

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006596.D
 Acq On : 18 Dec 2018 14:31
 Operator : JC/MD
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:28 AM

Quant Time: Dec 19 06:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	633037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	952616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	462774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	332545	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.49	113	298970	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1130345	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	425518	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114184	19.717	ug/l	98
3) Chloromethane	1.33	50	124979	20.031	ug/l	96
4) Vinyl Chloride	1.41	62	125762	19.300	ug/l	97
5) Bromomethane	1.64	94	135575	21.191	ug/l	99
6) Chloroethane	1.72	64	80577	17.859	ug/l	99
7) Trichlorofluoromethane	1.93	101	198095	19.499	ug/l	99
8) Diethyl Ether	2.19	74	74430	18.445	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117673	19.727	ug/l	99
10) Methyl Iodide	2.51	142	146171	17.119	ug/l	97
11) Tert butyl alcohol	3.07	59	147433	96.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107356	18.981	ug/l	93
13) Acrolein	2.29	56	89988	87.608	ug/l	99
14) Allyl chloride	2.73	41	181240	19.037	ug/l	99
15) Acrylonitrile	3.15	53	322259	95.324	ug/l	100
16) Acetone	2.45	43	298873	95.349	ug/l	96
17) Carbon Disulfide	2.57	76	267425	17.867	ug/l	98
18) Methyl Acetate	2.78	43	177227	19.228	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	364958	19.441	ug/l	100
20) Methylene Chloride	2.85	84	120739	18.628	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	111333	17.765	ug/l	99
22) Diisopropyl ether	3.87	45	339535	19.495	ug/l	98
23) Vinyl Acetate	3.82	43	1403091	98.486	ug/l	97
24) 1,1-Dichloroethane	3.70	63	200875	19.320	ug/l	99
25) 2-Butanone	4.70	43	418509	94.920	ug/l	98
26) 2,2-Dichloropropane	4.59	77	154818	19.277	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	132799	19.206	ug/l	99
28) Bromochloromethane	5.01	49	91191	19.683	ug/l	99
29) Tetrahydrofuran	5.15	42	271812	93.600	ug/l	98
30) Chloroform	5.21	83	204075	18.954	ug/l	92
31) Cyclohexane	5.57	56	183043	19.379	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175358	19.289	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158357	20.071	ug/l	100
37) Ethyl Acetate	4.85	43	157299	19.155	ug/l	98
38) Carbon Tetrachloride	5.78	117	146676	19.129	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208623	20.085	ug/l	97
40) Benzene	6.14	78	473403	19.739	ug/l	99
41) Methacrylonitrile	5.06	41	86703	18.789	ug/l	97
42) 1,2-Dichloroethane	6.20	62	157544	19.278	ug/l	98
43) Isopropyl Acetate	6.46	43	248411	19.881	ug/l	99
44) Trichloroethene	7.21	130	140944	19.417	ug/l	92
45) 1,2-Dichloropropane	7.51	63	113305	19.414	ug/l	98
46) Dibromomethane	7.66	93	83837	19.530	ug/l	95
47) Bromodichloromethane	7.90	83	133289	18.702	ug/l	99
48) Methyl methacrylate	7.77	41	128784	20.268	ug/l	99
49) 1,4-Dioxane	7.75	88	70799	414.219	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	804203	101.157	ug/l	99
52) Toluene	8.78	92	310176	20.019	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147962	19.358	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165013	19.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127008	20.027	ug/l	98
56) Ethyl methacrylate	9.18	69	181122	20.207	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203744	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	466112	97.827	ug/l	99
59) 2-Hexanone	9.49	43	624206	102.619	ug/l	100
60) Dibromochloromethane	9.58	129	113138	18.588	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134945	20.017	ug/l	99
64) Tetrachloroethene	9.34	164	137706	19.840	ug/l	97
65) Chlorobenzene	10.13	112	369117	19.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116003	20.050	ug/l	99
67) Ethyl Benzene	10.25	91	603134	19.904	ug/l	99
68) m/p-Xylenes	10.36	106	482901	40.386	ug/l	99
69) o-Xylene	10.69	106	238563	20.205	ug/l	99
70) Styrene	10.71	104	375102	20.080	ug/l	99
71) Bromoform	10.85	173	80105	18.440	ug/l #	100
73) Isopropylbenzene	11.02	105	627514	19.821	ug/l	100
74) N-amyl acetate	10.90	43	222474	19.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	188366	20.006	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171726m	21.172	ug/l	
77) Bromobenzene	11.26	156	168440	19.679	ug/l	97
78) n-propylbenzene	11.36	91	704308	20.202	ug/l	100
79) 2-Chlorotoluene	11.42	91	413479	19.571	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	522120	20.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40577	17.375	ug/l #	74
82) 4-Chlorotoluene	11.51	91	486571	20.077	ug/l	100
83) tert-Butylbenzene	11.77	119	516454	19.789	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	538457	19.631	ug/l	100
85) sec-Butylbenzene	11.94	105	648734	20.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	570604	20.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	309587	20.069	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	308647	19.495	ug/l	98
89) n-Butylbenzene	12.38	91	486576	20.326	ug/l	99
90) Hexachloroethane	12.60	117	72541	18.686	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	307091	19.901	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36238	18.601	ug/l	90

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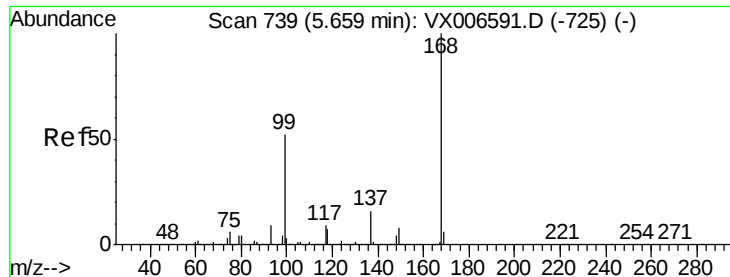
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	213553	20.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	99060	19.744	ug/l	99
95) Naphthalene	13.83	128	651038	19.163	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	213625	19.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:168 Resp: 633037

Ion Ratio Lower Upper

168 100

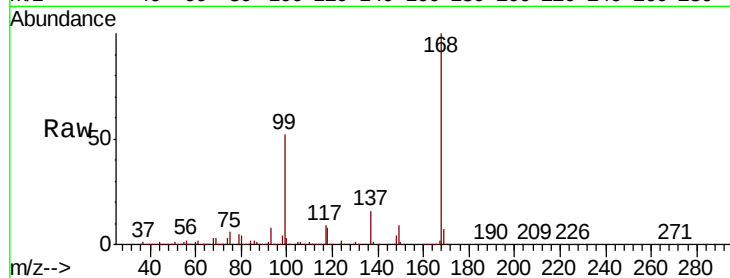
99 51.5 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

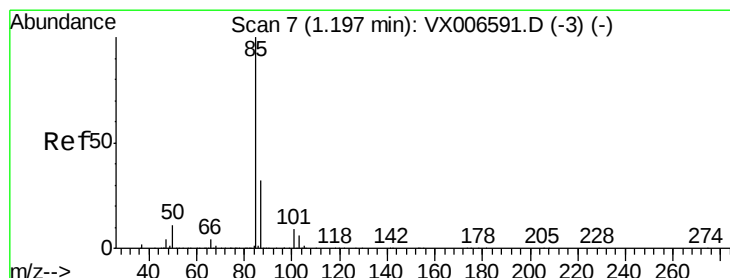
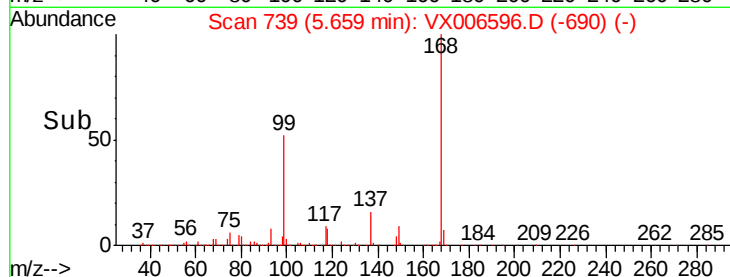
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.717 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006596.D

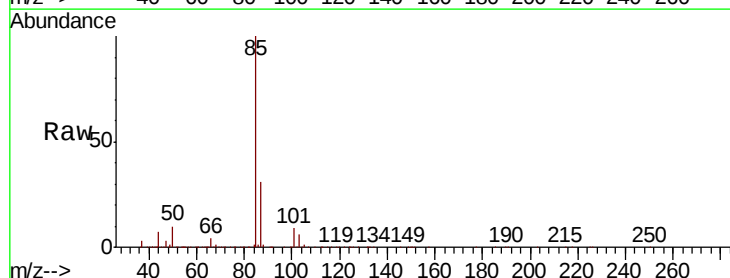
Acq: 18 Dec 2018 14:31

Tgt Ion: 85 Resp: 114184

Ion Ratio Lower Upper

85 100

87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

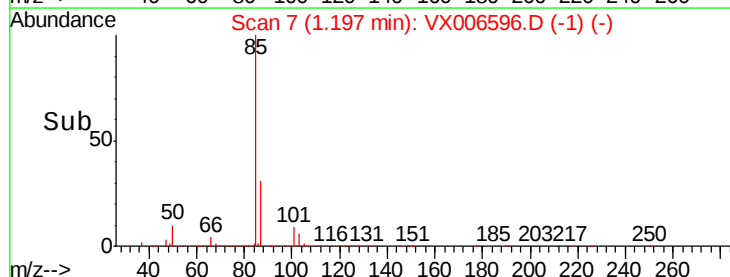
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.031 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 50 Resp: 124979

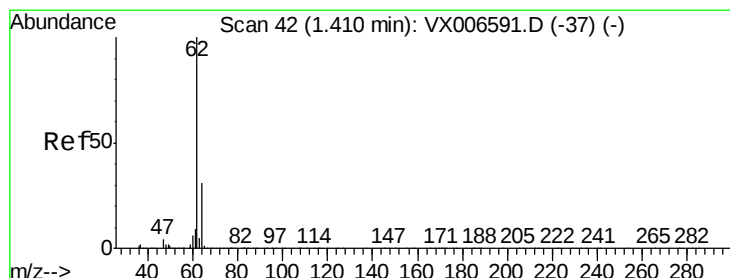
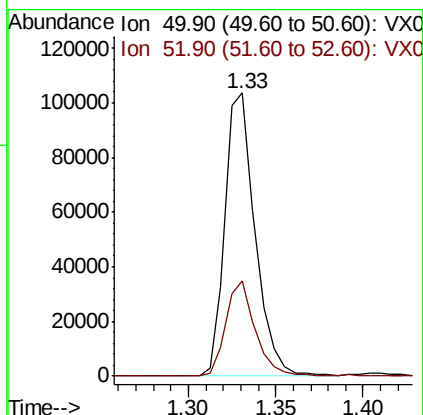
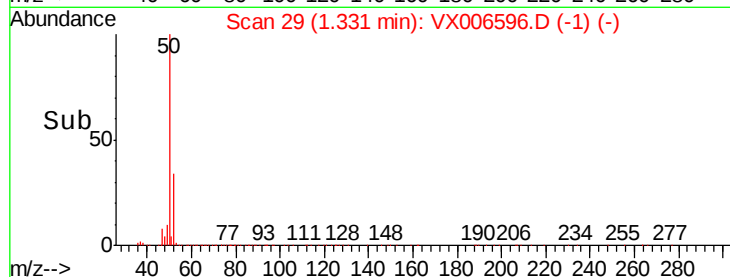
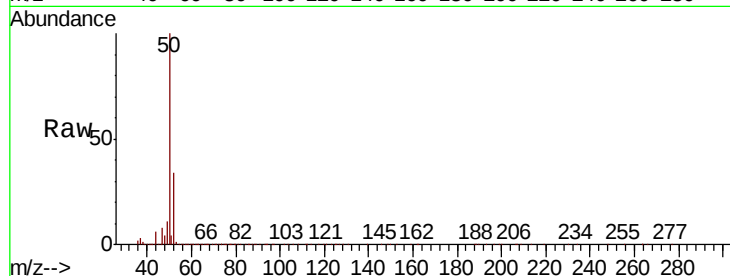
Ion Ratio Lower Upper

50 100

52 33.5 25.2 37.8

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#4

Vinyl Chloride

Concen: 19.300 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006596.D

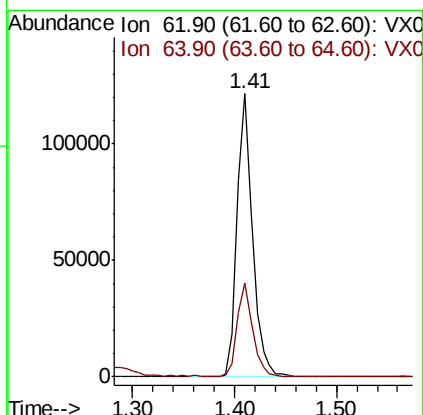
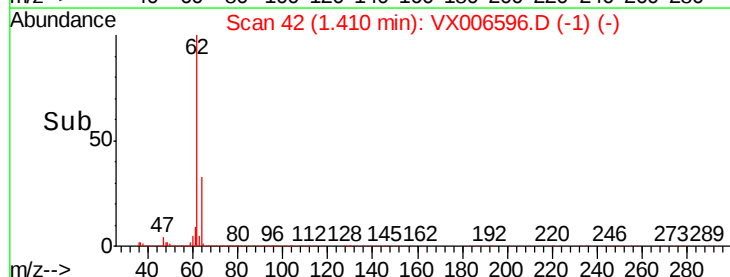
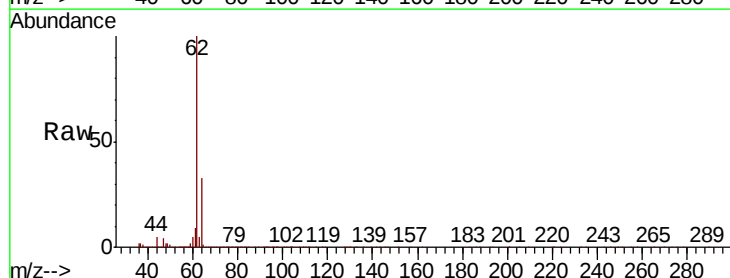
Acq: 18 Dec 2018 14:31

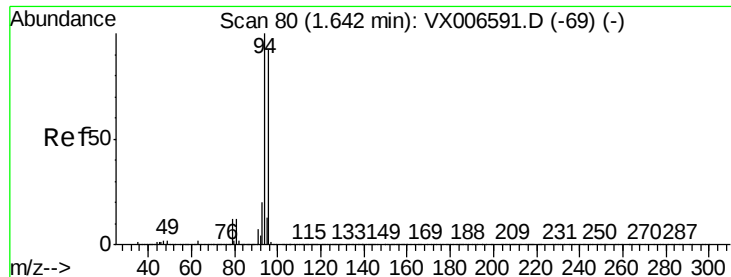
Tgt Ion: 62 Resp: 125762

Ion Ratio Lower Upper

62 100

64 32.8 24.9 37.3





#5

Bromomethane

Concen: 21.191 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 94 Resp: 135575

Ion Ratio Lower Upper

94 100

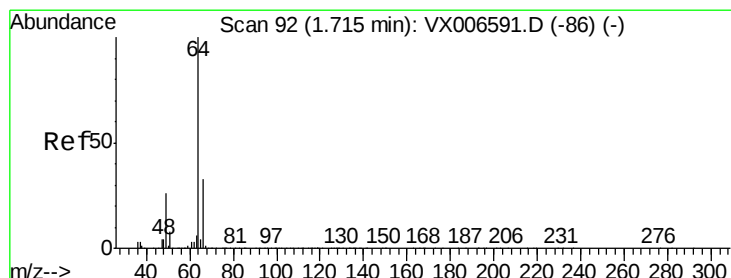
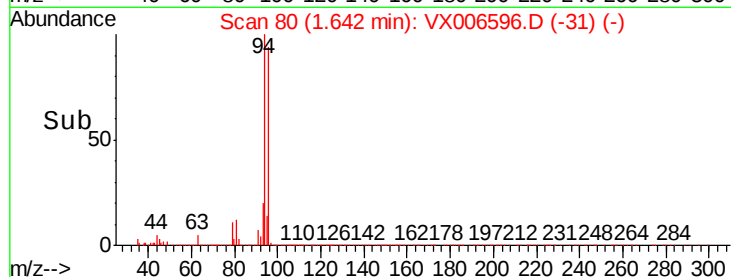
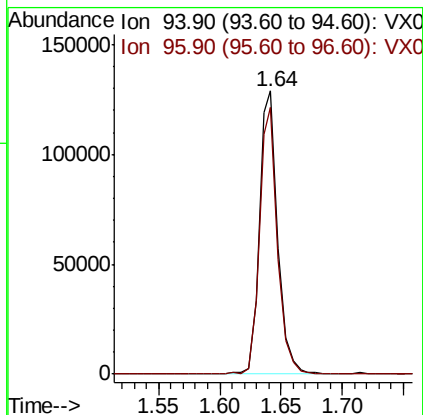
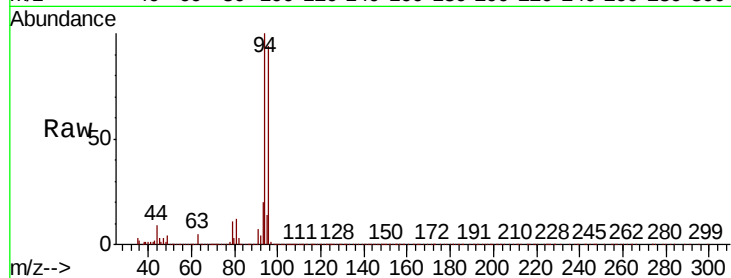
96 94.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 17.859 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006596.D

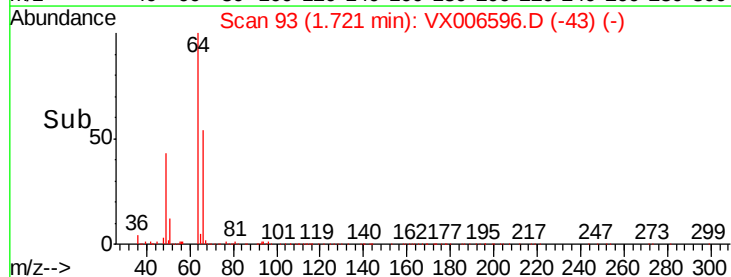
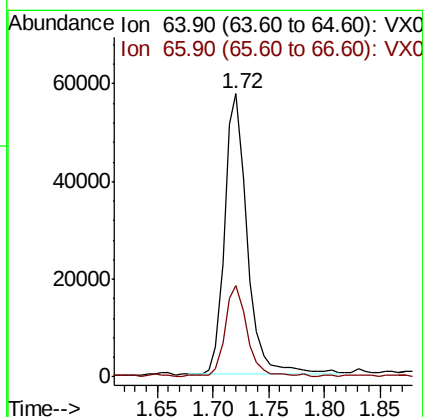
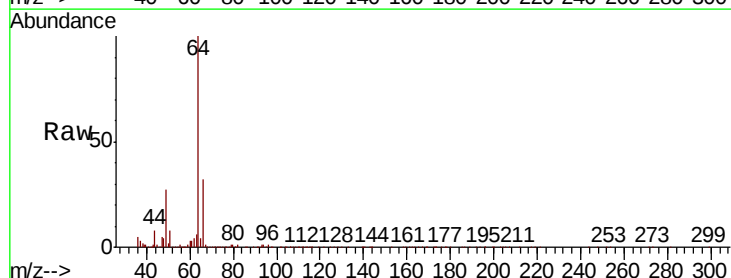
Acq: 18 Dec 2018 14:31

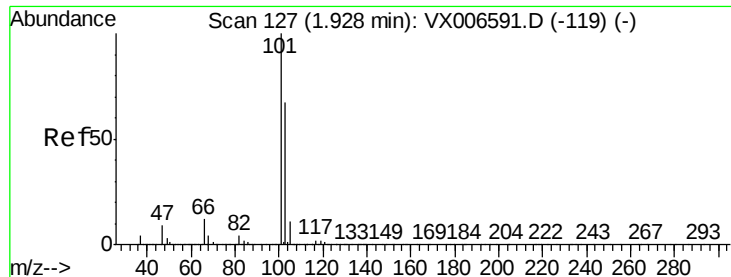
Tgt Ion: 64 Resp: 80577

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9





#7

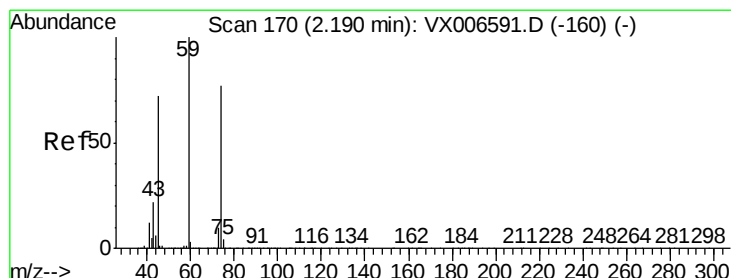
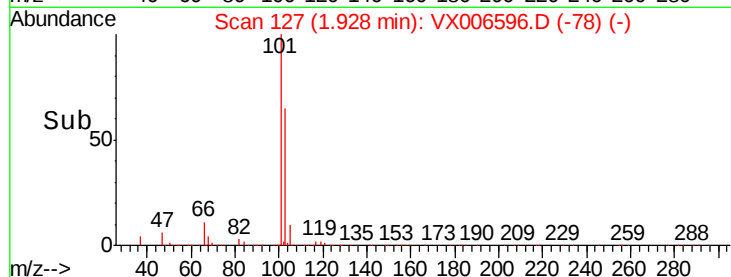
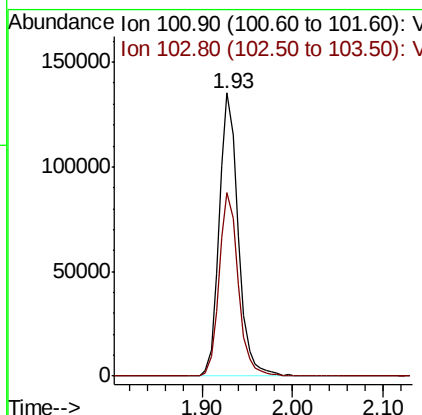
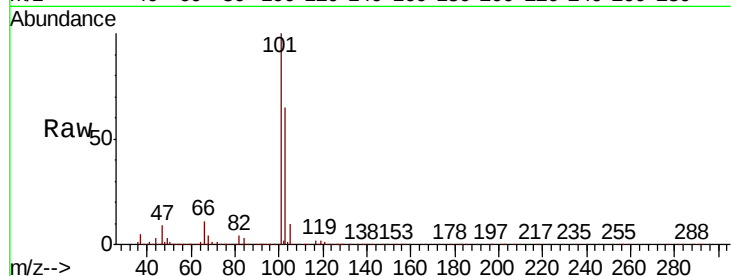
Trichlorofluoromethane
Concen: 19.499 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	198095		
103	64.6	51.0	76.4	

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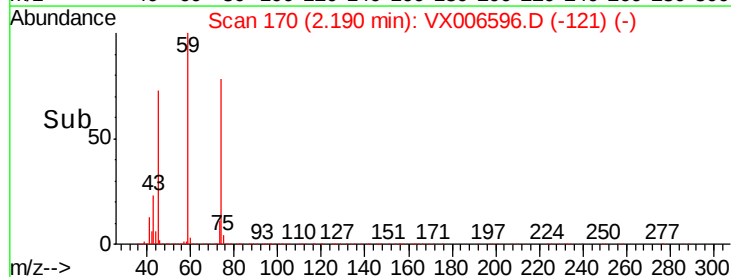
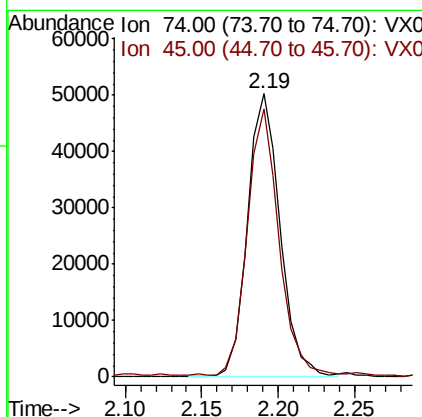
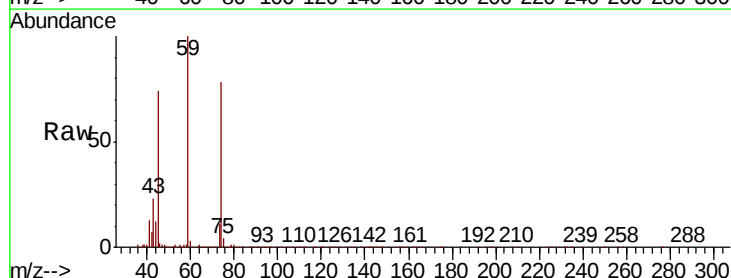
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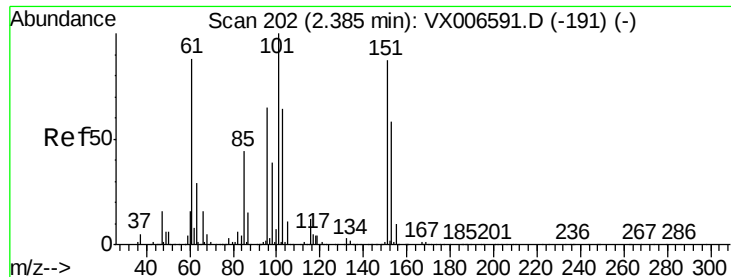


#8

Diethyl Ether
Concen: 18.445 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	74430		
45	91.7	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.727 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

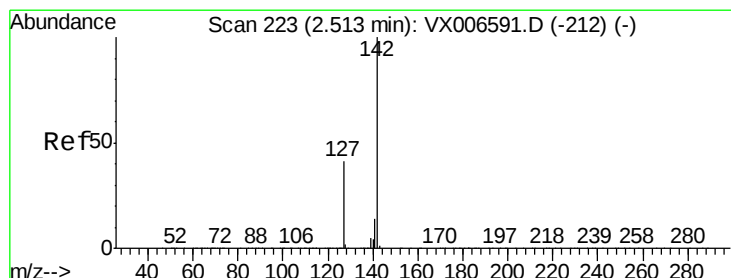
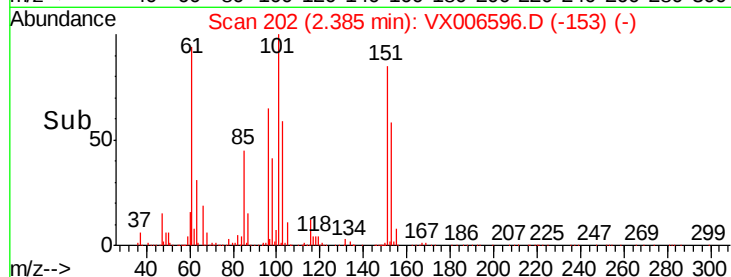
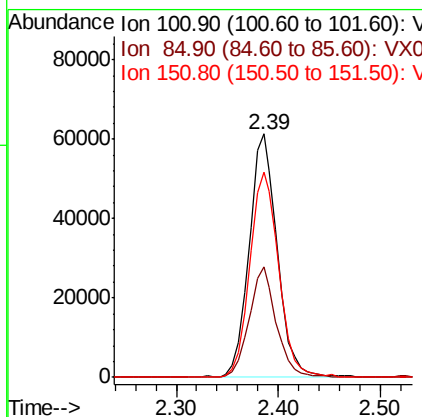
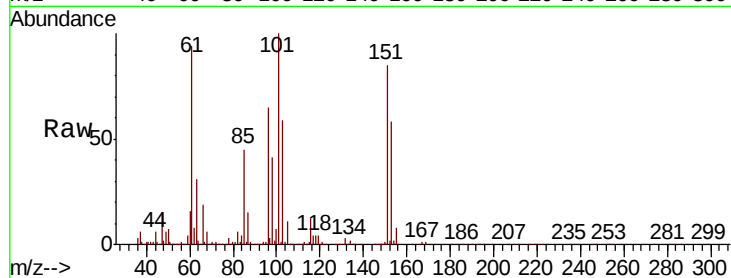
ClientSampleId :

VX1218WBS01

Tot Ion:	101	Resp:	117673
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	86.9	68.6	103.0

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#10

Methyl Iodide

Concen: 17.119 ug/l

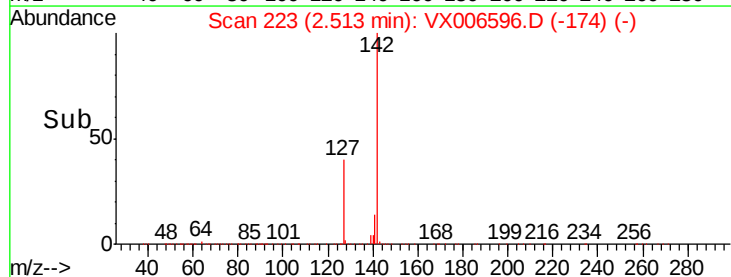
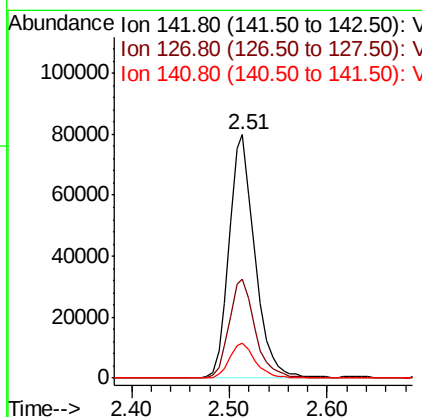
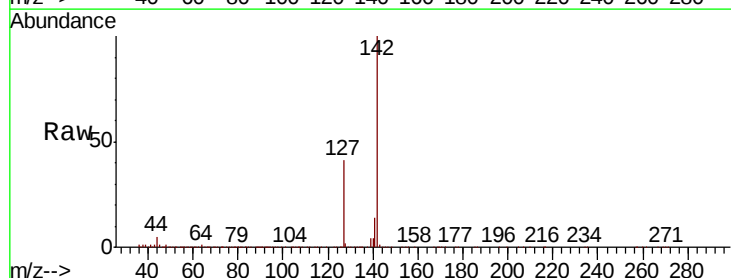
RT: 2.51 min Scan# 223

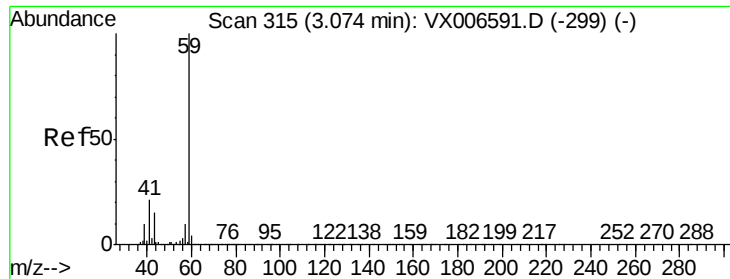
Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	142	Resp:	146171
Ion Ratio	Lower	Upper	
142	100		
127	41.3	34.8	52.2
141	14.6	11.4	17.2





