

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006612.D
 Acq On : 18 Dec 2018 22:31
 Operator : JC/MD
 Sample : VX1218WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:49 AM

Quant Time: Dec 19 07:10:28 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	5.67	168	590177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	435258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	331985	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	5.50	113	295430	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1104697	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	407054	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102647	19.012	ug/l	98
3) Chloromethane	1.33	50	119350	20.518	ug/l	99
4) Vinyl Chloride	1.41	62	126814	20.875	ug/l	98
5) Bromomethane	1.64	94	126179	21.151	ug/l	98
6) Chloroethane	1.73	64	83635	19.883	ug/l	98
7) Trichlorofluoromethane	1.93	101	193481	20.428	ug/l	96
8) Diethyl Ether	2.19	74	75781	20.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111898	20.121	ug/l	98
10) Methyl Iodide	2.51	142	170065	21.363	ug/l	99
11) Tert butyl alcohol	3.07	59	166848	117.538	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106231	20.146	ug/l	93
13) Acrolein	2.30	56	93757	97.906	ug/l	97
14) Allyl chloride	2.73	41	177734	20.025	ug/l	96
15) Acrylonitrile	3.15	53	348340	110.521	ug/l	100
16) Acetone	2.45	43	287947	98.535	ug/l	98
17) Carbon Disulfide	2.57	76	253981	18.201	ug/l	100
18) Methyl Acetate	2.78	43	191604	22.298	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	378977	21.654	ug/l	98
20) Methylene Chloride	2.86	84	126302	20.901	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114764	19.643	ug/l	92
22) Diisopropyl ether	3.87	45	345973	21.307	ug/l	99
23) Vinyl Acetate	3.82	43	1365417	102.802	ug/l	100
24) 1,1-Dichloroethane	3.70	63	198329	20.461	ug/l	99
25) 2-Butanone	4.70	43	430379	104.701	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120475	16.090	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	132983	20.630	ug/l	96
28) Bromochloromethane	5.01	49	82463	19.033	ug/l	97
29) Tetrahydrofuran	5.15	42	291972	107.844	ug/l	98
30) Chloroform	5.21	83	206786	20.601	ug/l	99
31) Cyclohexane	5.58	56	172757	19.618	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	171446	20.228	ug/l	99
36) 1,1-Dichloropropene	5.79	75	150401	19.334	ug/l	99
37) Ethyl Acetate	4.85	43	165662	20.461	ug/l	98
38) Carbon Tetrachloride	5.79	117	139707	18.480	ug/l	98

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Quant Time: Dec 19 07:10:28 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191843	18.732	ug/l	98
40) Benzene	6.14	78	472760	19.994	ug/l	97
41) Methacrylonitrile	5.06	41	91179	20.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	159300	19.771	ug/l	99
43) Isopropyl Acetate	6.46	43	253973	20.616	ug/l	100
44) Trichloroethene	7.21	130	135533	18.938	ug/l	97
45) 1,2-Dichloropropane	7.52	63	114837	19.957	ug/l	97
46) Dibromomethane	7.66	93	82916	19.591	ug/l	95
47) Bromodichloromethane	7.90	83	133183	18.954	ug/l	100
48) Methyl methacrylate	7.77	41	133384	21.292	ug/l	99
49) 1,4-Dioxane	7.75	88	69850	414.507	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	834431	106.456	ug/l	98
52) Toluene	8.79	92	307029	20.099	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137209	18.207	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	157083	18.996	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126502	20.232	ug/l	98
56) Ethyl methacrylate	9.18	69	184687	20.898	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203485	20.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	485416	103.331	ug/l	100
59) 2-Hexanone	9.49	43	645940	107.706	ug/l	100
60) Dibromochloromethane	9.59	129	111469	18.577	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134128	20.179	ug/l	99
64) Tetrachloroethene	9.34	164	138489	20.366	ug/l	98
65) Chlorobenzene	10.14	112	359078	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113207	19.972	ug/l	99
67) Ethyl Benzene	10.25	91	584679	19.694	ug/l	99
68) m/p-Xylenes	10.36	106	460766	39.333	ug/l	97
69) o-Xylene	10.69	106	229631	19.851	ug/l	98
70) Styrene	10.71	104	364515	19.918	ug/l	98
71) Bromoform	10.85	173	76570	18.100	ug/l #	99
73) Isopropylbenzene	11.02	105	607291	20.395	ug/l	99
74) N-amyl acetate	10.90	43	223225	20.944	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192801	21.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174169m	22.831	ug/l	
77) Bromobenzene	11.26	156	162622	20.201	ug/l	96
78) n-propylbenzene	11.36	91	658818	20.092	ug/l	99
79) 2-Chlorotoluene	11.42	91	398866	20.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	504020	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37364	17.100	ug/l #	72
82) 4-Chlorotoluene	11.51	91	459479	20.158	ug/l	100
83) tert-Butylbenzene	11.77	119	496988	20.247	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	513653	19.911	ug/l	100
85) sec-Butylbenzene	11.94	105	608367	20.214	ug/l	99
86) p-Isopropyltoluene	12.06	119	535602	20.245	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	291239	20.073	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289508	19.442	ug/l	97
89) n-Butylbenzene	12.38	91	436808	19.401	ug/l	99
90) Hexachloroethane	12.60	117	67152	18.444	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	295748	20.377	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36697	20.027	ug/l	89

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ClientSampleId :
VX1218WBS02

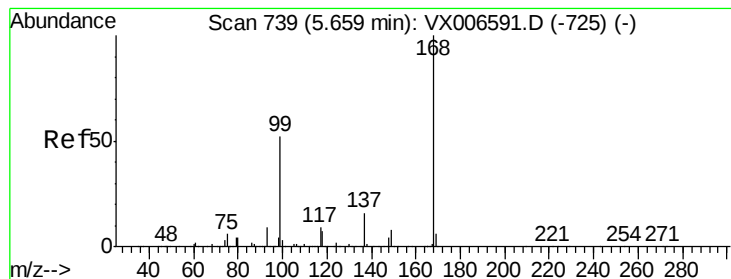
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	197739	19.751	ug/l	99
94) Hexachlorobutadiene	13.78	225	86797	18.394	ug/l	99
95) Naphthalene	13.83	128	648045	20.281	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	200099	19.358	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion:168 Resp: 590177

Ion Ratio Lower Upper

168 100

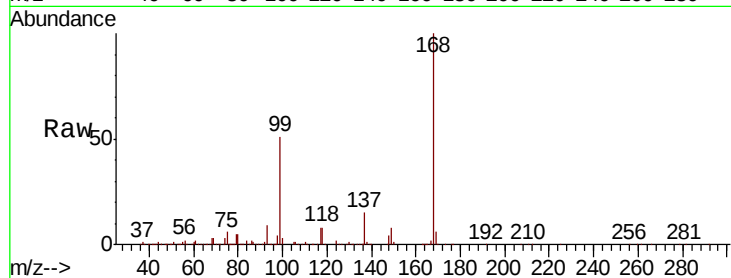
99 50.7 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

100000

50000

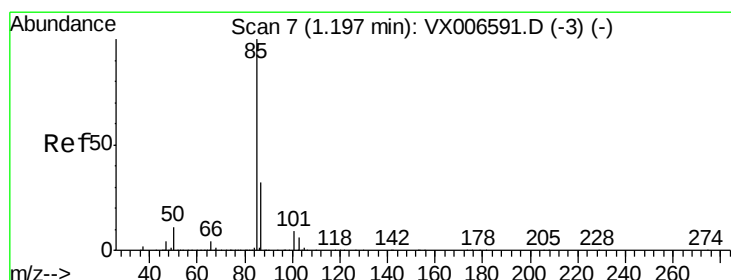
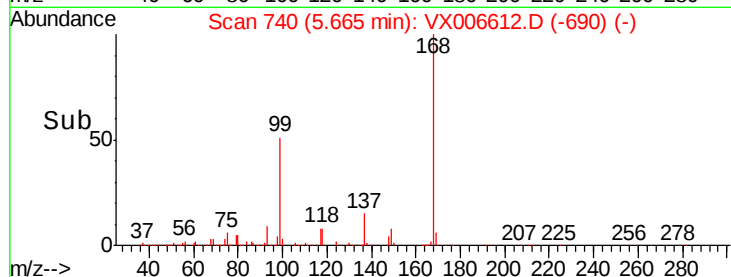
0

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.012 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006612.D

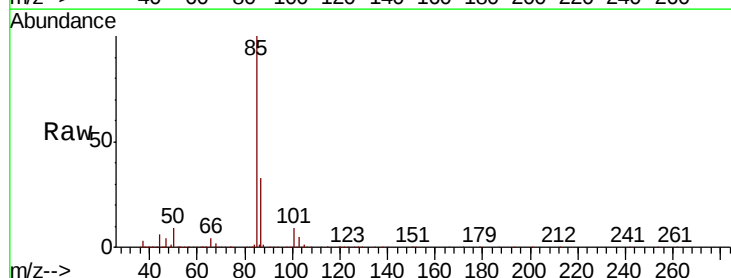
Acq: 18 Dec 2018 22:31

Tgt Ion: 85 Resp: 102647

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

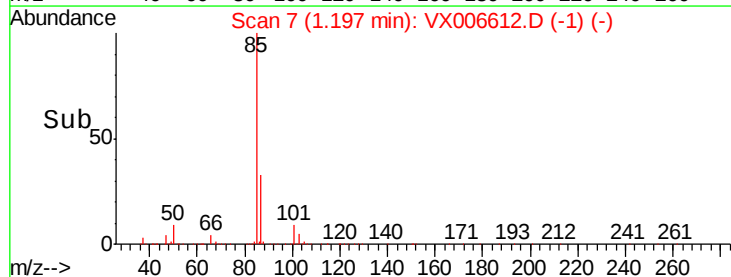
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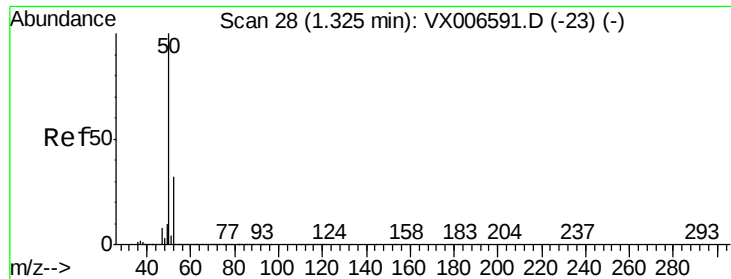
1.20

1.25

1.30

Time-->





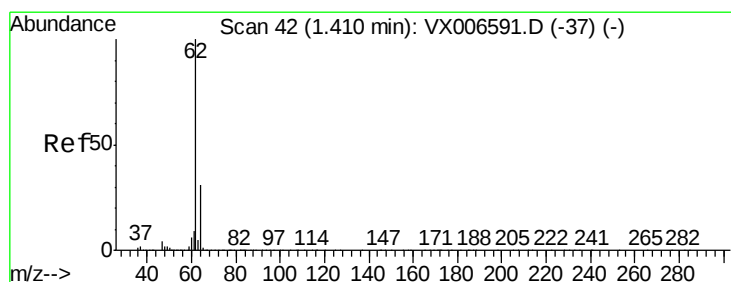
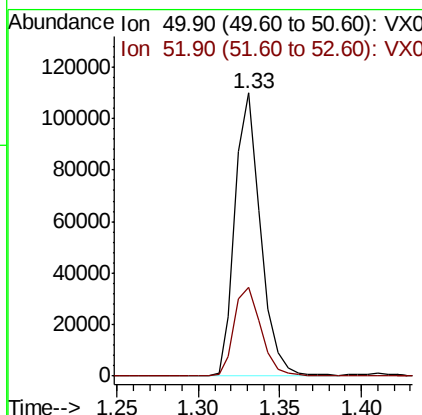
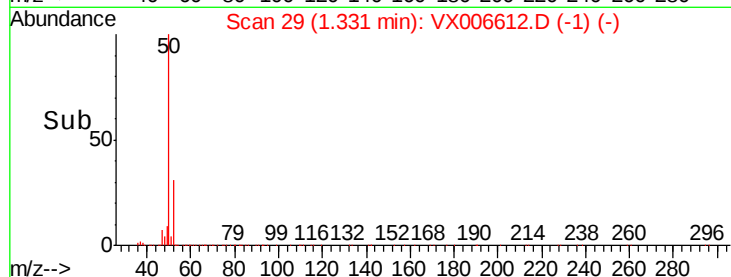
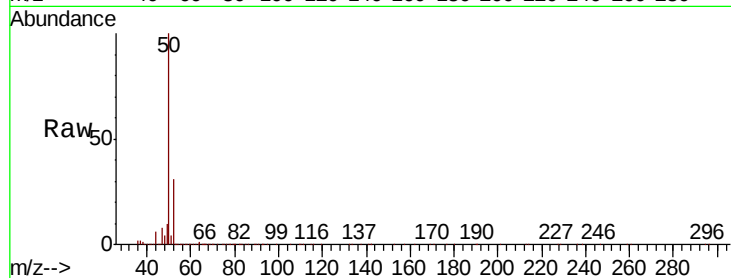
#3
Chloromethane
Concen: 20.518 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.2	37.8

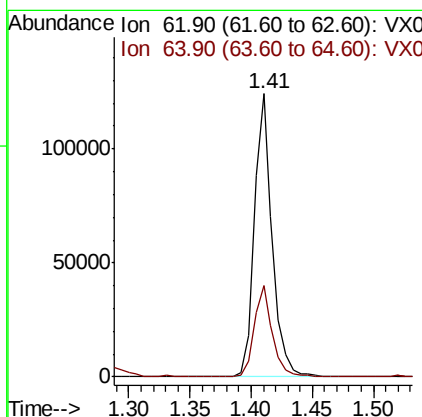
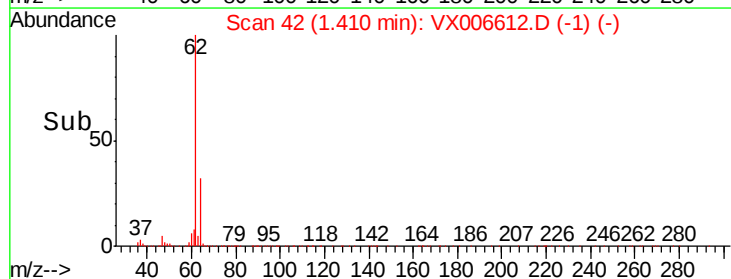
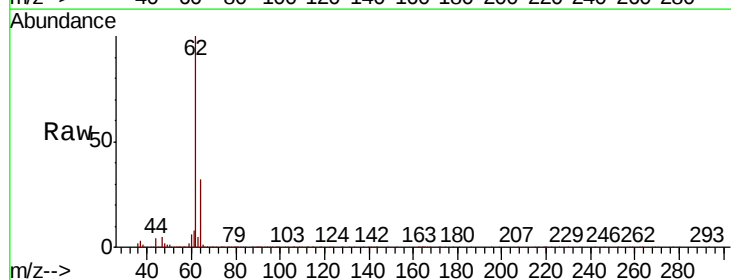
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#4
Vinyl Chloride
Concen: 20.875 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3





#5

Bromomethane

Concen: 21.151 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 94 Resp: 126179

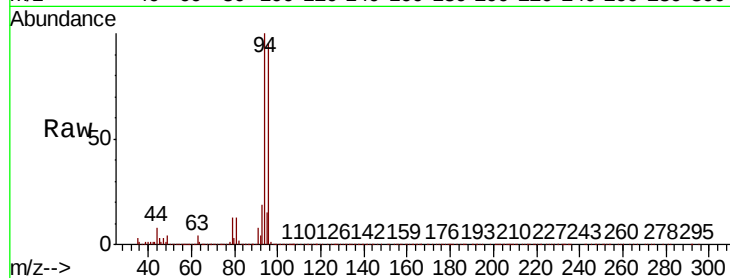
Ion Ratio Lower Upper

94 100

96 94.6 74.5 111.7

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

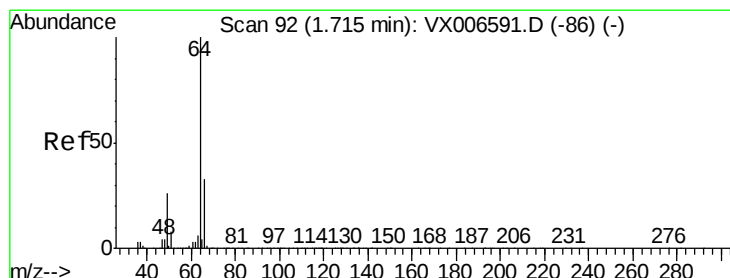
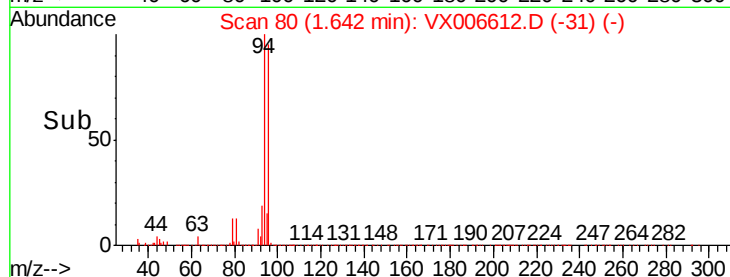
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 19.883 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006612.D

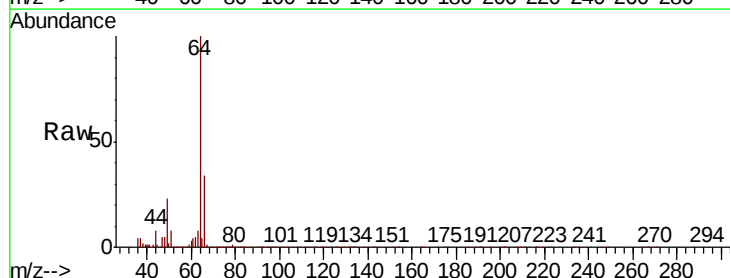
Acq: 18 Dec 2018 22:31

Tgt Ion: 64 Resp: 83635

Ion Ratio Lower Upper

64 100

66 33.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

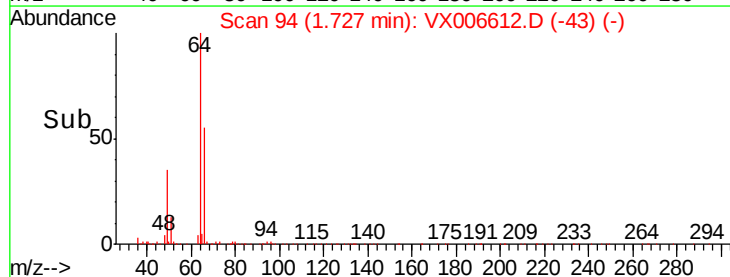
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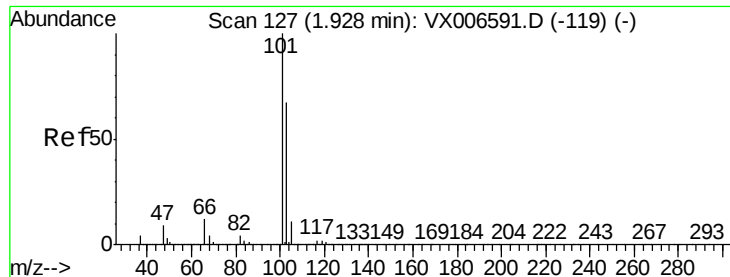
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Time-->





#7

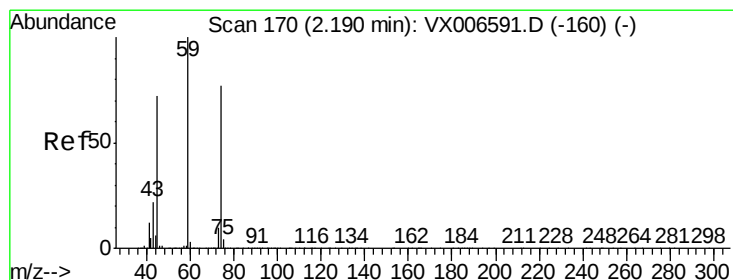
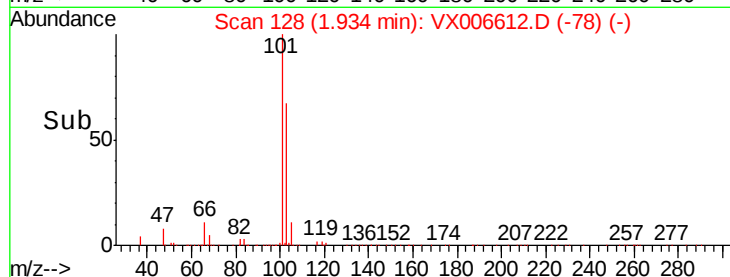
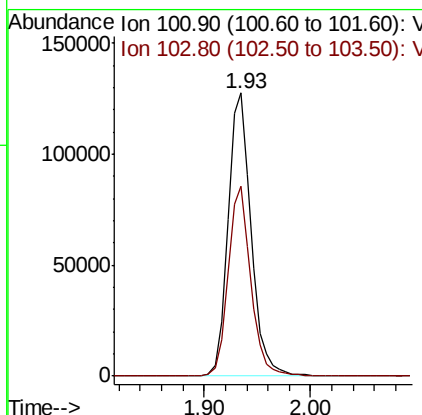
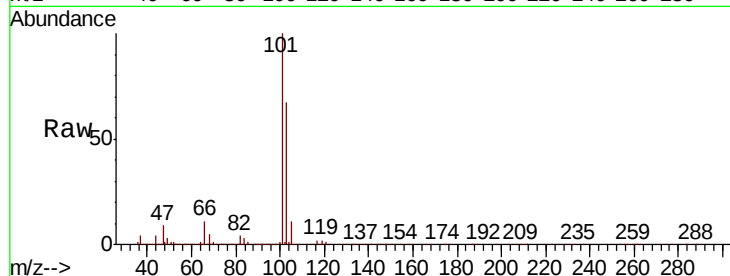
Trichlorofluoromethane
Concen: 20.428 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

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MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.0	76.4

Manual Integrations
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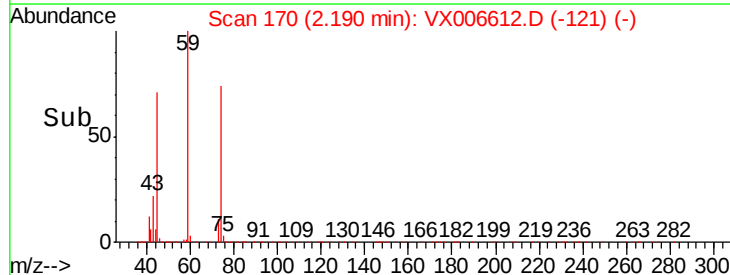
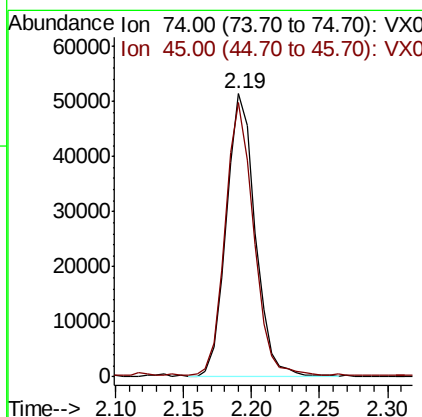
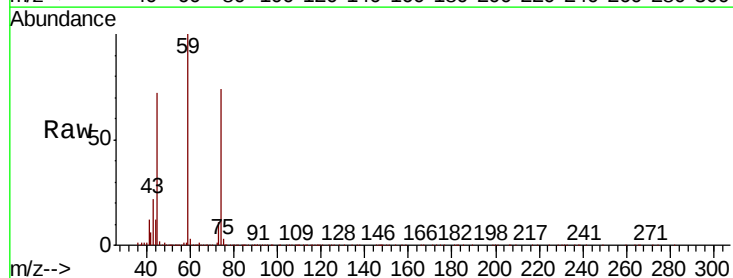
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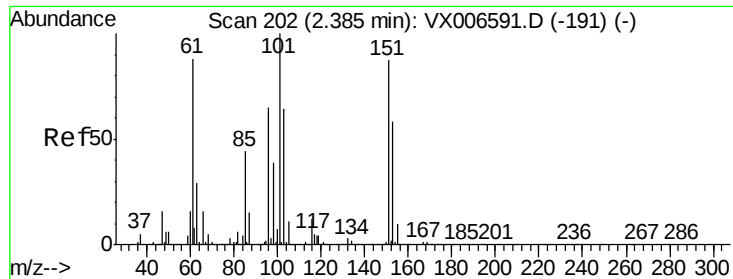


#8

Diethyl Ether
Concen: 20.144 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.121 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

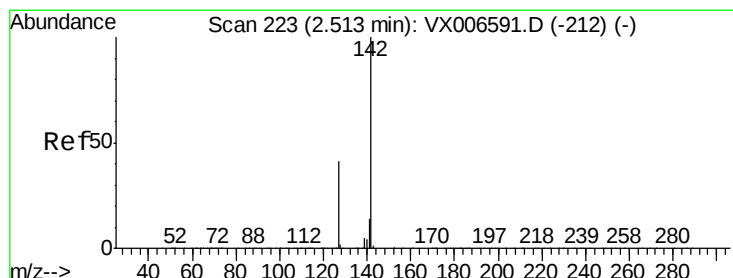
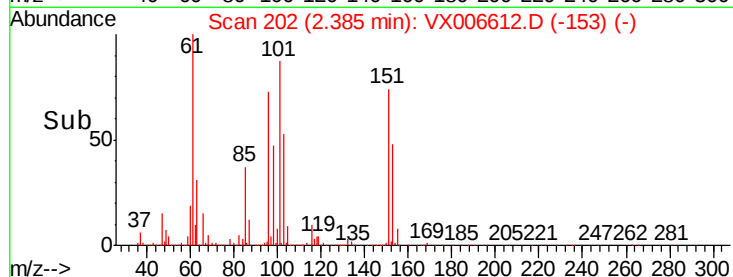
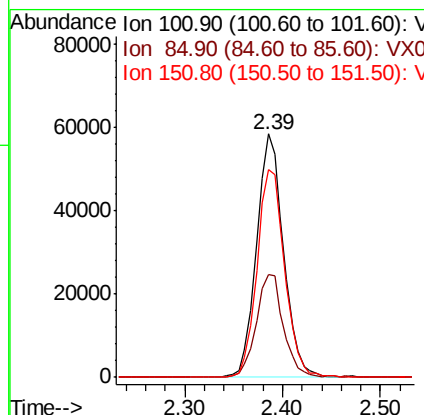
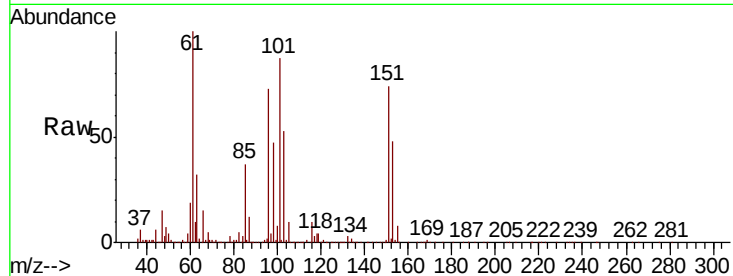
ClientSampleId :

VX1218WBS02

Tot Ion:	101	Resp:	111898
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.5	53.3
151	87.5	68.6	103.0

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#10

Methyl Iodide

Concen: 21.363 ug/l

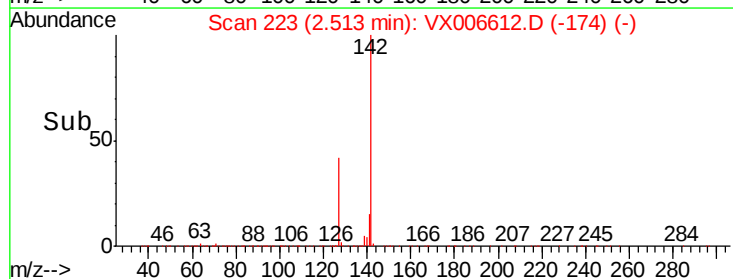
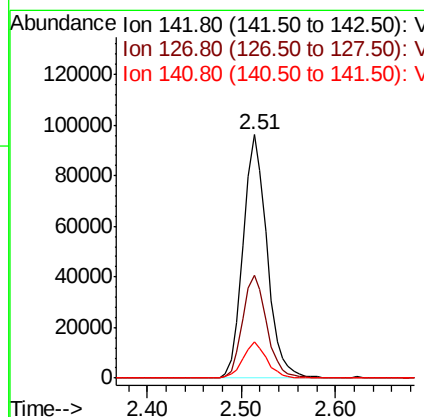
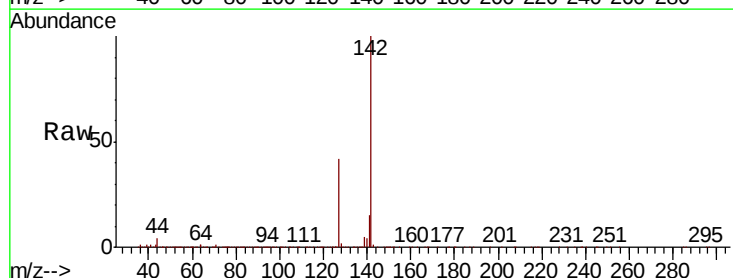
RT: 2.51 min Scan# 223

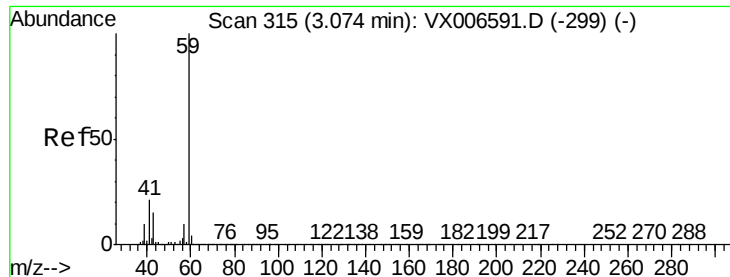
Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	142	Resp:	170065
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.8	52.2
141	14.8	11.4	17.2





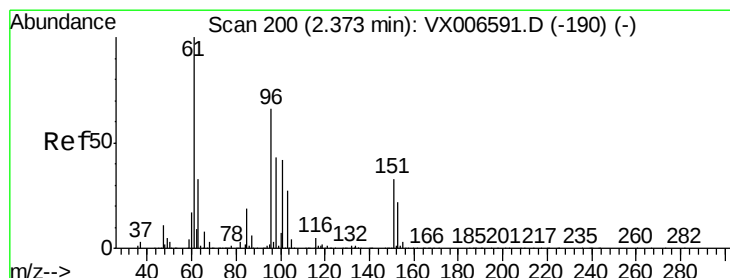
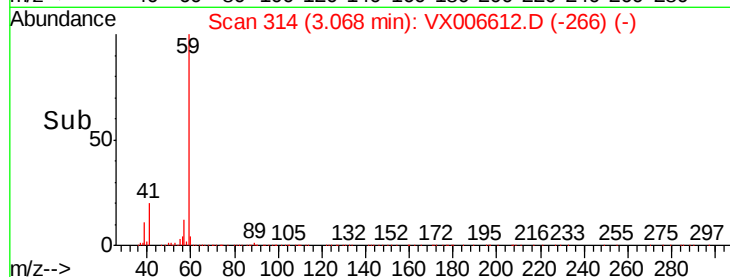
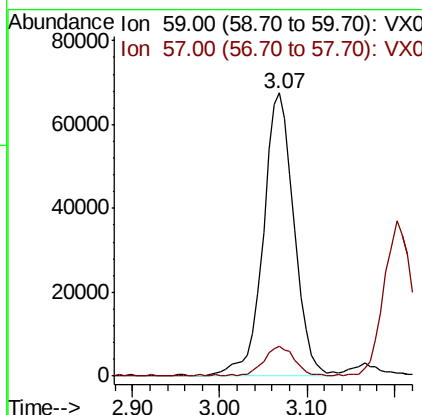
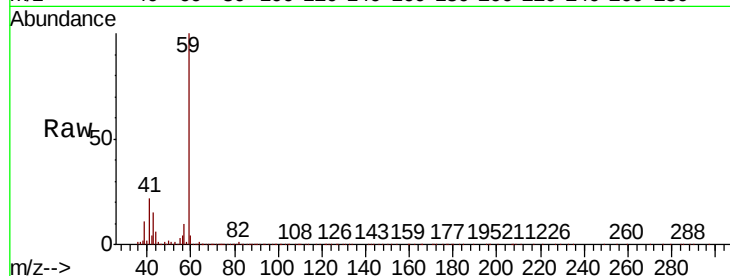
#11
Tert butyl alcohol
Concen: 117.538 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

