

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006108.D
 Acq On : 20 Nov 2018 18:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda

11/21/2018 10:37:18 AM

Quant Time: Nov 21 08:12:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187425	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.50	113	152180	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.71	98	580282	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	215350	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114474	49.03	ug/l	100
3) Chloromethane	1.32	50	144177	48.89	ug/l	100
4) Vinyl Chloride	1.41	62	143416	47.81	ug/l	100
5) Bromomethane	1.64	94	107305	51.60	ug/l	100
6) Chloroethane	1.71	64	83109	44.97	ug/l	100
7) Trichlorofluoromethane	1.92	101	192228	48.99	ug/l	100
8) Diethyl Ether	2.19	74	78599	47.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112890	48.51	ug/l	100
10) Methyl Iodide	2.51	142	155345	53.25	ug/l	100
11) Tert butyl alcohol	3.08	59	192277	248.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109238	48.16	ug/l	100
13) Acrolein	2.29	56	110632	238.75	ug/l	100
14) Allyl chloride	2.73	41	228002	49.13	ug/l	100
15) Acrylonitrile	3.15	53	424020	247.90	ug/l	100
16) Acetone	2.45	43	381794	236.35	ug/l	100
17) Carbon Disulfide	2.57	76	299754	48.94	ug/l	100
18) Methyl Acetate	2.78	43	209452	50.56	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	387284	49.39	ug/l	100
20) Methylene Chloride	2.85	84	124936	46.94	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	116905	49.26	ug/l	100
22) Diisopropyl ether	3.87	45	524401	52.78	ug/l	100
23) Vinyl Acetate	3.82	43	2211359	268.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235770	50.37	ug/l	100
25) 2-Butanone	4.70	43	757245	252.55	ug/l	100
26) 2,2-Dichloropropane	4.58	77	191299	49.59	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	165529	49.90	ug/l	100
28) Bromochloromethane	5.02	49	142904	52.38	ug/l	100
29) Tetrahydrofuran	5.15	42	493289	263.73	ug/l	100
30) Chloroform	5.21	83	278255	49.06	ug/l	100
31) Cyclohexane	5.57	56	248244	50.77	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	233017	50.88	ug/l	100
36) 1,1-Dichloropropene	5.80	75	209565	49.65	ug/l	100
37) Ethyl Acetate	4.85	43	268665	49.47	ug/l	100
38) Carbon Tetrachloride	5.78	117	201399	50.76	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243765	50.69	ug/l	100
40) Benzene	6.14	78	623537	50.14	ug/l	100
41) Methacrylonitrile	5.06	41	151296	50.56	ug/l	100
42) 1,2-Dichloroethane	6.20	62	228073	49.06	ug/l	100
43) Isopropyl Acetate	6.46	43	401387	51.18	ug/l	100
44) Trichloroethene	7.21	130	173889	50.31	ug/l	100
45) 1,2-Dichloropropane	7.52	63	165803	50.38	ug/l	100
46) Dibromomethane	7.66	93	110753	49.14	ug/l	100
47) Bromodichloromethane	7.90	83	209291	50.21	ug/l	100
48) Methyl methacrylate	7.77	41	213859	53.77	ug/l	100
49) 1,4-Dioxane	7.75	88	97682	1035.18	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1477858	262.86	ug/l	100
52) Toluene	8.79	92	392703	51.06	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	224454	51.60	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	249174	51.82	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	163293	49.02	ug/l	100
56) Ethyl methacrylate	9.18	69	247936	54.21	ug/l	100
57) 1,3-Dichloropropane	9.37	76	273147	49.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	716861	272.71	ug/l	100
59) 2-Hexanone	9.49	43	1180585	264.60	ug/l	100
60) Dibromochloromethane	9.59	129	166384	50.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173069	50.43	ug/l	100
64) Tetrachloroethene	9.34	164	181212	50.78	ug/l	100
65) Chlorobenzene	10.14	112	450724	50.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	156375	51.21	ug/l	100
67) Ethyl Benzene	10.25	91	775600	53.25	ug/l	100
68) m/p-Xylenes	10.36	106	607150	107.06	ug/l	100
69) o-Xylene	10.70	106	289464	53.43	ug/l	100
70) Styrene	10.71	104	486758	55.11	ug/l	100
71) Bromoform	10.86	173	136091	49.79	ug/l	100
73) Isopropylbenzene	11.02	105	788539	54.07	ug/l	100
74) N-amyl acetate	10.90	43	359015	54.22	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	271526	49.40	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257014m	51.79	ug/l	
77) Bromobenzene	11.26	156	207184	50.71	ug/l	100
78) n-propylbenzene	11.36	91	921263	54.24	ug/l	100
79) 2-Chlorotoluene	11.42	91	534122	51.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666878	54.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78116	53.24	ug/l	100
82) 4-Chlorotoluene	11.51	91	639093	53.30	ug/l	100
83) tert-Butylbenzene	11.77	119	653343	54.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	686937	54.77	ug/l	100
85) sec-Butylbenzene	11.94	105	786295	53.55	ug/l	100
86) p-Isopropyltoluene	12.07	119	716610	54.74	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	378108	50.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388987	49.81	ug/l	100
89) n-Butylbenzene	12.39	91	633420	53.44	ug/l	100
90) Hexachloroethane	12.60	117	107417	51.42	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	387329	50.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63888	50.09	ug/l	100

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280874	51.77	ug/l	100
94) Hexachlorobutadiene	13.78	225	130314	49.28	ug/l	100
95) Naphthalene	13.83	128	885652	55.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287586	51.99	ug/l	100

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

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

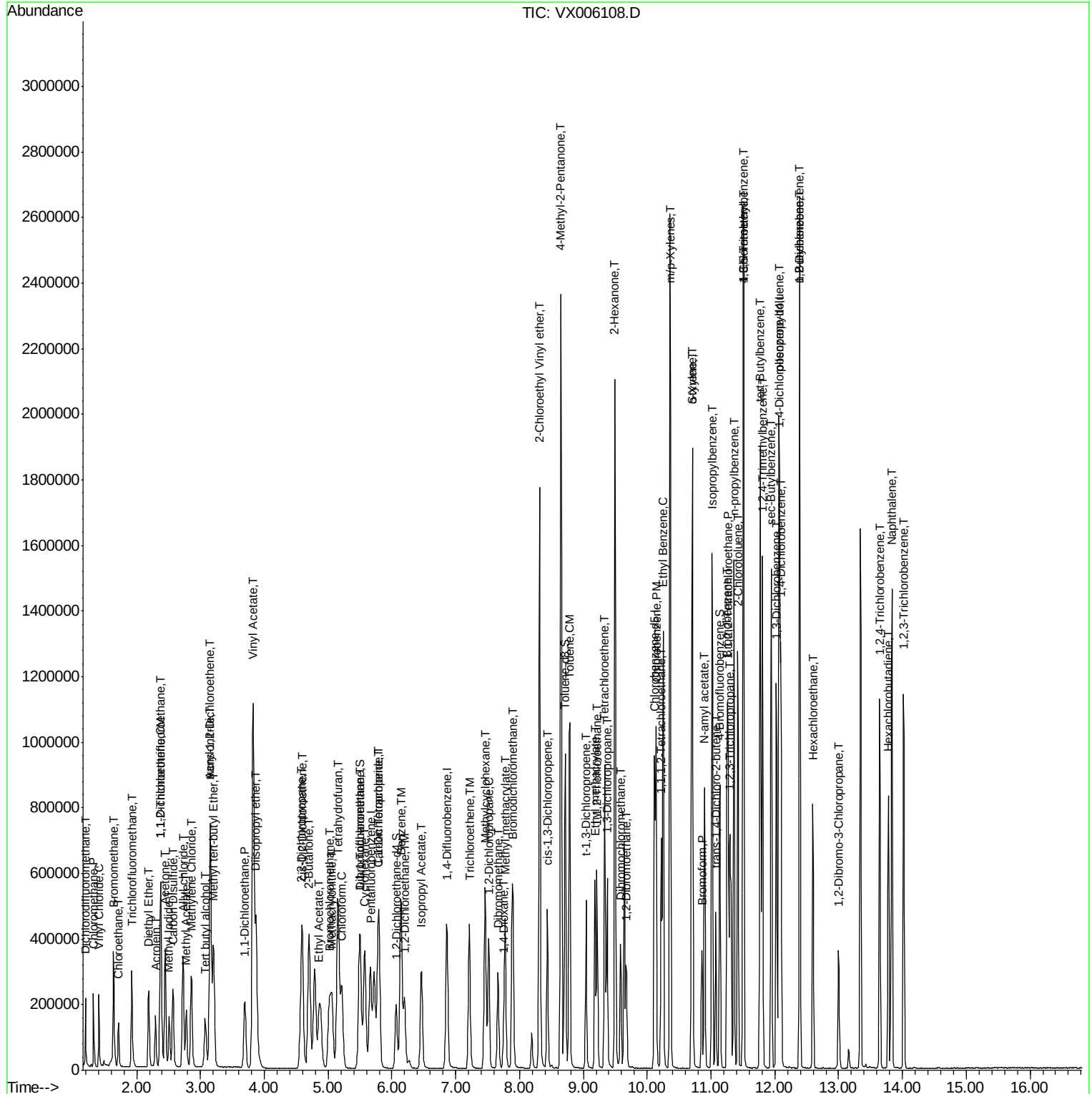
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDICCC050

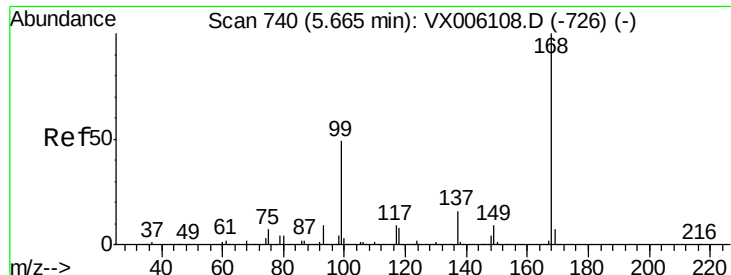
Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 314159

Ion Ratio Lower Upper

168 100

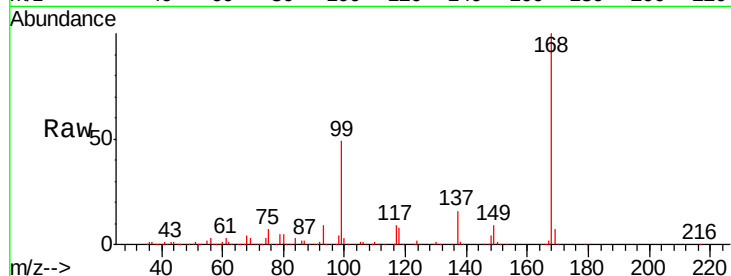
99 49.0 39.2 58.8

Manual Integrations

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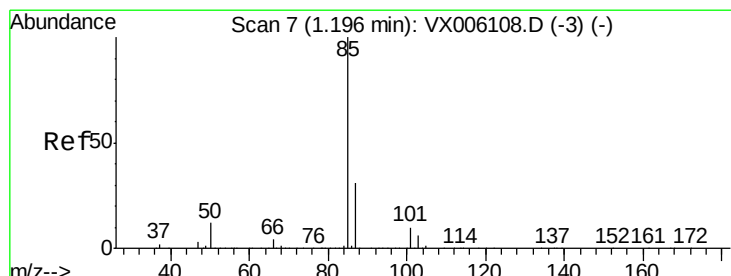
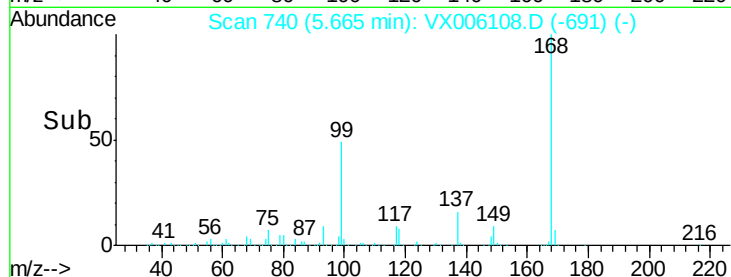
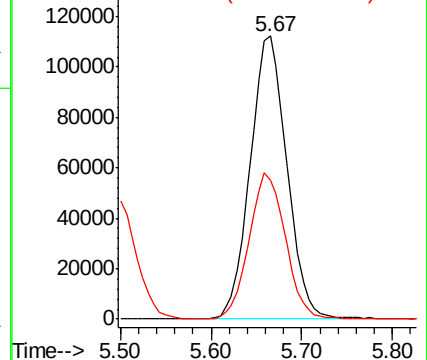
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.03 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006108.D

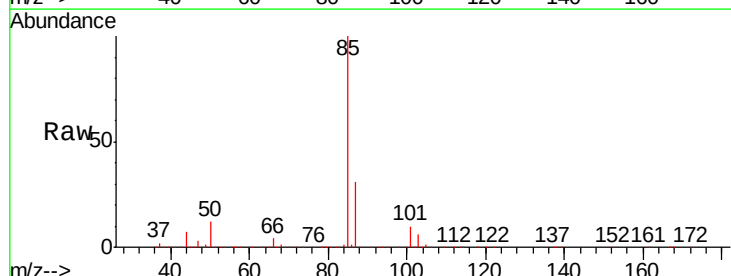
Acq: 20 Nov 2018 18:36

Tgt Ion: 85 Resp: 114474

Ion Ratio Lower Upper

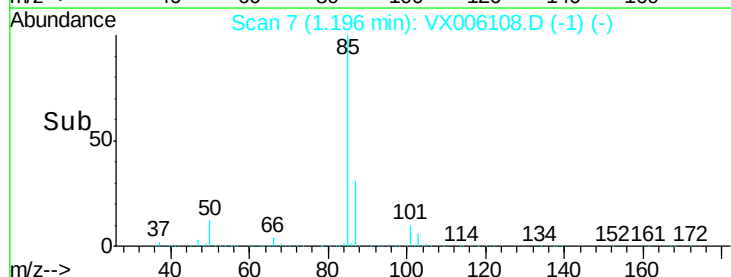
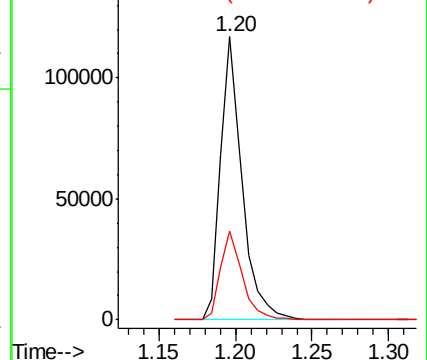
85 100

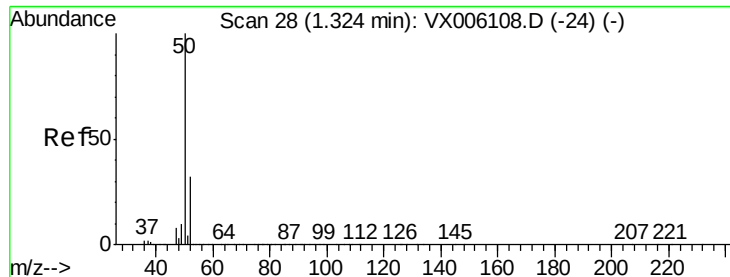
87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.89 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 144177

Ion Ratio Lower Upper

50 100

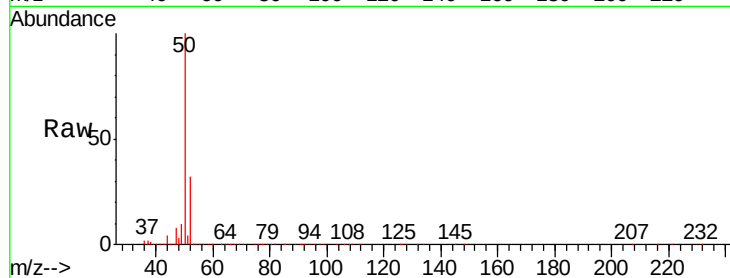
52 32.0 25.6 38.4

Manual Integrations

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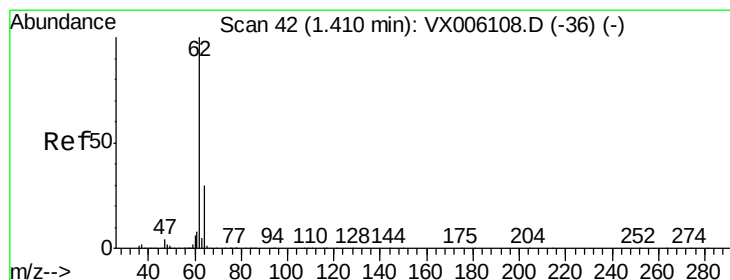
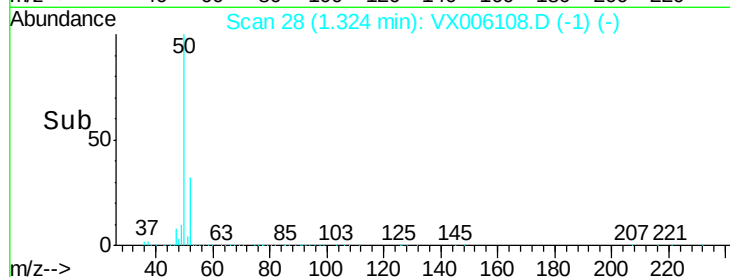
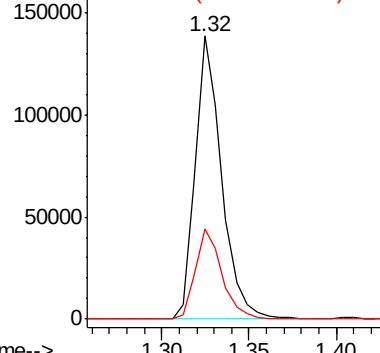
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.81 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006108.D

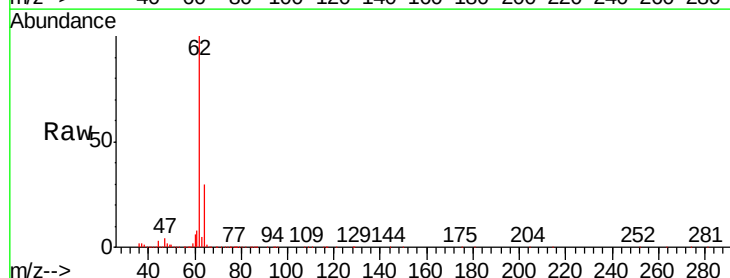
Acq: 20 Nov 2018 18:36

Tgt Ion: 62 Resp: 143416

Ion Ratio Lower Upper

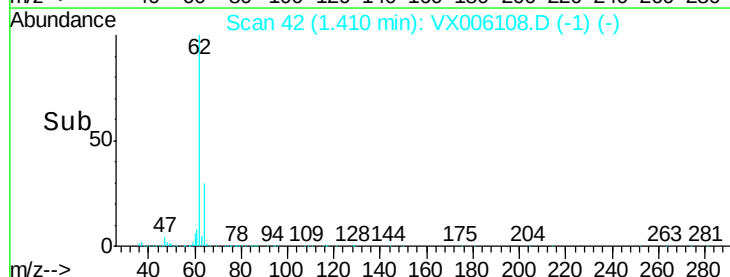
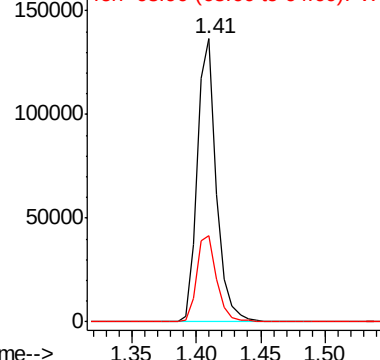
62 100

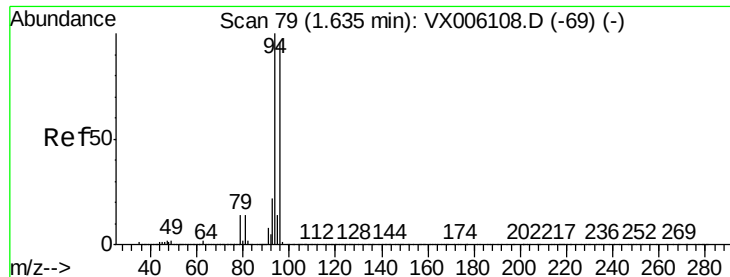
64 30.3 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.60 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 107305

Ion Ratio Lower Upper

94 100

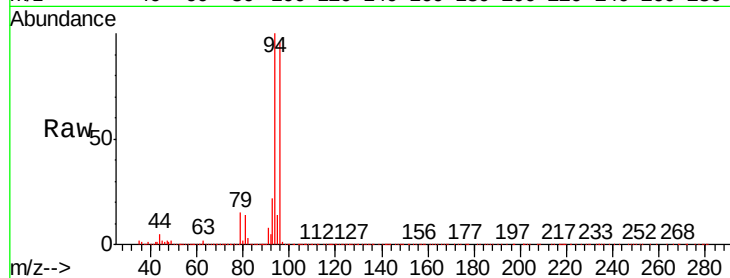
96 95.9 76.7 115.1

Manual Integrations

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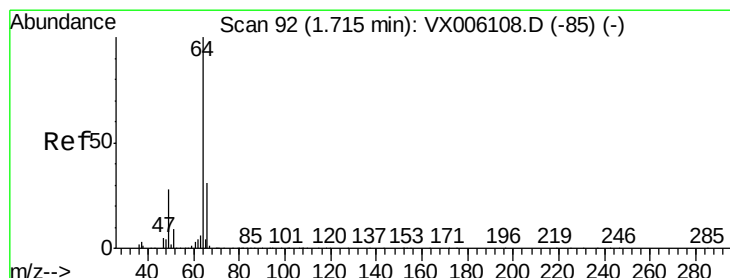
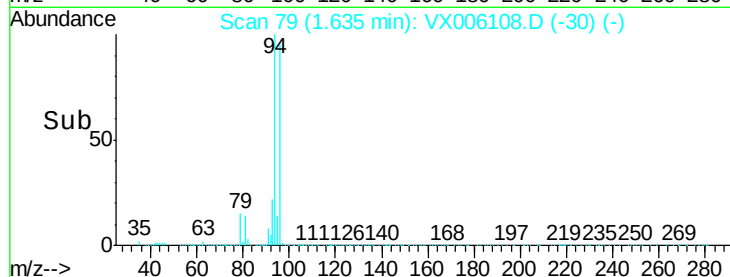
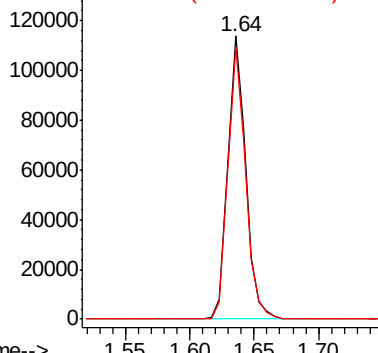
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.97 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006108.D

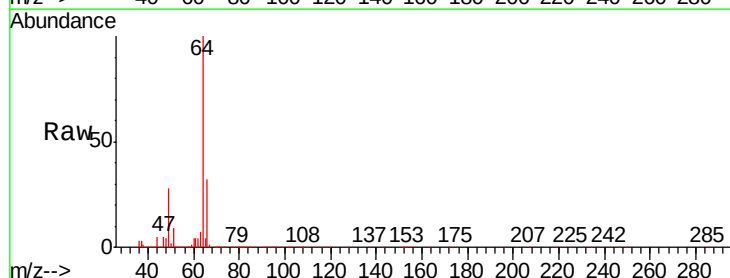
Acq: 20 Nov 2018 18:36

Tgt Ion: 64 Resp: 83109

Ion Ratio Lower Upper

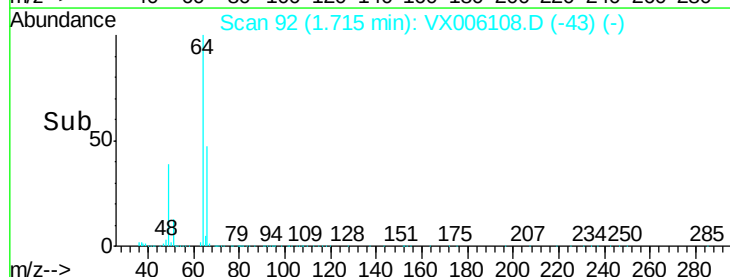
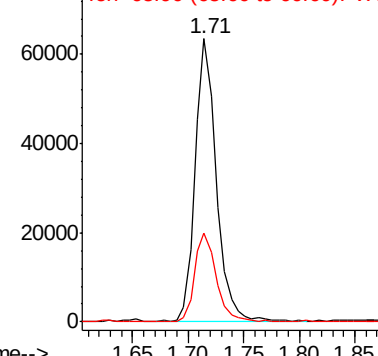
64 100

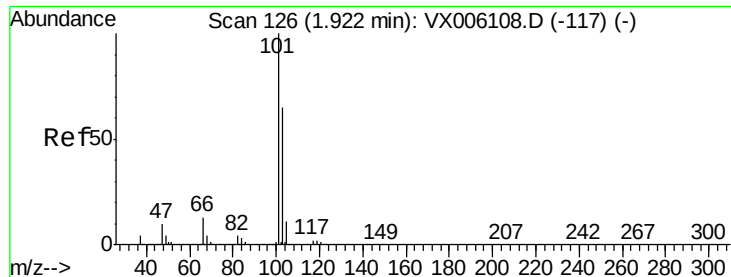
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

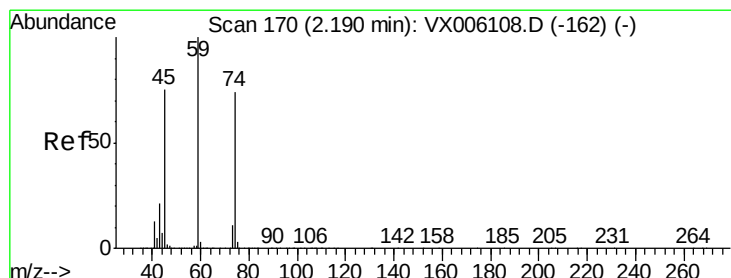
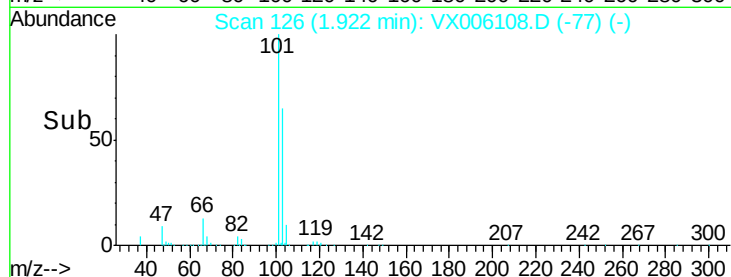
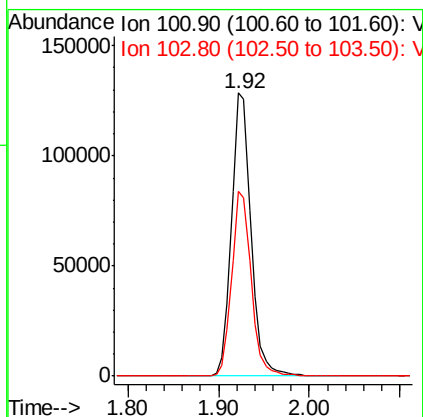
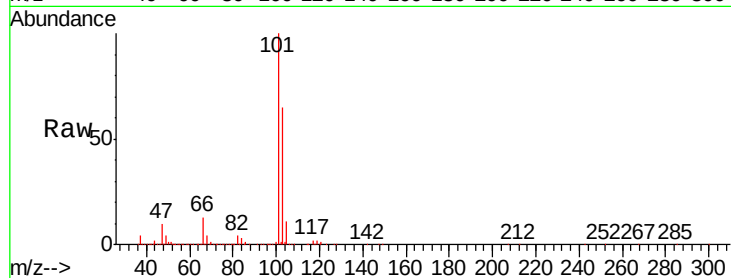
Trichlorofluoromethane
Concen: 48.99 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

Manual Integrations
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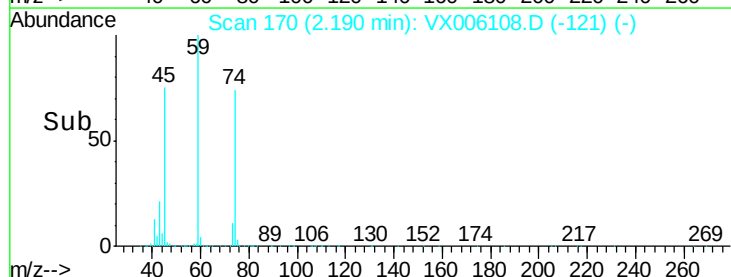
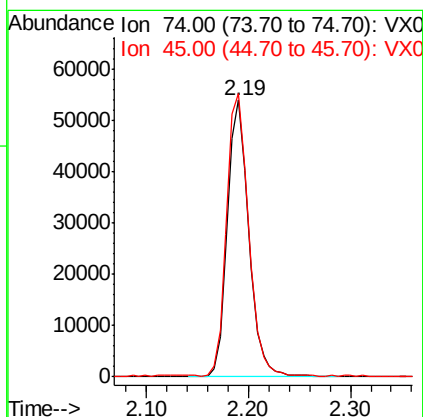
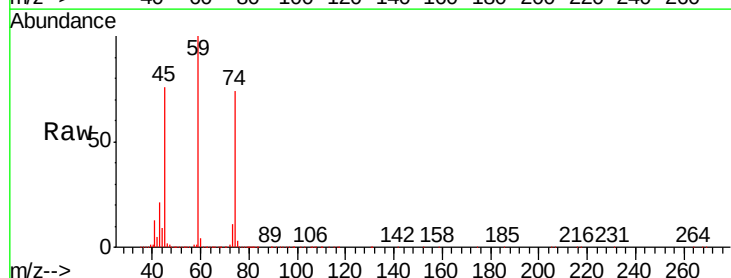
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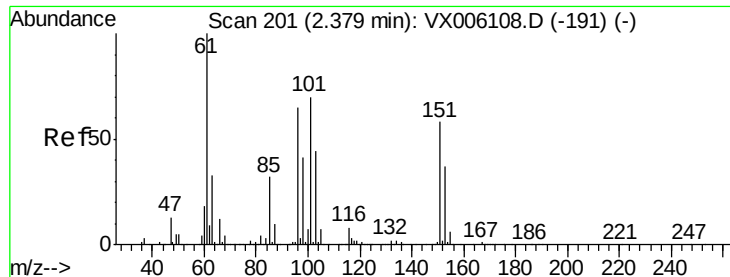


