

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006388.D
 Acq On : 11 Dec 2018 00:12
 Operator : JC/MD
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:17 AM

Quant Time: Dec 11 05:42:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	576412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	899857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	809734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304952	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.50	113	287332	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.71	98	1030272	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	392576	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110247	19.534	ug/l	100
3) Chloromethane	1.33	50	106469	18.357	ug/l	96
4) Vinyl Chloride	1.41	62	118106	18.921	ug/l	97
5) Bromomethane	1.64	94	102604	23.718	ug/l	95
6) Chloroethane	1.73	64	75242	19.659	ug/l	96
7) Trichlorofluoromethane	1.93	101	181005	18.890	ug/l	96
8) Diethyl Ether	2.19	74	71214	19.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102446	18.803	ug/l	98
10) Methyl Iodide	2.51	142	151178	18.412	ug/l	99
11) Tert butyl alcohol	3.07	59	159001	98.807	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97320	18.659	ug/l	94
13) Acrolein	2.30	56	83949	95.447	ug/l	100
14) Allyl chloride	2.73	41	173186	16.809	ug/l	99
15) Acrylonitrile	3.15	53	325096	96.812	ug/l	99
16) Acetone	2.45	43	265295	96.071	ug/l	99
17) Carbon Disulfide	2.57	76	252679	15.722	ug/l	97
18) Methyl Acetate	2.78	43	186671	20.214	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	365833	19.661	ug/l	97
20) Methylene Chloride	2.86	84	113936	19.387	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	106865	19.226	ug/l	92
22) Diisopropyl ether	3.87	45	319053	19.825	ug/l	98
23) Vinyl Acetate	3.82	43	1305872	95.138	ug/l	99
24) 1,1-Dichloroethane	3.70	63	184655	20.075	ug/l	97
25) 2-Butanone	4.70	43	394745	100.185	ug/l	98
26) 2,2-Dichloropropane	4.59	77	134306	15.821	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	126665	20.430	ug/l	96
28) Bromochloromethane	5.01	49	82003	20.410	ug/l	100
29) Tetrahydrofuran	5.15	42	268611	98.090	ug/l	97
30) Chloroform	5.22	83	197305	20.411	ug/l	97
31) Cyclohexane	5.57	56	153640	18.074	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176376	19.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138318	18.253	ug/l	99
37) Ethyl Acetate	4.85	43	153385	18.075	ug/l	97
38) Carbon Tetrachloride	5.78	117	159926	17.940	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169243	17.206	ug/l	96
40) Benzene	6.14	78	437003	19.255	ug/l	99
41) Methacrylonitrile	5.06	41	83850	17.957	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150152	20.214	ug/l	99
43) Isopropyl Acetate	6.46	43	249482	17.633	ug/l	99
44) Trichloroethene	7.21	130	127953	18.610	ug/l	93
45) 1,2-Dichloropropane	7.51	63	109157	18.924	ug/l	100
46) Dibromomethane	7.66	93	79041	18.973	ug/l	95
47) Bromodichloromethane	7.90	83	145940	18.090	ug/l	98
48) Methyl methacrylate	7.77	41	124022	18.018	ug/l	97
49) 1,4-Dioxane	7.75	88	65761	387.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	780478	94.757	ug/l	97
52) Toluene	8.79	92	285781	19.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	152466	16.160	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	166502	16.995	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	119998	19.782	ug/l	100
56) Ethyl methacrylate	9.18	69	180115	18.993	ug/l	96
57) 1,3-Dichloropropane	9.37	76	188772	19.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	463743	96.367	ug/l	99
59) 2-Hexanone	9.49	43	596390	94.774	ug/l	99
60) Dibromochloromethane	9.58	129	128574	17.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127296	18.768	ug/l	98
64) Tetrachloroethene	9.33	164	119836	19.652	ug/l	97
65) Chlorobenzene	10.14	112	338933	19.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	122610	18.359	ug/l	99
67) Ethyl Benzene	10.25	91	551286	19.284	ug/l	98
68) m/p-Xylenes	10.36	106	437440	38.199	ug/l	98
69) o-Xylene	10.70	106	216033	19.098	ug/l	100
70) Styrene	10.71	104	347590	18.999	ug/l	99
71) Bromoform	10.86	173	98075	15.557	ug/l #	98
73) Isopropylbenzene	11.02	105	573415	20.054	ug/l	100
74) N-amyl acetate	10.90	43	222978	18.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	185113	20.236	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	166614m	20.848	ug/l	
77) Bromobenzene	11.26	156	154528	19.474	ug/l	96
78) n-propylbenzene	11.36	91	623480	19.616	ug/l	100
79) 2-Chlorotoluene	11.42	91	379676	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	474172	19.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50087	14.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	430134	19.583	ug/l	99
83) tert-Butylbenzene	11.77	119	498520	19.639	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	487791	19.856	ug/l	100
85) sec-Butylbenzene	11.94	105	566448	19.616	ug/l	100
86) p-Isopropyltoluene	12.07	119	509931	19.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279152	19.771	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279413	19.497	ug/l	99
89) n-Butylbenzene	12.39	91	415720	18.737	ug/l	100
90) Hexachloroethane	12.60	117	88383	16.677	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	282193	20.138	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40182	17.136	ug/l	95

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ClientSampleId :
VX1210WBS02

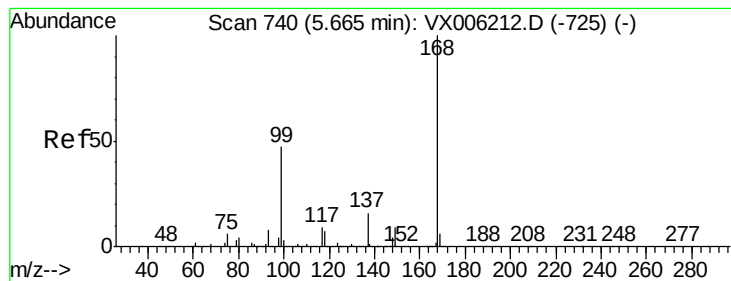
Manual Integrations
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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191957	18.776	ug/l	99
94) Hexachlorobutadiene	13.78	225	83947	18.567	ug/l	100
95) Naphthalene	13.83	128	625810	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193571	19.116	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion:168 Resp: 576412

Ion Ratio Lower Upper

168 100

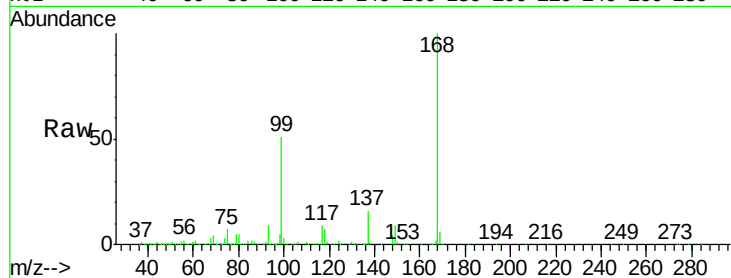
99 50.6 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

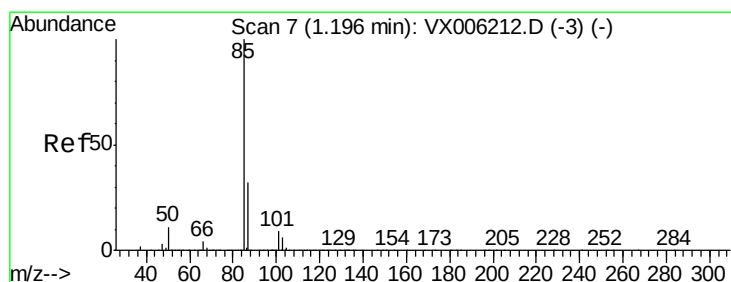
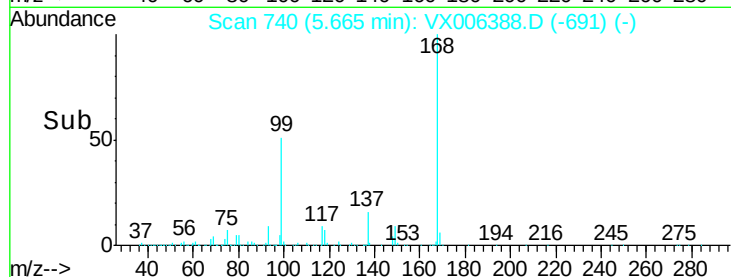
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.534 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006388.D

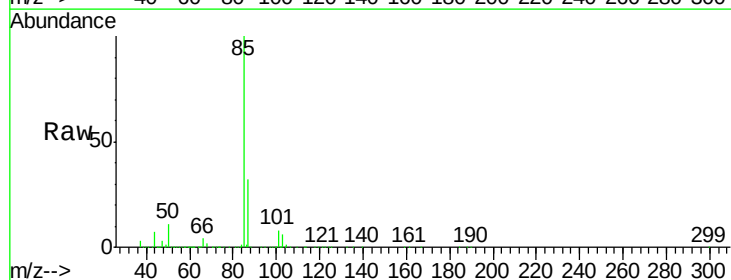
Acq: 11 Dec 2018 00:12

Tgt Ion: 85 Resp: 110247

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

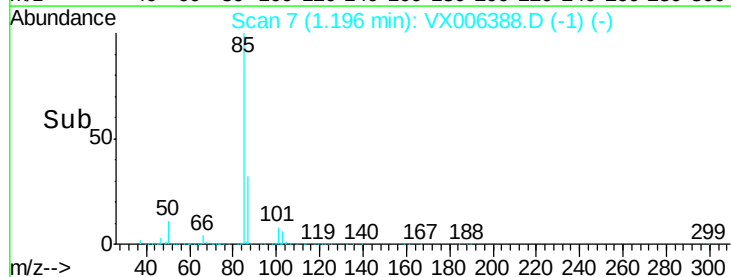
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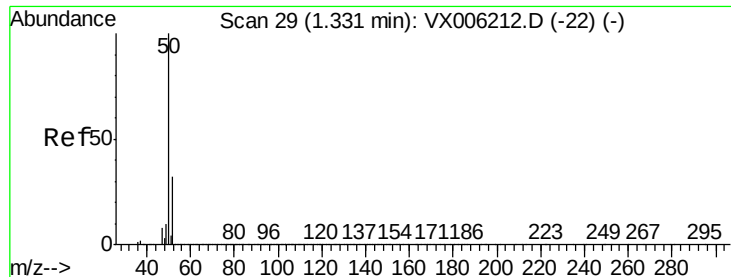
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20000

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Time-->





#3

Chloromethane

Concen: 18.357 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 50 Resp: 106469

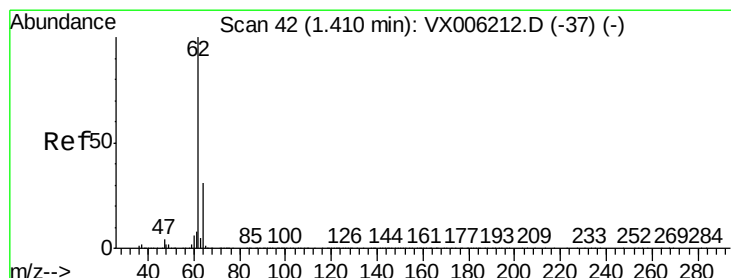
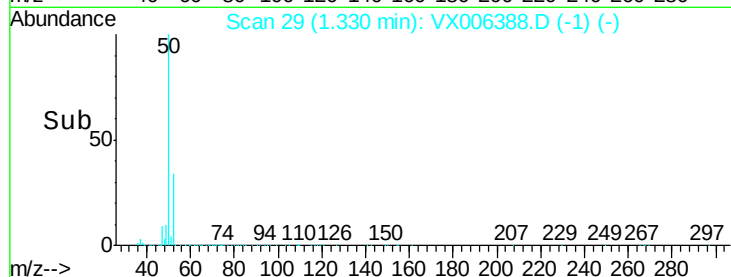
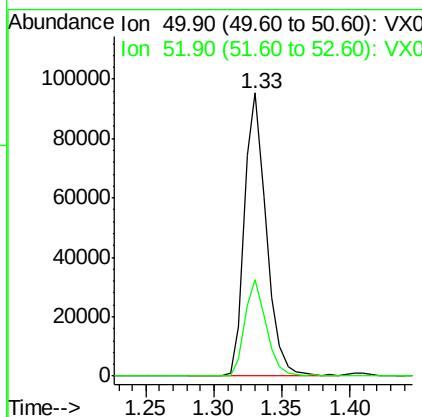
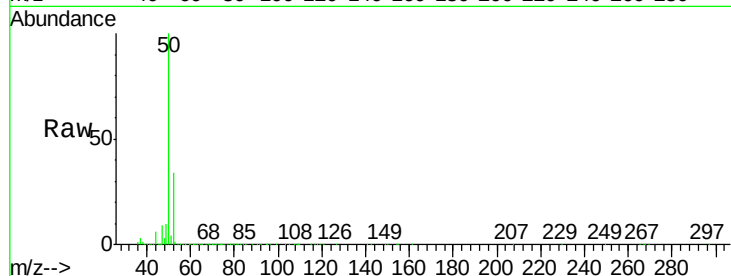
Ion Ratio Lower Upper

50 100

52 34.0 25.2 37.8

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#4

Vinyl Chloride

Concen: 18.921 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006388.D

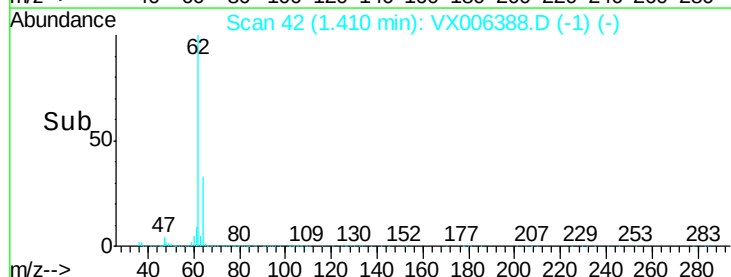
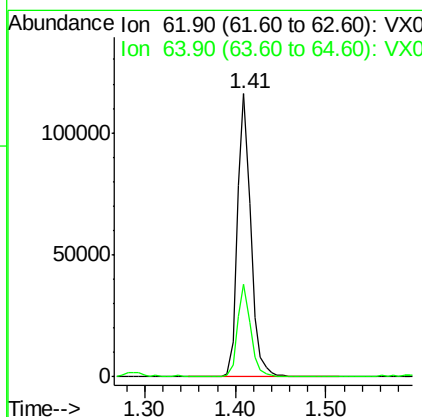
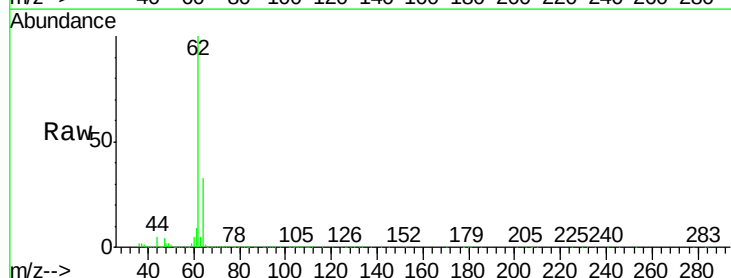
Acq: 11 Dec 2018 00:12

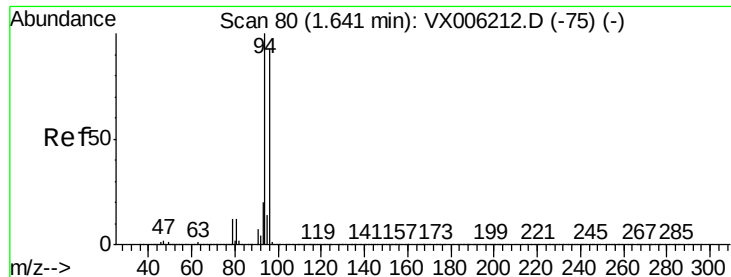
Tgt Ion: 62 Resp: 118106

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 23.718 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 94 Resp: 102604

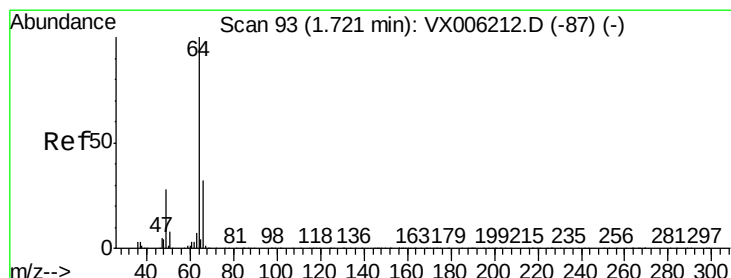
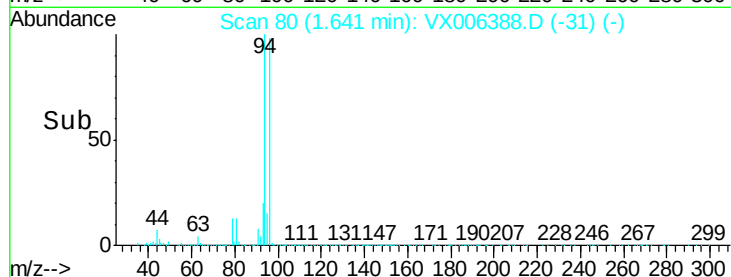
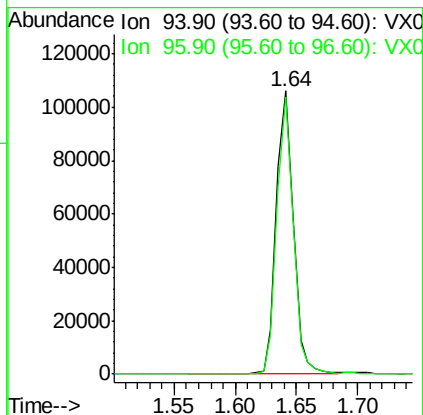
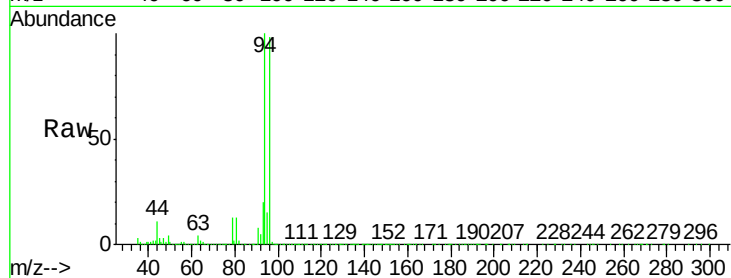
Ion Ratio Lower Upper

94 100

96 97.7 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 19.659 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006388.D

