: 49.875 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	37.4	56.0
103	55.7	43.8	65.6

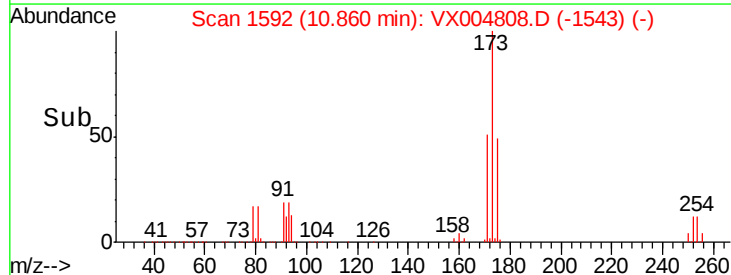
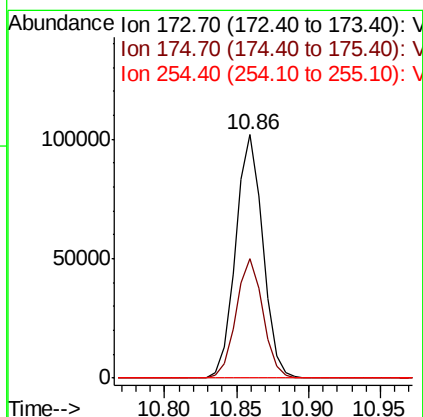
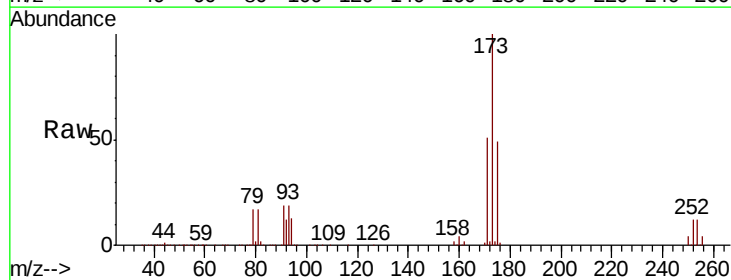
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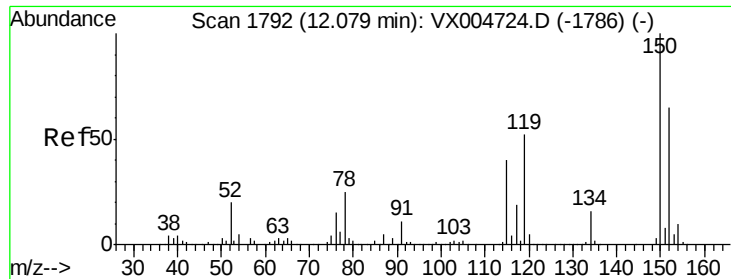
MMDadoda
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#71
Bromoform
Concen: 51.708 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.3
254	0.1	0.2	0.2#





#72

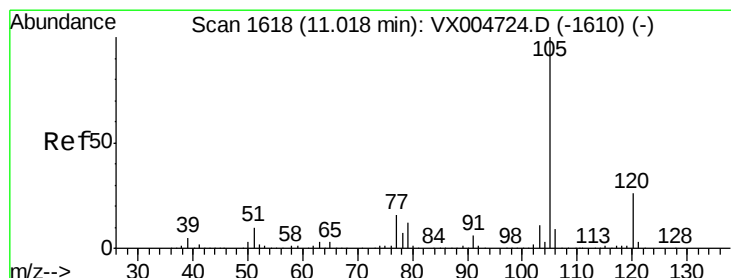
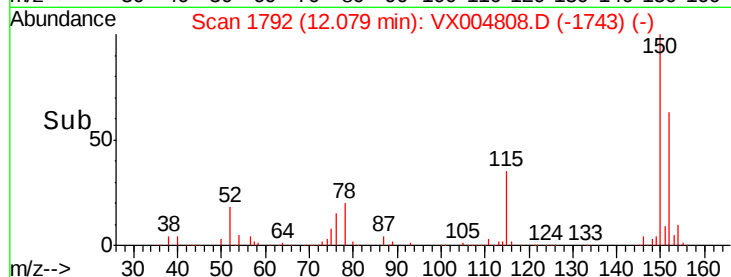
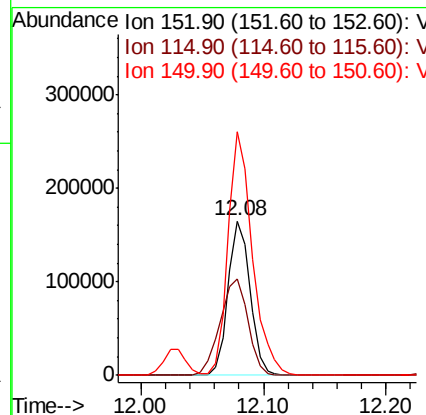
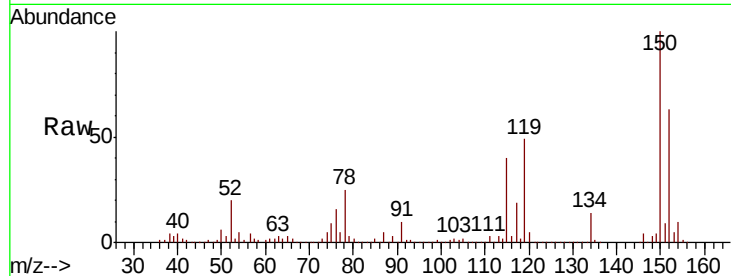
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	205057		
115	80.1	39.0	117.0	
150	174.3	0.0	351.0	

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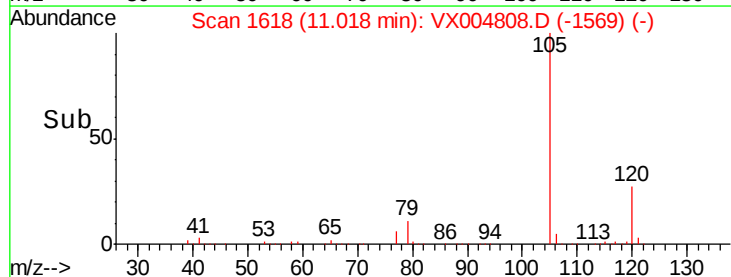
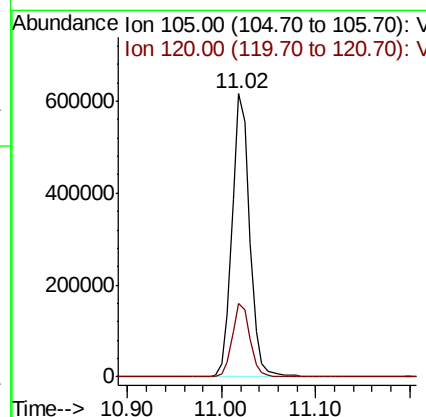
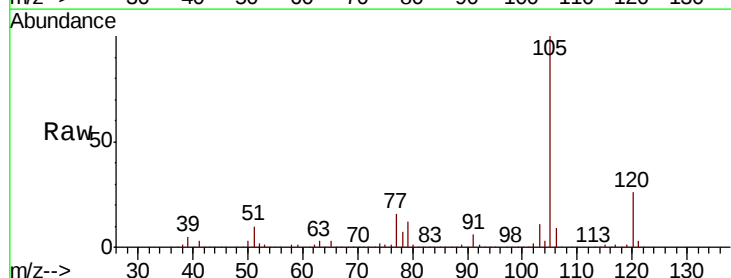
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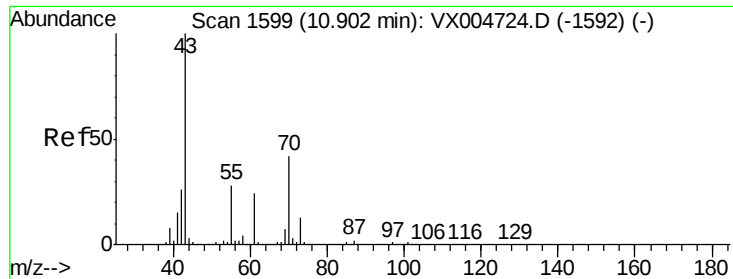


#73

Isopropylbenzene
Concen: 61.935 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	800508		
120	26.3	13.5	40.4	