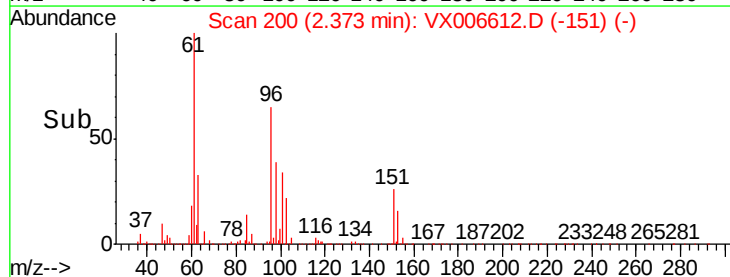
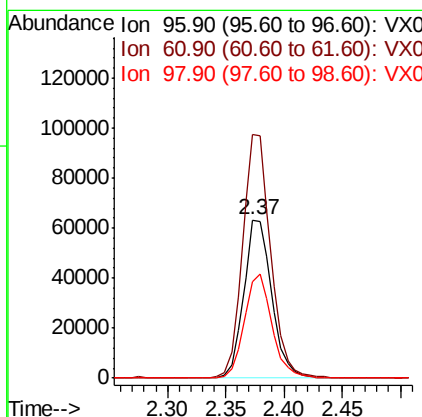
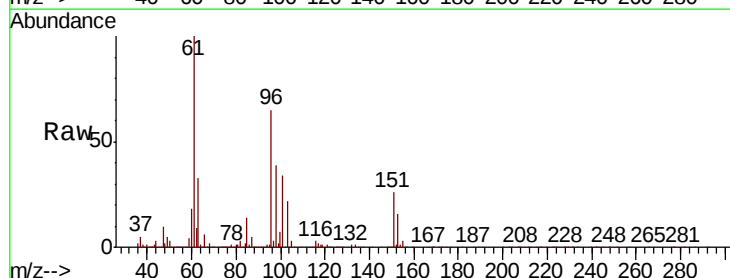
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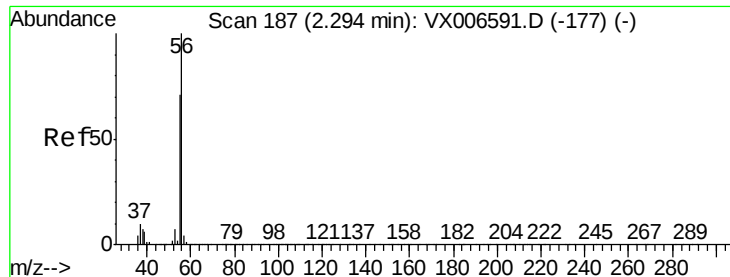
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#12
1,1-Dichloroethene
Concen: 20.146 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	131.7	197.5
98	60.4	51.8	77.6





#13

Acrolein

Concen: 97.906 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 56 Resp: 93757

Ion Ratio Lower Upper

56 100

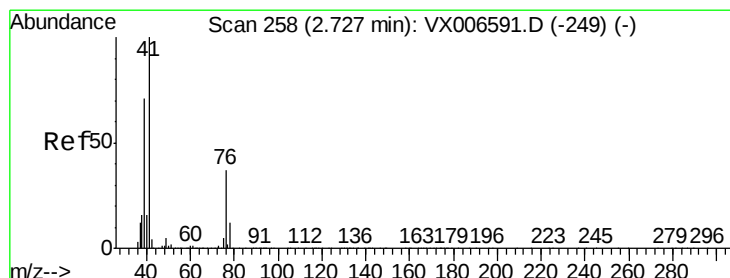
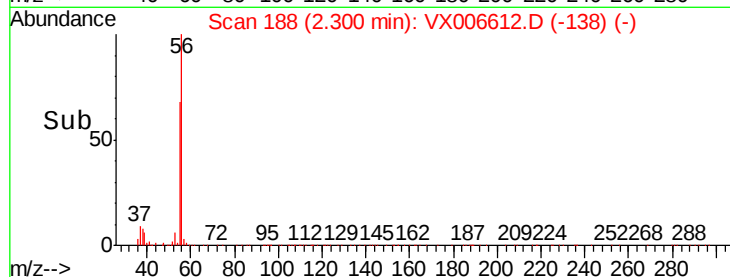
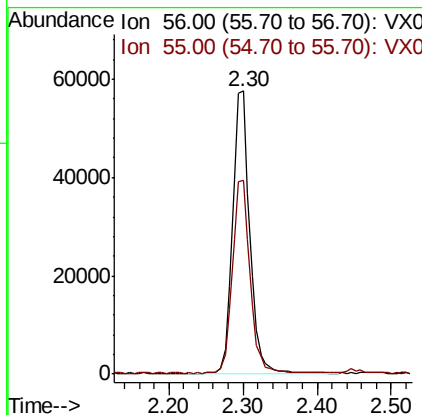
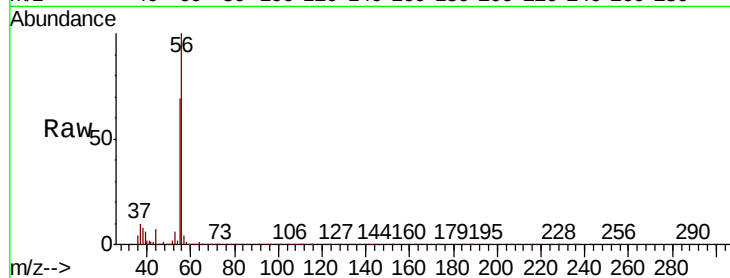
55 69.5 57.8 86.6

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#14

Allyl chloride

Concen: 20.025 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

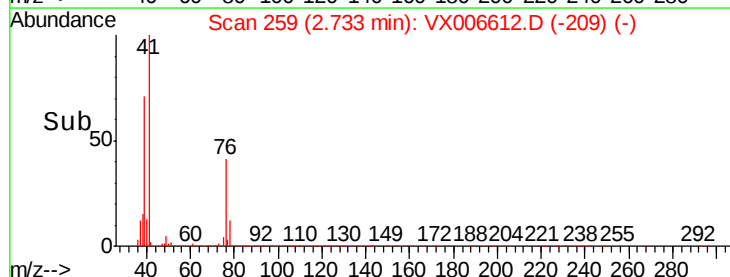
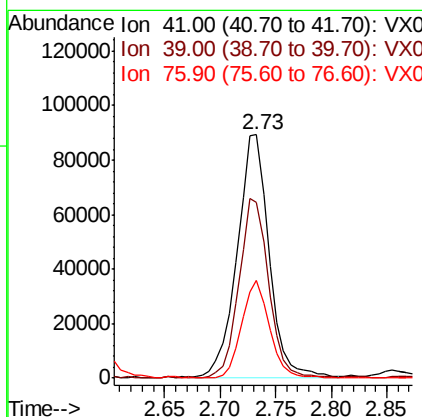
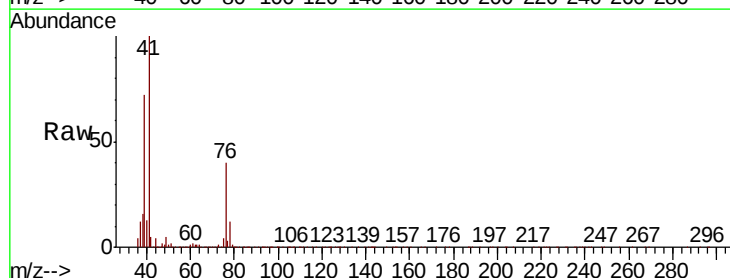
Tgt Ion: 41 Resp: 177734

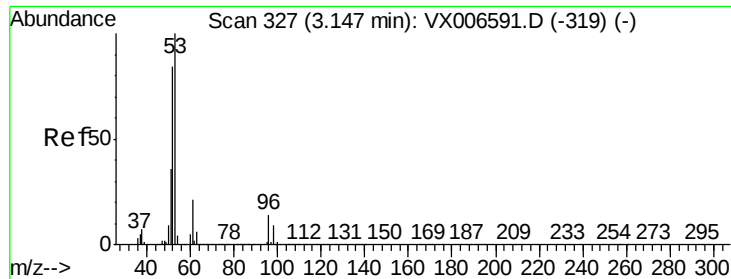
Ion Ratio Lower Upper

41 100

39 67.9 52.4 78.6

76 35.0 25.4 38.0





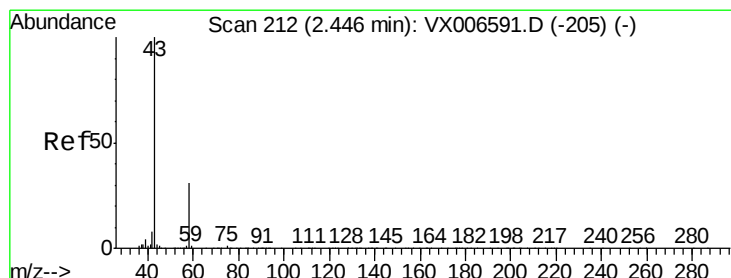
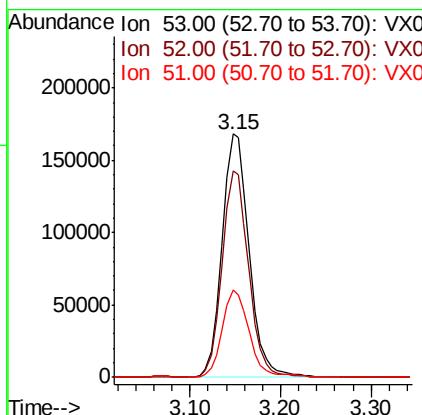
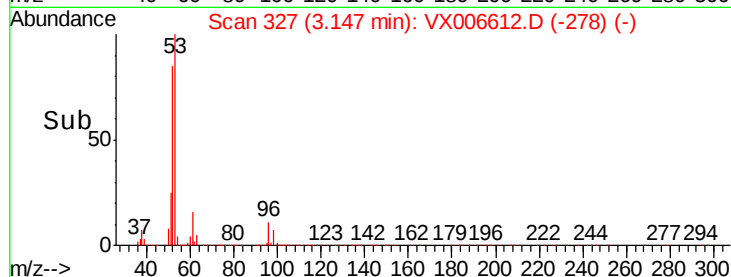
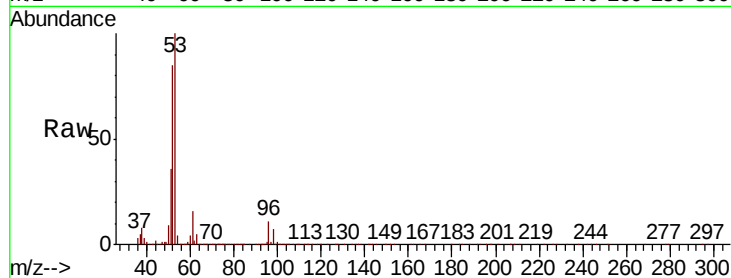
#15
Acrylonitrile
Concen: 110.521 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	53	100	348340		
52	52	82.9		66.2	99.4
51	51	35.8		28.7	43.1

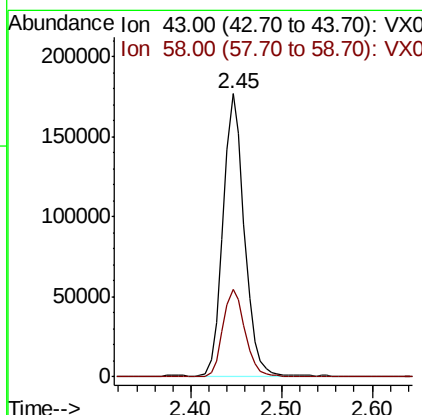
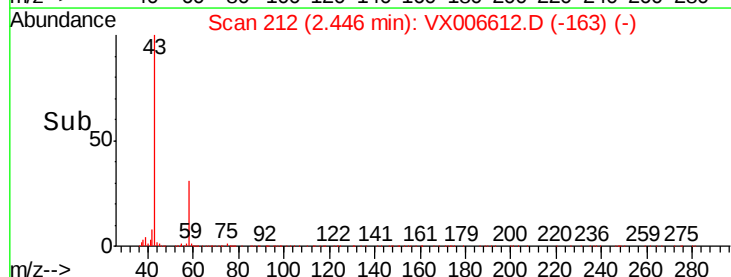
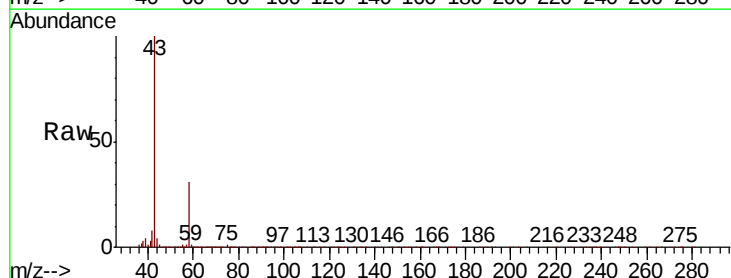
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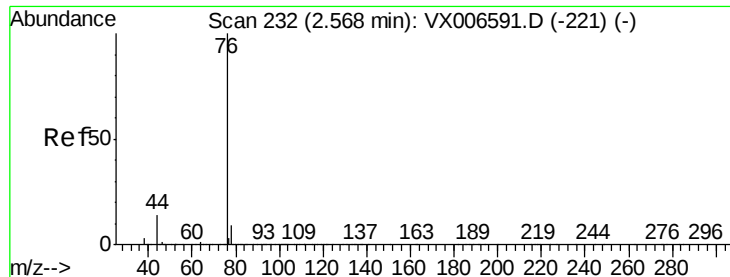
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#16
Acetone
Concen: 98.535 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	287947		
58	58	30.9		24.0	36.0





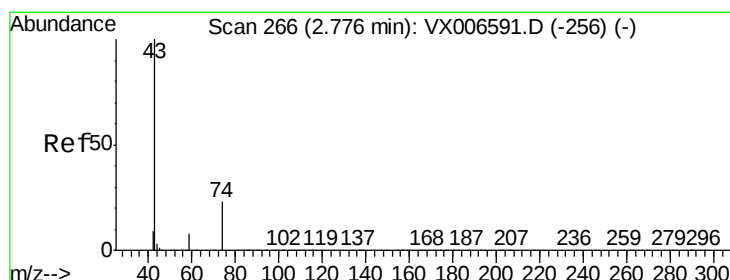
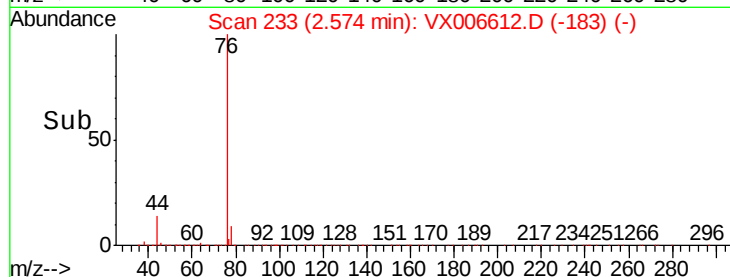
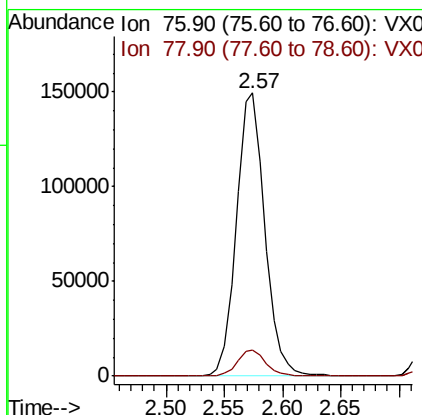
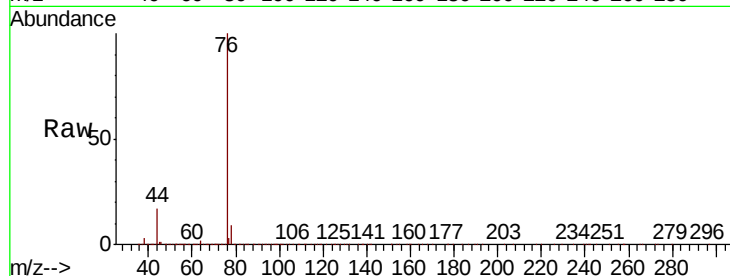
#17
Carbon Disulfide
Concen: 18.201 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

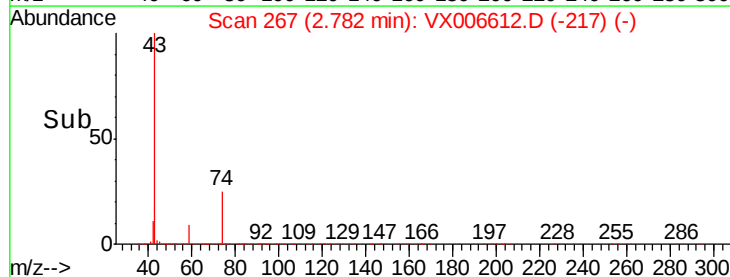
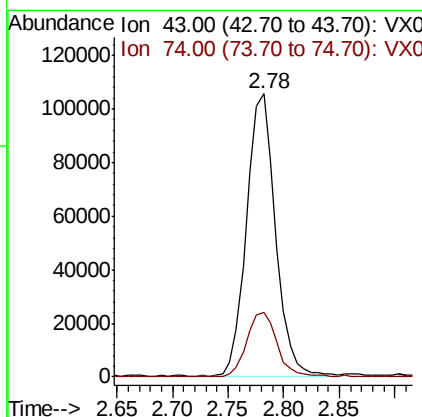
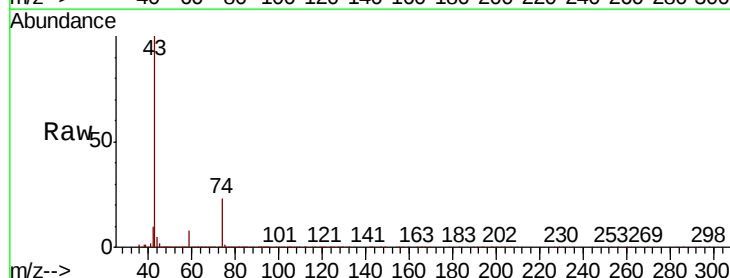
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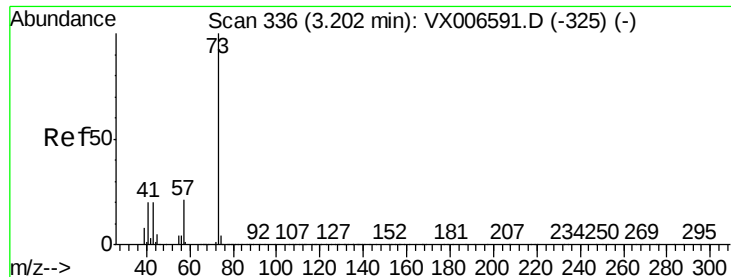
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#18
Methyl Acetate
Concen: 22.298 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.9	26.9





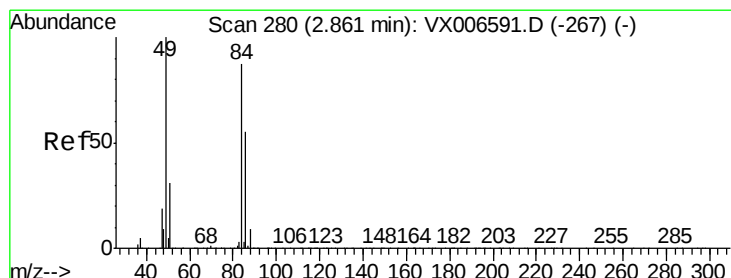
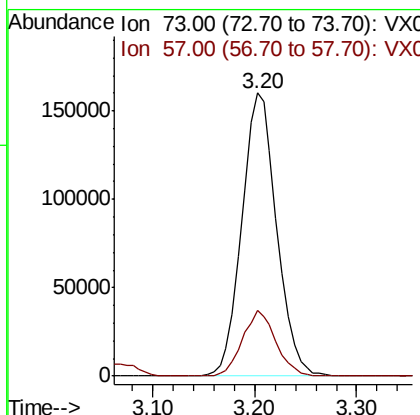
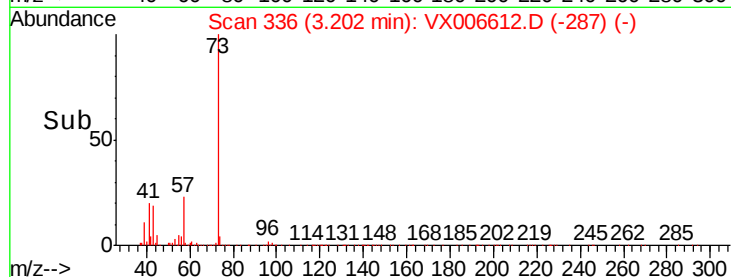
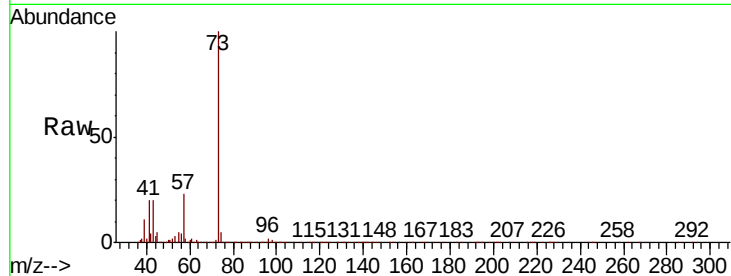
#19
Methyl tert-butyl Ether
Concen: 21.654 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.5	26.3

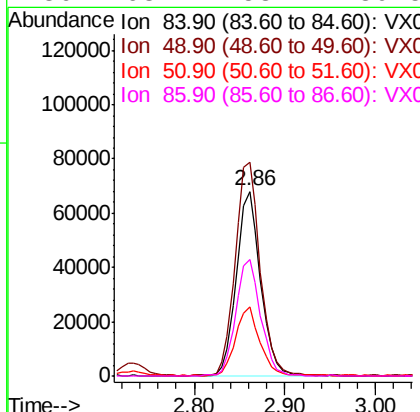
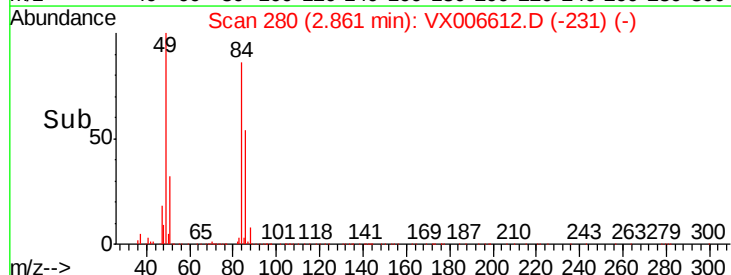
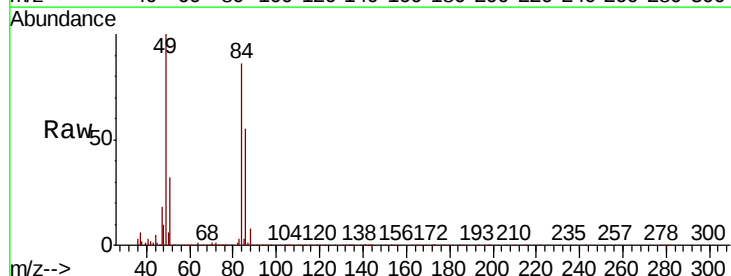
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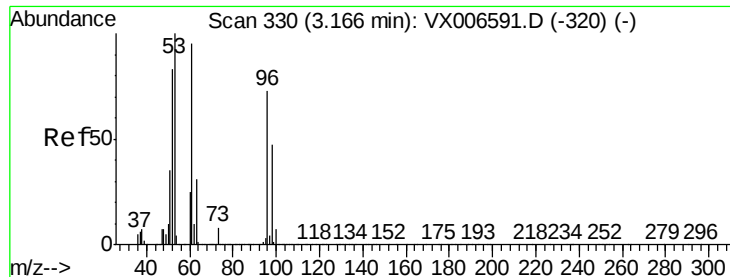
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#20
Methylene Chloride
Concen: 20.901 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	102.2	153.4
51	37.1	31.1	46.7
86	63.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.643 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

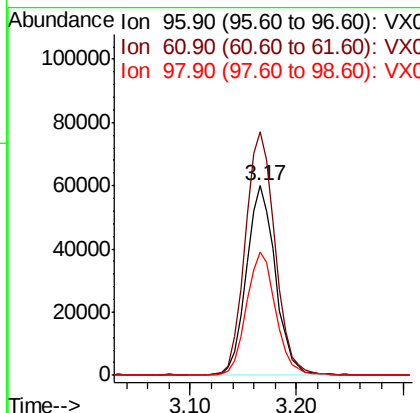
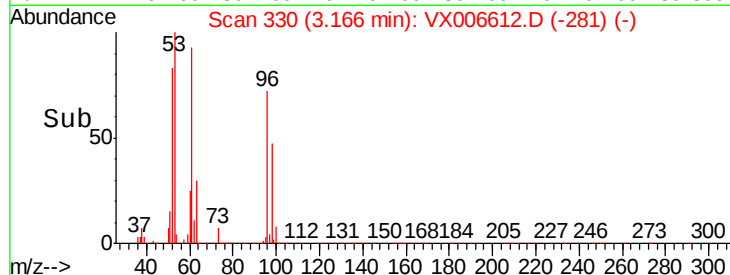
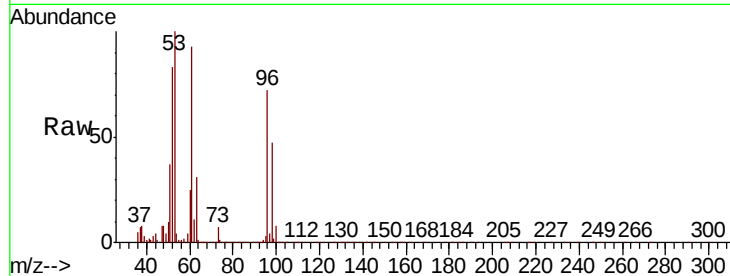
ClientSampleId :

VX1218WBS02

Tot Ion:	96	Resp:	114764
Ion	Ratio	Lower	Upper
96	100		
61	128.6	113.3	169.9
98	65.1	53.2	79.8

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#22

Diisopropyl ether

Concen: 21.307 ug/l

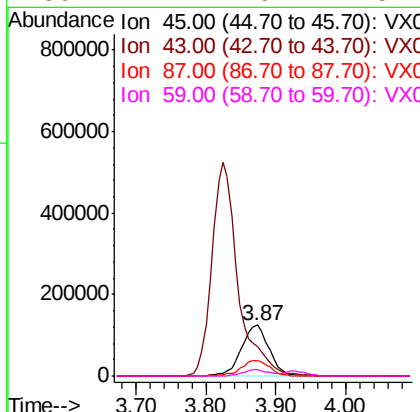
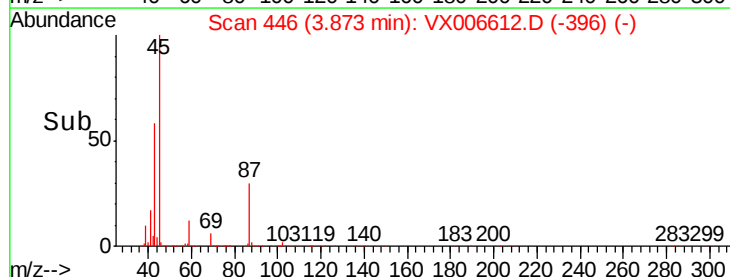
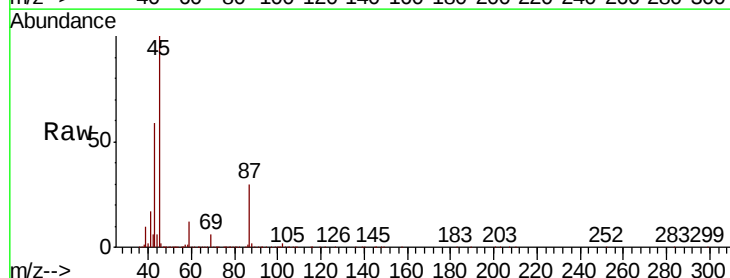
RT: 3.87 min Scan# 446

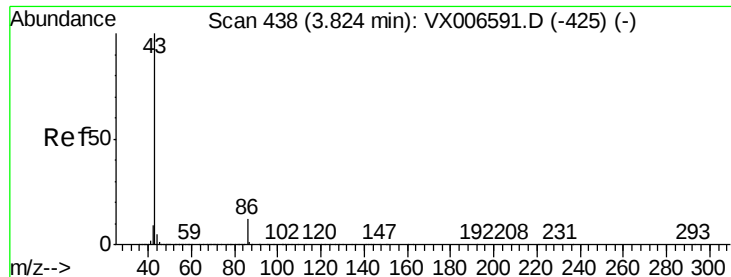
Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	45	Resp:	345973
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.2	69.2
87	30.0	24.9	37.3
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 102.802 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 43 Resp: 1365417

Ion Ratio Lower Upper

43 100

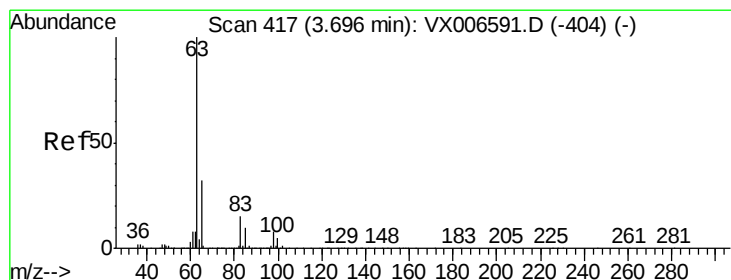
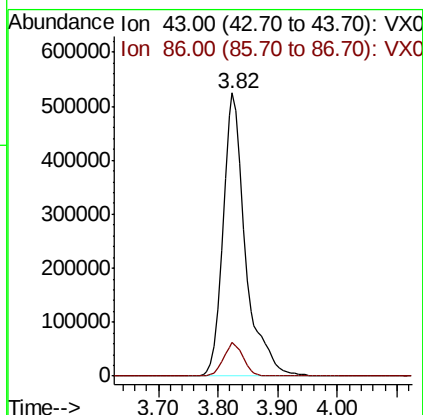
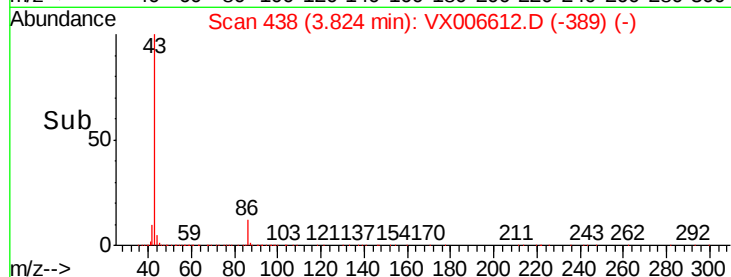
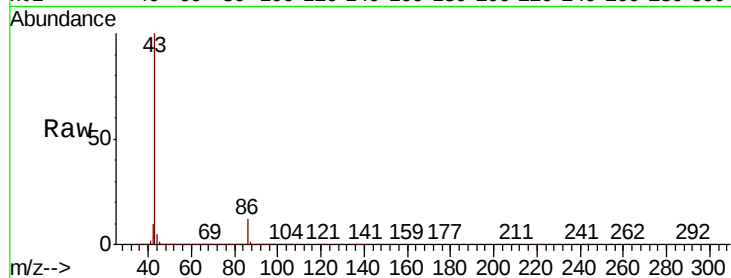
86 11.9 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 20.461 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