#8

Diethyl Ether
Concen: 47.38 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.51 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

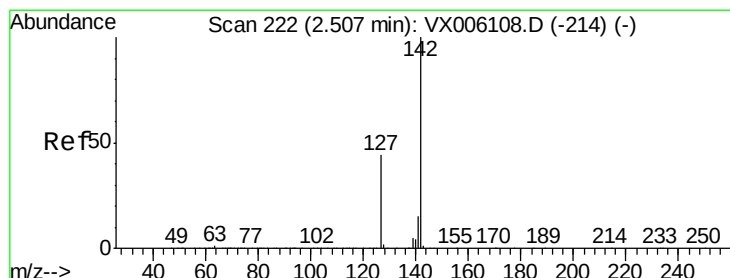
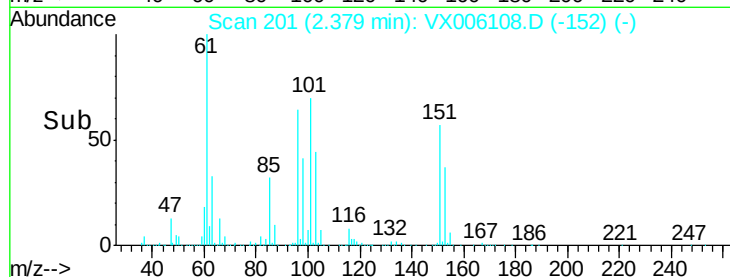
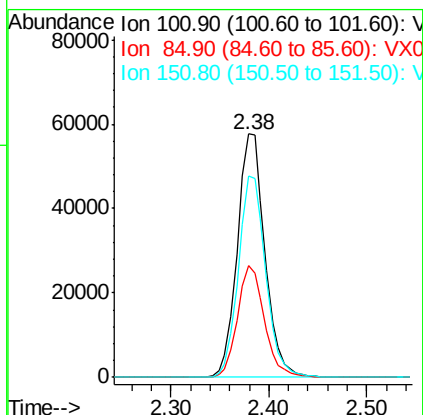
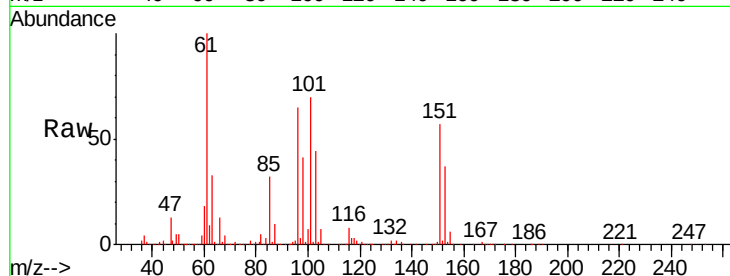
VSTDICCC050

Tgt Ion:	101	Resp:	112890
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	82.2	65.8	98.6

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#10

Methyl Iodide

Concen: 53.25 ug/l

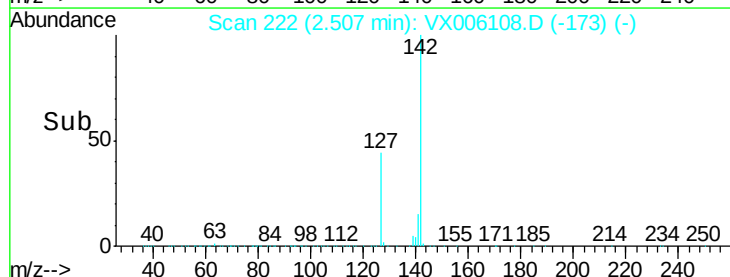
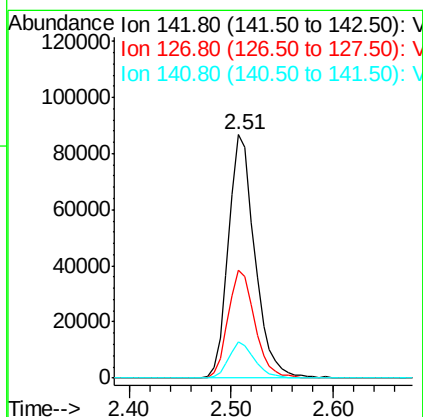
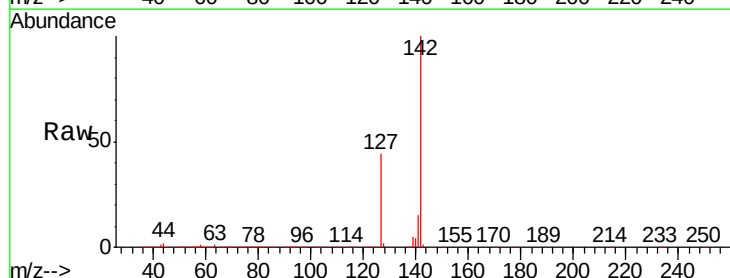
RT: 2.51 min Scan# 222

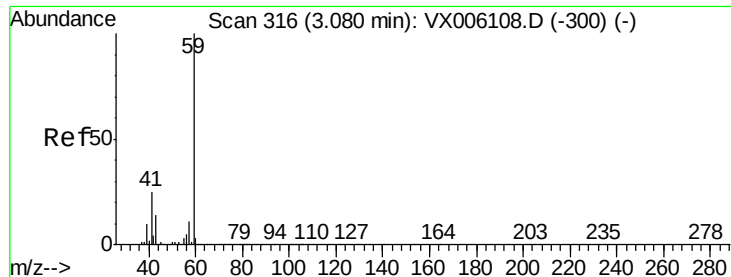
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	142	Resp:	155345
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.0	54.0
141	14.6	11.7	17.5





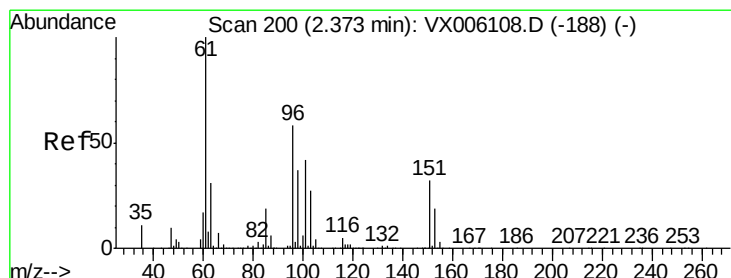
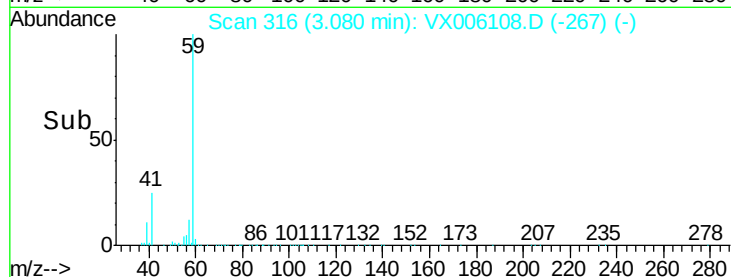
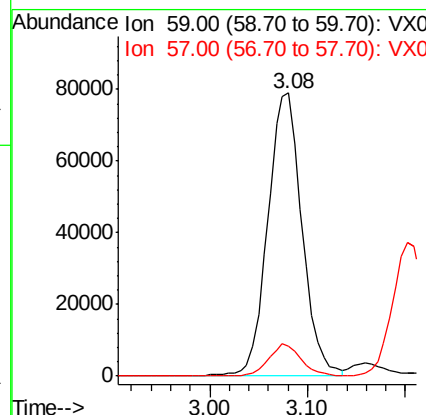
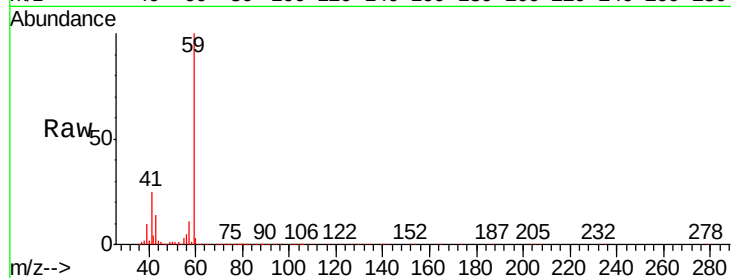
#11
Tert butyl alcohol
Concen: 248.29 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 192277
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

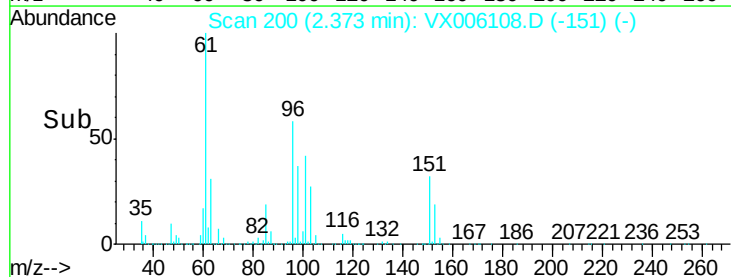
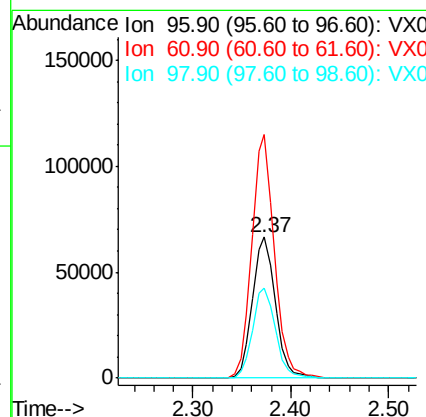
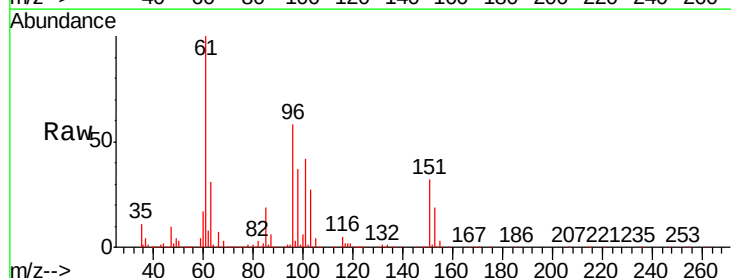
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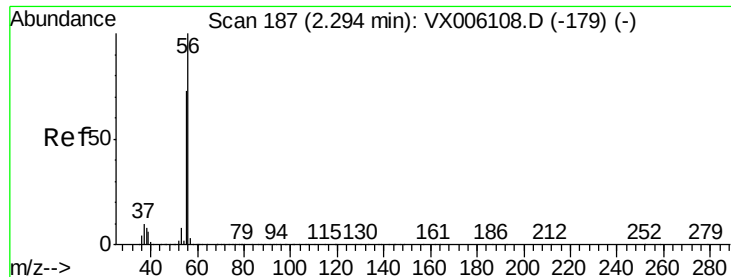
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#12
1,1-Dichloroethene
Concen: 48.16 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 96 Resp: 109238
Ion Ratio Lower Upper
96 100
61 172.8 138.2 207.4
98 64.1 51.3 76.9





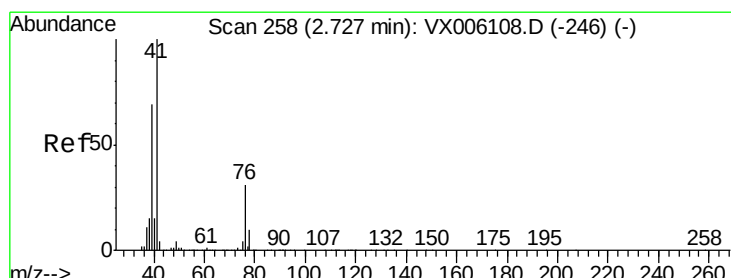
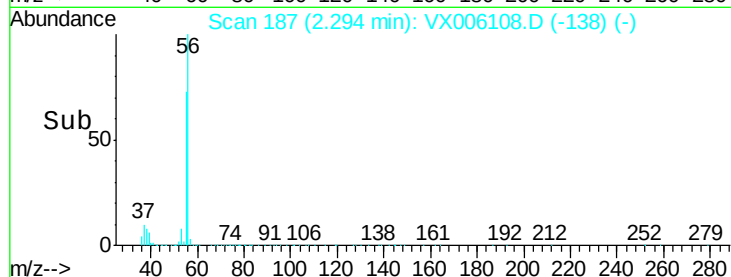
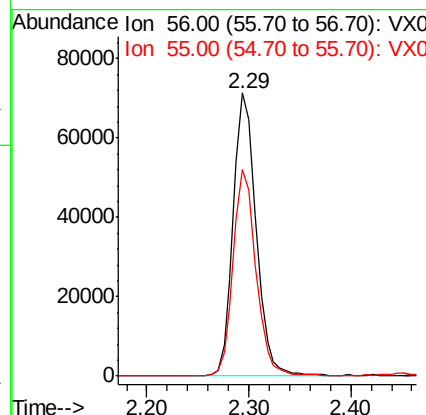
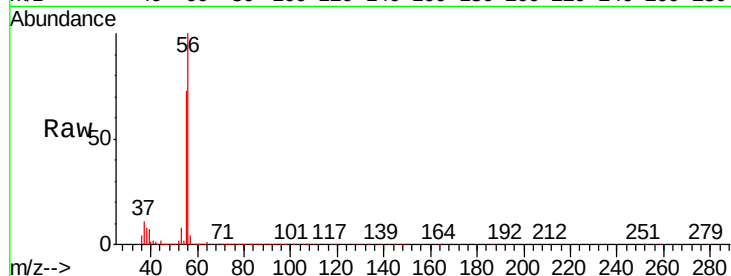
#13
Acrolein
Concen: 238.75 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 110632
Ion Ratio Lower Upper
56 100
55 72.2 57.8 86.6

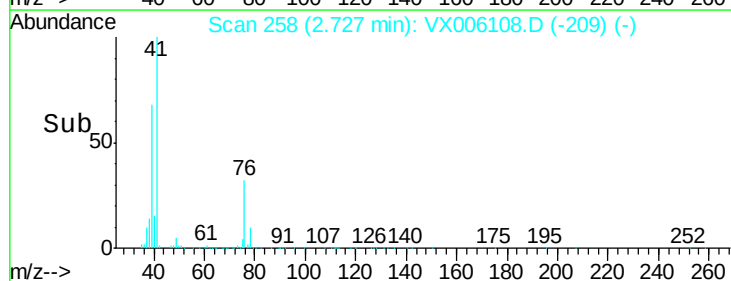
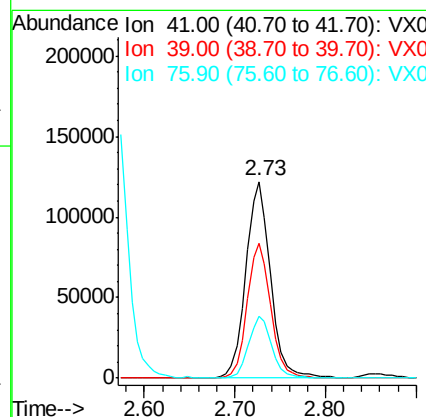
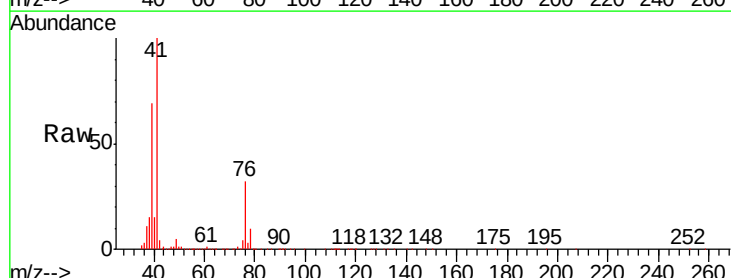
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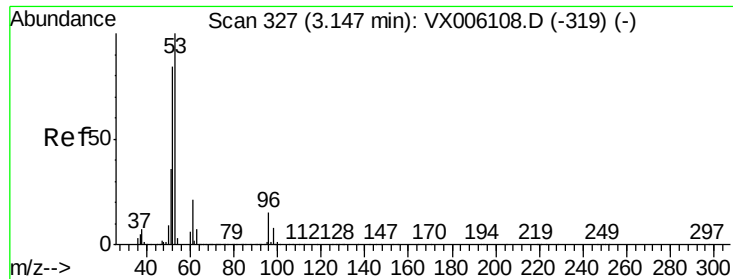
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#14
Allyl chloride
Concen: 49.13 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 41 Resp: 228002
Ion Ratio Lower Upper
41 100
39 65.6 52.5 78.7
76 29.3 23.4 35.2





#15

Acrylonitrile

Concen: 247.90 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

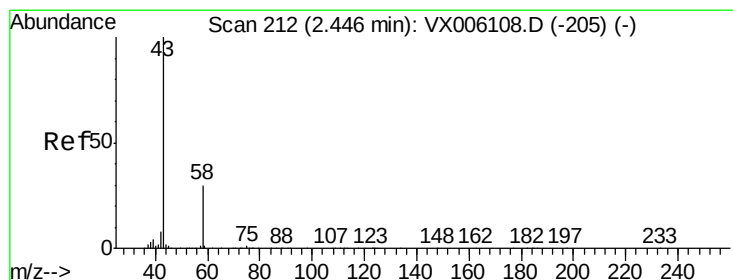
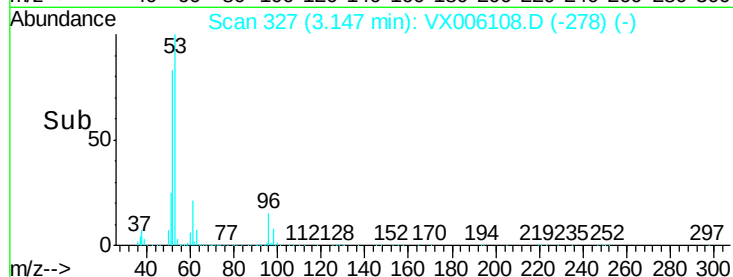
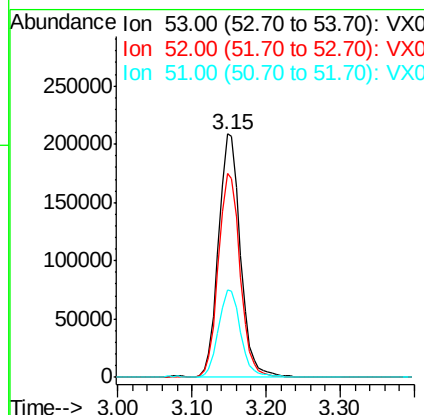
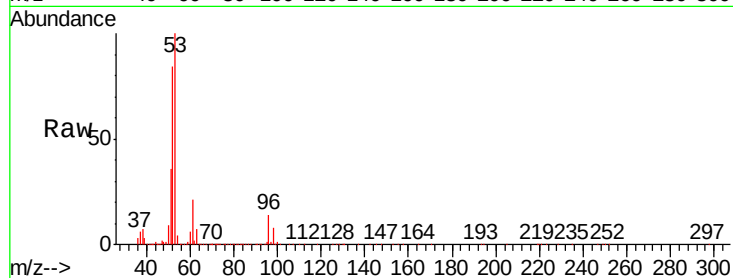
VSTDICCC050

Tgt Ion:	53	Resp:	424020
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.7	29.4	44.0

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#16

Acetone

Concen: 236.35 ug/l

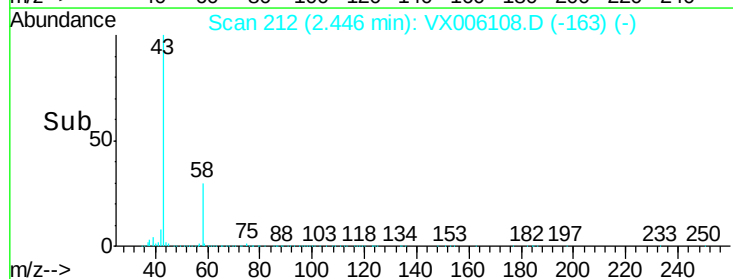
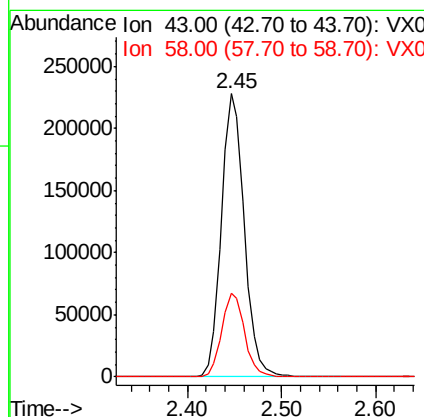
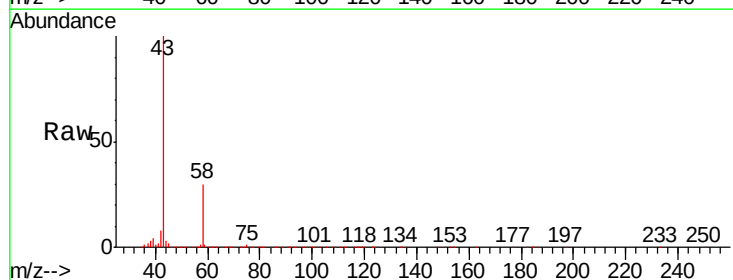
RT: 2.45 min Scan# 212

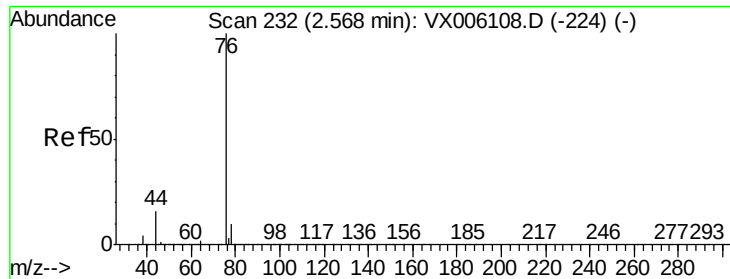
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	43	Resp:	381794
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.8





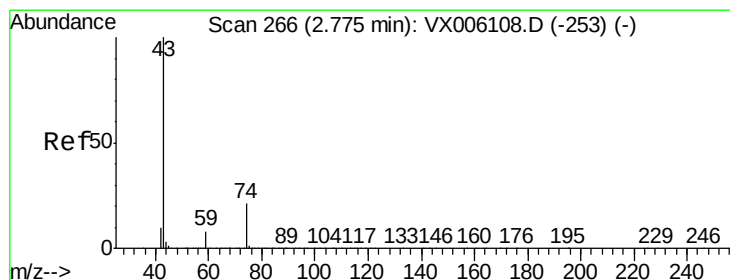
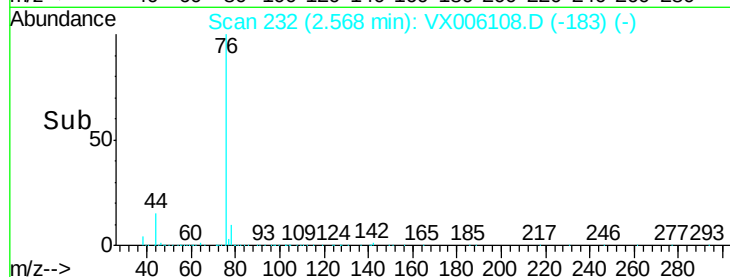
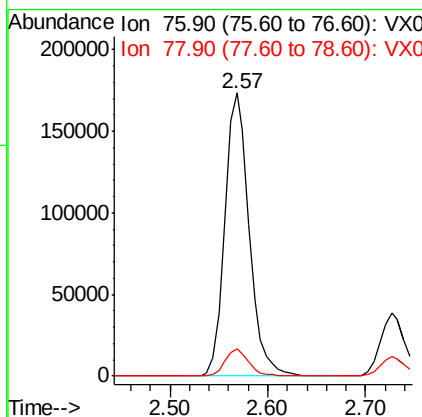
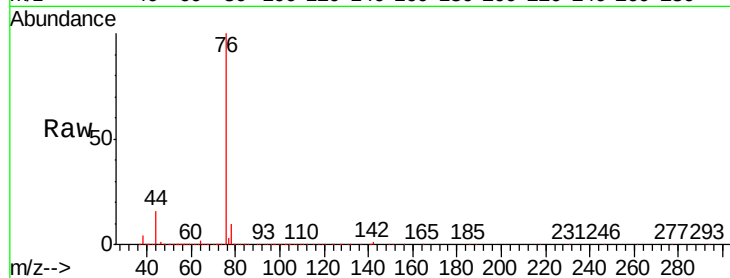
#17
Carbon Disulfide
Concen: 48.94 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.7	11.5

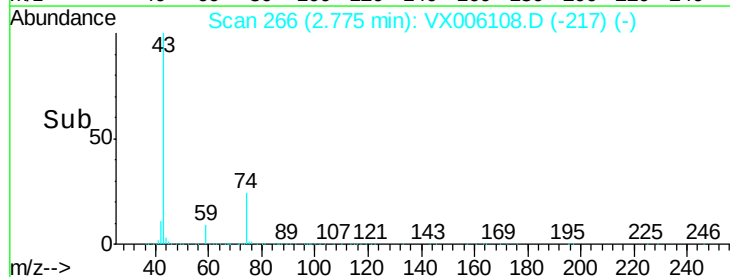
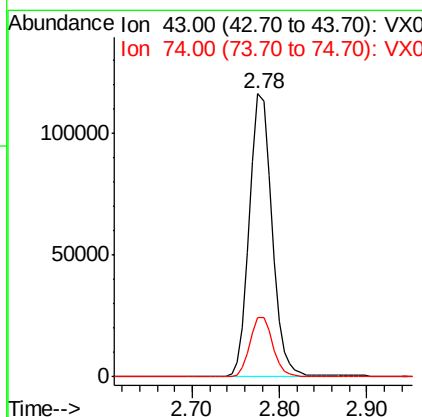
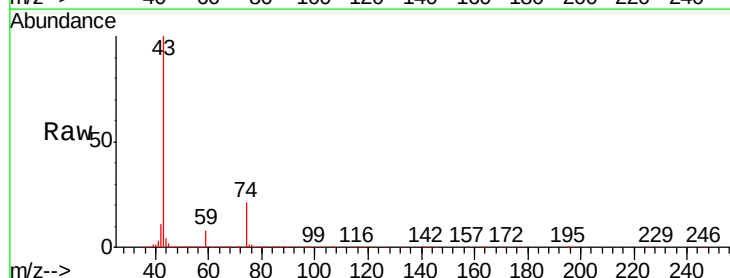
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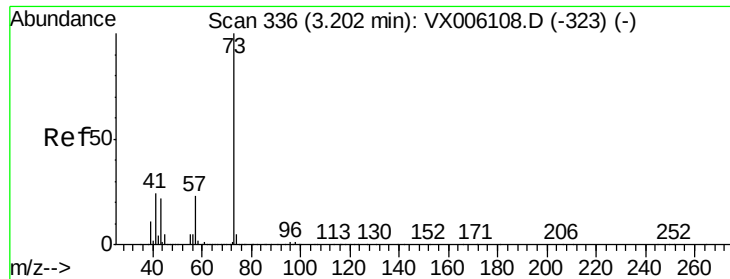
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#18
Methyl Acetate
Concen: 50.56 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.3	25.9





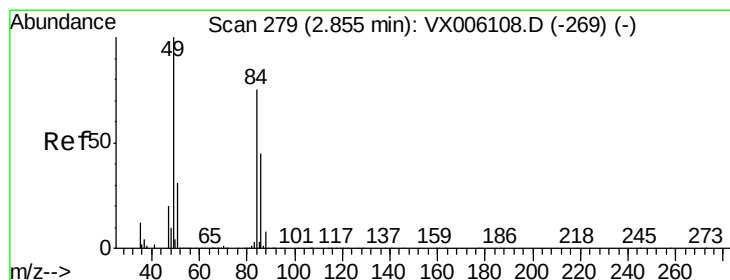
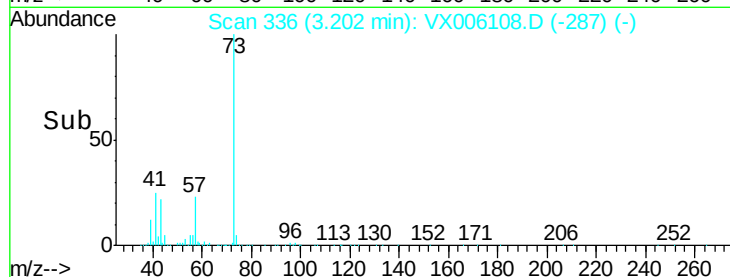
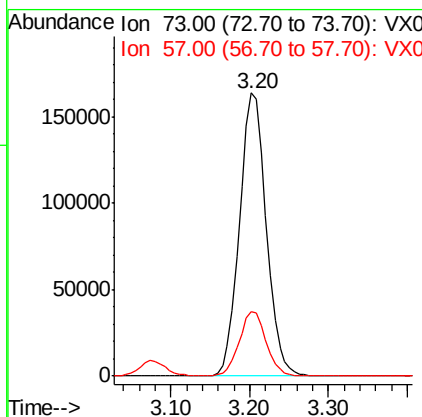
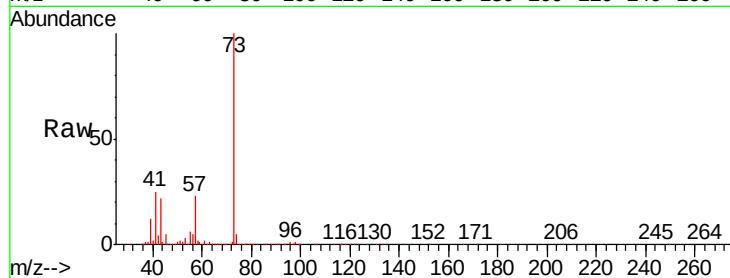
#19
Methyl tert-butyl Ether
Concen: 49.39 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

