

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006715.D
 Acq On : 21 Dec 2018 11:29
 Operator : JC/MD
 Sample : VX1221WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:20:57 AM

Quant Time: Dec 22 04:21:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	595557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	903537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	816505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	307364	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.51	113	279355	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	1055886	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	385486	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99757	18.310	ug/l	99
3) Chloromethane	1.33	50	104480	17.800	ug/l	95
4) Vinyl Chloride	1.41	62	116474	18.999	ug/l	98
5) Bromomethane	1.64	94	110408	18.075	ug/l	97
6) Chloroethane	1.72	64	77940	18.361	ug/l	93
7) Trichlorofluoromethane	1.93	101	187545	19.622	ug/l	93
8) Diethyl Ether	2.19	74	69372	18.274	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112478	20.043	ug/l	99
10) Methyl Iodide	2.51	142	106299	13.233	ug/l	100
11) Tert butyl alcohol	3.07	59	153740	107.325	ug/l	98
12) 1,1-Dichloroethene	2.38	96	100738	18.932	ug/l	97
13) Acrolein	2.29	56	107704	111.454	ug/l	96
14) Allyl chloride	2.73	41	170927	19.084	ug/l	99
15) Acrylonitrile	3.15	53	324291	101.961	ug/l	99
16) Acetone	2.45	43	301349	102.189	ug/l	98
17) Carbon Disulfide	2.57	76	224500	15.943	ug/l	99
18) Methyl Acetate	2.78	43	183079	21.113	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354031	20.046	ug/l	98
20) Methylene Chloride	2.86	84	114589	18.792	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	106579	18.077	ug/l	96
22) Diisopropyl ether	3.87	45	327363	19.979	ug/l	92
23) Vinyl Acetate	3.82	43	1295358	96.646	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179783	18.380	ug/l	99
25) 2-Butanone	4.70	43	420339	101.334	ug/l	100
26) 2,2-Dichloropropane	4.59	77	126967	16.804	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125796	19.339	ug/l	98
28) Bromochloromethane	5.02	49	86047	19.747	ug/l	99
29) Tetrahydrofuran	5.15	42	281012	102.858	ug/l	98
30) Chloroform	5.21	83	194060	19.158	ug/l	98
31) Cyclohexane	5.57	56	169076	19.027	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	159728	18.675	ug/l	98
36) 1,1-Dichloropropene	5.80	75	143568	19.185	ug/l	98
37) Ethyl Acetate	4.85	43	156182	20.052	ug/l	100
38) Carbon Tetrachloride	5.78	117	133869	18.407	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191245	19.412	ug/l	99
40) Benzene	6.14	78	443690	19.505	ug/l	99
41) Methacrylonitrile	5.06	41	86052	20.809	ug/l	97
42) 1,2-Dichloroethane	6.20	62	148832	19.201	ug/l	99
43) Isopropyl Acetate	6.46	43	235801	19.897	ug/l	100
44) Trichloroethene	7.21	130	130117	18.899	ug/l	96
45) 1,2-Dichloropropane	7.52	63	112287	20.285	ug/l	97
46) Dibromomethane	7.66	93	77504	19.035	ug/l	99
47) Bromodichloromethane	7.90	83	124776	18.458	ug/l	99
48) Methyl methacrylate	7.77	41	126301	20.957	ug/l	99
49) 1,4-Dioxane	7.75	88	66034	406.989	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	803194	106.518	ug/l	100
52) Toluene	8.79	92	292680	19.916	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129551	17.870	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151451	19.039	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	118911	19.769	ug/l	98
56) Ethyl methacrylate	9.18	69	173265	20.380	ug/l	99
57) 1,3-Dichloropropane	9.37	76	190875	19.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	451754	99.964	ug/l	100
59) 2-Hexanone	9.49	43	620223	107.503	ug/l	99
60) Dibromochloromethane	9.59	129	104237	18.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127370	19.919	ug/l	99
64) Tetrachloroethene	9.34	164	129776	20.072	ug/l	96
65) Chlorobenzene	10.14	112	335758	19.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	106692	19.797	ug/l	100
67) Ethyl Benzene	10.25	91	565829	20.046	ug/l	99
68) m/p-Xylenes	10.36	106	440280	39.529	ug/l	100
69) o-Xylene	10.70	106	213700	19.430	ug/l	94
70) Styrene	10.71	104	343987	19.769	ug/l	98
71) Bromoform	10.86	173	73020	18.141	ug/l #	100
73) Isopropylbenzene	11.02	105	581407	20.132	ug/l	100
74) N-amyl acetate	10.90	43	217301	21.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178733	20.810	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	164963m	21.027	ug/l	
77) Bromobenzene	11.26	156	154664	19.809	ug/l	98
78) n-propylbenzene	11.36	91	647617	20.363	ug/l	100
79) 2-Chlorotoluene	11.42	91	378147	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	475602	19.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35349	16.784	ug/l #	85
82) 4-Chlorotoluene	11.51	91	441970	19.992	ug/l	99
83) tert-Butylbenzene	11.77	119	476094	19.998	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	494605	19.768	ug/l	99
85) sec-Butylbenzene	11.94	105	586389	20.089	ug/l	99
86) p-Isopropyltoluene	12.06	119	527421	20.555	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	281019	19.970	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	284284	19.707	ug/l	99
89) n-Butylbenzene	12.39	91	440908	20.191	ug/l	98
90) Hexachloroethane	12.60	117	66146	18.680	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	277311	19.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33736	18.983	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192921	19.868	ug/l	99
94) Hexachlorobutadiene	13.79	225	89253	19.501	ug/l	99
95) Naphthalene	13.83	128	602664	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	193202	19.271	ug/l	99

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

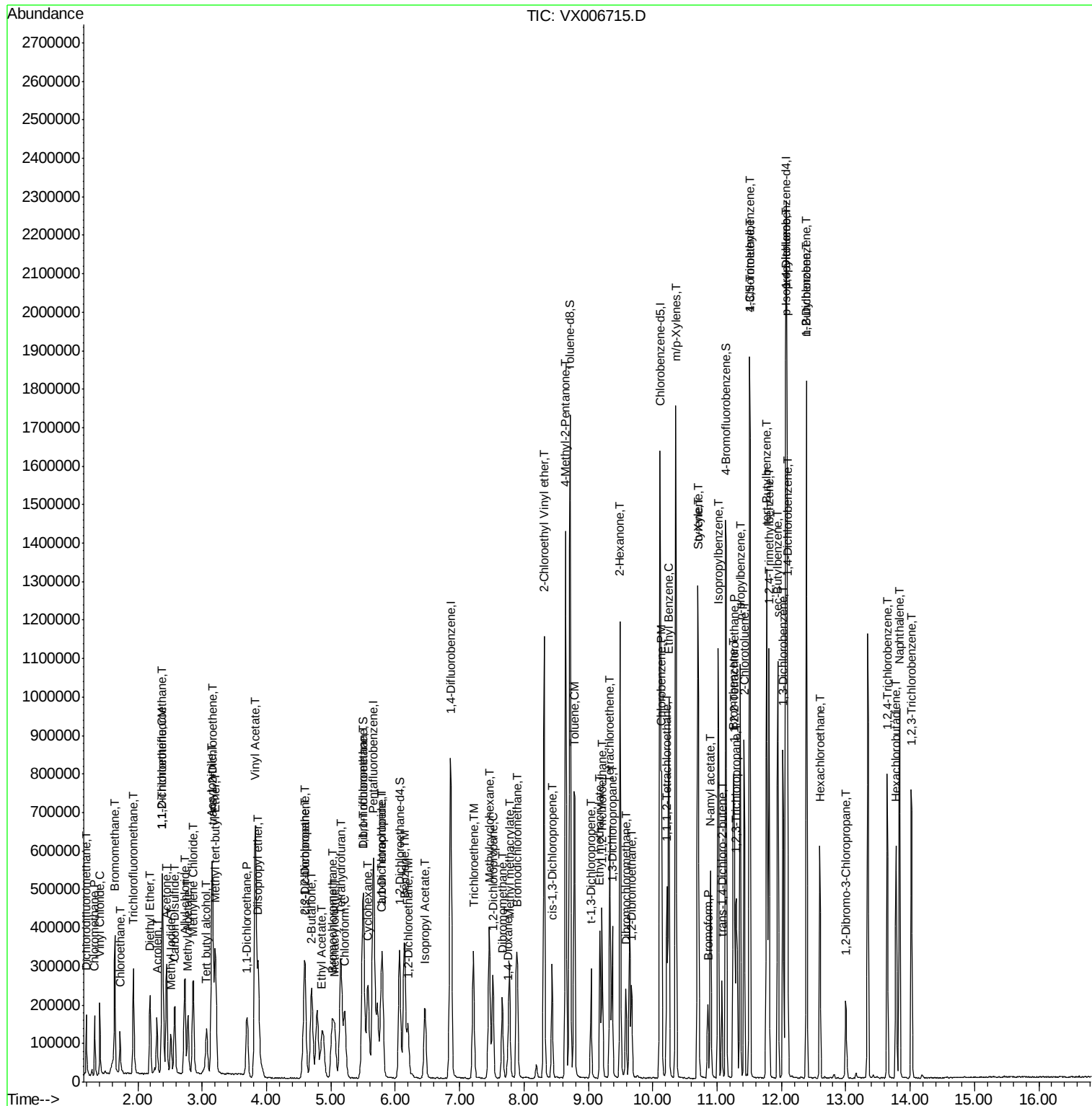
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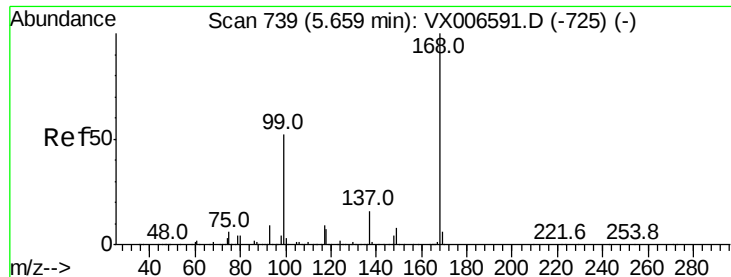
Instrument :
MSVOA_X
Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion:168 Resp: 595557

Ion Ratio Lower Upper

168 100

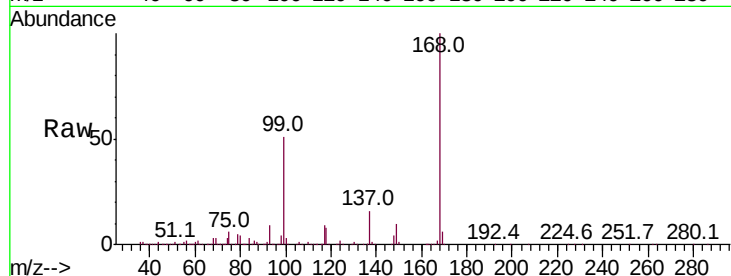
99 50.5 41.8 62.8

Manual Integrations

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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

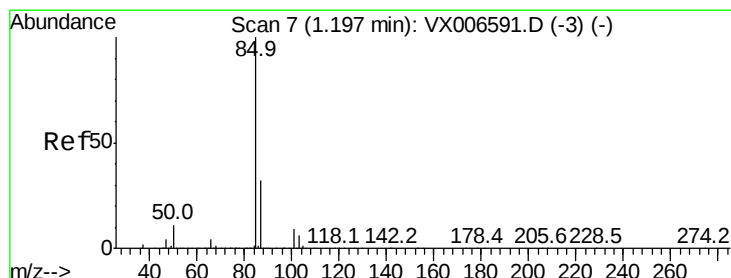
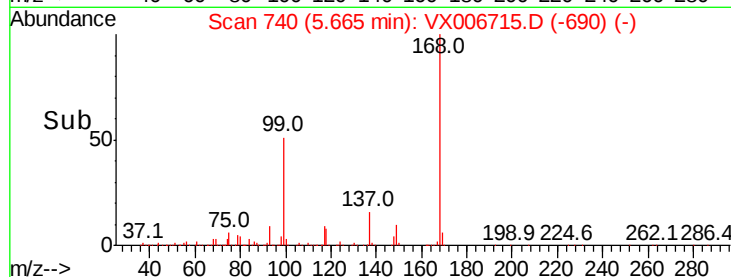
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.310 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006715.D

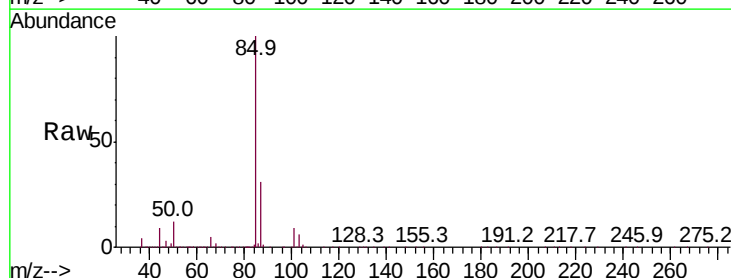
Acq: 21 Dec 2018 11:29

Tgt Ion: 85 Resp: 99757

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

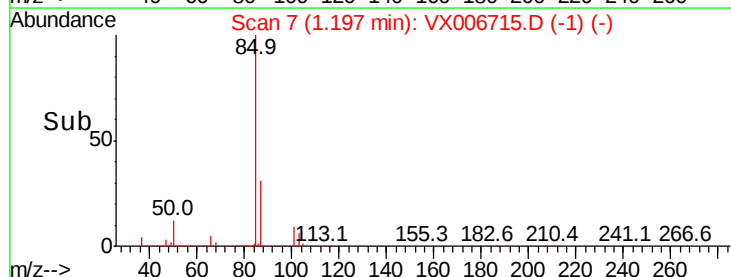
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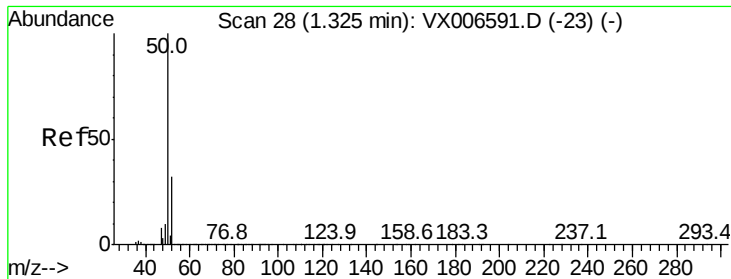
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.800 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 50 Resp: 104480

Ion Ratio Lower Upper

50 100

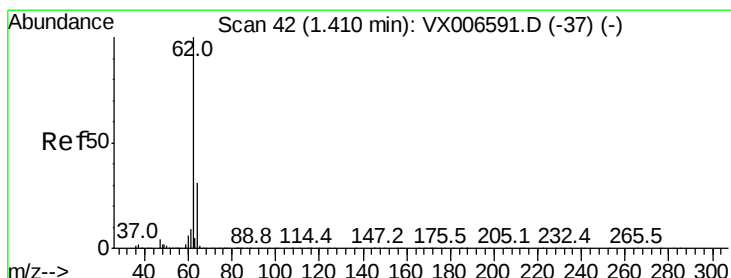
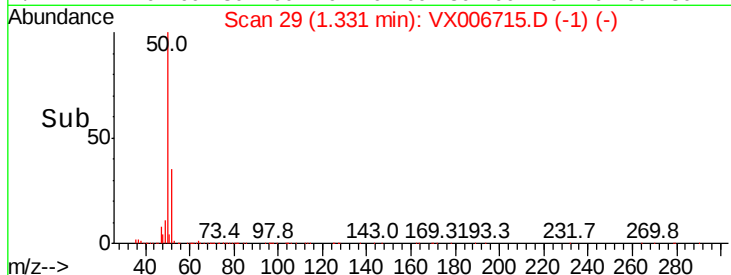
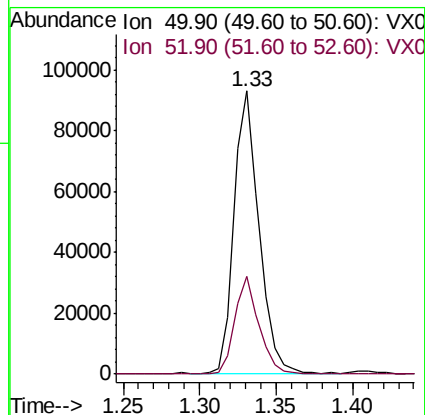
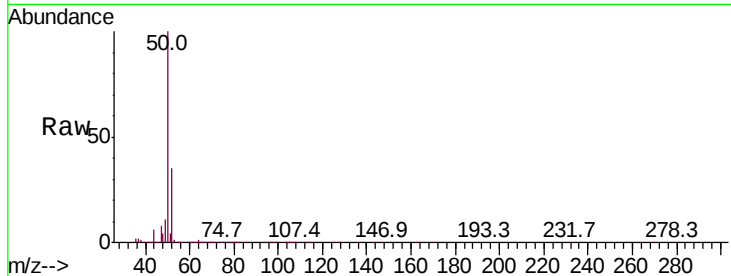
52 34.6 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.999 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006715.D

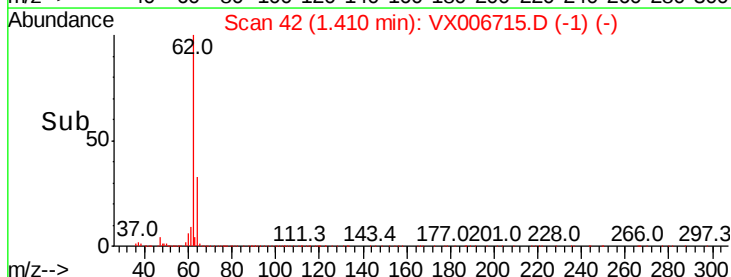
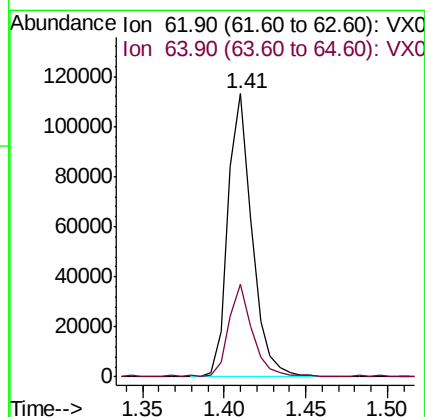
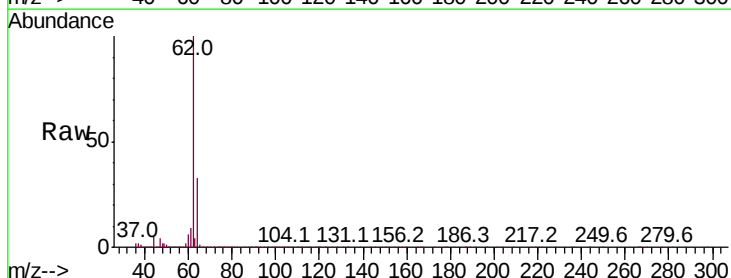
Acq: 21 Dec 2018 11:29

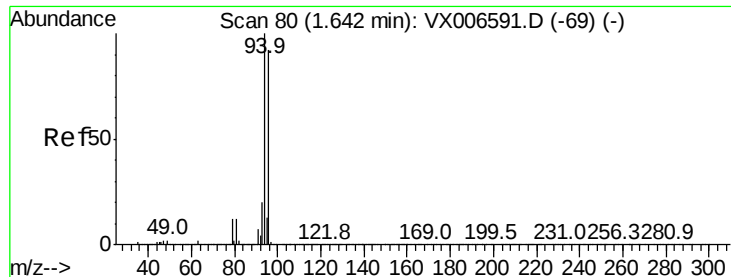
Tgt Ion: 62 Resp: 116474

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 18.075 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 94 Resp: 110408

Ion Ratio Lower Upper

94 100

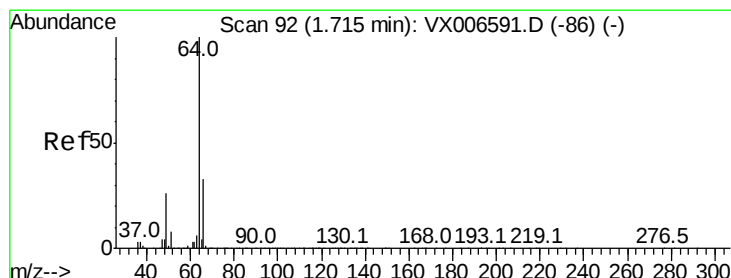
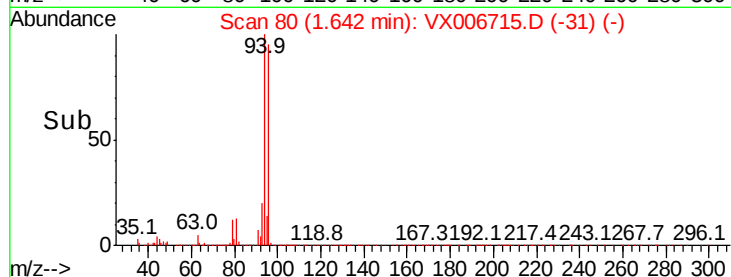
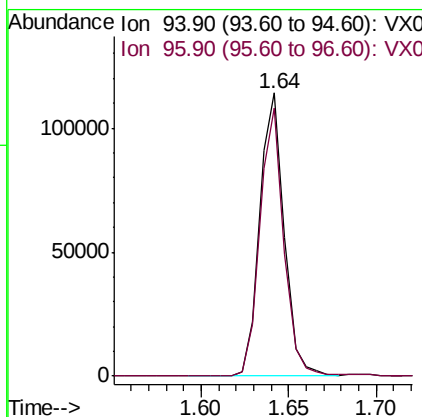
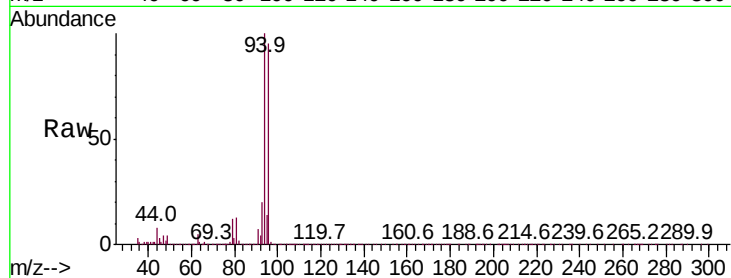
96 94.7 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 18.361 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006715.D

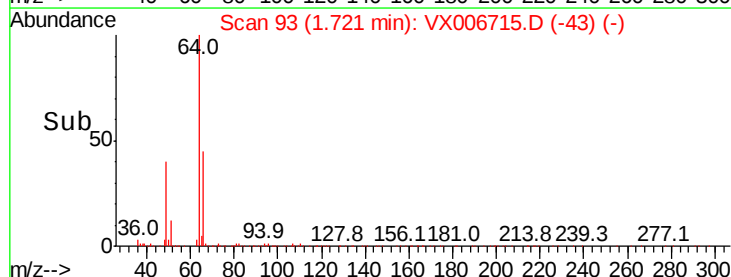
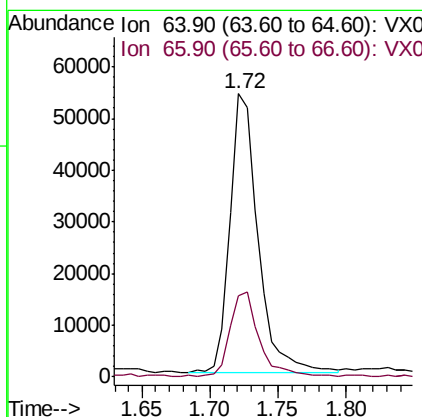
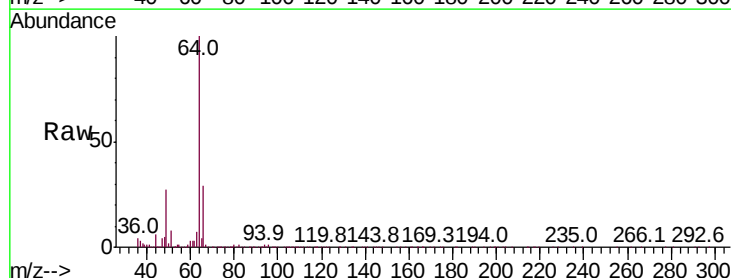
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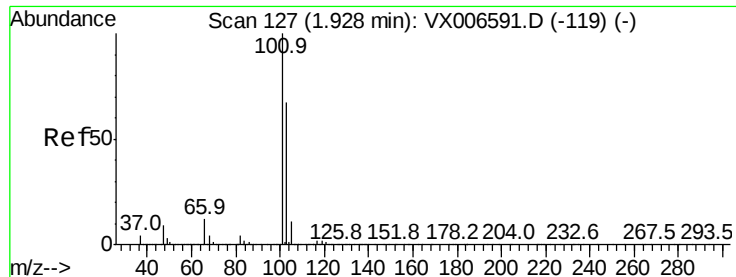
Tgt Ion: 64 Resp: 77940

Ion Ratio Lower Upper

64 100

66 28.8 26.4 39.6





#7

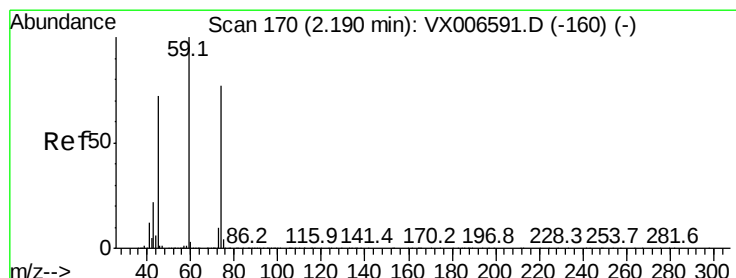
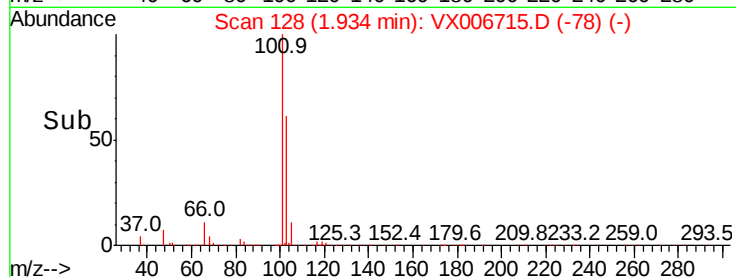
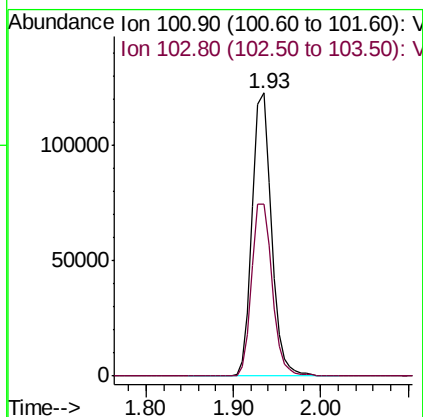
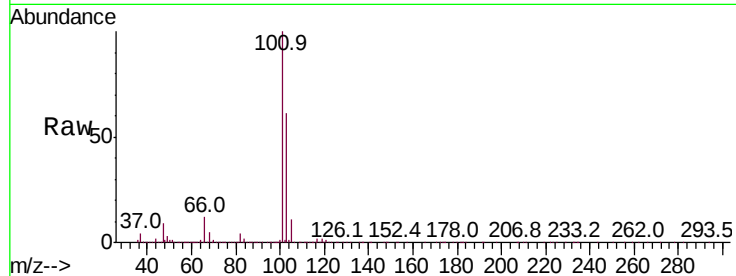
Trichlorofluoromethane
Concen: 19.622 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	187545		
103	60.8	53.2	79.8	

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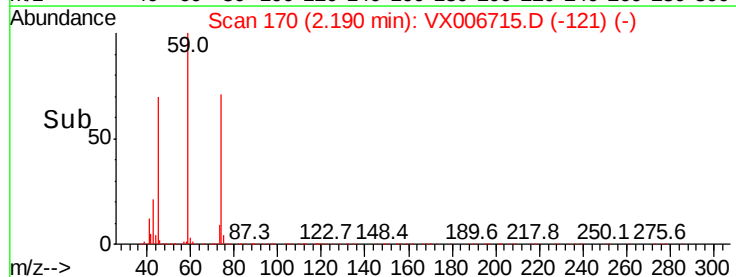
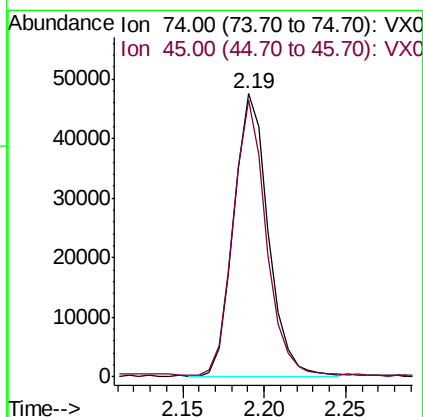
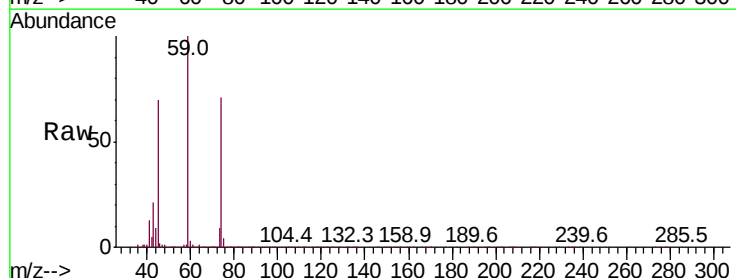
MMDadoda
12/22/2018 11:20:57 AM

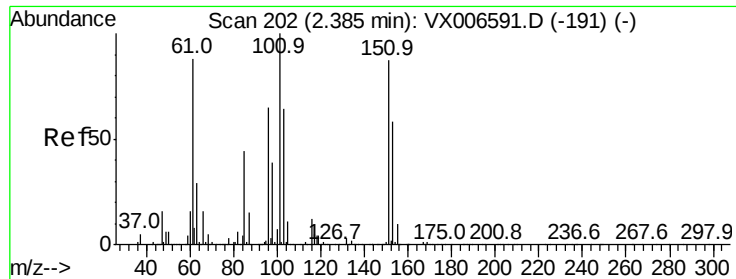


#8

Diethyl Ether
Concen: 18.274 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	69372		
45	94.5	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.043 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

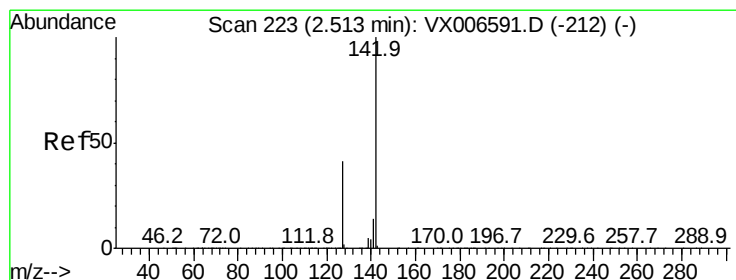
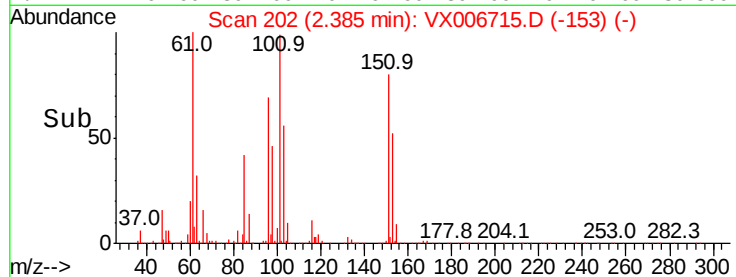
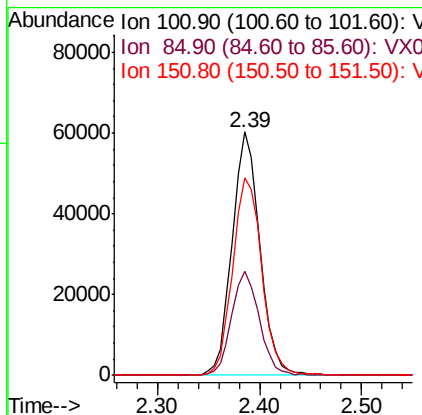
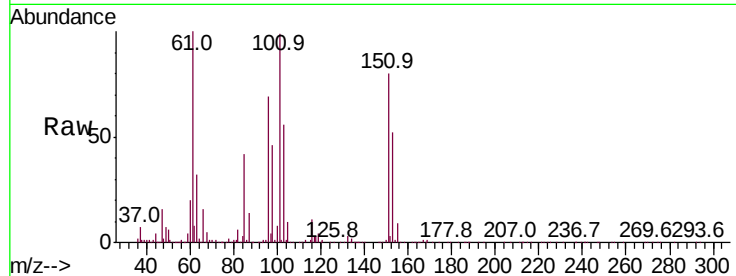
ClientSampleId :

VX1221WBS01

Tot Ion:	101	Resp:	112478
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	85.5	68.9	103.3