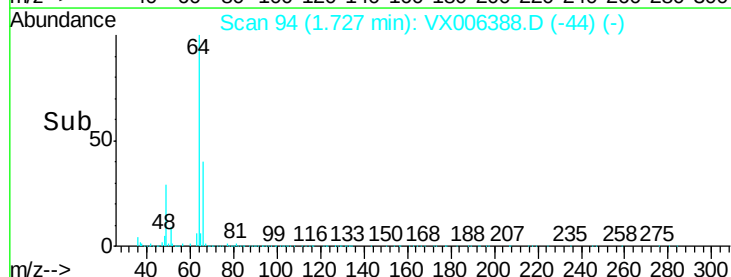
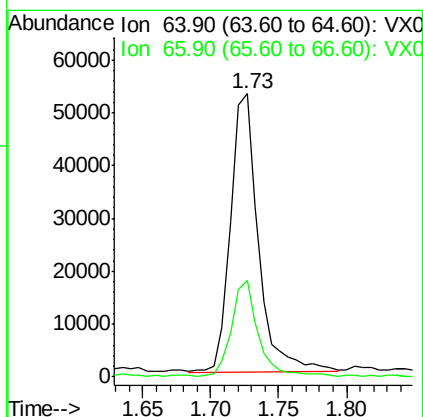
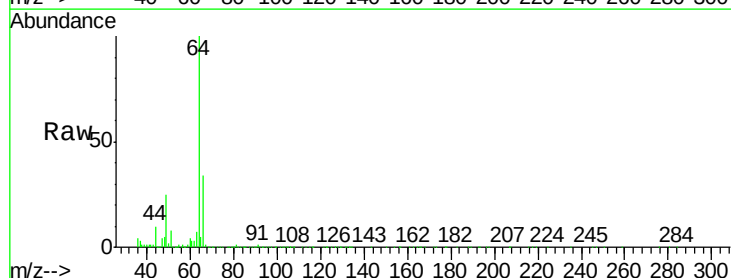
Acq: 11 Dec 2018 00:12

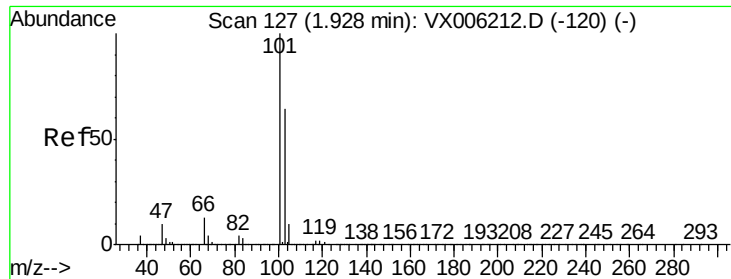
Tgt Ion: 64 Resp: 75242

Ion Ratio Lower Upper

64 100

66 34.4 25.9 38.9





#7

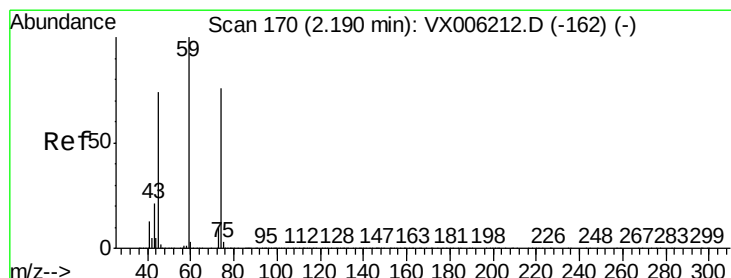
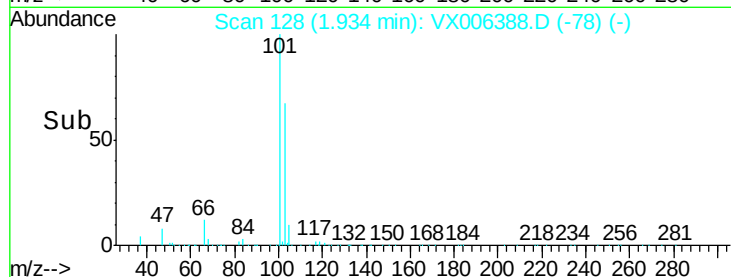
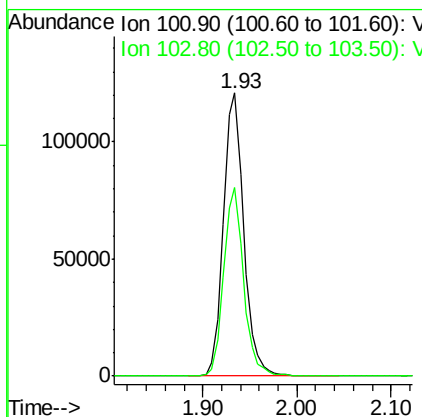
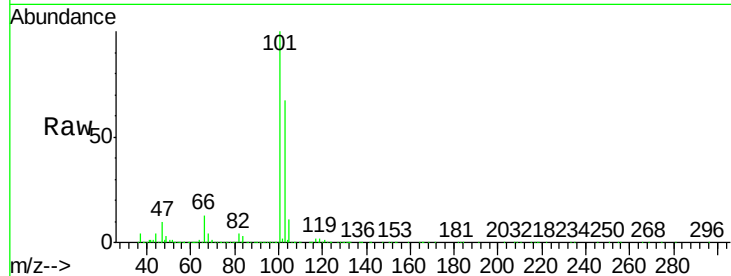
Trichlorofluoromethane
Concen: 18.890 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
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ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.0	76.4

Manual Integrations
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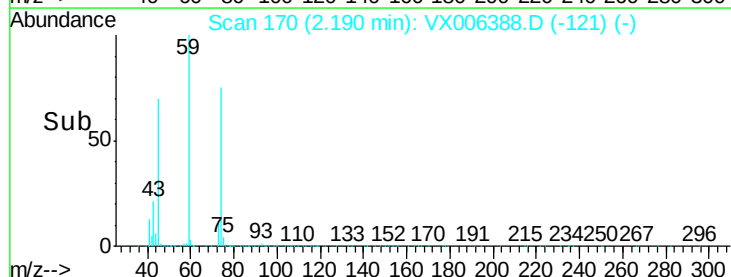
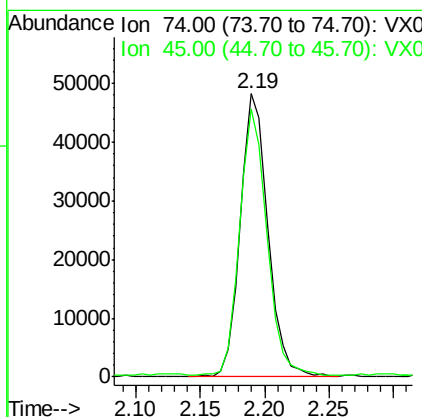
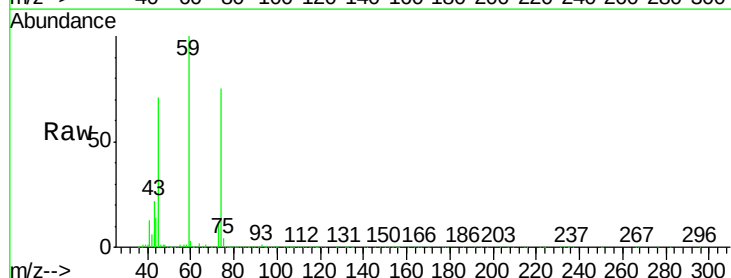
MMDadoda
12/11/2018 10:54:17 AM

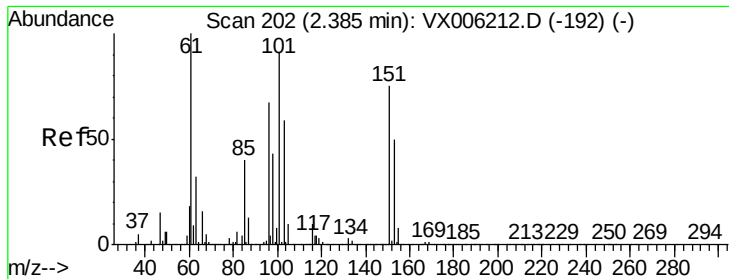


#8

Diethyl Ether
Concen: 19.638 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.803 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

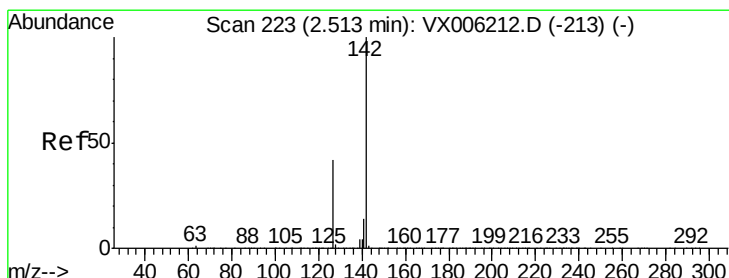
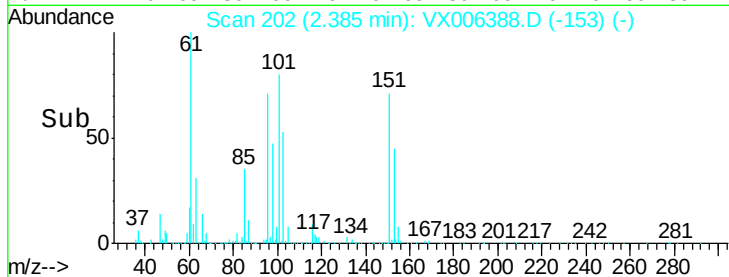
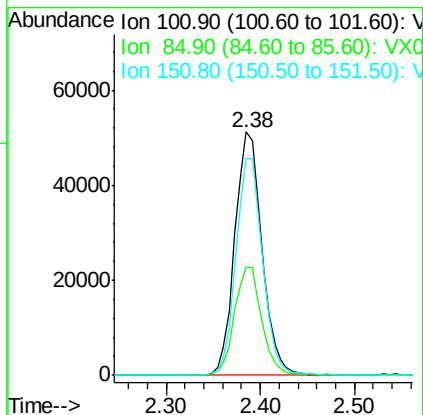
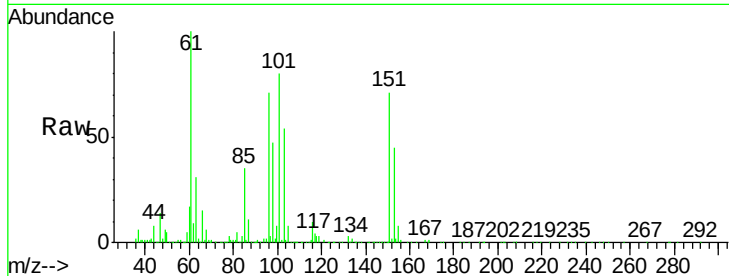
ClientSampleId :

VX1210WBS02

Tot Ion:	101	Resp:	102446
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.5	53.3
151	88.3	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 18.412 ug/l

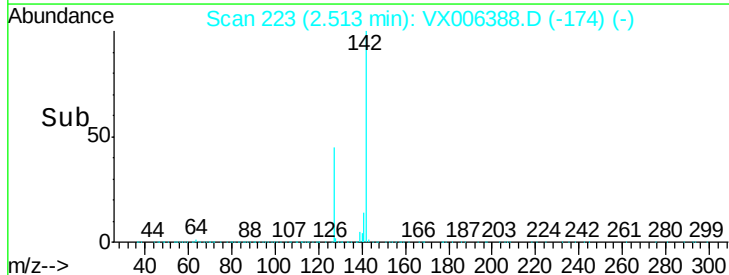
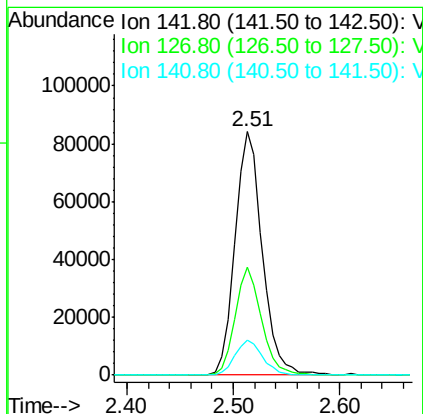
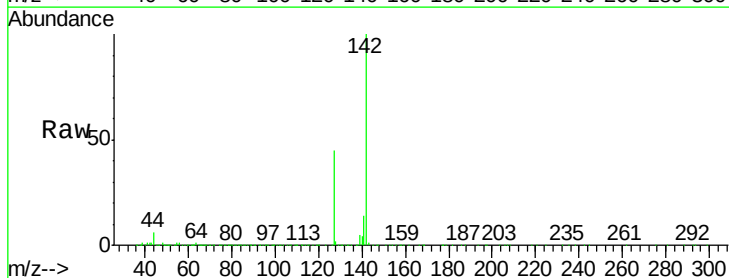
RT: 2.51 min Scan# 223

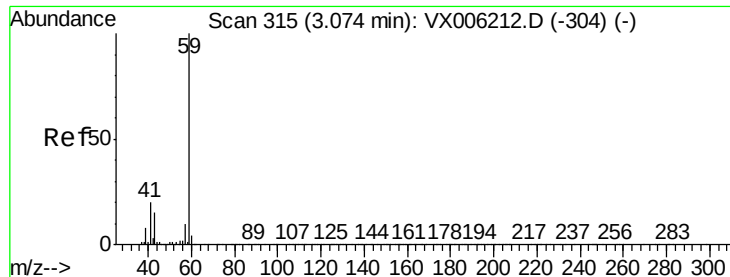
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	142	Resp:	151178
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.8	52.2
141	14.9	11.4	17.2





#11

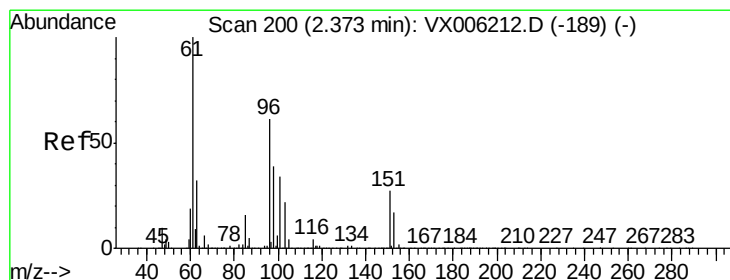
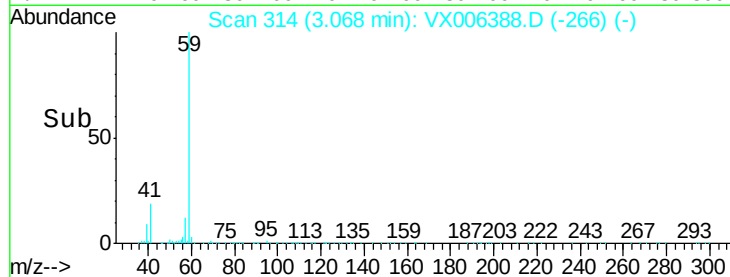
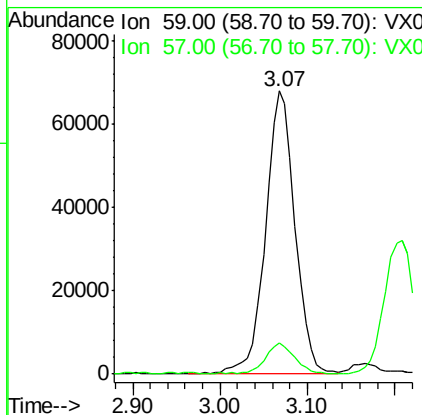
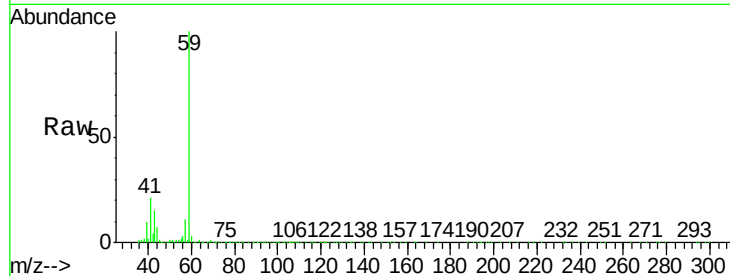
Tert butyl alcohol
Concen: 98.807 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

Manual Integrations
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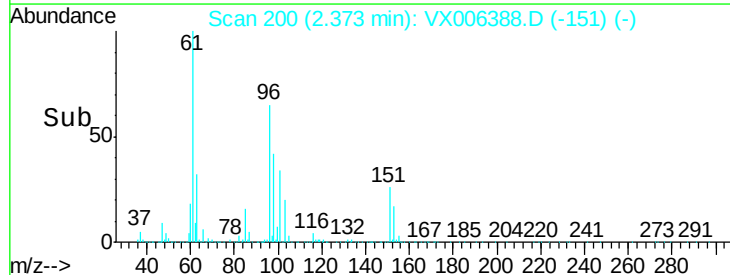
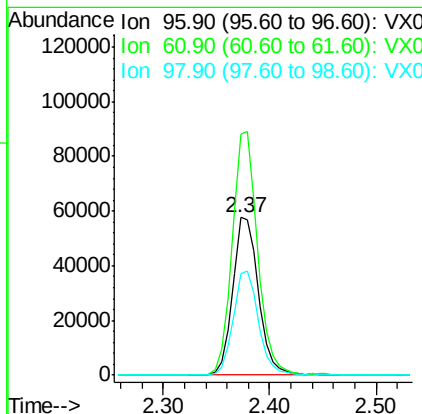
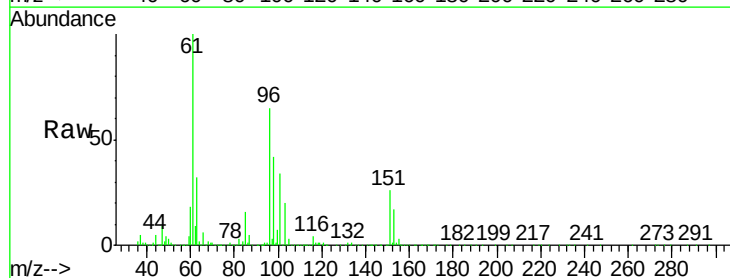
MMDadoda
12/11/2018 10:54:17 AM

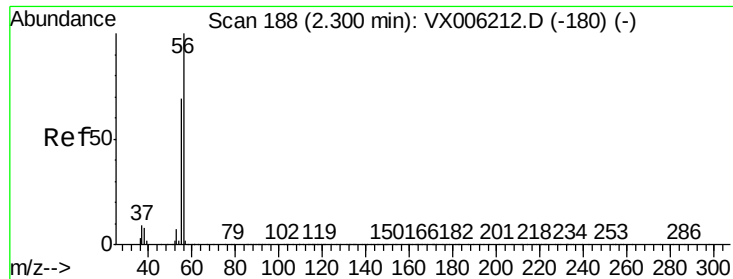


#12

1,1-Dichloroethene
Concen: 18.659 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	131.7	197.5
98	64.8	51.8	77.6





#13

Acrolein

Concen: 95.447 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 56 Resp: 83949