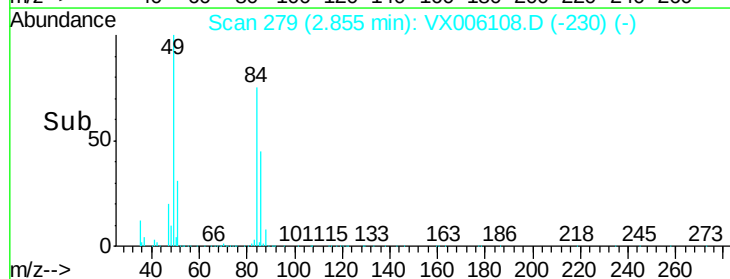
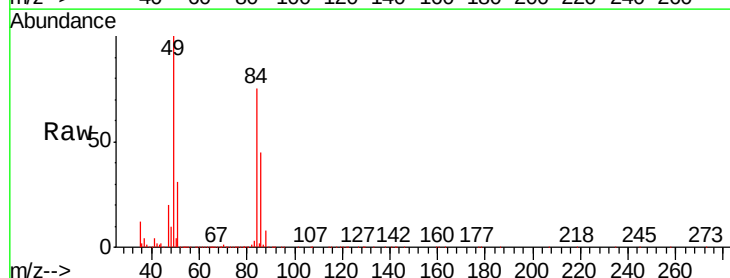
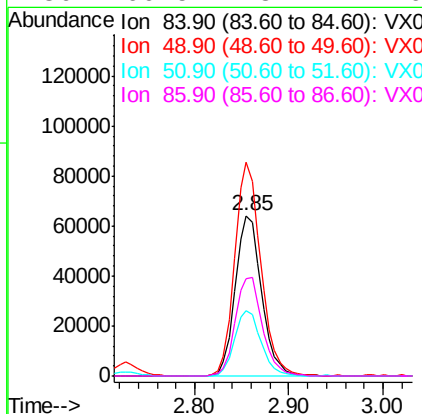
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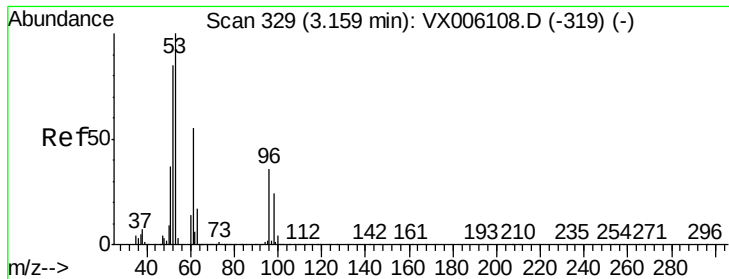
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#20
Methylene Chloride
Concen: 46.94 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.2	106.6	159.8
51	40.8	32.6	49.0
86	60.5	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 49.26 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

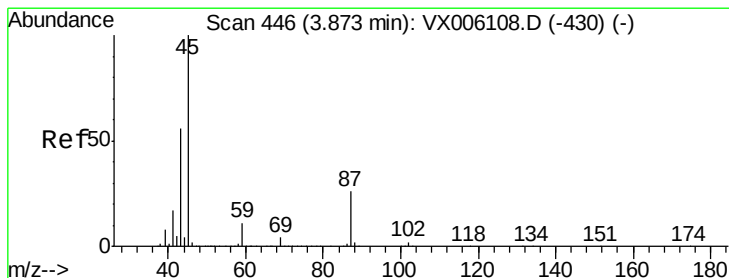
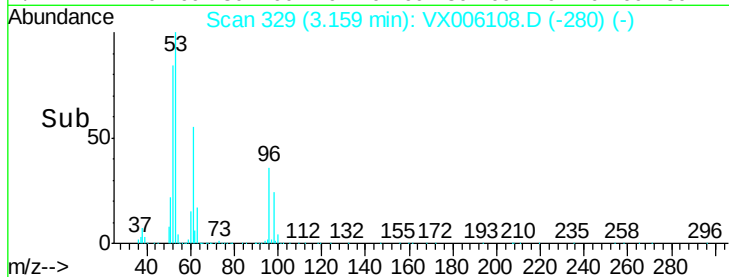
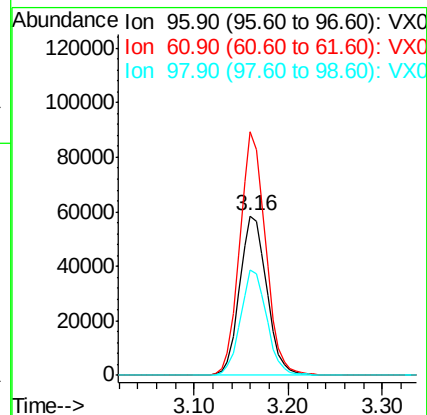
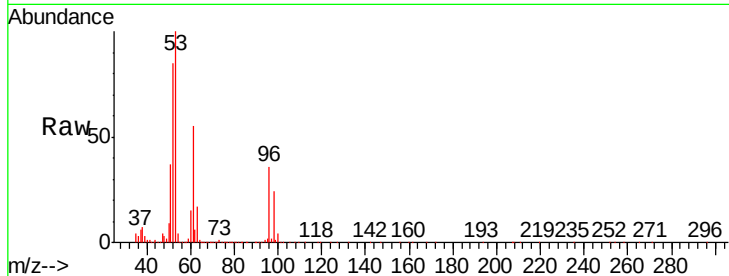
Tgt Ion:	96	Resp:	116905
Ion	Ratio	Lower	Upper
96	100		
61	152.5	122.0	183.0
98	65.9	52.7	79.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 52.78 ug/l

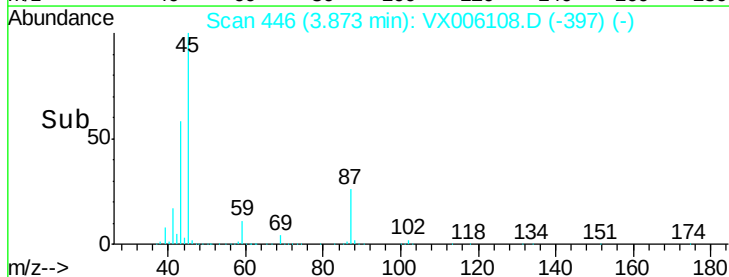
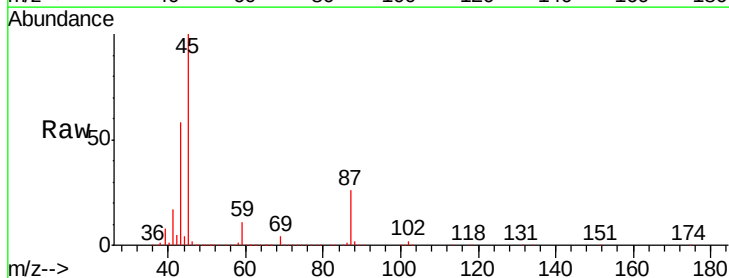
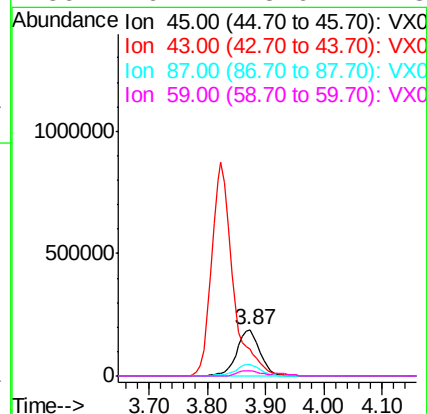
RT: 3.87 min Scan# 446

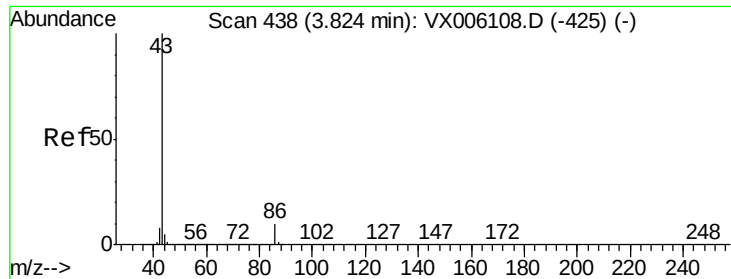
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	45	Resp:	524401
Ion	Ratio	Lower	Upper
45	100		
43	57.3	45.8	68.8
87	26.2	21.0	31.4
59	10.7	8.6	12.8





#23

Vinyl Acetate

Concen: 268.29 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2211359

Ion Ratio Lower Upper

43 100

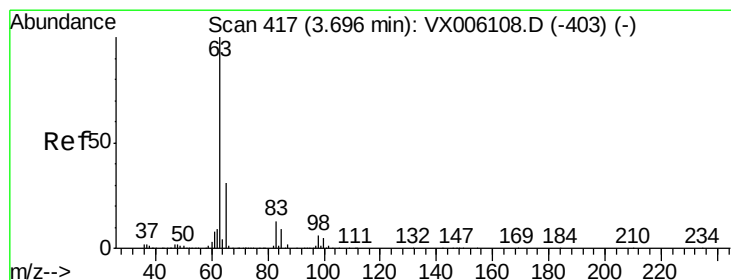
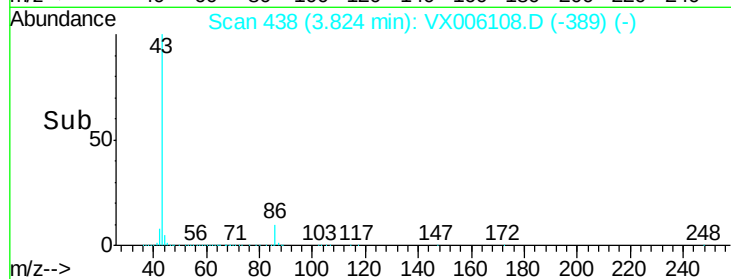
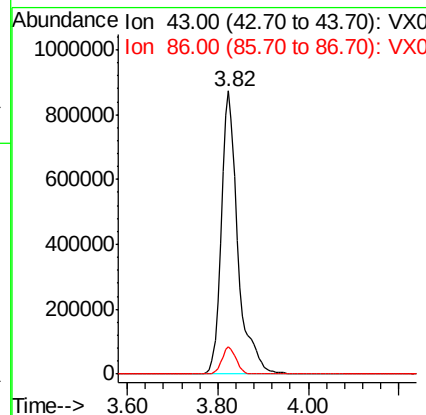
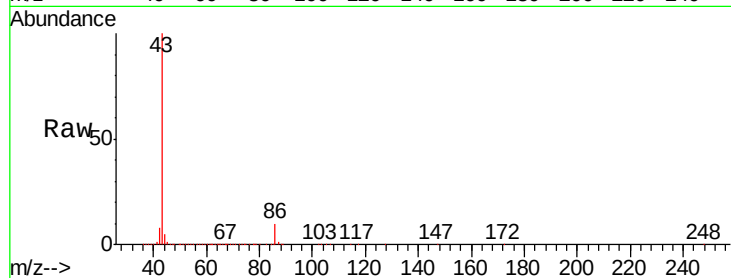
86 9.5 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 50.37 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

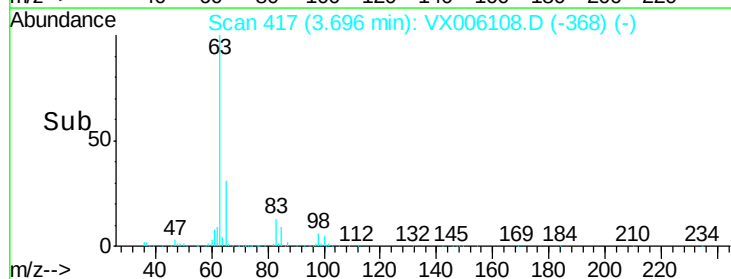
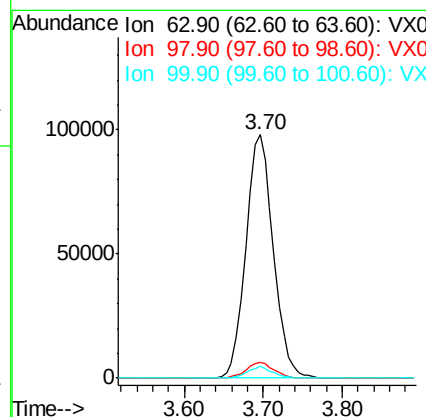
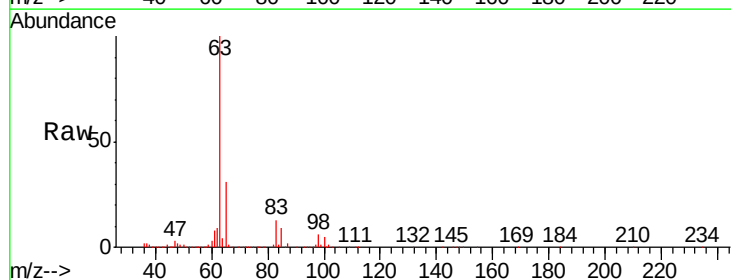
Tgt Ion: 63 Resp: 235770

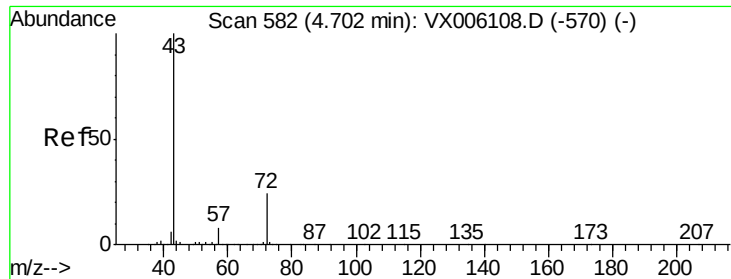
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 252.55 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 757245

Ion Ratio Lower Upper

43 100

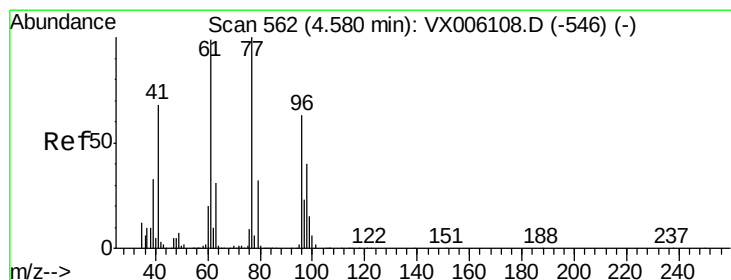
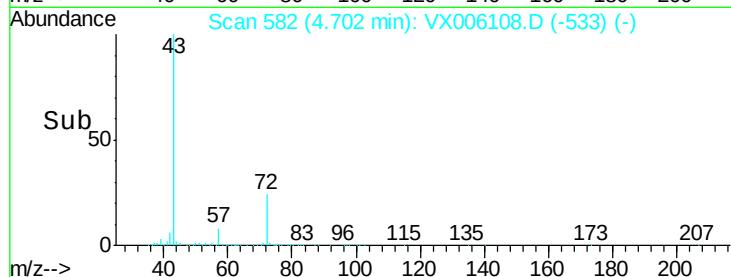
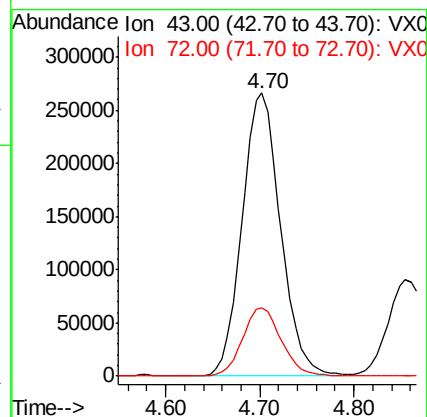
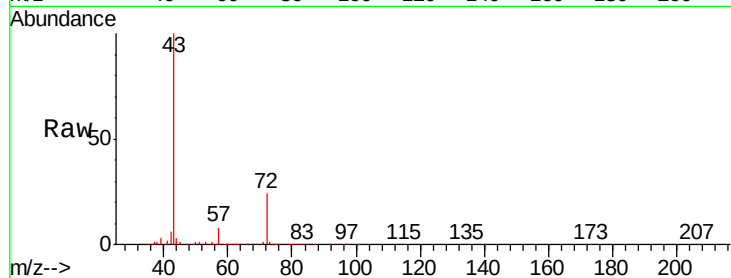
72 24.0 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 49.59 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006108.D

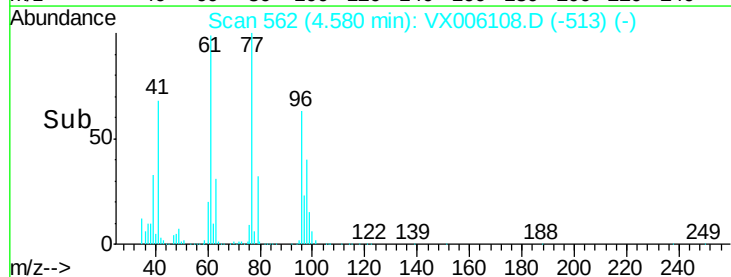
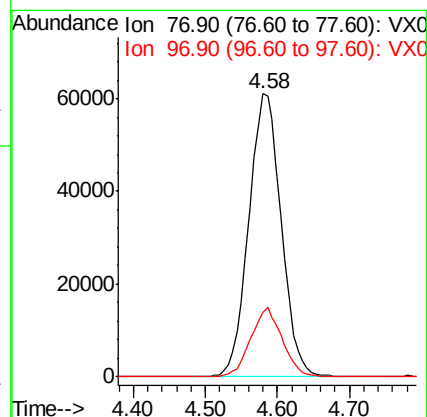
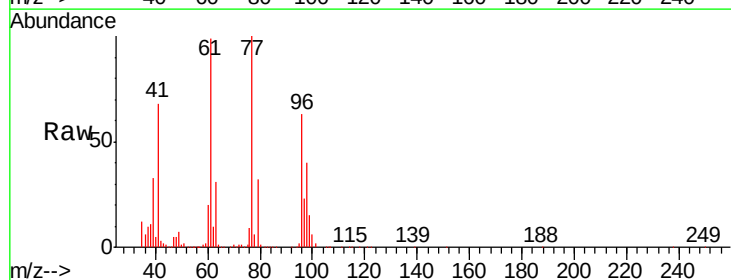
Acq: 20 Nov 2018 18:36

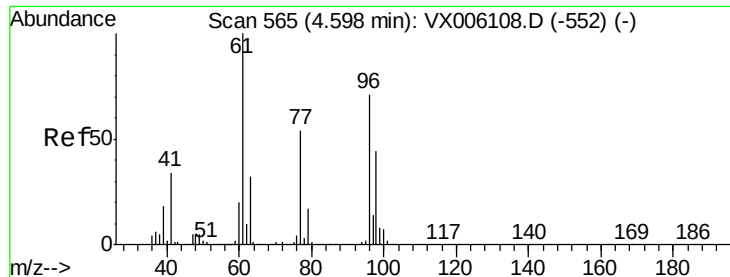
Tgt Ion: 77 Resp: 191299

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.90 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

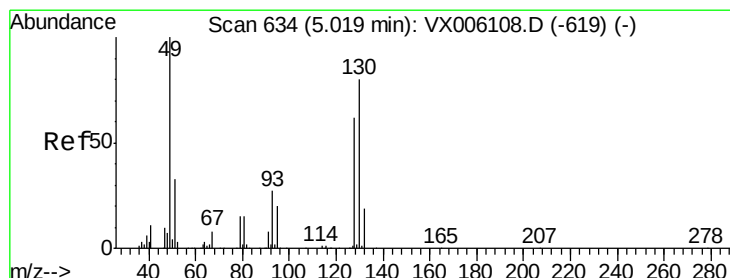
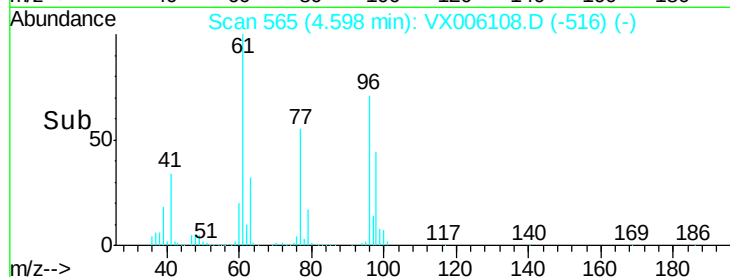
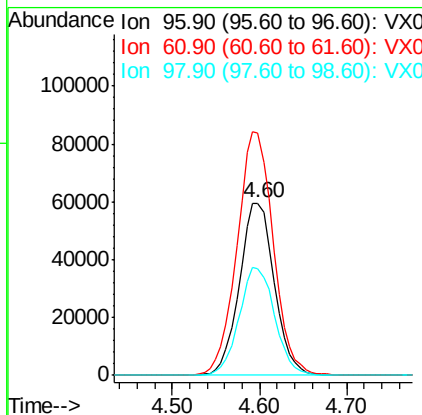
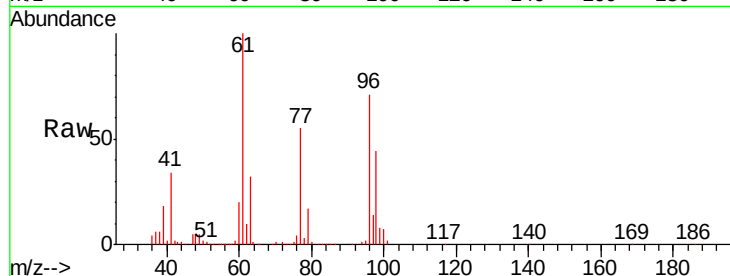
Tgt Ion:	96	Resp:	165529
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	291.6
98	64.1	0.0	128.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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#28

Bromochloromethane

Concen: 52.38 ug/l

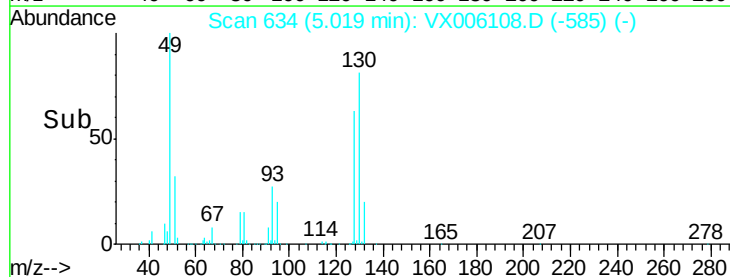
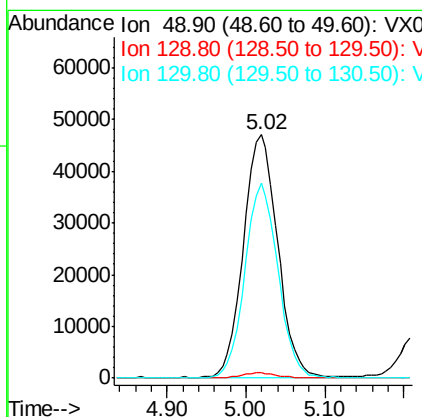
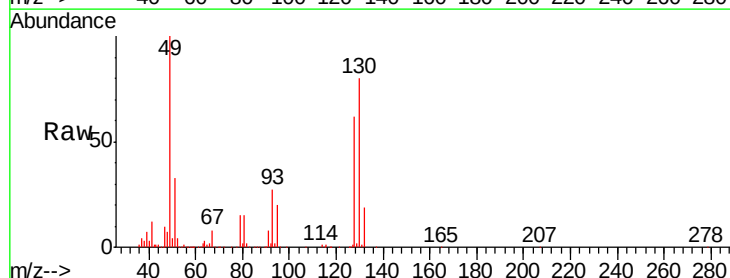
RT: 5.02 min Scan# 634

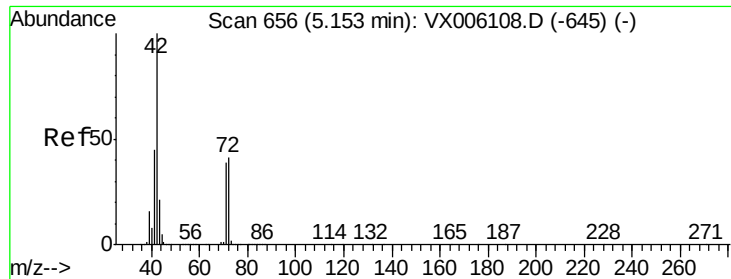
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	49	Resp:	142904
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	77.0	61.6	92.4





#29
Tetrahydrofuran
Concen: 263.73 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

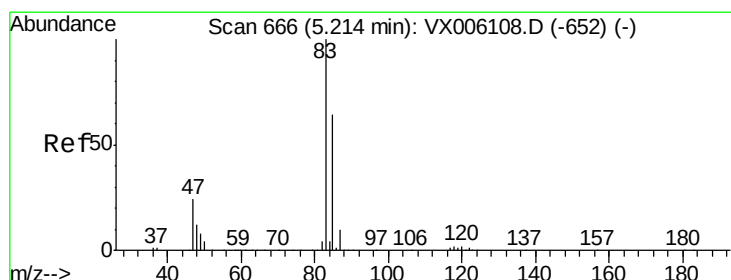
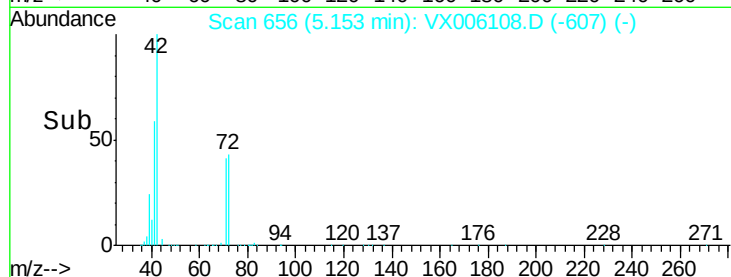
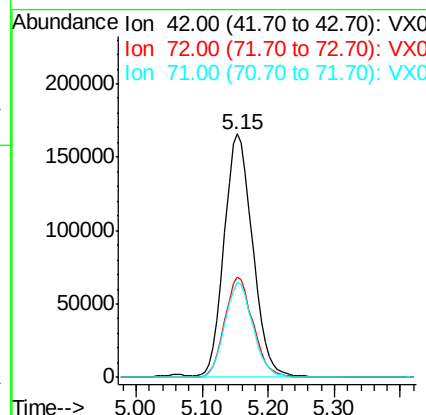
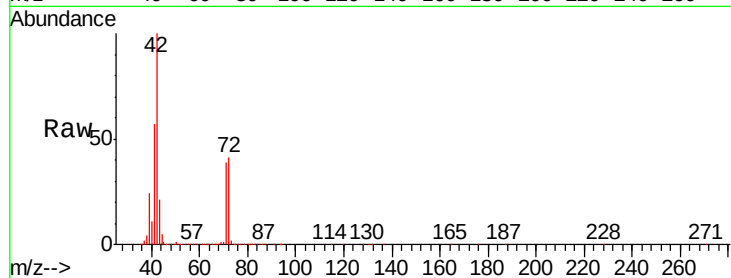
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.6
71	38.7	31.0	46.4

Manual Integrations
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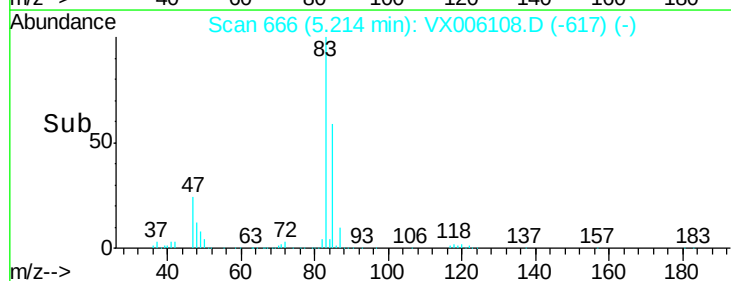
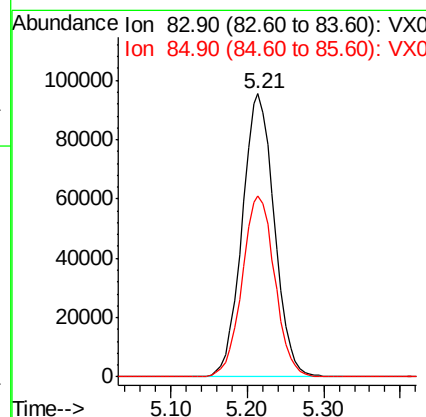
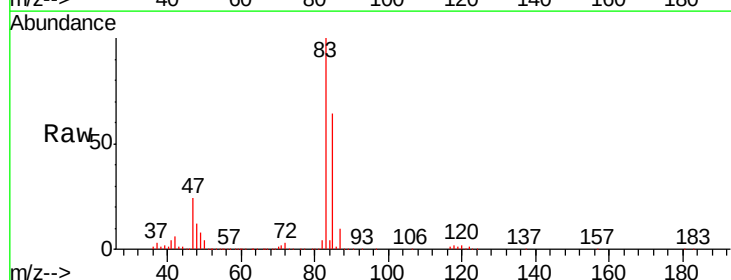
MMDadoda

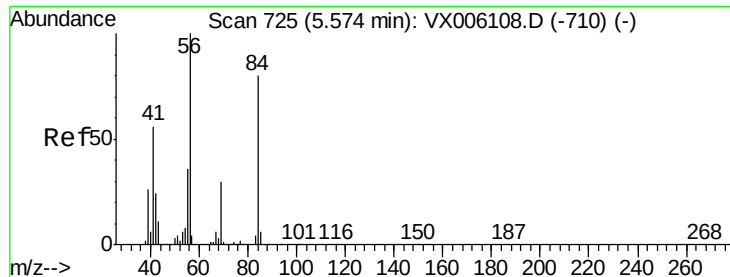
11/21/2018 10:37:18 AM



#30
Chloroform
Concen: 49.06 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4





#31
Cyclohexane
Concen: 50.77 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