#74

N-amvl acetate

Concen: 48.968 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

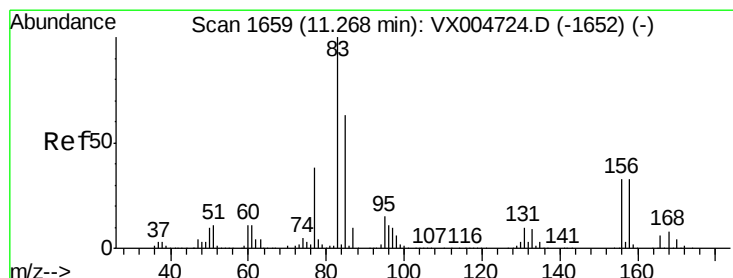
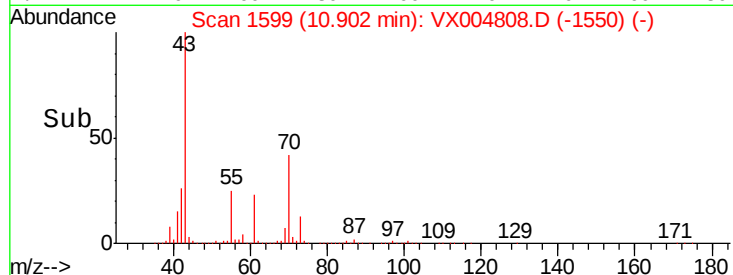
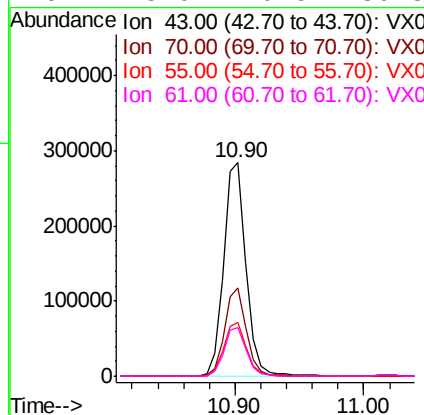
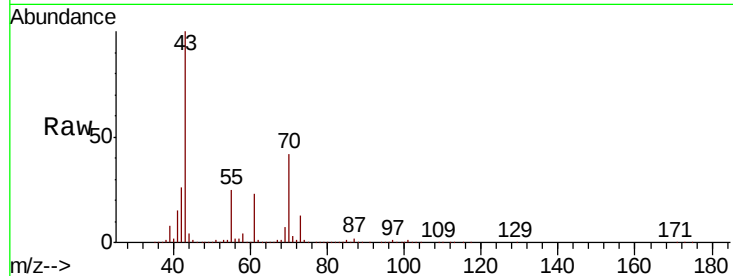
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	43	Resp:	347611
Ion Ratio		Lower	Upper
43	100		
70	40.5	37.4	56.0
55	25.6	21.8	32.8
61	23.0	20.6	30.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 50.600 ug/l

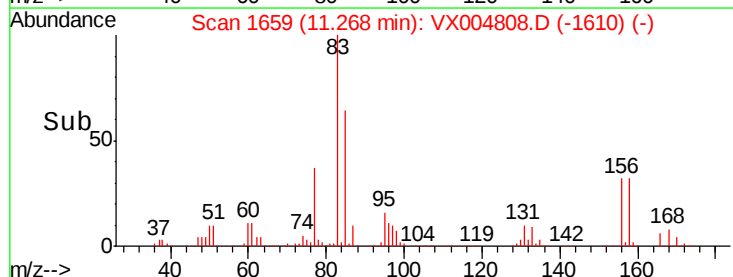
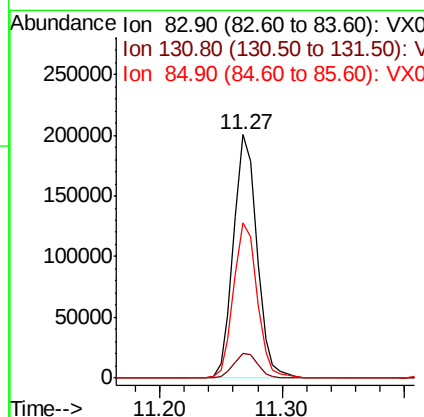
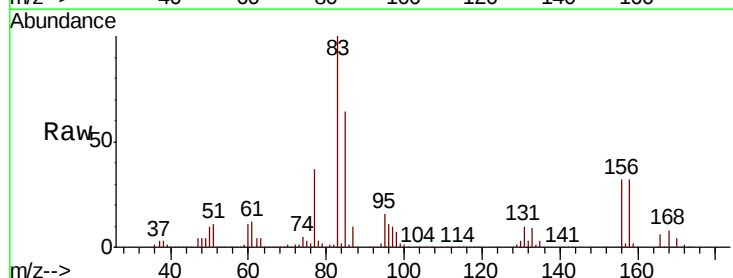
RT: 11.27 min Scan# 1659

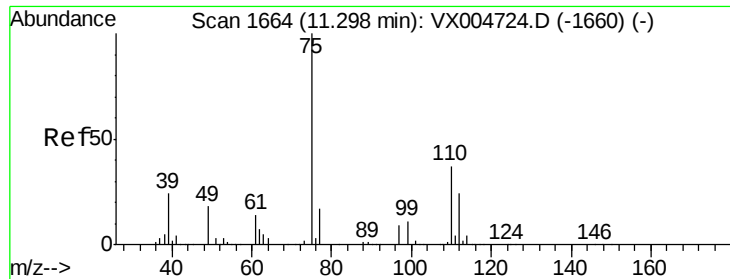
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	83	Resp:	266223
Ion Ratio		Lower	Upper
83	100		
131	10.3	5.2	15.6
85	64.3	32.3	96.8





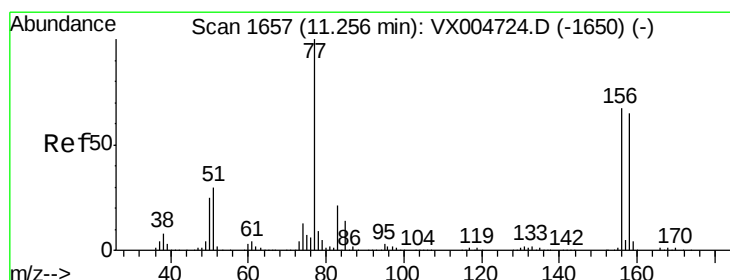
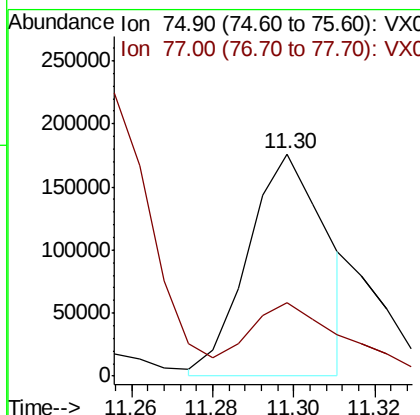
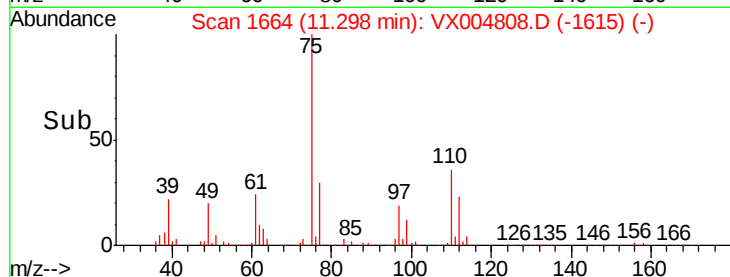
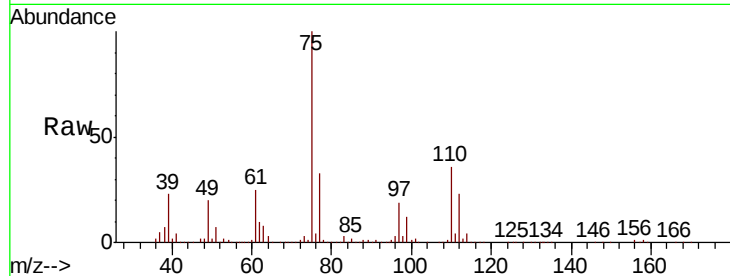
#76
1,2,3-Trichloropropane
Concen: 51.367 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion: 75 Resp: 236088
Ion Ratio Lower Upper
75 100
77 40.7 20.2 60.6