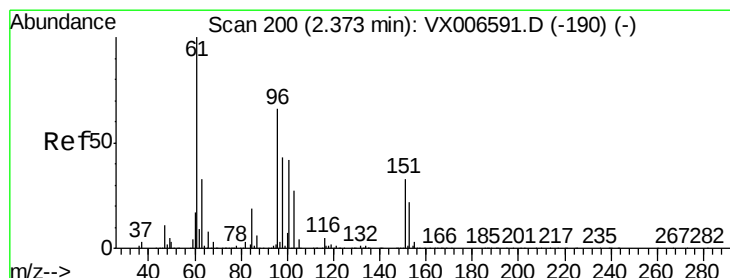
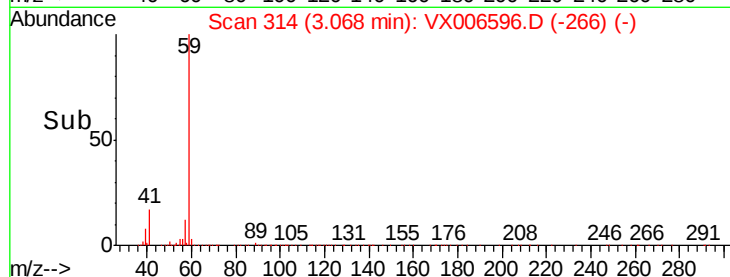
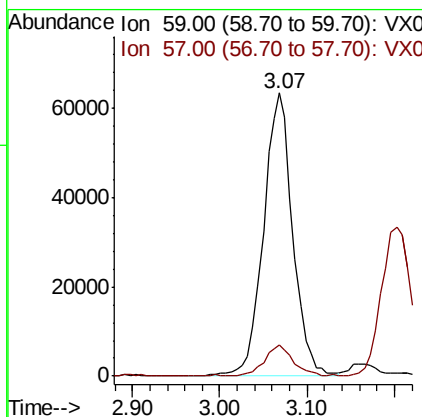
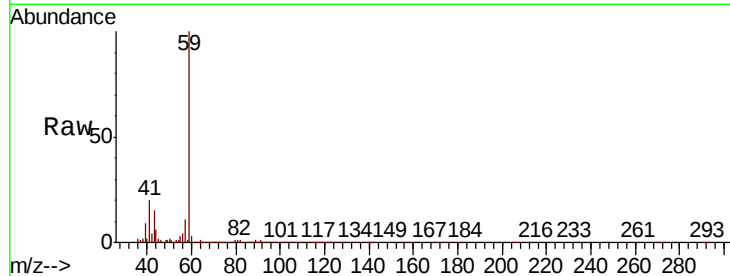
#11
Tert butyl alcohol
Concen: 96.829 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion: 59 Resp: 147433
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

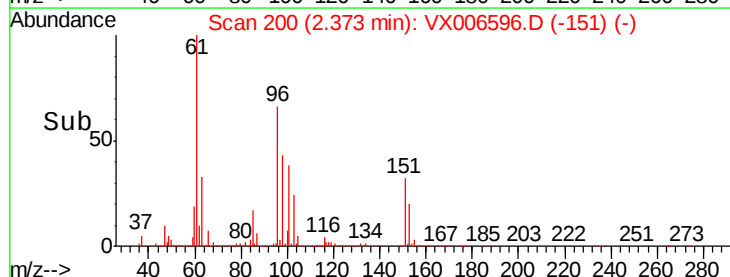
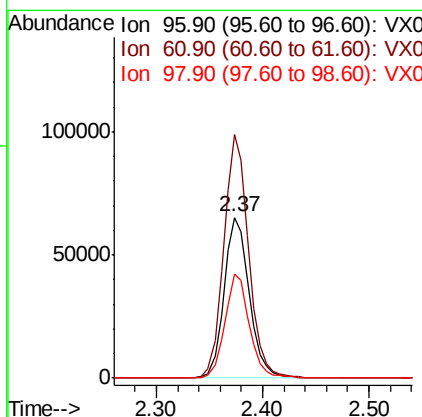
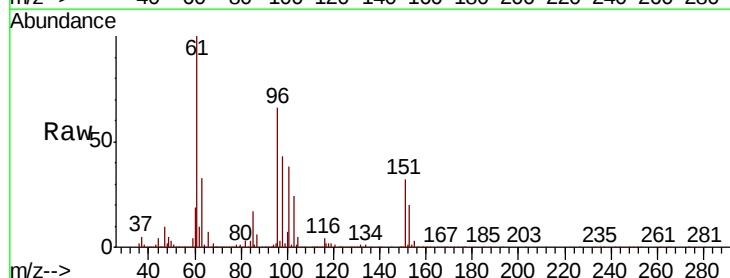
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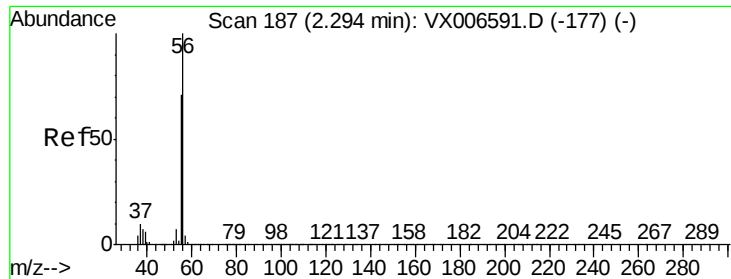
MMDadoda
12/19/2018 11:22:28 AM



#12
1,1-Dichloroethene
Concen: 18.981 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion: 96 Resp: 107356
Ion Ratio Lower Upper
96 100
61 151.7 131.7 197.5
98 65.0 51.8 77.6





#13

Acrolein

Concen: 87.608 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 56 Resp: 89988

Ion Ratio Lower Upper

56 100

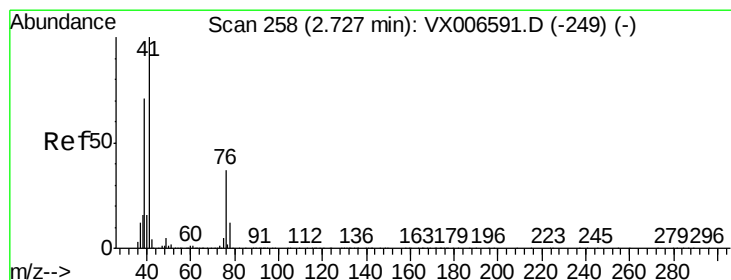
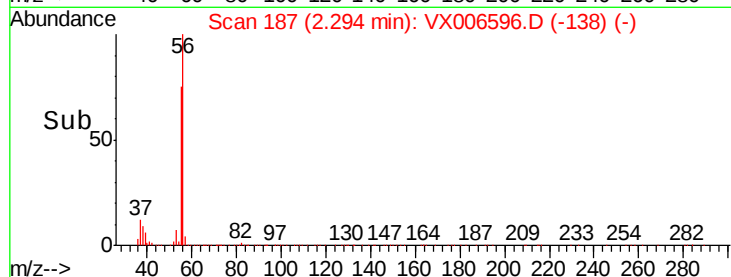
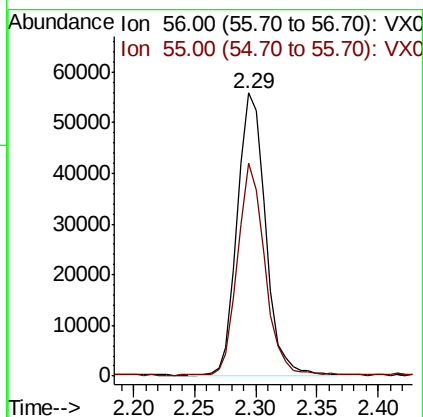
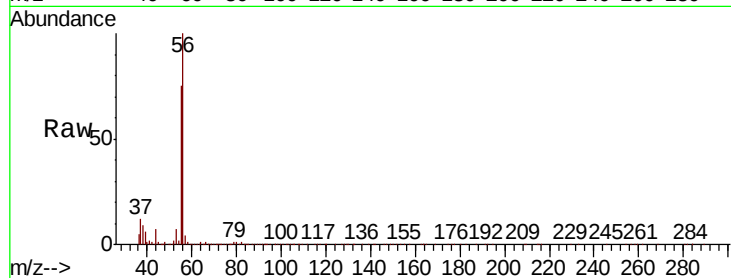
55 72.8 57.8 86.6

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#14

Allyl chloride

Concen: 19.037 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

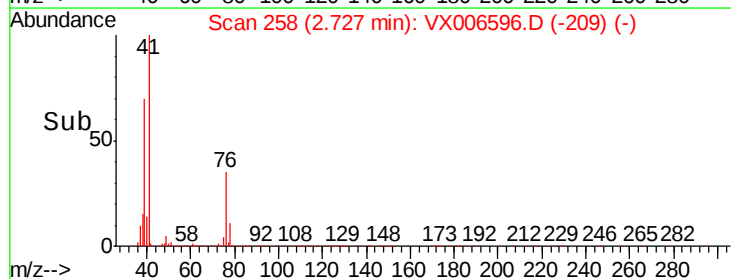
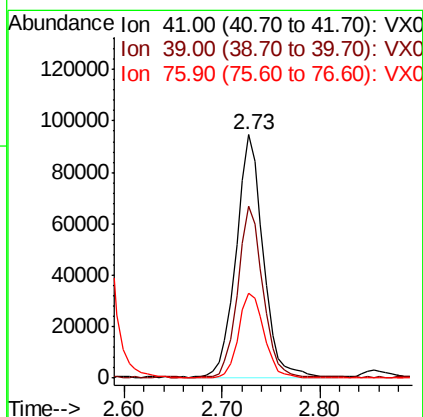
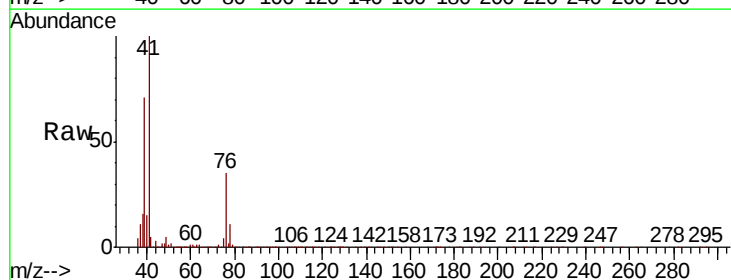
Tgt Ion: 41 Resp: 181240

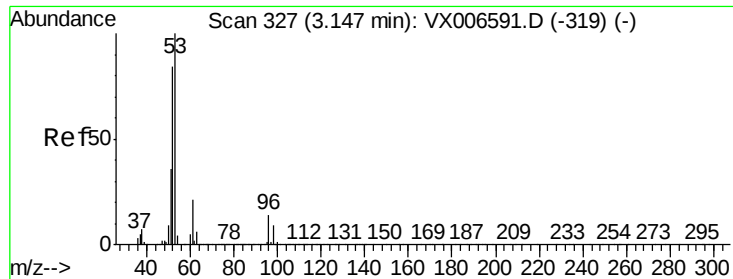
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 32.7 25.4 38.0





#15

Acrylonitrile

Concen: 95.324 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

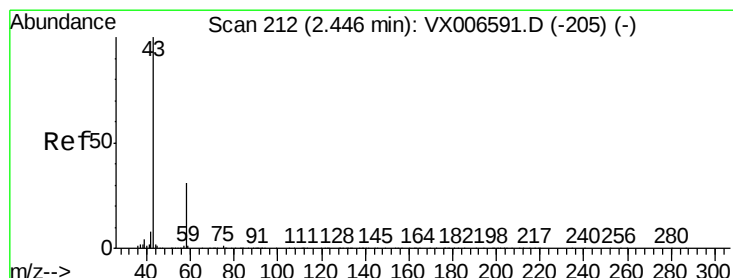
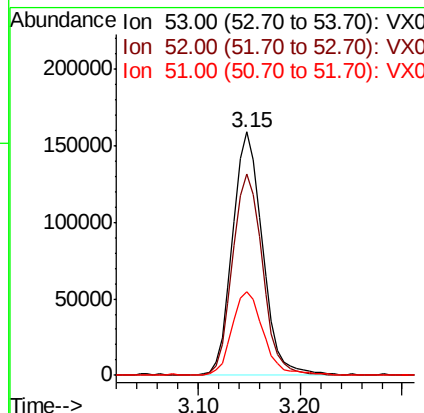
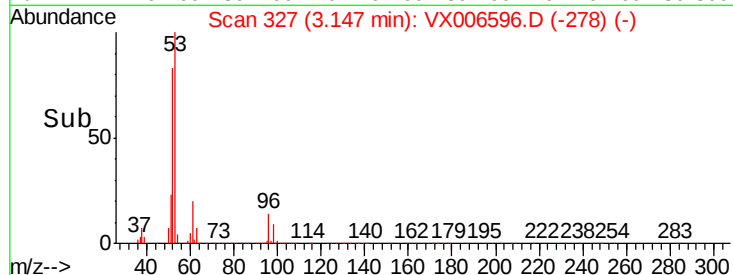
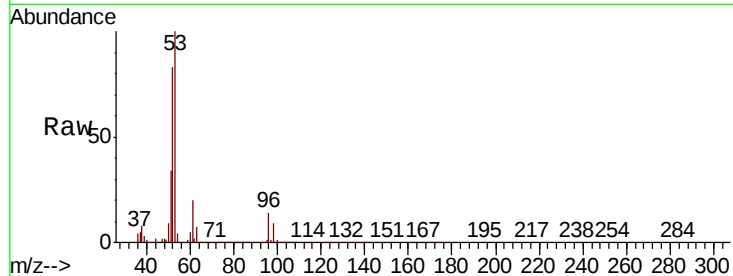
ClientSampleId :

VX1218WBS01

Tot Ion:	53	Resp:	322259
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.2	99.4
51	35.7	28.7	43.1

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#16

Acetone

Concen: 95.349 ug/l

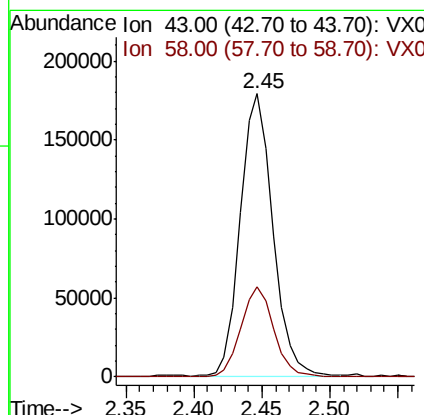
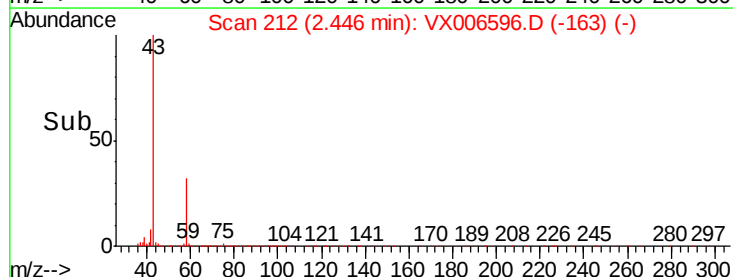
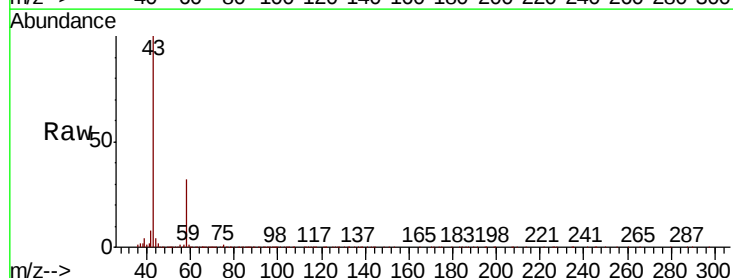
RT: 2.45 min Scan# 212

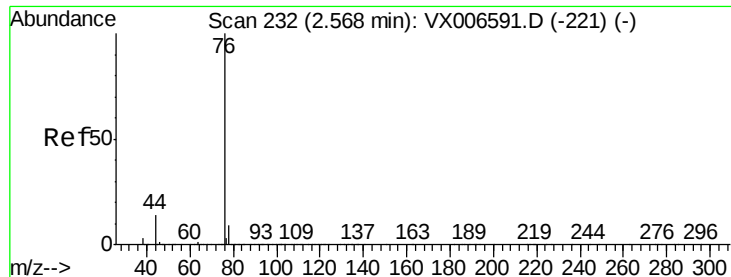
Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	43	Resp:	298873
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.0	36.0





#17

Carbon Disulfide

Concen: 17.867 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 76 Resp: 267425

Ion Ratio Lower Upper

76 100

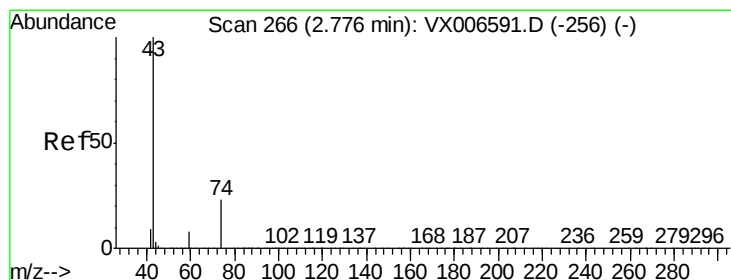
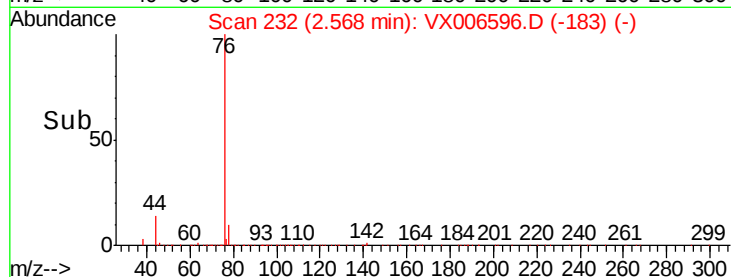
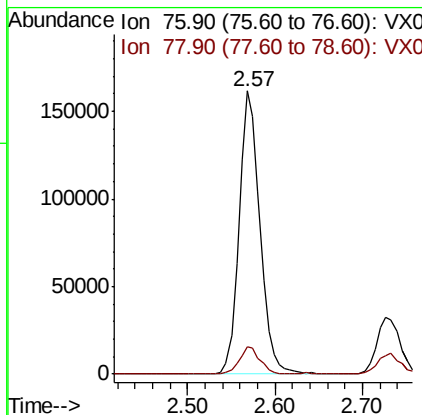
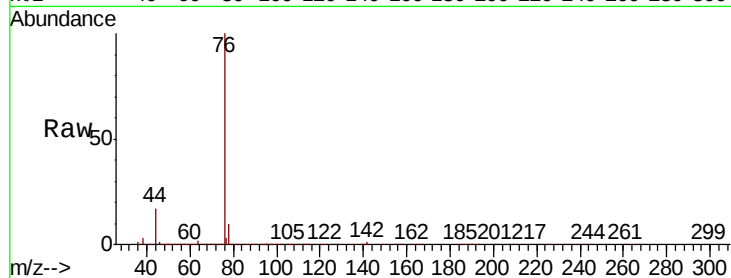
78 9.7 7.1 10.7

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#18

Methyl Acetate

Concen: 19.228 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006596.D

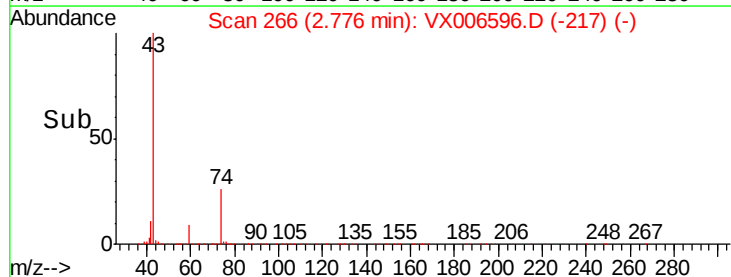
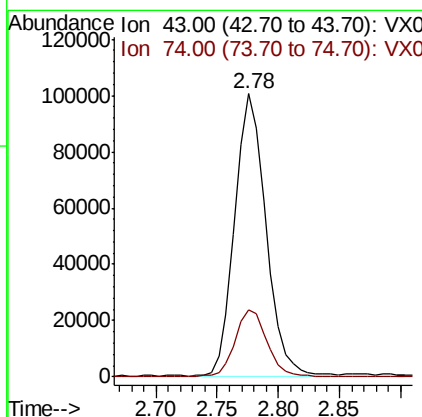
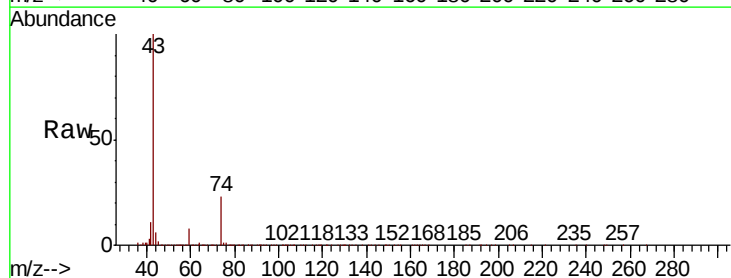
Acq: 18 Dec 2018 14:31

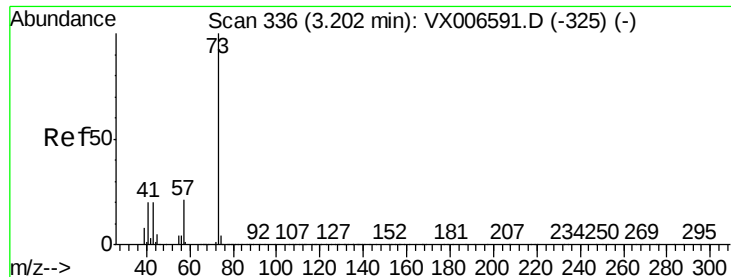
Tgt Ion: 43 Resp: 177227

Ion Ratio Lower Upper

43 100

74 24.4 17.9 26.9





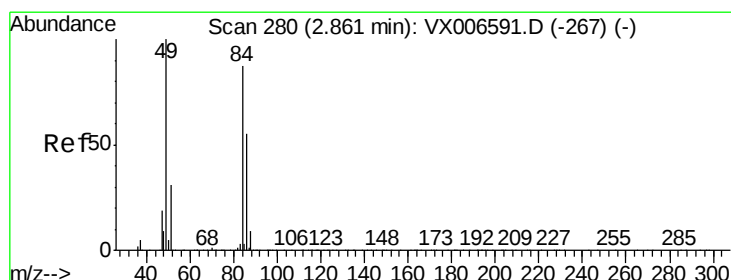
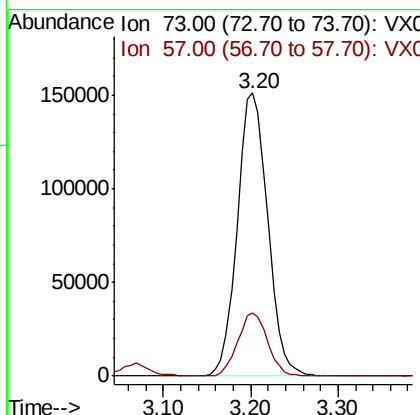
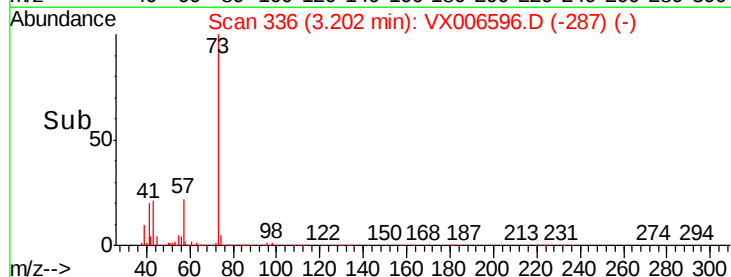
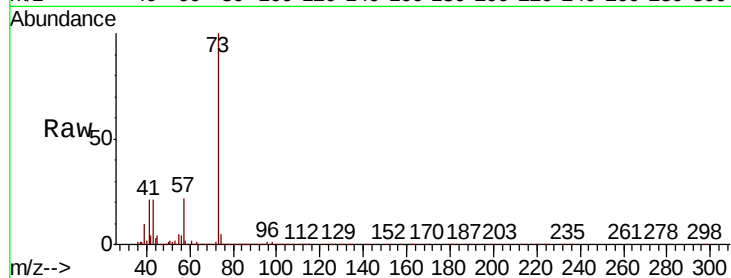
#19
Methyl tert-butyl Ether
Concen: 19.441 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.5	26.3

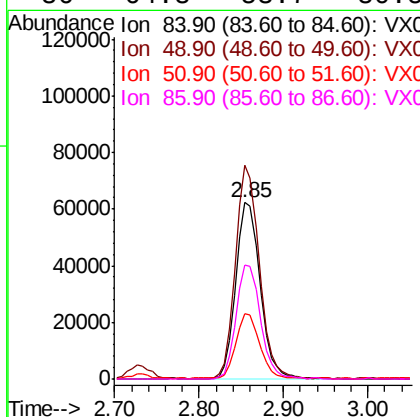
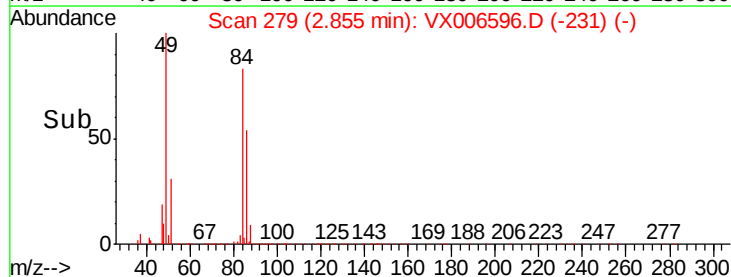
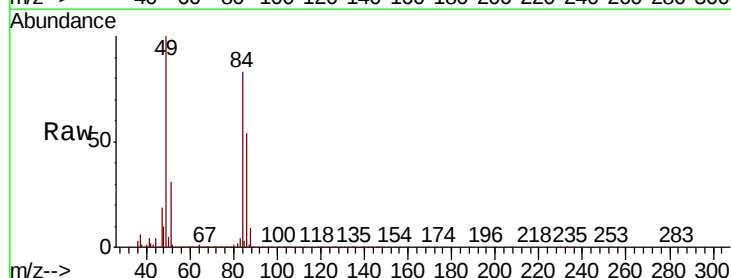
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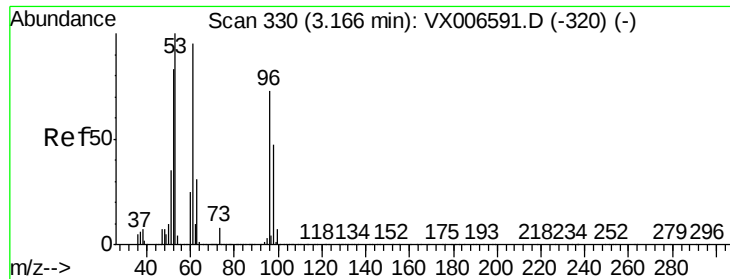
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#20
Methylene Chloride
Concen: 18.628 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	102.2	153.4
51	37.0	31.1	46.7
86	64.8	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 17.765 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

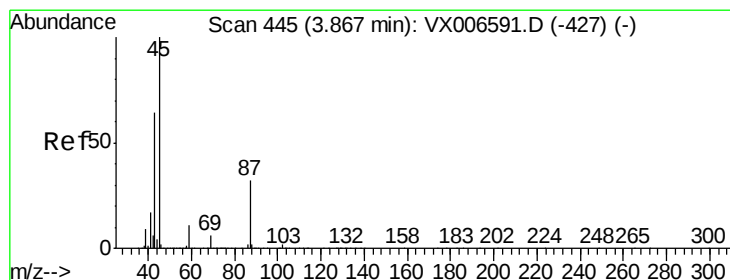
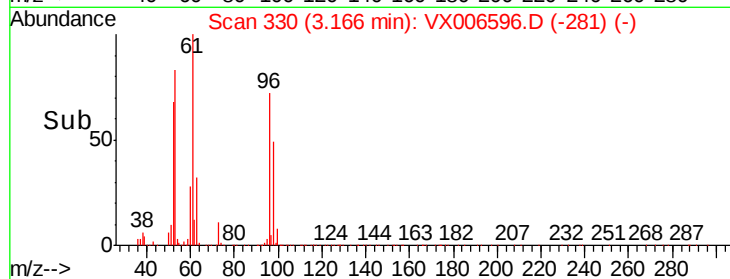
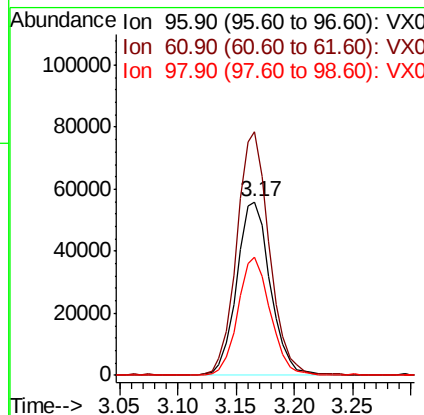
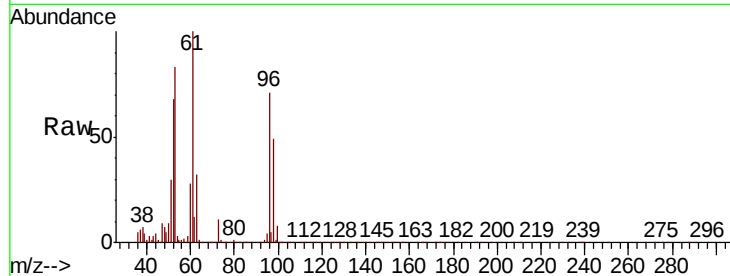
ClientSampleId :

VX1218WBS01

Tot Ion:	96	Resp:	111333
Ion	Ratio	Lower	Upper
96	100		
61	140.3	113.3	169.9
98	68.2	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.495 ug/l

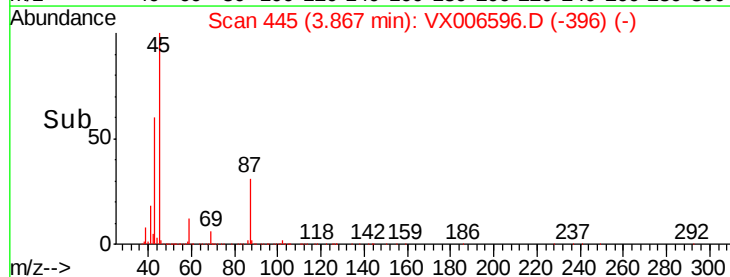
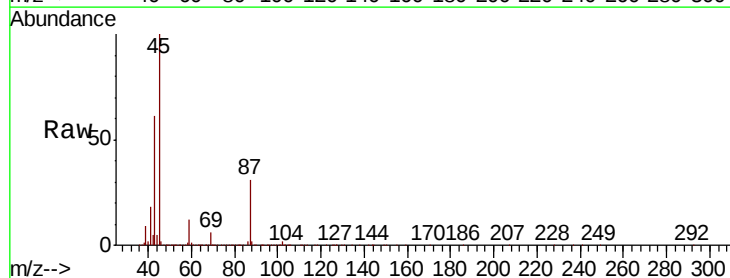
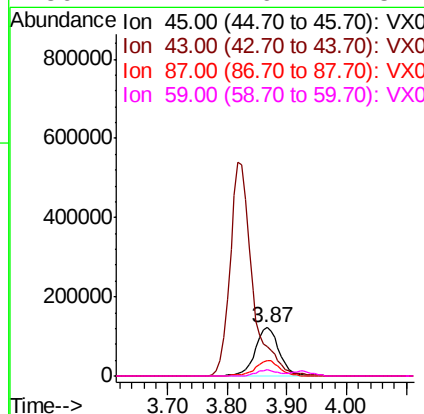
RT: 3.87 min Scan# 445