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#10

Methyl Iodide

Concen: 13.233 ug/l

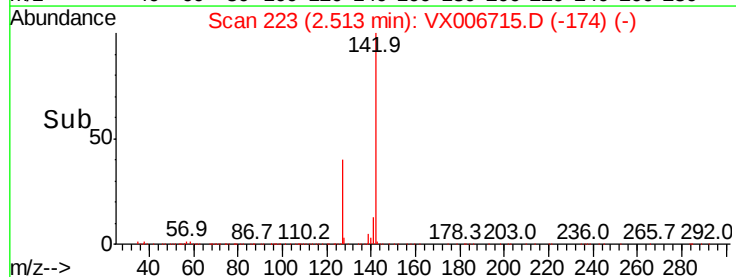
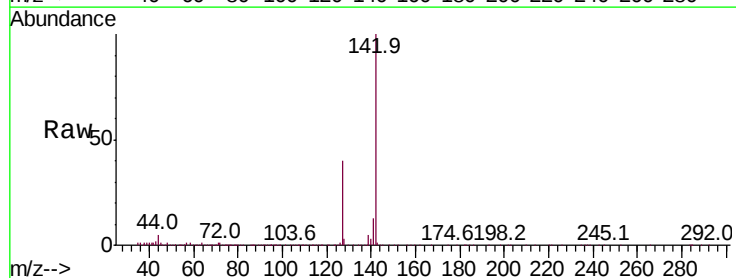
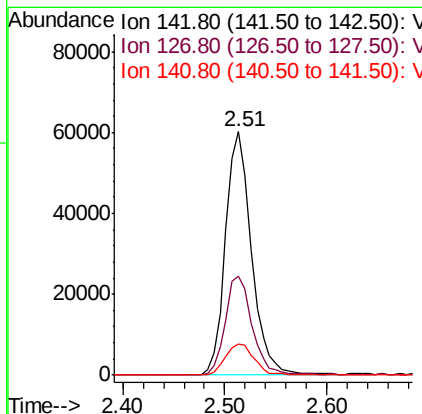
RT: 2.51 min Scan# 223

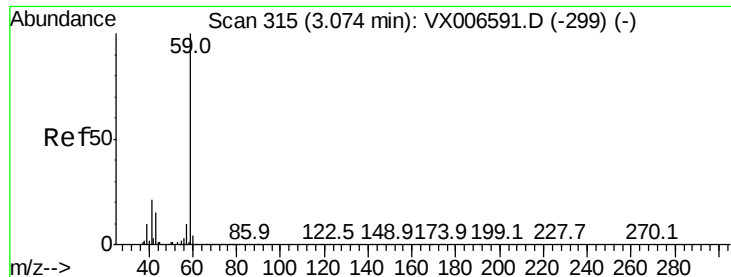
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:	142	Resp:	106299
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.4	11.4	17.0





#11

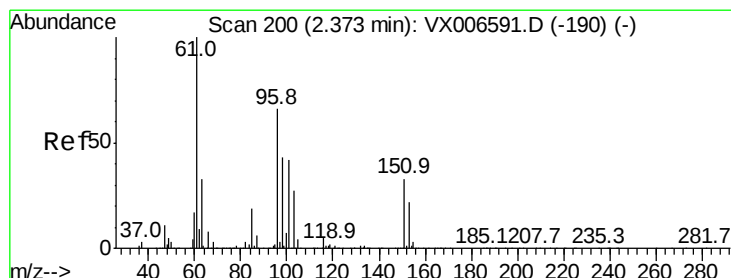
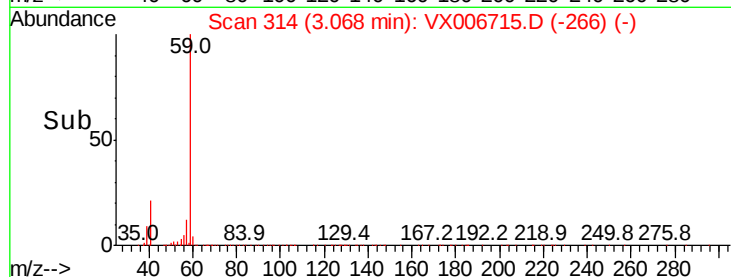
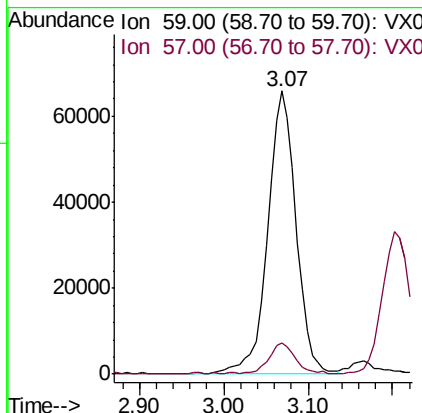
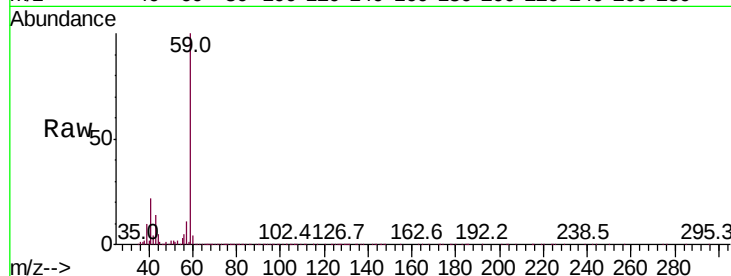
Tert butyl alcohol
Concen: 107.325 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

Manual Integrations
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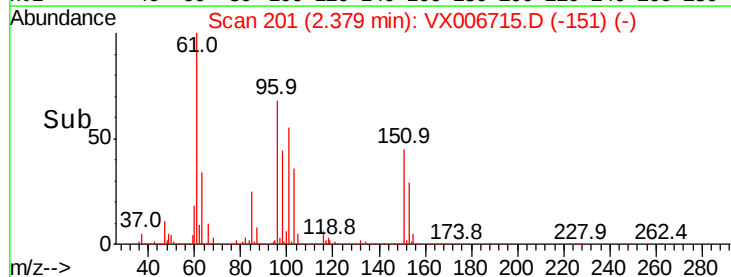
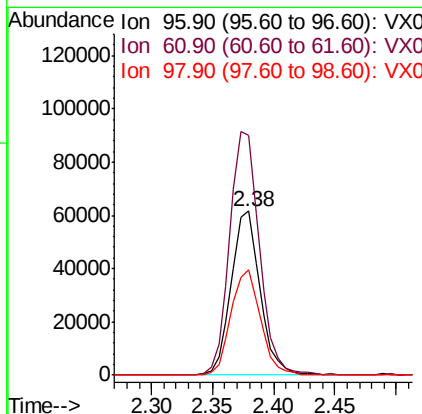
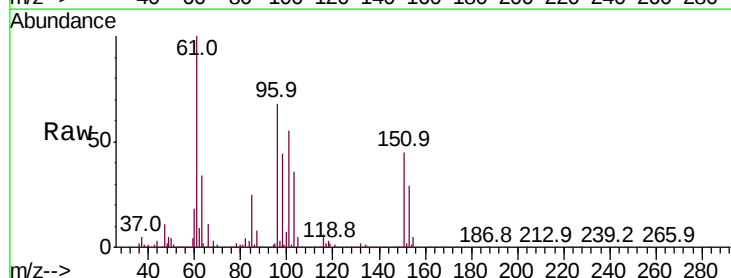
MMDadoda
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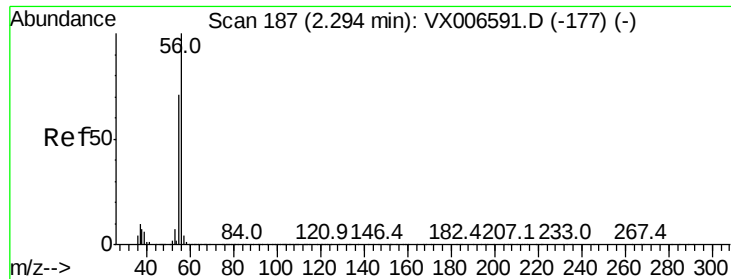


#12

1,1-Dichloroethene
Concen: 18.932 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.6	121.4	182.2
98	64.2	51.9	77.9





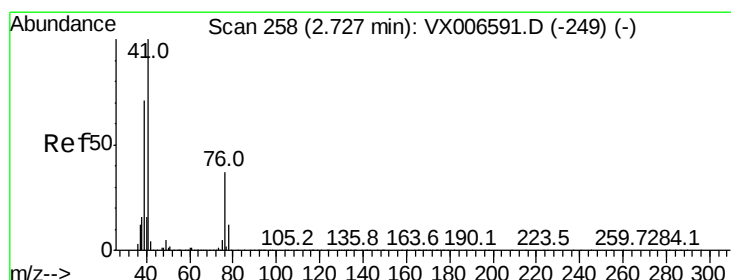
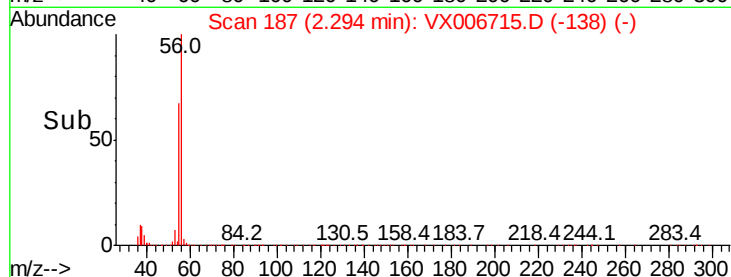
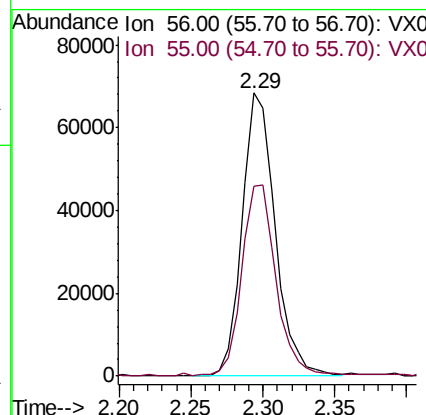
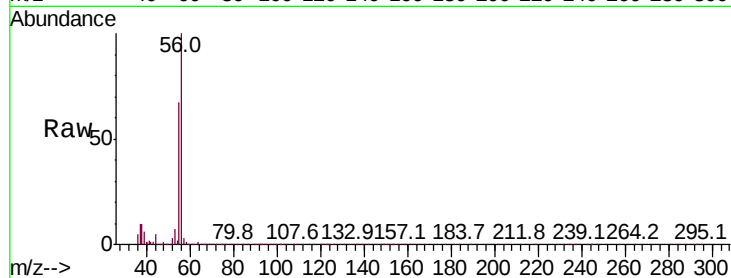
#13
Acrolein
Concen: 111.454 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	56	Ratio	Lower	Upper
56	100			
55	69.6	58.2	87.4	

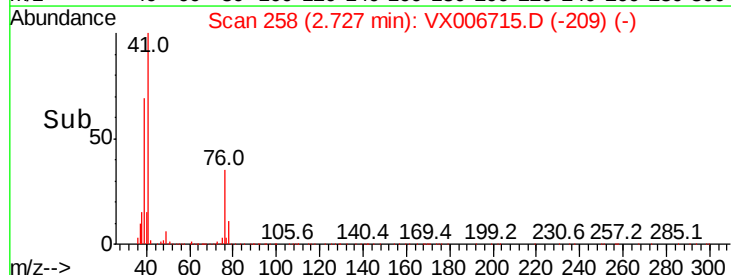
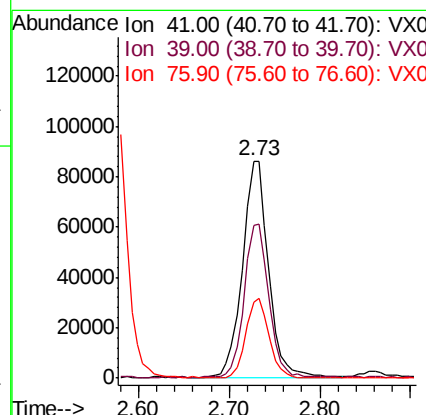
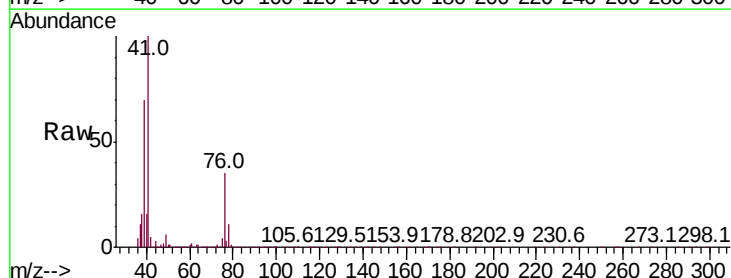
Manual Integrations
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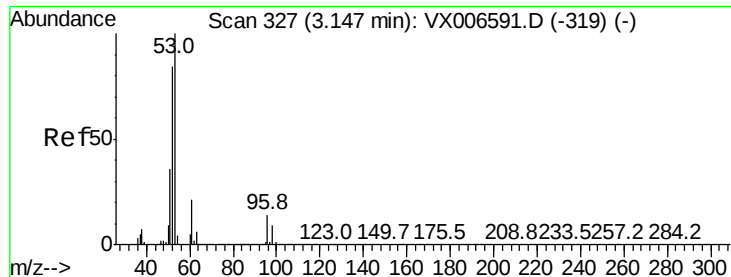
MMDadoda
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#14
Allyl chloride
Concen: 19.084 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	41	Ratio	Lower	Upper
41	100			
39	67.3	53.6	80.4	
76	32.5	27.4	41.2	





#15

Acrylonitrile

Concen: 101.961 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

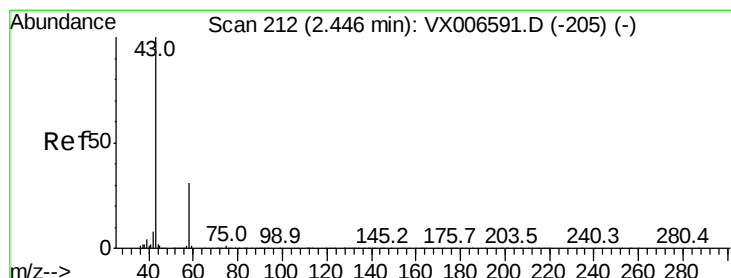
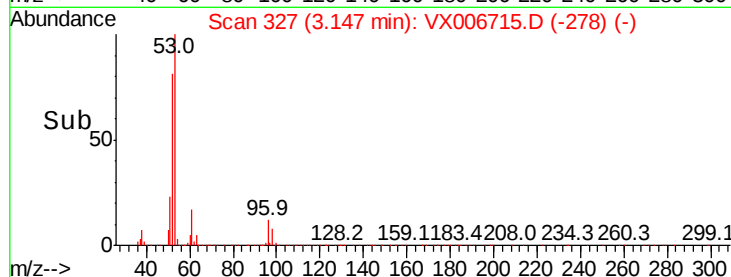
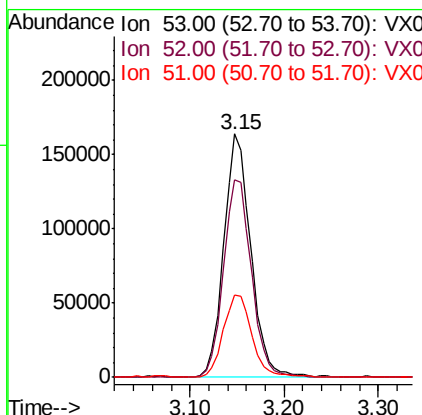
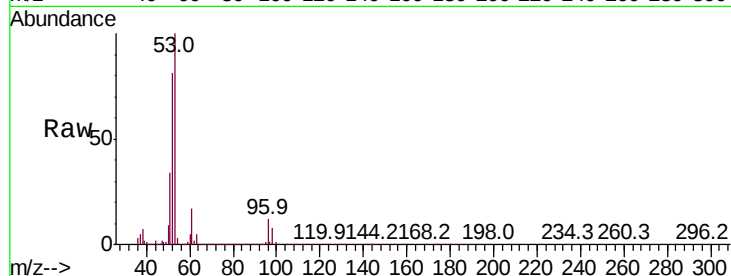
ClientSampleId :

VX1221WBS01

Tot Ion	53	Resp	324291
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.0	99.0
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 102.189 ug/l

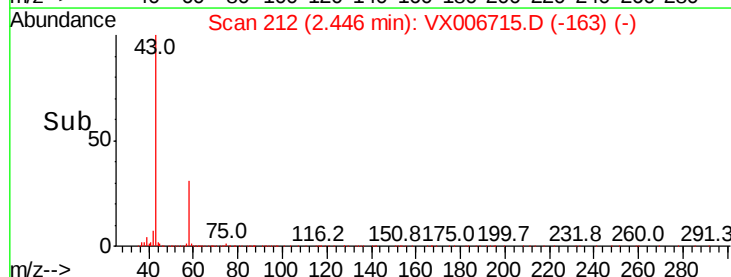
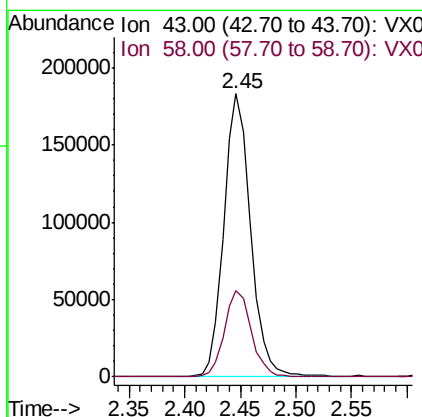
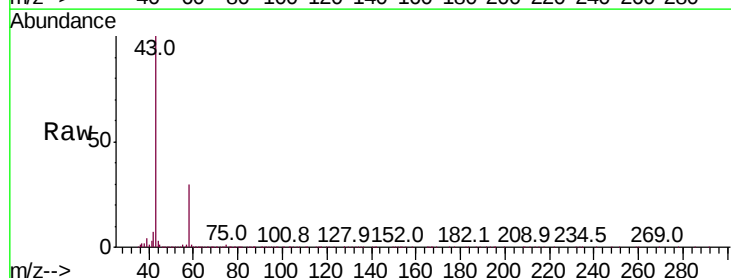
RT: 2.45 min Scan# 212

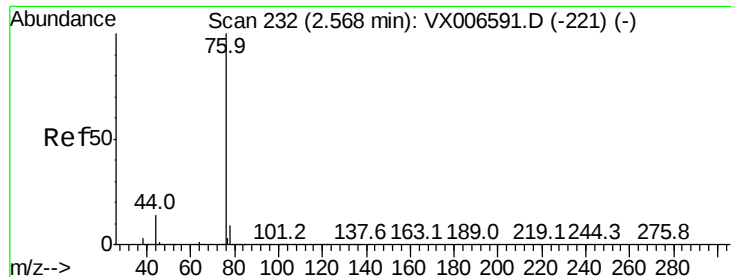
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion	43	Resp	301349
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.0	37.6





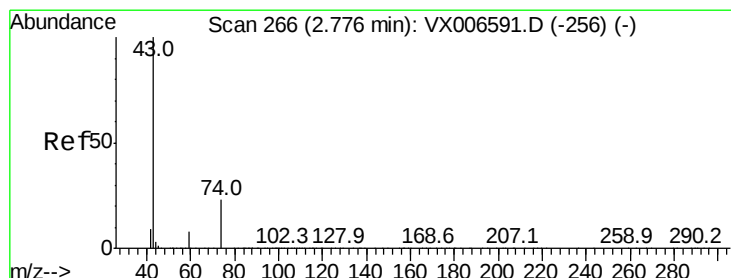
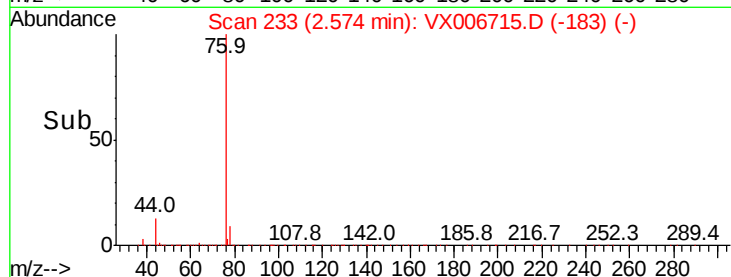
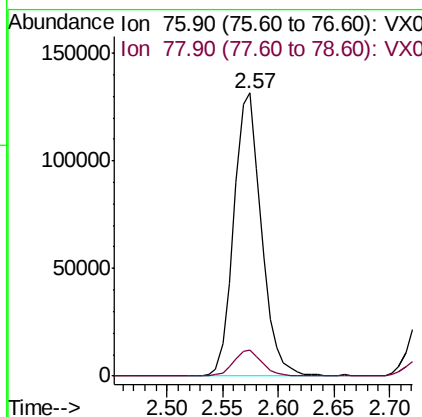
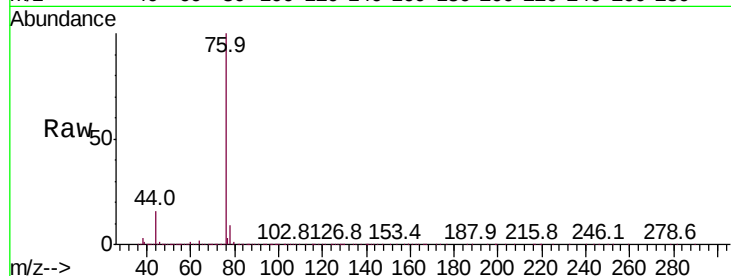
#17
Carbon Disulfide
Concen: 15.943 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

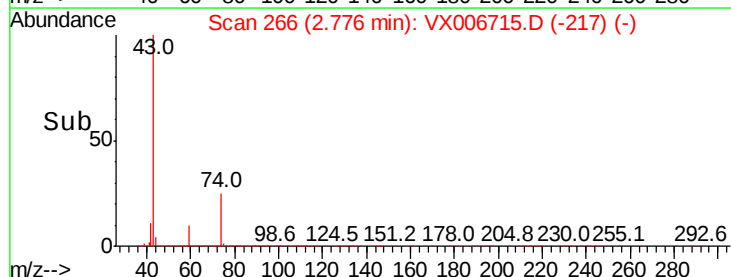
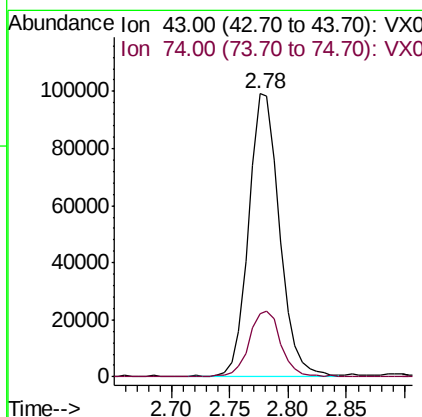
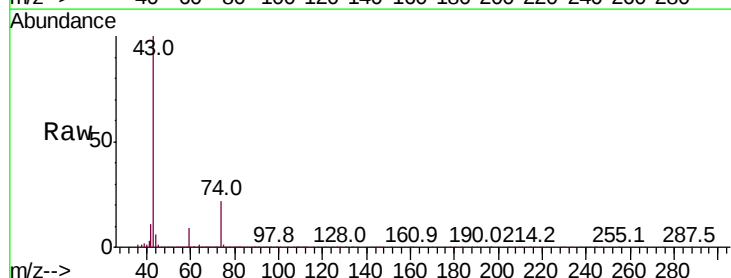
Manual Integrations
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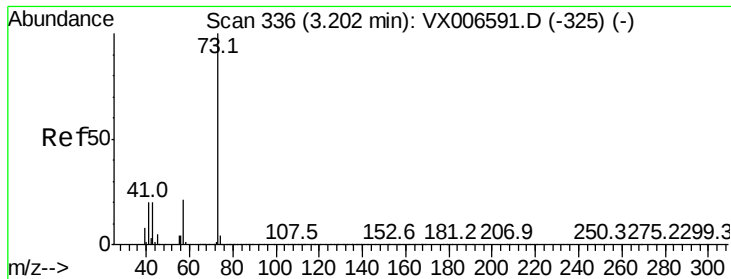
MMDadoda
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#18
Methyl Acetate
Concen: 21.113 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





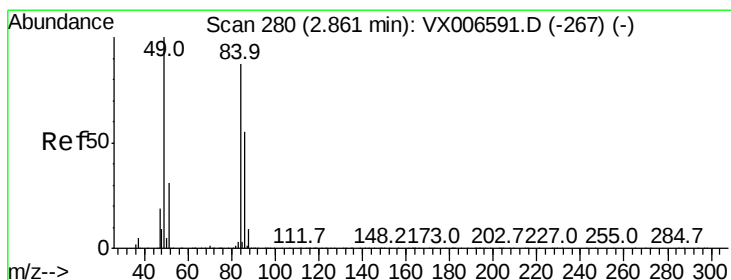
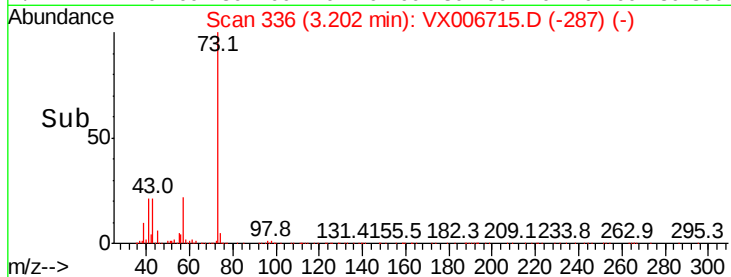
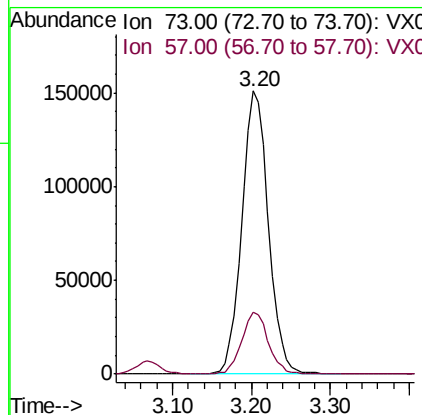
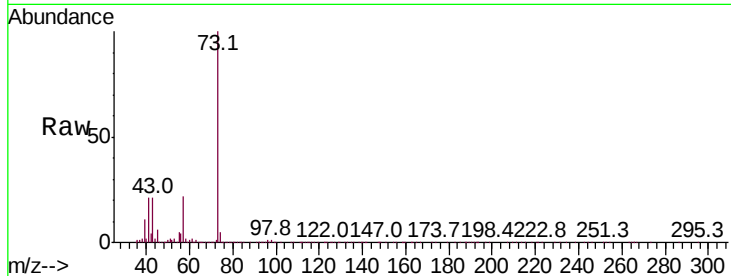
#19
Methvl tert-butvl Ether
Concen: 20.046 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

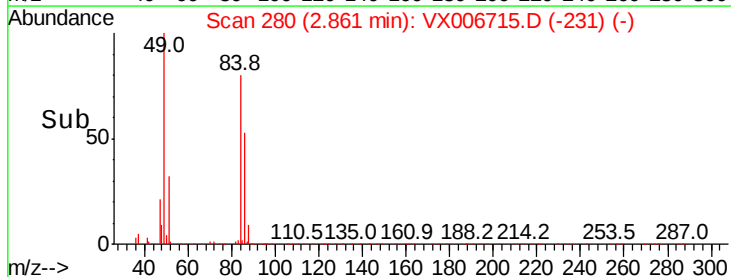
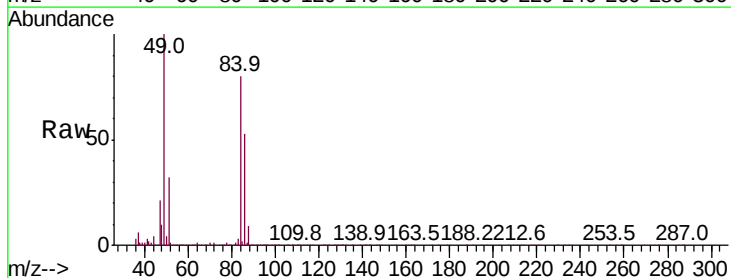
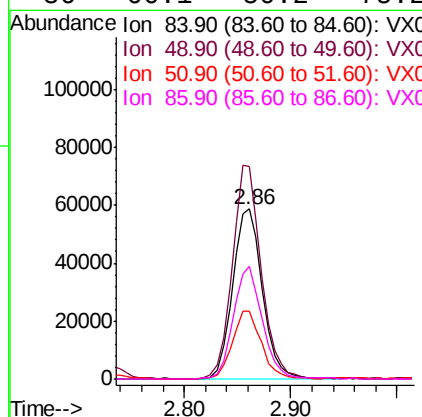
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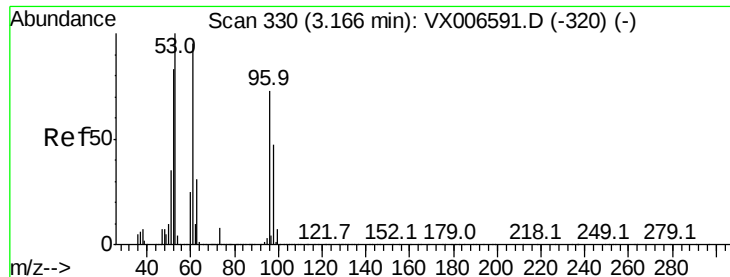
MMDadoda
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#20
Methylene Chloride
Concen: 18.792 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	91.8	137.6
51	40.1	28.5	42.7
86	66.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.077 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 96 Resp: 106579

Ion Ratio Lower Upper

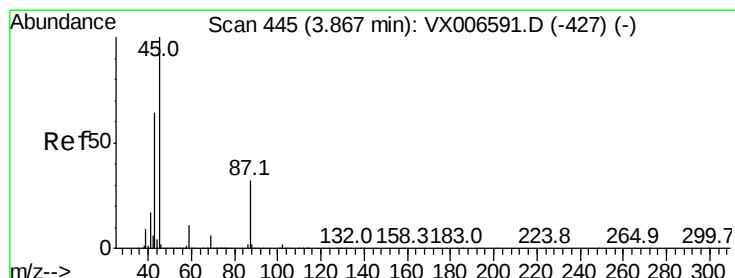
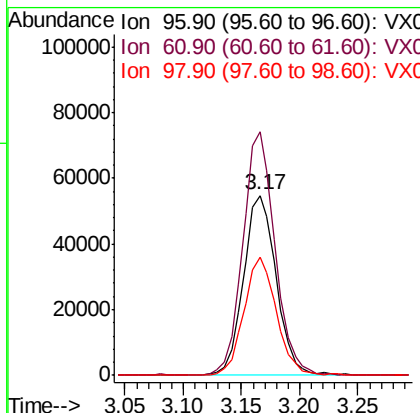
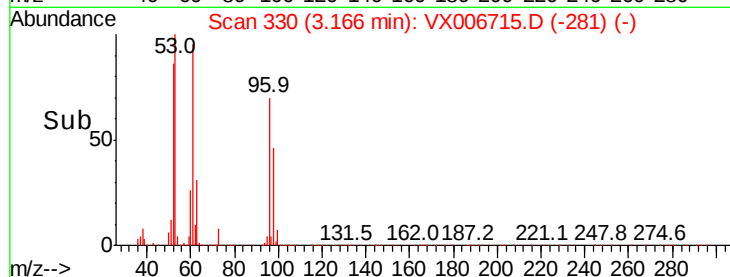
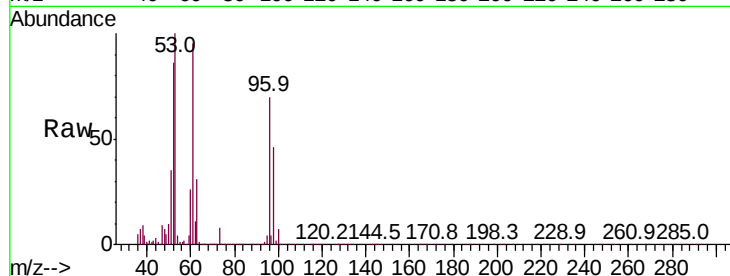
96 100

61 135.3 103.7 155.5

98 65.2 51.0 76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.979 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion: 45 Resp: 327363

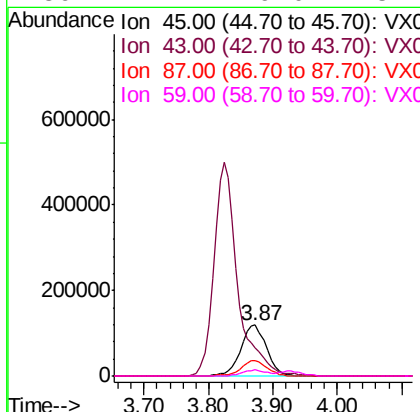
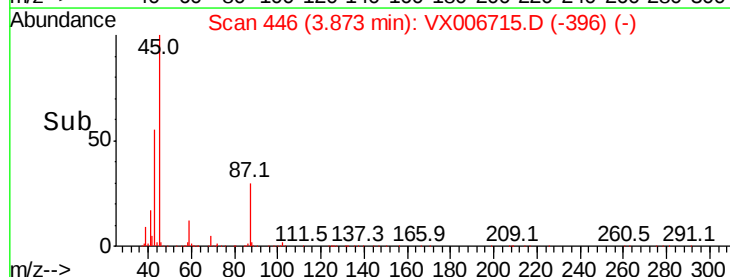
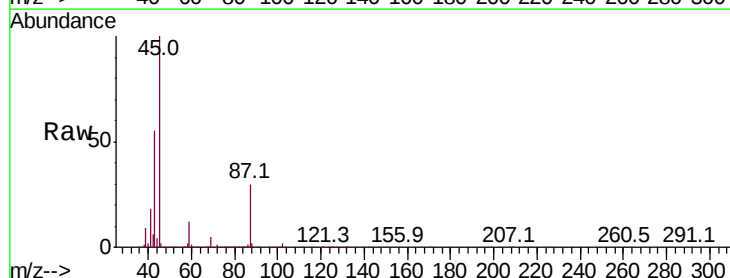
Ion Ratio Lower Upper

