

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006111.D
 Acq On : 20 Nov 2018 20:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 10:37:33 AM

Quant Time: Nov 21 08:25:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192247	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.50	113	157674	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	599508	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	223152	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	119227	49.22	ug/l	99
3) Chloromethane	1.32	50	154345	50.44	ug/l	99
4) Vinyl Chloride	1.41	62	150508	48.36	ug/l	97
5) Bromomethane	1.64	94	122120	50.94	ug/l	100
6) Chloroethane	1.71	64	85171	58.37	ug/l	97
7) Trichlorofluoromethane	1.93	101	202075	49.63	ug/l	99
8) Diethyl Ether	2.19	74	82480	47.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118263	48.98	ug/l	99
10) Methyl Iodide	2.51	142	141841	46.86	ug/l	99
11) Tert butyl alcohol	3.07	59	200998	250.15	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112226	47.68	ug/l	98
13) Acrolein	2.29	56	115345	239.90	ug/l	100
14) Allyl chloride	2.73	41	239766	49.79	ug/l	99
15) Acrylonitrile	3.15	53	429608	242.07	ug/l	99
16) Acetone	2.45	43	397056	236.89	ug/l	99
17) Carbon Disulfide	2.57	76	328025	51.61	ug/l	98
18) Methyl Acetate	2.78	43	220701	51.35	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	399714	49.13	ug/l	100
20) Methylene Chloride	2.85	84	126387	49.82	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	120708	49.02	ug/l	98
22) Diisopropyl ether	3.87	45	541005	52.48	ug/l	95
23) Vinyl Acetate	3.82	43	2296846	268.57	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242356	49.90	ug/l	100
25) 2-Butanone	4.70	43	779883	250.68	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204682	51.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	167557	48.68	ug/l	98
28) Bromochloromethane	5.02	49	140698	49.71	ug/l	100
29) Tetrahydrofuran	5.15	42	500755	258.02	ug/l	99
30) Chloroform	5.21	83	283055	48.10	ug/l	99
31) Cyclohexane	5.57	56	255771	50.42	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	243629	51.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	214798	50.31	ug/l	99
37) Ethyl Acetate	4.85	43	281762	51.29	ug/l	100
38) Carbon Tetrachloride	5.78	117	212469	52.94	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	252437	51.90	ug/l	96
40) Benzene	6.14	78	630692	50.14	ug/l	99
41) Methacrylonitrile	5.06	41	154319	50.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231478	49.22	ug/l	100
43) Isopropyl Acetate	6.46	43	418238	52.72	ug/l	99
44) Trichloroethene	7.21	130	176701	50.54	ug/l	99
45) 1,2-Dichloropropane	7.52	63	171467	51.51	ug/l	98
46) Dibromomethane	7.66	93	112130	49.18	ug/l	100
47) Bromodichloromethane	7.90	83	214907	50.97	ug/l	96
48) Methyl methacrylate	7.77	41	222086	55.20	ug/l	100
49) 1,4-Dioxane	7.75	88	97147	1017.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1501495	264.01	ug/l	99
52) Toluene	8.79	92	404819	52.03	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	235213	53.46	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	259314	53.31	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165632	49.15	ug/l	98
56) Ethyl methacrylate	9.18	69	256828	49.00	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279936	50.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	732271	250.04	ug/l	99
59) 2-Hexanone	9.49	43	1206050	267.21	ug/l	100
60) Dibromochloromethane	9.59	129	174802	52.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	177978	51.27	ug/l	99
64) Tetrachloroethene	9.34	164	181984	50.70	ug/l	98
65) Chlorobenzene	10.14	112	457123	51.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161924	52.71	ug/l	100
67) Ethyl Benzene	10.25	91	792434	54.09	ug/l	100
68) m/p-Xylenes	10.36	106	617861	108.31	ug/l	98
69) o-Xylene	10.70	106	294907	54.12	ug/l	99
70) Styrene	10.71	104	490011	55.15	ug/l	100
71) Bromoform	10.86	173	144784	52.66	ug/l #	98
73) Isopropylbenzene	11.02	105	799287	54.25	ug/l	100
74) N-amyl acetate	10.90	43	380482	50.63	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	277138	49.91	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	265482m	52.96	ug/l	
77) Bromobenzene	11.26	156	212492	51.48	ug/l	99
78) n-propylbenzene	11.36	91	939872	54.78	ug/l	100
79) 2-Chlorotoluene	11.42	91	546267	52.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	678459	54.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82856	55.90	ug/l	97
82) 4-Chlorotoluene	11.51	91	653962	53.98	ug/l	100
83) tert-Butylbenzene	11.77	119	664993	54.84	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	698545	55.13	ug/l	99
85) sec-Butylbenzene	11.94	105	817267	55.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	725327	54.84	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394686	51.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391081	49.57	ug/l	99
89) n-Butylbenzene	12.39	91	650254	54.31	ug/l	99
90) Hexachloroethane	12.60	117	112462	53.29	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	391618	50.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66299	51.46	ug/l	99

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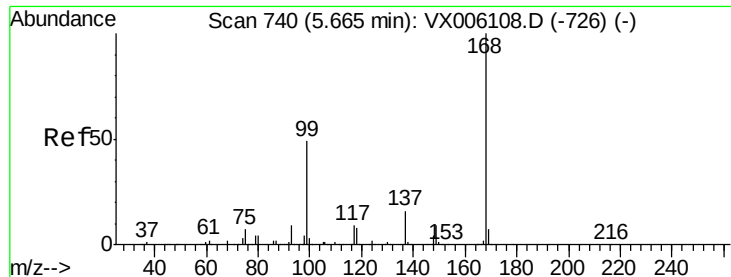
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289901	52.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	134545	50.37	ug/l	99
95) Naphthalene	13.83	128	908281	56.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291539	52.18	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 168 Resp: 325967

Ion Ratio Lower Upper

168 100

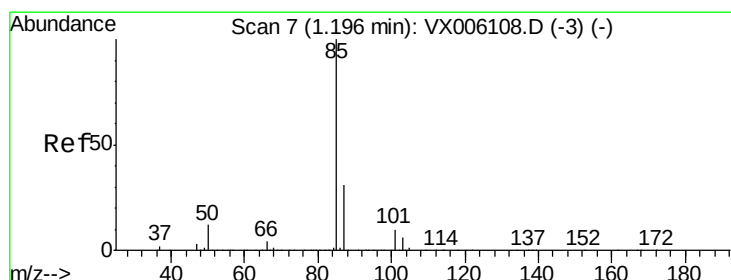
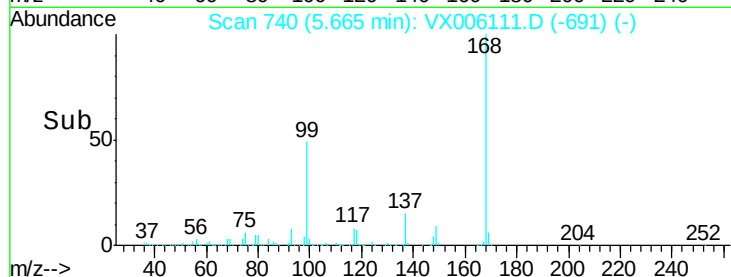
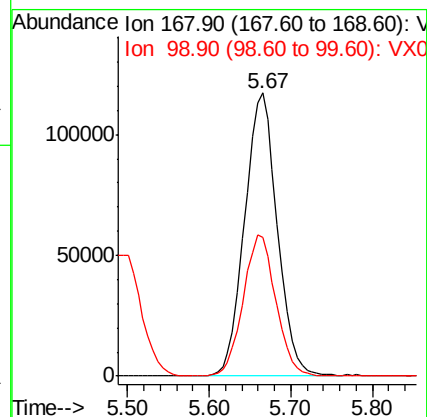
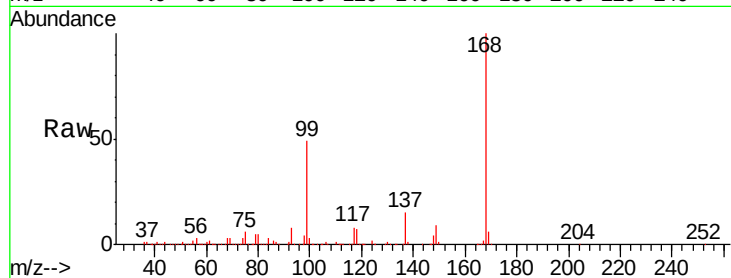
99 48.9 39.2 58.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.22 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006111.D

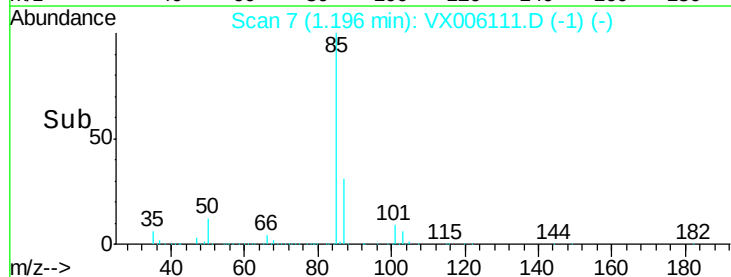
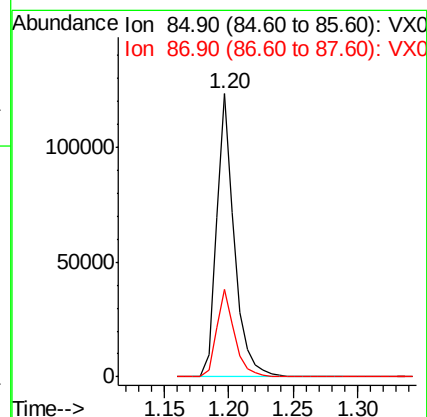
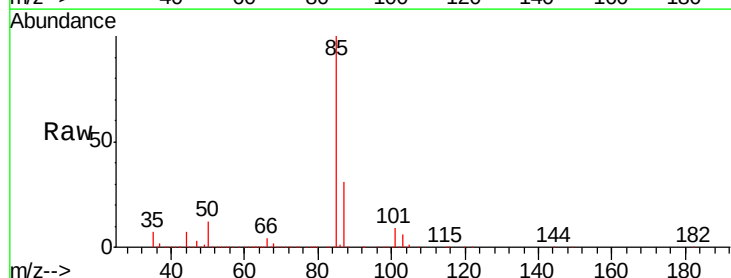
Acq: 20 Nov 2018 20:22

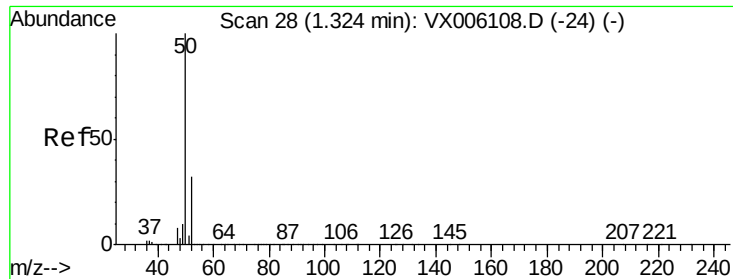
Tgt Ion: 85 Resp: 119227

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.1





#3

Chloromethane

Concen: 50.44 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 50 Resp: 154345

Ion Ratio Lower Upper

50 100

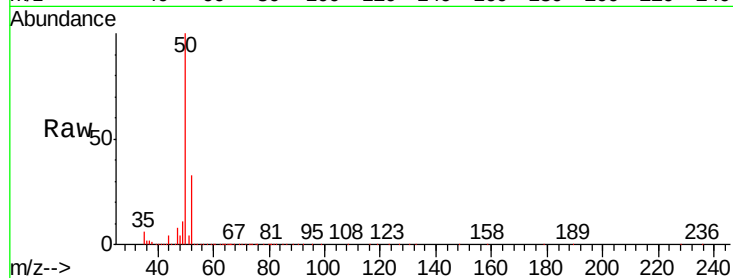
52 32.6 25.6 38.4

Manual Integrations

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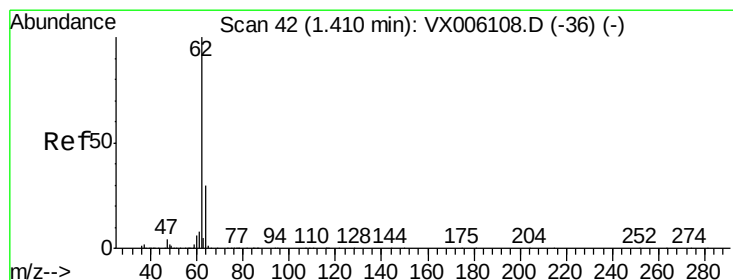
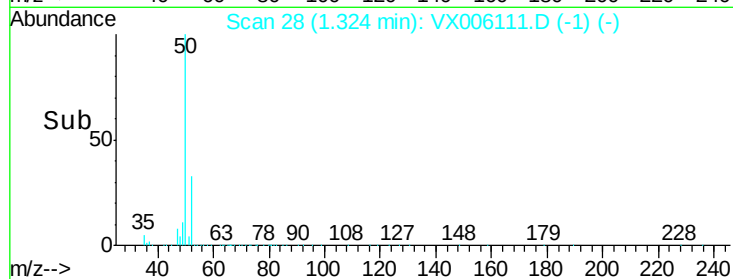
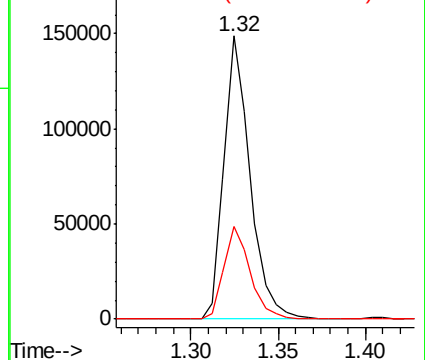
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.36 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006111.D

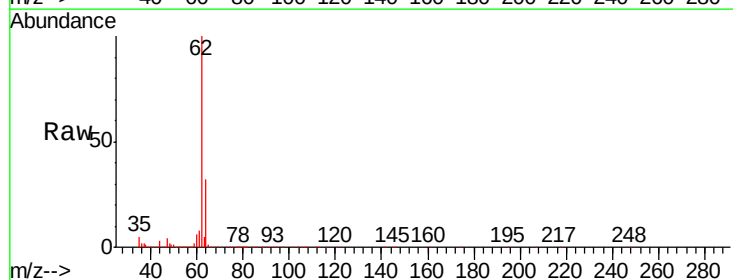
Acq: 20 Nov 2018 20:22

Tgt Ion: 62 Resp: 150508

Ion Ratio Lower Upper

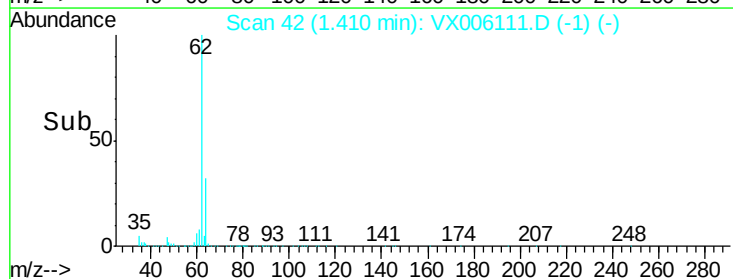
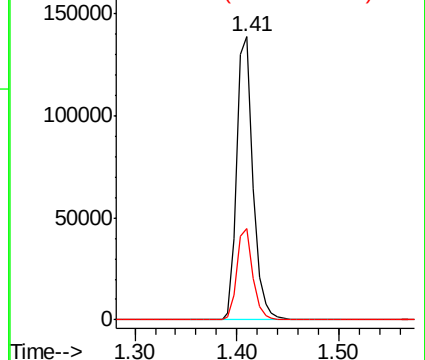
62 100

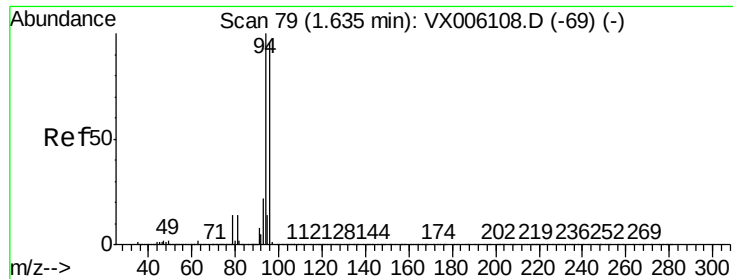
64 32.2 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.94 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

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ClientSampleId :

ICVVX112018

Tgt Ion: 94 Resp: 122120

Ion Ratio Lower Upper

94 100

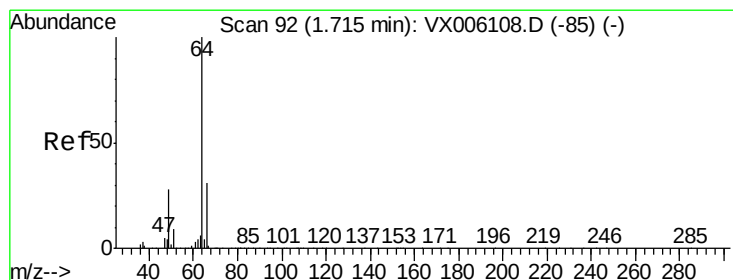
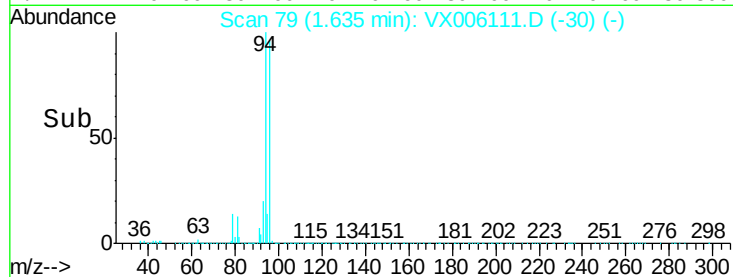
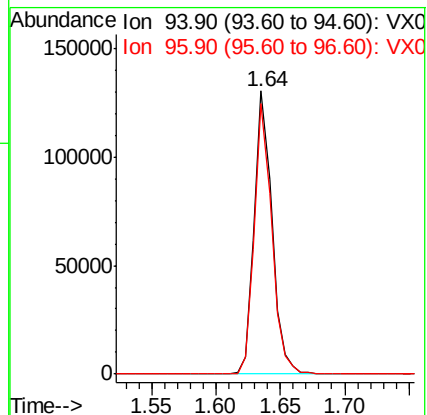
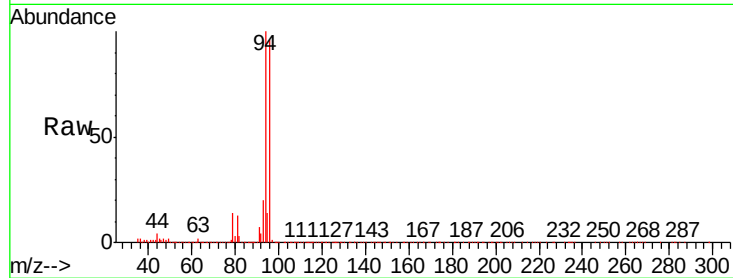
96 95.6 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 58.37 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006111.D

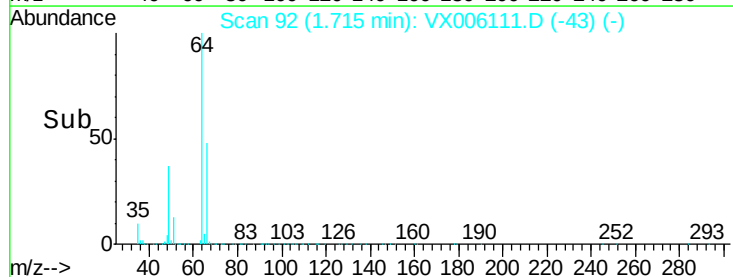
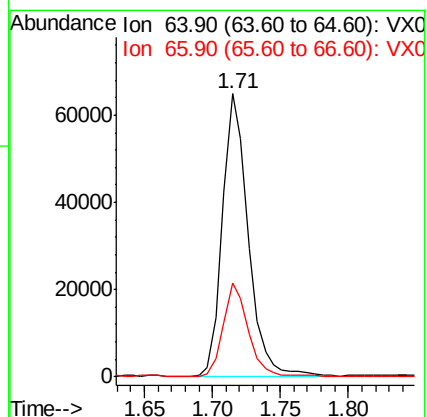
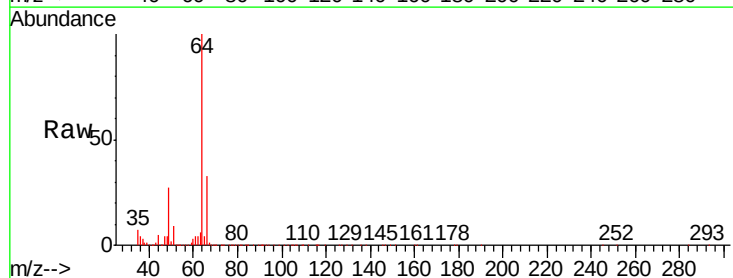
Acq: 20 Nov 2018 20:22

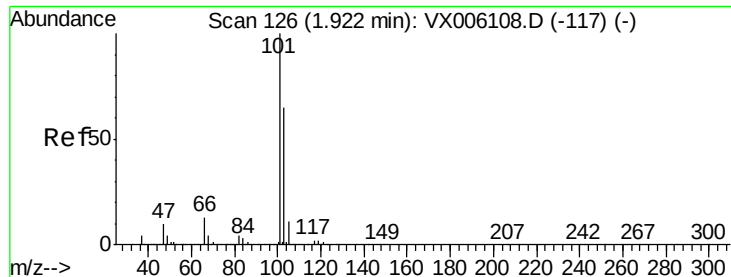
Tgt Ion: 64 Resp: 85171

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





#7

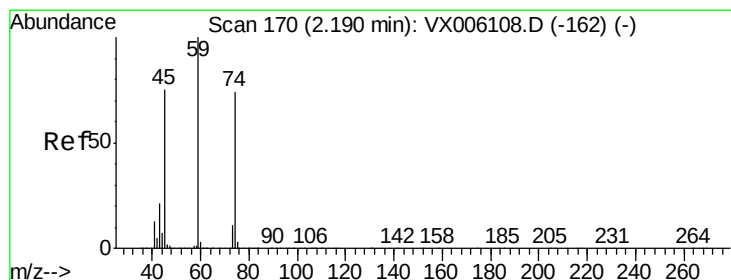
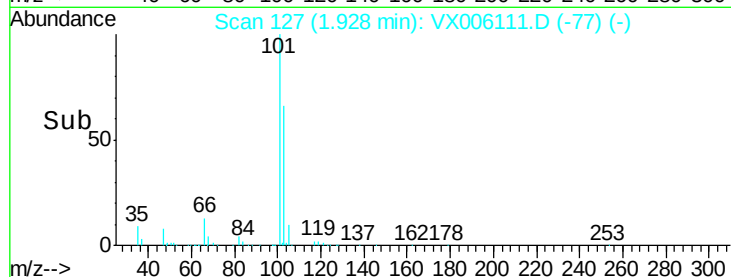
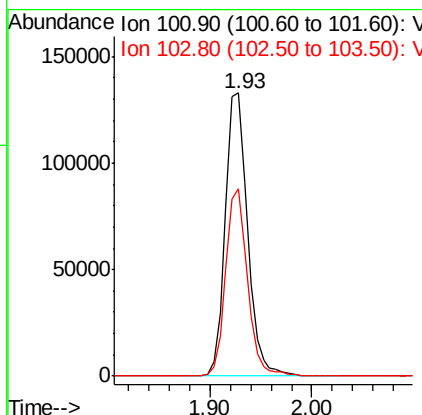
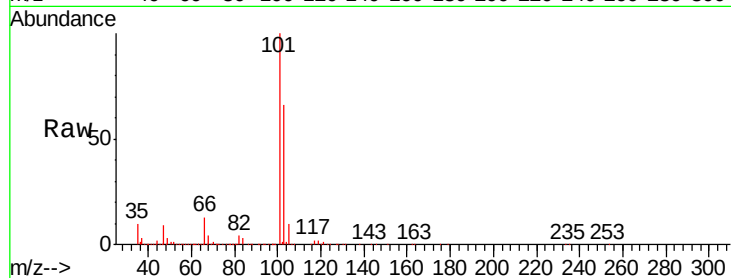
Trichlorofluoromethane
Concen: 49.63 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	202075		
103	66.2	52.1	78.1	

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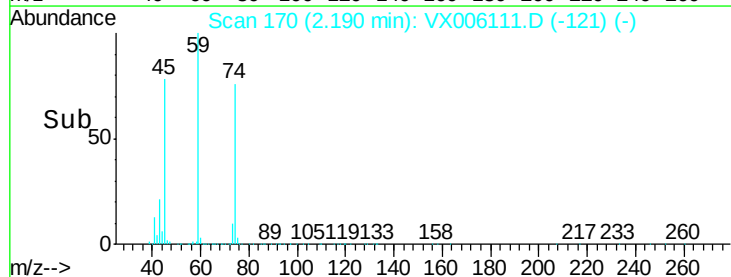
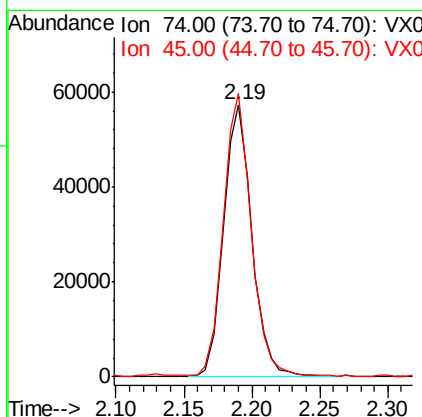
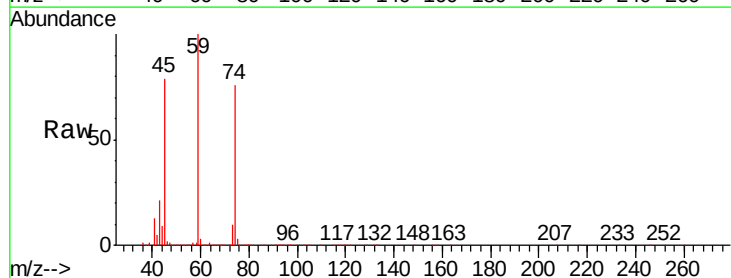
MMDadoda
11/21/2018 10:37:33 AM

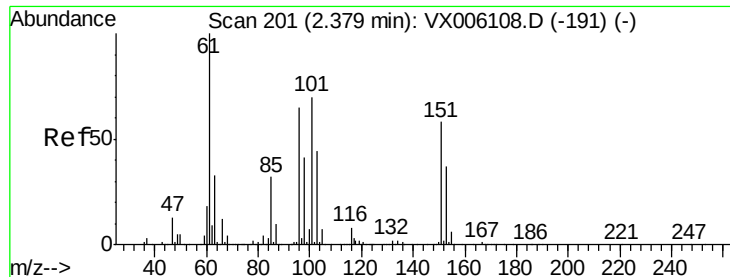


#8

Diethyl Ether
Concen: 47.92 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	82480		
45	102.4	52.2	156.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.98 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

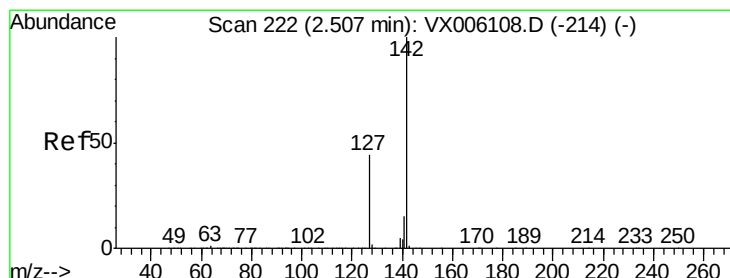
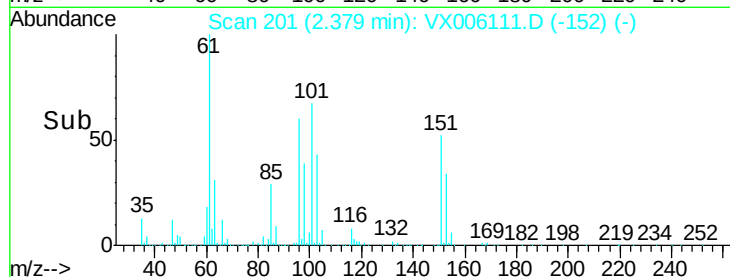
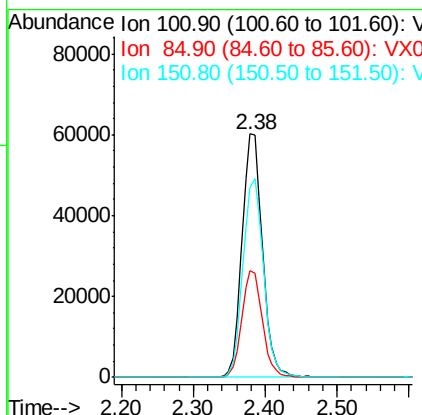
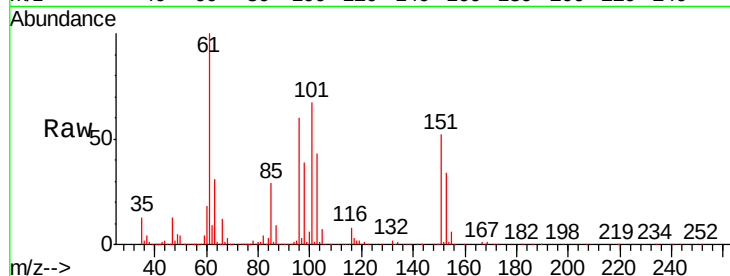
ClientSampleId :

ICVVX112018

Tgt Ion:	101	Resp:	118263
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	82.5	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.86 ug/l

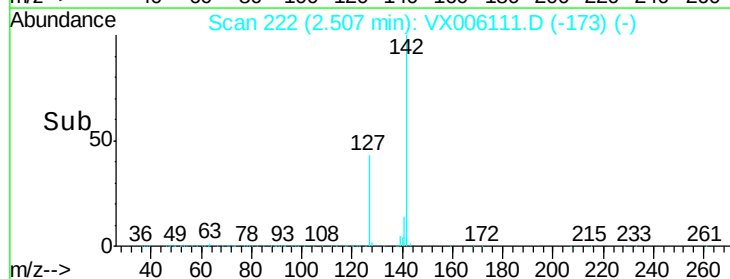
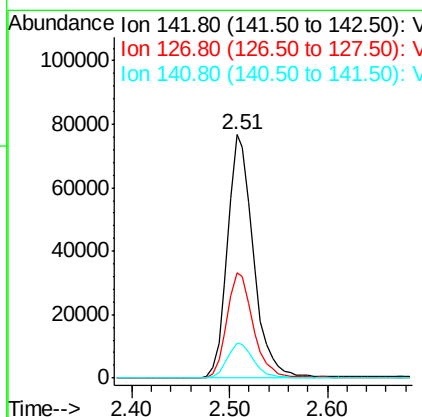
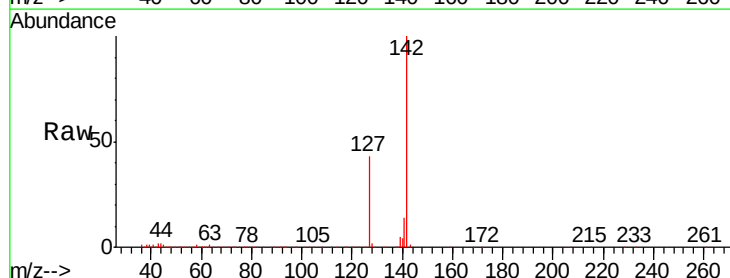
RT: 2.51 min Scan# 222

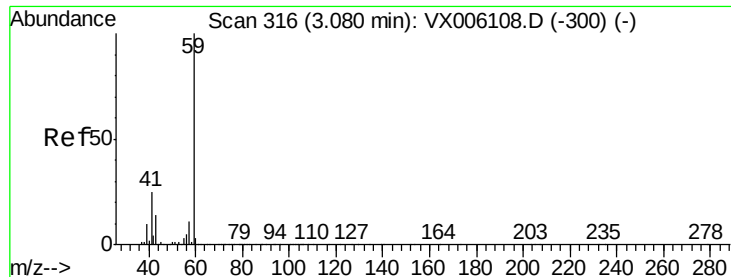
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	142	Resp:	141841
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.0	54.0
141	14.7	11.7	17.5