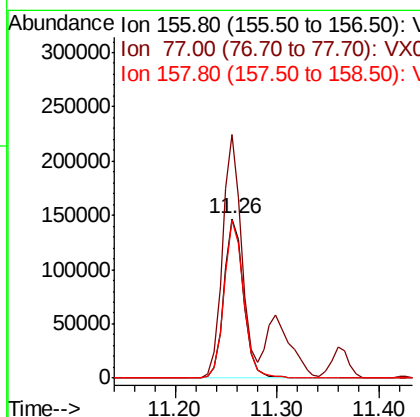
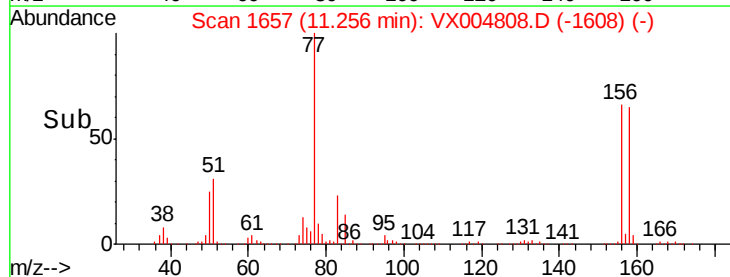
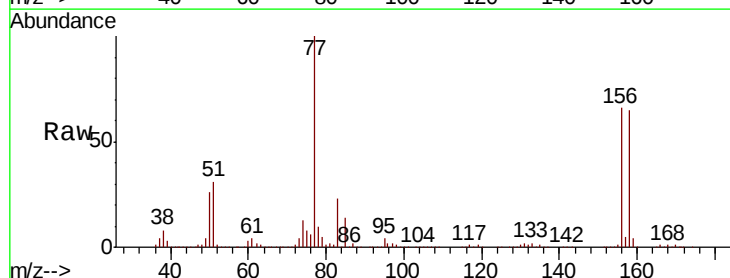
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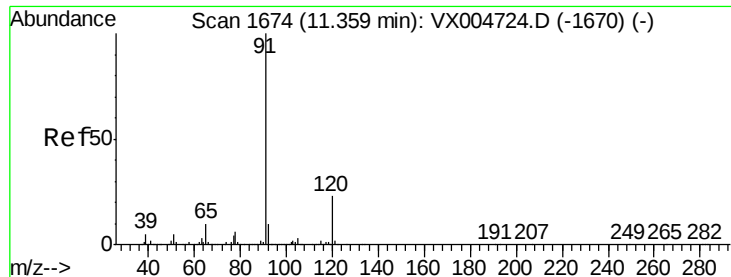
MMDadoda
9/28/2018 2:26:11 PM



#77
Bromobenzene
Concen: 52.131 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion: 156 Resp: 195709
Ion Ratio Lower Upper
156 100
77 148.3 71.5 214.3
158 98.4 48.9 146.8





#78

n-propylbenzene

Concen: 57.587 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion: 91 Resp: 854011

Ion Ratio Lower Upper

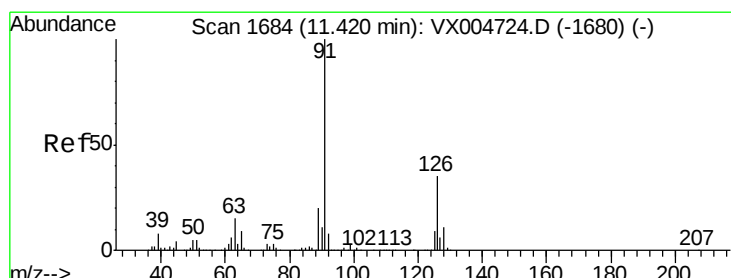
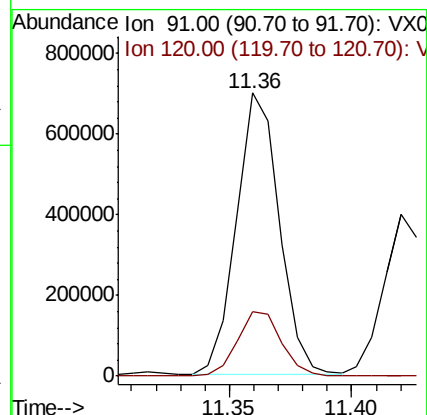
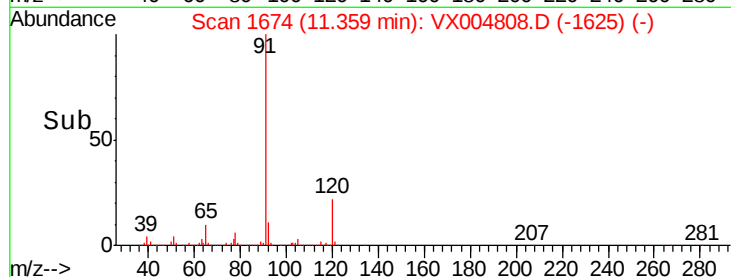
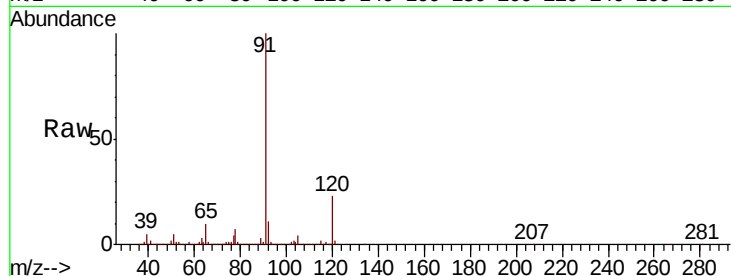
91 100

120 23.7 11.9 35.9

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#79

2-Chlorotoluene

Concen: 53.921 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004808.D

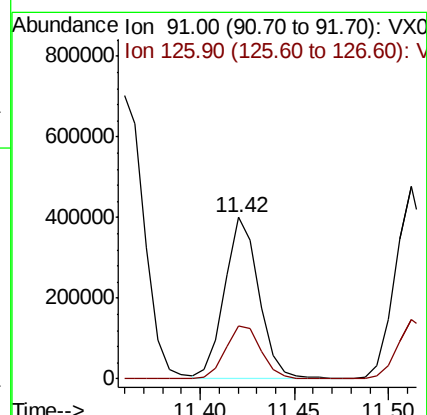
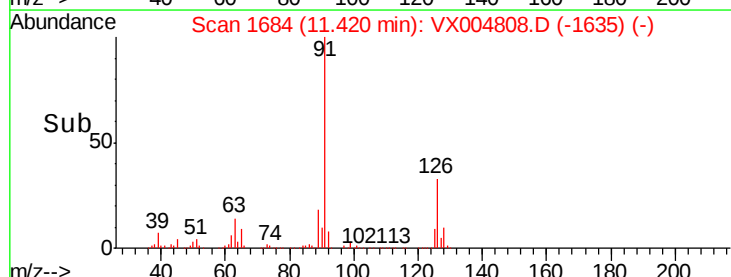
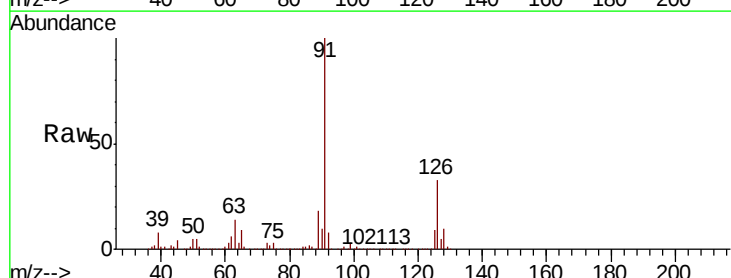
Acq: 28 Sep 2018 07:17