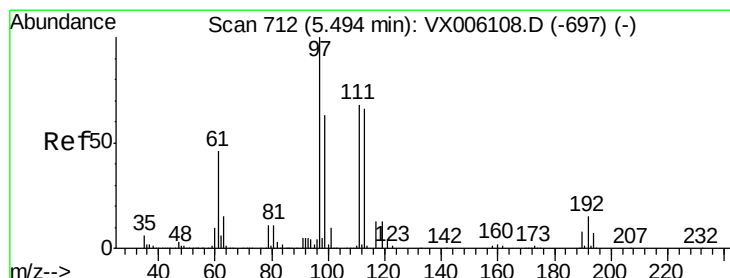
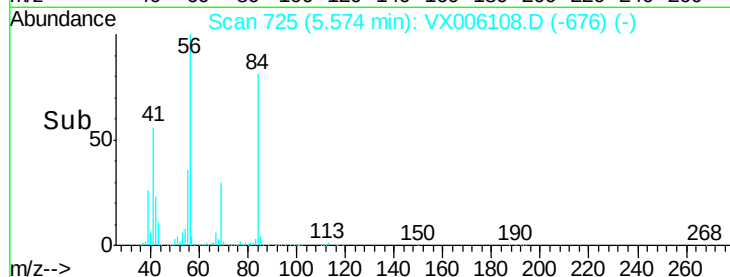
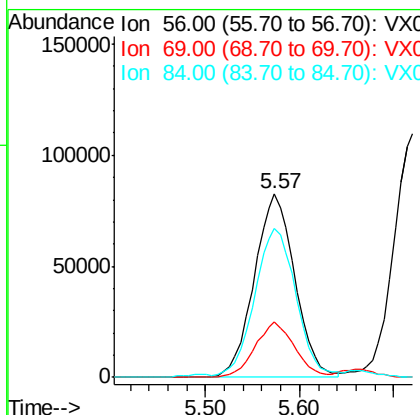
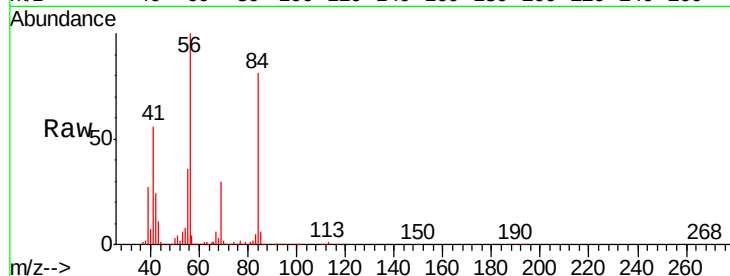
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.9	35.9
84	79.5	63.6	95.4

Manual Integrations
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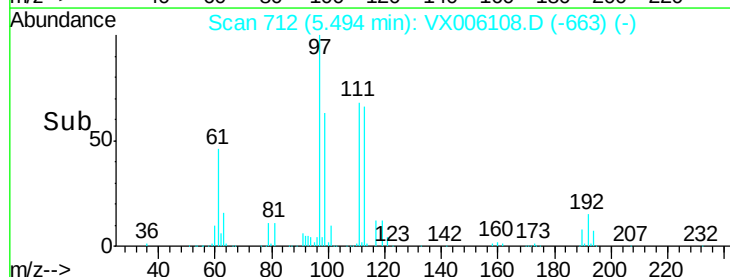
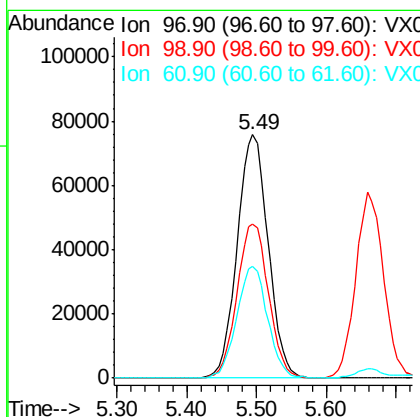
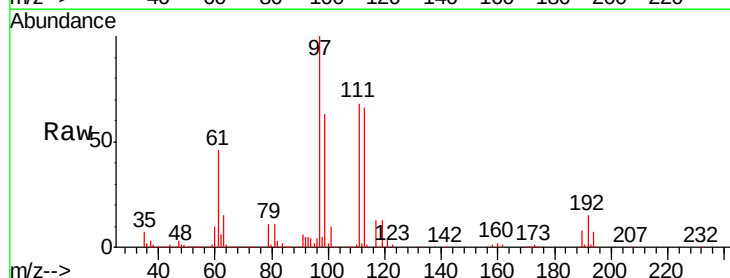
MMDadoda

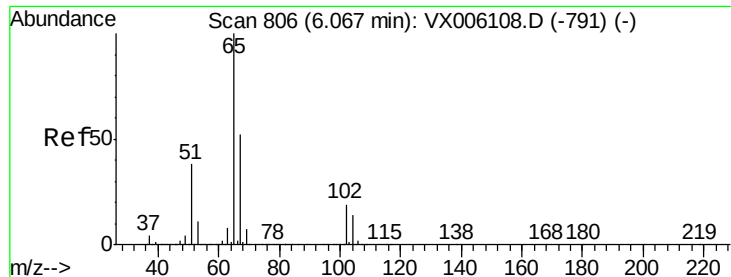
11/21/2018 10:37:18 AM



#32
1,1,1-Trichloroethane
Concen: 50.88 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	45.8	36.6	55.0





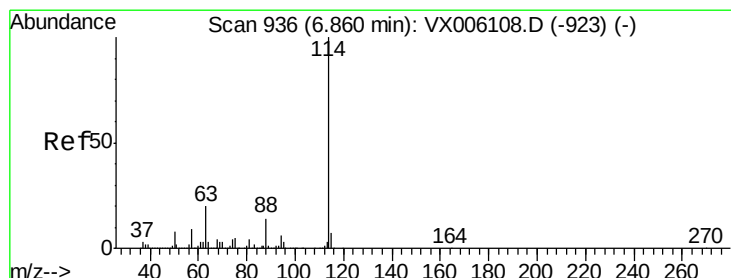
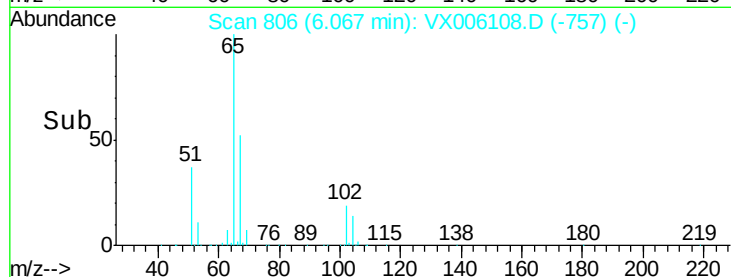
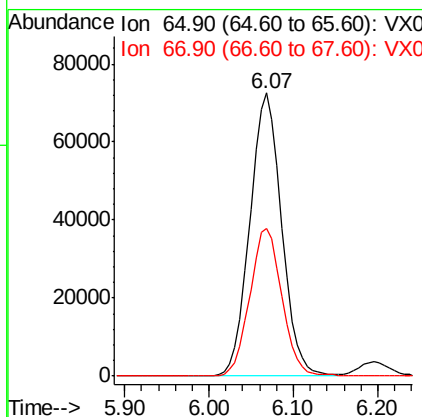
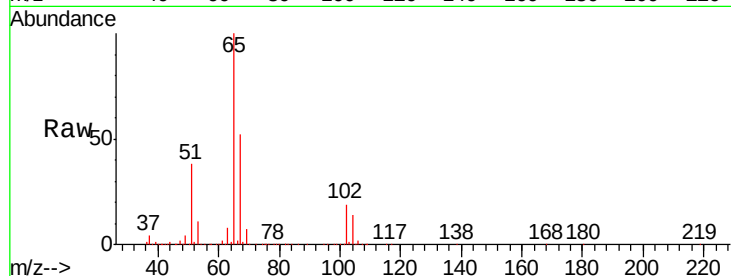
#33
 1,2-Dichloroethane-d4
 Concen: 51.49 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	187425		
67	52.9	0.0	105.8	

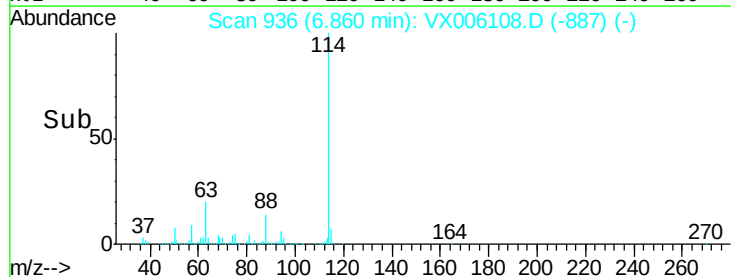
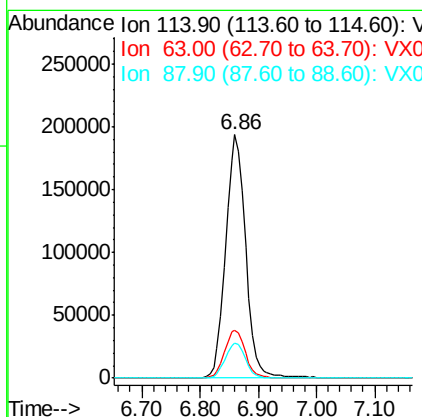
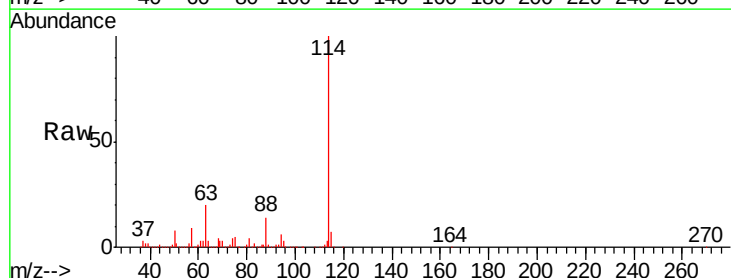
Manual Integrations
 APPROVED

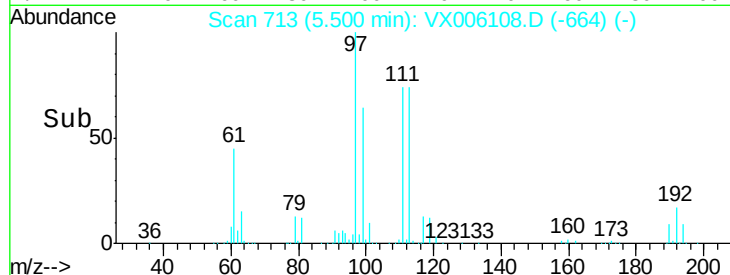
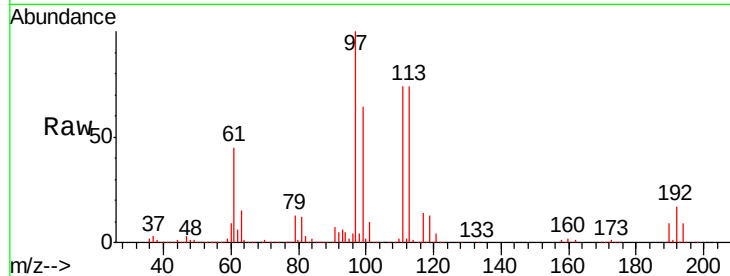
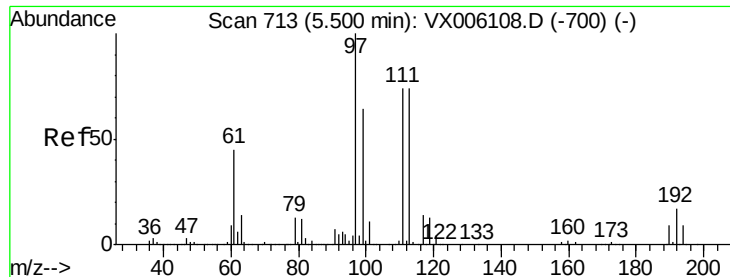
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 11/21/2018 10:37:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	463957		
63	19.6	0.0	39.2	
88	14.3	0.0	28.6	





#35
Dibromofluoromethane
Concen: 51.10 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

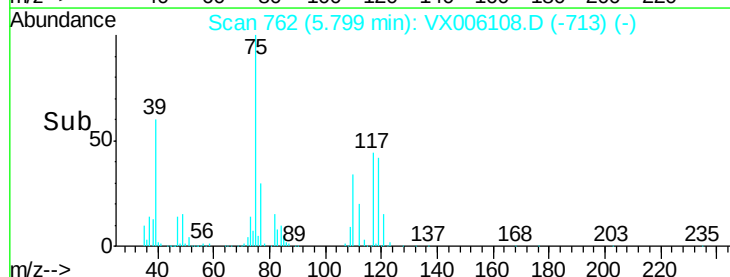
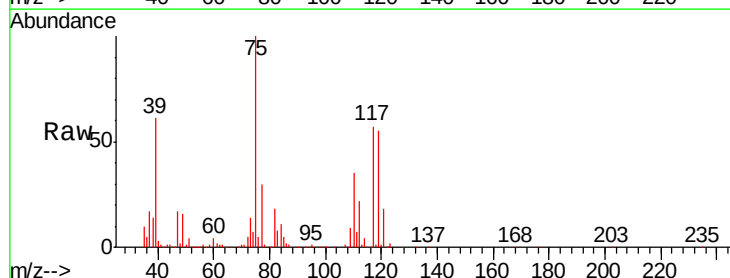
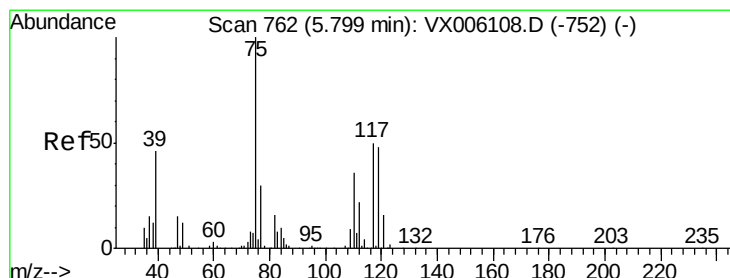
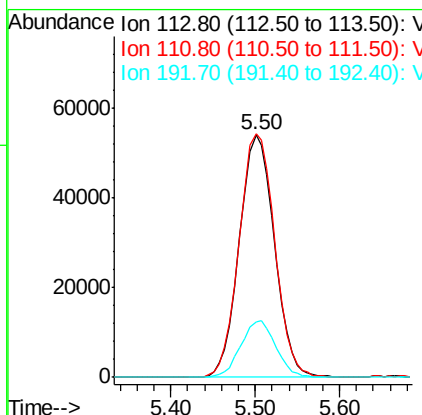
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	152180		
111	101.9	81.5	122.3	
192	23.3	18.6	28.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

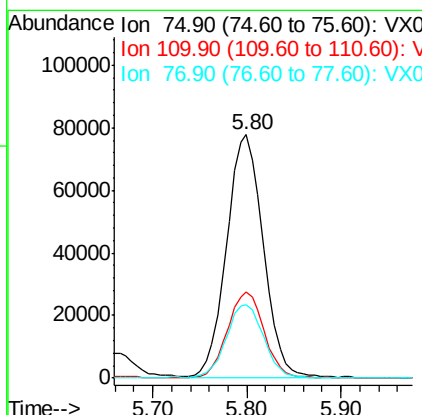
MMDadoda

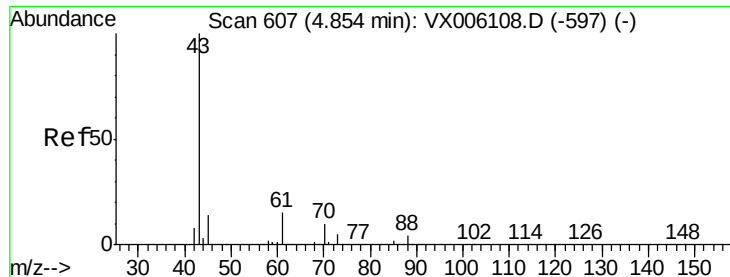
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#36
1,1-Dichloropropene
Concen: 49.65 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	209565		
110	35.5	17.8	53.3	
77	30.6	24.5	36.7	





#37
Ethyl Acetate
Concen: 49.47 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

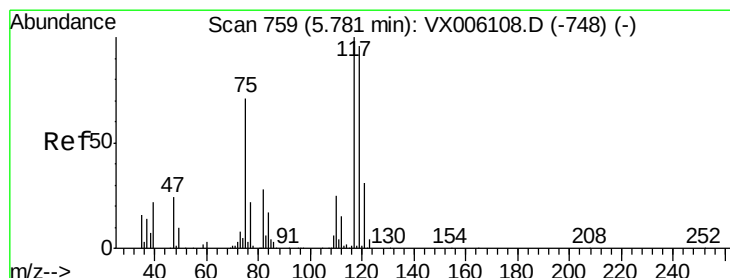
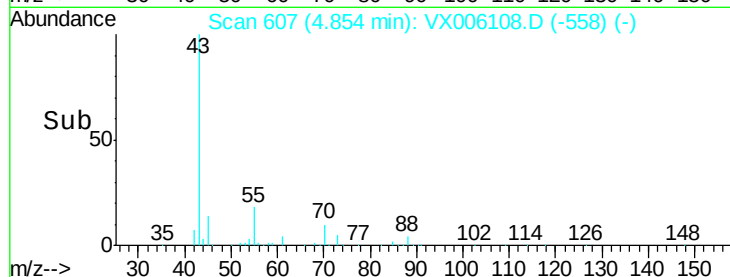
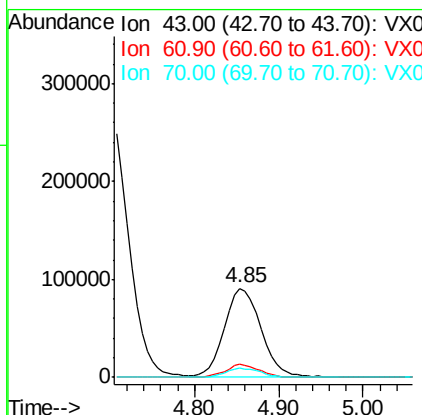
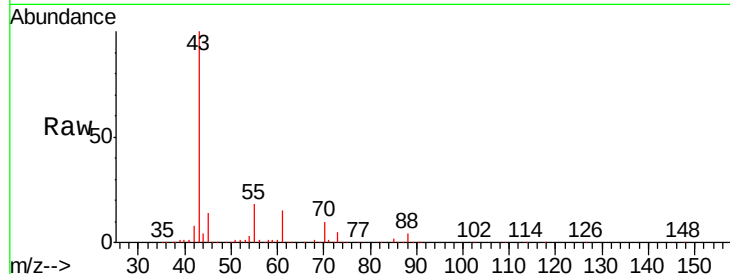
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.9	7.9	11.9

Manual Integrations
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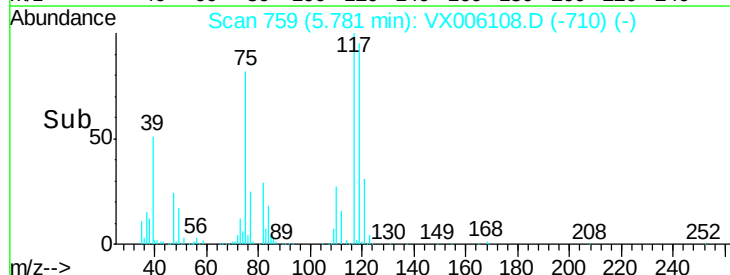
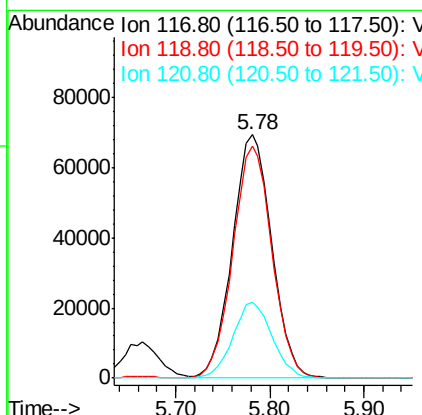
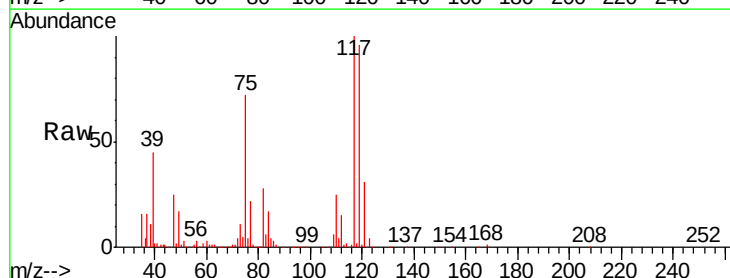
MMDadoda

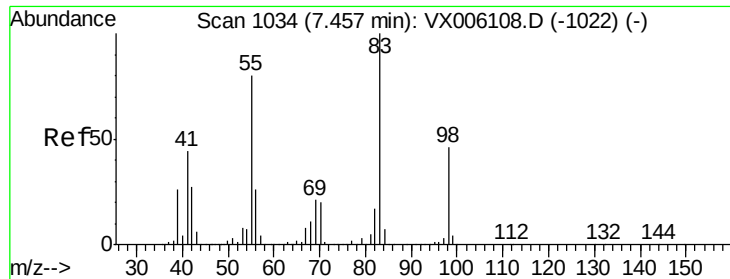
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#38
Carbon Tetrachloride
Concen: 50.76 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
121	30.9	24.7	37.1





#39
Methylcyclohexane
Concen: 50.69 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

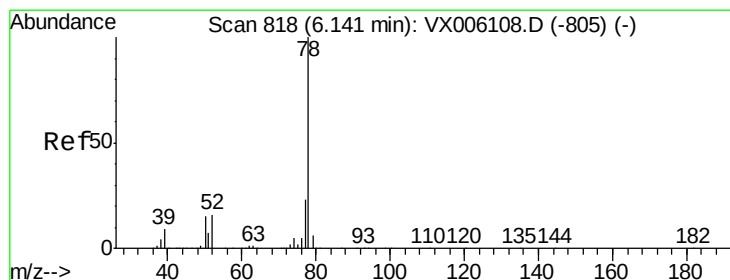
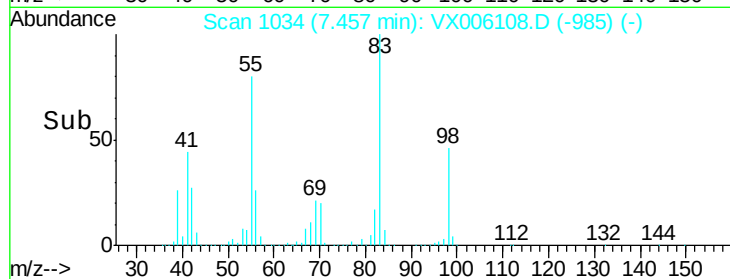
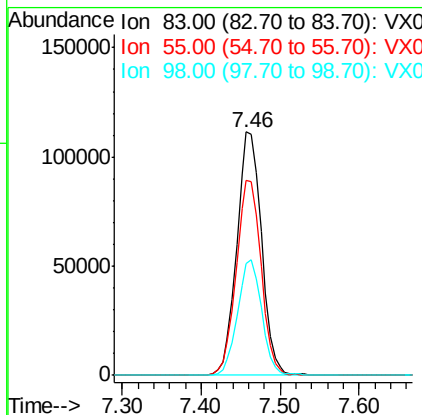
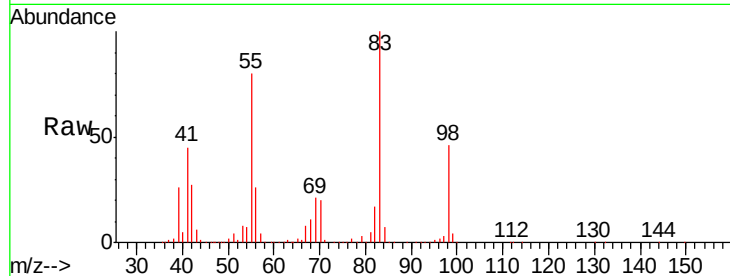
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.9	95.9
98	46.0	36.8	55.2

Manual Integrations
APPROVED

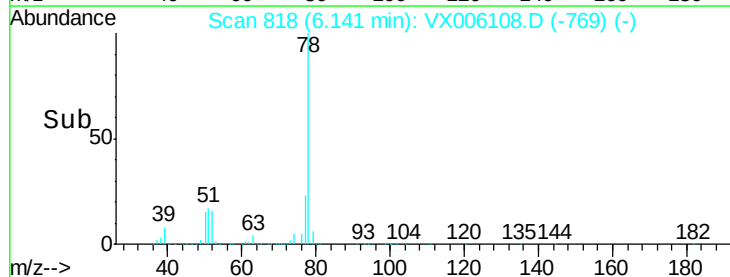
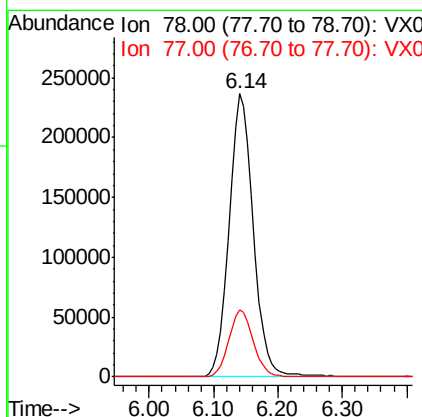
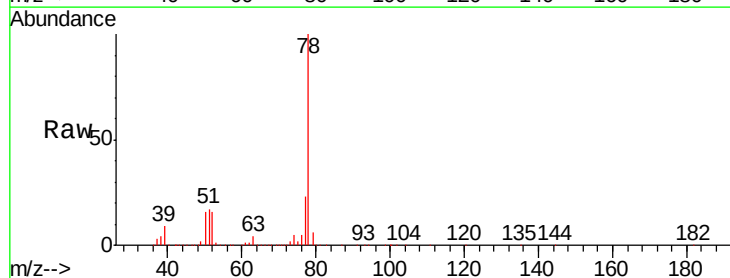
MMDadoda

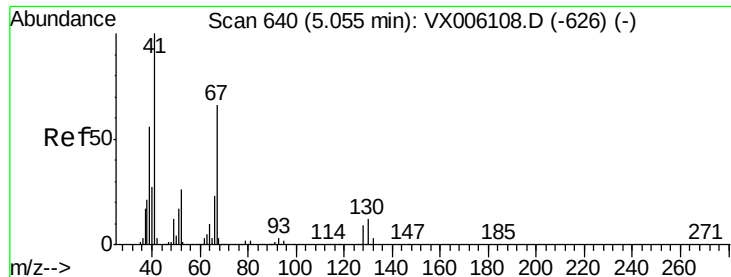
11/21/2018 10:37:18 AM



#40
Benzene
Concen: 50.14 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





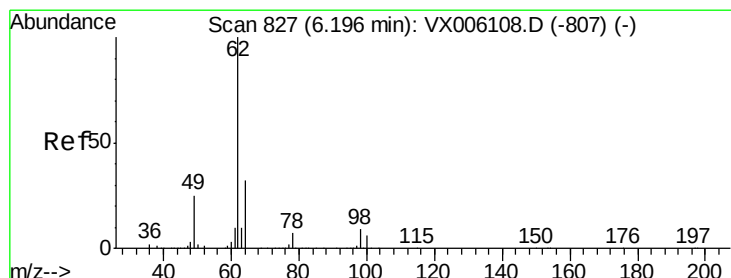
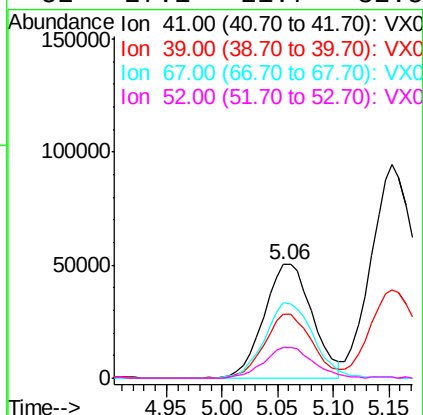
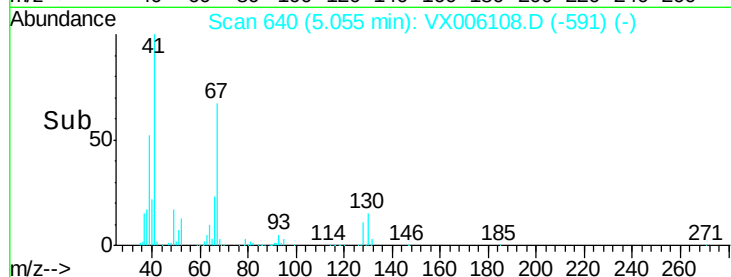
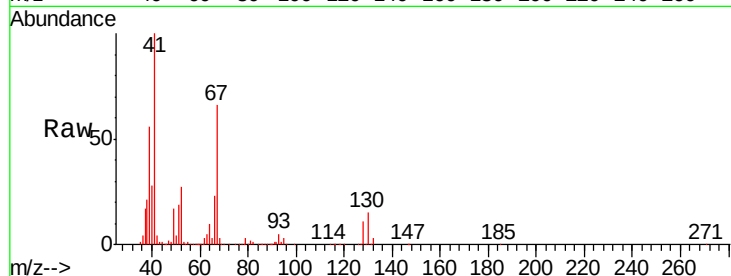
#41
Methacrylonitrile
Concen: 50.56 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	67.6	54.1	81.1
52	27.1	21.7	32.5

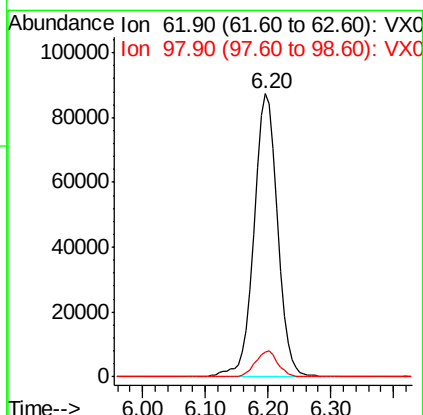
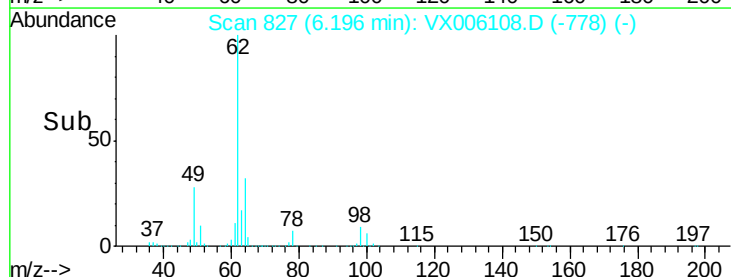
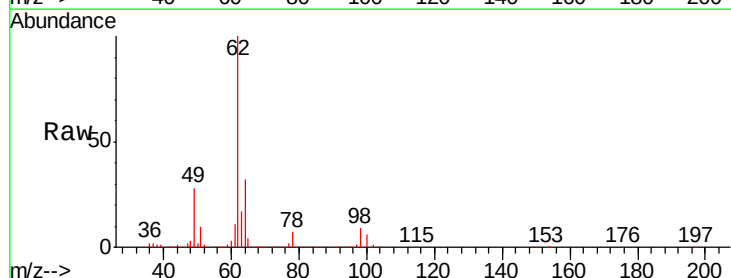
Manual Integrations
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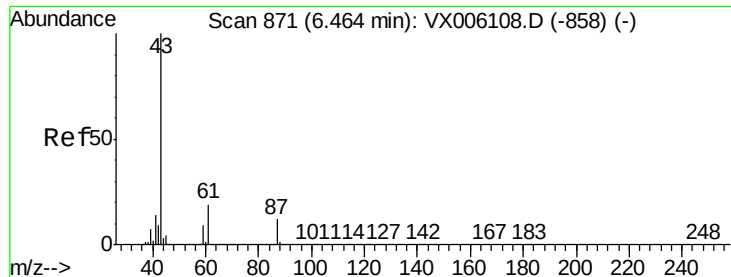
MMDadoda
11/21/2018 10:37:18 AM