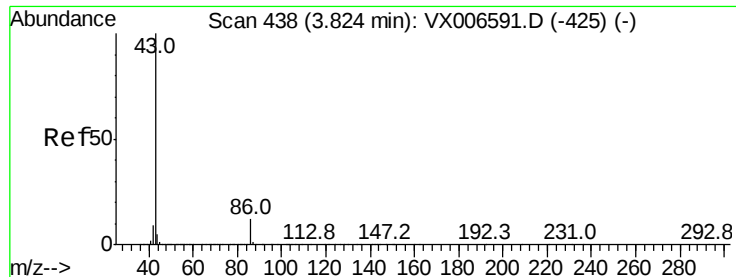
45 100

43 55.1 51.2 76.8

87 30.2 25.8 38.6

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 96.646 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 43 Resp: 1295358

Ion Ratio Lower Upper

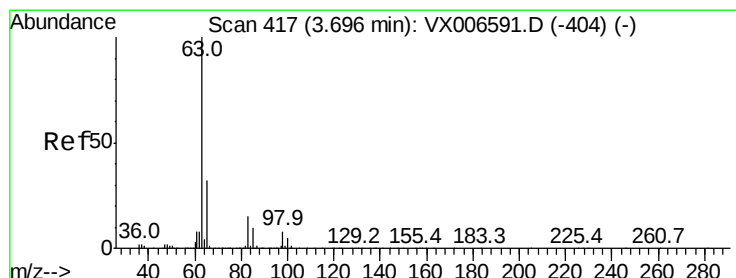
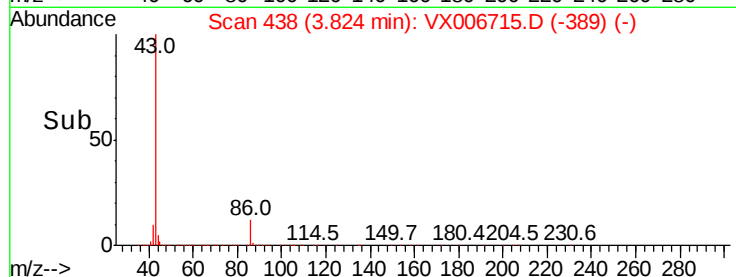
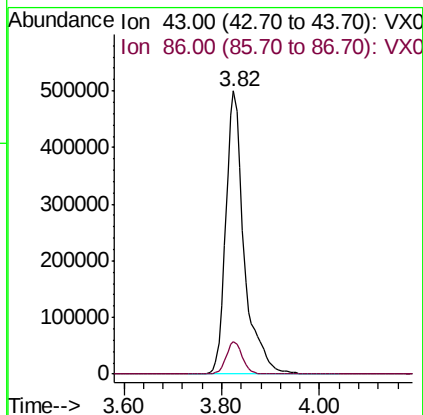
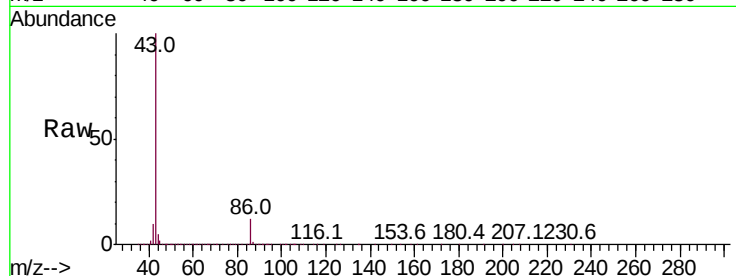
43 100

86 11.7 9.2 13.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.380 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

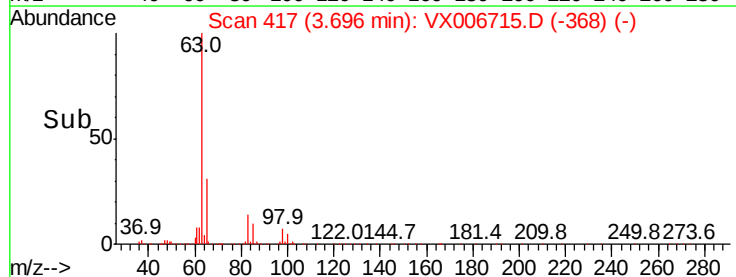
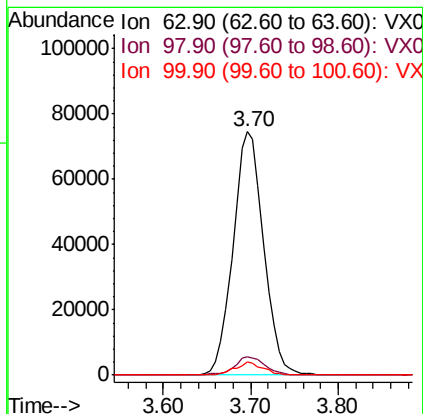
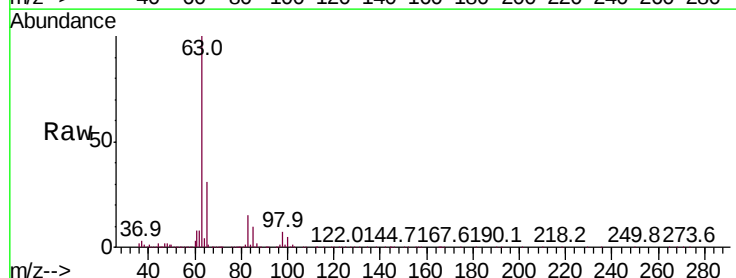
Tgt Ion: 63 Resp: 179783

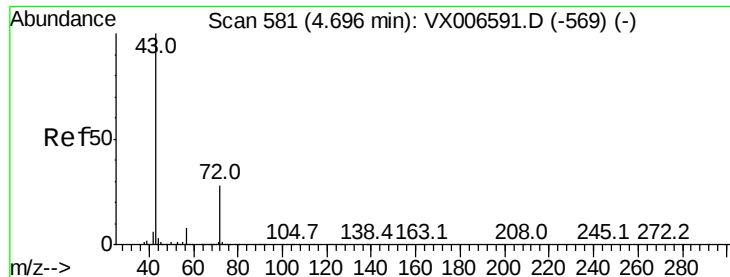
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 101.334 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 43 Resp: 420339

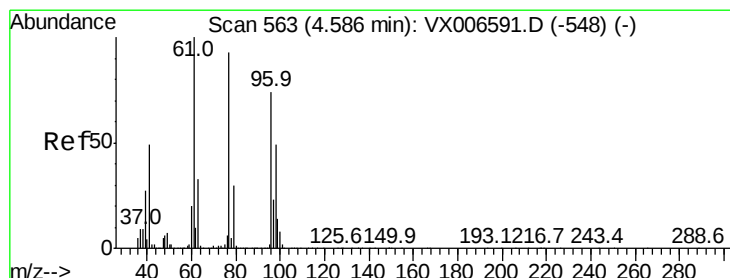
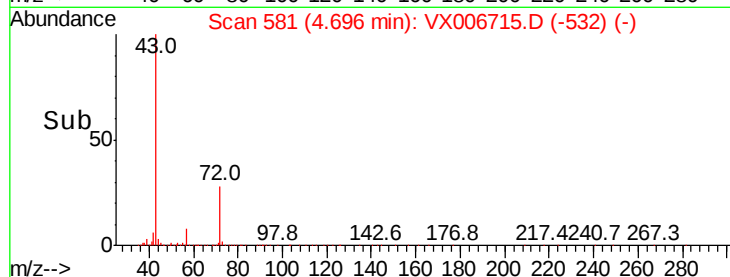
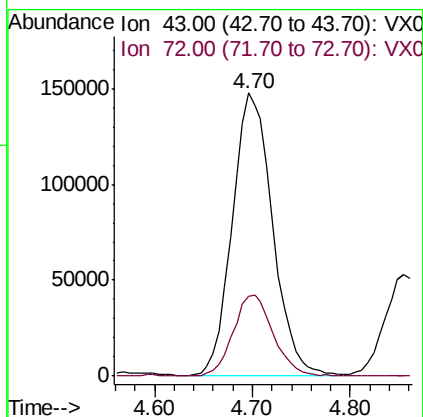
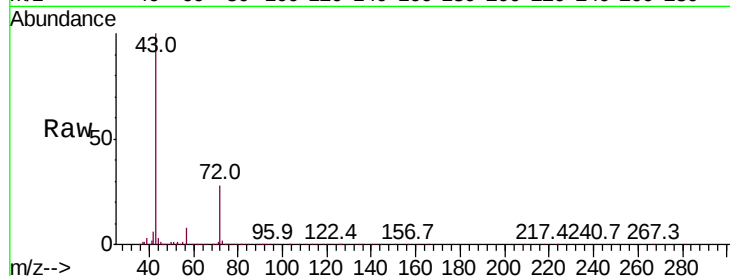
Ion Ratio Lower Upper

43 100

72 28.1 22.4 33.6

Manual Integrations
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12/22/2018 11:20:57 AM



#26

2,2-Dichloropropane

Concen: 16.804 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006715.D

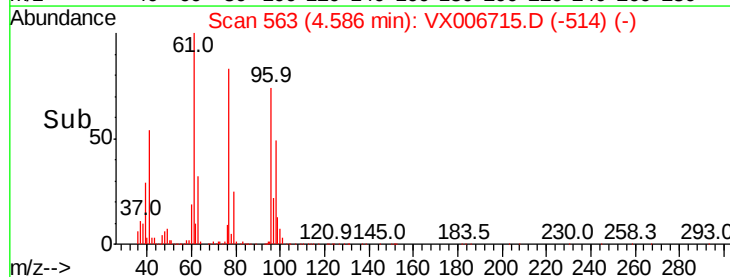
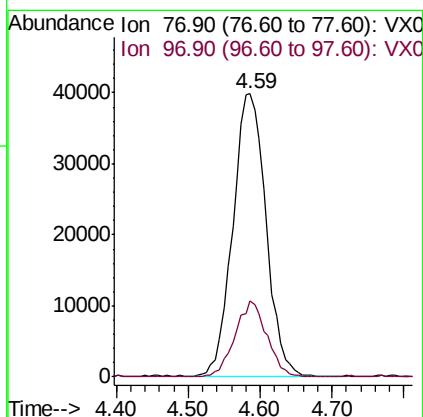
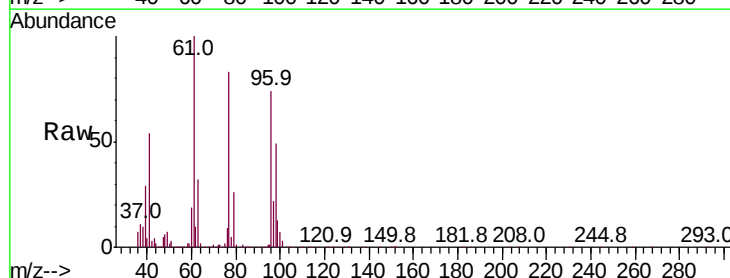
Acq: 21 Dec 2018 11:29

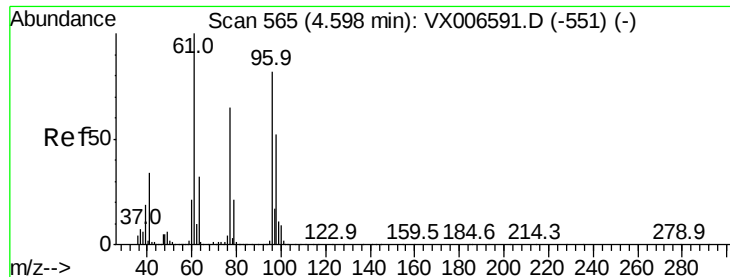
Tgt Ion: 77 Resp: 126967

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

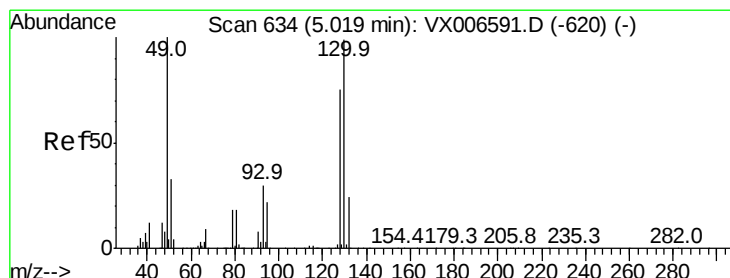
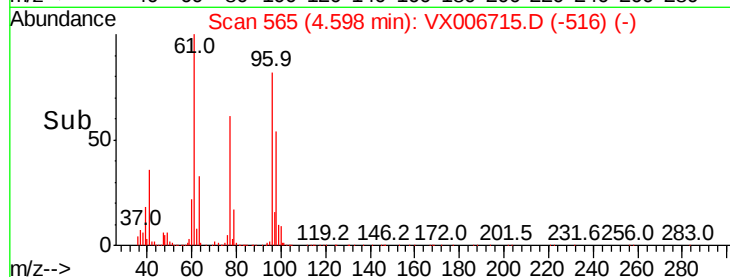
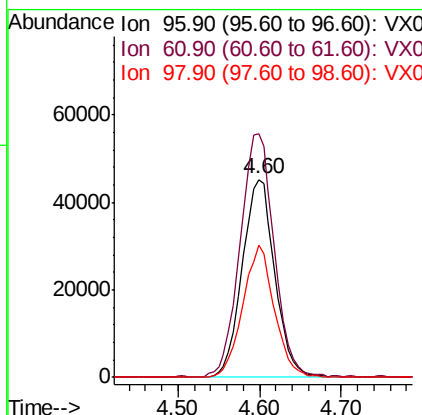
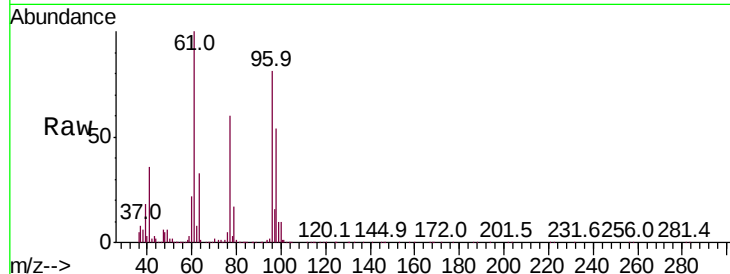
cis-1,2-Dichloroethene
Concen: 19.339 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	125796		
61	127.5	0.0	258.6	
98	64.8	0.0	132.0	

Manual Integrations
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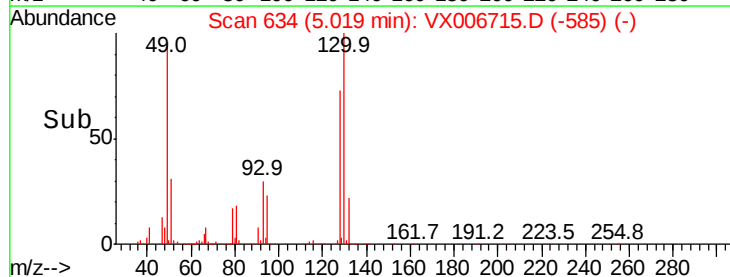
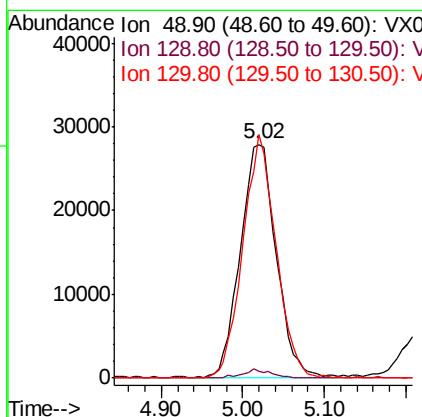
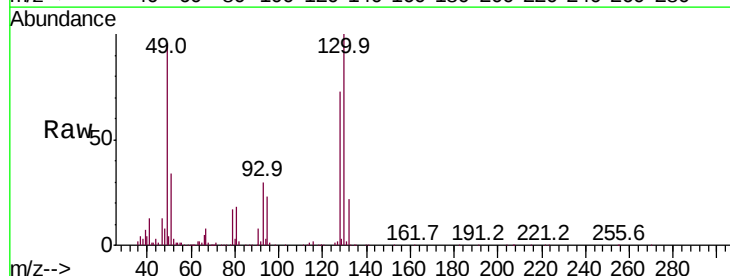
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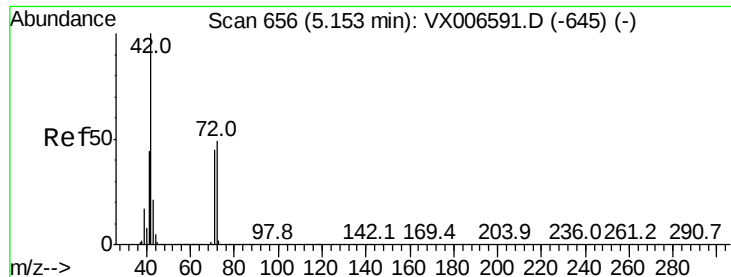


#28

Bromochloromethane
Concen: 19.747 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86047		
129	3.0	0.0	5.4	
130	95.9	77.7	116.5	





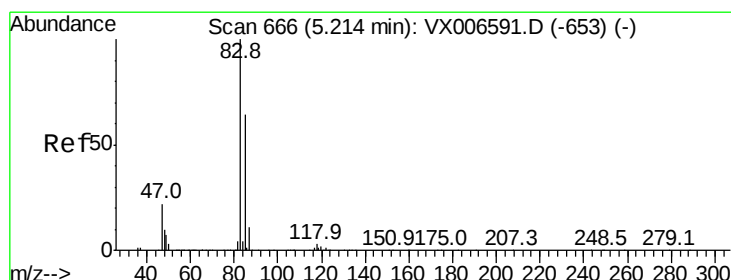
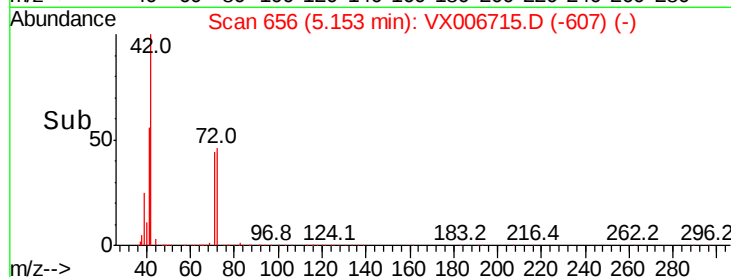
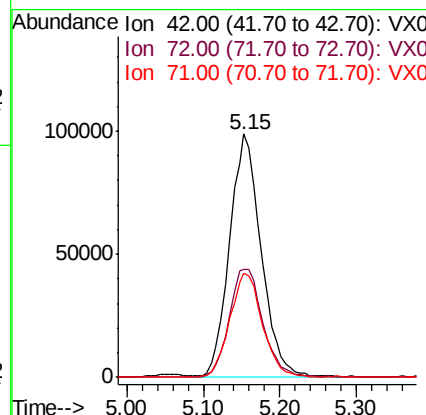
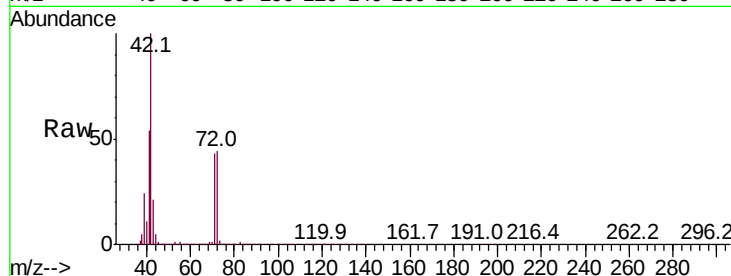
#29
Tetrahydrofuran
Concen: 102.858 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.9	58.3
71	44.5	36.2	54.4

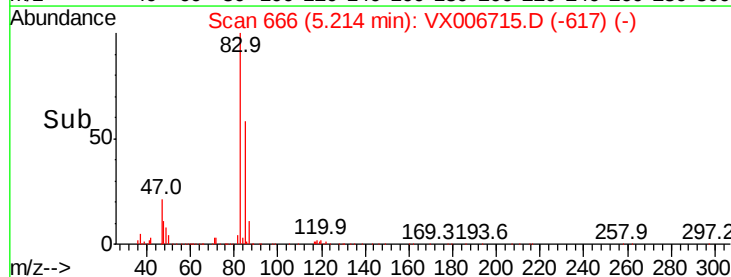
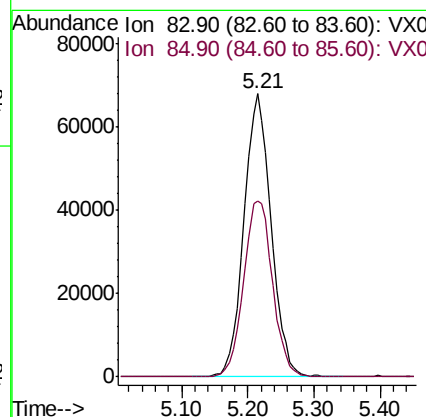
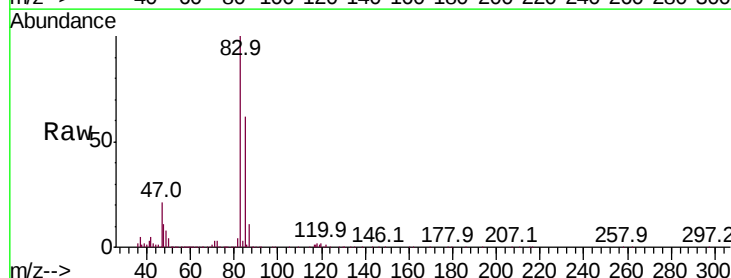
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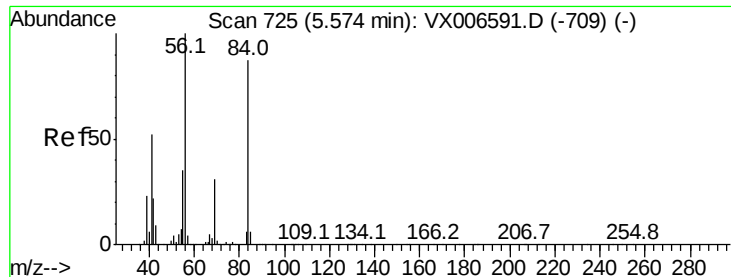
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#30
Chloroform
Concen: 19.158 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.2	76.8





#31

Cyclohexane

Concen: 19.027 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

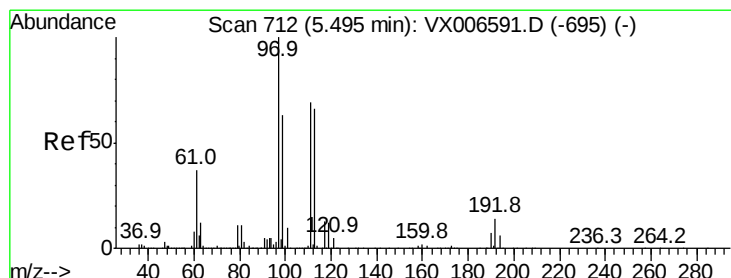
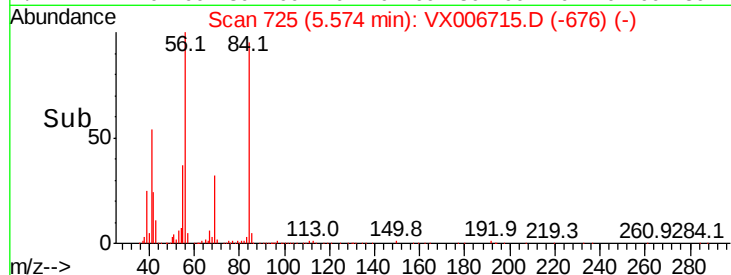
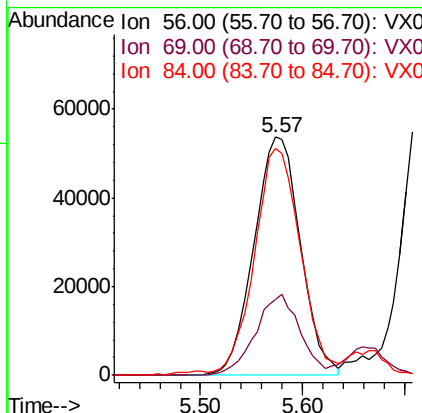
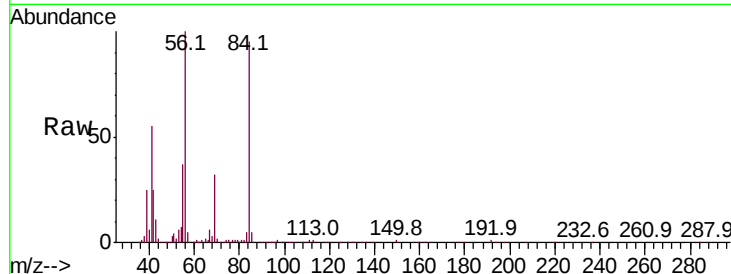
ClientSampleId :

VX1221WBS01

Tot Ion:	56	Resp:	169076
Ion Ratio	Lower	Upper	
56	100		
69	31.8	24.4	36.6
84	93.9	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 18.675 ug/l

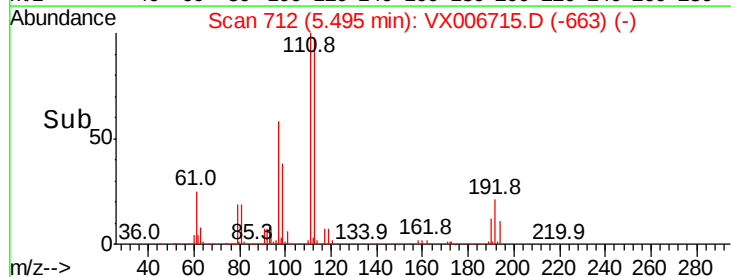
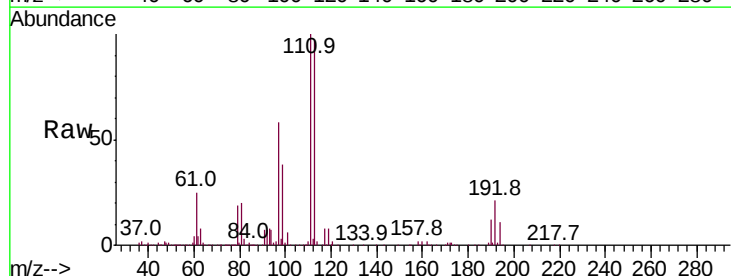
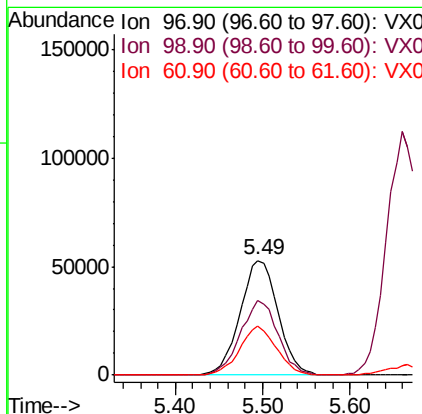
RT: 5.49 min Scan# 712

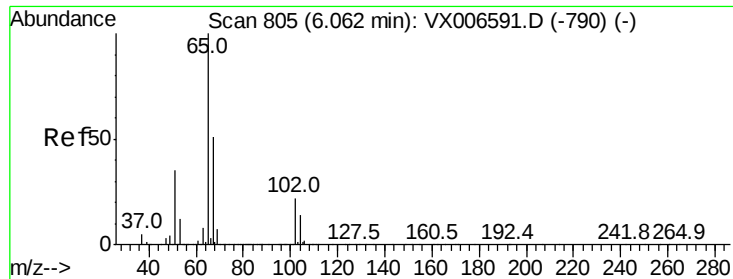
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:	97	Resp:	159728
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 47.886 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 65 Resp: 307364

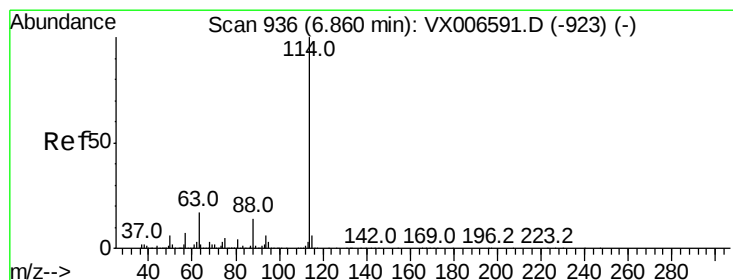
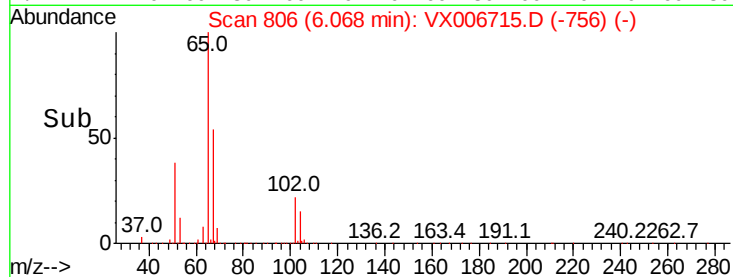
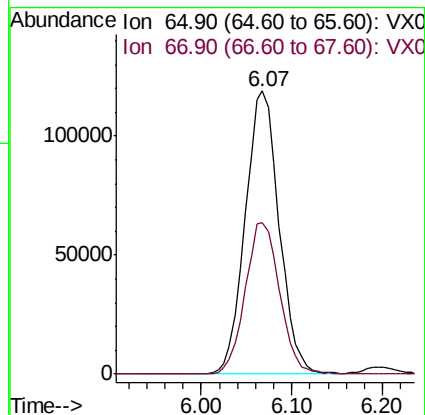
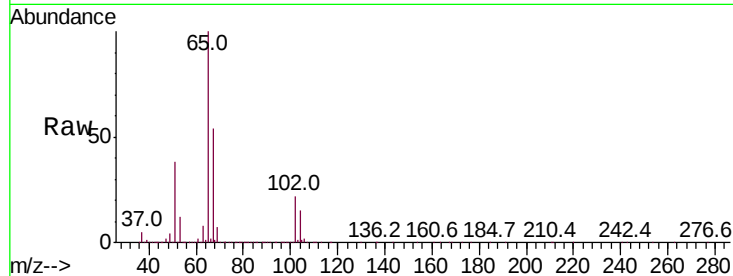
Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

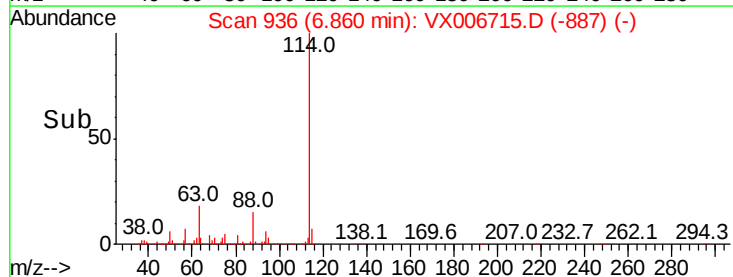
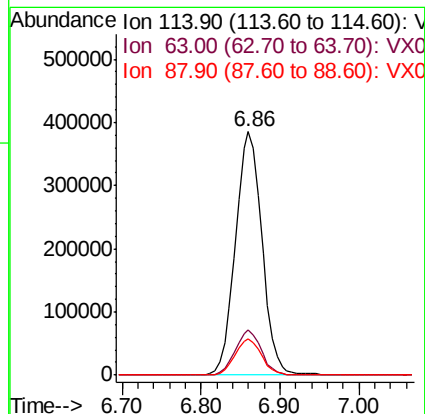
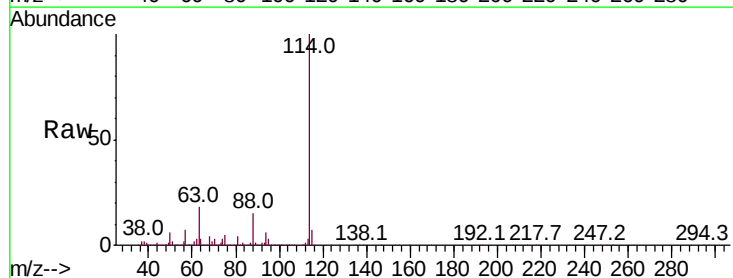
Tgt Ion: 114 Resp: 903537