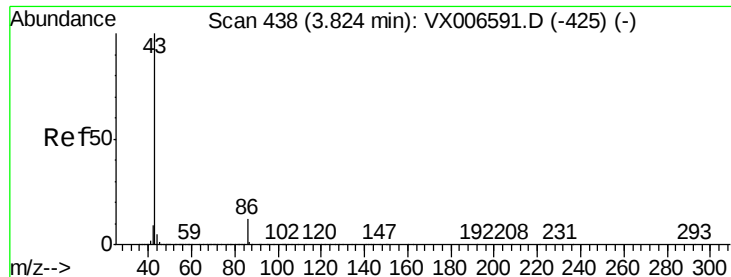
Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	45	Resp:	339535
Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.2	69.2
87	31.0	24.9	37.3
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 98.486 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 1403091

Ion Ratio Lower Upper

43 100

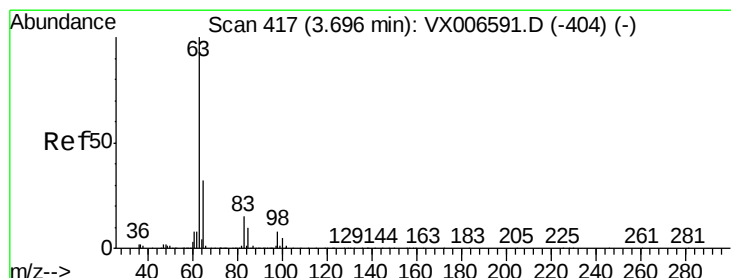
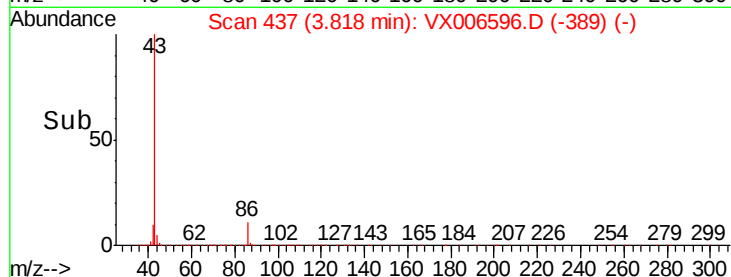
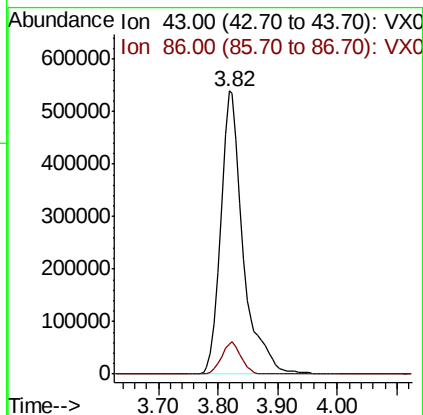
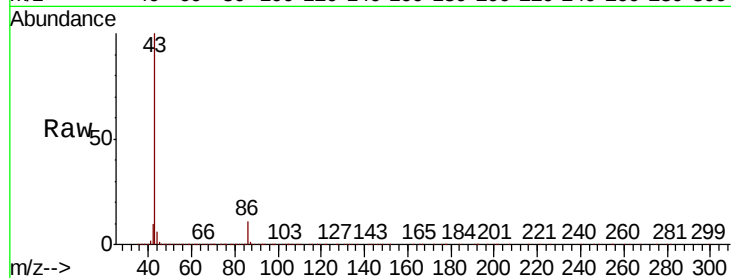
86 10.5 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.320 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

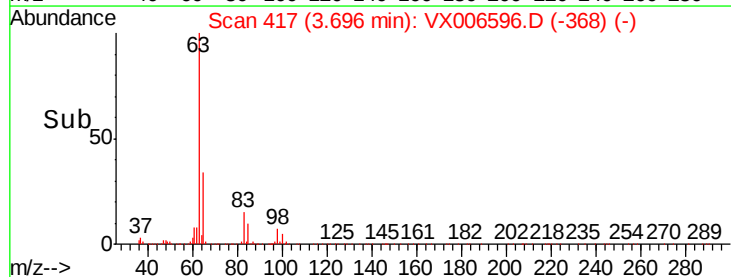
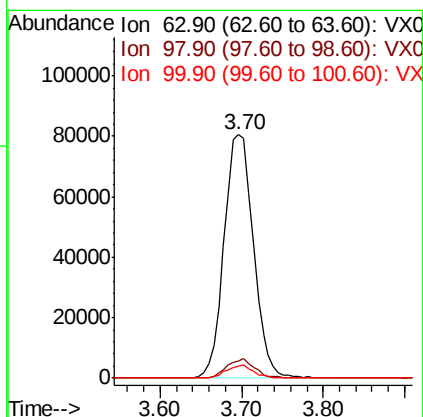
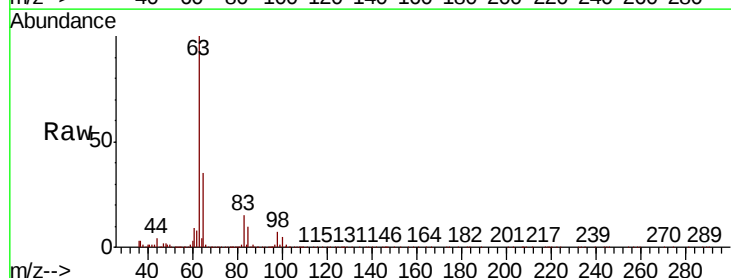
Tgt Ion: 63 Resp: 200875

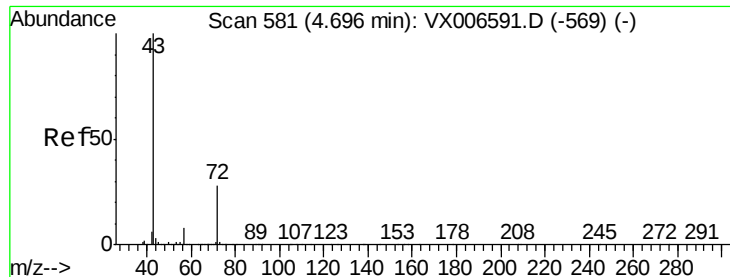
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 94.920 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 418509

Ion Ratio Lower Upper

43 100

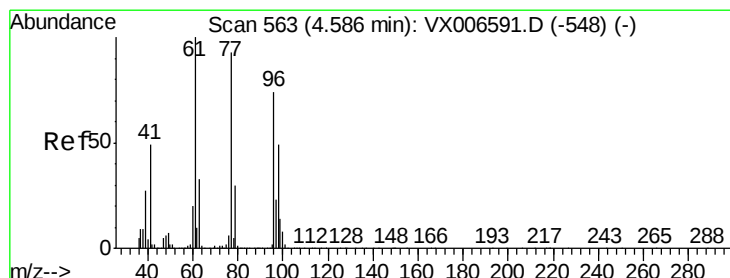
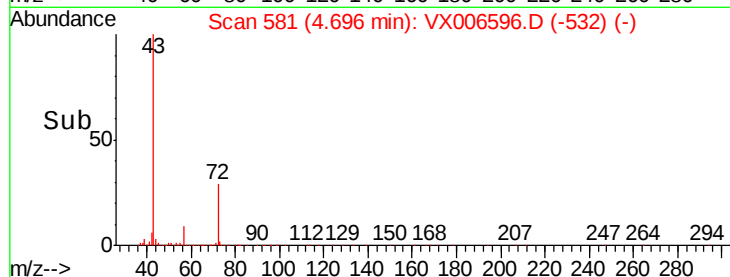
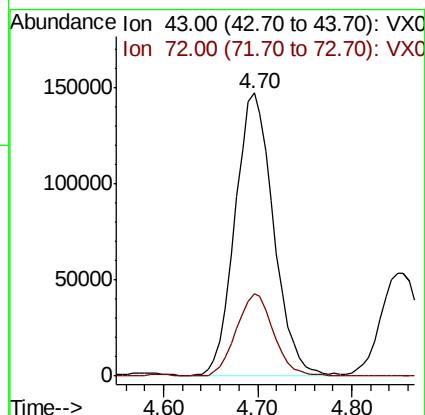
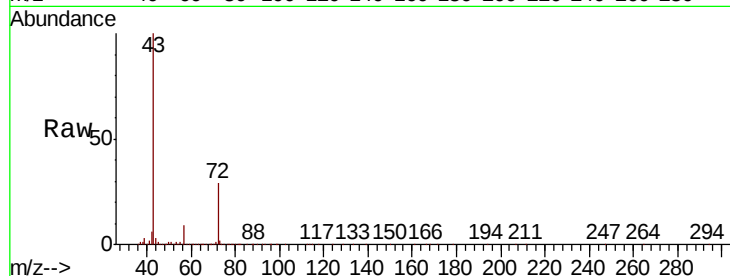
72 29.2 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 19.277 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006596.D

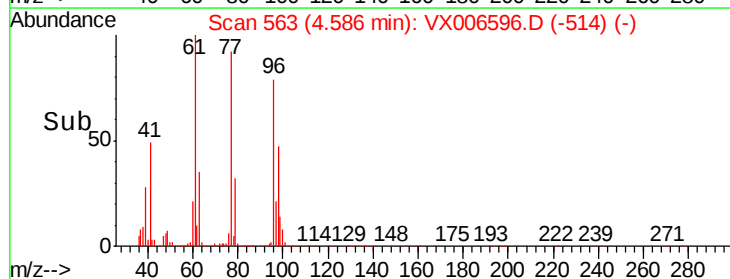
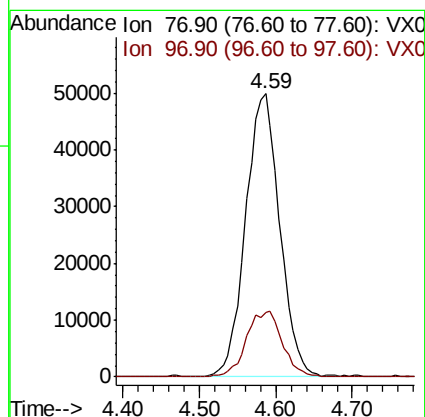
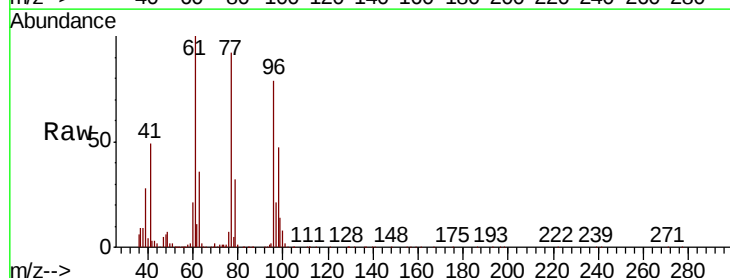
Acq: 18 Dec 2018 14:31

Tgt Ion: 77 Resp: 154818

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8





#27

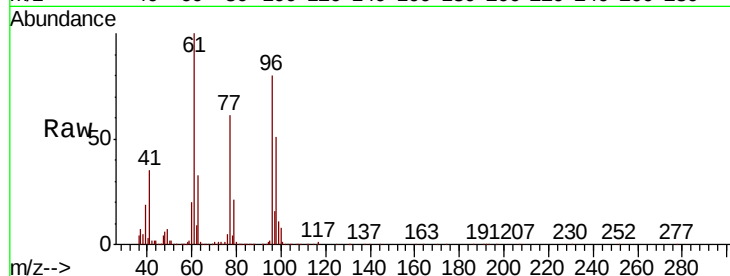
cis-1,2-Dichloroethene
Concen: 19.206 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132799		
61	130.4	0.0	265.0	
98	65.5	0.0	130.2	

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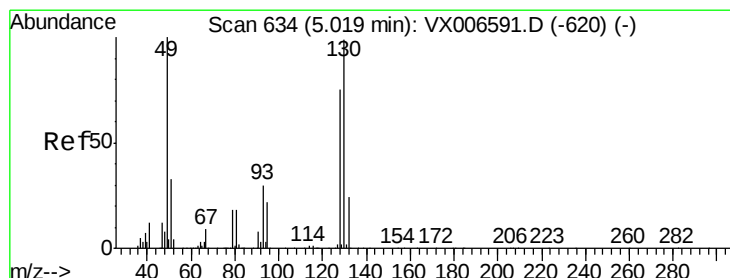
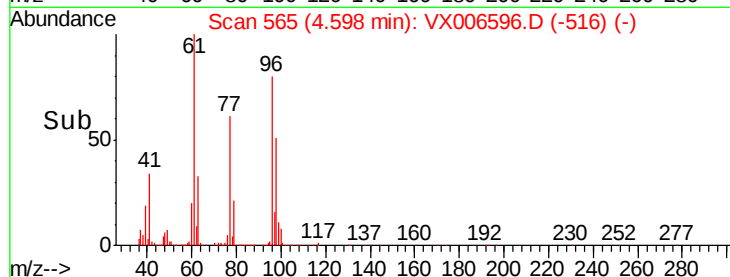
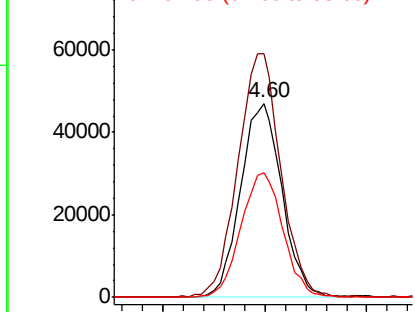


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

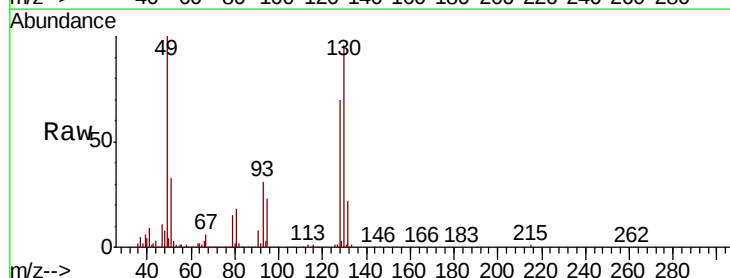
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.683 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91191		
129	3.0	0.0	5.0	
130	98.4	78.3	117.5	

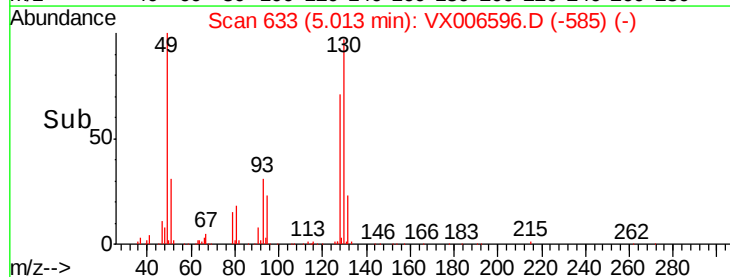
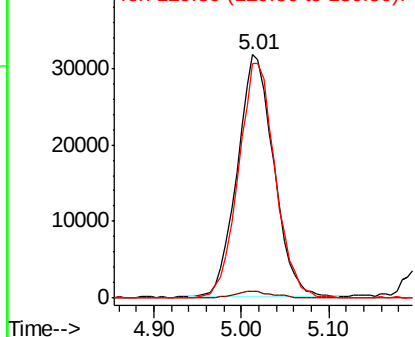


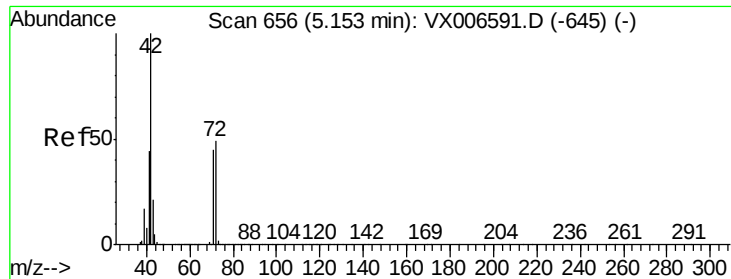
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





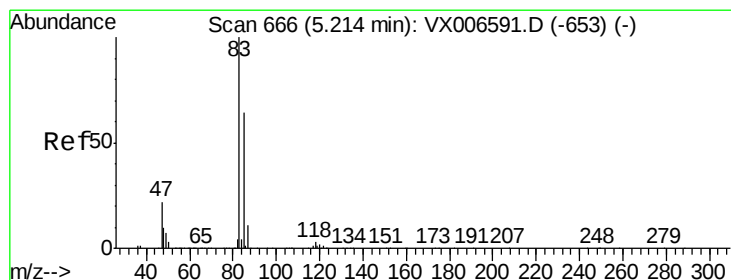
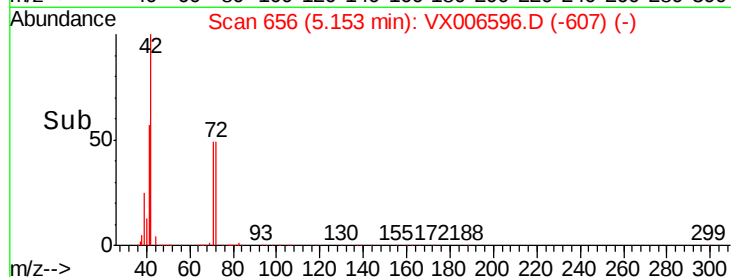
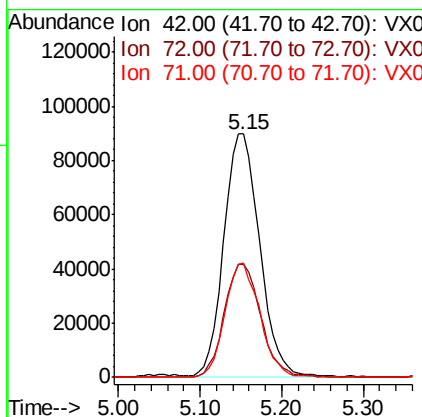
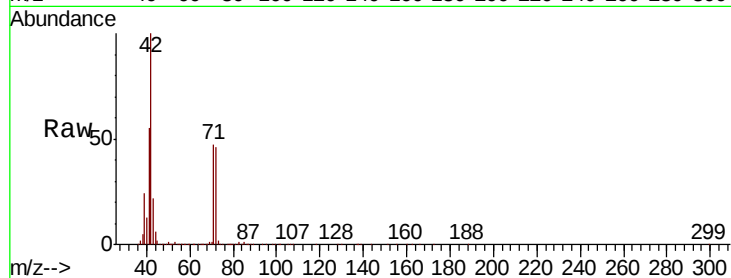
#29
Tetrahydrofuran
Concen: 93.600 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.8	56.8
71	46.0	35.2	52.8

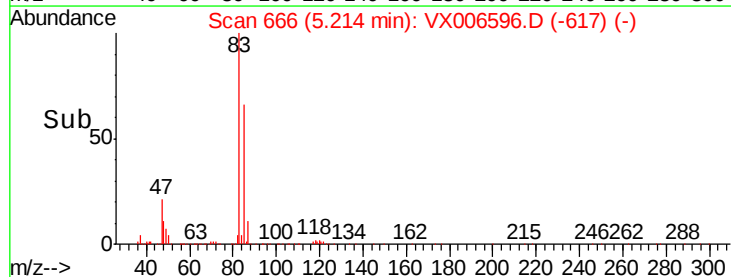
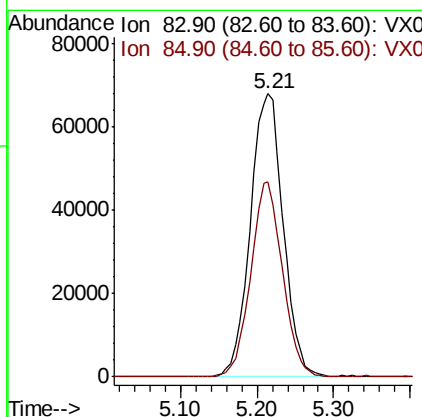
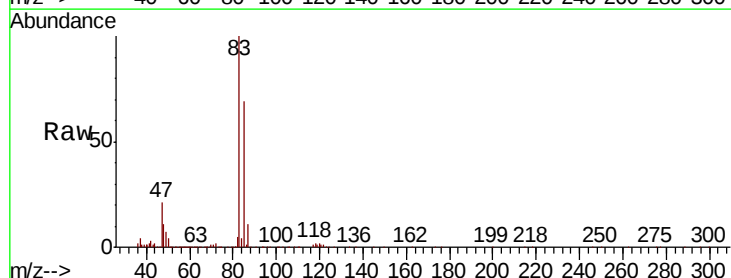
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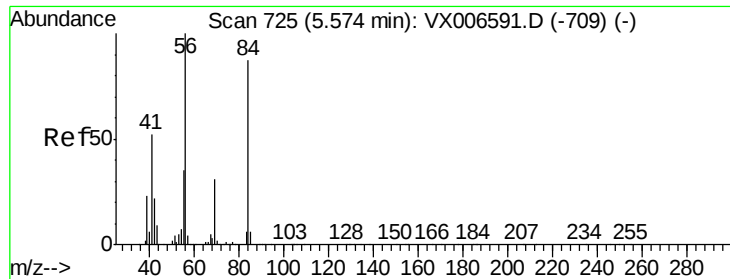
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#30
Chloroform
Concen: 18.954 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.3	75.5





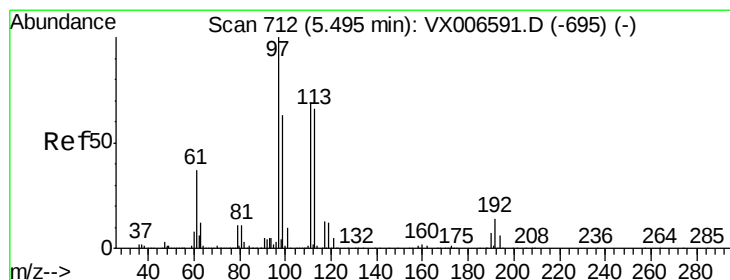
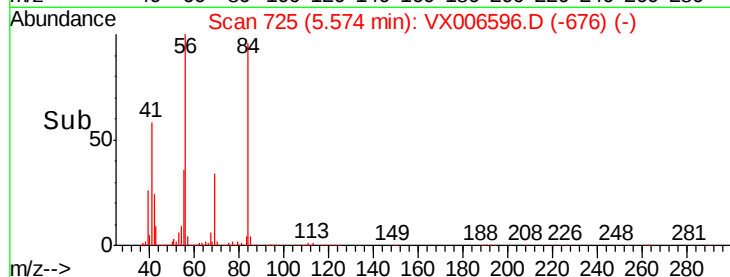
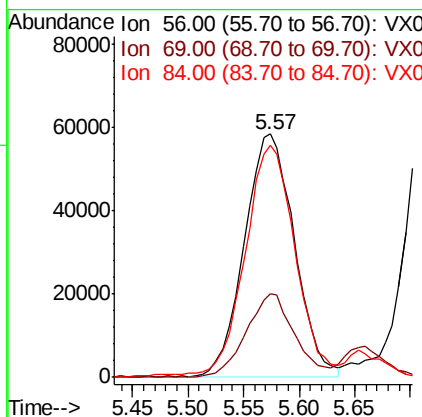
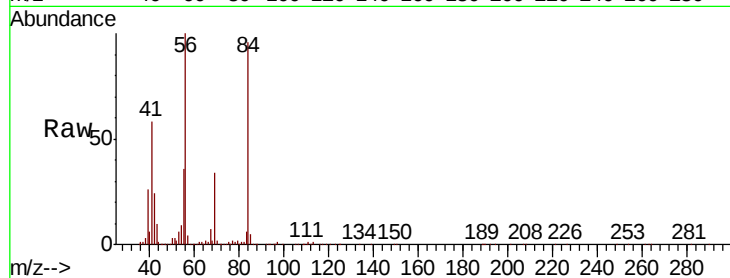
#31
Cyclohexane
Concen: 19.379 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	24.5	36.7
84	94.1	71.8	107.6

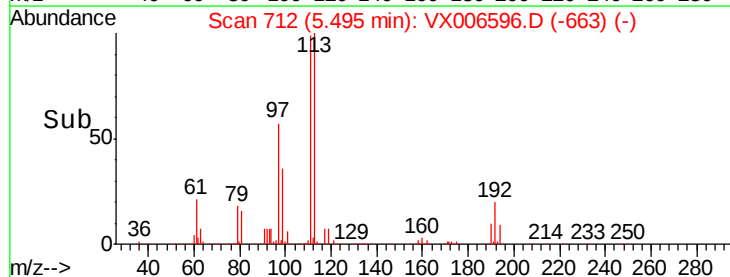
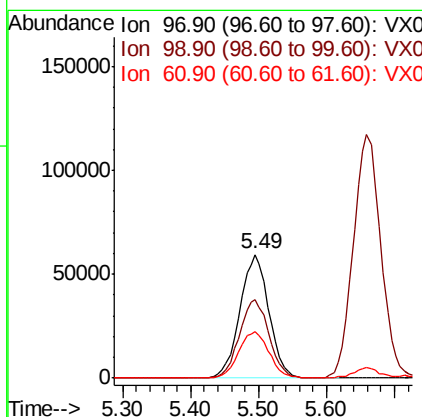
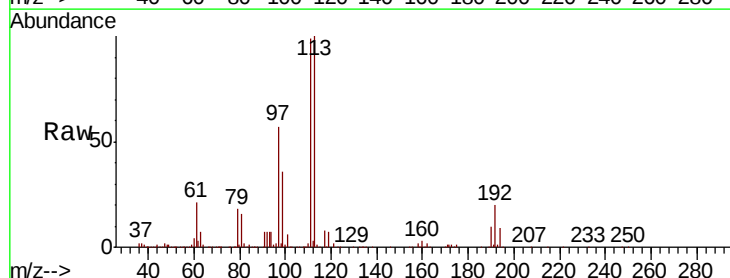
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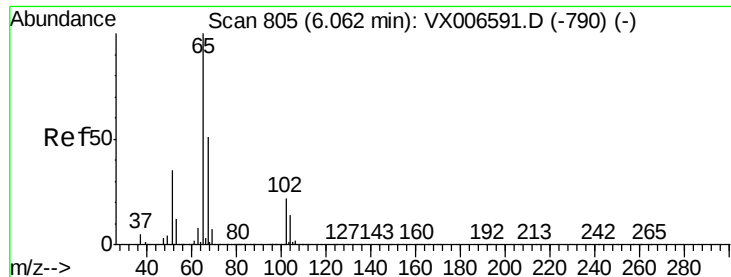
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#32
1,1,1-Trichloroethane
Concen: 19.289 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	39.2	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 48.742 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 65 Resp: 332545

Ion Ratio Lower Upper

65 100

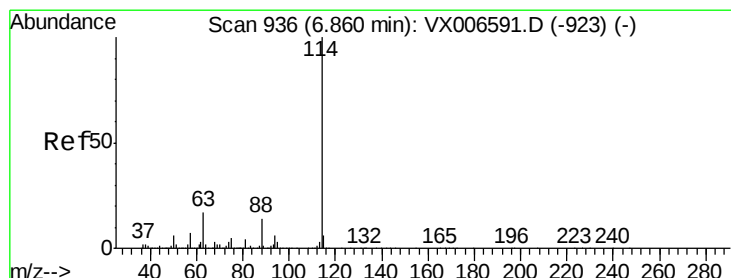
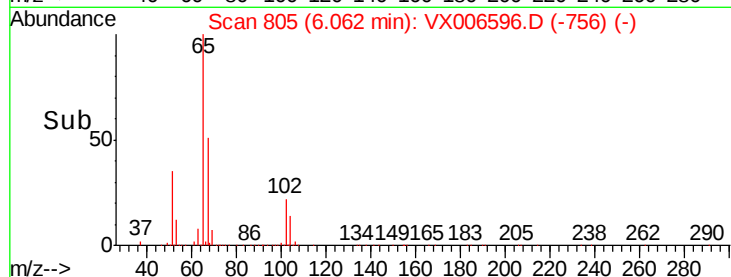
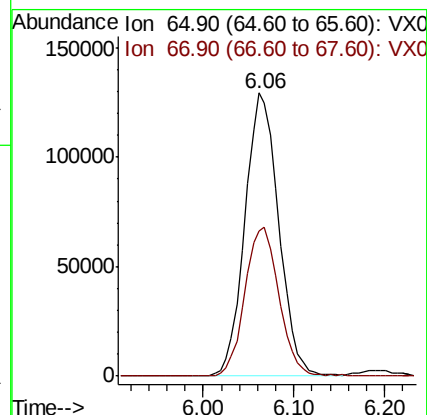
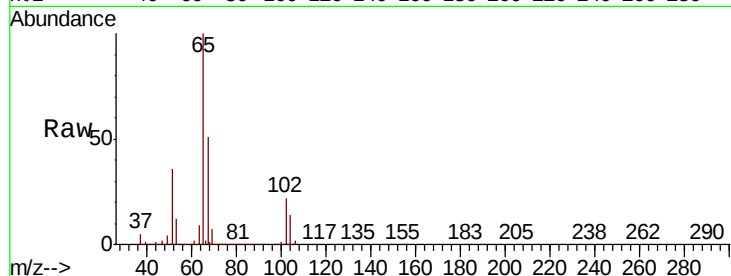
67 53.2 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

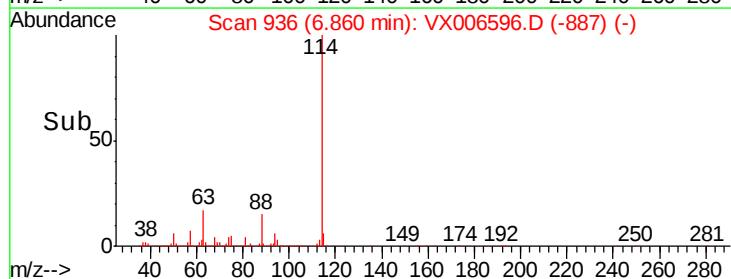
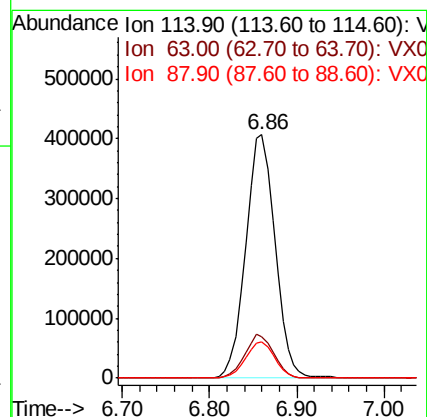
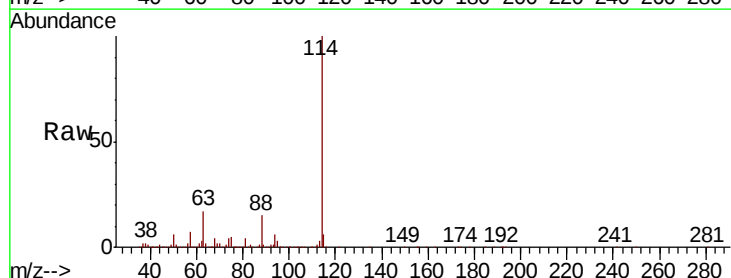
Tgt Ion: 114 Resp: 952616