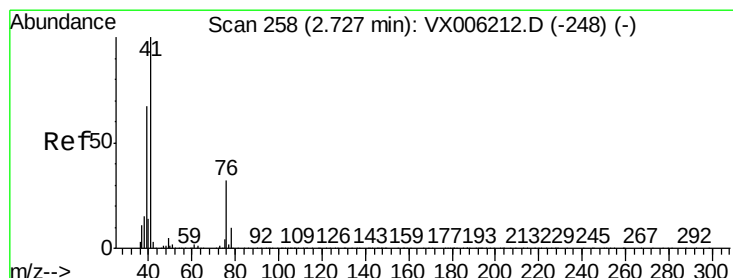
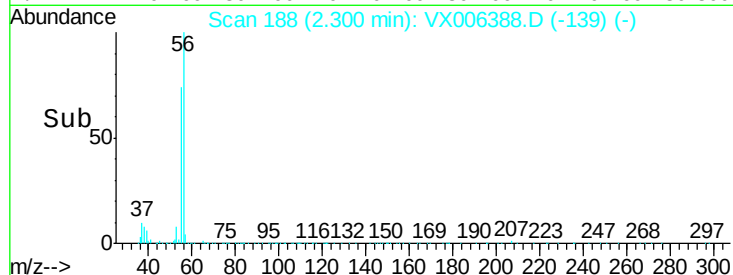
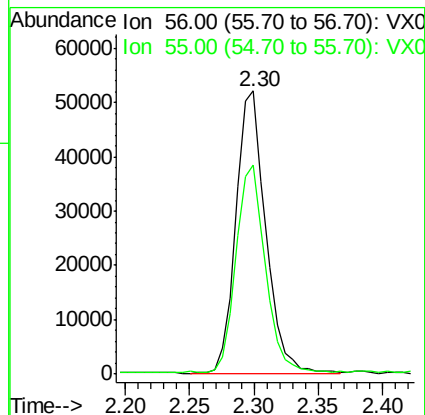
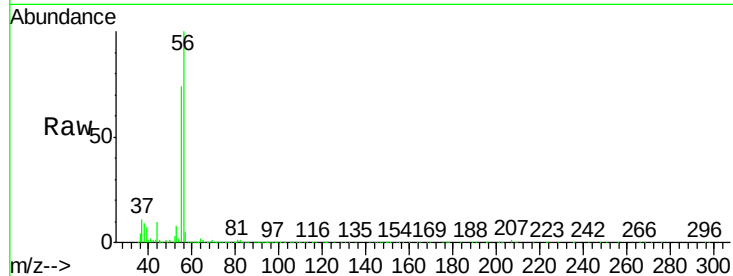
Ion Ratio Lower Upper

56 100

55 72.5 57.8 86.6

Manual Integrations
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#14

Allyl chloride

Concen: 16.809 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

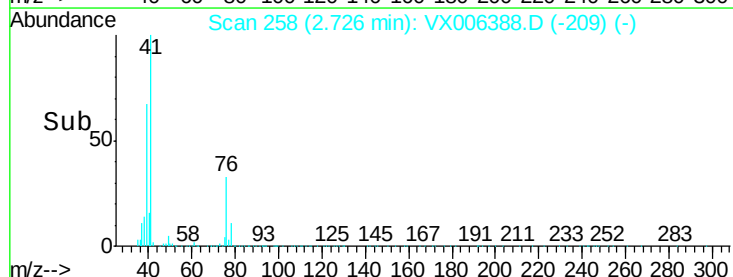
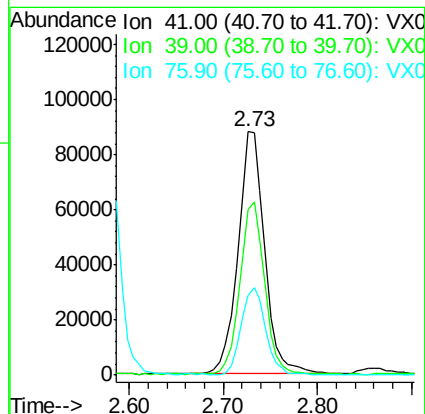
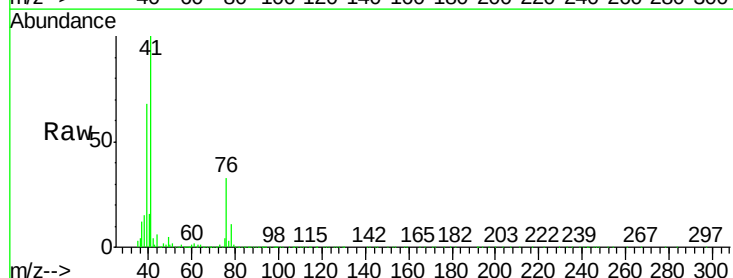
Tgt Ion: 41 Resp: 173186

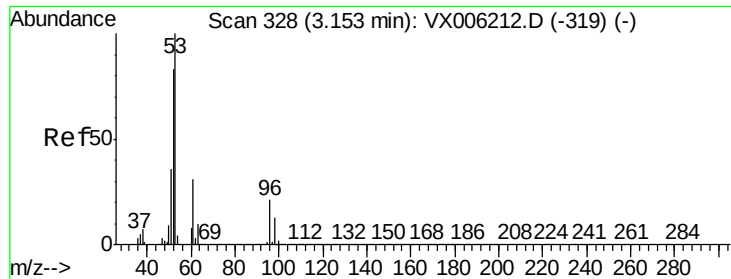
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 33.1 25.4 38.0





#15

Acrylonitrile

Concen: 96.812 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

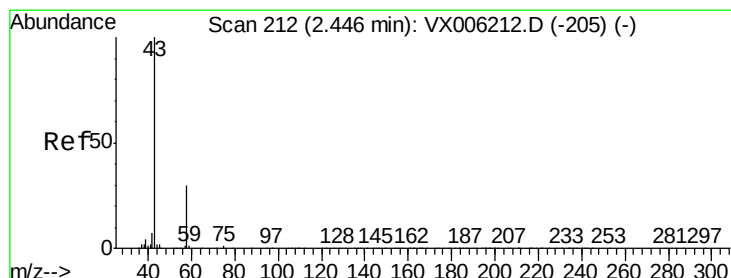
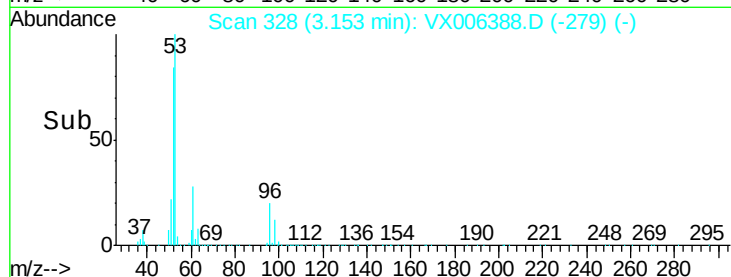
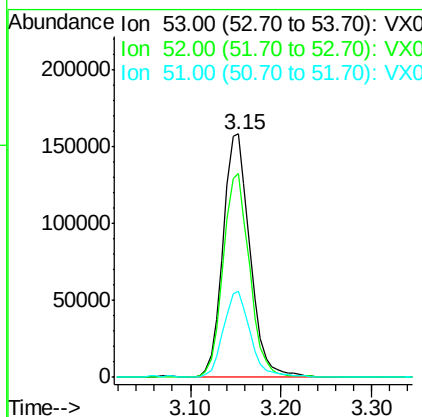
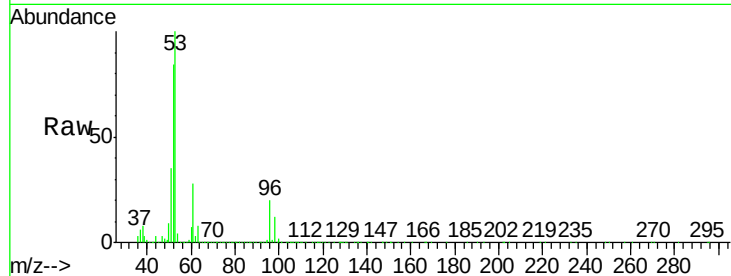
ClientSampleId :

VX1210WBS02

Tot Ion:	53	Resp:	325096
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.4
51	35.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 96.071 ug/l

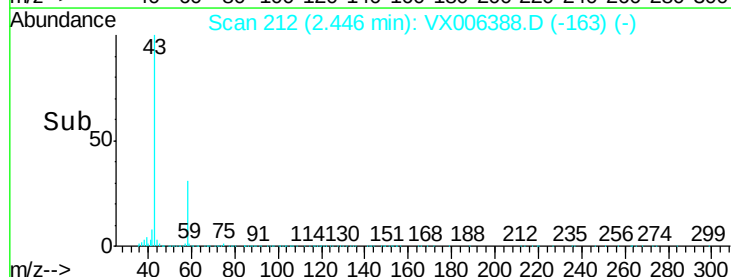
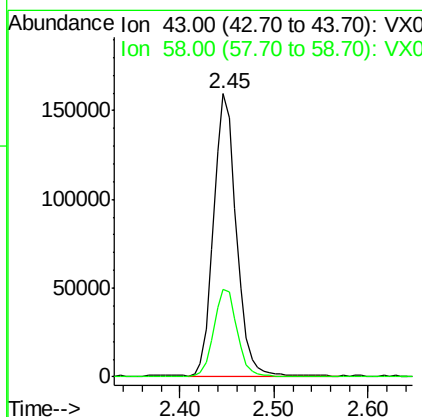
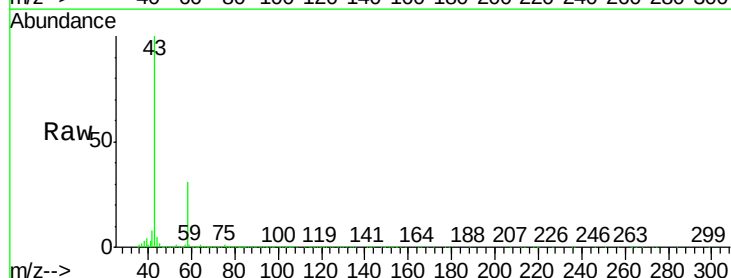
RT: 2.45 min Scan# 212

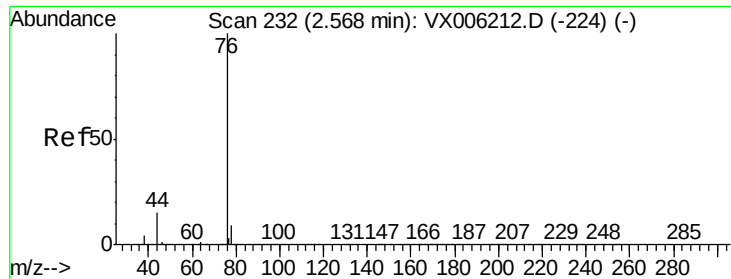
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	43	Resp:	265295
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.0	36.0





#17

Carbon Disulfide

Concen: 15.722 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 76 Resp: 252679

Ion Ratio Lower Upper

76 100

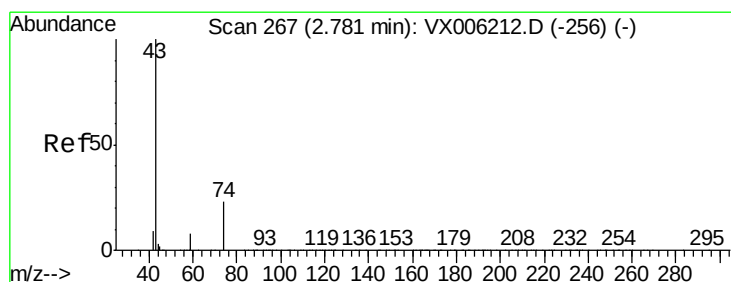
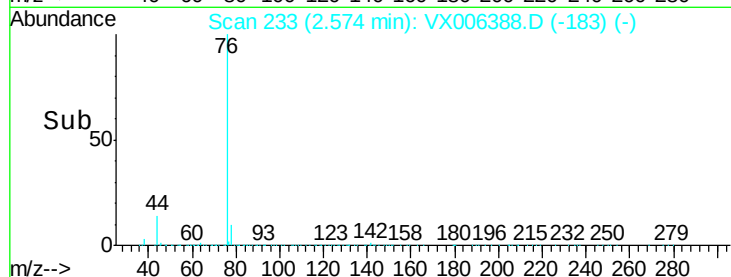
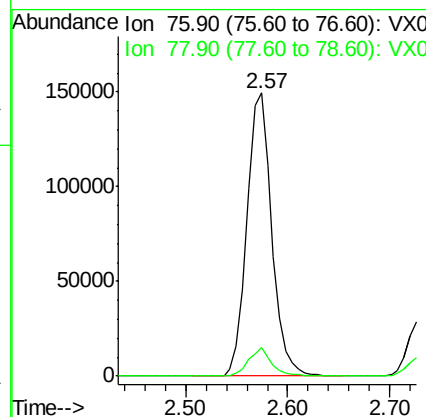
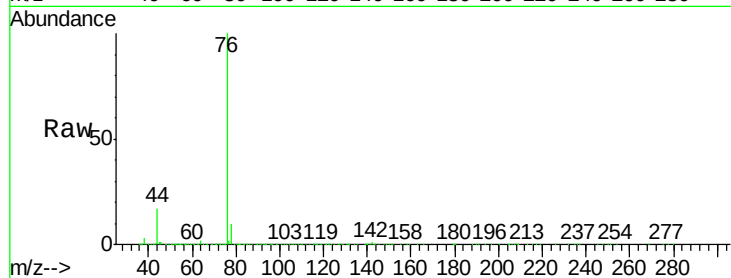
78 9.8 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 20.214 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006388.D

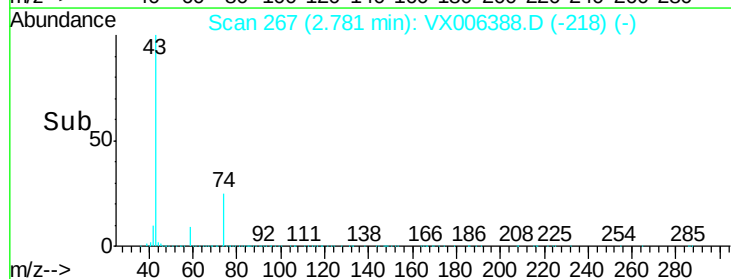
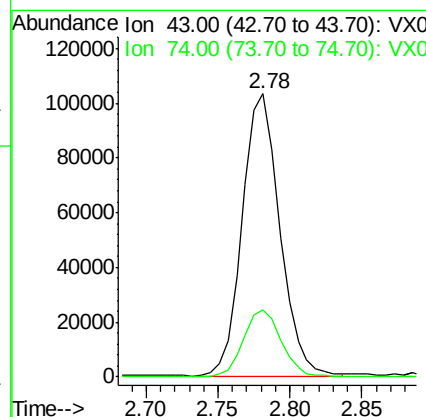
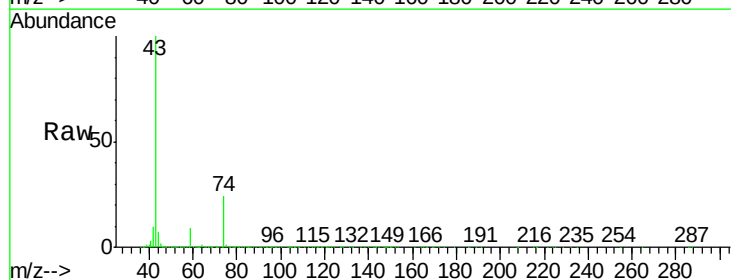
Acq: 11 Dec 2018 00:12

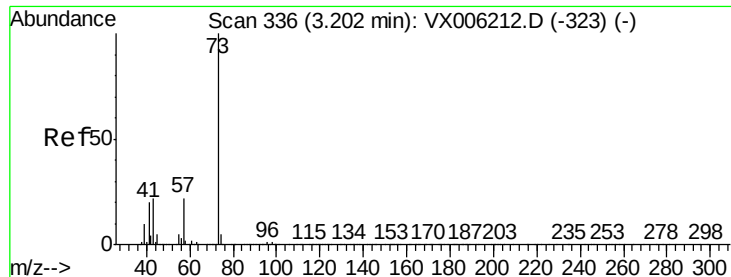
Tgt Ion: 43 Resp: 186671

Ion Ratio Lower Upper

43 100

74 24.3 17.9 26.9





#19

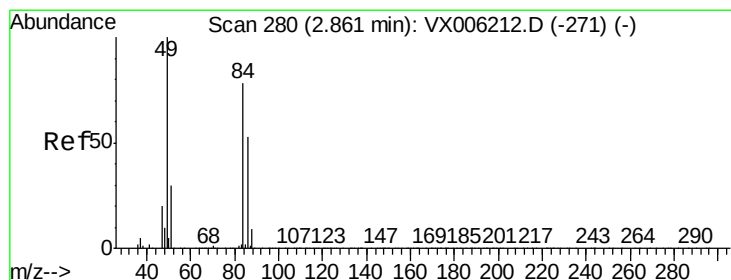
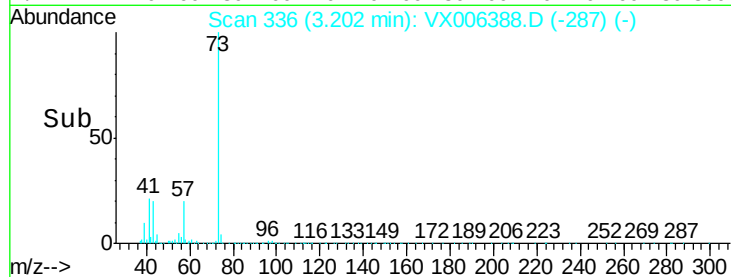
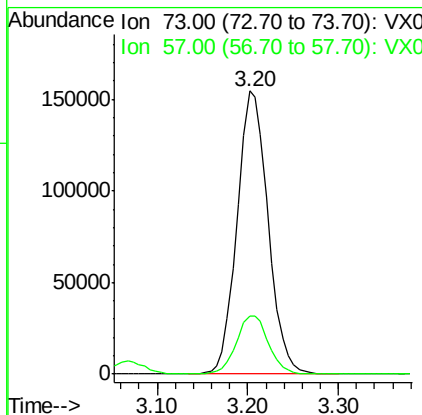
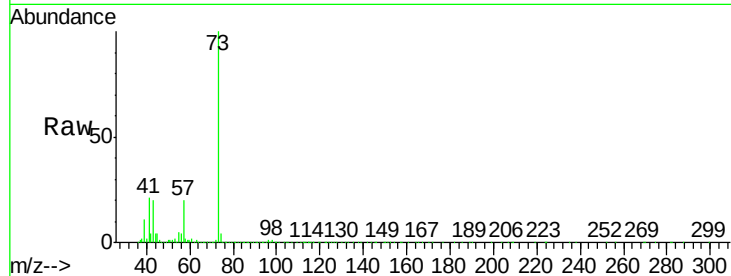
Methyl tert-butyl Ether
 Concen: 19.661 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.5	26.3

Manual Integrations
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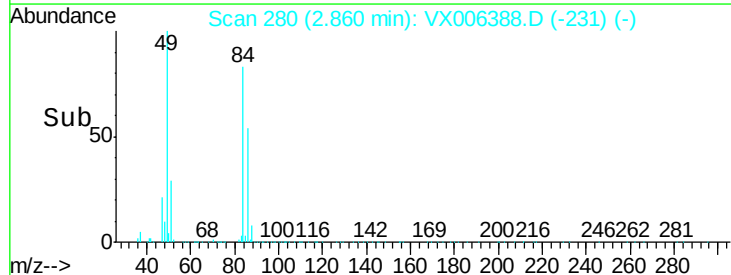
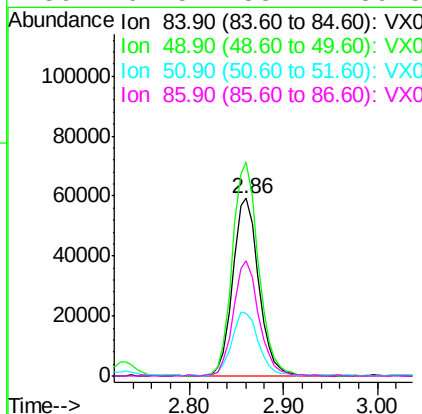
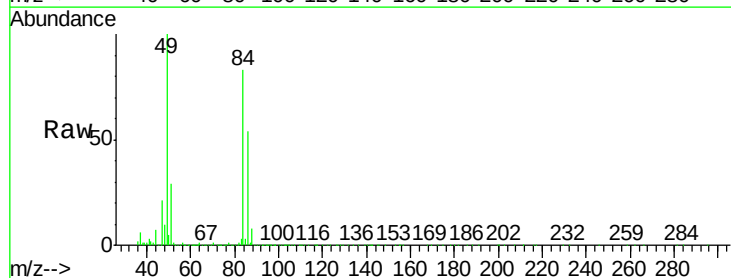
MMDadoda
 12/11/2018 10:54:17 AM