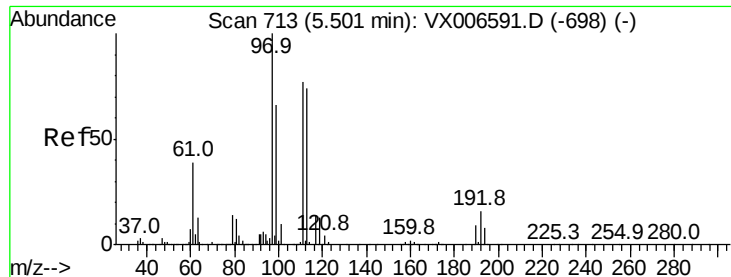
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.891 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

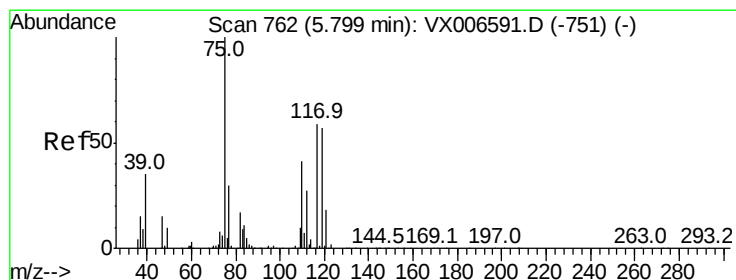
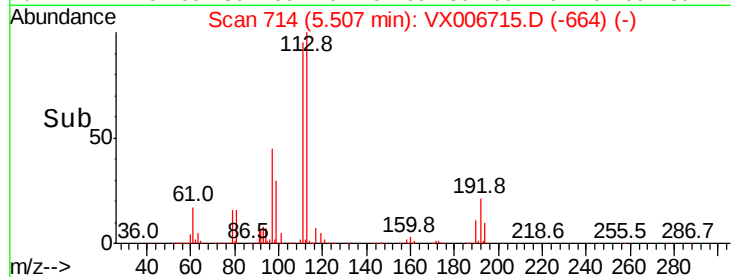
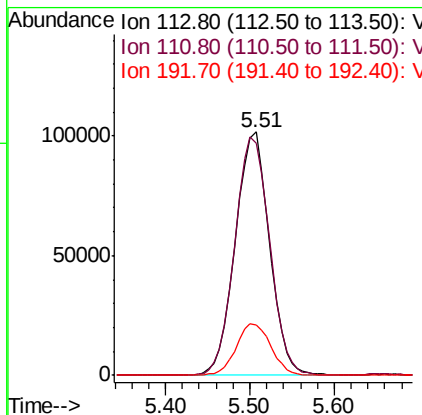
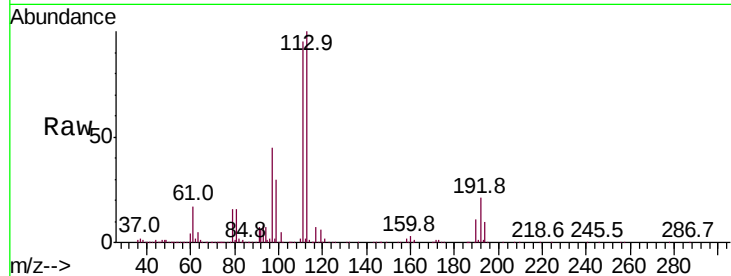
ClientSampleId :

VX1221WBS01

Tot Ion:	113	Resp:	279355
Ion Ratio	Lower	Upper	
113	100		
111	100.5	81.6	122.4
192	21.6	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 19.185 ug/l

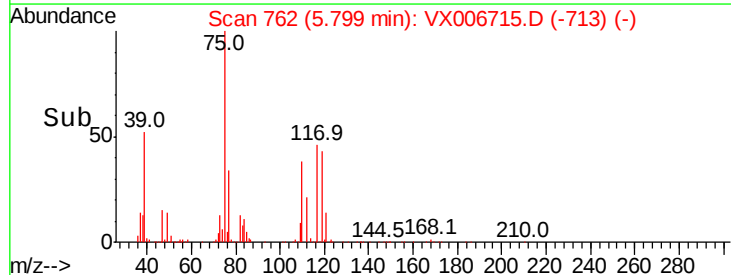
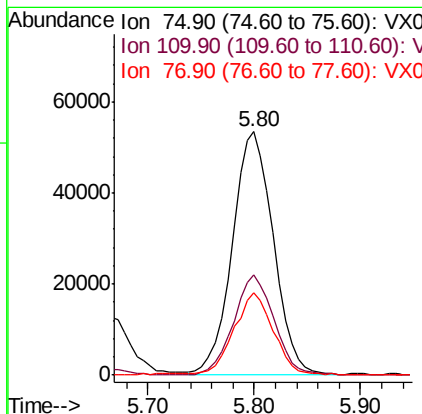
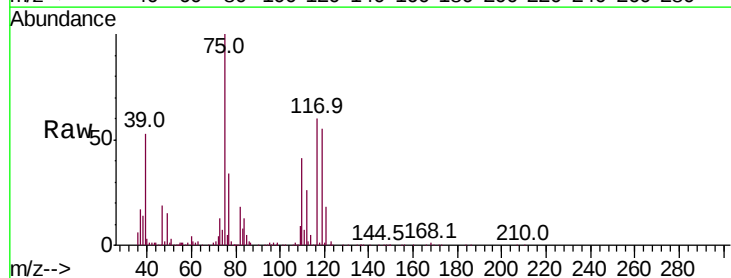
RT: 5.80 min Scan# 762

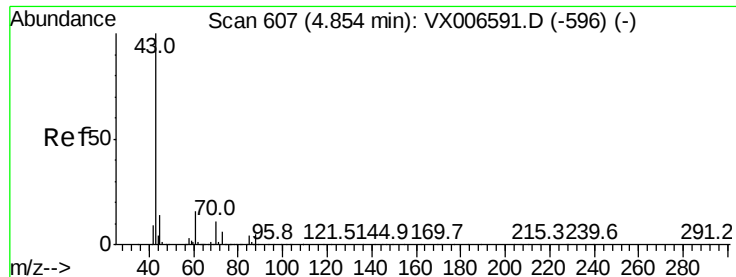
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:	75	Resp:	143568
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.2	60.5
77	33.0	24.8	37.2





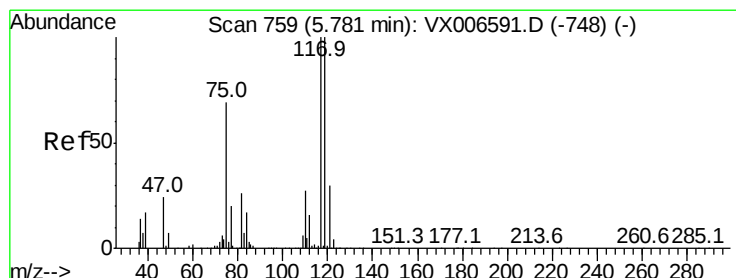
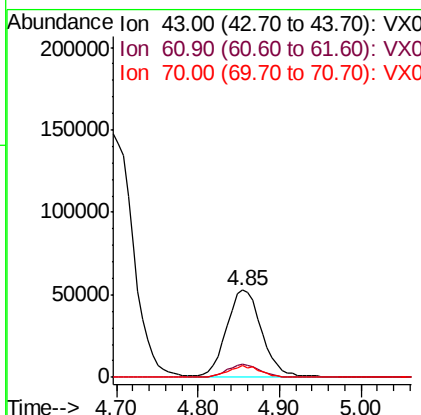
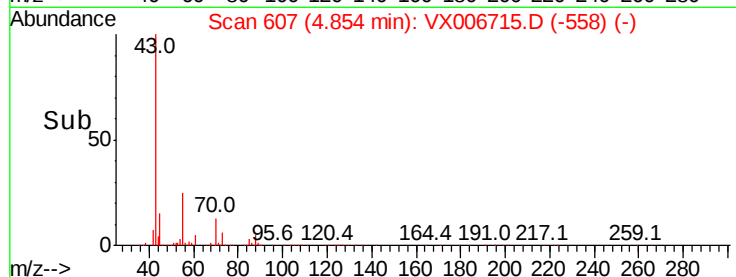
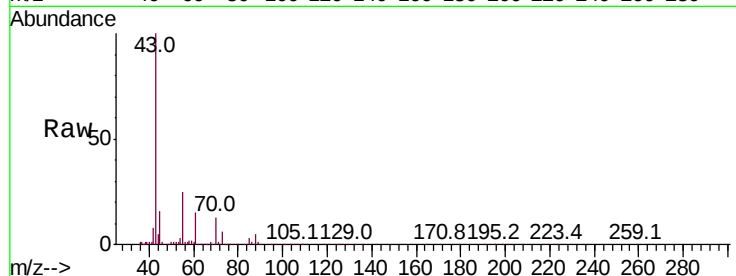
#37
Ethyl Acetate
Concen: 20.052 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	12.3	9.7	14.5

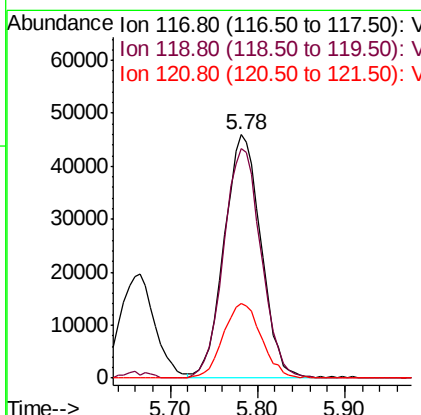
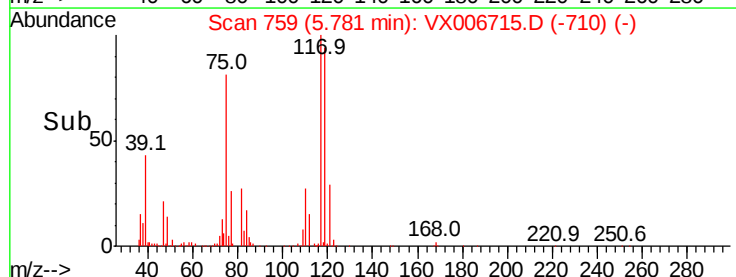
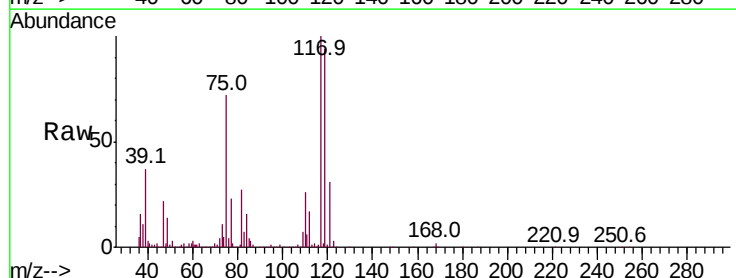
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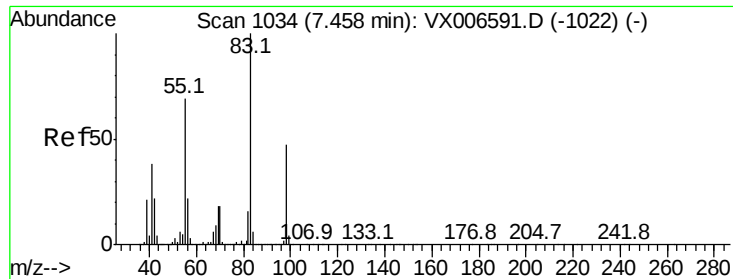
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#38
Carbon Tetrachloride
Concen: 18.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.4	119.2
121	30.6	24.0	36.0





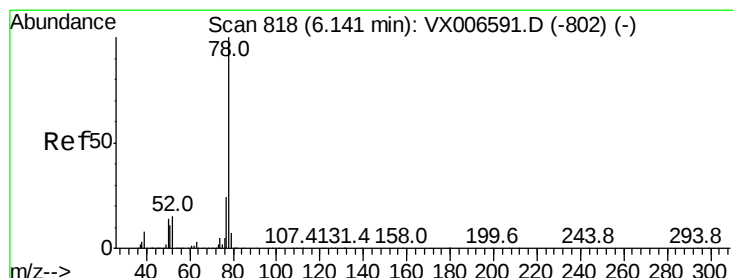
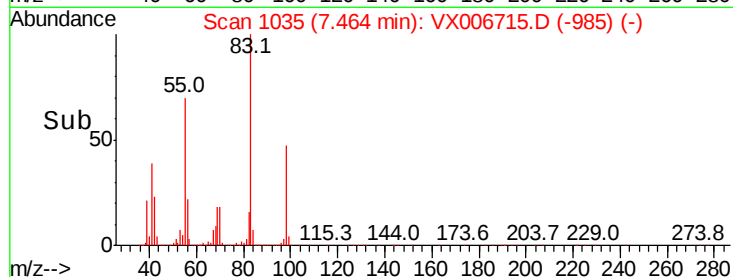
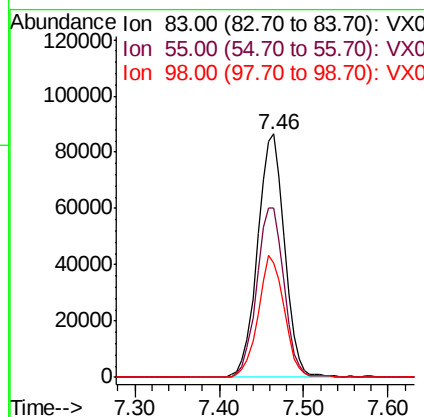
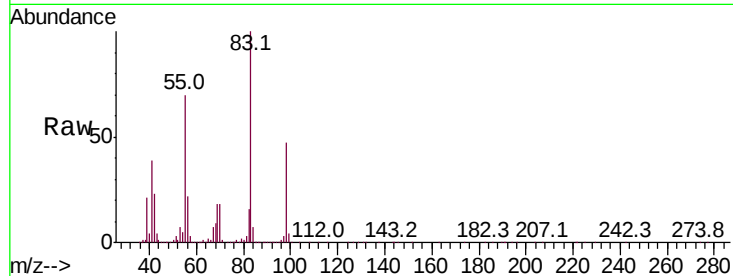
#39
Methvlcvclohexane
Concen: 19.412 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191245		
55	69.3		54.9	82.3
98	47.1		37.9	56.9

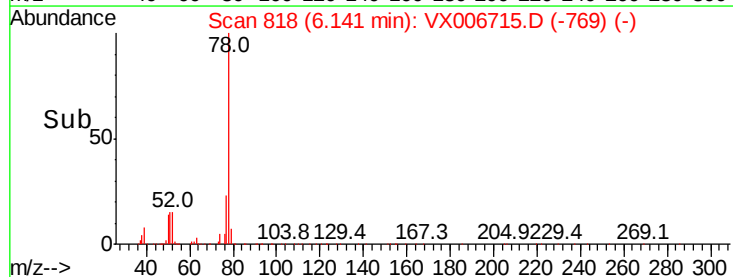
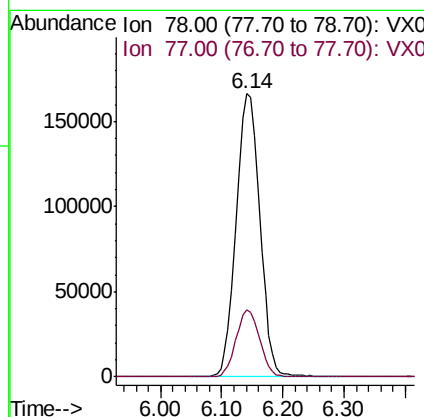
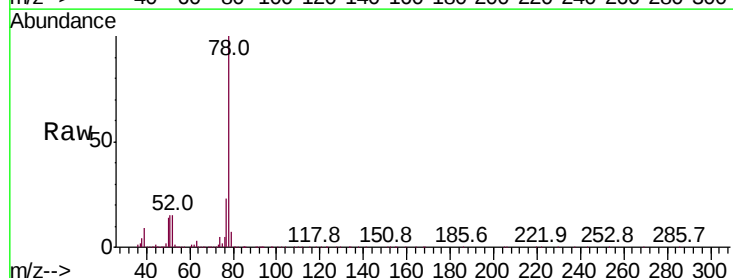
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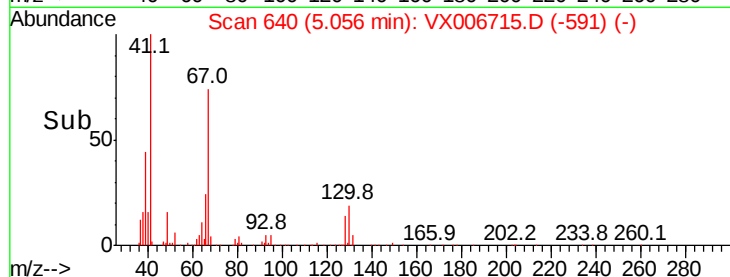
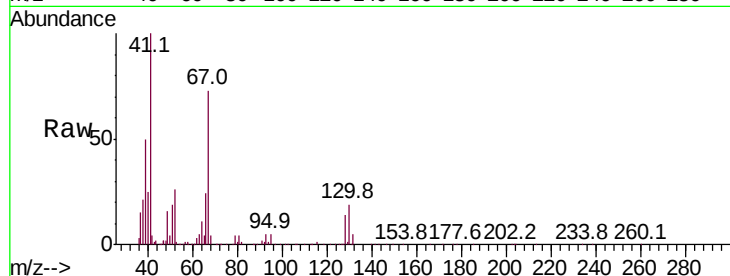
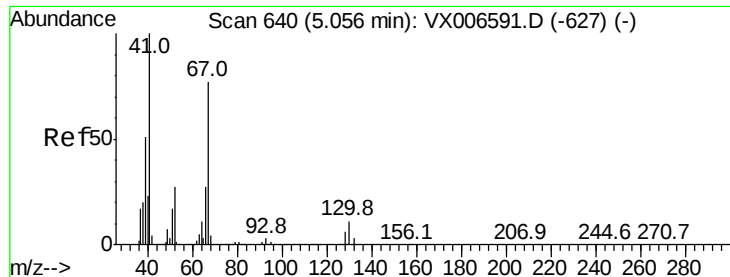
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#40
Benzene
Concen: 19.505 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	443690		
77	23.4		19.2	28.8





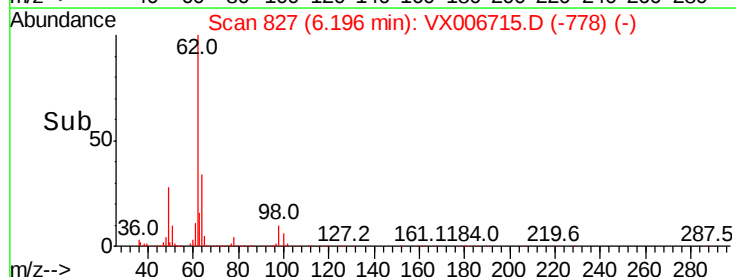
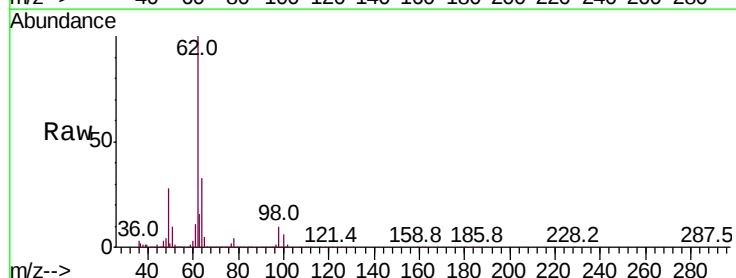
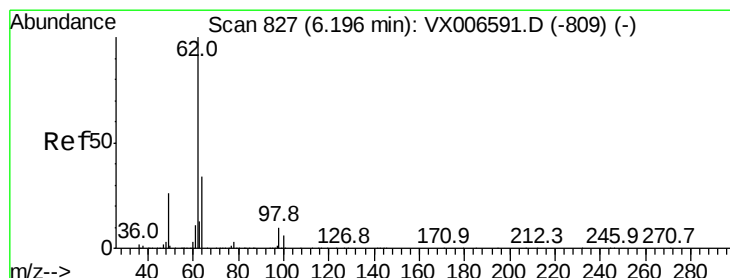
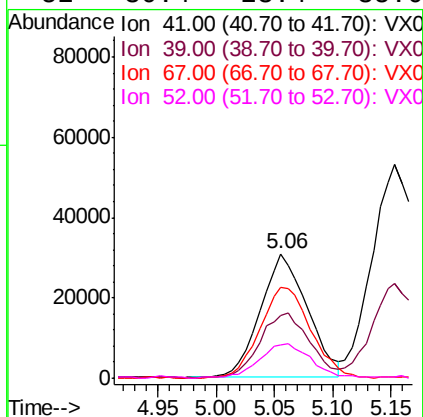
#41
Methacrylonitrile
Concen: 20.809 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		86052		
39	55.4	42.8	64.2		
67	80.0	62.1	93.1		
52	30.4	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

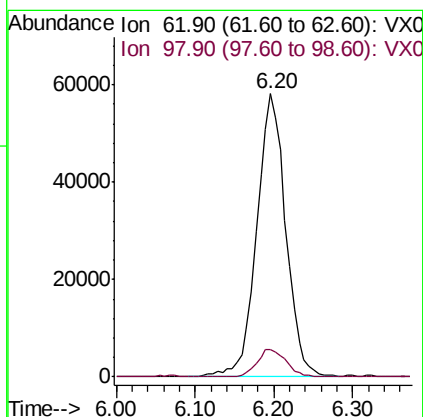
Manual Integrations
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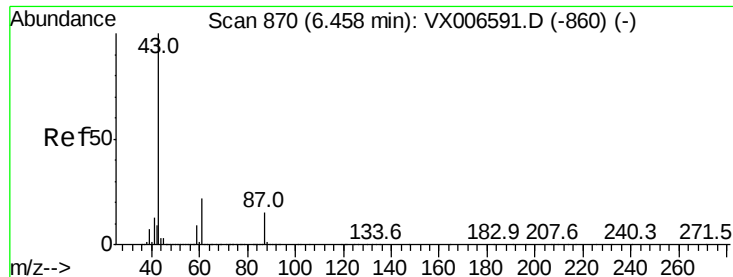
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.201 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		148832		
98	9.9	0.0	20.2		





#43

Isopropyl Acetate

Concen: 19.897 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

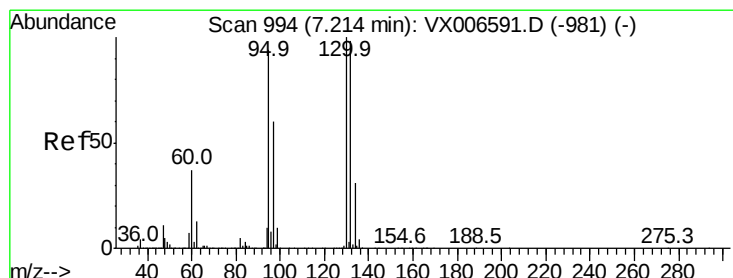
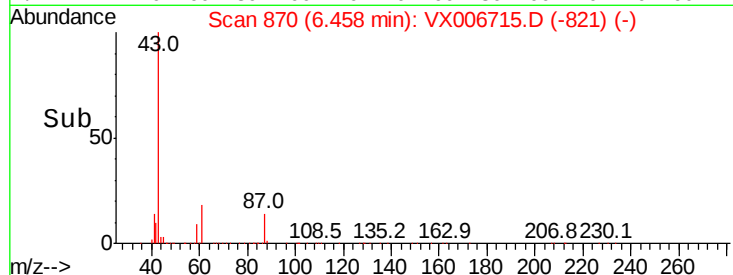
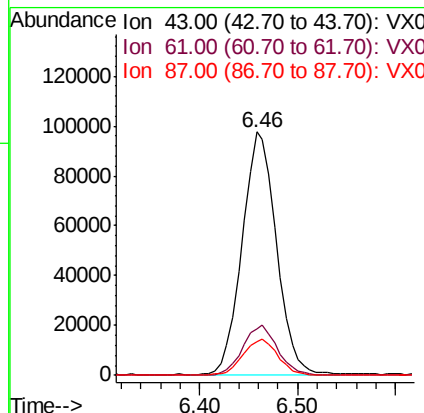
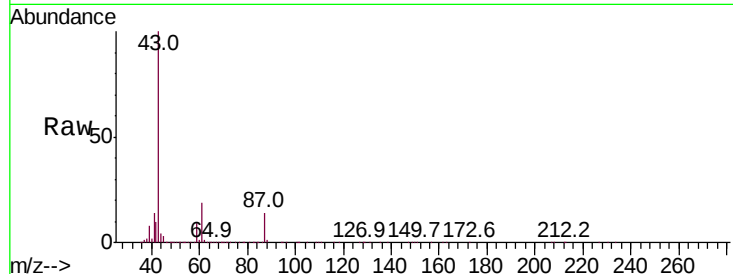
ClientSampleId :

VX1221WBS01

Tot Ion:	43	Resp:	235801
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	12.4	18.6

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#44

Trichloroethene

Concen: 18.899 ug/l

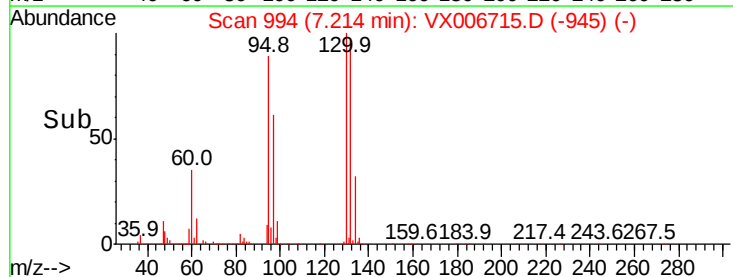
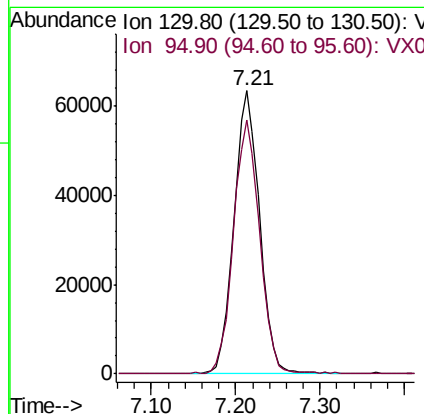
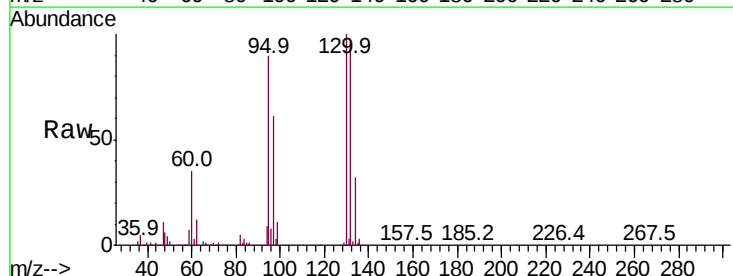
RT: 7.21 min Scan# 994

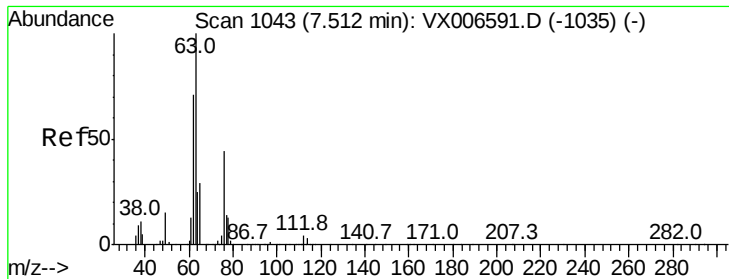
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:	130	Resp:	130117
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	187.0





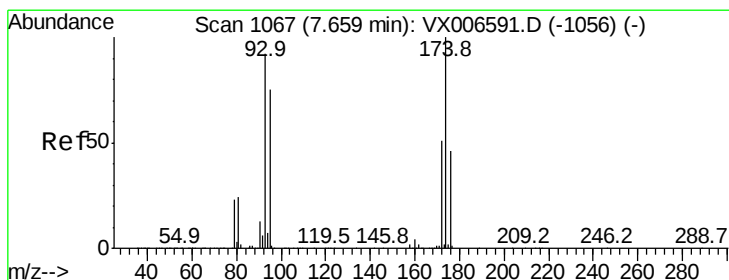
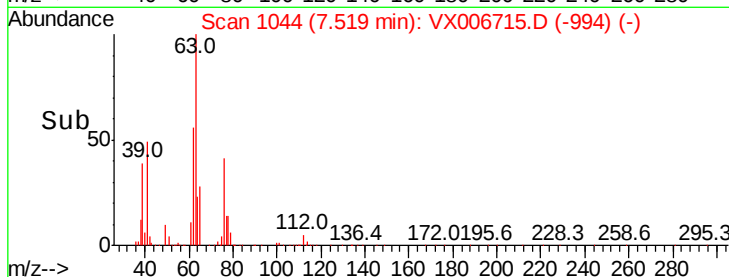
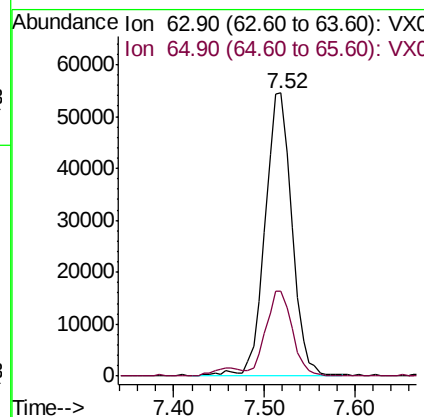
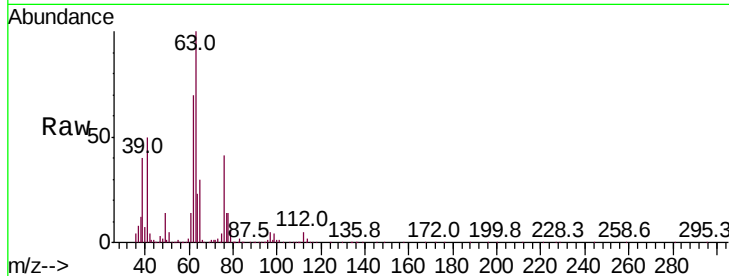
#45
 1,2-Dichloropropane
 Concen: 20.285 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.4	38.0

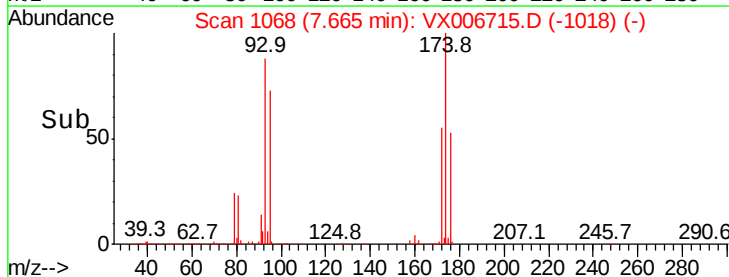
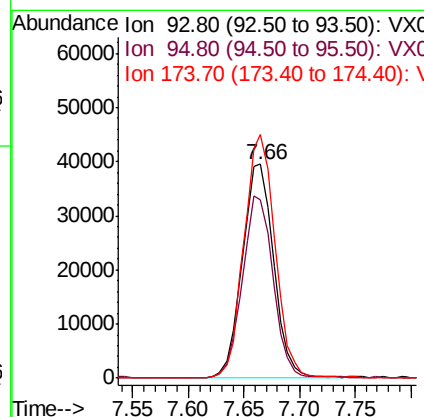
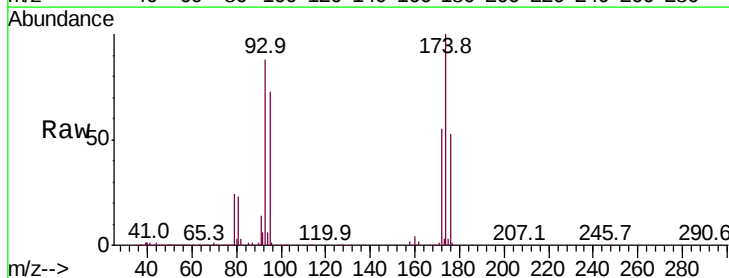
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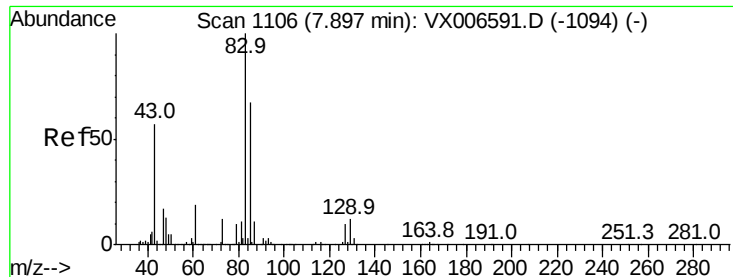
MMDadoda
 12/22/2018 11:20:57 AM



#46
 Dibromomethane
 Concen: 19.035 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.2	99.4
174	112.9	91.0	136.4





