

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006710.D
 Acq On : 21 Dec 2018 07:21
 Operator : JC/MD
 Sample : J6517-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:58 AM

Quant Time: Dec 21 08:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	601382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	920158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	835392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	423366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	316794	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	5.50	113	296805	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1097240	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	397797	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	248980	45.256	ug/l	100
3) Chloromethane	1.33	50	253745	42.811	ug/l	96
4) Vinyl Chloride	1.41	62	307054	49.602	ug/l	99
5) Bromomethane	1.64	94	208106	35.467	ug/l	98
6) Chloroethane	1.72	64	226195	52.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	479838	49.718	ug/l	96
8) Diethyl Ether	2.19	74	188759	49.241	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	272297	48.052	ug/l	100
10) Methyl Iodide	2.51	142	322800	39.794	ug/l	99
11) Tert butyl alcohol	3.07	59	355109	245.499	ug/l	97
12) 1,1-Dichloroethene	2.37	96	261619	48.690	ug/l	99
13) Acrolein	2.30	56	207478	212.623	ug/l	100
14) Allyl chloride	2.73	41	440882	48.747	ug/l	99
15) Acrylonitrile	3.15	53	845984	263.412	ug/l	99
16) Acetone	2.45	43	718211	241.190	ug/l	99
17) Carbon Disulfide	2.57	76	646768	45.485	ug/l	98
18) Methyl Acetate	2.78	43	433155	49.469	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	957322	53.681	ug/l	98
20) Methylene Chloride	2.86	84	297767	48.358	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	279207	46.898	ug/l	95
22) Diisopropyl ether	3.87	45	856743	51.779	ug/l	93
23) Vinyl Acetate	3.82	43	3078057	227.429	ug/l	99
24) 1,1-Dichloroethane	3.70	63	475827	48.174	ug/l	98
25) 2-Butanone	4.70	43	1036387	247.430	ug/l	100
26) 2,2-Dichloropropane	4.59	77	239829	31.433	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	324918	49.466	ug/l	97
28) Bromochloromethane	5.02	49	227159	54.733	ug/l	100
29) Tetrahydrofuran	5.15	42	708816	256.933	ug/l	99
30) Chloroform	5.21	83	515919	50.440	ug/l	99
31) Cyclohexane	5.57	56	502102	55.956	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	431941	50.012	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371146	48.700	ug/l	99
37) Ethyl Acetate	4.86	43	369132	46.536	ug/l	99
38) Carbon Tetrachloride	5.78	117	366197	49.443	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	703131	70.080	ug/l	98
40) Benzene	6.14	78	1162123	50.166	ug/l	100
41) Methacrylonitrile	5.06	41	232917	55.308	ug/l	98
42) 1,2-Dichloroethane	6.20	62	384050	48.652	ug/l	93
43) Isopropyl Acetate	6.46	43	615661	51.012	ug/l	99
44) Trichloroethene	7.21	130	335181	47.805	ug/l	98
45) 1,2-Dichloropropane	7.52	63	289737	51.396	ug/l	100
46) Dibromomethane	7.67	93	204196	49.245	ug/l	94
47) Bromodichloromethane	7.90	83	347274	50.445	ug/l	97
48) Methyl methacrylate	7.77	41	333836	54.393	ug/l	97
49) 1,4-Dioxane	7.75	88	133116	825.483	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2082399	271.175	ug/l	99
52) Toluene	8.79	92	755529	50.484	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	367928	49.833	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	415884	51.336	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300842	49.111	ug/l	97
56) Ethyl methacrylate	9.18	69	481049	55.561	ug/l	94
57) 1,3-Dichloropropane	9.37	76	502314	50.967	ug/l	99
59) 2-Hexanone	9.49	43	1532429	260.818	ug/l	100
60) Dibromochloromethane	9.59	129	311543	48.690	ug/l	97
61) 1,2-Dibromoethane	9.67	107	343475	52.746	ug/l	100
64) Tetrachloroethene	9.34	164	295785	44.714	ug/l	95
65) Chlorobenzene	10.14	112	868819	49.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	303238	54.994	ug/l	99
67) Ethyl Benzene	10.25	91	1464361	50.706	ug/l	100
68) m/p-Xylenes	10.36	106	1135379	99.631	ug/l	99
69) o-Xylene	10.70	106	558283	49.611	ug/l	97
70) Stvrene	10.71	104	895258	50.287	ug/l	99
71) Bromoform	10.86	173	224236	45.522	ug/l	100
73) Isopropylbenzene	11.02	105	2746918	94.841	ug/l	100
74) N-amyl acetate	10.90	43	521559	50.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	457645	53.130	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	402115m	51.108	ug/l	
77) Bromobenzene	11.26	156	401066	51.219	ug/l	99
78) n-propylbenzene	11.36	91	7027768	220.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	953298	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197377	50.192	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99923	39.611	ug/l	94
82) 4-Chlorotoluene	11.51	91	1102107	49.710	ug/l	100
83) tert-Butylbenzene	11.77	119	1322035	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1228460	48.957	ug/l	99
85) sec-Butylbenzene	11.94	105	1902576	64.993	ug/l	94
86) p-Isopropyltoluene	12.07	119	1329983	51.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	706146	50.038	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	699947	48.382	ug/l	100
89) n-Butylbenzene	12.39	91	1701827	77.710	ug/l #	84
90) Hexachloroethane	12.60	117	271577	66.286	ug/l	75
91) 1,2-Dichlorobenzene	12.39	146	694451	49.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132294	74.227	ug/l	69
93) 1,2,4-Trichlorobenzene	13.65	180	508755	52.245	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	236170	51.454	ug/l	98
95) Naphthalene	13.83	128	1646109	52.963	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	519659	51.685	ug/l	98

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

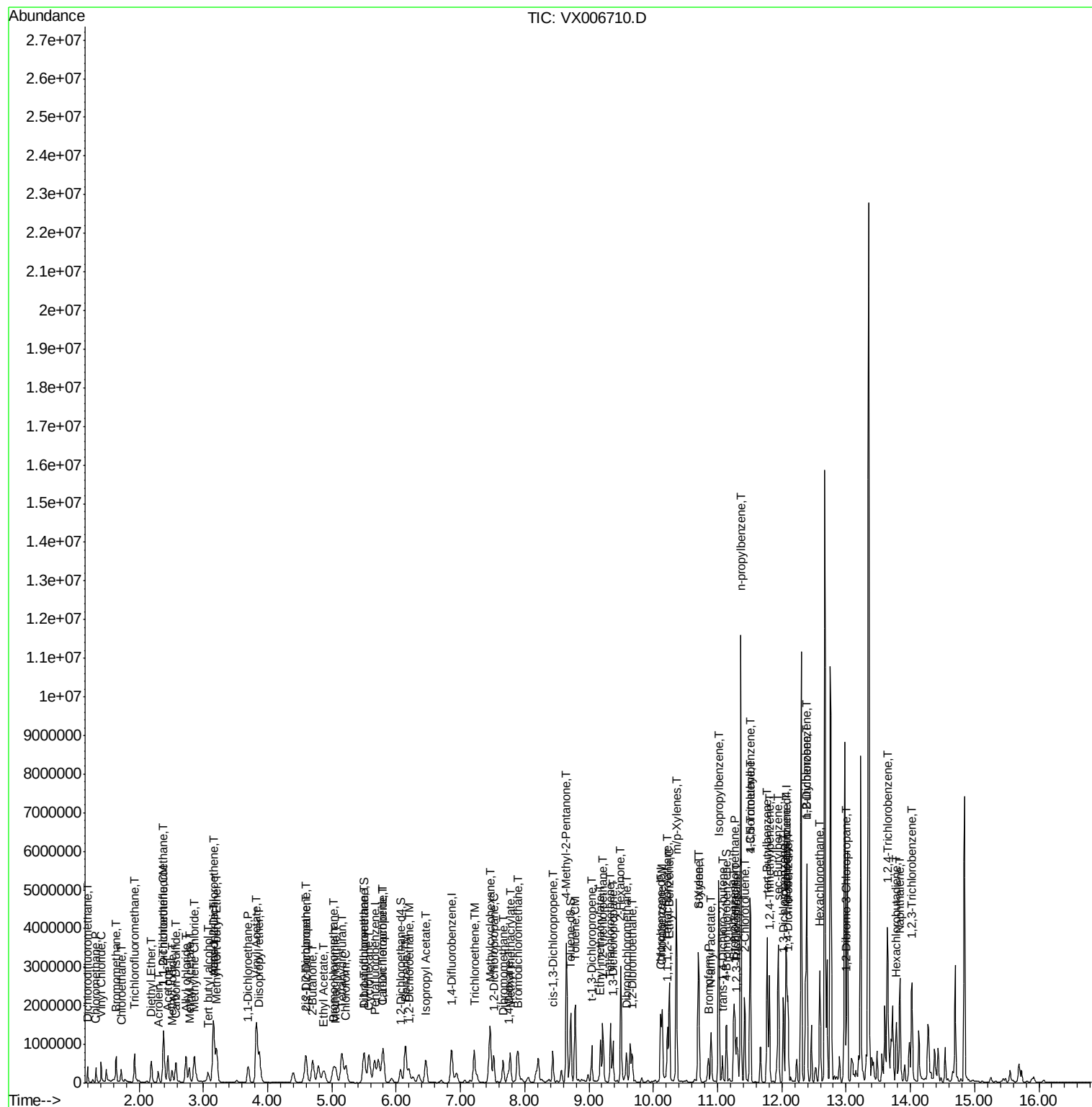
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006710.D
Acq On : 21 Dec 2018 07:21
Operator : JC/MD
Sample : J6517-12MSD
Misc : 5.0mL/MSVOA X/WATER
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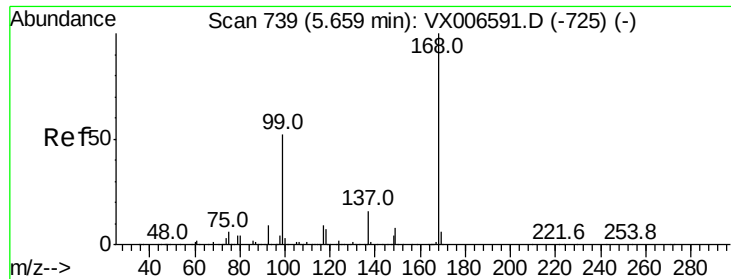
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

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#1

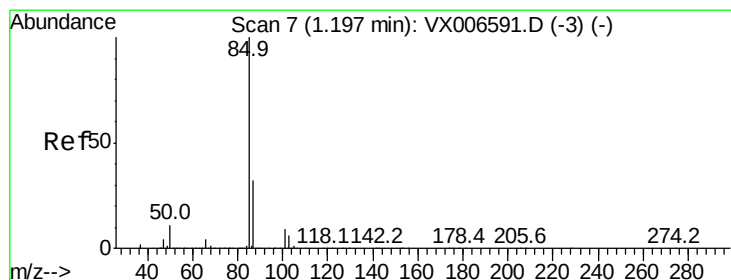
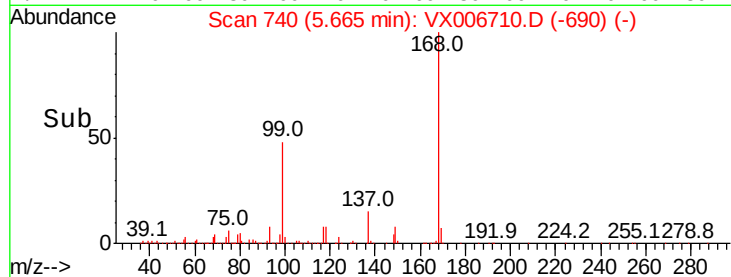
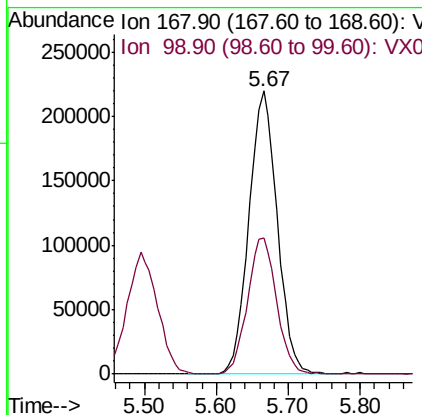
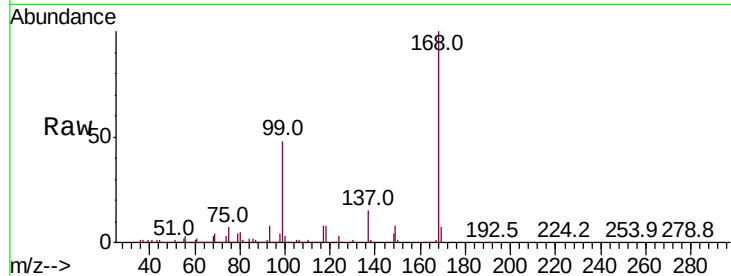
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
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ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.8	62.8

Manual Integrations
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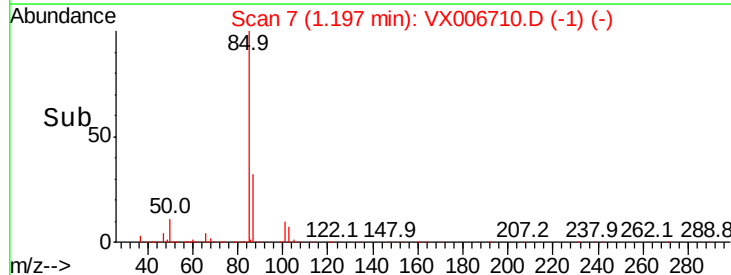
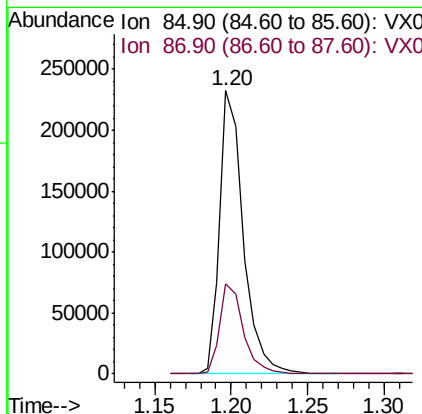
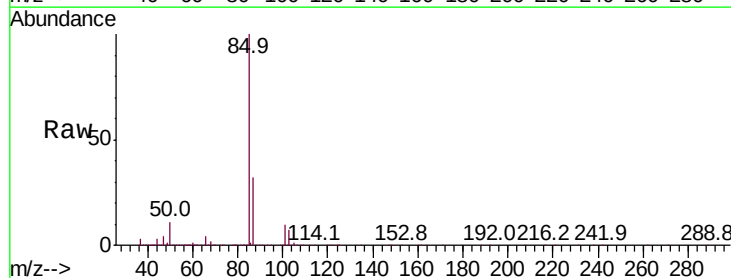
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12/21/2018 10:19:58 AM

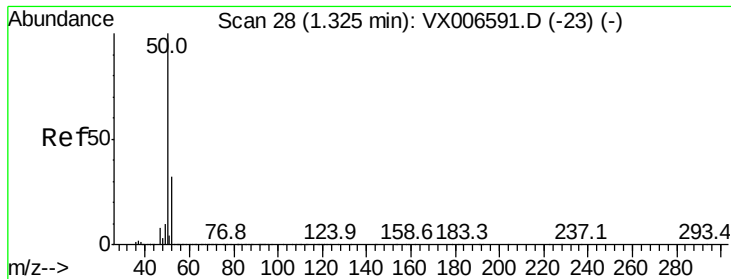


#2

Dichlorodifluoromethane
Concen: 45.256 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.9	47.6





#3

Chloromethane

Concen: 42.811 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 50 Resp: 253745

Ion Ratio Lower Upper

50 100

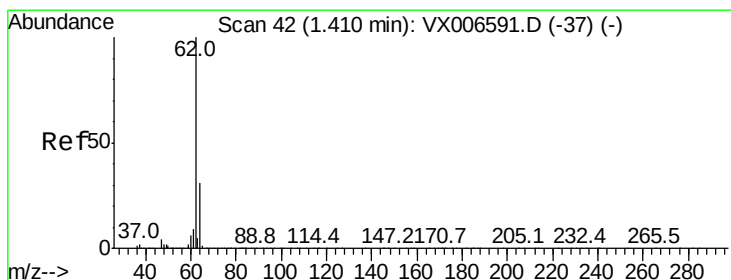
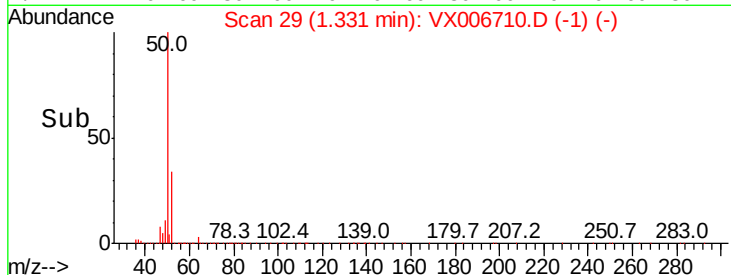
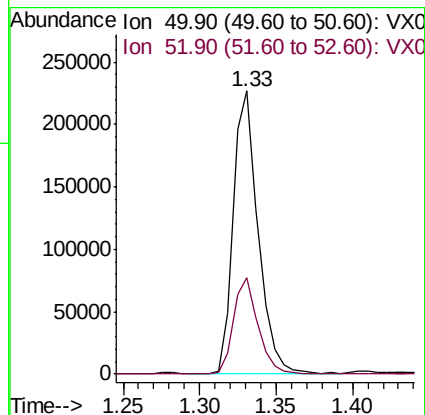
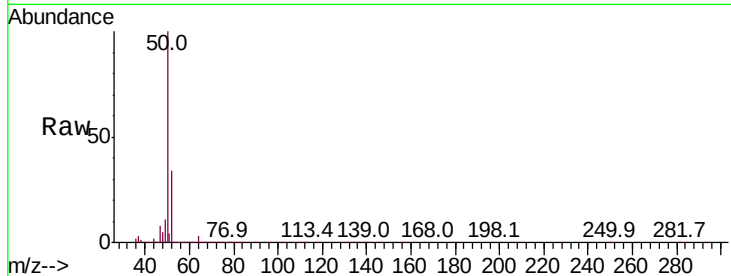
52 34.1 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.602 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006710.D

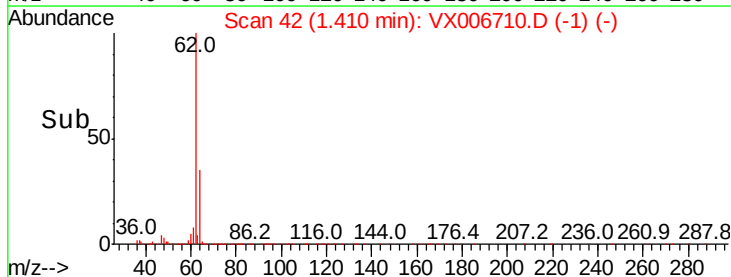
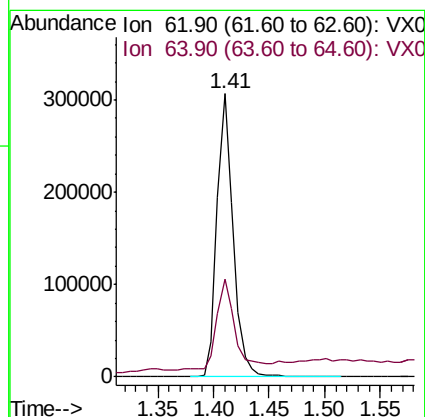
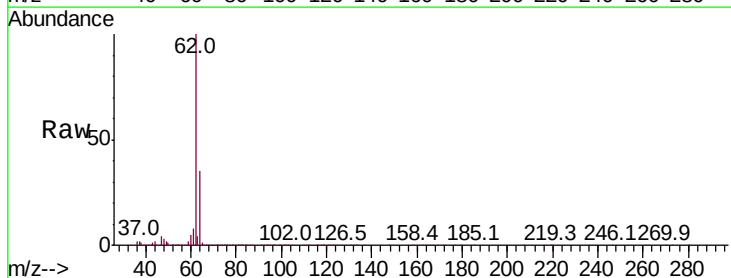
Acq: 21 Dec 2018 07:21

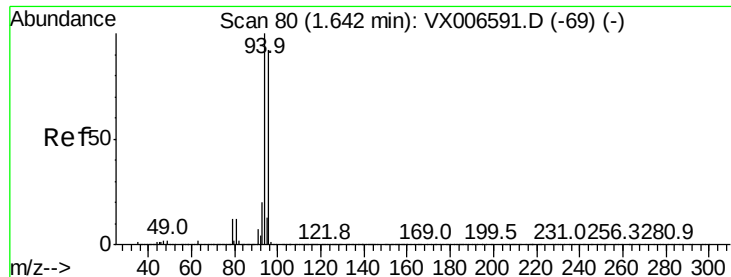
Tgt Ion: 62 Resp: 307054

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 35.467 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 208106

Ion Ratio Lower Upper

94 100

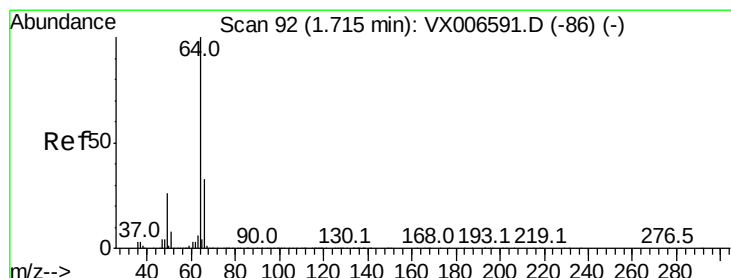
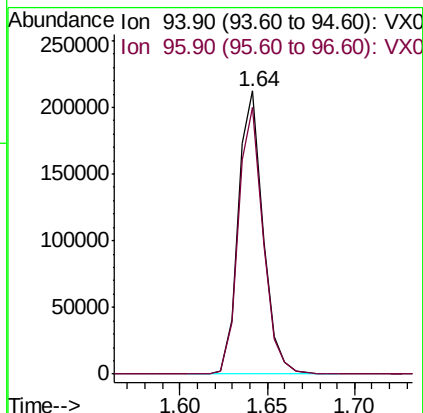
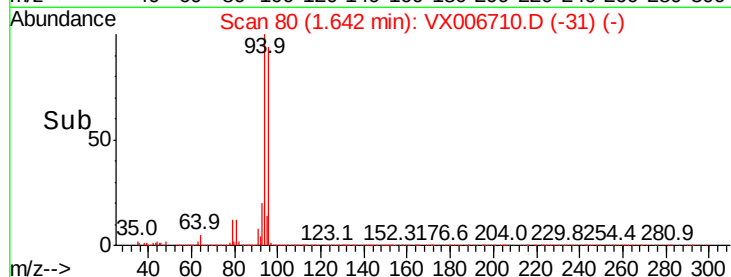
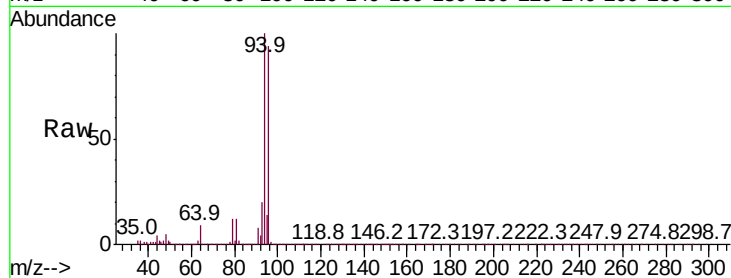
96 94.0 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 52.772 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006710.D

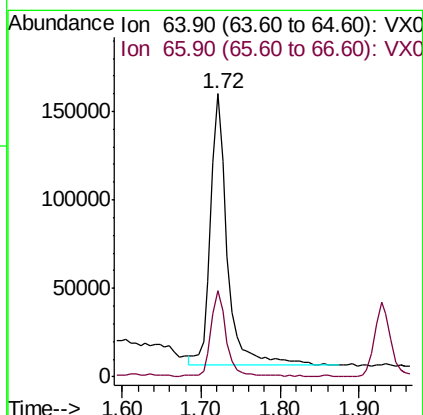
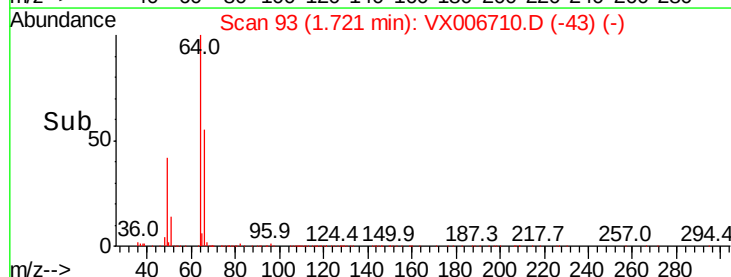
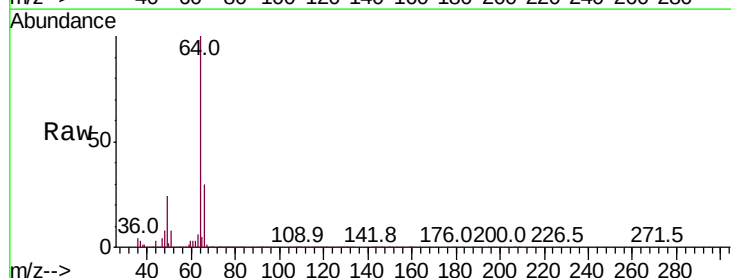
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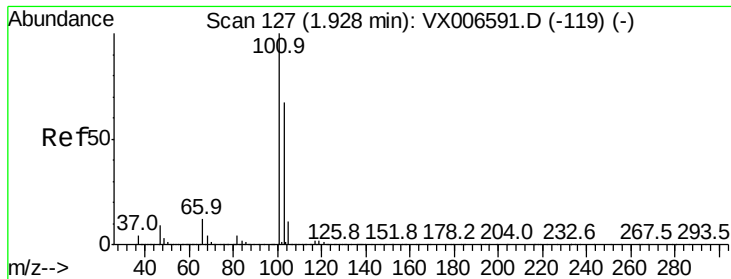
Tgt Ion: 64 Resp: 226195

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

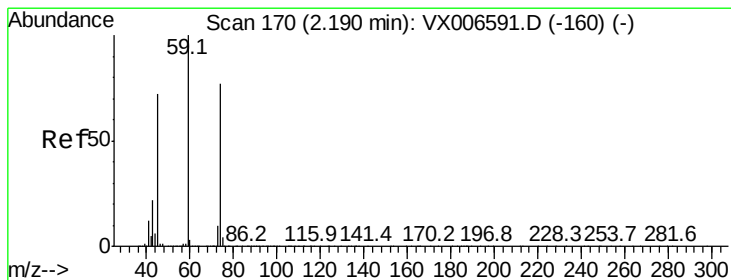
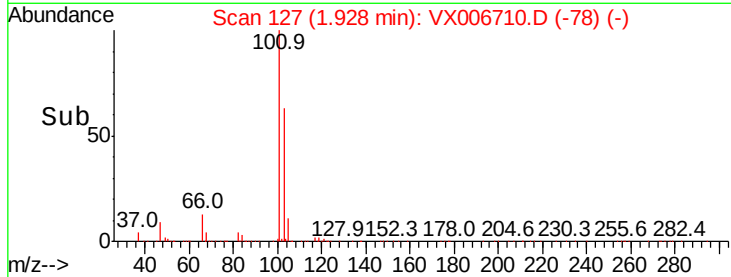
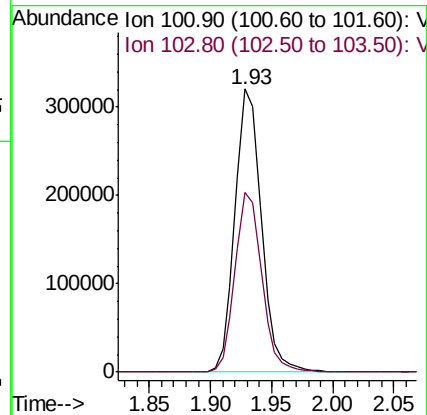
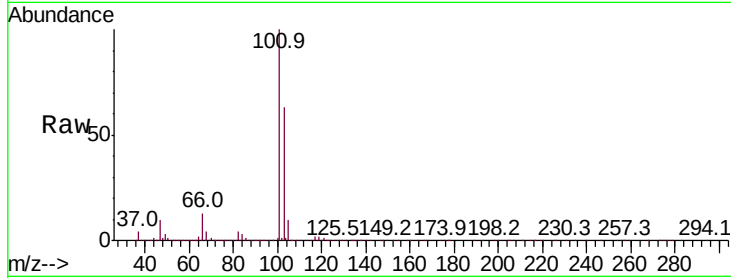
Trichlorofluoromethane
Concen: 49.718 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	479838		
103	63.4	53.2	79.8	

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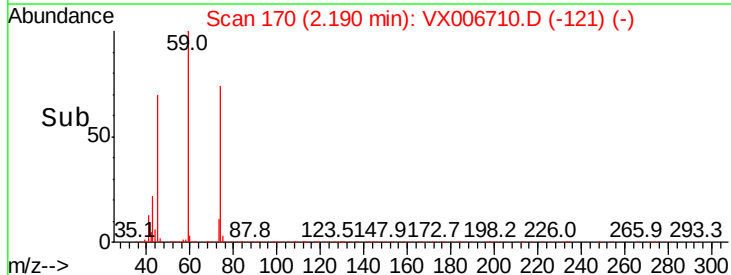
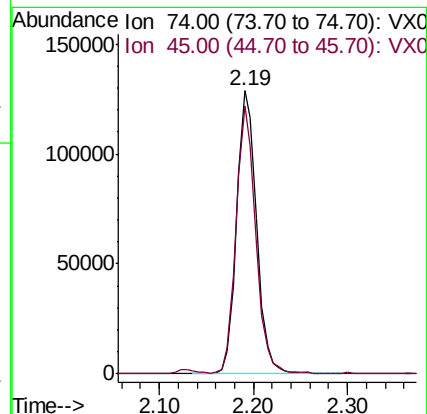
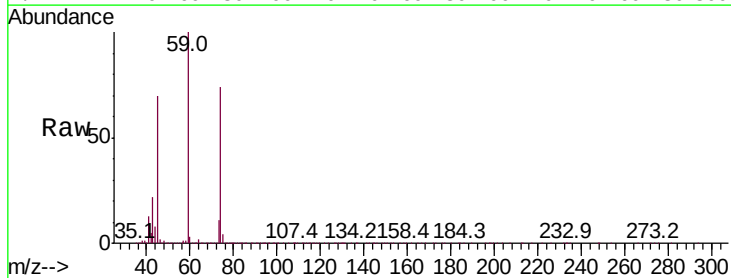
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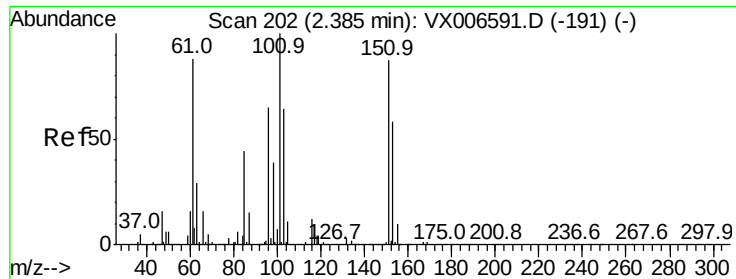


#8

Diethyl Ether
Concen: 49.241 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	188759		
45	92.9	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.052 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

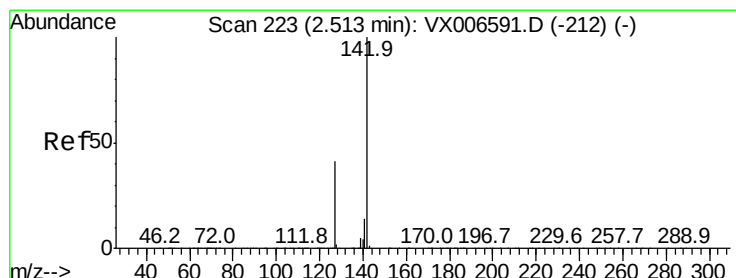
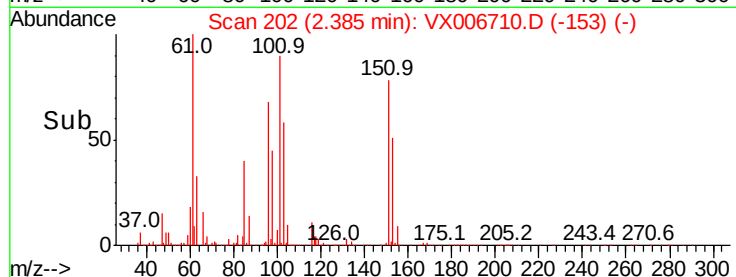
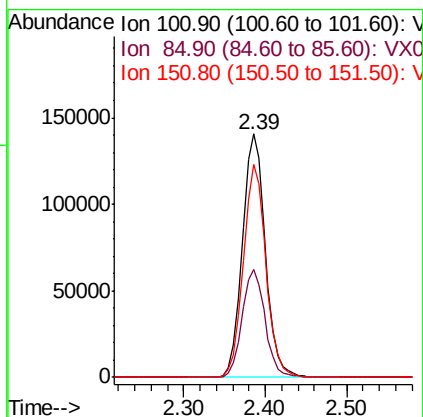
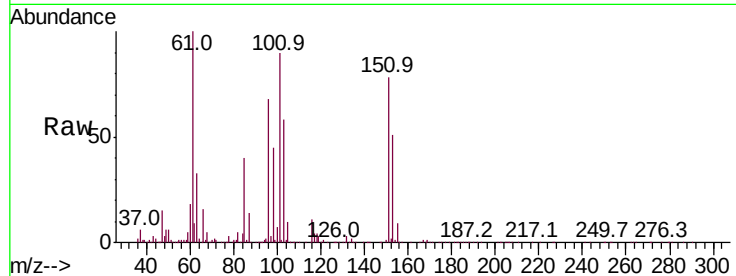
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	101	Resp:	272297
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.1	52.7
151	86.3	68.9	103.3