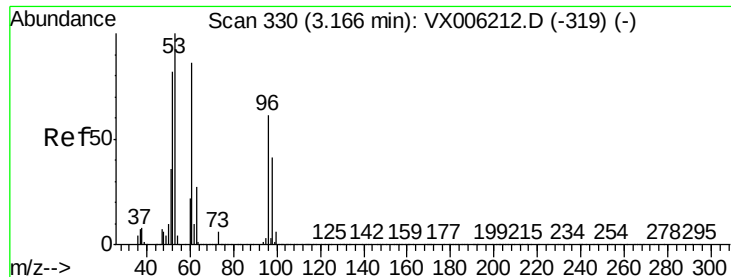


#20

Methylene Chloride
 Concen: 19.387 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	102.2	153.4
51	34.6	31.1	46.7
86	64.5	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.226 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

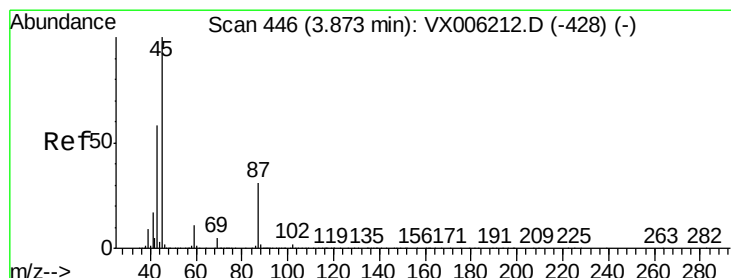
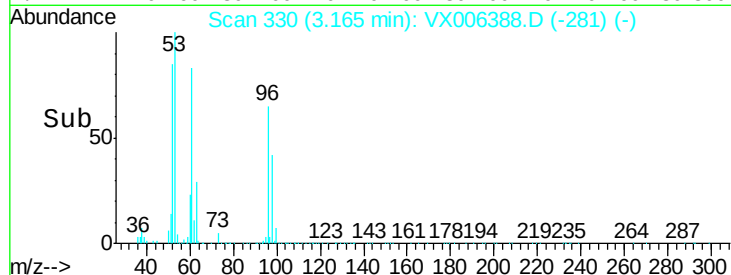
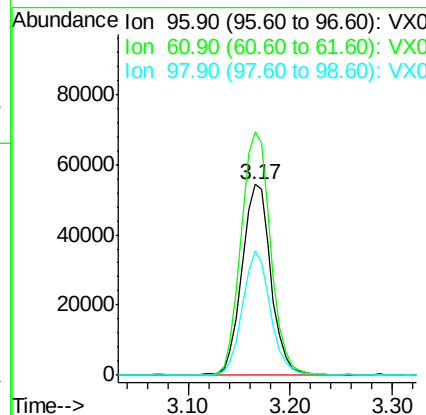
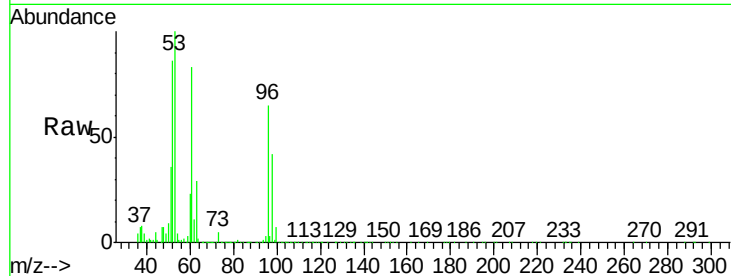
ClientSampleId :

VX1210WBS02

Tot Ion:	96	Resp:	106865
Ion Ratio	Lower	Upper	
96	100		
61	127.4	113.3	169.9
98	65.2	53.2	79.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.825 ug/l

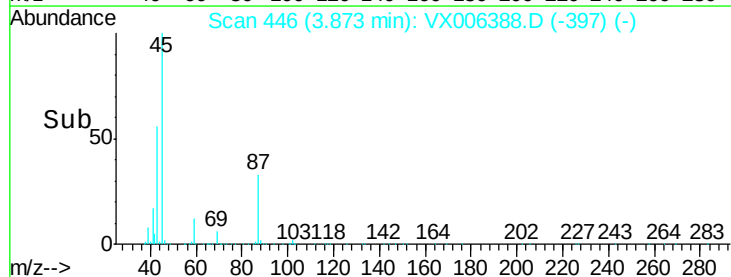
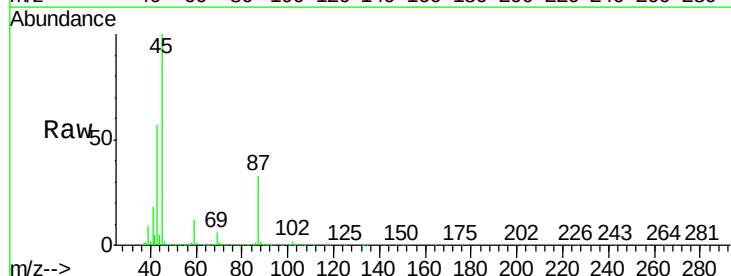
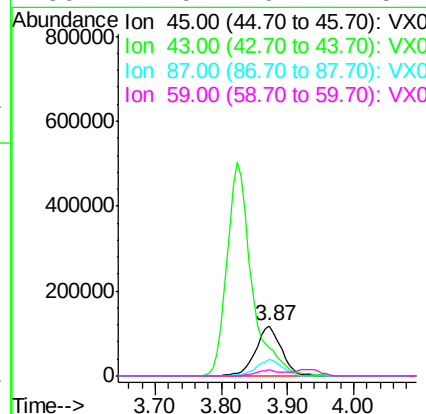
RT: 3.87 min Scan# 446

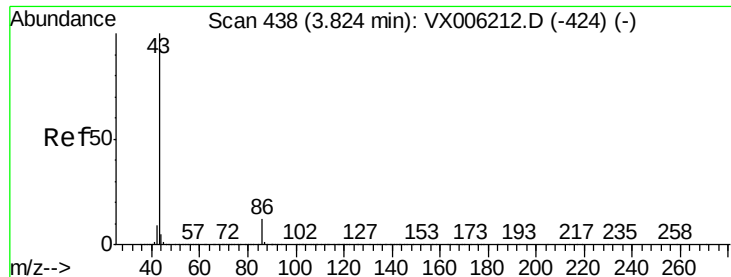
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	45	Resp:	319053
Ion Ratio	Lower	Upper	
45	100		
43	56.6	46.2	69.2
87	32.6	24.9	37.3
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 95.138 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 43 Resp: 1305872

Ion Ratio Lower Upper

43 100

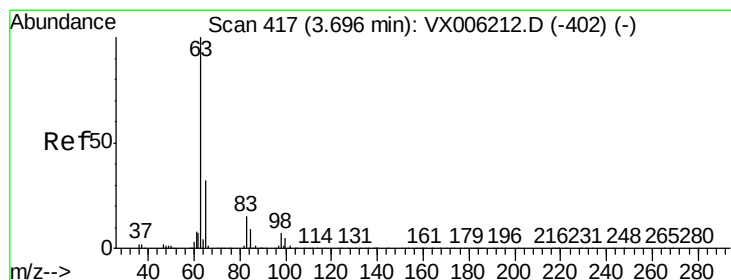
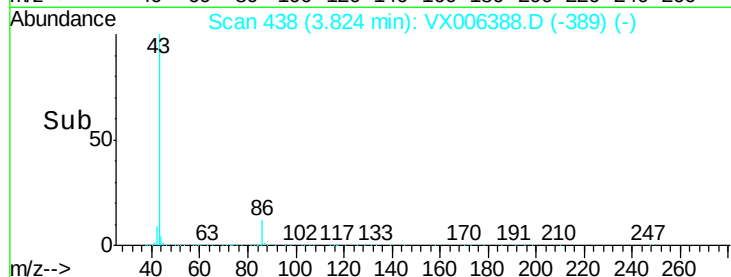
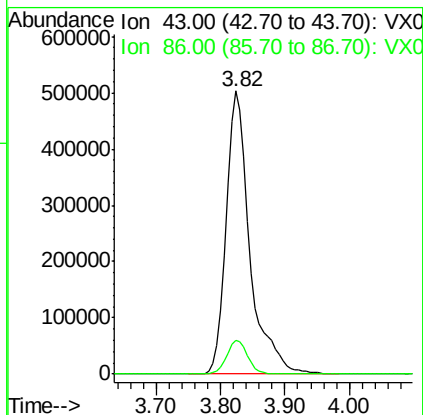
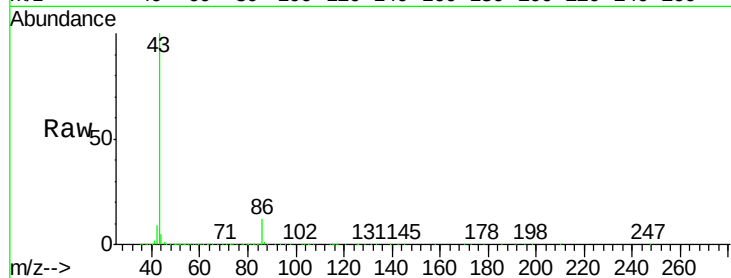
86 11.9 9.4 14.0

Manual Integrations

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12/11/2018 10:54:17 AM



#24

1,1-Dichloroethane

Concen: 20.075 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

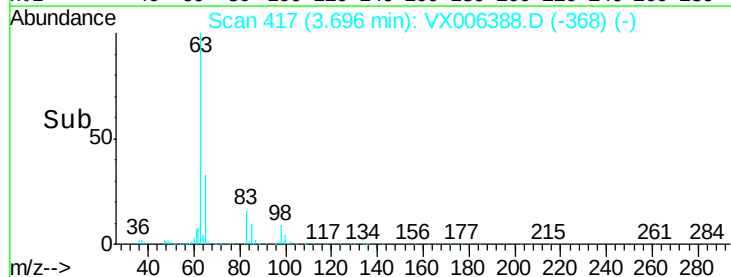
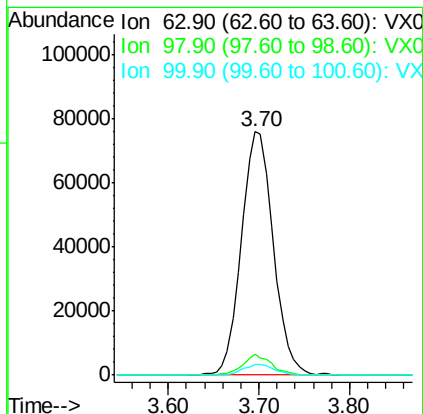
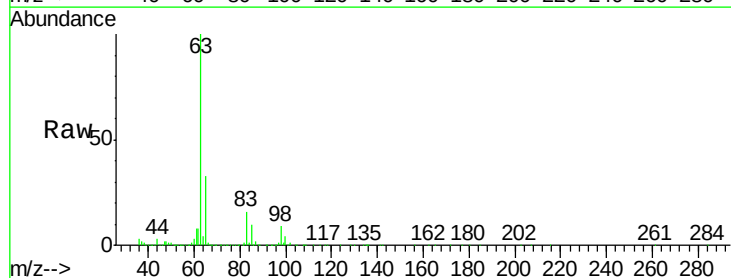
Tgt Ion: 63 Resp: 184655

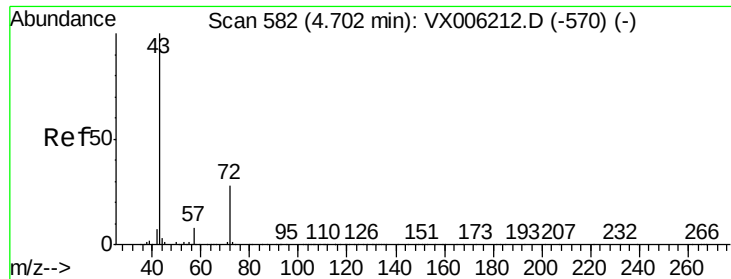
Ion Ratio Lower Upper

63 100

98 8.5 3.8 11.4

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 100.185 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 43 Resp: 394745

Ion Ratio Lower Upper

43 100

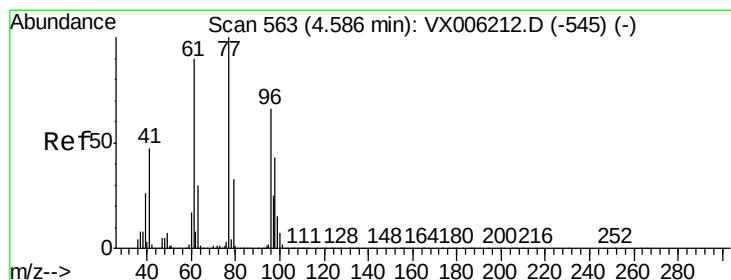
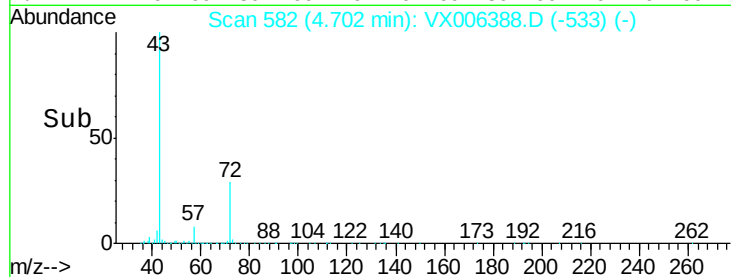
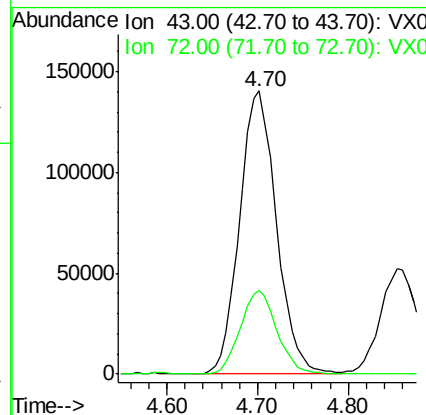
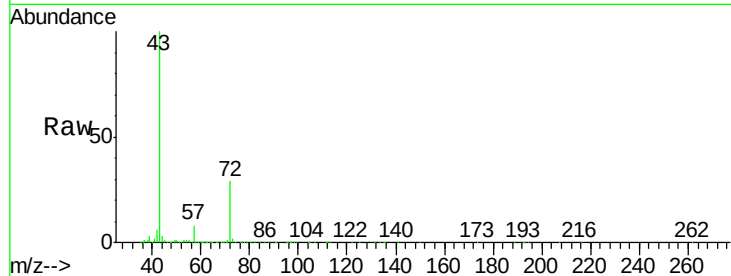
72 29.3 22.6 33.8

Manual Integrations

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12/11/2018 10:54:17 AM



#26

2,2-Dichloropropane

Concen: 15.821 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006388.D

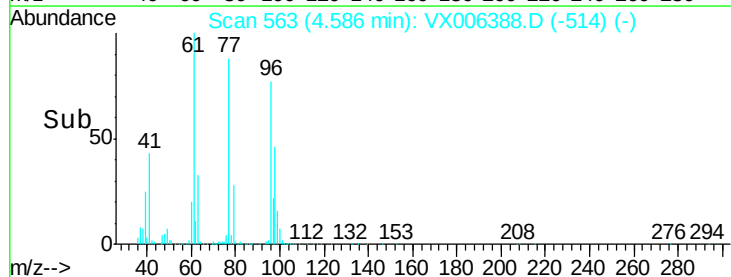
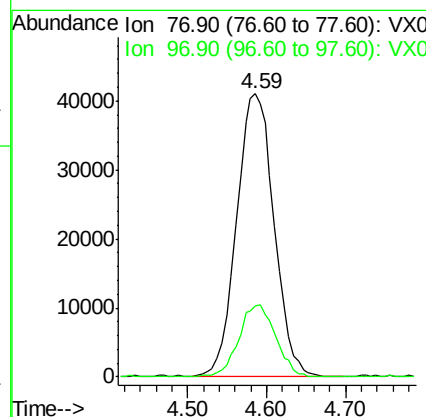
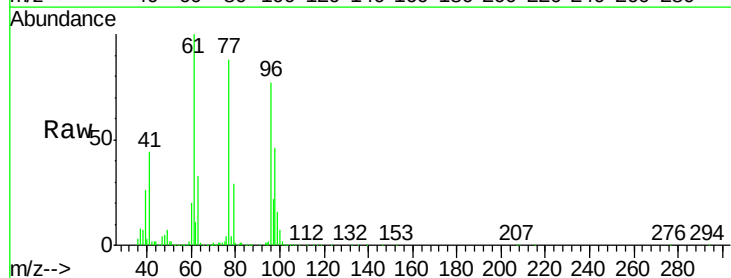
Acq: 11 Dec 2018 00:12