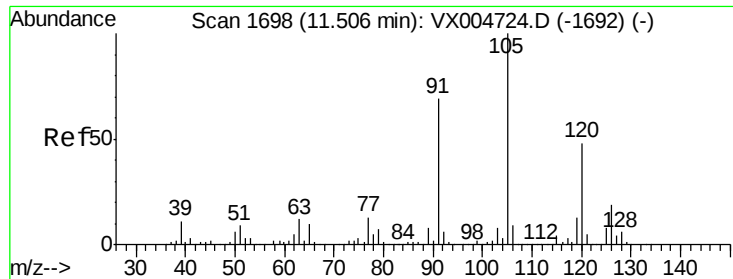
Tgt Ion: 91 Resp: 498431

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7





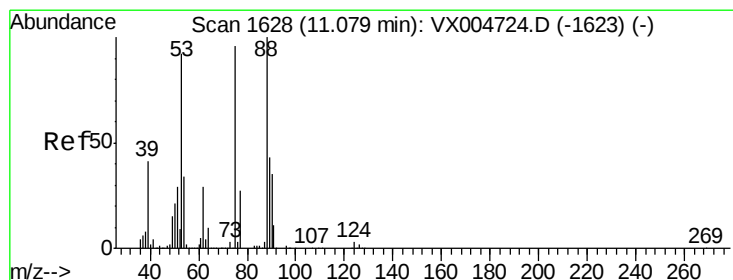
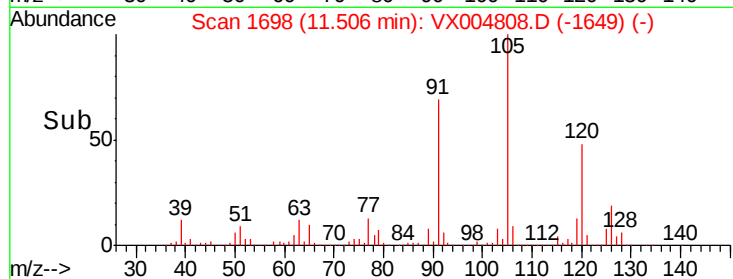
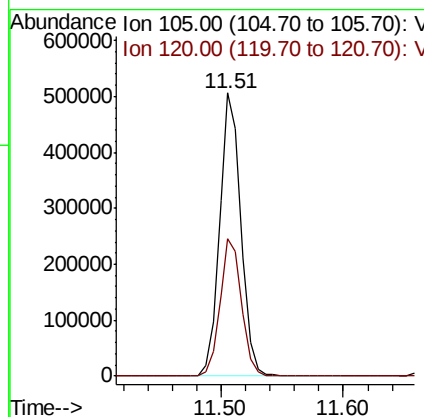
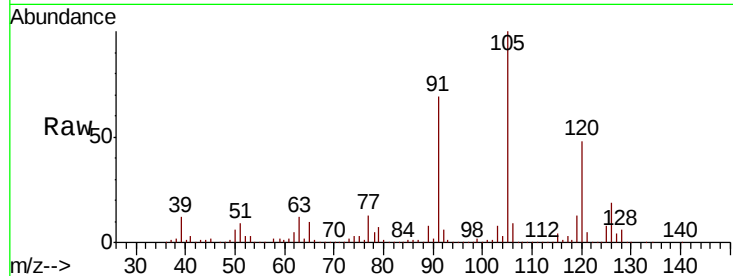
#80
 1,3,5-Trimethylbenzene
 Concen: 51.752 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.6	76.8

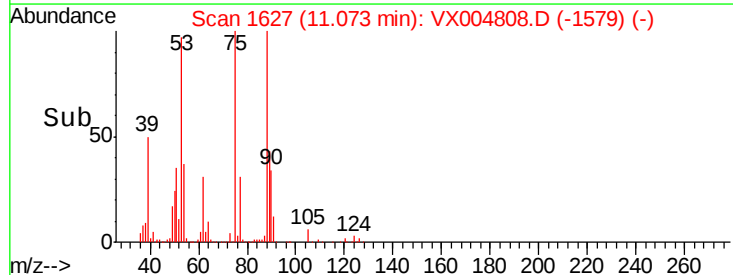
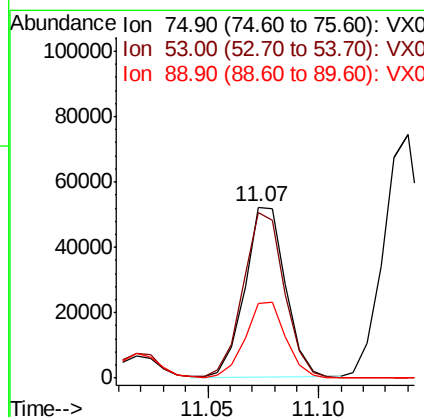
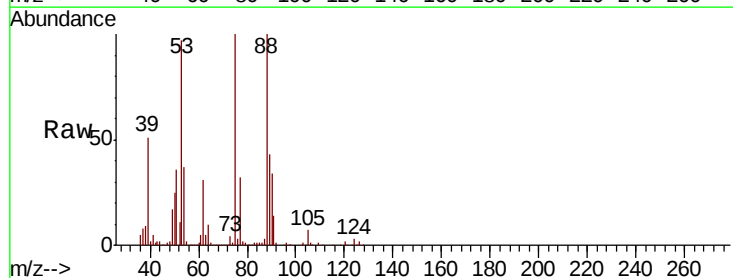
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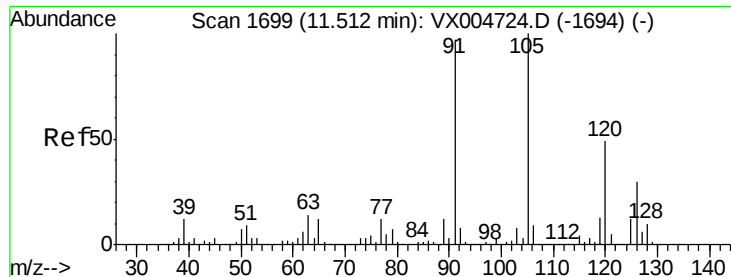
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.674 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.3	80.1	120.1
89	45.0	37.2	55.8





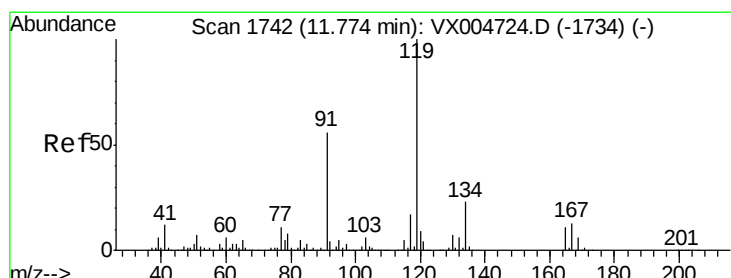
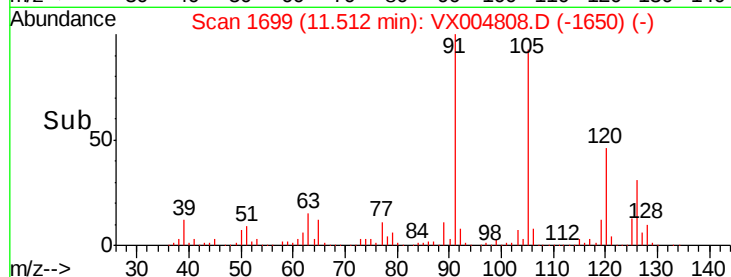
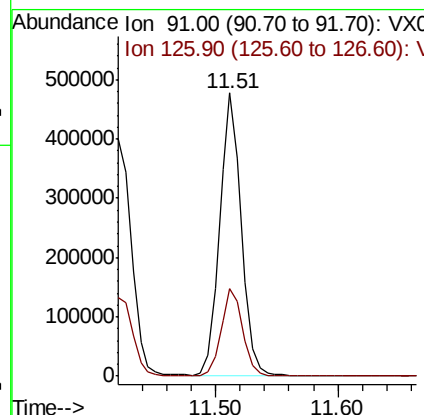
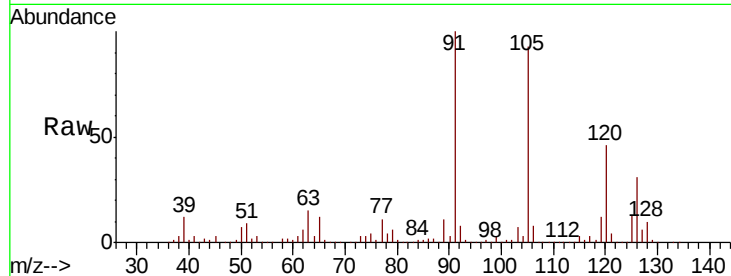
#82
4-Chlorotoluene
Concen: 54.227 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion: 91 Resp: 590003
Ion Ratio Lower Upper
91 100
126 30.8 15.5 46.5

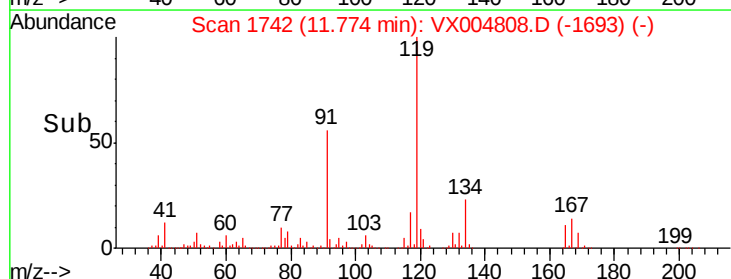
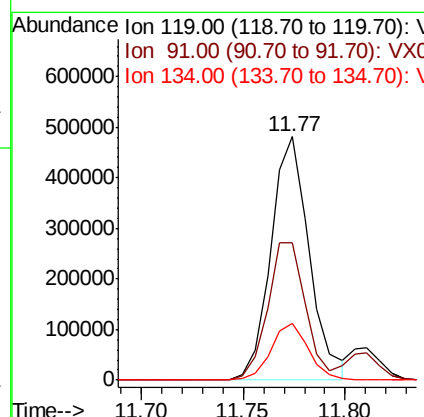
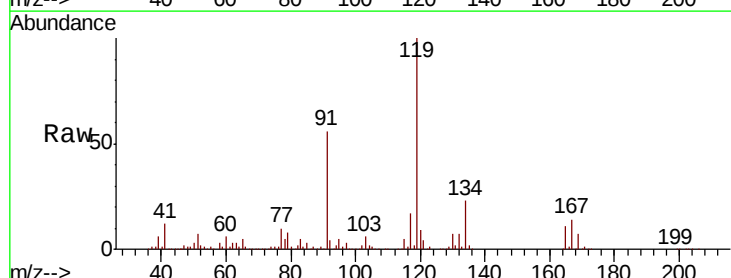
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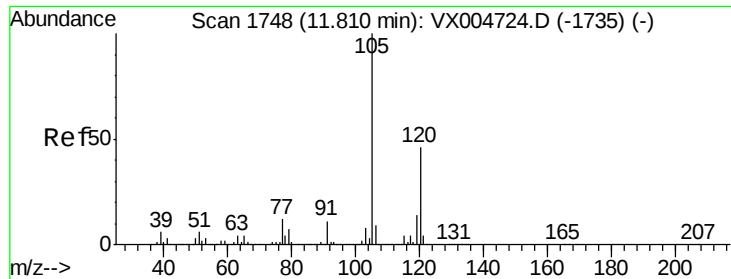
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#83
tert-Butylbenzene
Concen: 59.172 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion: 119 Resp: 629685
Ion Ratio Lower Upper
119 100
91 55.9 27.0 81.0
134 22.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 51.844 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:105 Resp: 633278