#11

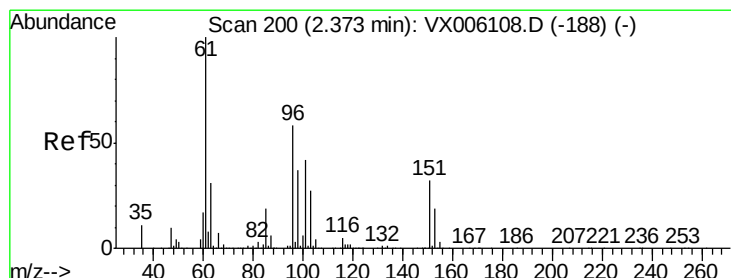
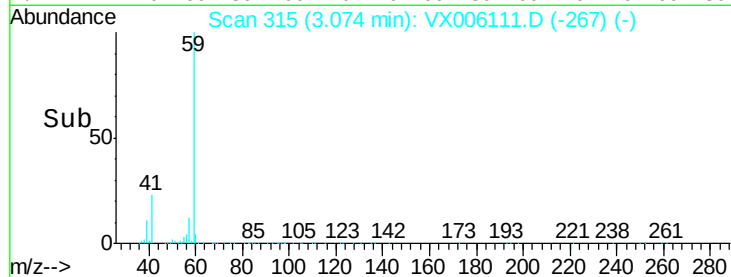
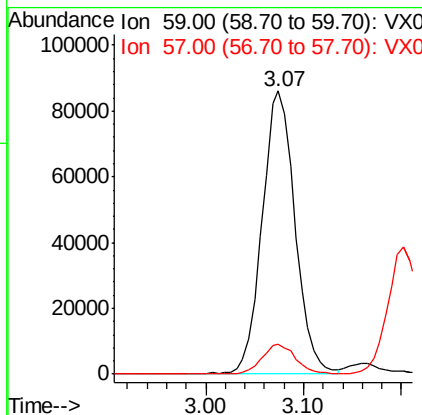
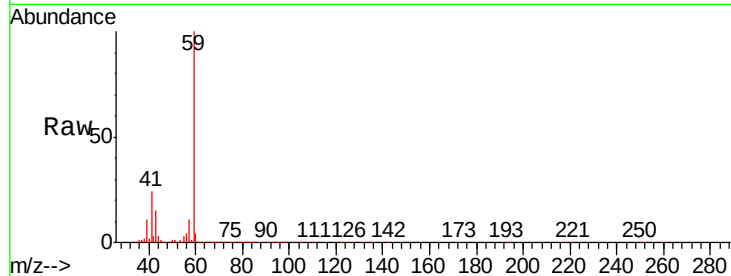
Tert butyl alcohol
Concen: 250.15 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	200998		
57	10.6		8.7	13.1

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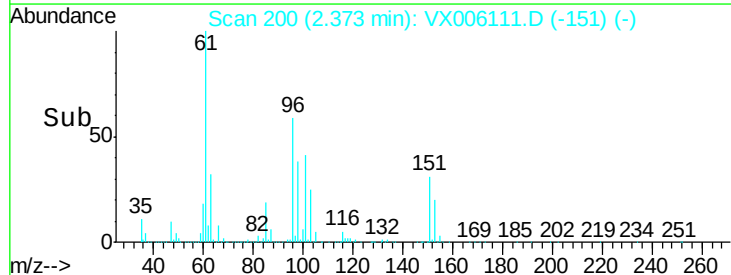
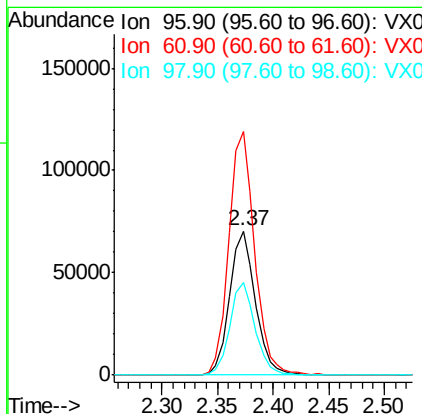
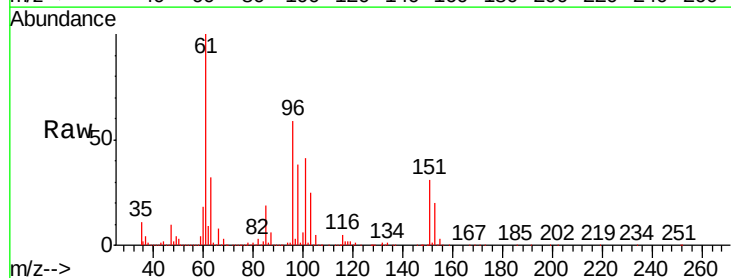
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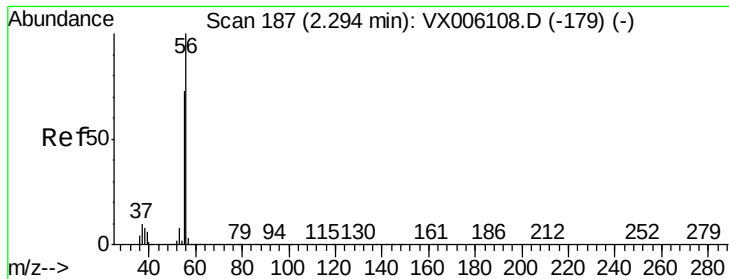


#12

1,1-Dichloroethene
Concen: 47.68 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	112226		
61	169.1		138.2	207.4
98	63.9		51.3	76.9





#13

Acrolein

Concen: 239.90 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 56 Resp: 115345

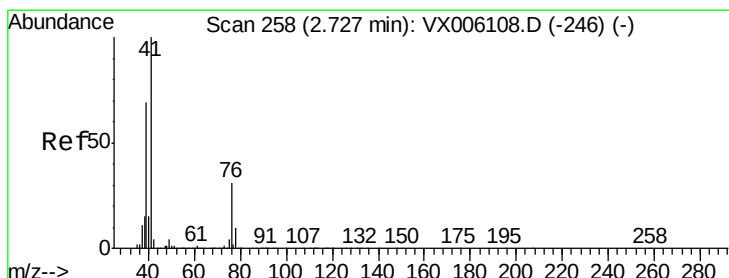
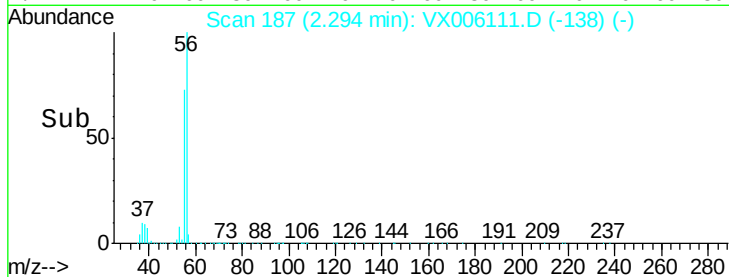
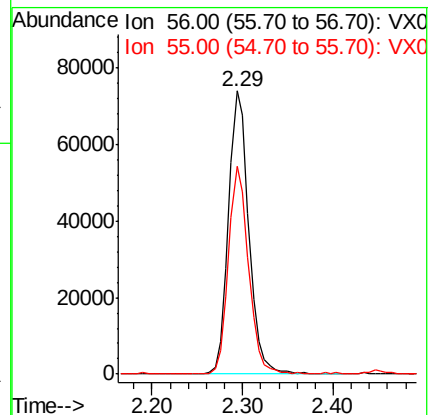
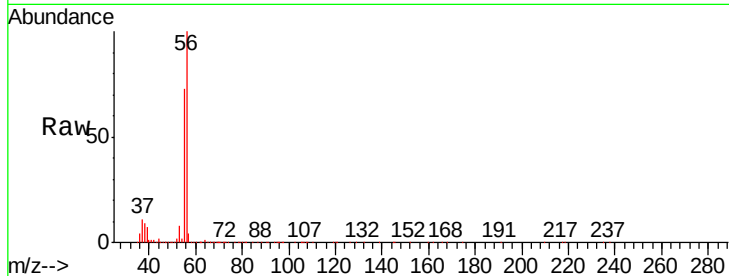
Ion Ratio Lower Upper

56 100

55 72.1 57.8 86.6

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#14

Allyl chloride

Concen: 49.79 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

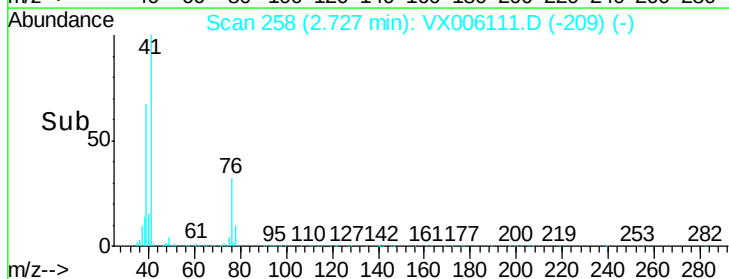
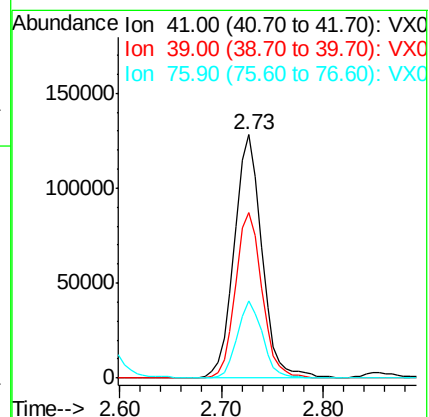
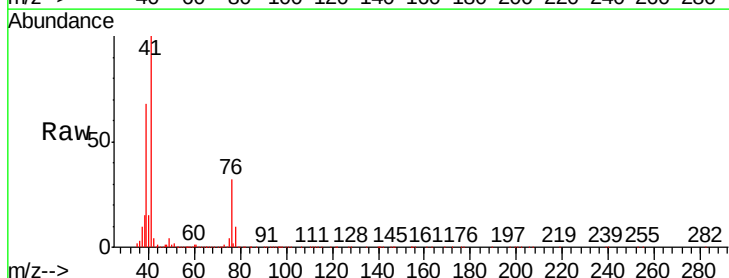
Tgt Ion: 41 Resp: 239766

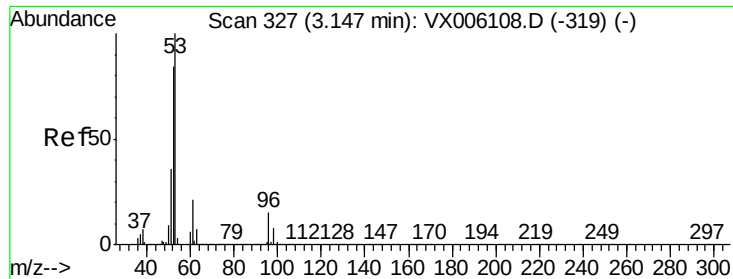
Ion Ratio Lower Upper

41 100

39 65.2 52.5 78.7

76 28.8 23.4 35.2





#15

Acrylonitrile

Concen: 242.07 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

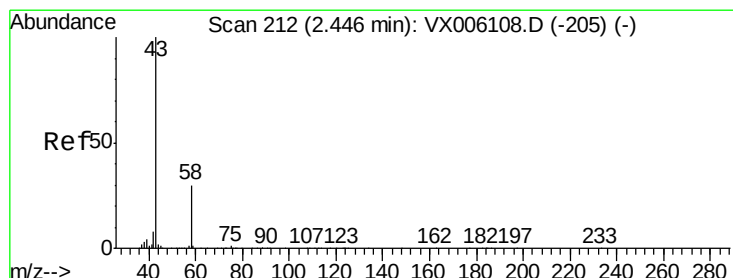
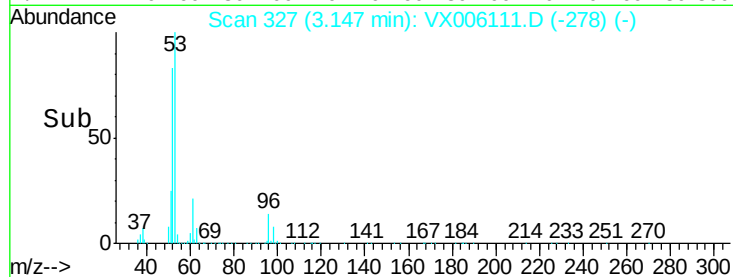
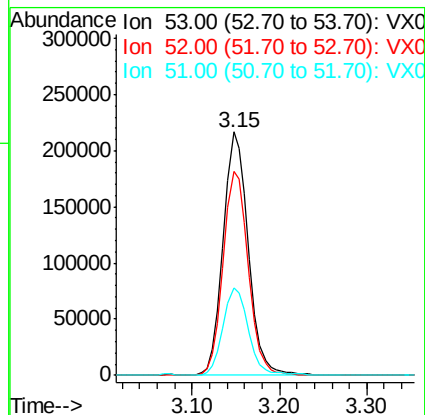
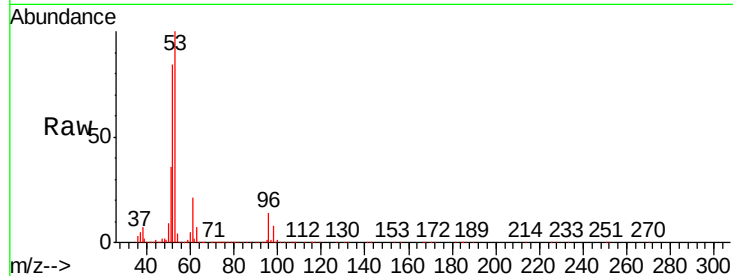
ClientSampleId :

ICVVX112018

Tgt Ion:	53	Resp:	429608
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.4	99.6
51	36.6	29.4	44.0

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#16

Acetone

Concen: 236.89 ug/l

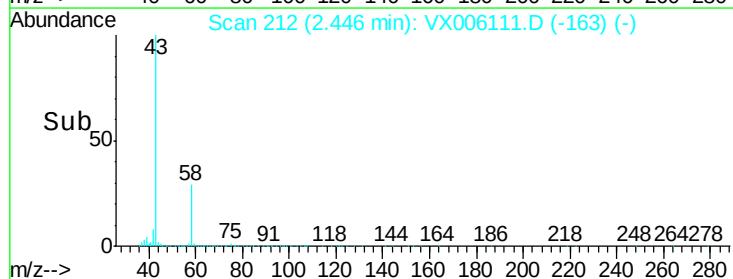
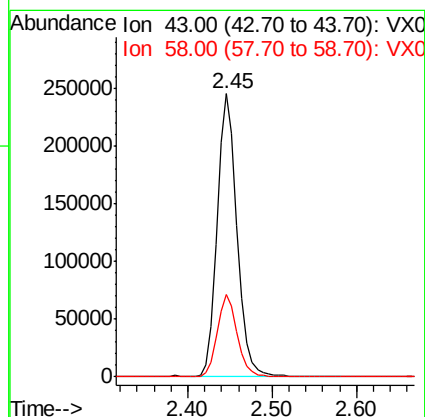
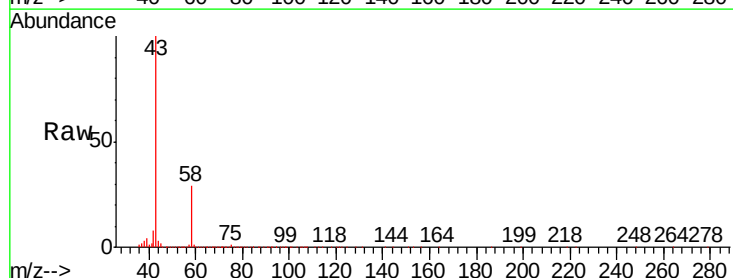
RT: 2.45 min Scan# 212

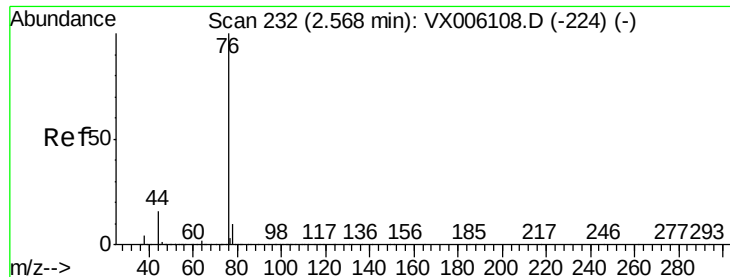
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	43	Resp:	397056
Ion Ratio	Lower	Upper	
43	100		
58	29.3	23.8	35.8





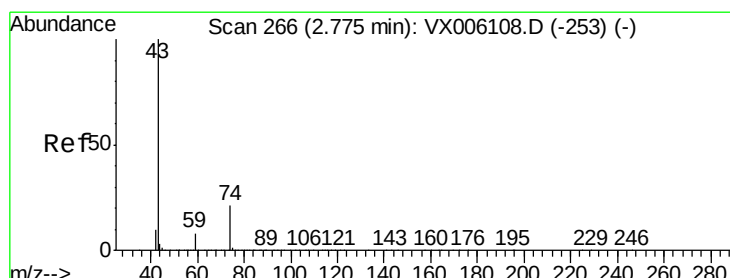
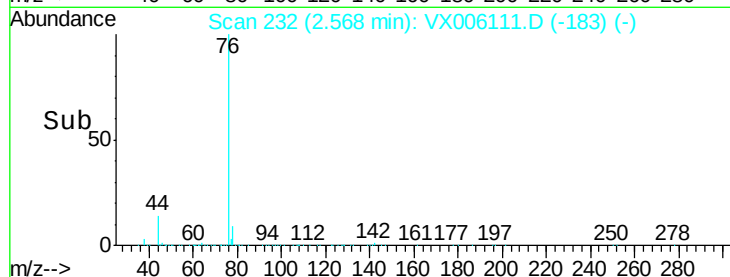
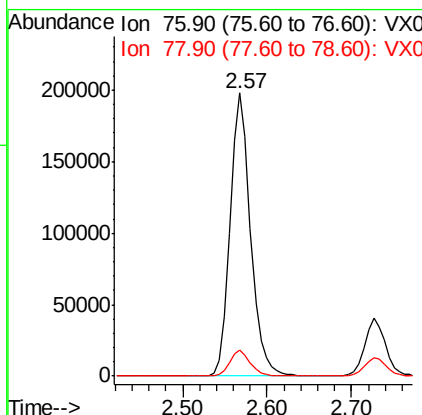
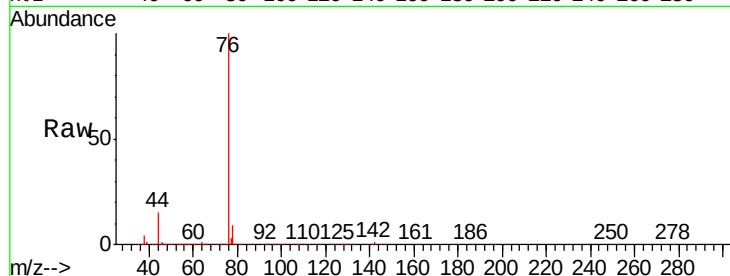
#17
Carbon Disulfide
Concen: 51.61 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

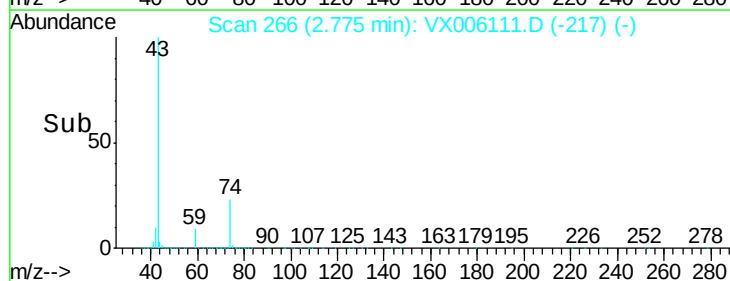
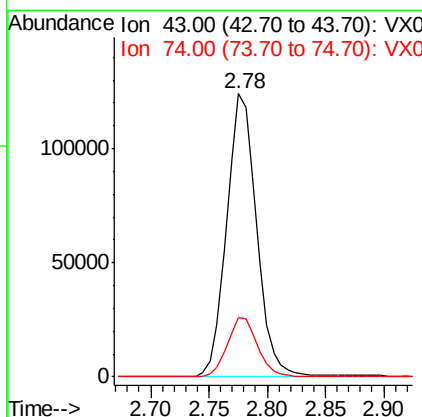
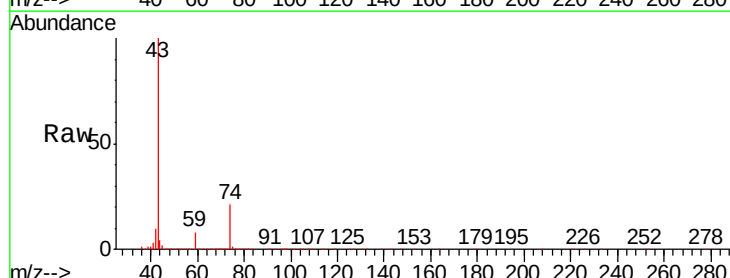
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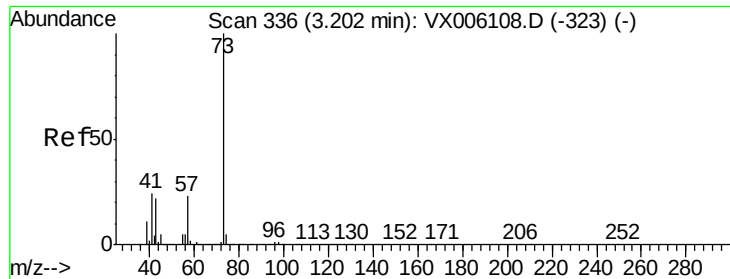
MMDadoda
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#18
Methyl Acetate
Concen: 51.35 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.3	25.9





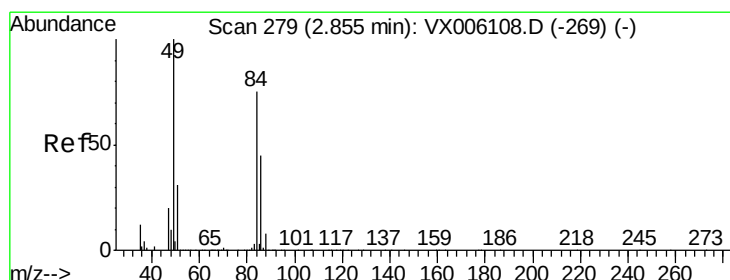
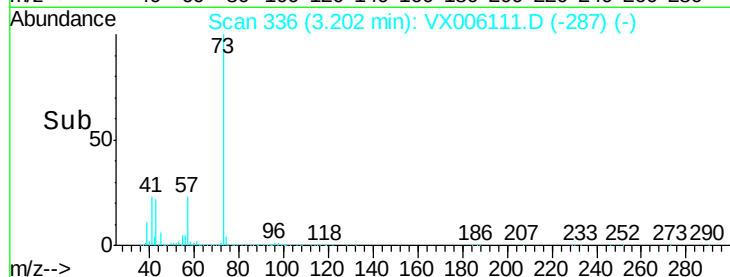
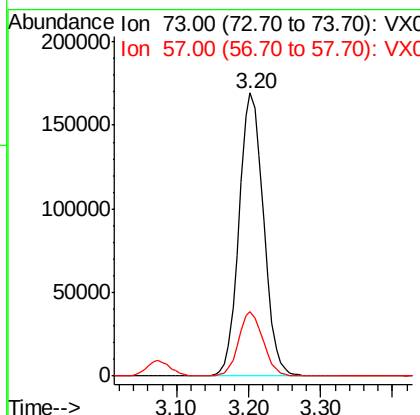
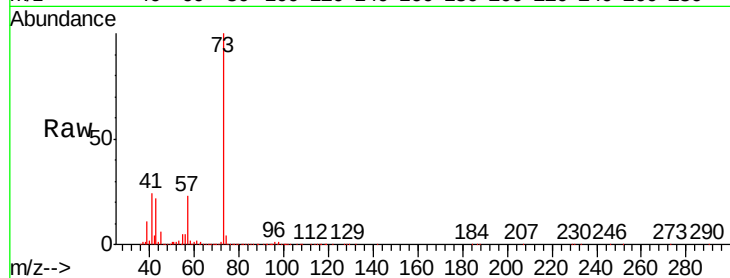
#19
Methyl tert-butyl Ether
Concen: 49.13 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

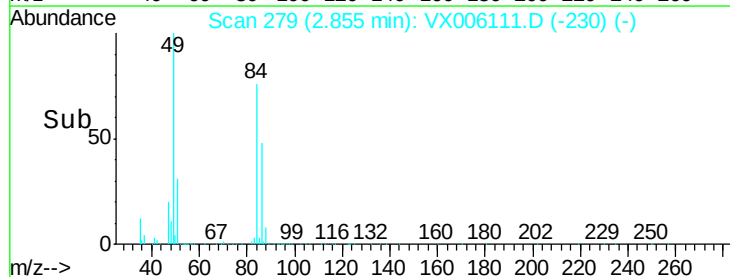
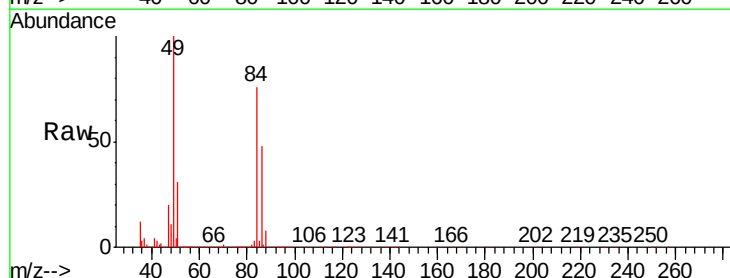
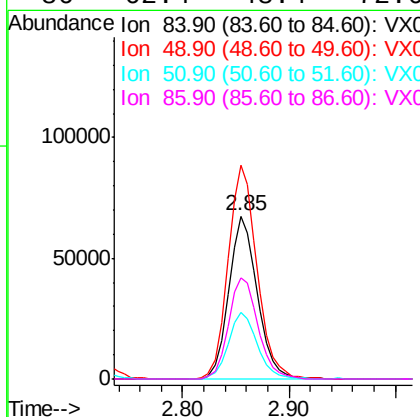
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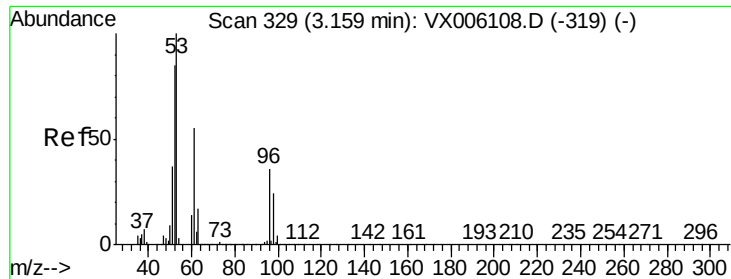
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#20
Methylene Chloride
Concen: 49.82 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.1	106.6	159.8
51	41.0	32.6	49.0
86	62.4	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 49.02 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

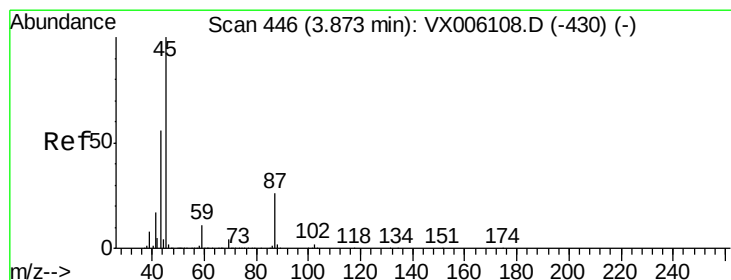
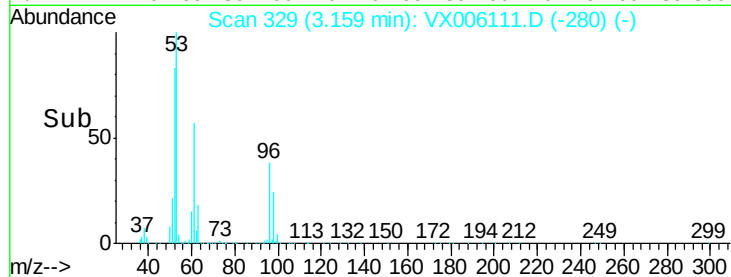
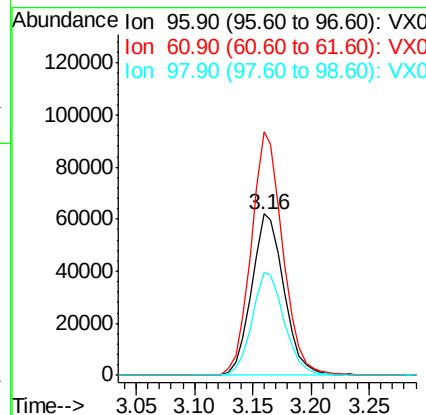
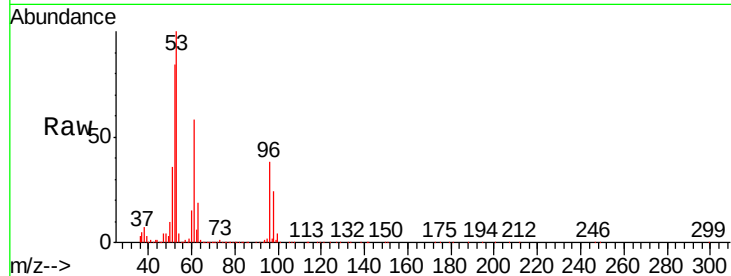
ClientSampleId :

ICVVX112018

Tgt Ion:	96	Resp:	120708
Ion Ratio	Lower	Upper	
96	100		
61	150.6	122.0	183.0
98	63.9	52.7	79.1

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#22

Diisopropyl ether

Concen: 52.48 ug/l

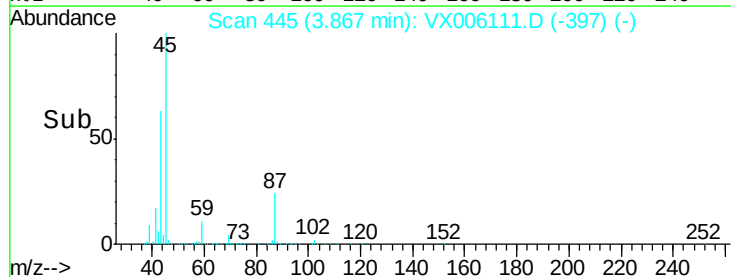
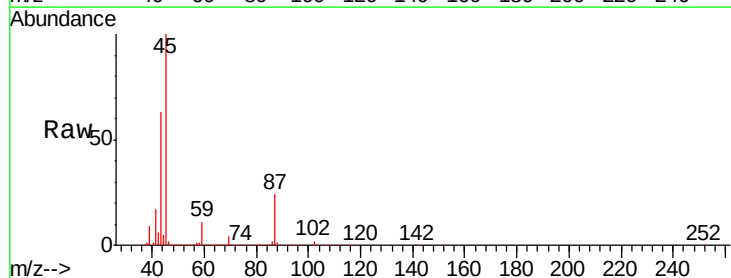
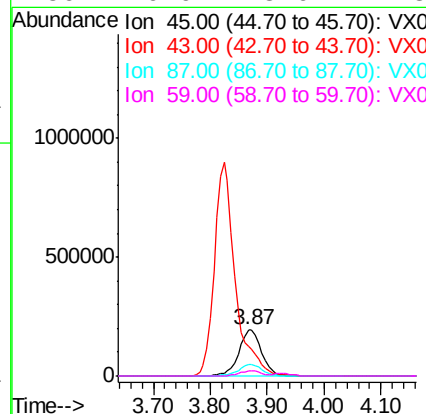
RT: 3.87 min Scan# 445

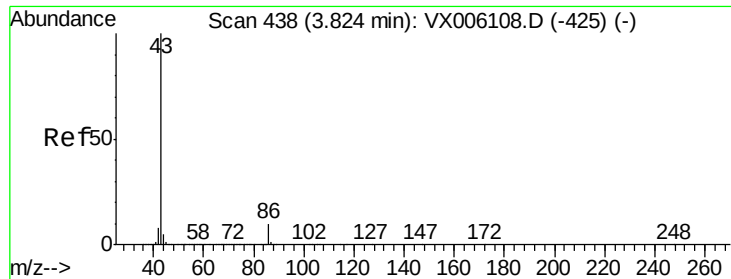
Delta R.T. -0.01 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	45	Resp:	541005
Ion Ratio	Lower	Upper	
45	100		
43	62.5	45.8	68.8
87	24.1	21.0	31.4
59	10.9	8.6	12.8





#23

Vinyl Acetate

Concen: 268.57 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 43 Resp: 2296846