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#10

Methyl Iodide

Concen: 39.794 ug/l

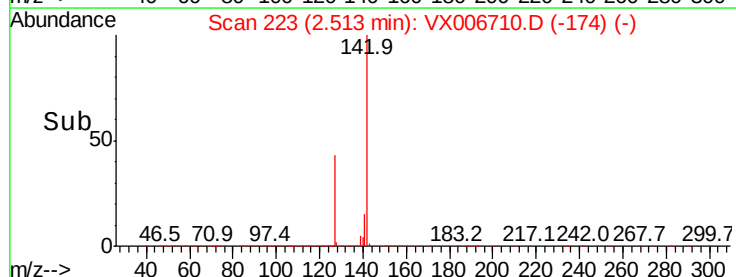
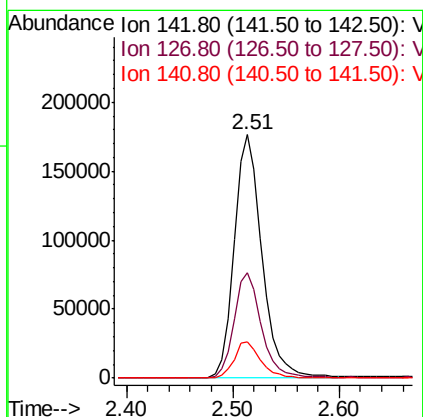
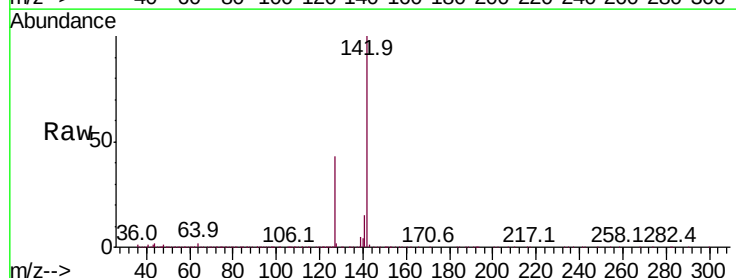
RT: 2.51 min Scan# 223

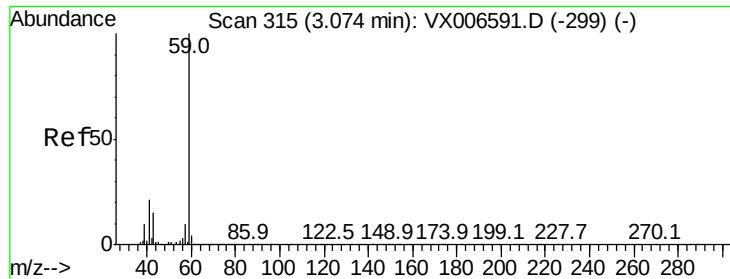
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	142	Resp:	322800
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.9	50.9
141	14.5	11.4	17.0





#11

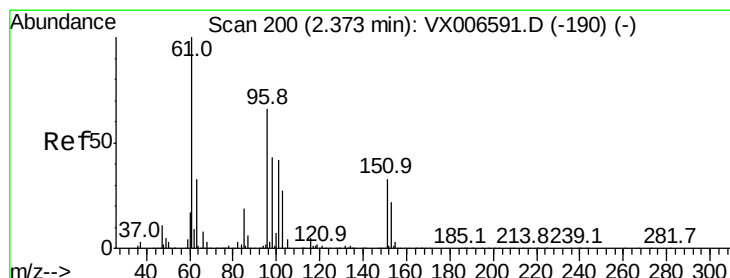
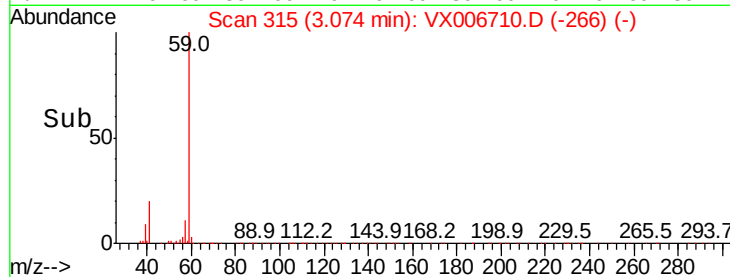
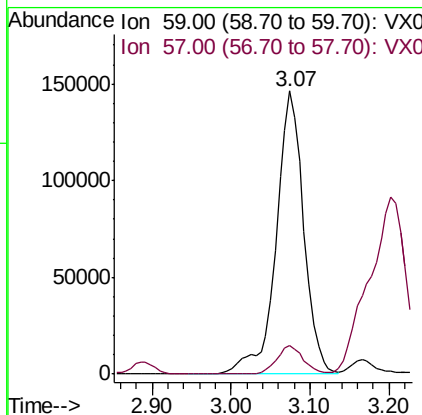
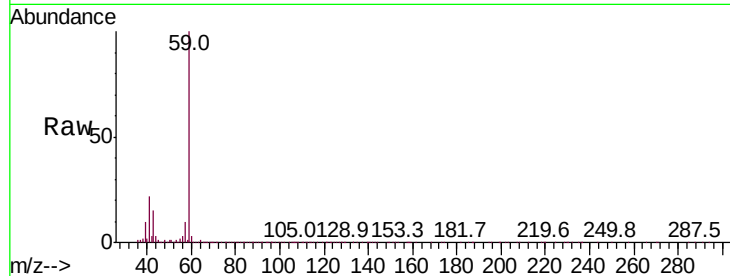
Tert butyl alcohol
Concen: 245.499 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	59	Resp	355109
Ion Ratio	100	Lower	Upper
57	9.5	8.5	12.7

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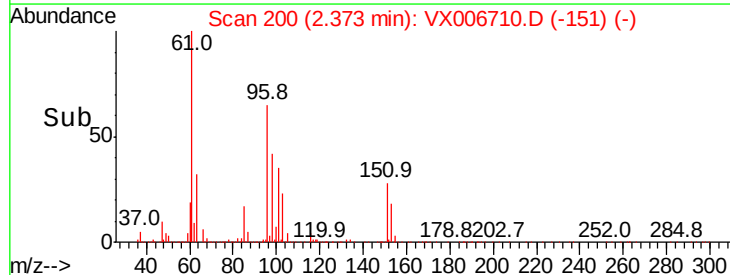
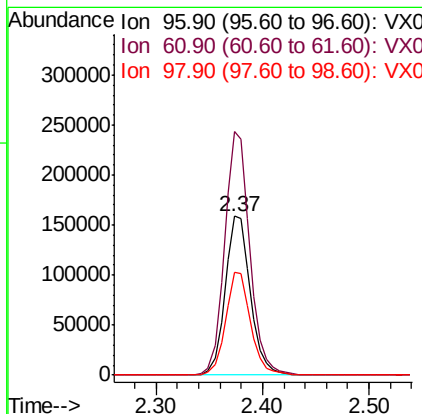
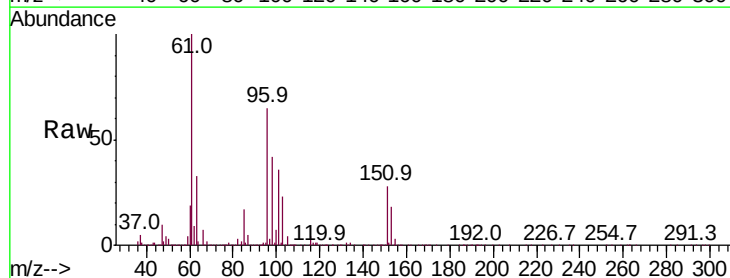
MMDadoda
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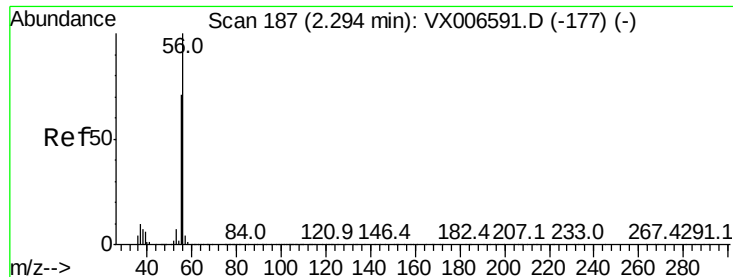


#12

1,1-Dichloroethene
Concen: 48.690 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	96	Resp	261619
Ion Ratio	100	Lower	Upper
61	153.6	121.4	182.2
98	64.7	51.9	77.9





#13

Acrolein

Concen: 212.623 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 56 Resp: 207478

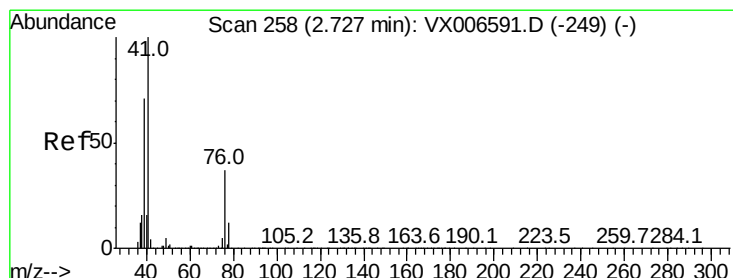
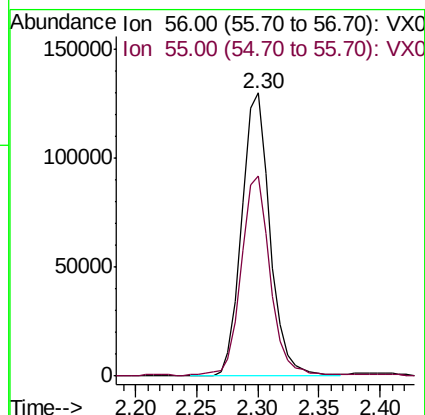
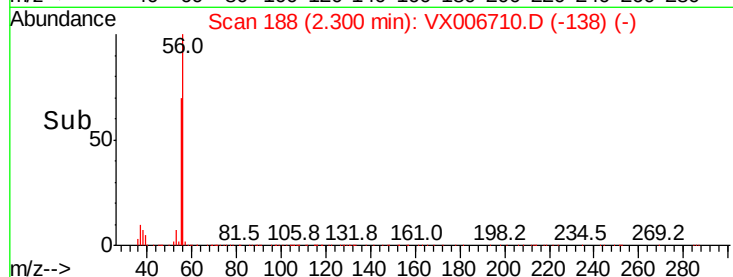
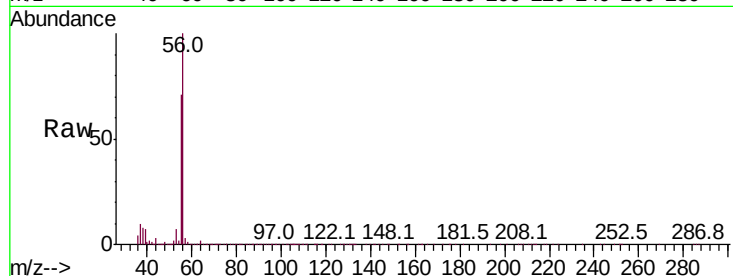
Ion Ratio Lower Upper

56 100

55 72.9 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 48.747 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

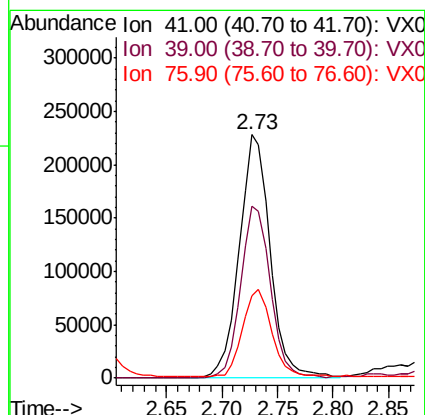
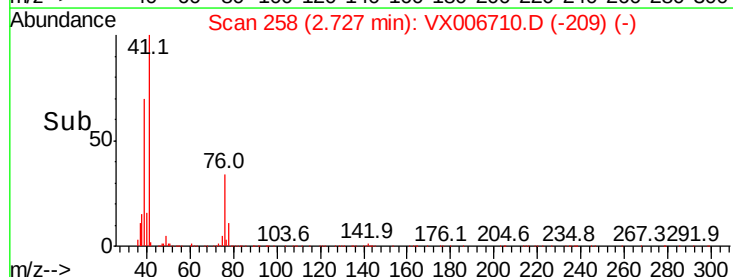
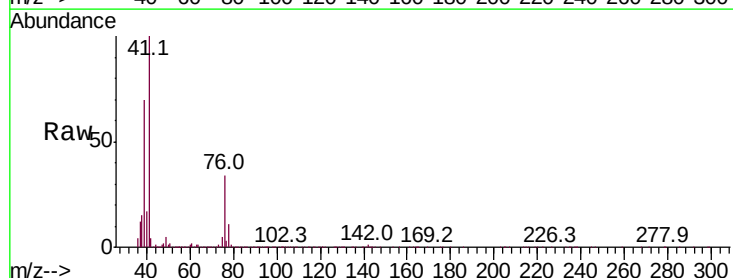
Tgt Ion: 41 Resp: 440882

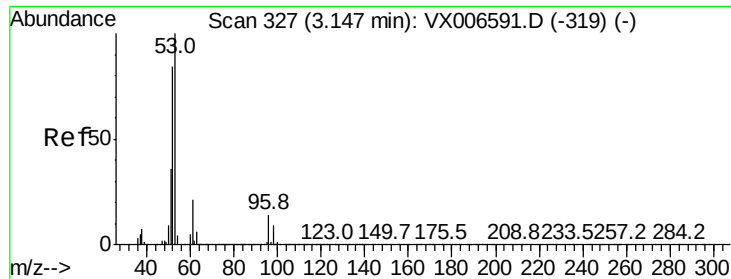
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 34.0 27.4 41.2





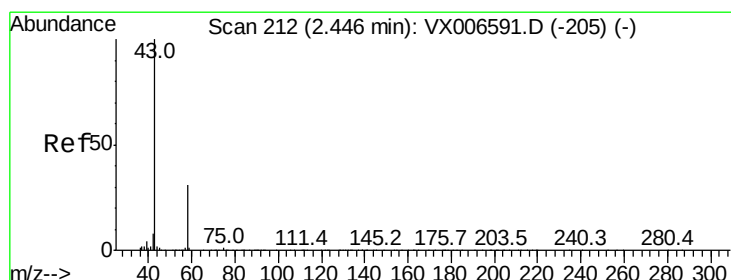
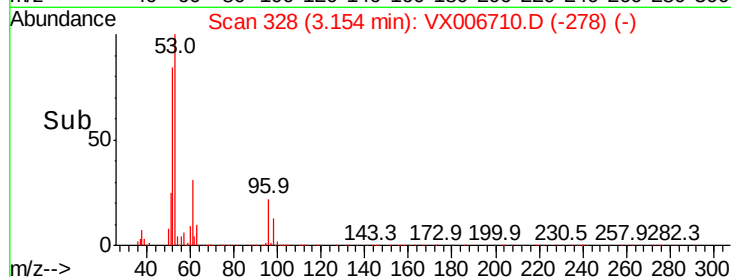
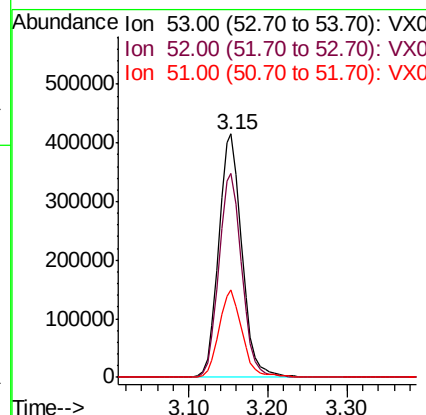
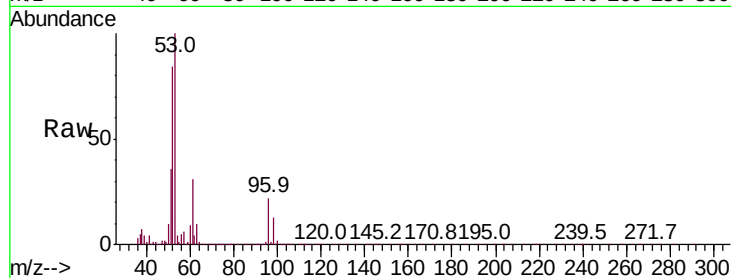
#15
Acrylonitrile
Concen: 263.412 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.0	99.0
51	35.7	28.6	42.8

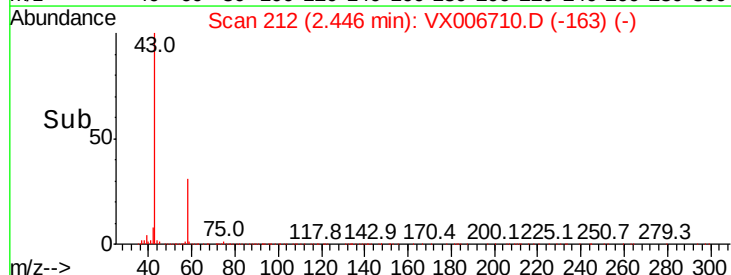
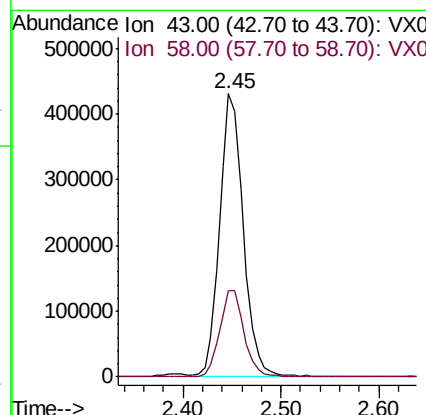
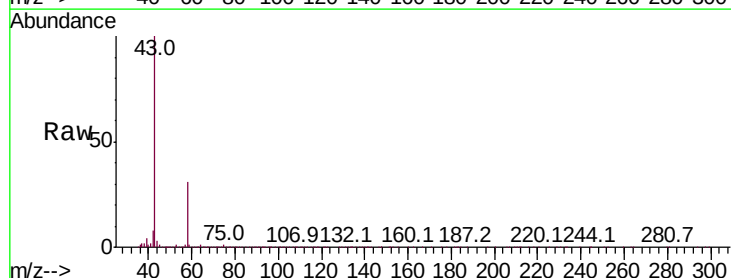
Manual Integrations
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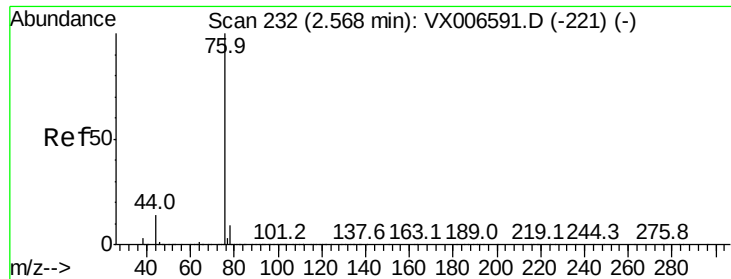
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#16
Acetone
Concen: 241.190 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.0	37.6





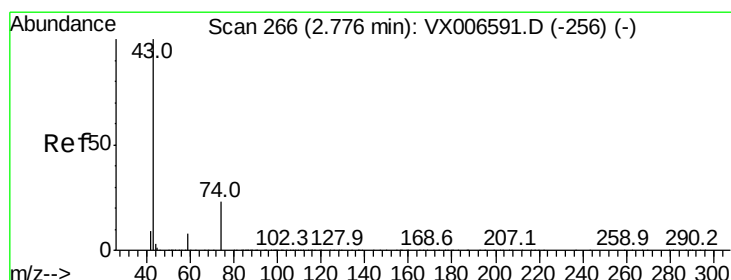
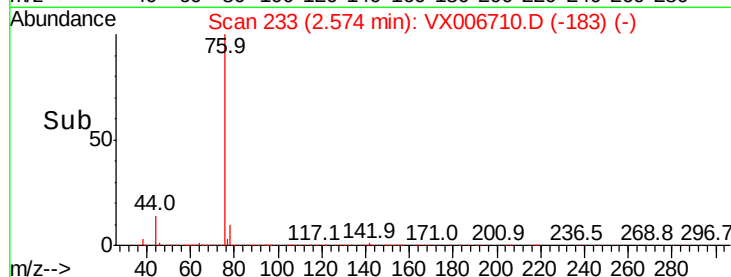
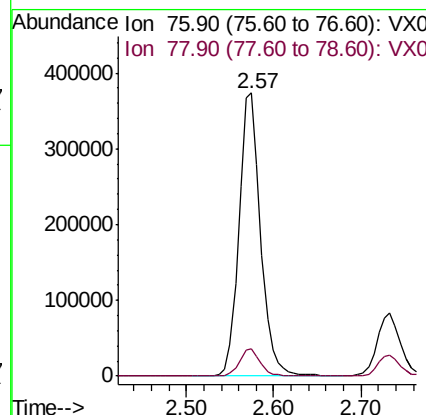
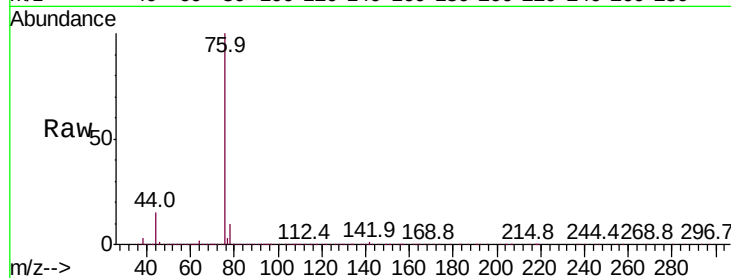
#17
Carbon Disulfide
Concen: 45.485 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

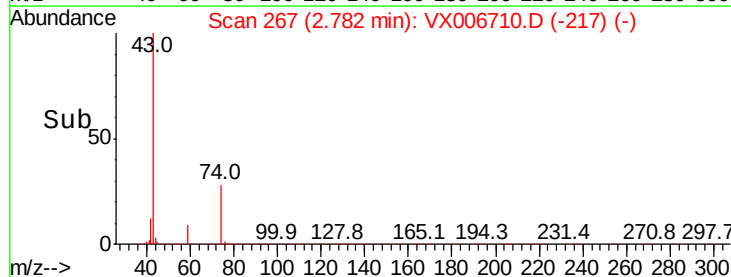
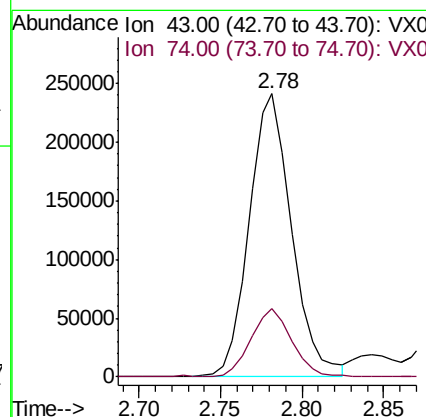
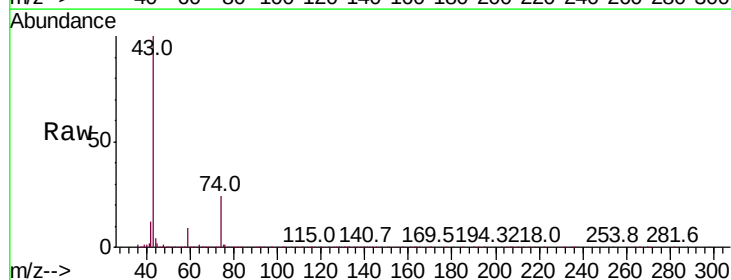
Manual Integrations
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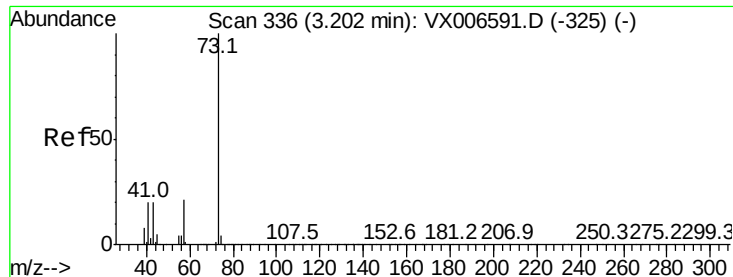
MMDadoda
12/21/2018 10:19:58 AM



#18
Methyl Acetate
Concen: 49.469 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





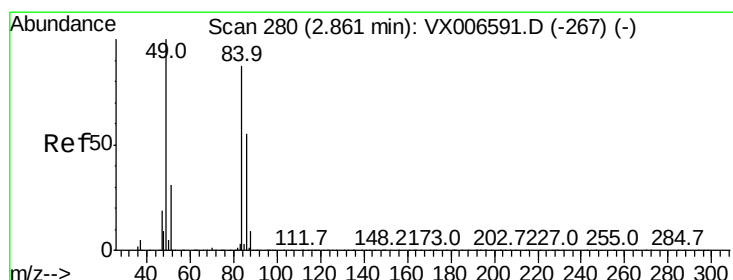
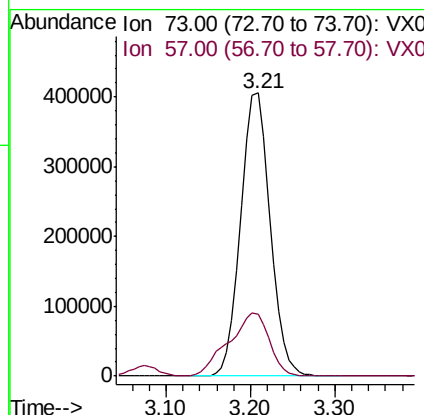
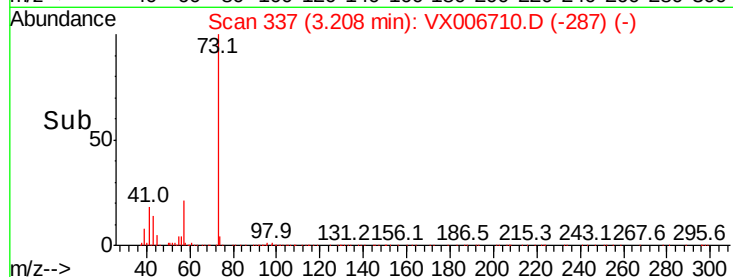
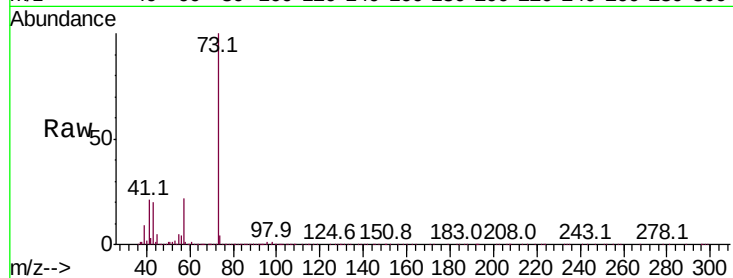
#19
Methyl tert-butyl Ether
Concen: 53.681 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion: 73 Resp: 957322
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

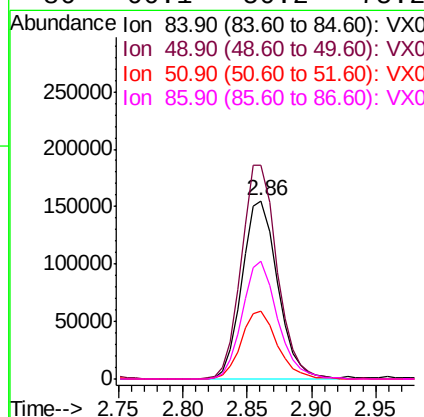
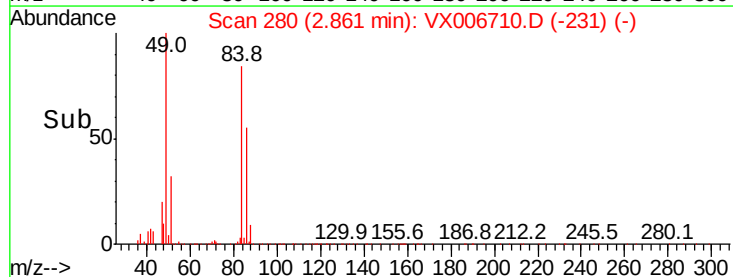
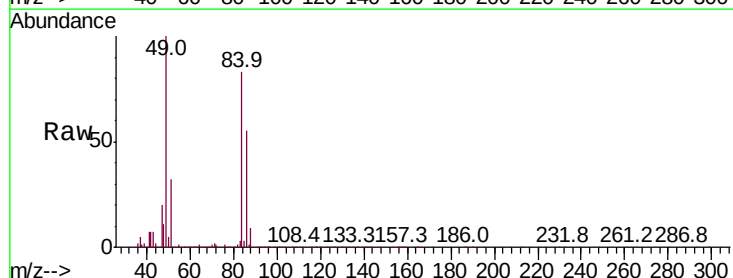
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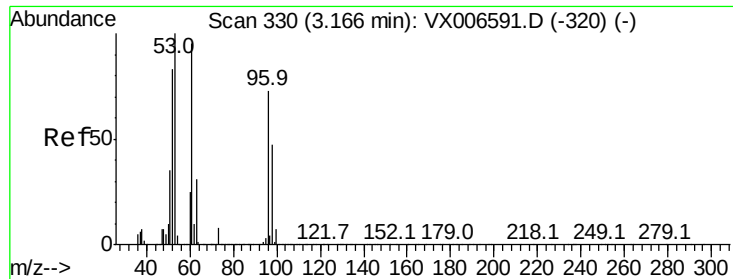
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#20
Methylene Chloride
Concen: 48.358 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 84 Resp: 297767
Ion Ratio Lower Upper
84 100
49 119.7 91.8 137.6
51 37.7 28.5 42.7
86 66.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.898 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

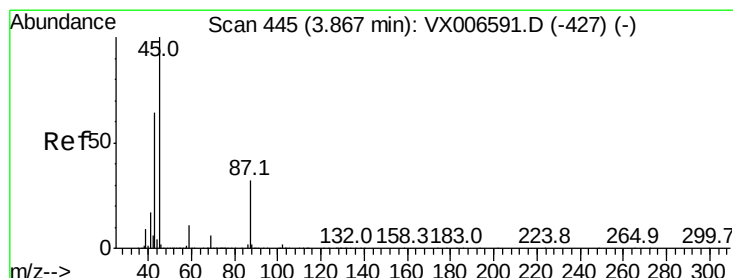
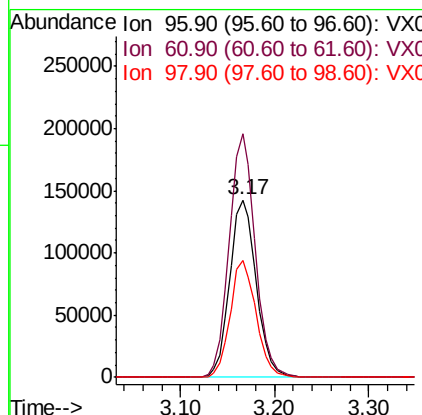
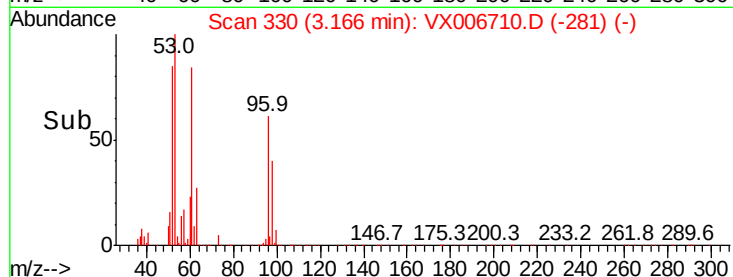
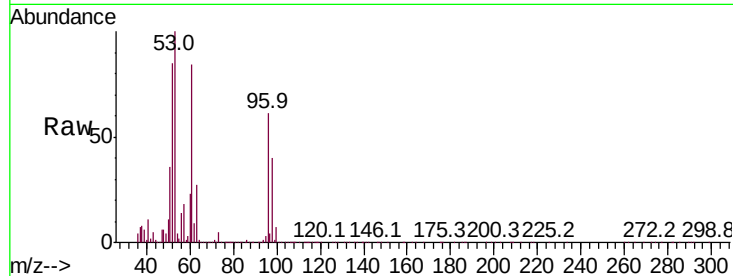
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	96	Resp:	279207
Ion	Ratio	Lower	Upper
96	100		
61	137.3	103.7	155.5
98	65.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 51.779 ug/l