#42
1,2-Dichloroethane
Concen: 49.06 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.18 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

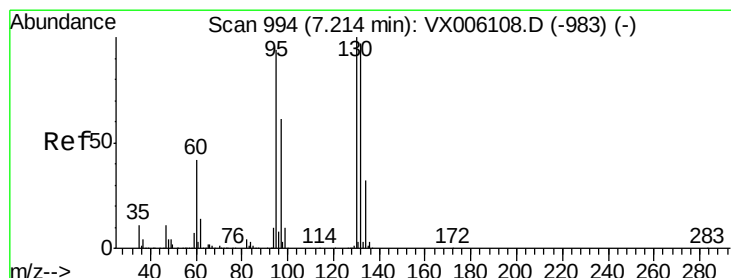
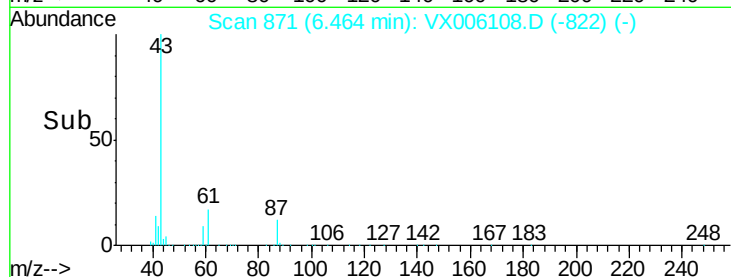
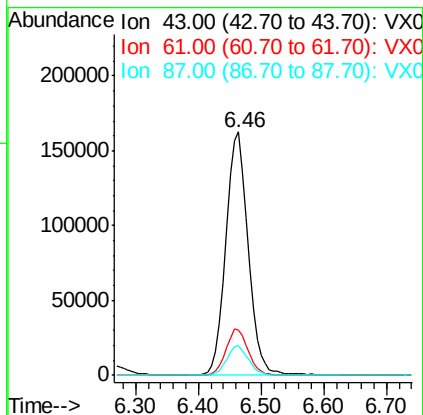
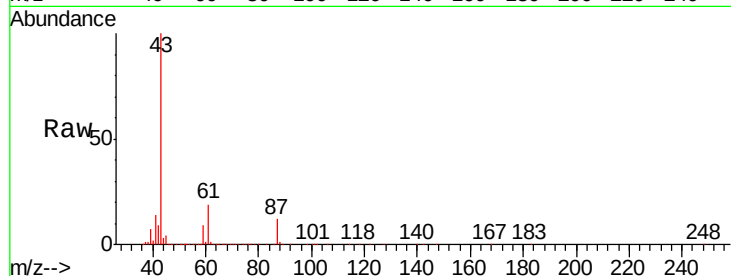
VSTDICCC050

Tgt Ion:	43	Resp:	401387
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.31 ug/l

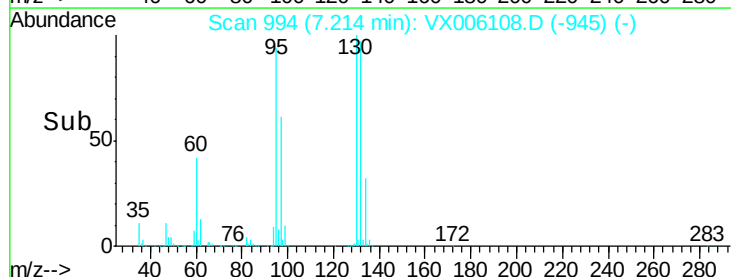
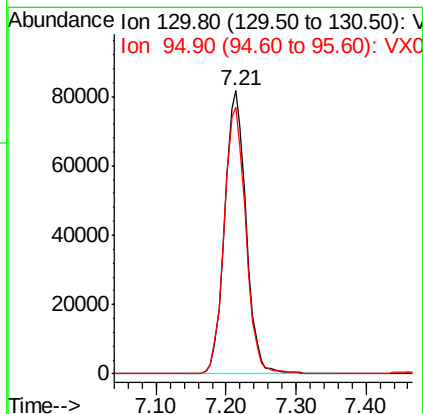
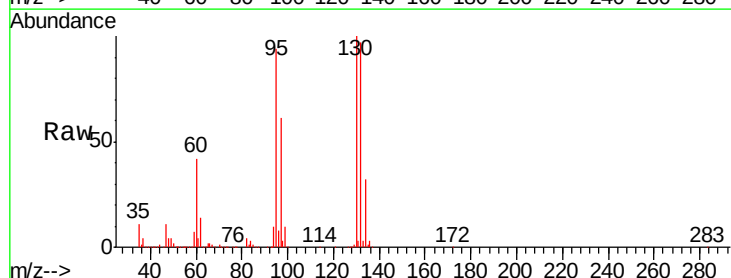
RT: 7.21 min Scan# 994

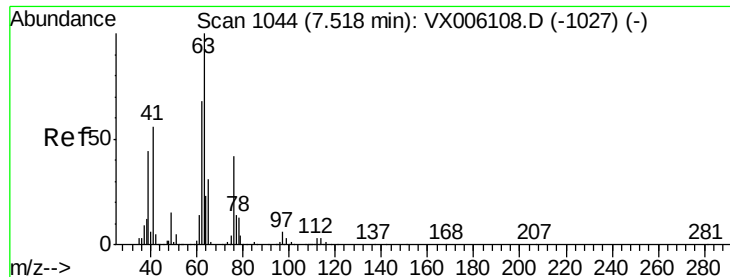
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	130	Resp:	173889
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	188.8





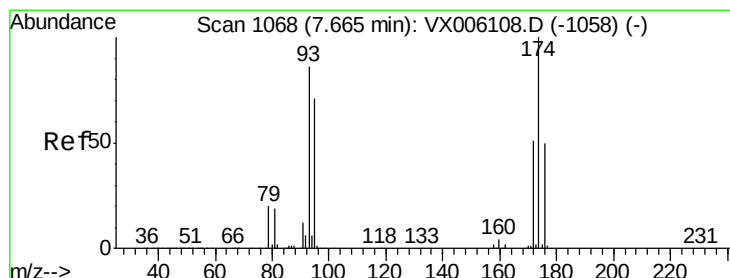
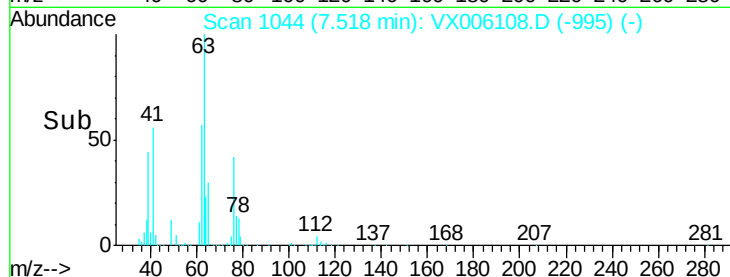
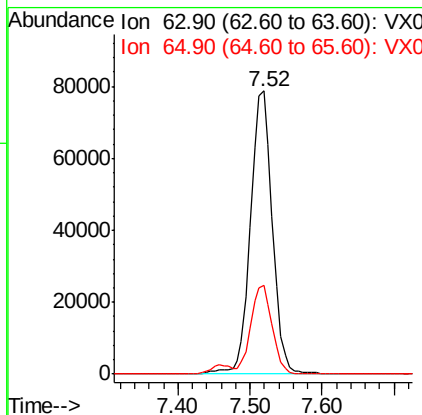
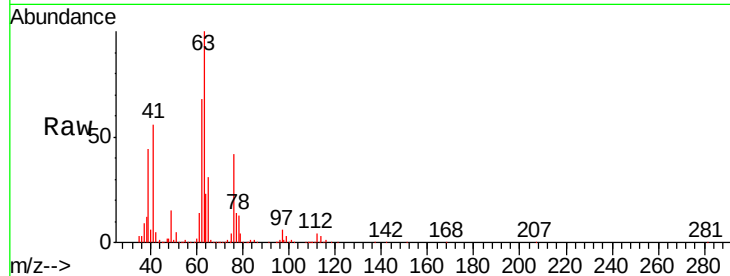
#45
 1,2-Dichloropropane
 Concen: 50.38 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 165803
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

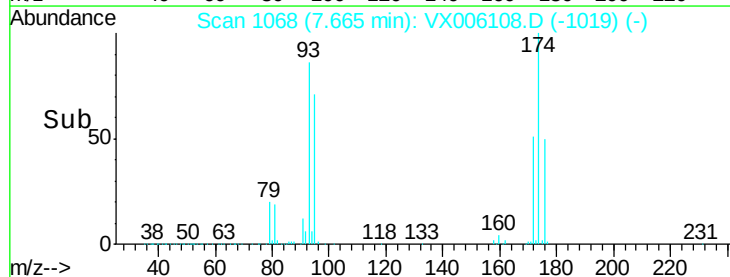
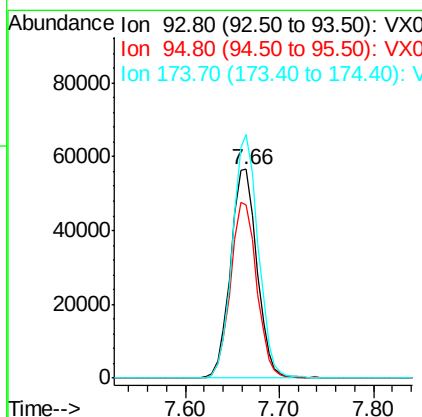
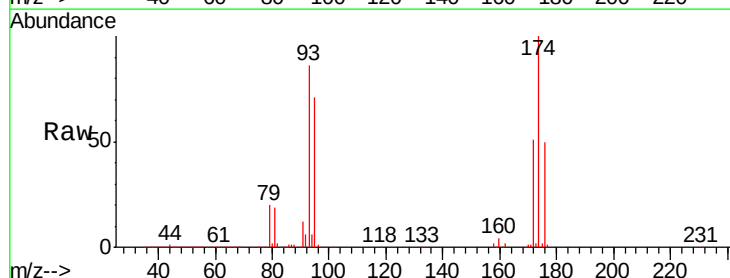
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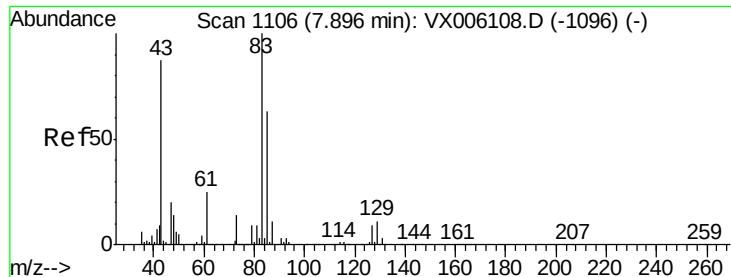
MMDadoda
 11/21/2018 10:37:18 AM



#46
 Dibromomethane
 Concen: 49.14 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 93 Resp: 110753
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 113.8 91.0 136.6





#47
Bromodichloromethane
Concen: 50.21 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

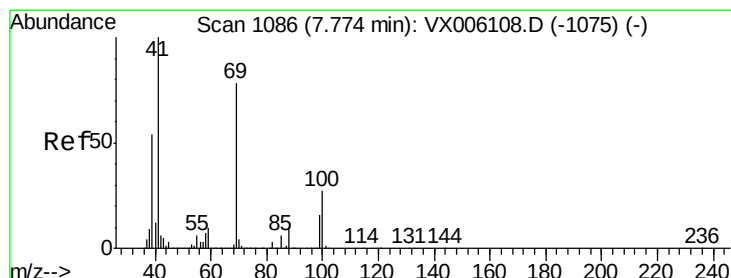
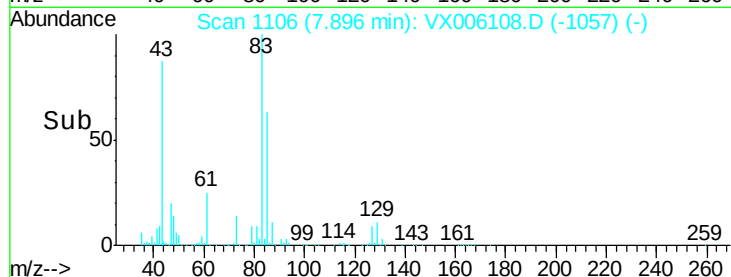
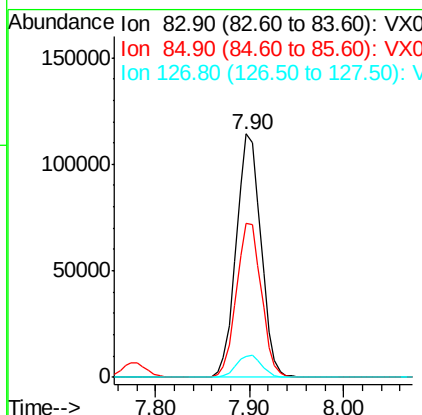
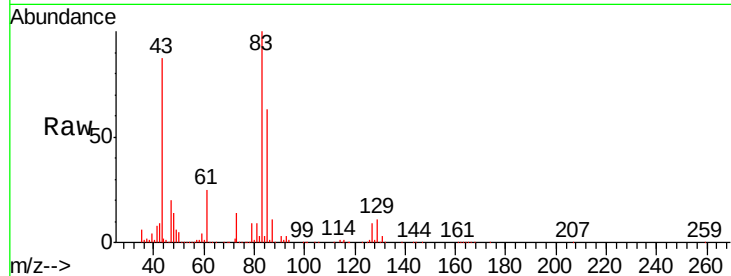
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	209291		
85	63.0		50.4	75.6
127	8.7		7.0	10.4

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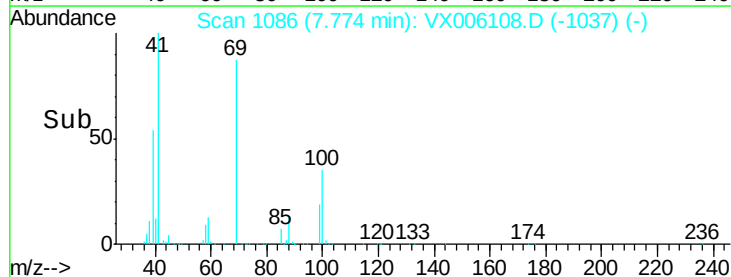
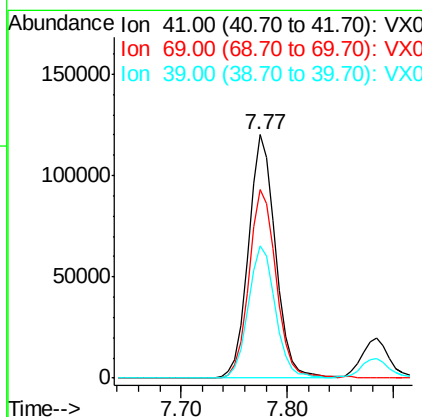
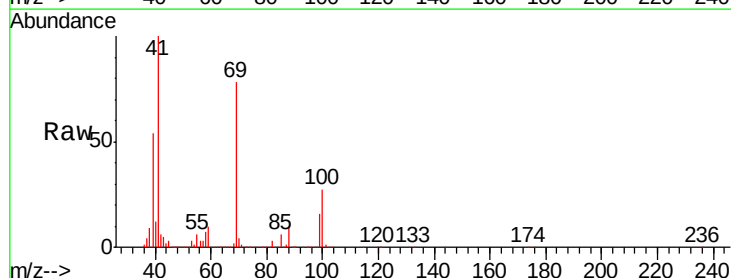
MMDadoda

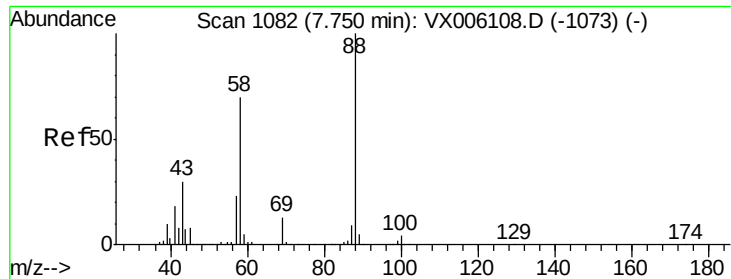
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#48
Methyl methacrylate
Concen: 53.77 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	213859		
69	78.5		62.8	94.2
39	54.7		43.8	65.6





#49
1,4-Dioxane
Concen: 1035.18 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

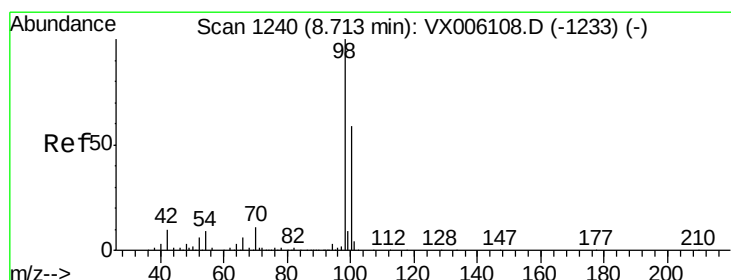
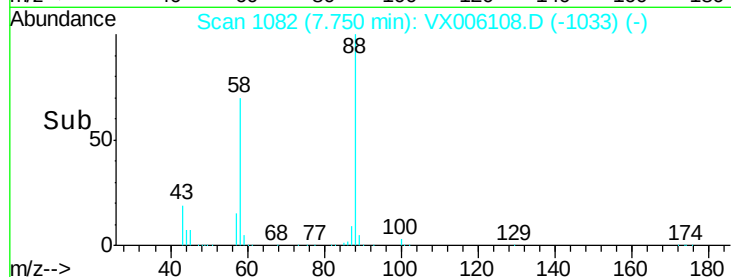
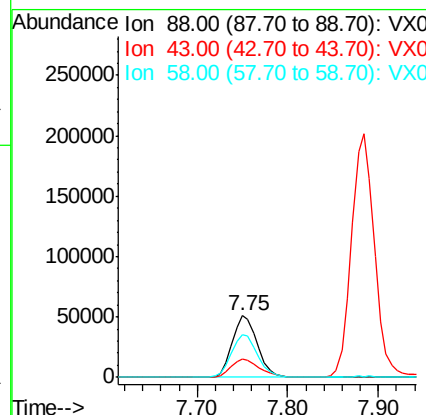
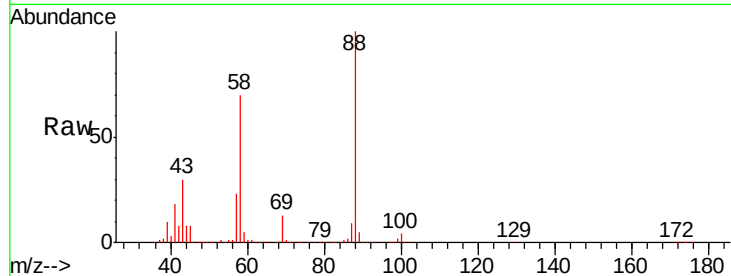
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.7	40.1
58	73.1	58.5	87.7

Manual Integrations
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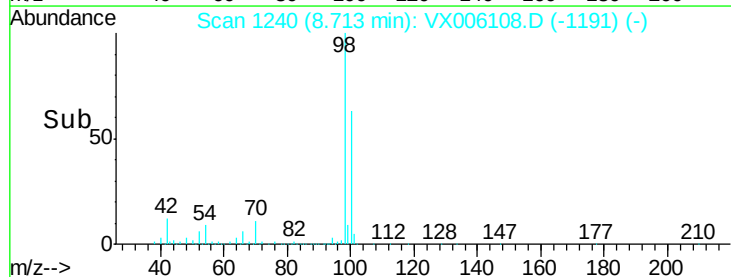
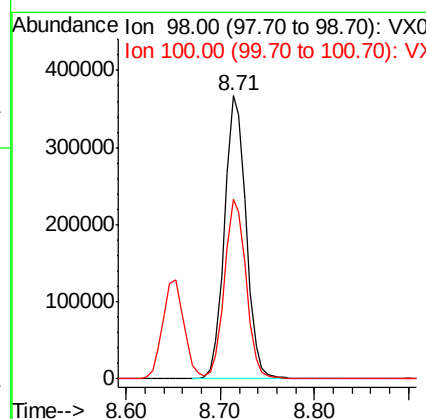
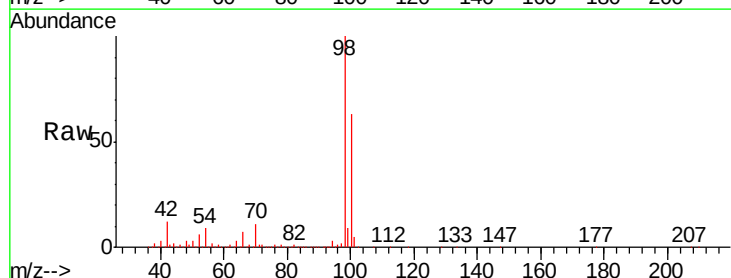
MMDadoda

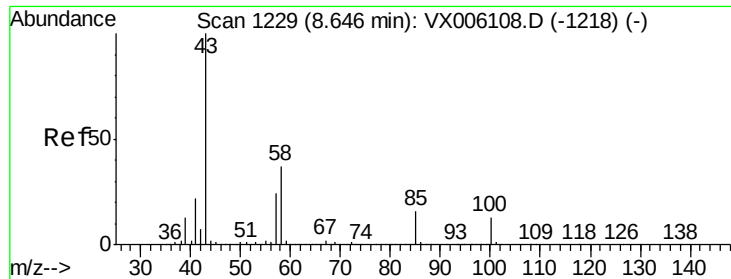
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#50
Toluene-d8
Concen: 51.08 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





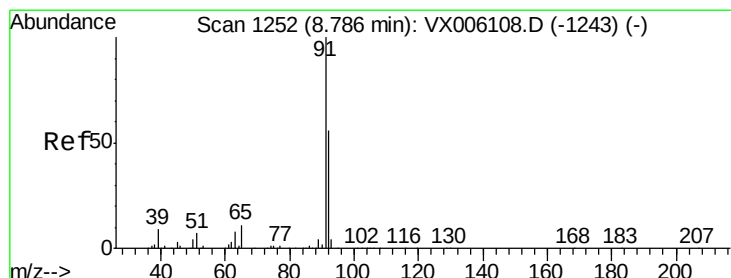
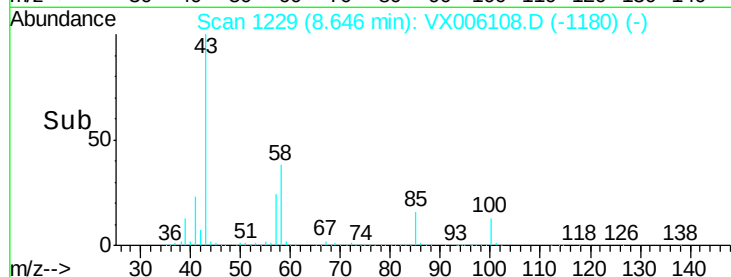
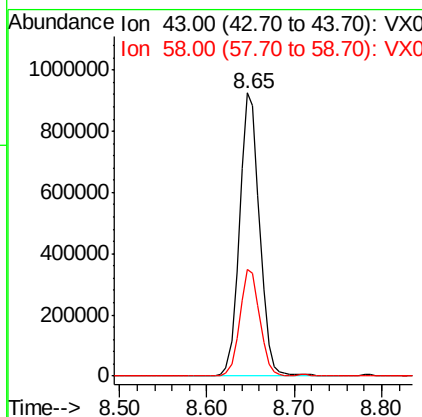
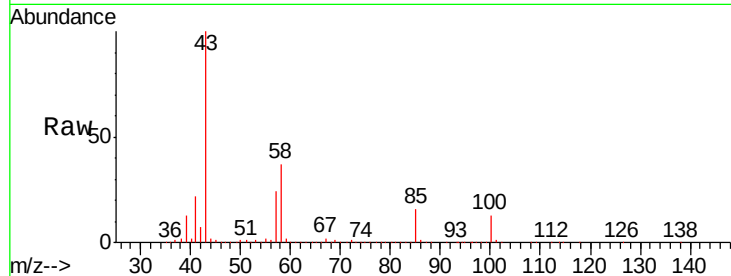
#51
4-Methyl-2-Pentanone
Concen: 262.86 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 1477858
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9

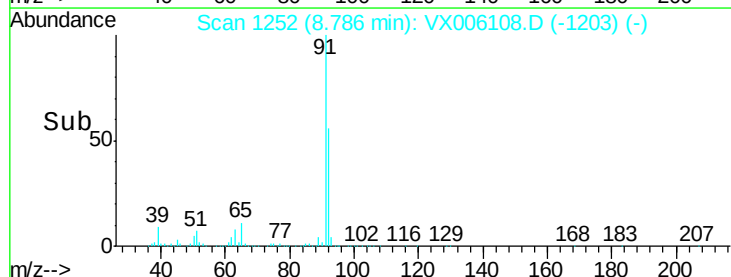
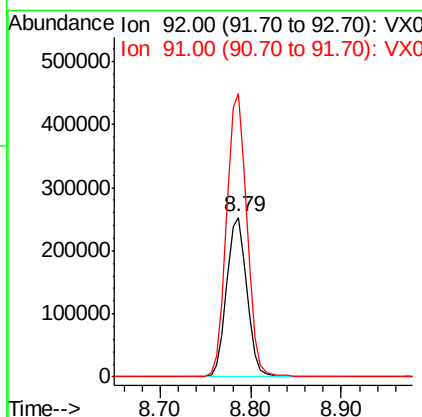
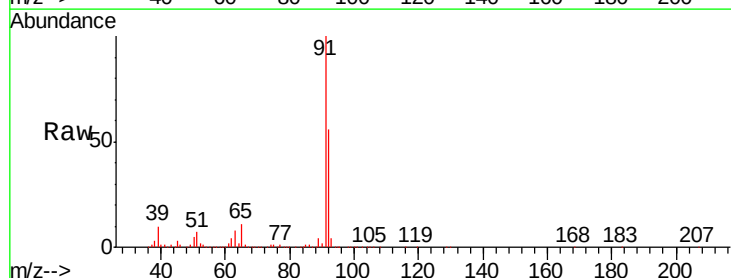
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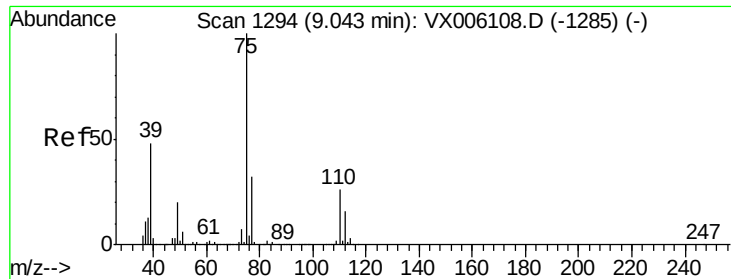
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#52
Toluene
Concen: 51.06 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 92 Resp: 392703
Ion Ratio Lower Upper
92 100
91 178.1 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 51.60 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 224454

Ion Ratio Lower Upper

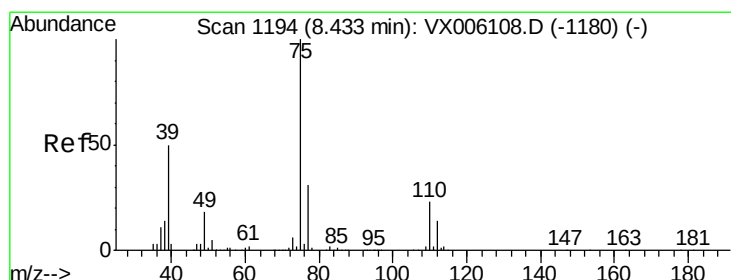
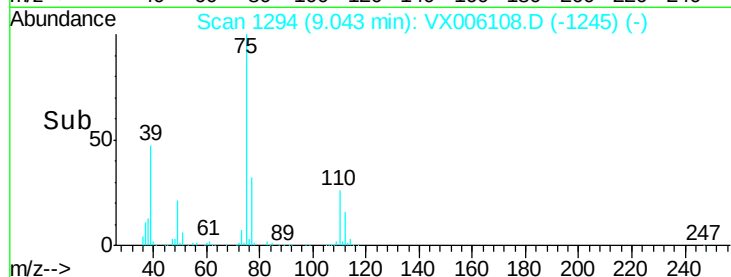
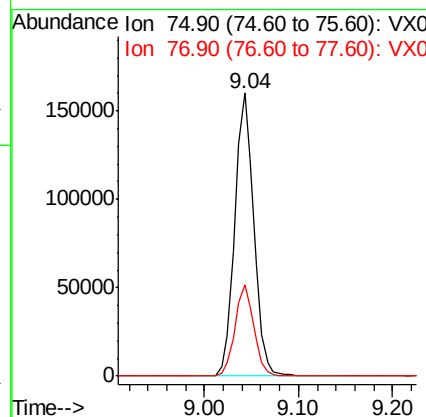
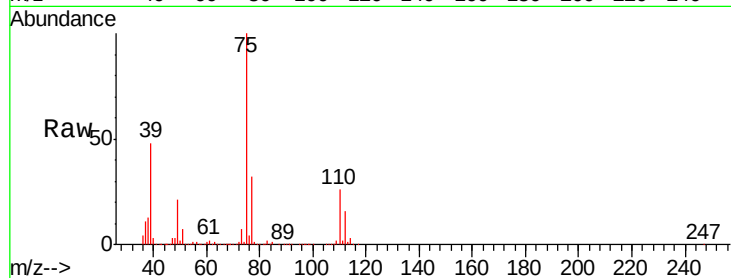
75 100