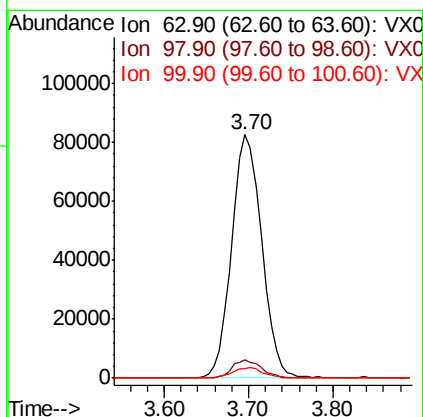
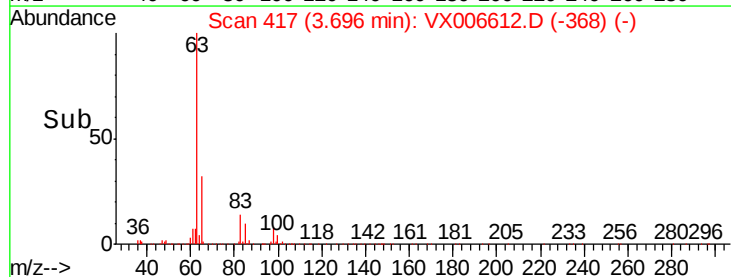
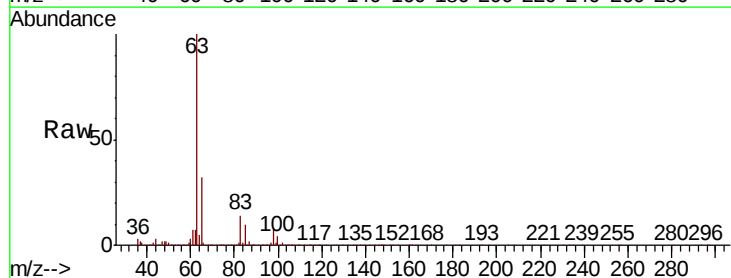
Tgt Ion: 63 Resp: 198329

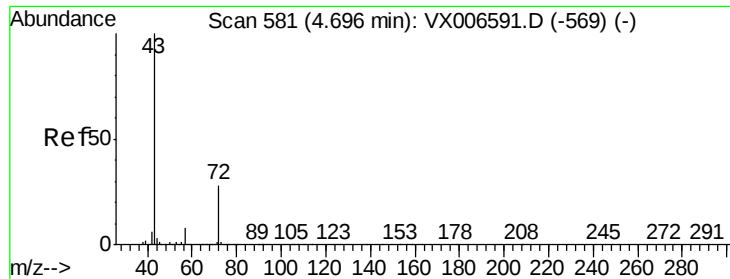
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 104.701 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 43 Resp: 430379

Ion Ratio Lower Upper

43 100

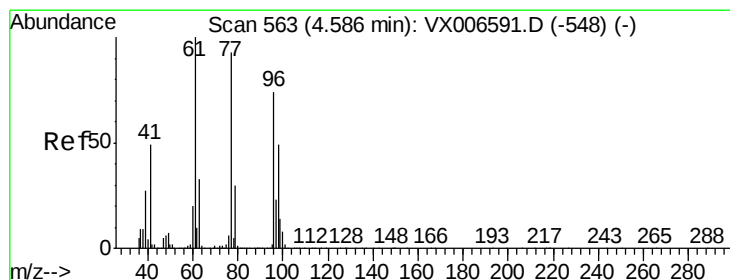
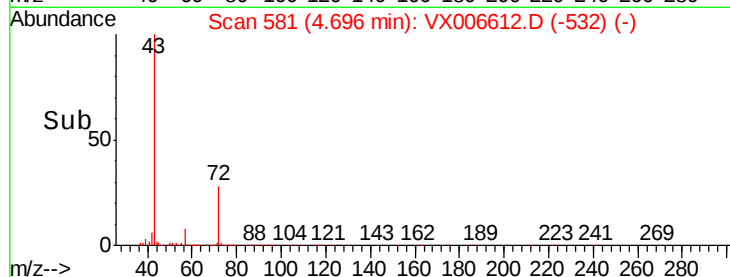
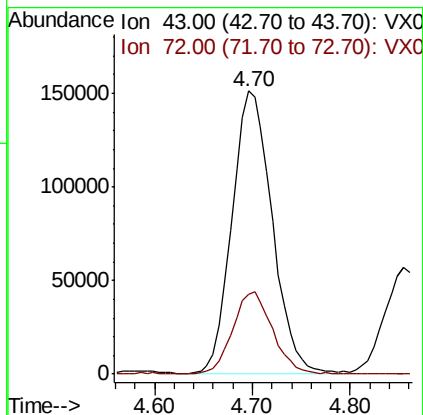
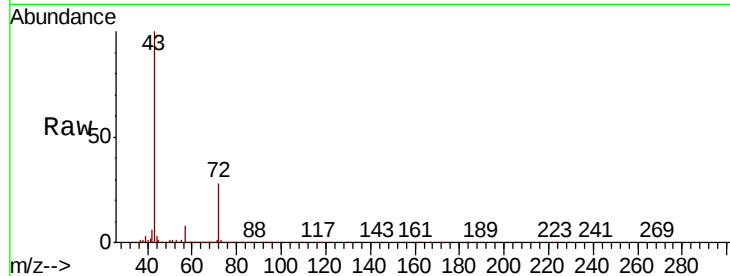
72 28.1 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.090 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006612.D

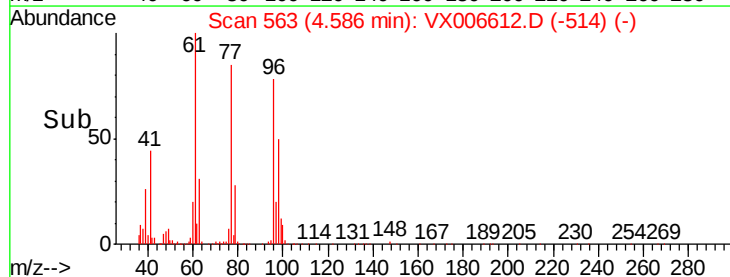
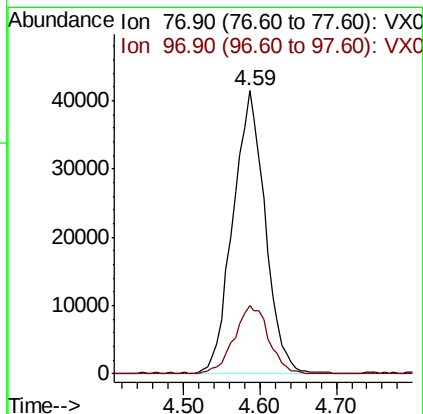
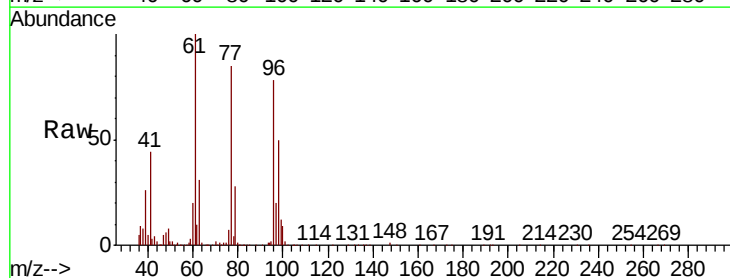
Acq: 18 Dec 2018 22:31

Tgt Ion: 77 Resp: 120475

Ion Ratio Lower Upper

77 100

97 26.0 12.3 36.8





#27

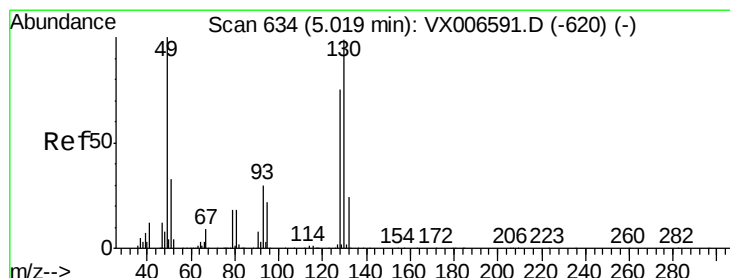
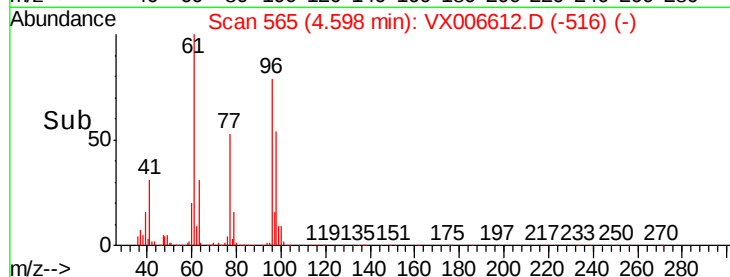
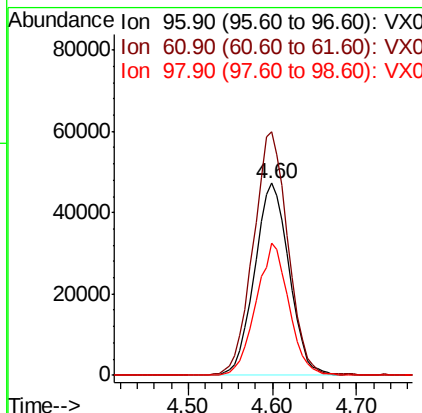
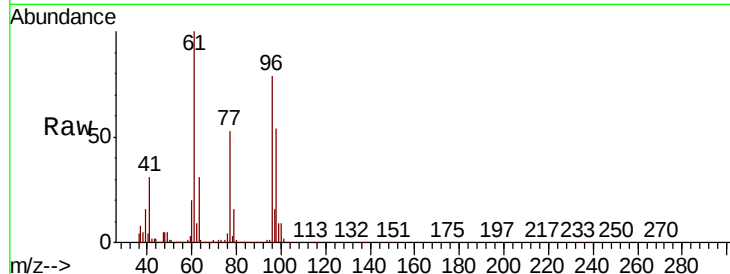
cis-1,2-Dichloroethene
Concen: 20.630 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132983		
61	126.4		0.0	265.0
98	65.3		0.0	130.2

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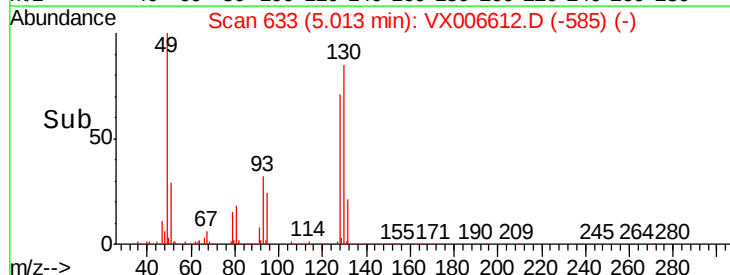
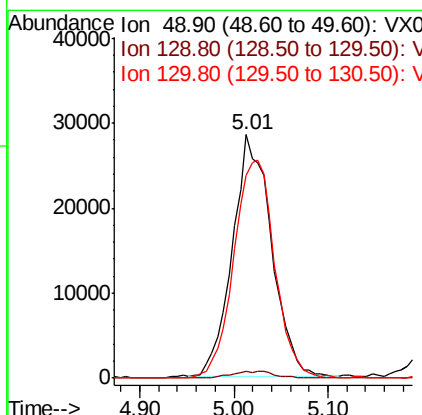
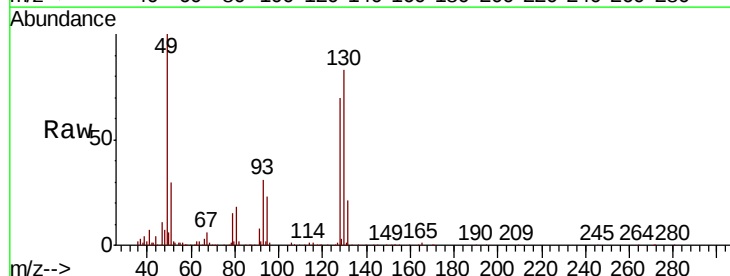
MMDadoda
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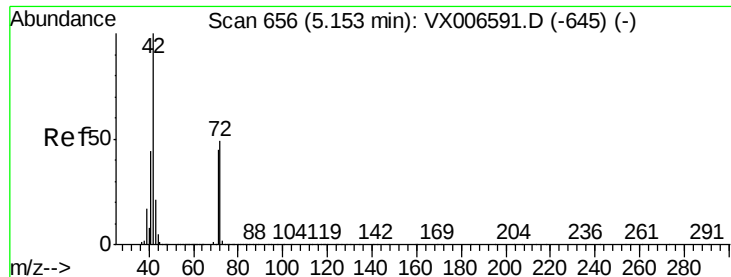


#28

Bromochloromethane
Concen: 19.033 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82463		
129	3.2		0.0	5.0
130	94.7		78.3	117.5





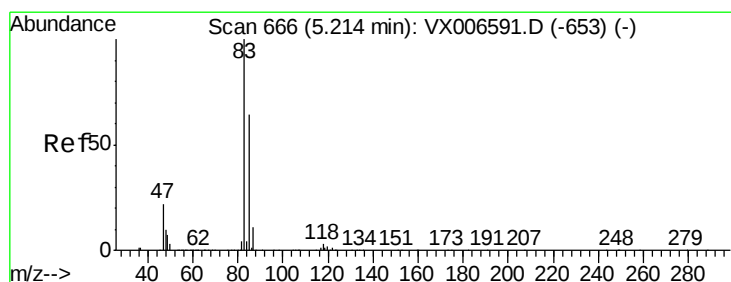
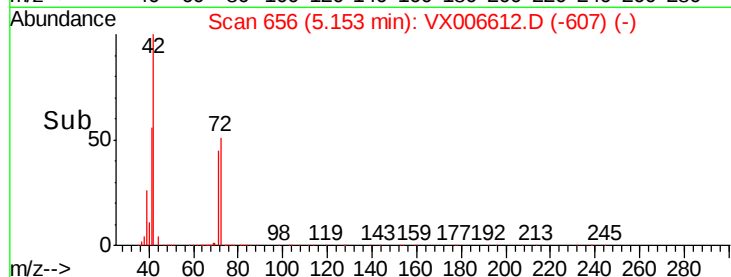
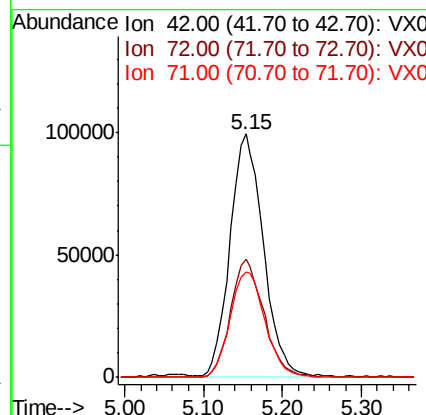
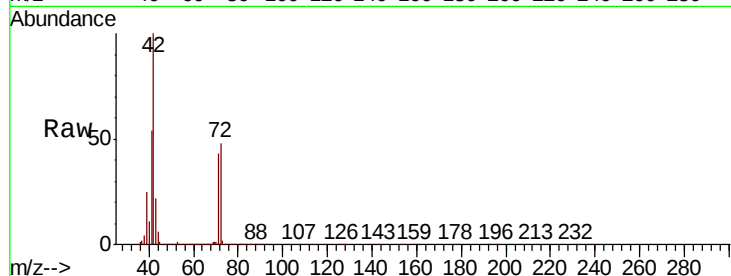
#29
Tetrahydrofuran
Concen: 107.844 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion:	42	Resp:	291972
Ion Ratio		Lower	Upper
42	100		
72	48.8	37.8	56.8
71	45.6	35.2	52.8

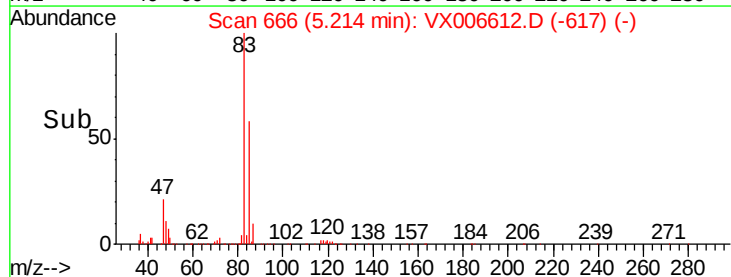
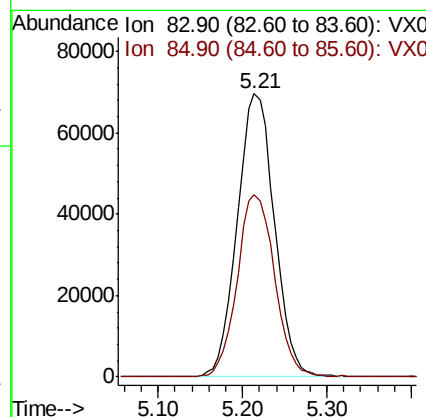
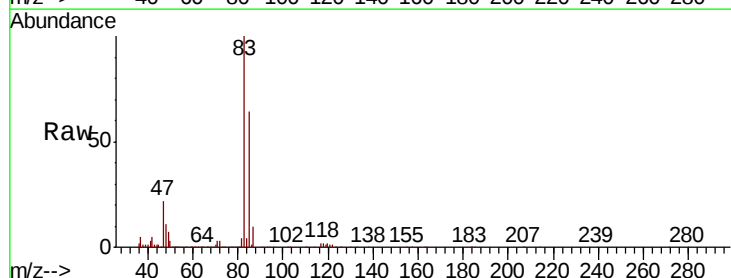
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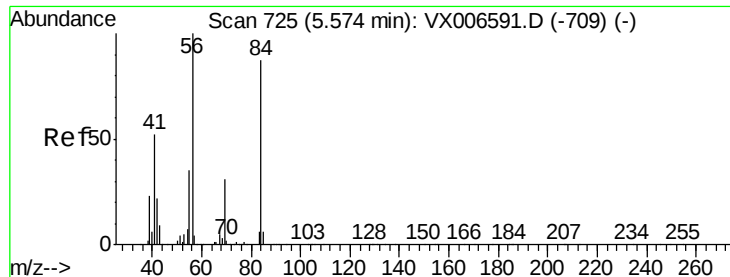
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#30
Chloroform
Concen: 20.601 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion:	83	Resp:	206786
Ion Ratio		Lower	Upper
83	100		
85	64.1	50.3	75.5





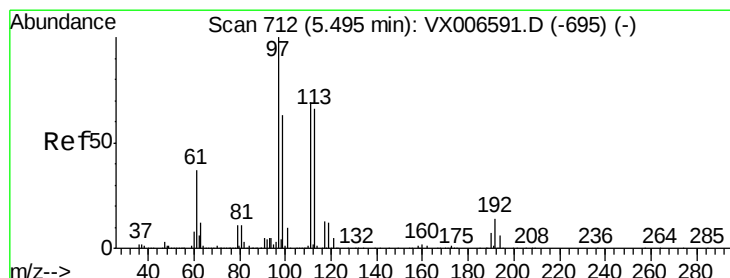
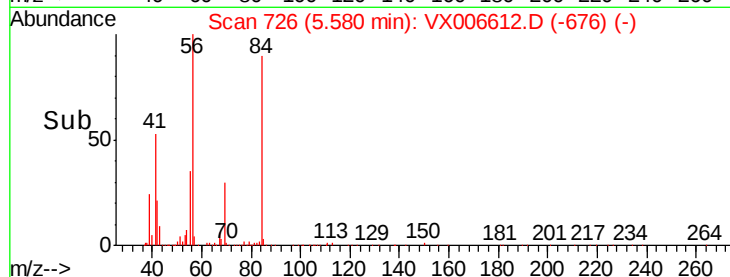
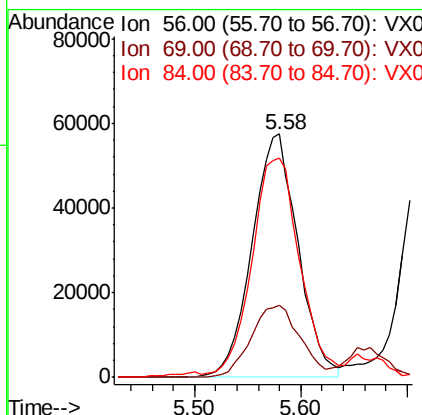
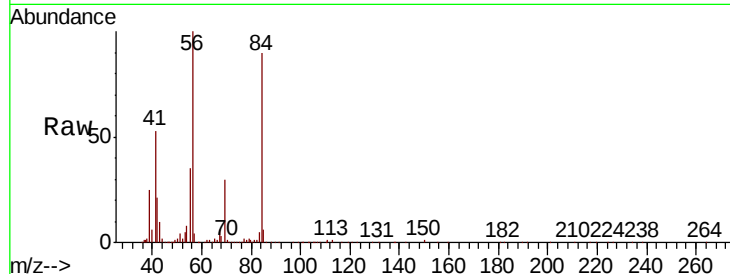
#31
Cyclohexane
Concen: 19.618 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.5	36.7
84	87.9	71.8	107.6

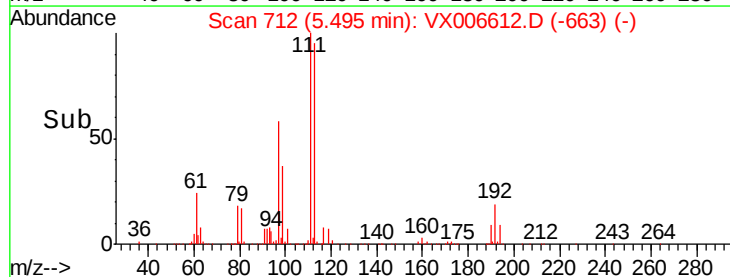
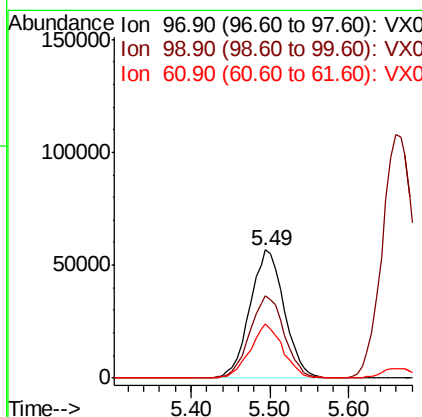
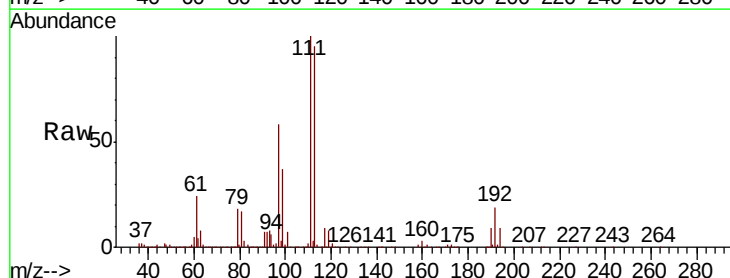
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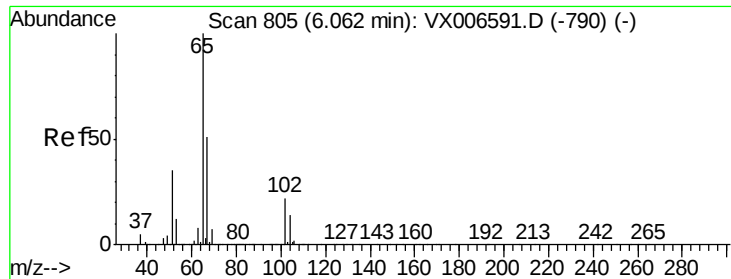
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#32
1,1,1-Trichloroethane
Concen: 20.228 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	40.2	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 52.193 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 65 Resp: 331985

Ion Ratio Lower Upper

65 100

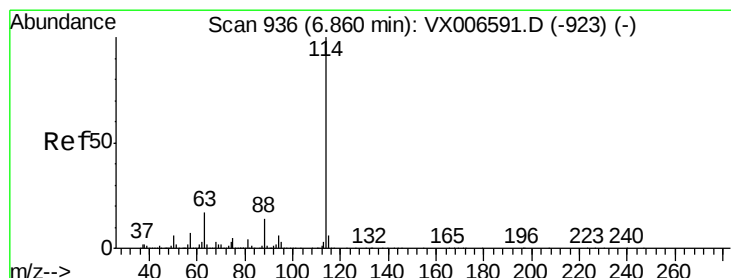
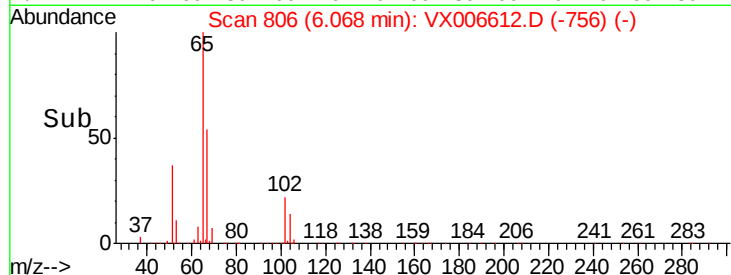
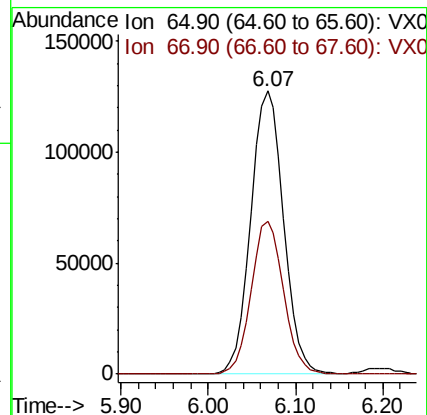
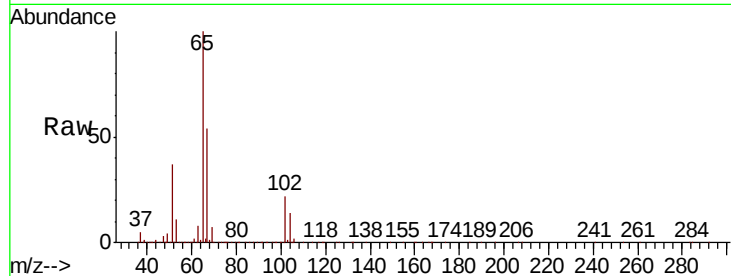
67 53.4 0.0 107.2

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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: VX006612.D

Acq: 18 Dec 2018 22:31

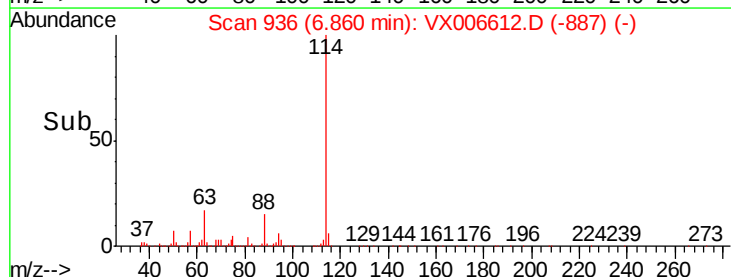
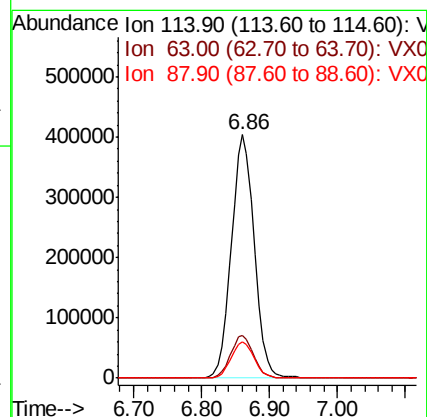
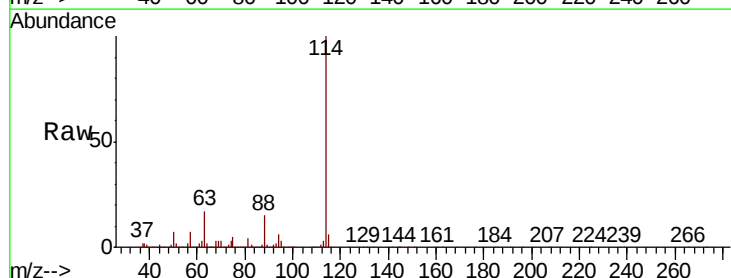
Tgt Ion: 114 Resp: 939225

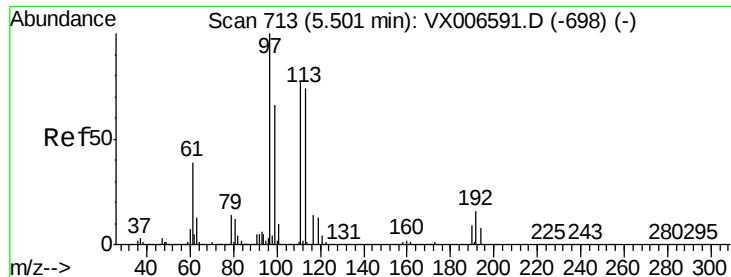
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.740 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

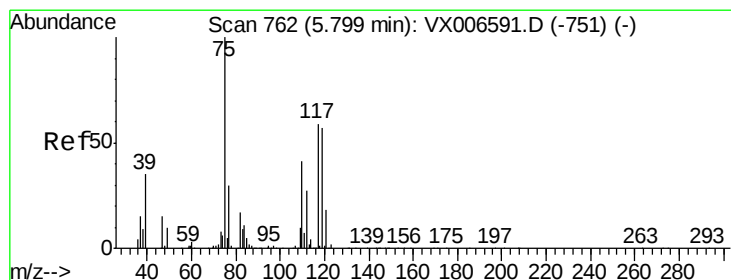
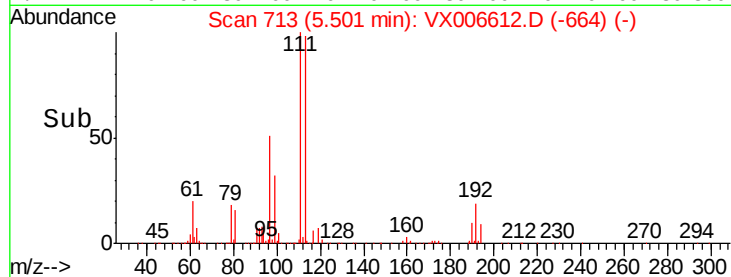
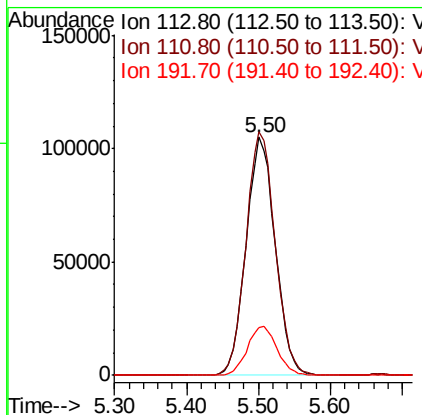
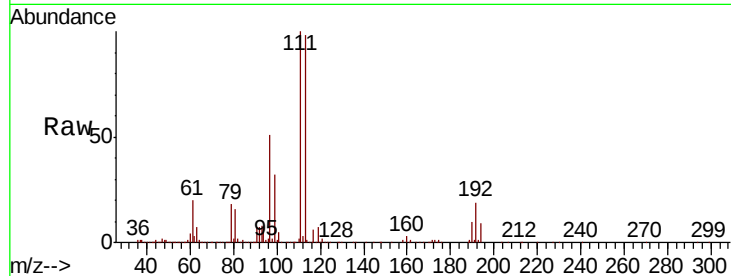
ClientSampleId :