#47

Bromodichloromethane

Concen: 18.458 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

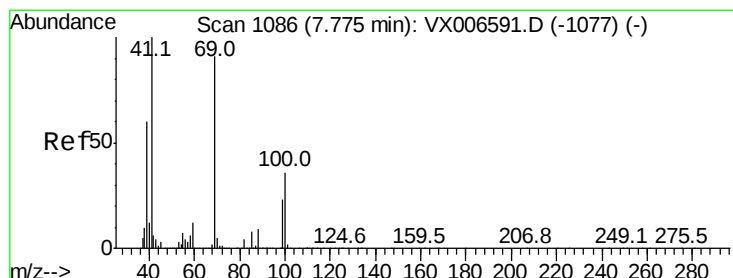
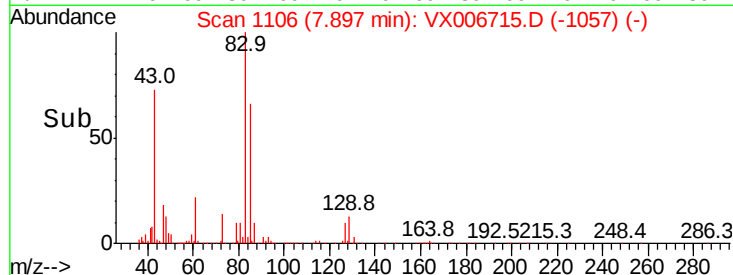
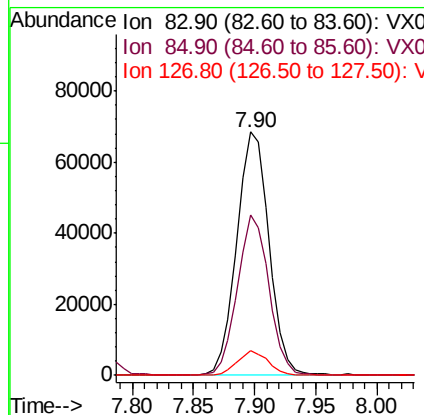
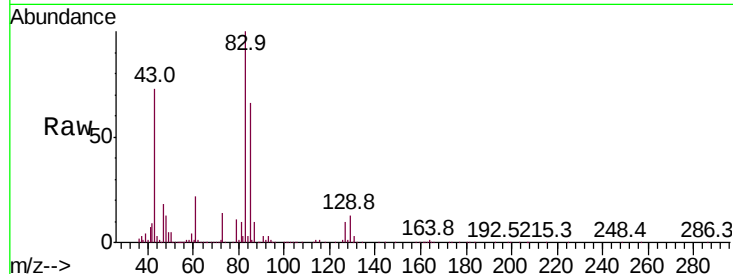
ClientSampleId :

VX1221WBS01

Tot Ion	83	Resp	124776
Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.2	79.8
127	10.0	7.8	11.6

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#48

Methyl methacrylate

Concen: 20.957 ug/l

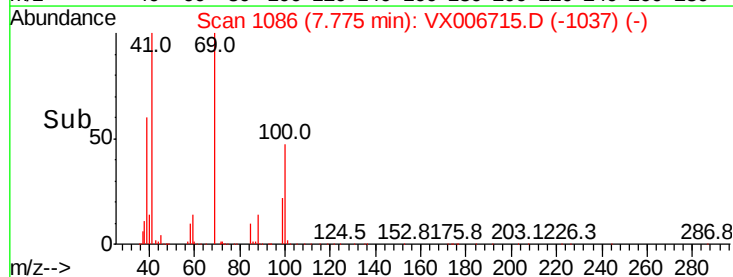
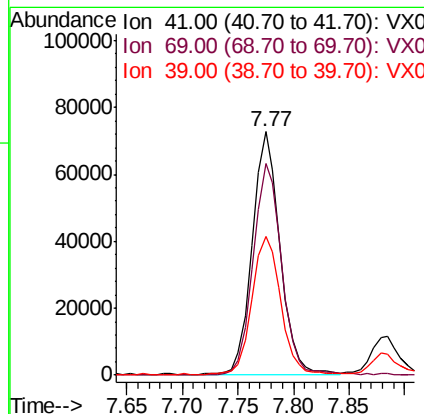
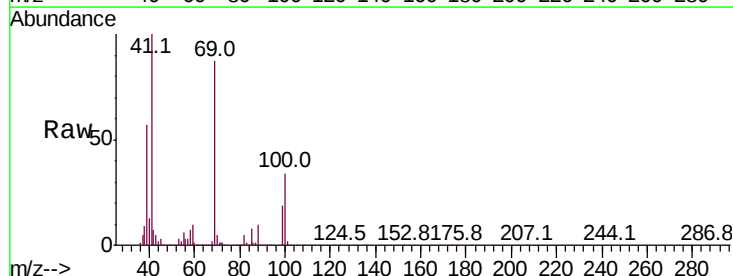
RT: 7.77 min Scan# 1086

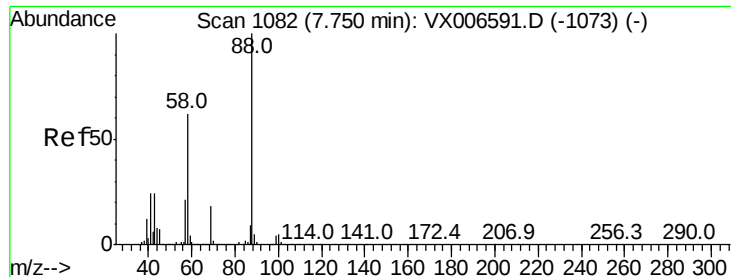
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion	41	Resp	126301
Ion	Ratio	Lower	Upper
41	100		
69	89.6	72.4	108.6
39	58.9	45.8	68.8





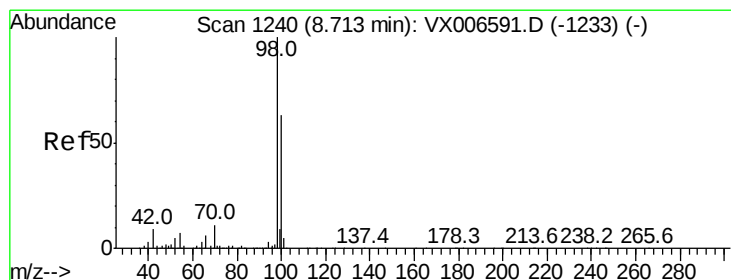
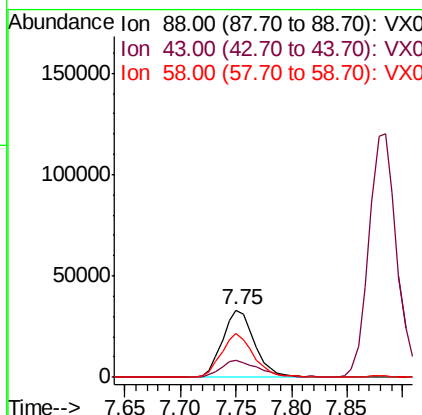
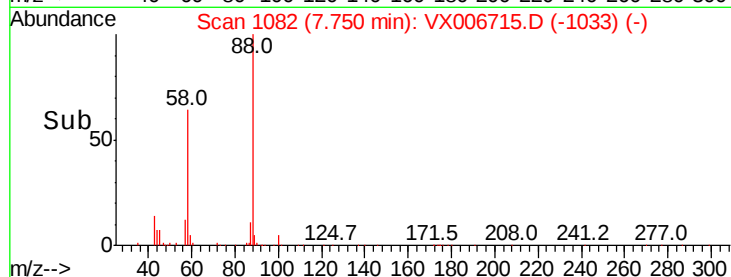
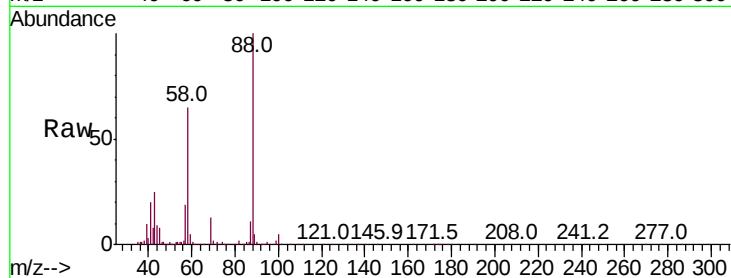
#49
1,4-Dioxane
Concen: 406.989 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	22.2	33.4
58	66.1	51.0	76.4

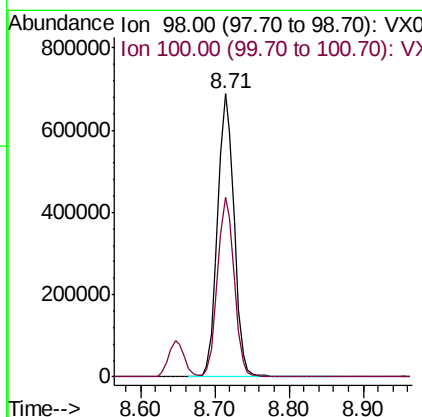
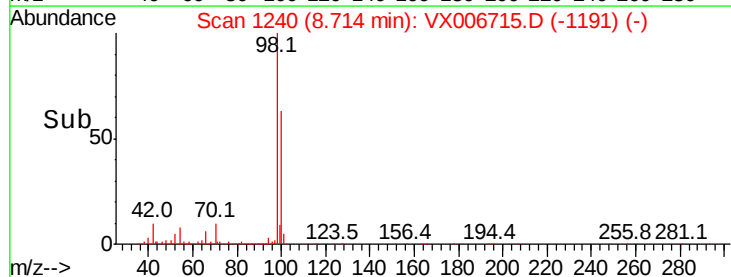
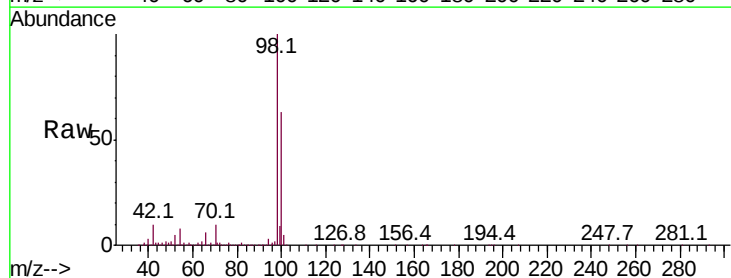
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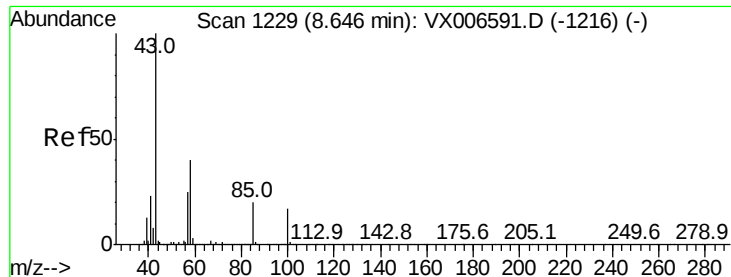
MMDadoda
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#50
Toluene-d8
Concen: 49.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





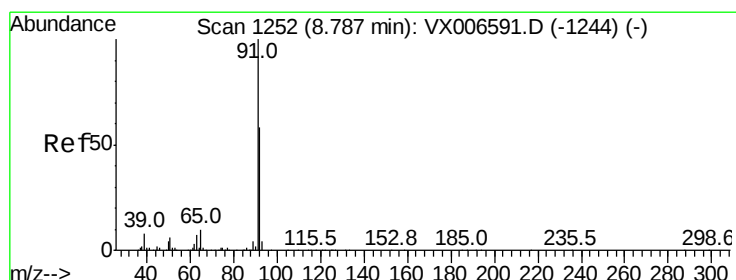
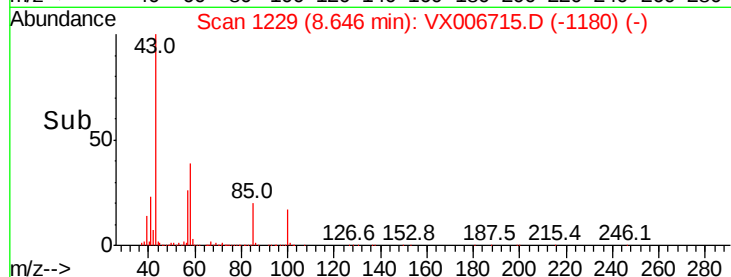
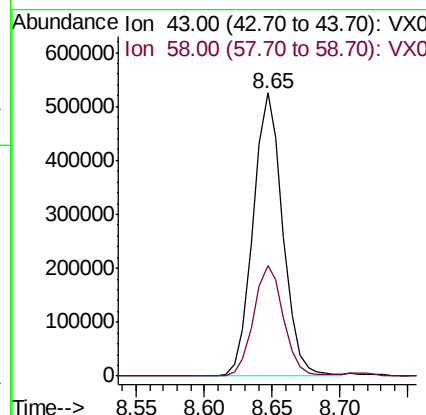
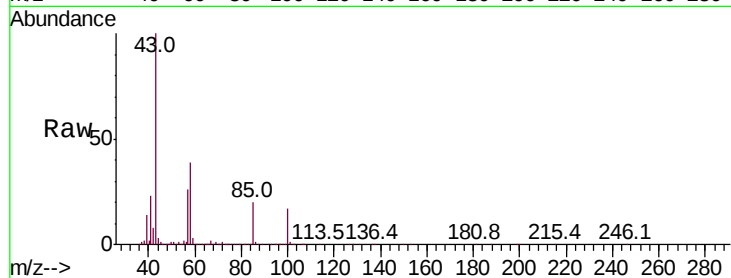
#51
4-Methyl-2-Pentanone
Concen: 106.518 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.8	47.6

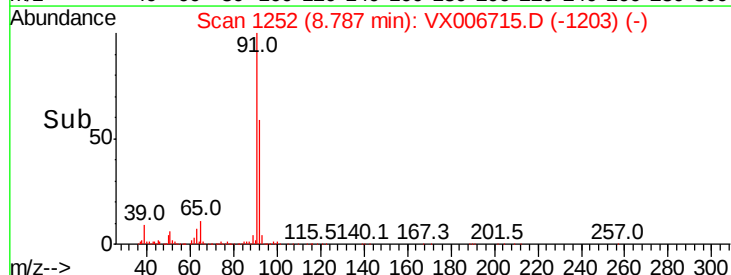
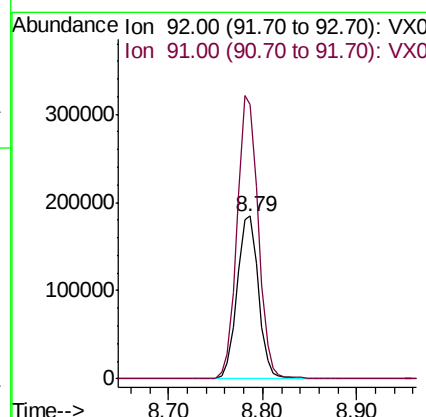
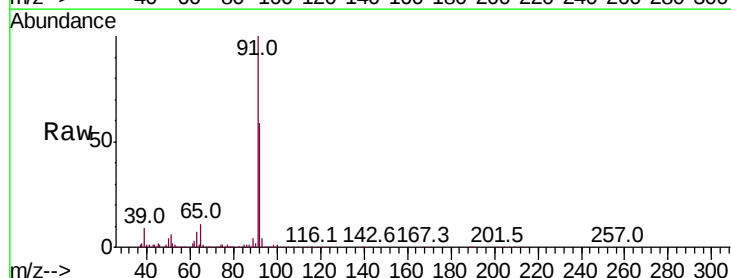
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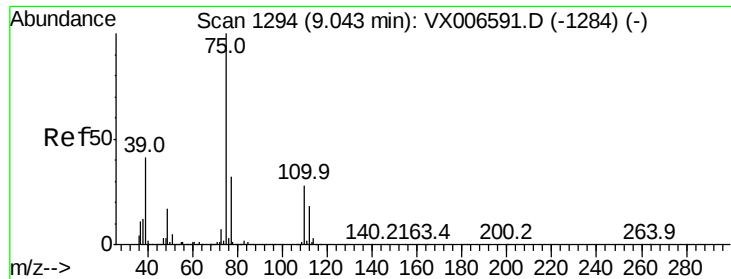
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#52
Toluene
Concen: 19.916 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	137.6	206.4





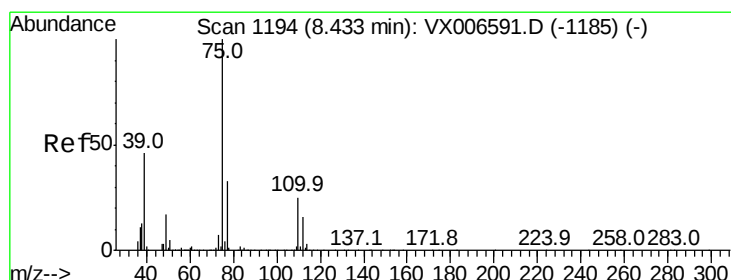
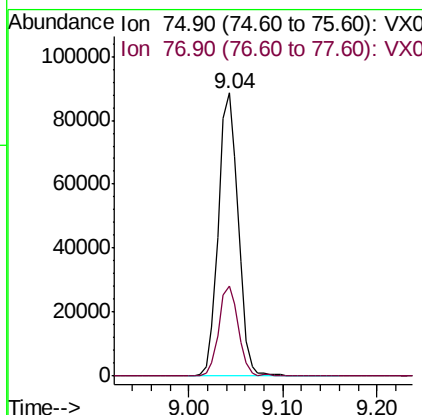
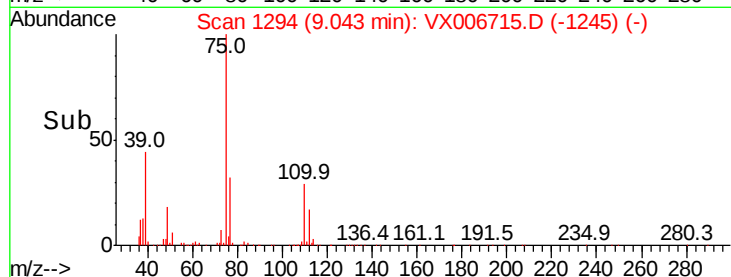
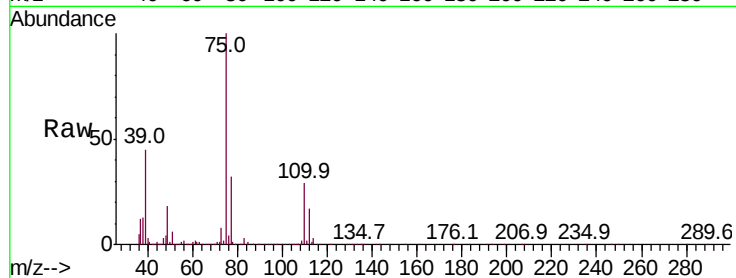
#53
 t-1,3-Dichloropropene
 Concen: 17.870 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tot Ion: 75 Resp: 129551
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

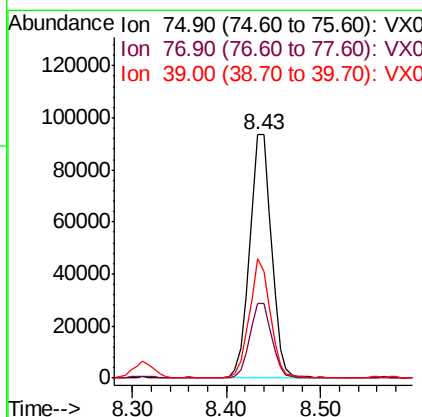
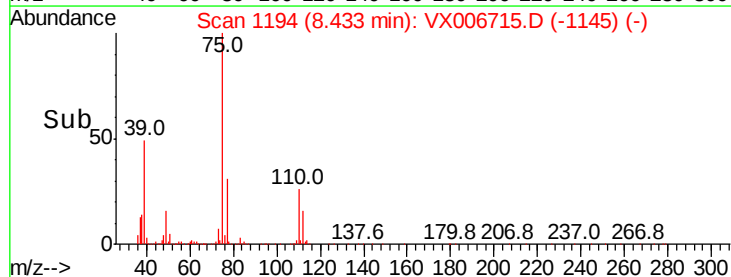
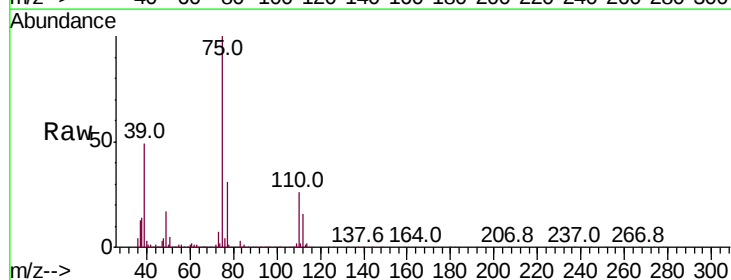
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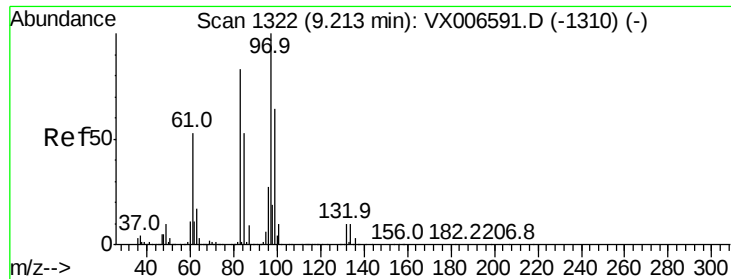
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#54
 cis-1,3-Dichloropropene
 Concen: 19.039 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion: 75 Resp: 151451
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2
 39 48.5 36.7 55.1





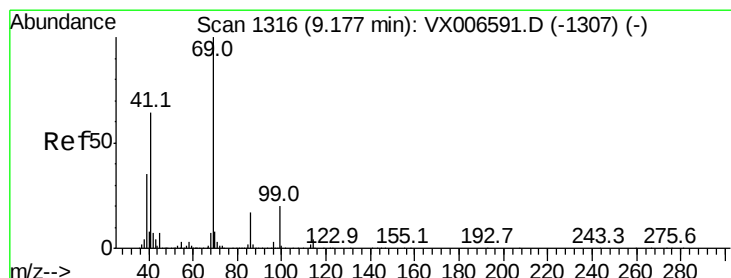
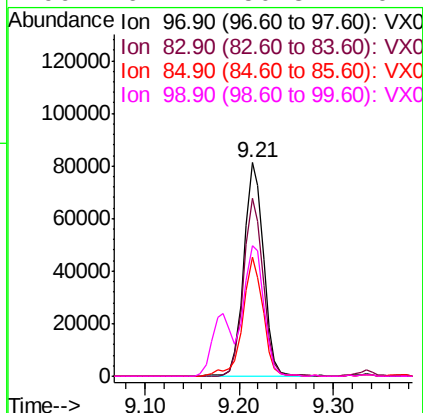
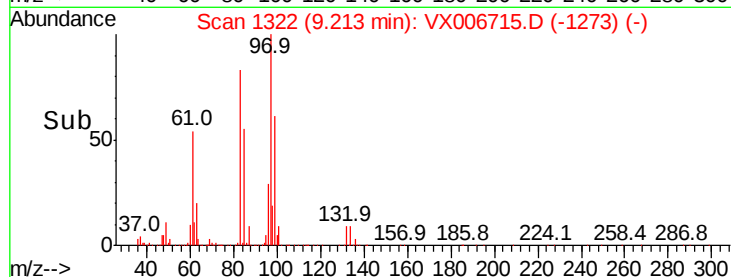
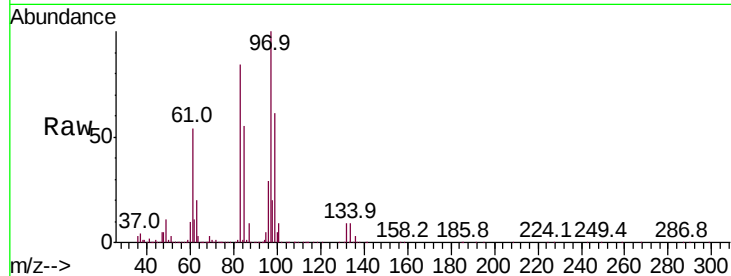
#55
 1,1,2-Trichloroethane
 Concen: 19.769 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	118911		
83	83.6	66.6	99.8	
85	55.3	42.7	64.1	
99	61.2	50.8	76.2	

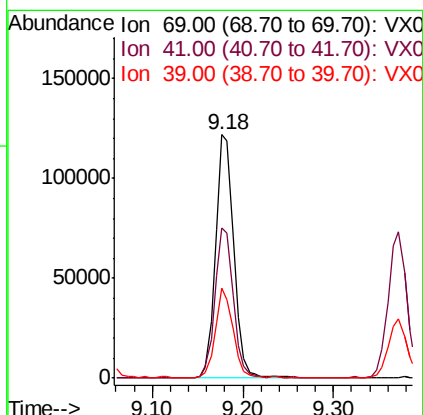
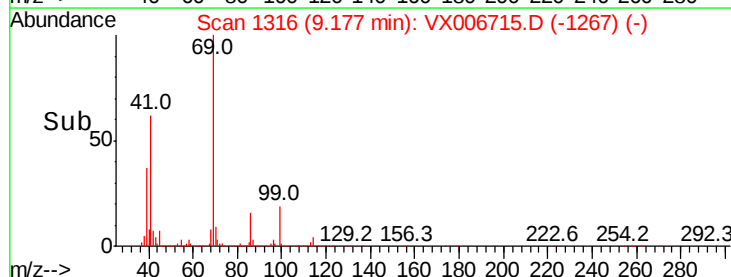
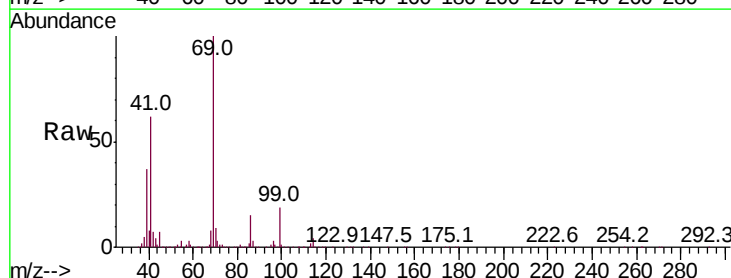
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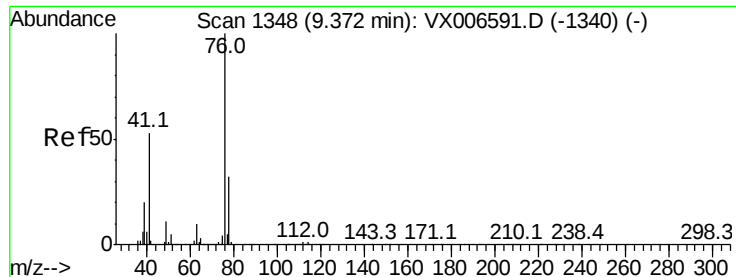
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#56
 Ethyl methacrylate
 Concen: 20.380 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	173265		
41	61.6	48.7	73.1	
39	35.2	27.0	40.6	





#57

1,3-Dichloropropane

Concen: 19.723 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampled :

VX1221WBS01

Tot Ion: 76 Resp: 190875

Ion Ratio Lower Upper

76 100

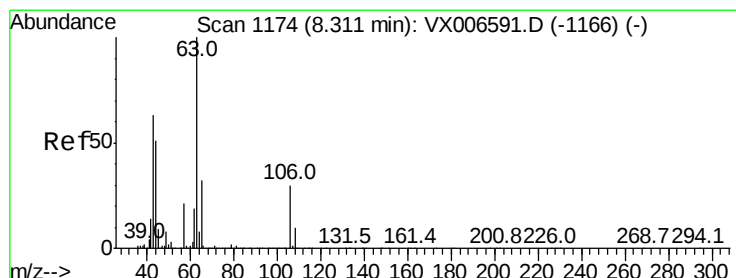
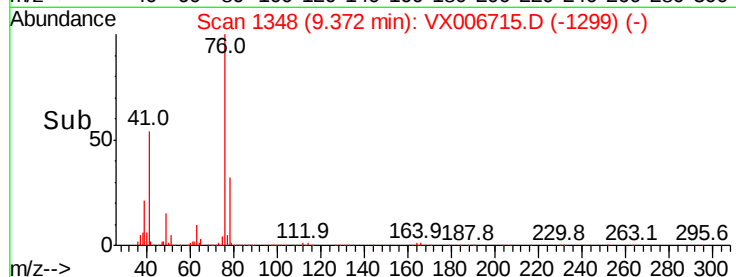
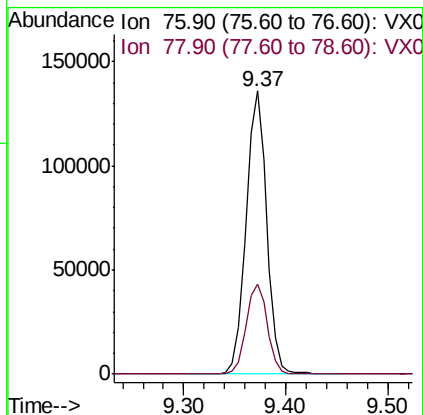
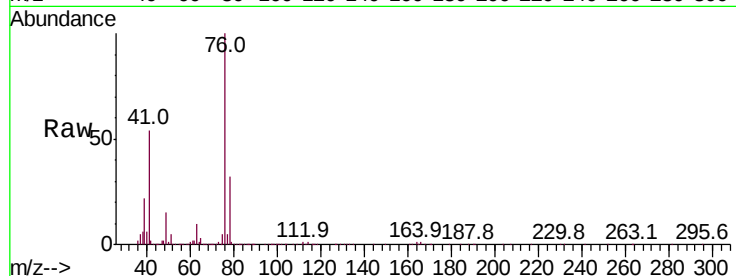
78 32.8 26.0 39.0

Manual Integrations

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MMDadoda

12/22/2018 11:20:57 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.964 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006715.D

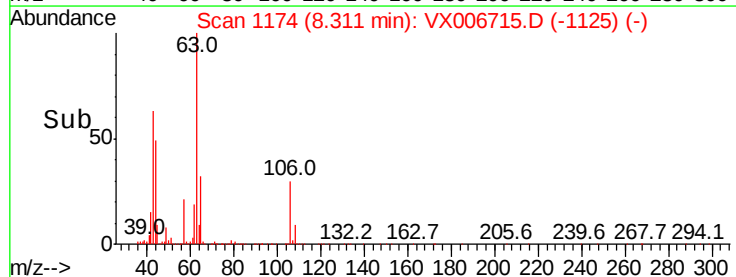
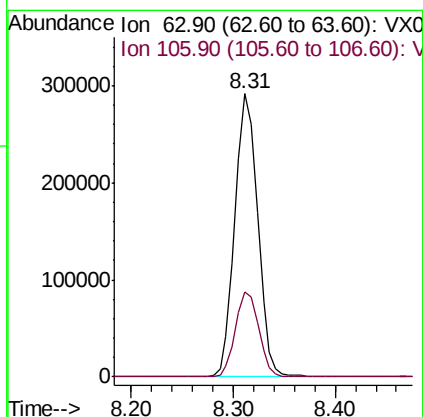
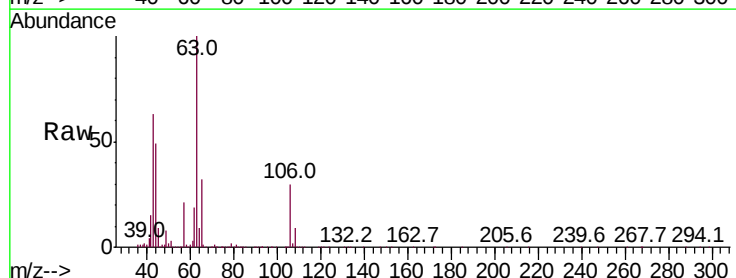
Acq: 21 Dec 2018 11:29