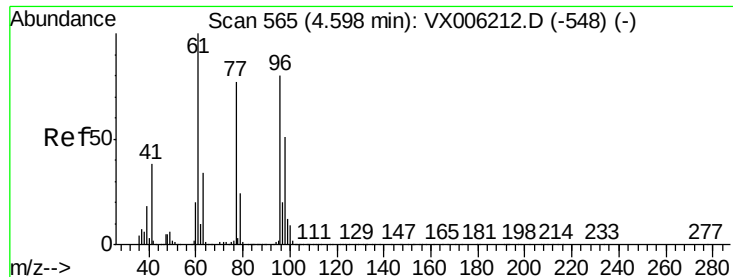
Tgt Ion: 77 Resp: 134306

Ion Ratio Lower Upper

77 100

97 25.5 12.3 36.8





#27

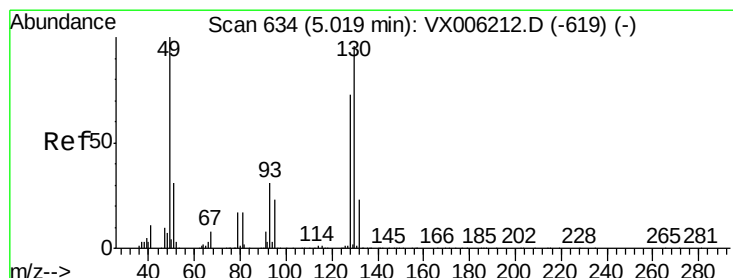
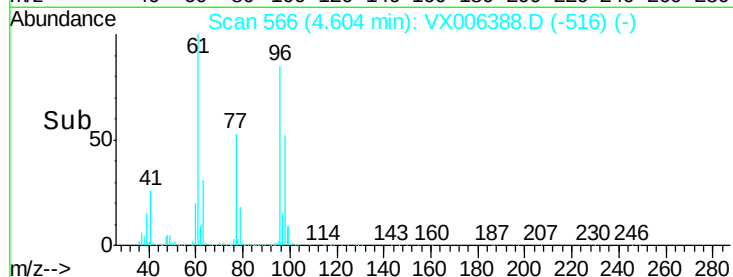
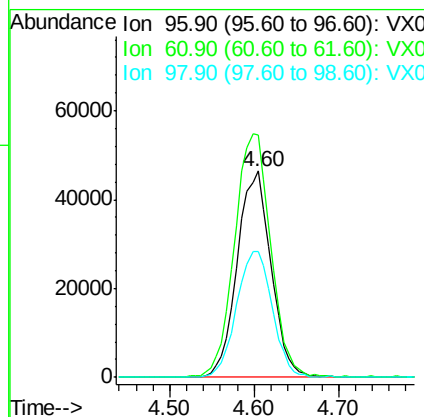
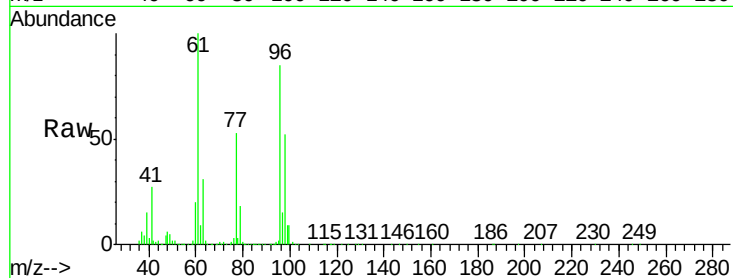
cis-1,2-Dichloroethene
Concen: 20.430 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126665		
61	126.2		0.0	265.0
98	64.1		0.0	130.2

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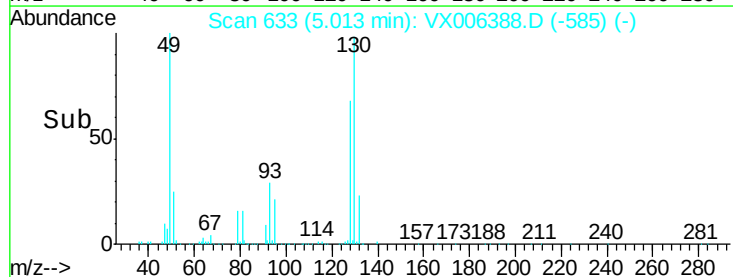
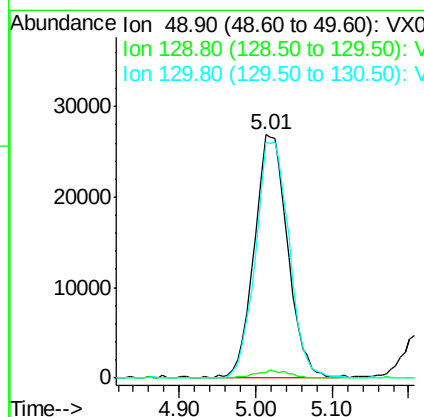
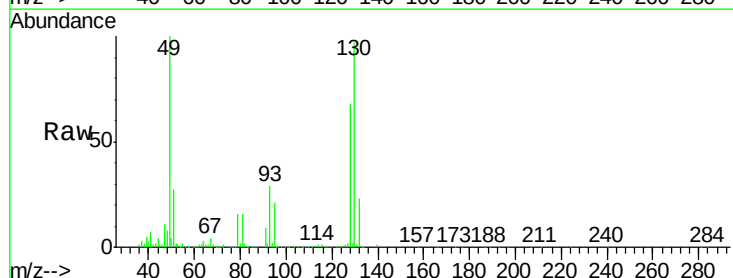
MMDadoda
12/11/2018 10:54:17 AM

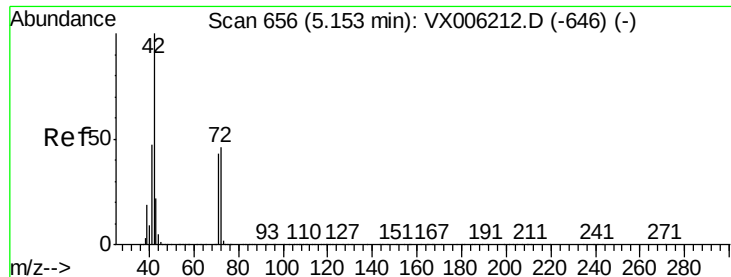


#28

Bromochloromethane
Concen: 20.410 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82003		
129	3.0		0.0	5.0
130	97.8		78.3	117.5





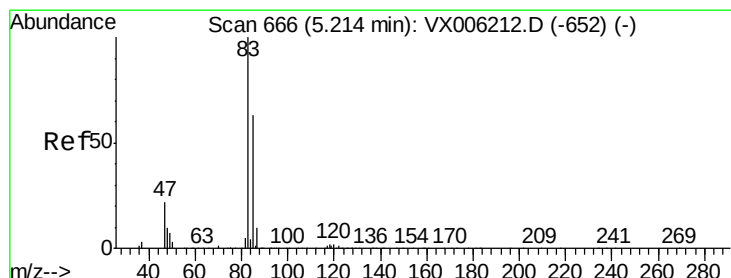
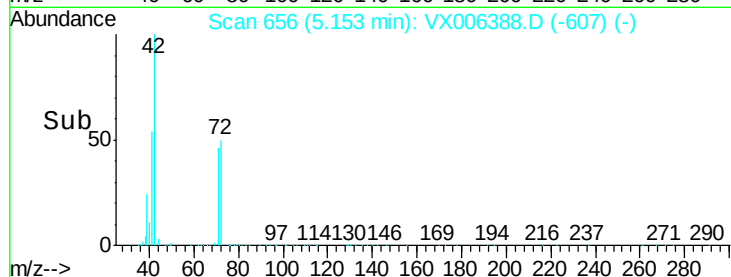
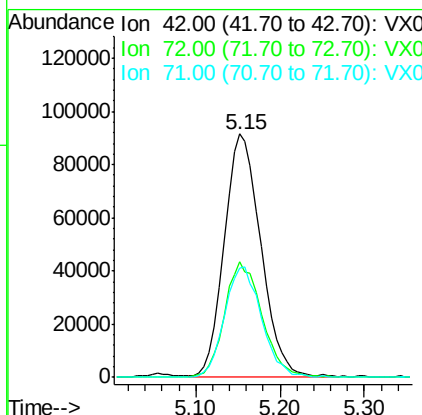
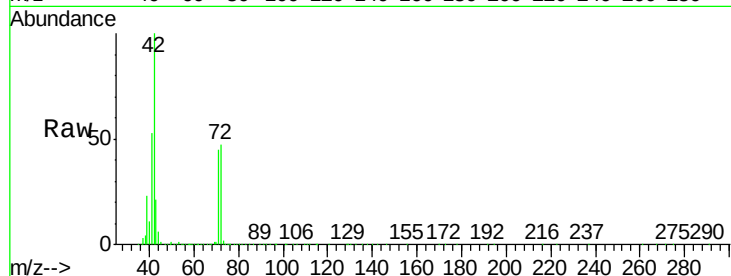
#29
Tetrahydrofuran
Concen: 98.090 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.8	56.8
71	46.2	35.2	52.8

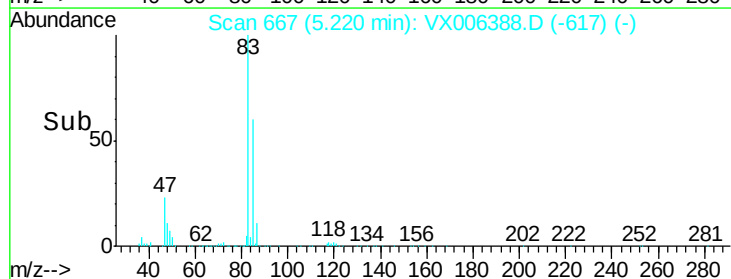
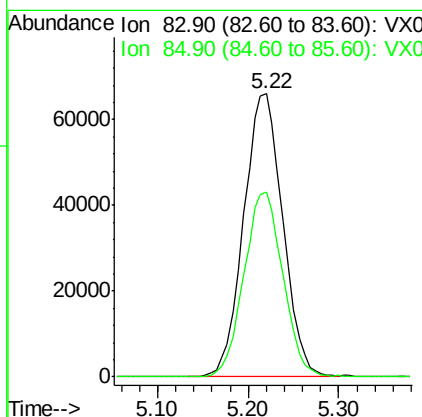
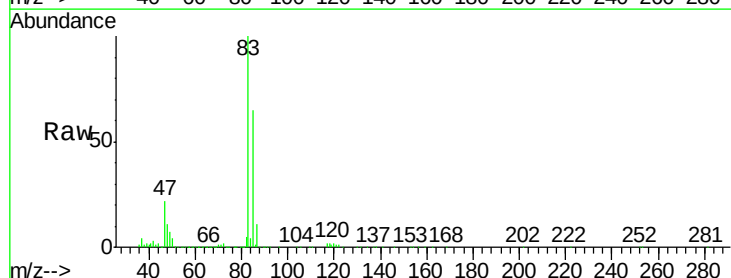
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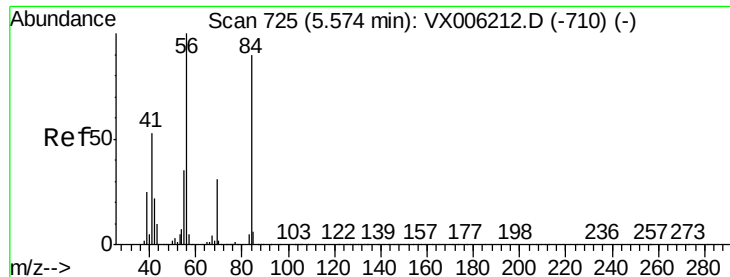
MMDadoda
12/11/2018 10:54:17 AM



#30
Chloroform
Concen: 20.411 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.3	75.5





#31

Cyclohexane

Concen: 18.074 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

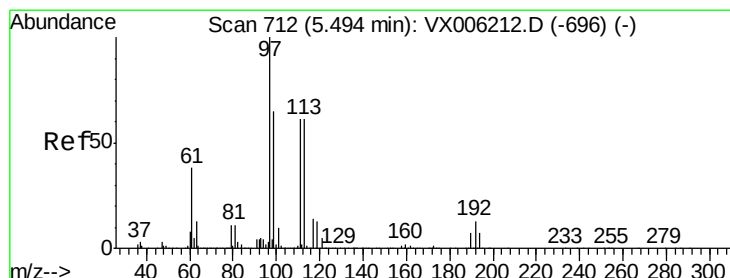
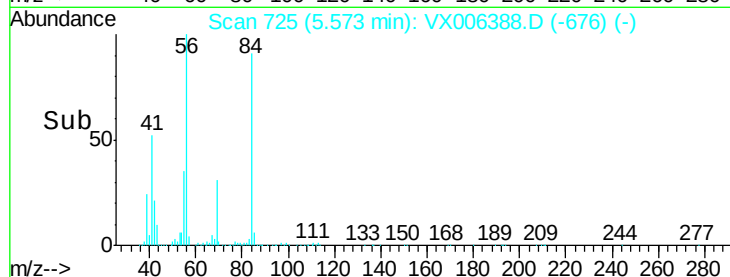
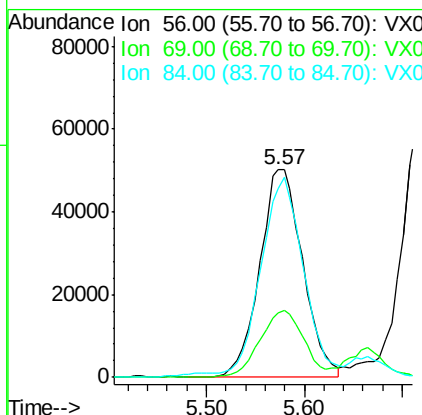
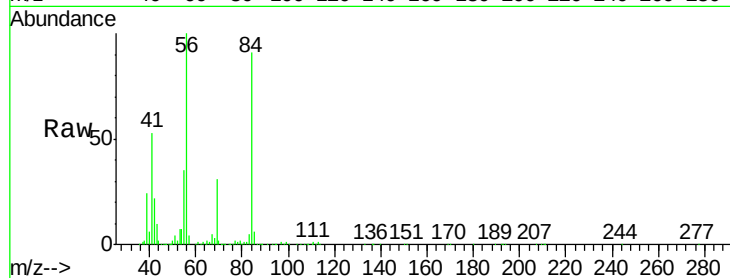
ClientSampleId :

VX1210WBS02

Tot Ion:	56	Resp:	153640
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.5	36.7
84	89.6	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 19.177 ug/l

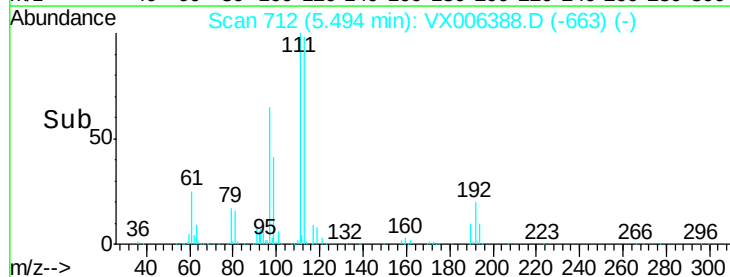
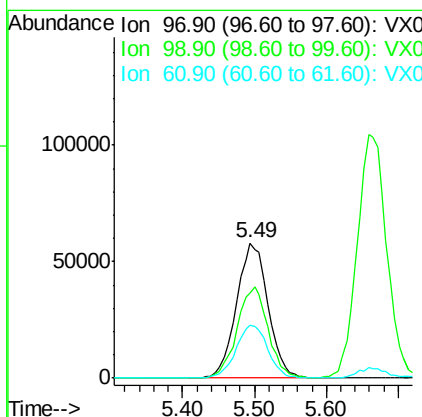
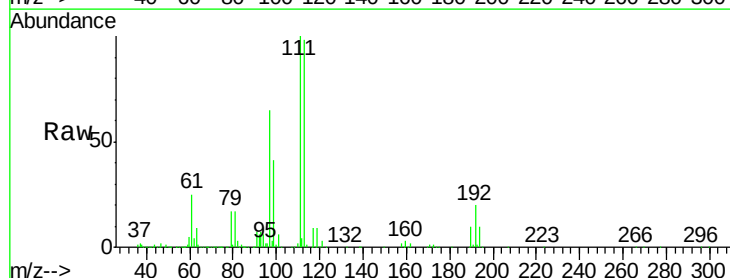
RT: 5.49 min Scan# 712

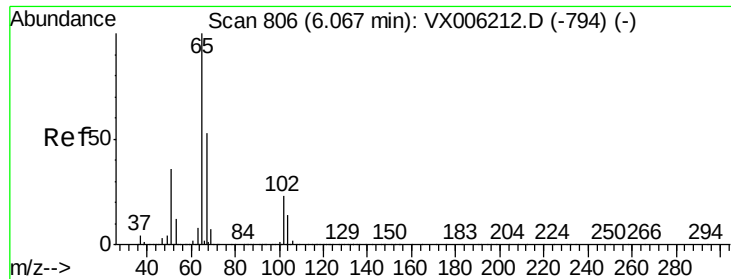
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	97	Resp:	176376
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.6	77.4
61	39.3	30.6	46.0





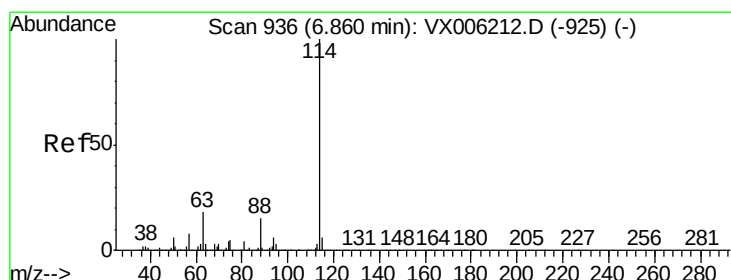
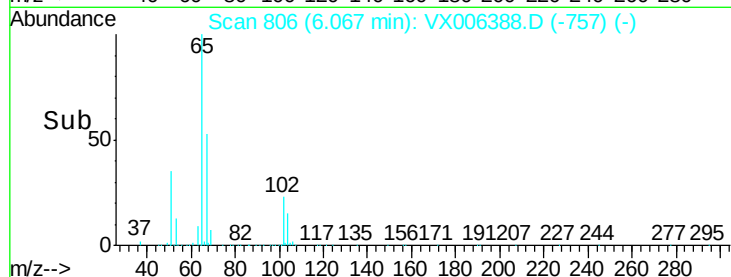
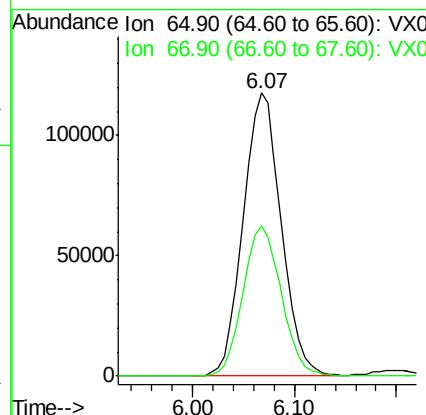
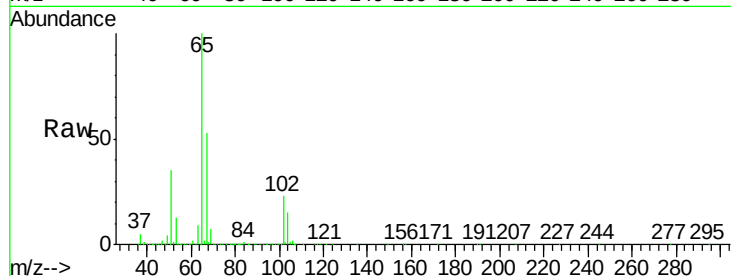
#33
 1,2-Dichloroethane-d4
 Concen: 51.825 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2