VX1218WBS02

Tot Ion:	113	Resp:	295430
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.1	121.7
192	20.9	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 19.334 ug/l

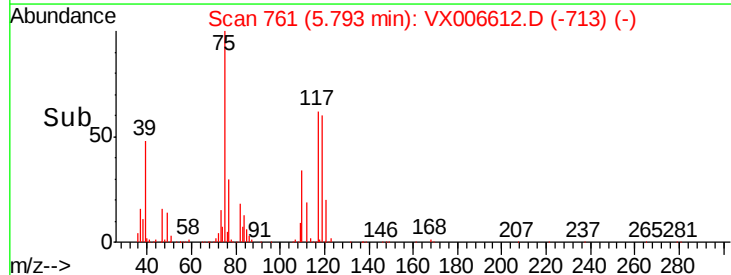
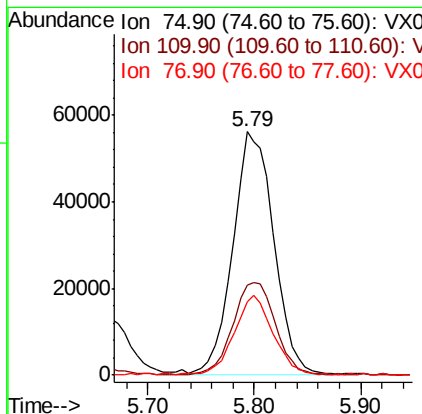
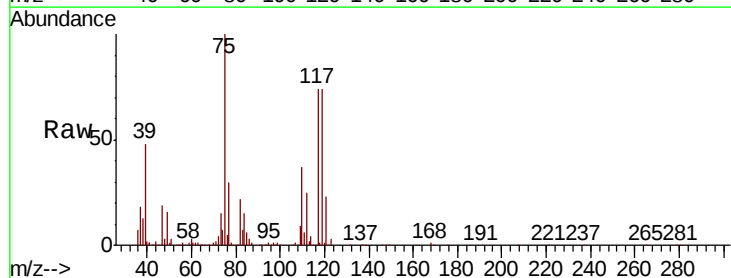
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	75	Resp:	150401
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.4	61.3
77	31.0	24.9	37.3





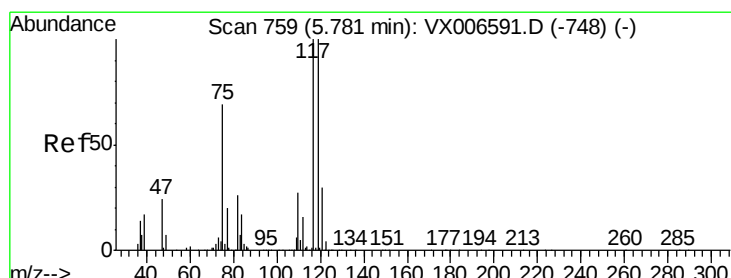
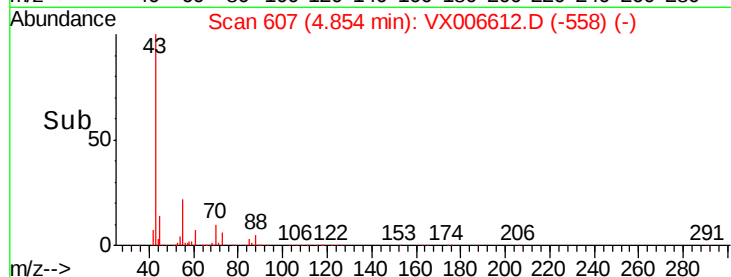
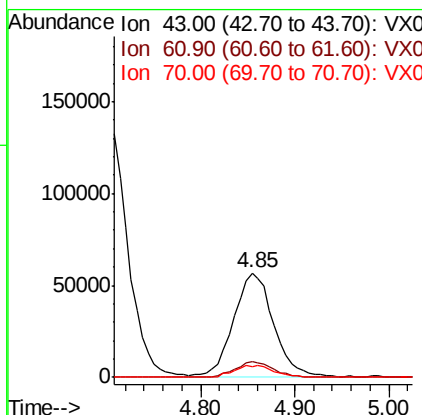
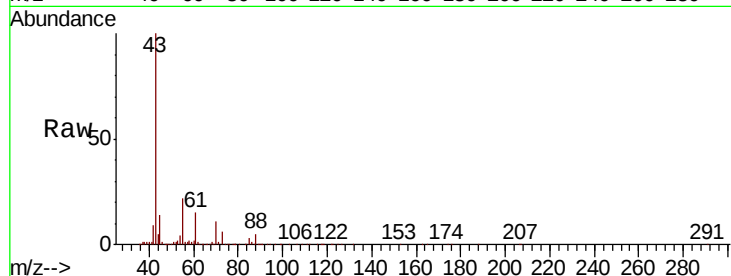
#37
Ethyl Acetate
Concen: 20.461 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion:	43	Resp:	165662
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	12.0	9.0	13.6

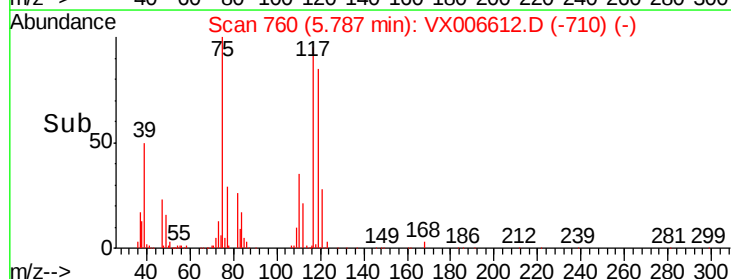
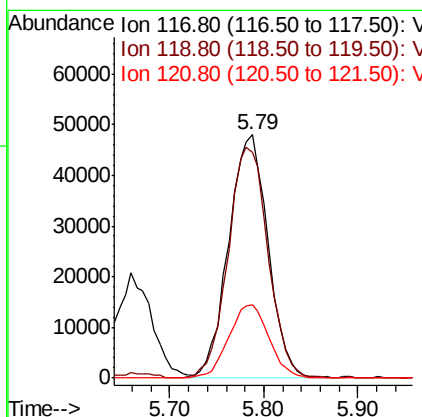
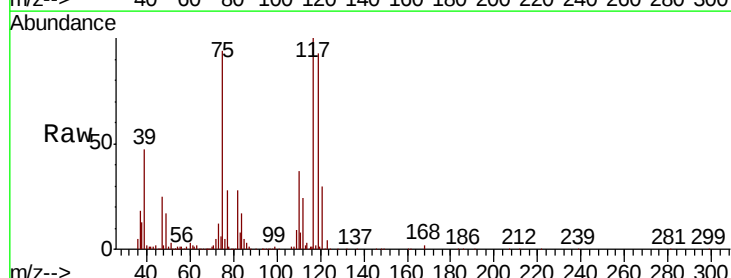
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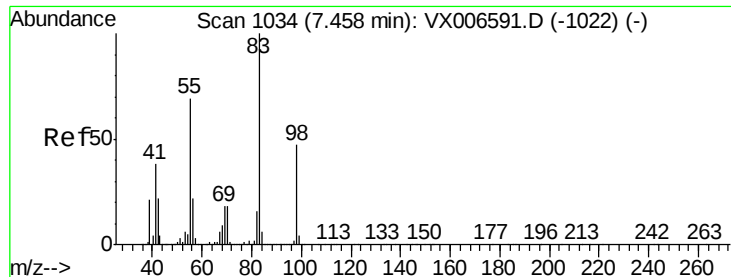
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#38
Carbon Tetrachloride
Concen: 18.480 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion:	117	Resp:	139707
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.8	113.8
121	30.2	24.6	37.0





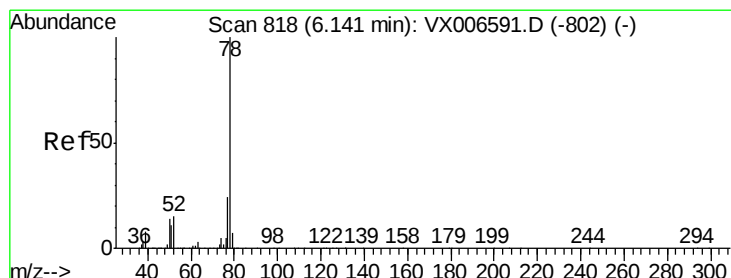
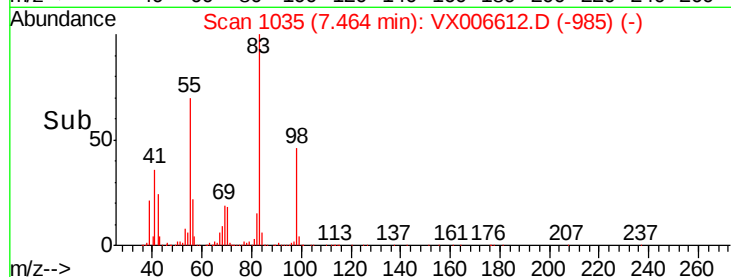
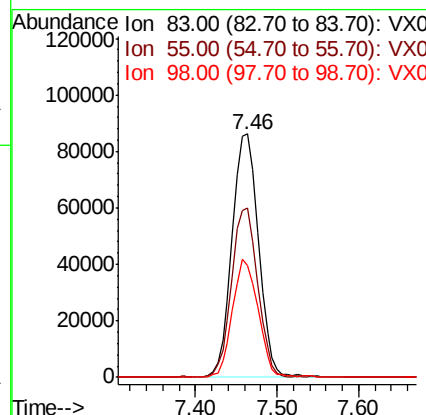
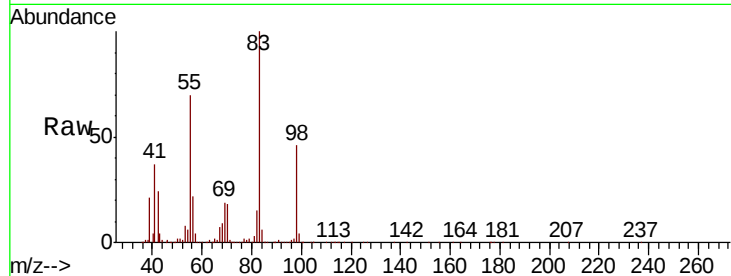
#39
Methvlcvclohexane
Concen: 18.732 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191843		
55	69.7	56.4	84.6	
98	45.9	39.0	58.6	

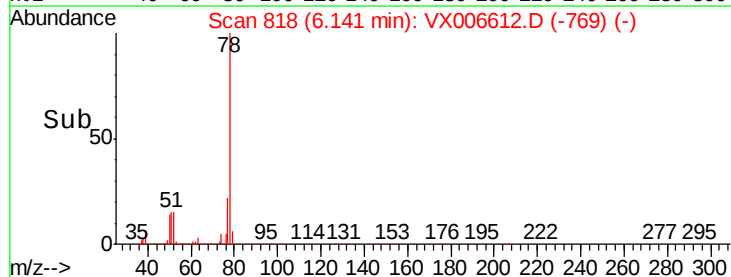
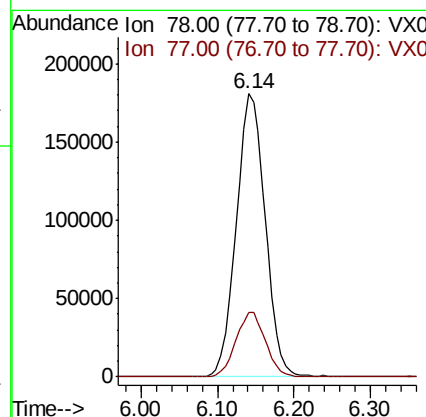
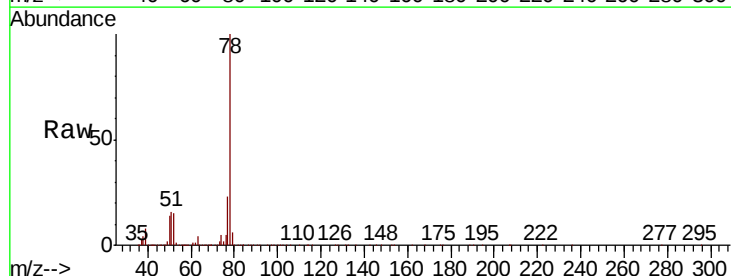
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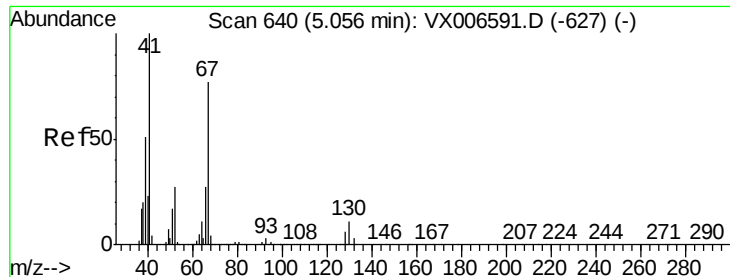
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#40
Benzene
Concen: 19.994 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	472760		
77	22.6	19.2	28.8	





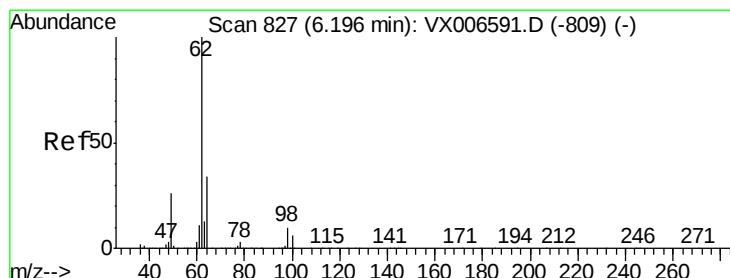
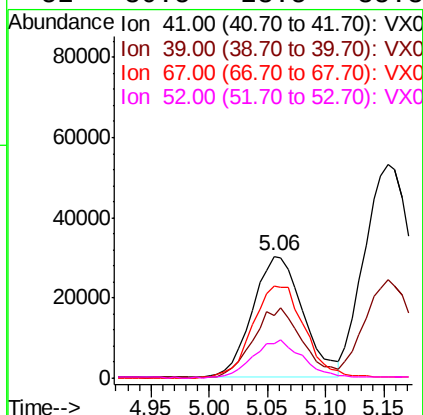
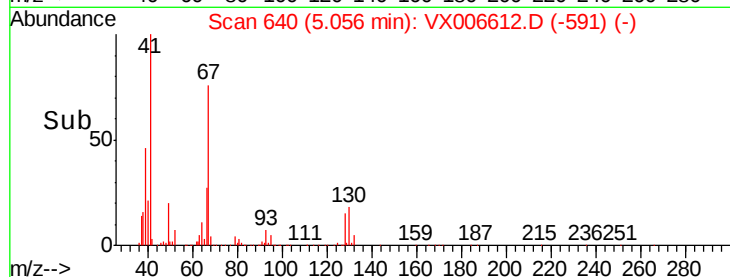
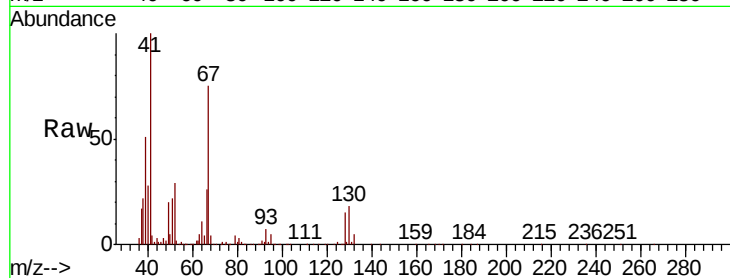
#41
Methacrylonitrile
Concen: 20.040 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.0	66.0
67	78.6	61.4	92.0
52	30.5	23.5	35.3

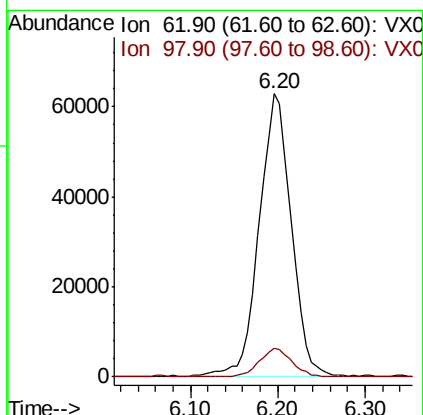
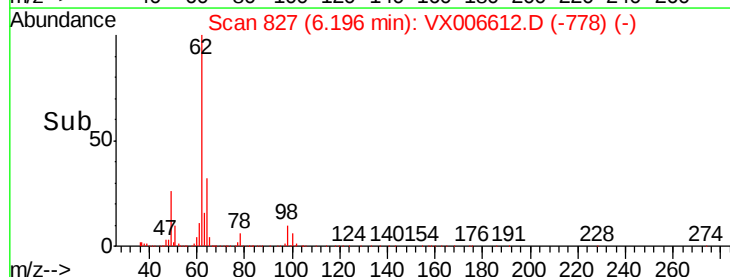
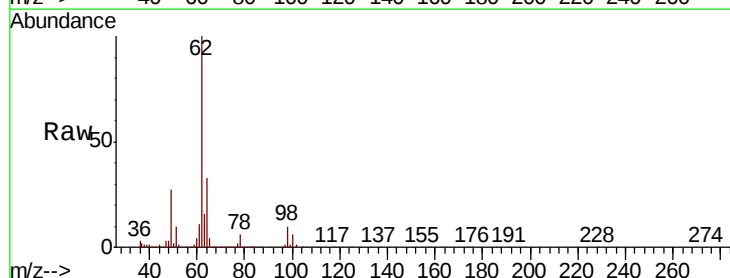
Manual Integrations
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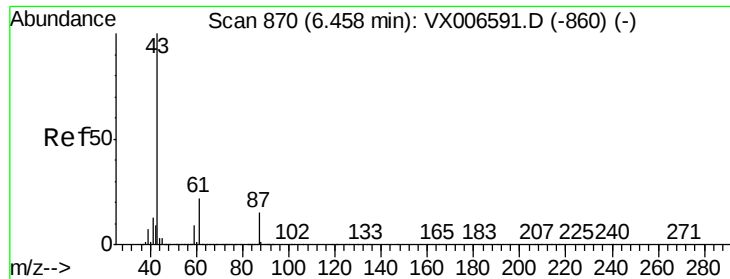
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#42
1,2-Dichloroethane
Concen: 19.771 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





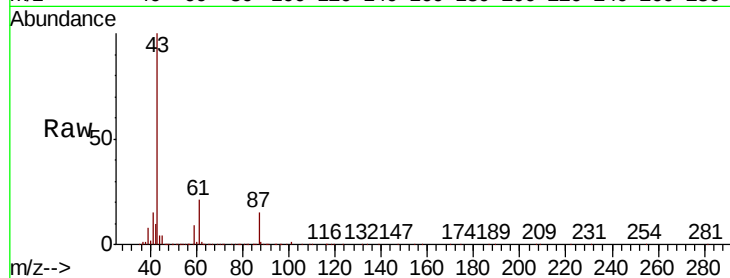
#43
Isopropyl Acetate
Concen: 20.616 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

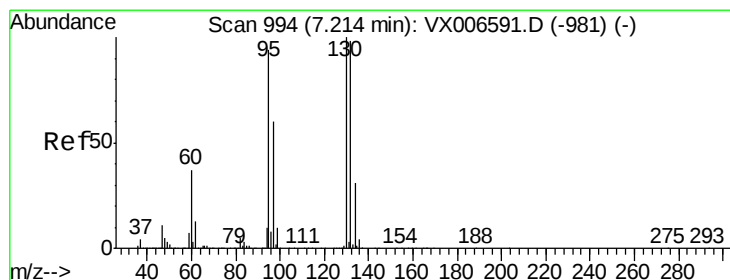
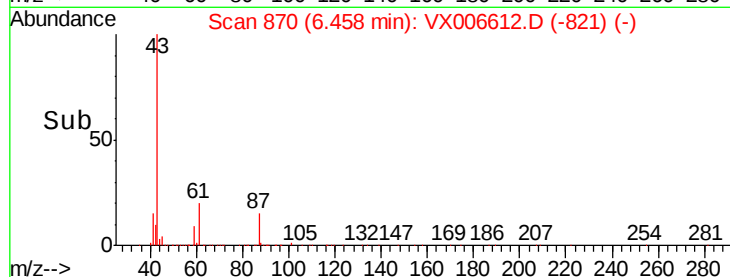
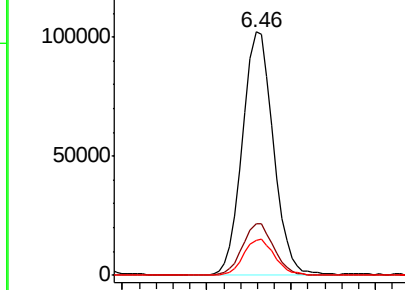
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.0	11.9	17.9

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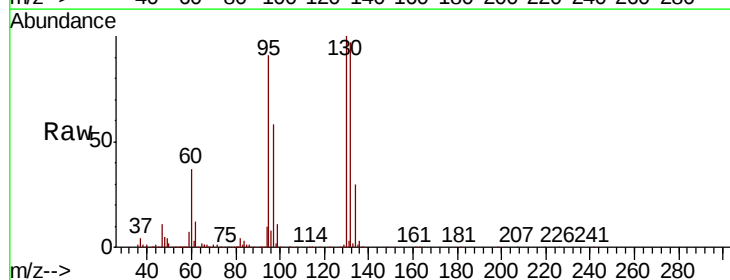


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

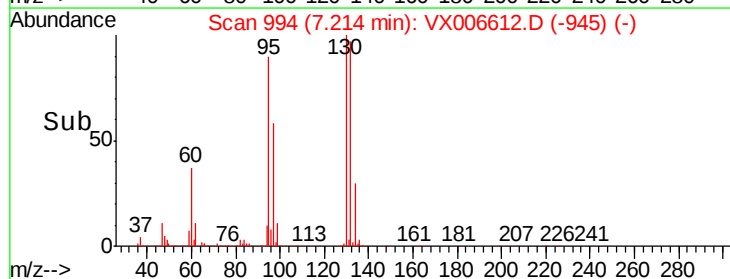
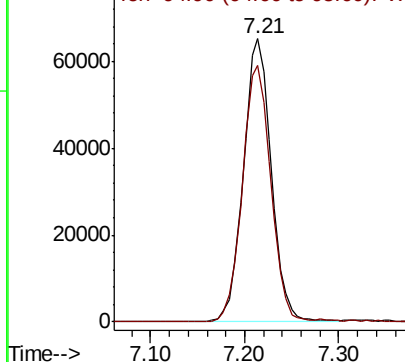


#44
Trichloroethene
Concen: 18.938 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	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: 19.957 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 63 Resp: 114837

Ion Ratio Lower Upper

63 100

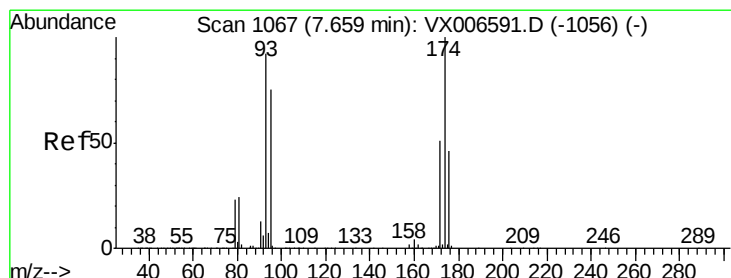
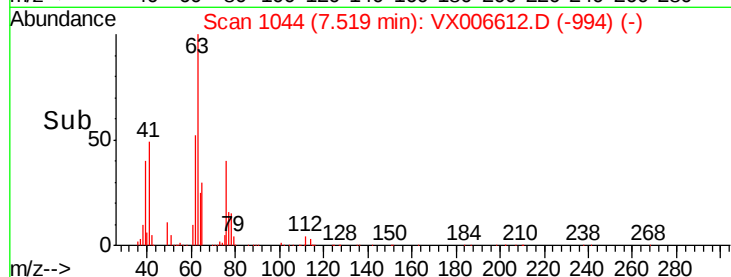
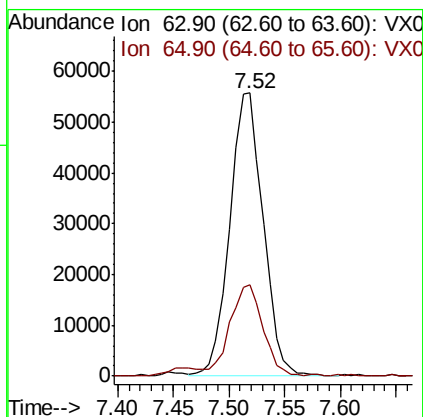
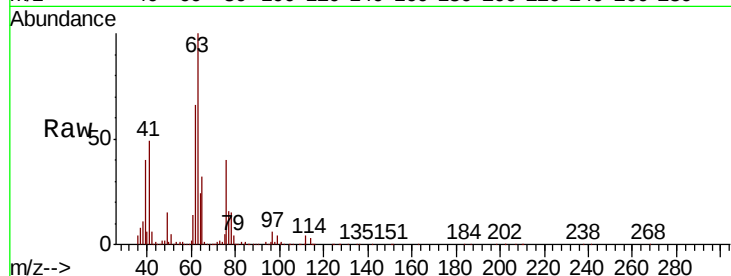
65 31.9 24.3 36.5

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#46

Dibromomethane

Concen: 19.591 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

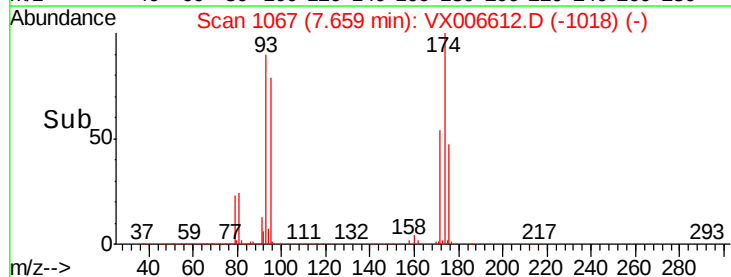
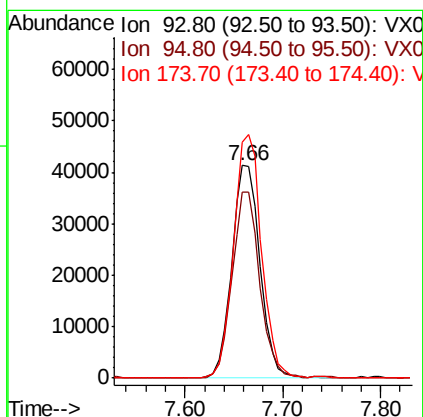
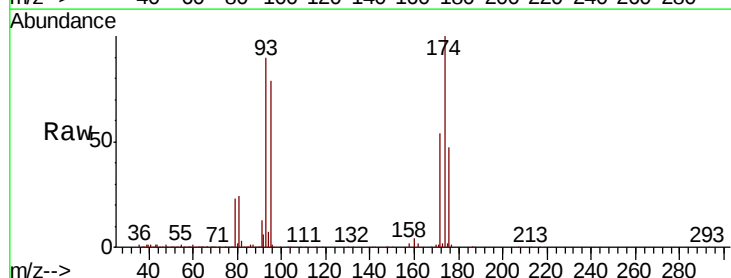
Tgt Ion: 93 Resp: 82916

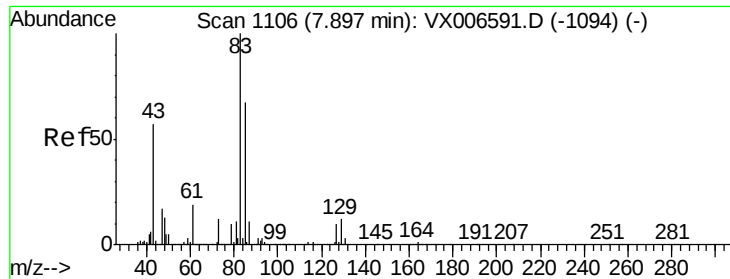
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

174 113.3 97.2 145.8





#47

Bromodichloromethane

Concen: 18.954 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

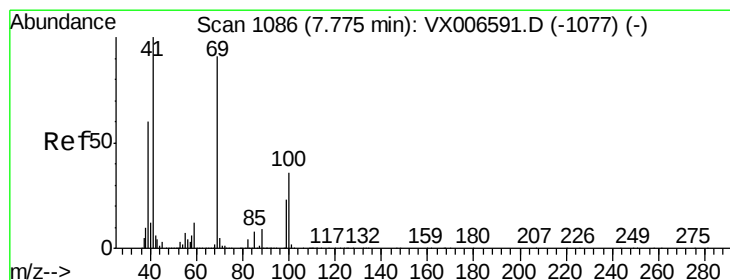
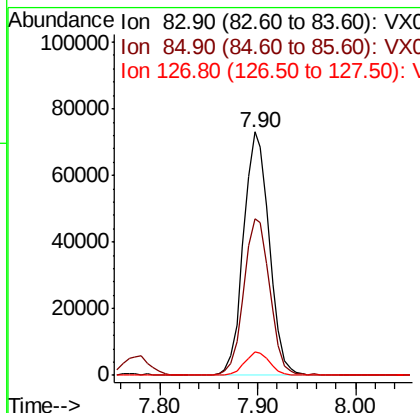
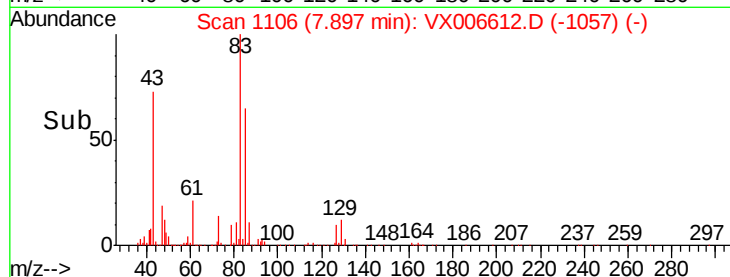
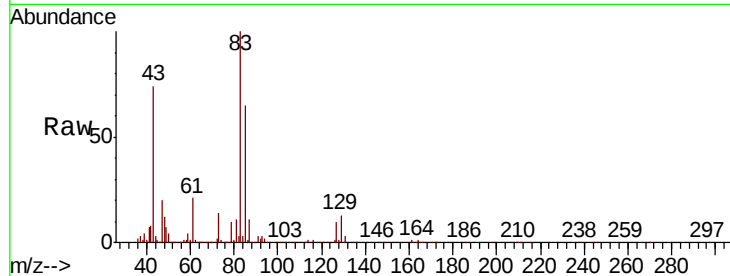
ClientSampleId :

VX1218WBS02

Tot Ion:	83	Resp:	133183
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.4	77.0
127	9.9	7.9	11.9