Ion Ratio Lower Upper

43 100

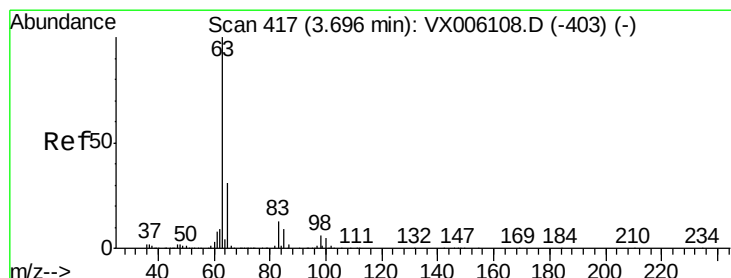
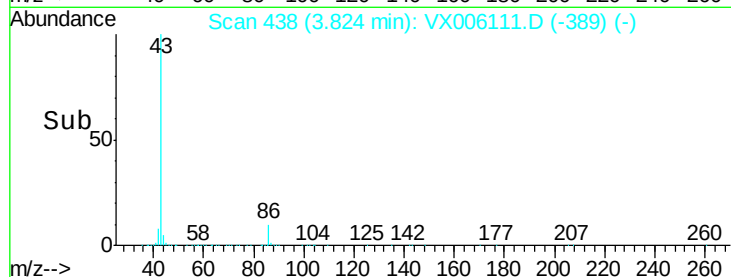
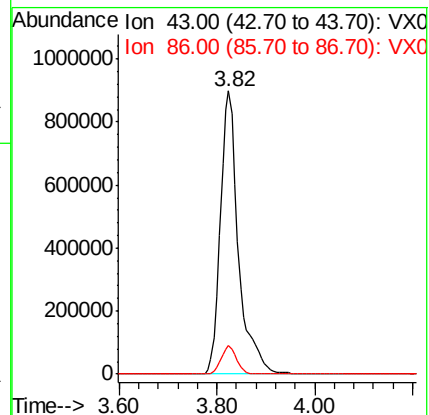
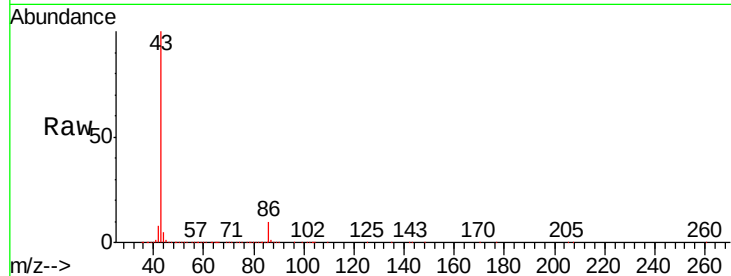
86 9.9 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 49.90 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

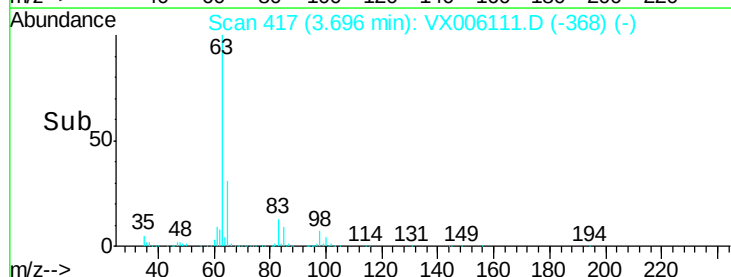
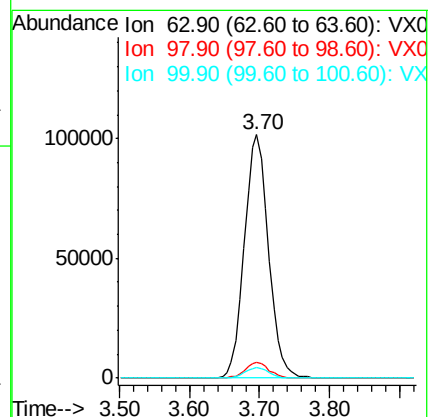
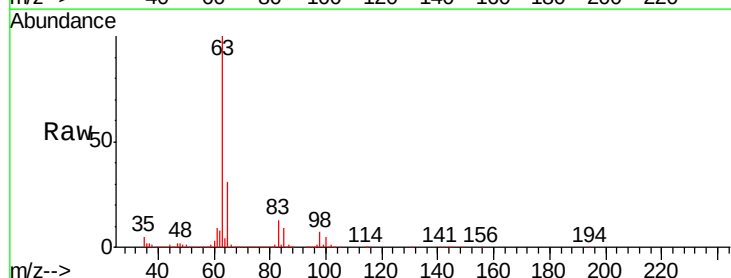
Tgt Ion: 63 Resp: 242356

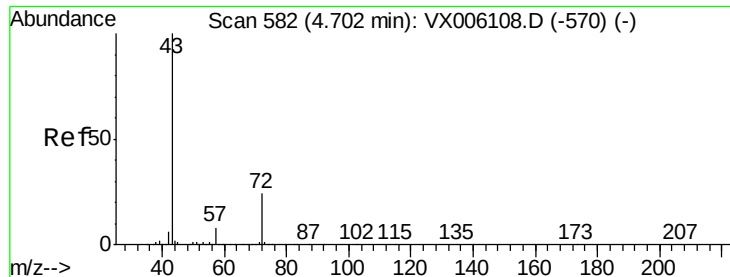
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 250.68 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 43 Resp: 779883

Ion Ratio Lower Upper

43 100

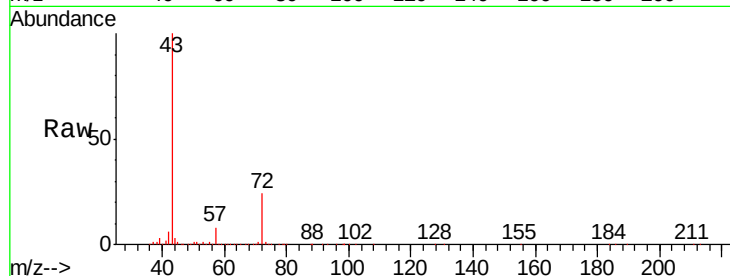
72 23.8 19.2 28.8

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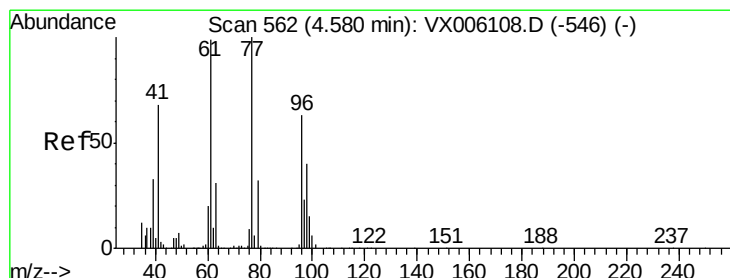
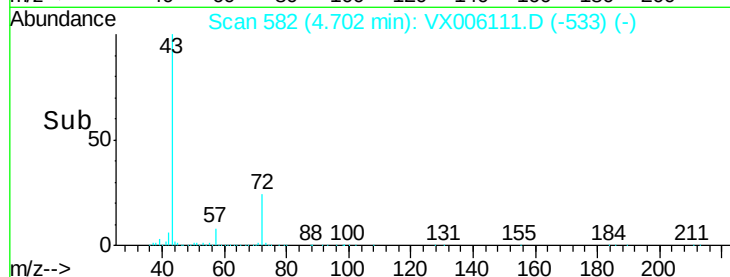
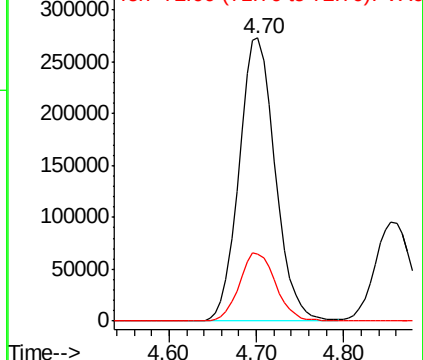
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.14 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006111.D

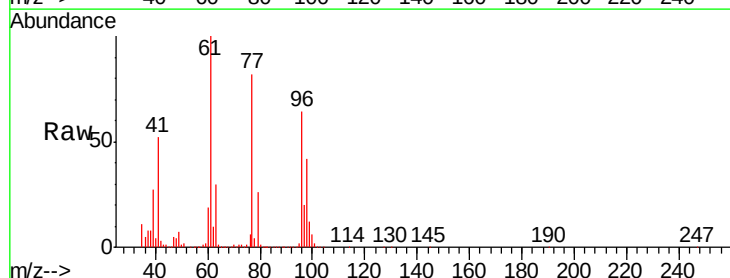
Acq: 20 Nov 2018 20:22

Tgt Ion: 77 Resp: 204682

Ion Ratio Lower Upper

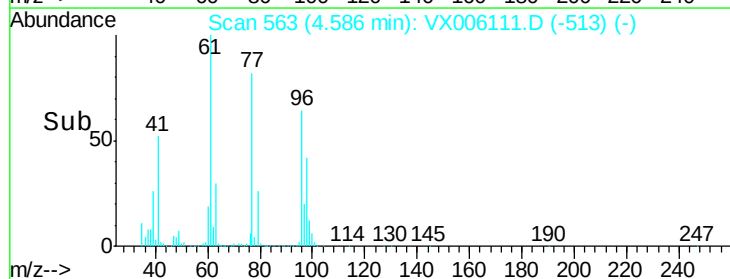
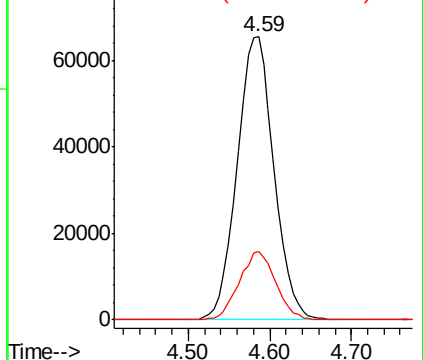
77 100

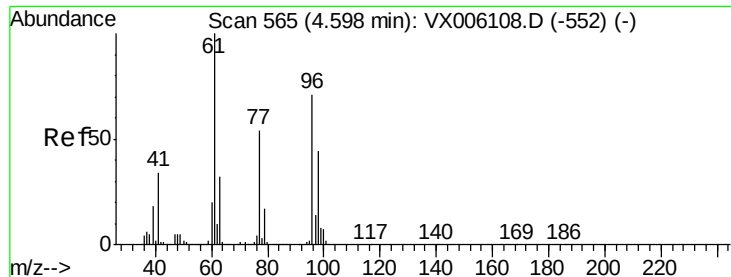
97 24.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.68 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

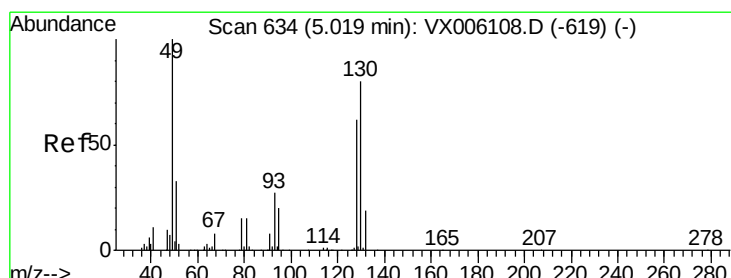
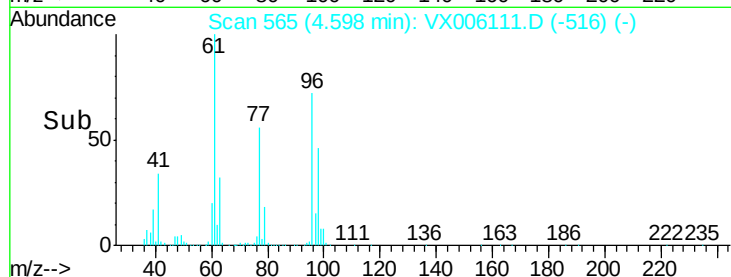
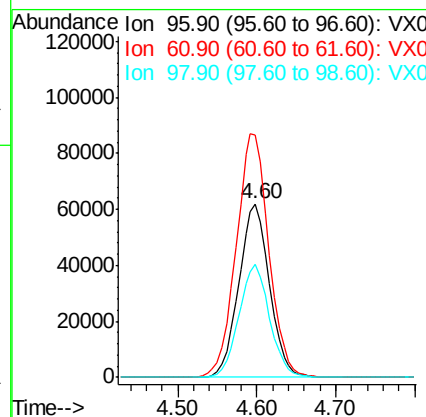
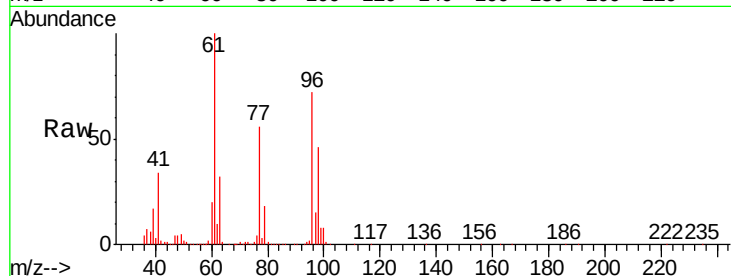
ClientSampleId :

ICVVX112018

Tgt Ion:	96	Resp:	167557
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	291.6
98	65.0	0.0	128.2

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#28

Bromochloromethane

Concen: 49.71 ug/l

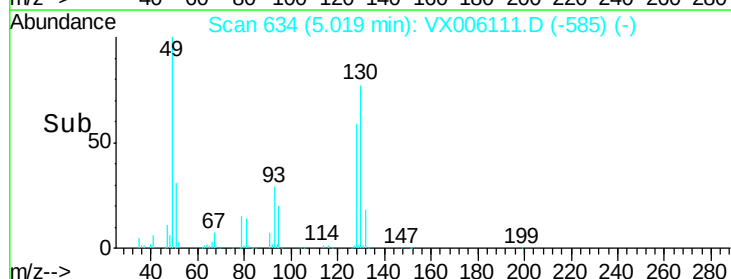
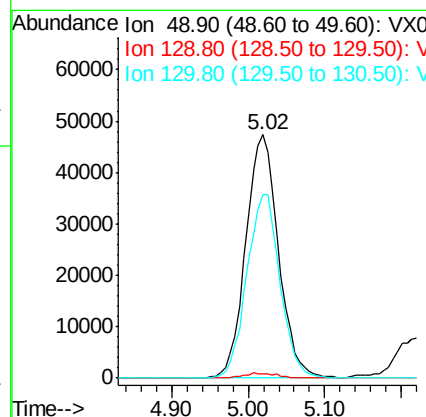
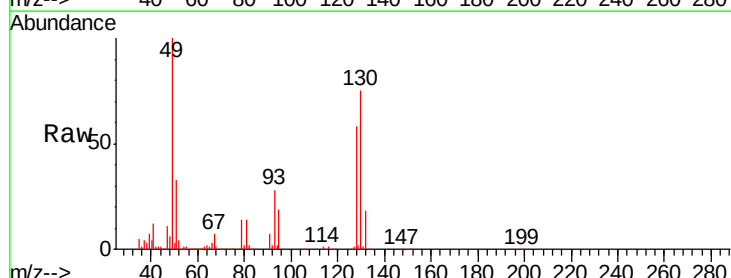
RT: 5.02 min Scan# 634

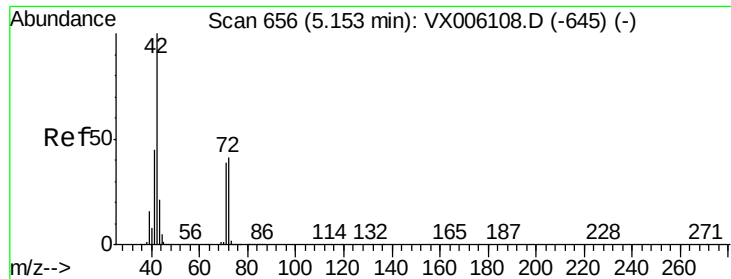
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	49	Resp:	140698
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	76.6	61.6	92.4





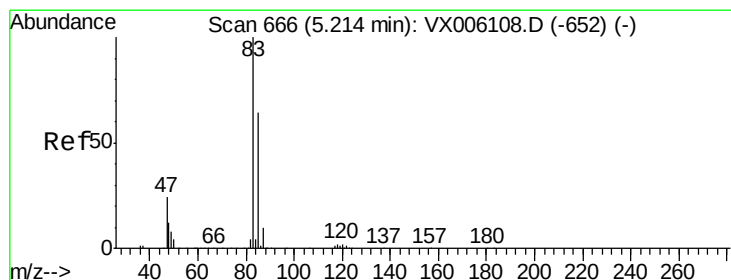
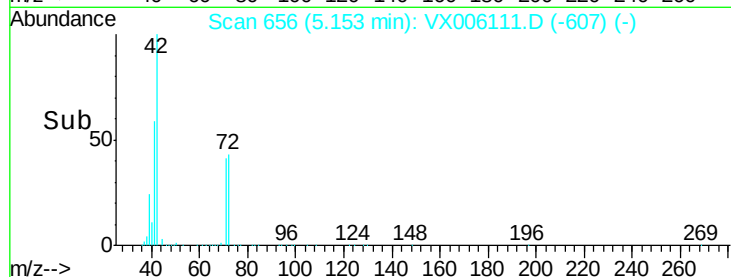
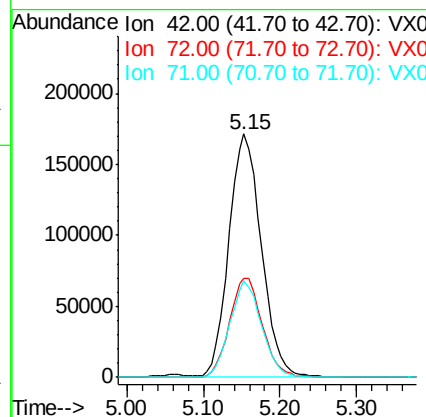
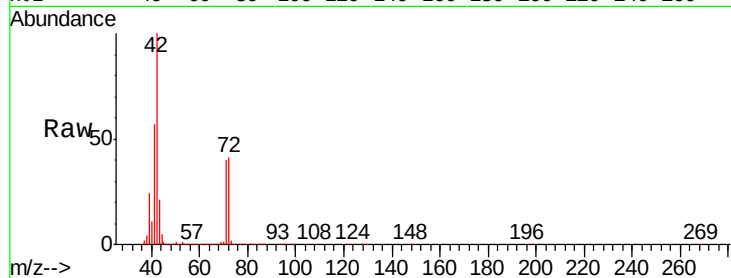
#29
Tetrahydrofuran
Concen: 258.02 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.0	49.6
71	39.2	31.0	46.4

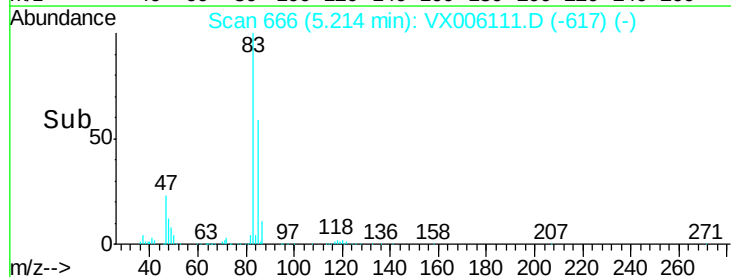
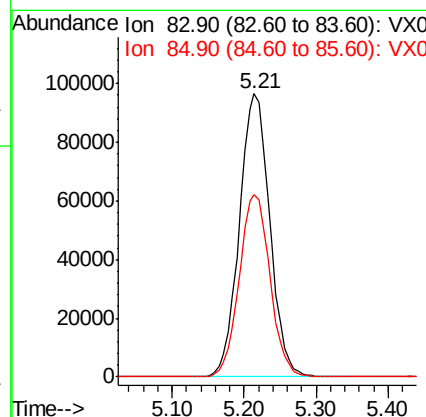
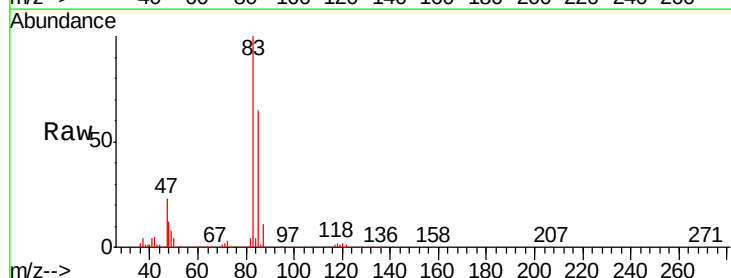
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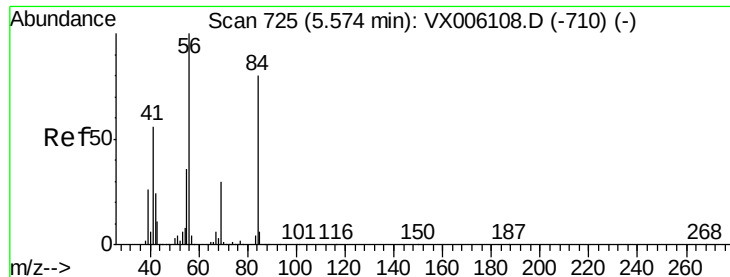
MMDadoda
11/21/2018 10:37:33 AM



#30
Chloroform
Concen: 48.10 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.4





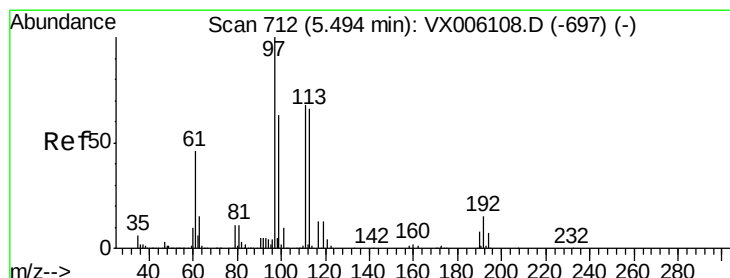
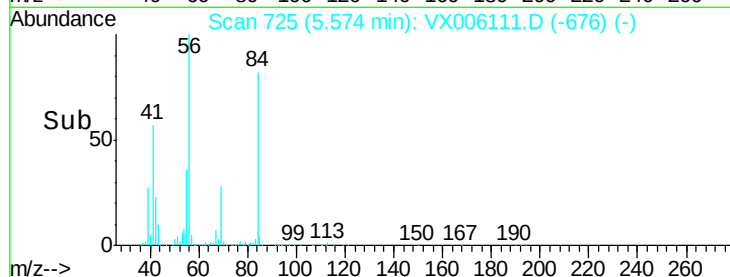
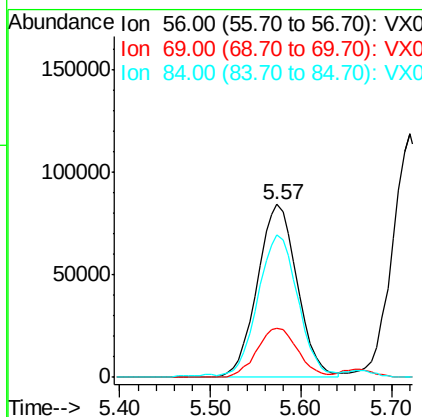
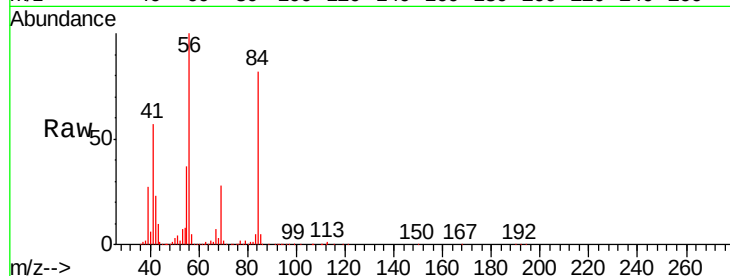
#31
Cyclohexane
Concen: 50.42 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.9	35.9
84	81.1	63.6	95.4

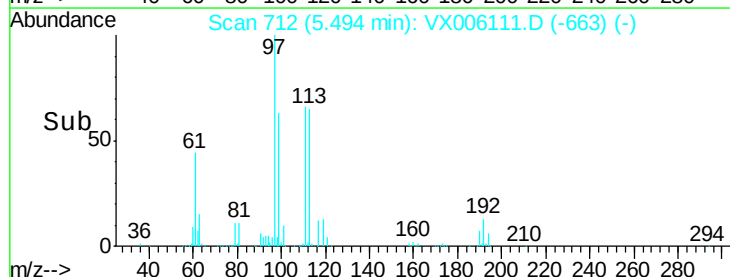
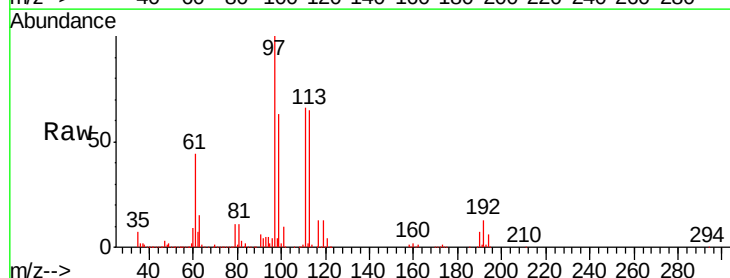
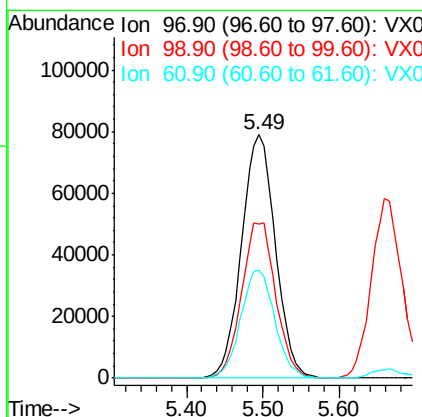
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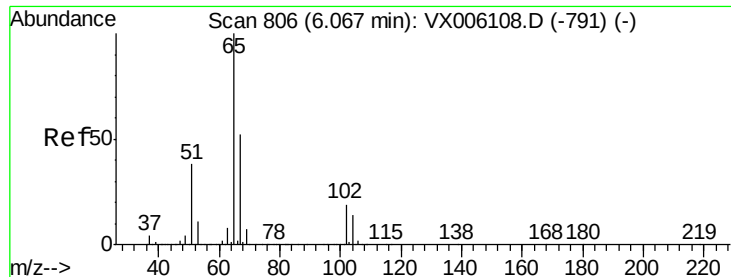
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11/21/2018 10:37:33 AM



#32
1,1,1-Trichloroethane
Concen: 51.27 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.8	36.6	55.0





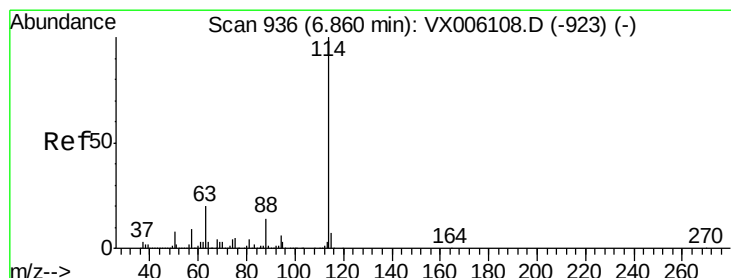
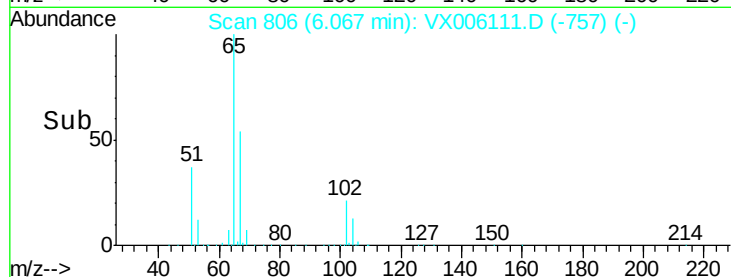
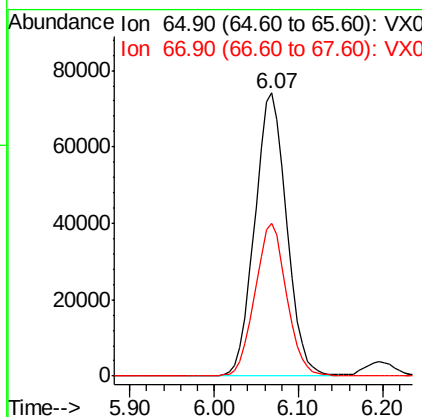
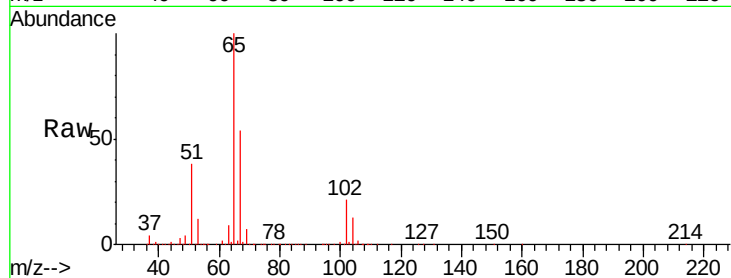
#33
 1,2-Dichloroethane-d4
 Concen: 50.90 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.8

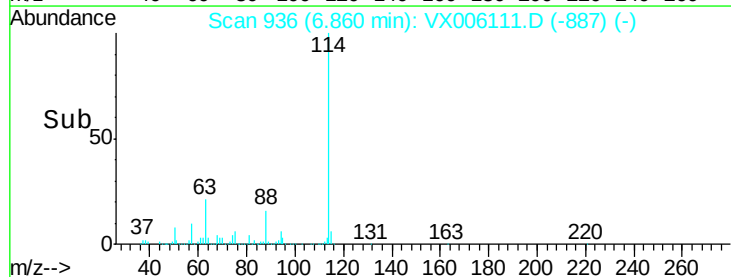
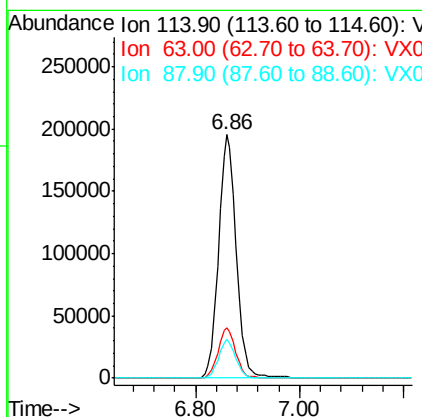
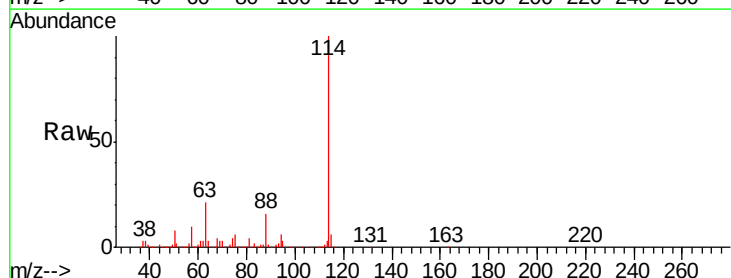
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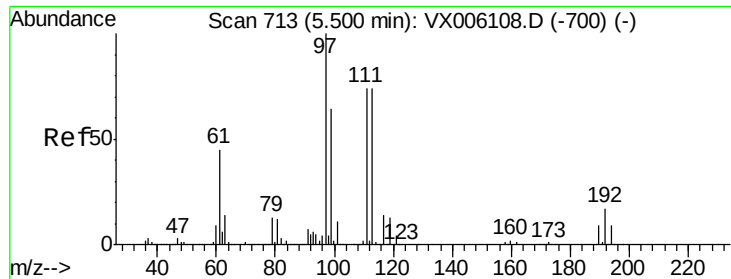
MMDadoda
 11/21/2018 10:37:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	16.0	0.0	28.6