77 32.1 25.7 38.5

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 51.82 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

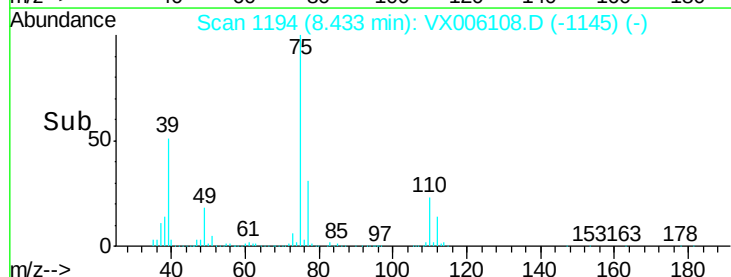
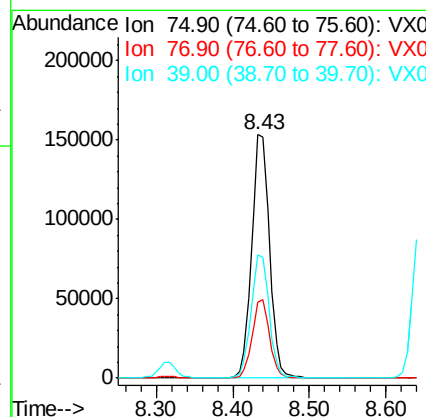
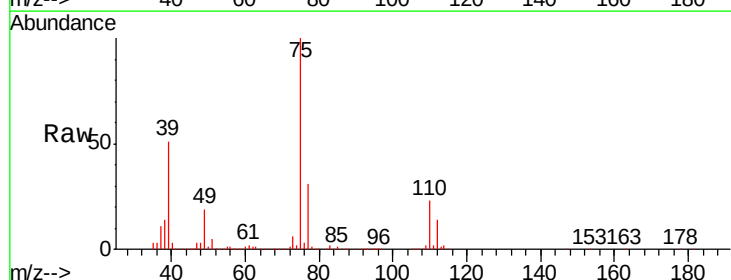
Tgt Ion: 75 Resp: 249174

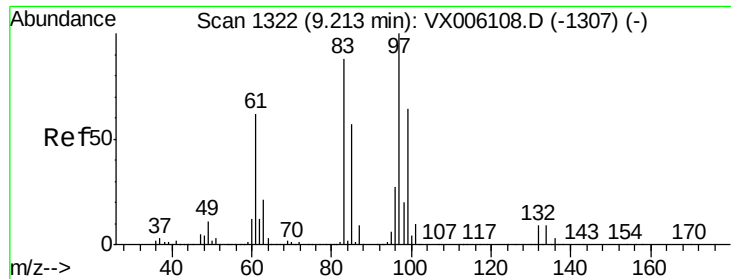
Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 50.4 40.3 60.5





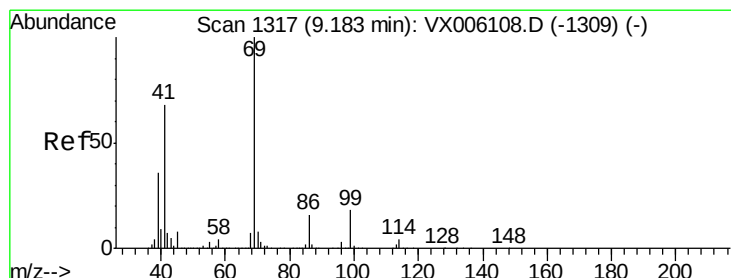
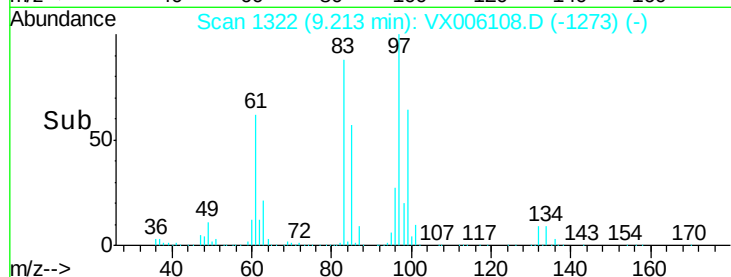
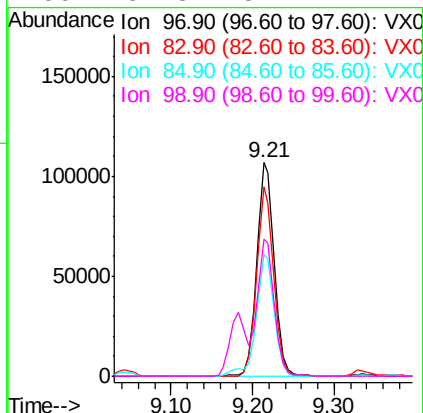
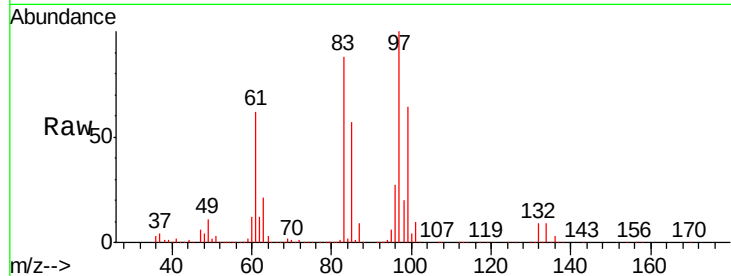
#55
 1,1,2-Trichloroethane
 Concen: 49.02 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	163293
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.7	106.1
85	57.1	45.7	68.5
99	64.3	51.4	77.2

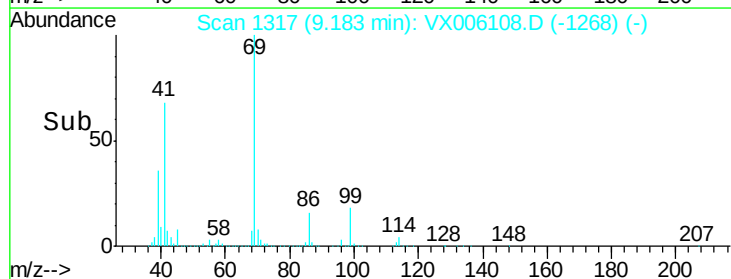
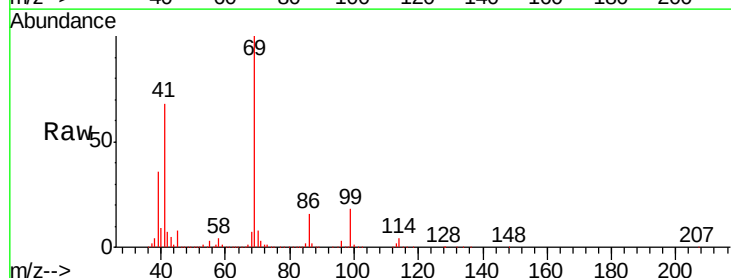
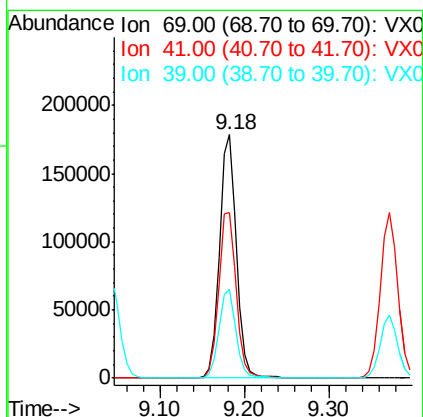
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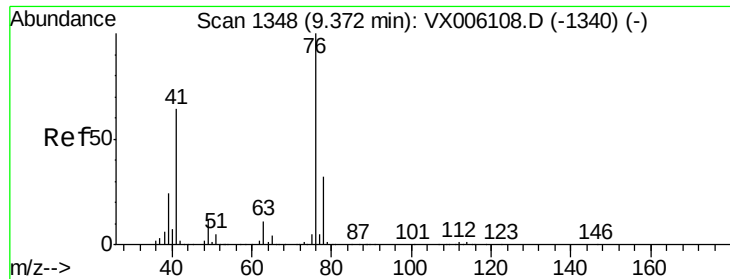
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#56
 Ethyl methacrylate
 Concen: 54.21 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion:	69	Resp:	247936
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	36.7	29.4	44.0





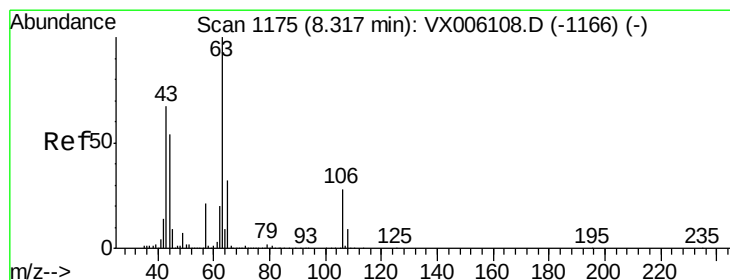
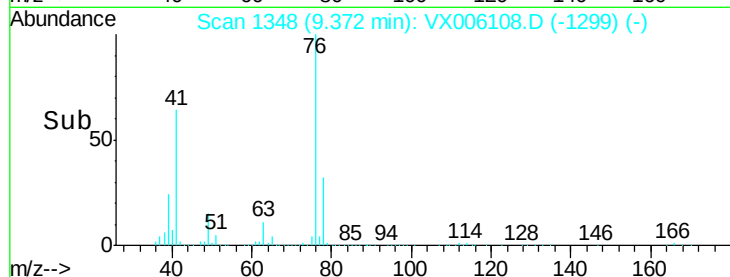
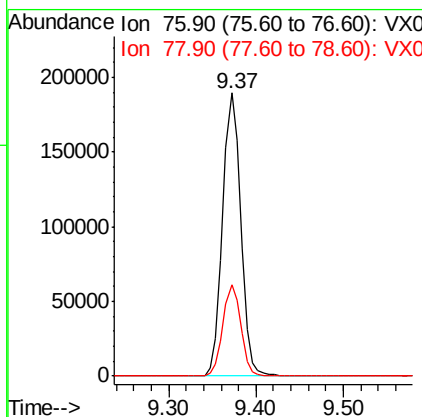
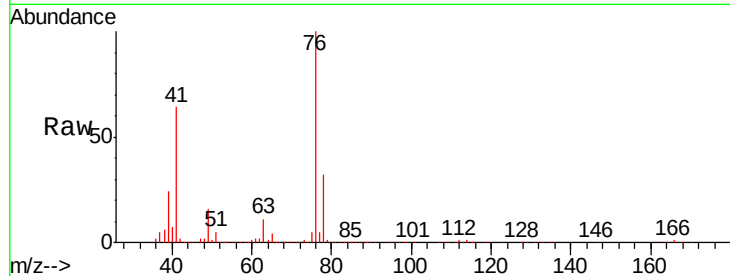
#57
 1,3-Dichloropropane
 Concen: 49.75 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 273147
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

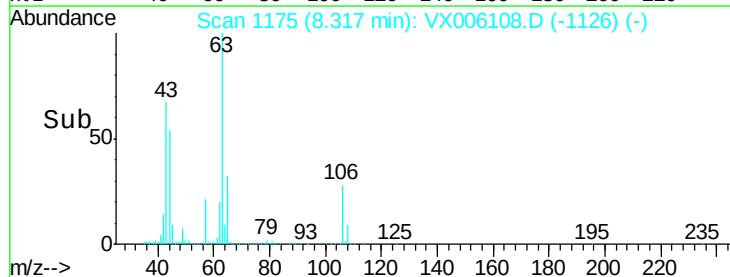
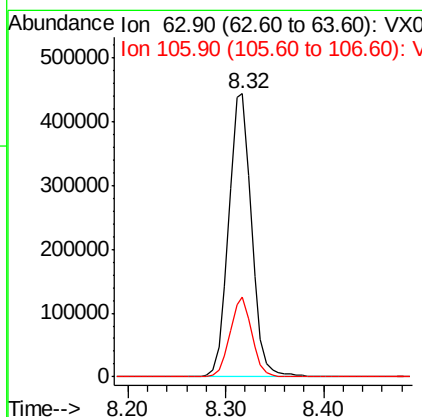
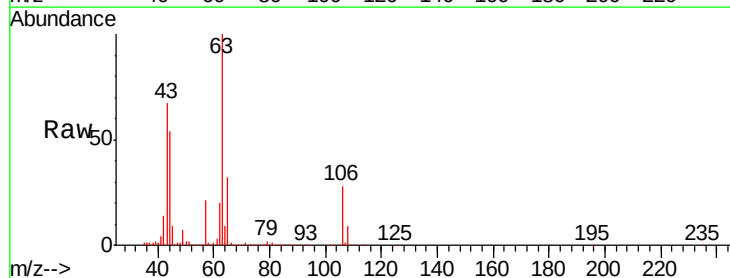
Manual Integrations
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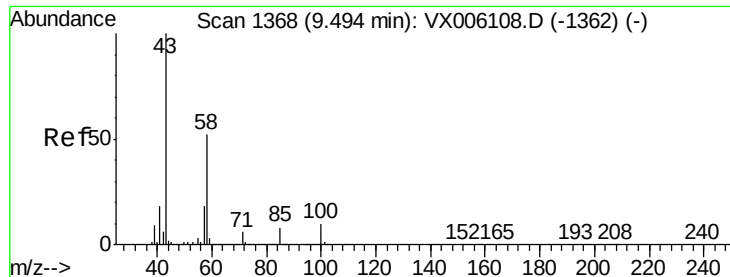
MMDadoda
 11/21/2018 10:37:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.71 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 63 Resp: 716861
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5





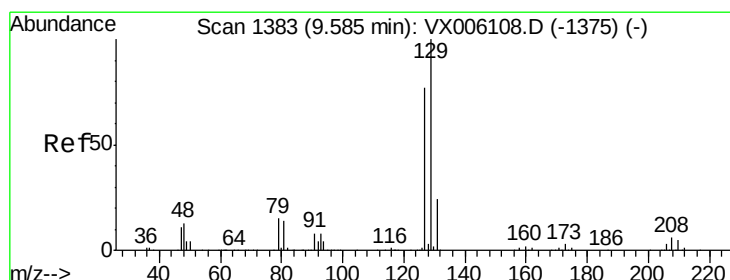
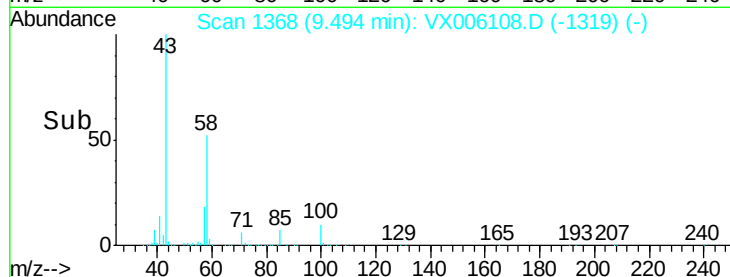
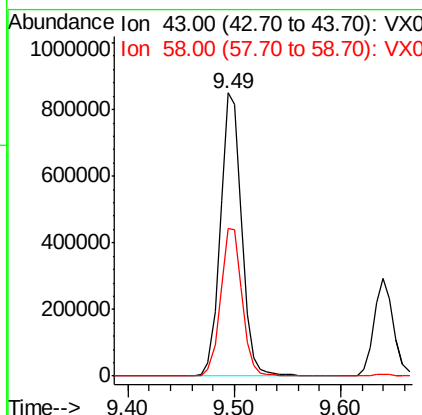
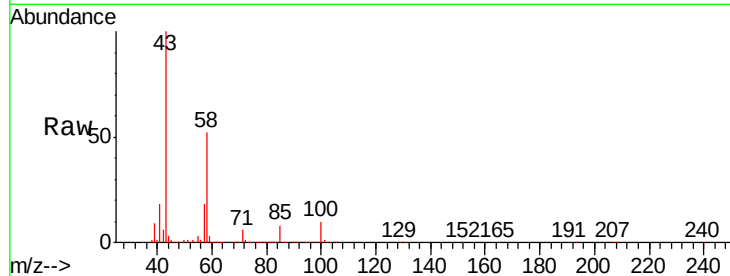
#59
2-Hexanone
Concen: 264.60 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1180585
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9

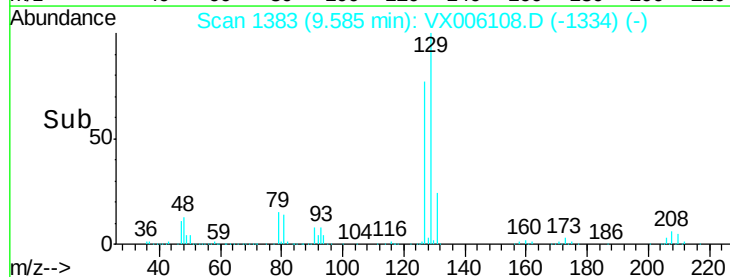
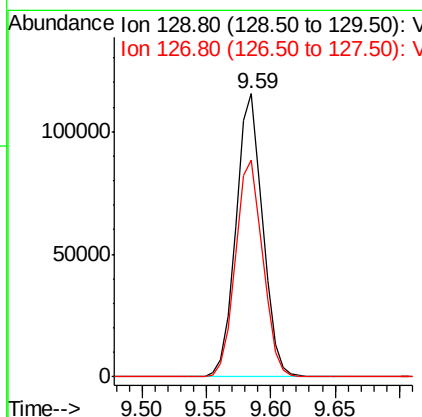
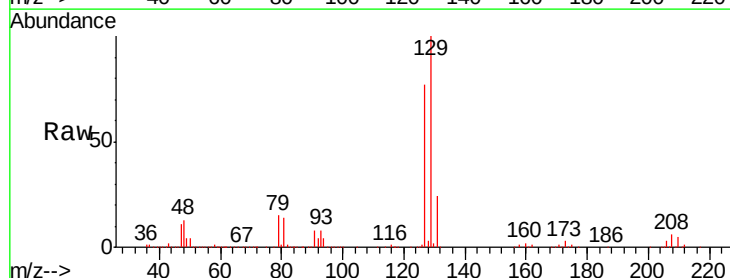
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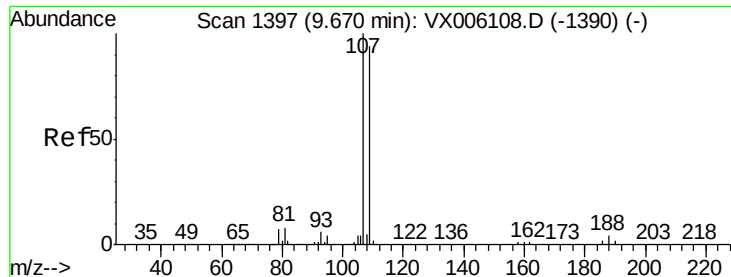
MMDadoda
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#60
Dibromochloromethane
Concen: 50.95 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 129 Resp: 166384
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#61

1,2-Dibromoethane

Concen: 50.43 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 107 Resp: 173069

Ion Ratio Lower Upper

107 100

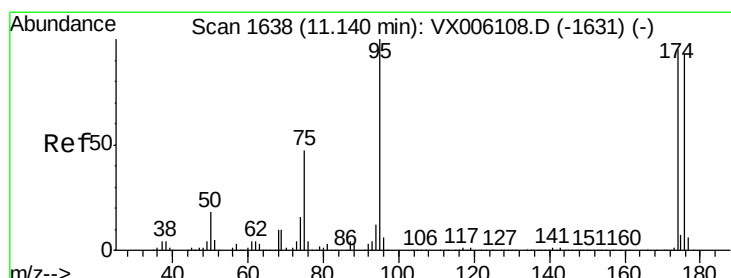
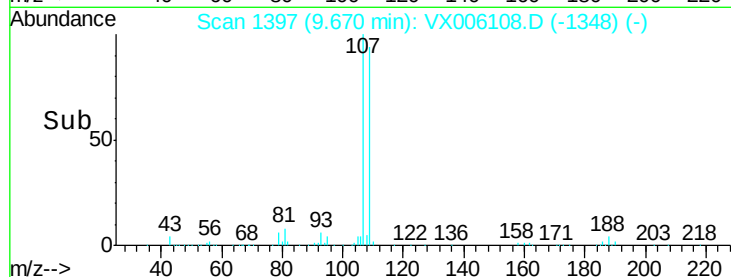
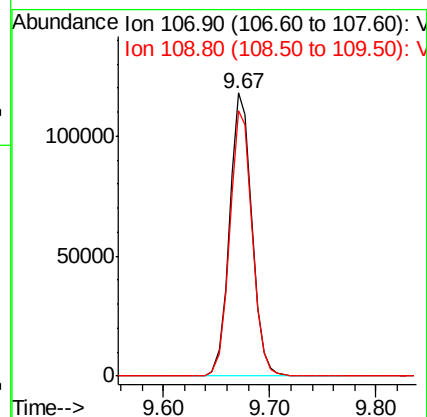
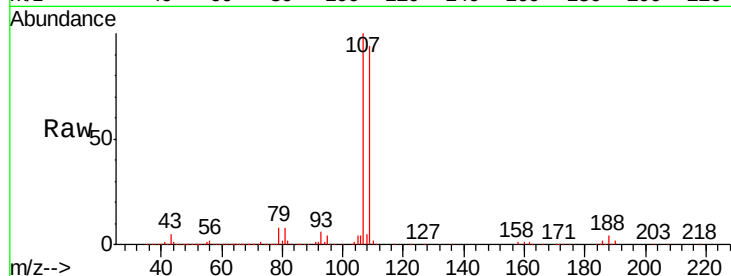
109 94.6 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.53 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

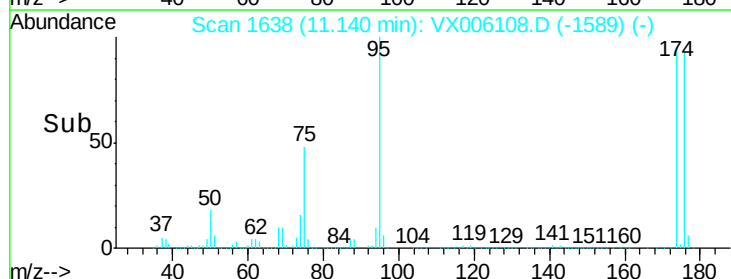
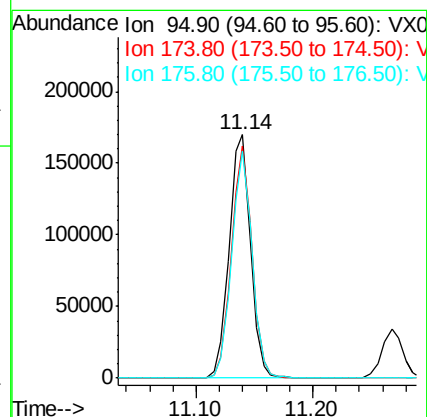
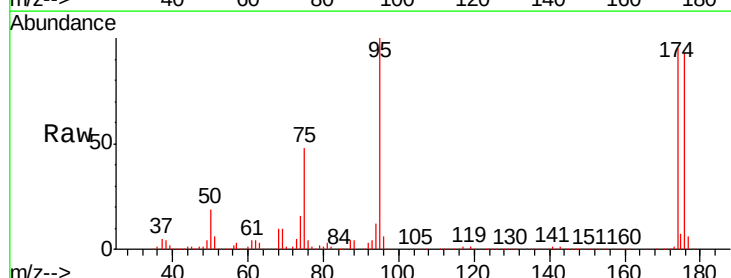
Tgt Ion: 95 Resp: 215350

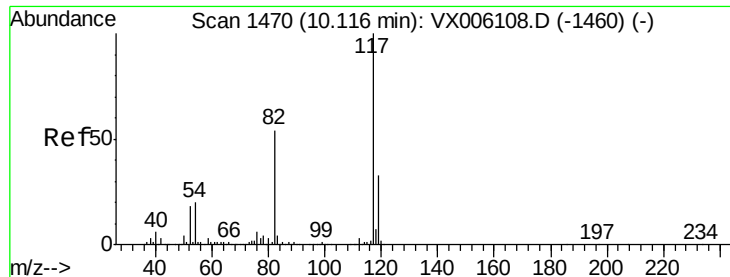
Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

176 89.5 0.0 179.0





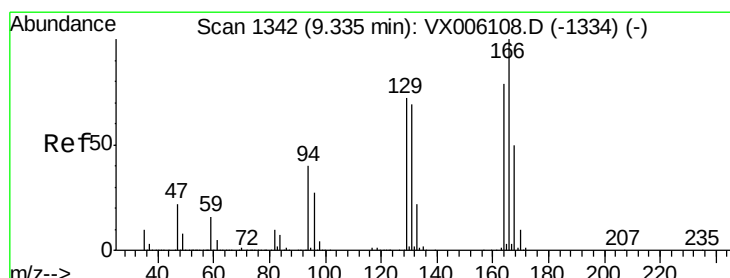
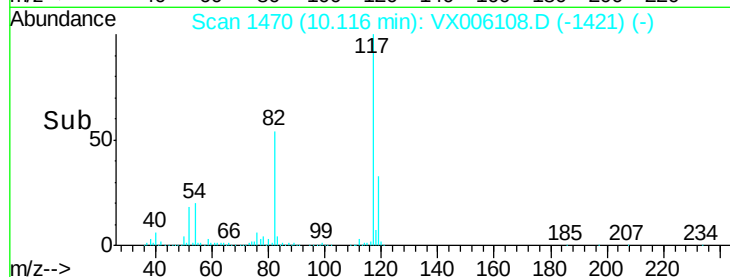
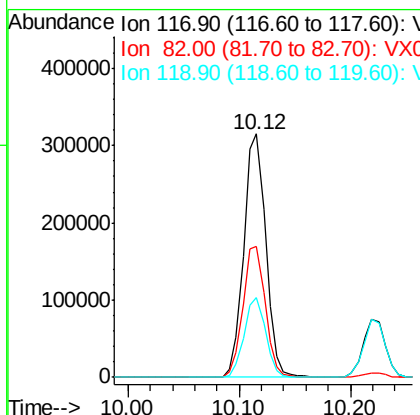
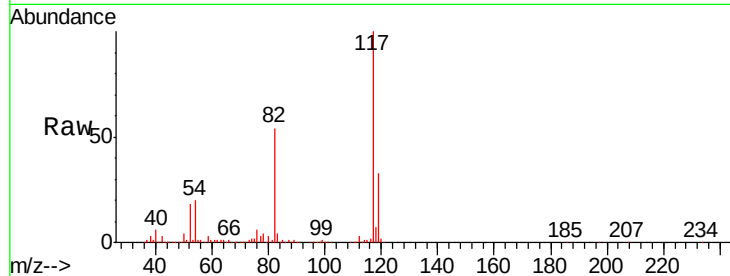
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	433641		
82	53.7	43.0	64.4	
119	32.6	26.1	39.1	

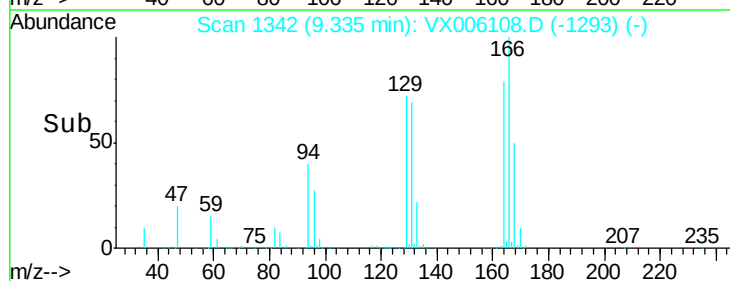
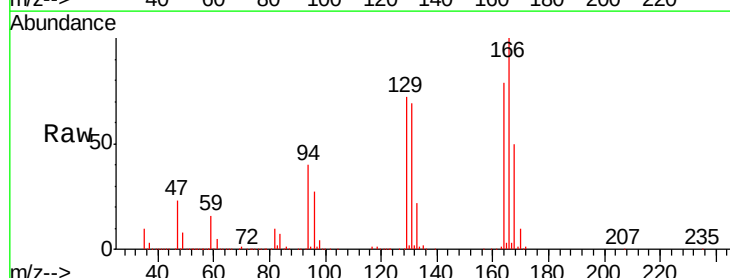
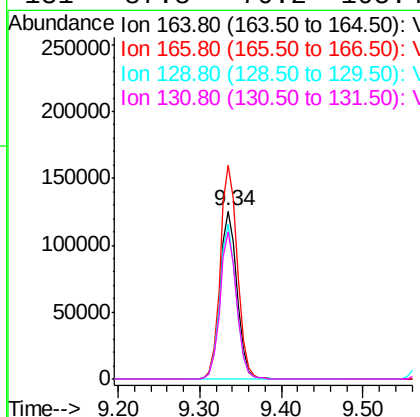
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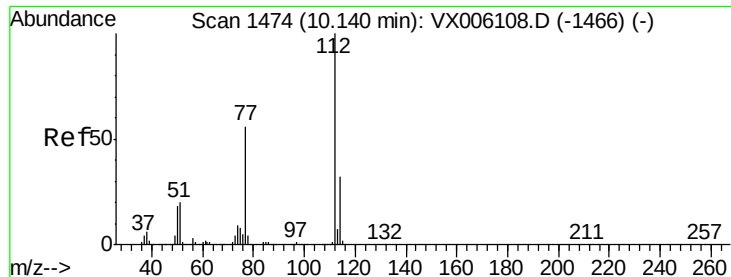
MMDadoda
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#64
Tetrachloroethene
Concen: 50.78 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181212		
166	126.9	101.5	152.3	
129	91.7	73.4	110.0	
131	87.8	70.2	105.4	