Ion Ratio Lower Upper

105 100

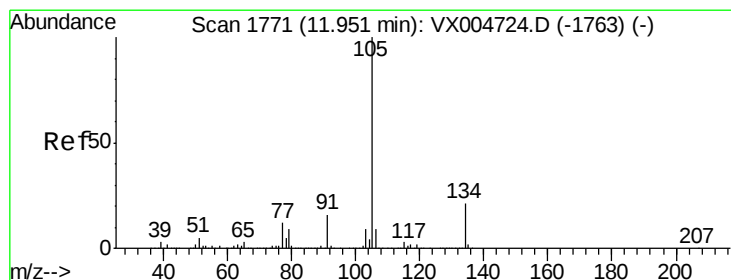
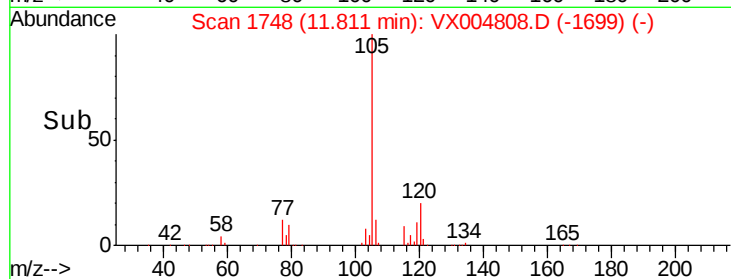
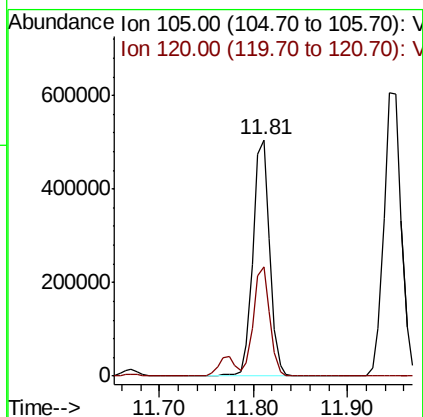
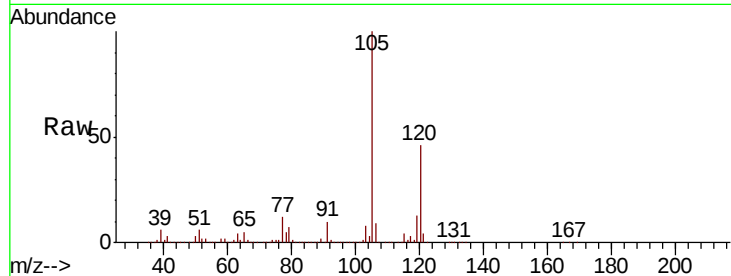
120 45.3 23.2 69.6

Manual Integrations

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#85

sec-Butylbenzene

Concen: 60.481 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004808.D

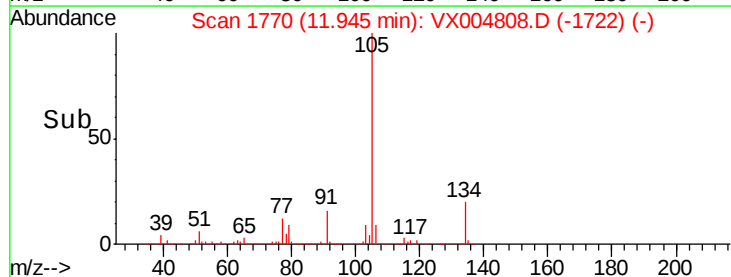
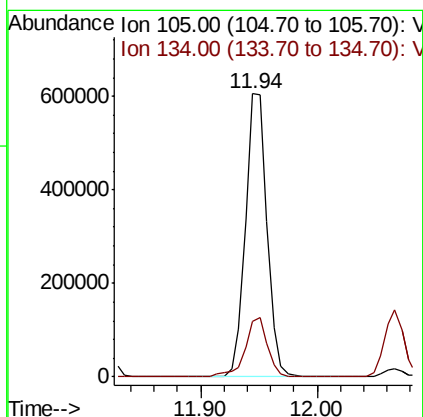
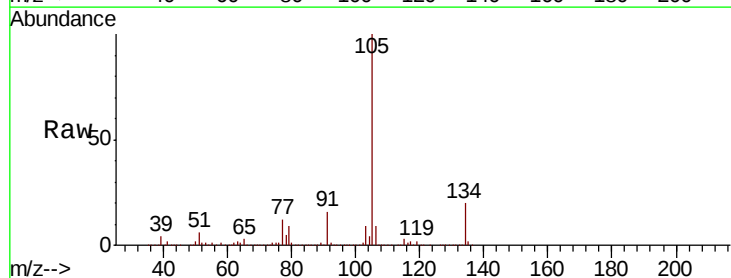
Acq: 28 Sep 2018 07:17

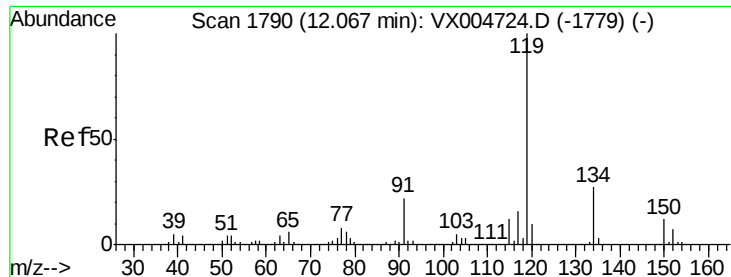
Tgt Ion:105 Resp: 783941

Ion Ratio Lower Upper

105 100

134 21.6 10.5 31.5





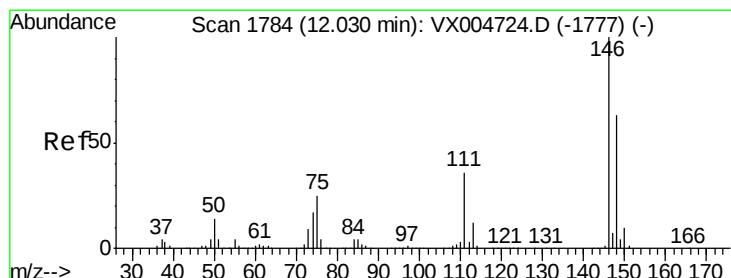
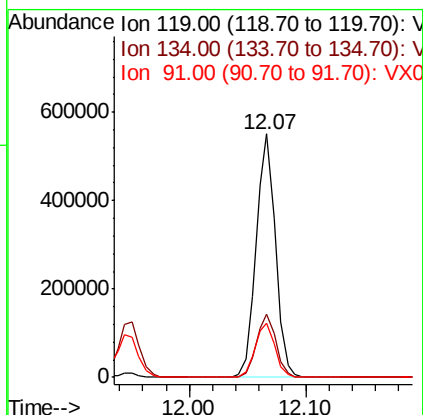
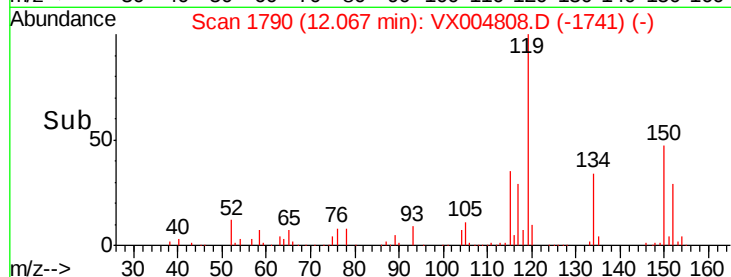
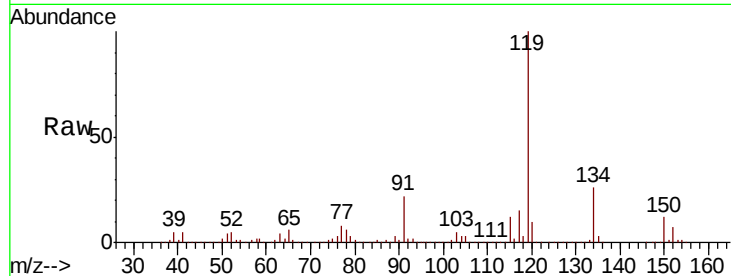
#86
 p-Isopropyltoluene
 Concen: 54.481 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	639801		
134	26.3		13.4	40.2
91	22.7		10.9	32.7