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#48

Methyl methacrylate

Concen: 21.292 ug/l

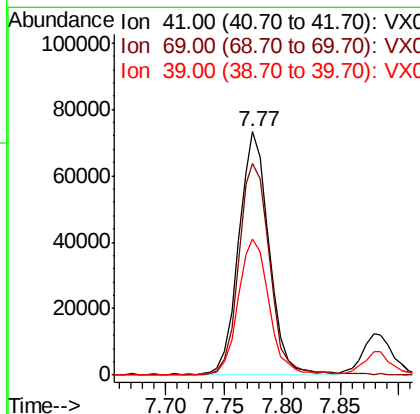
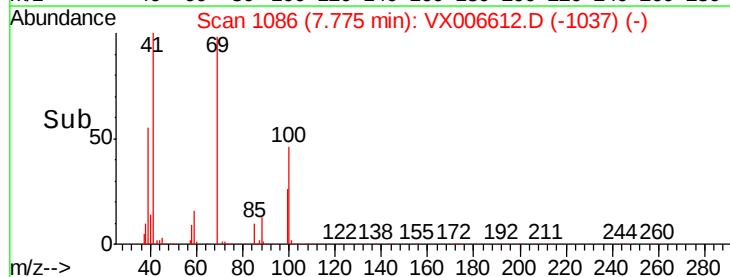
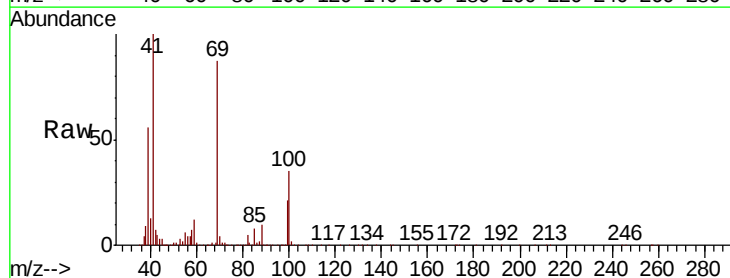
RT: 7.77 min Scan# 1086

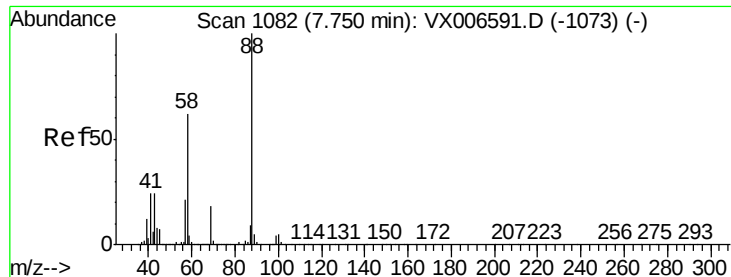
Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	41	Resp:	133384
Ion Ratio	Lower	Upper	
41	100		
69	88.8	70.3	105.5
39	56.3	45.3	67.9





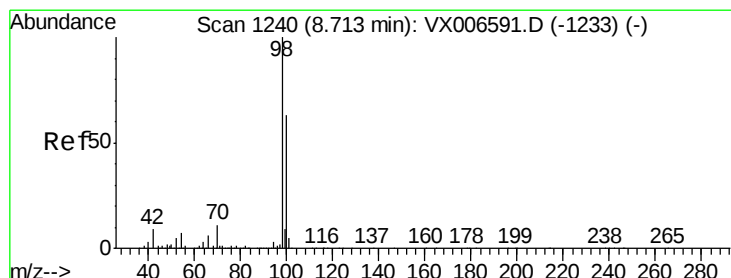
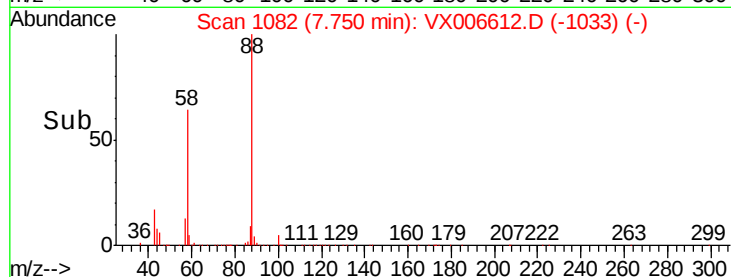
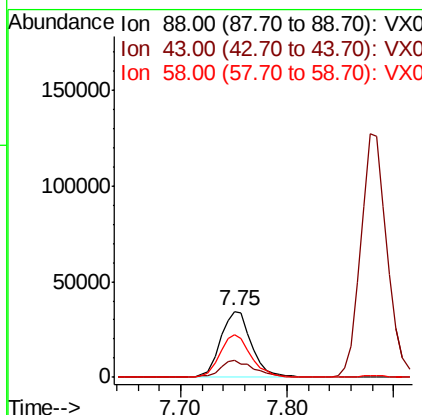
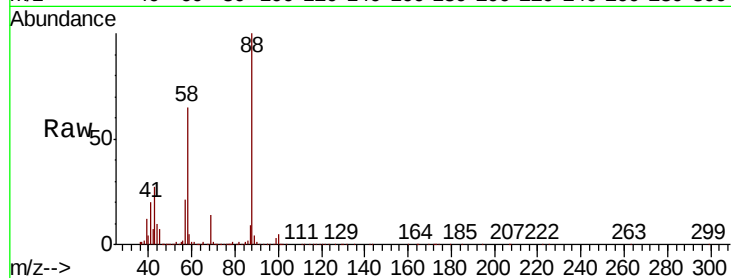
#49
1,4-Dioxane
Concen: 414.507 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.2	34.8
58	65.5	51.4	77.0

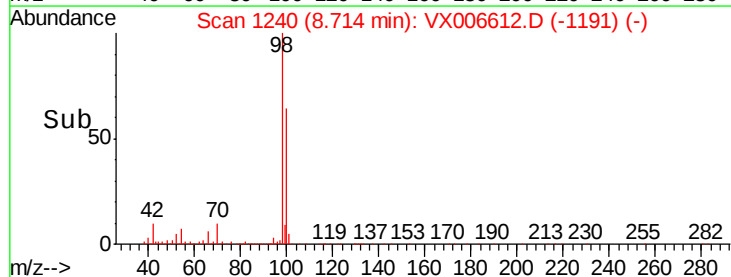
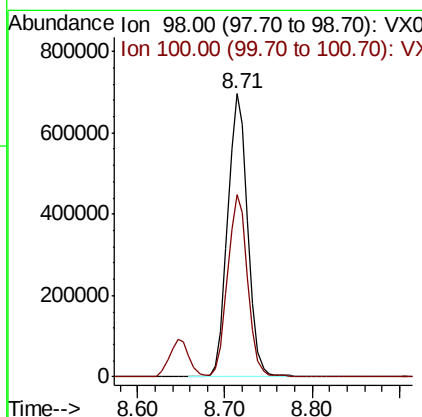
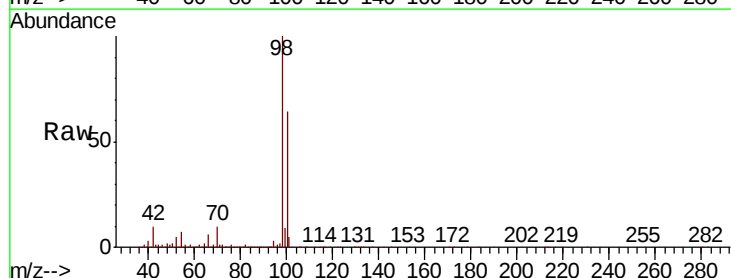
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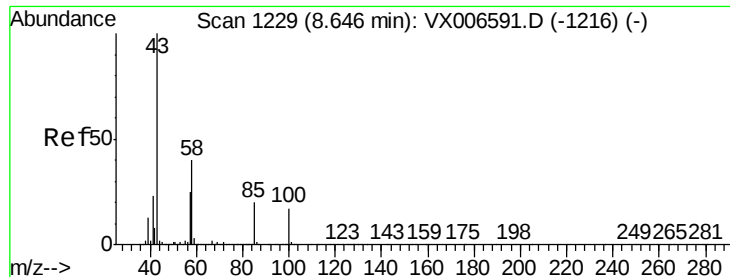
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#50
Toluene-d8
Concen: 49.334 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 106.456 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 43 Resp: 834431

Ion Ratio Lower Upper

43 100

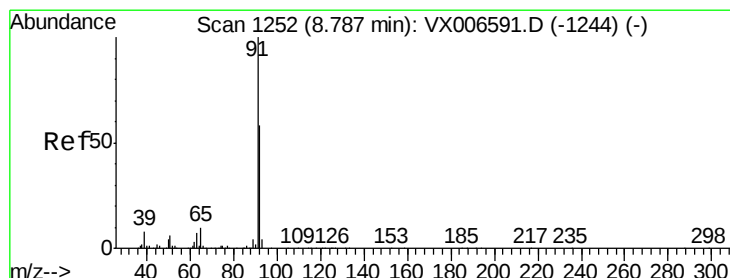
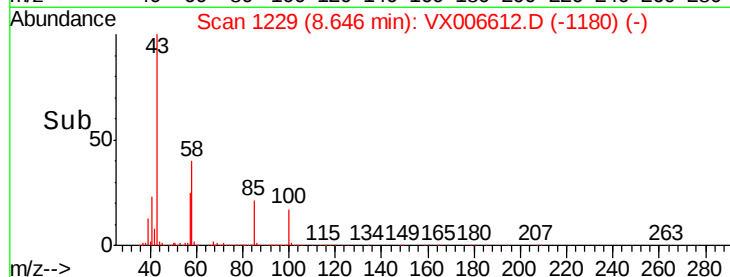
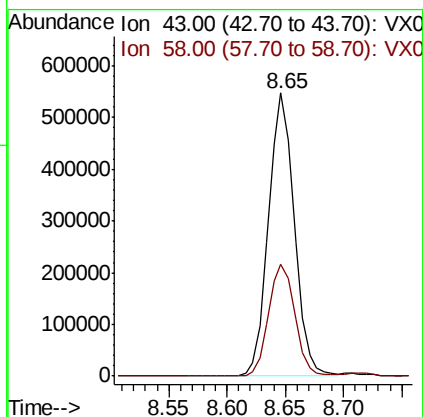
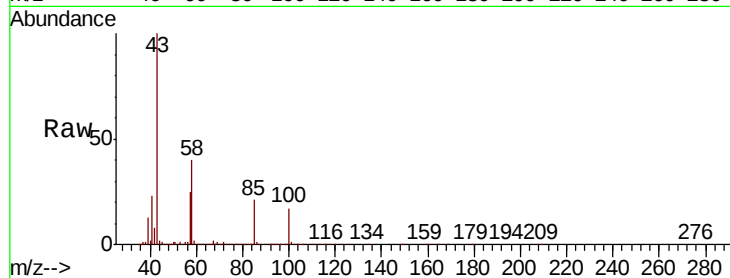
58 40.4 31.3 46.9

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#52

Toluene

Concen: 20.099 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006612.D

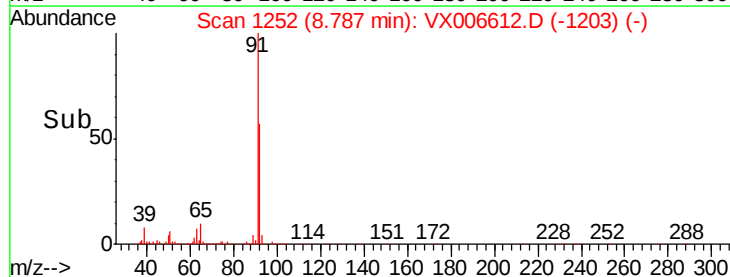
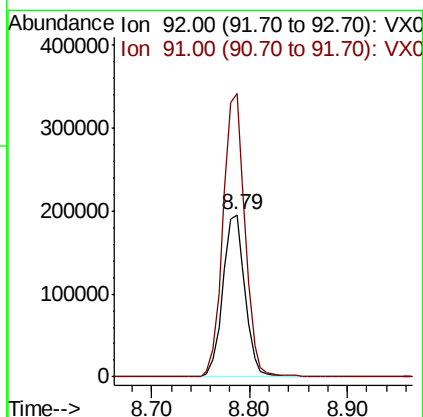
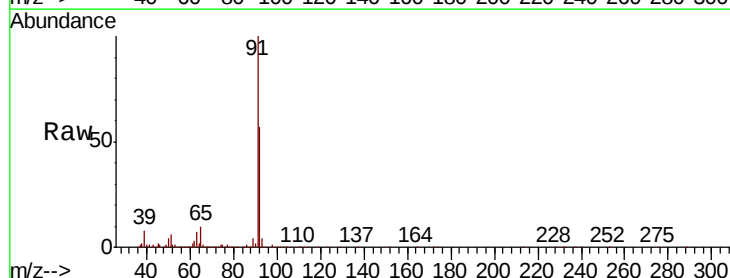
Acq: 18 Dec 2018 22:31

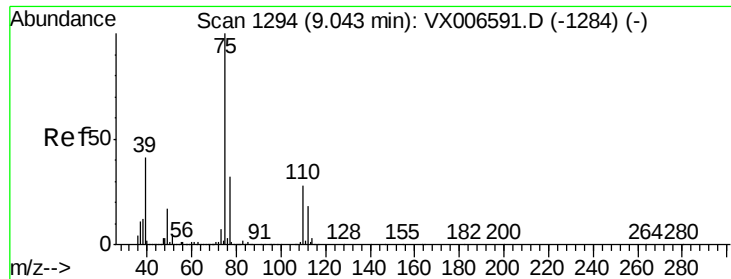
Tgt Ion: 92 Resp: 307029

Ion Ratio Lower Upper

92 100

91 173.9 139.2 208.8





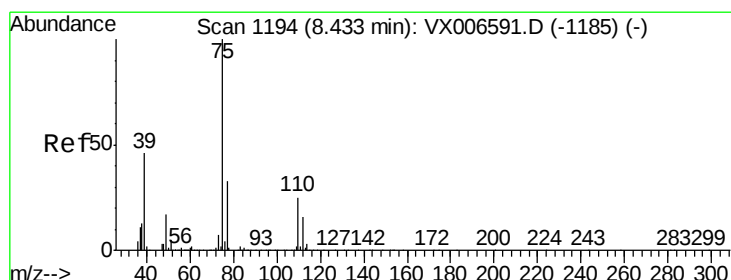
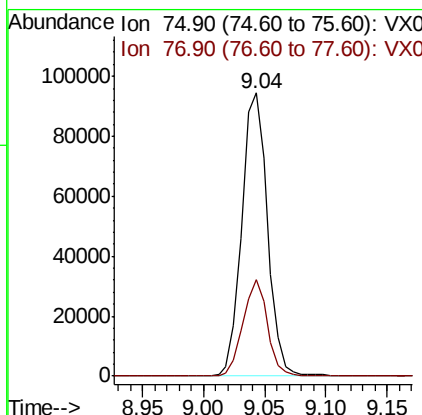
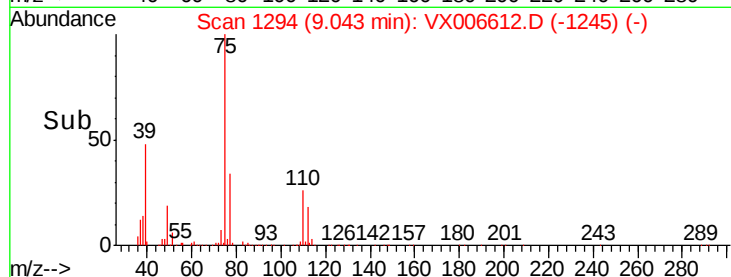
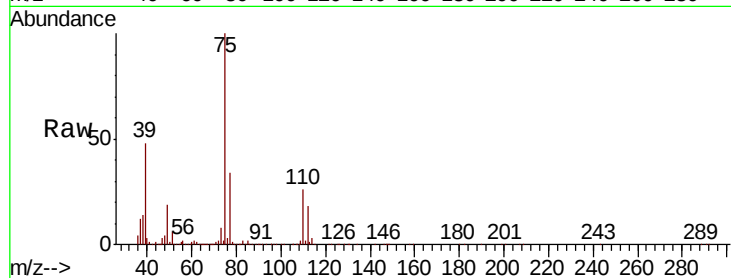
#53
t-1,3-Dichloropropene
Concen: 18.207 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.0	37.4

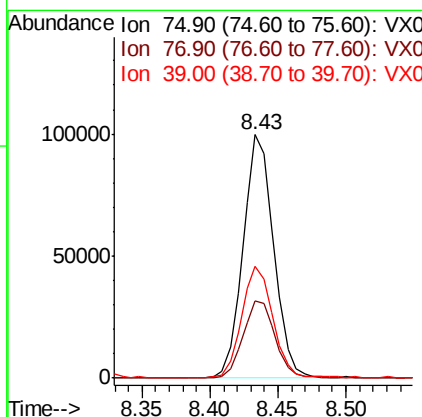
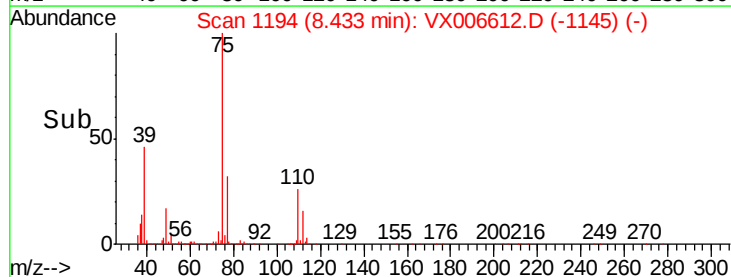
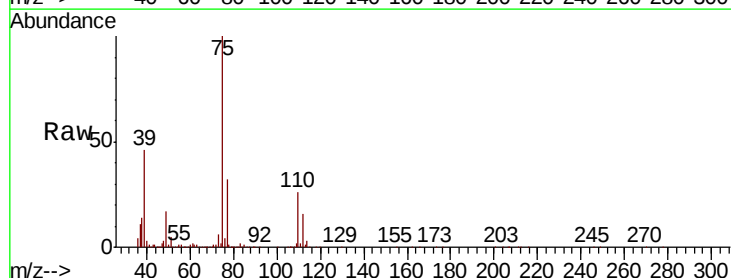
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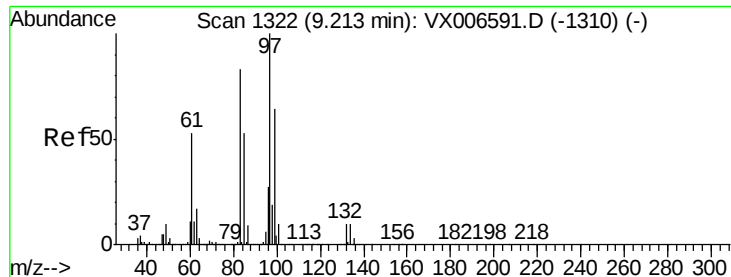
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#54
cis-1,3-Dichloropropene
Concen: 18.996 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4
39	45.7	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 20.232 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

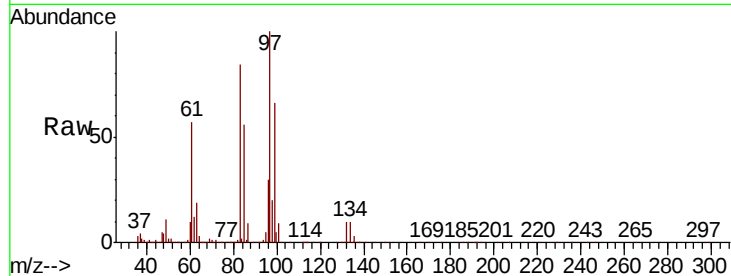
ClientSampleId :

VX1218WBS02

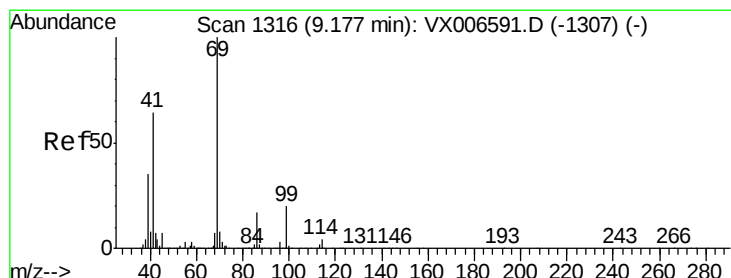
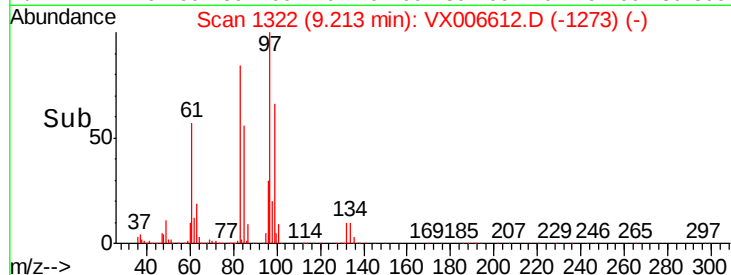
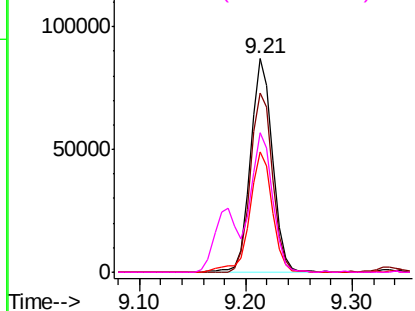
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		126502		
83	84.0	67.1	100.7		
85	56.2	43.2	64.8		
99	65.6	49.8	74.6		

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.898 ug/l

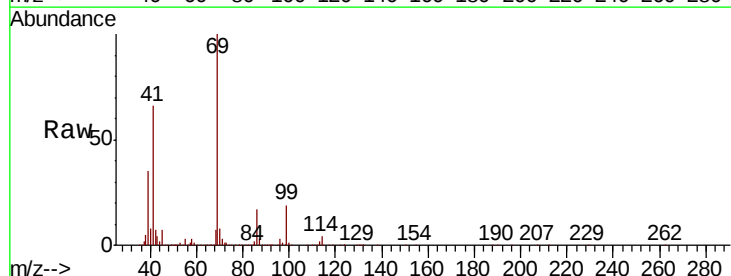
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

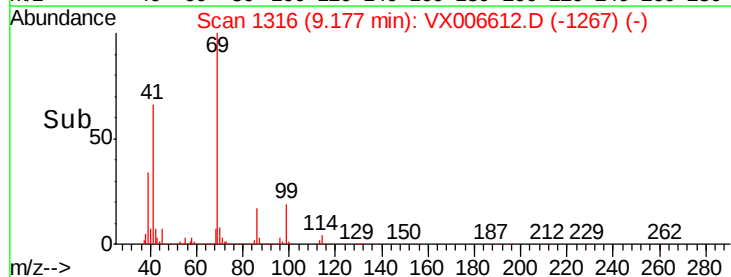
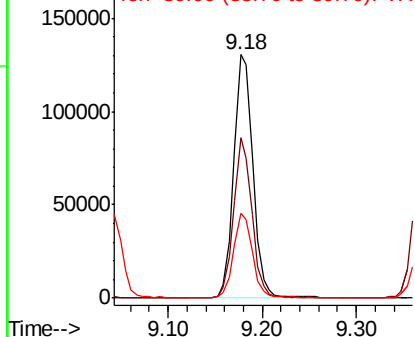
Lab File: VX006612.D

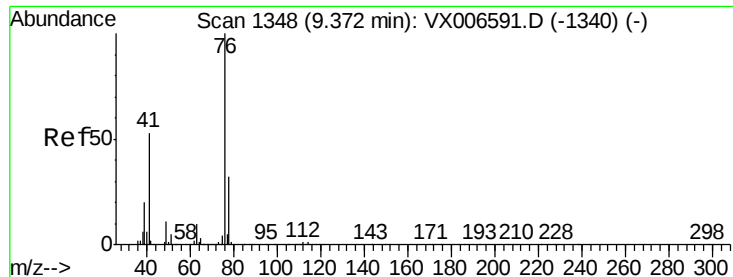
Acq: 18 Dec 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		184687		
41	61.8	50.6	76.0		
39	33.5	27.6	41.4		



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





#57

1,3-Dichloropropane

Concen: 20.227 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 76 Resp: 203485

Ion Ratio Lower Upper

76 100

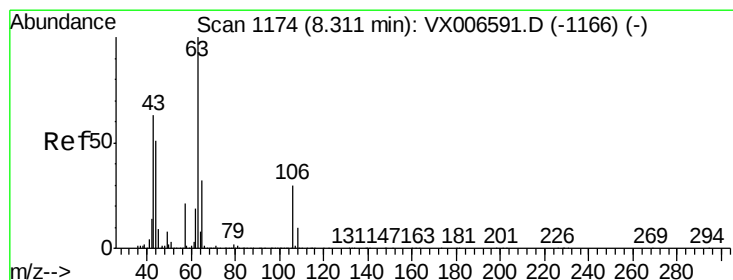
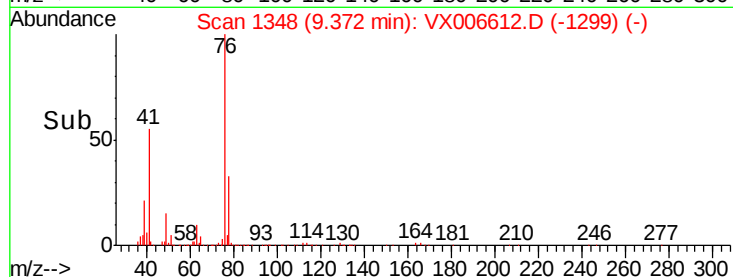
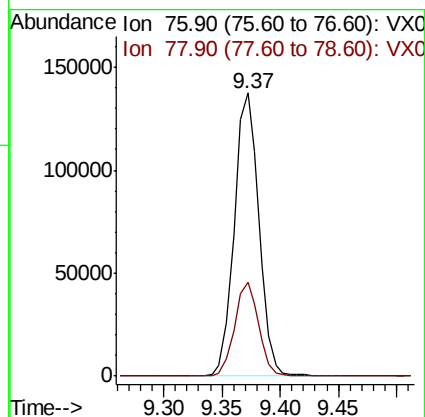
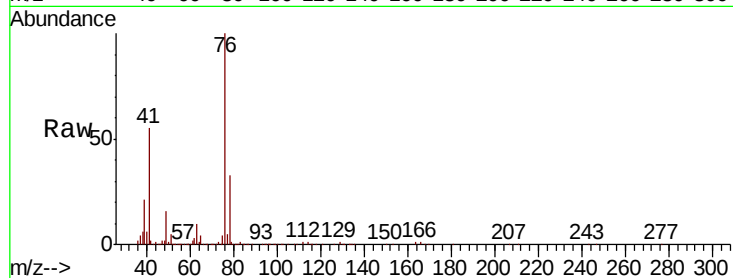
78 32.3 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 103.331 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006612.D

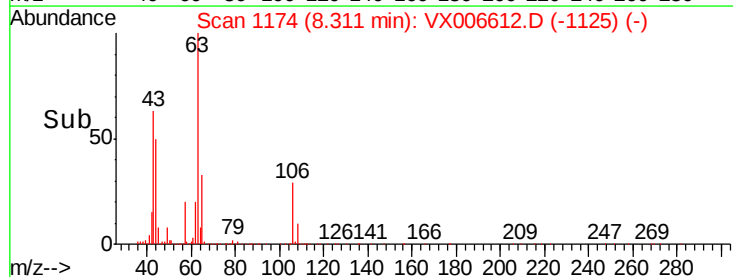
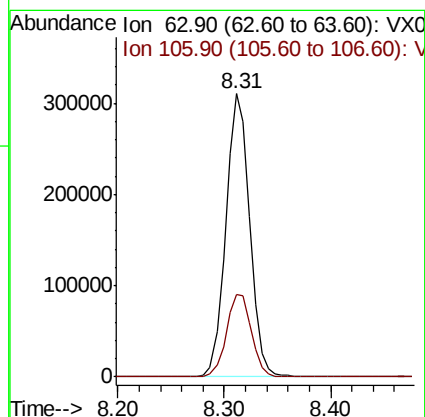
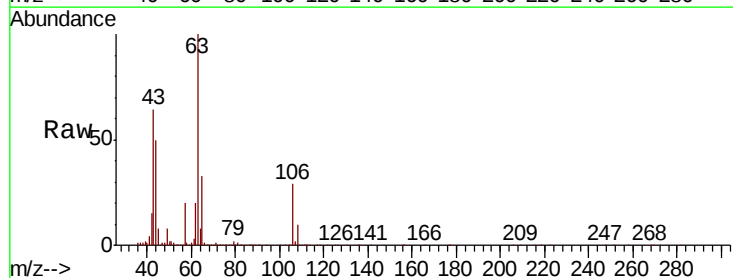
Acq: 18 Dec 2018 22:31

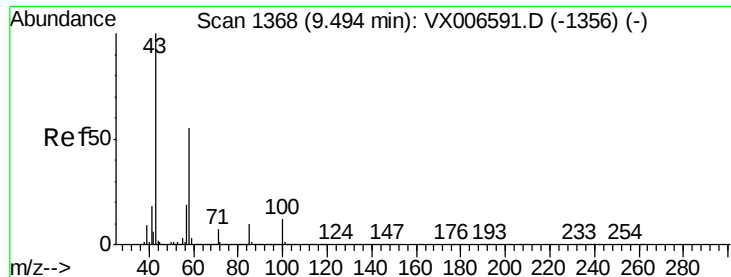
Tgt Ion: 63 Resp: 485416

Ion Ratio Lower Upper

63 100

106 30.9 24.9 37.3





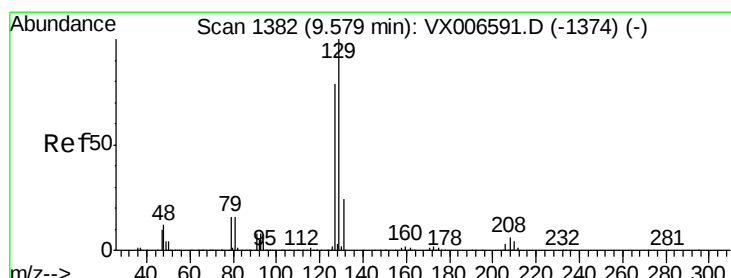
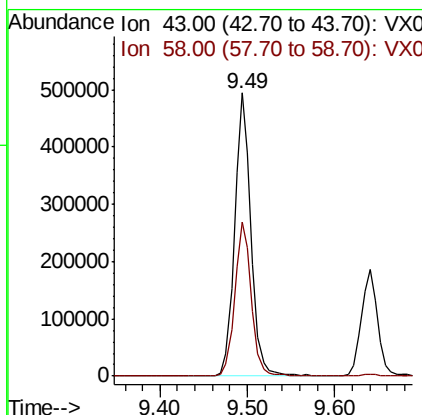
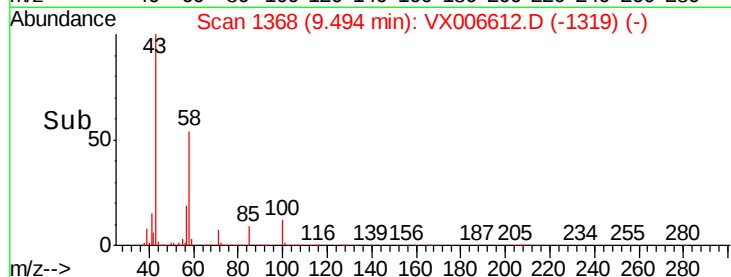
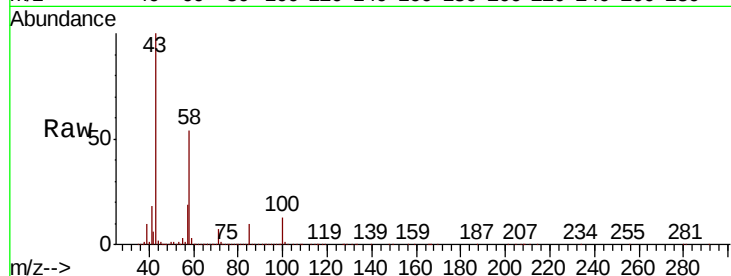
#59
2-Hexanone
Concen: 107.706 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion: 43 Resp: 645940
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