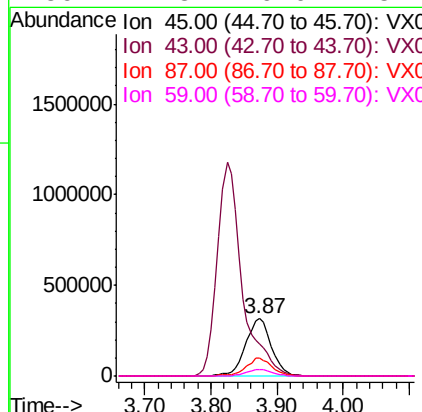
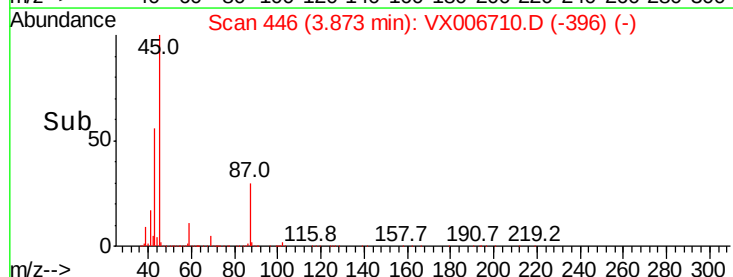
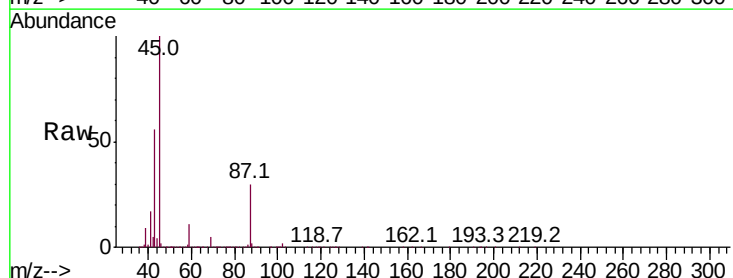
RT: 3.87 min Scan# 446

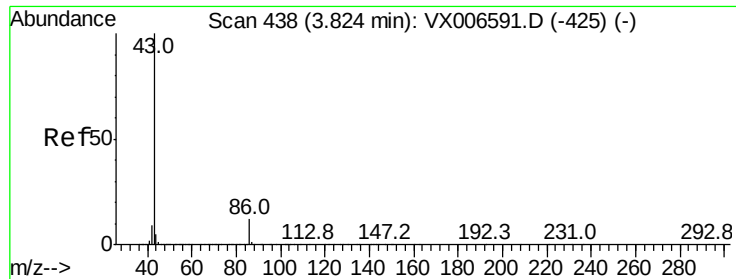
Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	45	Resp:	856743
Ion	Ratio	Lower	Upper
45	100		
43	56.2	51.2	76.8
87	30.2	25.8	38.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 227.429 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 43 Resp: 3078057

Ion Ratio Lower Upper

43 100

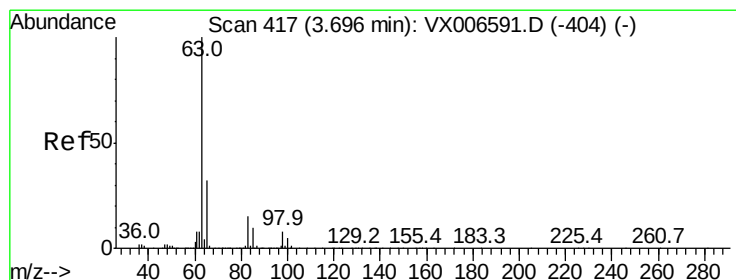
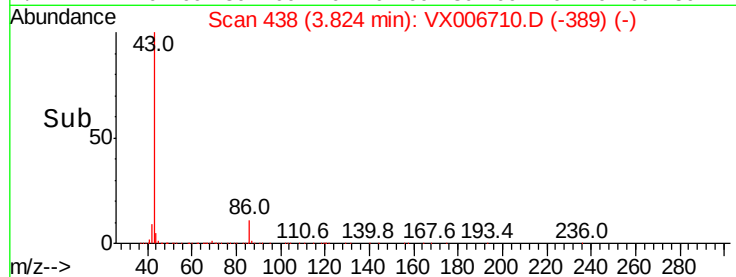
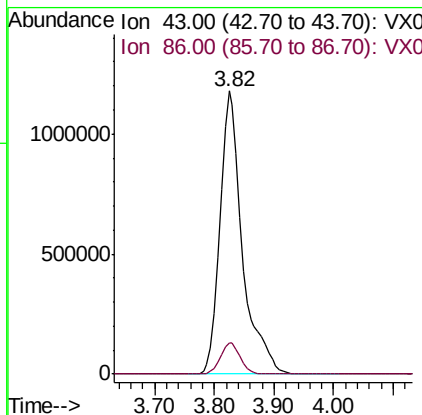
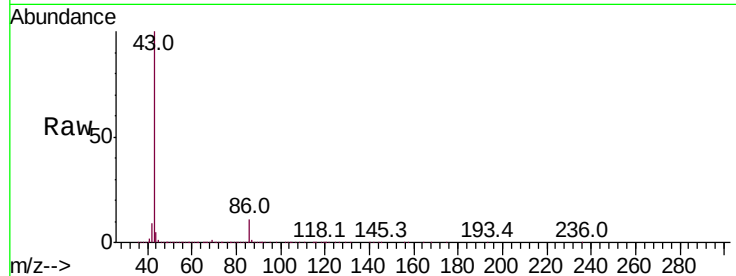
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 48.174 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

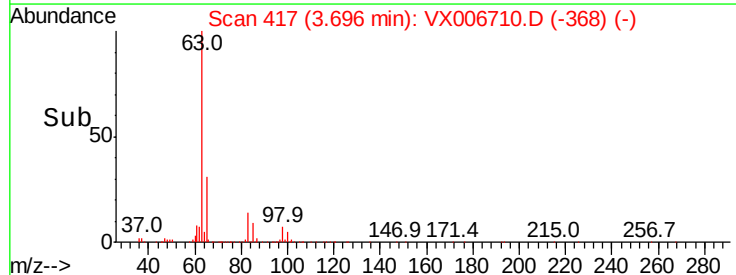
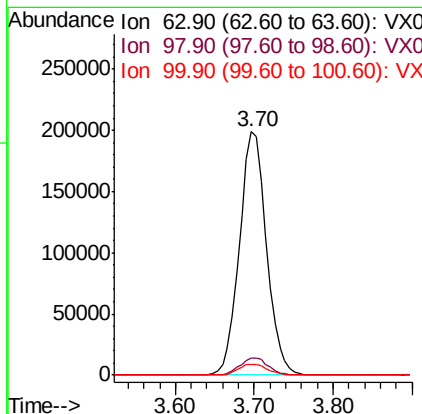
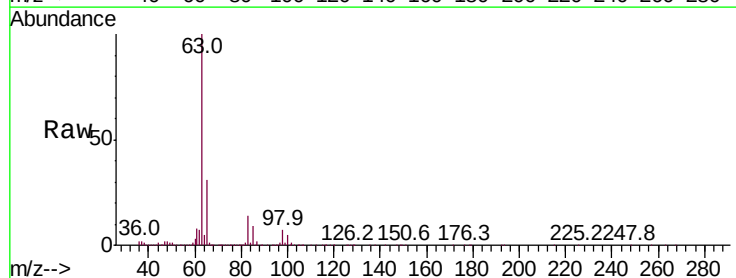
Tgt Ion: 63 Resp: 475827

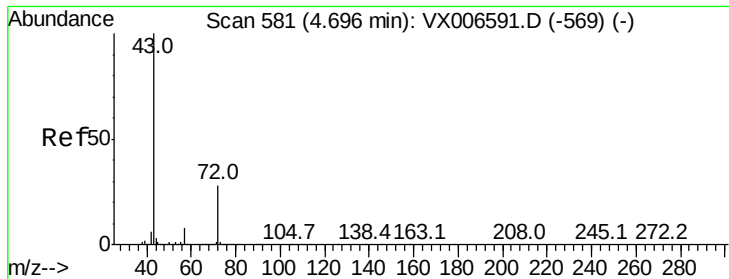
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 247.430 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 43 Resp: 1036387

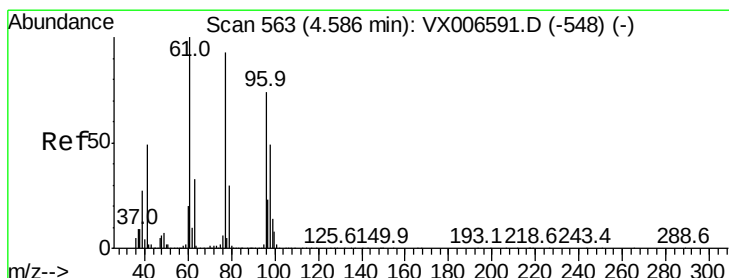
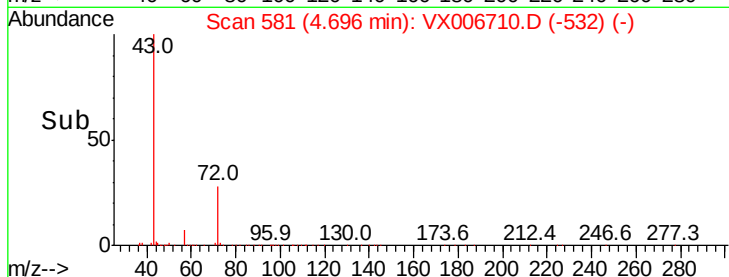
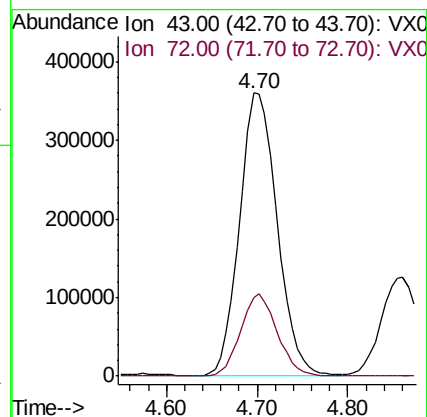
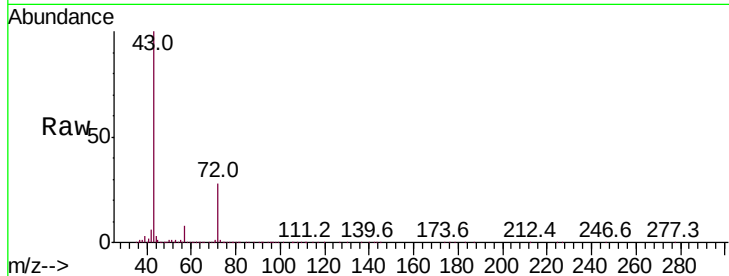
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Manual Integrations
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12/21/2018 10:19:58 AM



#26

2,2-Dichloropropane

Concen: 31.433 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006710.D

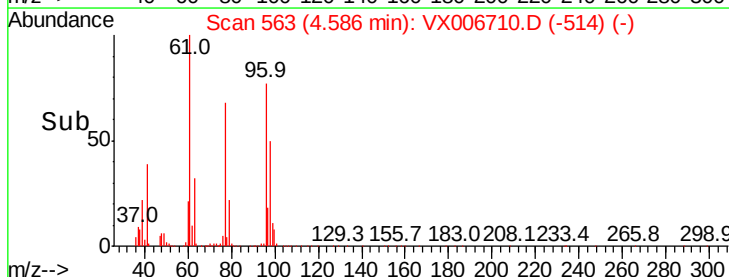
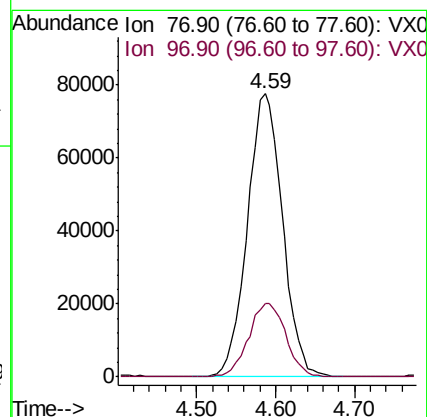
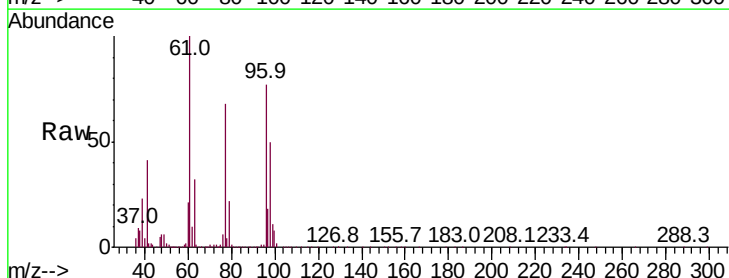
Acq: 21 Dec 2018 07:21

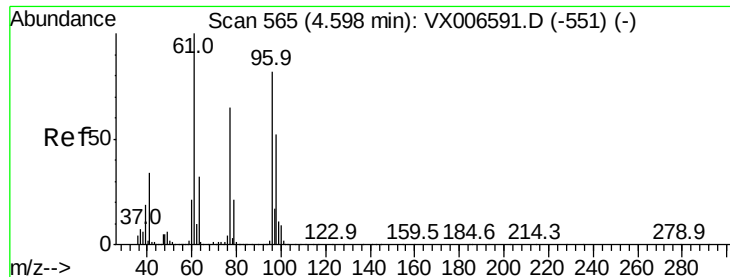
Tgt Ion: 77 Resp: 239829

Ion Ratio Lower Upper

77 100

97 27.5 12.4 37.4





#27

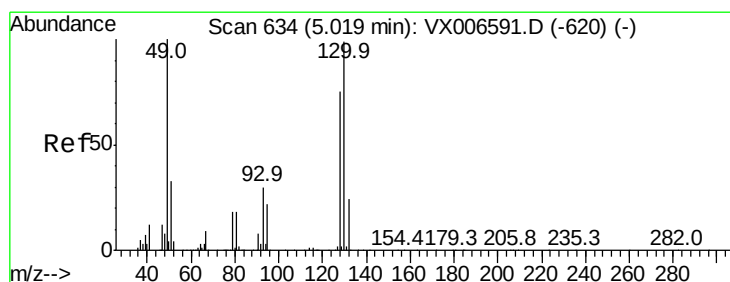
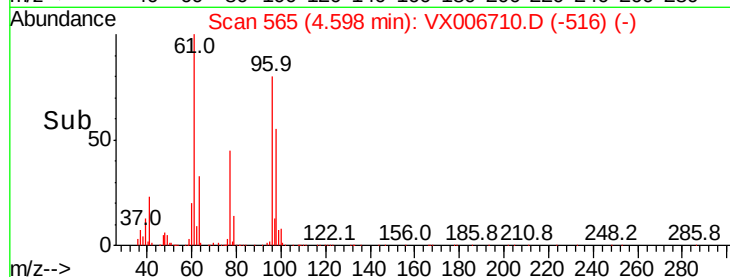
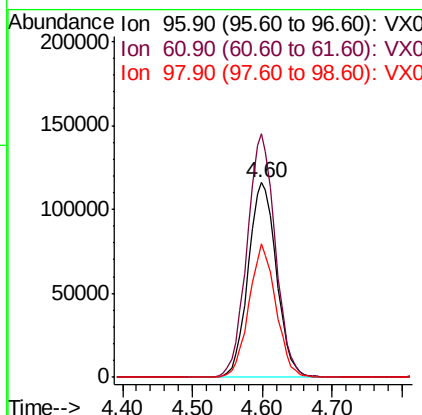
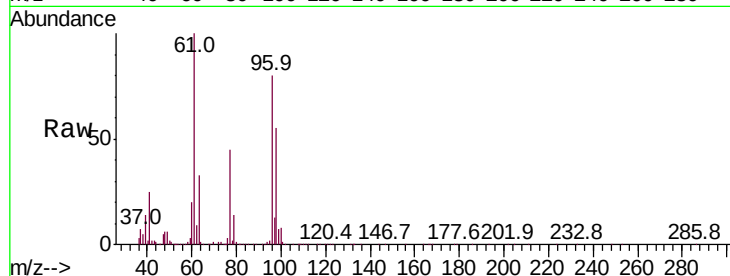
cis-1,2-Dichloroethene
Concen: 49.466 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	324918		
61	124.9	0.0	258.6	
98	65.6	0.0	132.0	

Manual Integrations
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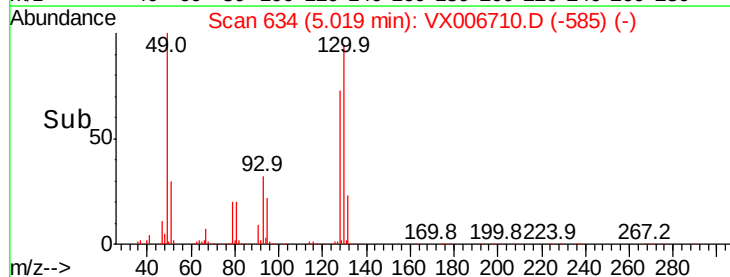
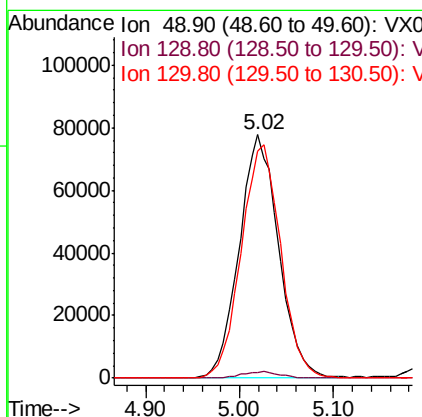
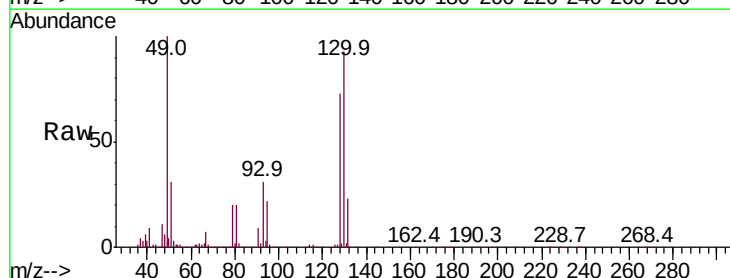
MMDadoda
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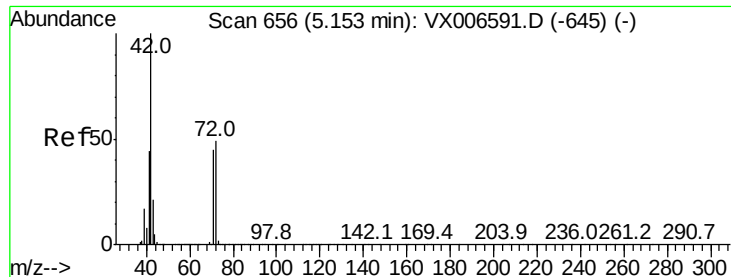


#28

Bromochloromethane
Concen: 54.733 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227159		
129	2.6	0.0	5.4	
130	96.7	77.7	116.5	





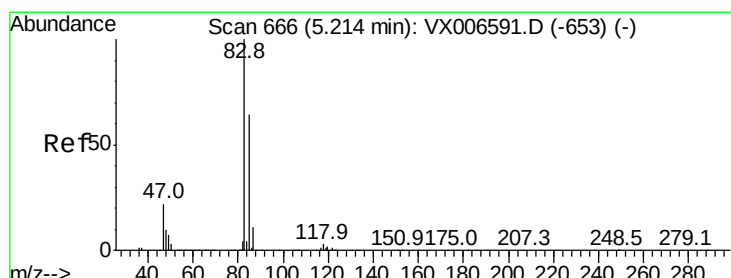
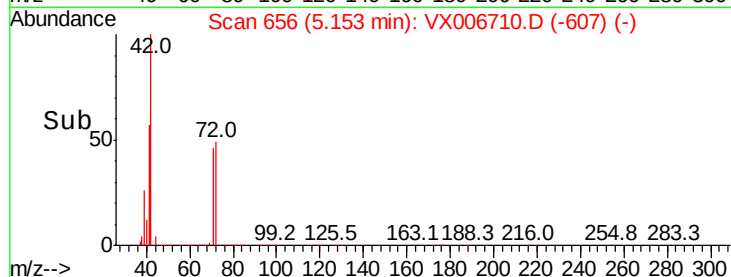
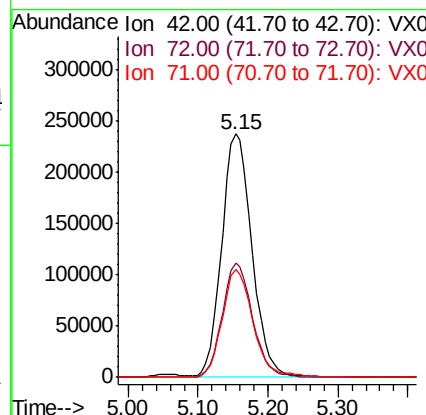
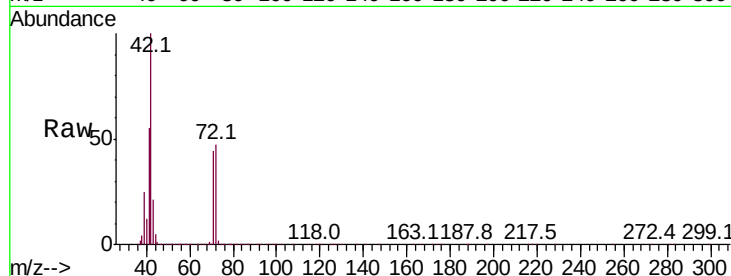
#29
Tetrahydrofuran
Concen: 256.933 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	45.5	36.2	54.4

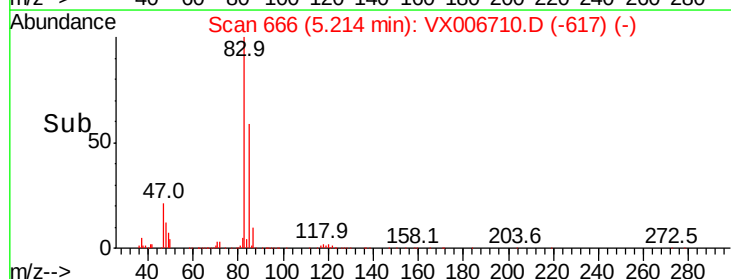
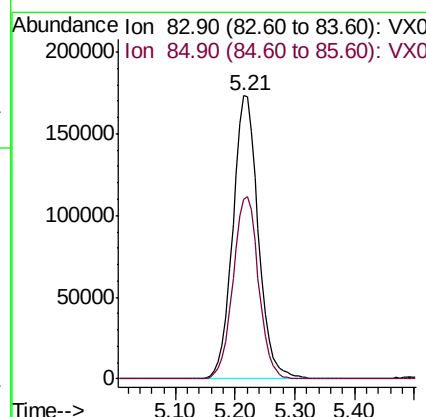
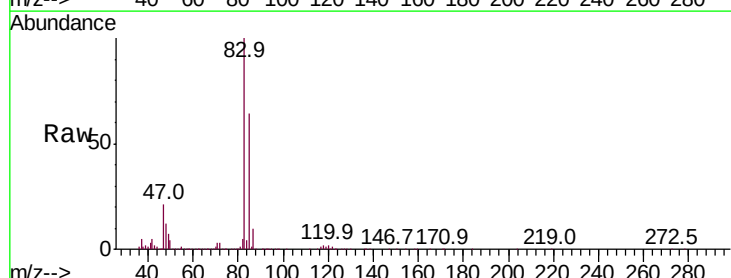
Manual Integrations
APPROVED

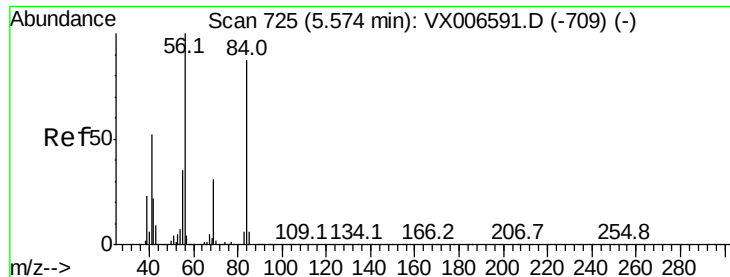
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#30
Chloroform
Concen: 50.440 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8





#31

Cyclohexane

Concen: 55.956 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

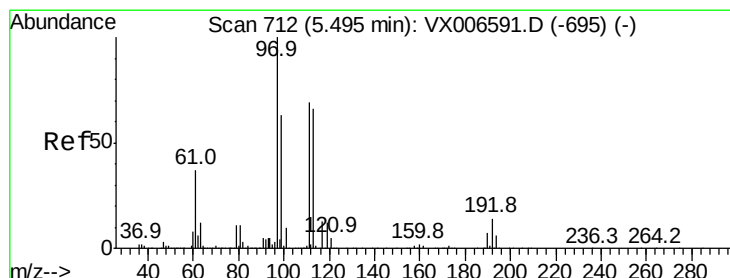
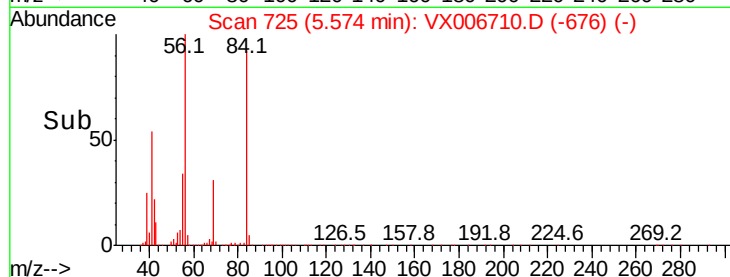
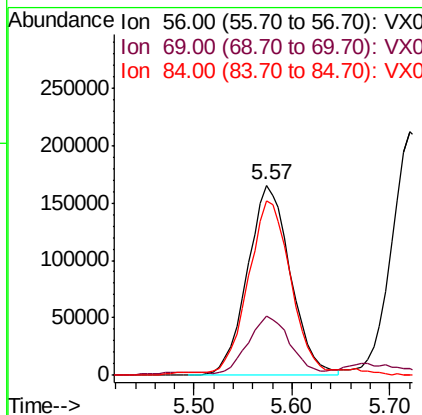
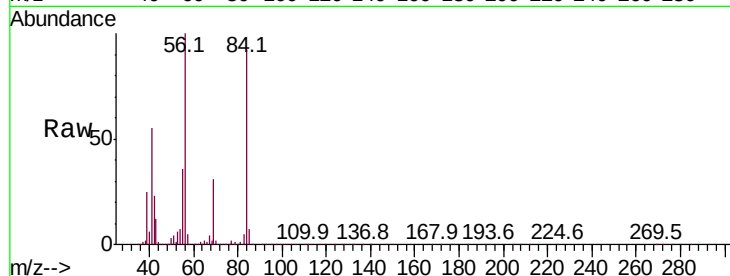
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	56	Resp:	502102
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.4	36.6
84	90.8	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 50.012 ug/l

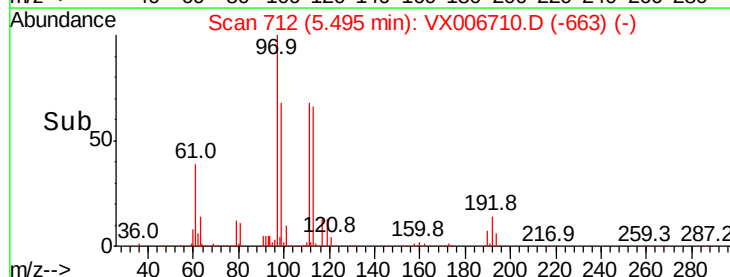
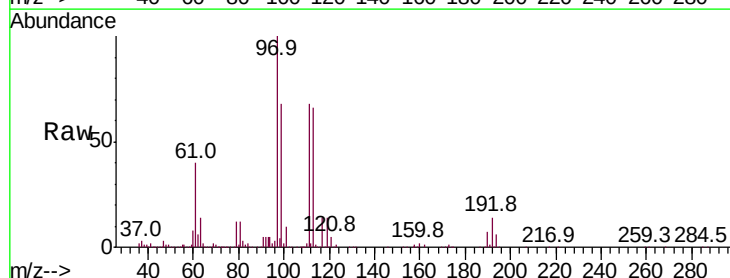
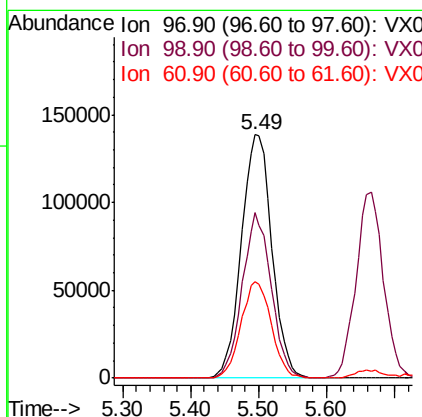
RT: 5.49 min Scan# 712

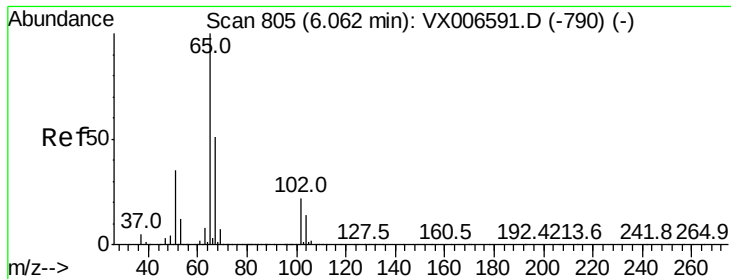
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	97	Resp:	431941
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	39.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.877 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 65 Resp: 316794

Ion Ratio Lower Upper

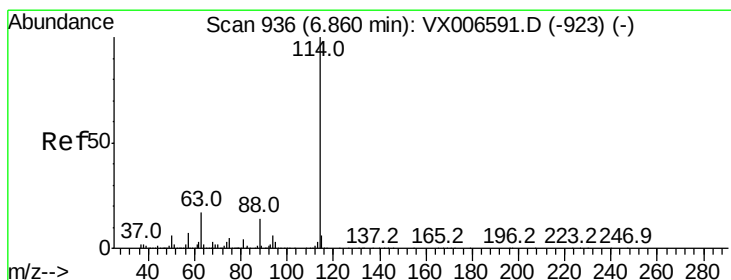
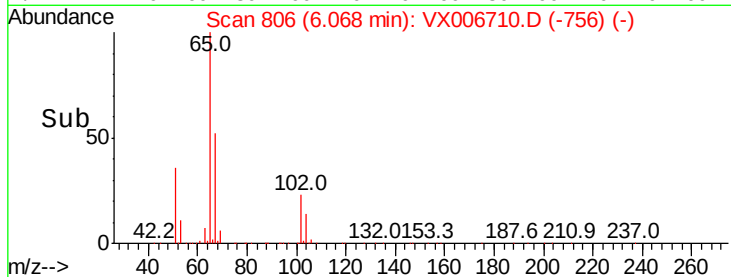
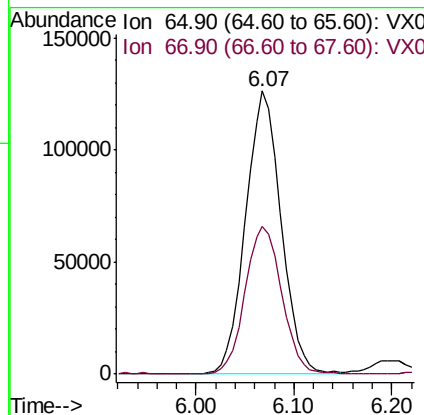
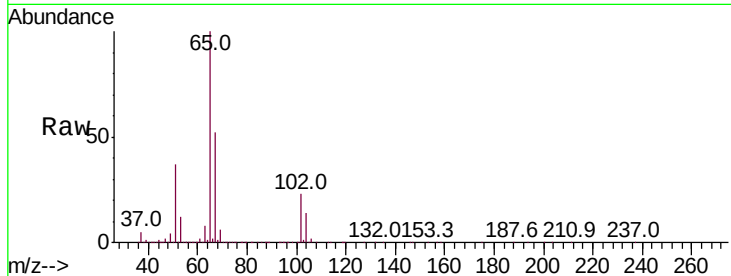
65 100

67 54.0 0.0 105.0

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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: VX006710.D