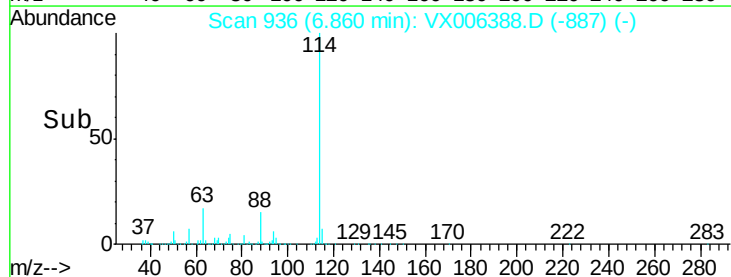
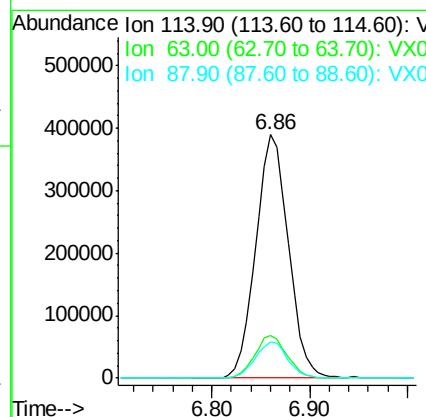
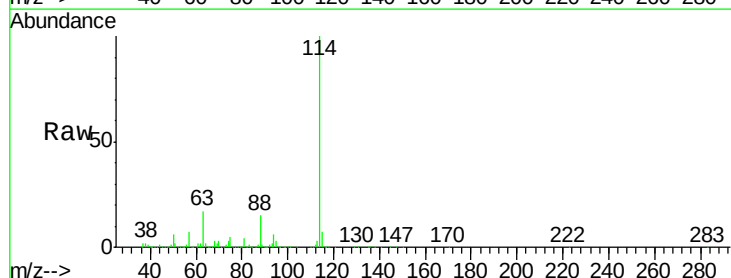
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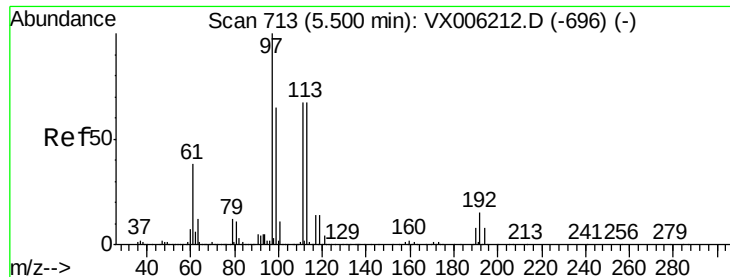
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 12/11/2018 10:54:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.6
88	15.1	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.317 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

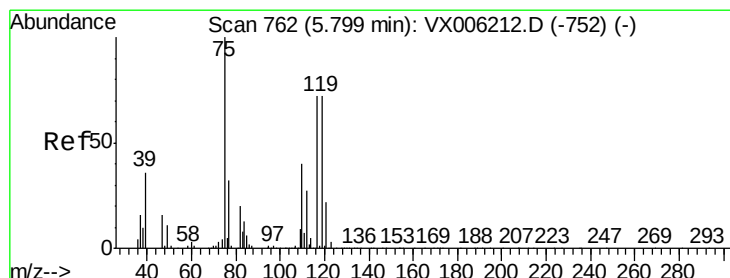
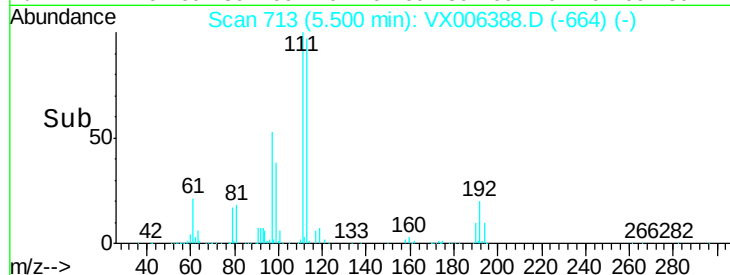
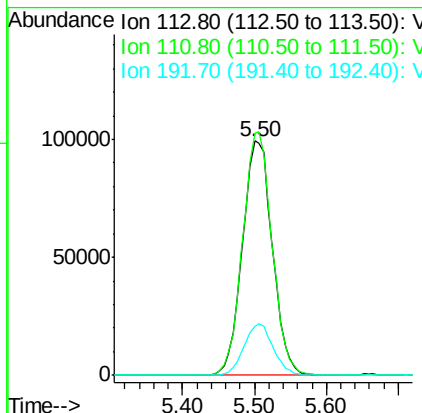
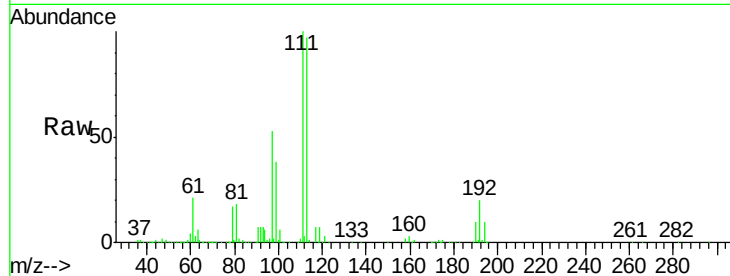
ClientSampleId :

VX1210WBS02

Tot Ion:	113	Resp:	287332
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.1	121.7
192	21.5	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.253 ug/l

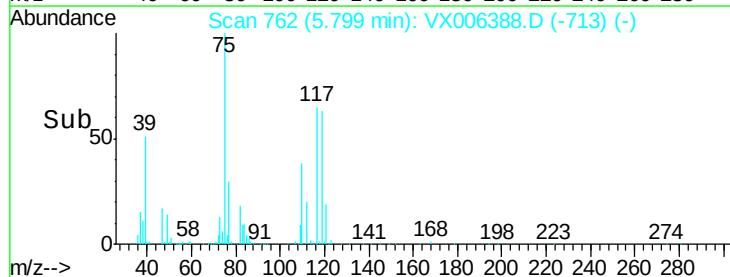
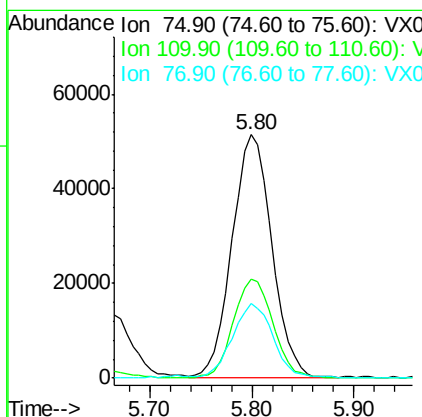
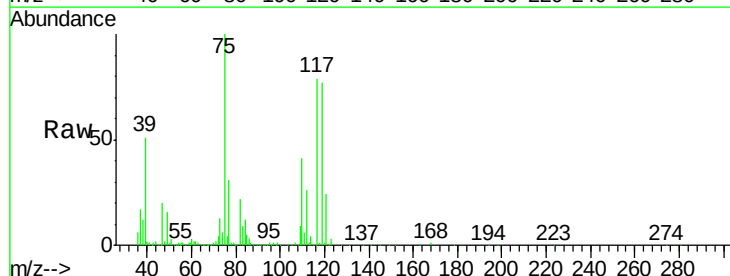
RT: 5.80 min Scan# 762

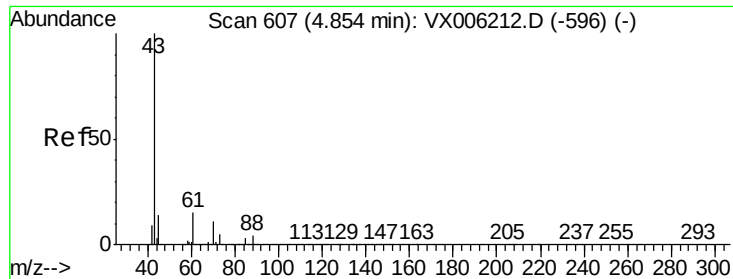
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	75	Resp:	138318
Ion Ratio	Lower	Upper	
75	100		
110	41.0	20.4	61.3
77	31.7	24.9	37.3





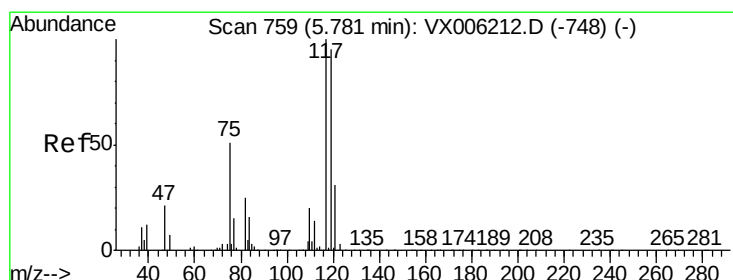
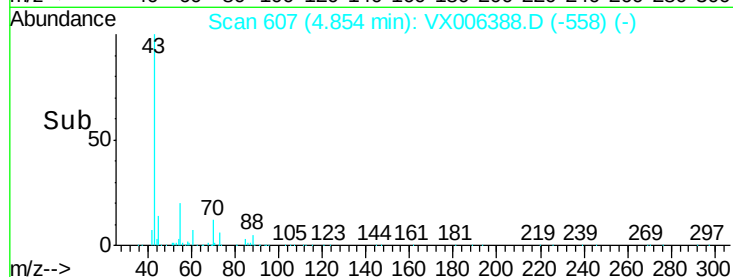
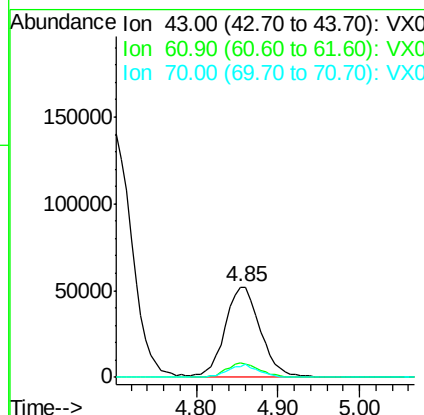
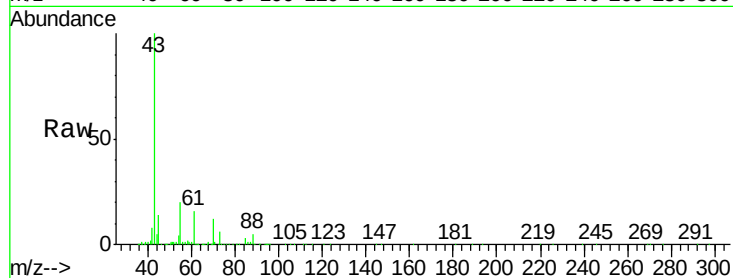
#37
Ethyl Acetate
Concen: 18.075 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	12.9	9.0	13.6

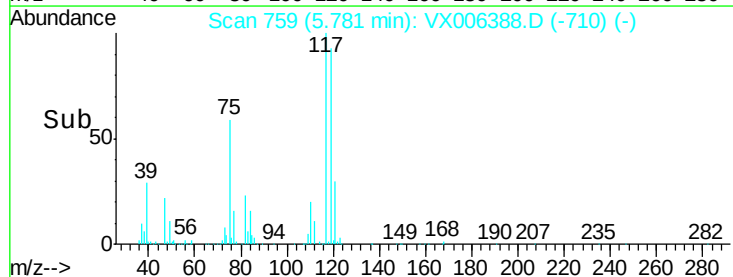
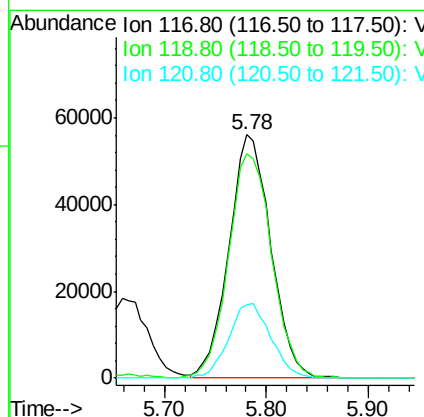
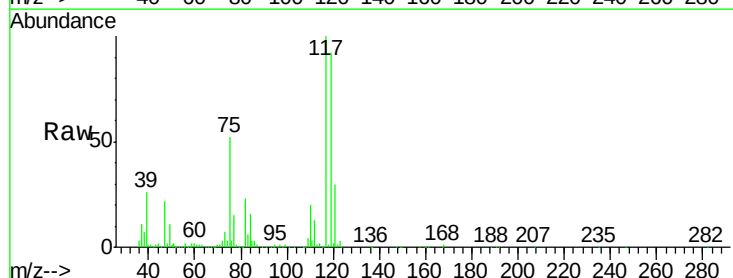
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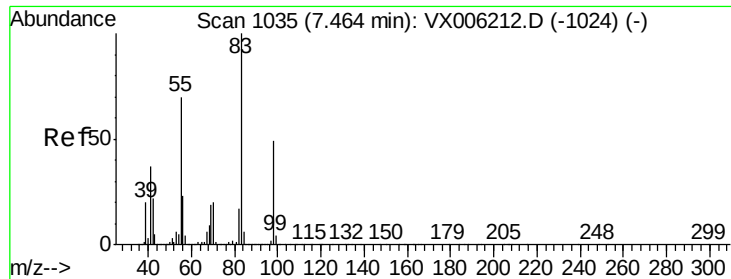
MMDadoda
12/11/2018 10:54:17 AM



#38
Carbon Tetrachloride
Concen: 17.940 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.8	113.8
121	30.0	24.6	37.0





#39

Methylvlcyclohexane

Concen: 17.206 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

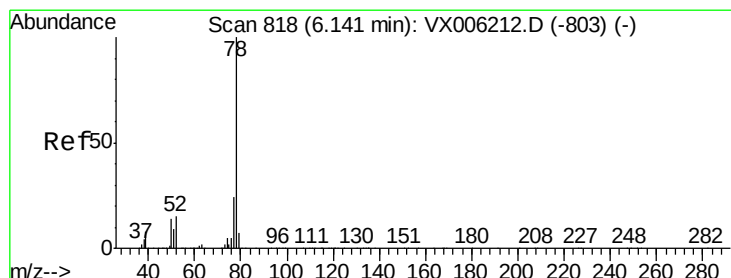
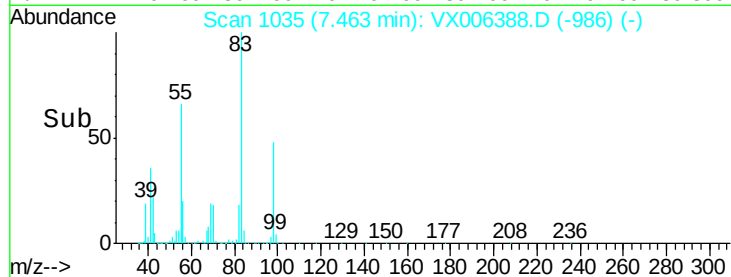
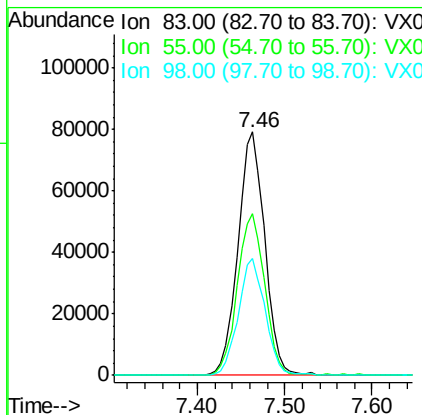
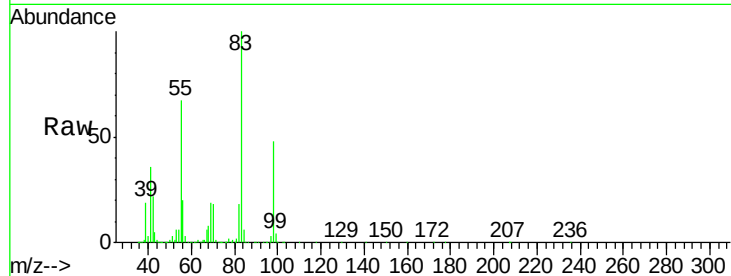
ClientSampleId :

VX1210WBS02

Tot Ion:	83	Resp:	169243
Ion	Ratio	Lower	Upper
83	100		
55	66.4	56.4	84.6
98	47.8	39.0	58.6

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#40

Benzene

Concen: 19.255 ug/l

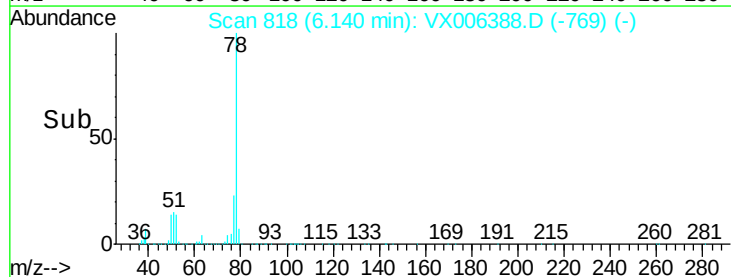
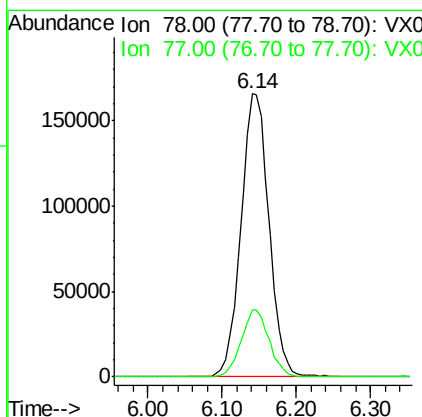
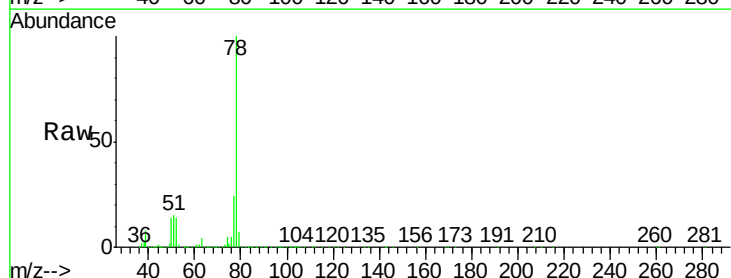
RT: 6.14 min Scan# 818

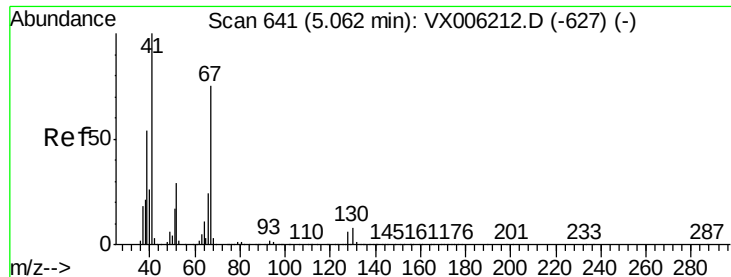
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	78	Resp:	437003
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 17.957 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