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.628 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

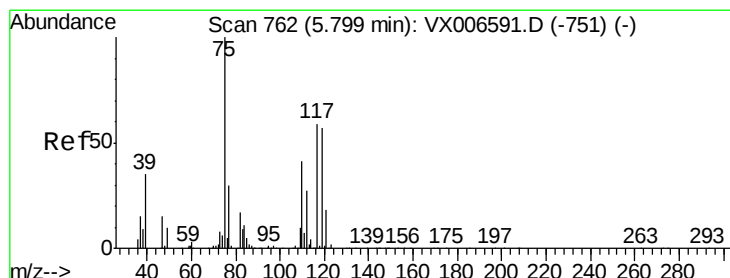
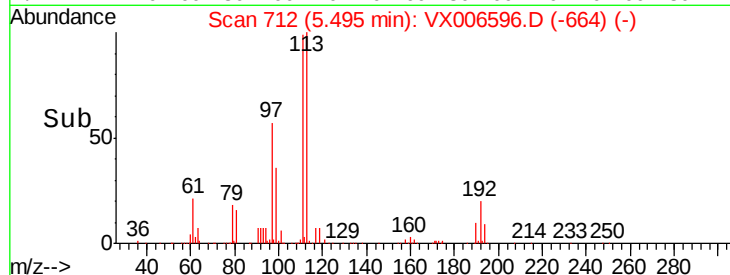
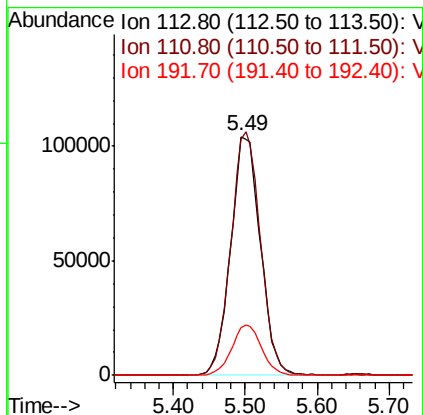
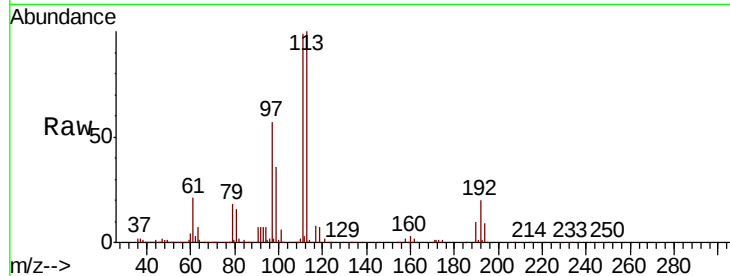
ClientSampleId :

VX1218WBS01

Tot Ion:	113	Resp:	298970
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	21.3	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 20.071 ug/l

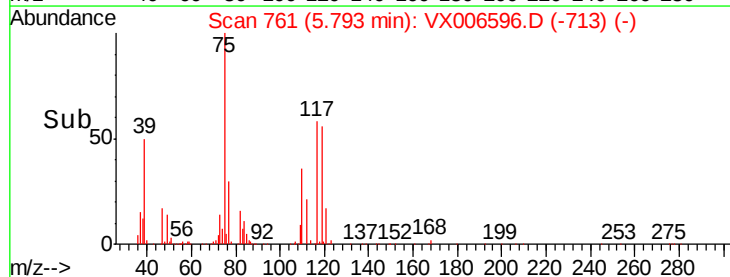
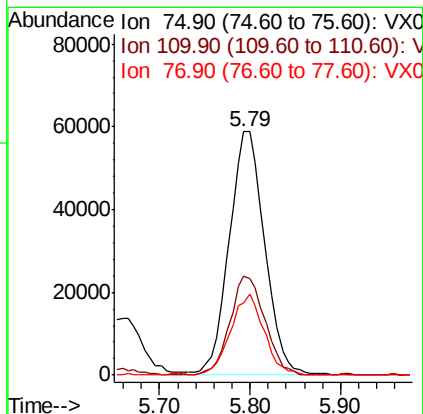
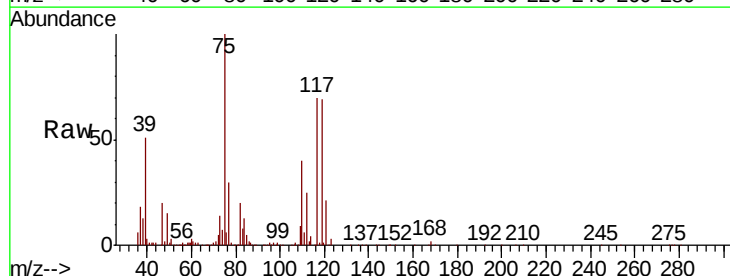
RT: 5.79 min Scan# 761

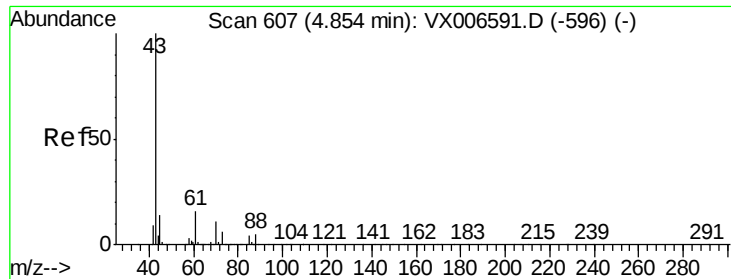
Delta R.T. -0.01 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	75	Resp:	158357
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.4	61.3
77	31.2	24.9	37.3





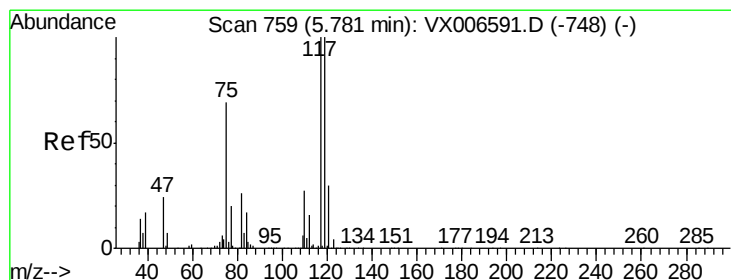
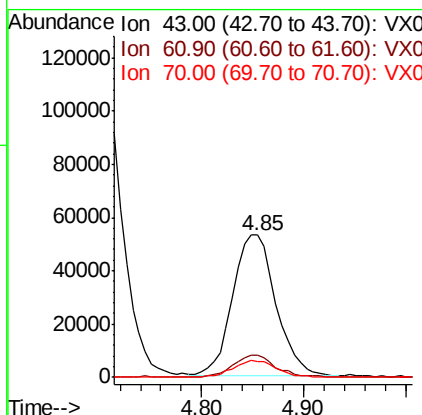
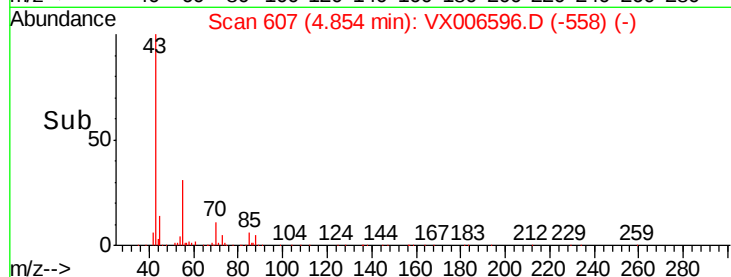
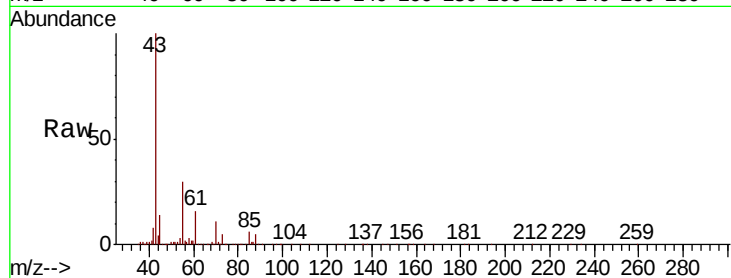
#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion:	43	Resp:	157299
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.2	9.0	13.6

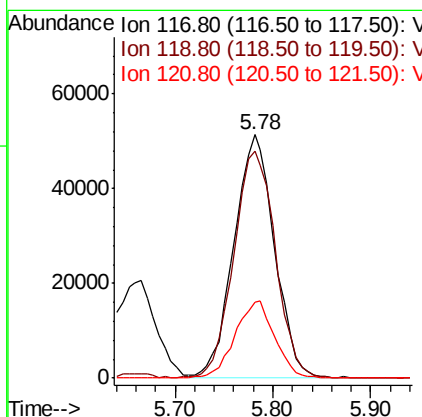
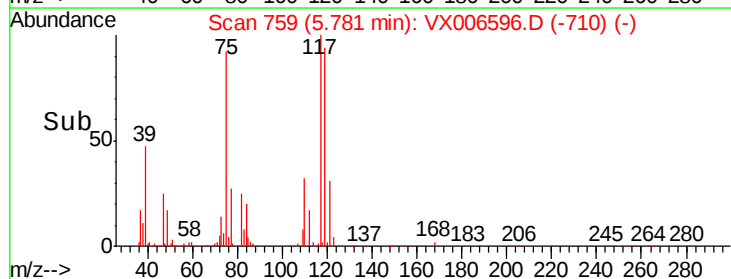
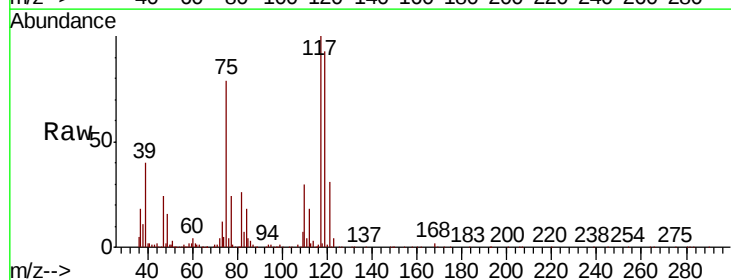
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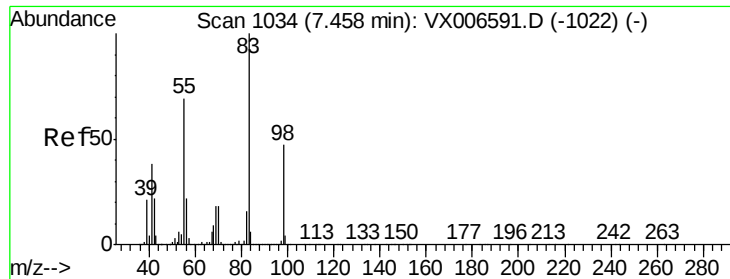
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#38
Carbon Tetrachloride
Concen: 19.129 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion:	117	Resp:	146676
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.8
121	31.2	24.6	37.0





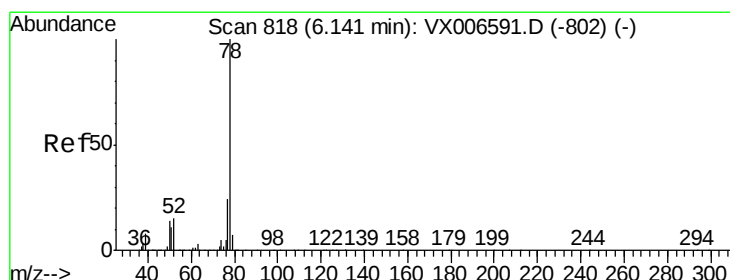
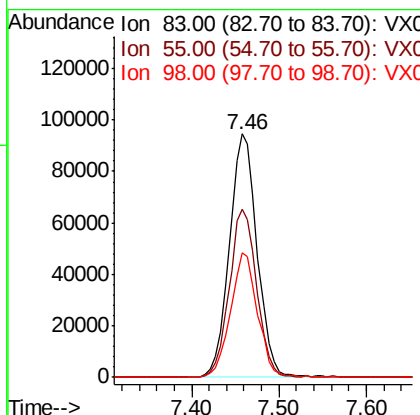
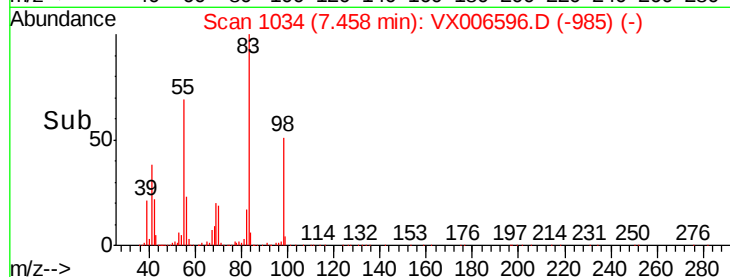
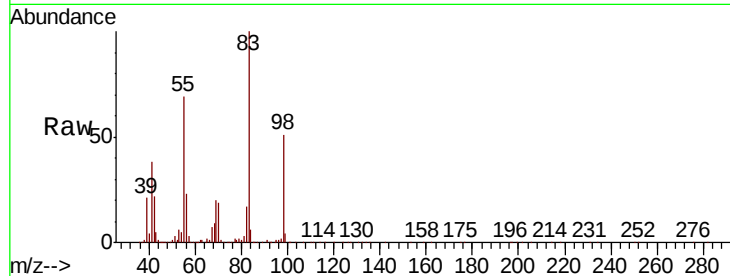
#39
Methvlcvclohexane
Concen: 20.085 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	56.4	84.6
98	51.3	39.0	58.6

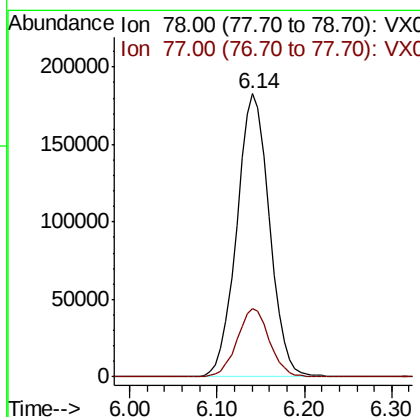
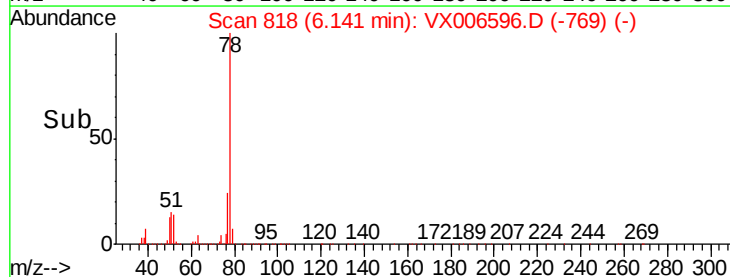
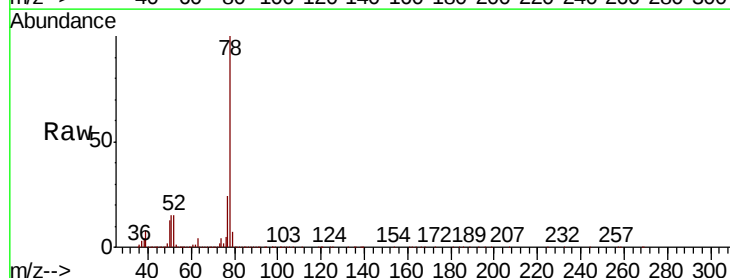
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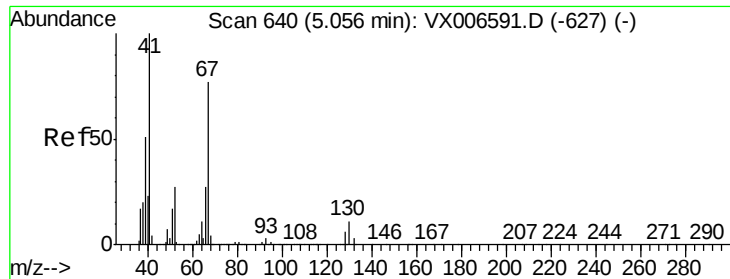
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#40
Benzene
Concen: 19.739 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





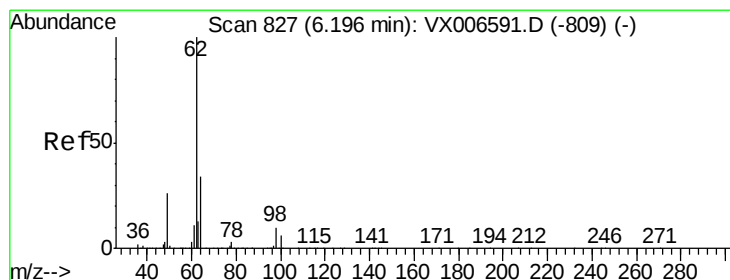
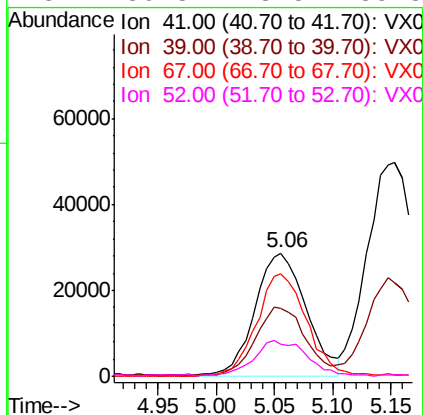
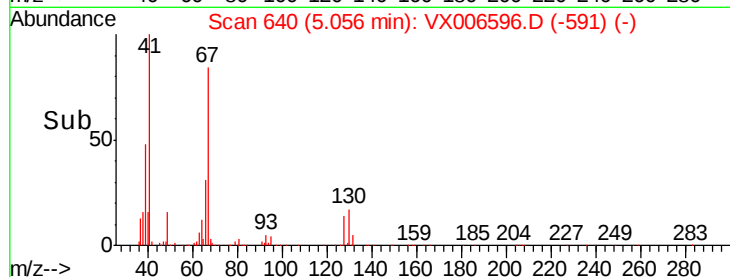
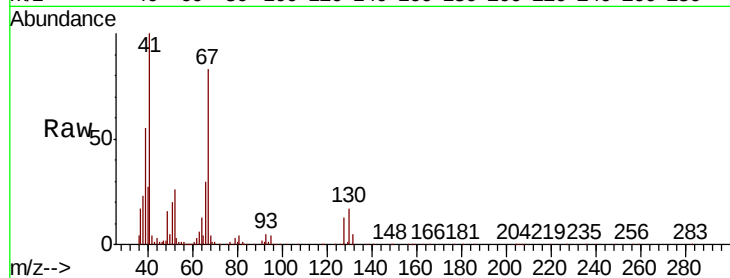
#41
Methacrylonitrile
Concen: 18.789 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.0	66.0
67	81.8	61.4	92.0
52	30.8	23.5	35.3

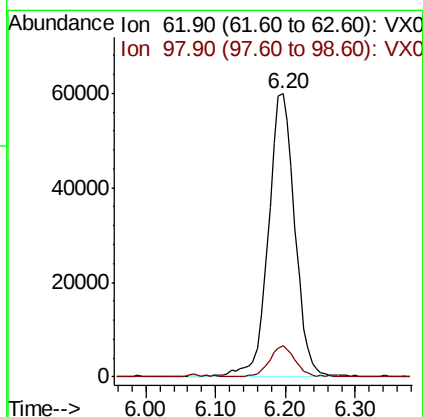
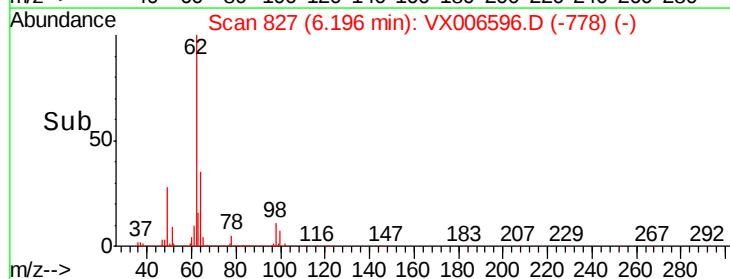
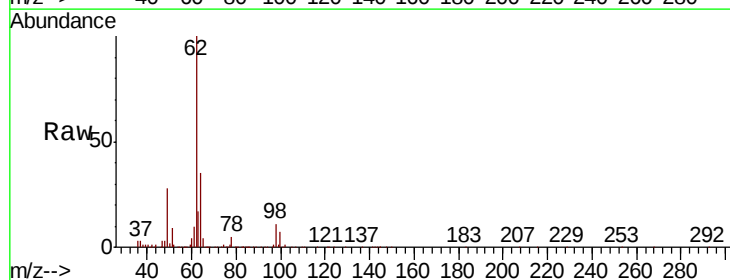
Manual Integrations
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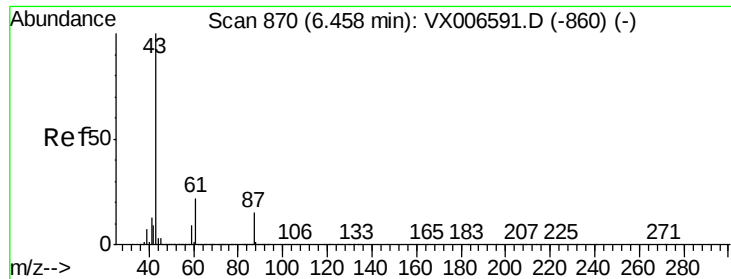
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.278 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.881 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

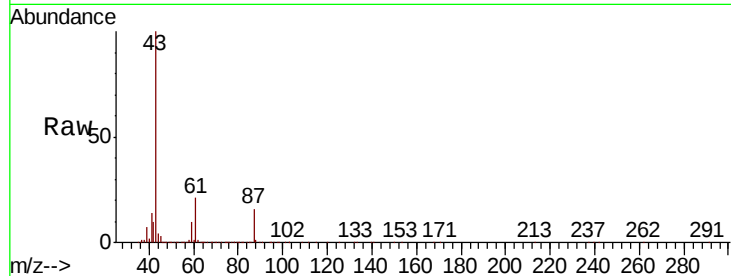
ClientSampleId :

VX1218WBS01

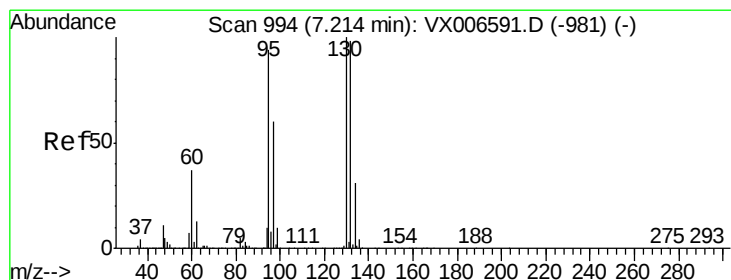
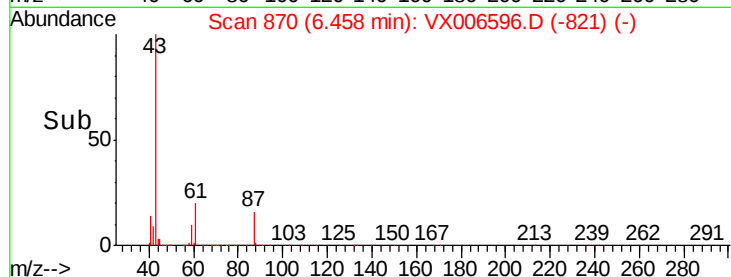
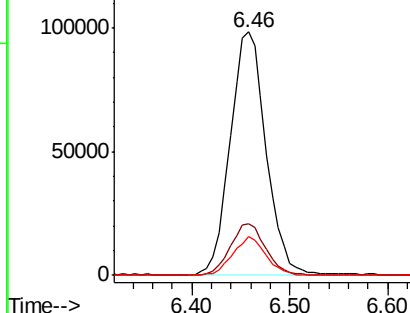
Tot Ion:	43	Resp:	248411
Ion Ratio	Lower	Upper	
43	100		
61	21.4	16.8	25.2
87	14.8	11.9	17.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.417 ug/l

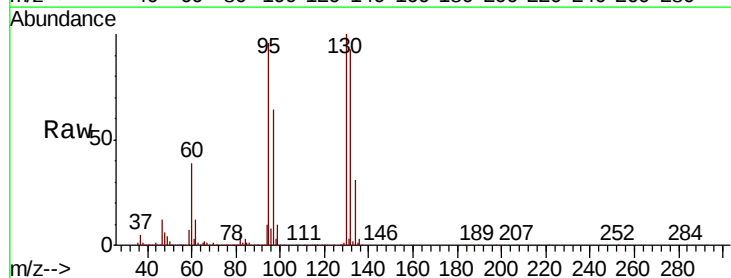
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

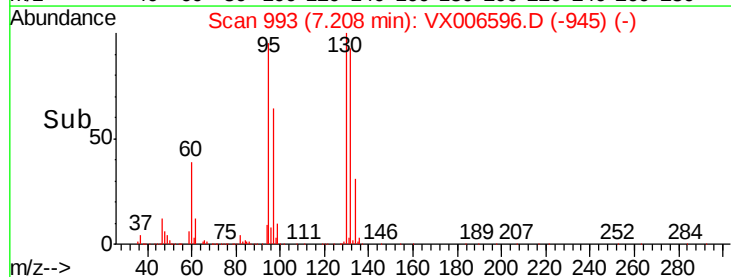
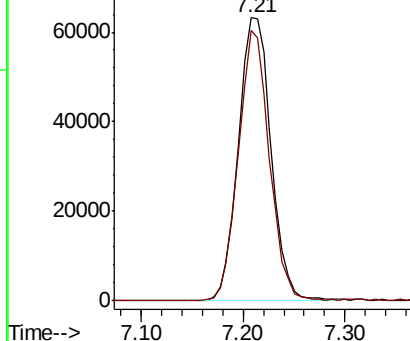
Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	130	Resp:	140944
Ion Ratio	Lower	Upper	
130	100		
95	95.5	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





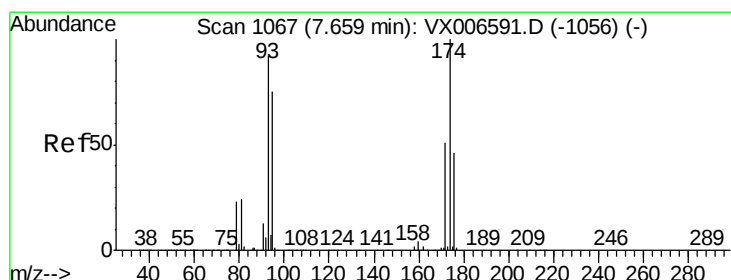
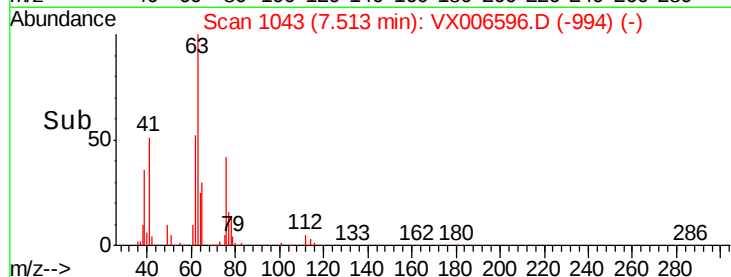
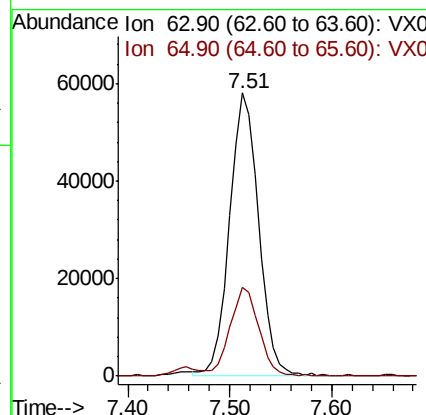
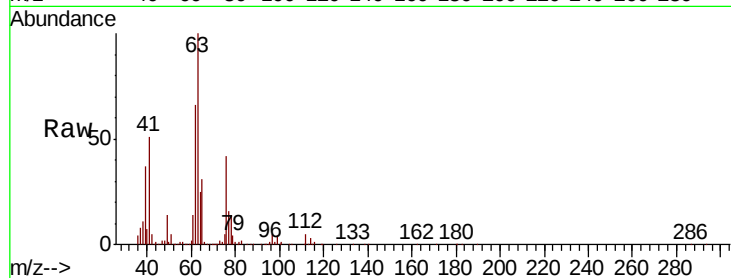
#45
 1,2-Dichloropropane
 Concen: 19.414 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.3	36.5

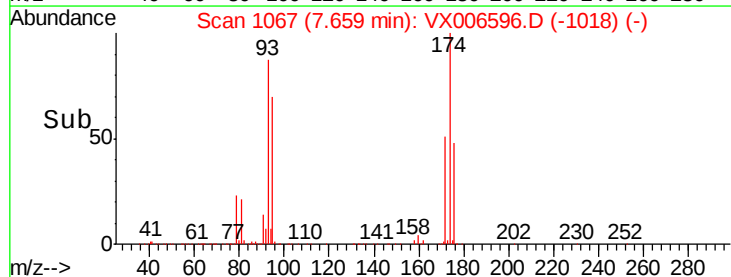
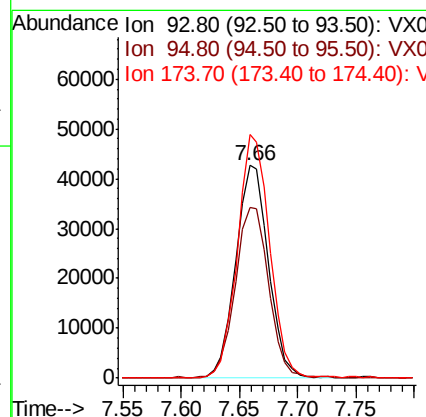
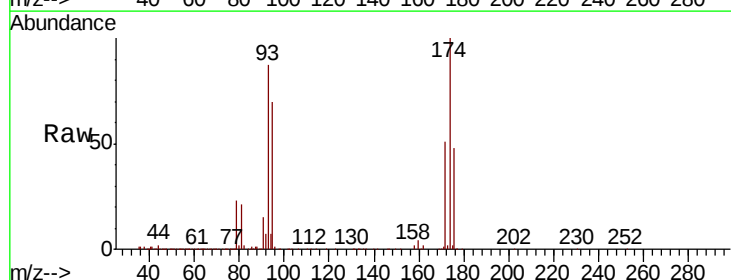
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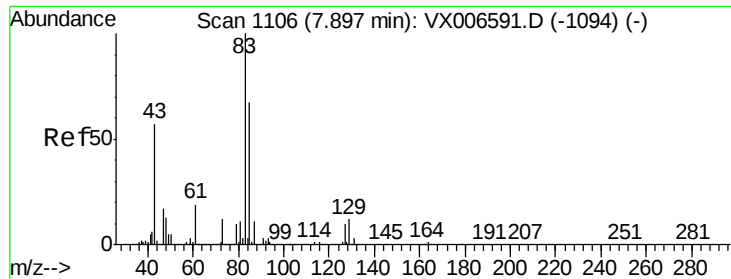
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#46
 Dibromomethane
 Concen: 19.530 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.2	99.4
174	112.6	97.2	145.8