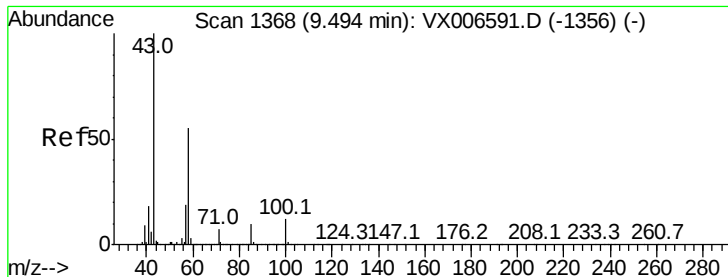
Tgt Ion: 63 Resp: 451754

Ion Ratio Lower Upper

63 100

106 30.8 24.6 36.8





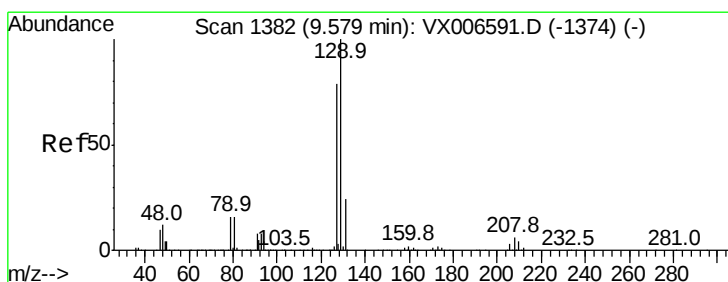
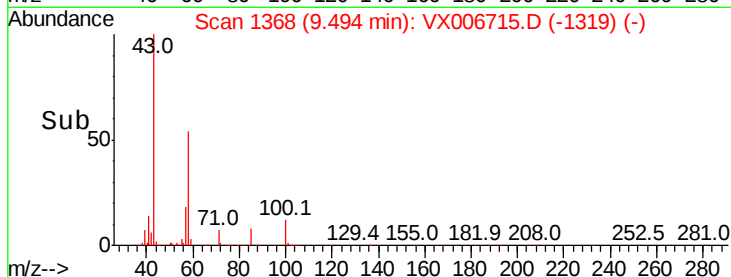
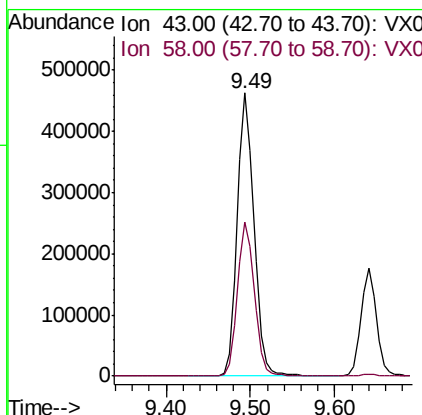
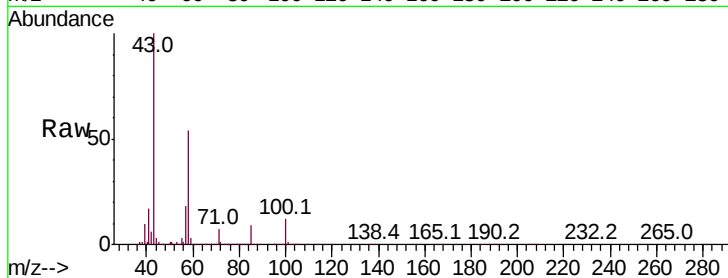
#59
2-Hexanone
Concen: 107.503 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion: 43 Resp: 620223
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

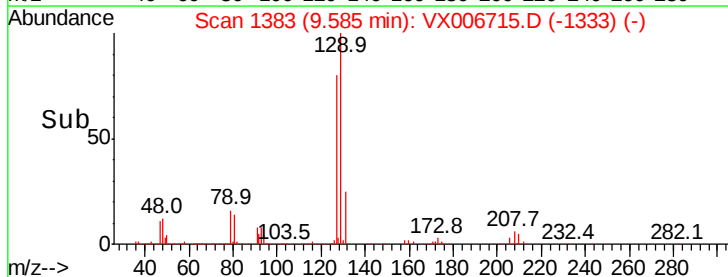
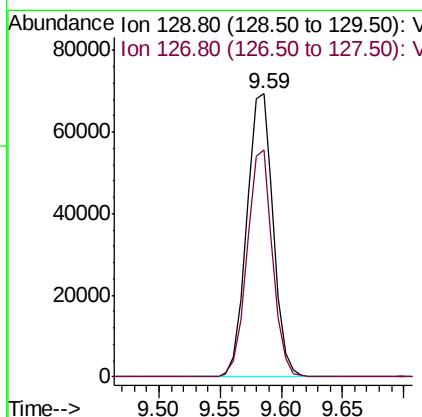
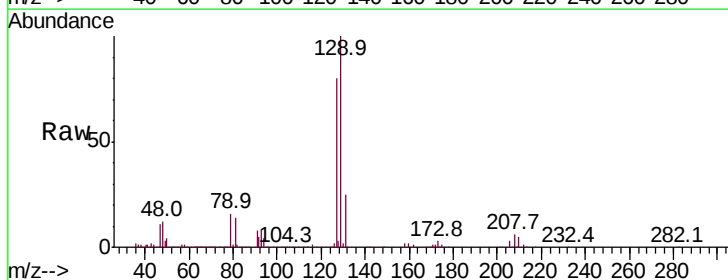
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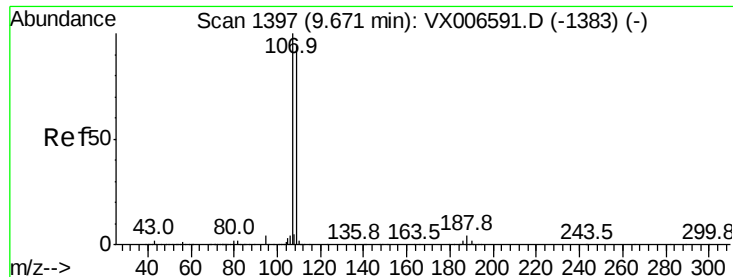
MMDadoda
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#60
Dibromochloromethane
Concen: 18.123 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 129 Resp: 104237
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





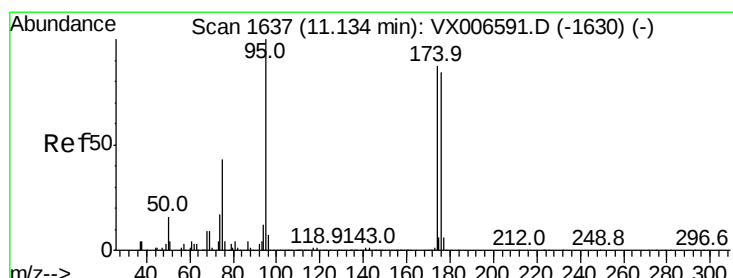
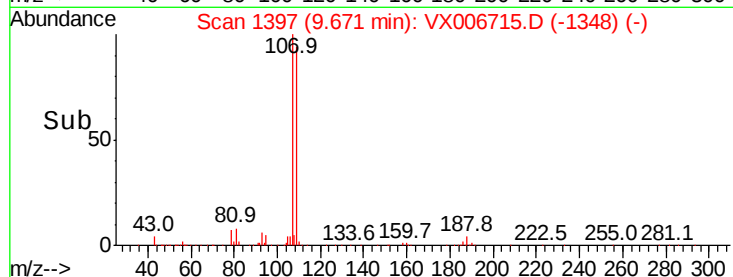
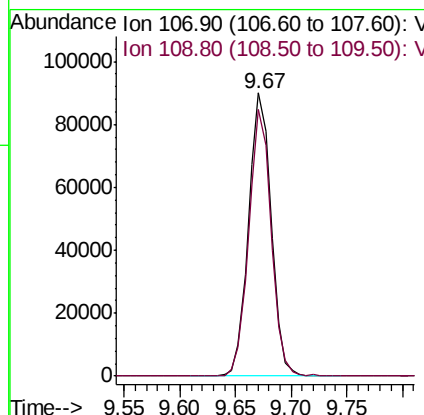
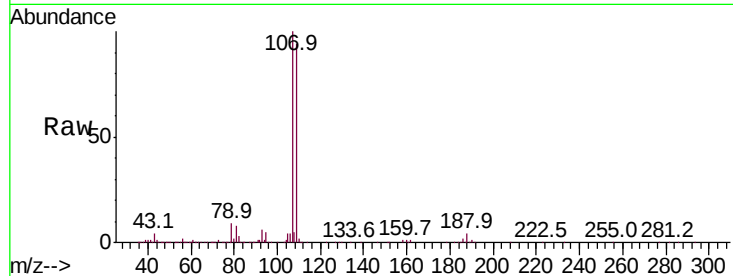
#61
 1,2-Dibromoethane
 Concen: 19.919 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	127370		
109	93.5	75.8	113.6	

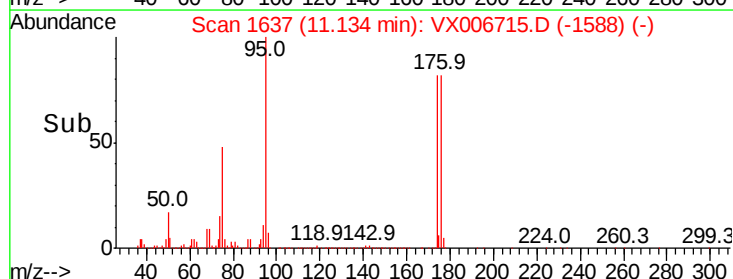
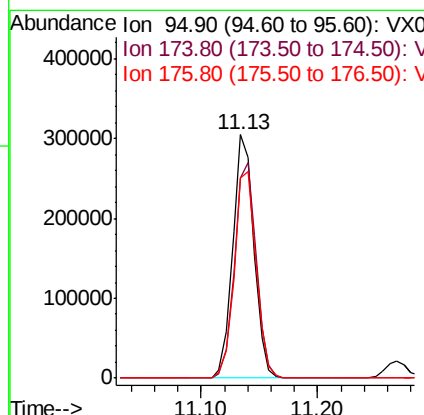
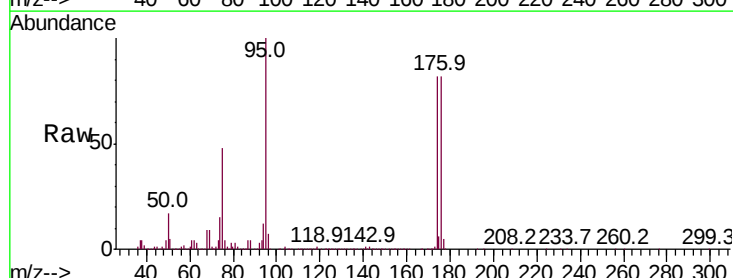
Manual Integrations
 APPROVED

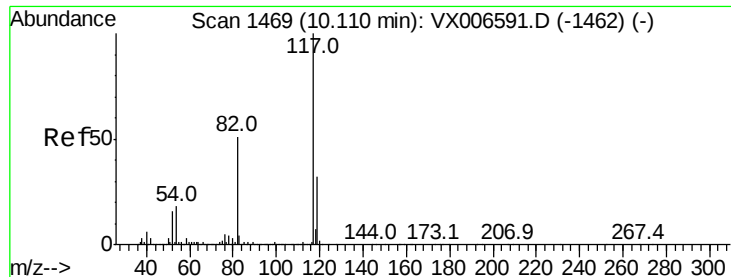
MMDadoda
 12/22/2018 11:20:57 AM



#62
 4-Bromofluorobenzene
 Concen: 48.862 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	385486		
174	90.9	0.0	182.2	
176	88.1	0.0	178.8	





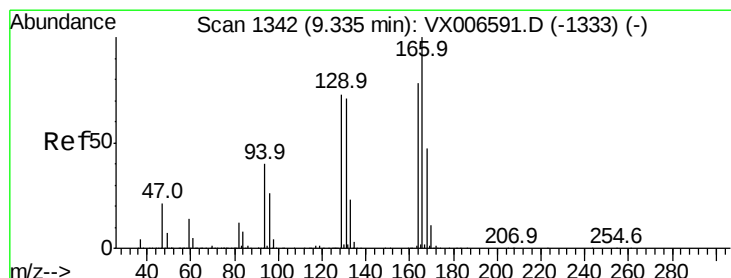
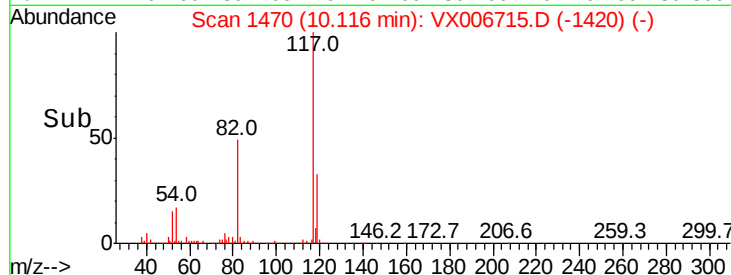
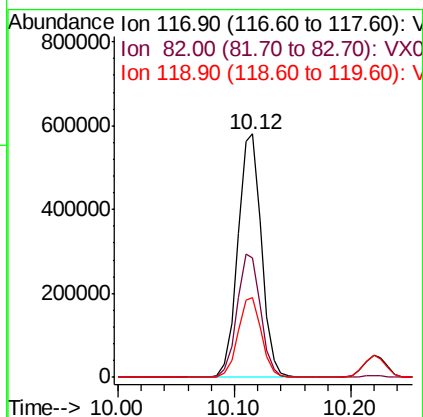
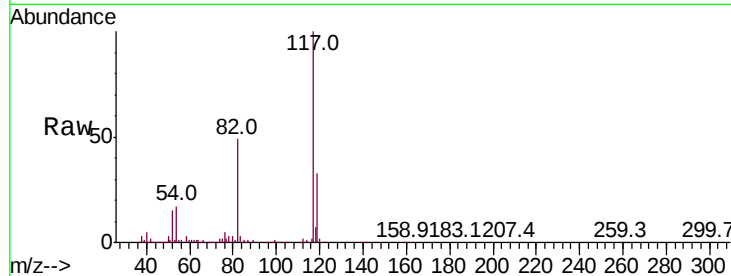
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	49.2	41.0	61.6	
119	32.7	25.4	38.0	

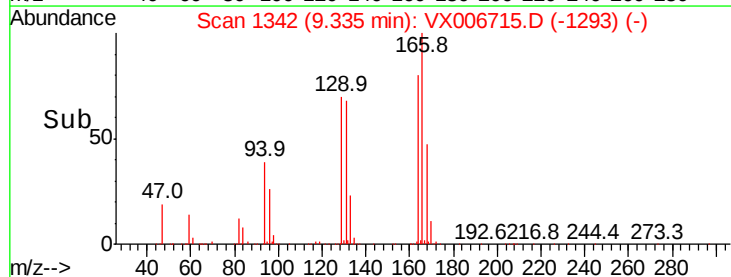
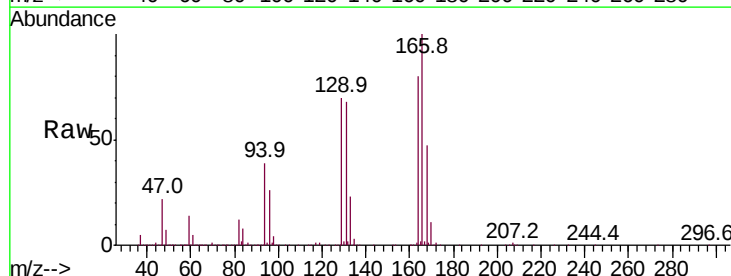
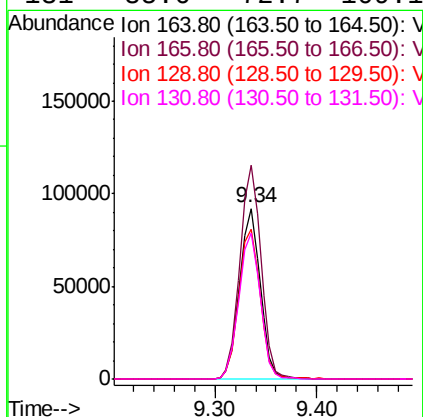
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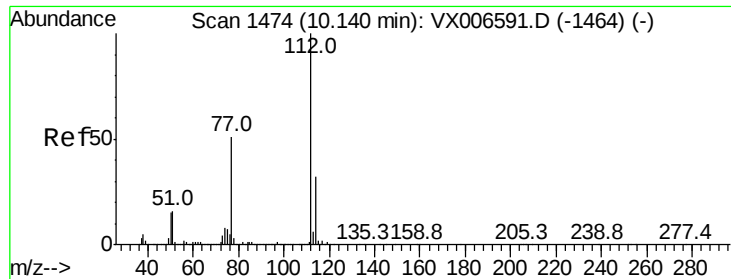
MMDadoda
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#64
Tetrachloroethene
Concen: 20.072 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.3	102.5	153.7	
129	88.2	75.1	112.7	
131	85.6	72.7	109.1	





#65

Chlorobenzene

Concen: 19.437 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion:112 Resp: 335758

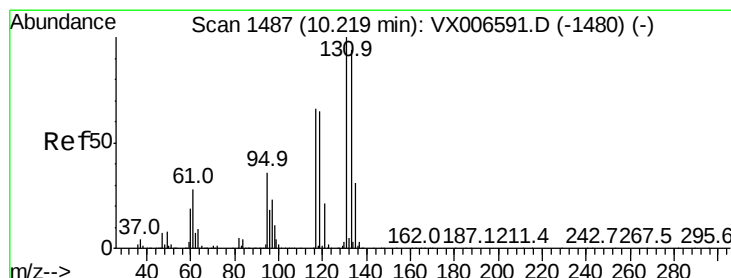
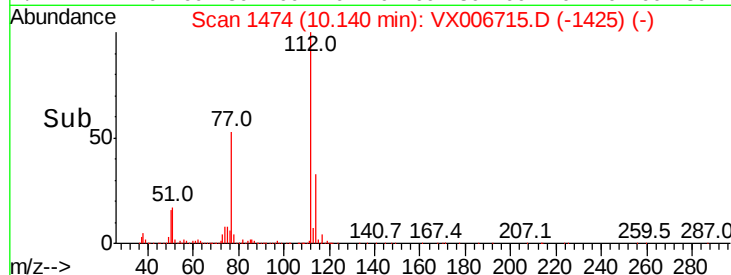
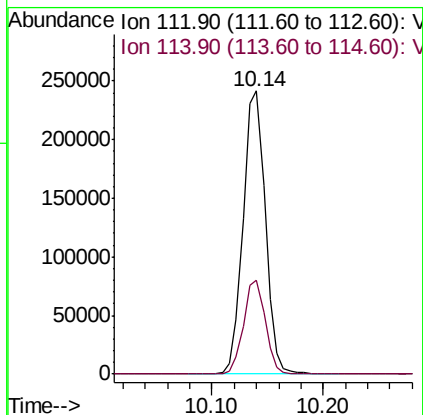
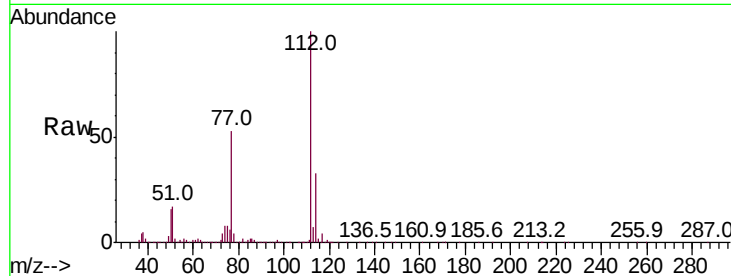
Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.797 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

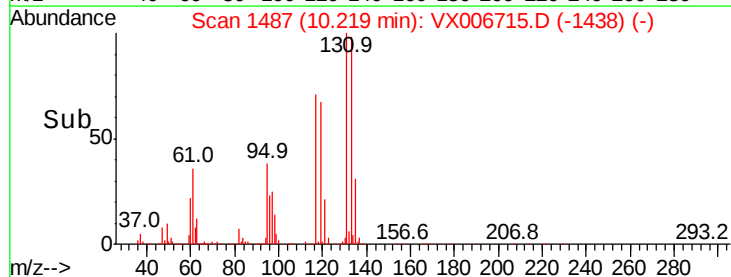
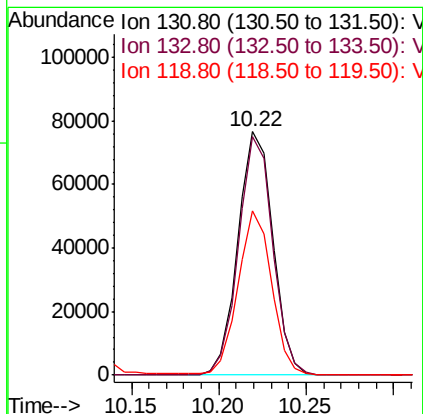
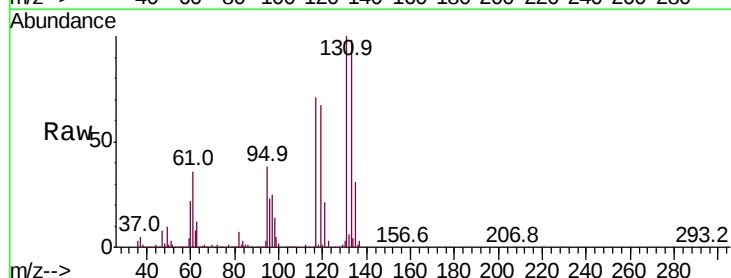
Tgt Ion:131 Resp: 106692

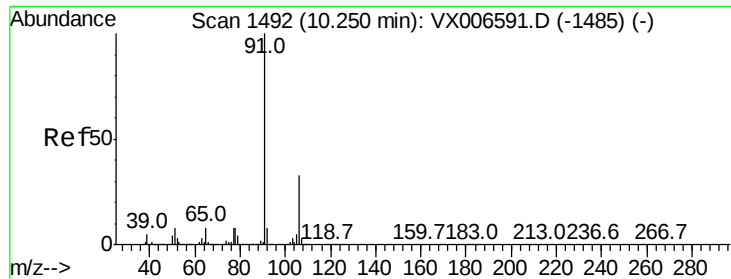
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 65.6 32.6 97.8





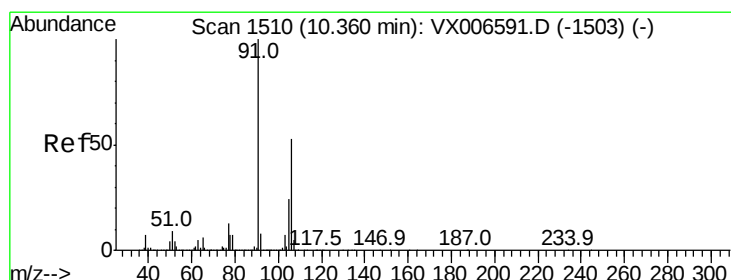
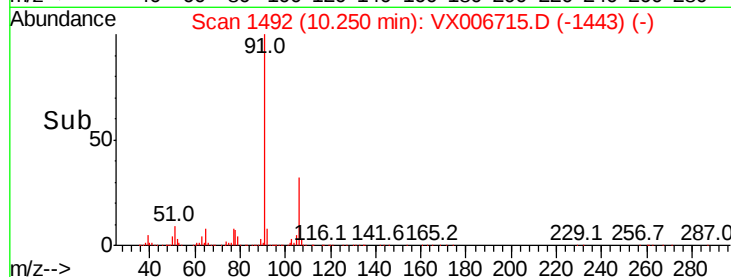
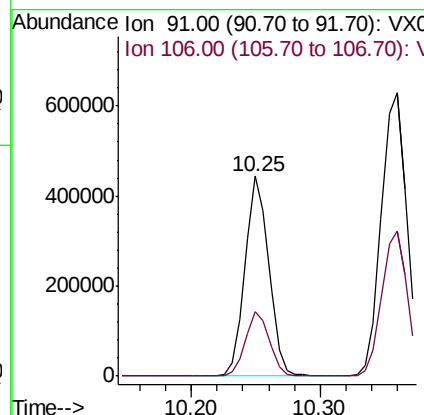
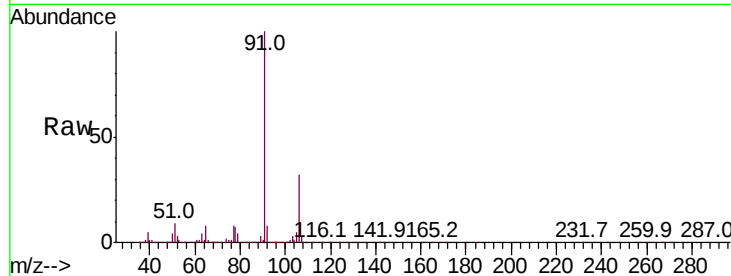
#67
Ethyl Benzene
Concen: 20.046 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion: 91 Resp: 565829
Ion Ratio Lower Upper
91 100
106 32.4 26.4 39.6

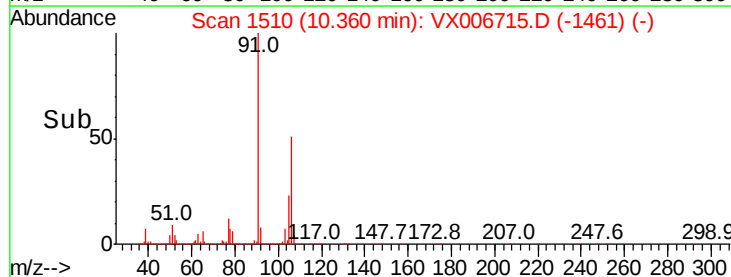
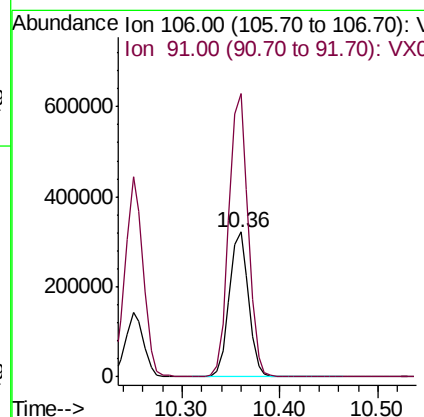
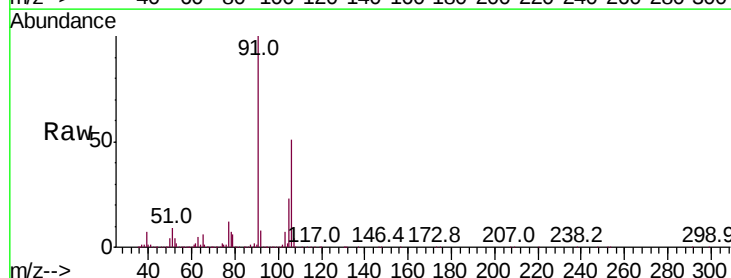
Manual Integrations
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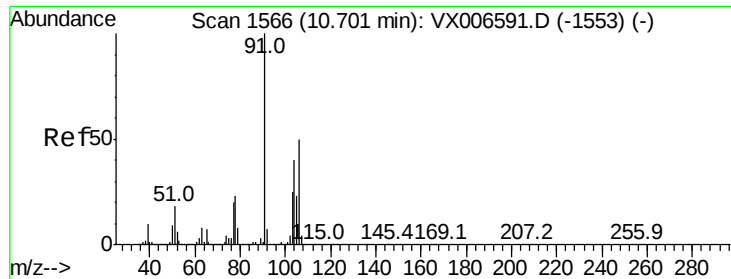
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#68
m/p-Xylenes
Concen: 39.529 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion: 106 Resp: 440280
Ion Ratio Lower Upper
106 100
91 195.3 155.8 233.6





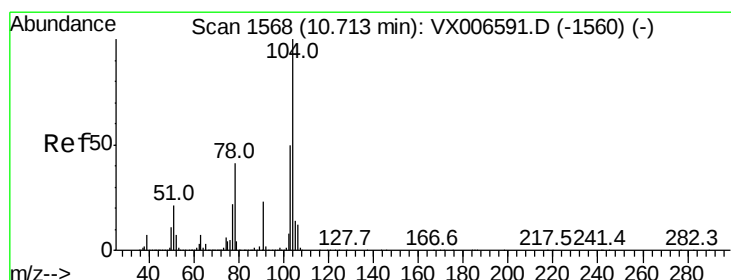
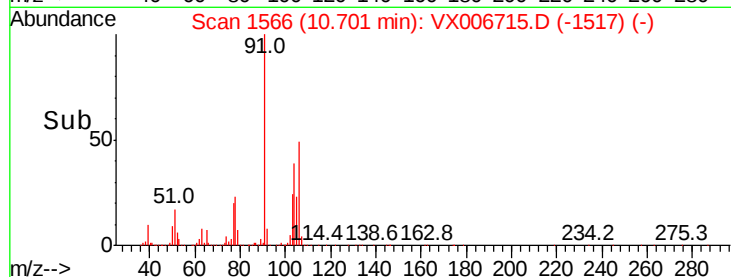
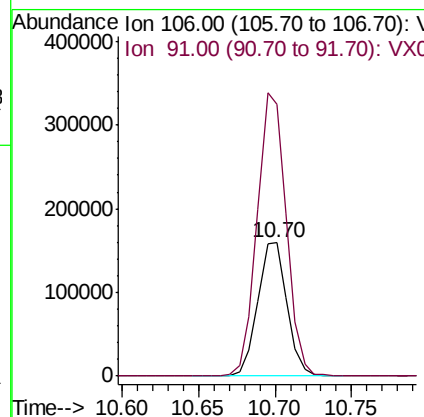
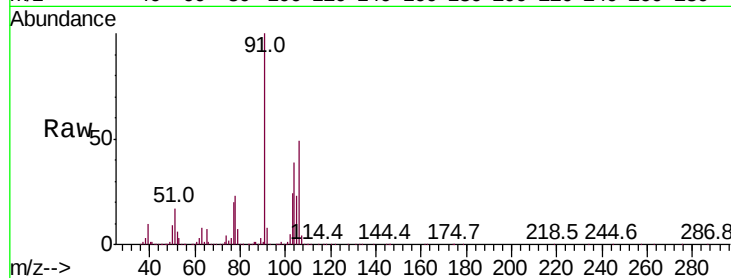
#69
o-Xylene
Concen: 19.430 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	101.3	303.7

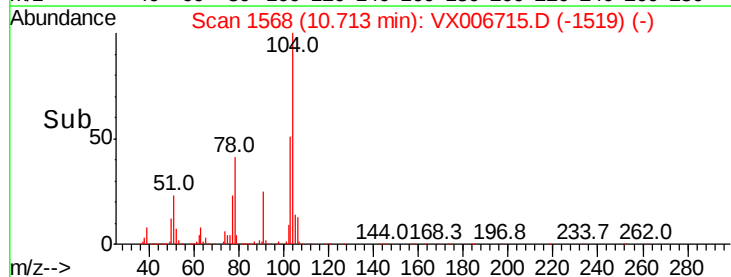
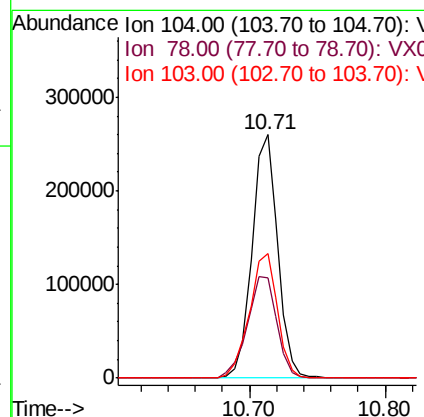
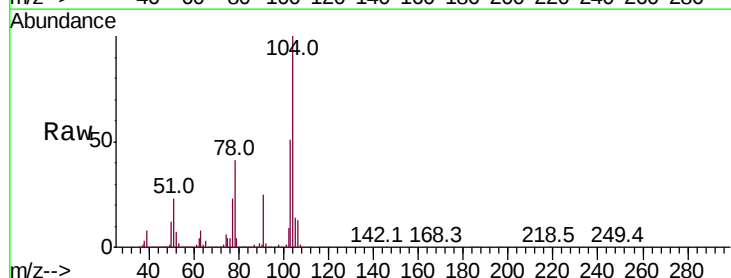
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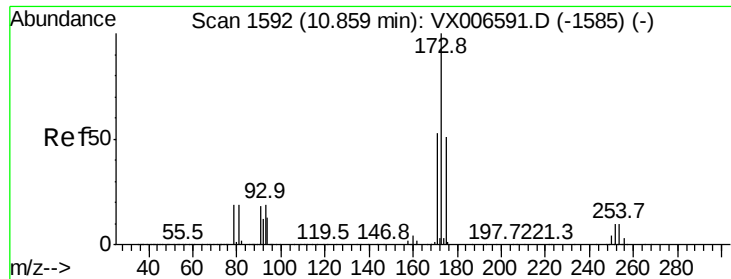
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#70
Styrene
Concen: 19.769 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	37.7	56.5
103	56.3	43.8	65.8





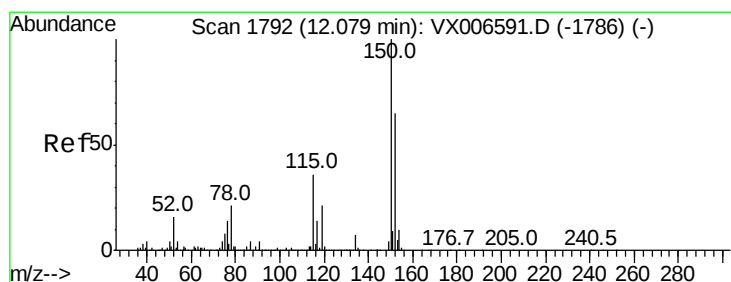
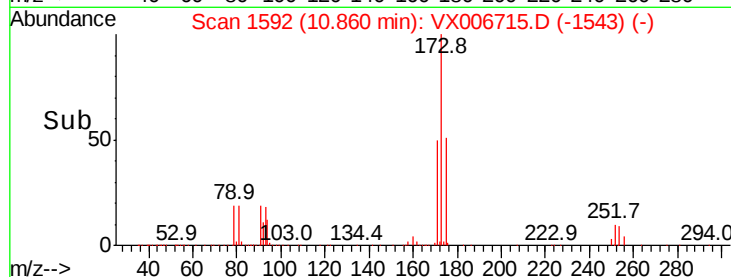
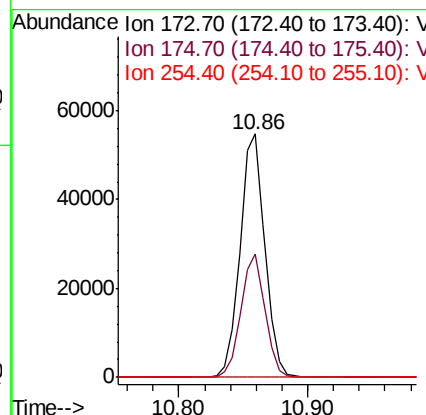
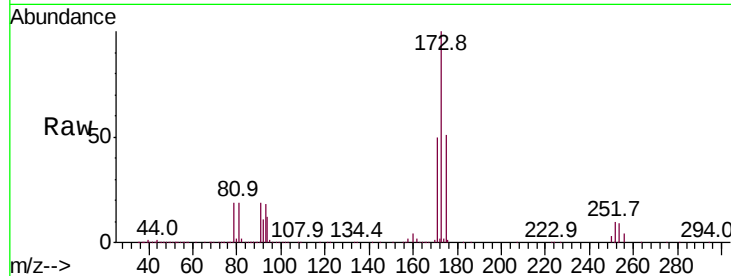
#71
Bromoform
Concen: 18.141 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.0	0.2	0.2#