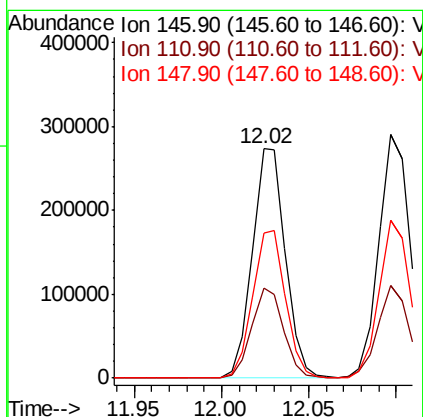
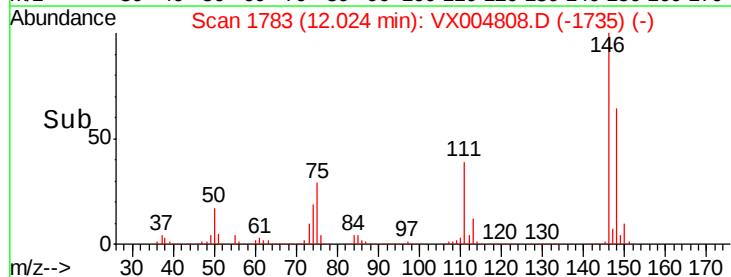
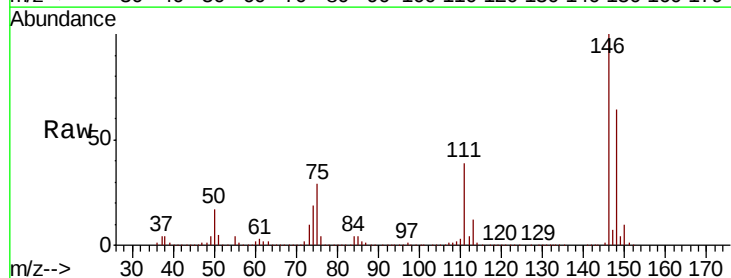
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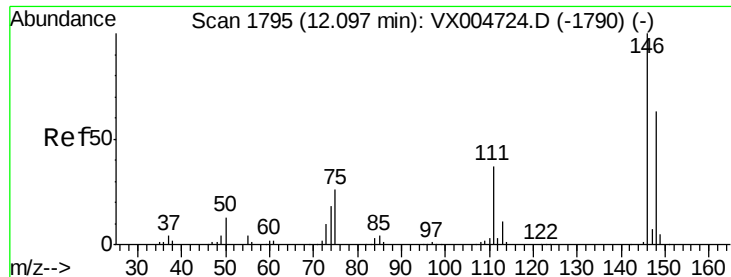
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#87
 1,3-Dichlorobenzene
 Concen: 51.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	358135		
111	38.2		18.7	56.1
148	64.5		32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 50.026 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

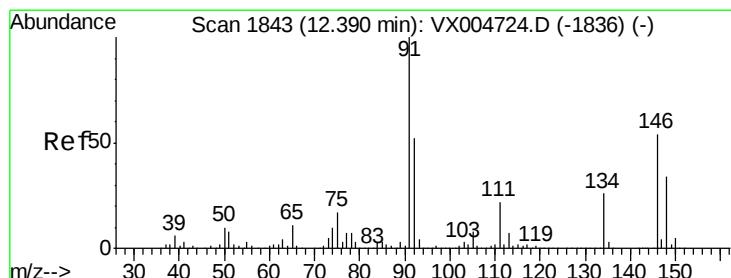
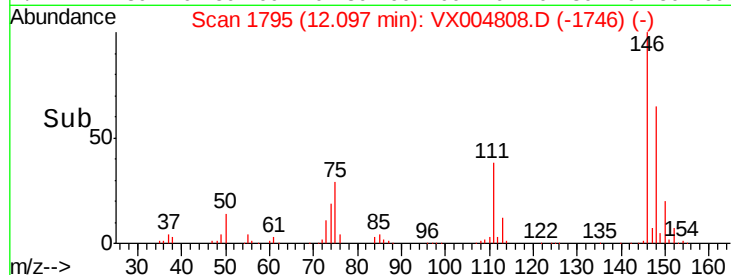
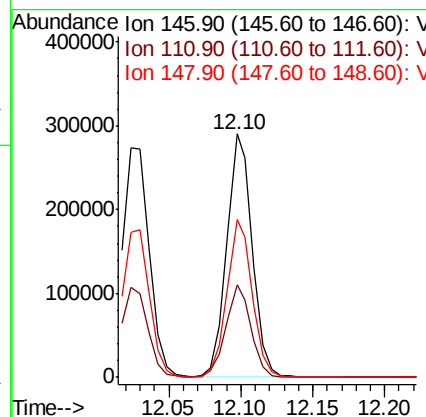
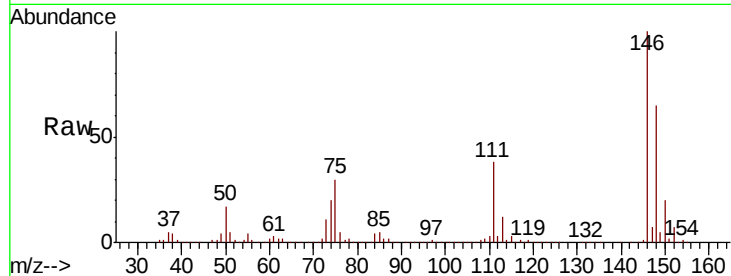
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	146	Resp:	362010
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.1	54.1
148	64.3	32.0	96.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 53.952 ug/l

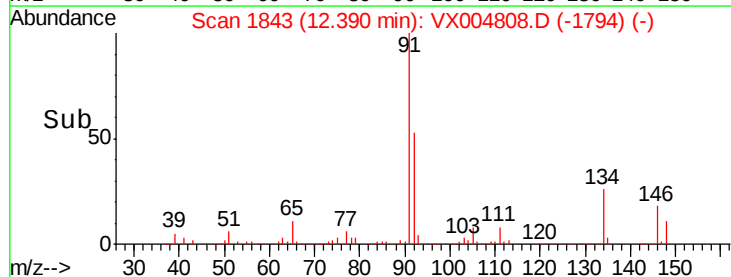
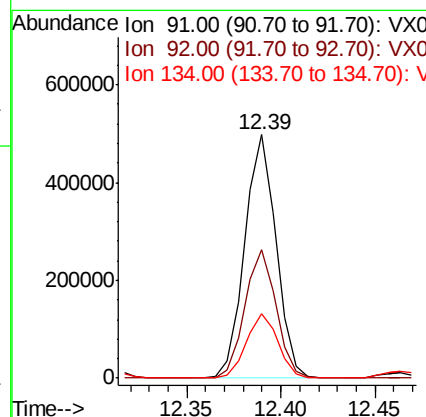
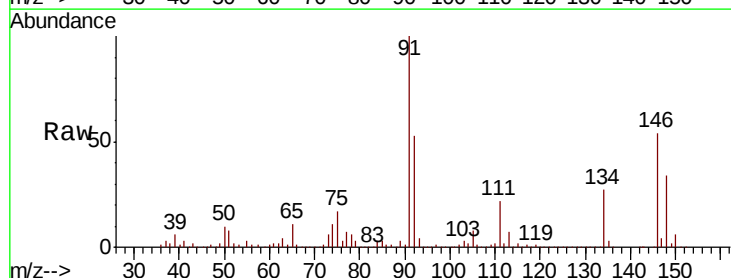
RT: 12.39 min Scan# 1843

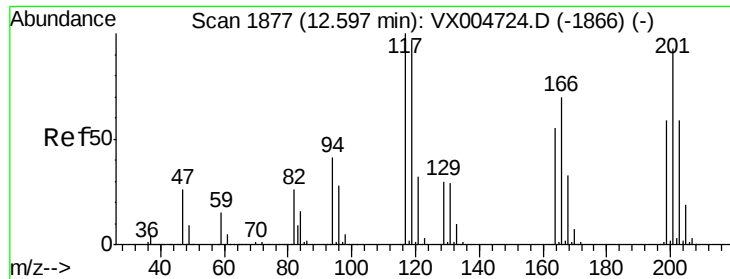
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	91	Resp:	575418
Ion Ratio	Lower	Upper	
91	100		
92	52.8	27.3	81.9
134	26.5	13.6	40.7