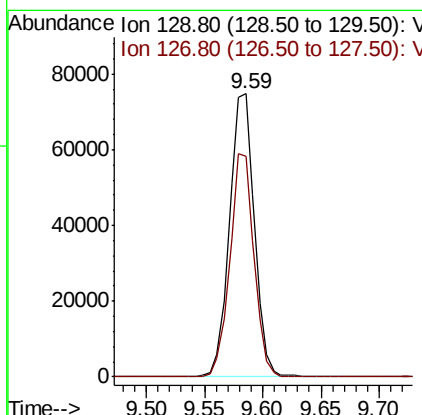
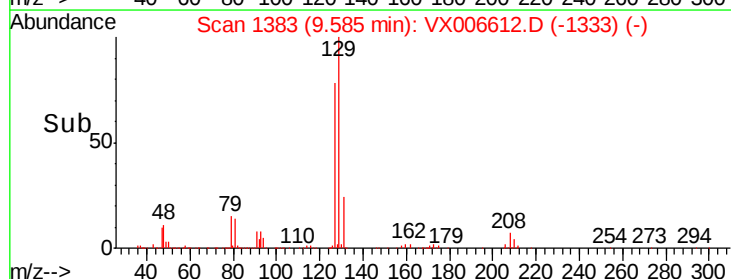
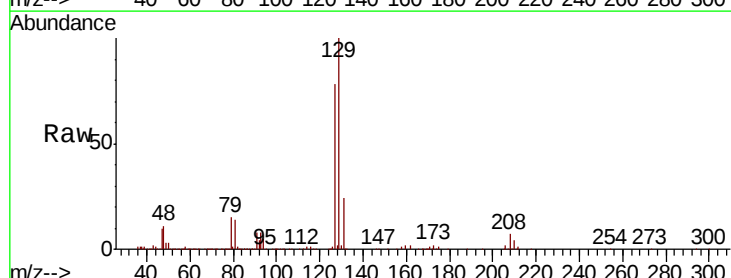
Manual Integrations
APPROVED

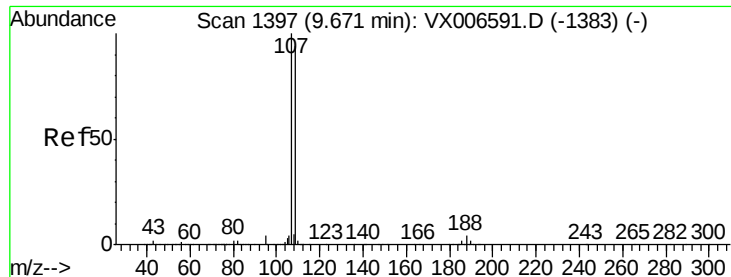
MMDadoda
12/19/2018 11:22:49 AM



#60
Dibromochloromethane
Concen: 18.577 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion: 129 Resp: 111469
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.179 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 107 Resp: 134128

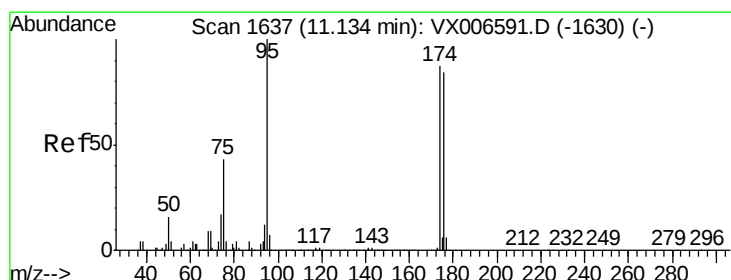
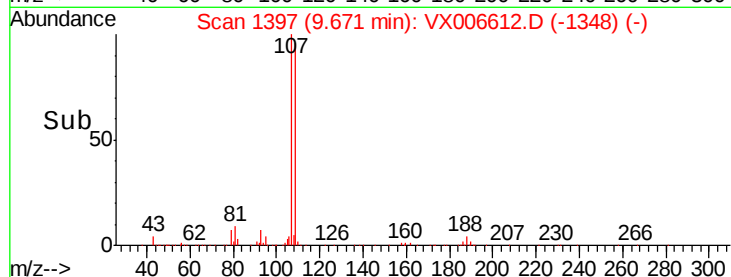
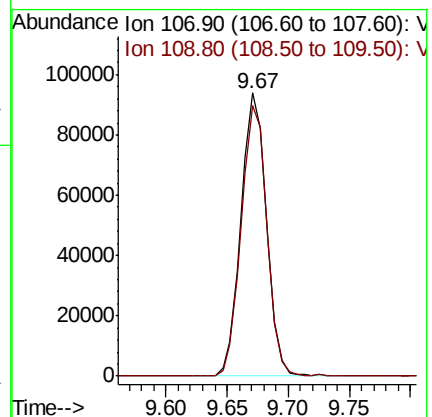
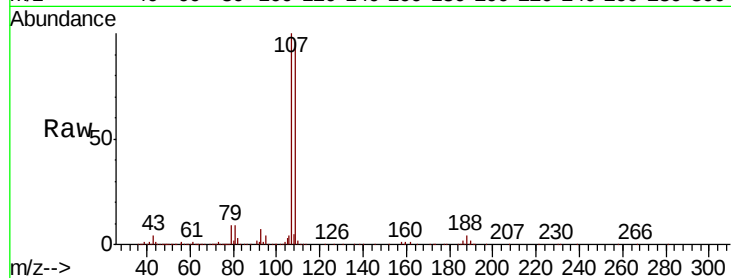
Ion Ratio Lower Upper

107 100

109 96.7 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:49 AM



#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

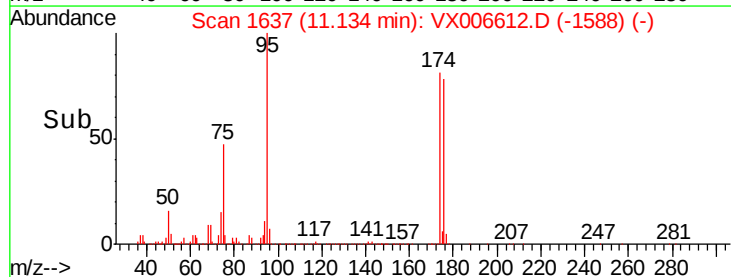
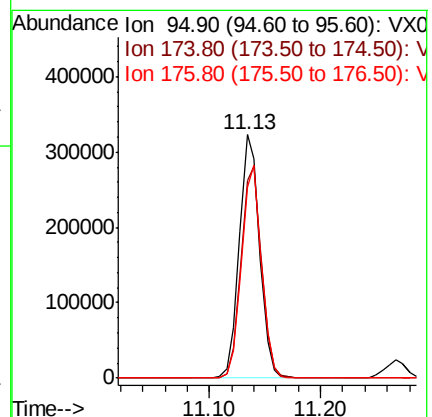
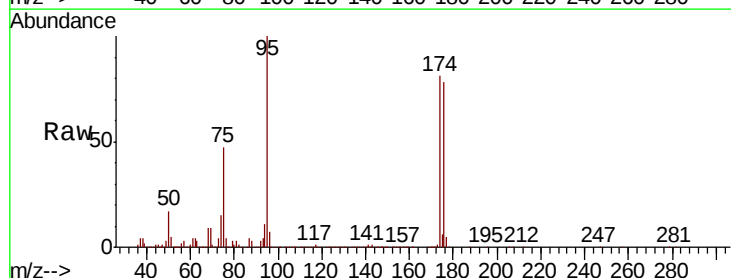
Tgt Ion: 95 Resp: 407054

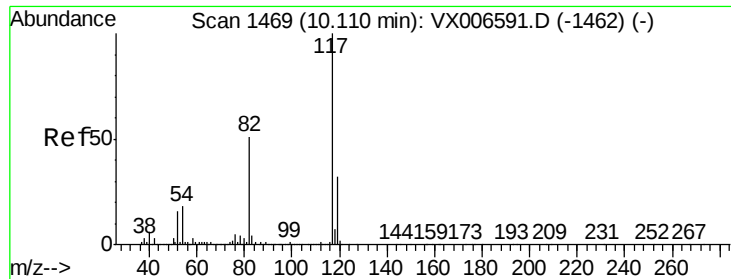
Ion Ratio Lower Upper

95 100

174 88.3 0.0 187.0

176 85.8 0.0 181.8





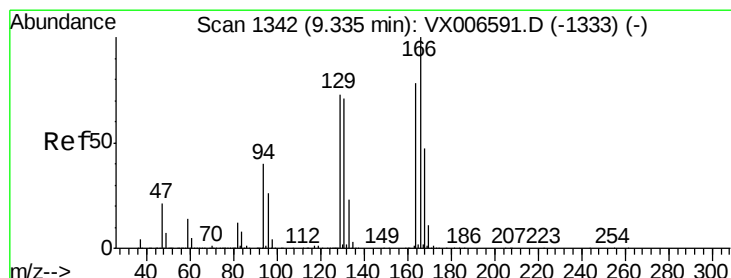
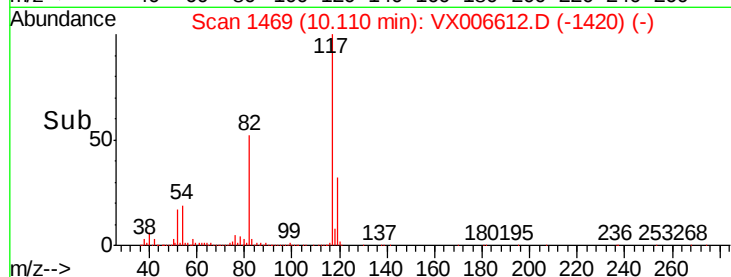
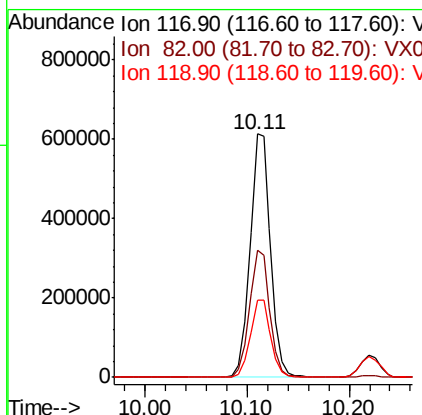
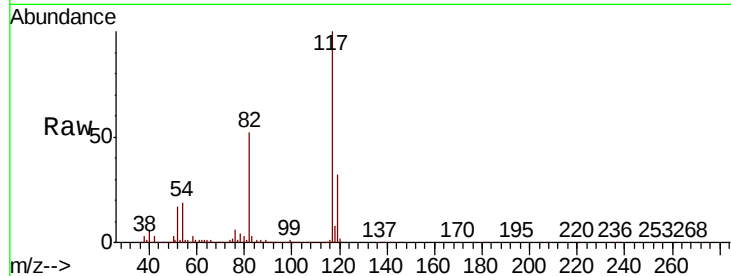
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	39.6	59.4
119	31.5	26.3	39.5

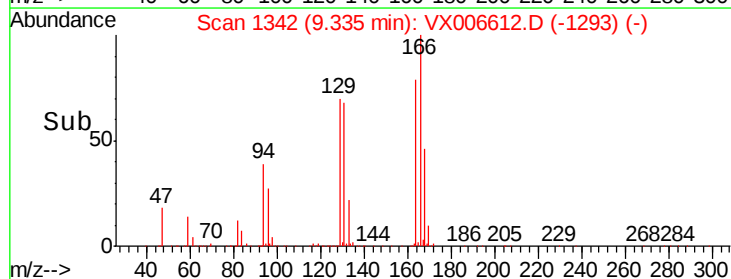
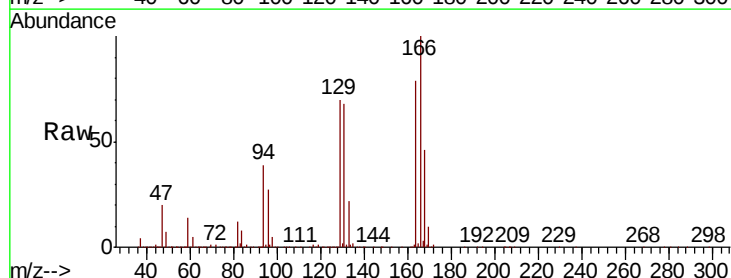
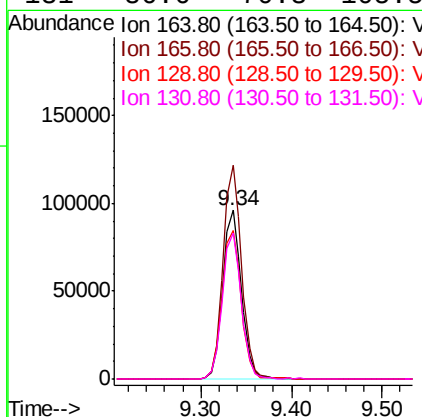
Manual Integrations
APPROVED

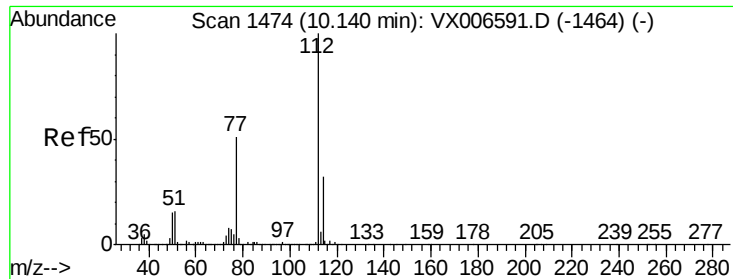
MMDadoda
12/19/2018 11:22:49 AM



#64
Tetrachloroethene
Concen: 20.366 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.2	156.2
129	88.3	72.6	108.8
131	86.6	70.3	105.5





#65

Chlorobenzene

Concen: 19.764 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion:112 Resp: 359078

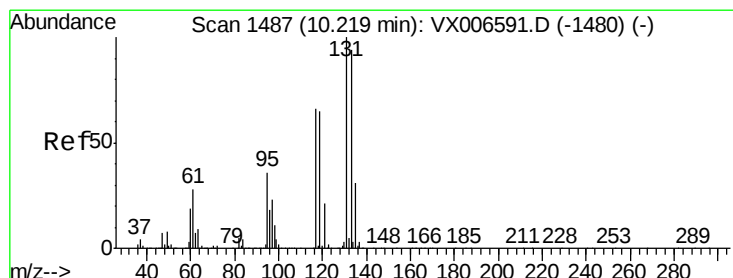
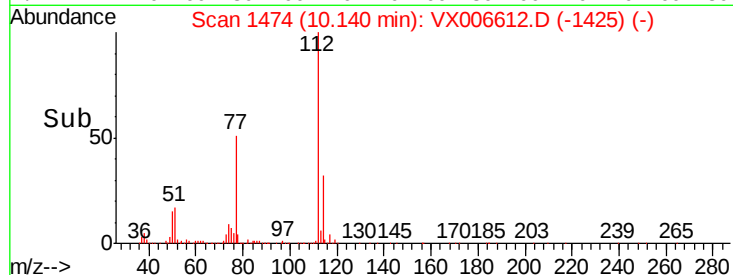
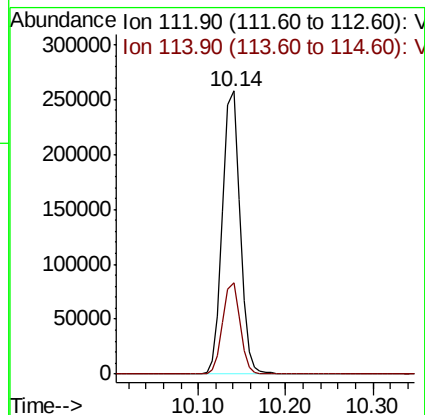
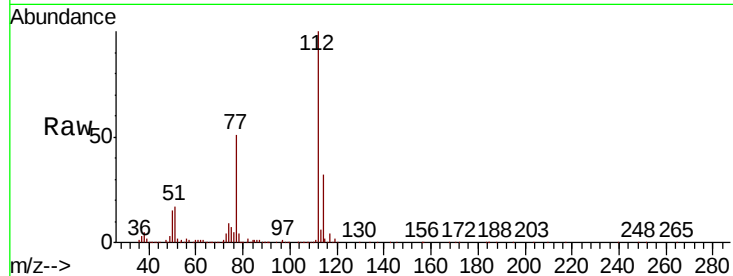
Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

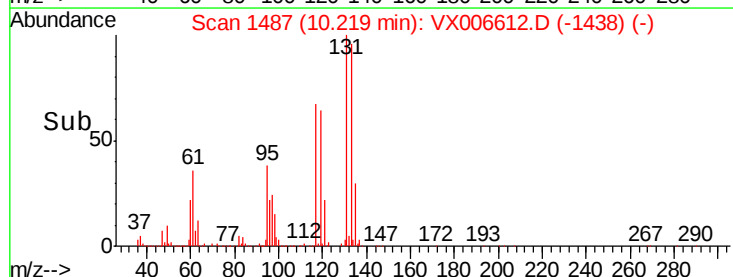
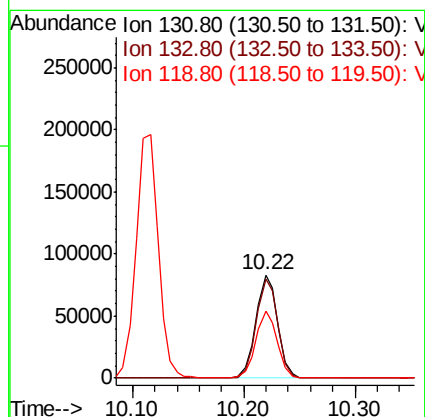
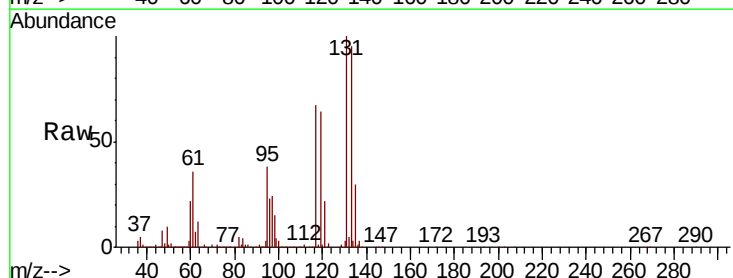
Tgt Ion:131 Resp: 113207

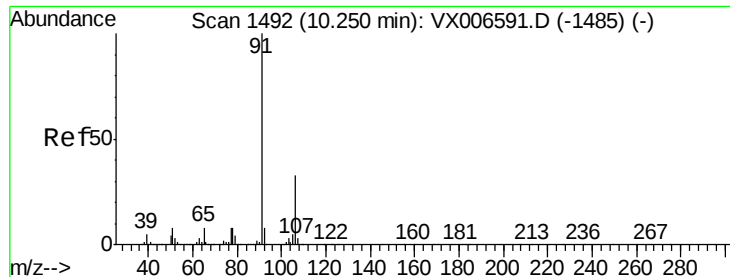
Ion Ratio Lower Upper

131 100

133 95.0 48.1 144.4

119 64.5 32.1 96.3





#67

Ethyl Benzene

Concen: 19.694 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 91 Resp: 584679

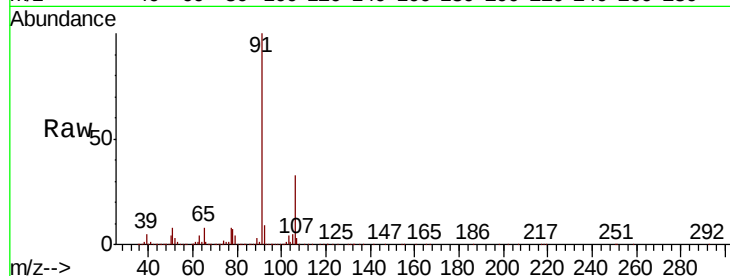
Ion Ratio Lower Upper

91 100

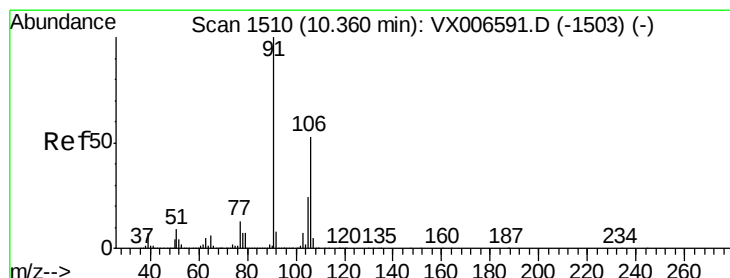
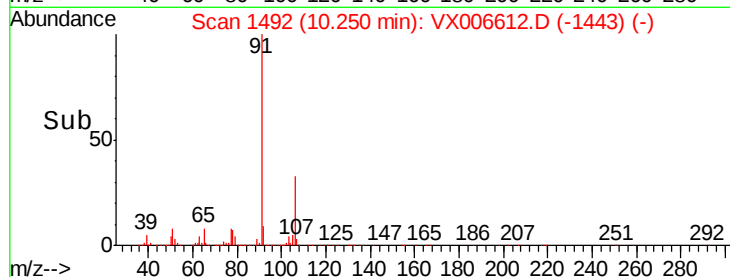
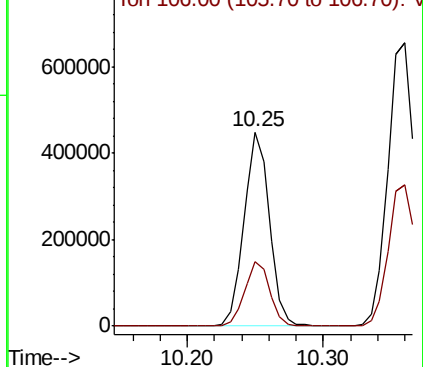
106 33.5 26.5 39.7

Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX006612.D (-1443) (-)



#68

m/p-Xylenes

Concen: 39.333 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006612.D

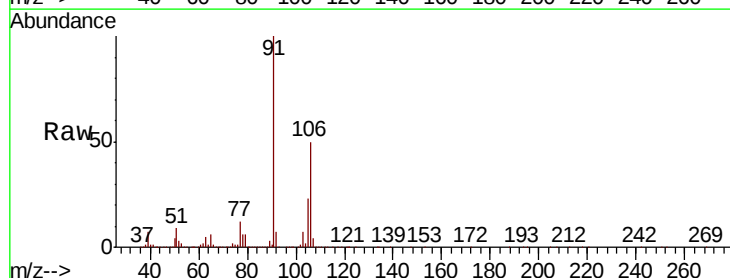
Acq: 18 Dec 2018 22:31

Tgt Ion: 106 Resp: 460766

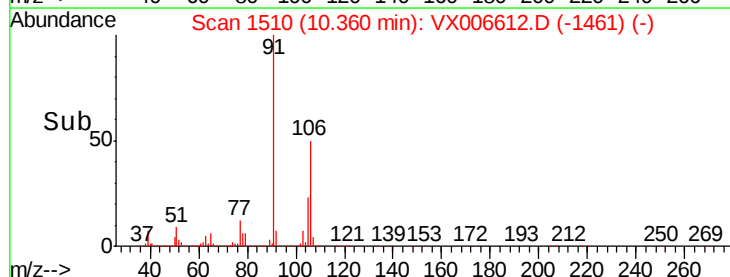
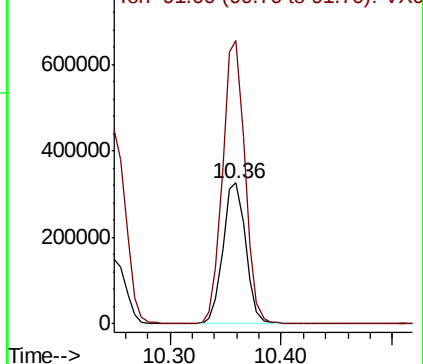
Ion Ratio Lower Upper

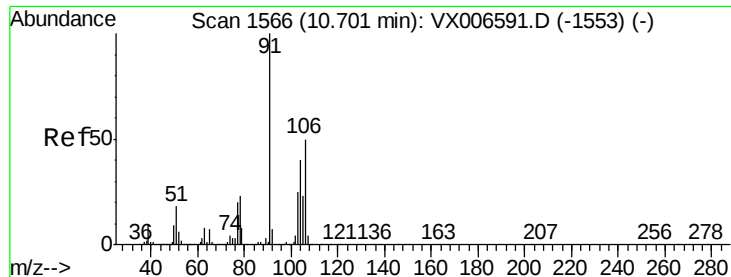
106 100

91 198.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VX006612.D (-1461) (-)





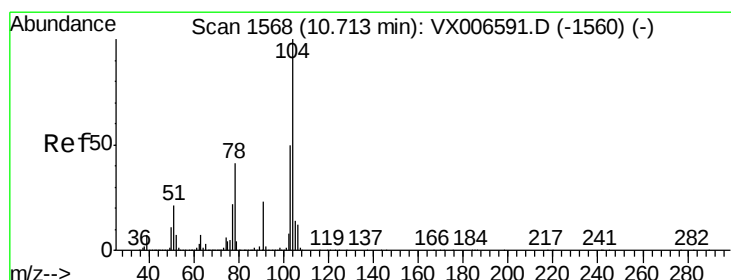
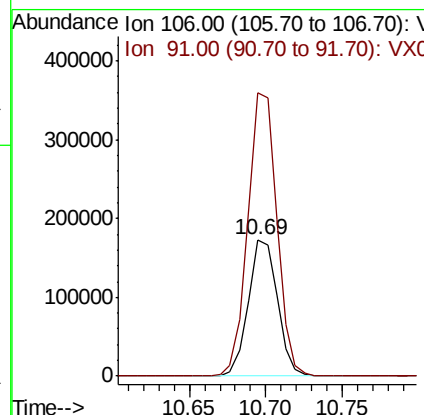
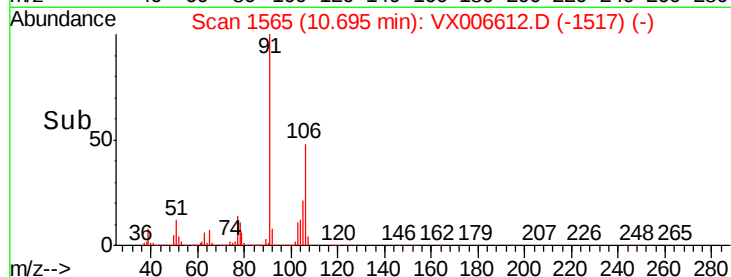
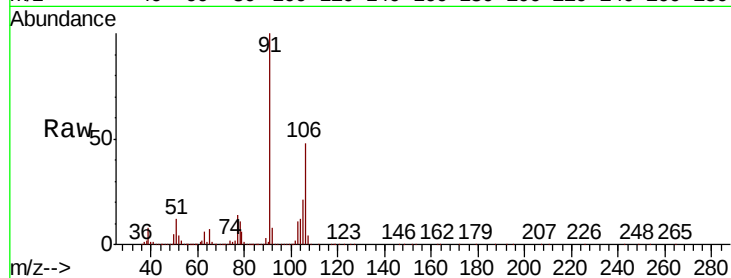
#69
o-Xylene
Concen: 19.851 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.3	101.8	305.6	

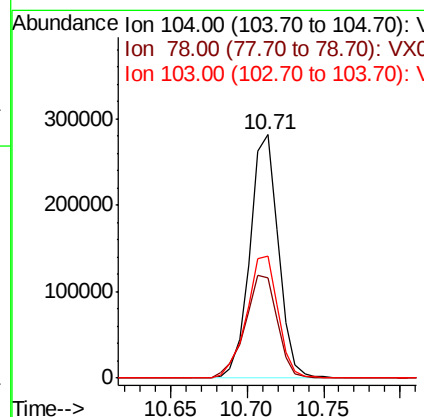
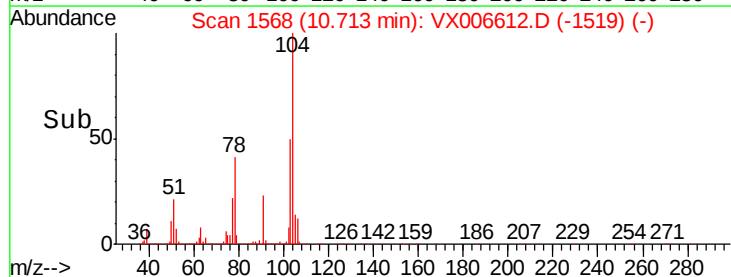
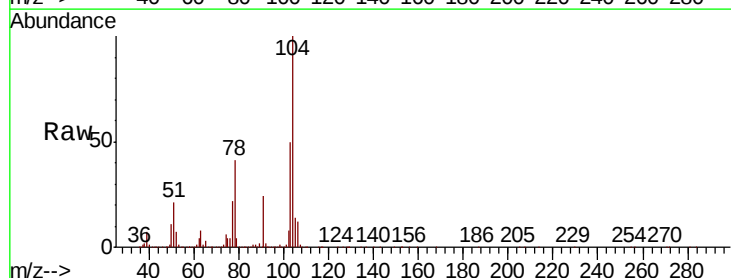
Manual Integrations
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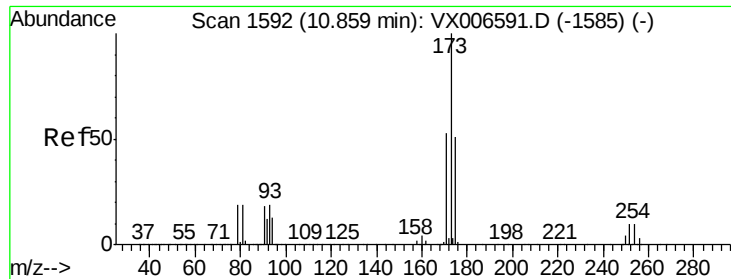
MMDadoda
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#70
Styrene
Concen: 19.918 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.9	37.2	55.8	
103	55.4	43.5	65.3	





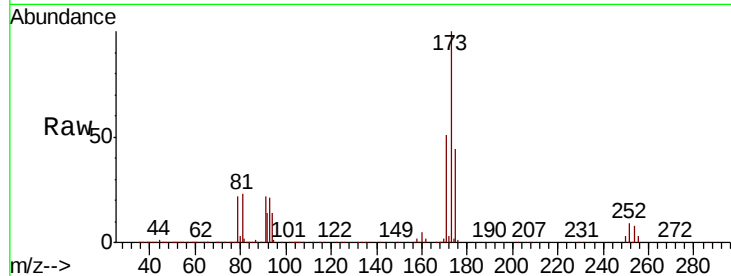
#71
Bromoform
Concen: 18.100 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.8
254	0.1	0.2	0.2#

Manual Integrations
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MMDadoda
12/19/2018 11:22:49 AM

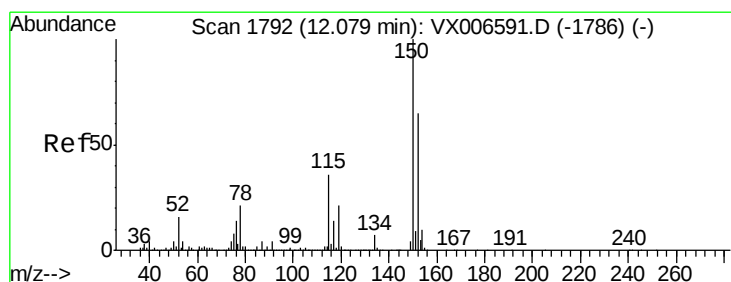
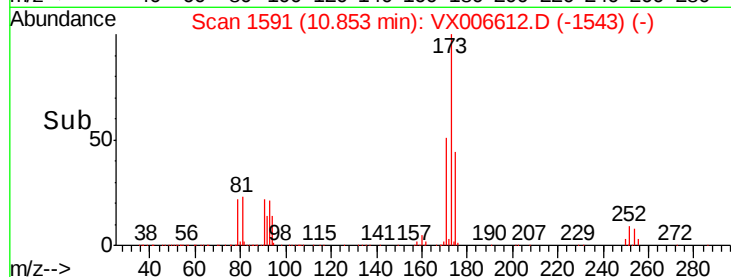
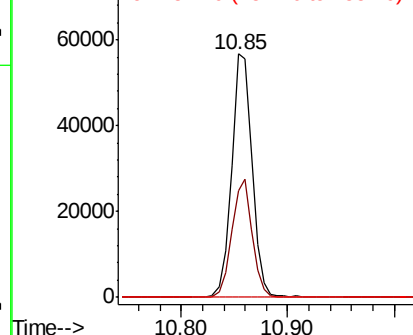