Acq: 21 Dec 2018 07:21

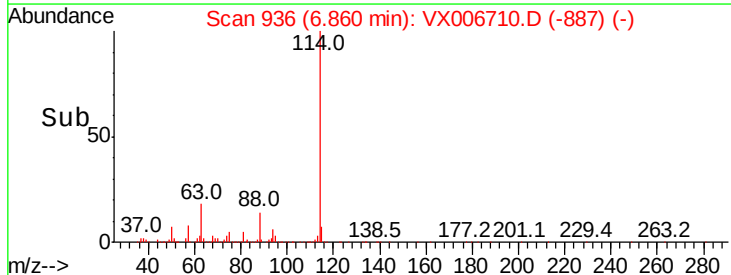
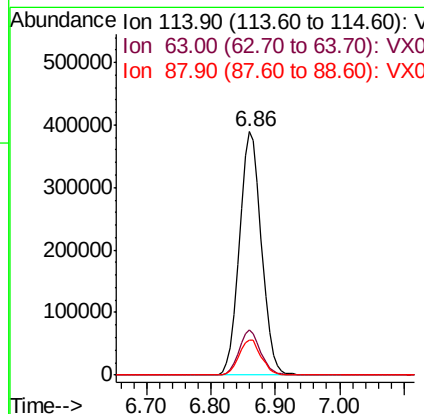
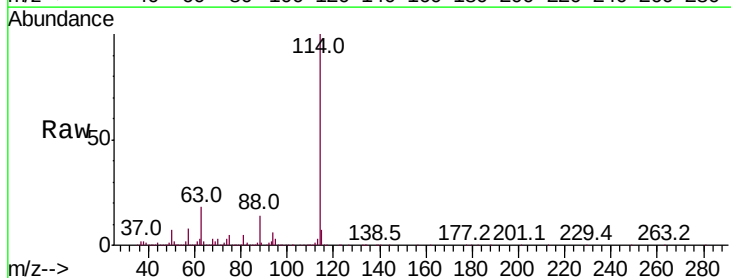
Tgt Ion: 114 Resp: 920158

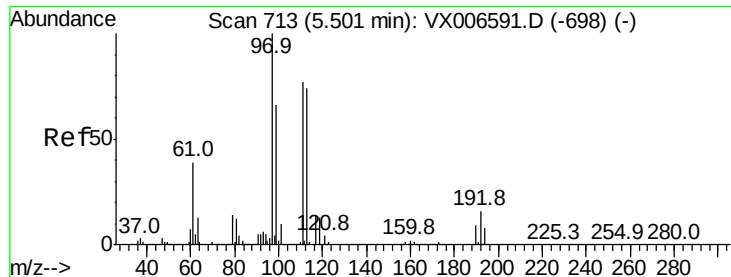
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

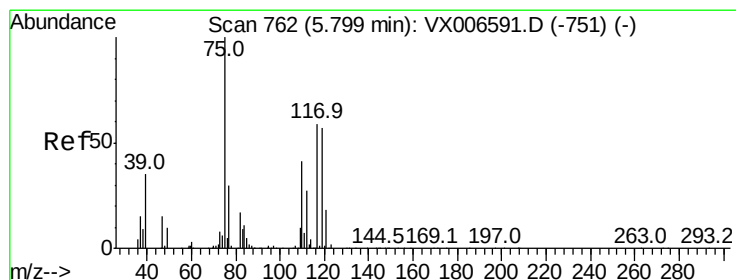
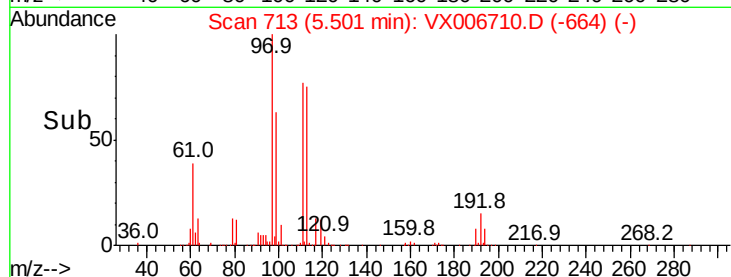
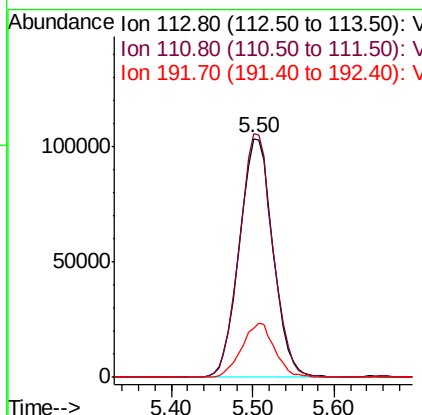
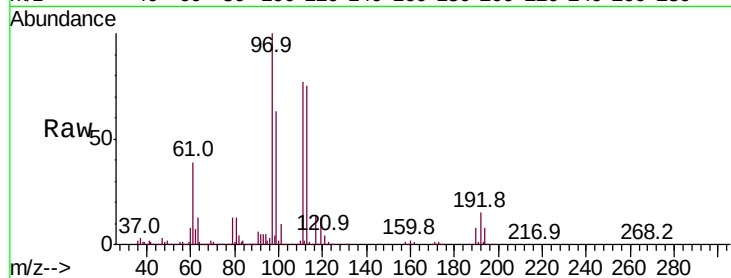
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	113	Resp:	296805
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.6	122.4
192	22.2	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.700 ug/l

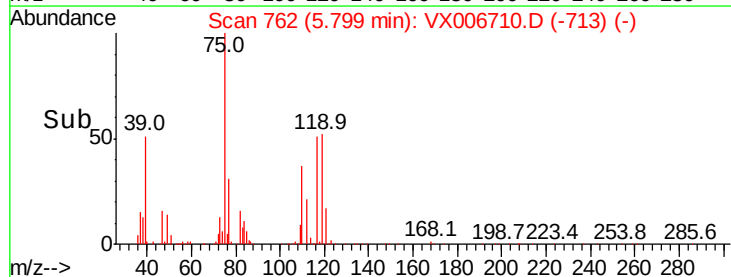
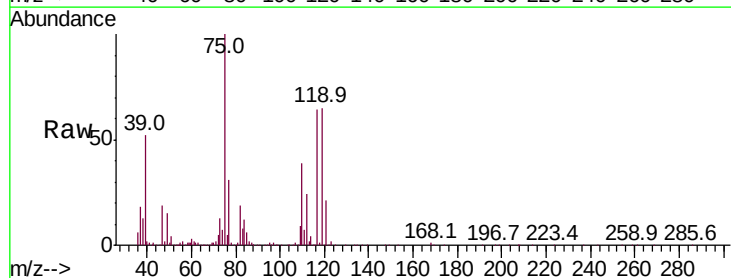
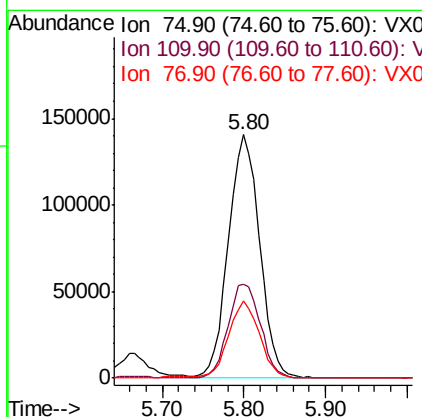
RT: 5.80 min Scan# 762

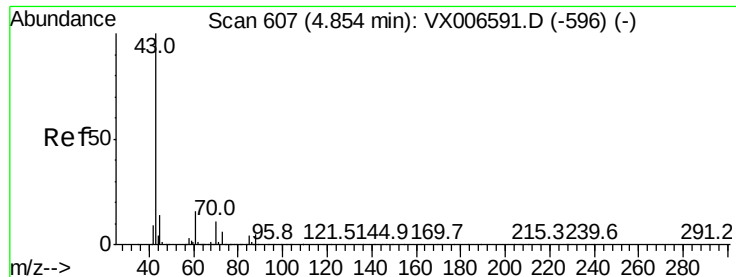
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	75	Resp:	371146
Ion Ratio	Lower	Upper	
75	100		
110	40.0	20.2	60.5
77	31.8	24.8	37.2





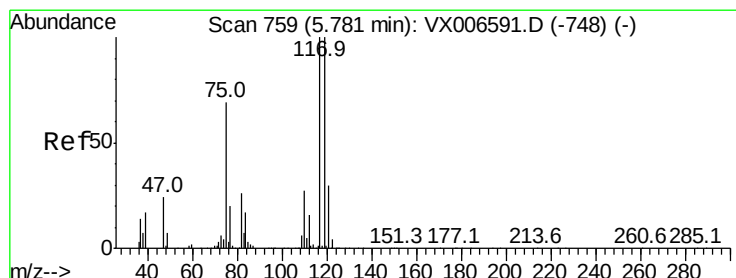
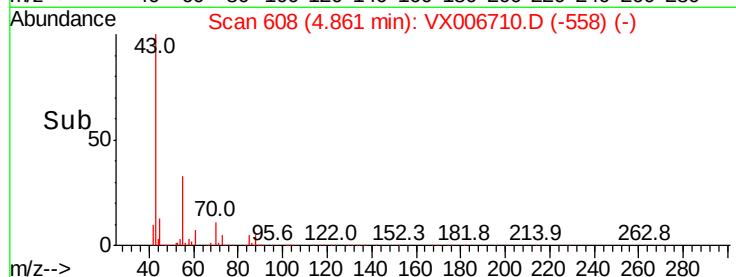
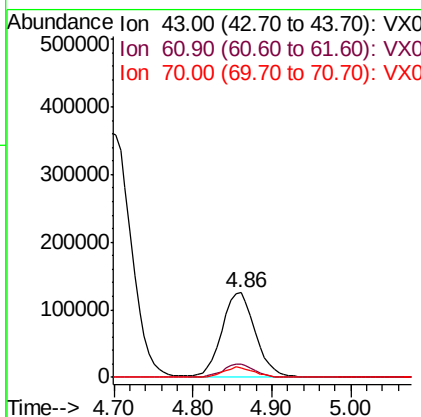
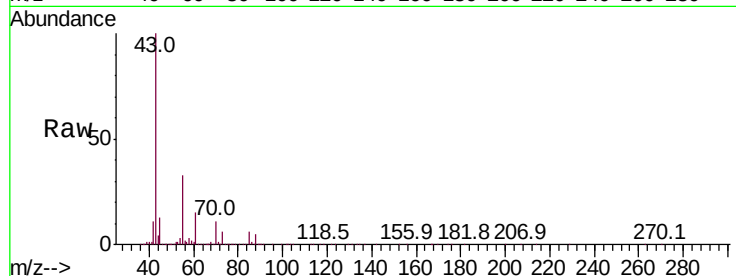
#37
Ethyl Acetate
Concen: 46.536 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	43	Resp	369132
Ion Ratio	100	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.5	9.7	14.5

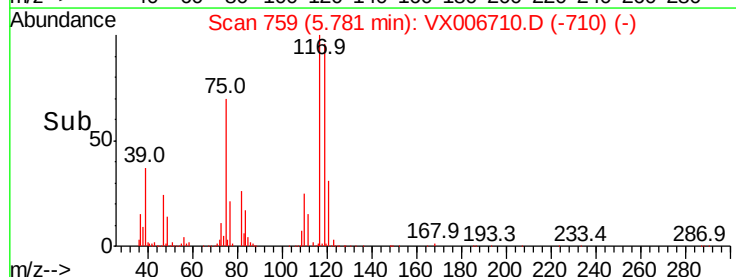
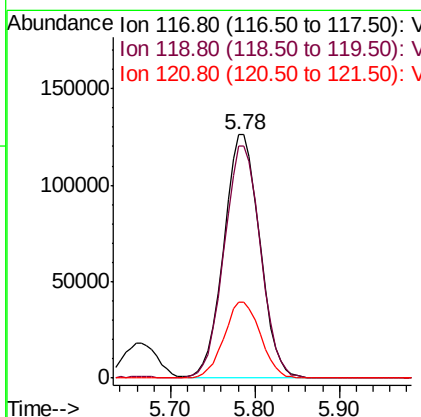
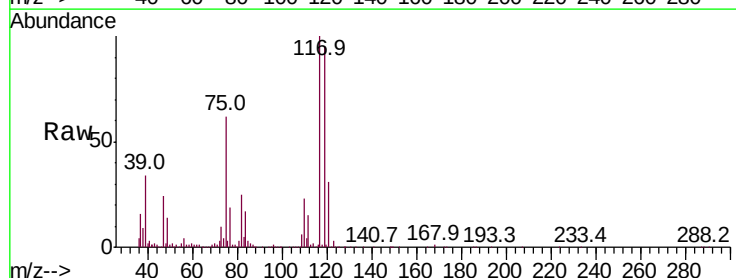
Manual Integrations
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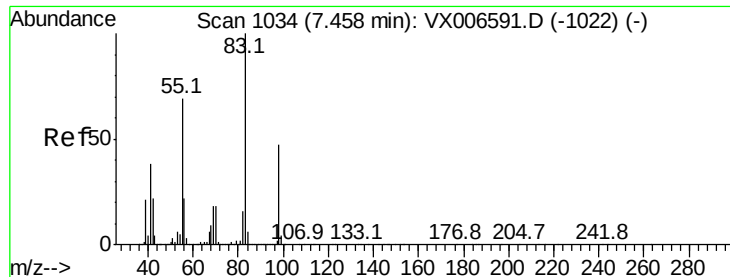
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#38
Carbon Tetrachloride
Concen: 49.443 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	117	Resp	366197
Ion Ratio	100	Lower	Upper
117	100		
119	95.3	79.4	119.2
121	31.2	24.0	36.0





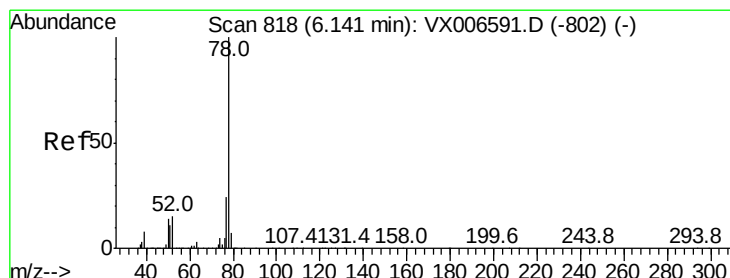
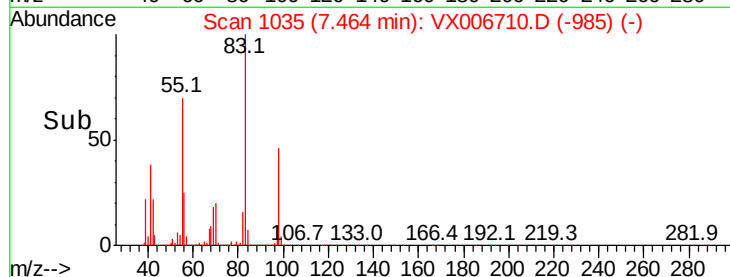
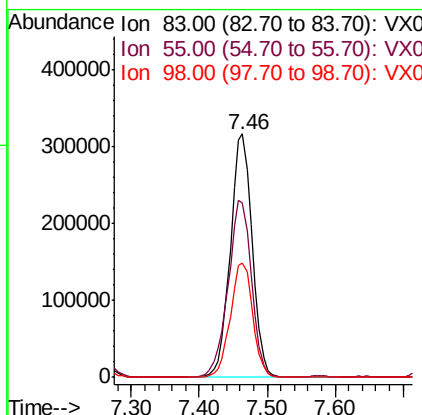
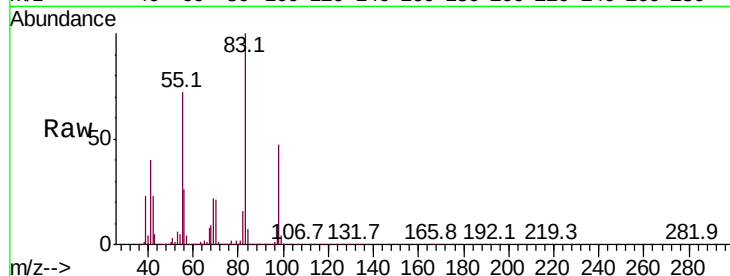
#39
Methylvlcyclohexane
Concen: 70.080 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	54.9	82.3
98	47.0	37.9	56.9

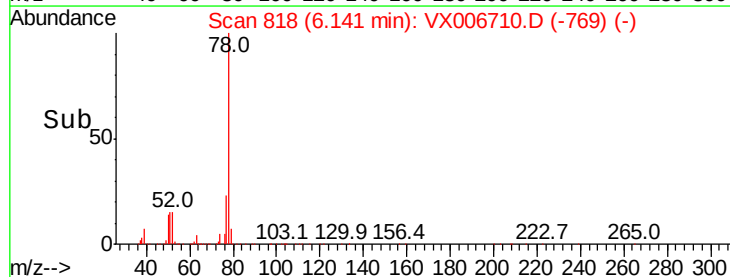
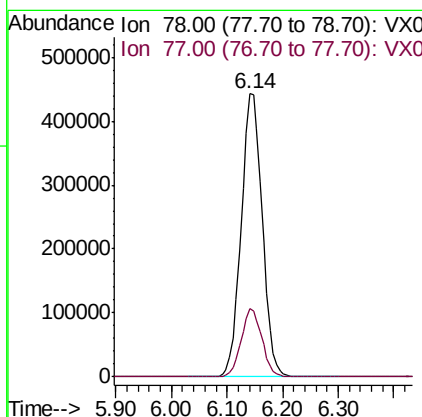
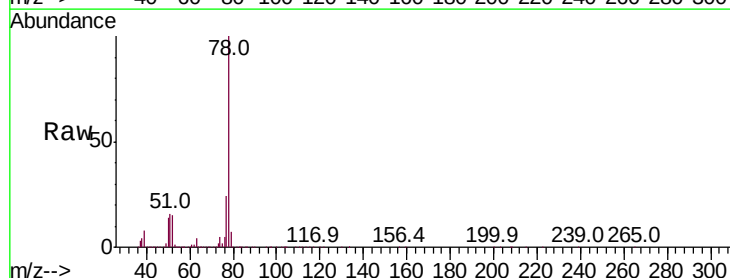
Manual Integrations
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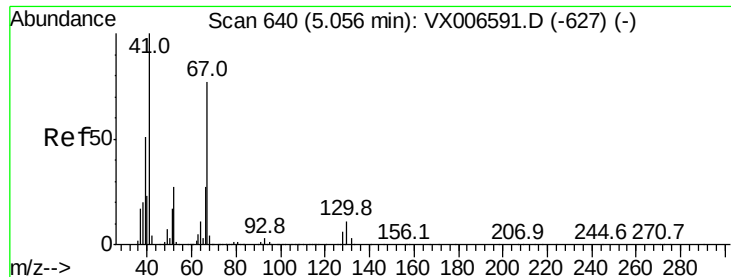
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#40
Benzene
Concen: 50.166 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 55.308 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

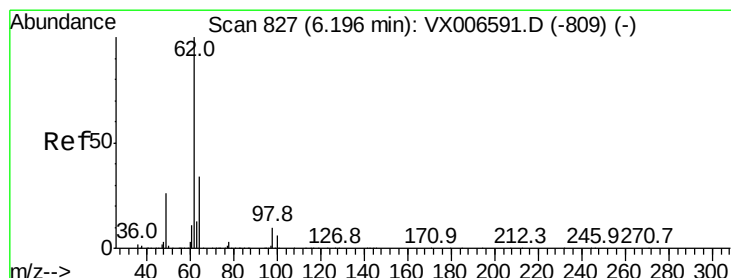
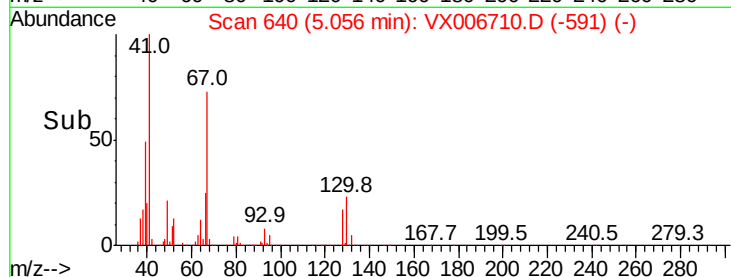
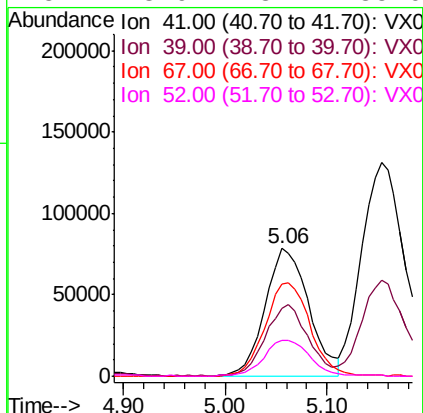
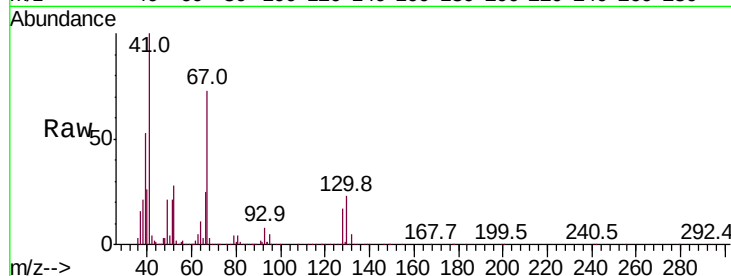
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.8	64.2	
67	74.5	62.1	93.1	
52	28.9	23.4	35.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.652 ug/l

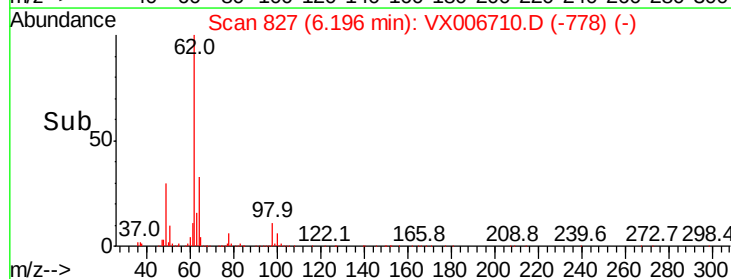
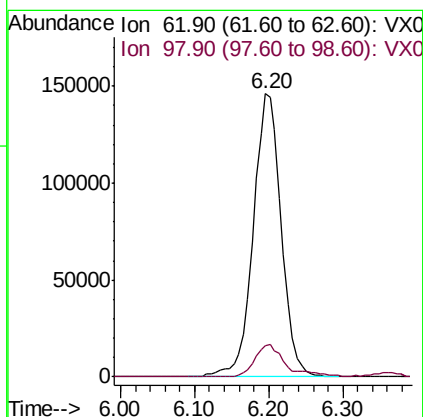
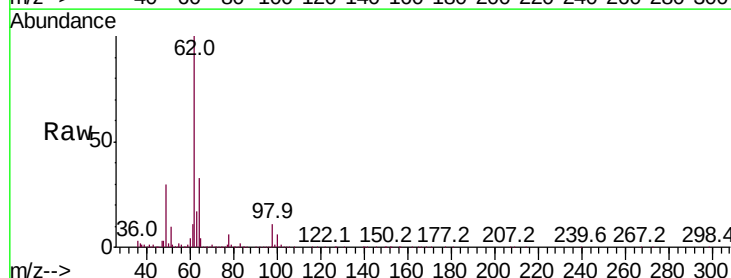
RT: 6.20 min Scan# 827

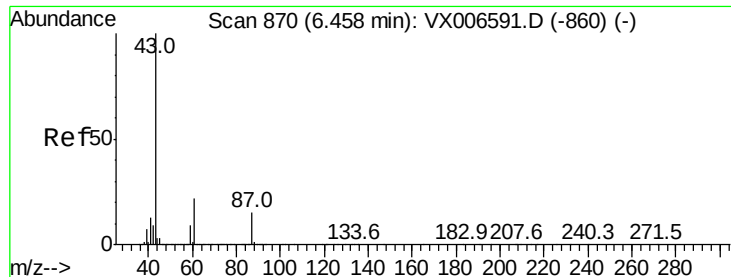
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	12.7	0.0	20.2	





#43

Isopropyl Acetate

Concen: 51.012 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

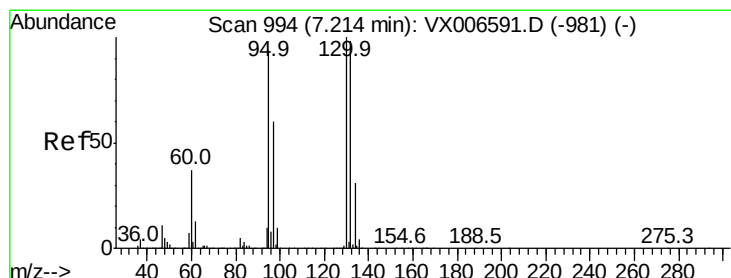
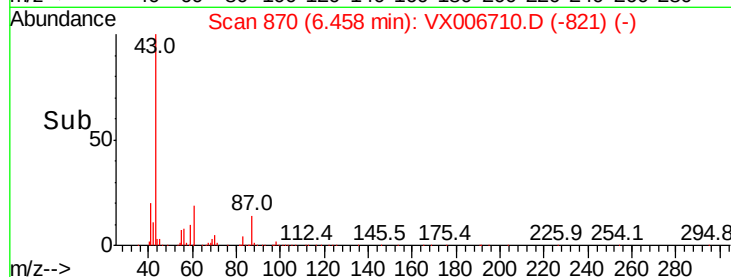
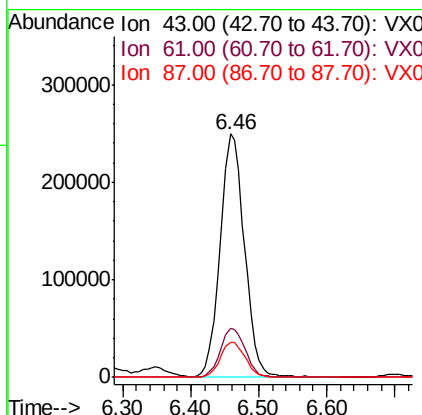
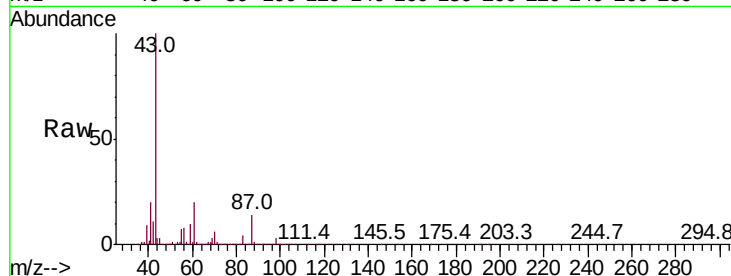
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	43	Resp:	615661
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.8	12.4	18.6

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#44

Trichloroethene

Concen: 47.805 ug/l

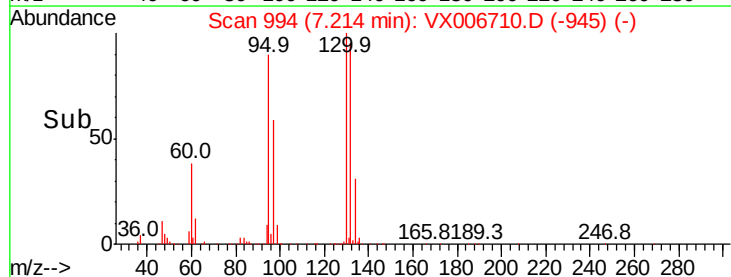
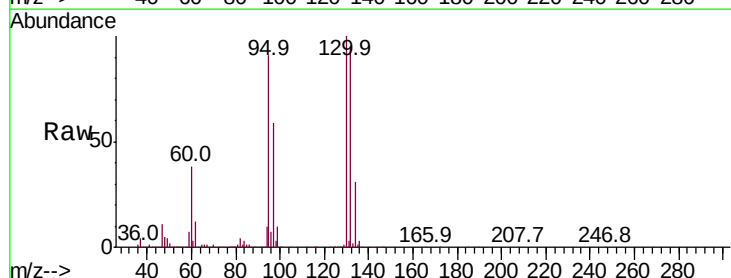
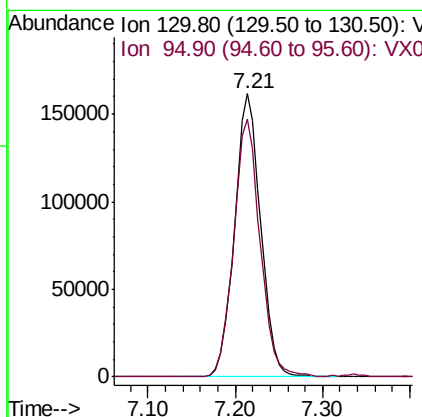
RT: 7.21 min Scan# 994

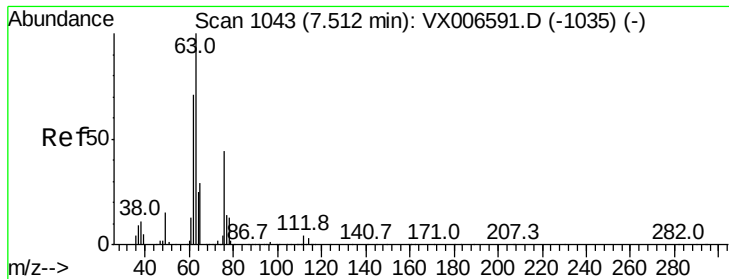
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	130	Resp:	335181
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.396 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

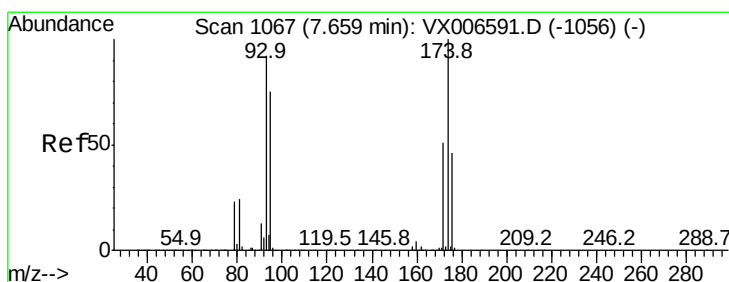
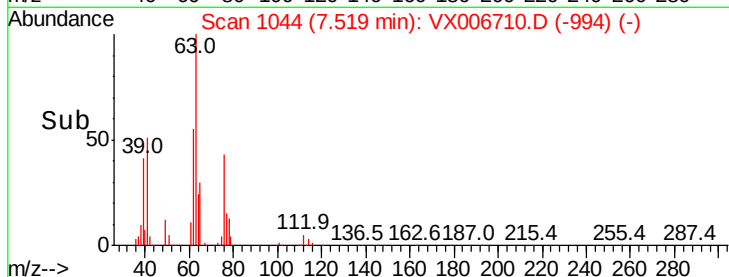
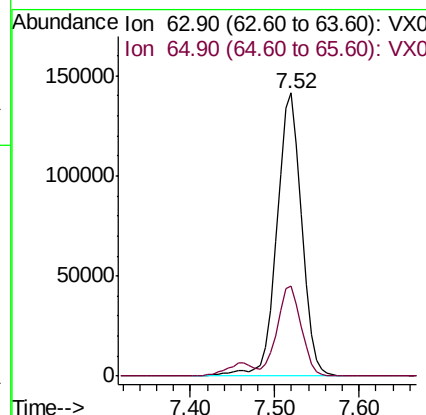
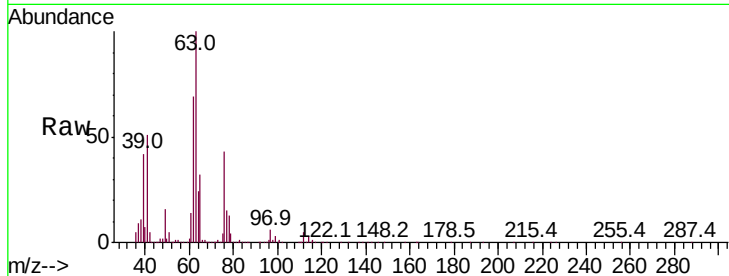
Instrument :
MSVOA_X

ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Resp	Lower	Upper
63	100	289737		
65	31.4	25.4	38.0	