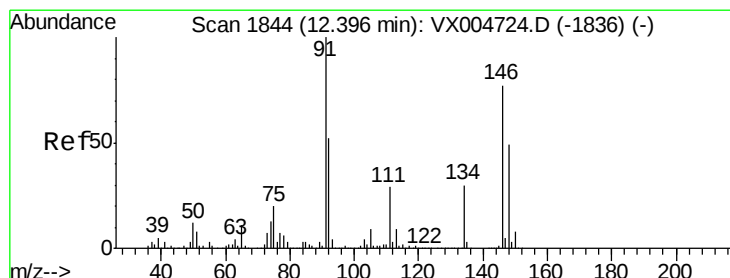
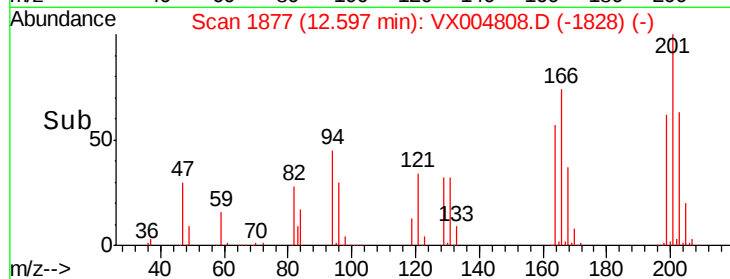
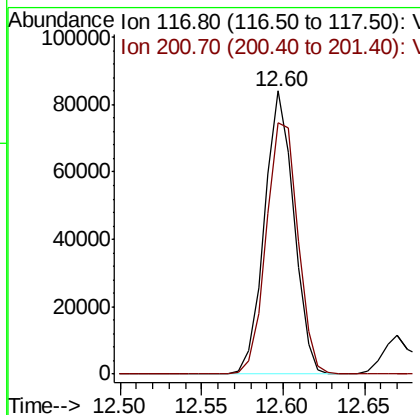
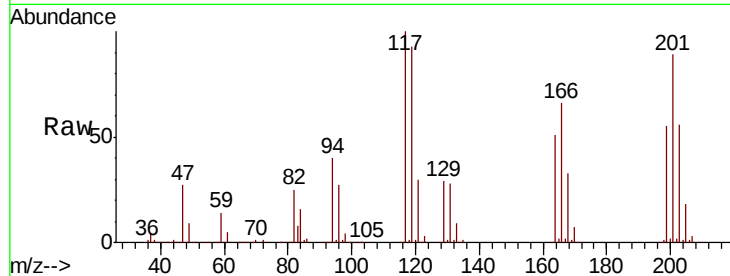
#90
Hexachloroethane
Concen: 53.334 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
201	95.6	46.9	140.6	

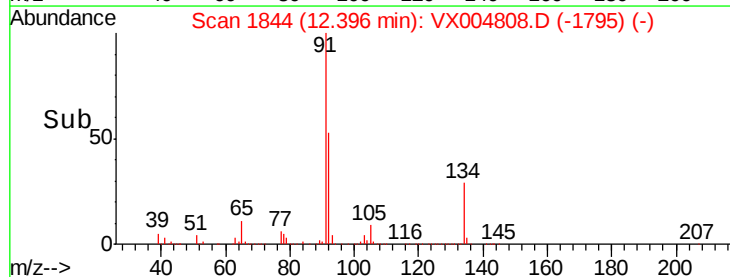
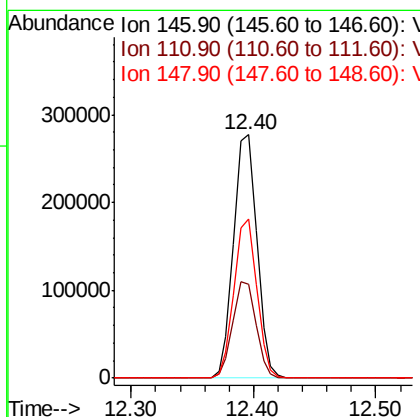
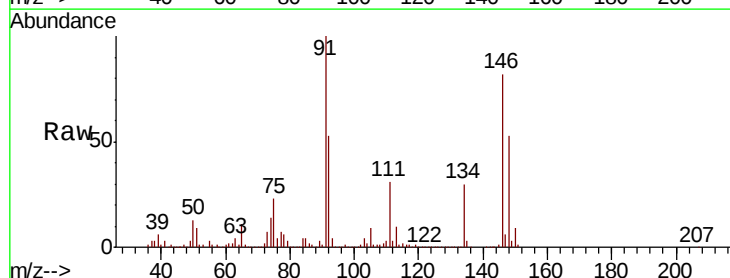
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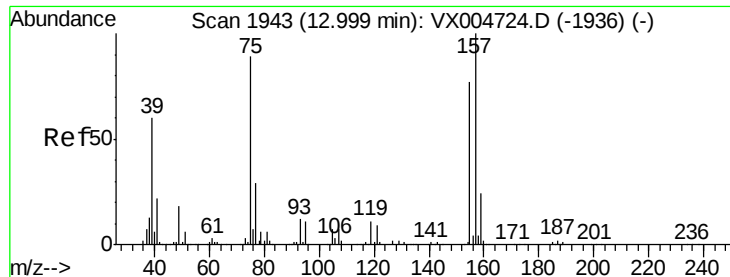
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#91
1,2-Dichlorobenzene
Concen: 49.986 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VX004808.D
Acq: 28 Sep 2018 07:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.5	19.4	58.1	
148	63.7	32.8	98.3	





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.370 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

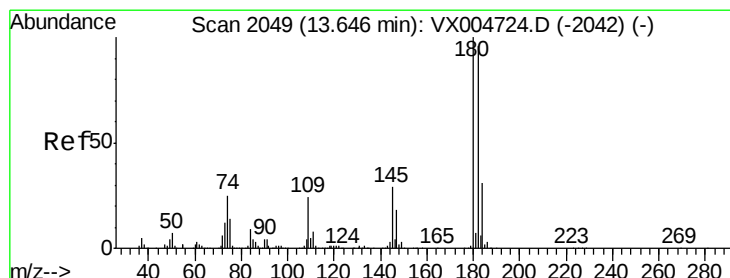
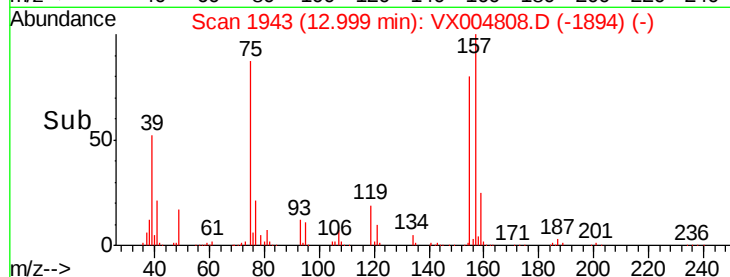
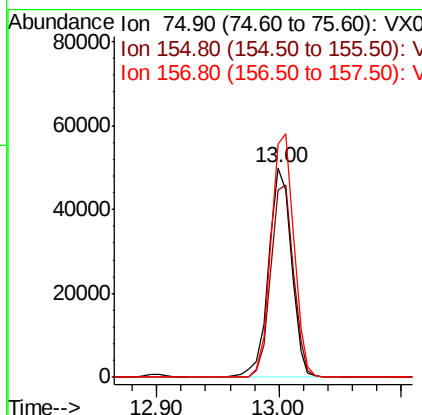
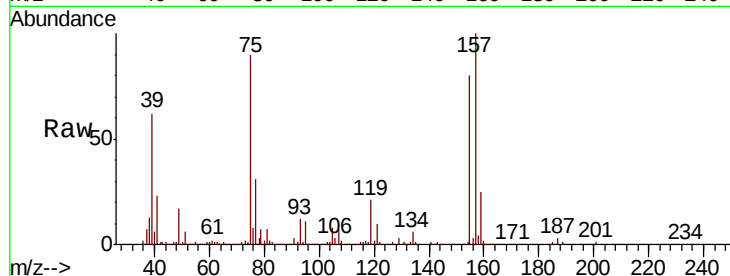
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	75	Resp:	65120
Ion	Ratio	Lower	Upper
75	100		
155	90.2	48.0	144.2
157	115.0	61.4	184.1