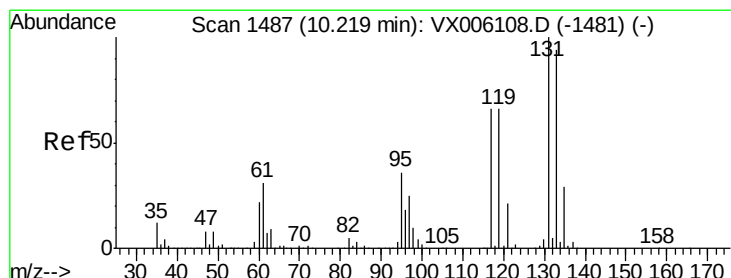
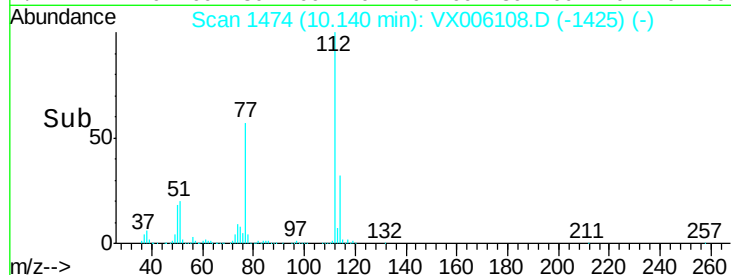
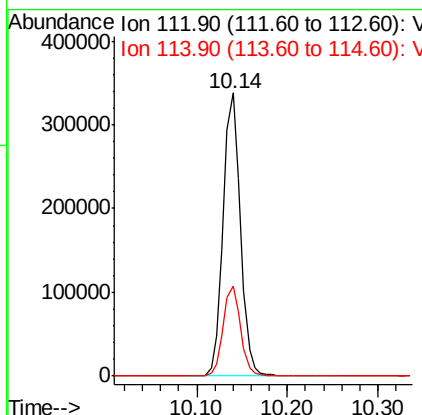
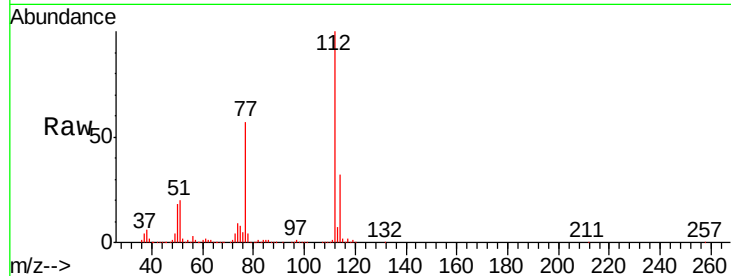
#65
Chlorobenzene
Concen: 50.67 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 450724
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

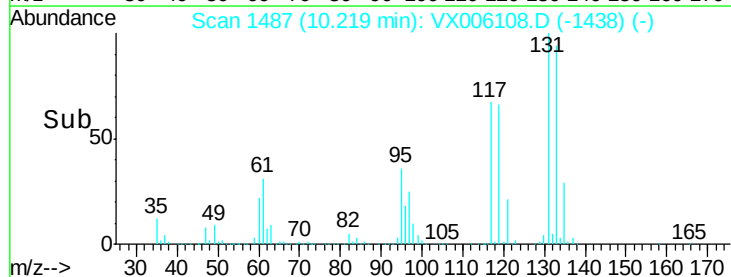
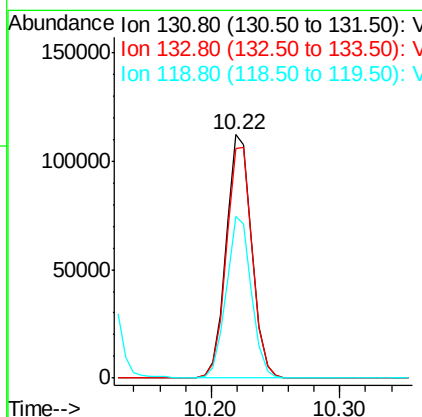
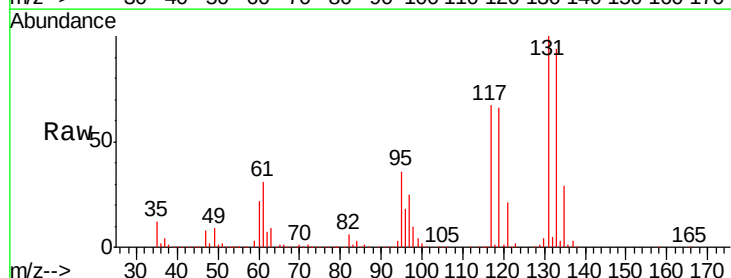
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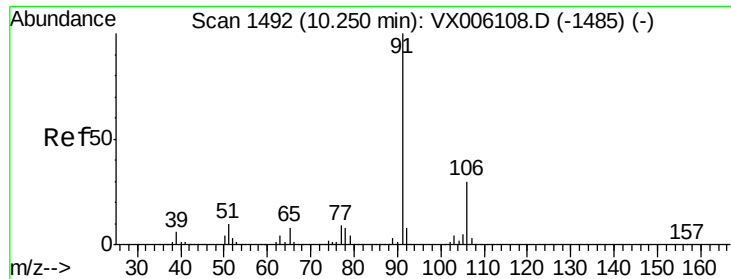
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.21 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:131 Resp: 156375
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 53.25 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tgt Ion: 91 Resp: 775600

Ion Ratio Lower Upper

91 100

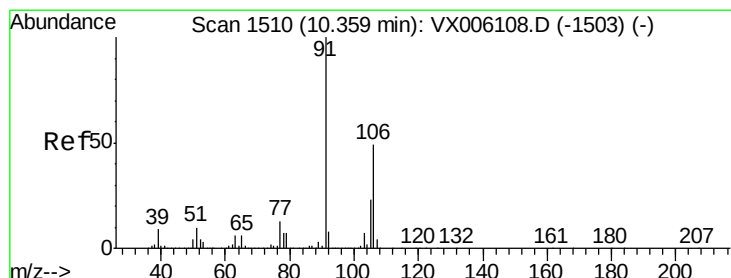
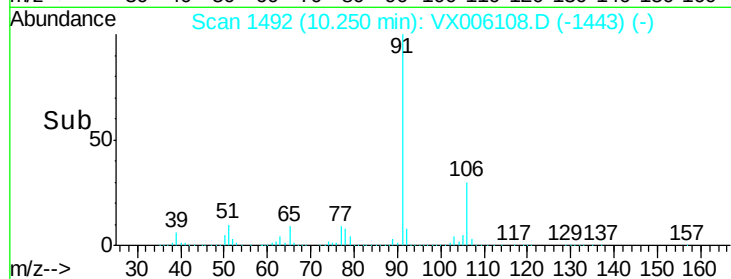
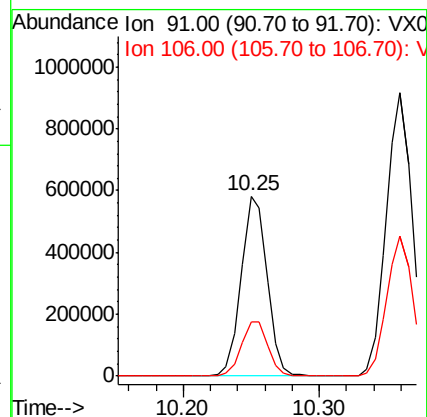
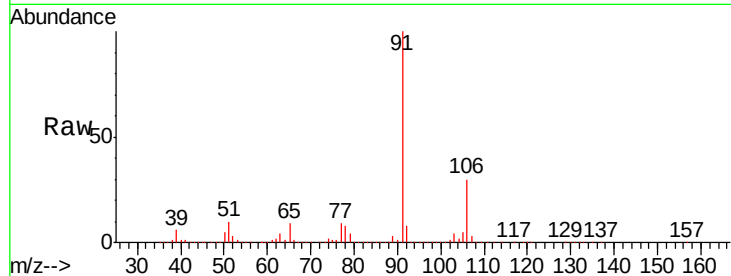
106 30.5 24.4 36.6

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#68

m/p-Xylenes

Concen: 107.06 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006108.D

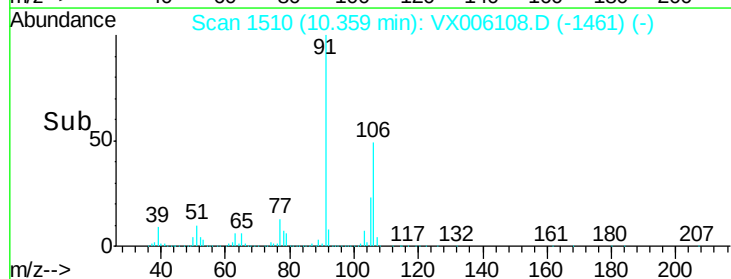
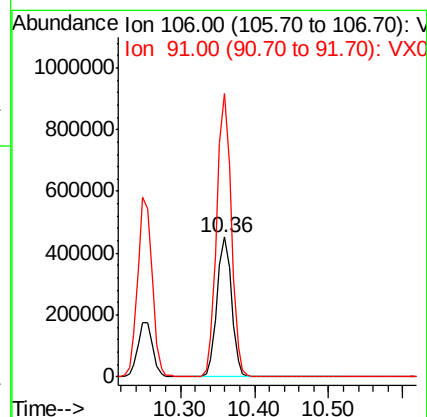
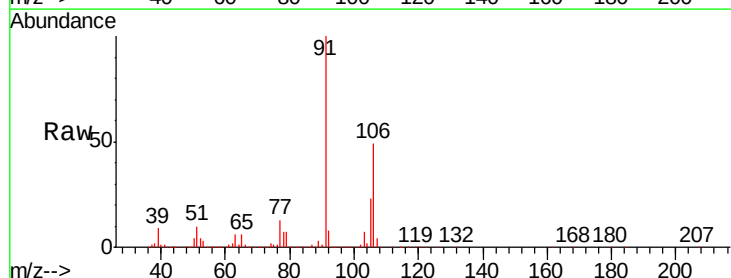
Acq: 20 Nov 2018 18:36

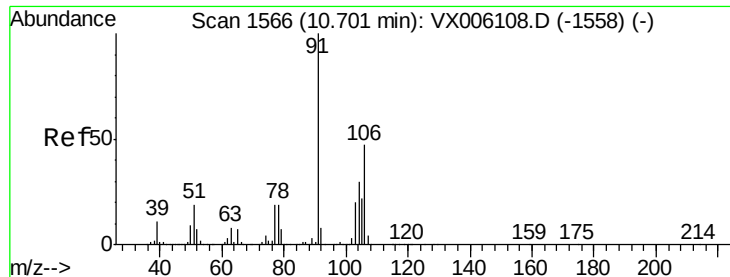
Tgt Ion: 106 Resp: 607150

Ion Ratio Lower Upper

106 100

91 202.5 162.0 243.0





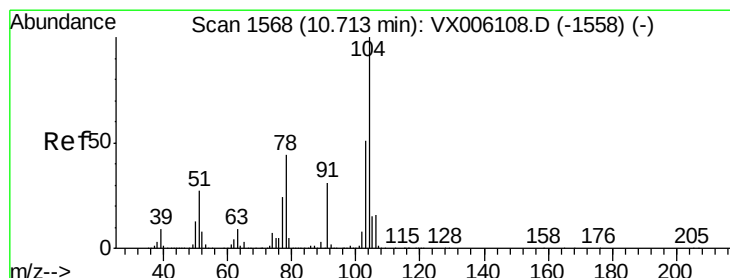
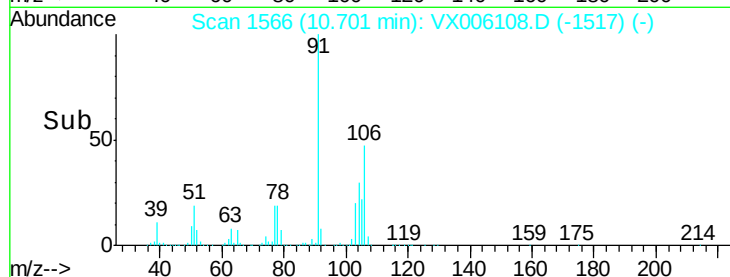
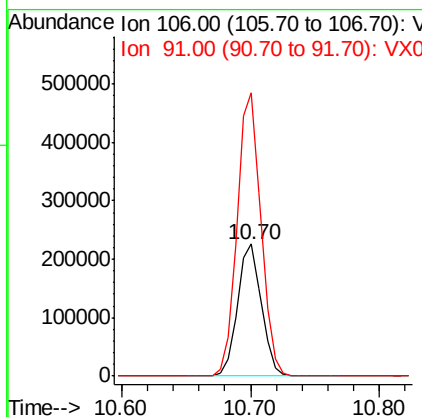
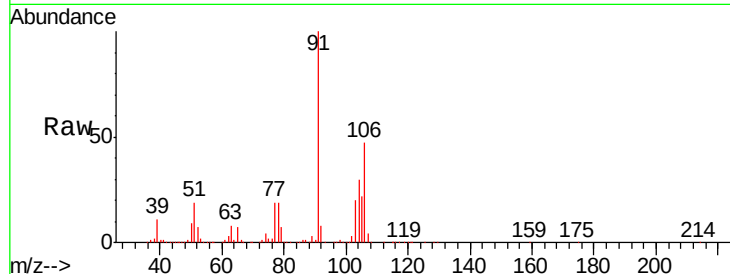
#69
o-Xylene
Concen: 53.43 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 289464
Ion Ratio Lower Upper
106 100
91 214.8 107.4 322.2

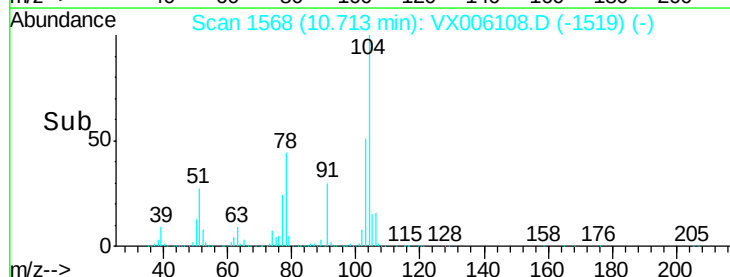
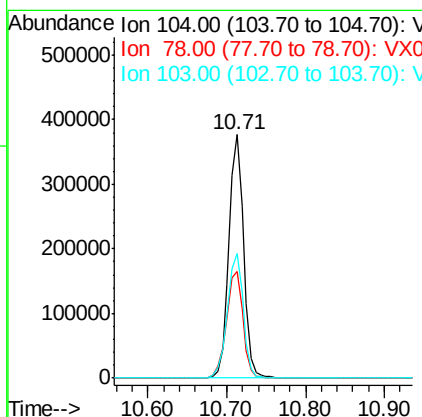
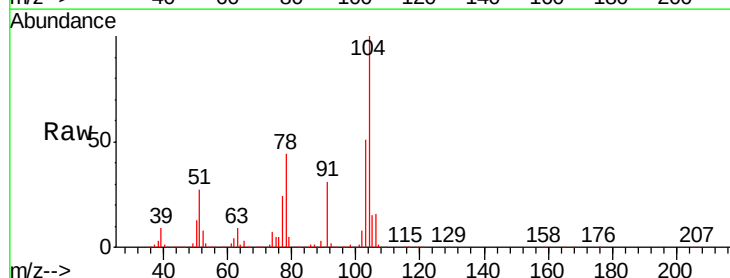
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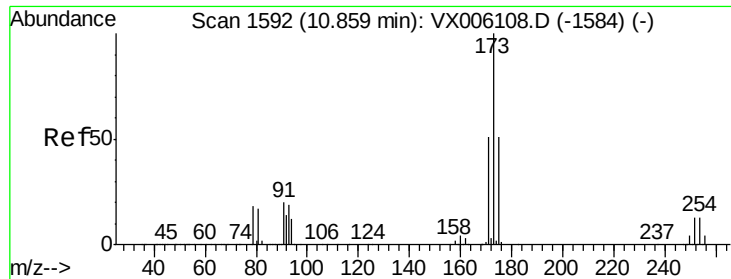
MMDadoda
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#70
Styrene
Concen: 55.11 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:104 Resp: 486758
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 55.8 44.6 67.0





#71

Bromoform

Concen: 49.79 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

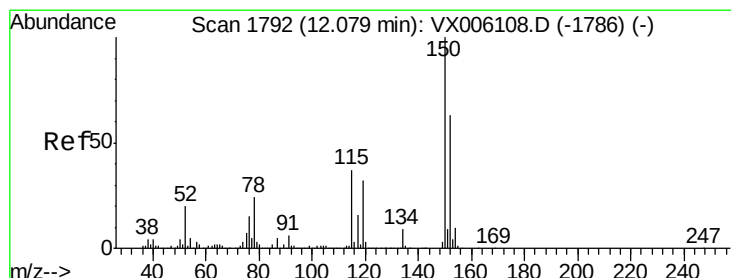
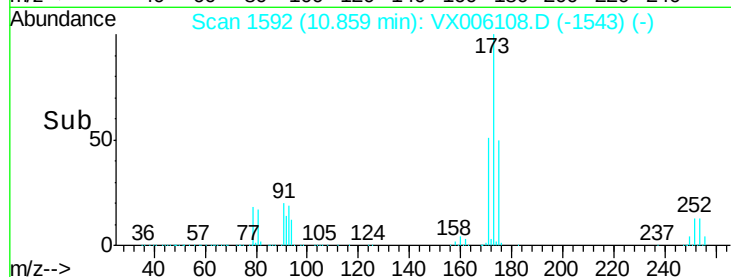
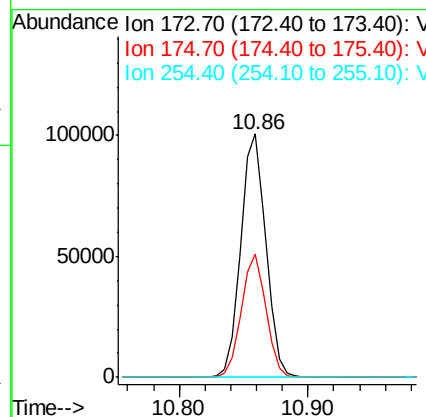
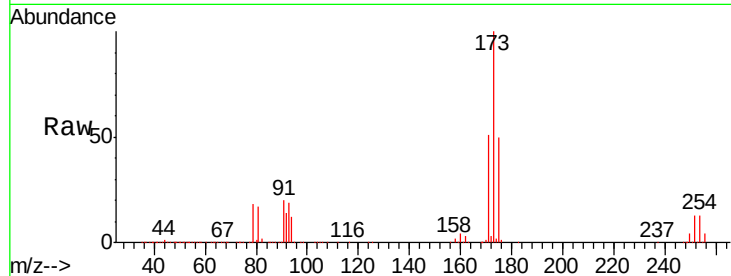
VSTDICCC050

Tgt Ion:	173	Resp:	136091
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.9	74.6
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

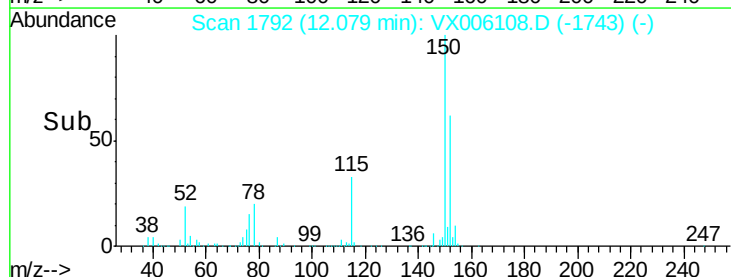
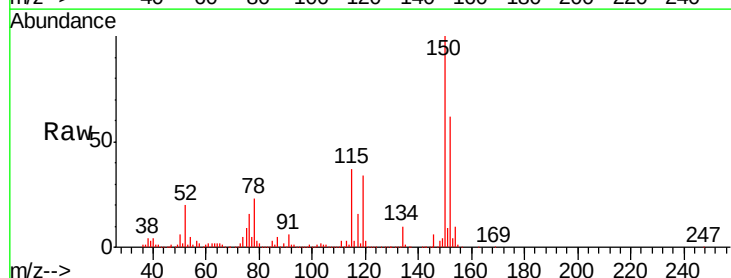
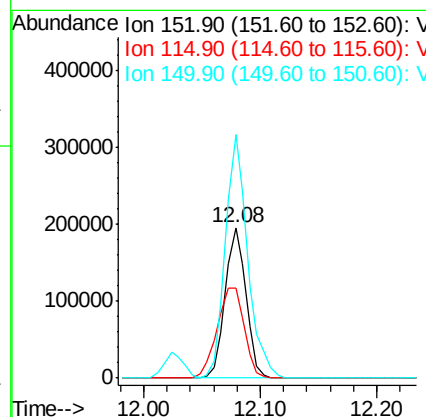
RT: 12.08 min Scan# 1792

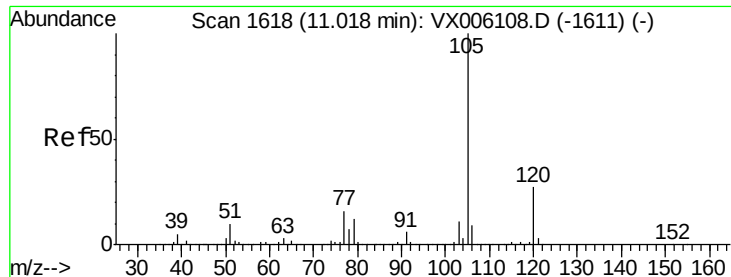
Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion:	152	Resp:	241043
Ion Ratio	Lower	Upper	
152	100		
115	77.9	39.0	116.9
150	173.3	0.0	346.6





#73

Isopropylbenzene

Concen: 54.07 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 788539

Ion Ratio Lower Upper

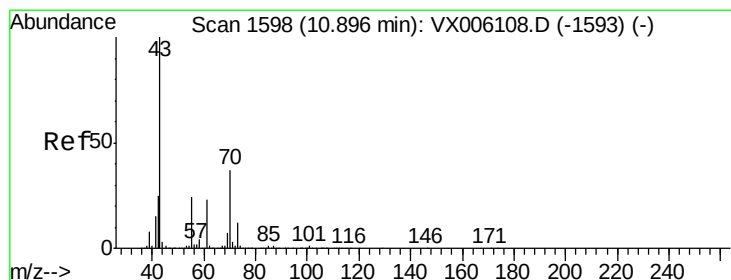
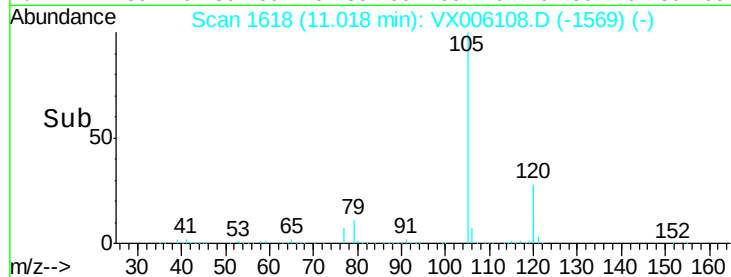
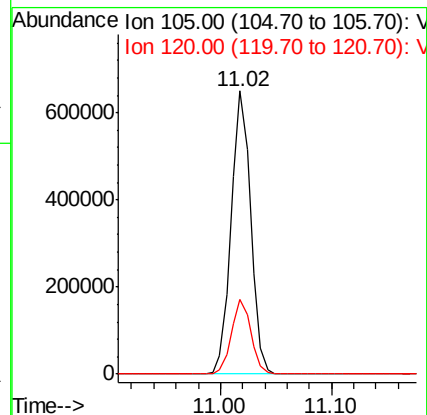
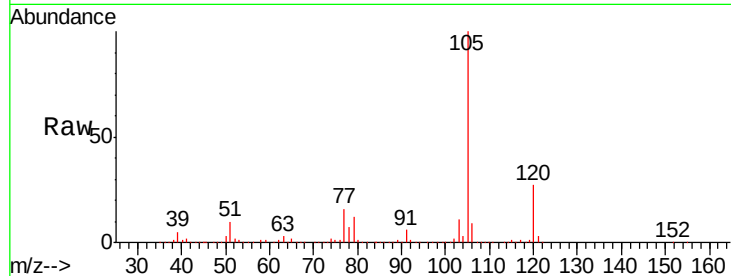
105 100

120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 54.22 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion: 43 Resp: 359015

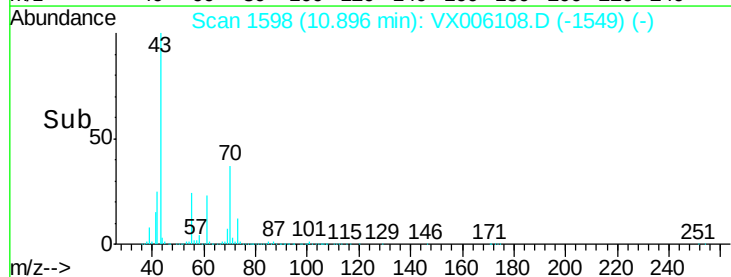
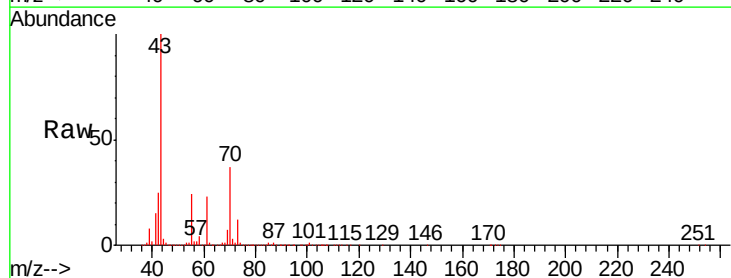
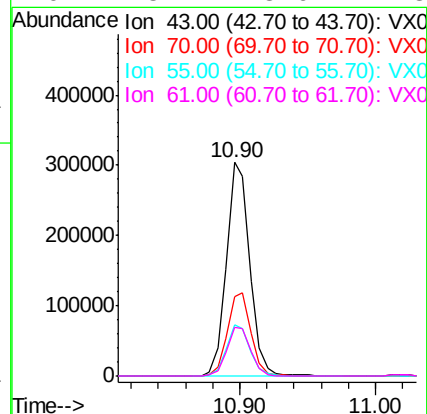
Ion Ratio Lower Upper

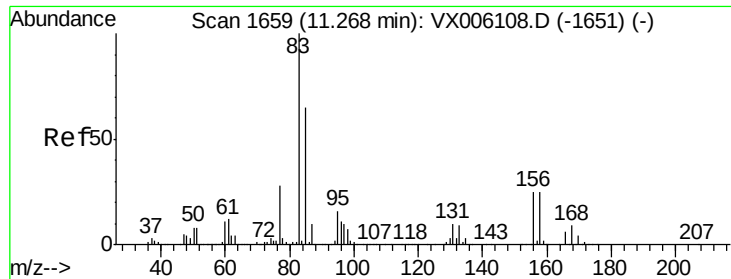
43 100

70 39.7 31.8 47.6

55 24.4 19.5 29.3

61 23.2 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.40 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tgt Ion: 83 Resp: 271526
Ion Ratio Lower Upper

83 100

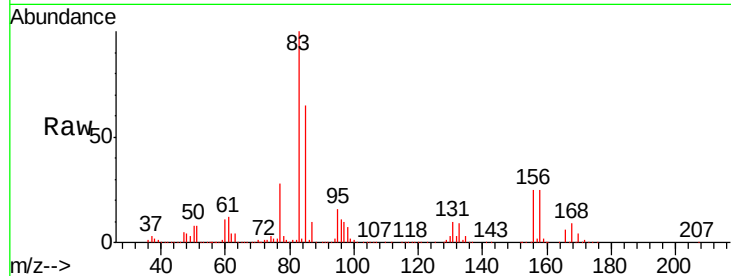
131 10.4 5.2 15.6

85 65.2 32.6 97.8

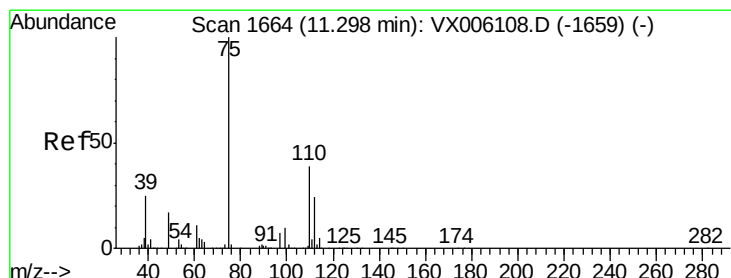
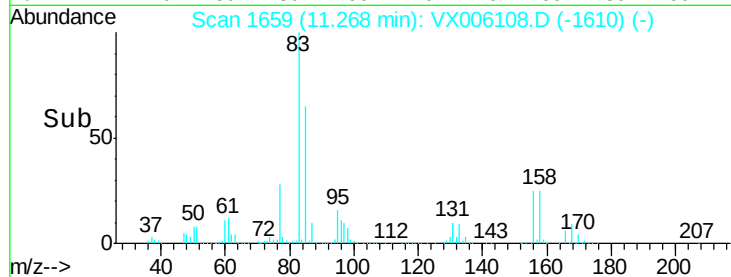
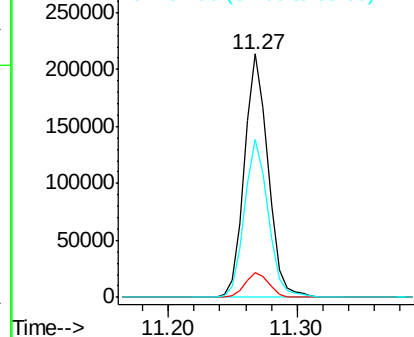
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.79 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

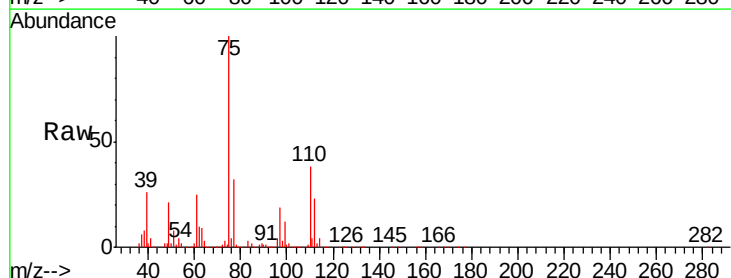
Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

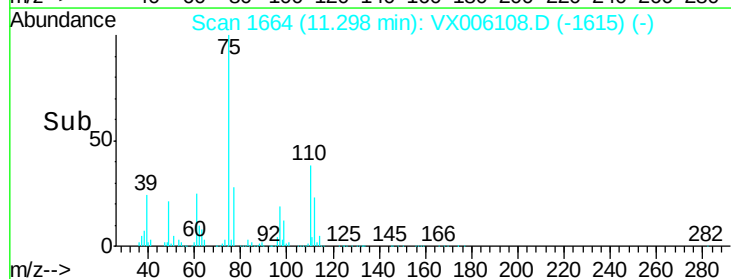
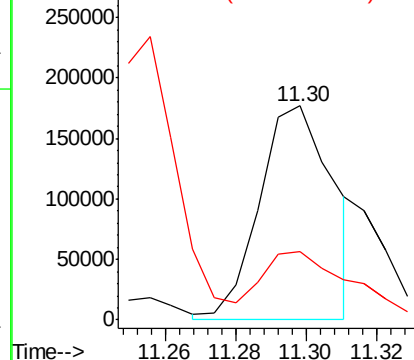
Tgt Ion: 75 Resp: 257014
Ion Ratio Lower Upper