Abundance

Ion 172.70 (172.40 to 173.40): V

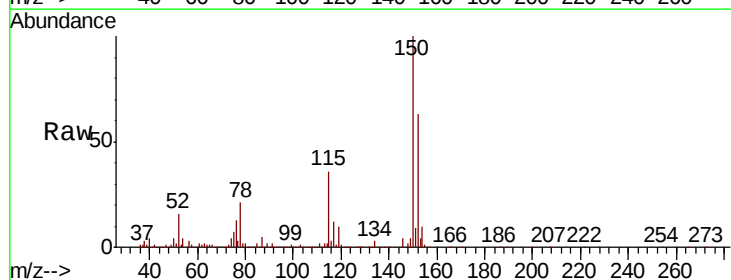
Ion 174.70 (174.40 to 175.40): V

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: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	39.0	116.9
150	165.5	0.0	345.8

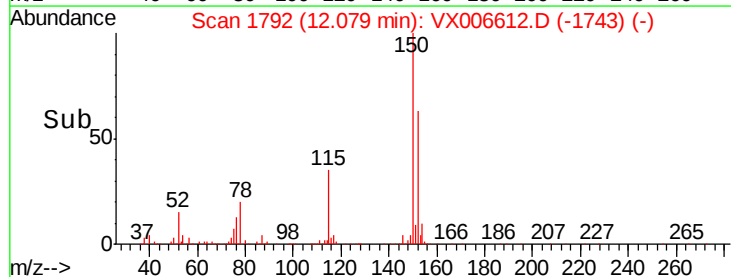
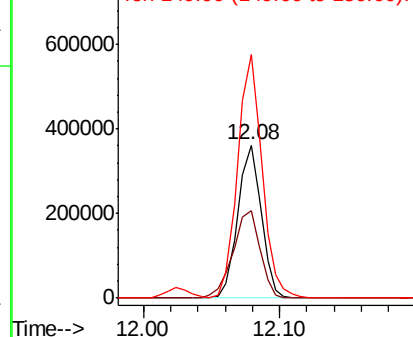


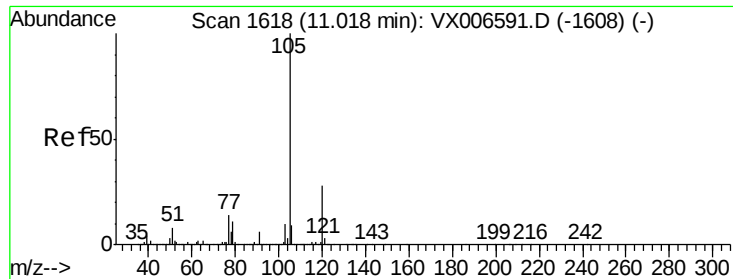
Abundance

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: 20.395 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 105 Resp: 607291

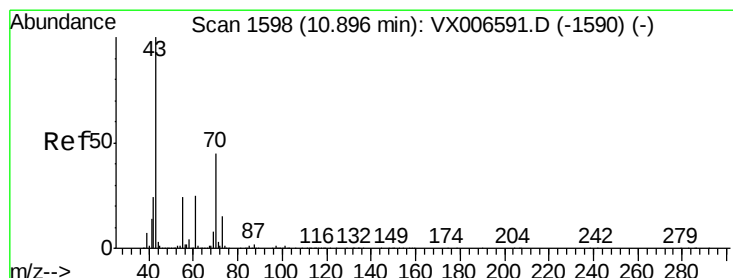
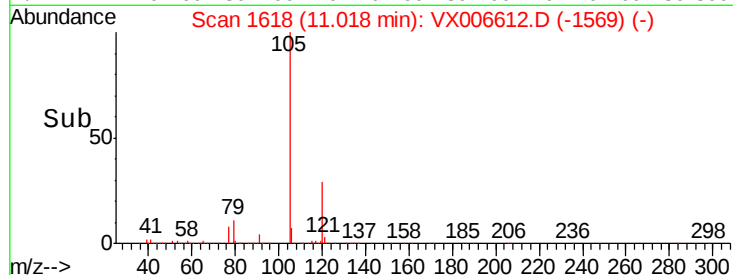
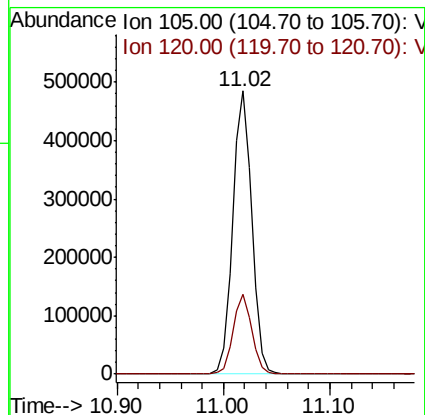
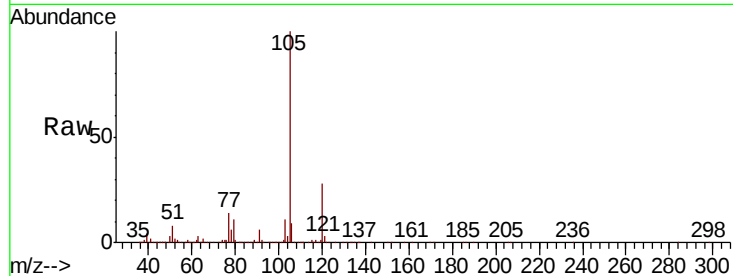
Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.944 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion: 43 Resp: 223225

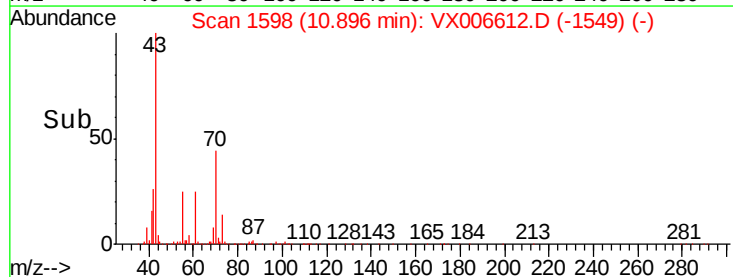
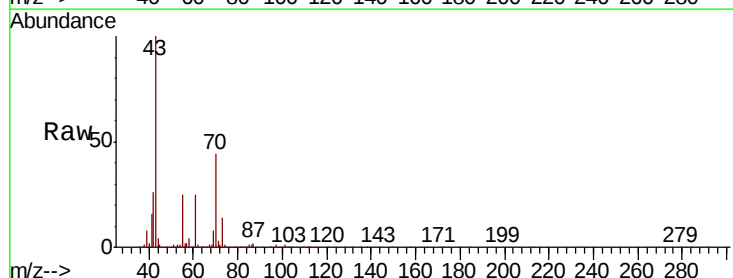
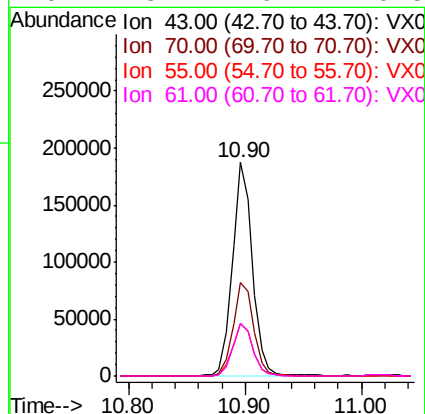
Ion Ratio Lower Upper

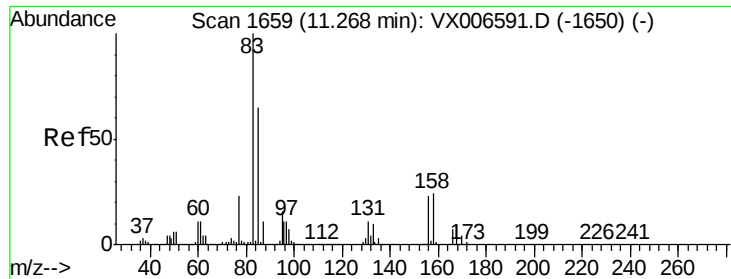
43 100

70 45.3 34.1 51.1

55 25.6 17.8 26.8

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.771 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

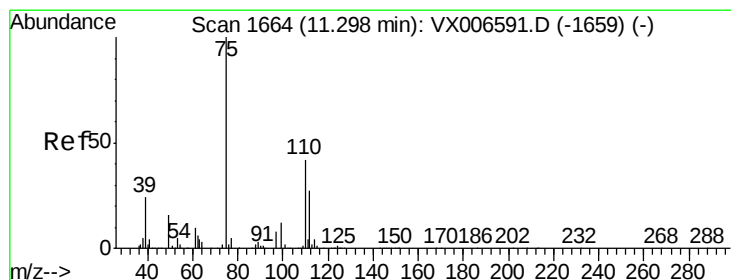
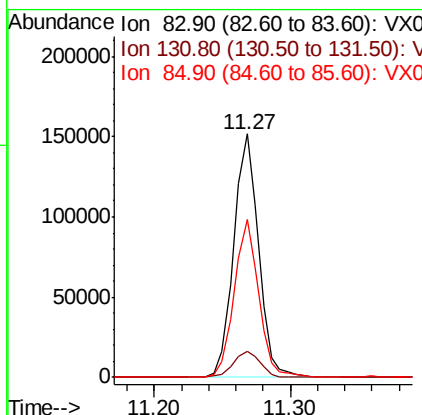
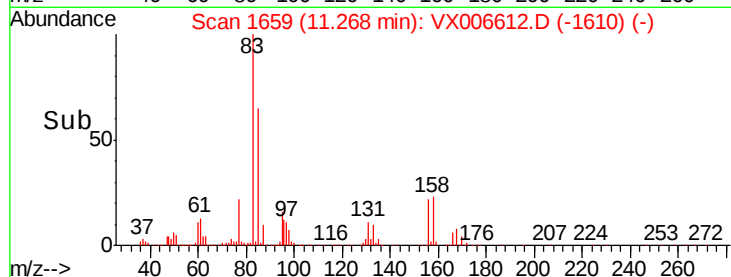
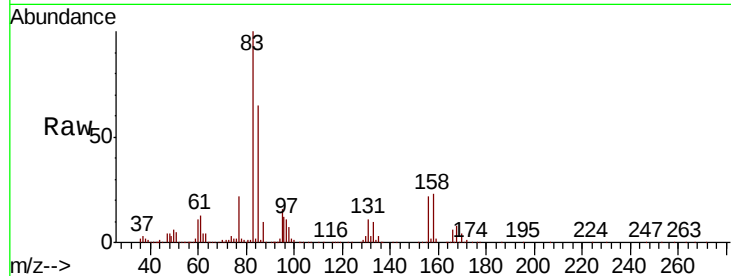
ClientSampleId :

VX1218WBS02

Tot Ion:	83	Resp:	192801
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	64.3	32.1	96.5

Manual Integrations
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12/19/2018 11:22:49 AM



#76

1,2,3-Trichloropropane

Concen: 22.831 ug/l m

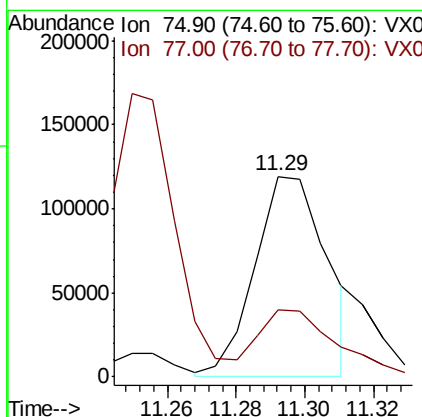
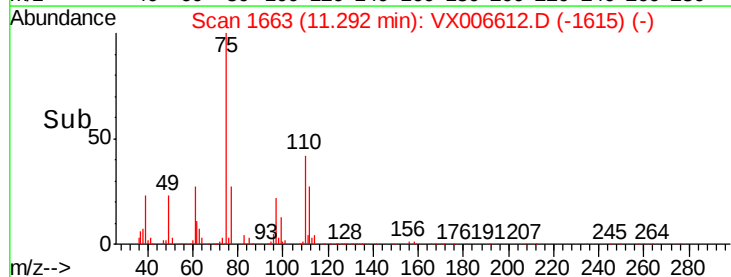
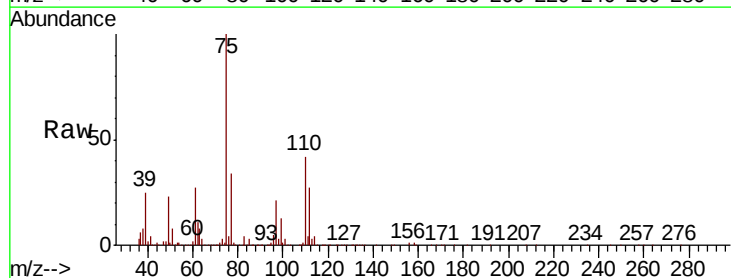
RT: 11.29 min Scan# 1663

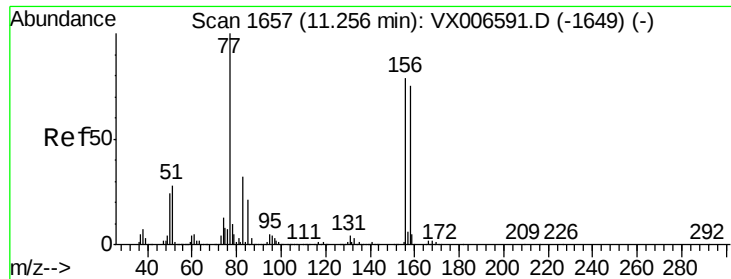
Delta R.T. -0.01 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	75	Resp:	174169
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.9	59.7





#77

Bromobenzene

Concen: 20.201 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

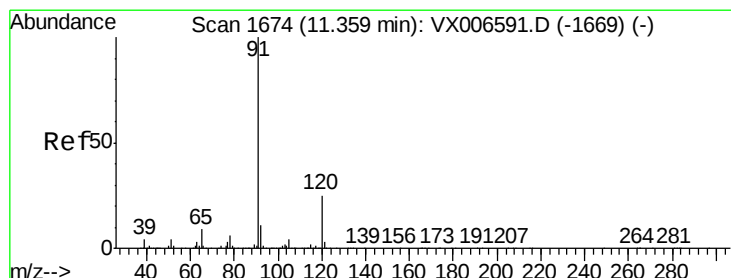
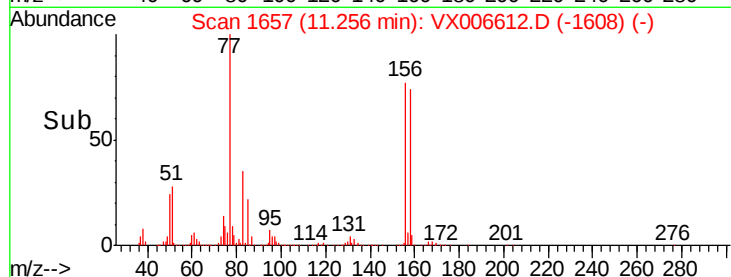
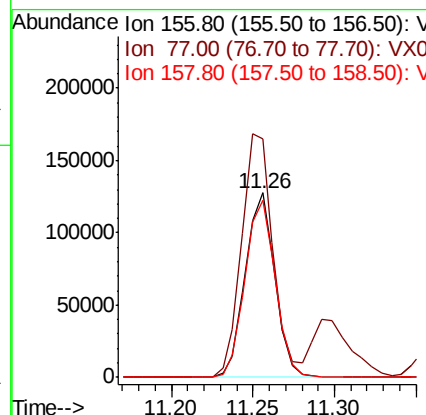
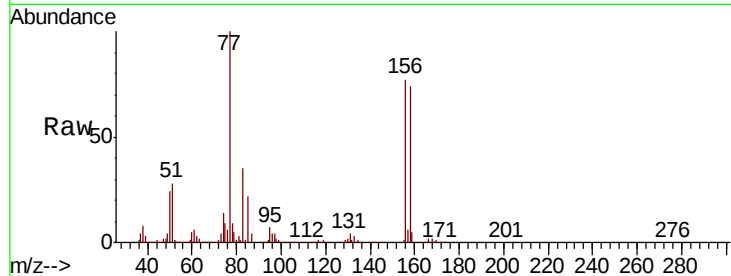
ClientSampleId :

VX1218WBS02

Tot Ion:	156	Resp:	162622
Ion Ratio	Lower	Upper	
156	100		
77	139.6	66.2	198.6
158	98.4	48.8	146.4

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#78

n-propylbenzene

Concen: 20.092 ug/l

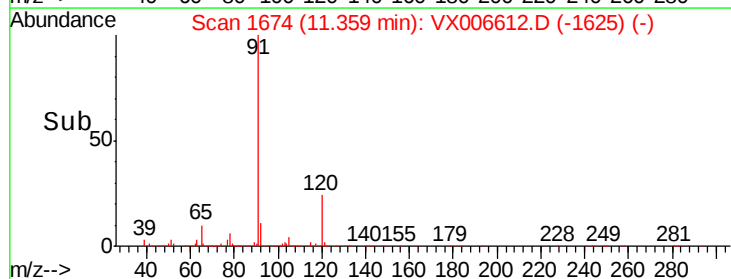
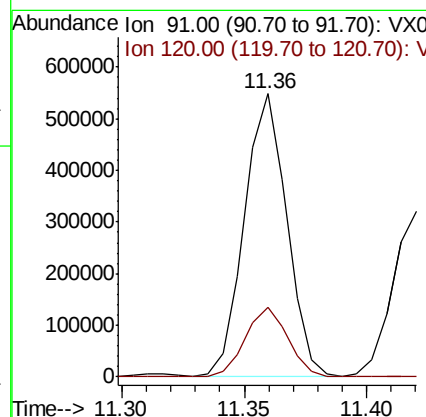
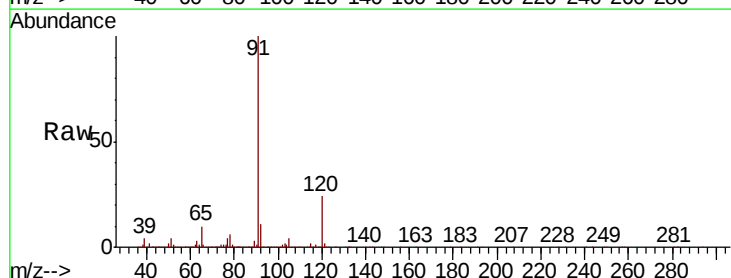
RT: 11.36 min Scan# 1674

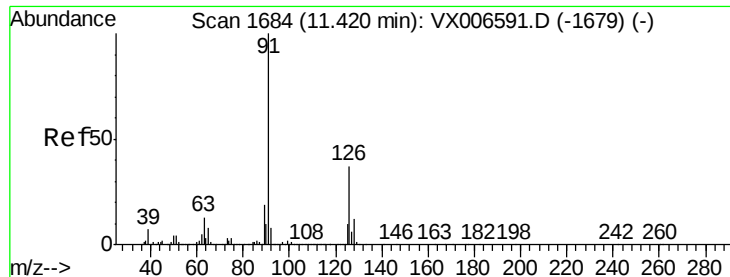
Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	91	Resp:	658818
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.073 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion: 91 Resp: 398866

Ion Ratio Lower Upper

91 100

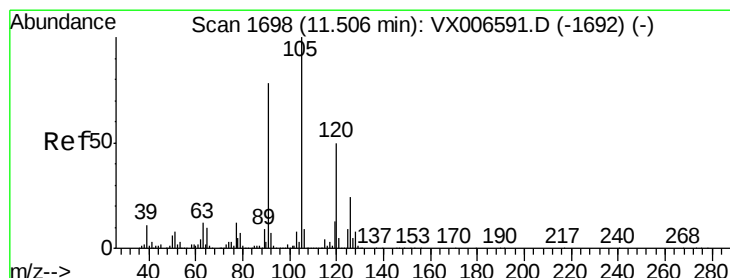
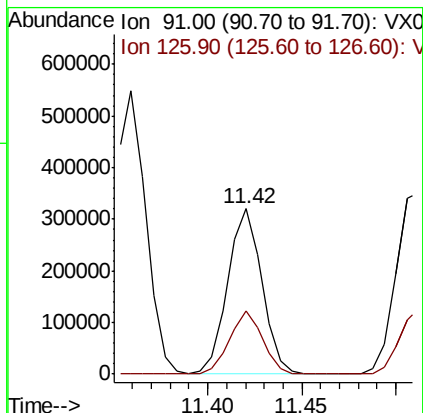
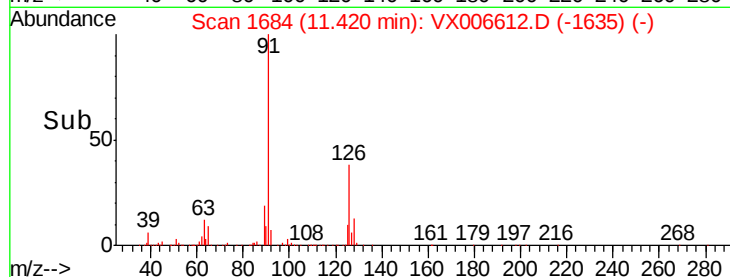
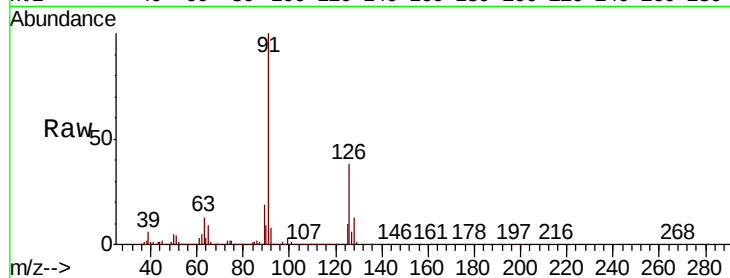
126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.550 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006612.D

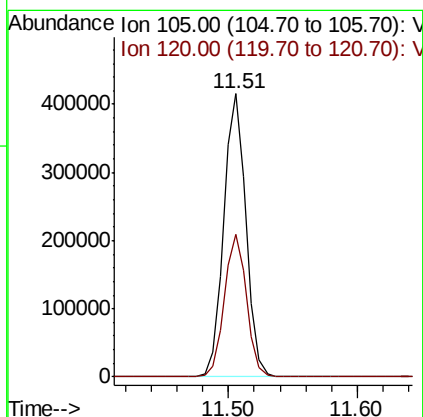
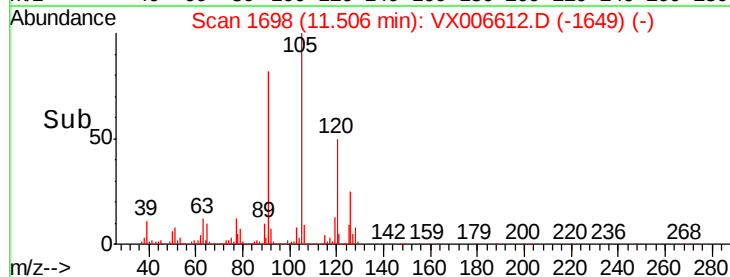
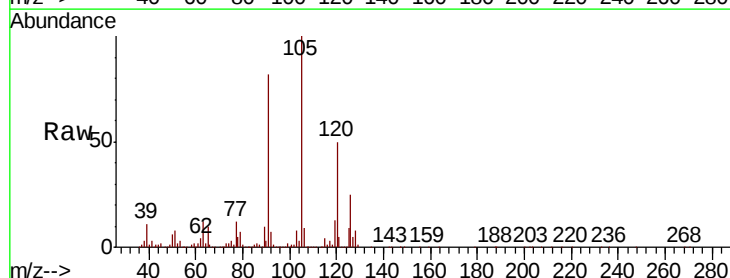
Acq: 18 Dec 2018 22:31

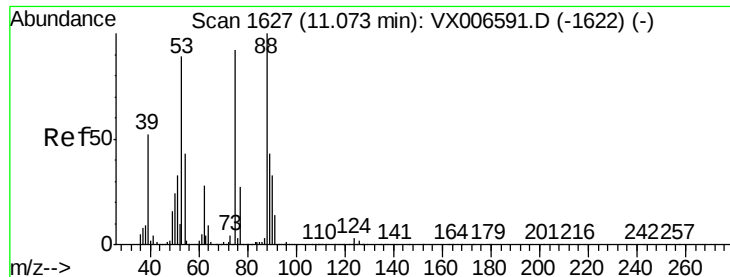
Tgt Ion: 105 Resp: 504020

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0





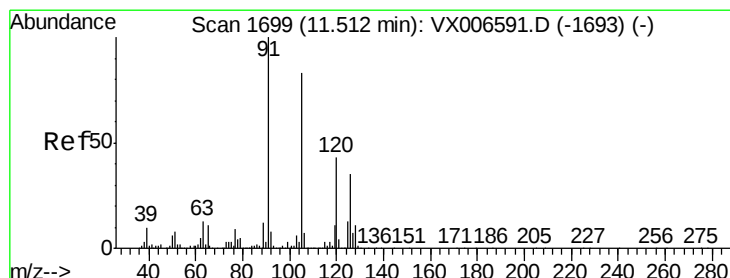
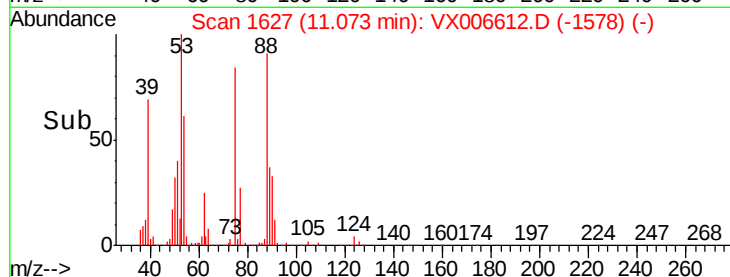
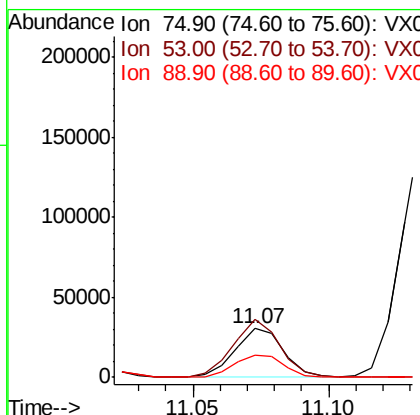
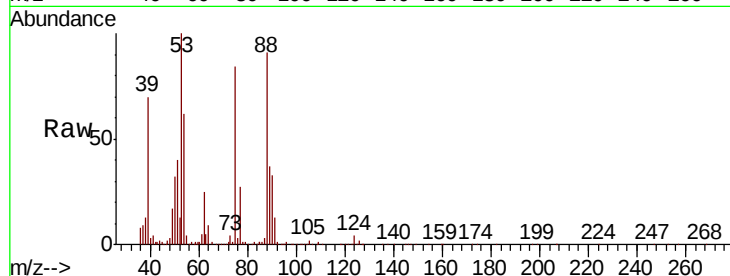
#81
trans-1,4-Dichloro-2-butene
Concen: 17.100 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	64.4	96.6#
89	47.3	44.2	66.4

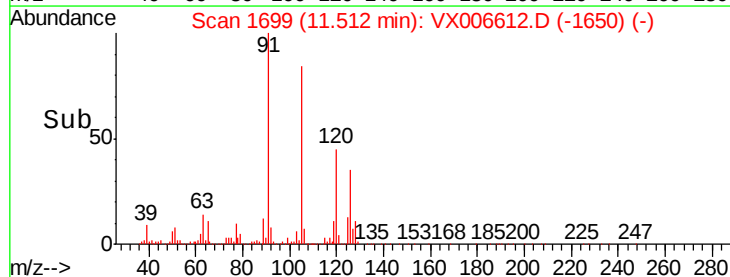
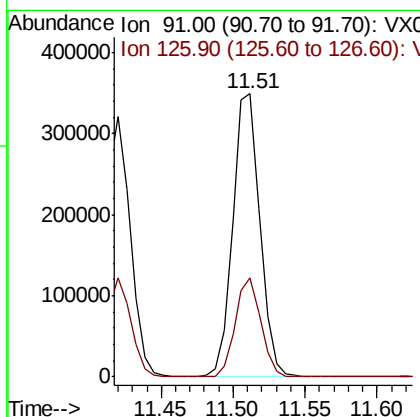
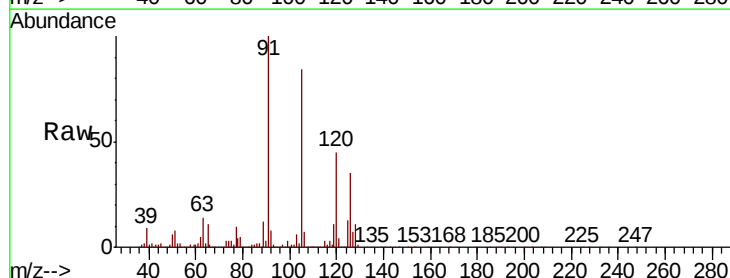
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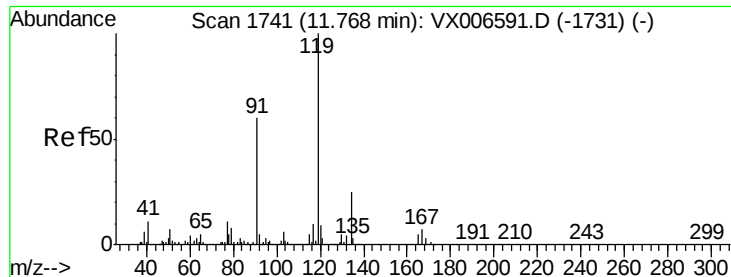
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#82
4-Chlorotoluene
Concen: 20.158 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.247 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

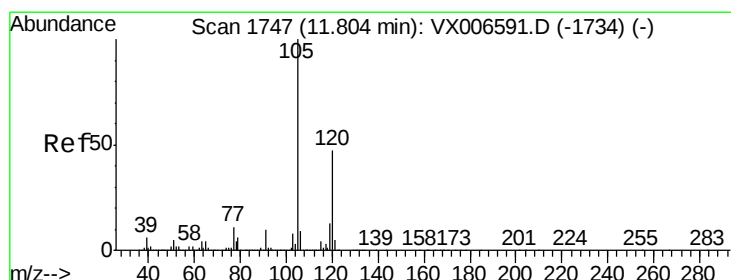
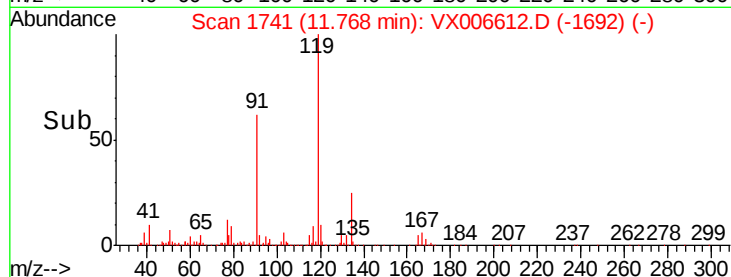
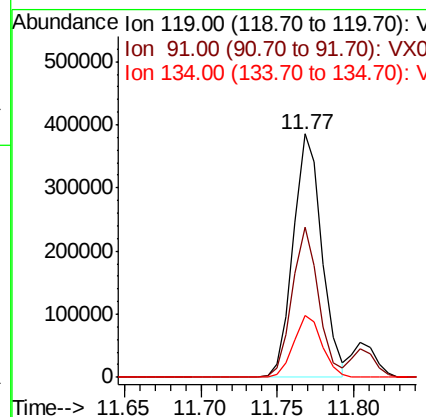
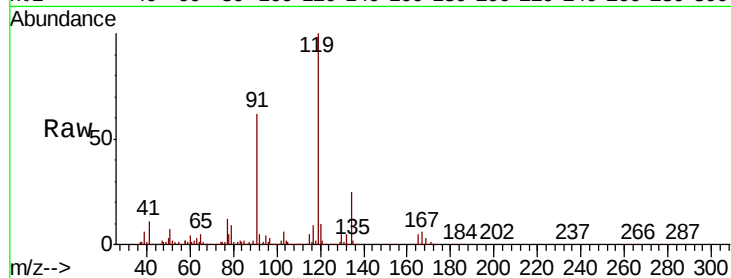
ClientSampleId :