#35

Dibromofluoromethane

Concen: 52.34 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

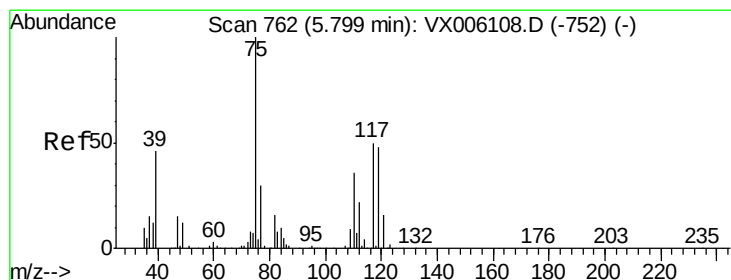
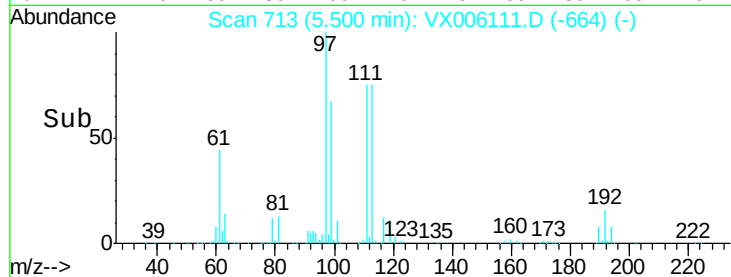
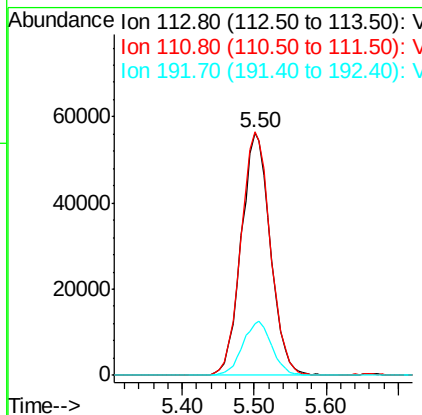
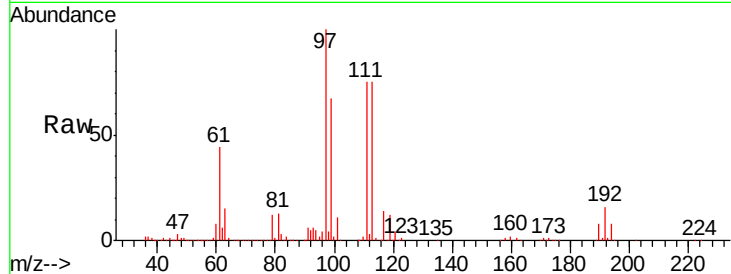
ClientSampleId :

ICVVX112018

Tgt Ion:	113	Resp:	157674
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.5	122.3
192	22.4	18.6	28.0

Manual Integrations
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11/21/2018 10:37:33 AM



#36

1,1-Dichloropropene

Concen: 50.31 ug/l

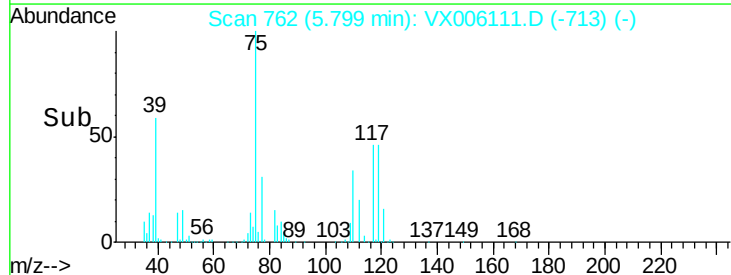
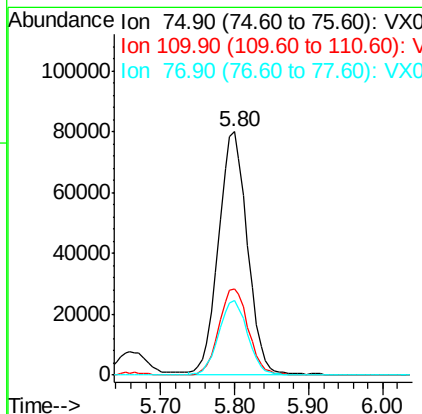
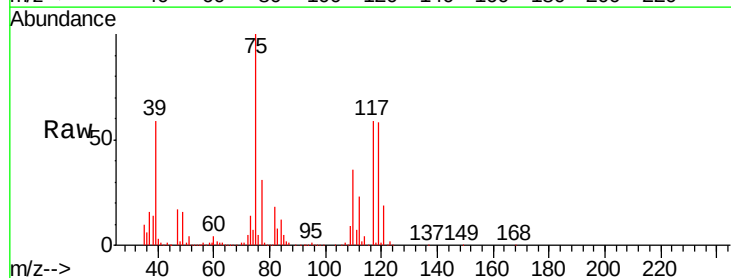
RT: 5.80 min Scan# 762

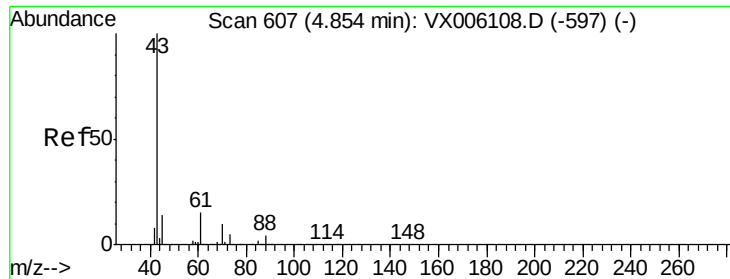
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	75	Resp:	214798
Ion Ratio	Lower	Upper	
75	100		
110	36.3	17.8	53.3
77	30.6	24.5	36.7





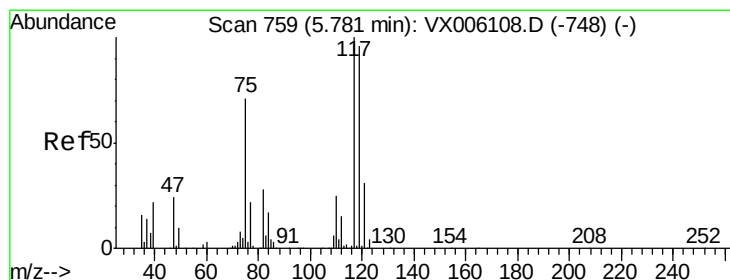
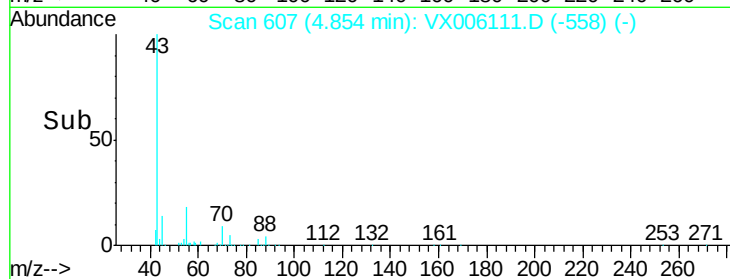
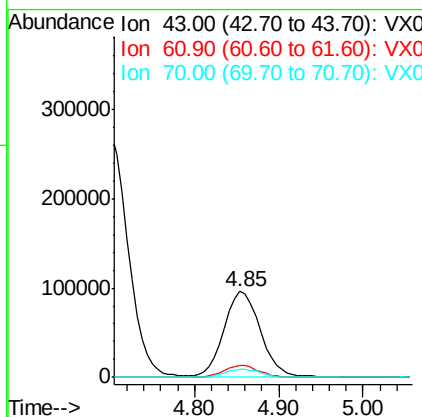
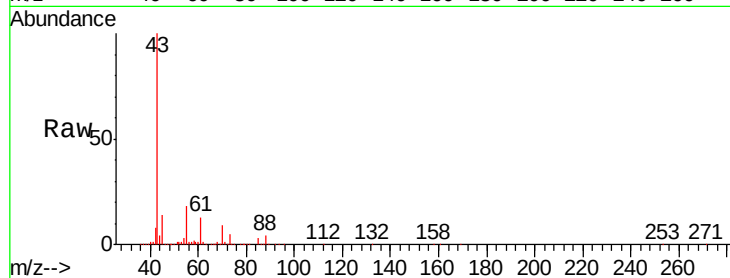
#37
 Ethyl Acetate
 Concen: 51.29 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.7	7.9	11.9

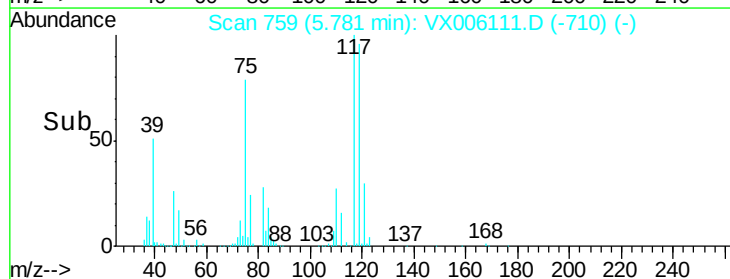
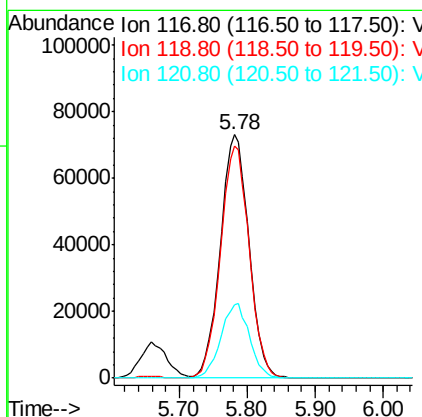
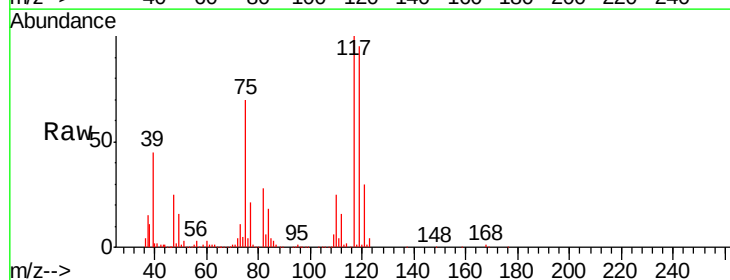
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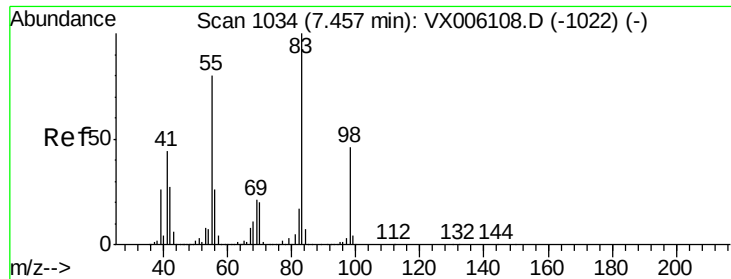
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 11/21/2018 10:37:33 AM



#38
 Carbon Tetrachloride
 Concen: 52.94 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.3	114.5
121	30.2	24.7	37.1





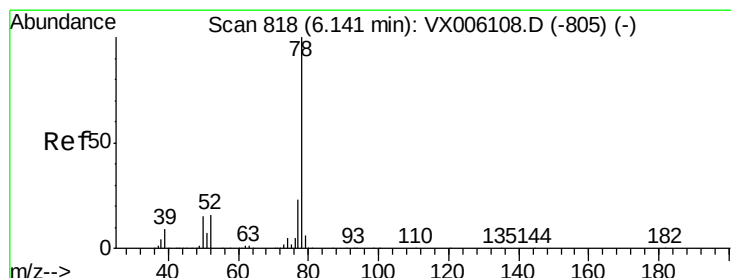
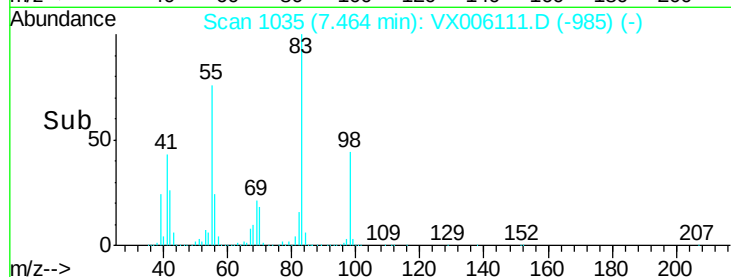
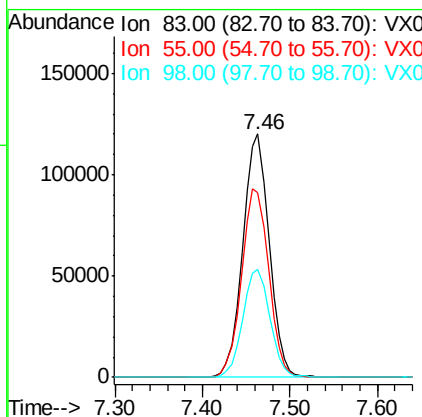
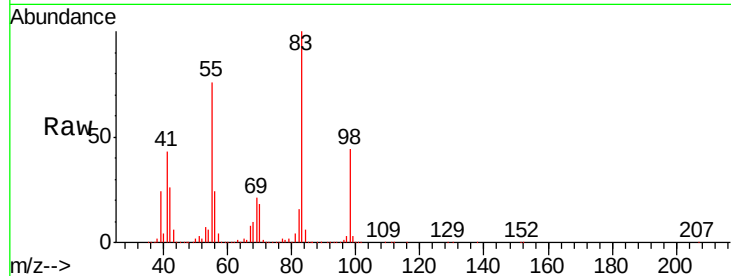
#39
Methylcyclohexane
Concen: 51.90 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	252437		
55	75.8	63.9	95.9	
98	44.4	36.8	55.2	

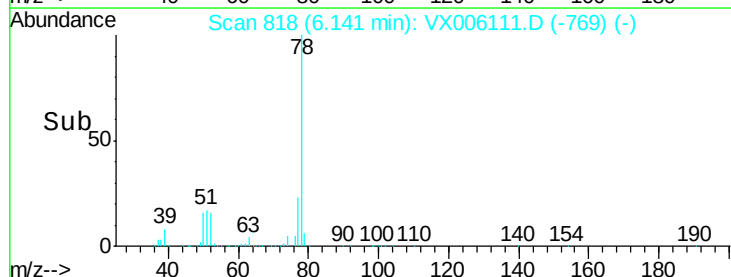
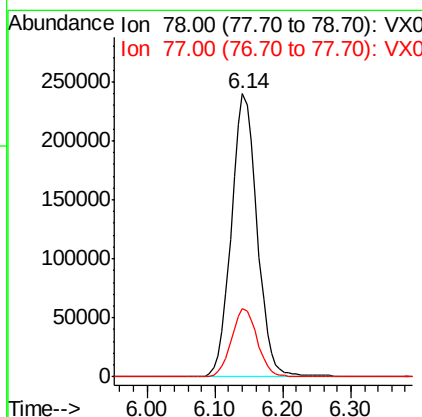
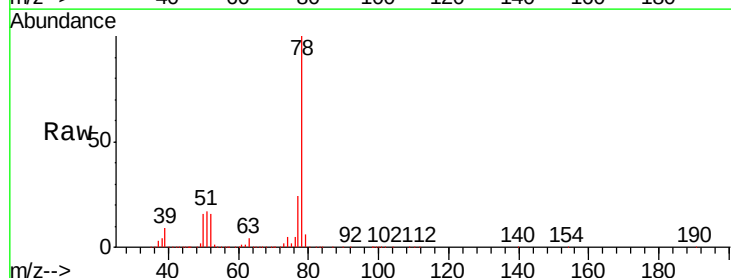
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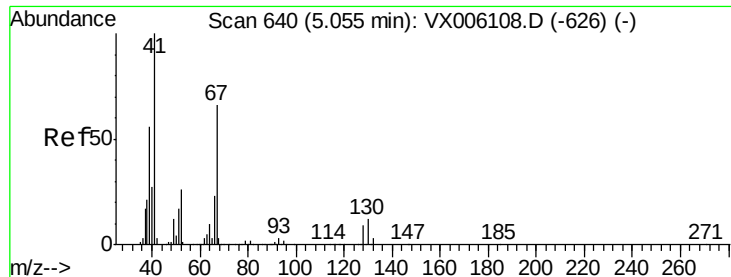
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#40
Benzene
Concen: 50.14 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	630692		
77	23.9	18.8	28.2	





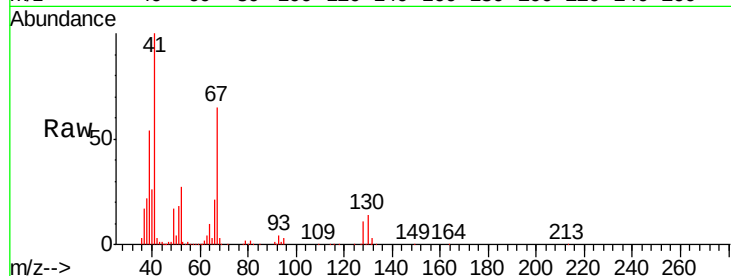
#41
Methacrylonitrile
Concen: 50.98 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

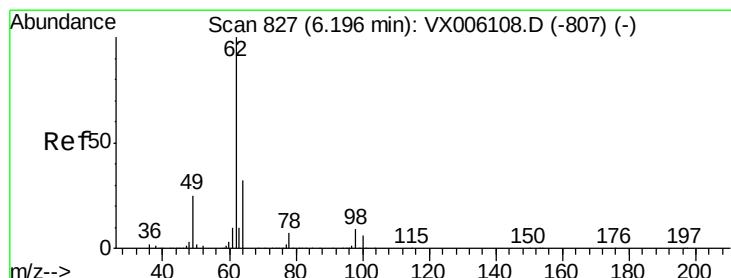
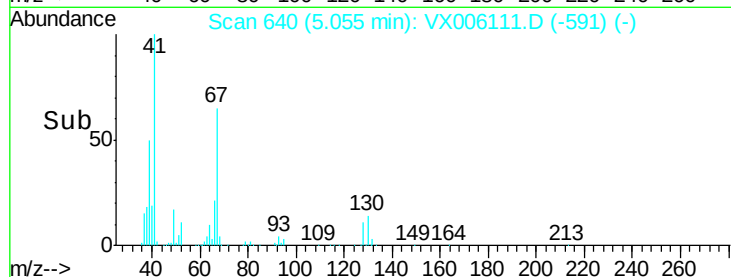
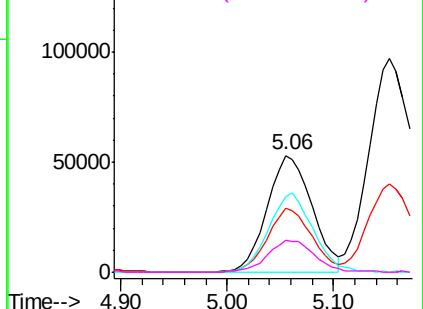
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.1	66.1
67	68.0	54.1	81.1
52	28.2	21.7	32.5

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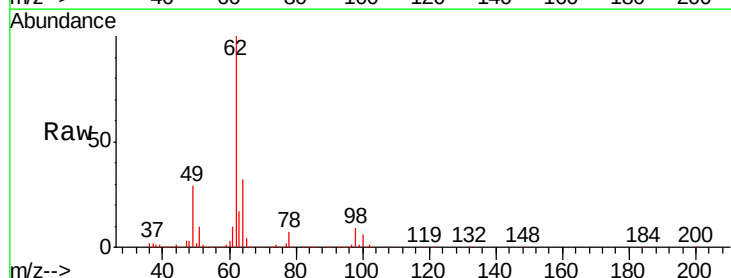


Abundance Ion 41.00 (40.70 to 41.70): VX0
150000 Ion 39.00 (38.70 to 39.70): VX0
100000 Ion 67.00 (66.70 to 67.70): VX0
50000 Ion 52.00 (51.70 to 52.70): VX0

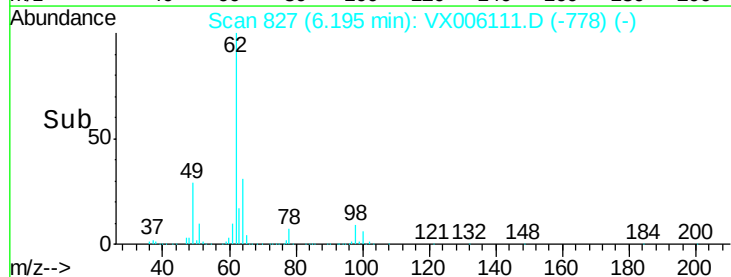
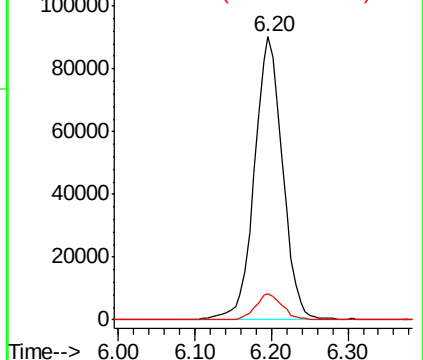


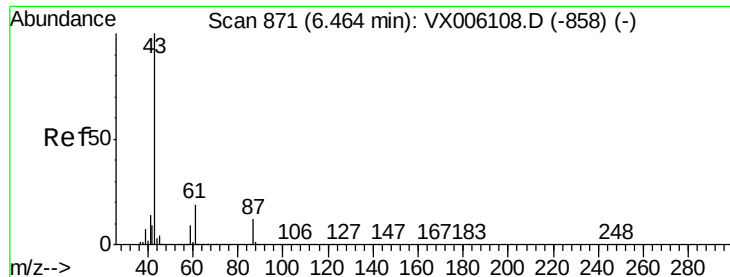
#42
1,2-Dichloroethane
Concen: 49.22 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
100000 Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.72 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

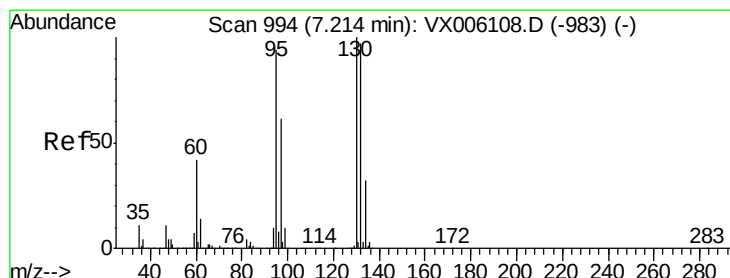
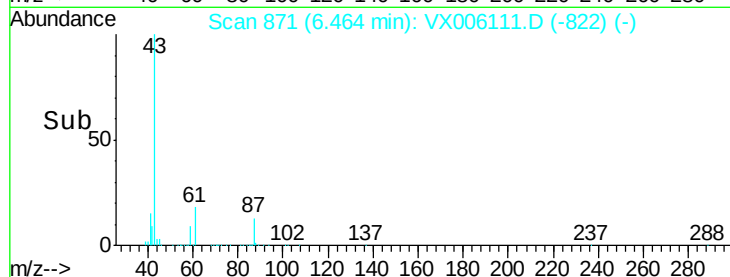
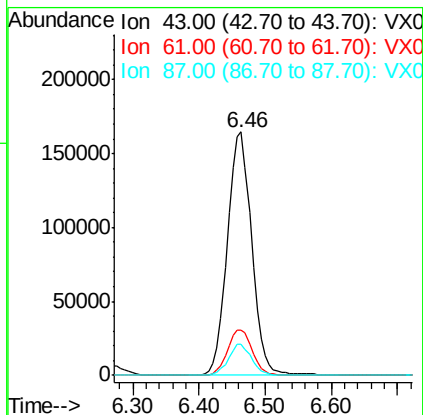
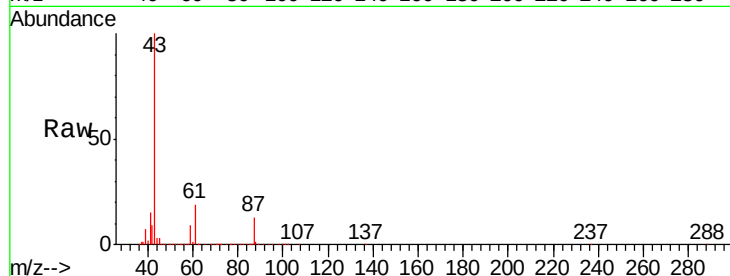
ClientSampleId :

ICVVX112018

Tgt Ion:	43	Resp:	418238
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.4	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.54 ug/l

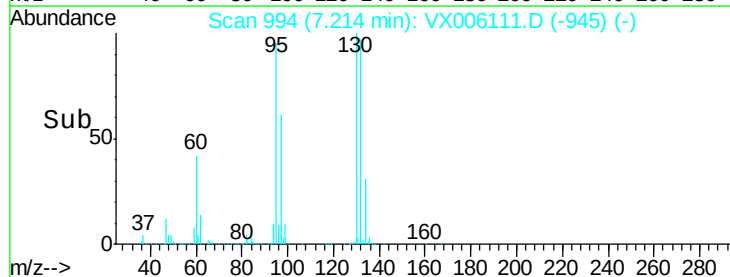
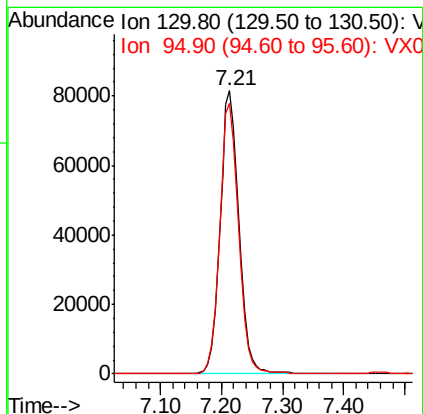
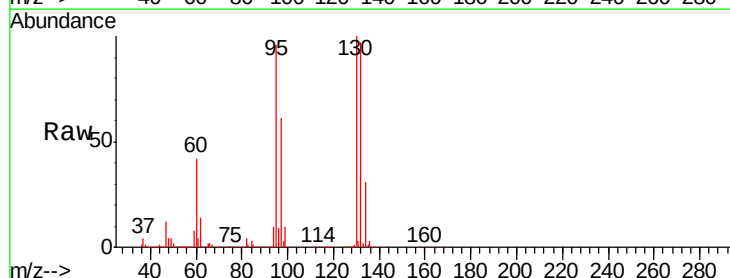
RT: 7.21 min Scan# 994

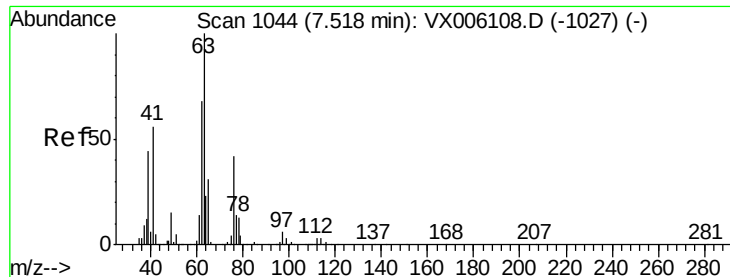
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	130	Resp:	176701
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	188.8





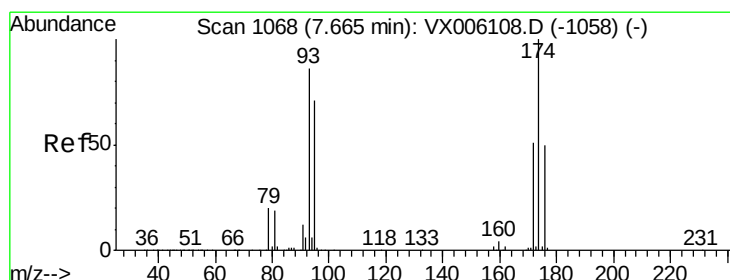
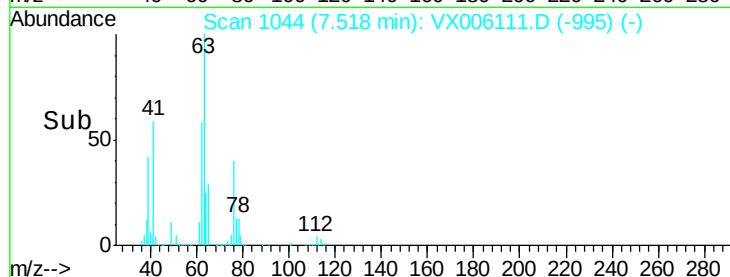
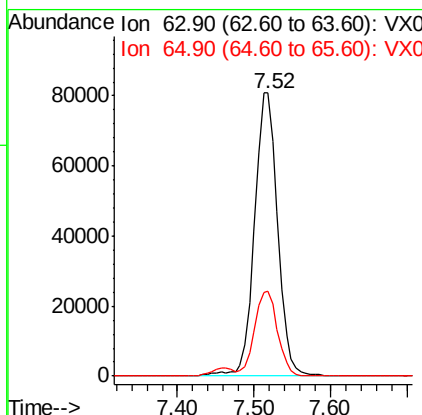
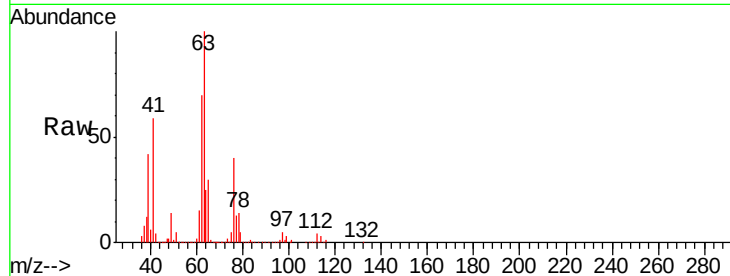
#45
 1,2-Dichloropropane
 Concen: 51.51 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion: 63 Resp: 171467
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2

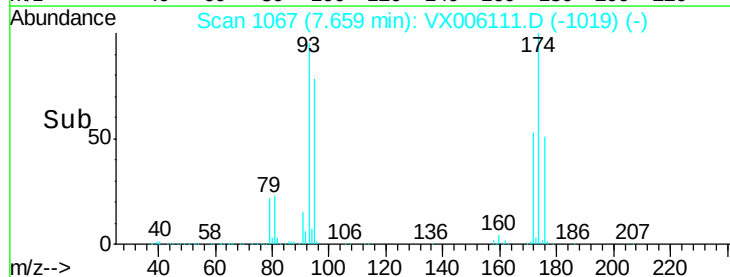
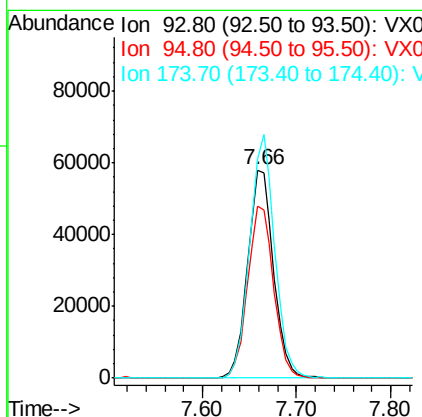
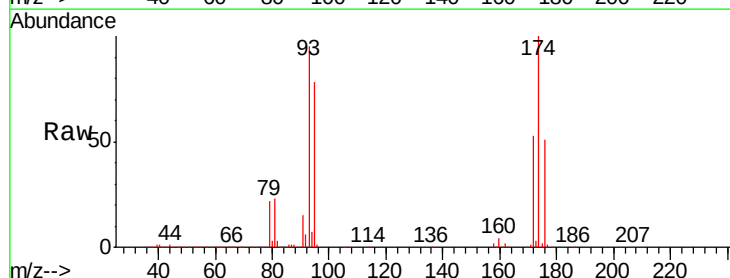
Manual Integrations
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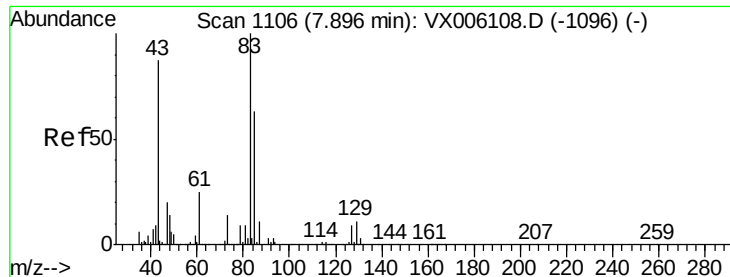
MMDadoda
 11/21/2018 10:37:33 AM



#46
 Dibromomethane
 Concen: 49.18 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 93 Resp: 112130
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.3 99.5
 174 113.3 91.0 136.6