#47

Bromodichloromethane

Concen: 18.702 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

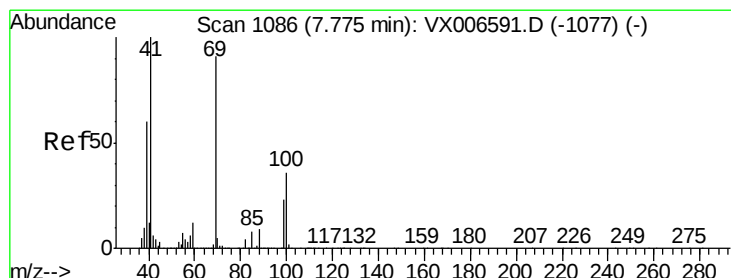
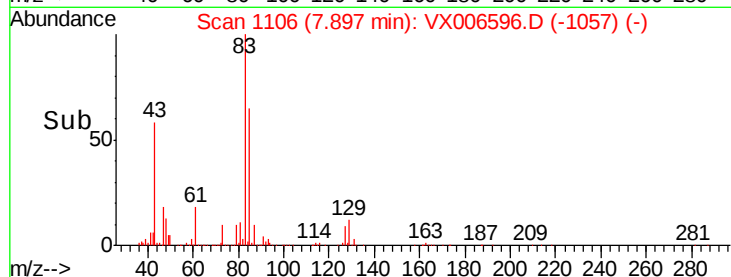
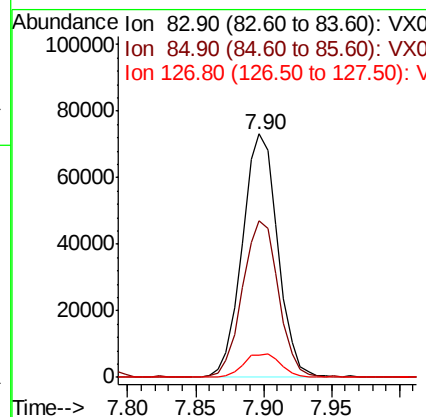
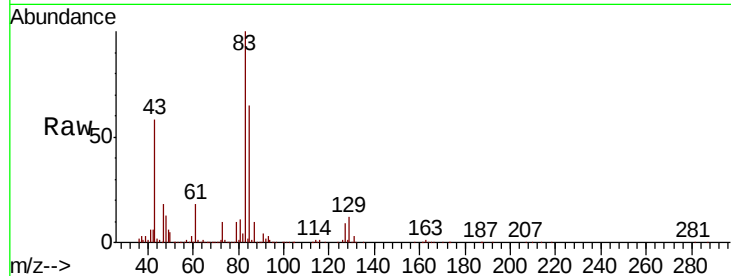
ClientSampleId :

VX1218WBS01

Tot Ion:	83	Resp:	133289
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0
127	9.0	7.9	11.9

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#48

Methyl methacrylate

Concen: 20.268 ug/l

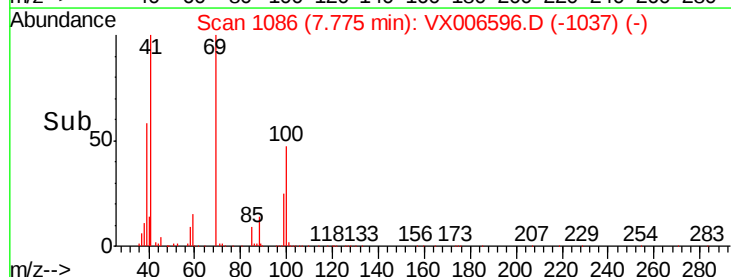
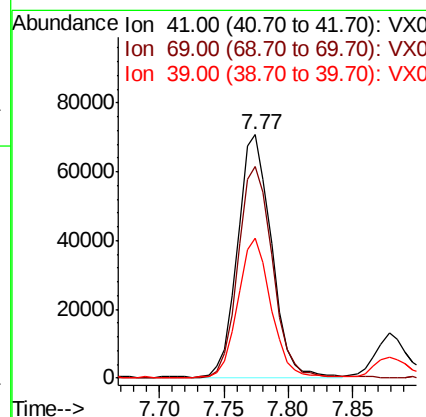
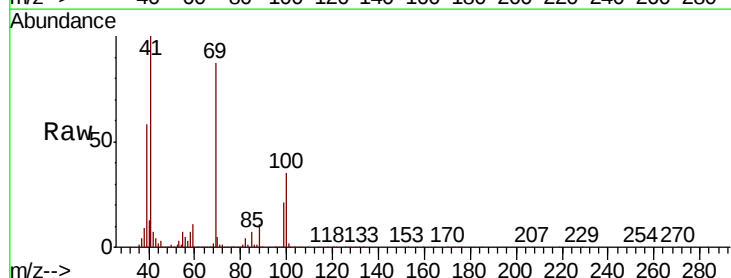
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	41	Resp:	128784
Ion	Ratio	Lower	Upper
41	100		
69	88.2	70.3	105.5
39	56.0	45.3	67.9





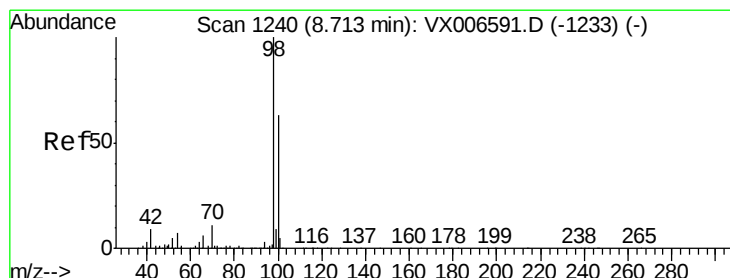
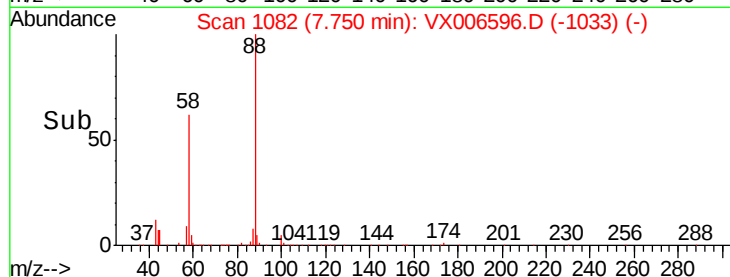
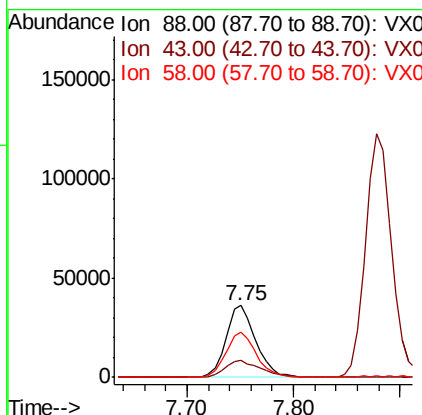
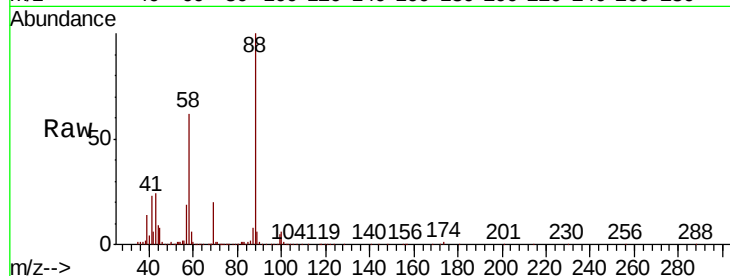
#49
1,4-Dioxane
Concen: 414.219 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.8	23.2	34.8
58	63.1	51.4	77.0

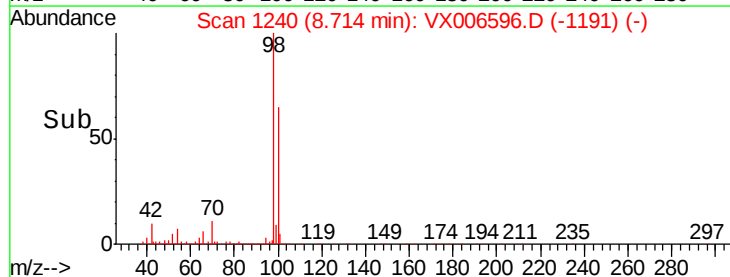
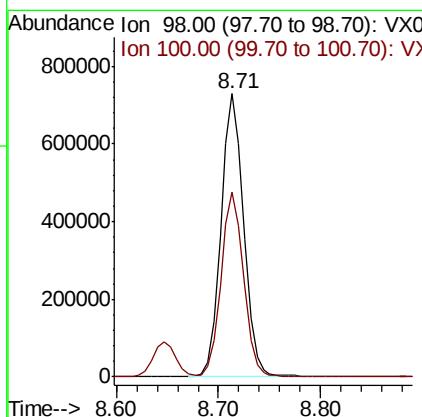
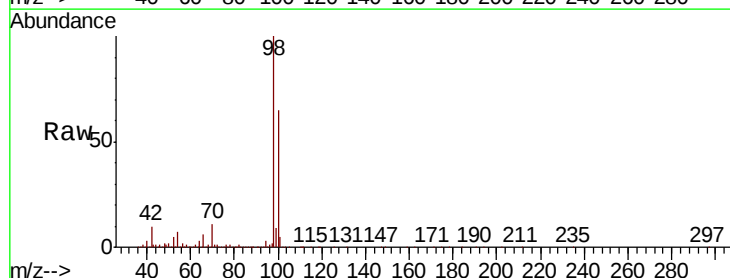
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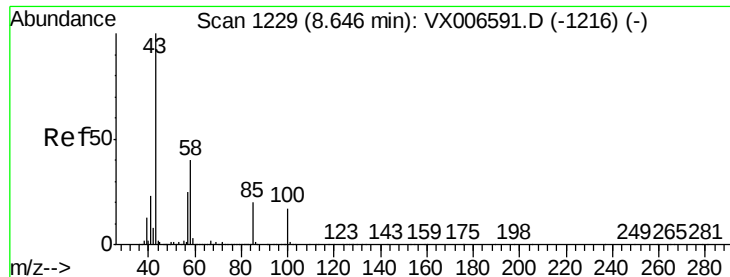
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#50
Toluene-d8
Concen: 49.770 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 101.157 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 804203

Ion Ratio Lower Upper

43 100

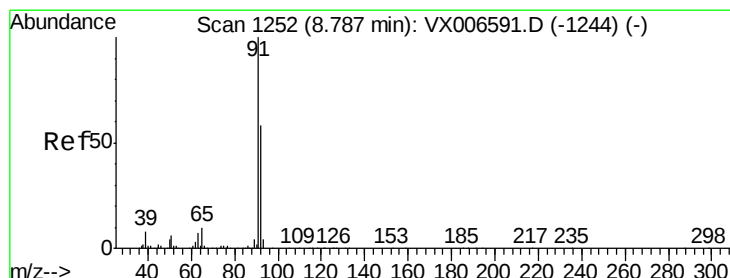
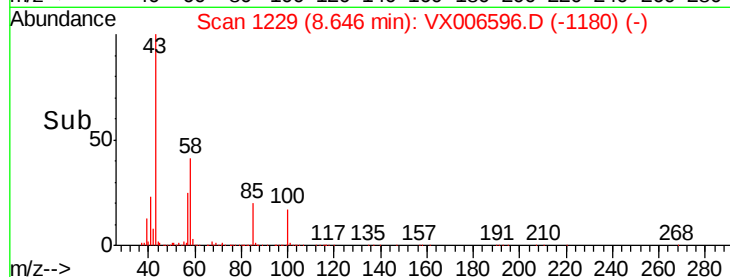
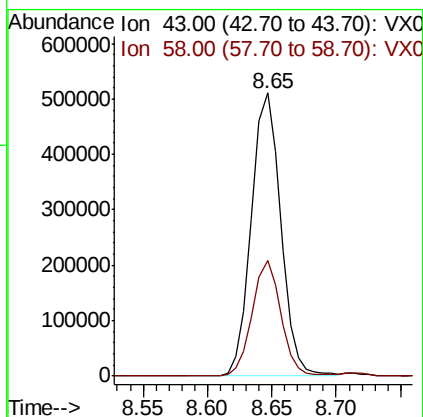
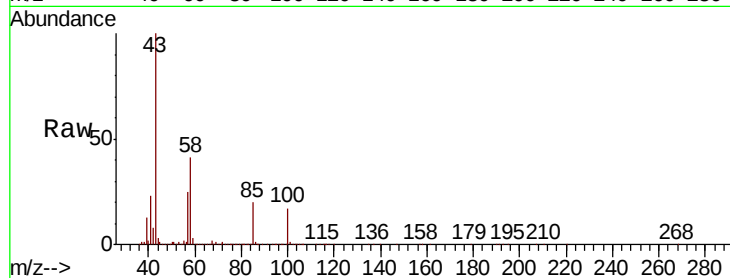
58 39.8 31.3 46.9

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#52

Toluene

Concen: 20.019 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006596.D

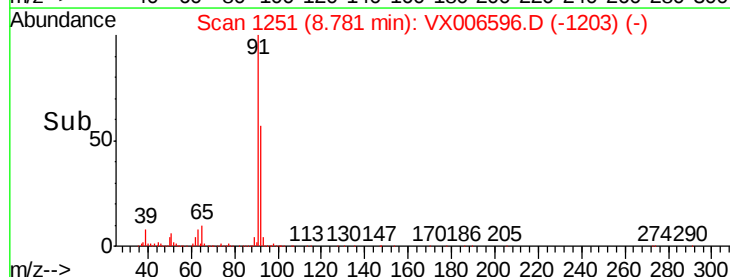
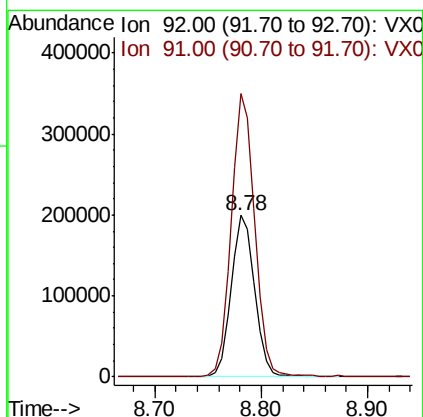
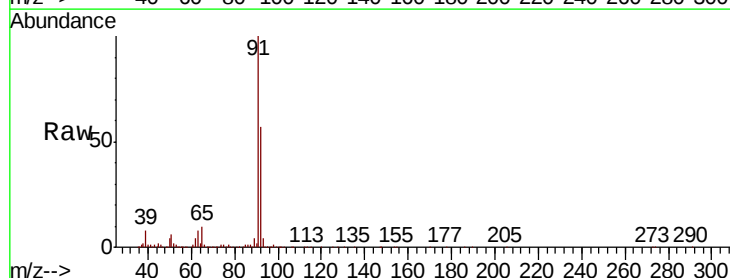
Acq: 18 Dec 2018 14:31

Tgt Ion: 92 Resp: 310176

Ion Ratio Lower Upper

92 100

91 175.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.358 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 75 Resp: 147962

Ion Ratio Lower Upper

75 100

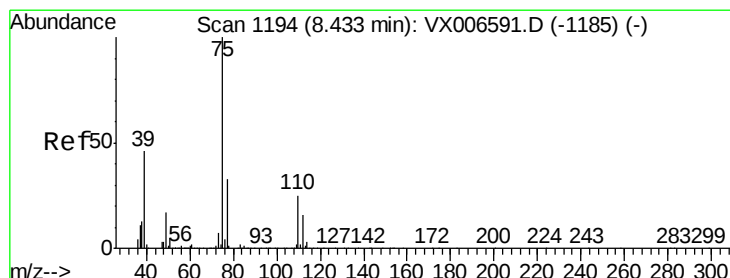
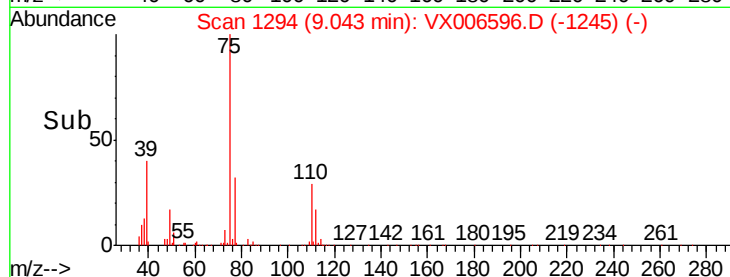
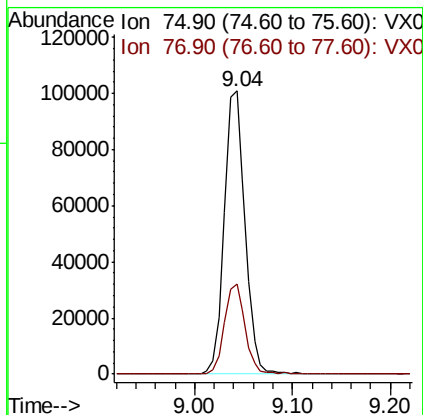
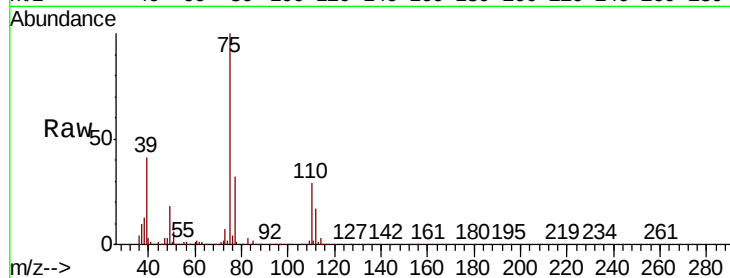
77 31.7 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.675 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

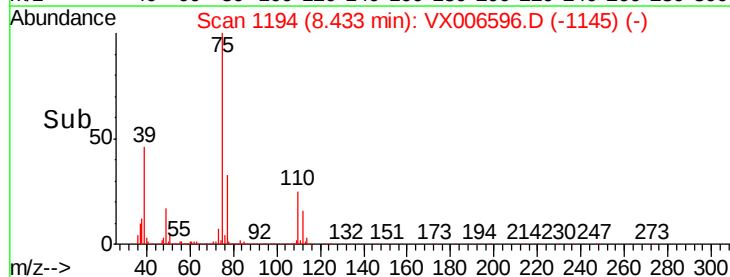
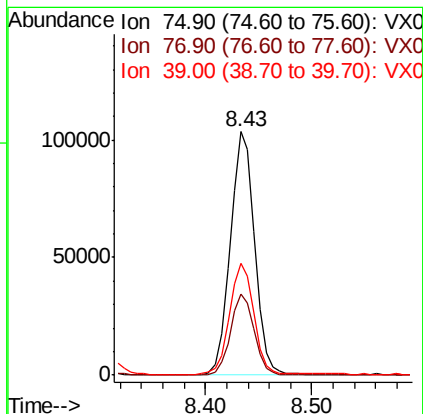
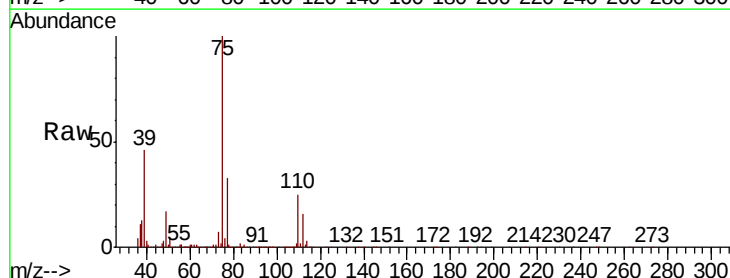
Tgt Ion: 75 Resp: 165013

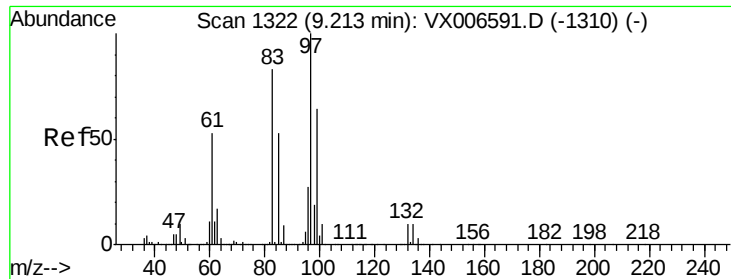
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

39 45.5 36.5 54.7





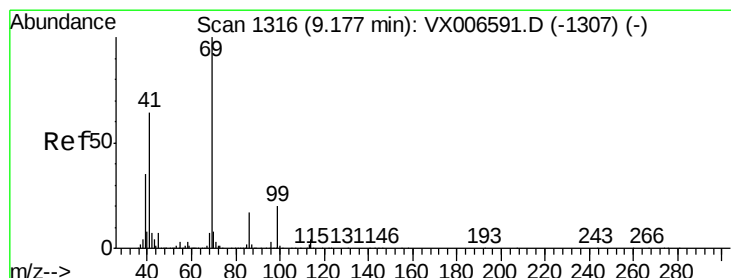
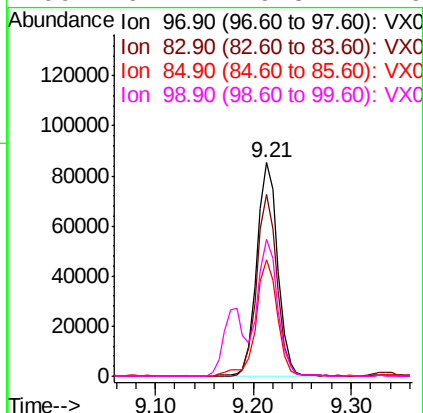
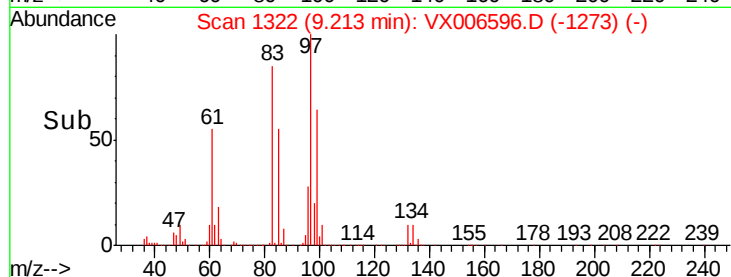
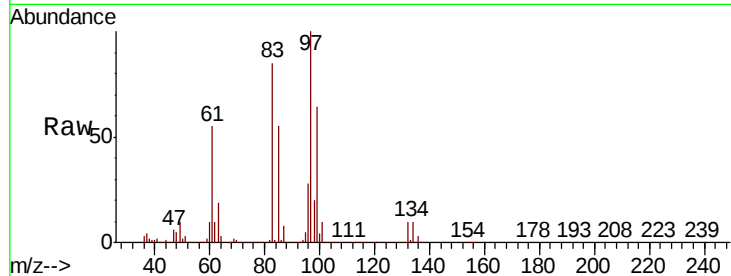
#55
 1,1,2-Trichloroethane
 Concen: 20.027 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion:	97	Resp:	127008
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.1	100.7
85	54.5	43.2	64.8
99	64.4	49.8	74.6

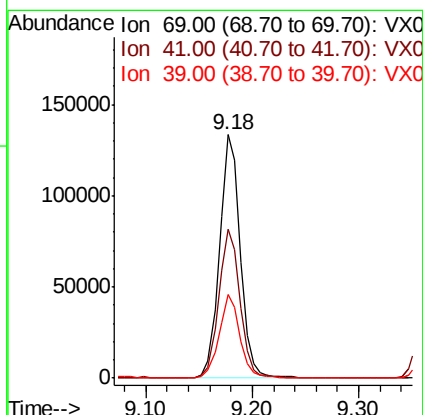
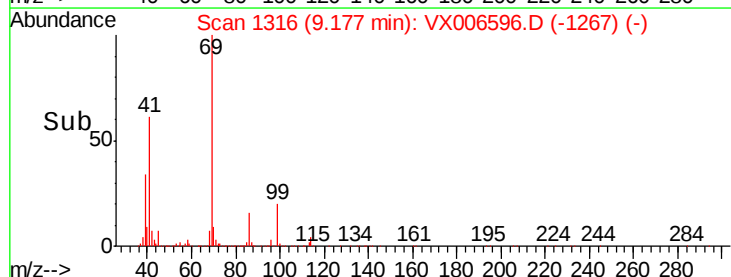
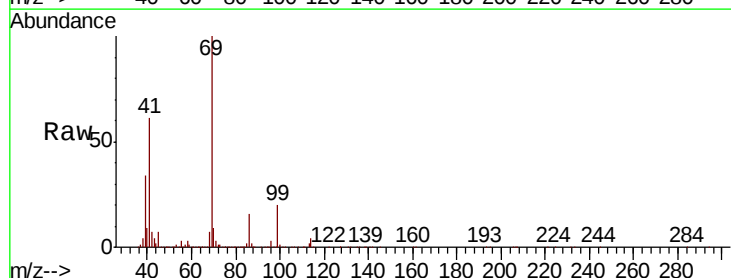
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#56
 Ethyl methacrylate
 Concen: 20.207 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Tgt Ion:	69	Resp:	181122
Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	33.5	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.968 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 76 Resp: 203744

Ion Ratio Lower Upper

76 100

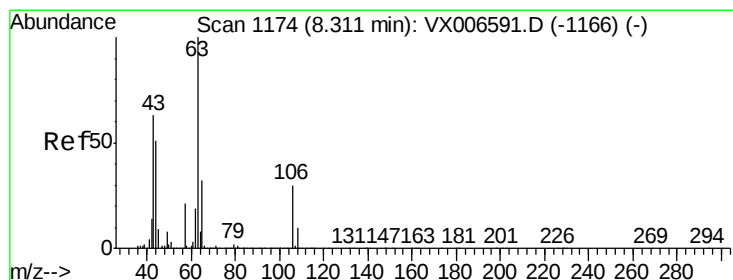
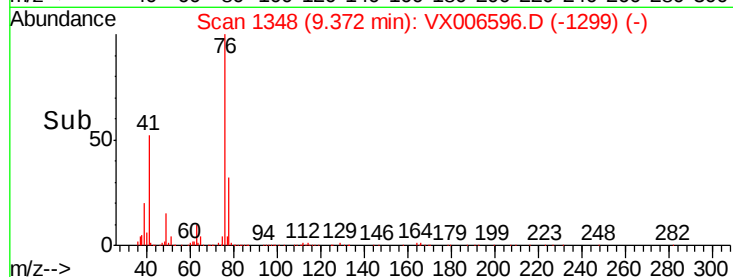
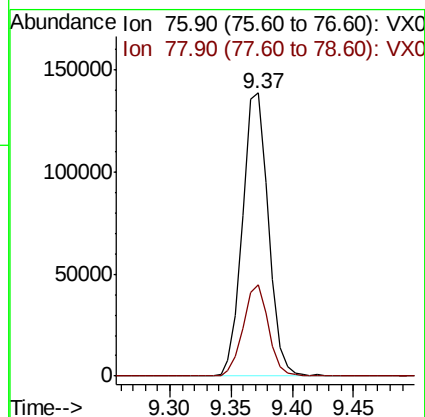
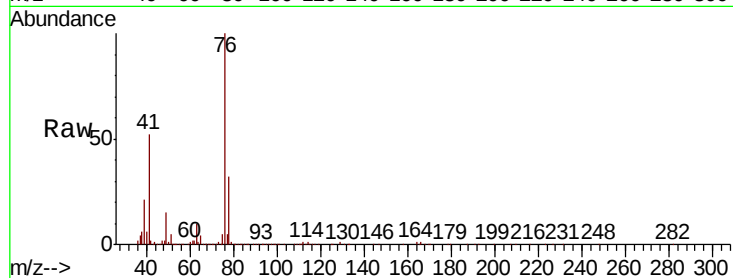
78 31.5 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 97.827 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006596.D

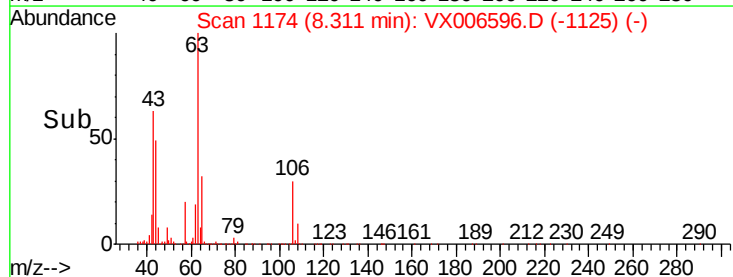
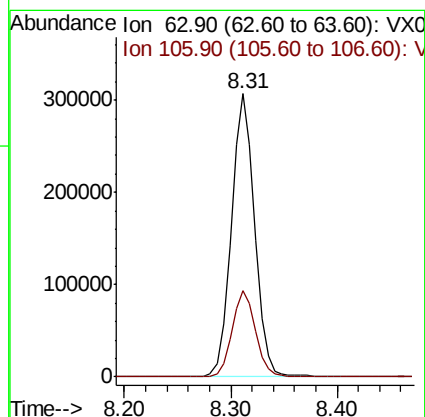
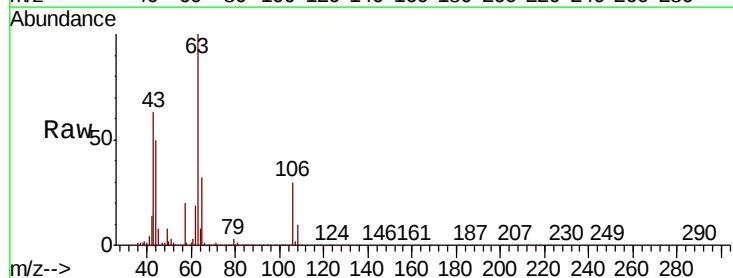
Acq: 18 Dec 2018 14:31