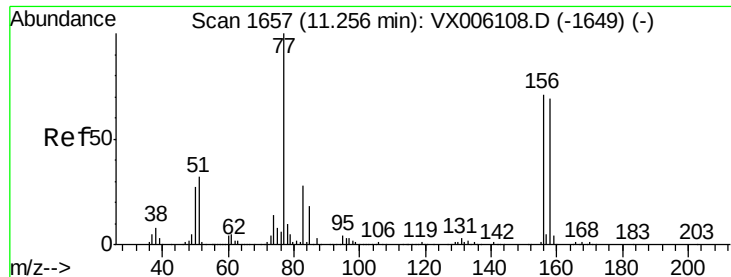
75 100

77 39.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 207184

Ion Ratio Lower Upper

156 100

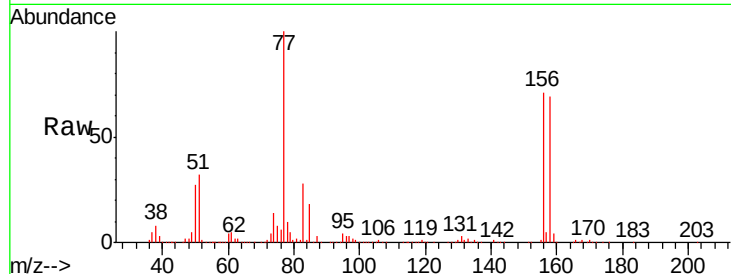
77 148.5 74.3 222.8

158 98.0 49.0 147.0

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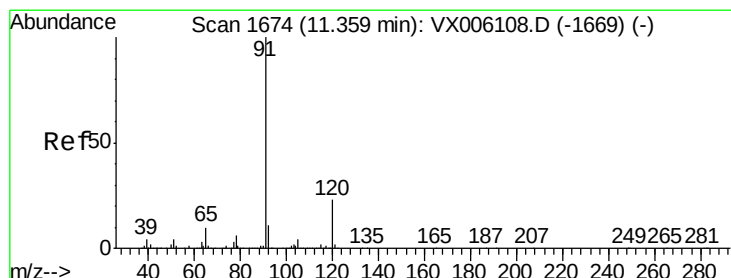
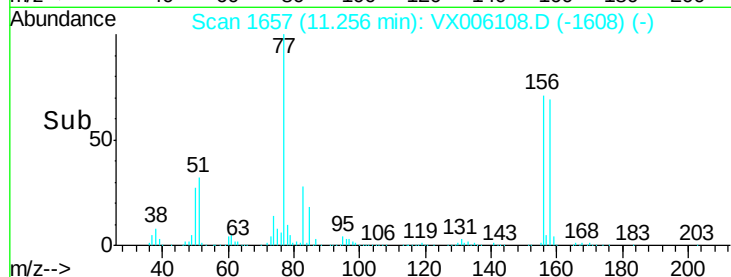
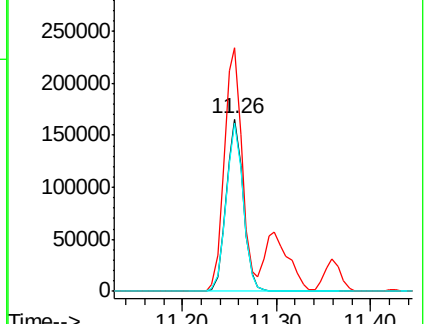
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.24 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006108.D

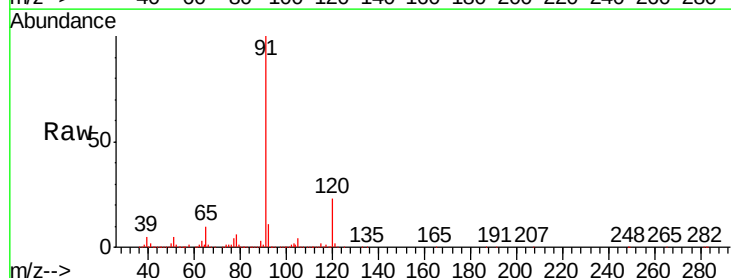
Acq: 20 Nov 2018 18:36

Tgt Ion: 91 Resp: 921263

Ion Ratio Lower Upper

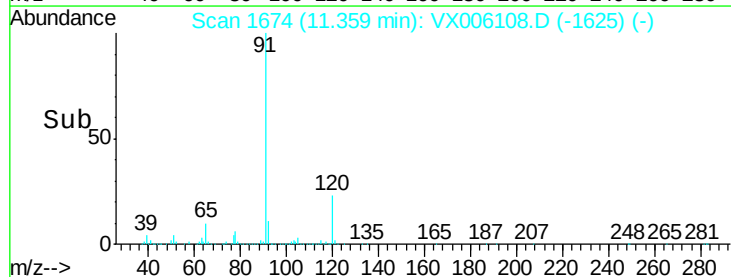
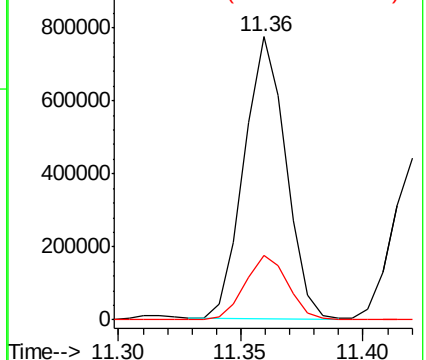
91 100

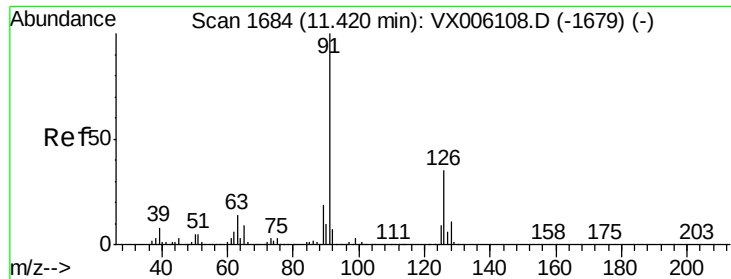
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.98 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 534122

Ion Ratio Lower Upper

91 100

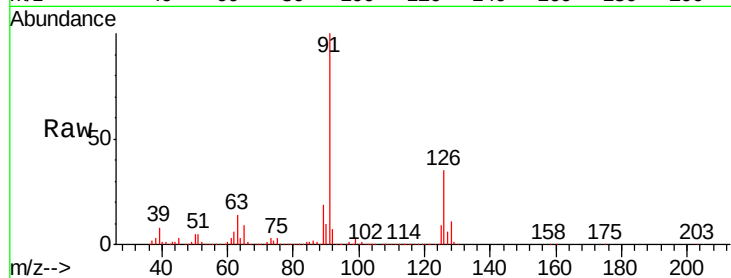
126 35.3 17.6 52.9

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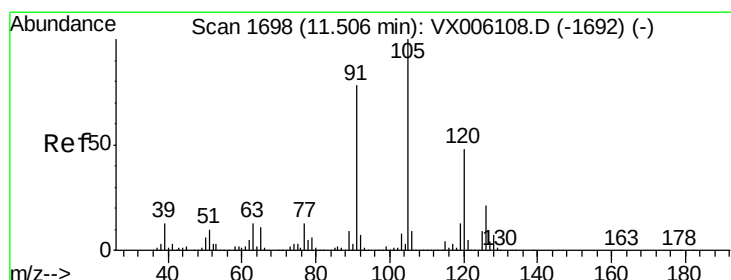
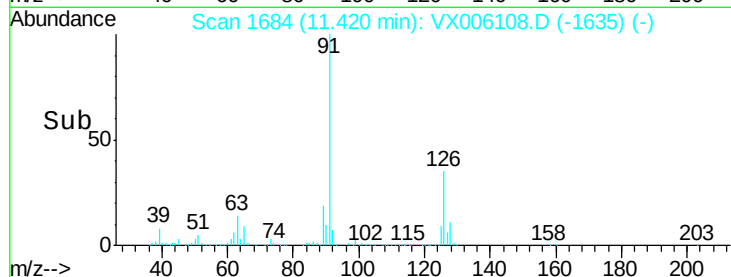
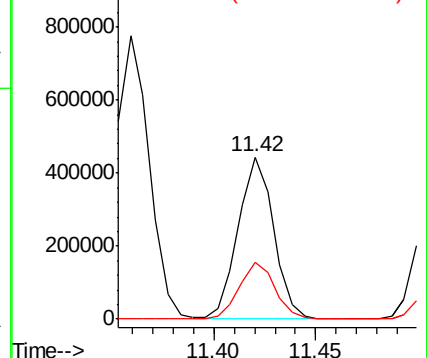
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.23 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006108.D

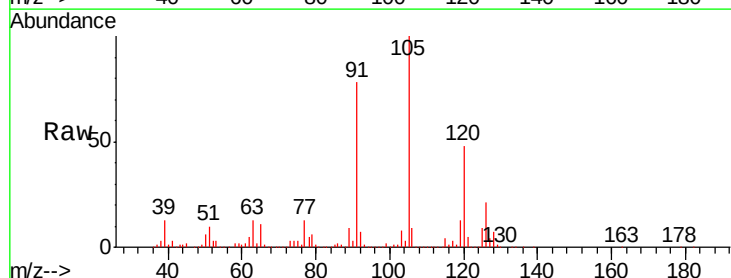
Acq: 20 Nov 2018 18:36

Tgt Ion: 105 Resp: 666878

Ion Ratio Lower Upper

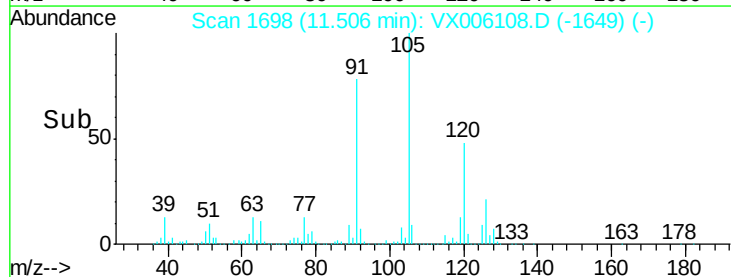
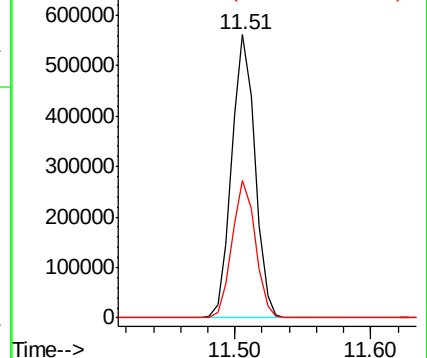
105 100

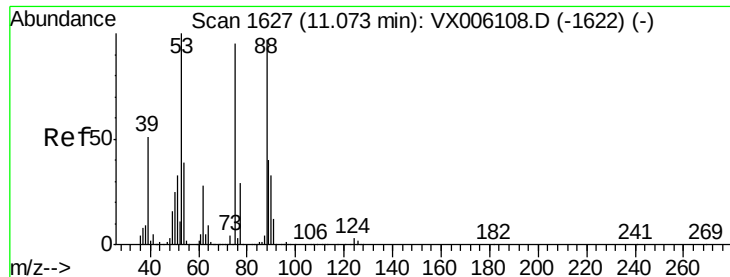
120 48.7 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.24 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tgt Ion: 75 Resp: 78116

Ion Ratio Lower Upper

75 100

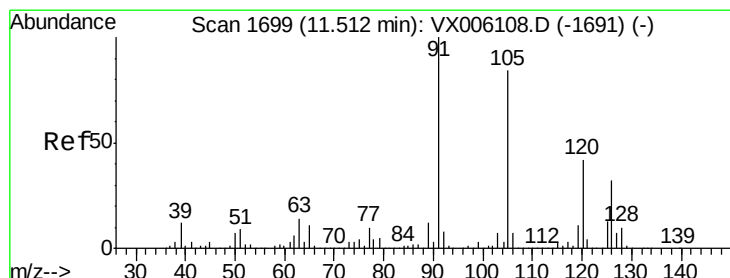
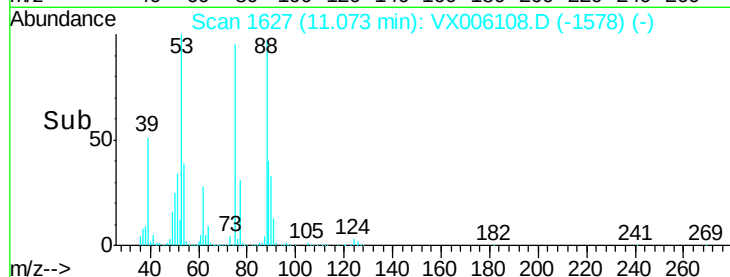
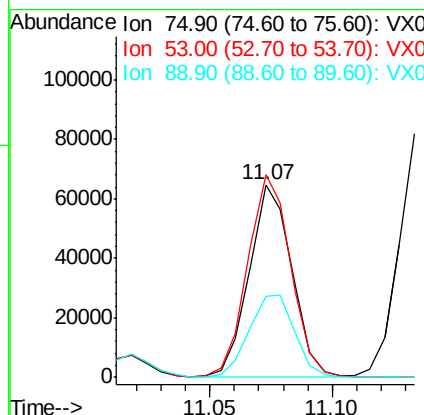
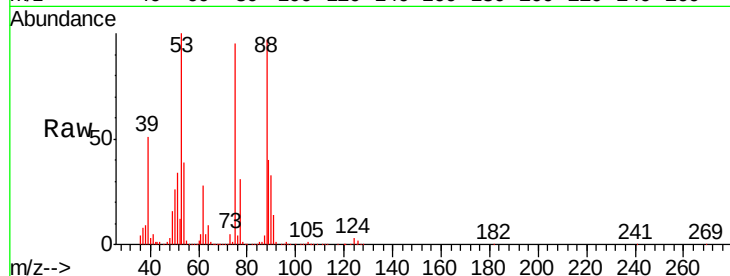
53 106.6 85.3 127.9

89 46.5 37.2 55.8

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#82

4-Chlorotoluene

Concen: 53.30 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006108.D

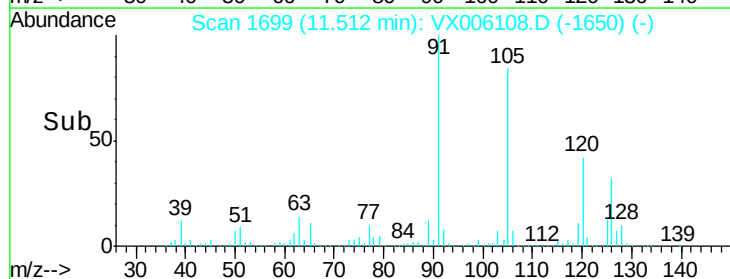
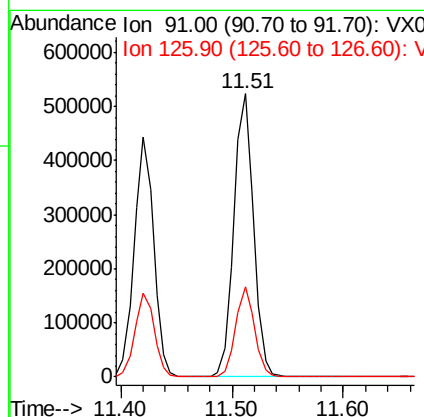
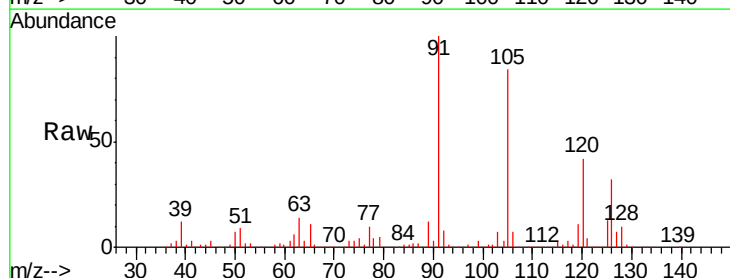
Acq: 20 Nov 2018 18:36

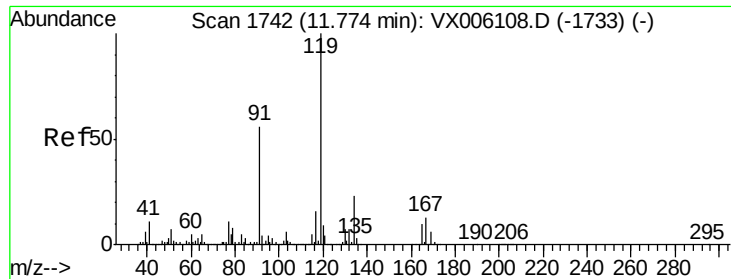
Tgt Ion: 91 Resp: 639093

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.9





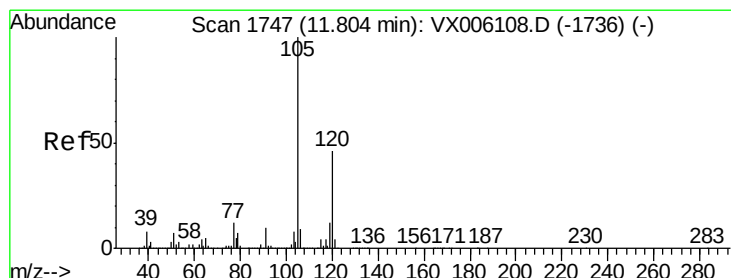
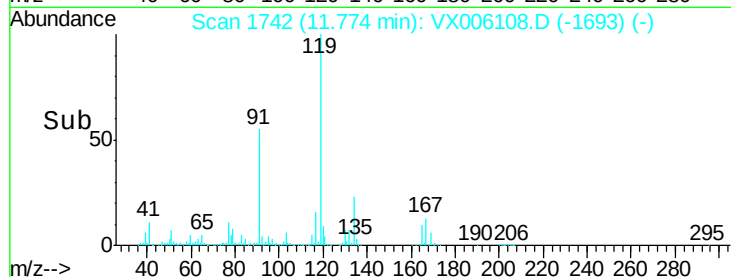
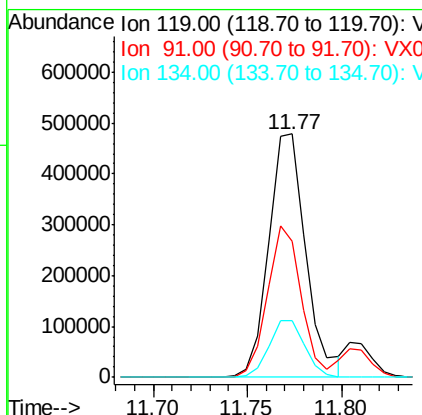
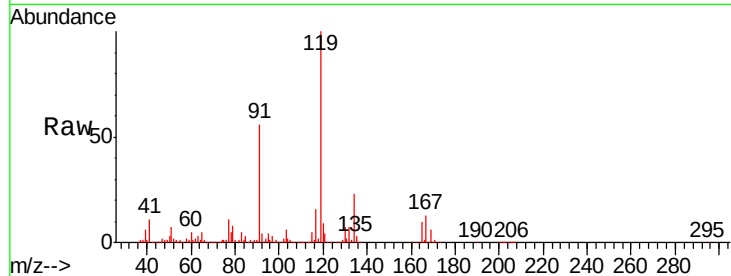
#83
 tert-Butylbenzene
 Concen: 54.43 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.4	28.2	84.6
134	22.9	11.5	34.4

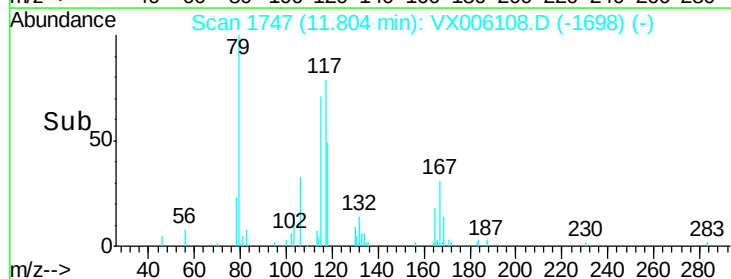
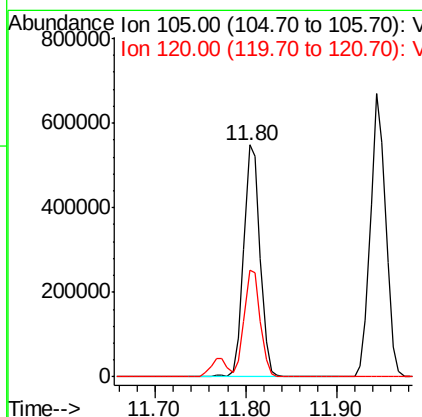
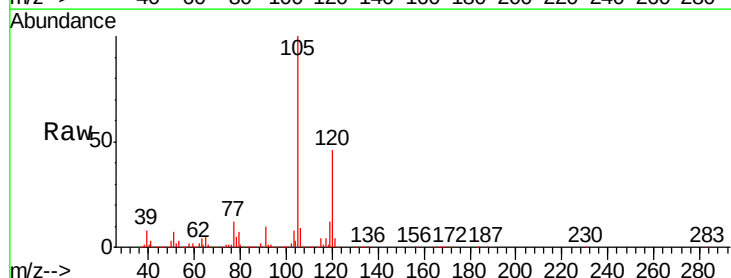
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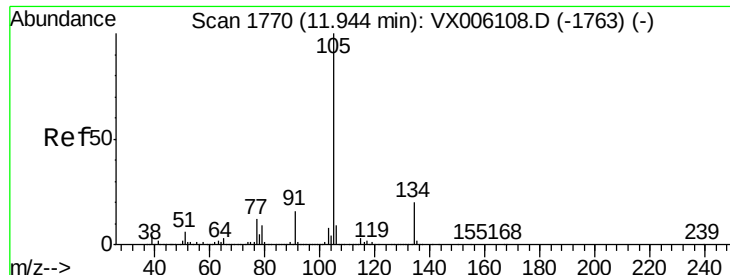
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.77 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.0





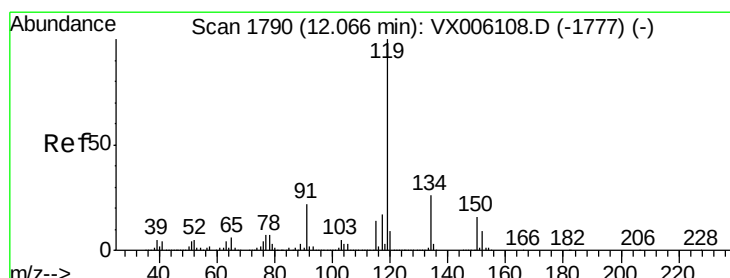
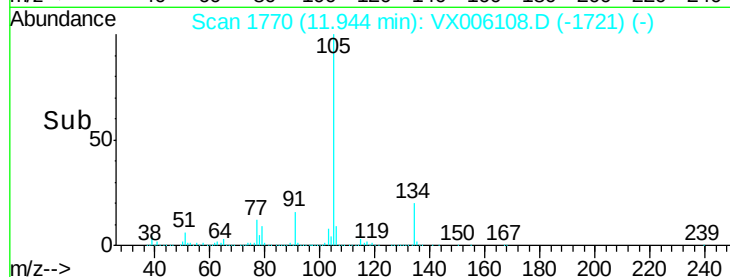
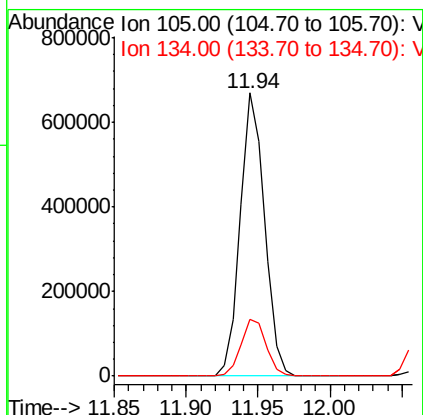
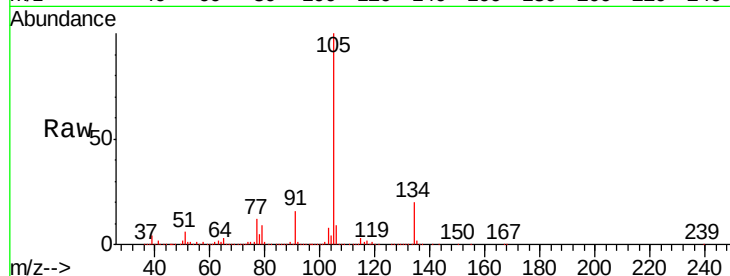
#85
 sec-Butylbenzene
 Concen: 53.55 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.1

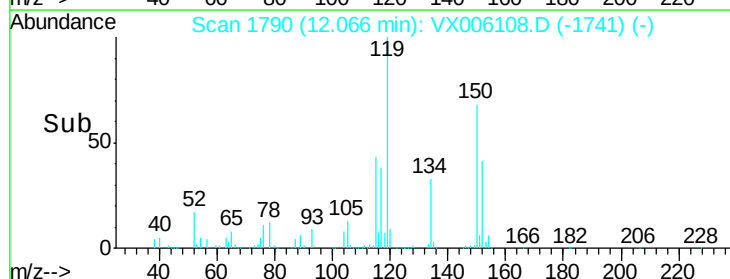
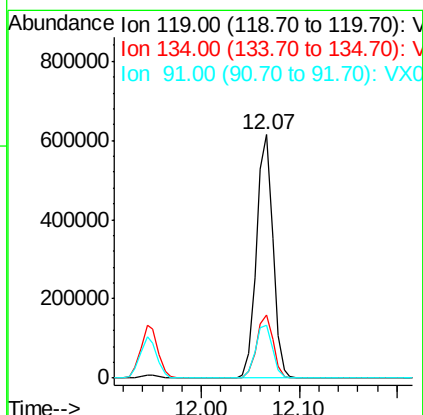
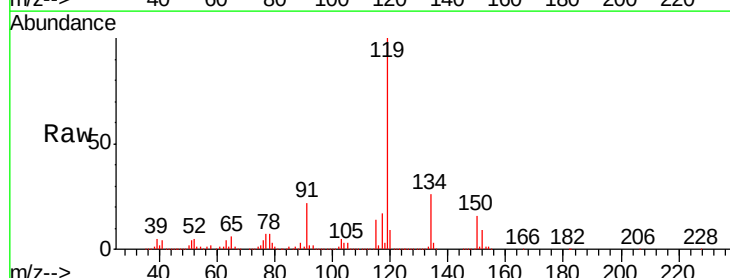
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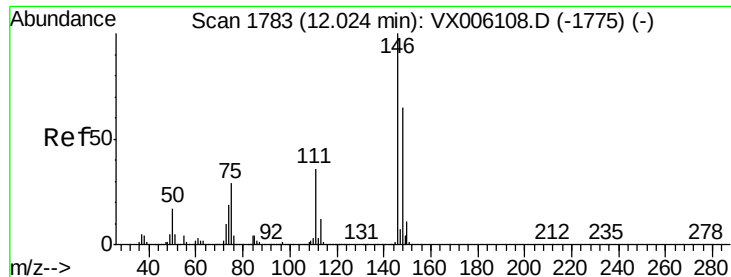
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#86
 p-Isopropyltoluene
 Concen: 54.74 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	22.6	11.3	33.9





#87
 1,3-Dichlorobenzene
 Concen: 50.19 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

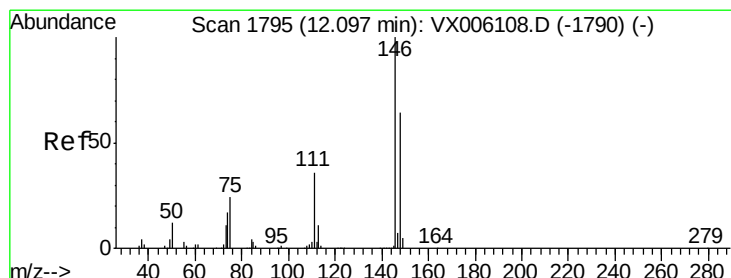
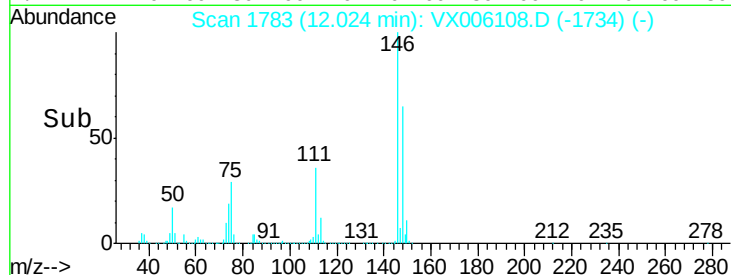
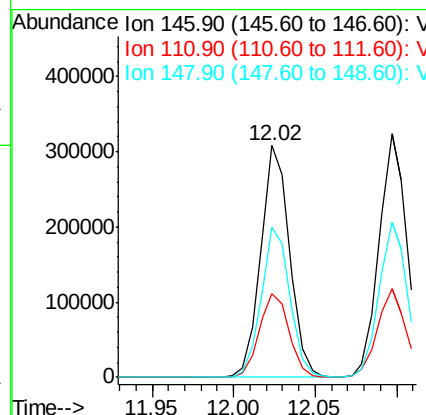
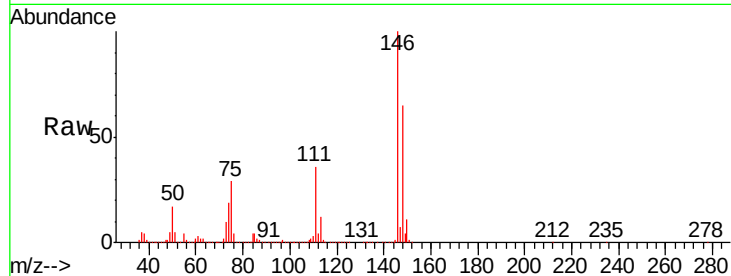
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.4	32.2	96.6

Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.81 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.9
148	64.4	32.2	96.6