#47

Bromodichloromethane

Concen: 50.97 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

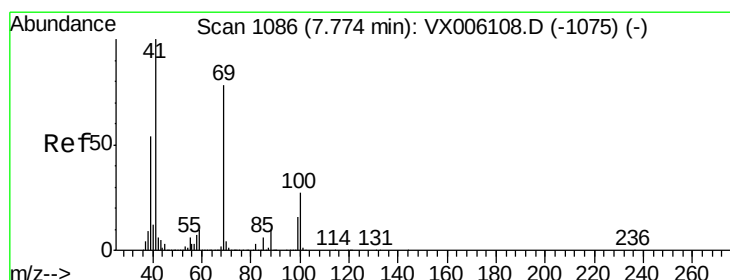
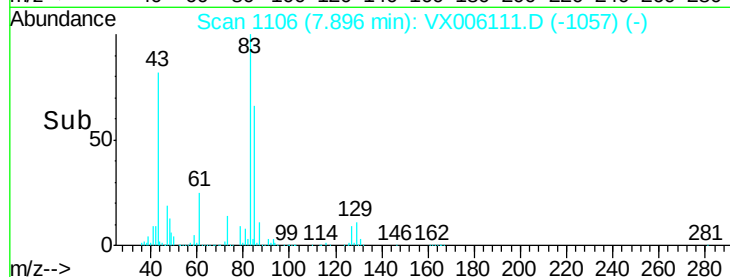
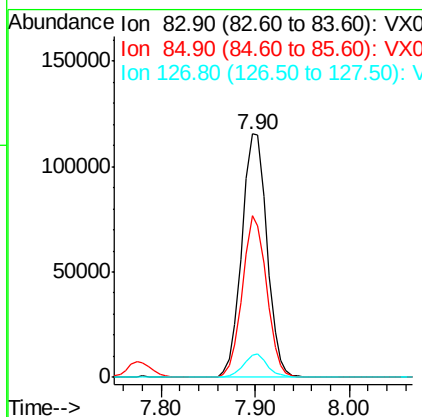
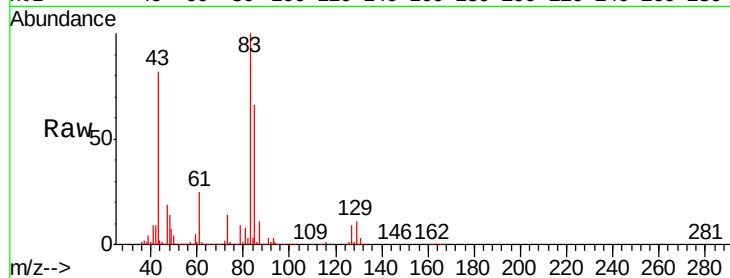
ClientSampleId :

ICVVX112018

Tgt Ion:	83	Resp:	214907
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6
127	9.2	7.0	10.4

Manual Integrations
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11/21/2018 10:37:33 AM



#48

Methyl methacrylate

Concen: 55.20 ug/l

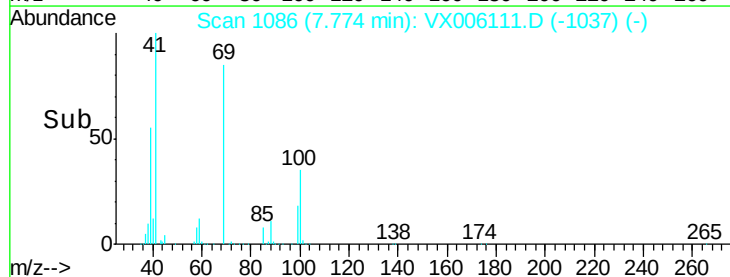
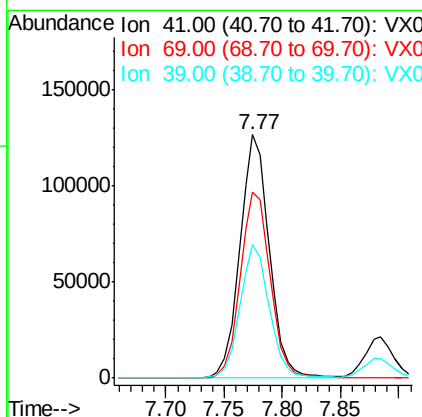
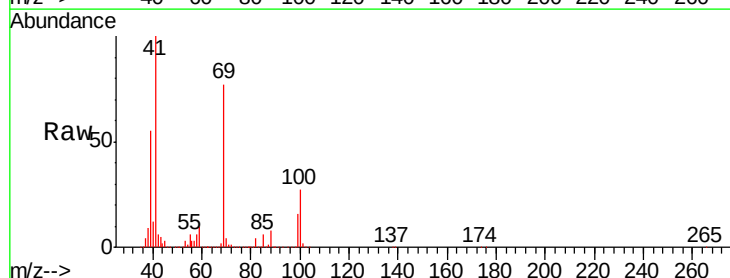
RT: 7.77 min Scan# 1086

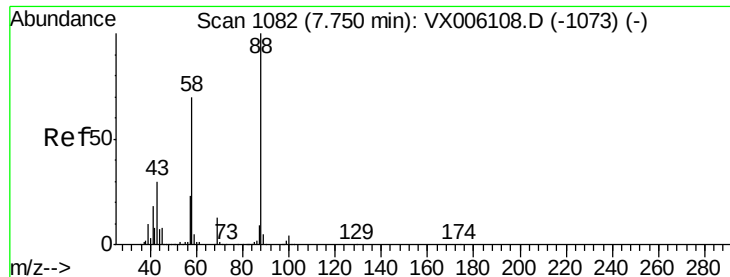
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	41	Resp:	222086
Ion	Ratio	Lower	Upper
41	100		
69	78.8	62.8	94.2
39	54.8	43.8	65.6





#49

1,4-Dioxane

Concen: 1017.74 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

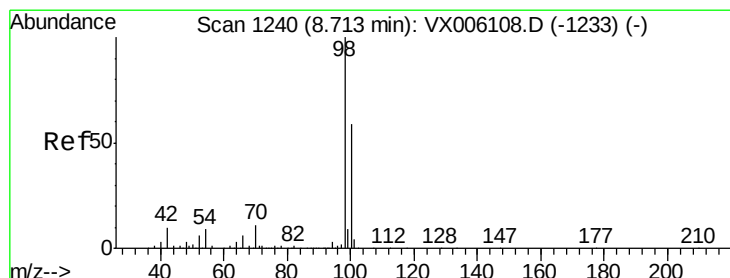
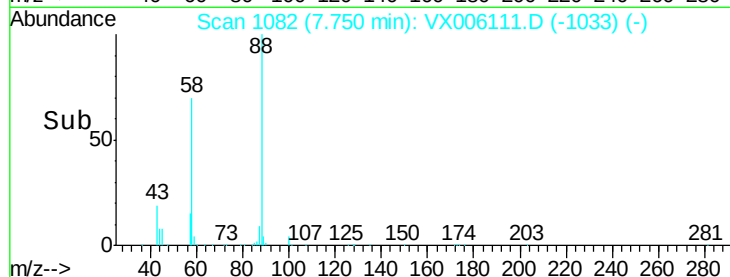
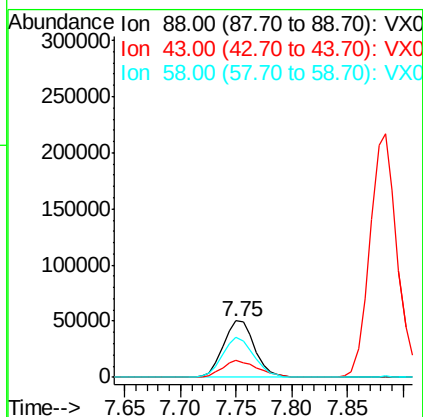
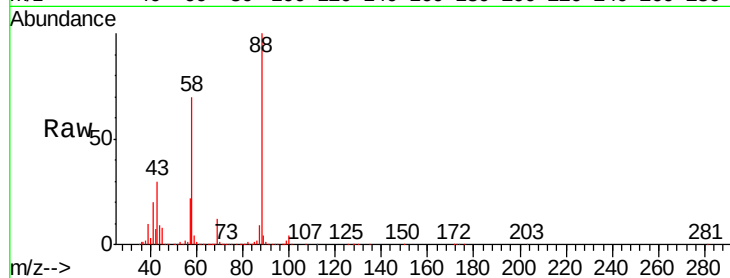
ClientSampleId :

ICVVX112018

Tgt Ion:	88	Resp:	97147
Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.7	40.1
58	72.6	58.5	87.7

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#50

Toluene-d8

Concen: 52.17 ug/l

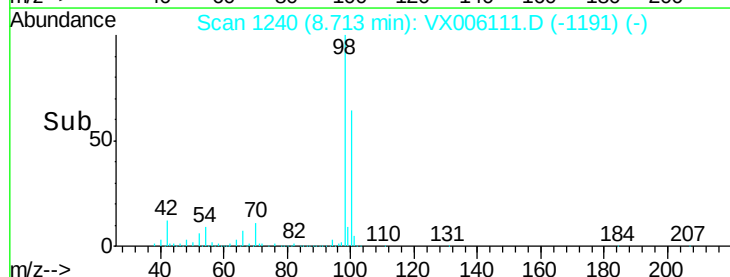
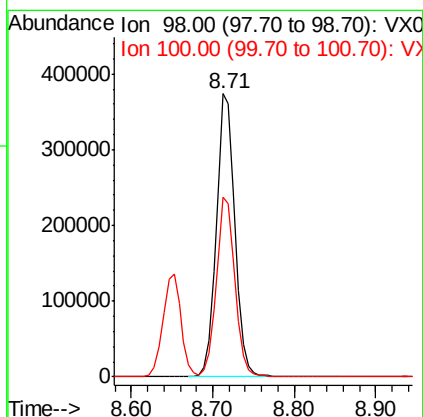
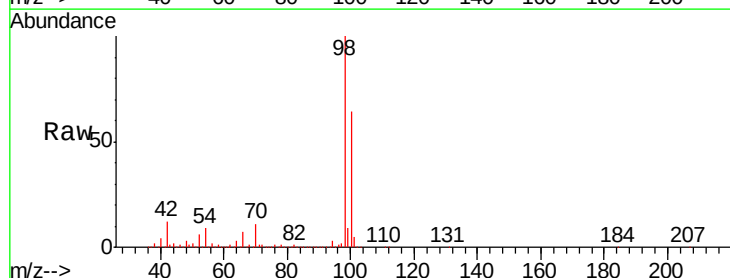
RT: 8.71 min Scan# 1240

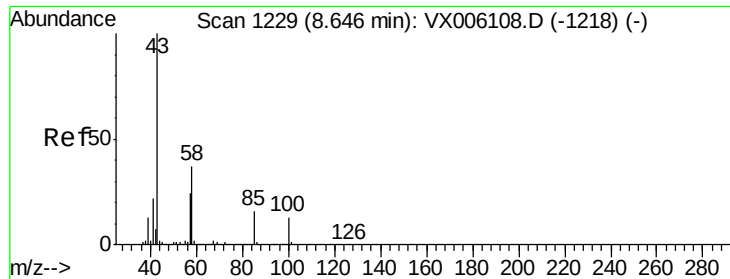
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	98	Resp:	599508
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 264.01 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 43 Resp: 1501495

Ion Ratio Lower Upper

43 100

58 37.8

29.9

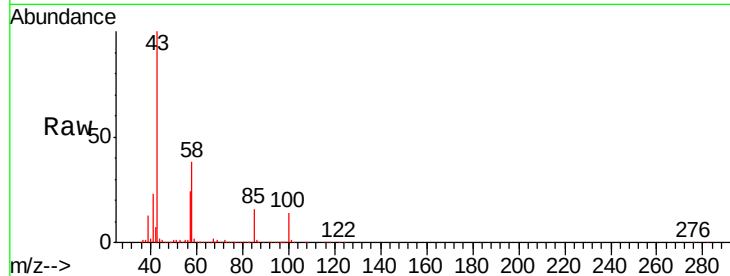
44.9

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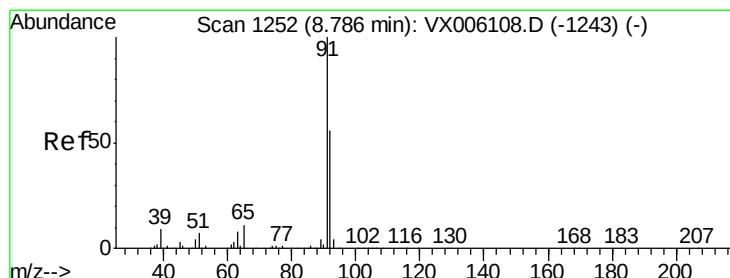
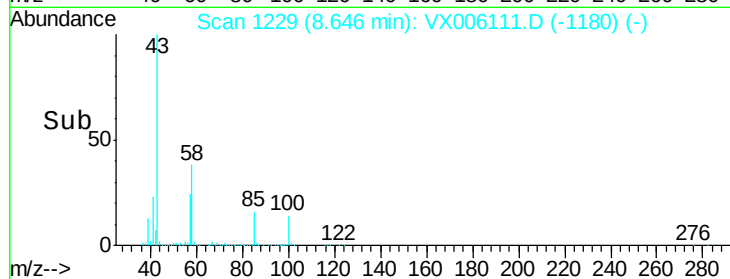
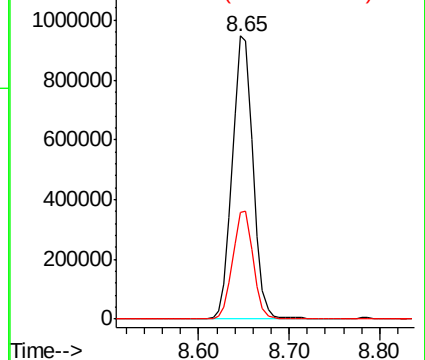
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.03 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion: 92 Resp: 404819

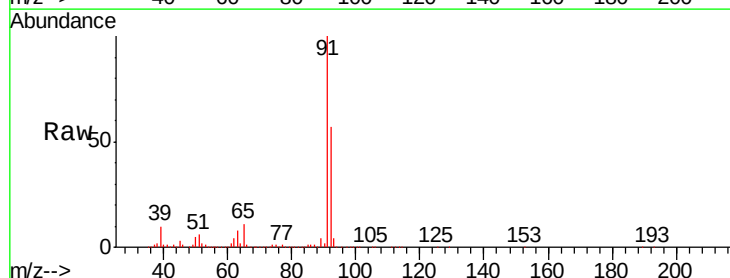
Ion Ratio Lower Upper

92 100

91 175.1

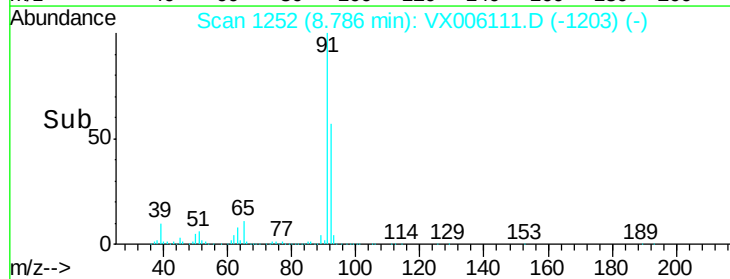
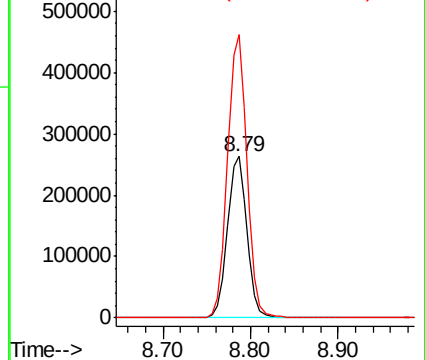
142.5

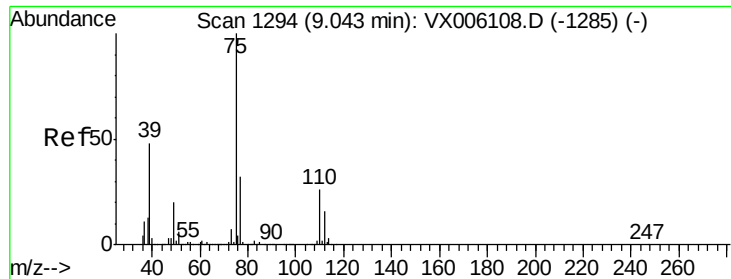
213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





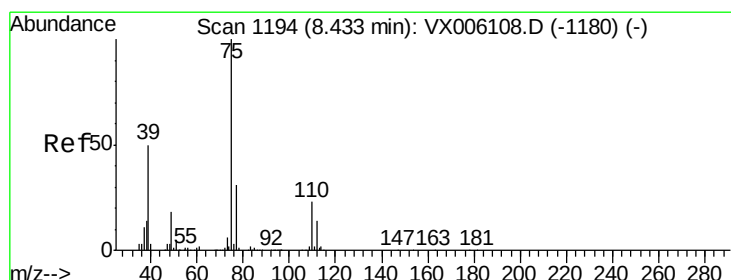
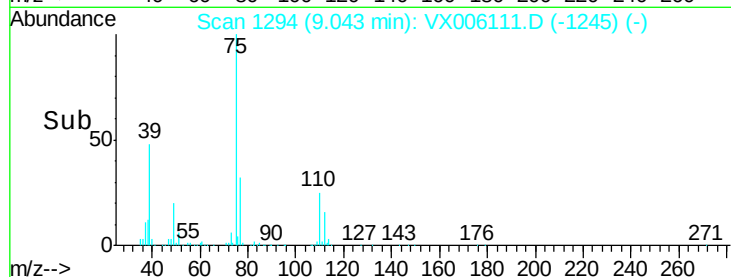
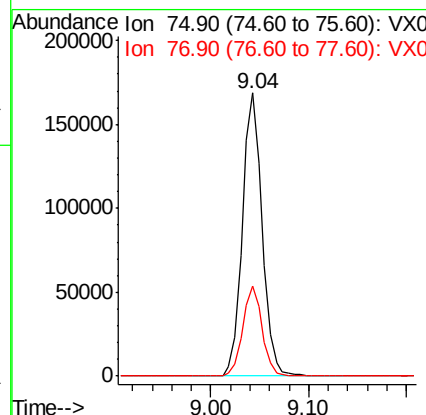
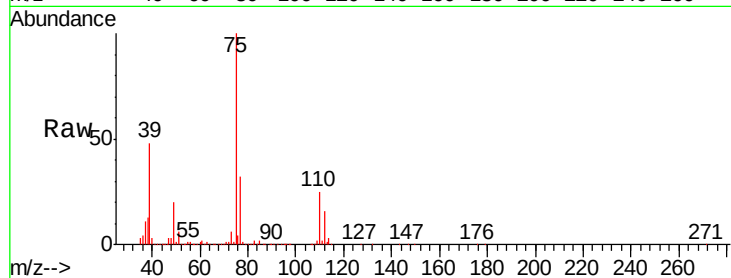
#53
t-1,3-Dichloropropene
Concen: 53.46 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5

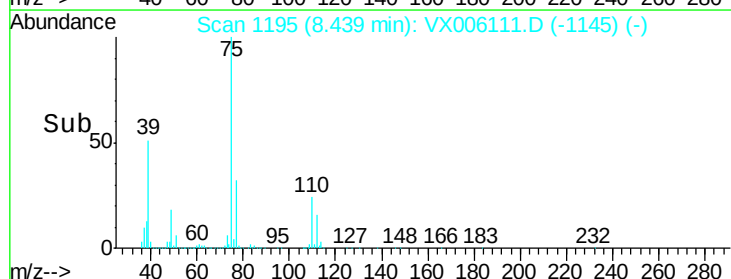
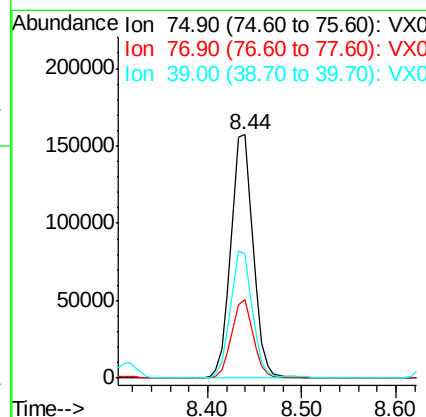
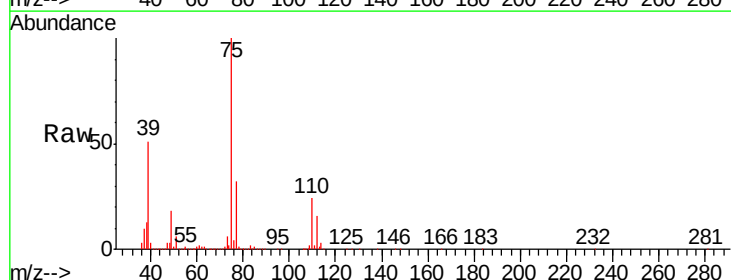
Manual Integrations
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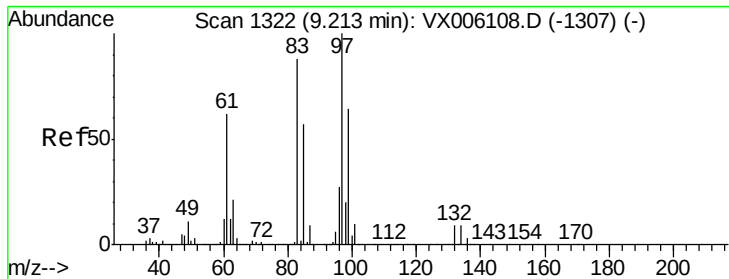
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.31 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	51.0	40.3	60.5





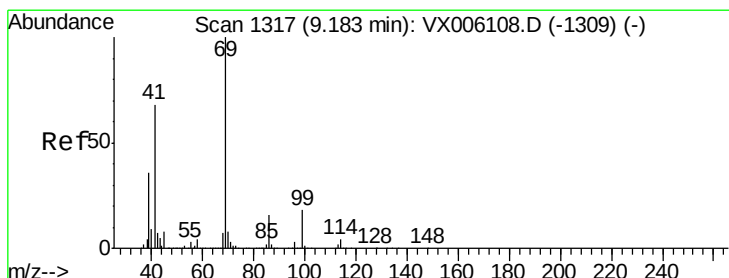
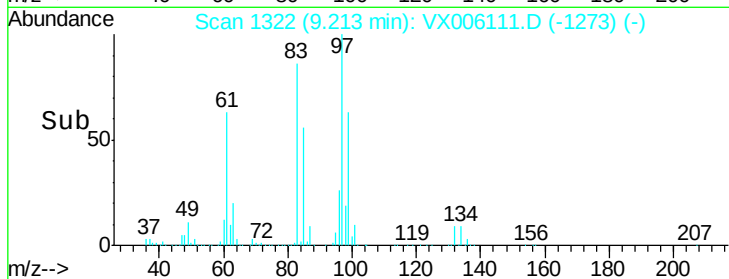
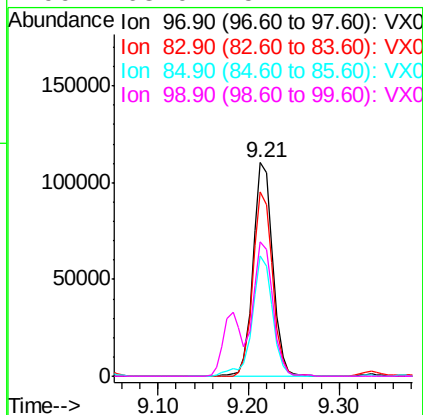
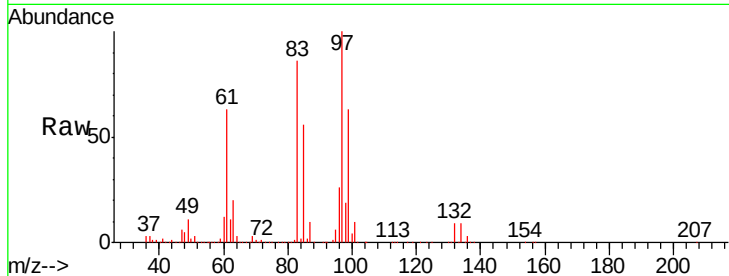
#55
 1,1,2-Trichloroethane
 Concen: 49.15 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.7	106.1
85	56.2	45.7	68.5
99	63.0	51.4	77.2

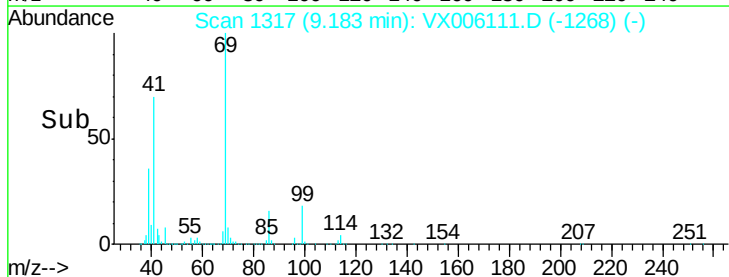
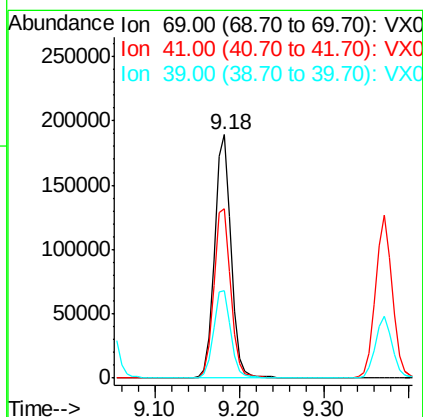
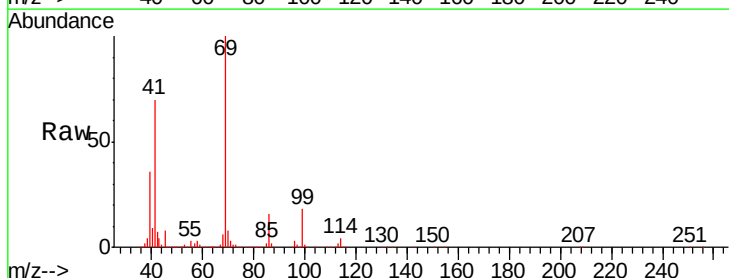
Manual Integrations
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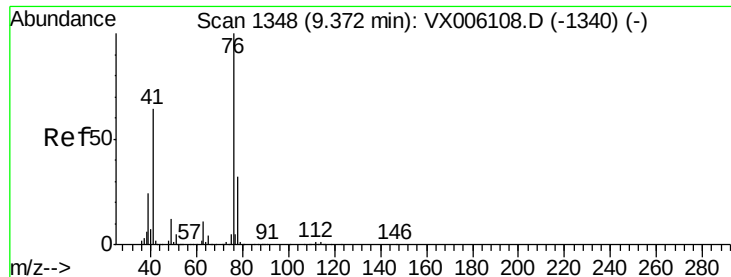
MMDadoda
 11/21/2018 10:37:33 AM



#56
 Ethyl methacrylate
 Concen: 49.00 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.2	84.4
39	37.3	29.4	44.0





#57

1,3-Dichloropropane

Concen: 50.40 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 76 Resp: 279936

Ion Ratio Lower Upper

76 100

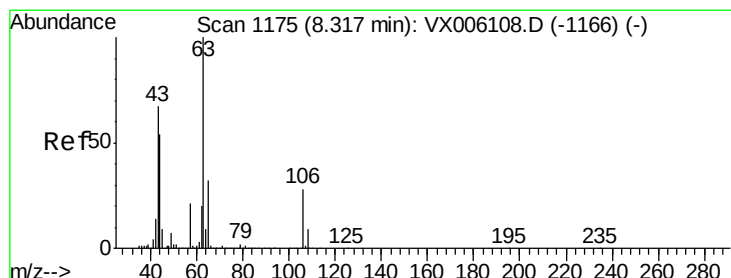
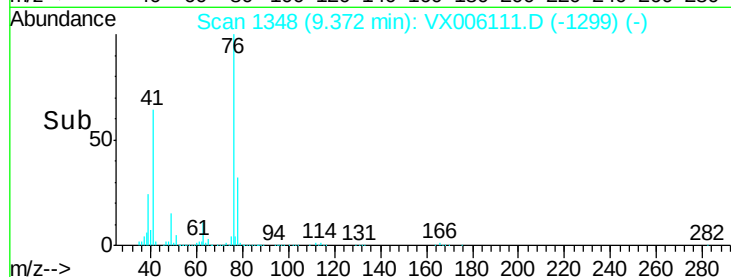
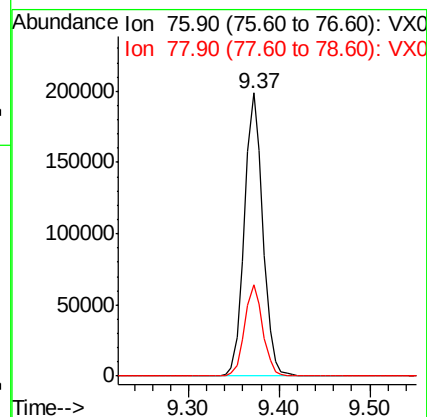
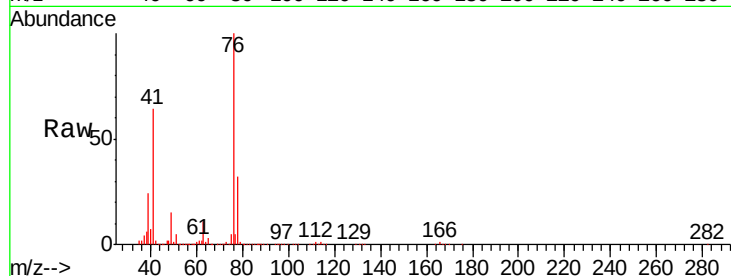
78 32.0 25.7 38.5

Manual Integrations

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MMDadoda

11/21/2018 10:37:33 AM



#58

2-Chloroethyl Vinyl ether

Concen: 250.04 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006111.D

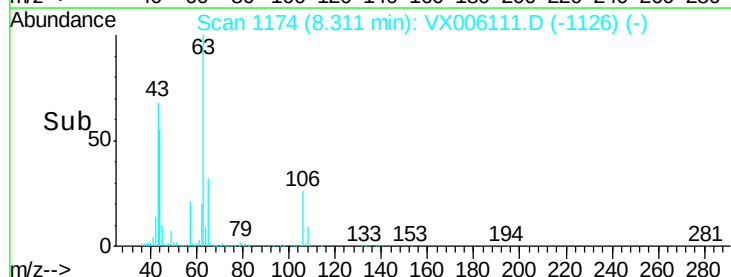
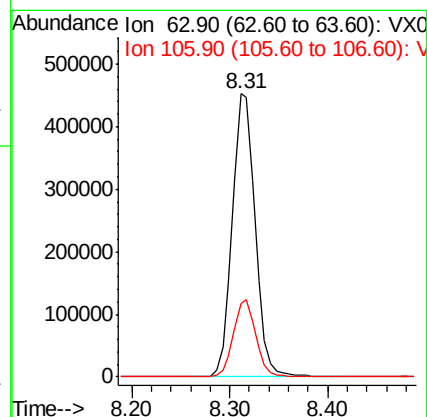
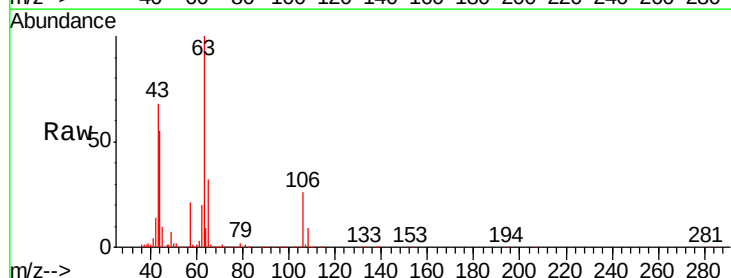
Acq: 20 Nov 2018 20:22

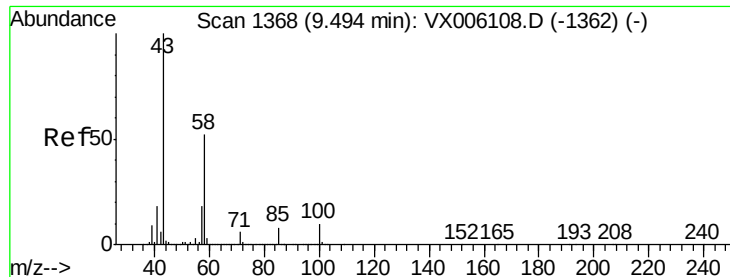
Tgt Ion: 63 Resp: 732271

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5





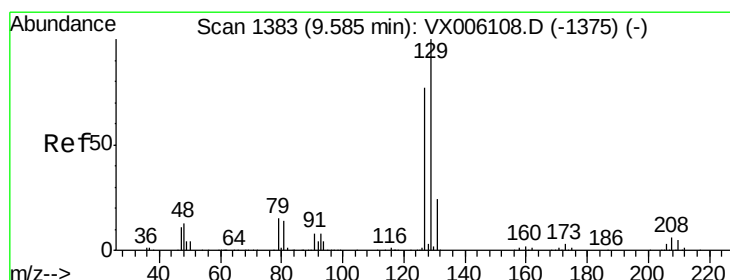
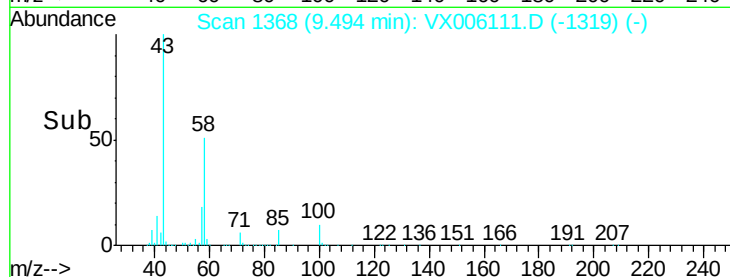
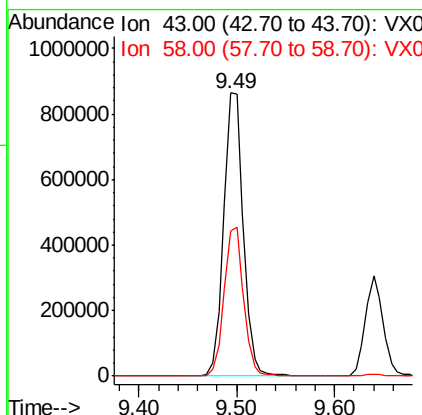
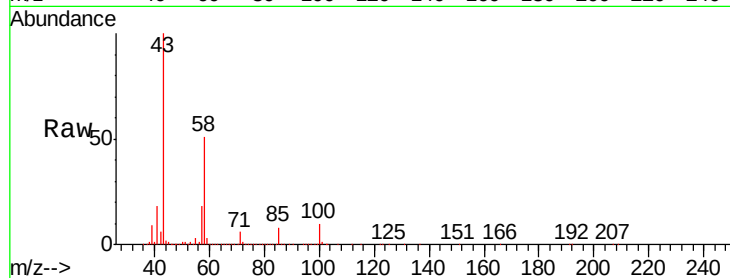
#59
2-Hexanone
Concen: 267.21 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion: 43 Resp: 1206050
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9