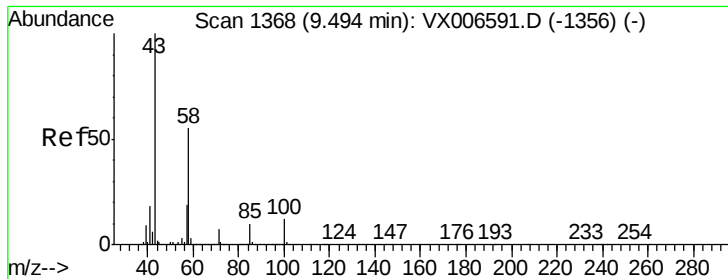
Tgt Ion: 63 Resp: 466112

Ion Ratio Lower Upper

63 100

106 30.8 24.9 37.3





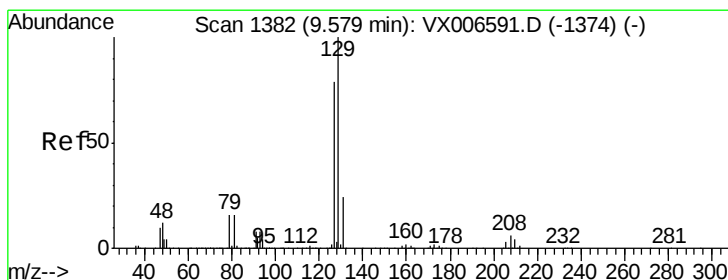
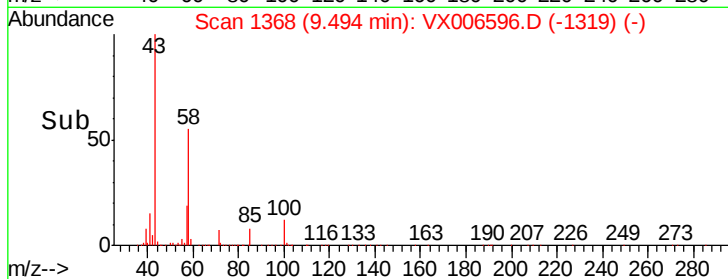
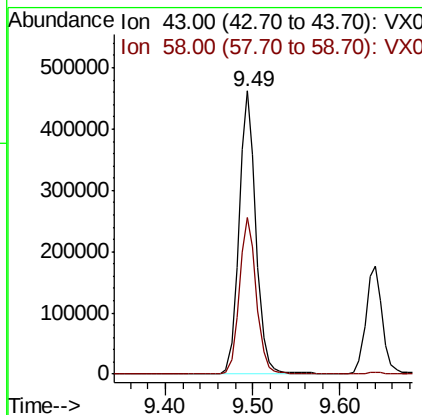
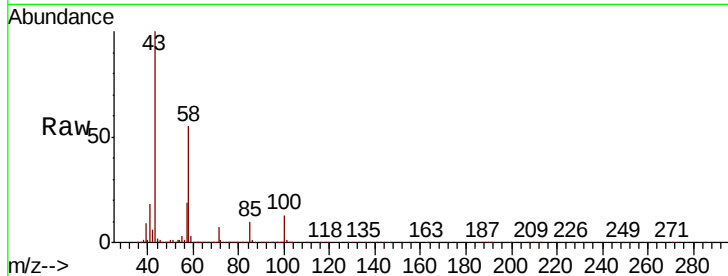
#59
2-Hexanone
Concen: 102.619 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion: 43 Resp: 624206
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1

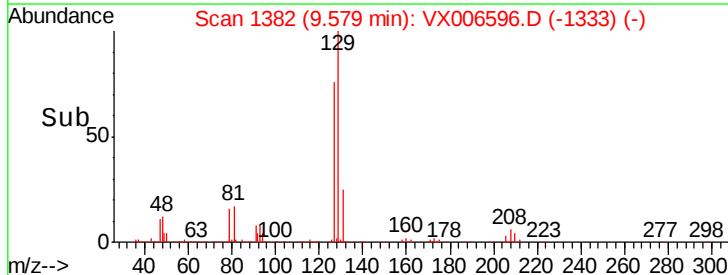
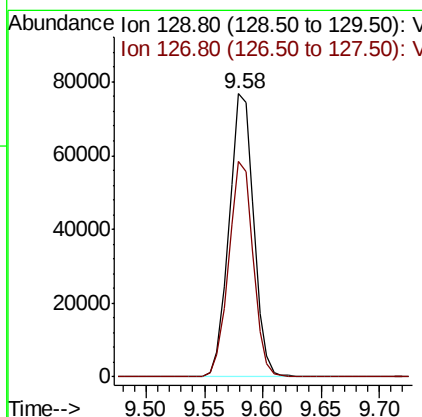
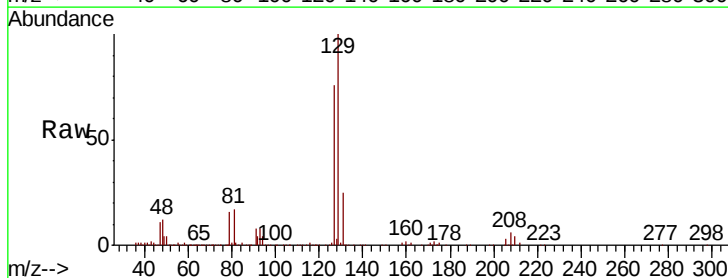
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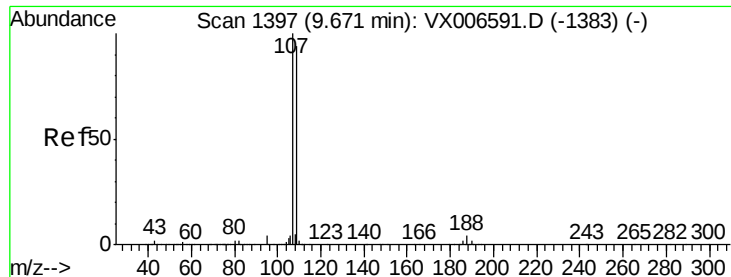
MMDadoda
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#60
Dibromochloromethane
Concen: 18.588 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion: 129 Resp: 113138
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.017 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 107 Resp: 134945

Ion Ratio Lower Upper

107 100

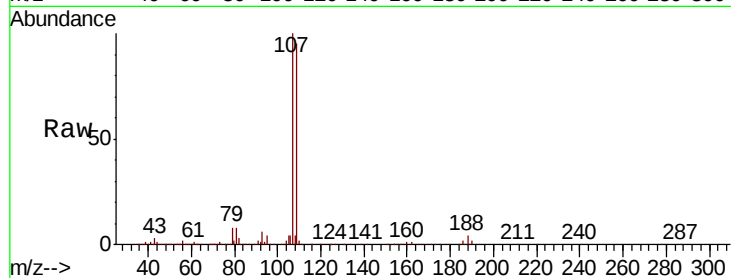
109 94.6 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

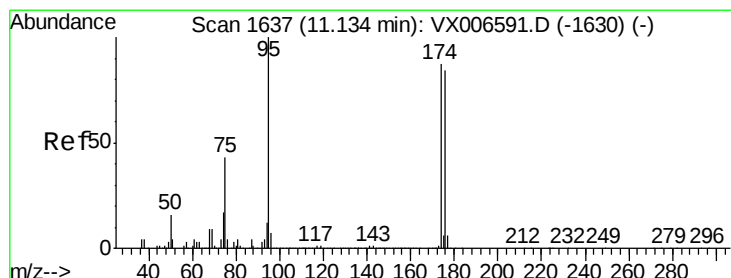
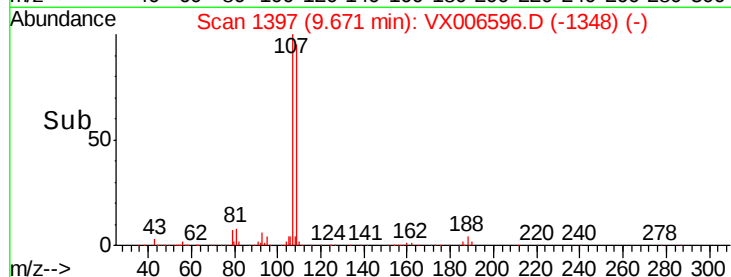
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.157 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

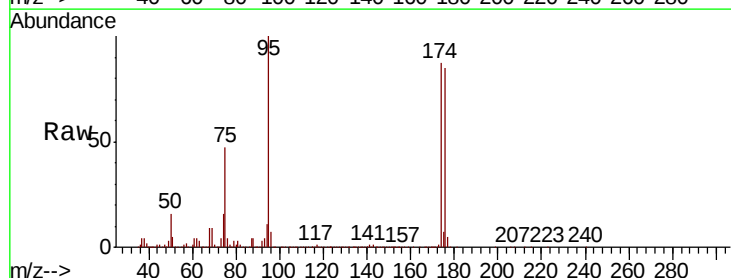
Tgt Ion: 95 Resp: 425518

Ion Ratio Lower Upper

95 100

174 90.9 0.0 187.0

176 88.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

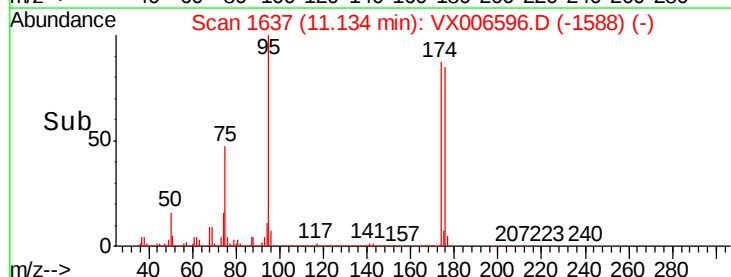
300000

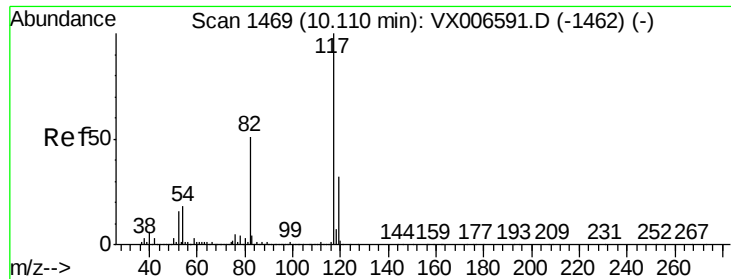
200000

100000

0

Time-->





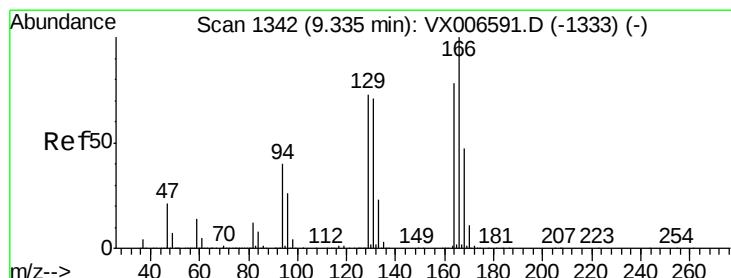
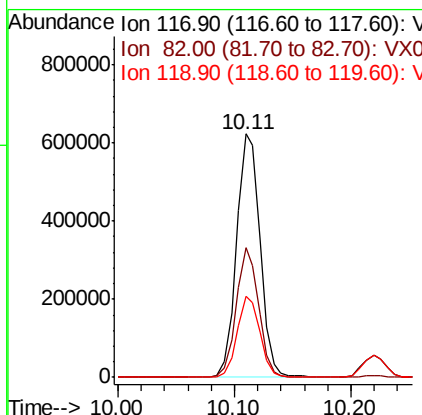
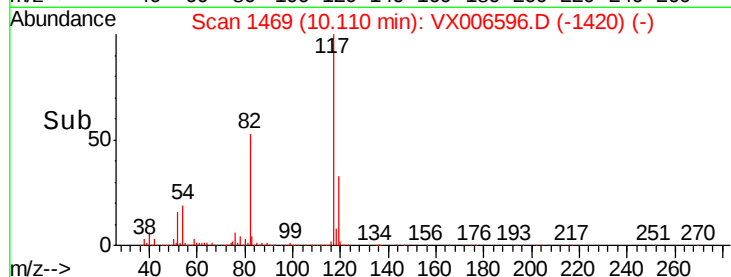
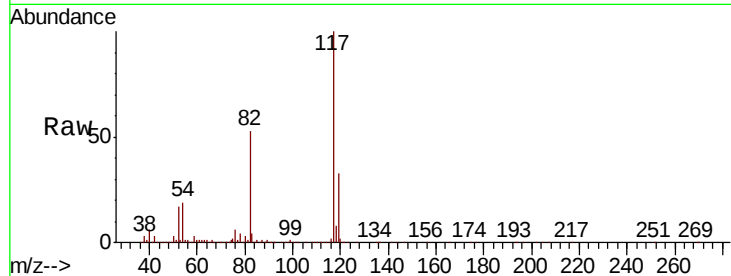
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	876536		
82	53.2		39.6	59.4
119	33.2		26.3	39.5

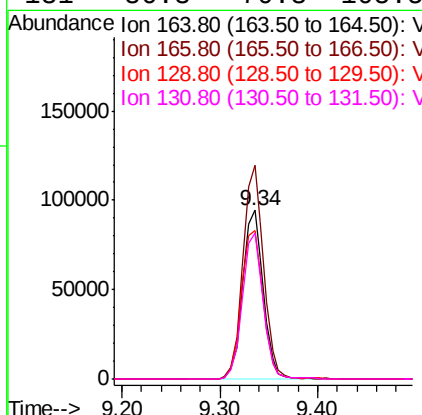
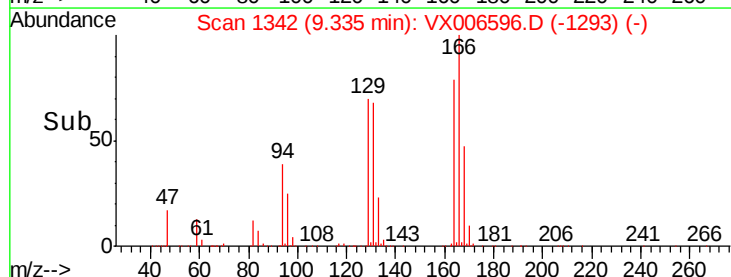
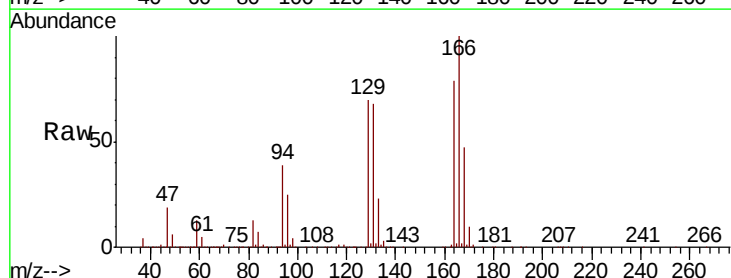
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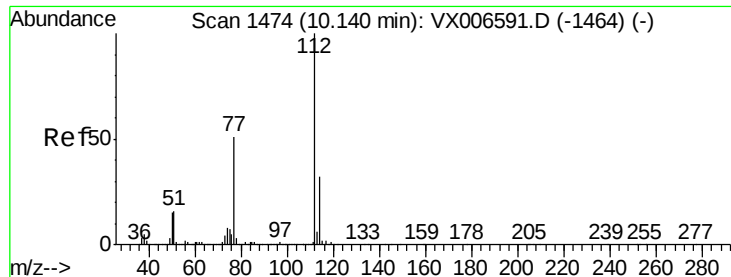
MMDadoda
12/19/2018 11:22:28 AM



#64
Tetrachloroethene
Concen: 19.840 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137706		
166	126.6		104.2	156.2
129	88.3		72.6	108.8
131	86.3		70.3	105.5





#65

Chlorobenzene

Concen: 19.905 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:112 Resp: 369117

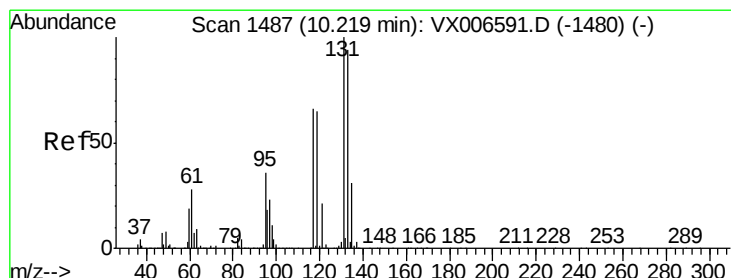
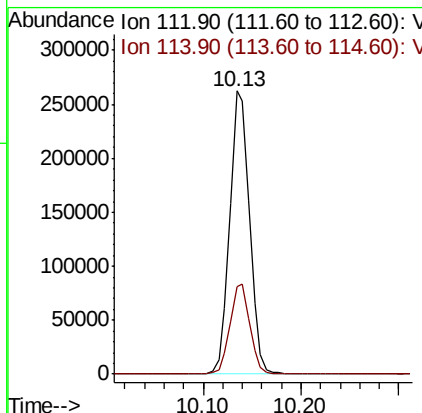
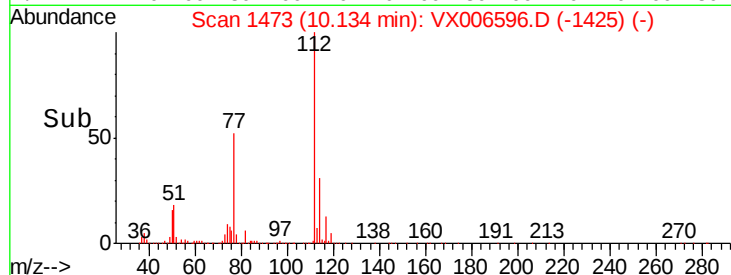
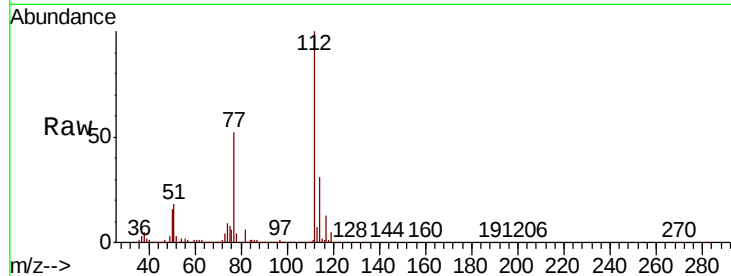
Ion Ratio Lower Upper

112 100

114 30.8 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.050 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

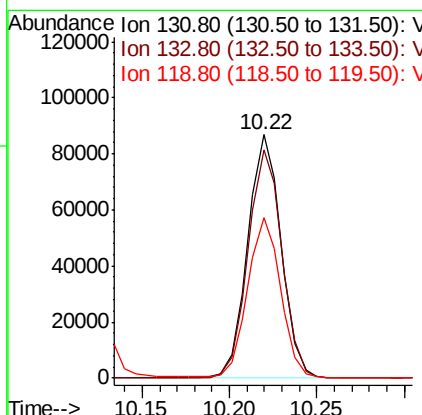
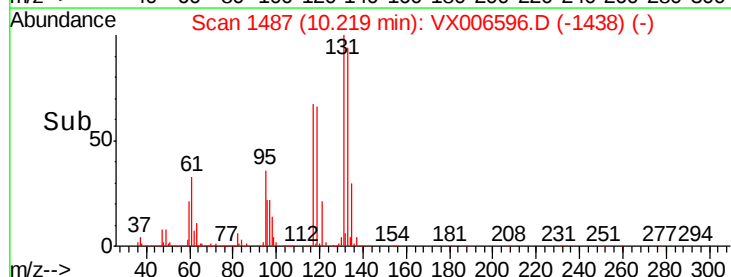
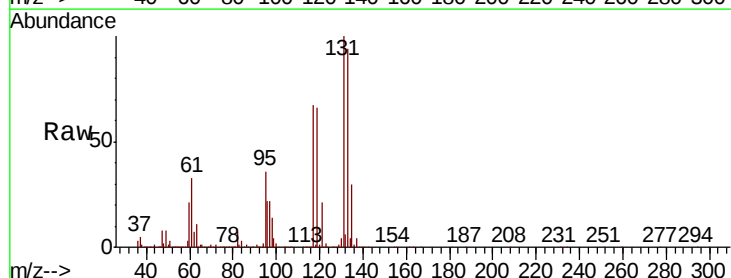
Tgt Ion:131 Resp: 116003

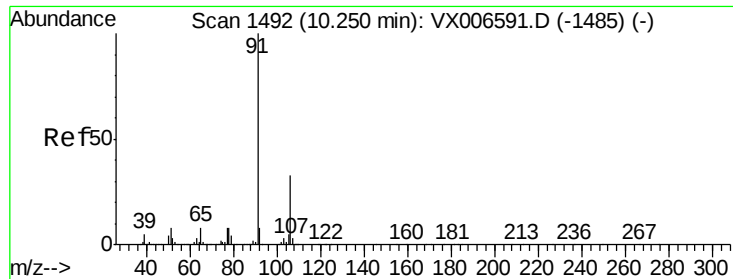
Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

119 65.2 32.1 96.3





#67

Ethyl Benzene

Concen: 19.904 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 91 Resp: 603134

Ion Ratio Lower Upper

91 100

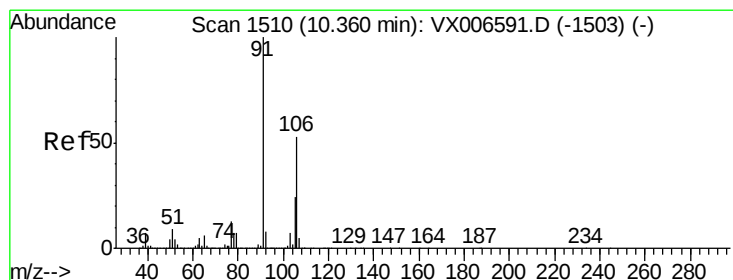
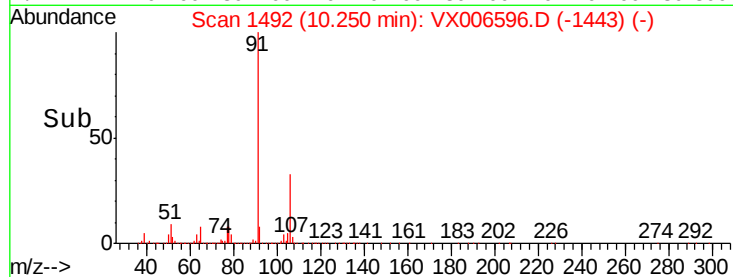
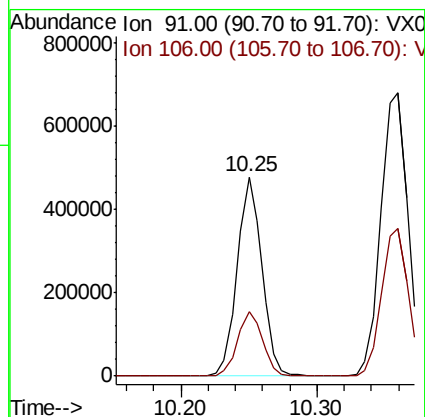
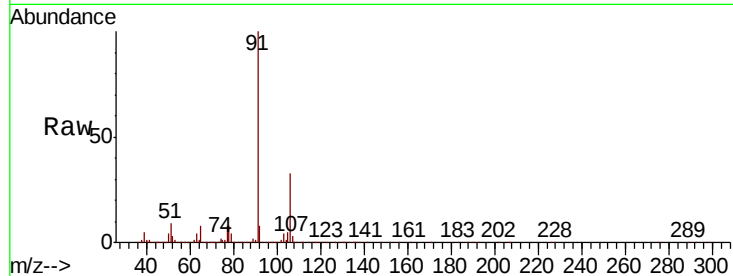
106 32.7 26.5 39.7

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#68

m/p-Xylenes

Concen: 40.386 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006596.D

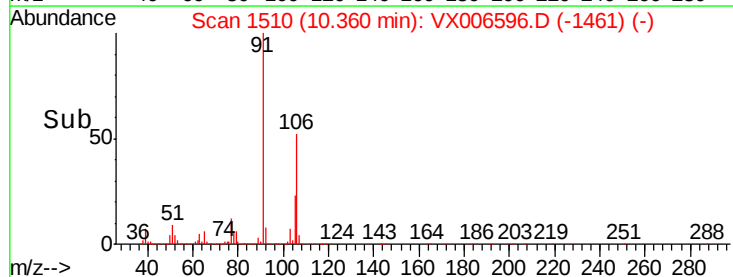
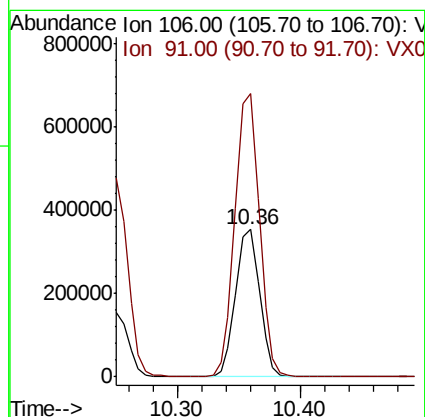
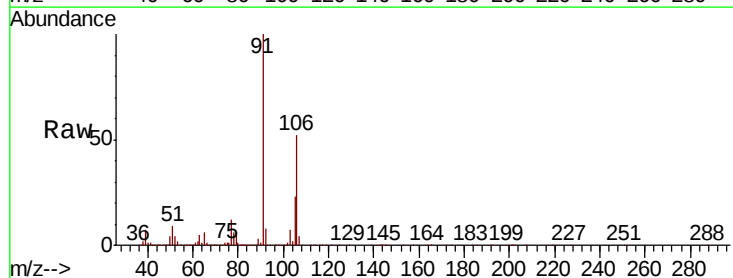
Acq: 18 Dec 2018 14:31

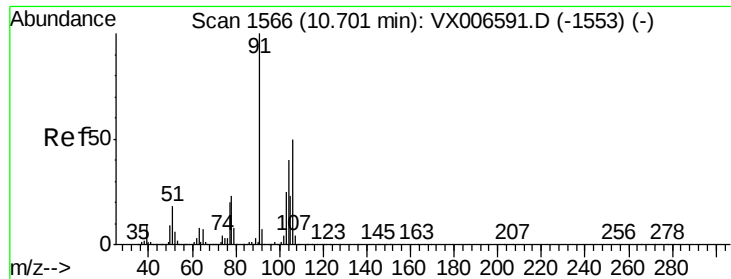
Tgt Ion: 106 Resp: 482901

Ion Ratio Lower Upper

106 100

91 195.2 155.2 232.8





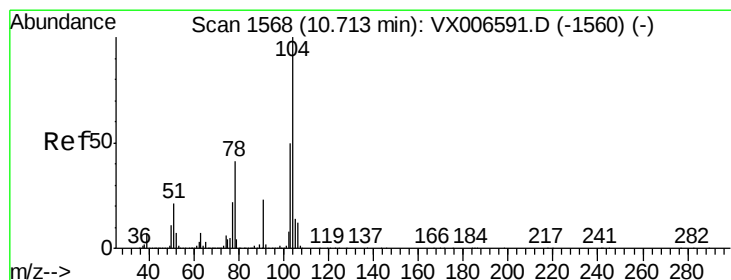
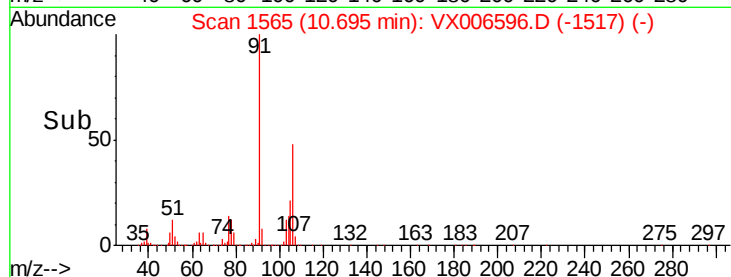
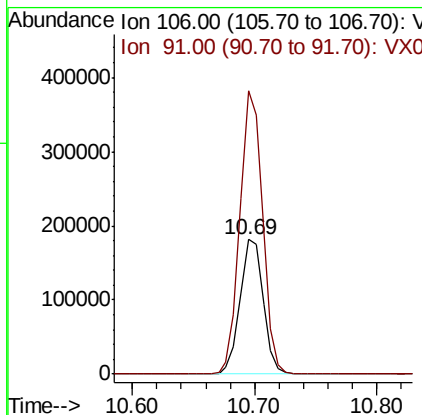
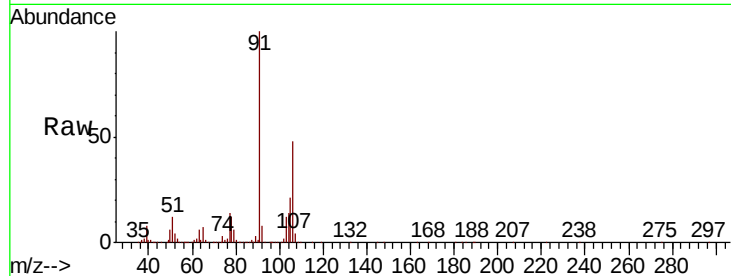
#69
o-Xylene
Concen: 20.205 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.8	101.8	305.6

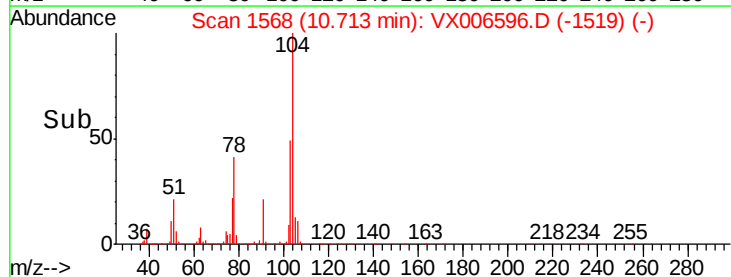
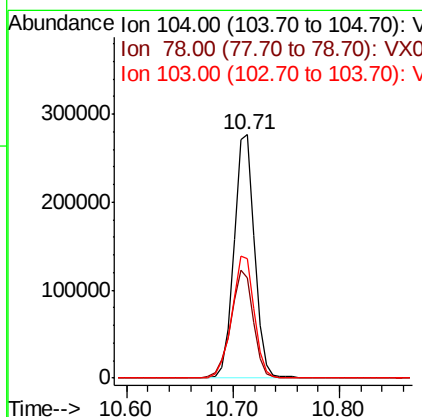
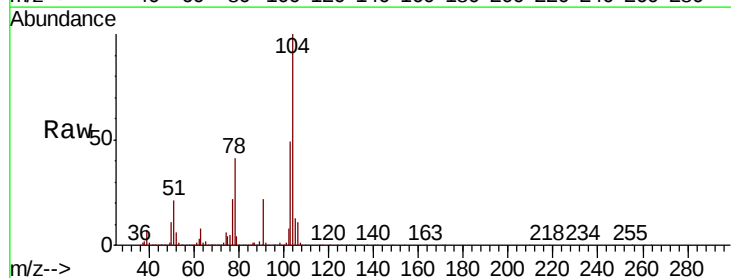
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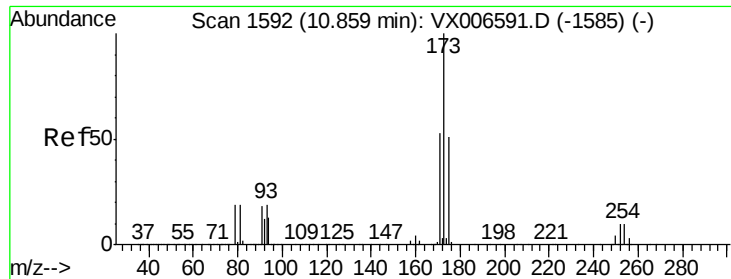
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#70
Styrene
Concen: 20.080 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.2	55.8
103	54.5	43.5	65.3





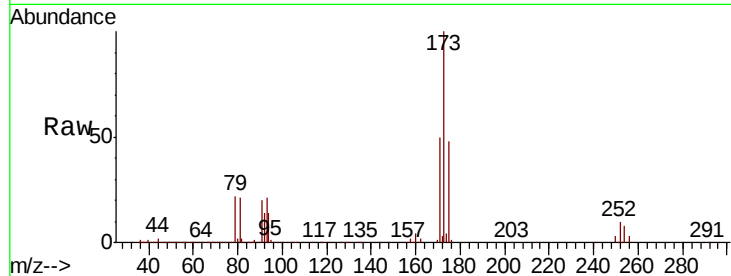
#71
Bromoform
Concen: 18.440 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.8
254	0.0	0.2	0.2#