VX1218WBS02

Tot Ion:	119	Resp:	496988
Ion Ratio	Lower	Upper	
119	100		
91	57.6	26.4	79.2
134	25.0	11.6	34.7

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#84

1,2,4-Trimethylbenzene

Concen: 19.911 ug/l

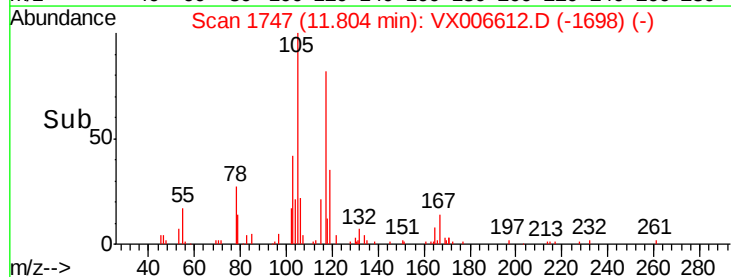
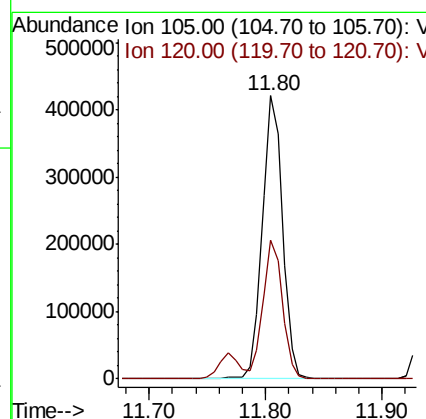
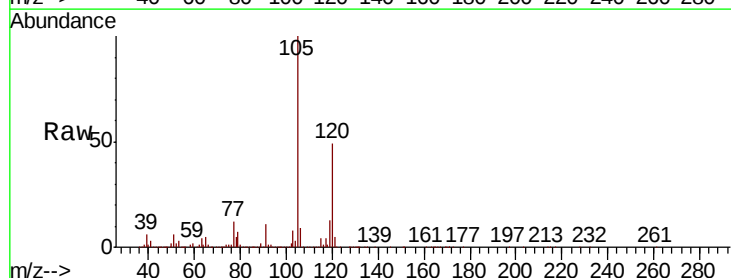
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Tgt Ion:	105	Resp:	513653
Ion Ratio	Lower	Upper	
105	100		
120	46.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.214 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS02

Tot Ion:105 Resp: 608367

Ion Ratio Lower Upper

105 100

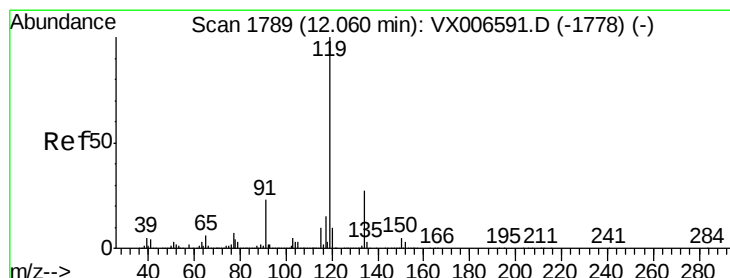
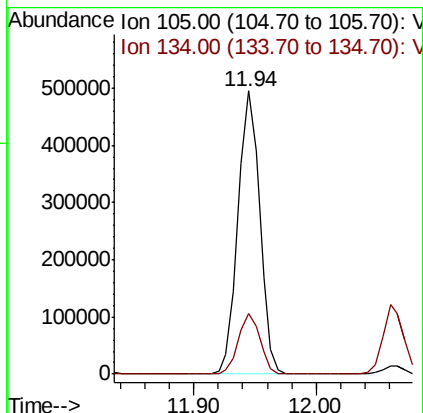
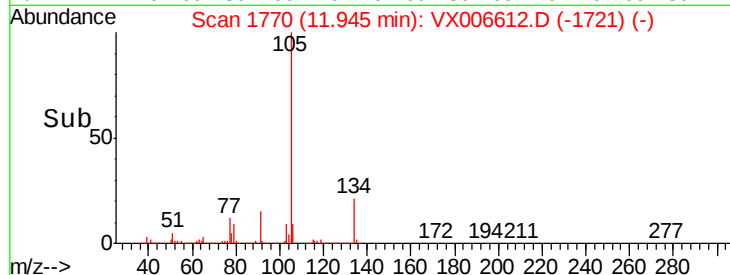
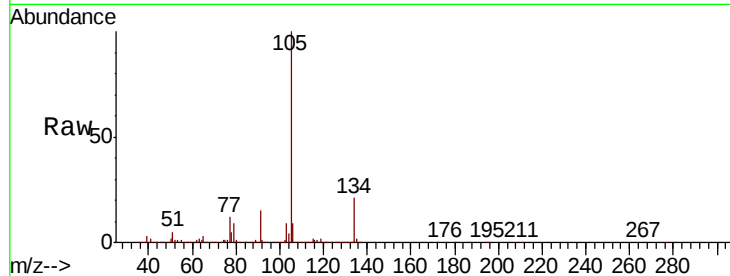
134 21.2 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.245 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006612.D

Acq: 18 Dec 2018 22:31

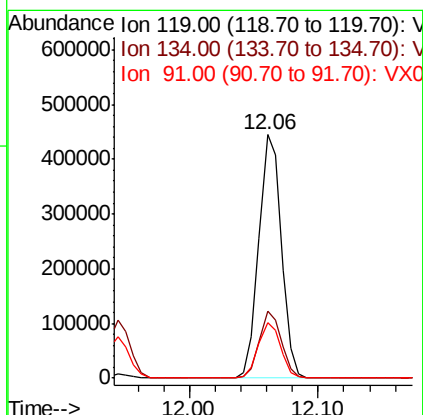
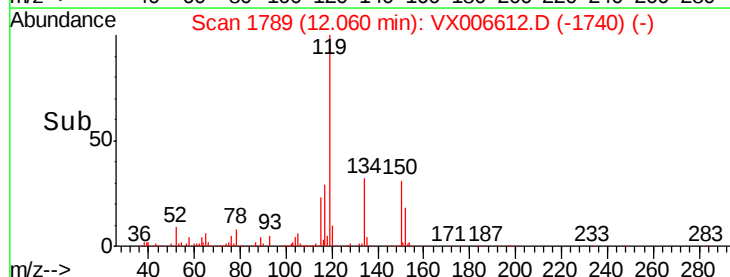
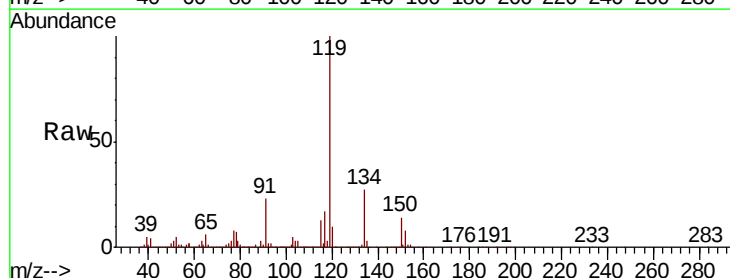
Tgt Ion:119 Resp: 535602

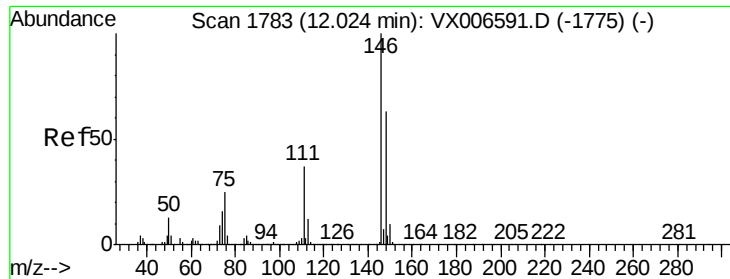
Ion Ratio Lower Upper

119 100

134 27.0 13.9 41.6

91 22.7 11.3 33.8





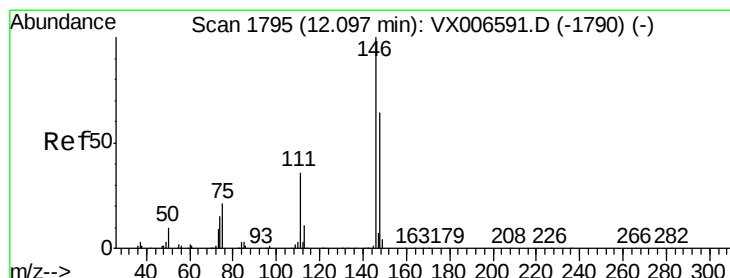
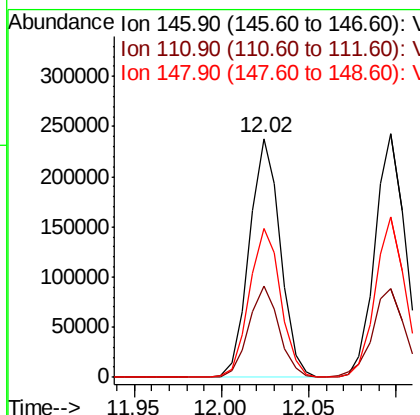
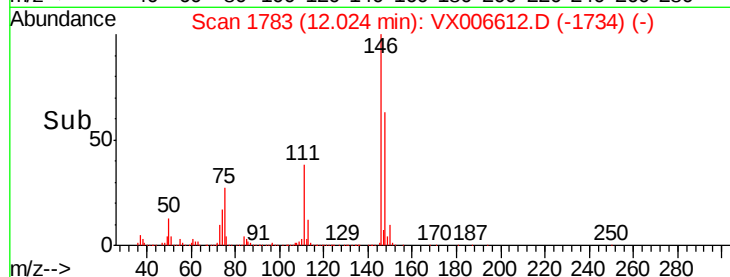
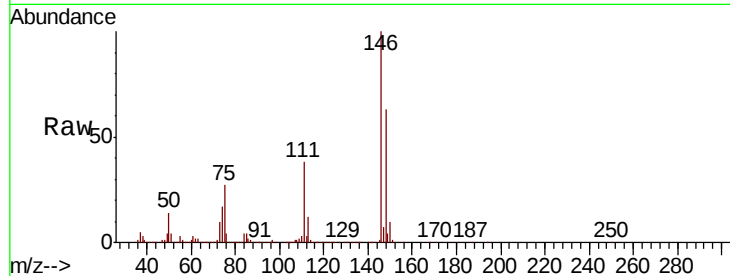
#87
 1,3-Dichlorobenzene
 Concen: 20.073 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	63.6	32.0	96.0

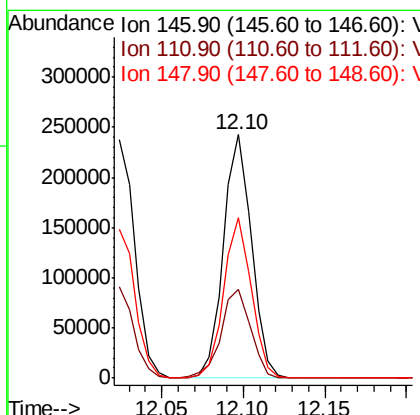
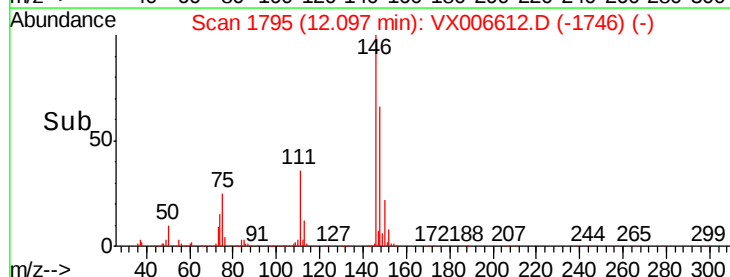
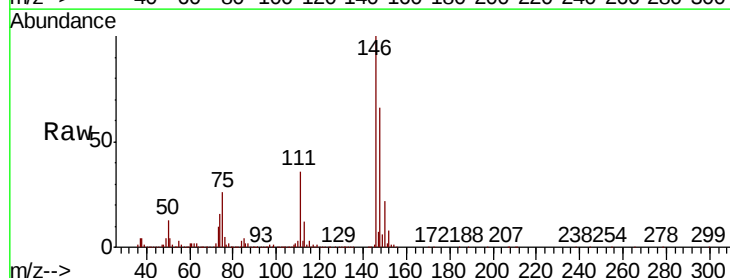
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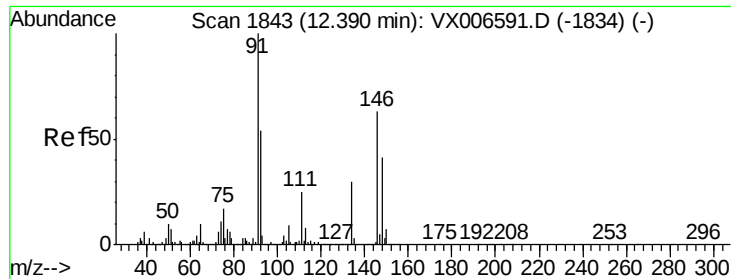
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#88
 1,4-Dichlorobenzene
 Concen: 19.442 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.3	54.8
148	65.6	31.9	95.9





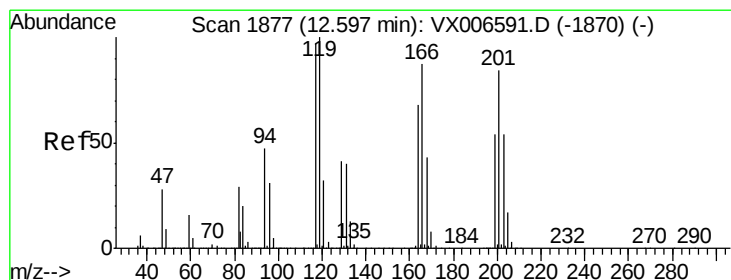
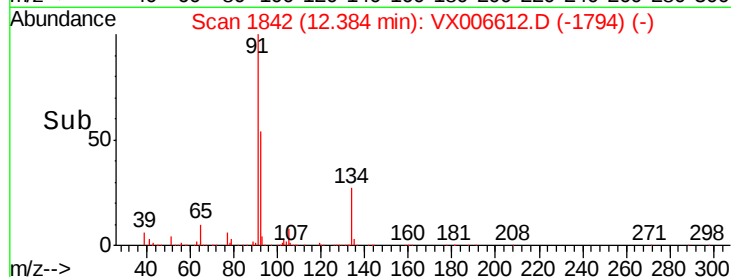
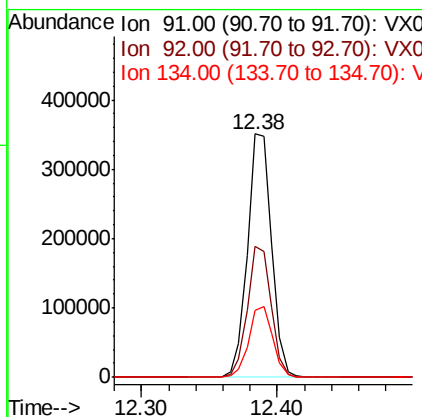
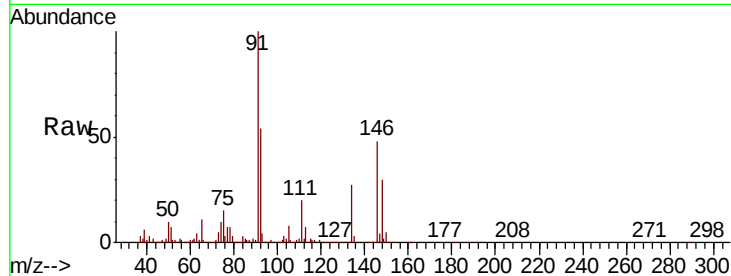
#89
n-Butylbenzene
Concen: 19.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.8
134	28.8	14.8	44.3

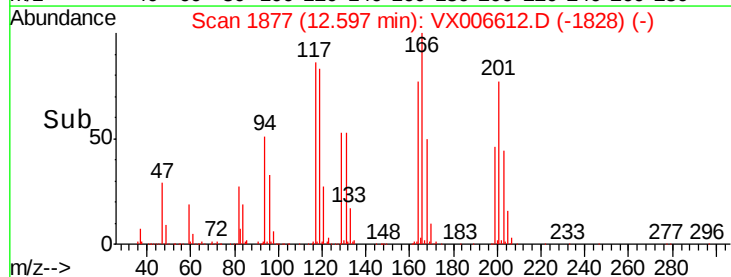
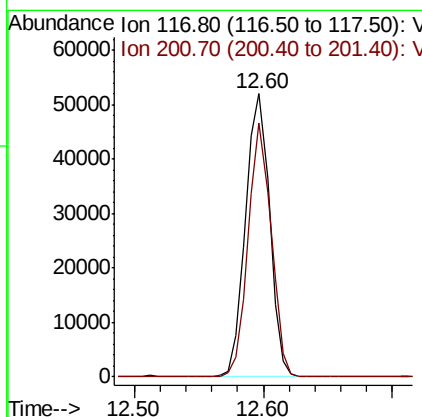
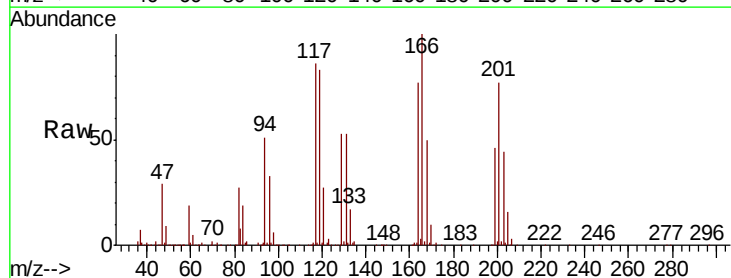
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#90
Hexachloroethane
Concen: 18.444 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	44.7	134.1





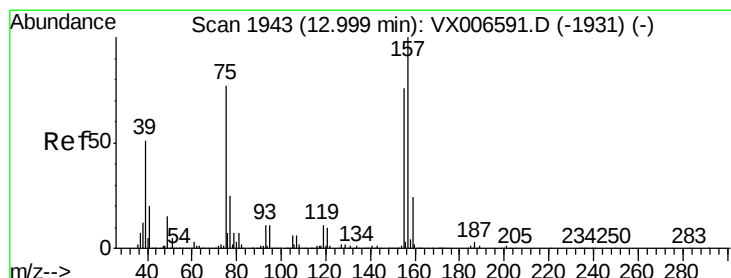
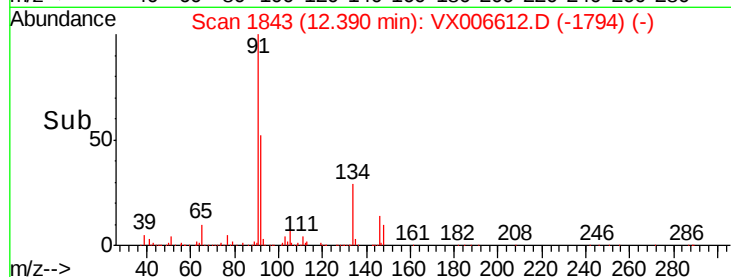
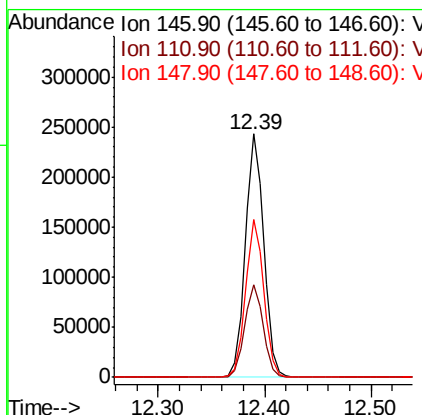
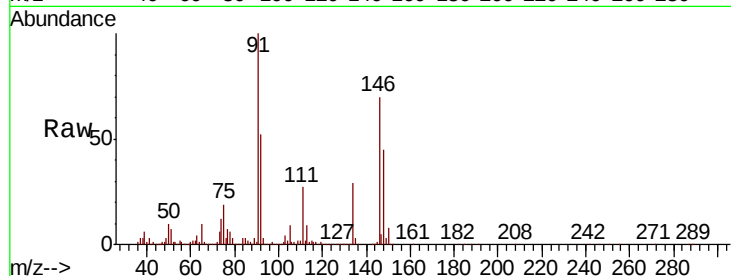
#91
 1,2-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	64.3	32.1	96.3

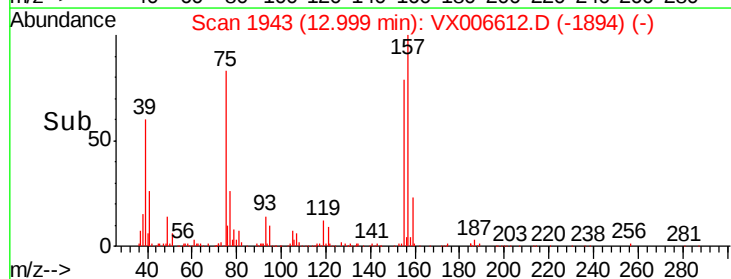
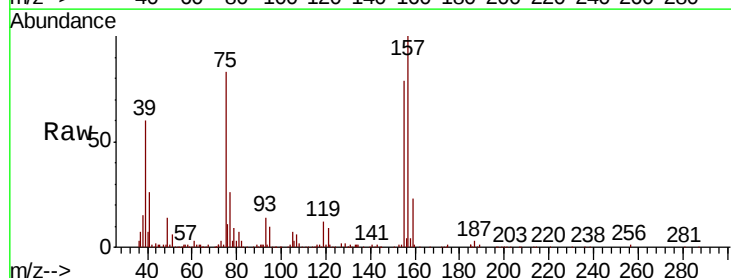
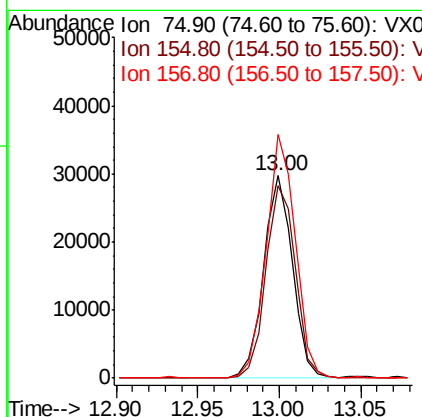
Manual Integrations
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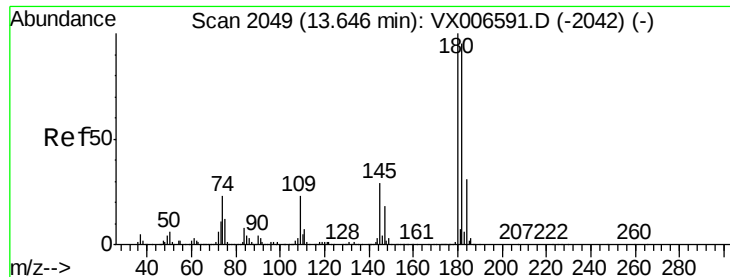
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.027 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	53.4	160.3
157	122.0	68.0	203.8





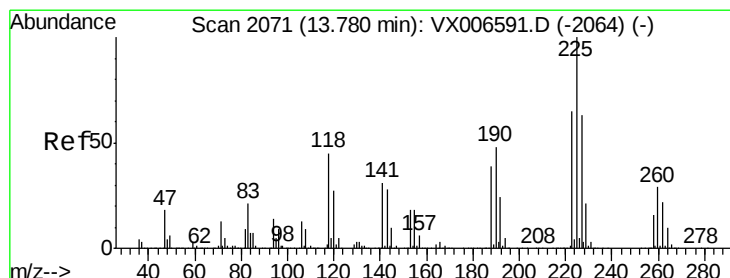
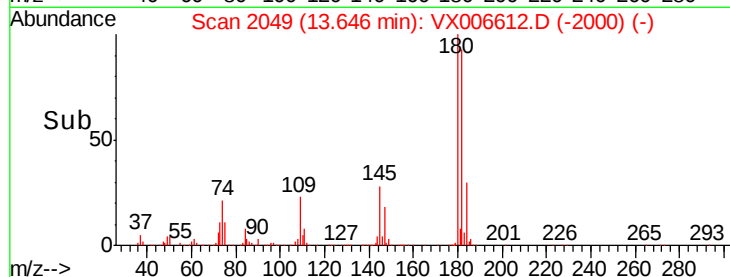
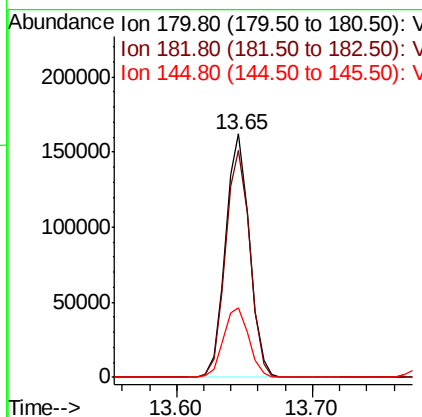
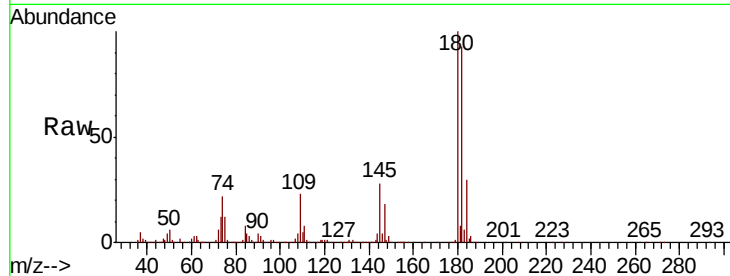
#93
 1,2,4-Trichlorobenzene
 Concen: 19.751 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197739		
182	94.8	47.3	141.9	
145	30.1	14.6	43.8	

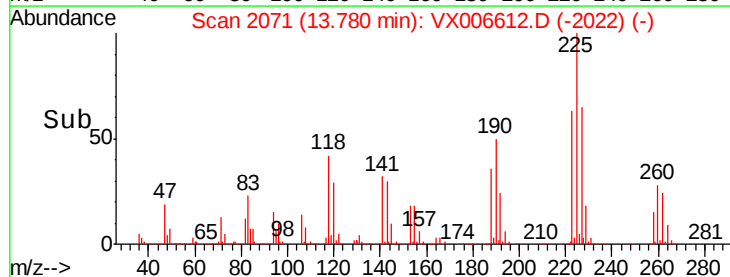
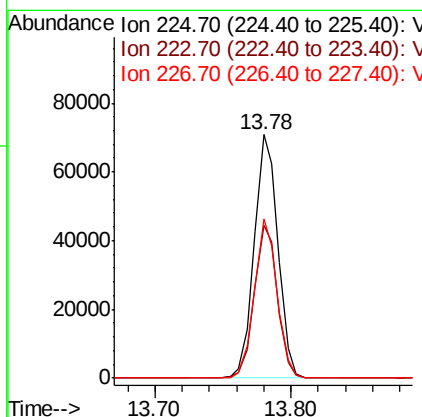
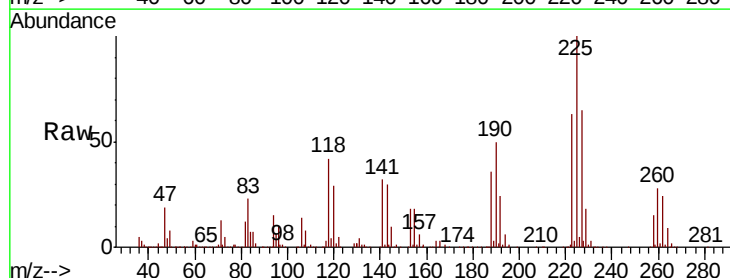
Manual Integrations
 APPROVED

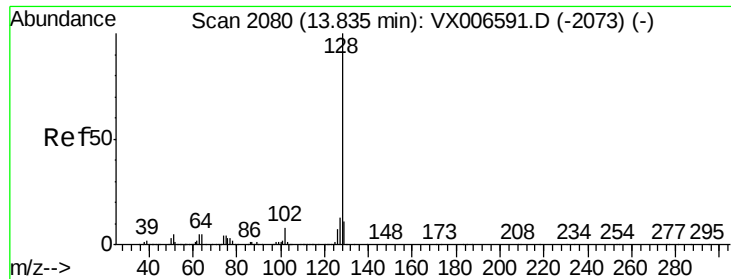
MMDadoda
 12/19/2018 11:22:49 AM



#94
 Hexachlorobutadiene
 Concen: 18.394 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006612.D
 Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86797		
223	61.3	31.2	93.6	
227	62.5	31.9	95.5	





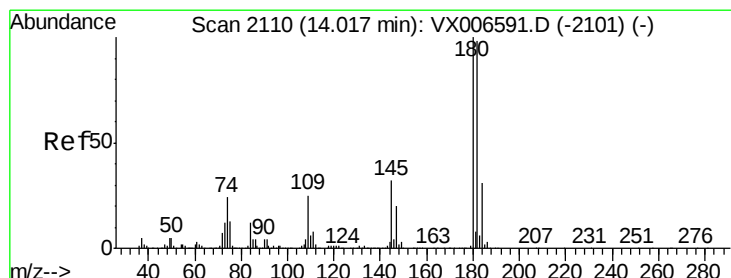
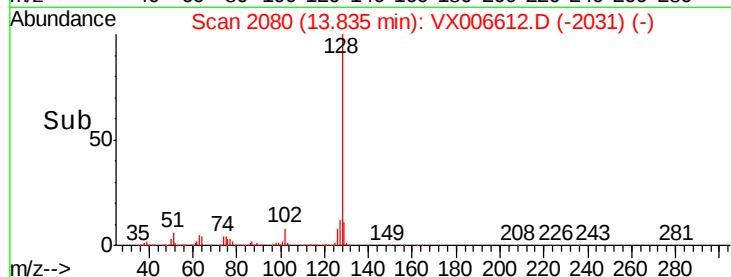
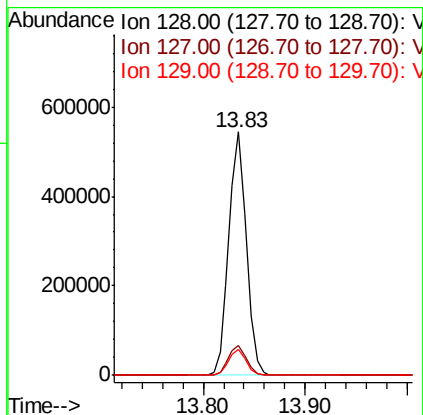
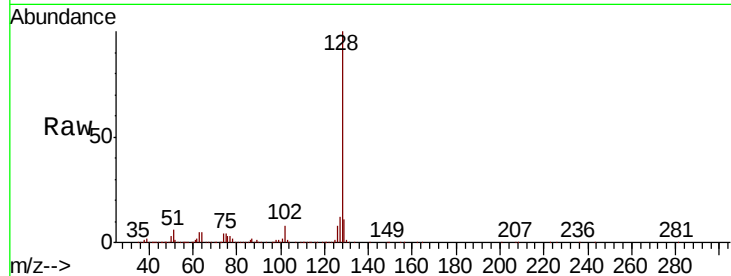
#95
Naphthalene
Concen: 20.281 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.358 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006612.D
Acq: 18 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	32.2	15.6	46.8