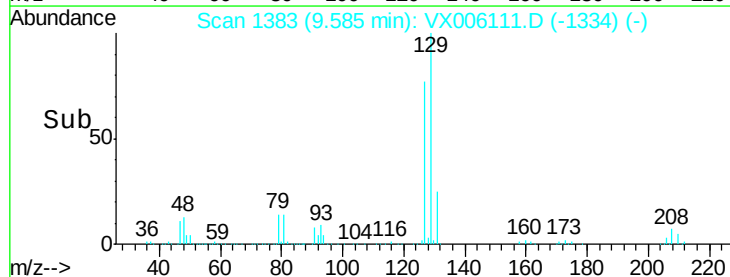
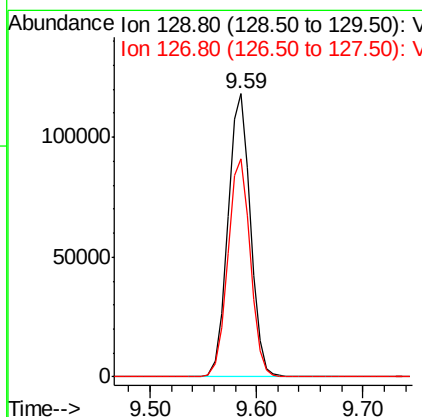
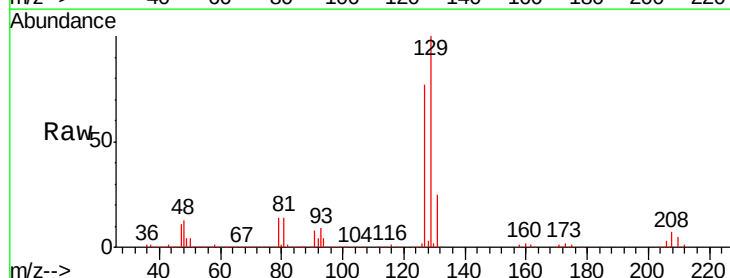
Manual Integrations
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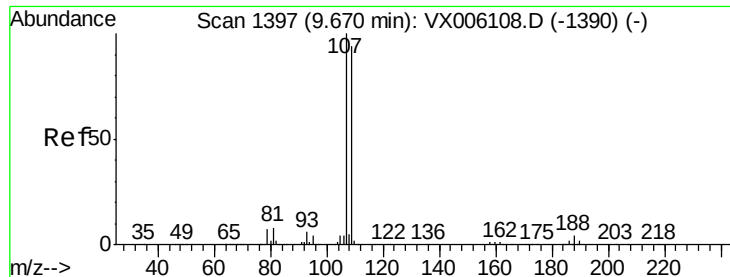
MMDadoda
11/21/2018 10:37:33 AM



#60
Dibromochloromethane
Concen: 52.91 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 129 Resp: 174802
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5





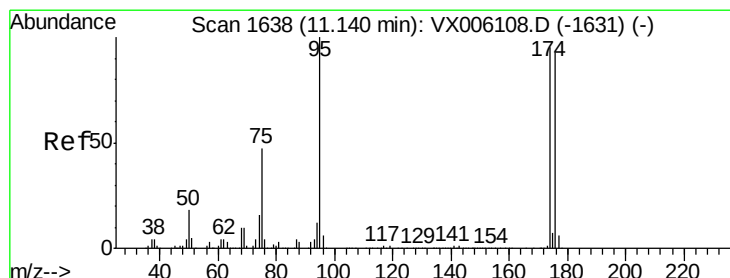
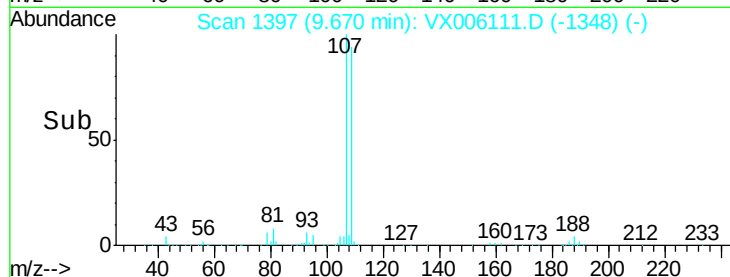
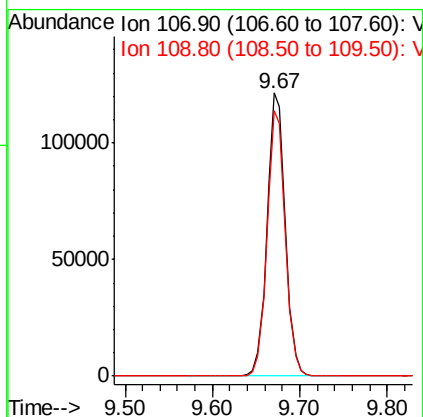
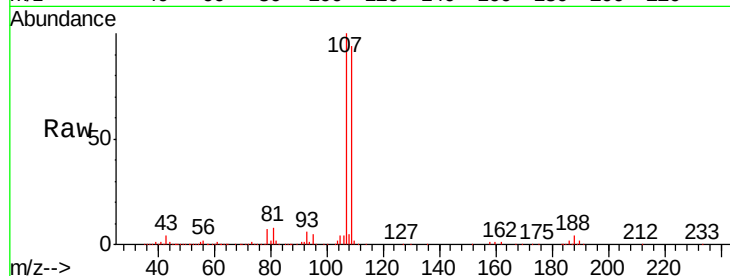
#61
 1,2-Dibromoethane
 Concen: 51.27 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion: 107 Resp: 177978
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.7 113.5

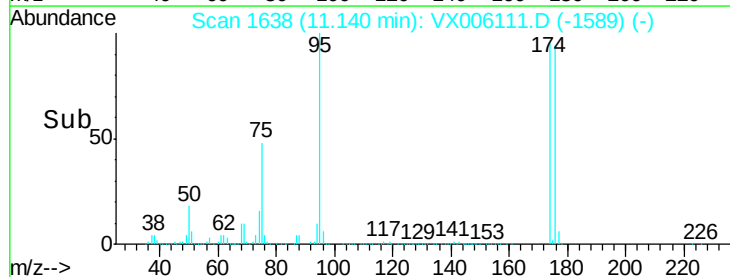
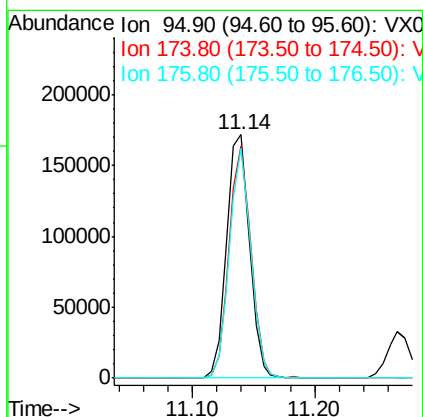
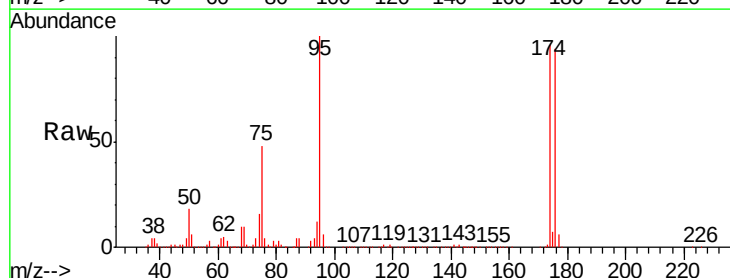
Manual Integrations
 APPROVED

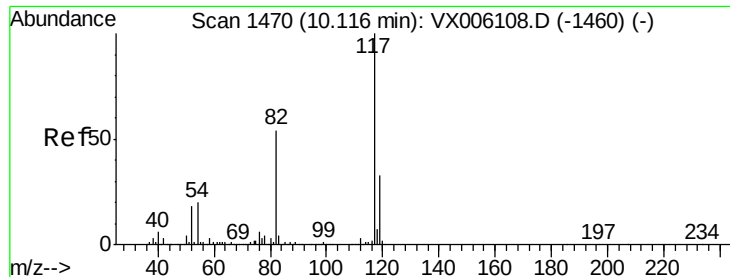
MMDadoda
 11/21/2018 10:37:33 AM



#62
 4-Bromofluorobenzene
 Concen: 51.76 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 95 Resp: 223152
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 184.4
 176 88.1 0.0 179.0





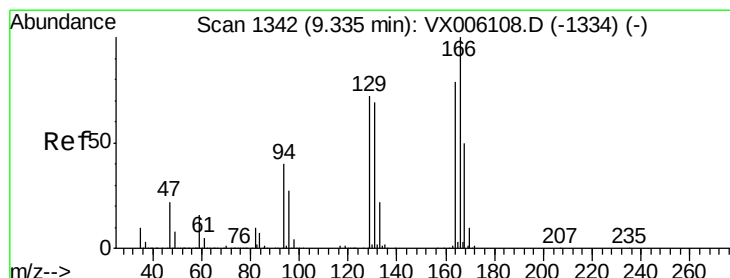
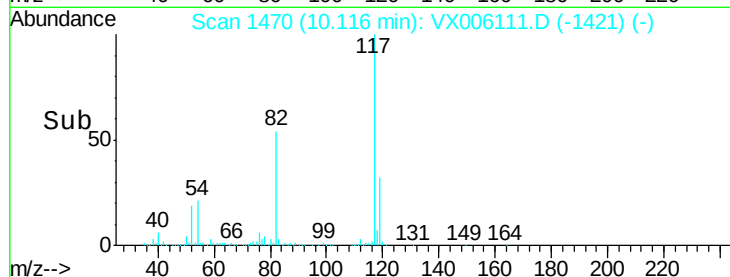
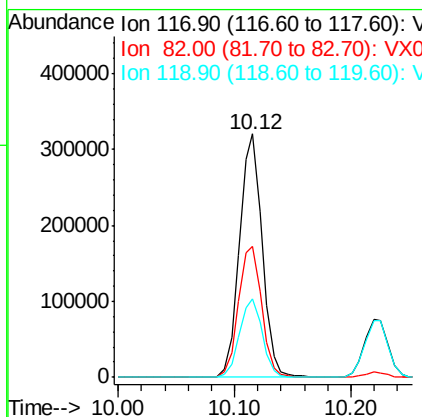
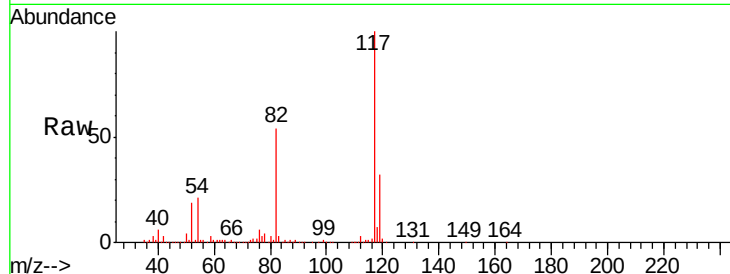
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	436193		
82	53.8	43.0	64.4	
119	32.3	26.1	39.1	

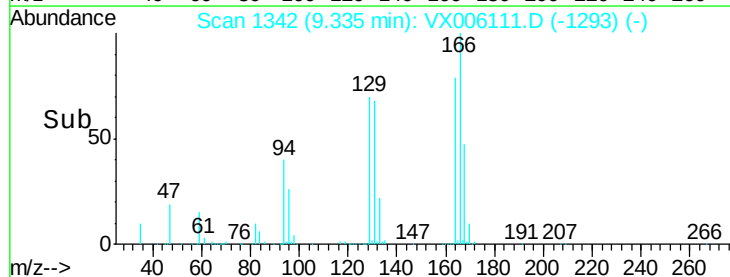
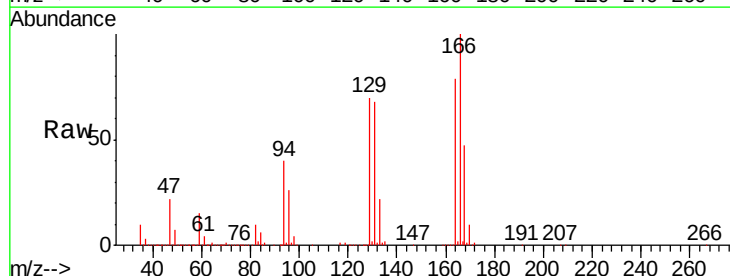
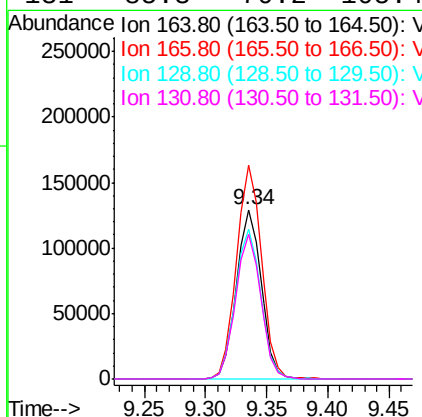
Manual Integrations
APPROVED

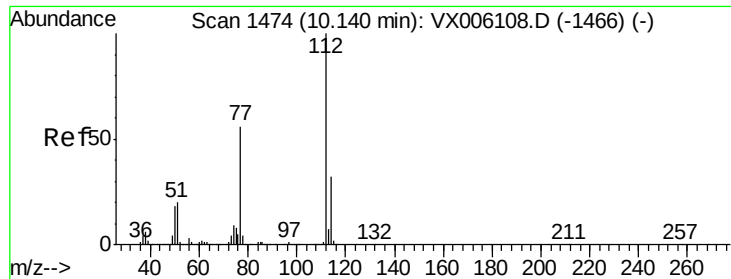
MMDadoda
11/21/2018 10:37:33 AM



#64
Tetrachloroethene
Concen: 50.70 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181984		
166	126.1	101.5	152.3	
129	88.5	73.4	110.0	
131	85.3	70.2	105.4	





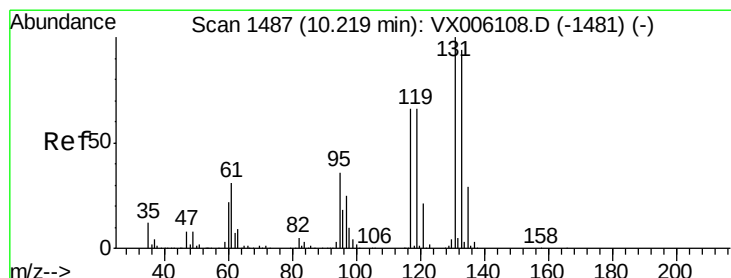
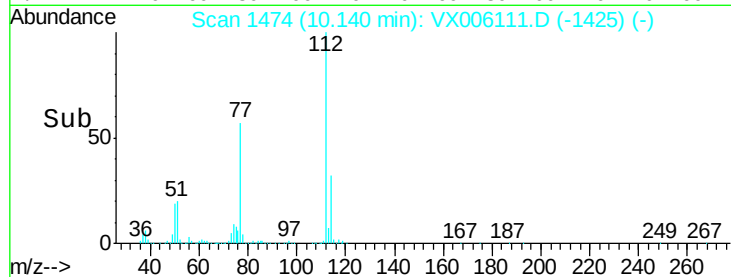
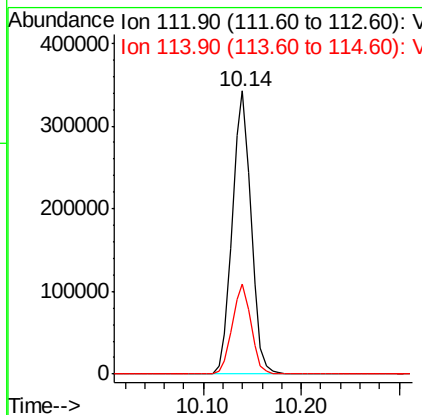
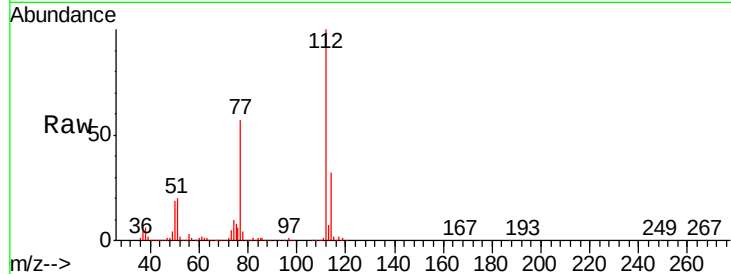
#65
Chlorobenzene
Concen: 51.09 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	457123		
114	32.0	25.6	38.4	

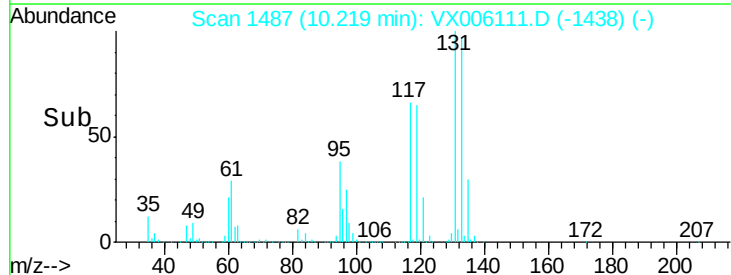
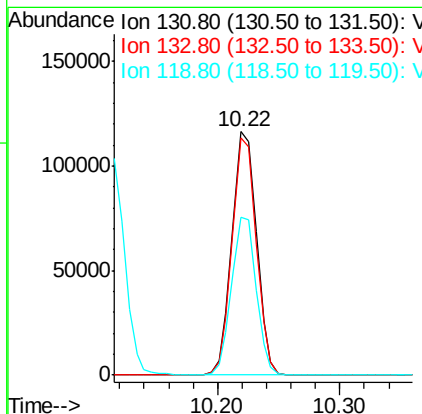
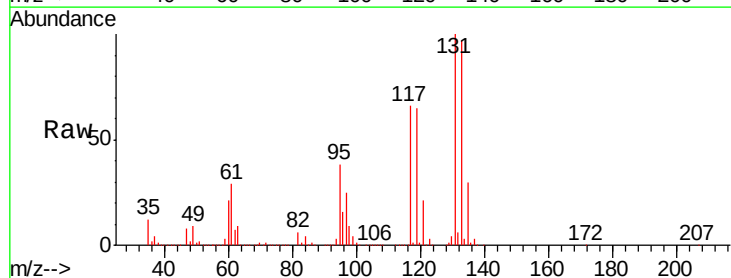
Manual Integrations
APPROVED

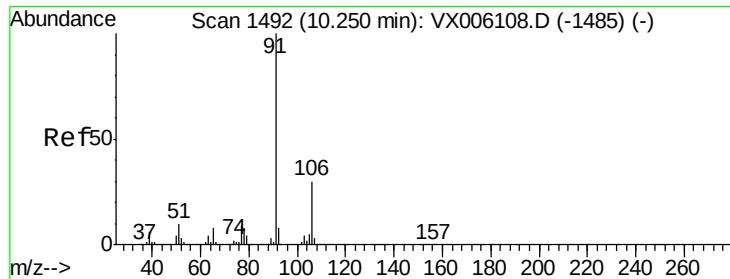
MMDadoda
11/21/2018 10:37:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.71 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	161924		
133	95.9	48.0	144.2	
119	64.9	32.6	97.8	





#67

Ethyl Benzene

Concen: 54.09 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 91 Resp: 792434

Ion Ratio Lower Upper

91 100

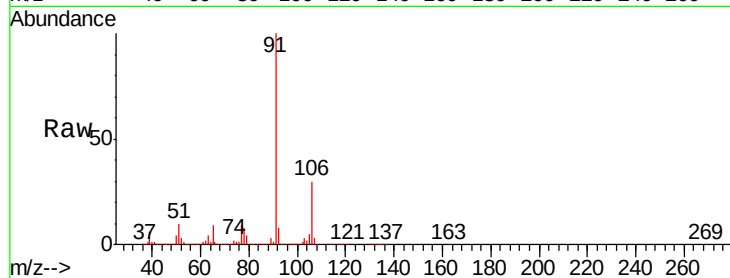
106 30.3 24.4 36.6

Manual Integrations

APPROVED

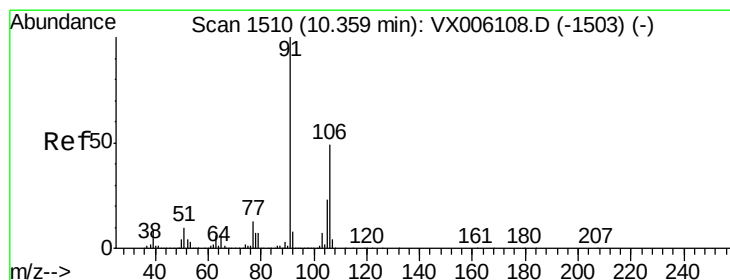
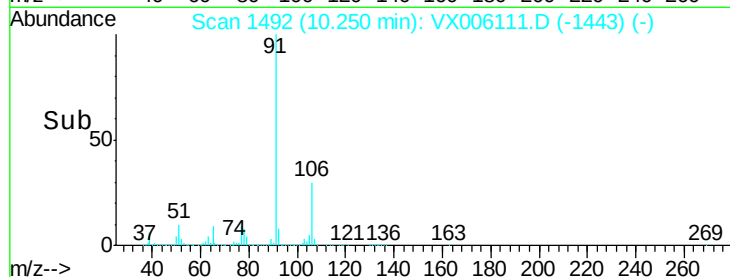
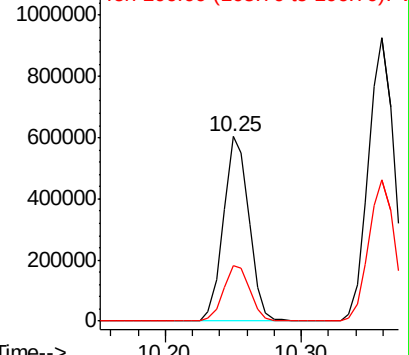
MMDadoda

11/21/2018 10:37:33 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.31 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006111.D

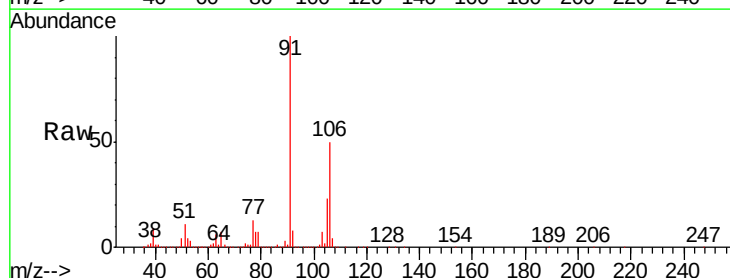
Acq: 20 Nov 2018 20:22

Tgt Ion: 106 Resp: 617861

Ion Ratio Lower Upper

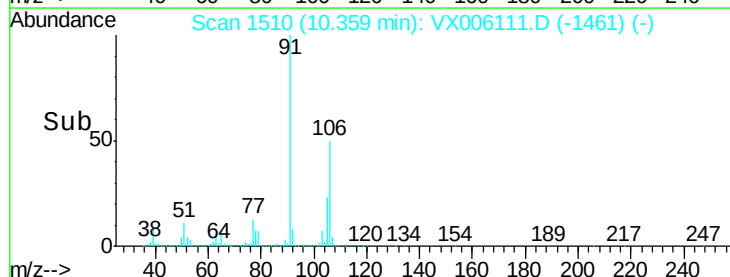
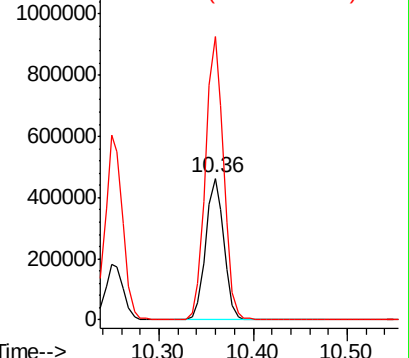
106 100

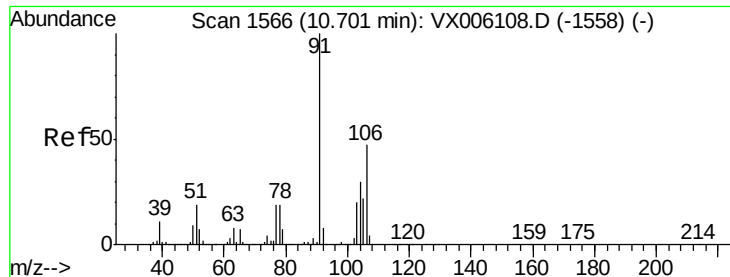
91 200.0 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





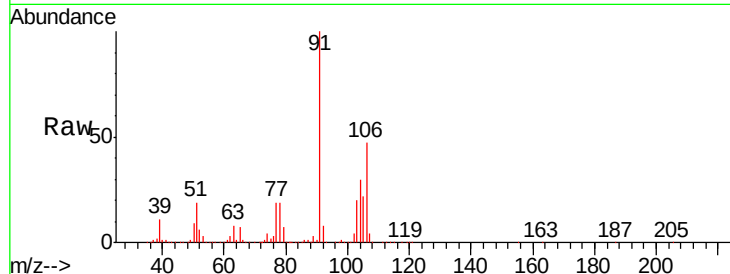
#69
o-Xylene
Concen: 54.12 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

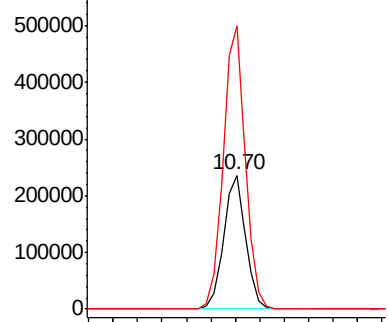
Tgt Ion:106 Resp: 294907
Ion Ratio Lower Upper
106 100
91 213.3 107.4 322.2

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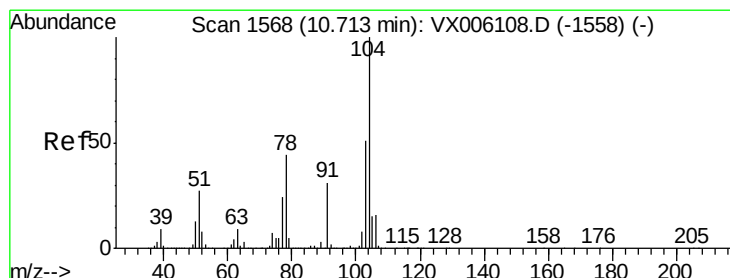
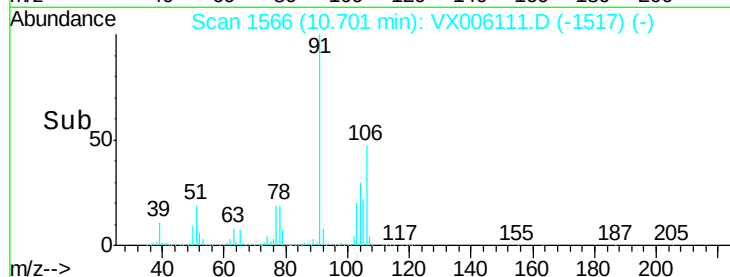
MMDadoda
11/21/2018 10:37:33 AM



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

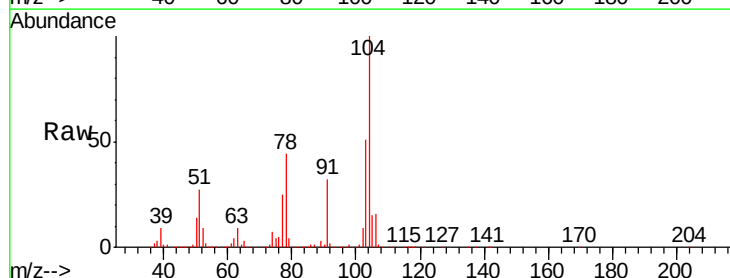


Time-->

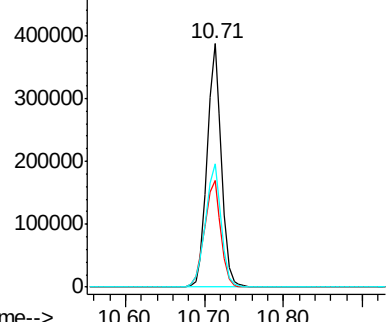


#70
Styrene
Concen: 55.15 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

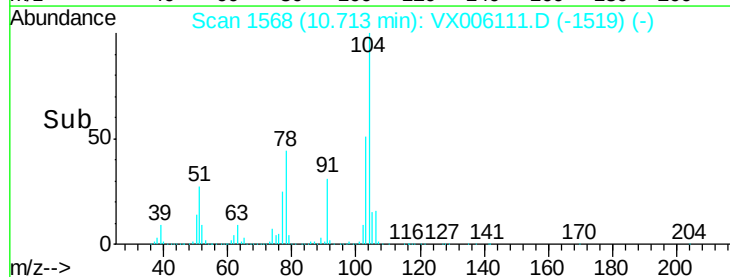
Tgt Ion:104 Resp: 490011
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 55.9 44.6 67.0

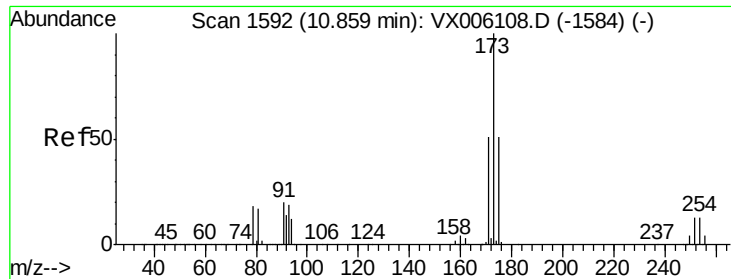


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 52.66 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX112018

Tgt Ion:173 Resp: 144784

Ion Ratio Lower Upper

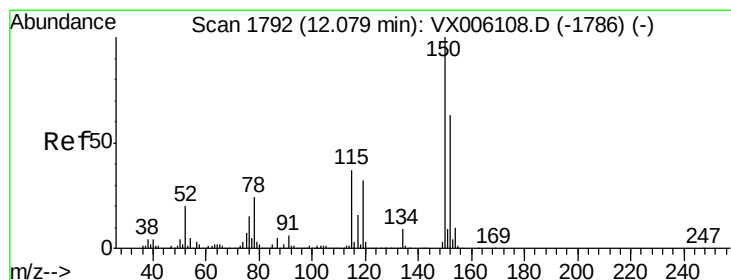
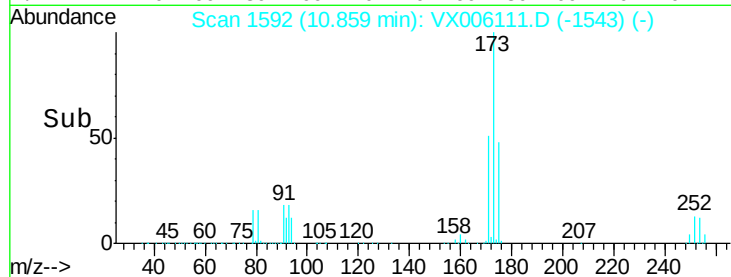
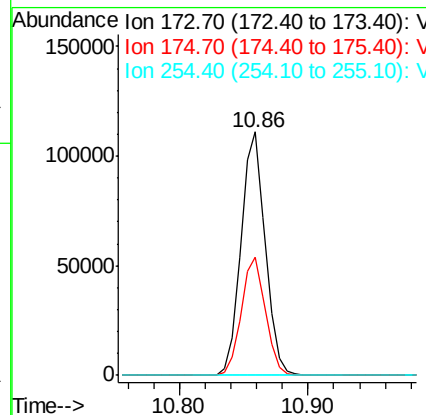
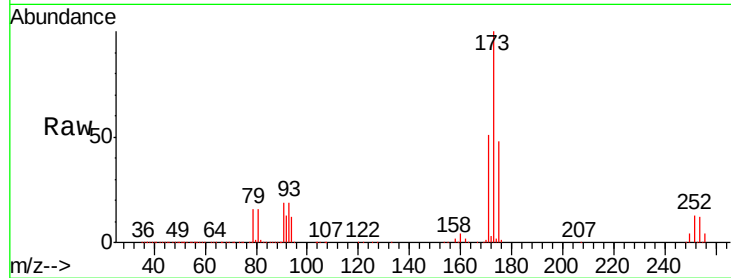
173 100