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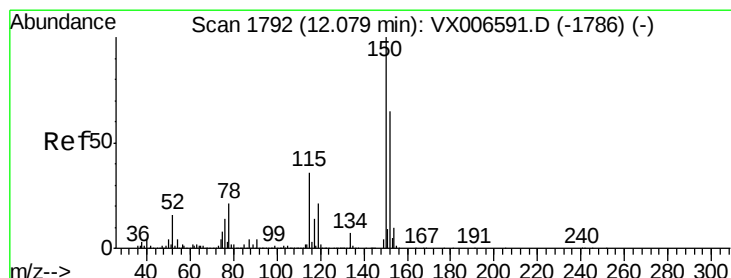
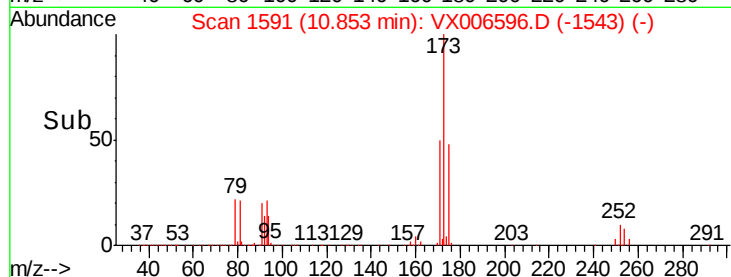
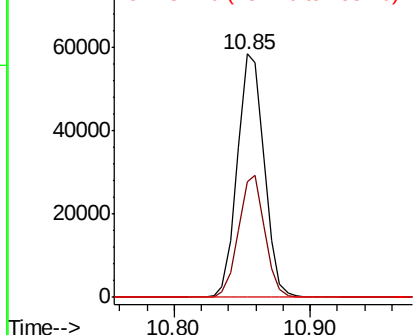


Abundance

Ion 172.70 (172.40 to 173.40): V

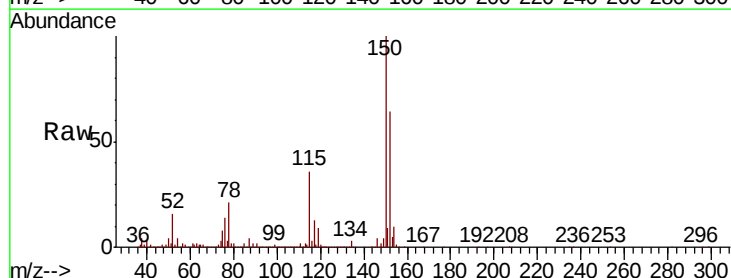
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	39.0	116.9
150	163.9	0.0	345.8

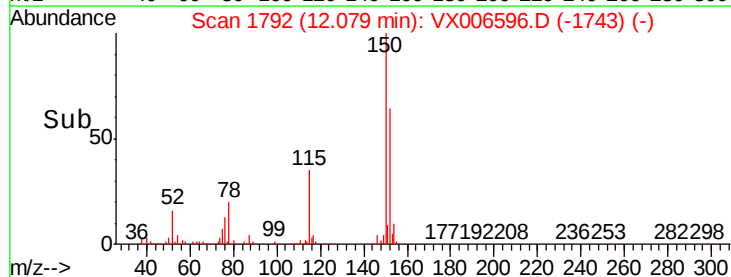
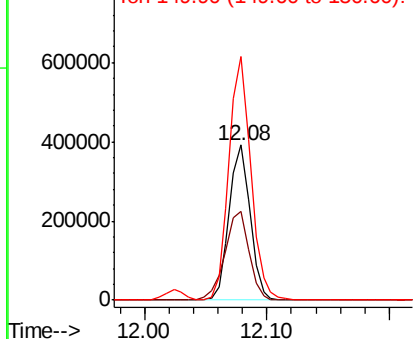


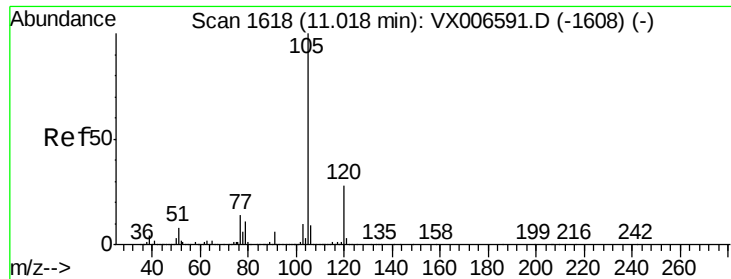
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.821 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 105 Resp: 627514

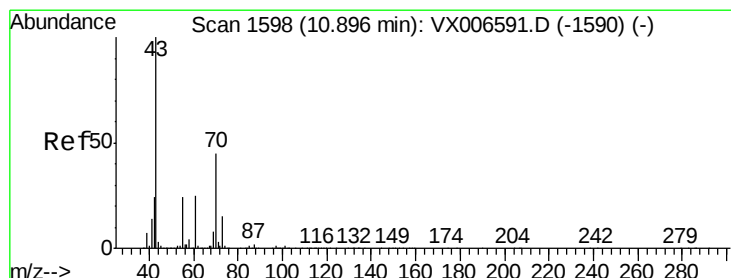
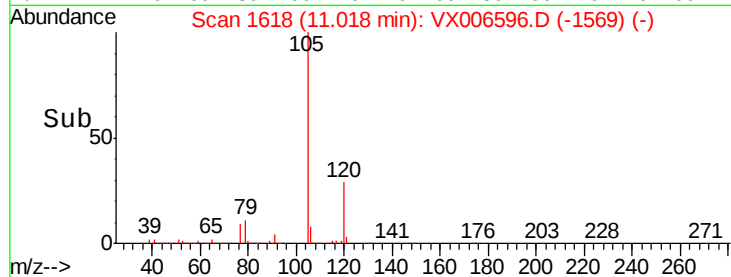
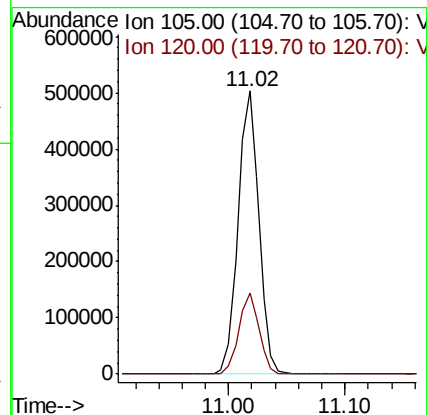
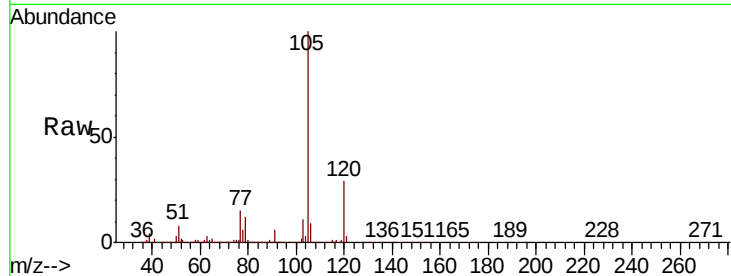
Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3

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#74

N-ethyl acetate

Concen: 19.632 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion: 43 Resp: 222474

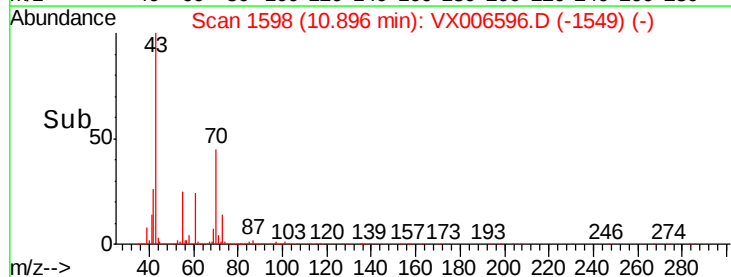
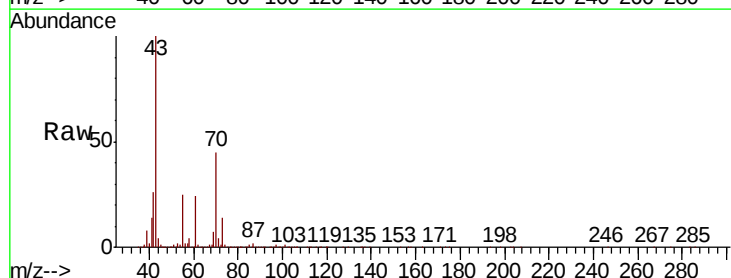
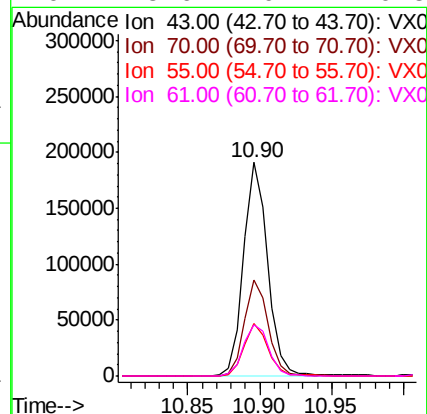
Ion Ratio Lower Upper

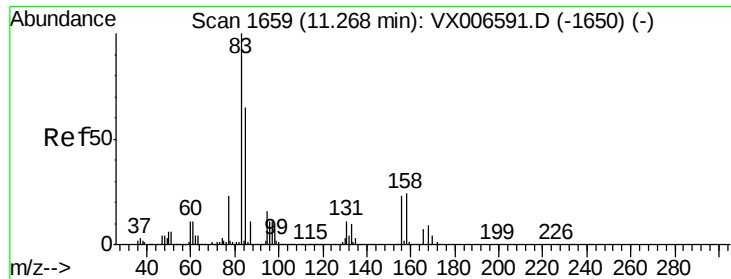
43 100

70 44.9 34.1 51.1

55 24.7 17.8 26.8

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.006 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 83 Resp: 188366

Ion Ratio Lower Upper

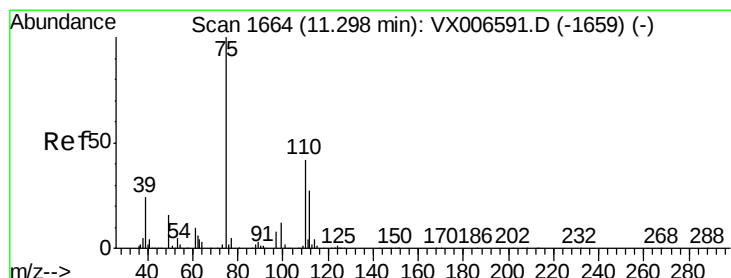
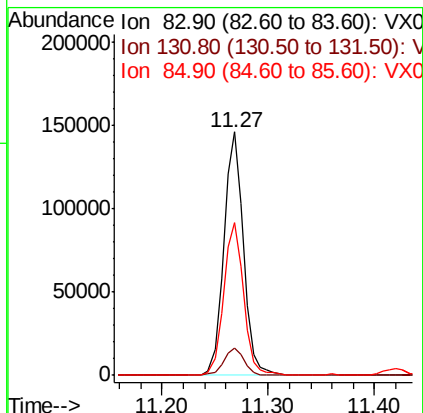
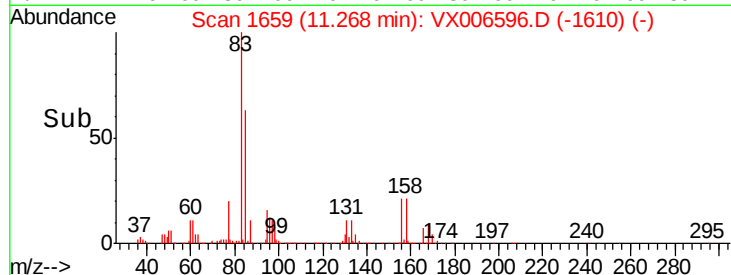
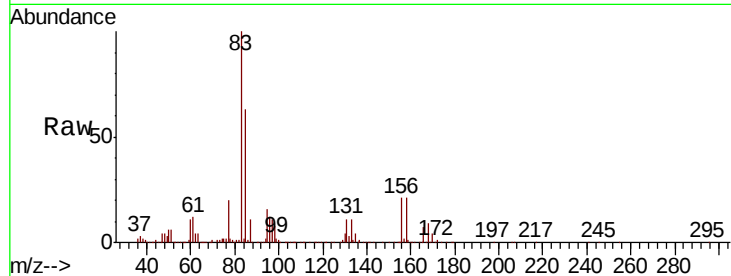
83 100

131 11.5 5.7 17.1

85 63.5 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 21.172 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006596.D

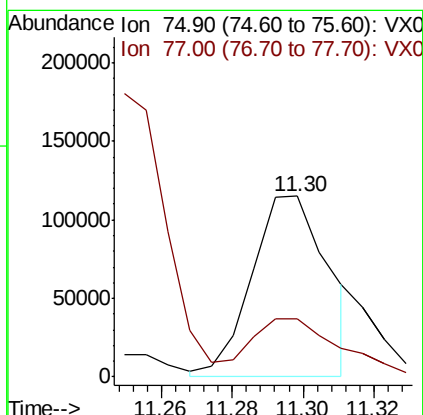
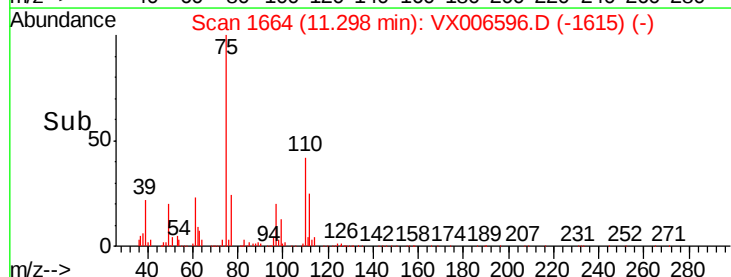
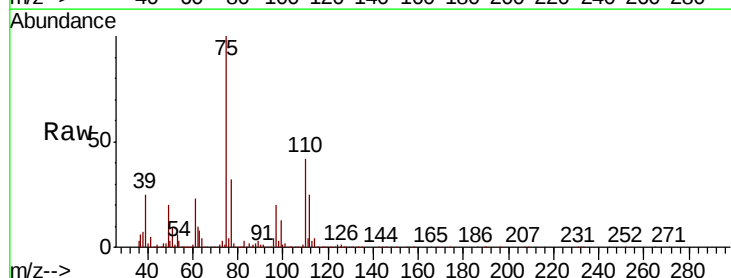
Acq: 18 Dec 2018 14:31

Tgt Ion: 75 Resp: 171726

Ion Ratio Lower Upper

75 100

77 38.5 19.9 59.7





#77

Bromobenzene

Concen: 19.679 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

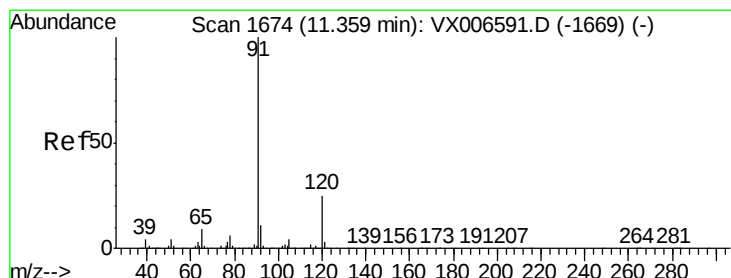
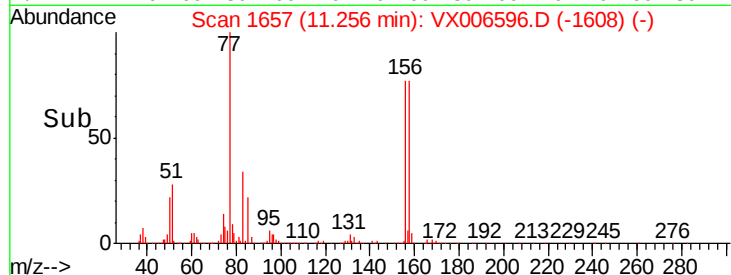
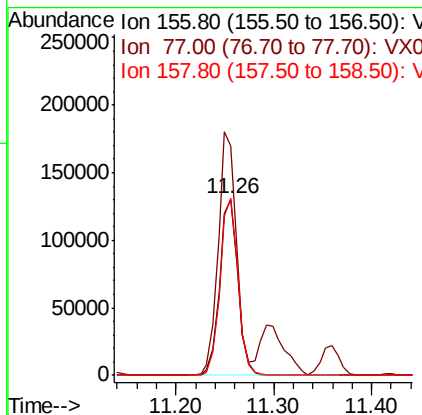
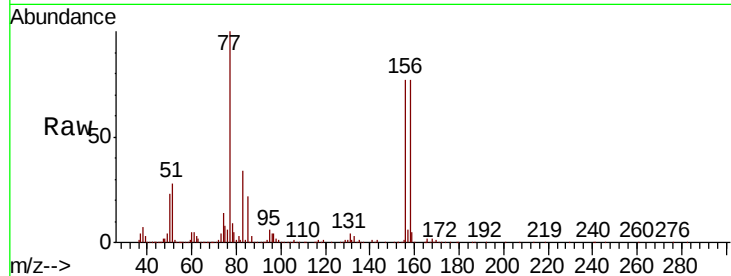
ClientSampleId :

VX1218WBS01

Tot Ion:	156	Resp:	168440
Ion Ratio	Lower	Upper	
156	100		
77	137.1	66.2	198.6
158	98.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.202 ug/l

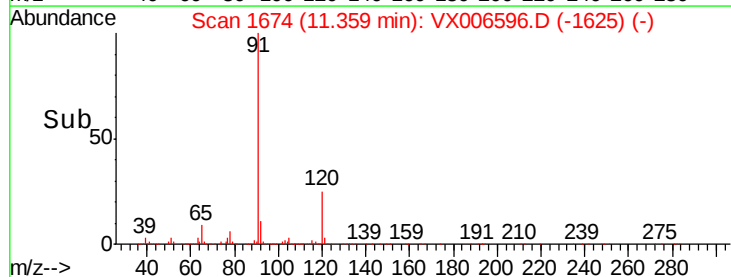
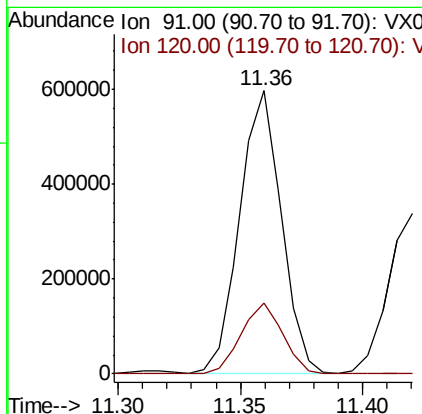
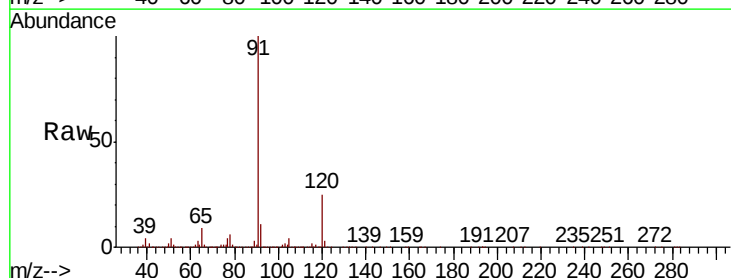
RT: 11.36 min Scan# 1674

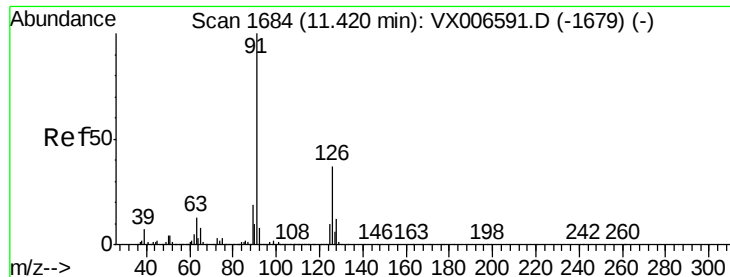
Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	91	Resp:	704308
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.571 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 91 Resp: 413479

Ion Ratio Lower Upper

91 100

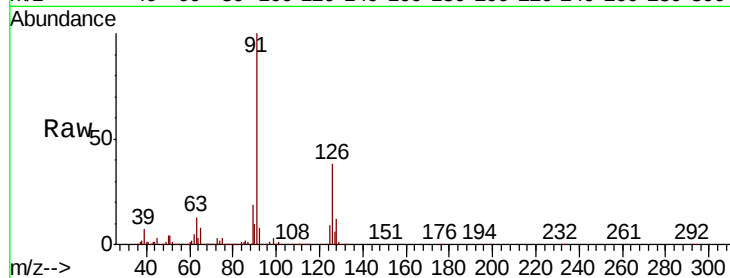
126 38.2 18.6 56.0

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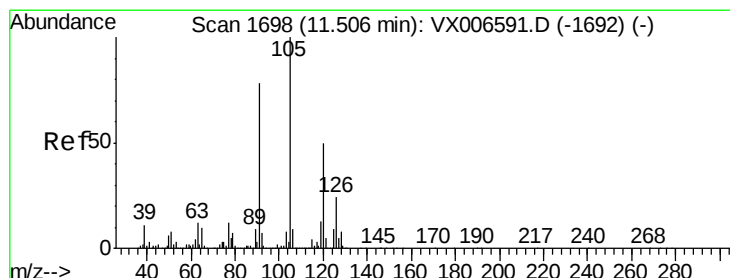
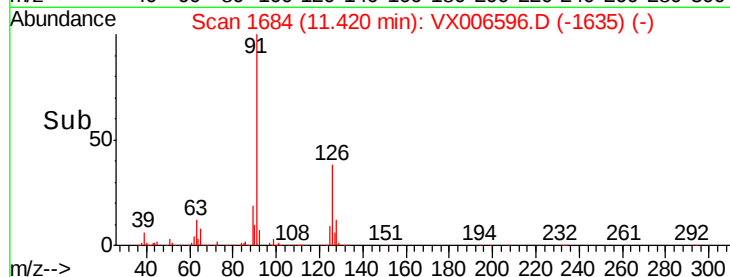
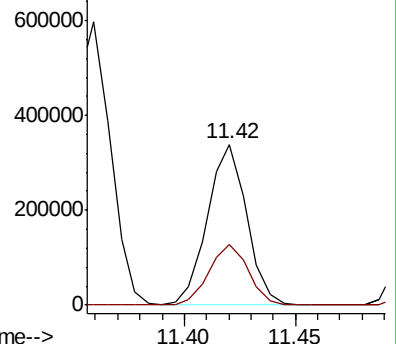
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.023 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006596.D

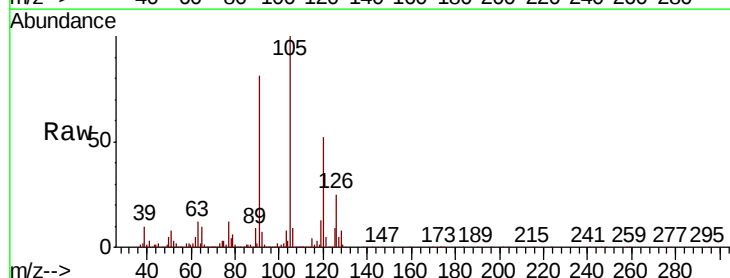
Acq: 18 Dec 2018 14:31

Tgt Ion:105 Resp: 522120

Ion Ratio Lower Upper

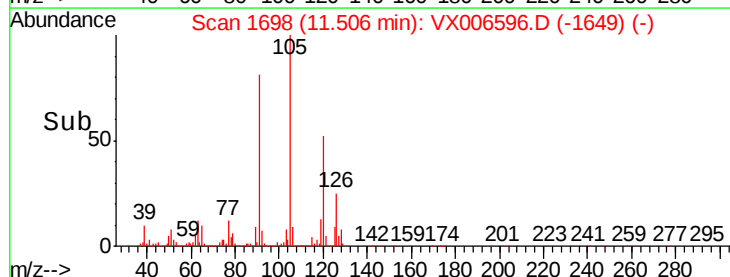
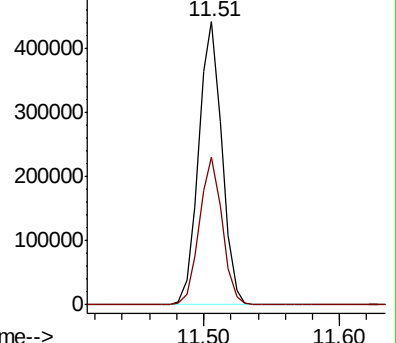
105 100

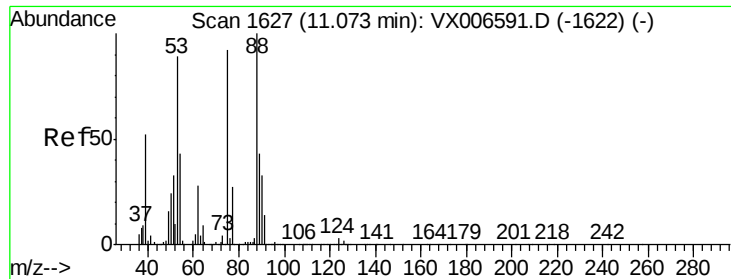
120 51.2 25.4 76.0



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: 17.375 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

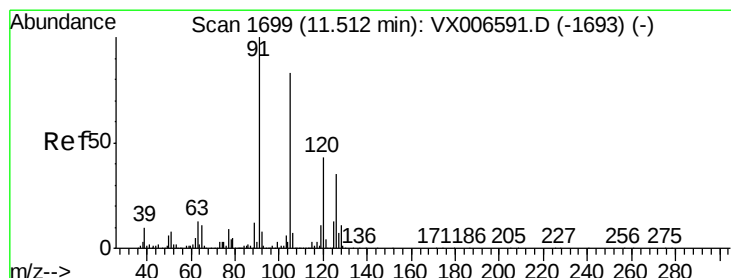
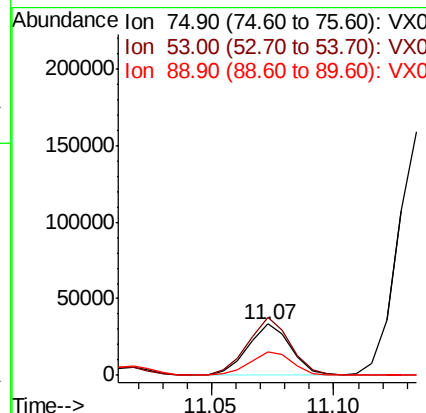
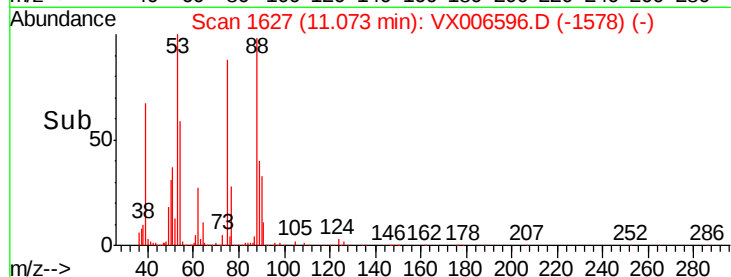
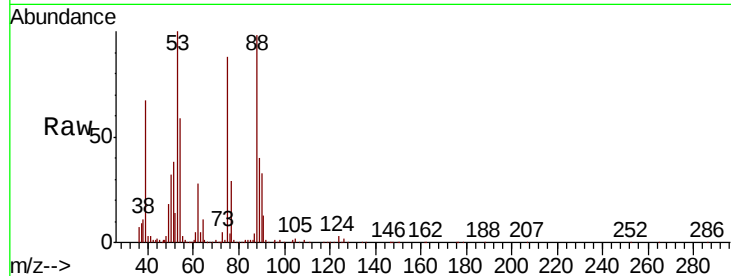
ClientSampleId :

VX1218WBS01

Tot Ion:	75	Resp:	40577
Ion Ratio	Lower	Upper	
75	100		
53	111.7	64.4	96.6#
89	46.9	44.2	66.4

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#82

4-Chlorotoluene

Concen: 20.077 ug/l

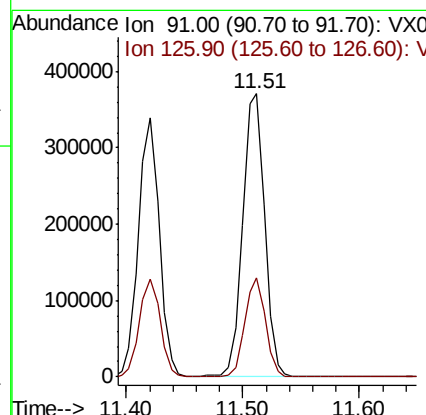
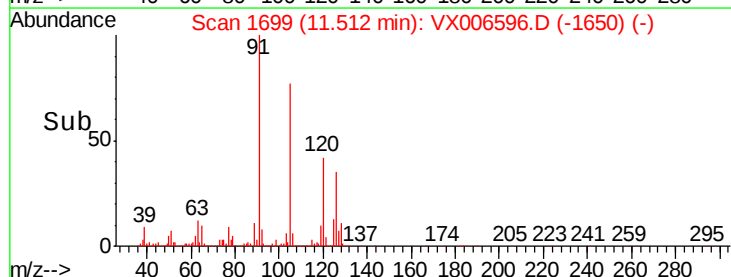
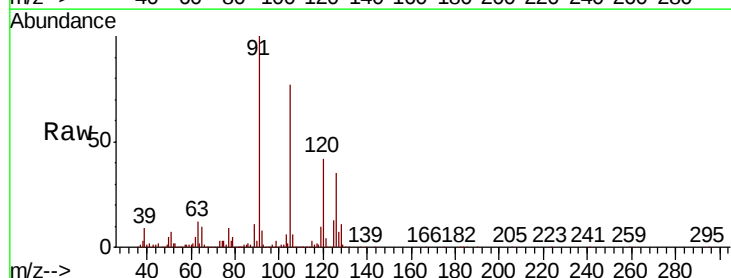
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Tgt Ion:	91	Resp:	486571
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.4	49.4