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#46

Dibromomethane

Concen: 49.245 ug/l

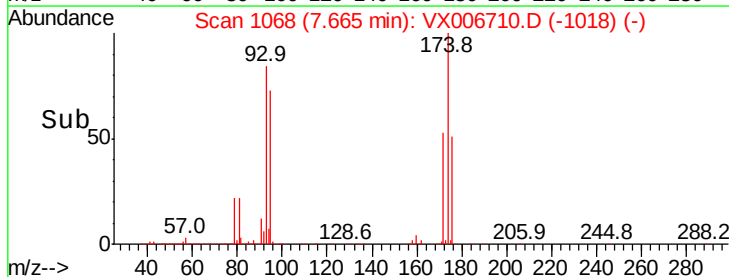
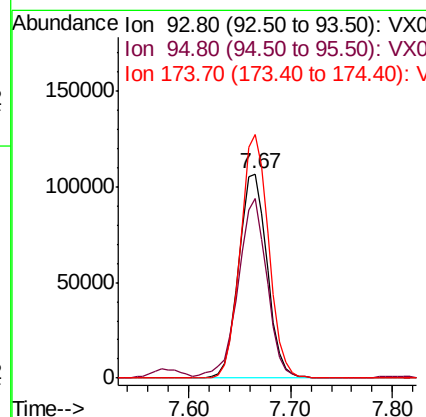
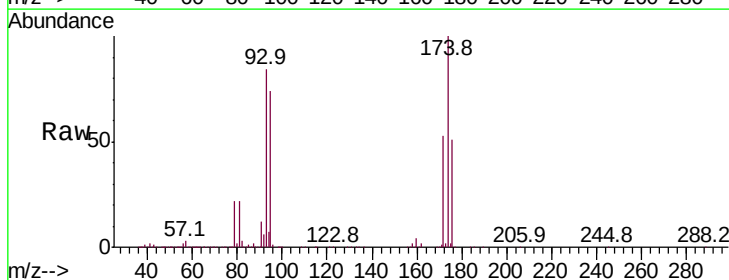
RT: 7.67 min Scan# 1068

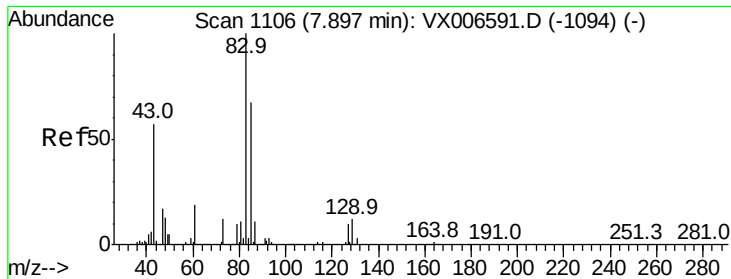
Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204196		
95	89.3	66.2	99.4	
174	119.1	91.0	136.4	





#47

Bromodichloromethane

Concen: 50.445 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006710.D

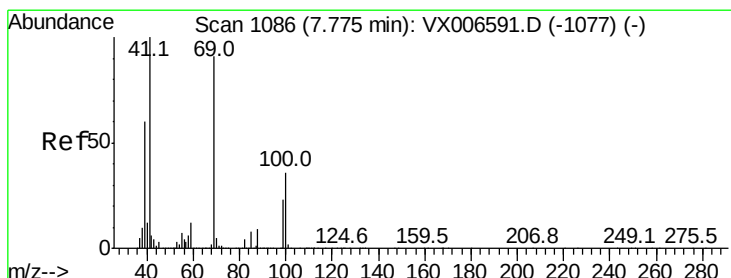
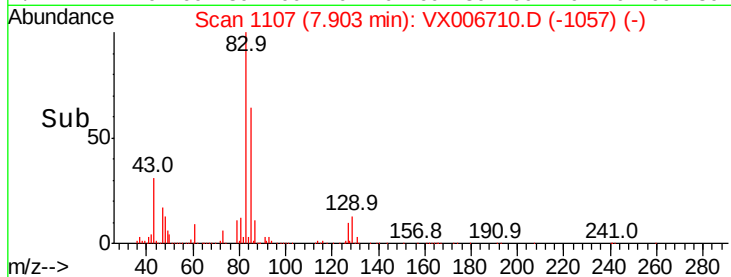
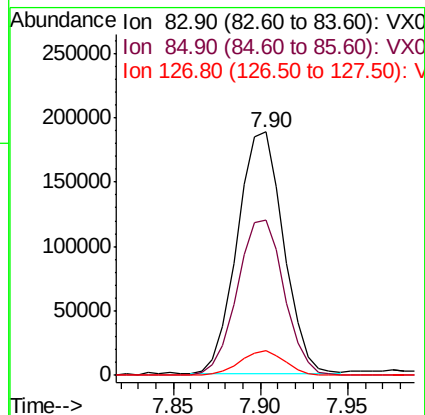
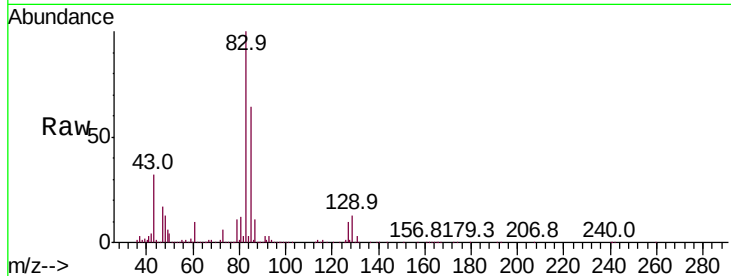
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion:	83	Resp:	347274
Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.2	79.8
127	10.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 54.393 ug/l

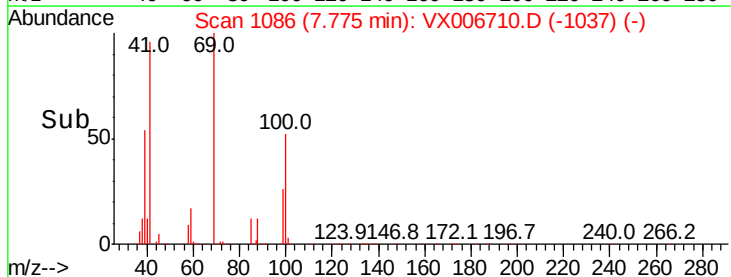
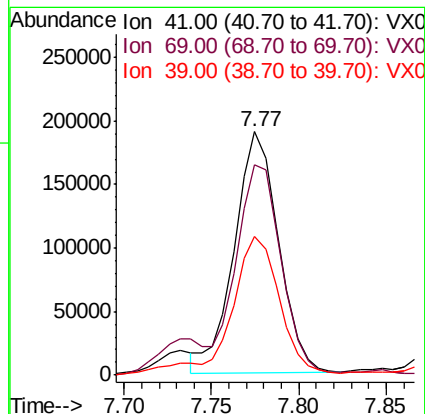
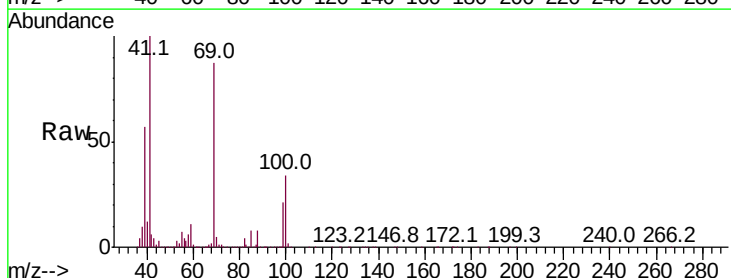
RT: 7.77 min Scan# 1086

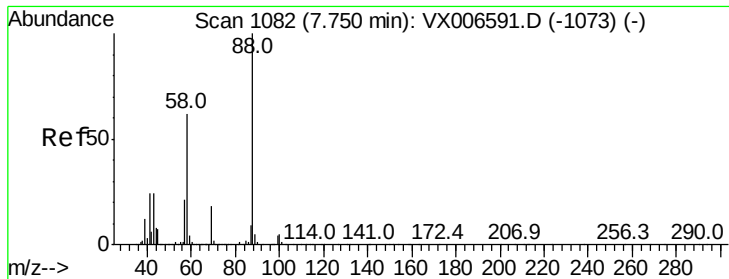
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	41	Resp:	333836
Ion	Ratio	Lower	Upper
41	100		
69	91.0	72.4	108.6
39	62.4	45.8	68.8





#49

1,4-Dioxane

Concen: 825.483 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

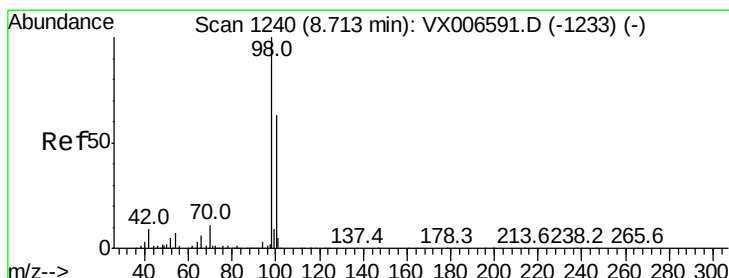
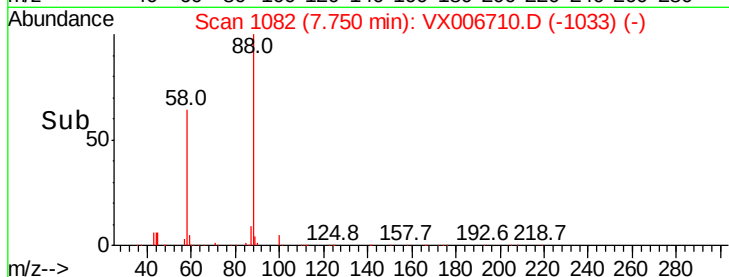
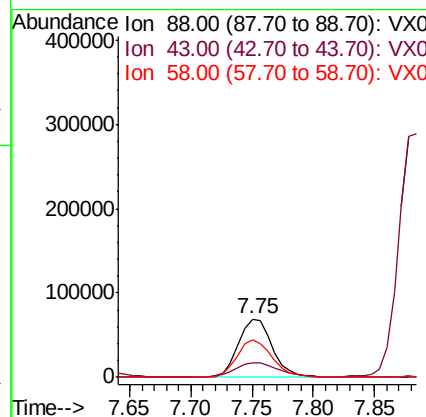
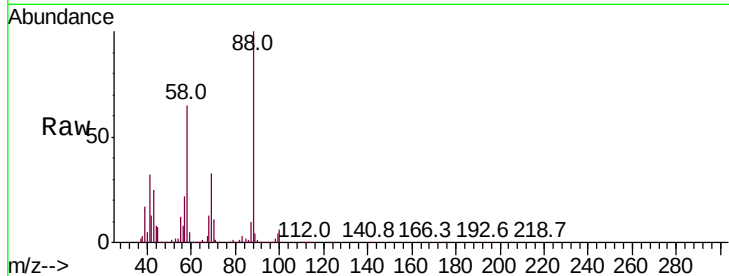
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	88	Resp:	133116
Ion Ratio	Lower	Upper	
88	100		
43	30.9	22.2	33.4
58	66.3	51.0	76.4

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#50

Toluene-d8

Concen: 50.017 ug/l

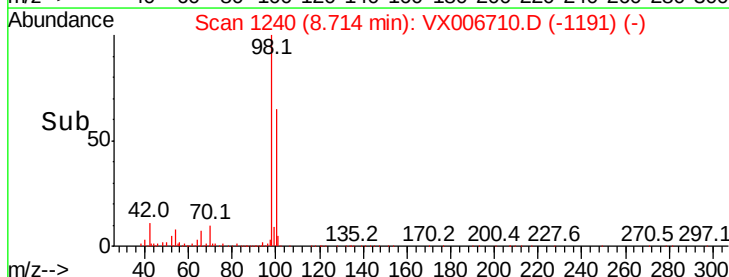
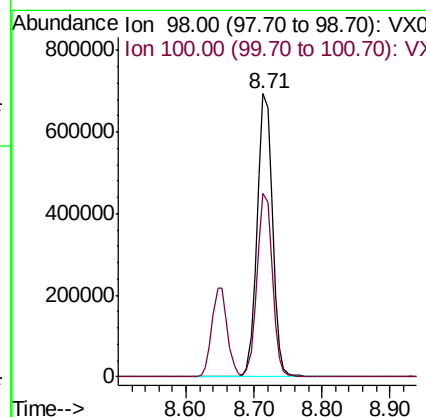
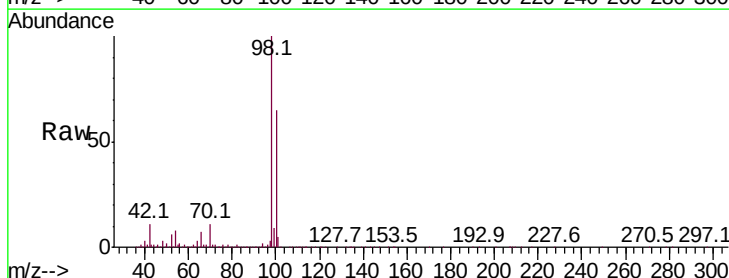
RT: 8.71 min Scan# 1240

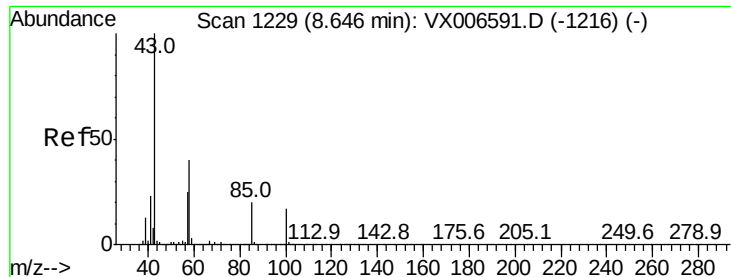
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	98	Resp:	1097240
Ion Ratio	Lower	Upper	
98	100		
100	64.5	52.0	78.0





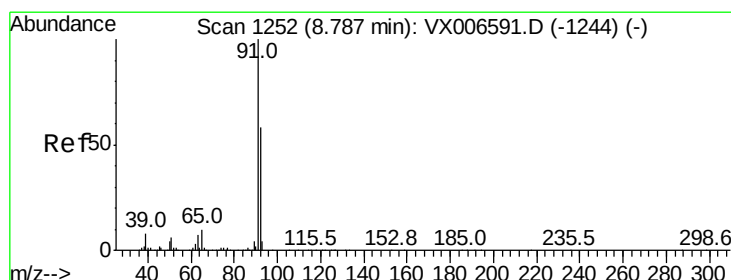
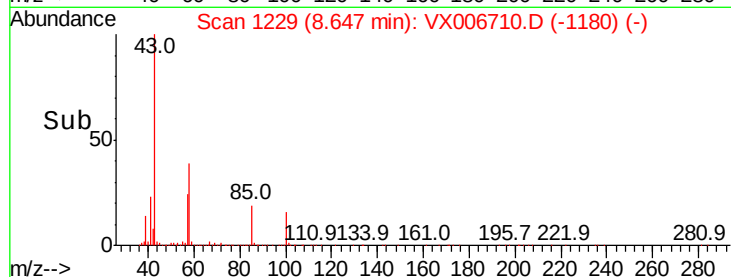
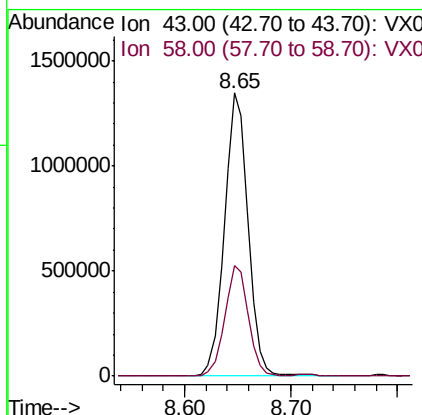
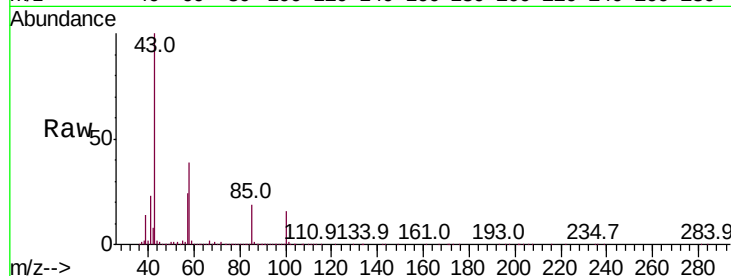
#51
4-Methyl-2-Pentanone
Concen: 271.175 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion: 43 Resp: 2082399
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6

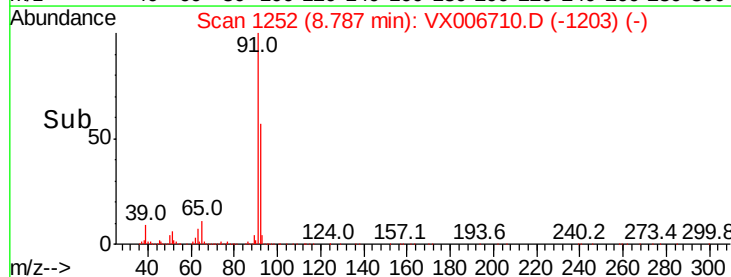
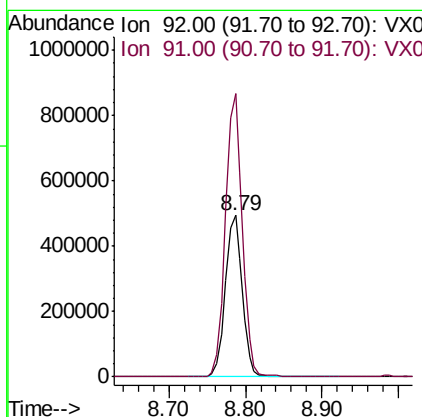
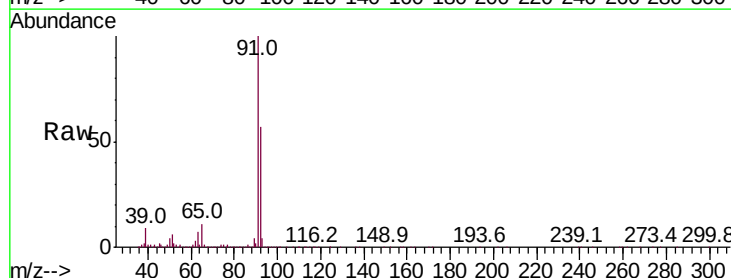
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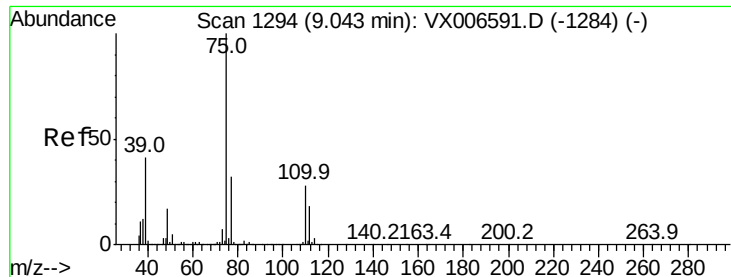
MMDadoda
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#52
Toluene
Concen: 50.484 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 92 Resp: 755529
Ion Ratio Lower Upper
92 100
91 174.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.833 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 75 Resp: 367928

Ion Ratio Lower Upper

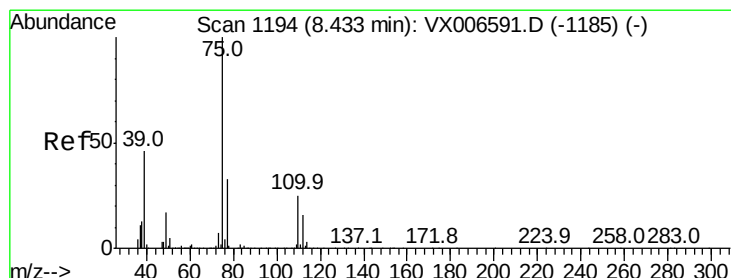
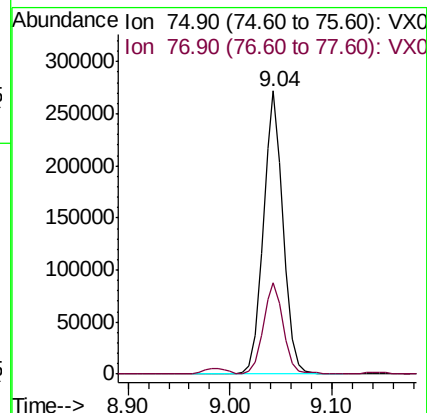
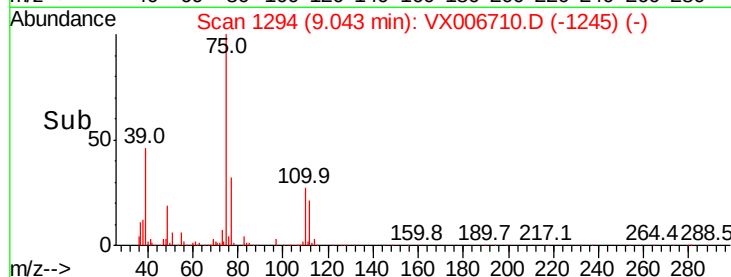
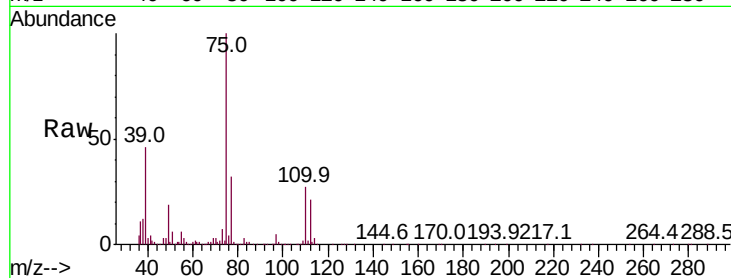
75 100

77 32.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 51.336 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

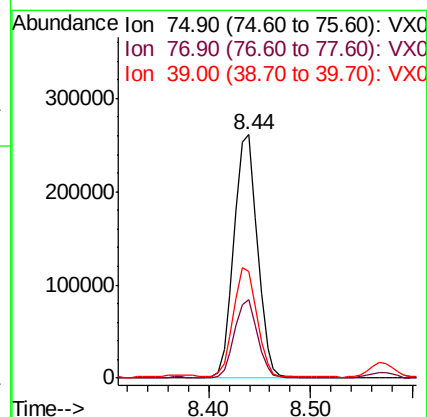
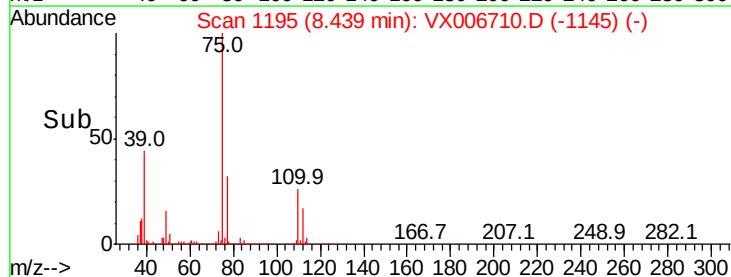
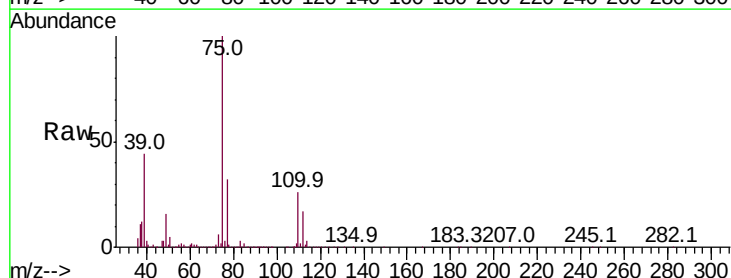
Tgt Ion: 75 Resp: 415884

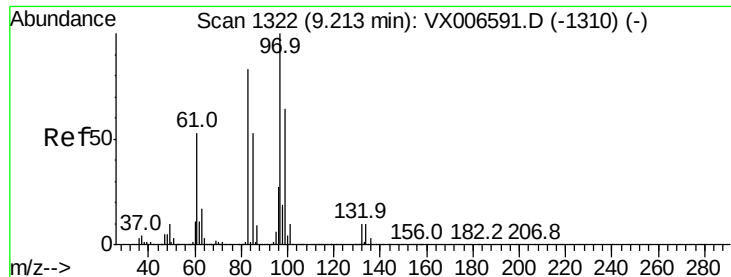
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

39 43.6 36.7 55.1





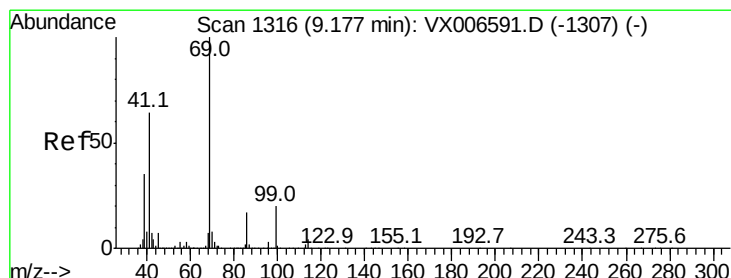
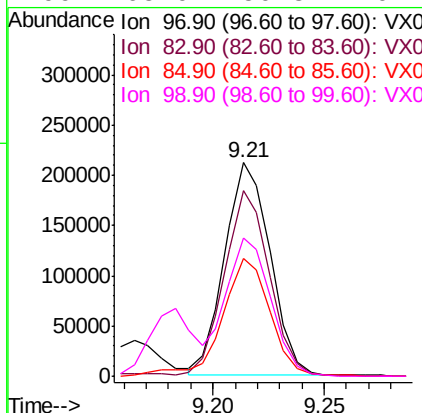
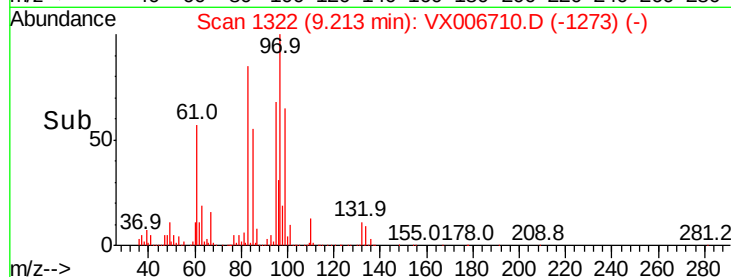
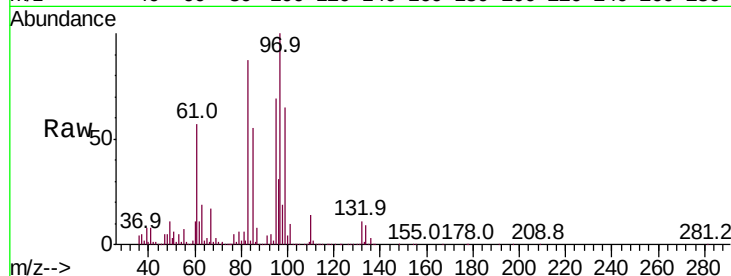
#55
 1,1,2-Trichloroethane
 Concen: 49.111 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.6	99.8
85	55.2	42.7	64.1
99	65.0	50.8	76.2

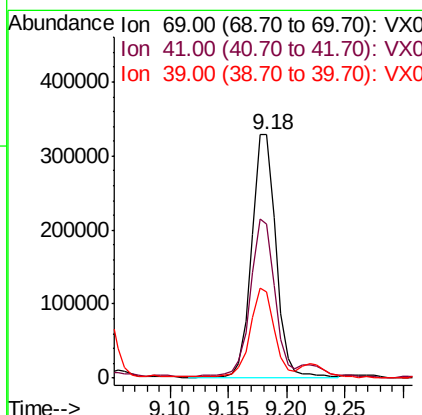
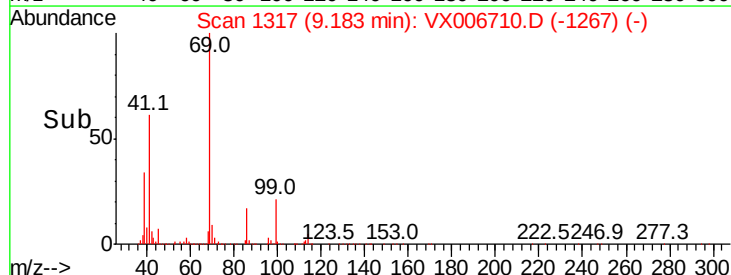
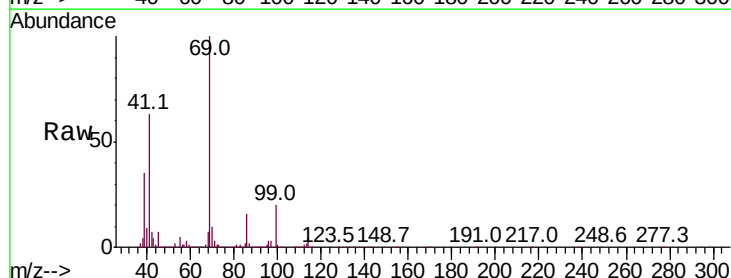
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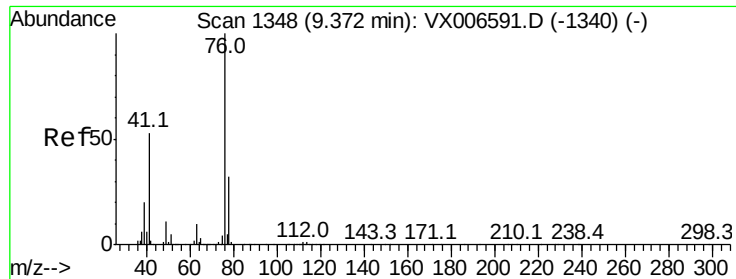
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#56
 Ethyl methacrylate
 Concen: 55.561 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	48.7	73.1
39	37.1	27.0	40.6





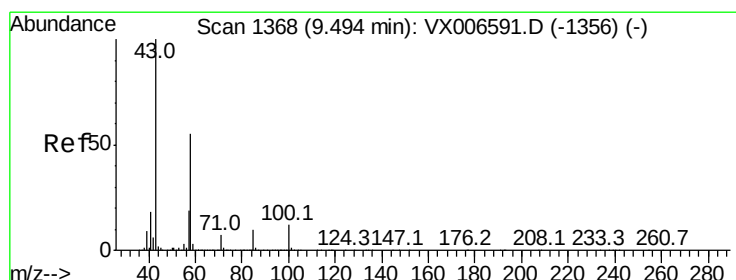
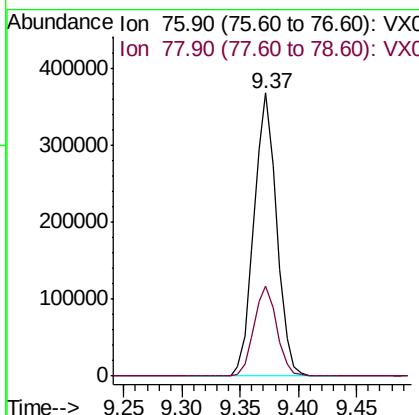
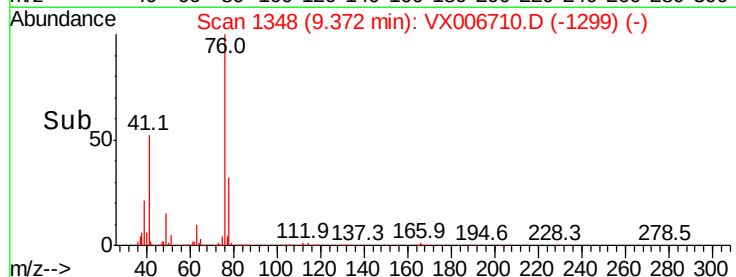
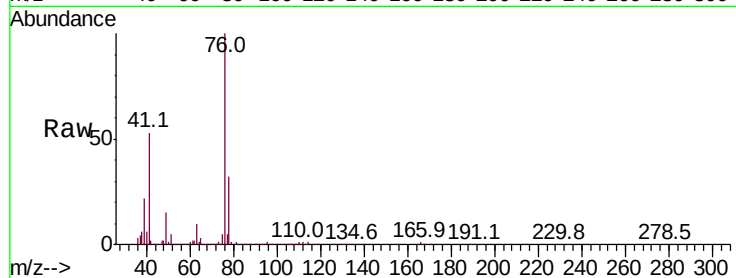
#57
 1,3-Dichloropropane
 Concen: 50.967 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

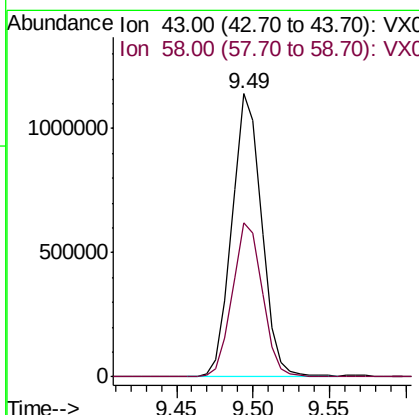
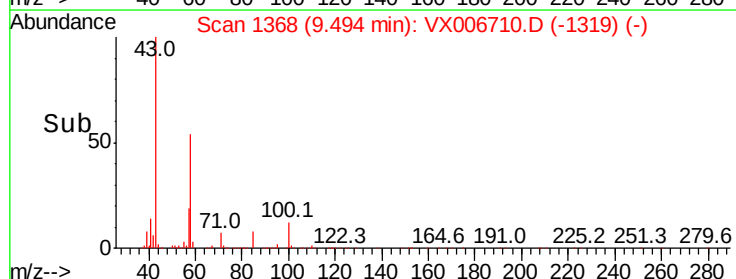
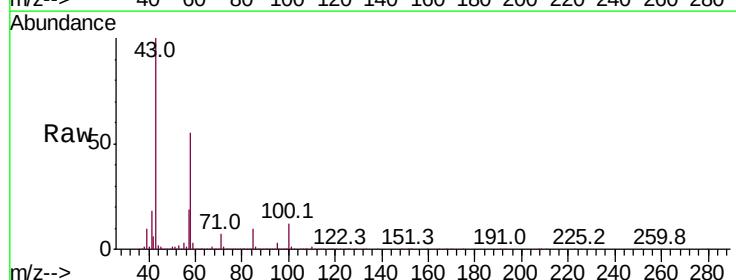
Manual Integrations
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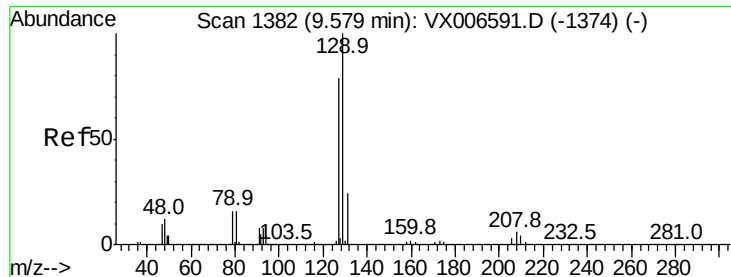
MMDadoda
 12/21/2018 10:19:58 AM