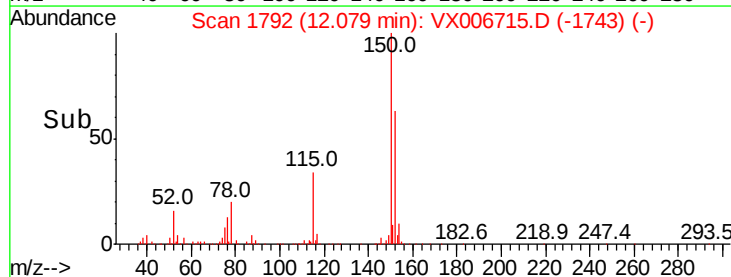
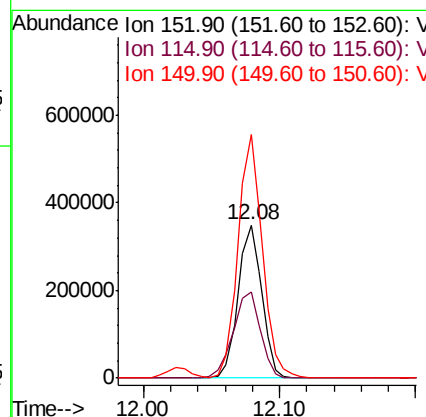
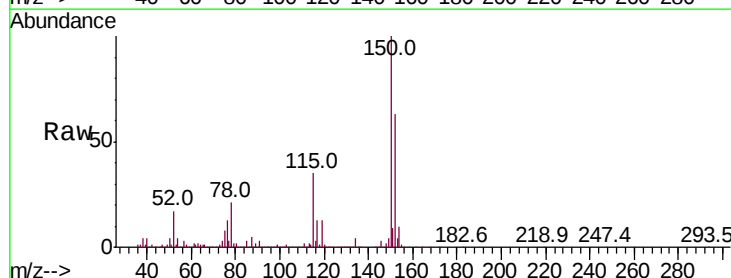
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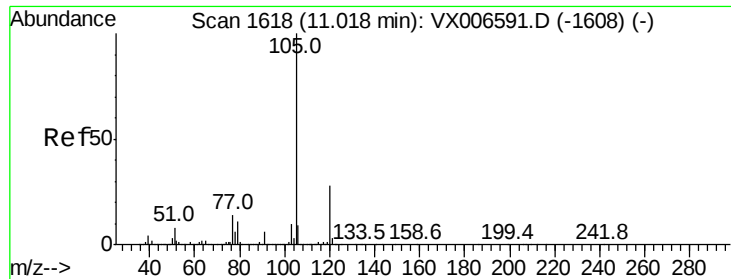
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	39.1	117.2
150	163.7	0.0	344.8





#73

Isopropylbenzene

Concen: 20.132 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion:105 Resp: 581407

Ion Ratio Lower Upper

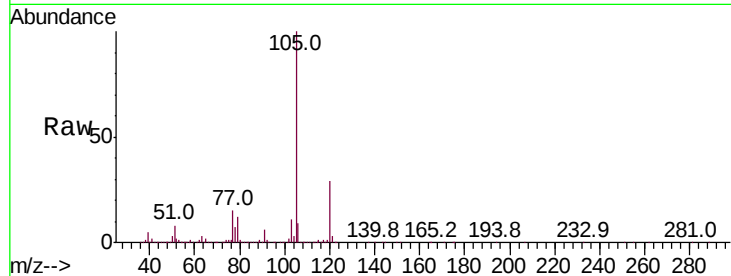
105 100

120 28.3 14.1 42.4

Manual Integrations
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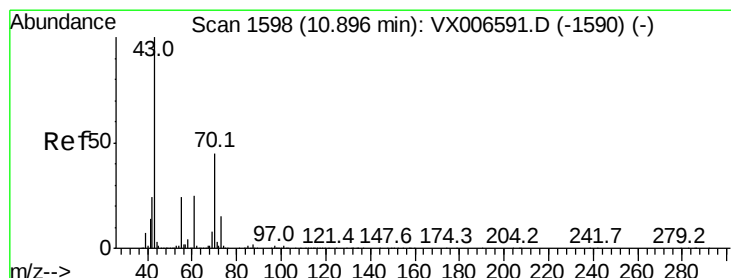
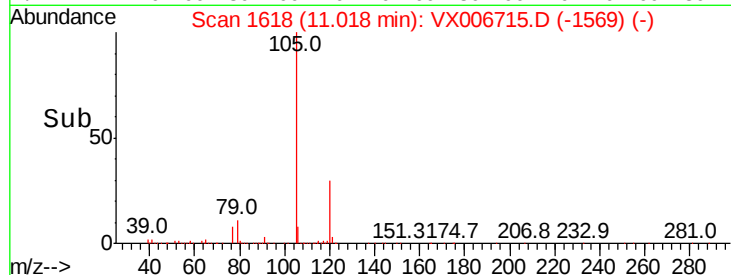
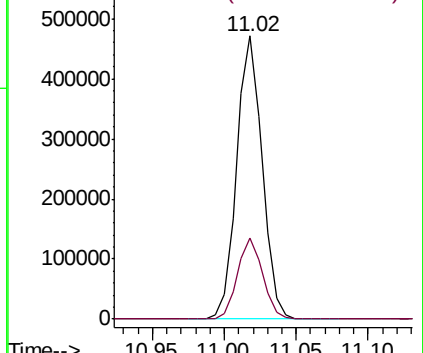
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.021 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion: 43 Resp: 217301

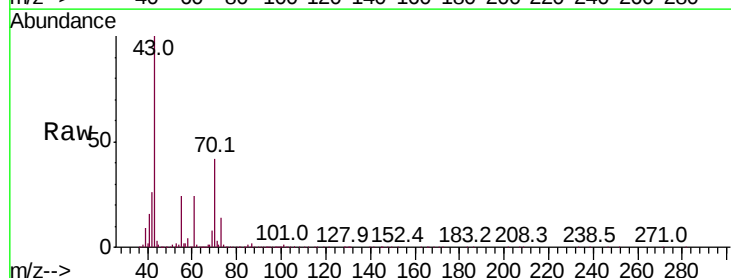
Ion Ratio Lower Upper

43 100

70 43.4 35.8 53.8

55 25.3 19.4 29.0

61 24.5 20.1 30.1

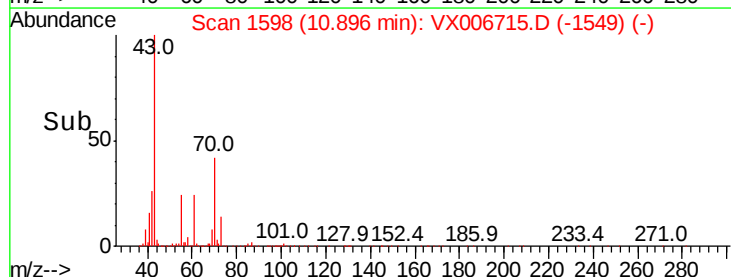
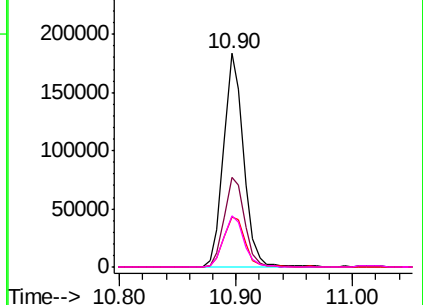


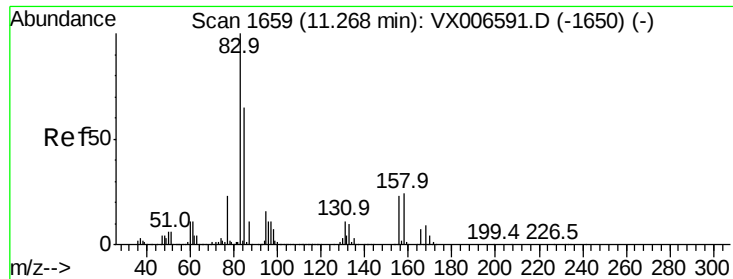
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.810 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 83 Resp: 178733

Ion Ratio Lower Upper

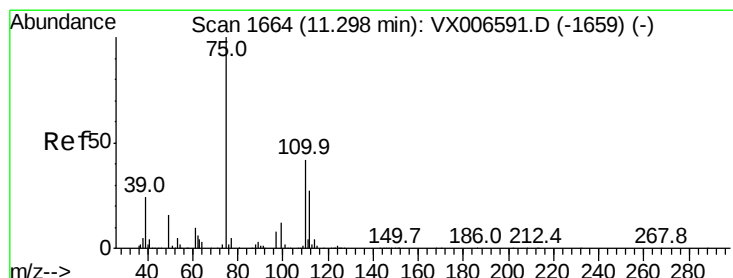
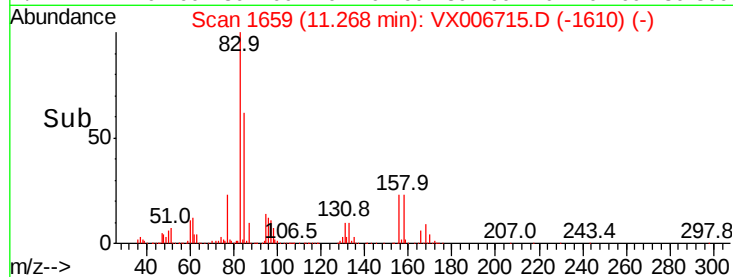
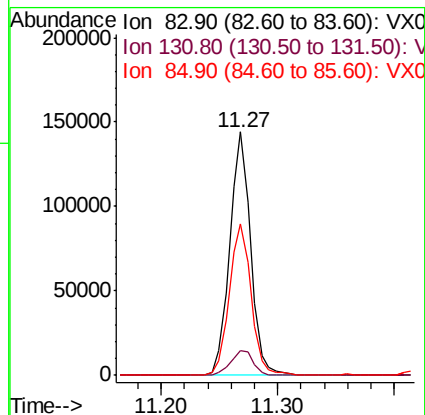
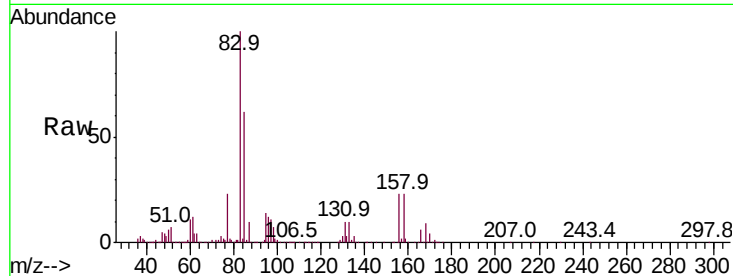
83 100

131 11.1 5.7 17.1

85 65.4 32.2 96.6

Manual Integrations
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12/22/2018 11:20:57 AM



#76

1,2,3-Trichloropropane

Concen: 21.027 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006715.D

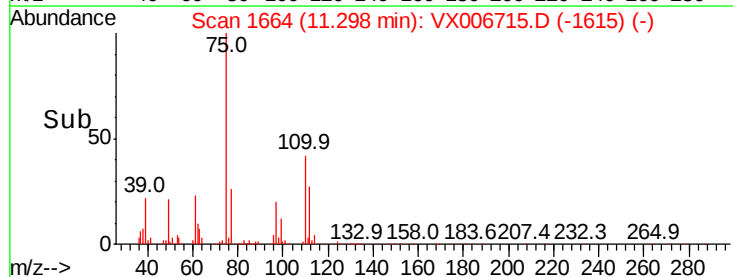
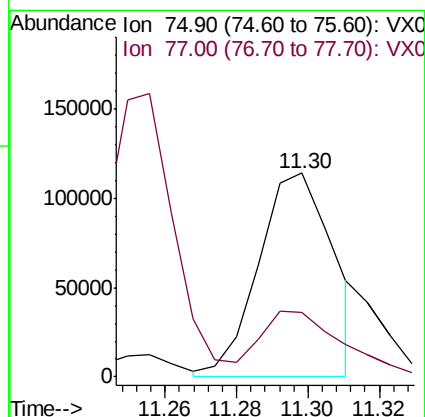
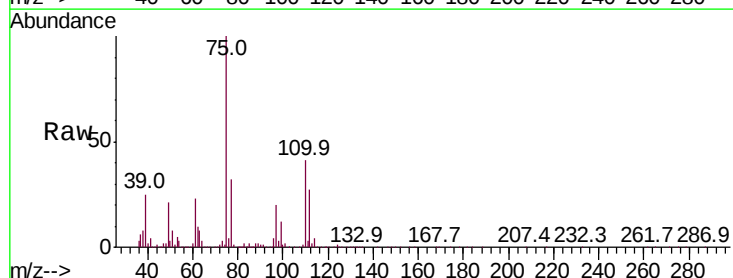
Acq: 21 Dec 2018 11:29

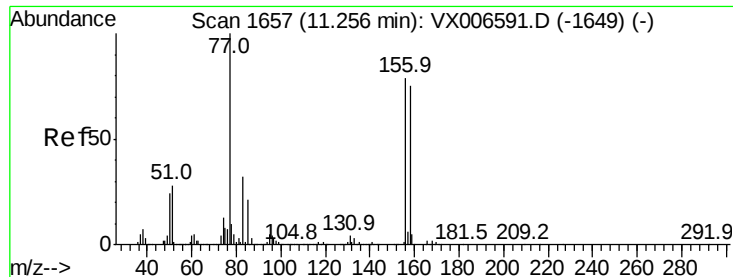
Tgt Ion: 75 Resp: 164963

Ion Ratio Lower Upper

75 100

77 35.0 18.5 55.5





#77

Bromobenzene

Concen: 19.809 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion:156 Resp: 154664

Ion Ratio Lower Upper

156 100

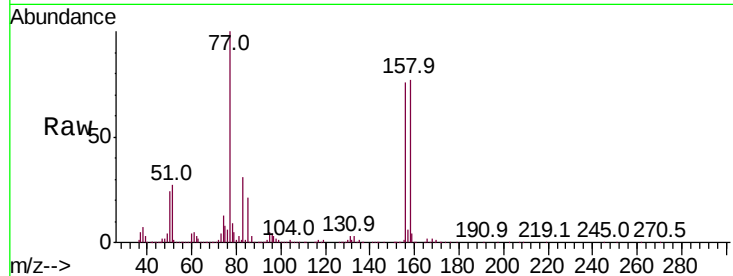
77 137.2 68.0 204.0

158 99.3 48.3 144.8

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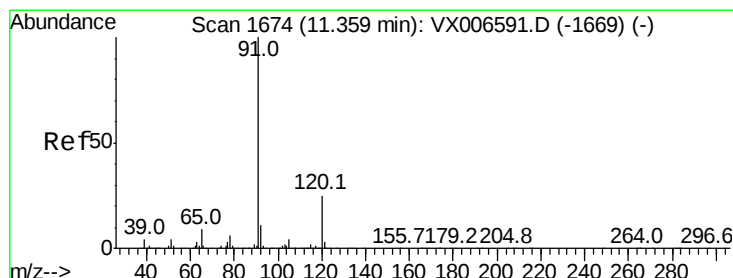
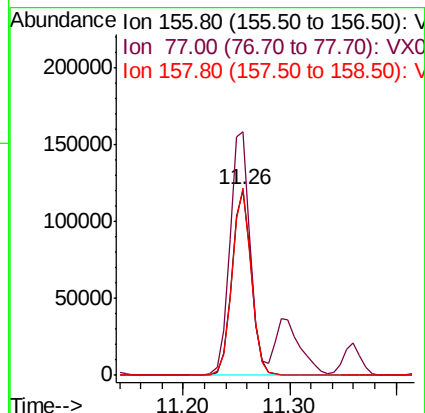
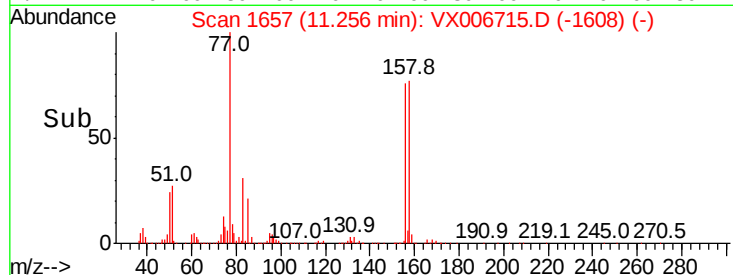
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.363 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006715.D

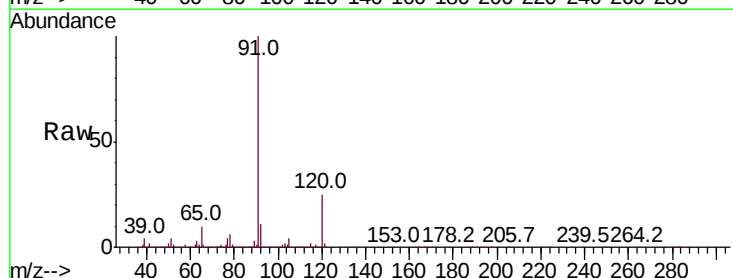
Acq: 21 Dec 2018 11:29

Tgt Ion: 91 Resp: 647617

Ion Ratio Lower Upper

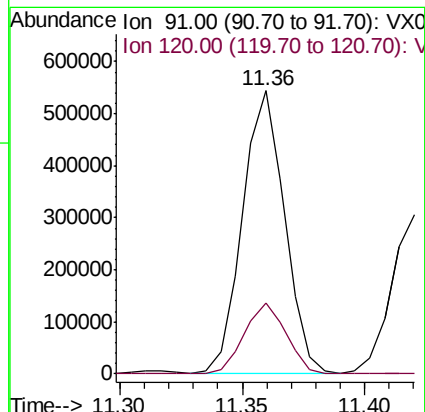
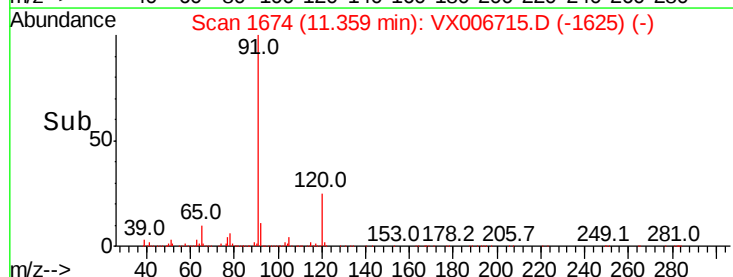
91 100

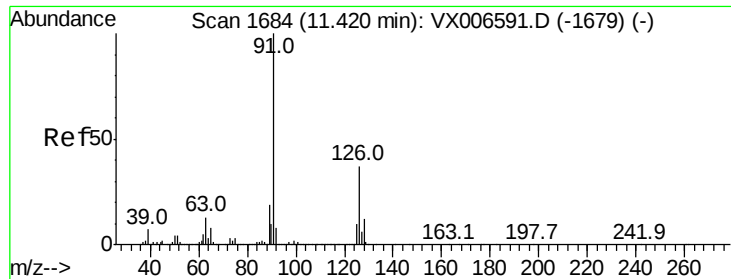
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.621 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 91 Resp: 378147

Ion Ratio Lower Upper

91 100

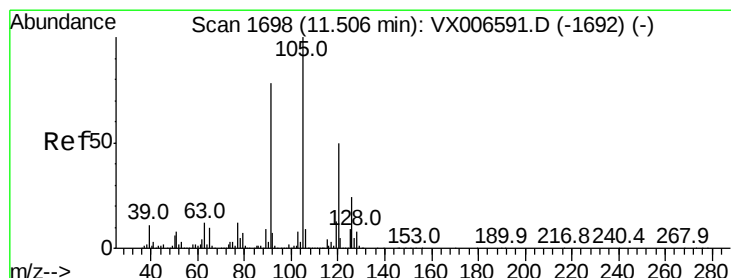
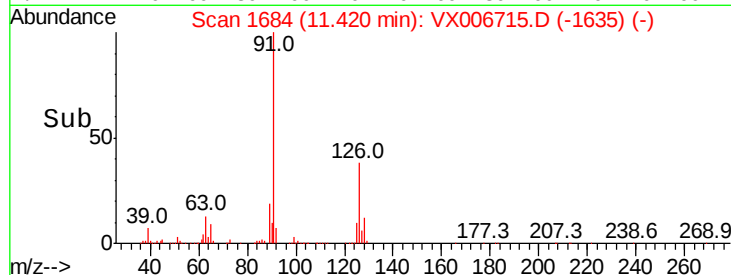
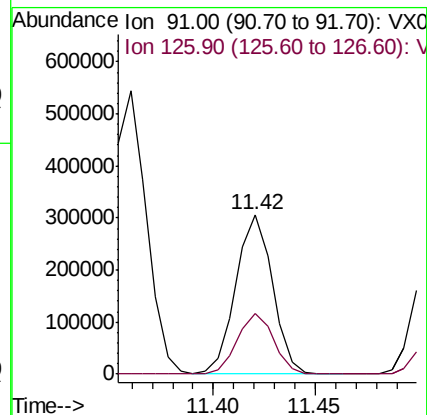
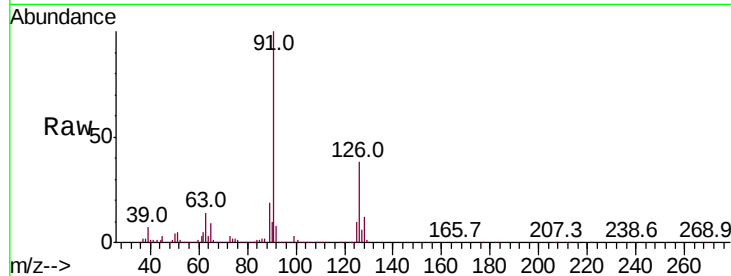
126 37.9 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.994 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006715.D

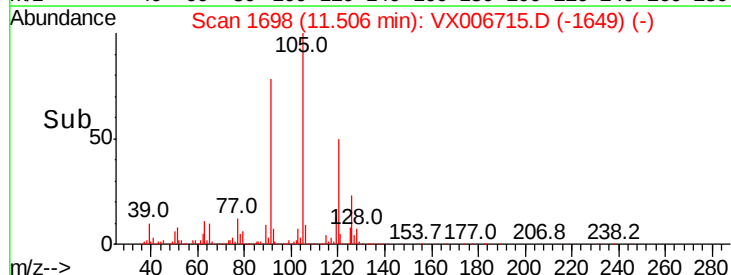
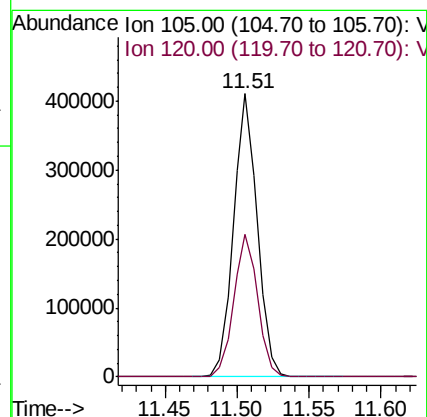
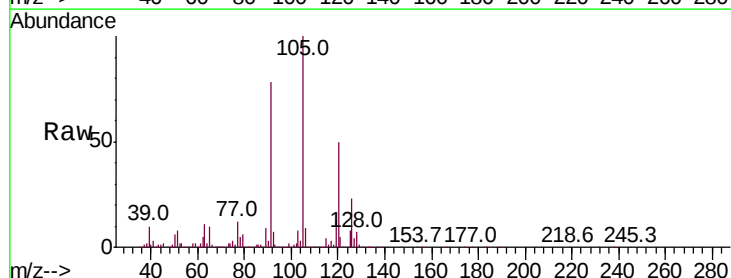
Acq: 21 Dec 2018 11:29

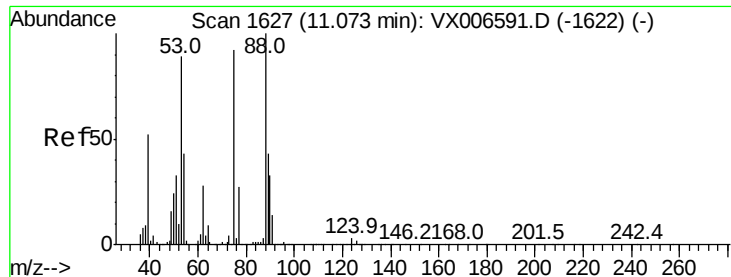
Tgt Ion: 105 Resp: 475602

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.784 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion: 75 Resp: 35349

Ion Ratio Lower Upper

75 100

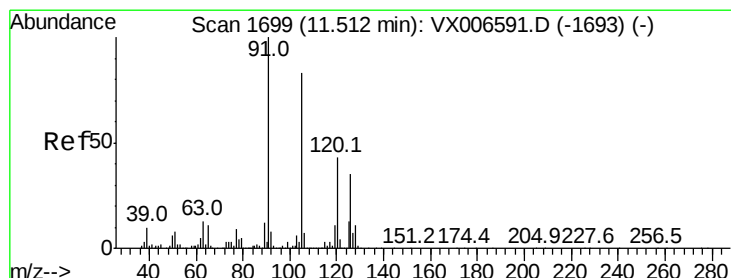
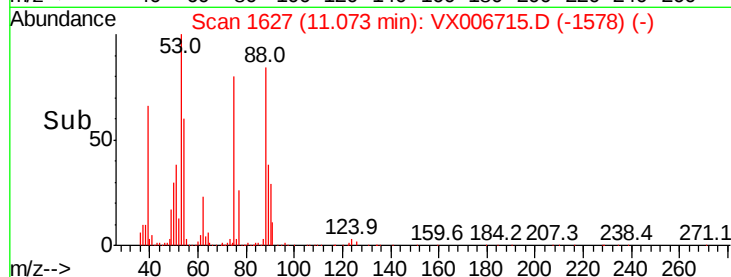
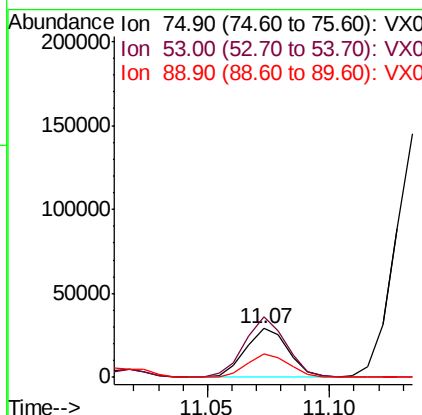
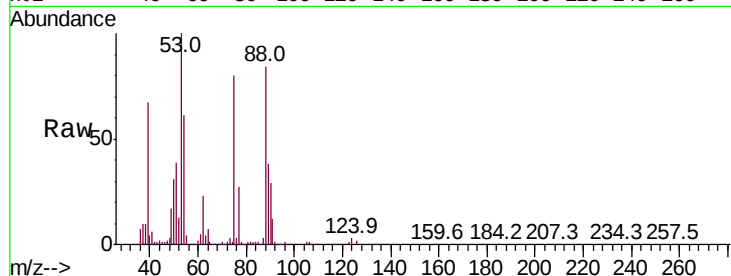
53 122.3 79.7 119.5#

89 47.3 38.0 57.0

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#82

4-Chlorotoluene

Concen: 19.992 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006715.D

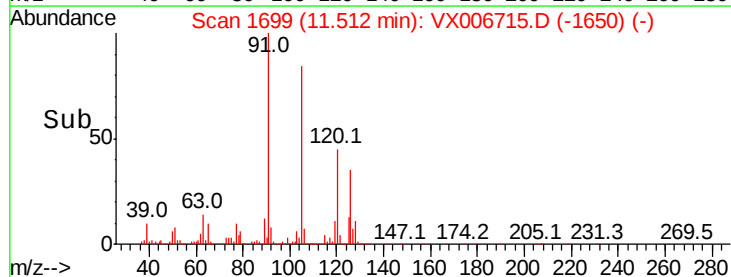
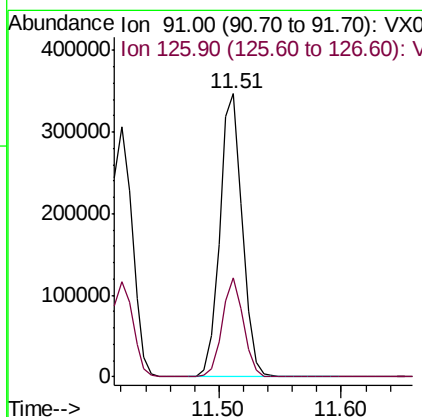
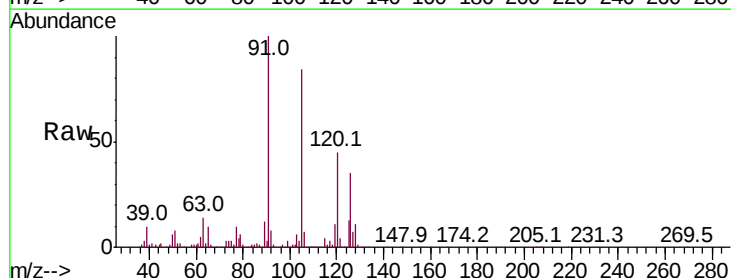
Acq: 21 Dec 2018 11:29

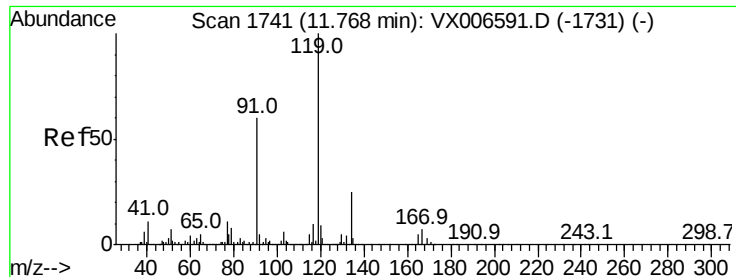
Tgt Ion: 91 Resp: 441970

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.998 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

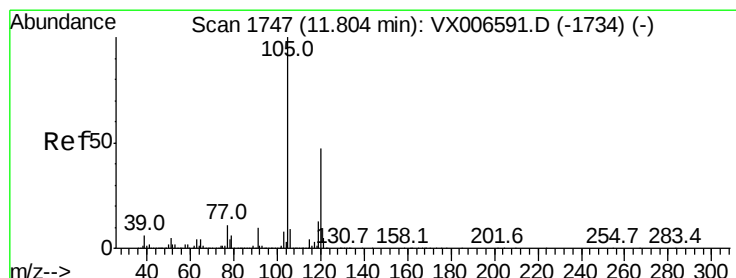
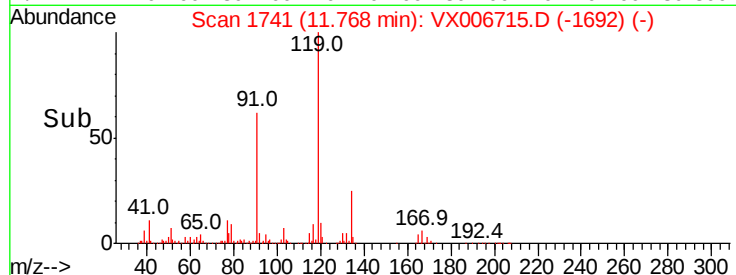
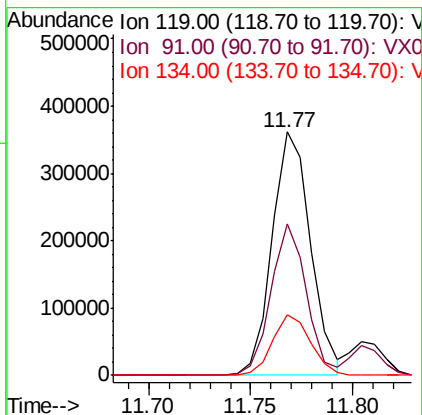
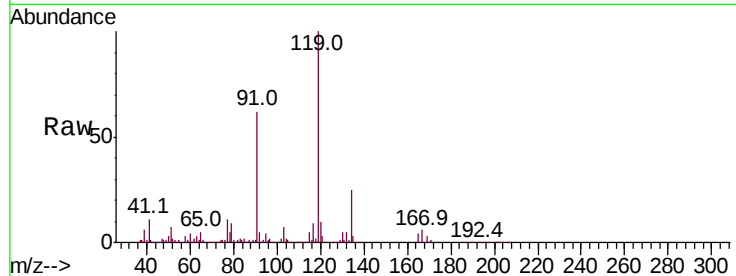
ClientSampleId :