175 48.4 24.9 74.6

254 0.2 0.2 0.2#

Manual Integrations
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11/21/2018 10:37:33 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

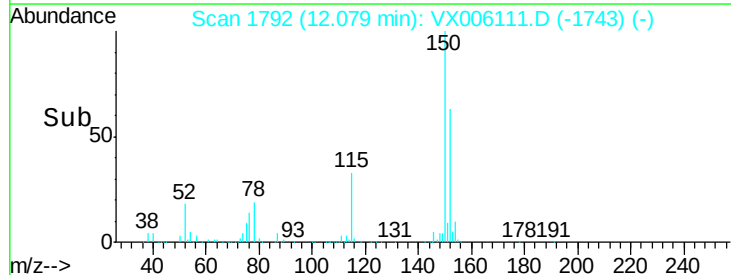
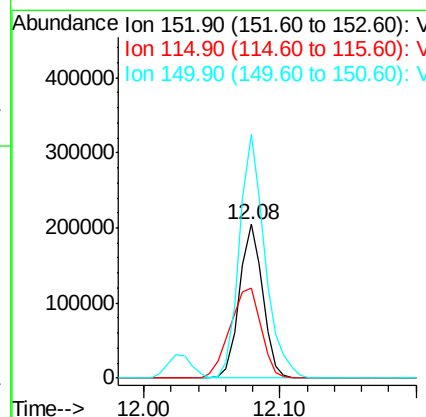
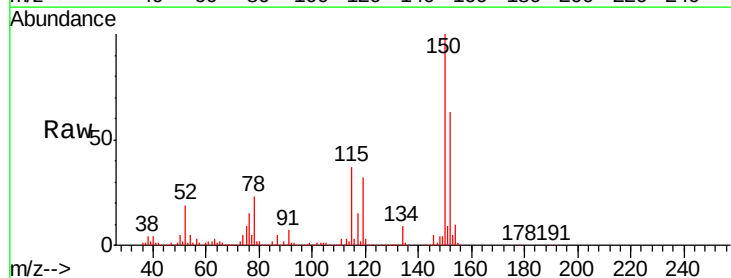
Tgt Ion:152 Resp: 243508

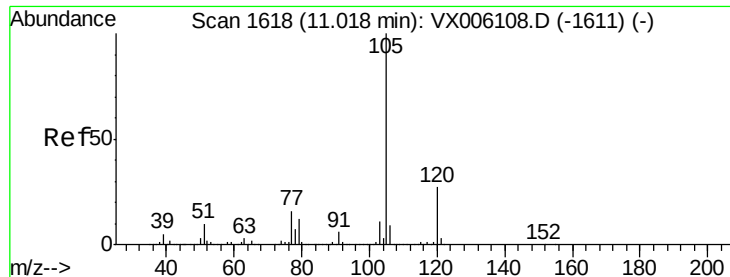
Ion Ratio Lower Upper

152 100

115 77.9 39.0 116.9

150 174.0 0.0 346.6





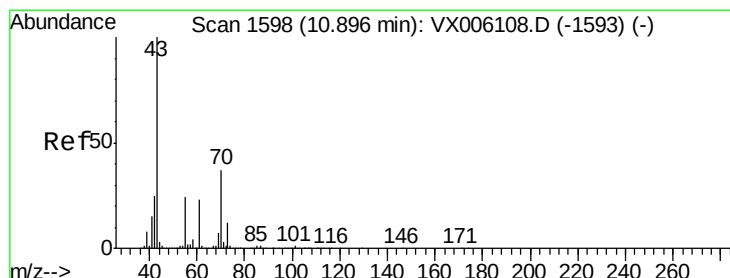
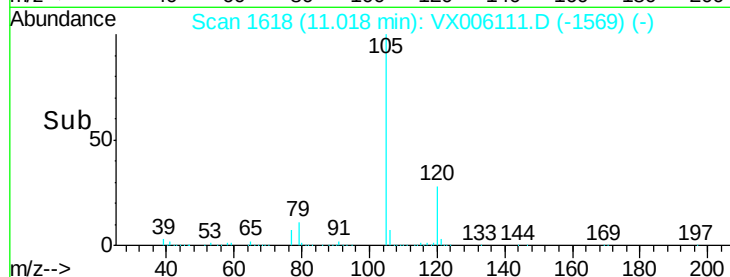
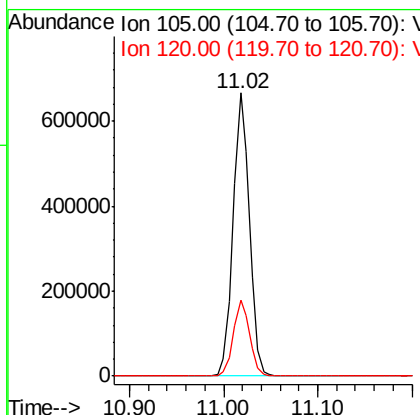
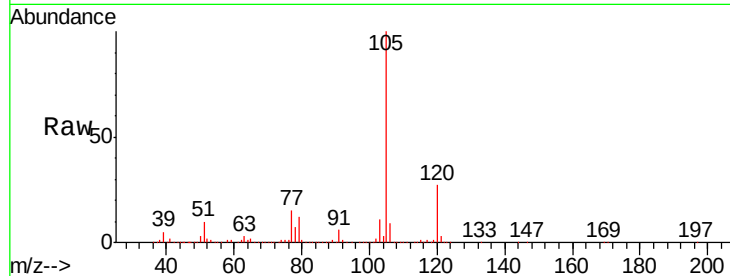
#73
Isopropylbenzene
Concen: 54.25 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		799287		
120	26.7	13.3	39.8		

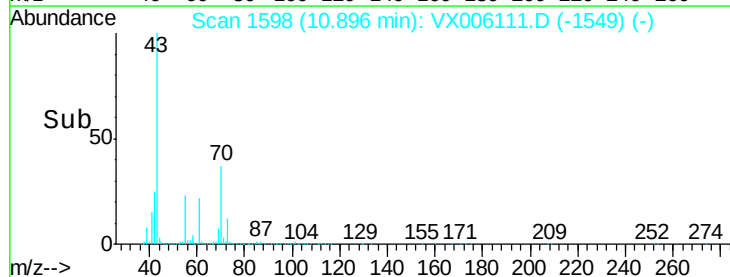
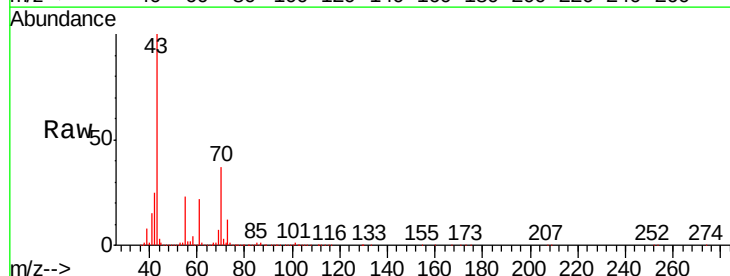
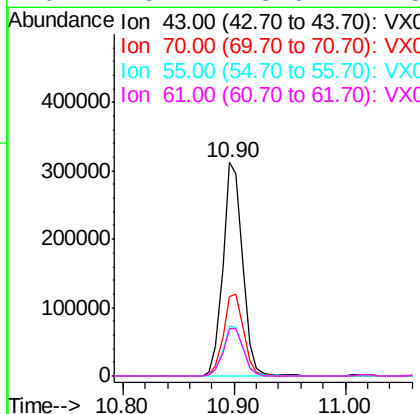
Manual Integrations
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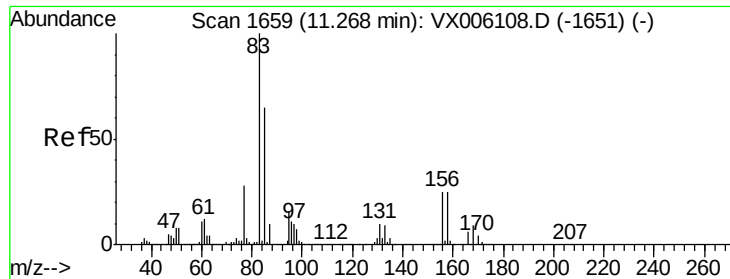
MMDadoda
11/21/2018 10:37:33 AM



#74
N-ethyl acetate
Concen: 50.63 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt	Ion	Ratio	Resp	Lower	Upper
43	100		380482		
70	39.6	31.8	47.6		
55	24.0	19.5	29.3		
61	23.2	18.6	27.8		





#75

1,1,2,2-Tetrachloroethane

Concen: 49.91 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 83 Resp: 277138

Ion Ratio Lower Upper

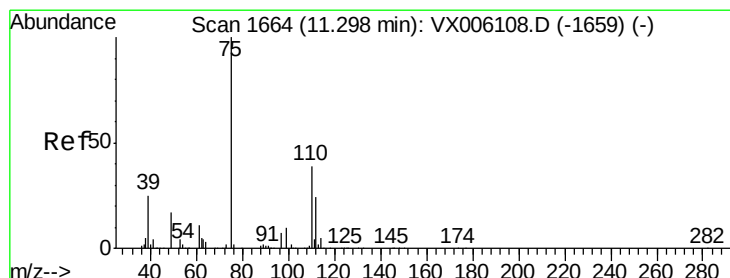
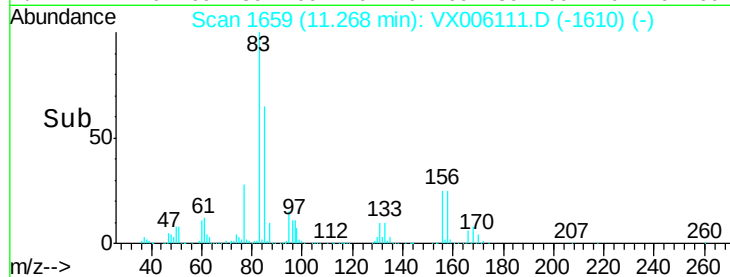
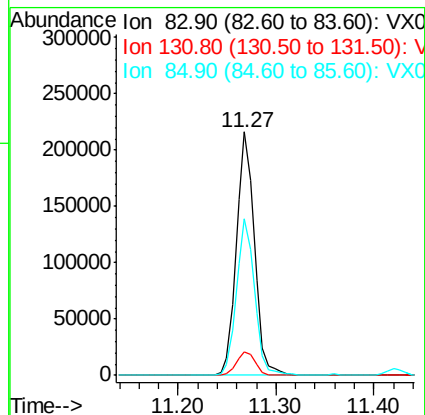
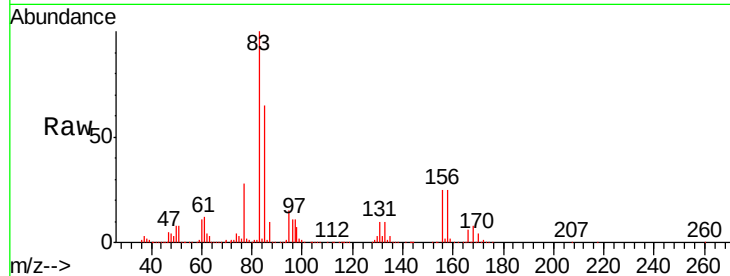
83 100

131 10.1 5.2 15.6

85 64.5 32.6 97.8

Manual Integrations
APPROVED

MMDadoda
11/21/2018 10:37:33 AM



#76

1,2,3-Trichloropropane

Concen: 52.96 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006111.D

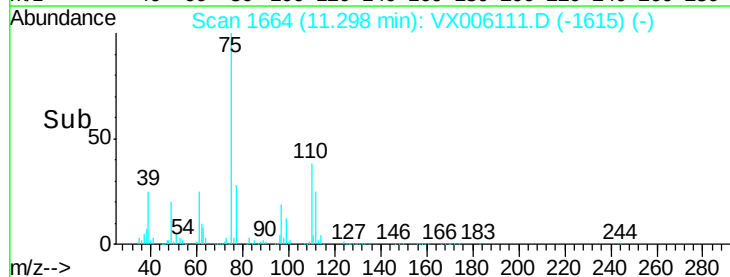
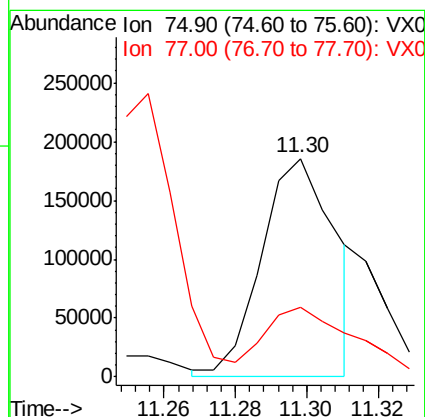
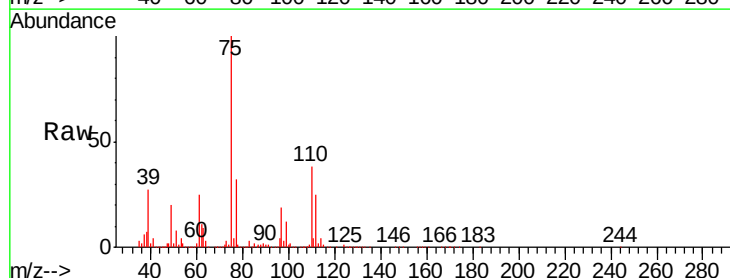
Acq: 20 Nov 2018 20:22

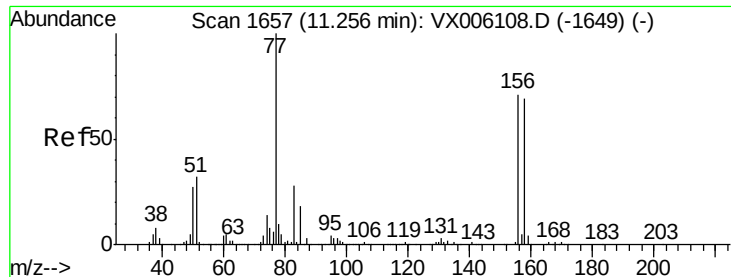
Tgt Ion: 75 Resp: 265482

Ion Ratio Lower Upper

75 100

77 39.1 19.6 58.7





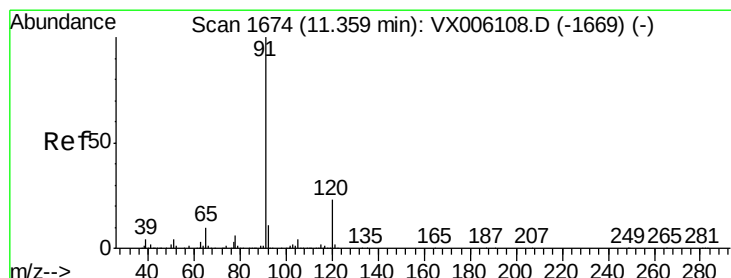
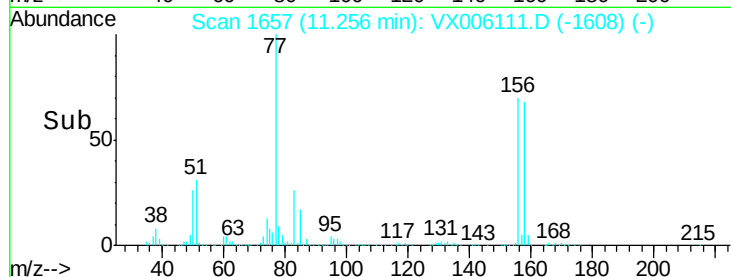
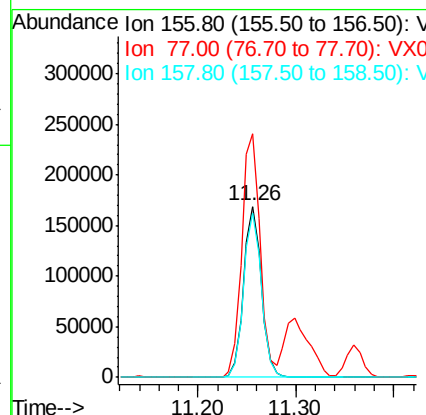
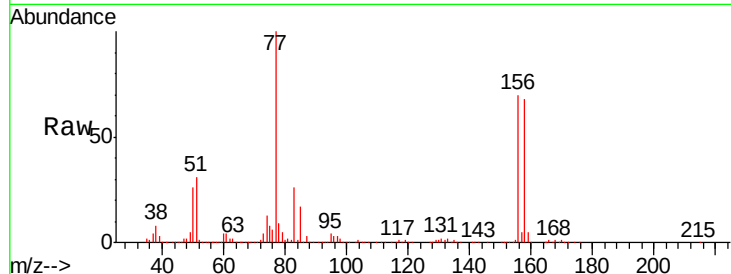
#77
Bromobenzene
Concen: 51.48 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.6	74.3	222.8
158	97.1	49.0	147.0

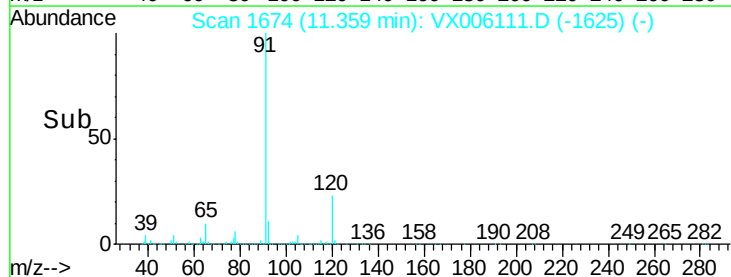
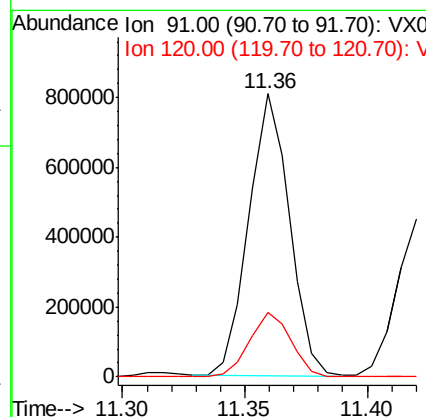
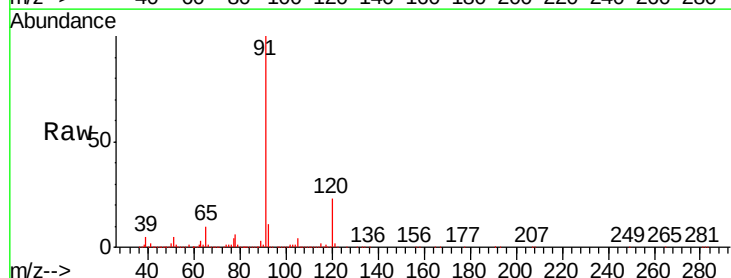
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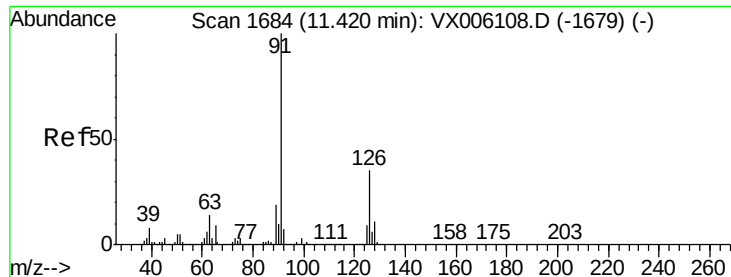
MMDadoda
11/21/2018 10:37:33 AM



#78
n-propylbenzene
Concen: 54.78 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 52.62 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

Tgt Ion: 91 Resp: 546267

Ion Ratio Lower Upper

91 100

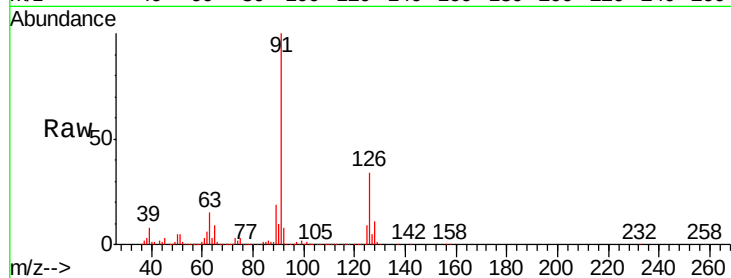
126 34.9 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006108.D (-1679) (-)

800000

600000

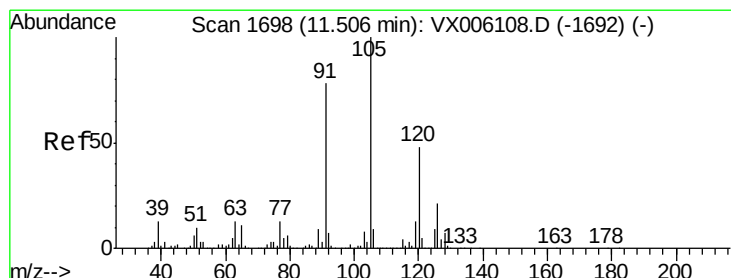
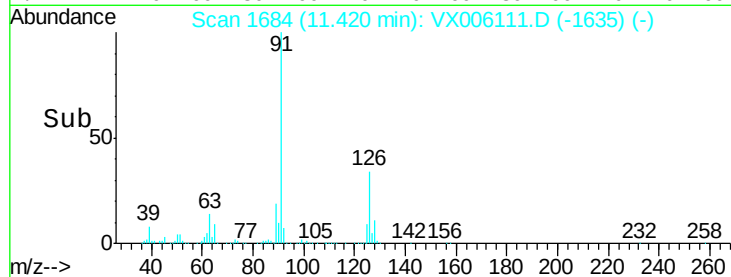
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.62 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006111.D

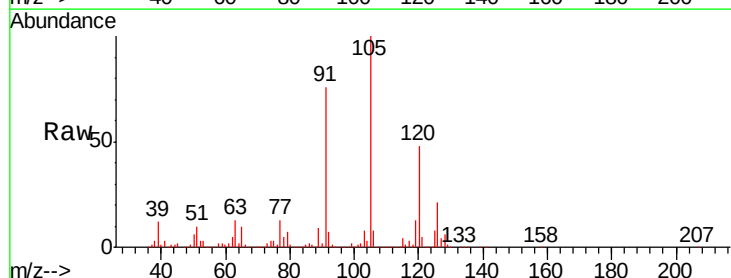
Acq: 20 Nov 2018 20:22

Tgt Ion: 105 Resp: 678459

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

600000

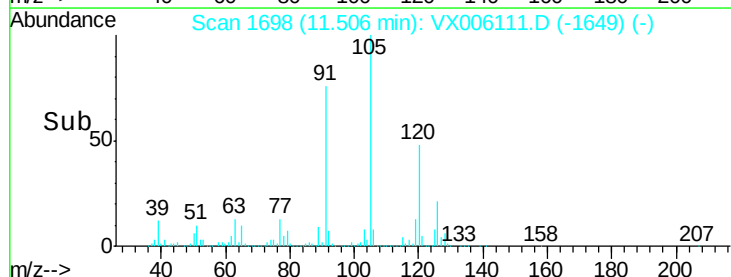
400000

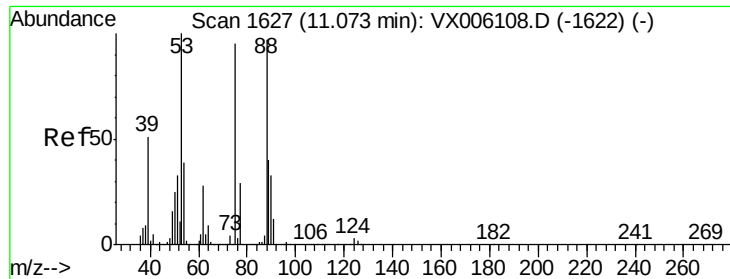
200000

0

11.50 11.60

Time-->





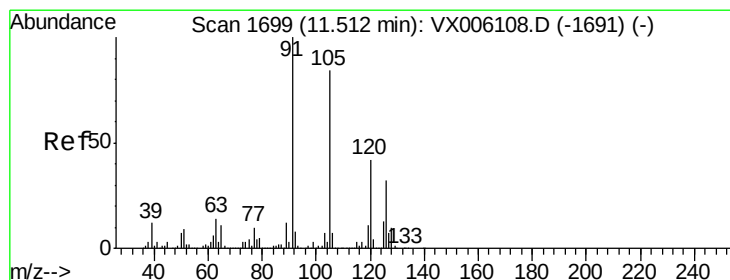
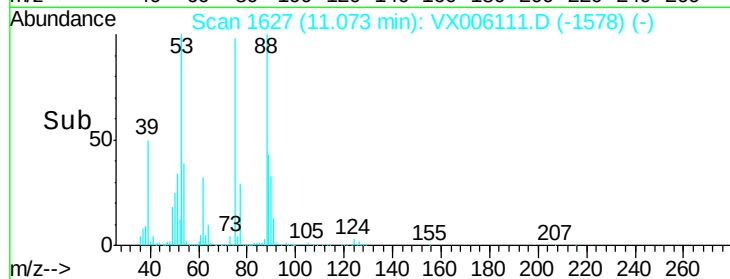
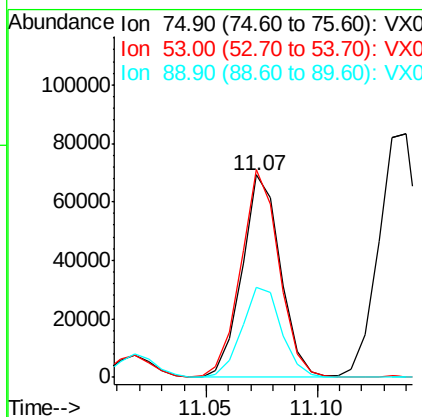
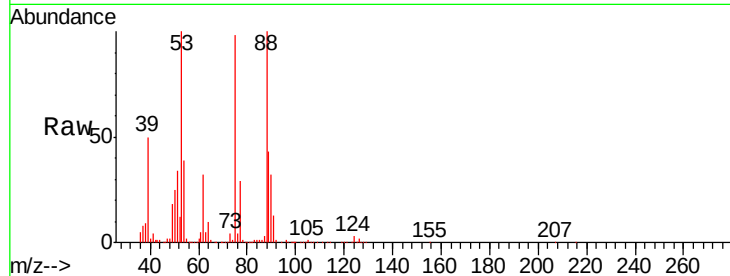
#81
trans-1,4-Dichloro-2-butene
Concen: 55.90 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.8	85.3	127.9
89	46.5	37.2	55.8

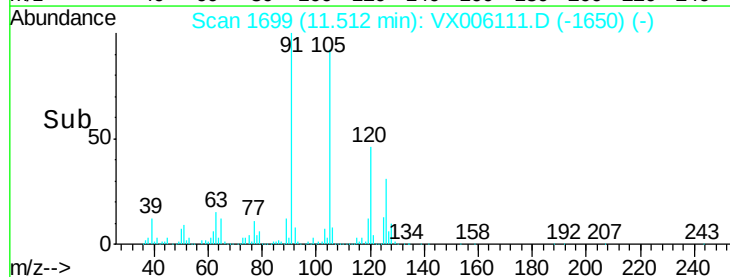
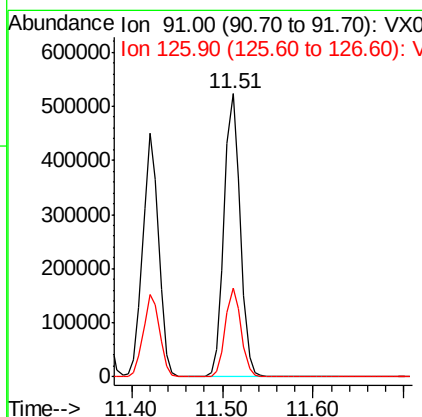
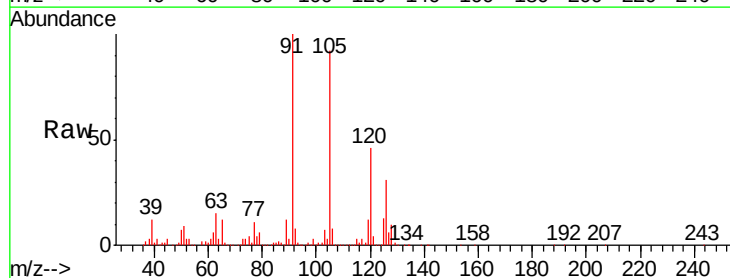
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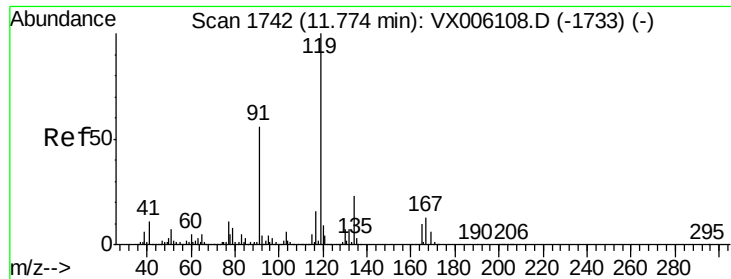
MMDadoda
11/21/2018 10:37:33 AM



#82
4-Chlorotoluene
Concen: 53.98 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.9





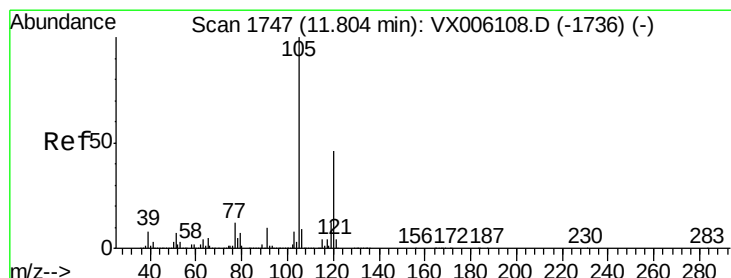
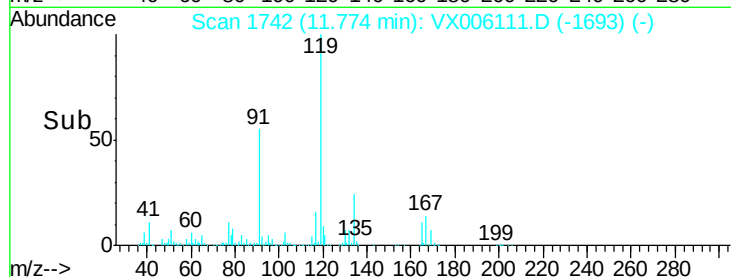
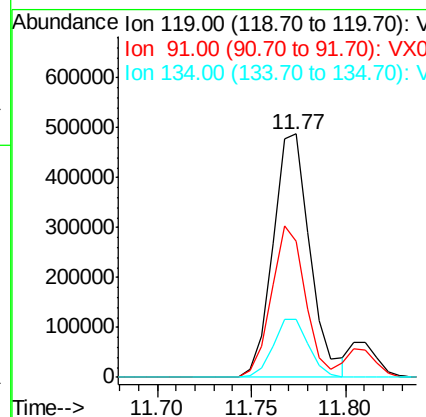
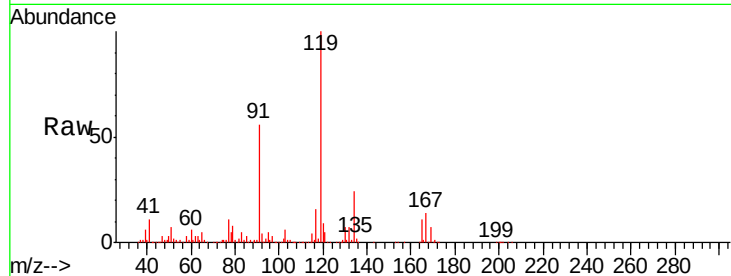
#83
 tert-Butylbenzene
 Concen: 54.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	664993		
91	56.4	28.2	84.6	
134	23.1	11.5	34.4	