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#93

1,2,4-Trichlorobenzene

Concen: 53.604 ug/l

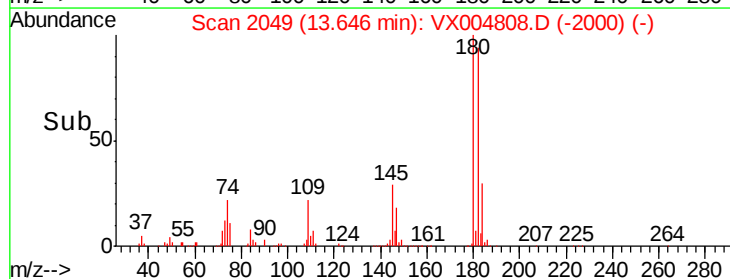
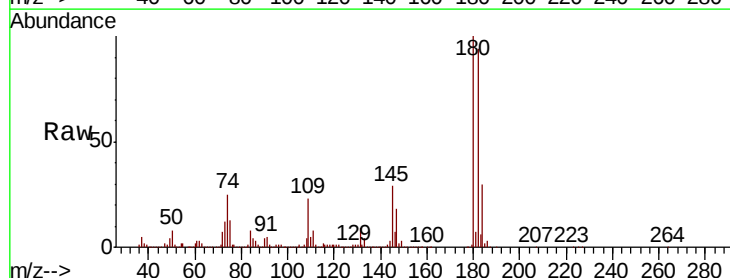
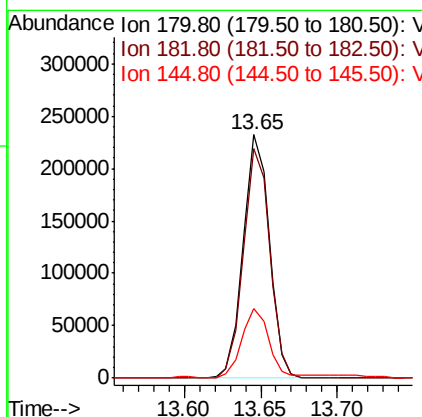
RT: 13.65 min Scan# 2049

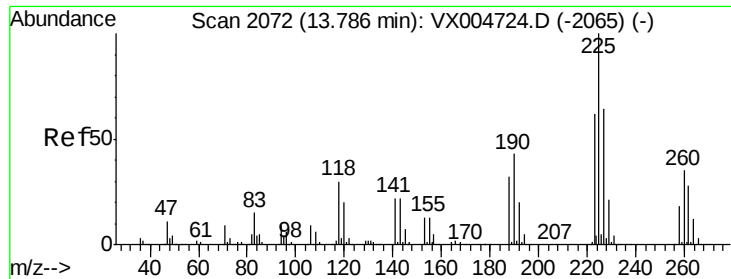
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	180	Resp:	275471
Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.0
145	29.2	14.3	42.9





#94

Hexachlorobutadiene

Concen: 43.301 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Instrument :

MSVOA_X

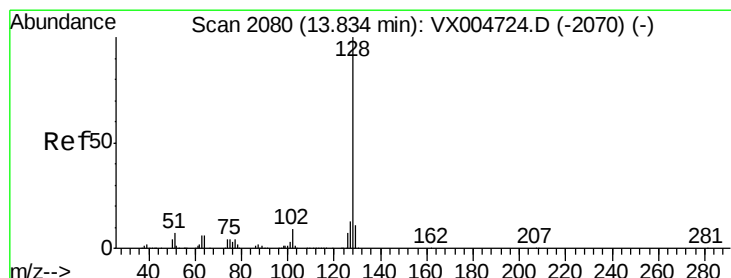
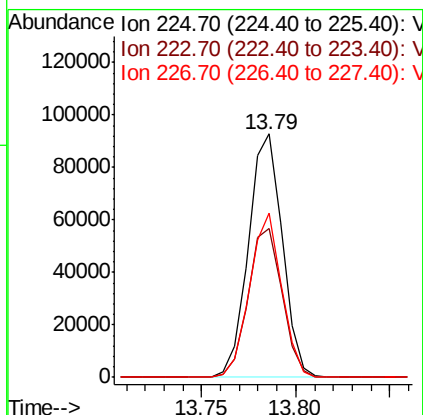
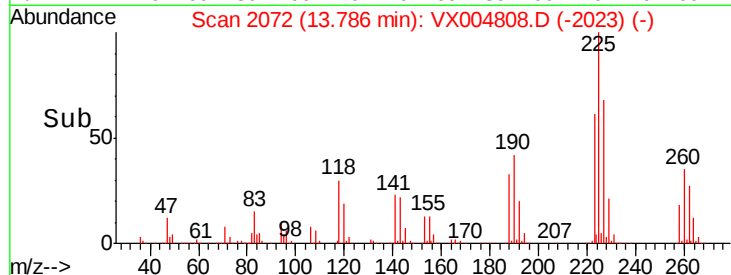
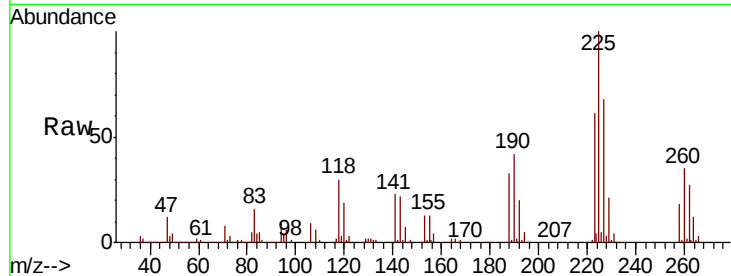
ClientSampleId :

T3-MW-7-10.0-091918MS

Tot Ion:	225	Resp:	115390
Ion Ratio	Lower	Upper	
225	100		
223	61.6	30.1	90.5
227	64.1	30.8	92.4

Manual Integrations
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9/28/2018 2:26:11 PM



#95

Naphthalene

Concen: 53.026 ug/l

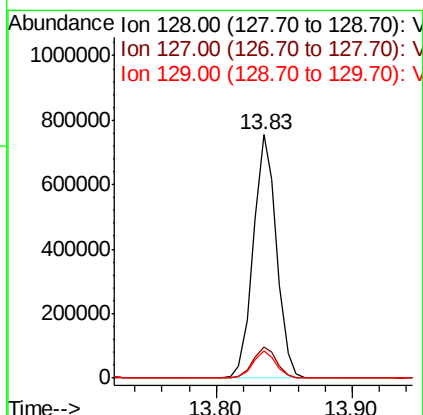
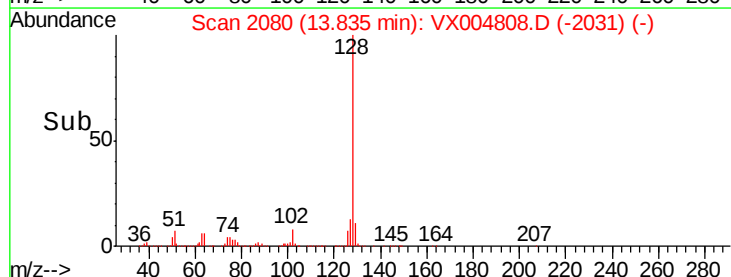
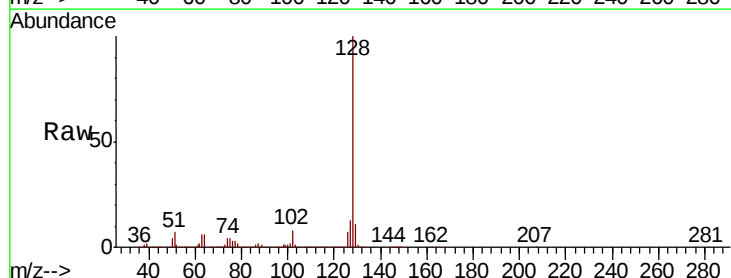
RT: 13.83 min Scan# 2080

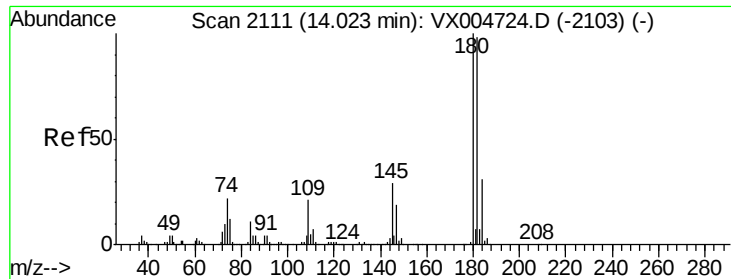
Delta R.T. 0.00 min

Lab File: VX004808.D

Acq: 28 Sep 2018 07:17

Tgt Ion:	128	Resp:	905194
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 52.943 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX004808.D
 Acq: 28 Sep 2018 07:17

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	48.5	145.6
145	31.1	14.9	44.9

Manual Integrations
 APPROVED

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