#59
 2-Hexanone
 Concen: 260.818 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.7	83.1





#60

Dibromochloromethane

Concen: 48.690 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:129 Resp: 311543

Ion Ratio Lower Upper

129 100

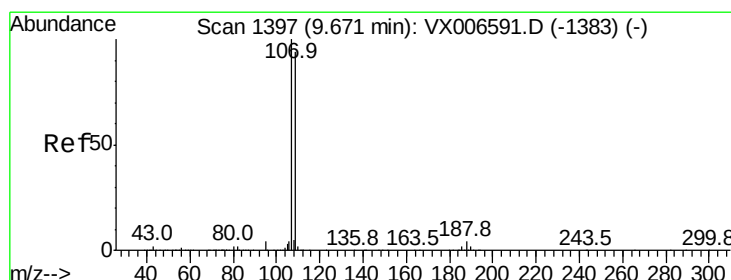
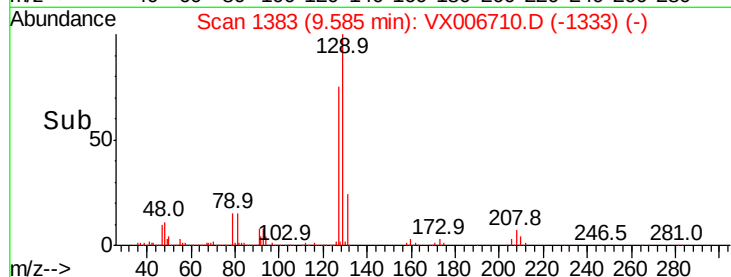
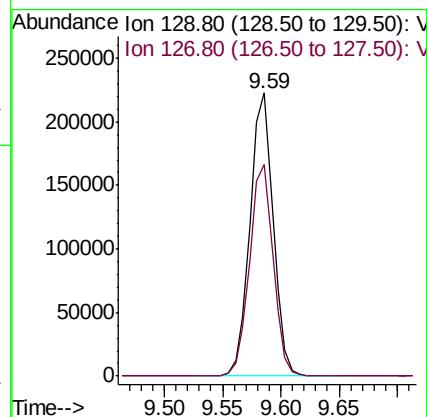
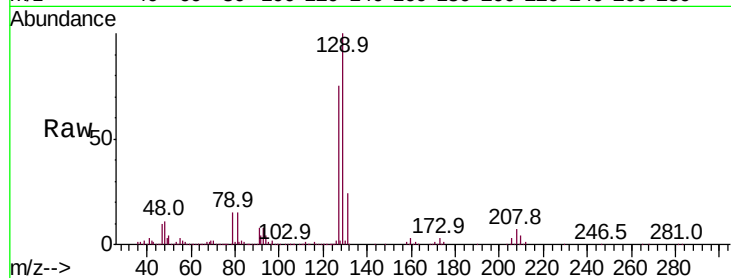
127 76.2 39.3 117.8

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 52.746 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006710.D

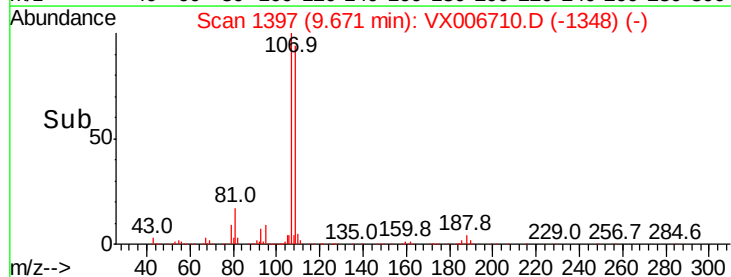
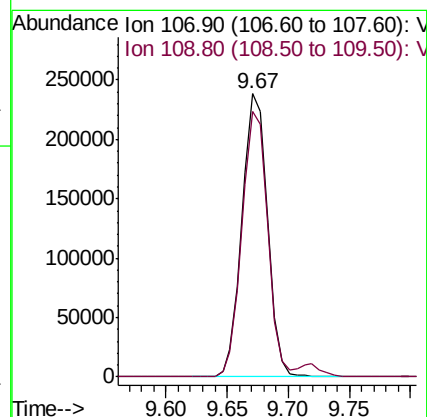
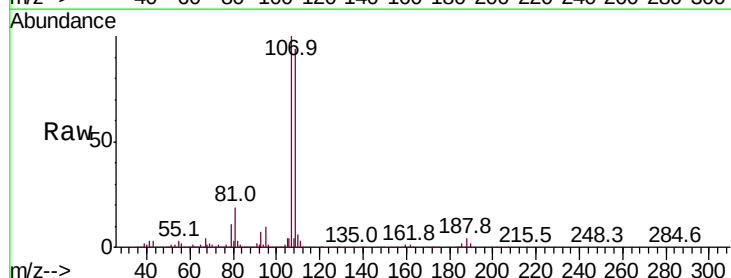
Acq: 21 Dec 2018 07:21

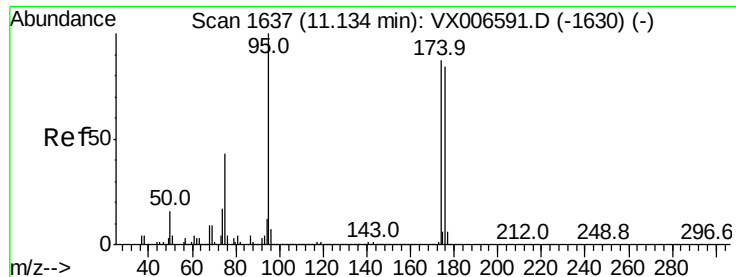
Tgt Ion:107 Resp: 343475

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 49.512 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

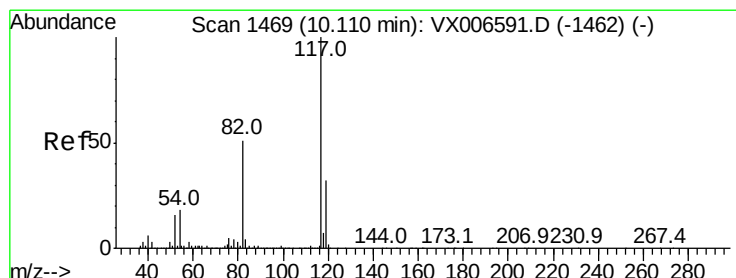
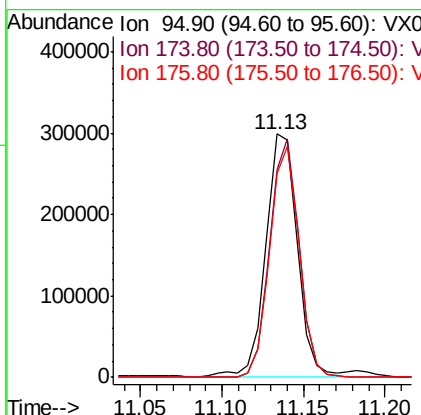
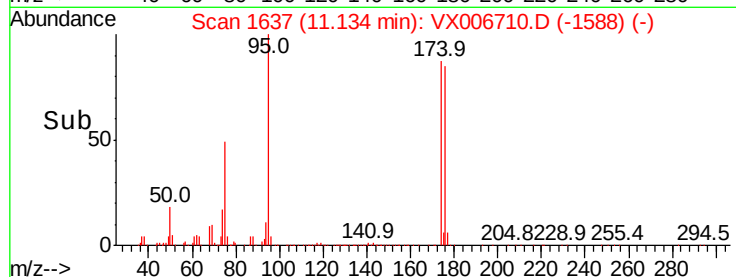
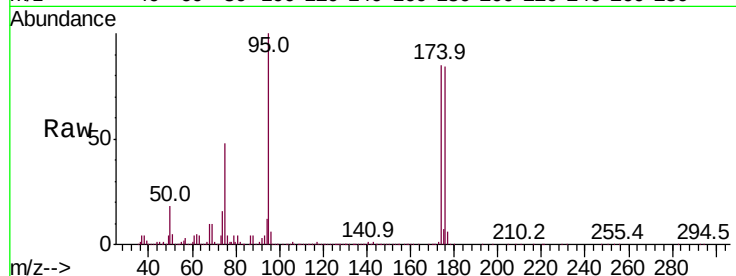
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	95	Resp:	397797
Ion Ratio	Lower	Upper	
95	100		
174	91.9	0.0	182.2
176	89.6	0.0	178.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

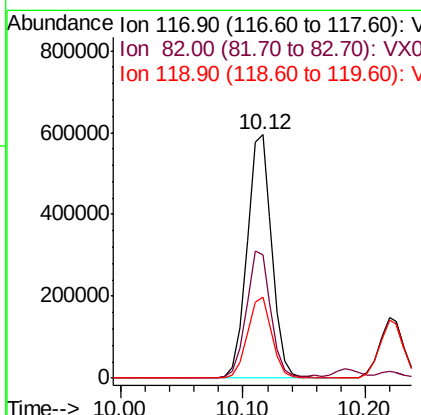
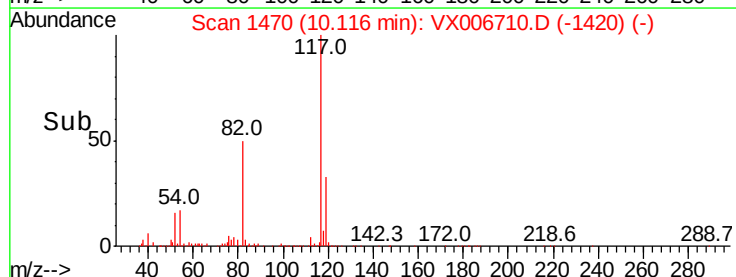
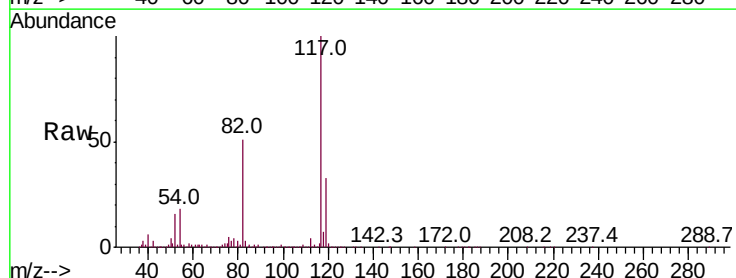
RT: 10.12 min Scan# 1470

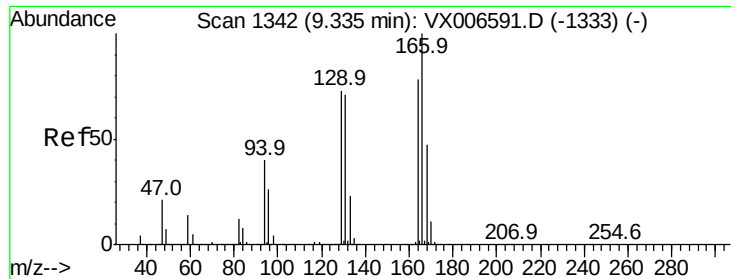
Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	117	Resp:	835392
Ion Ratio	Lower	Upper	
117	100		
82	50.5	41.0	61.6
119	33.2	25.4	38.0





#64

Tetrachloroethene

Concen: 44.714 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

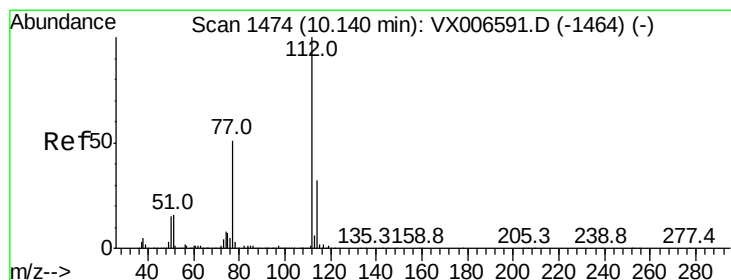
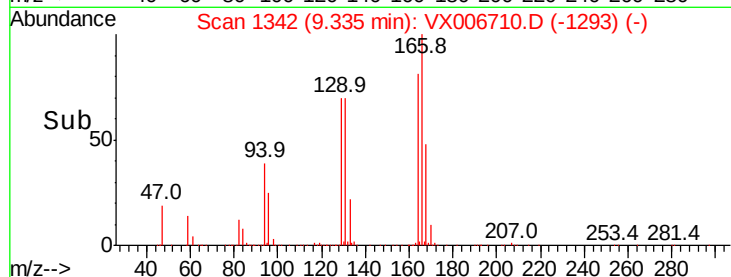
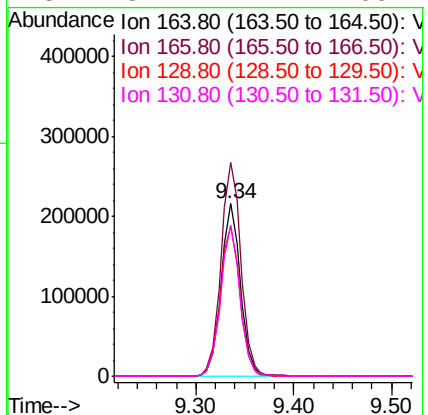
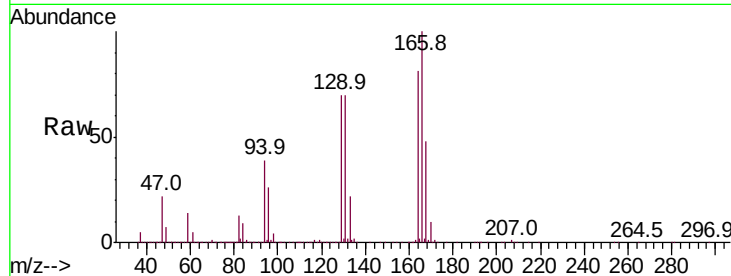
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.5	153.7
129	87.2	75.1	112.7
131	87.2	72.7	109.1

Manual Integrations
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#65

Chlorobenzene

Concen: 49.160 ug/l

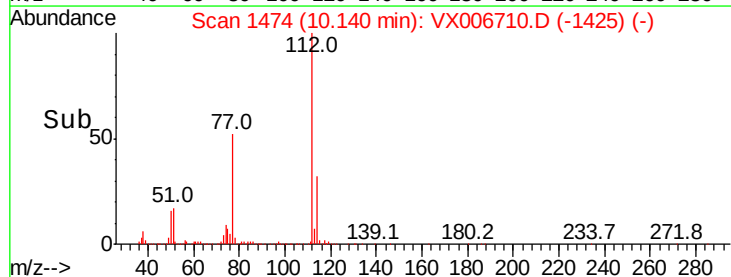
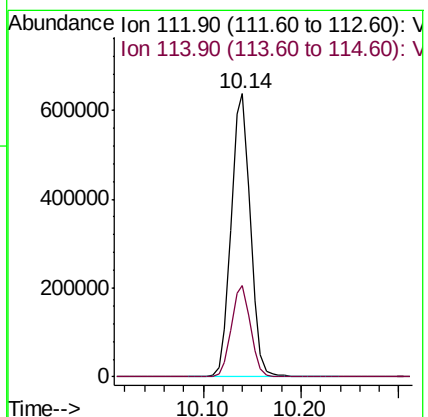
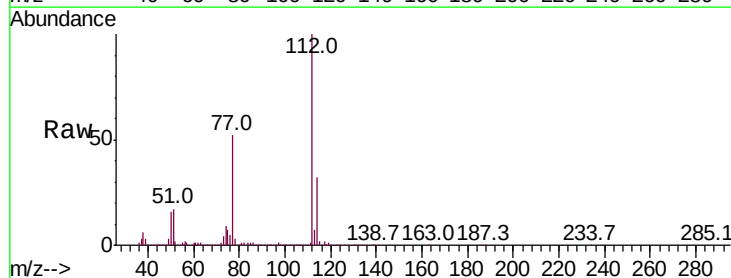
RT: 10.14 min Scan# 1474

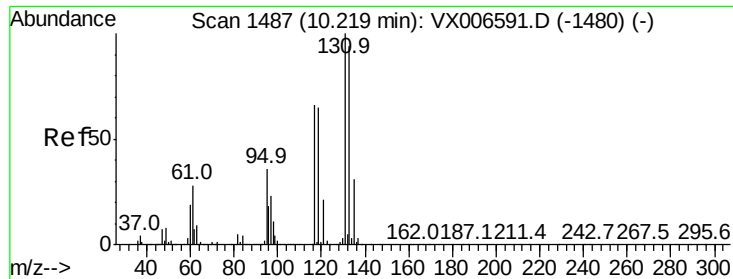
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 54.994 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

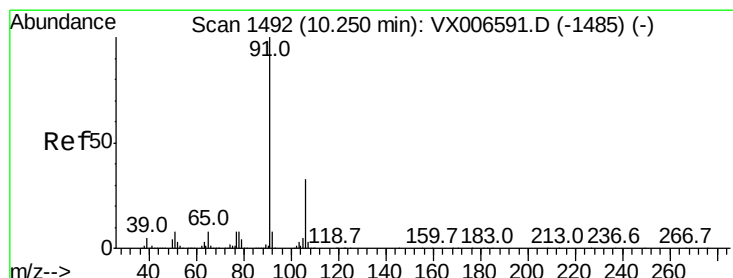
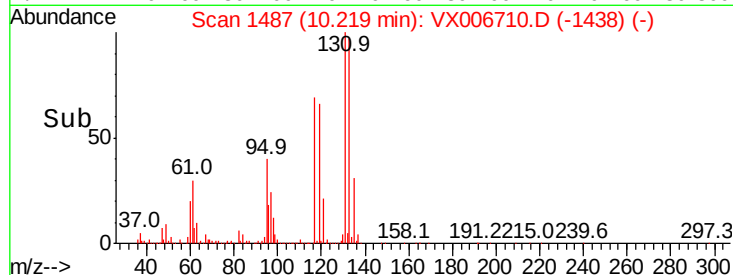
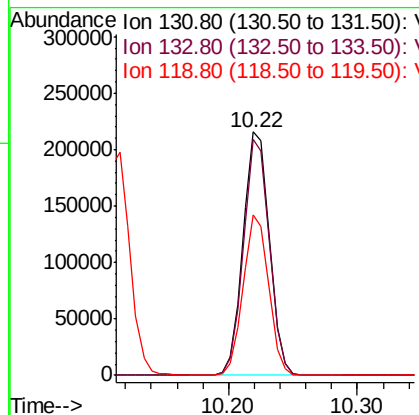
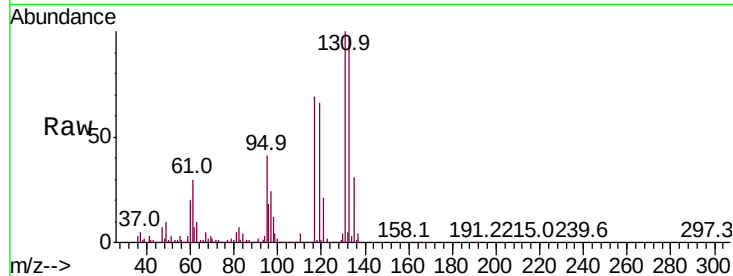
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	131	Resp:	303238
Ion Ratio	Lower	Upper	
131	100		
133	95.0	48.0	144.2
119	63.9	32.6	97.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.706 ug/l

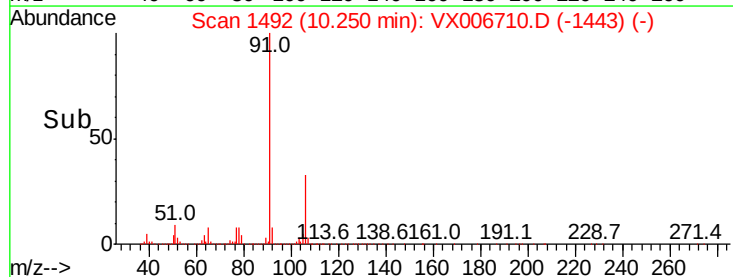
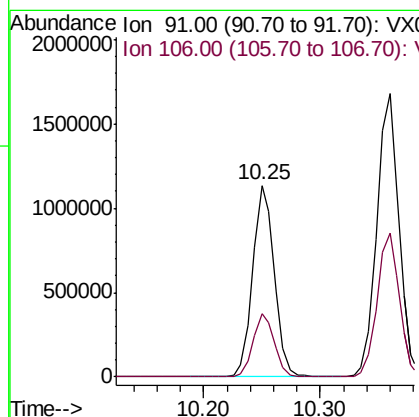
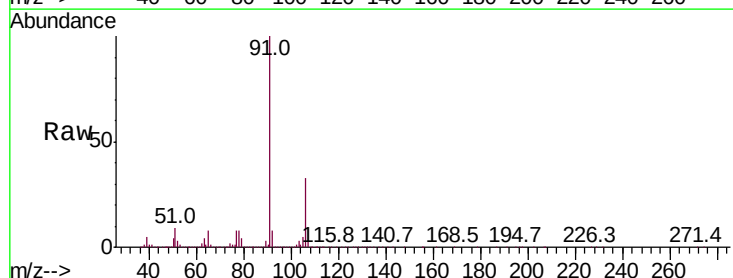
RT: 10.25 min Scan# 1492

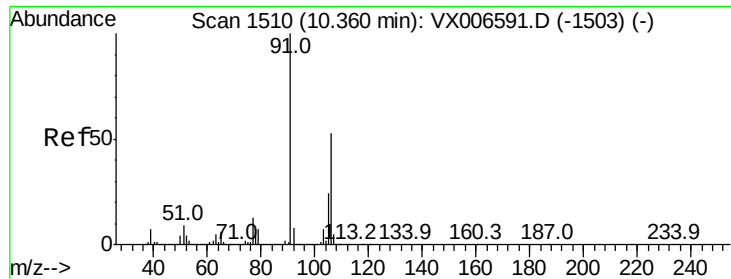
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	91	Resp:	1464361
Ion Ratio	Lower	Upper	
91	100		
106	33.3	26.4	39.6





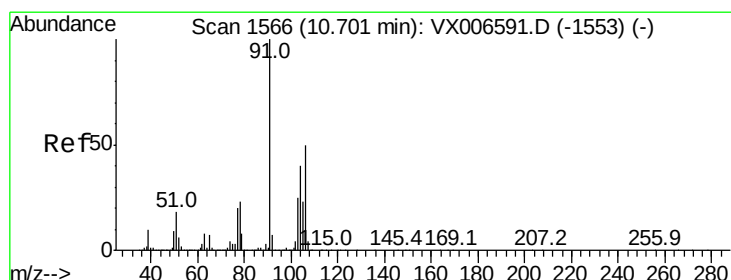
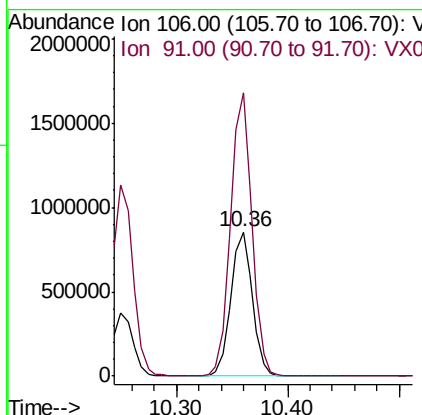
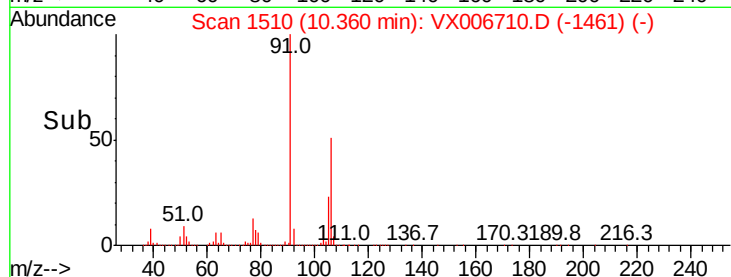
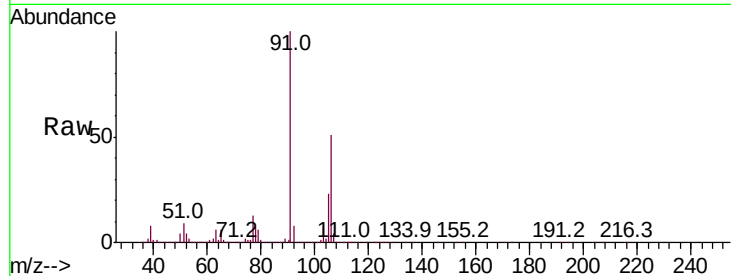
#68
m/p-Xylenes
Concen: 99.631 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion:106 Resp: 1135379
Ion Ratio Lower Upper
106 100
91 195.7 155.8 233.6

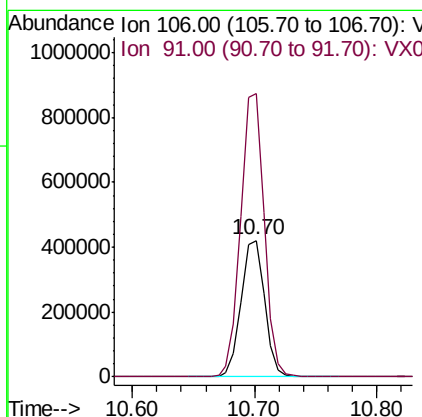
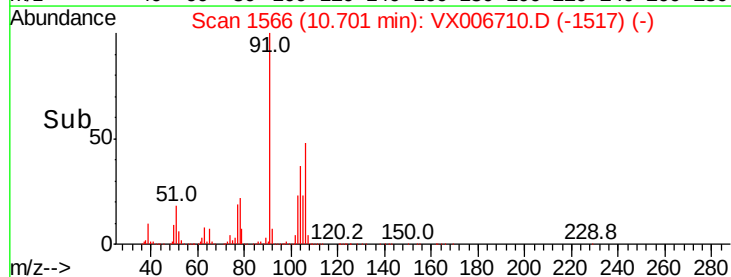
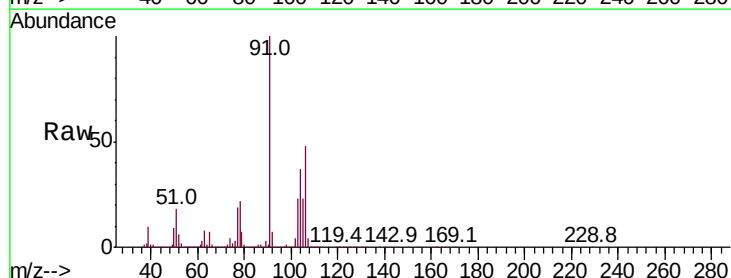
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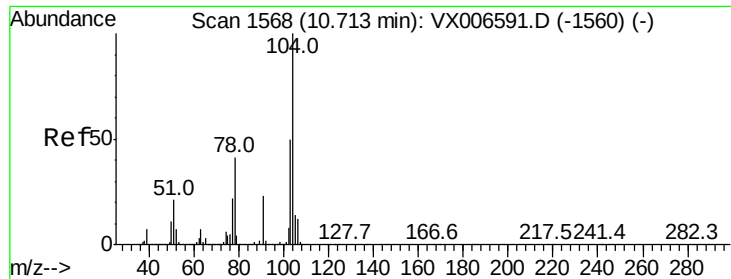
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#69
o-Xylene
Concen: 49.611 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion:106 Resp: 558283
Ion Ratio Lower Upper
106 100
91 207.6 101.3 303.7





#70

Stvrene

Concen: 50.287 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

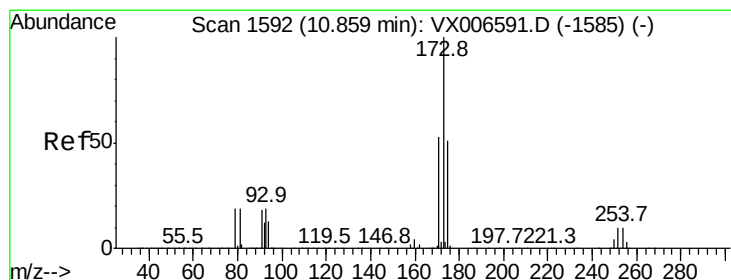
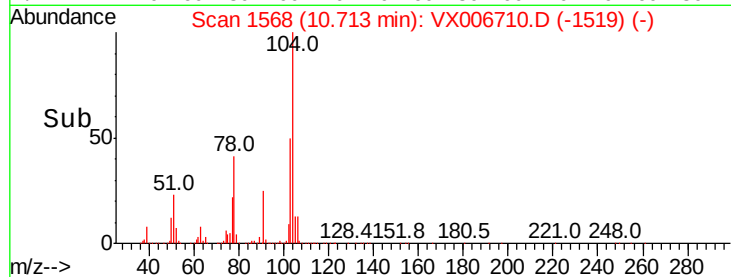
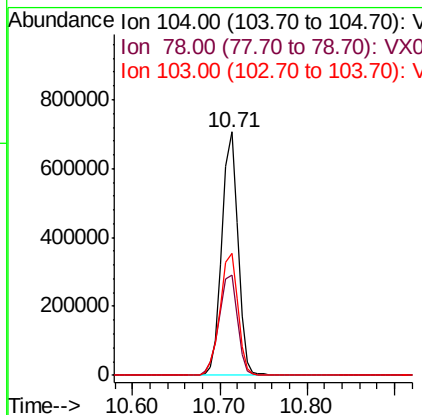
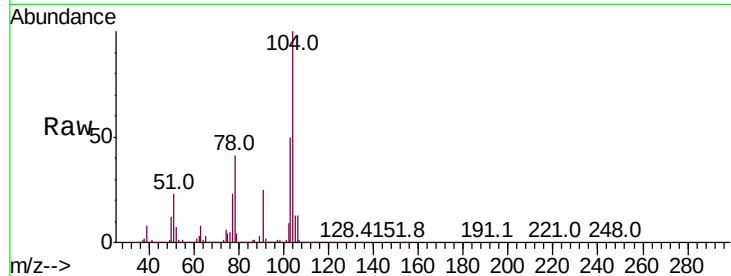
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	104	Resp:	895258
Ion Ratio	Lower	Upper	
104	100		
78	47.6	37.7	56.5
103	55.8	43.8	65.8

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#71

Bromoform

Concen: 45.522 ug/l

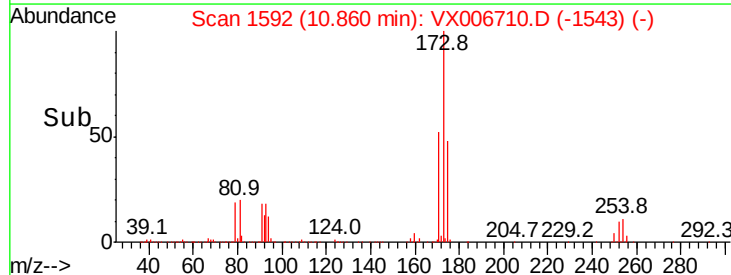
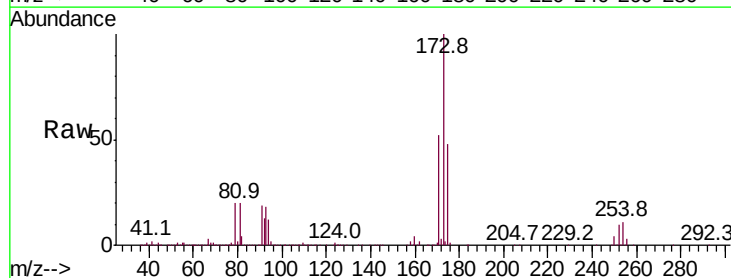
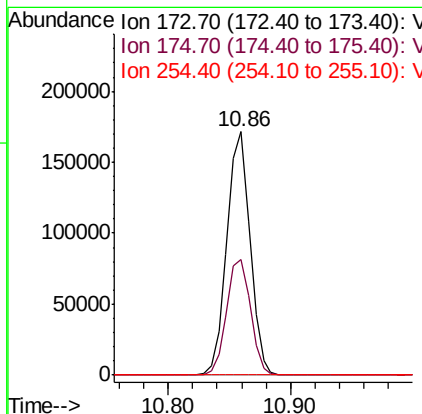
RT: 10.86 min Scan# 1592