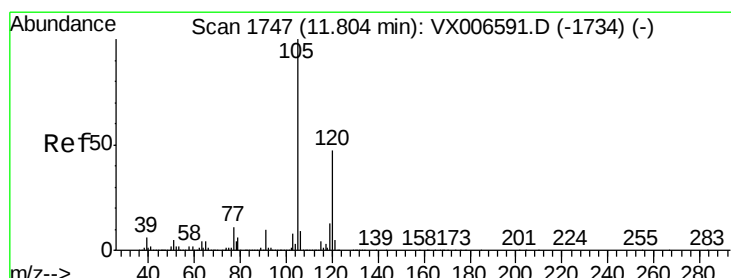
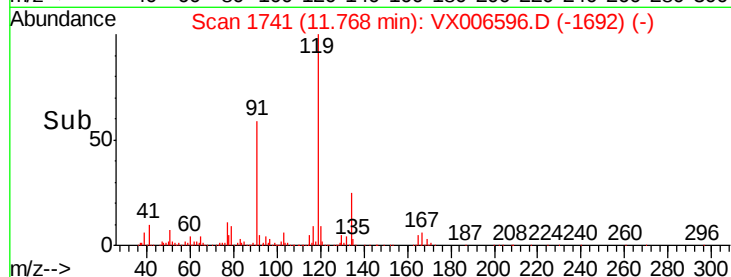
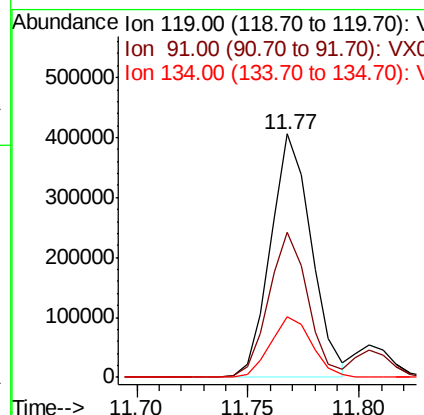
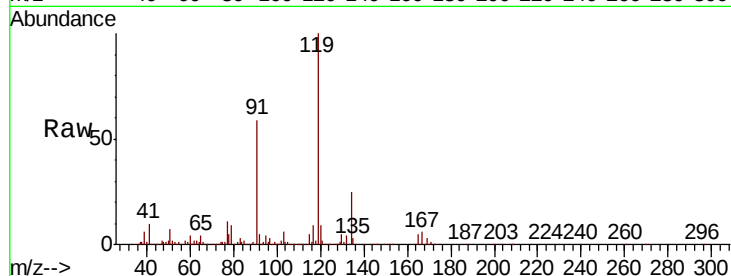
#83
tert-Butylbenzene
Concen: 19.789 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	26.4	79.2
134	25.2	11.6	34.7

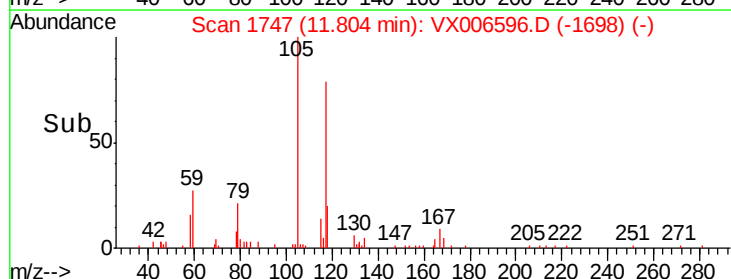
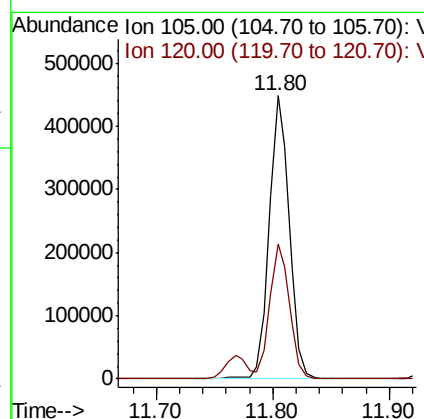
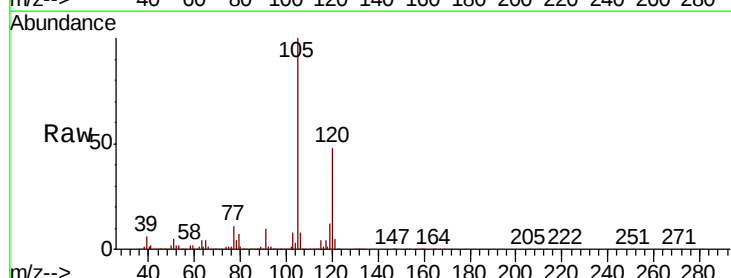
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#84
1,2,4-Trimethylbenzene
Concen: 19.631 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.274 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:105 Resp: 648734

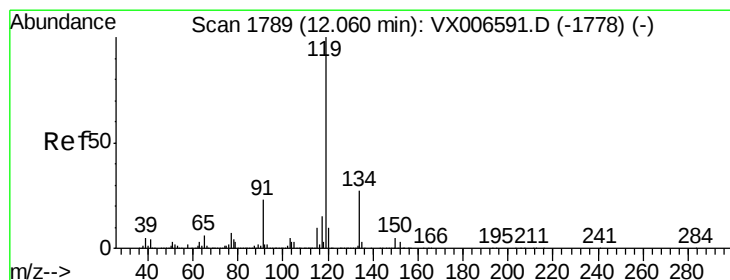
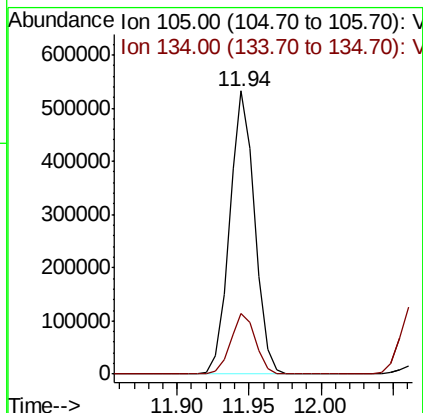
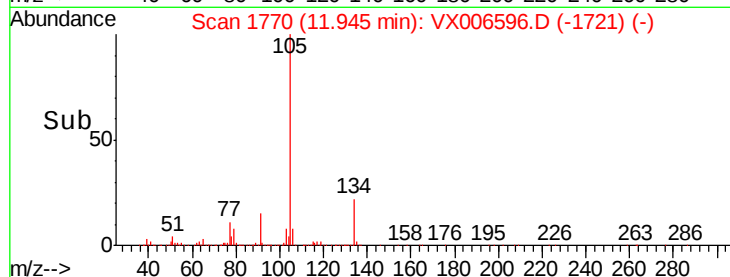
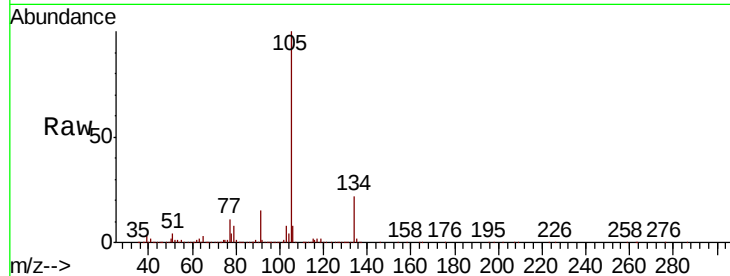
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.286 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006596.D

Acq: 18 Dec 2018 14:31

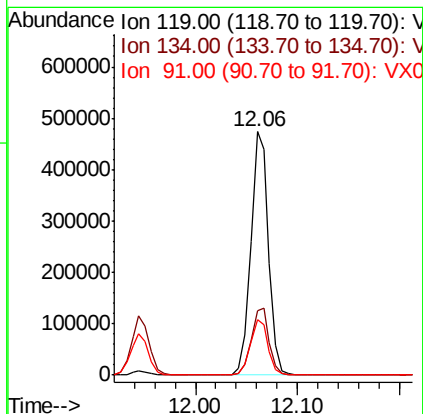
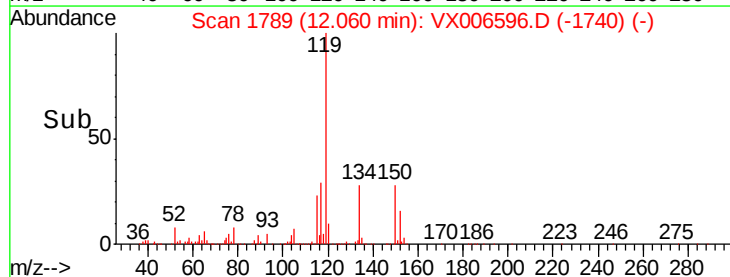
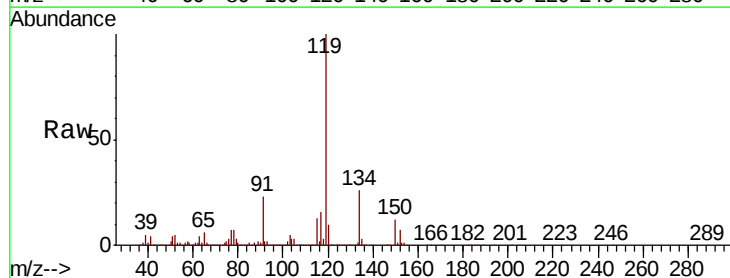
Tgt Ion:119 Resp: 570604

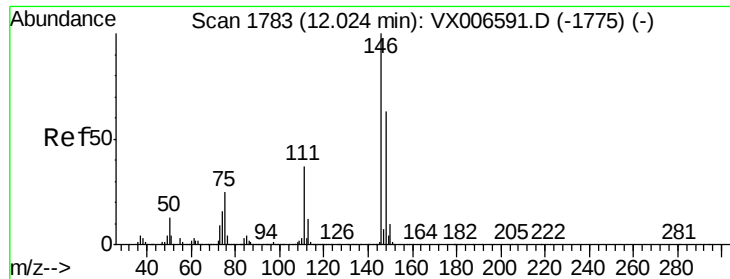
Ion Ratio Lower Upper

119 100

134 27.7 13.9 41.6

91 23.0 11.3 33.8





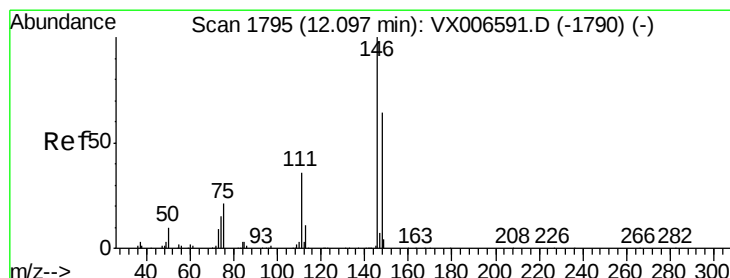
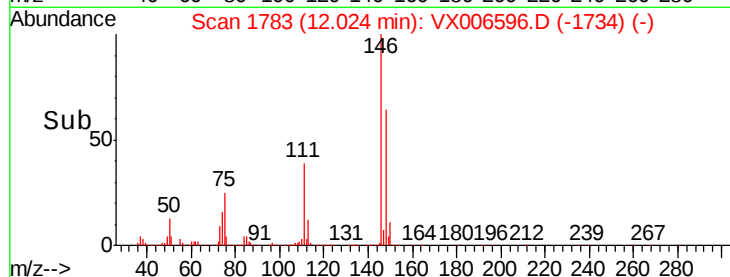
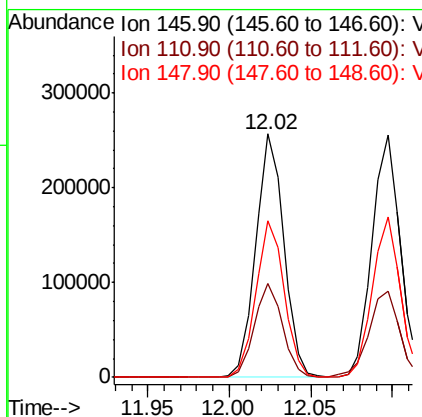
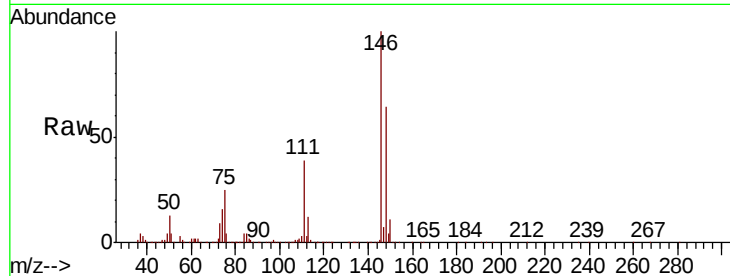
#87
 1,3-Dichlorobenzene
 Concen: 20.069 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.2
148	64.5	32.0	96.0

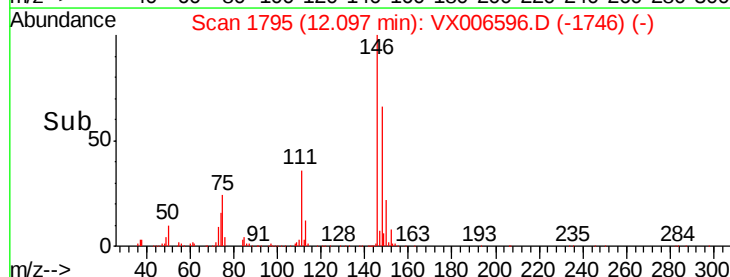
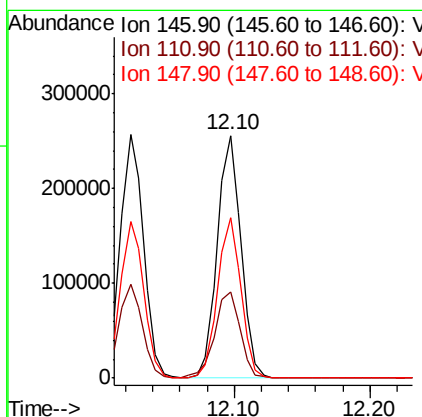
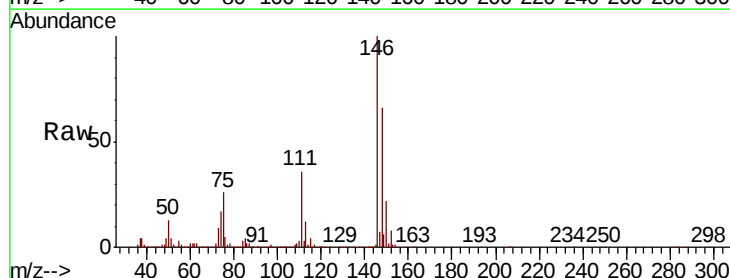
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#88
 1,4-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.3	54.8
148	65.5	31.9	95.9





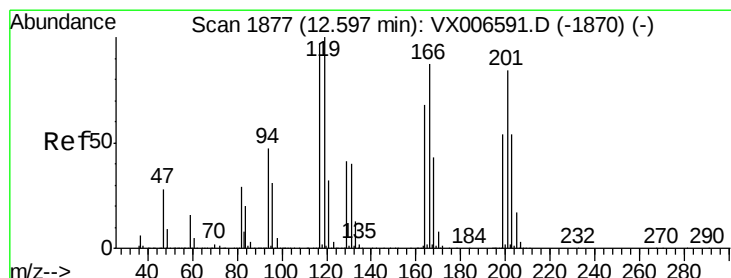
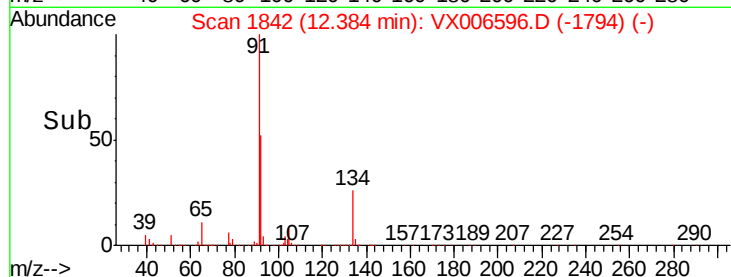
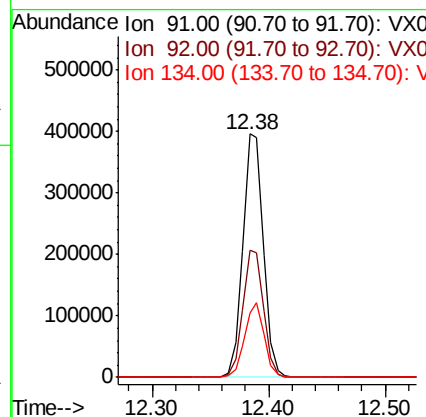
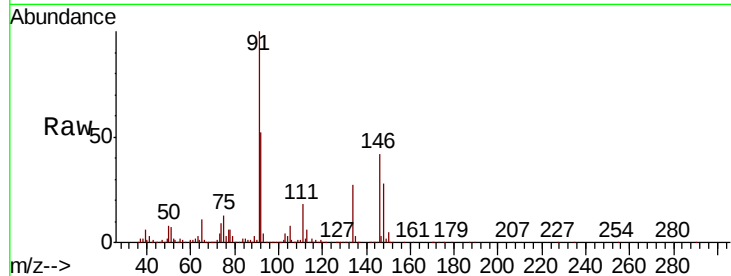
#89
n-Butylbenzene
Concen: 20.326 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	29.2	14.8	44.3

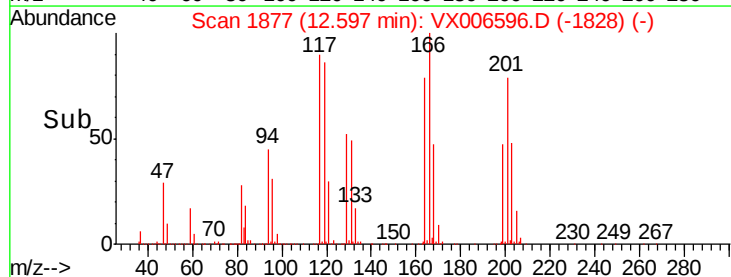
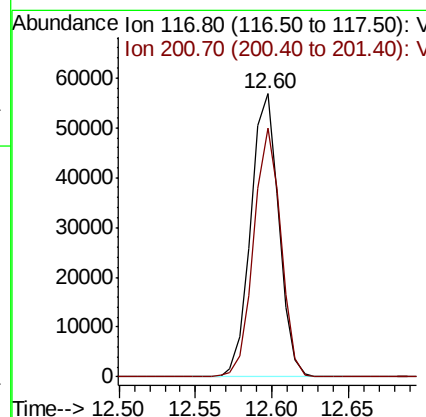
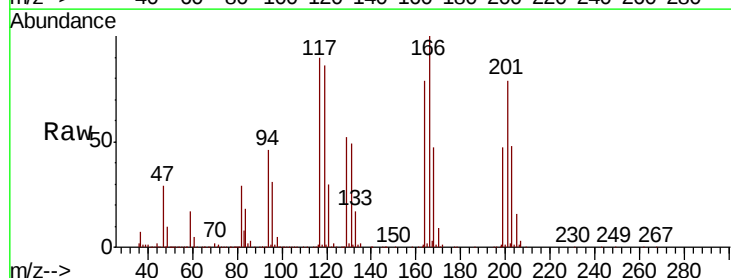
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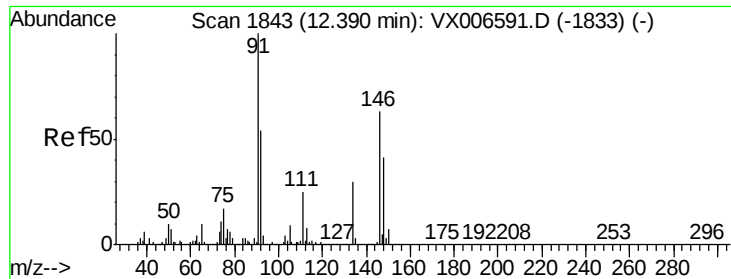
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#90
Hexachloroethane
Concen: 18.686 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	44.7	134.1





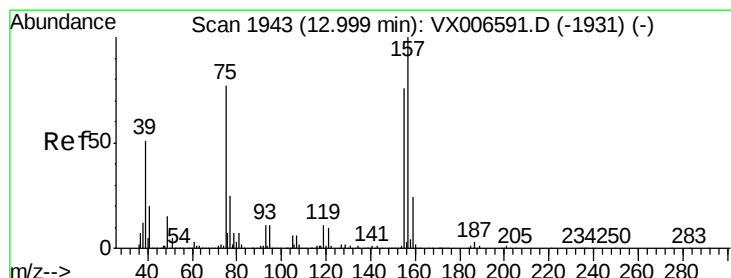
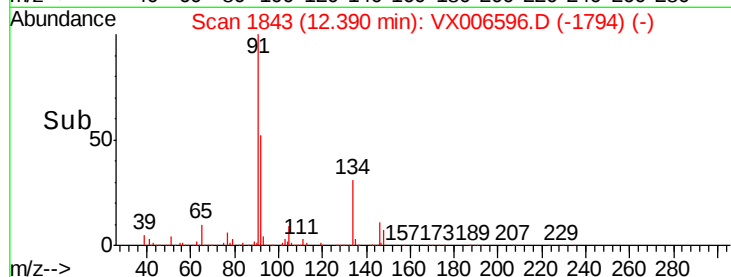
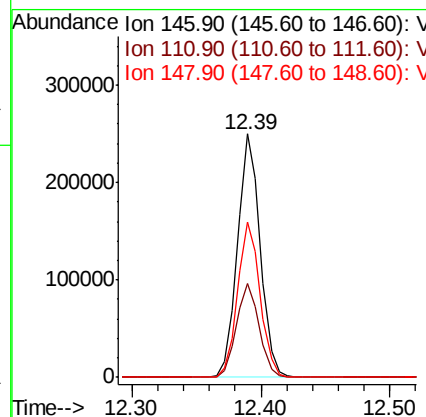
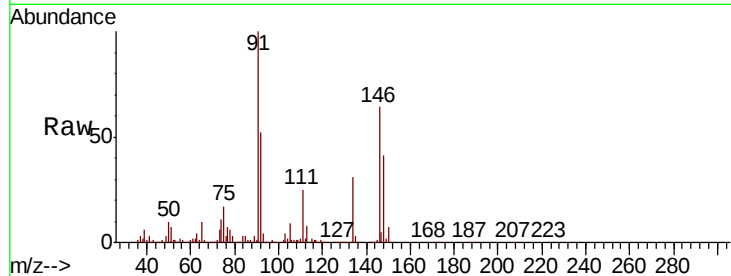
#91
 1,2-Dichlorobenzene
 Concen: 19.901 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	63.7	32.1	96.3

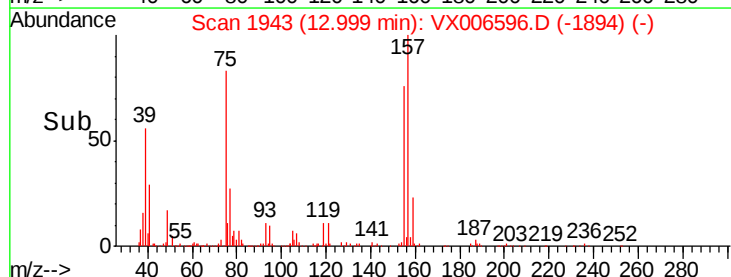
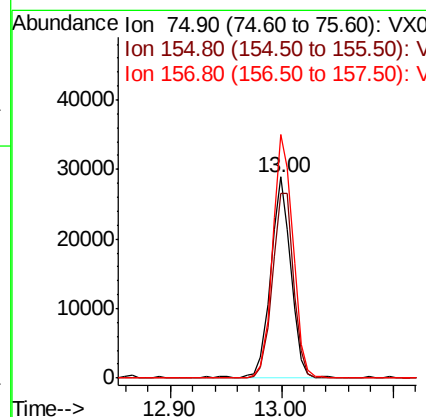
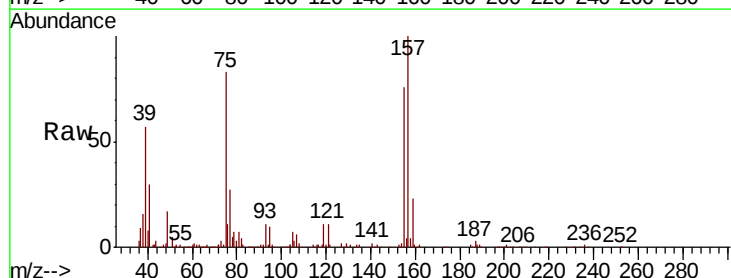
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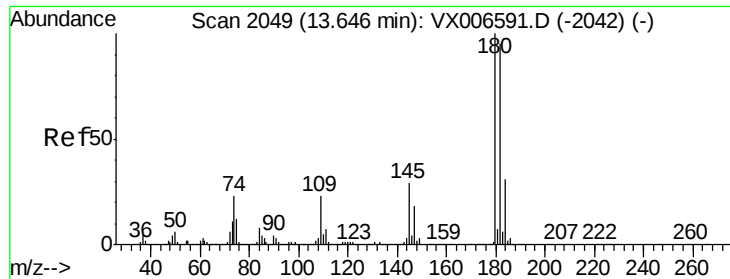
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.601 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	53.4	160.3
157	123.0	68.0	203.8





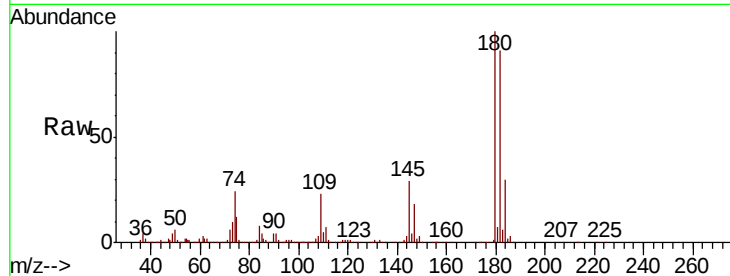
#93
 1,2,4-Trichlorobenzene
 Concen: 20.063 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213553		
182	94.2	47.3	141.9	
145	30.0	14.6	43.8	

Manual Integrations
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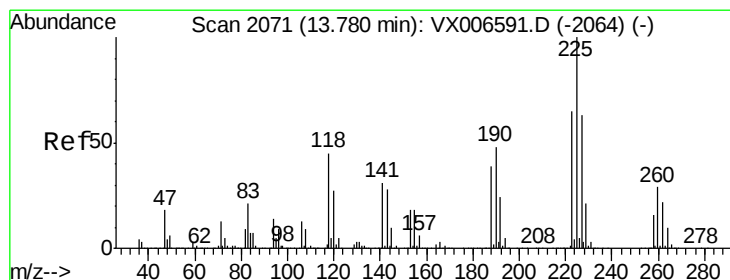
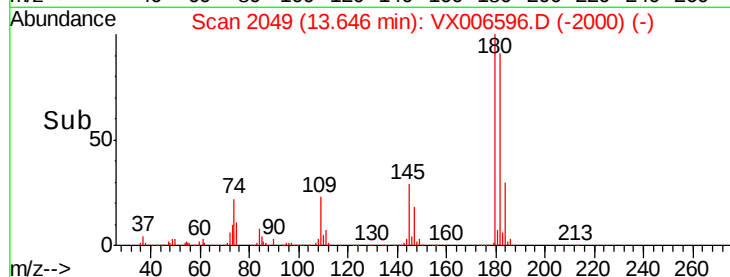
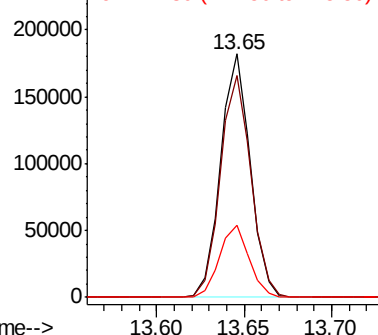


Abundance

Ion 179.80 (179.50 to 180.50): V

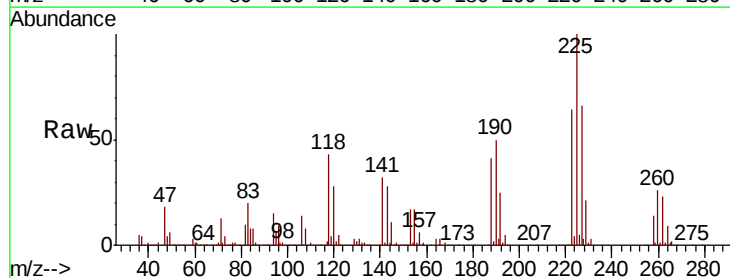
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.744 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006596.D
 Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99060		
223	62.8	31.2	93.6	
227	63.2	31.9	95.5	

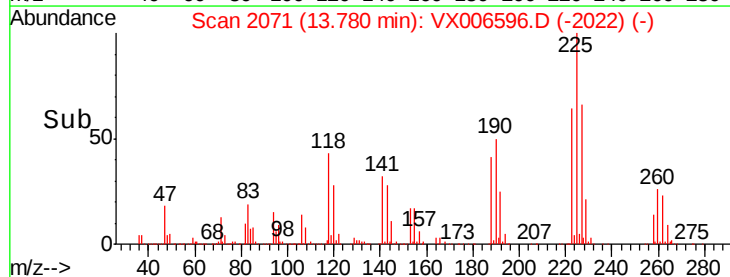
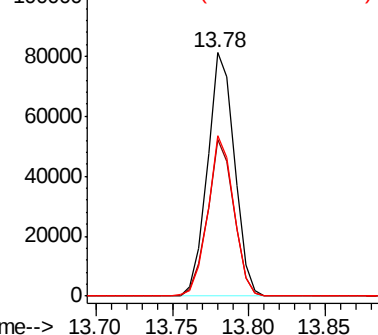


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





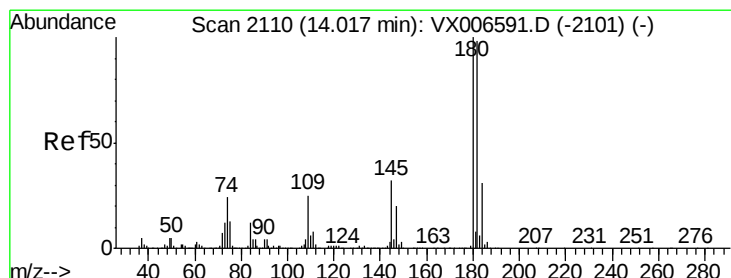
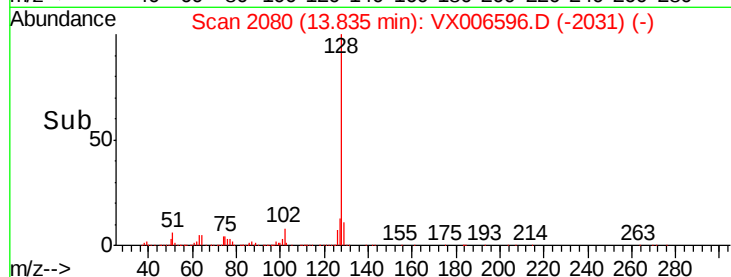
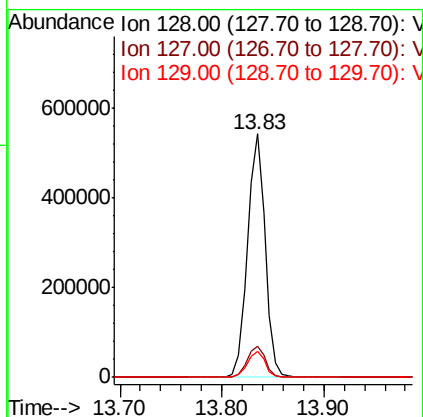
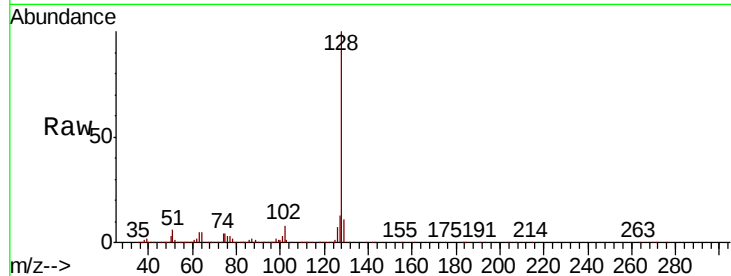
#95
Naphthalene
Concen: 19.163 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.438 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006596.D
Acq: 18 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.2
145	32.0	15.6	46.8