VX1221WBS01

Tot Ion:	119	Resp:	476094
Ion Ratio	Lower	Upper	
119	100		
91	57.4	27.7	83.1
134	24.5	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 19.768 ug/l

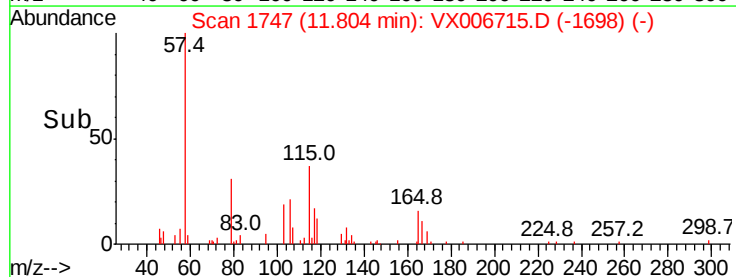
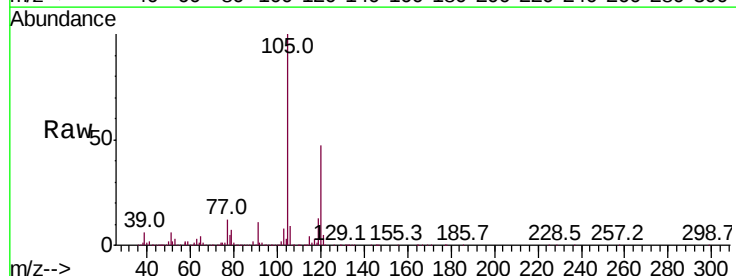
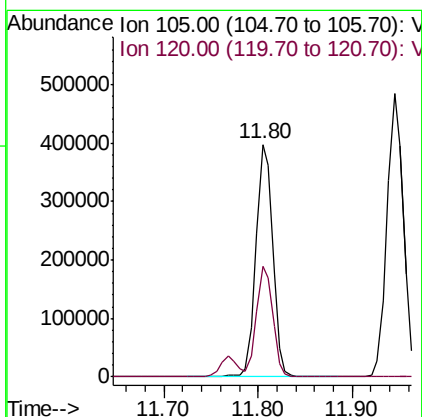
RT: 11.80 min Scan# 1747

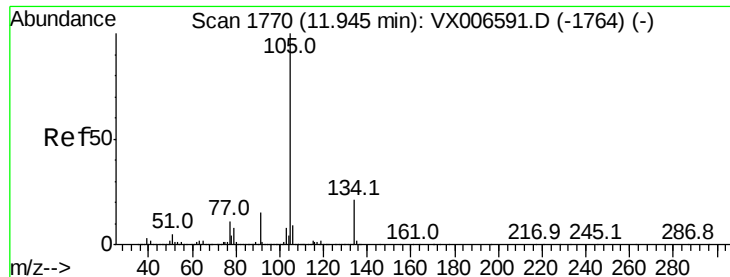
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion:	105	Resp:	494605
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.089 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tot Ion:105 Resp: 586389

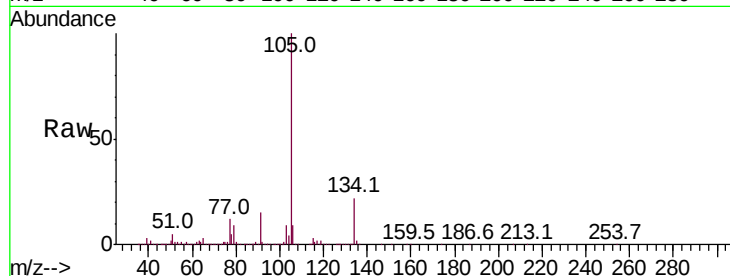
Ion Ratio Lower Upper

105 100

134 21.7 10.7 31.9

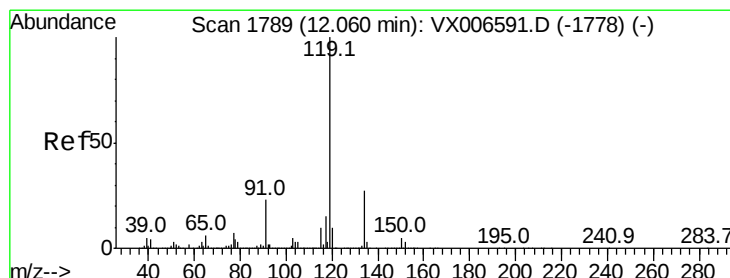
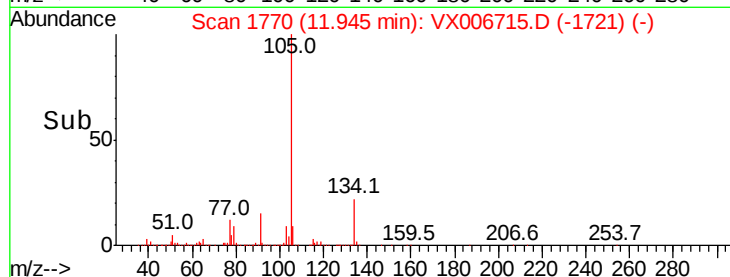
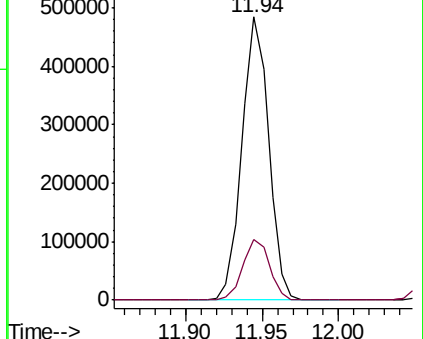
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.555 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

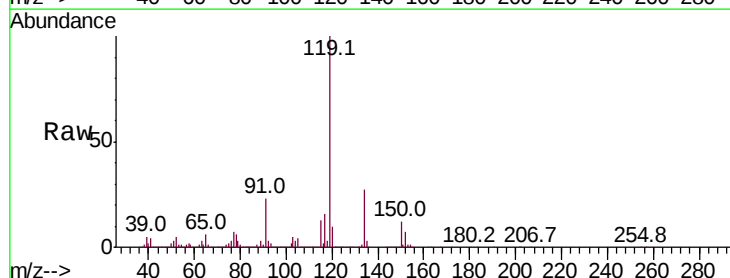
Tgt Ion:119 Resp: 527421

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

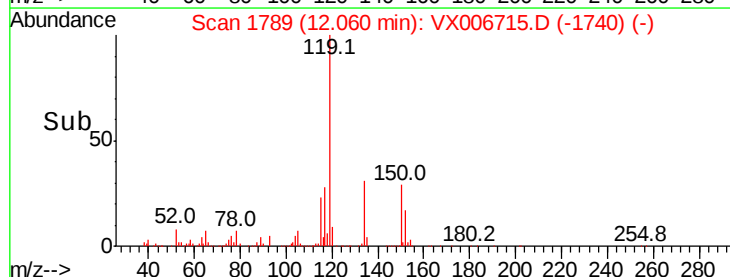
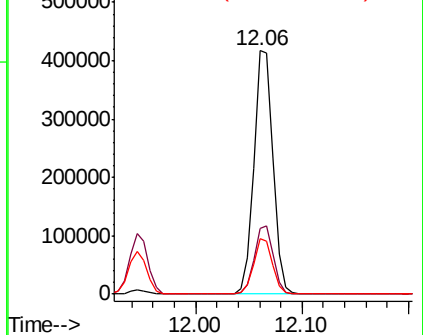
91 22.5 11.3 33.9

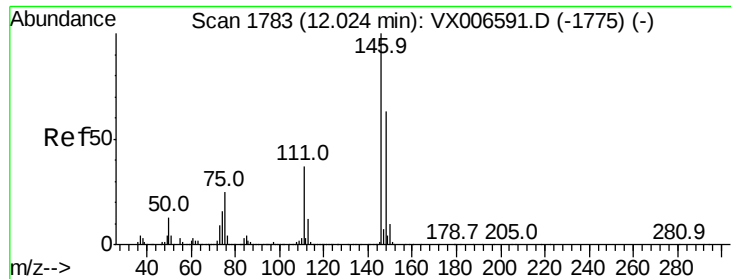


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.970 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006715.D

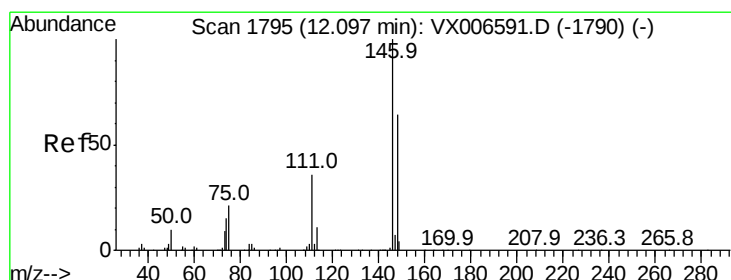
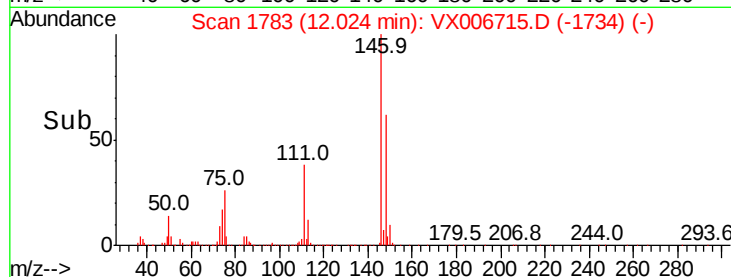
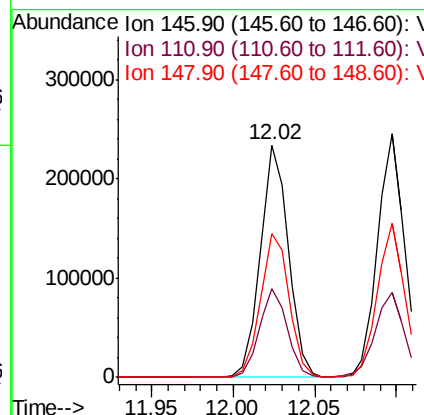
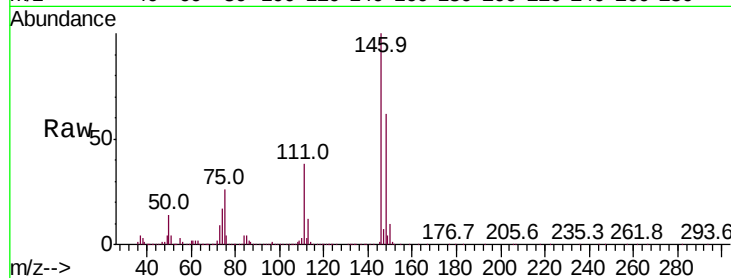
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	281019		
111	37.9	18.6	55.8	
148	63.2	31.8	95.3	

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#88

1,4-Dichlorobenzene

Concen: 19.707 ug/l

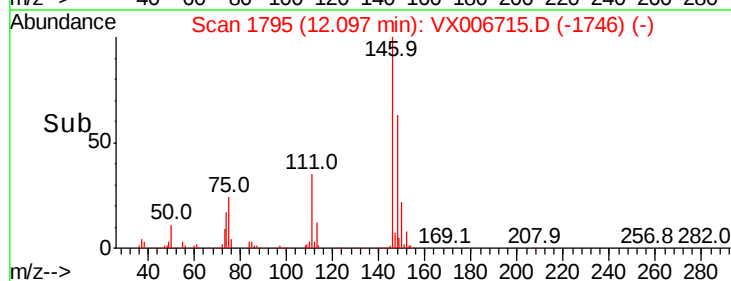
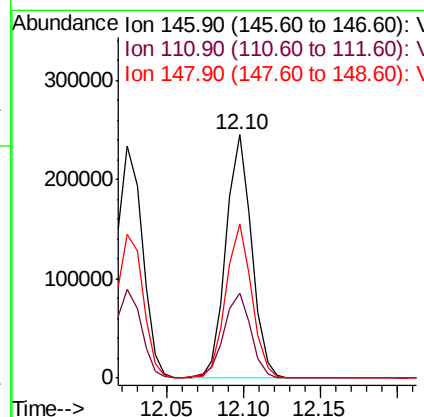
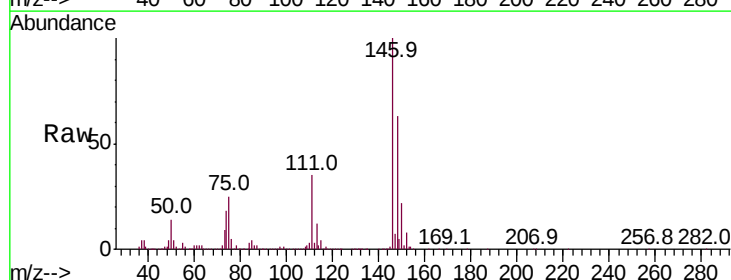
RT: 12.10 min Scan# 1795

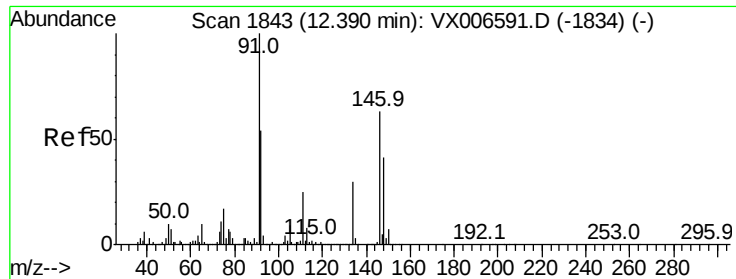
Delta R.T. 0.00 min

Lab File: VX006715.D

Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284284		
111	37.1	18.1	54.1	
148	64.3	31.9	95.9	





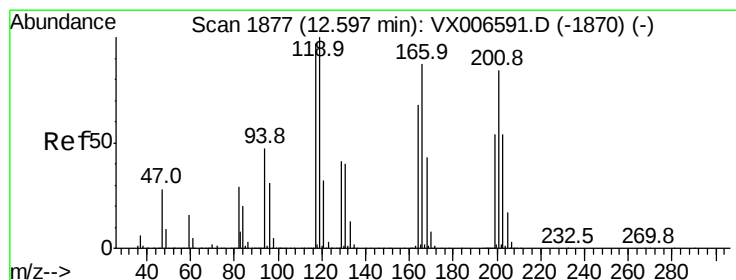
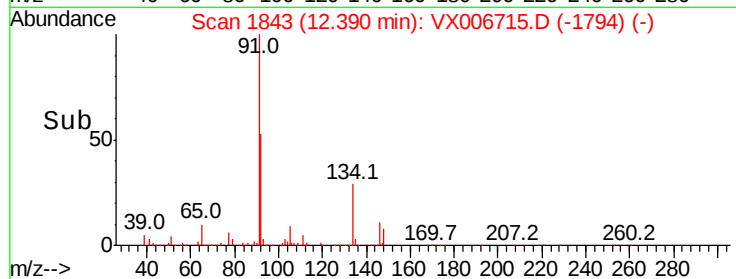
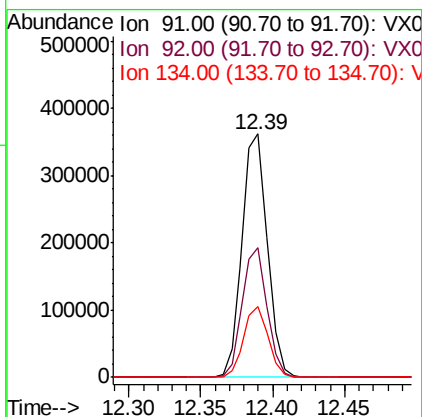
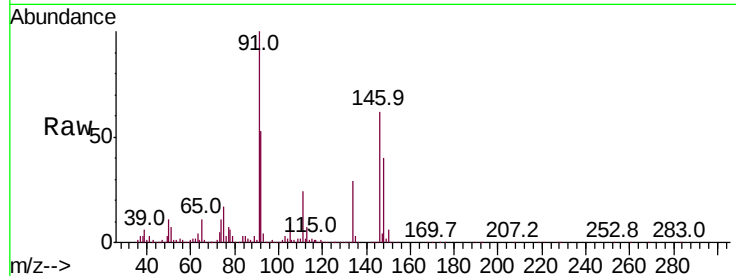
#89
n-Butylbenzene
Concen: 20.191 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.8	80.4
134	28.2	14.4	43.2

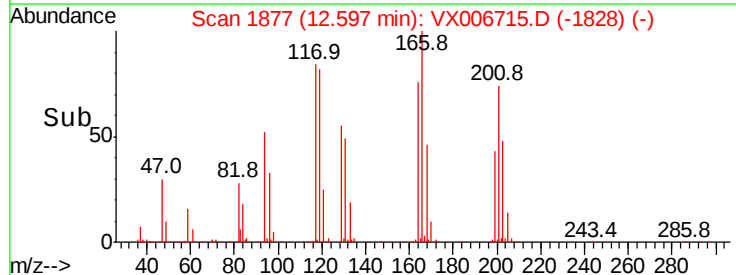
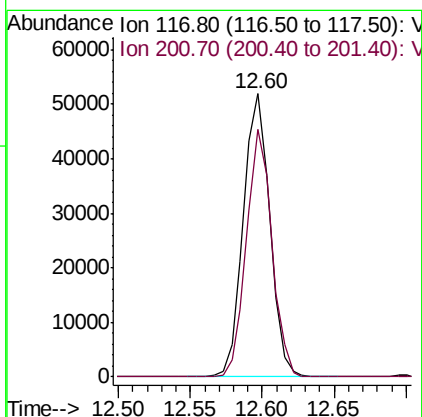
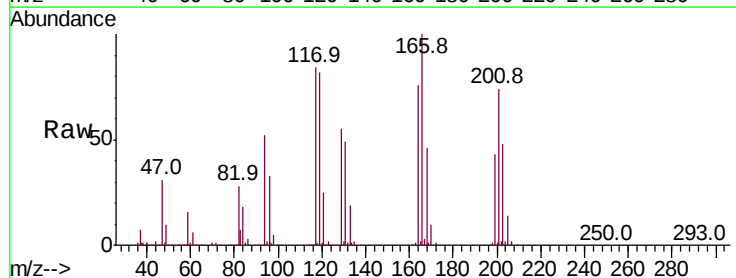
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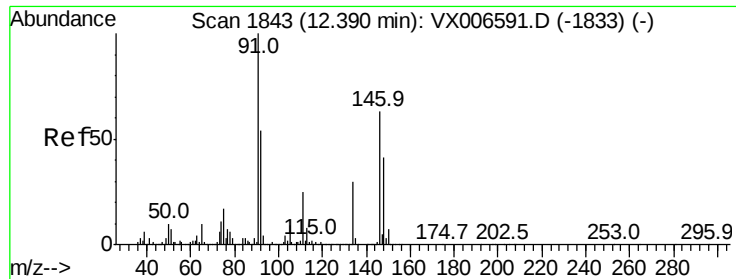
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#90
Hexachloroethane
Concen: 18.680 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	42.9	128.7





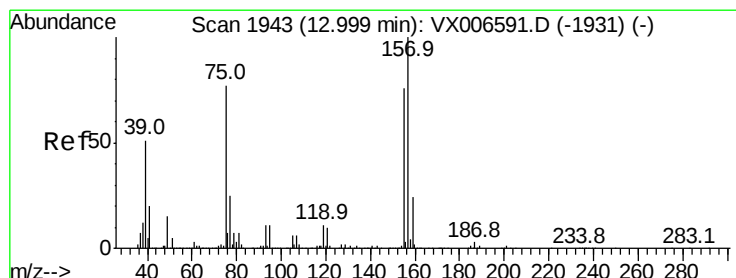
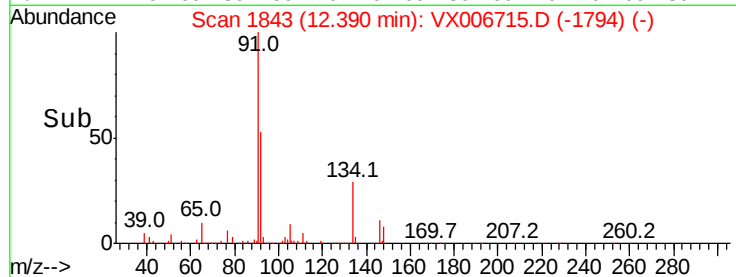
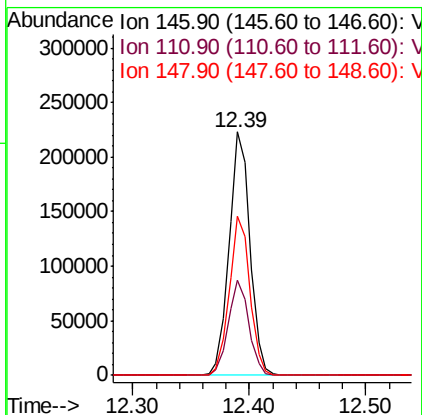
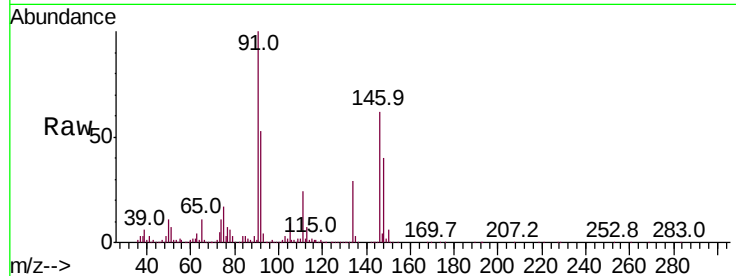
#91
 1,2-Dichlorobenzene
 Concen: 19.700 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.5	32.3	96.9

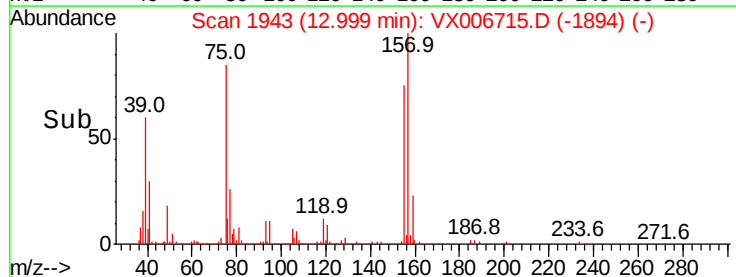
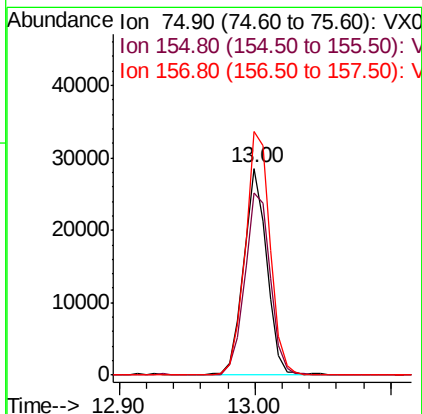
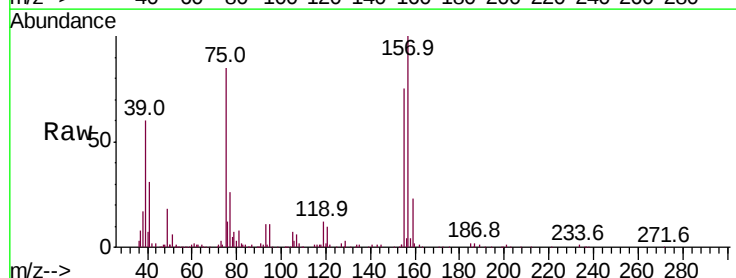
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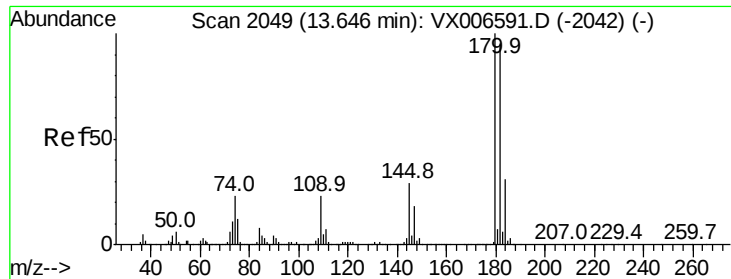
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.983 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006715.D
 Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	50.6	151.8
157	127.2	64.6	193.8





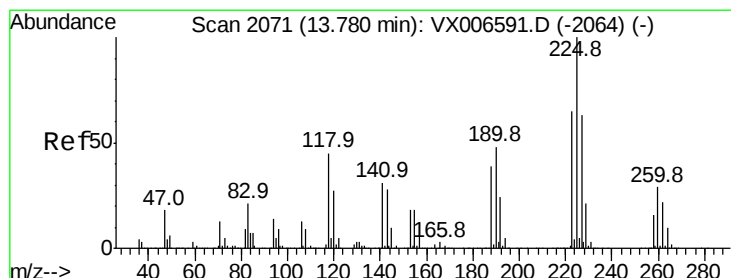
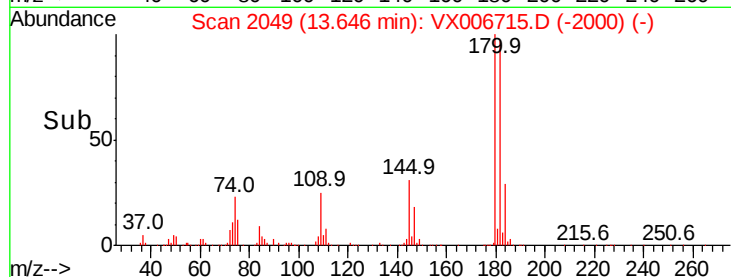
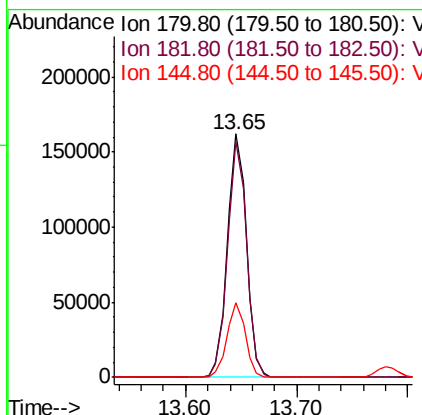
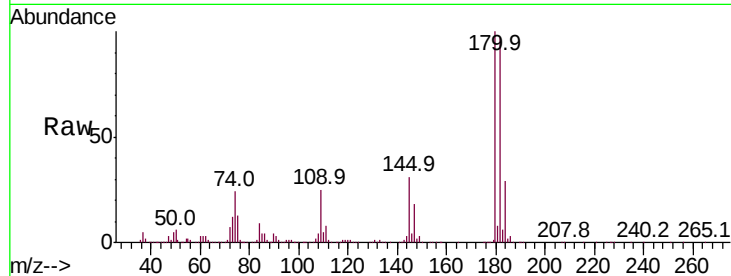
#93
1,2,4-Trichlorobenzene
Concen: 19.868 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192921		
182	96.1	47.3	142.0	
145	29.7	14.8	44.3	

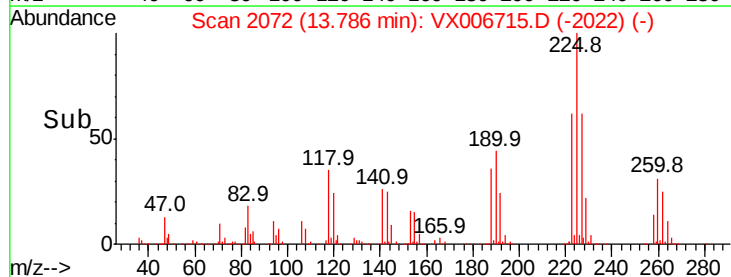
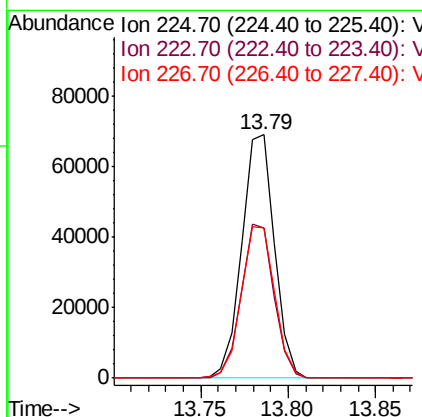
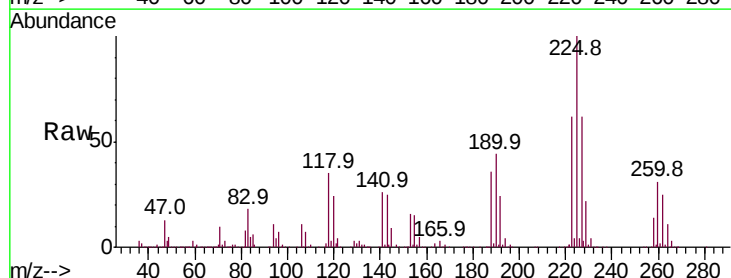
Manual Integrations
APPROVED

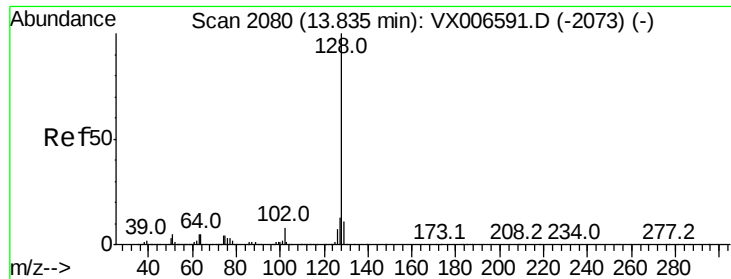
MMDadoda
12/22/2018 11:20:57 AM



#94
Hexachlorobutadiene
Concen: 19.501 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89253		
223	63.4	32.1	96.3	
227	63.8	32.3	96.8	





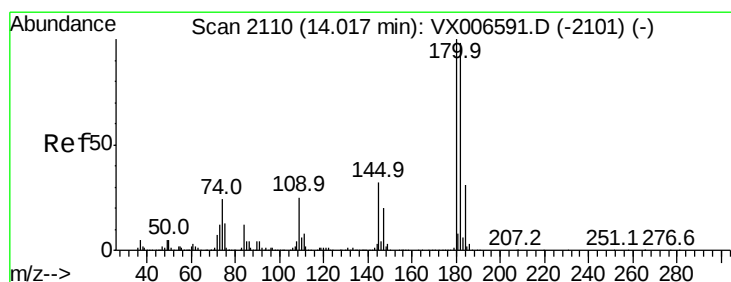
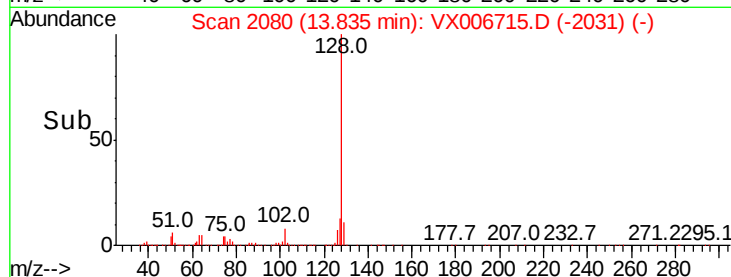
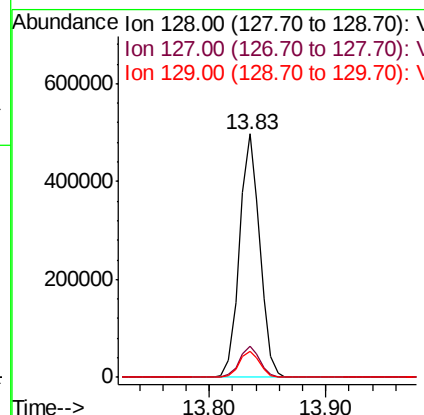
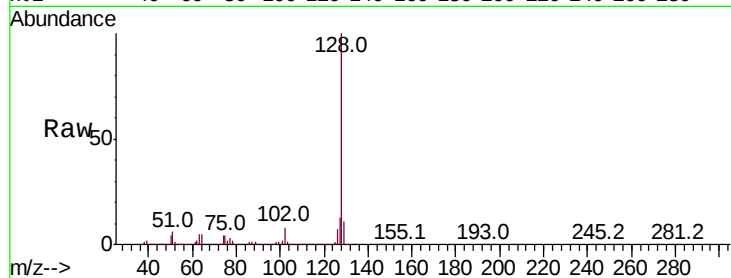
#95
Naphthalene
Concen: 19.447 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	602664		
127	13.0		10.1	15.1
129	10.9		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.271 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006715.D
Acq: 21 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193202		
182	96.2		48.5	145.5
145	32.0		16.0	47.9