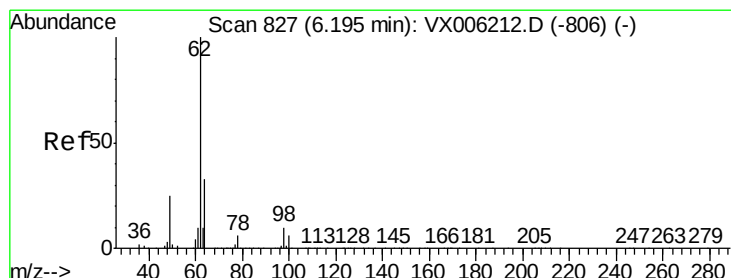
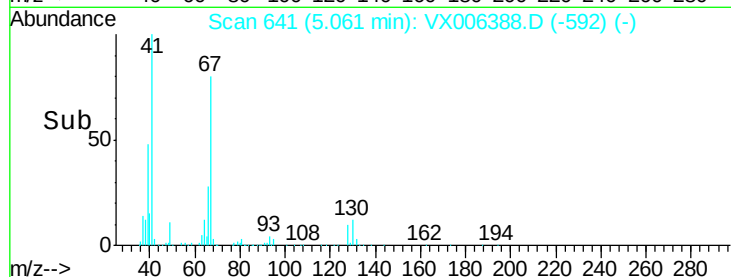
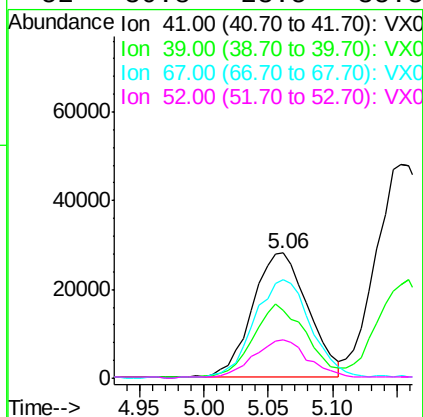
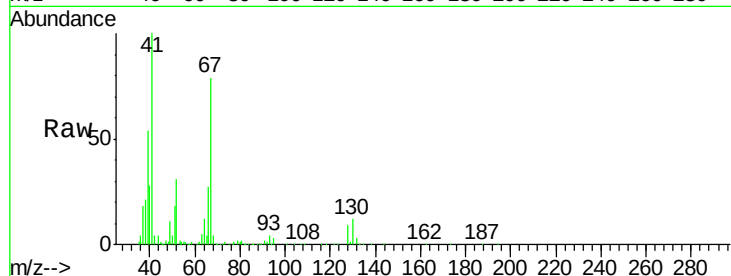
ClientSampleId :

VX1210WBS02

Tot Ion:	41	Resp:	83850
Ion Ratio	Lower	Upper	
41	100		
39	56.1	44.0	66.0
67	80.3	61.4	92.0
52	30.8	23.5	35.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.214 ug/l

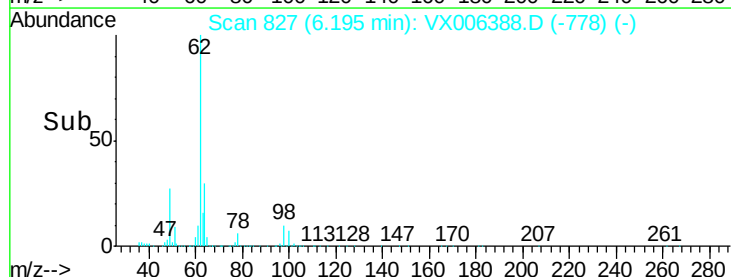
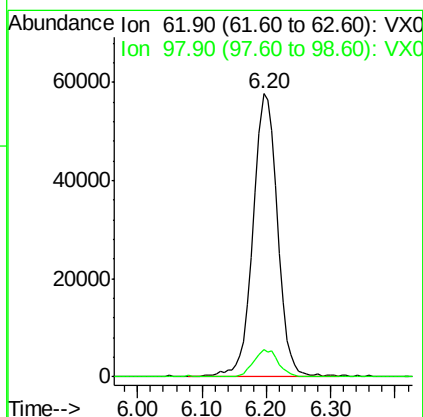
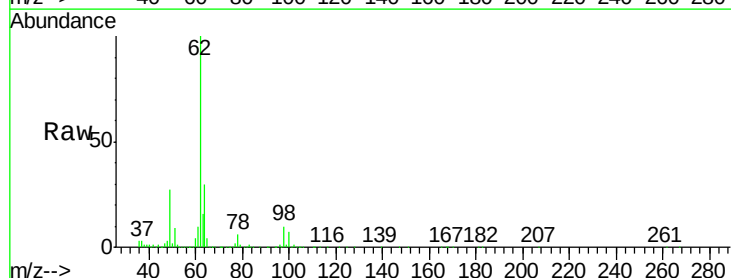
RT: 6.20 min Scan# 827

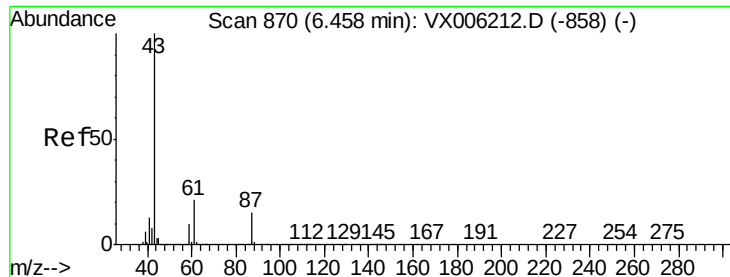
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	62	Resp:	150152
Ion Ratio	Lower	Upper	
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.633 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

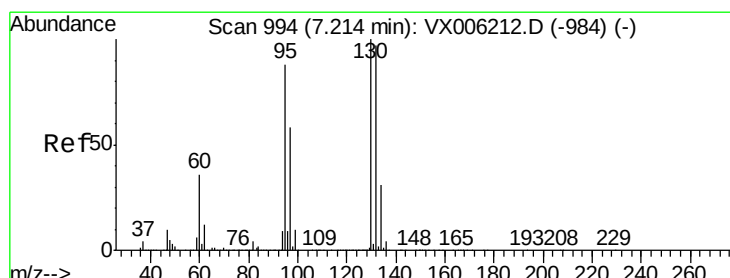
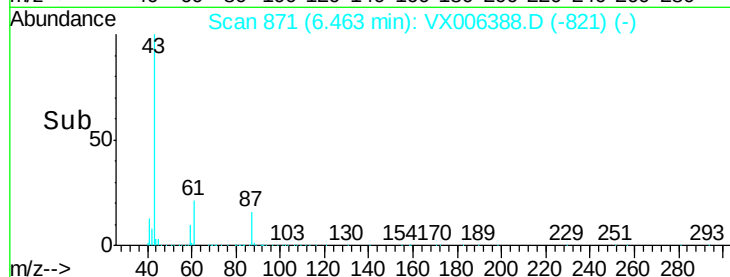
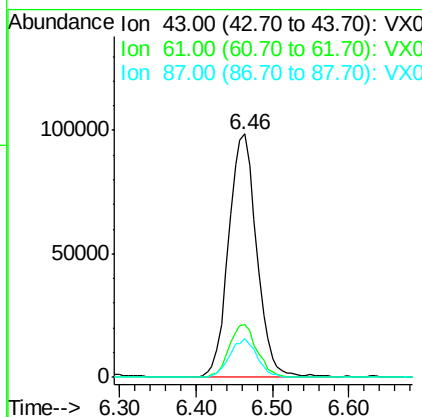
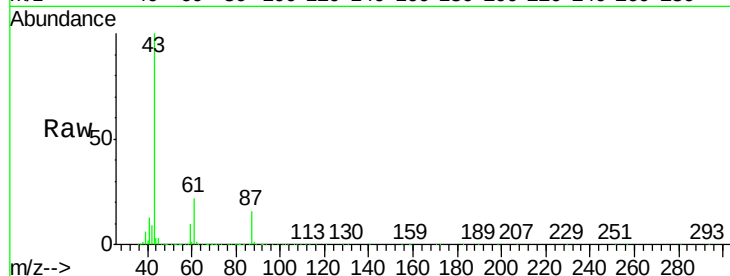
ClientSampleId :

VX1210WBS02

Tot Ion:	43	Resp:	249482
Ion Ratio	Lower	Upper	
43	100		
61	21.5	16.8	25.2
87	15.7	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 18.610 ug/l

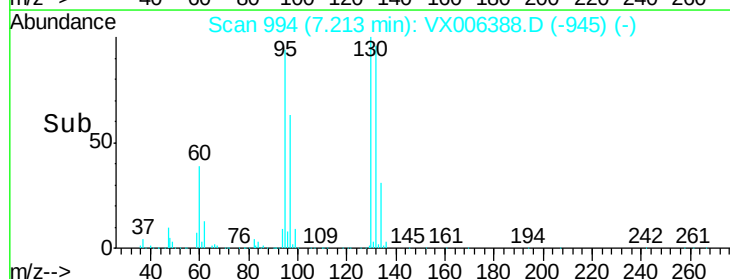
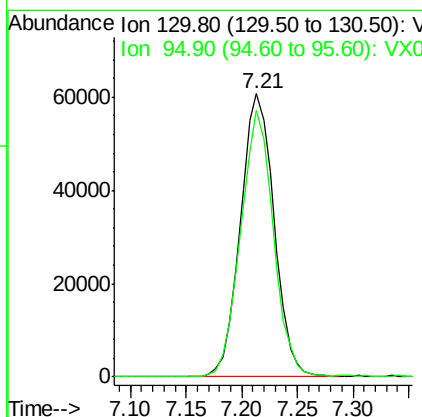
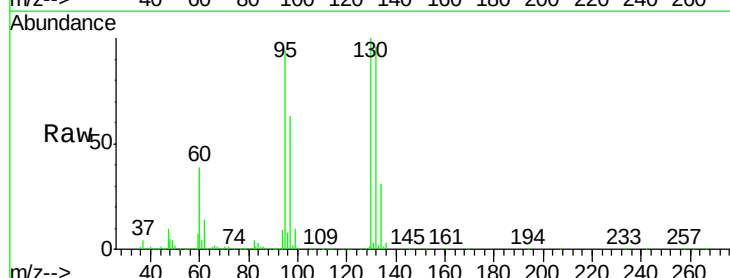
RT: 7.21 min Scan# 994

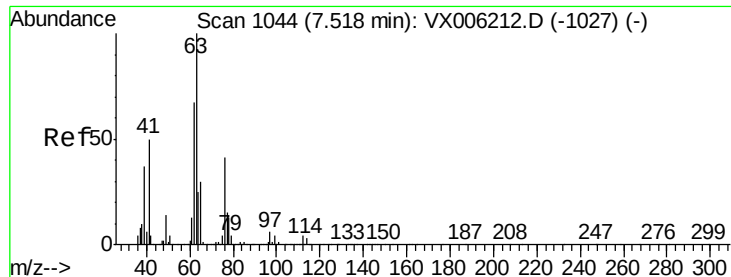
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	130	Resp:	127953
Ion Ratio	Lower	Upper	
130	100		
95	94.1	0.0	175.8





#45

1,2-Dichloropropane

Concen: 18.924 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 63 Resp: 109157

Ion Ratio Lower Upper

63 100

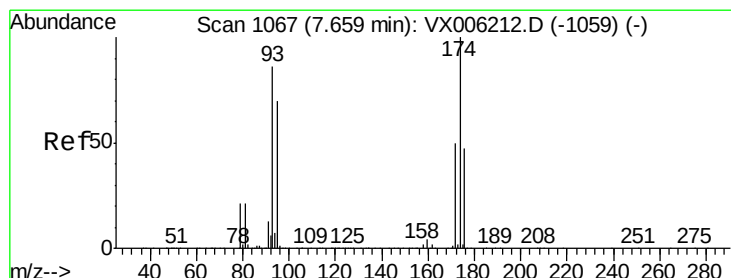
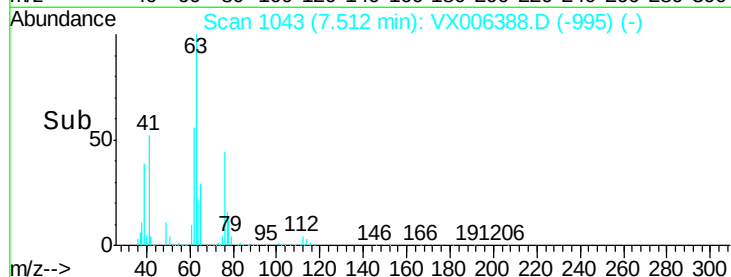
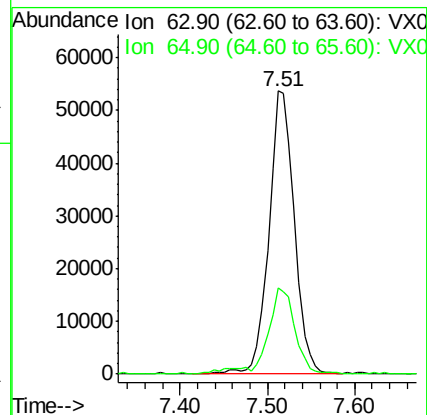
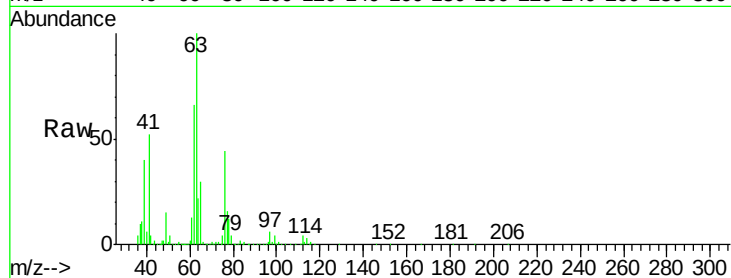
65 30.2 24.3 36.5

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#46

Dibromomethane

Concen: 18.973 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

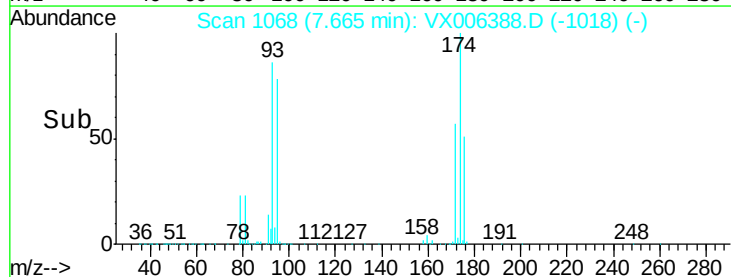
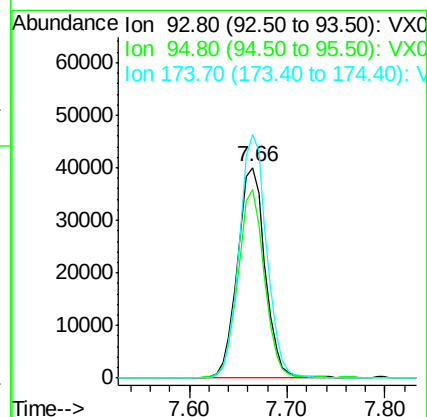
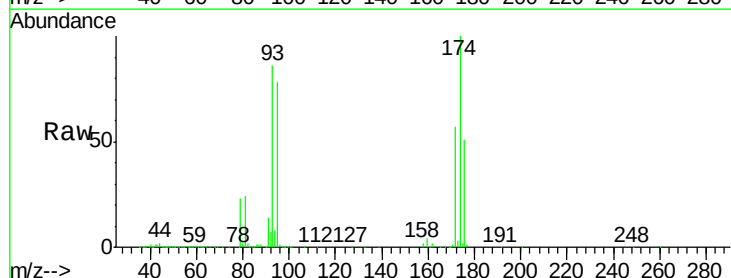
Tgt Ion: 93 Resp: 79041

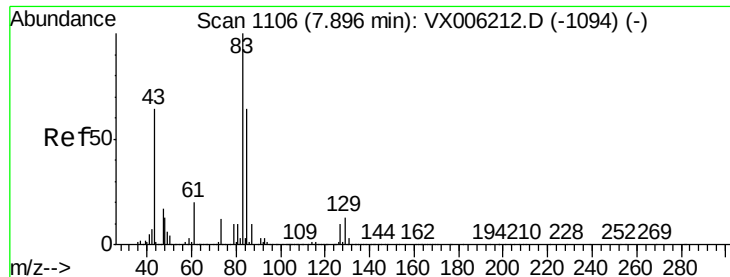
Ion Ratio Lower Upper

93 100

95 85.6 66.2 99.4

174 114.1 97.2 145.8





#47

Bromodichloromethane

Concen: 18.090 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

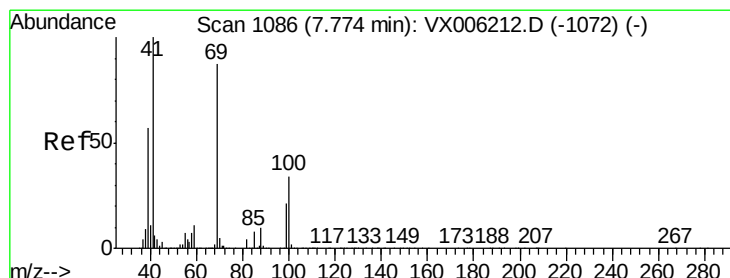
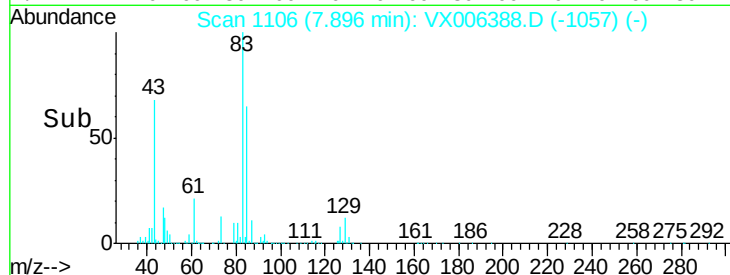
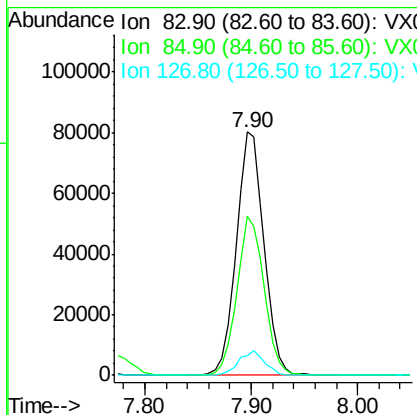
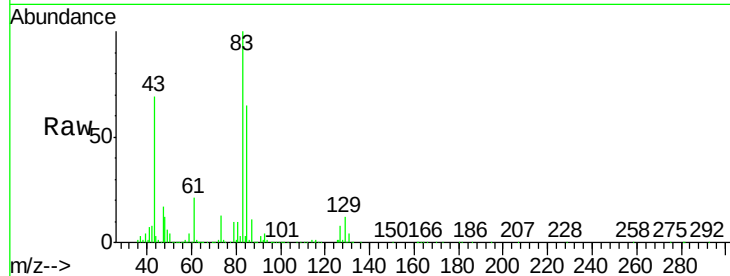
ClientSampleId :

VX1210WBS02

Tot Ion:	83	Resp:	145940
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0
127	8.1	7.9	11.9

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#48

Methyl methacrylate

Concen: 18.018 ug/l

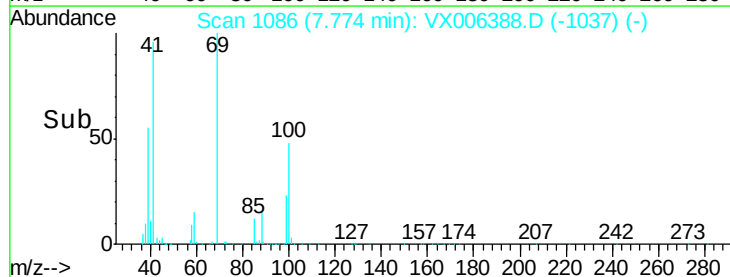
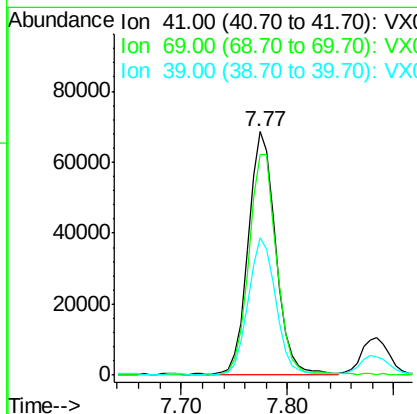
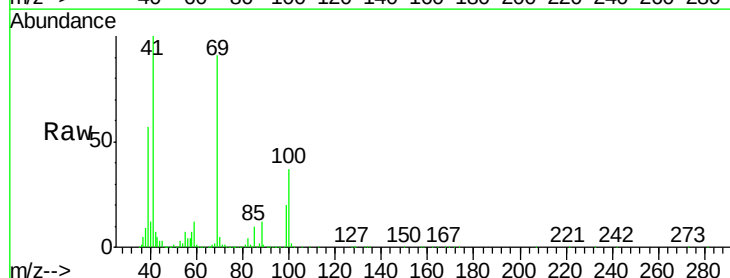
RT: 7.77 min Scan# 1086