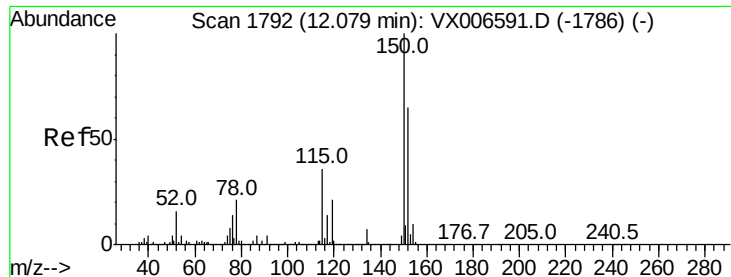
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	173	Resp:	224236
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.7	74.1
254	0.2	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: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:152 Resp: 423366

Ion Ratio Lower Upper

152 100

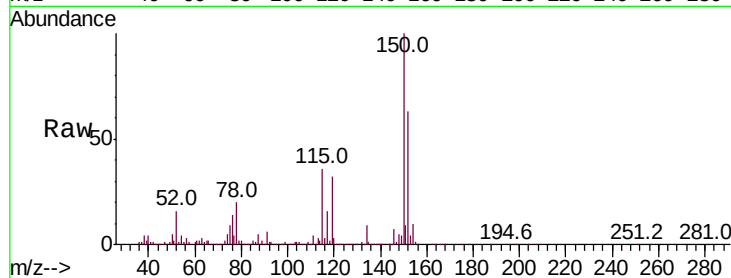
115 78.1 39.1 117.2

150 173.2 0.0 344.8

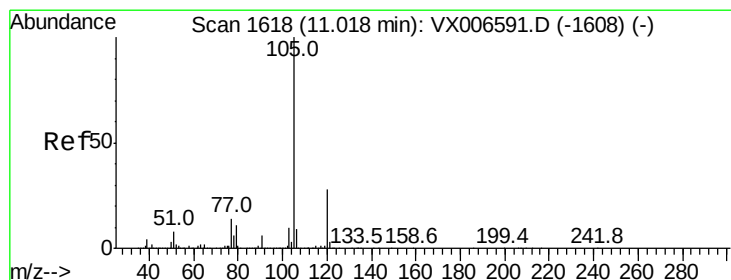
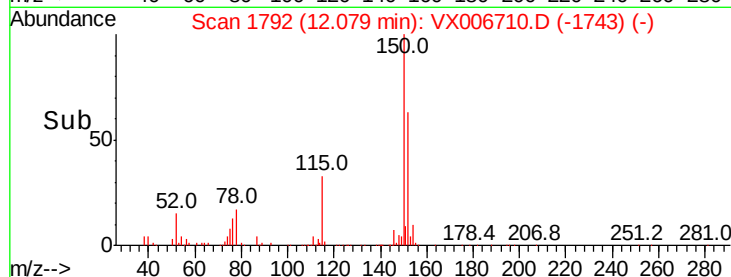
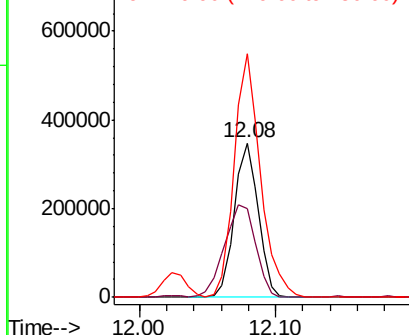
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 94.841 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006710.D

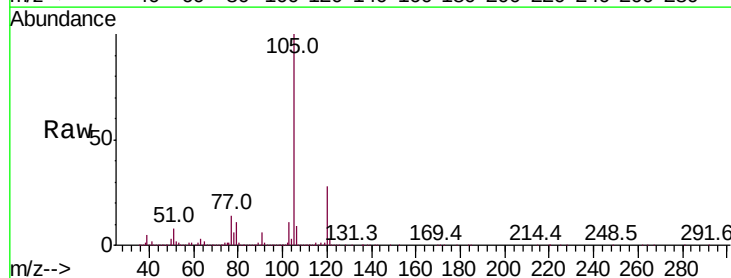
Acq: 21 Dec 2018 07:21

Tgt Ion:105 Resp: 2746918

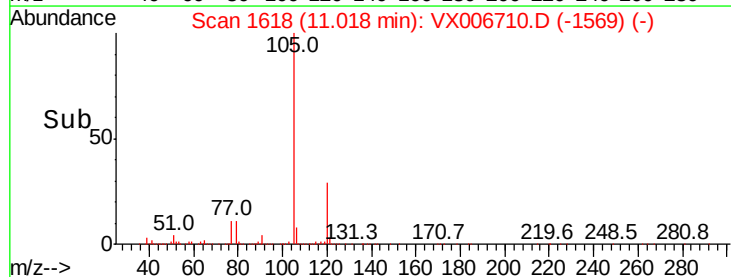
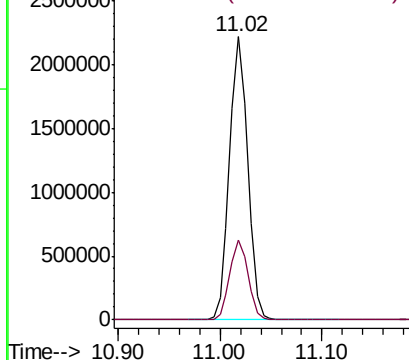
Ion Ratio Lower Upper

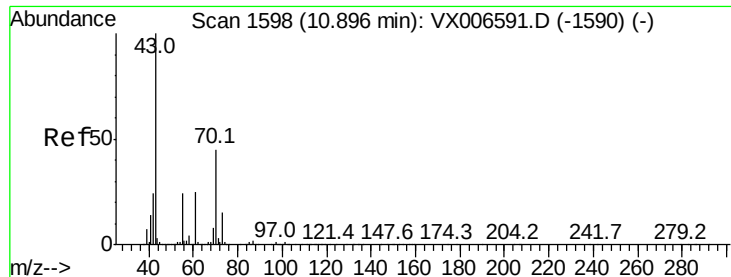
105 100

120 28.1 14.1 42.4



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





#74

N-amvl acetate

Concen: 50.309 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

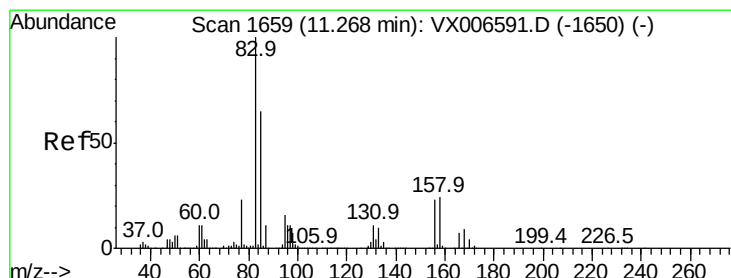
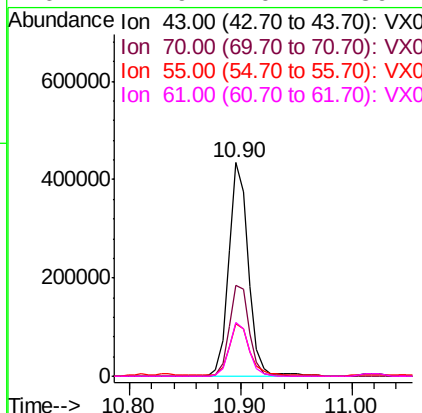
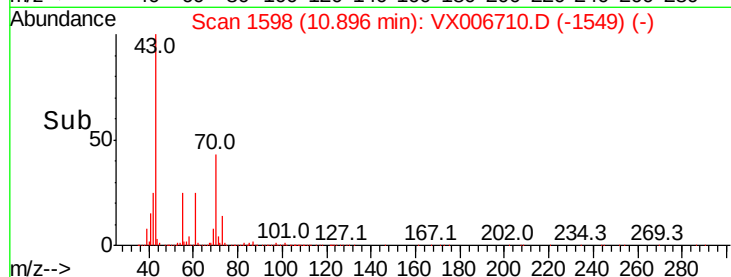
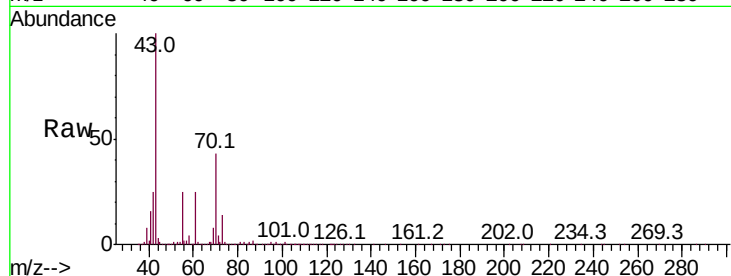
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	43.9	35.8	53.8
55	26.2	19.4	29.0
61	24.9	20.1	30.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.130 ug/l

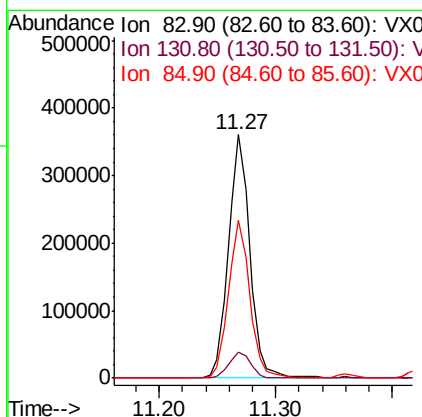
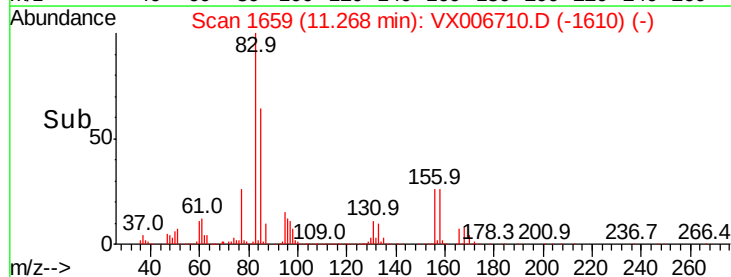
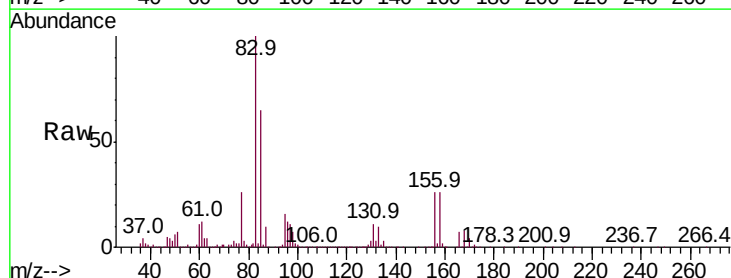
RT: 11.27 min Scan# 1659

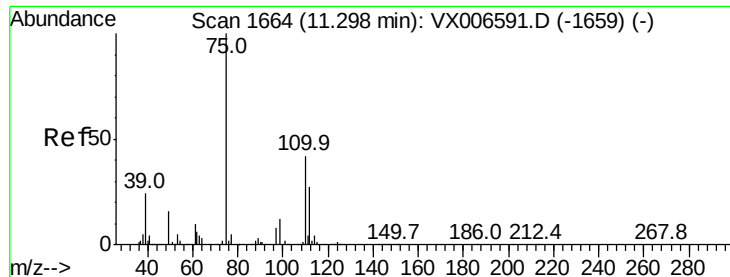
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.1
85	64.9	32.2	96.6





#76

1,2,3-Trichloropropane

Concen: 51.108 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 75 Resp: 402115

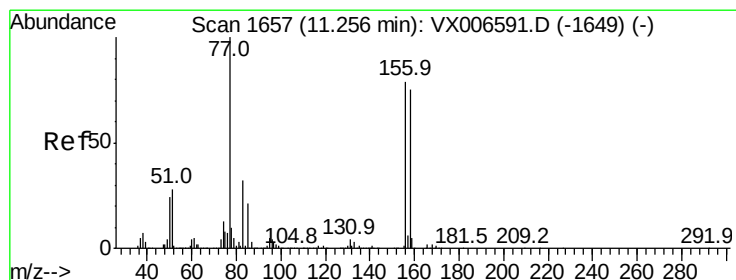
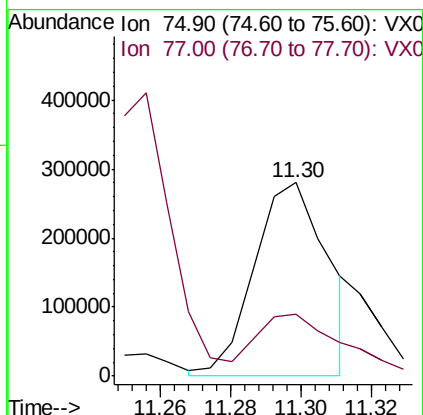
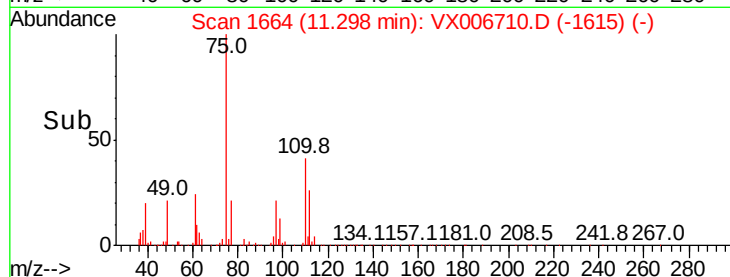
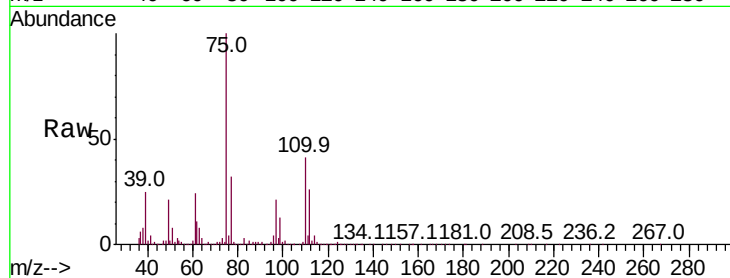
Ion Ratio Lower Upper

75 100

77 37.7 18.5 55.5

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#77

Bromobenzene

Concen: 51.219 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

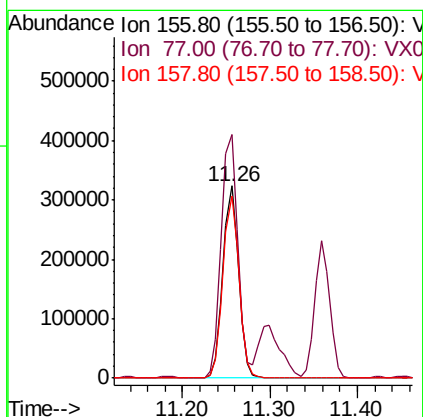
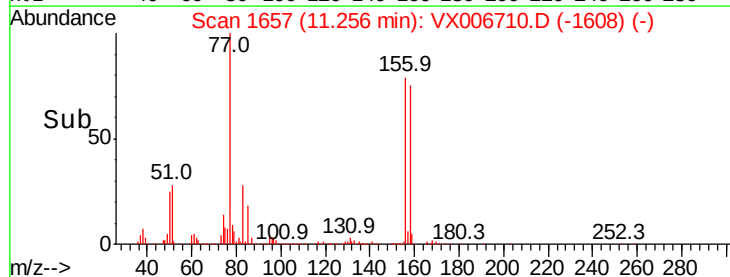
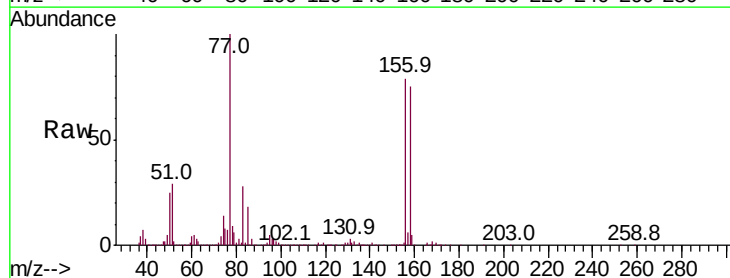
Tgt Ion: 156 Resp: 401066

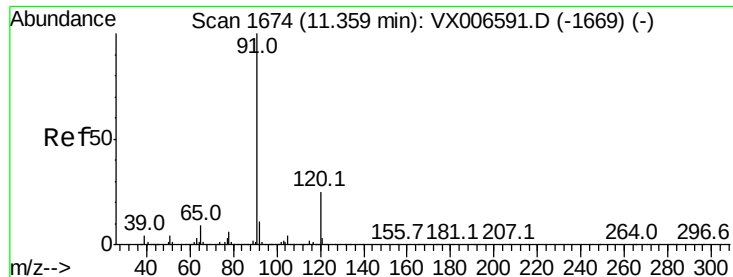
Ion Ratio Lower Upper

156 100

77 134.4 68.0 204.0

158 96.8 48.3 144.8





#78

n-propylbenzene

Concen: 220.344 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 91 Resp: 7027768

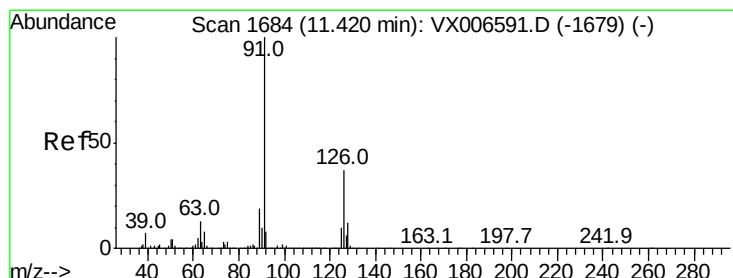
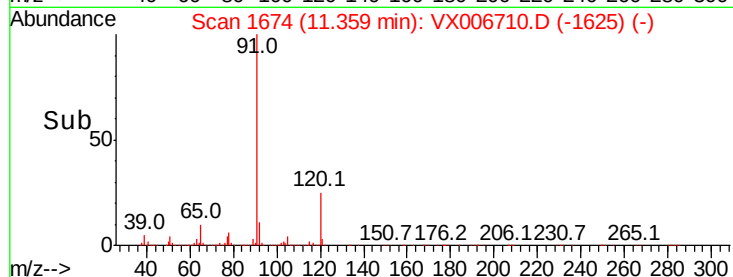
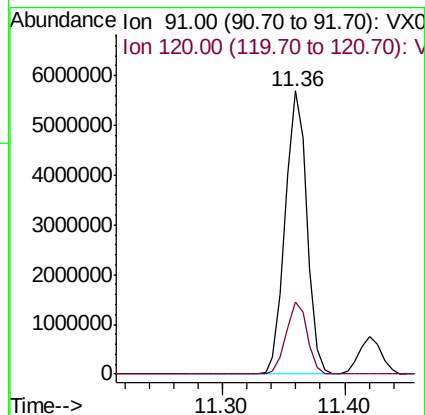
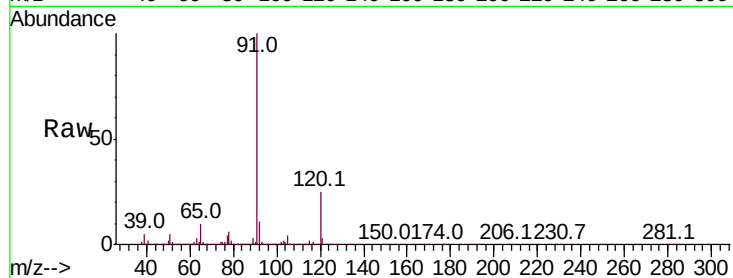
Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0

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#79

2-Chlorotoluene

Concen: 49.321 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006710.D

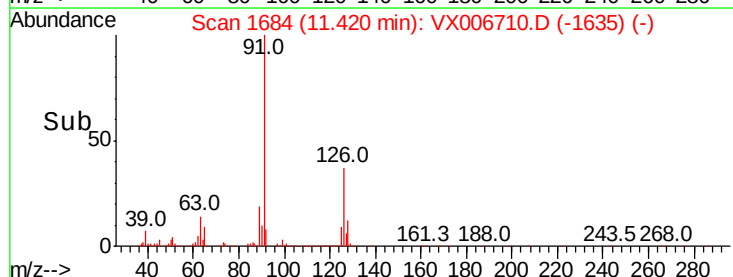
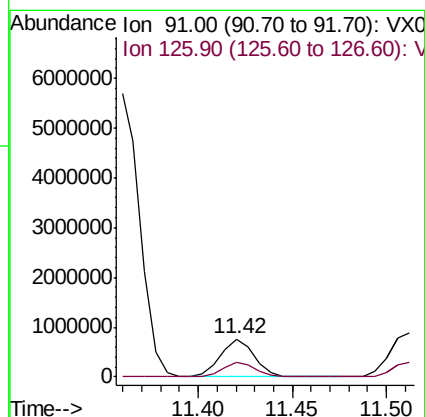
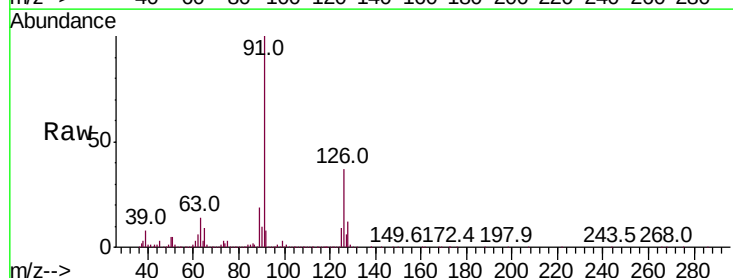
Acq: 21 Dec 2018 07:21

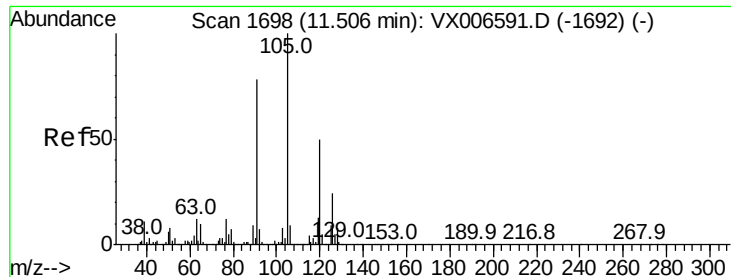
Tgt Ion: 91 Resp: 953298

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0





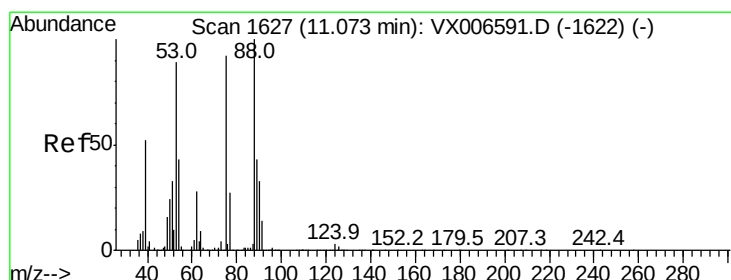
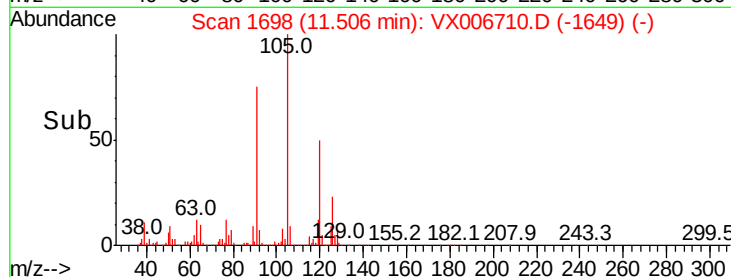
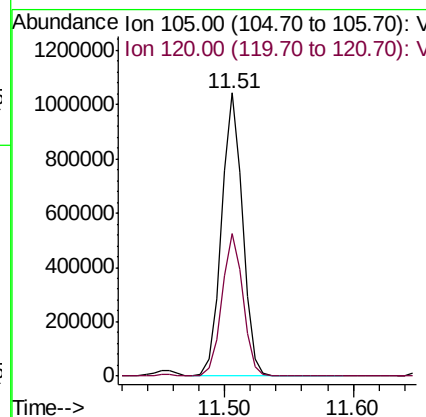
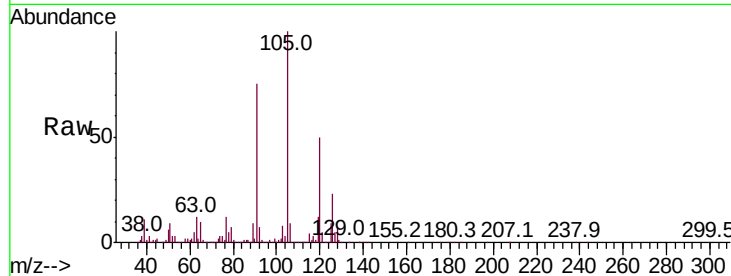
#80
 1,3,5-Trimethylbenzene
 Concen: 50.192 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion:105 Resp: 1197377
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.3

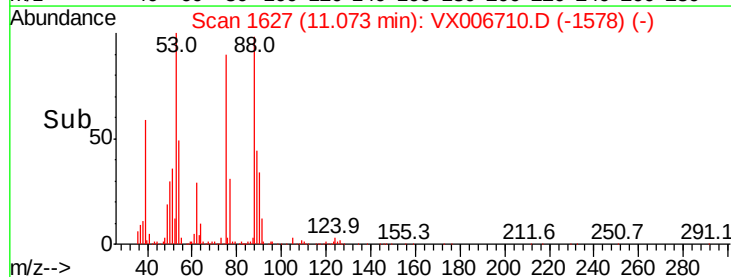
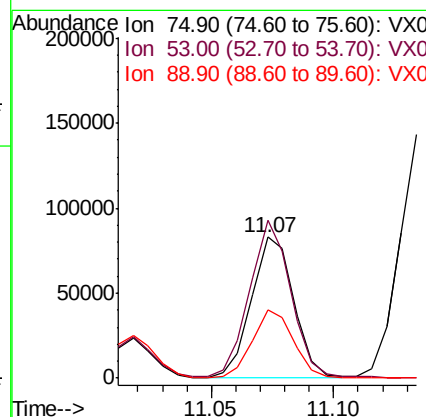
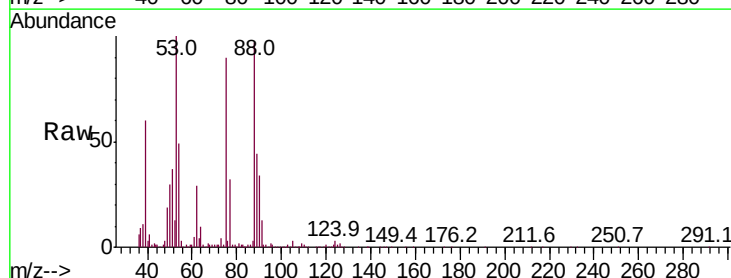
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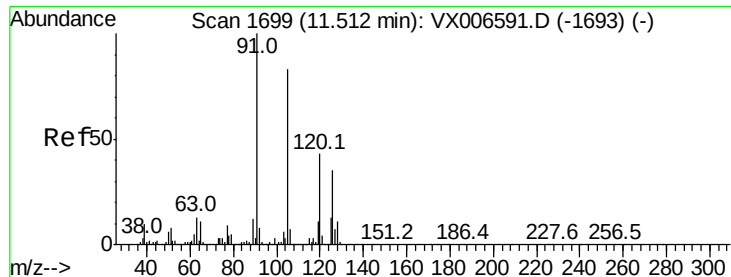
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.611 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 75 Resp: 99923
 Ion Ratio Lower Upper
 75 100
 53 108.2 79.7 119.5
 89 46.9 38.0 57.0





#82

4-Chlorotoluene

Concen: 49.710 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion: 91 Resp: 1102107

Ion Ratio Lower Upper

91 100

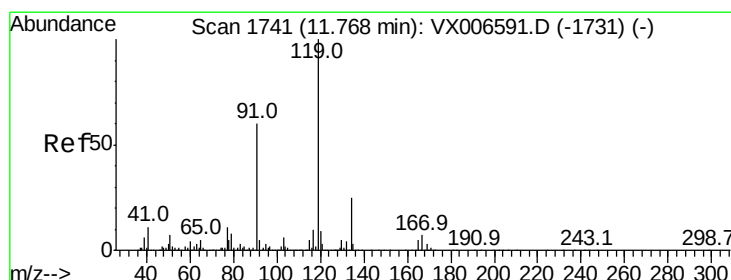
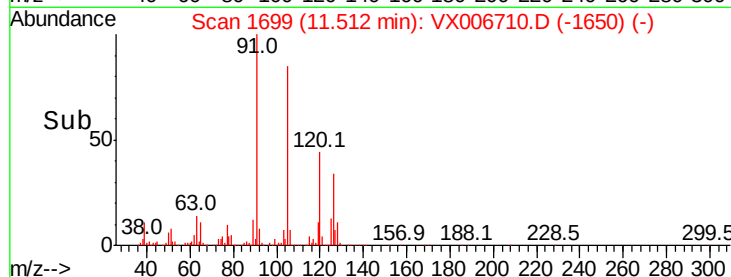
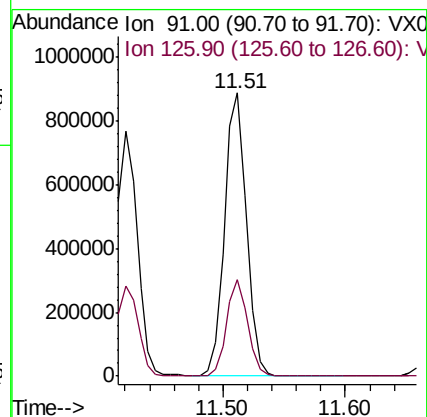
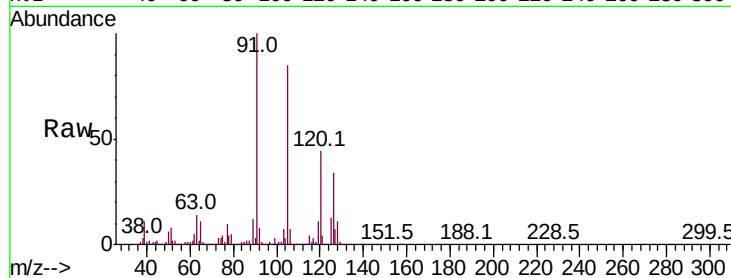
126 32.4 16.3 48.9

Manual Integrations

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#83

tert-Butylbenzene

Concen: 55.370 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

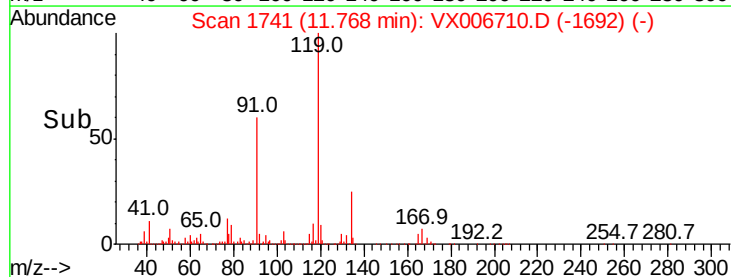
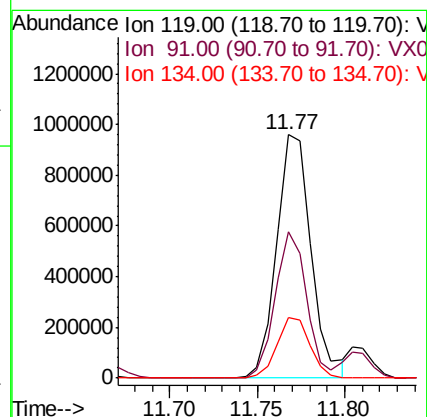
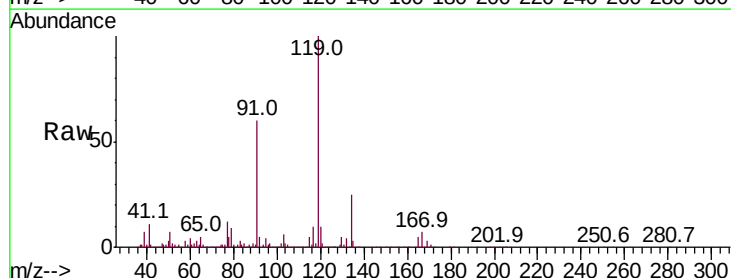
Tgt Ion: 119 Resp: 1322035

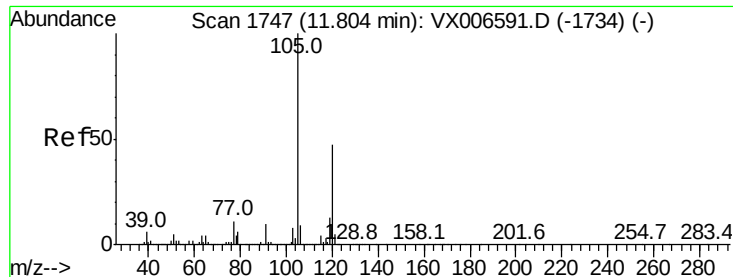
Ion Ratio Lower Upper

119 100

91 54.4 27.7 83.1

134 23.8 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 48.957 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:105 Resp: 1228460