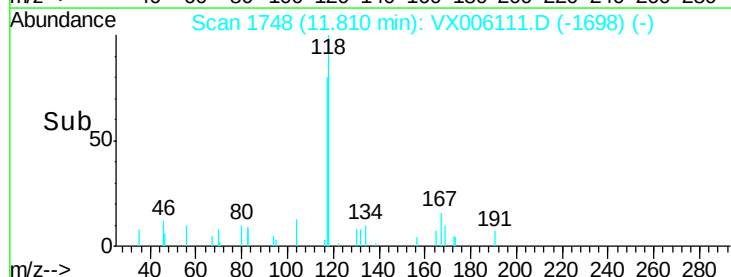
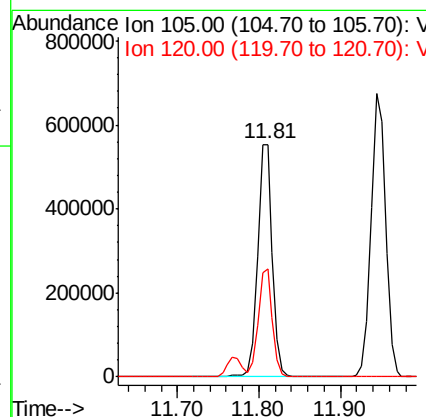
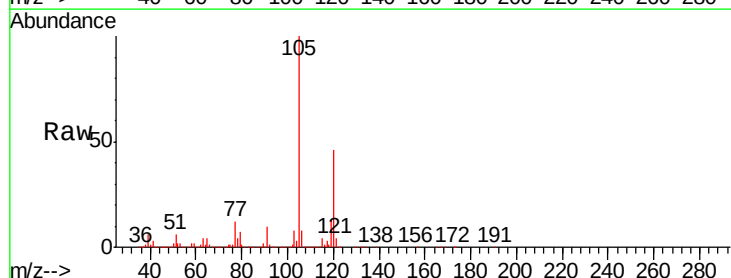
Manual Integrations
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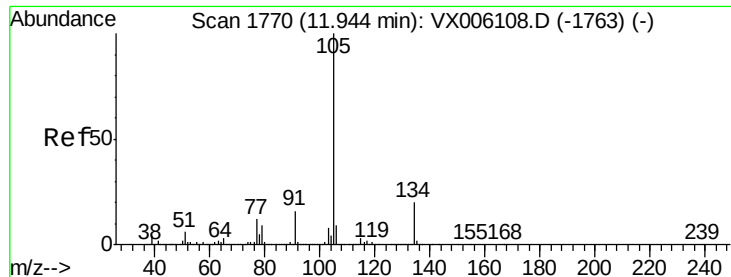
MMDadoda
 11/21/2018 10:37:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.13 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	698545		
120	44.7	22.7	68.0	





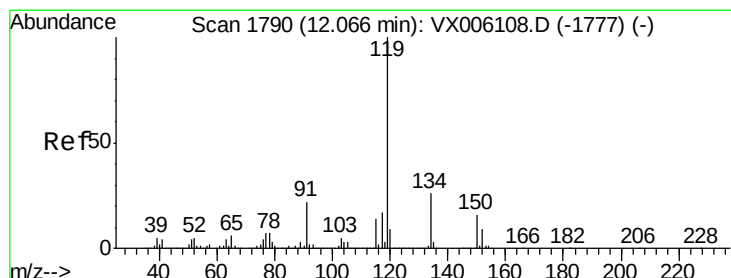
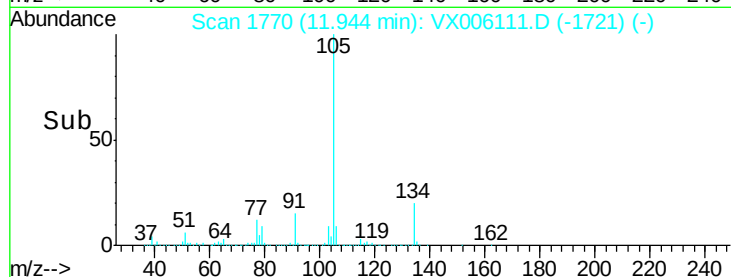
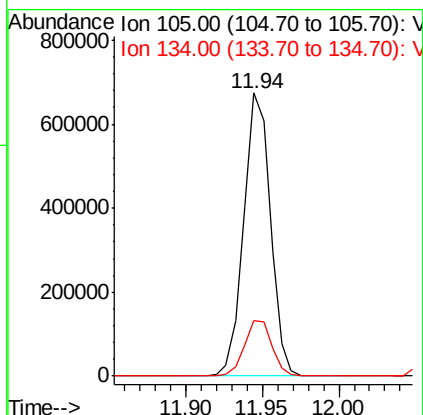
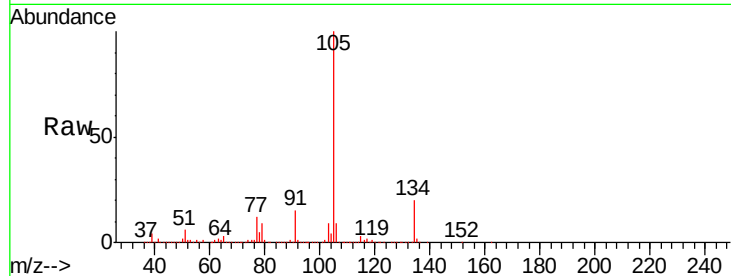
#85
 sec-Butylbenzene
 Concen: 55.10 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

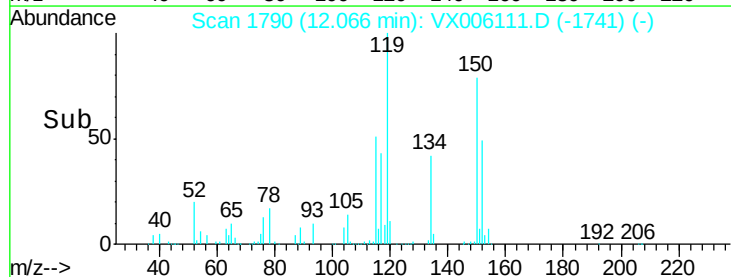
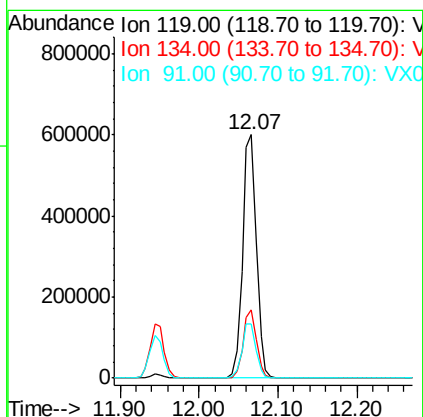
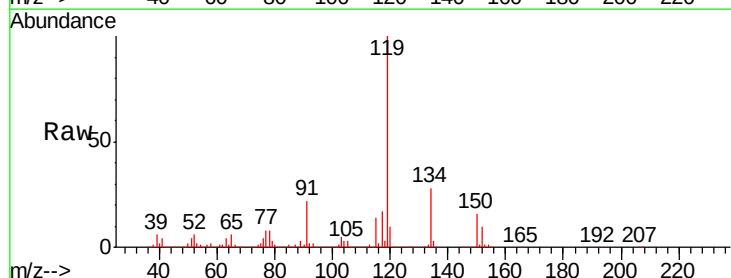
Manual Integrations
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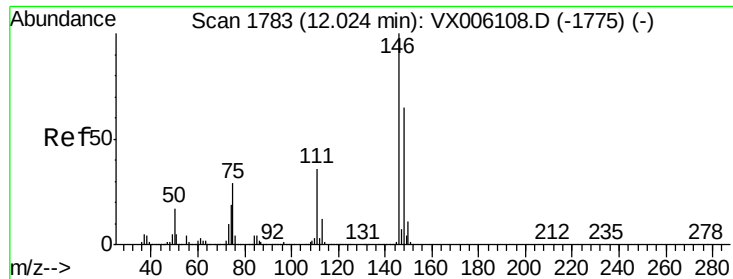
MMDadoda
 11/21/2018 10:37:33 AM



#86
 p-Isopropyltoluene
 Concen: 54.84 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.3
91	22.7	11.3	33.9





#87

1,3-Dichlorobenzene

Concen: 51.86 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

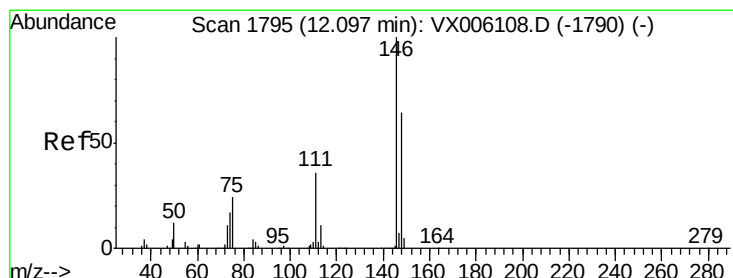
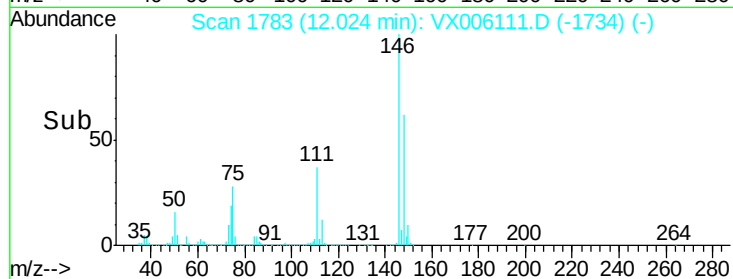
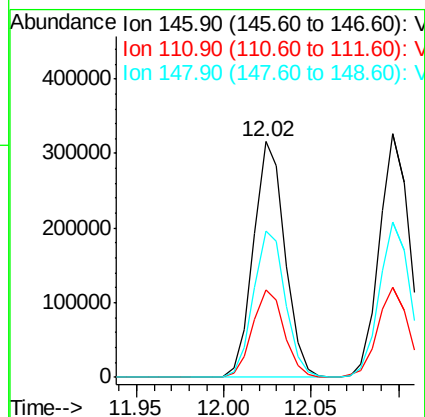
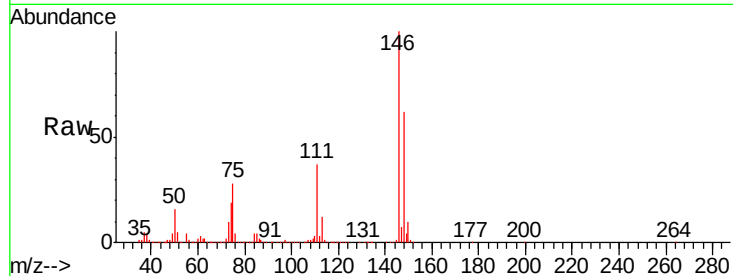
ClientSampleId :

ICVVX112018

Tgt Ion:	146	Resp:	394686
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.8	56.3
148	63.3	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.57 ug/l

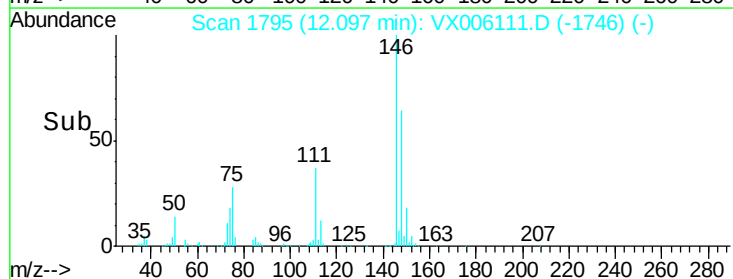
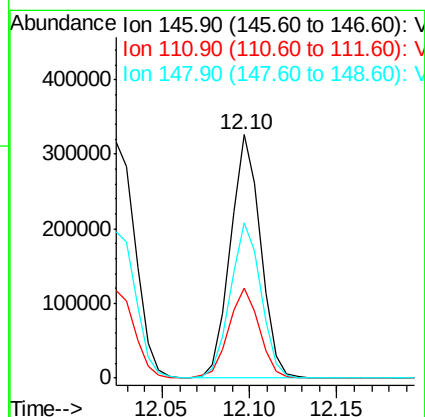
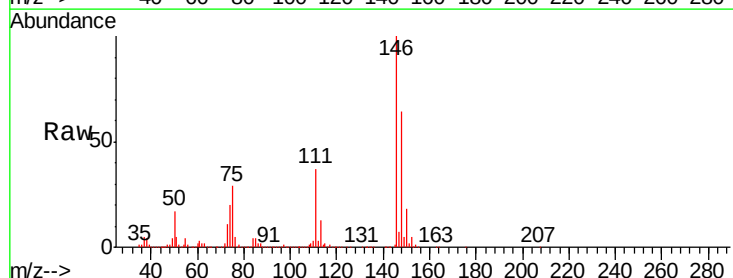
RT: 12.10 min Scan# 1795

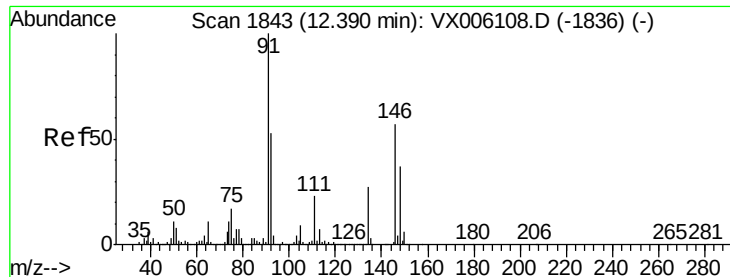
Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion:	146	Resp:	391081
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.3	54.9
148	64.8	32.2	96.6





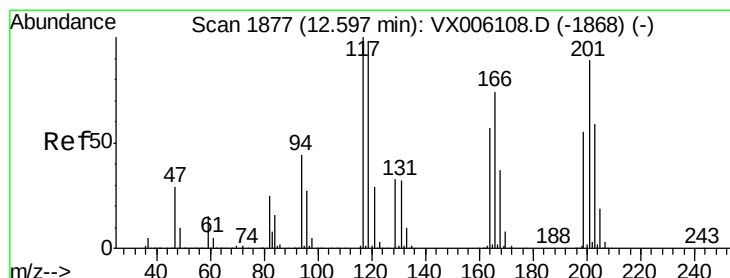
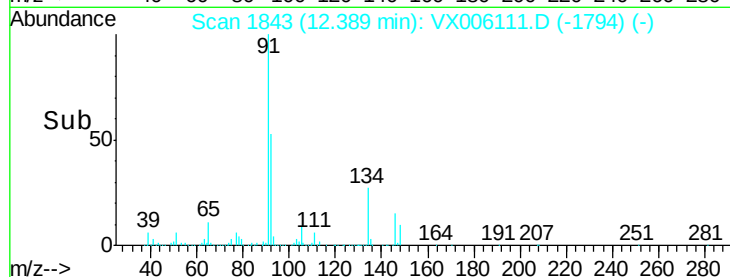
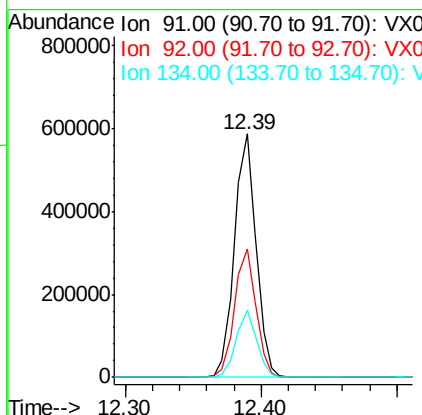
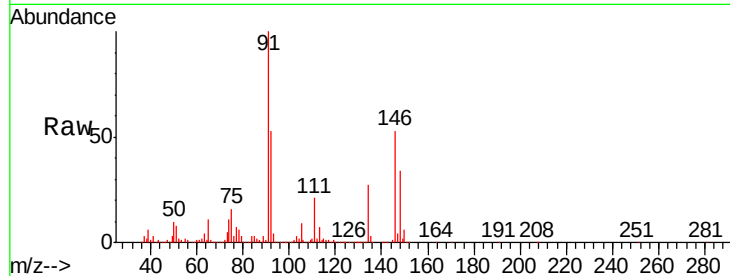
#89
n-Butylbenzene
Concen: 54.31 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	26.5	13.1	39.3

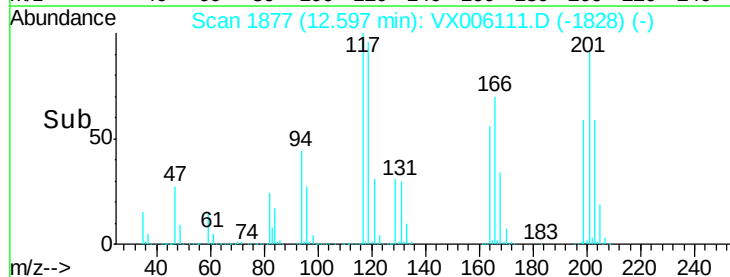
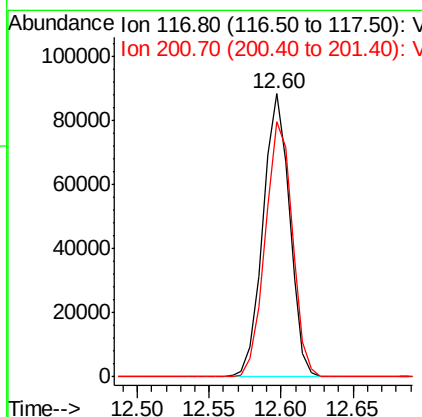
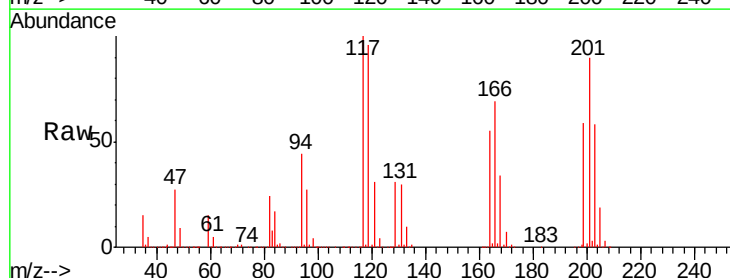
Manual Integrations
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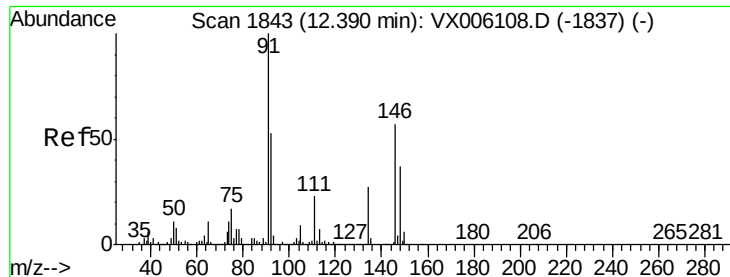
MMDadoda
11/21/2018 10:37:33 AM



#90
Hexachloroethane
Concen: 53.29 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	46.1	138.2





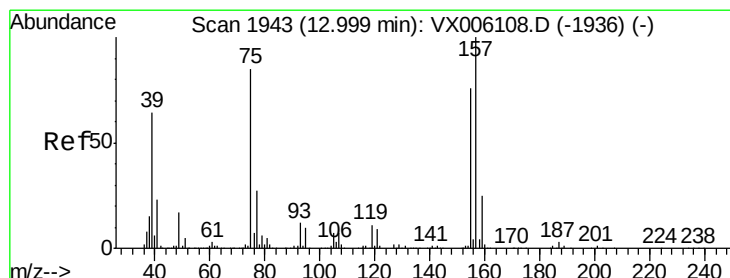
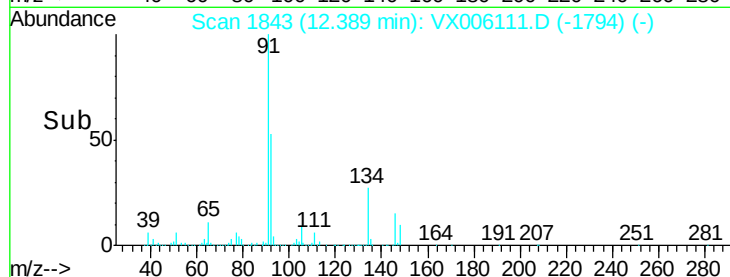
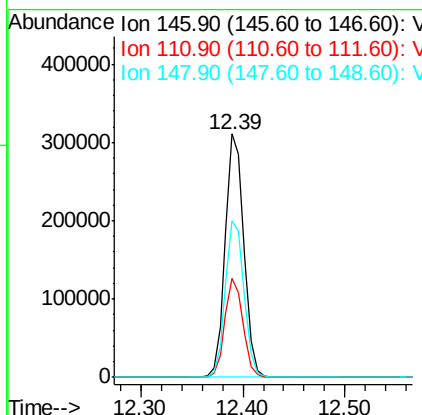
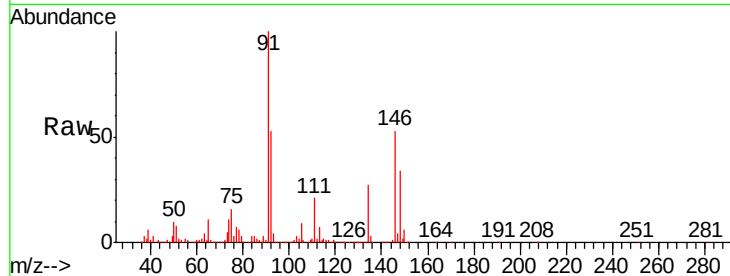
#91
1,2-Dichlorobenzene
Concen: 50.33 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	391618		
111	39.7	19.6	58.8	
148	64.8	32.0	96.0	

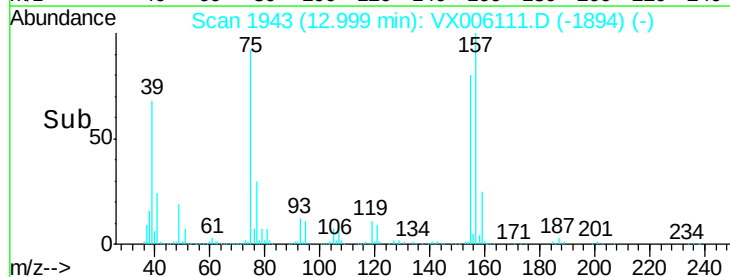
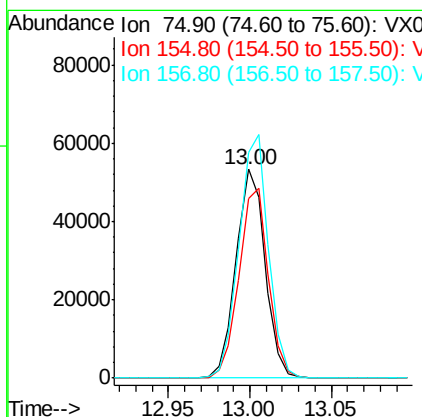
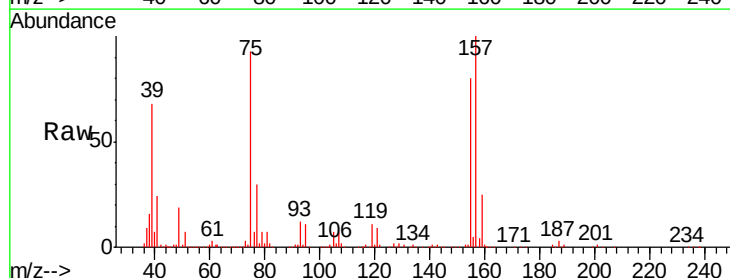
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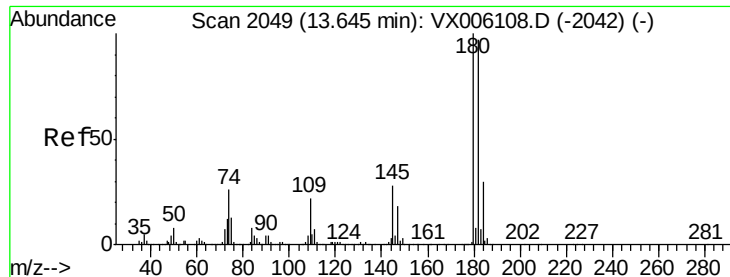
MMDadoda
11/21/2018 10:37:33 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.46 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66299		
155	92.3	46.1	138.3	
157	118.4	59.8	179.3	





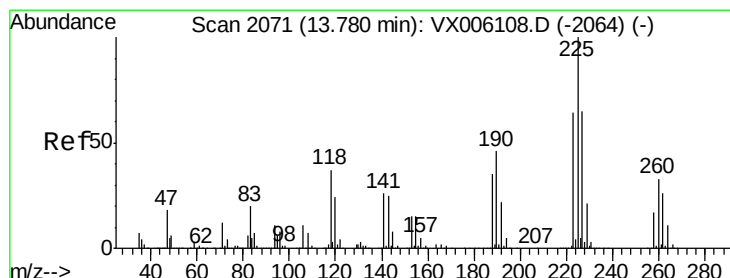
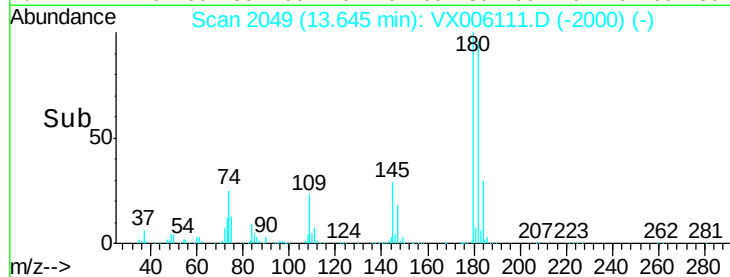
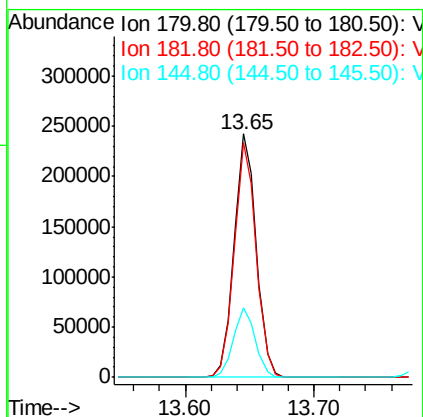
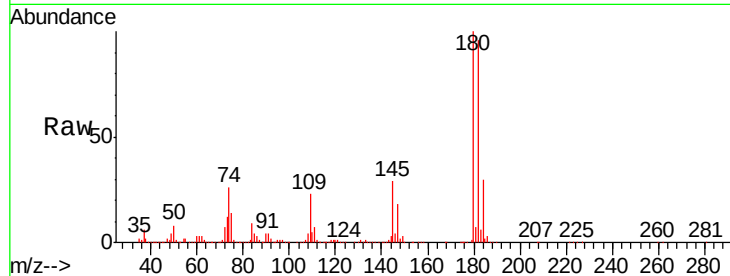
#93
 1,2,4-Trichlorobenzene
 Concen: 52.89 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	289901		
182	95.6	48.2	144.6	
145	28.4	14.1	42.2	

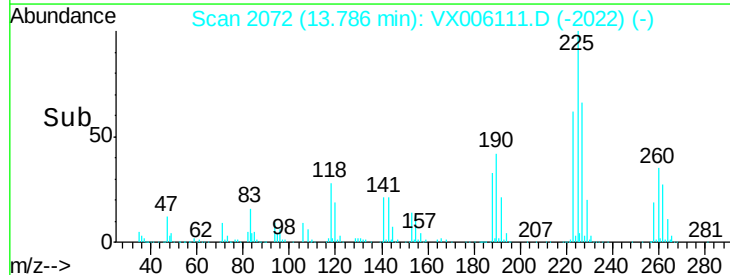
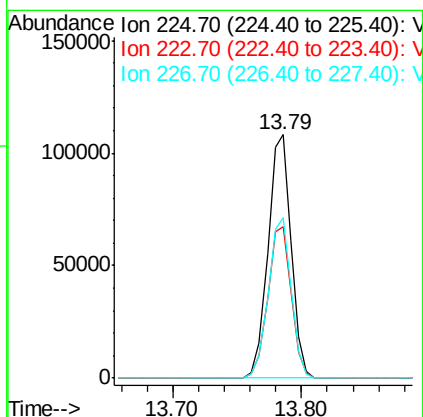
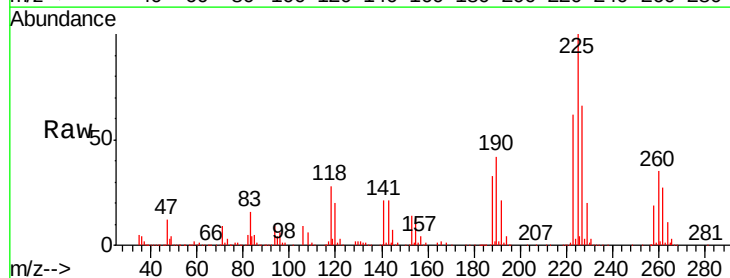
Manual Integrations
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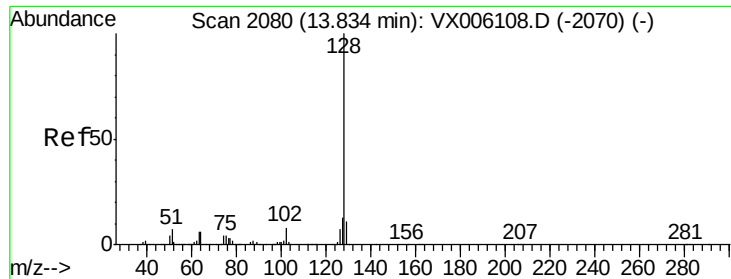
MMDadoda
 11/21/2018 10:37:33 AM



#94
 Hexachlorobutadiene
 Concen: 50.37 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134545		
223	63.4	31.2	93.6	
227	65.2	32.4	97.2	





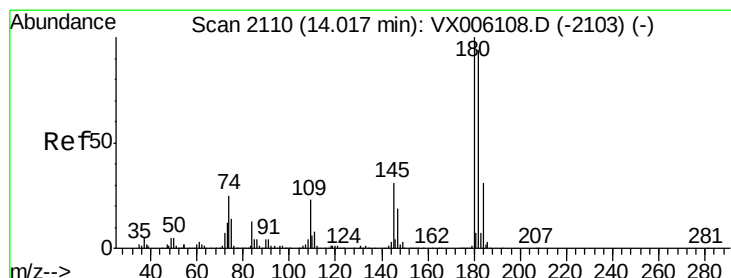
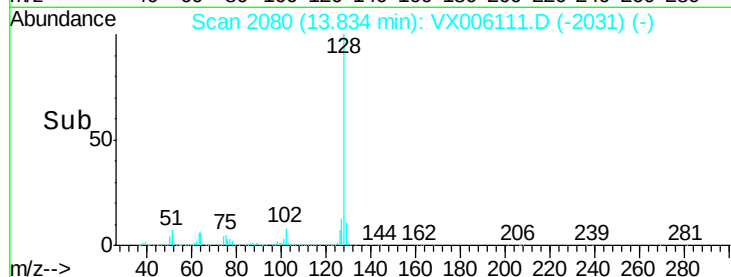
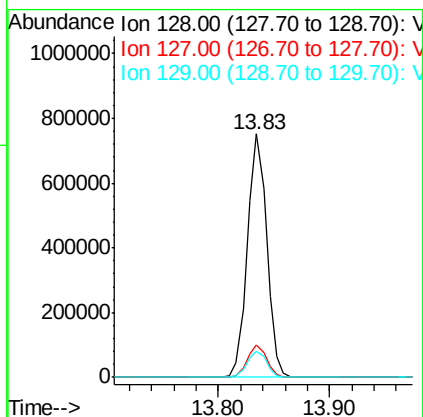
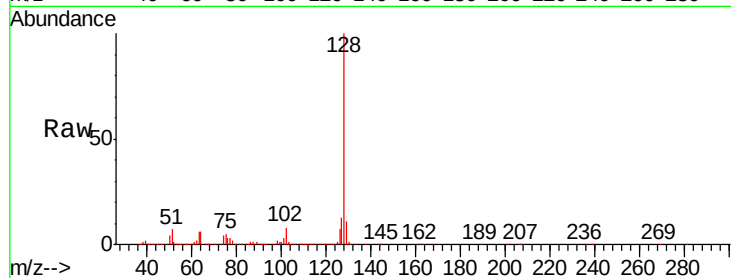
#95
Naphthalene
Concen: 56.36 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	908281		
127	13.2	10.6	15.8	
129	10.9	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
11/21/2018 10:37:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.18 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	291539		
182	95.4	47.5	142.5	
145	30.1	15.0	45.0	