Ion Ratio Lower Upper

105 100

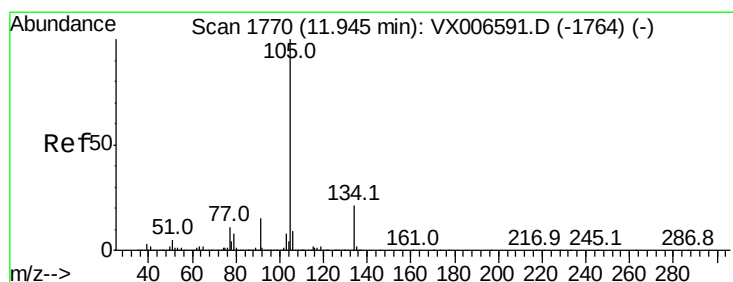
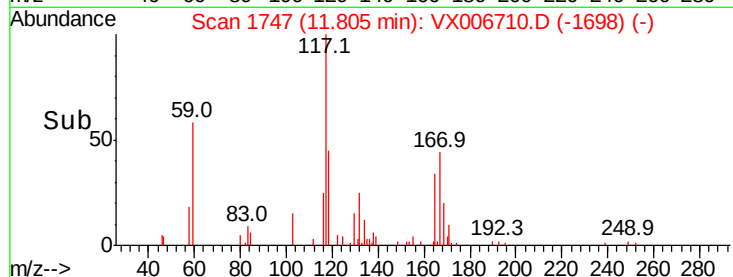
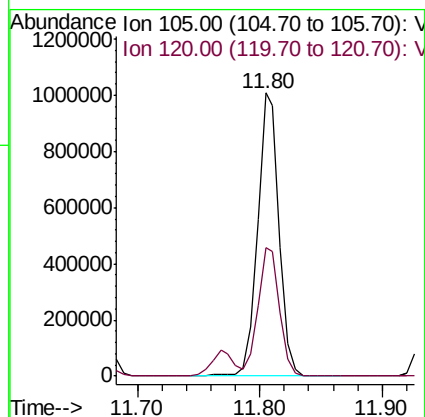
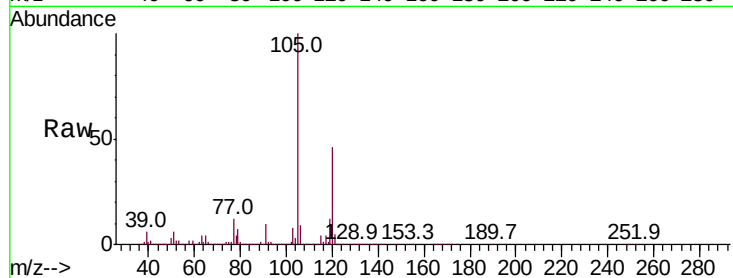
120 45.8 23.2 69.6

Manual Integrations

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#85

sec-Butylbenzene

Concen: 64.993 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006710.D

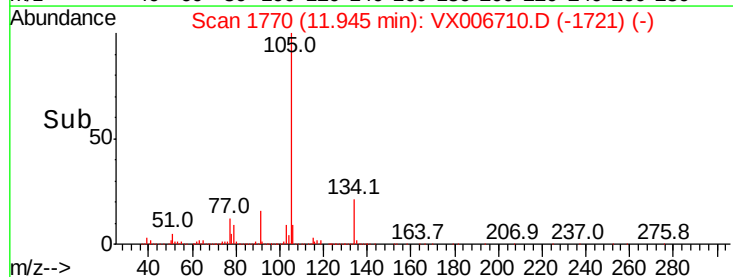
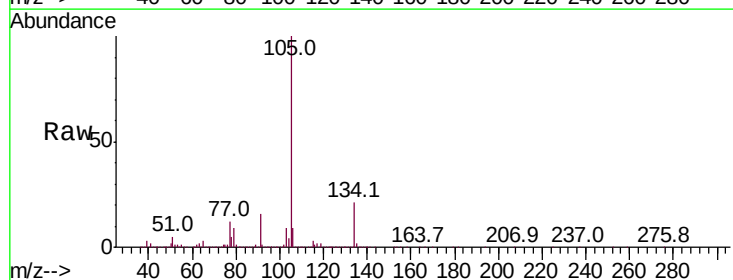
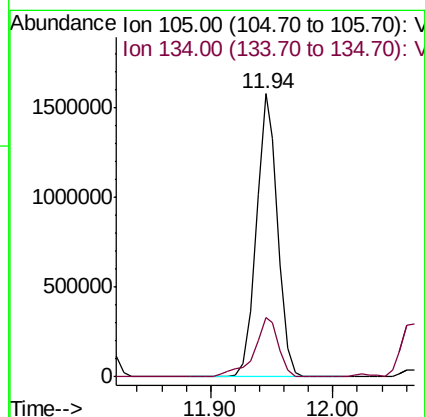
Acq: 21 Dec 2018 07:21

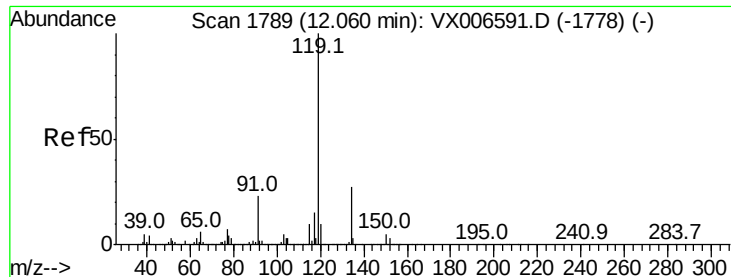
Tgt Ion:105 Resp: 1902576

Ion Ratio Lower Upper

105 100

134 24.4 10.7 31.9





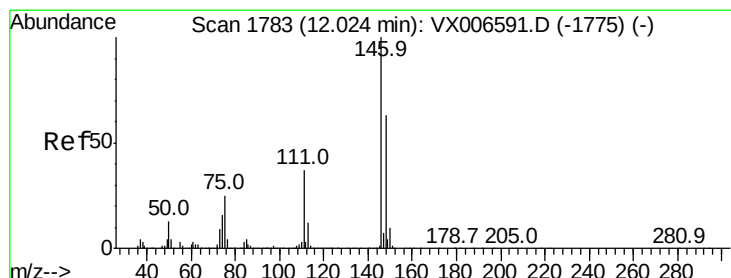
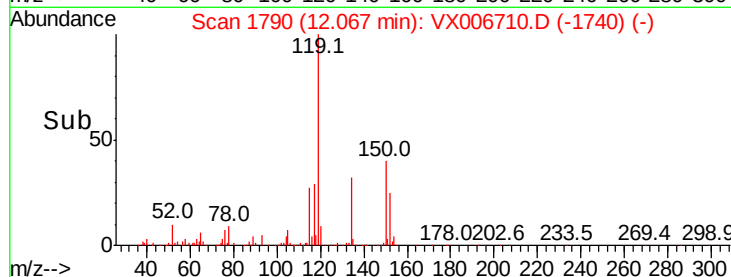
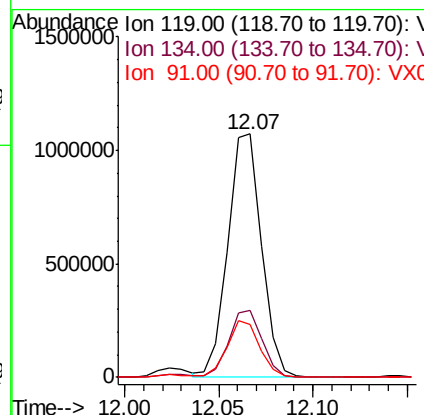
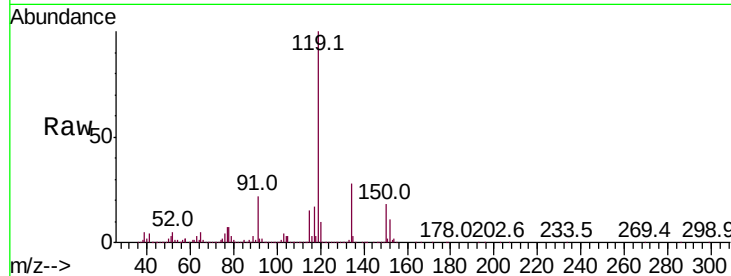
#86
 p-Isopropyltoluene
 Concen: 51.685 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	14.0	41.9
91	22.4	11.3	33.9

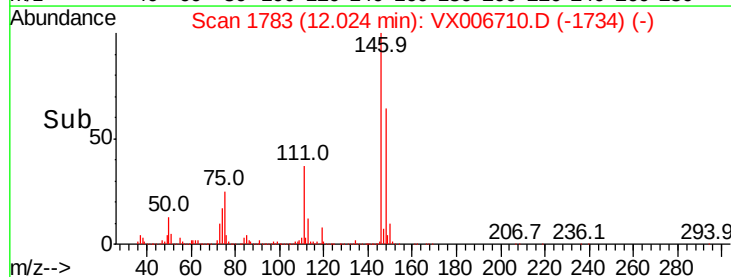
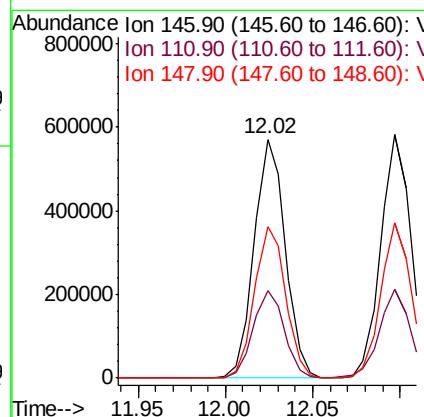
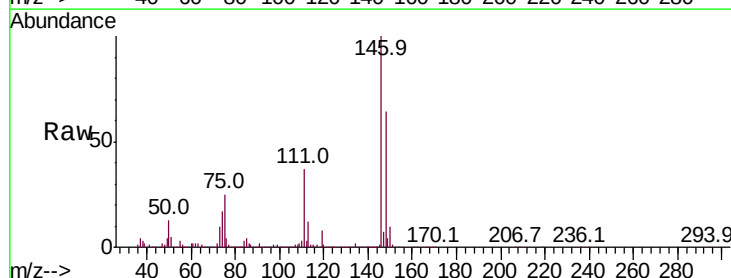
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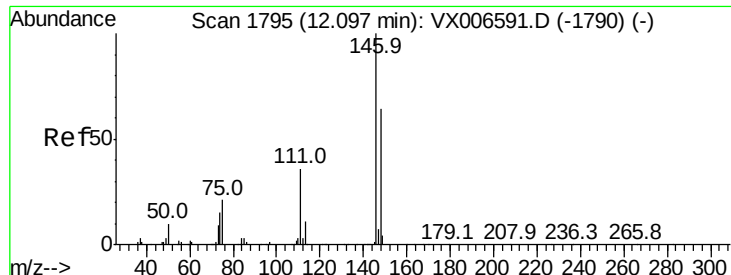
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 50.038 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.8
148	63.6	31.8	95.3





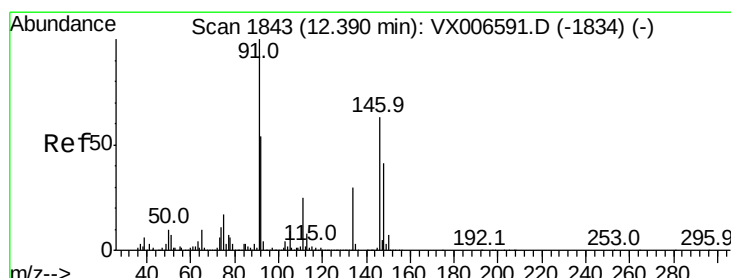
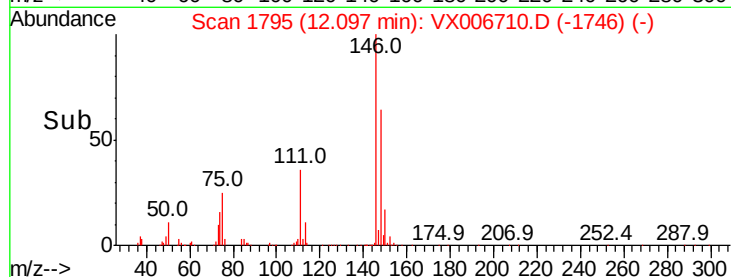
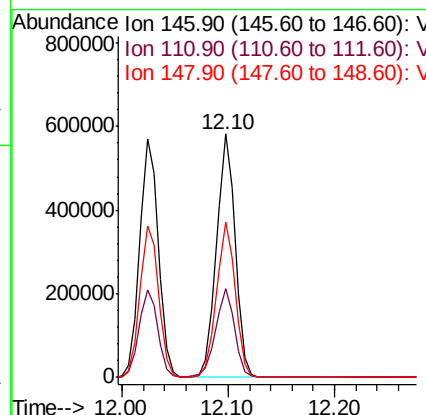
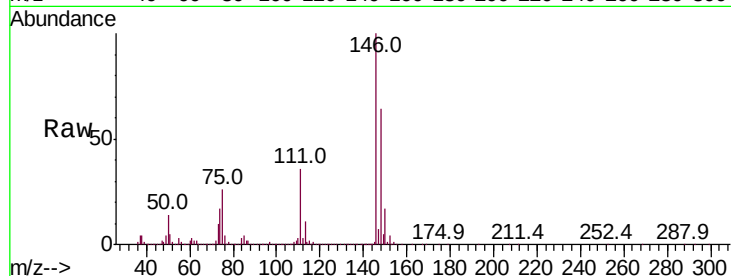
#88
 1,4-Dichlorobenzene
 Concen: 48.382 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	31.9	95.9

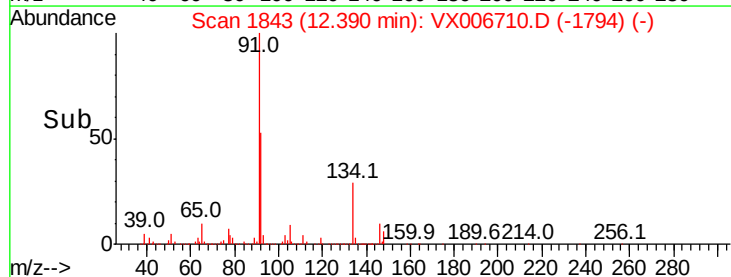
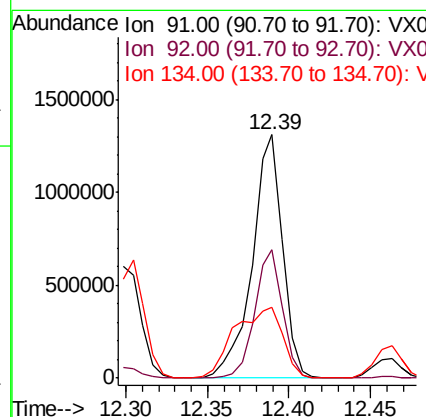
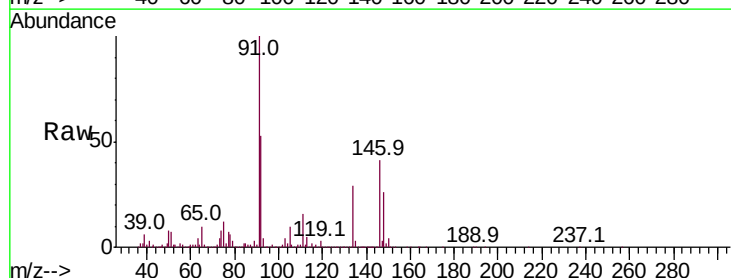
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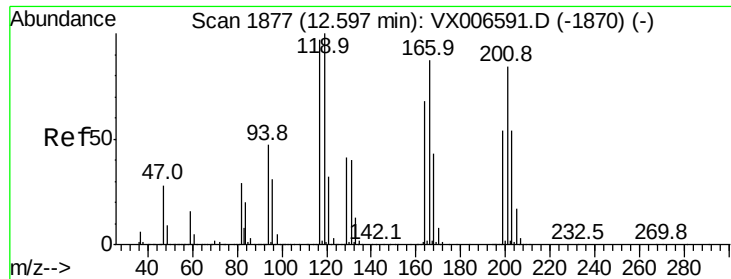
MMDadoda
 12/21/2018 10:19:58 AM



#89
 n-Butylbenzene
 Concen: 77.710 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.8	80.4
134	45.9	14.4	43.2#





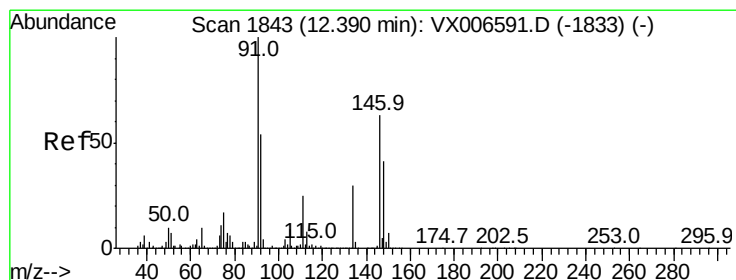
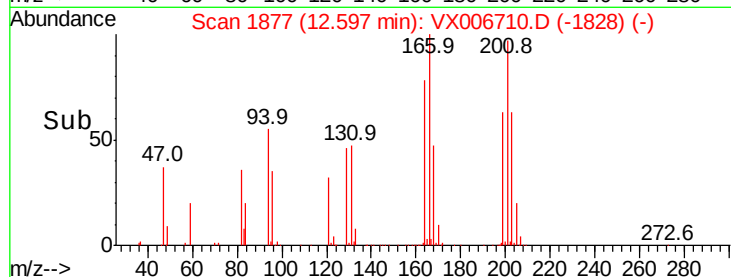
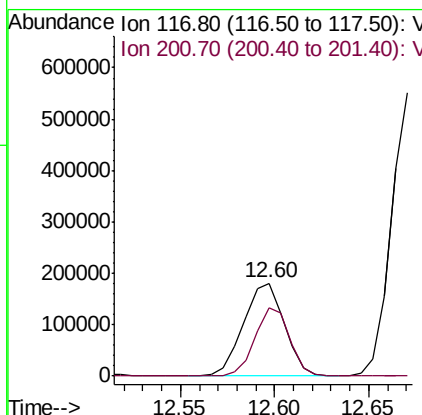
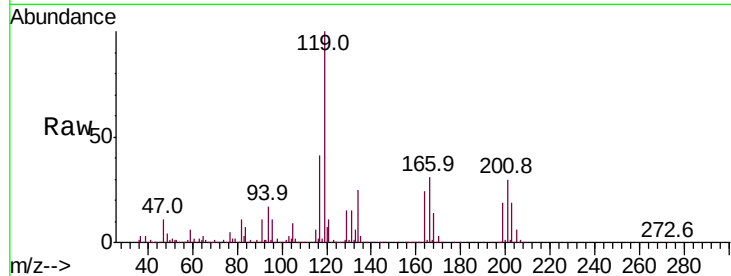
#90
Hexachloroethane
Concen: 66.286 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MSD

Tot Ion:117 Resp: 271577
Ion Ratio Lower Upper
117 100
201 62.7 42.9 128.7

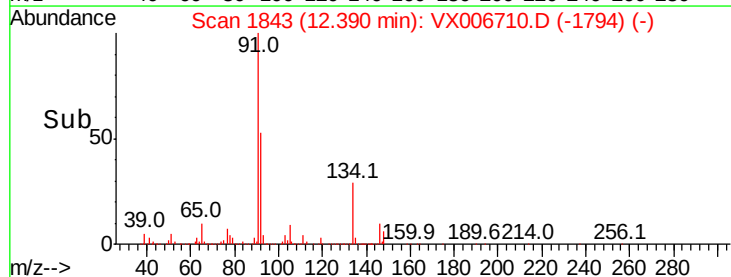
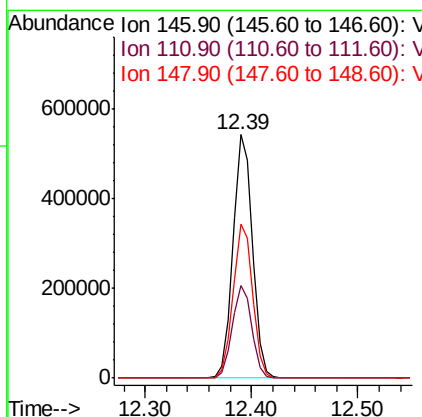
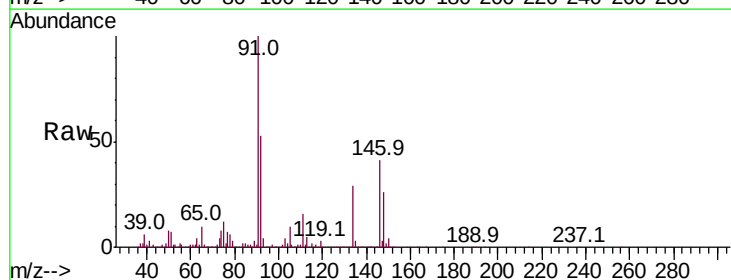
Manual Integrations
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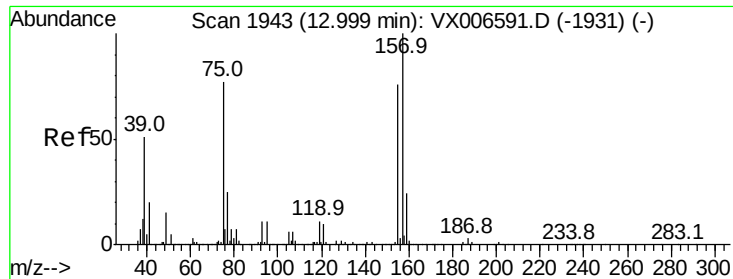
MMDadoda
12/21/2018 10:19:58 AM



#91
1,2-Dichlorobenzene
Concen: 49.192 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion:146 Resp: 694451
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.2
148 63.7 32.3 96.9





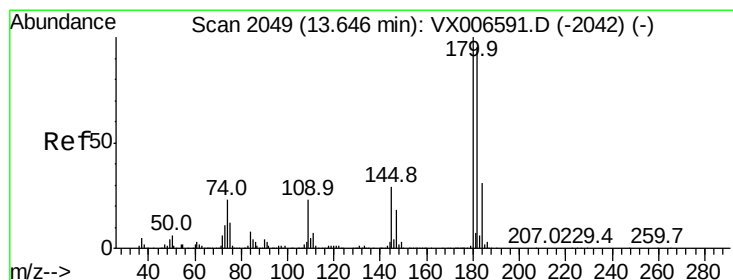
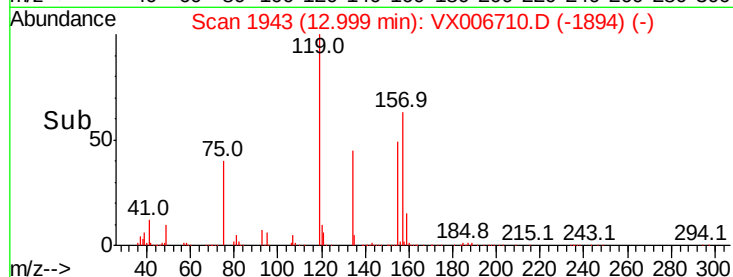
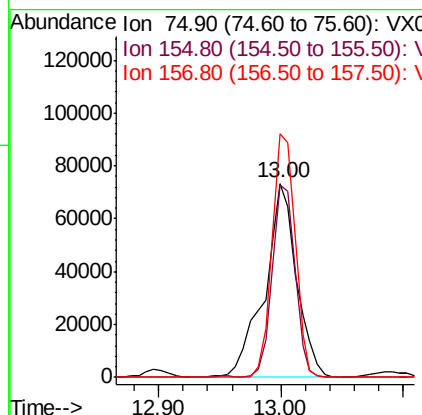
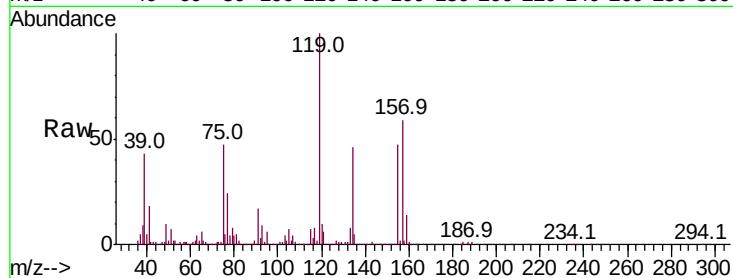
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.227 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	71.4	50.6	151.8
157	91.3	64.6	193.8

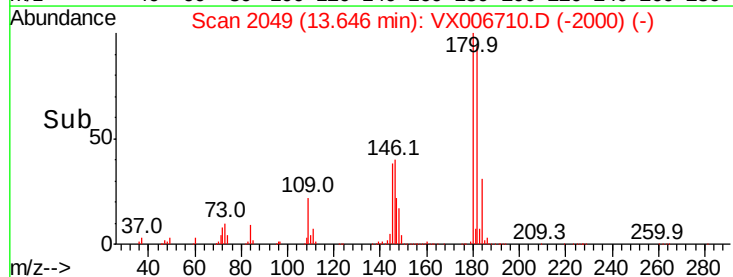
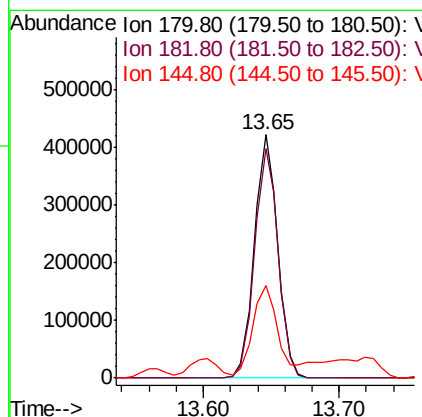
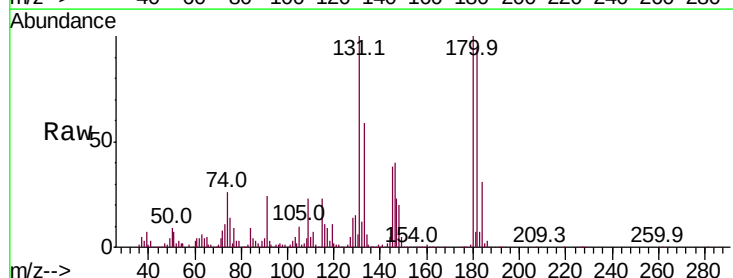
Manual Integrations
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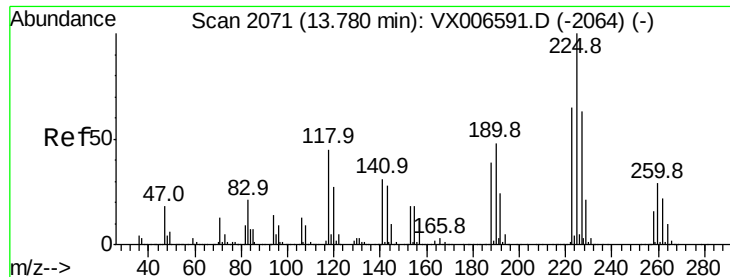
MMDadoda
 12/21/2018 10:19:58 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 52.245 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	41.7	14.8	44.3





#94

Hexachlorobutadiene

Concen: 51.454 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

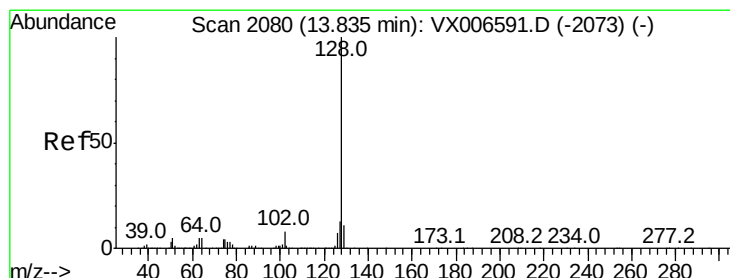
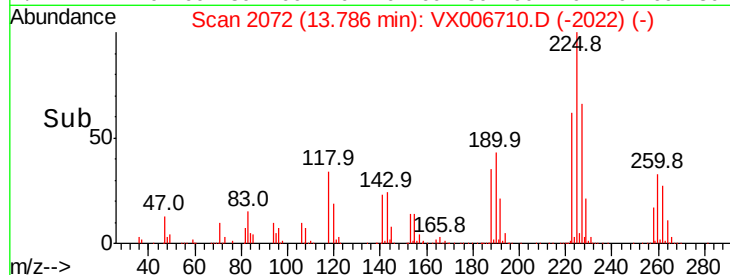
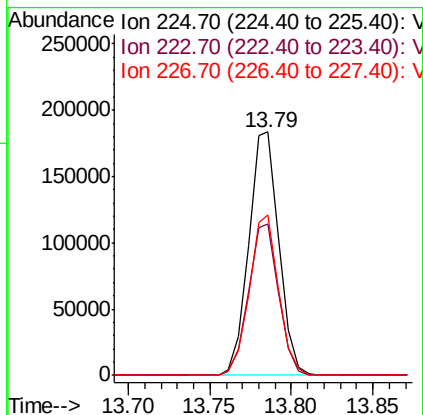
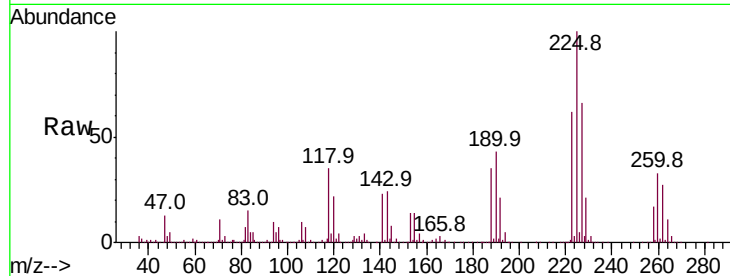
ClientSampleId :

T3-MW-2-9.0-121918MSD

Tot Ion:	225	Resp:	236170
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.1	96.3
227	63.9	32.3	96.8

Manual Integrations
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12/21/2018 10:19:58 AM



#95

Naphthalene

Concen: 52.963 ug/l

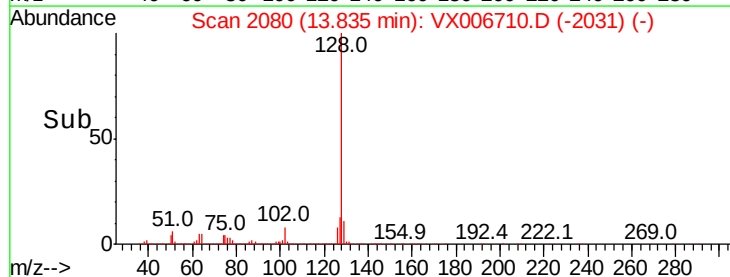
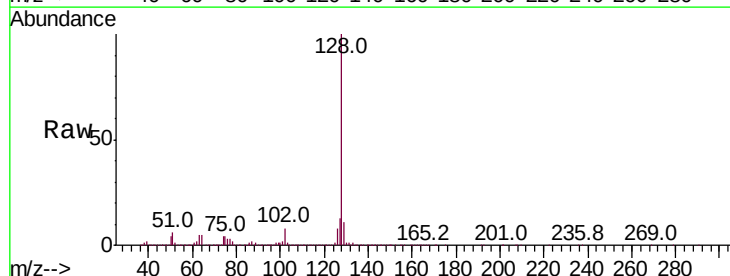
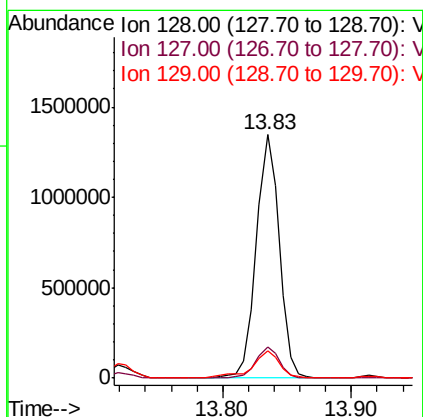
RT: 13.83 min Scan# 2080

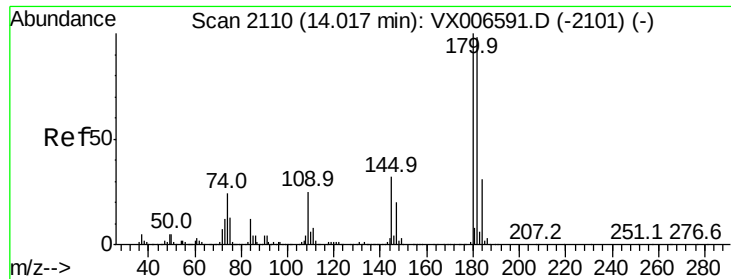
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	128	Resp:	1646109
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.1	15.1
129	13.4	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 51.685 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	48.5	145.5
145	35.9	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:58 AM