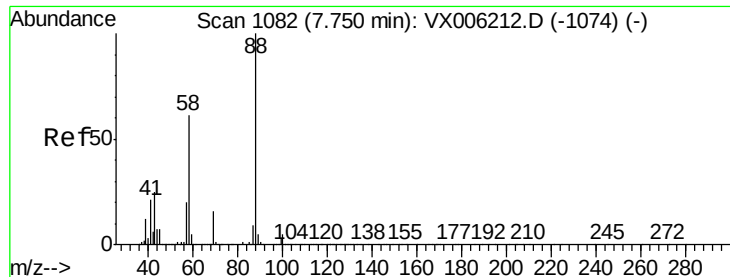
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	41	Resp:	124022
Ion	Ratio	Lower	Upper
41	100		
69	91.9	70.3	105.5
39	56.5	45.3	67.9





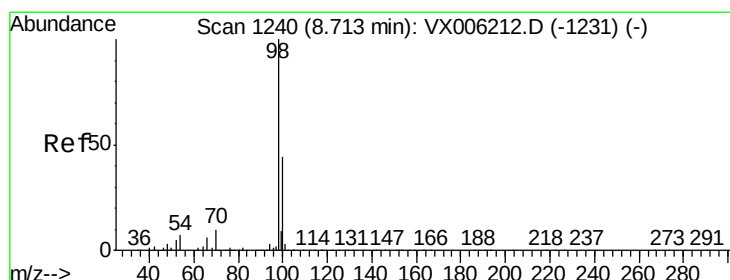
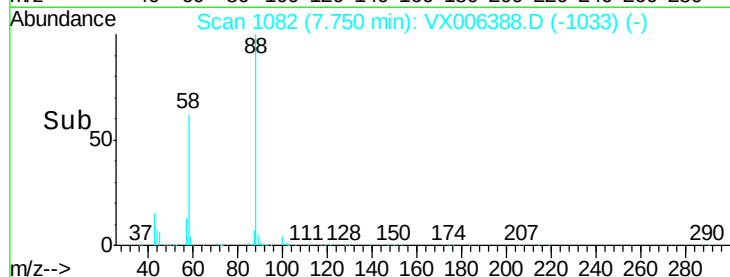
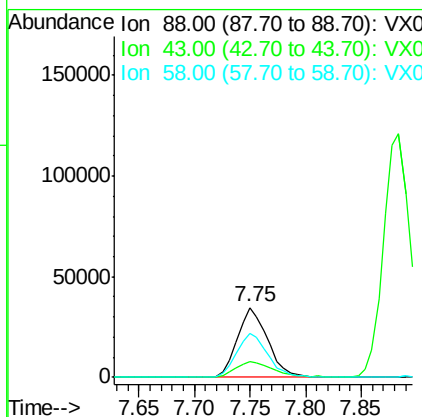
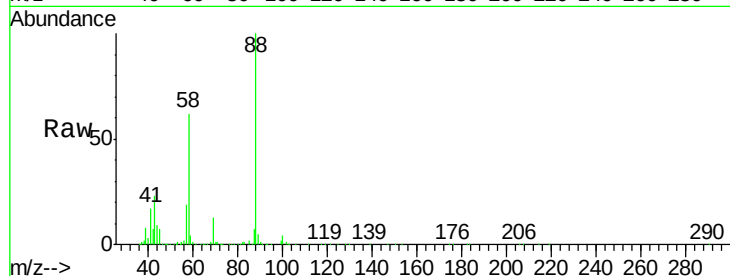
#49
1,4-Dioxane
Concen: 387.636 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	65.4	51.4	77.0

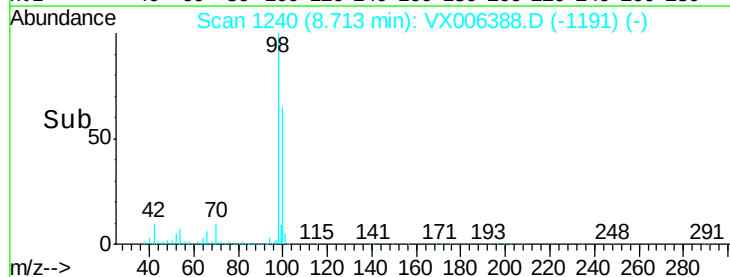
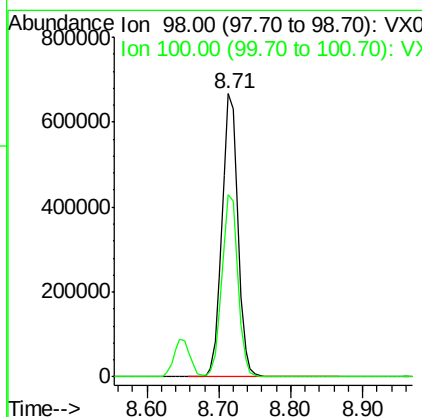
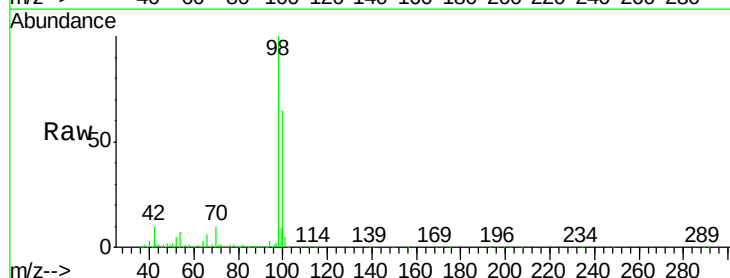
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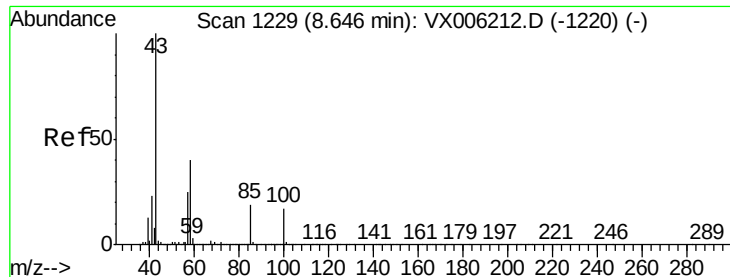
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#50
Toluene-d8
Concen: 48.615 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 94.757 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 43 Resp: 780478

Ion Ratio Lower Upper

43 100

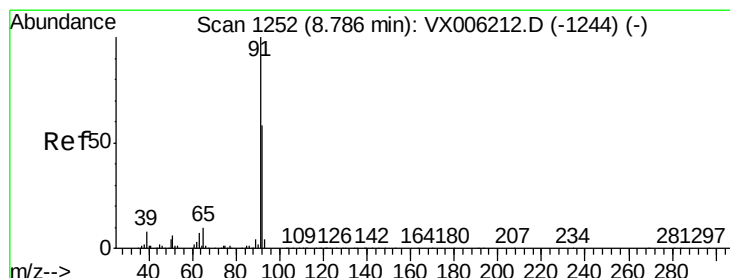
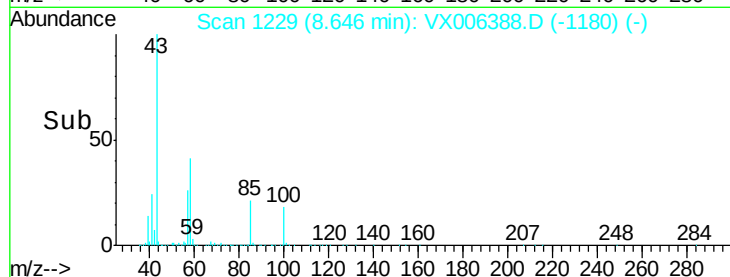
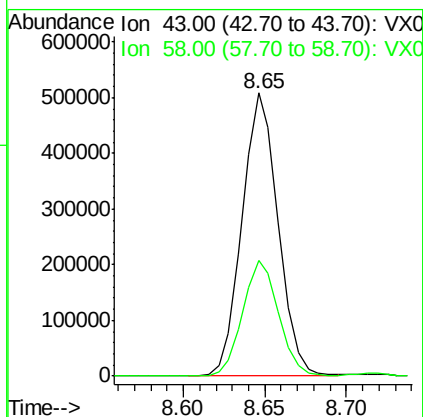
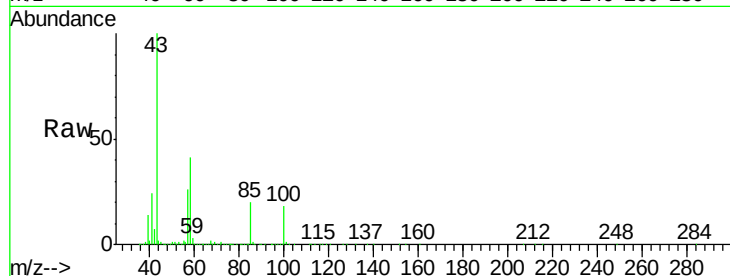
58 40.8 31.3 46.9

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#52

Toluene

Concen: 19.139 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006388.D

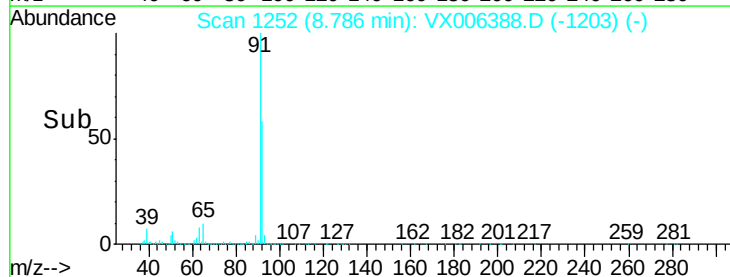
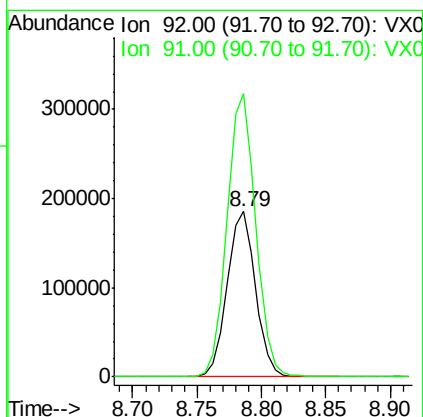
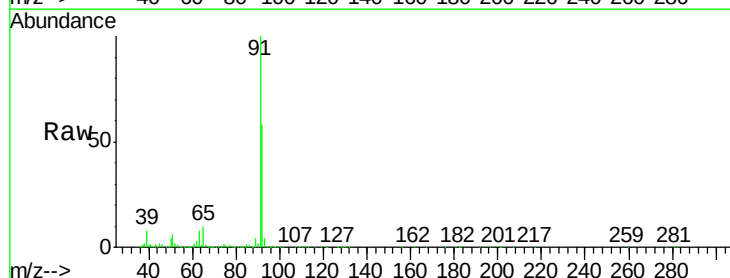
Acq: 11 Dec 2018 00:12

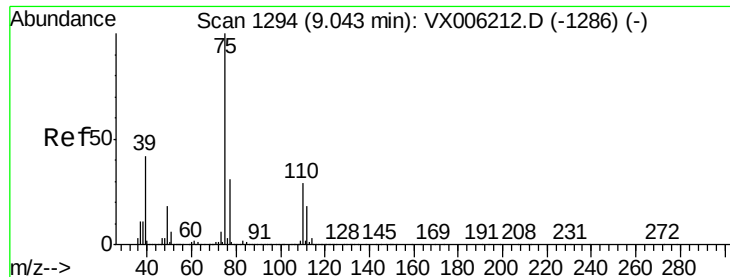
Tgt Ion: 92 Resp: 285781

Ion Ratio Lower Upper

92 100

91 173.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 16.160 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 75 Resp: 152466

Ion Ratio Lower Upper

75 100

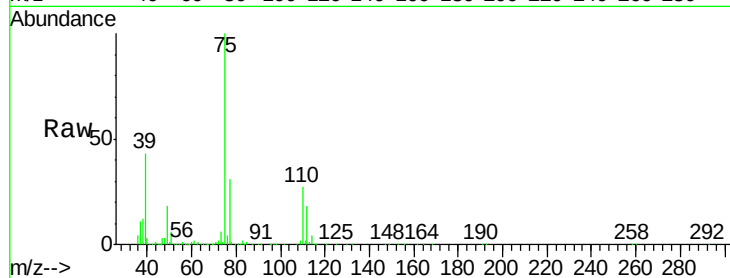
77 31.1 25.0 37.4

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

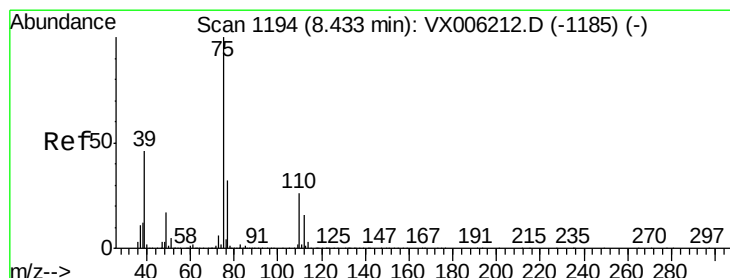
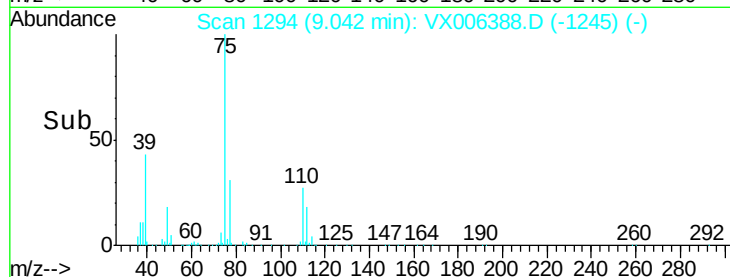
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 16.995 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

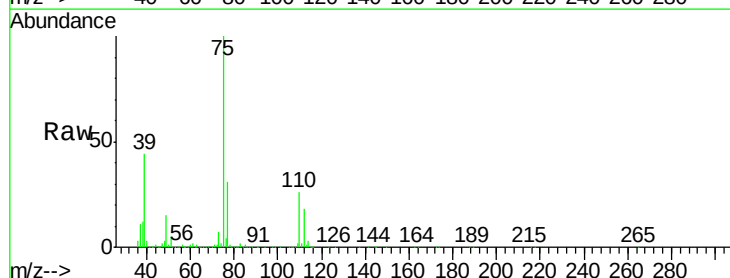
Tgt Ion: 75 Resp: 166502

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 43.7 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

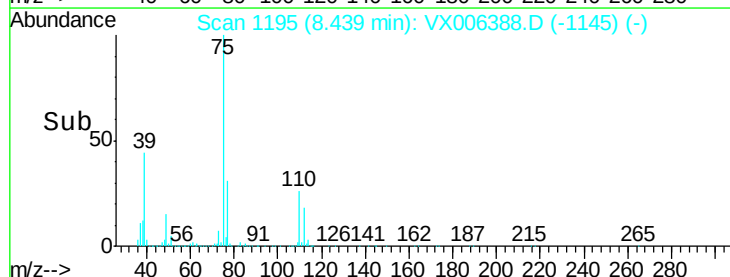
8.44

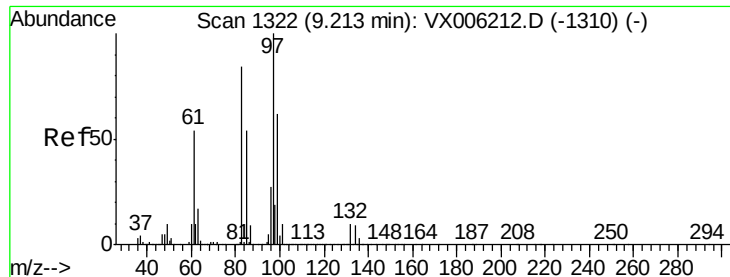
100000

50000

0

Time--> 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 19.782 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

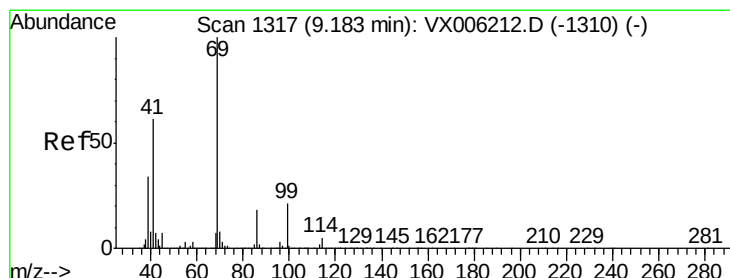
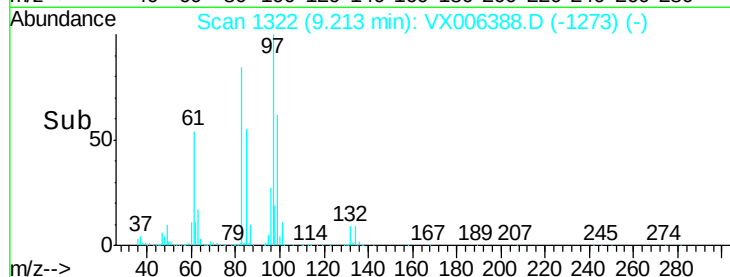
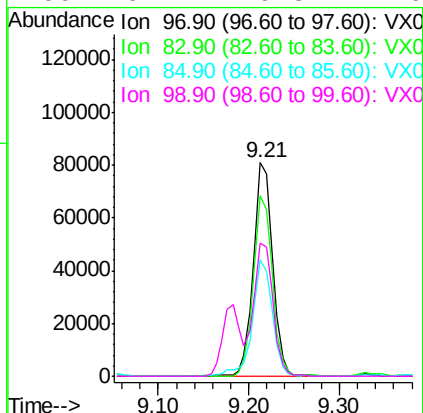
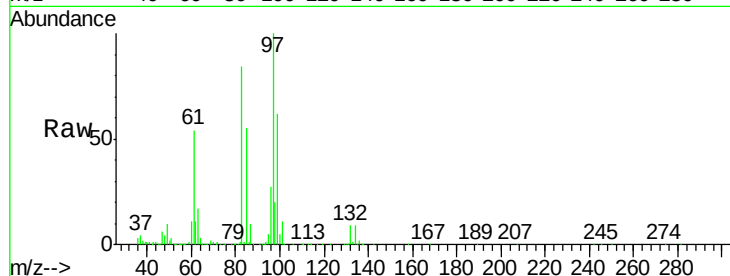
ClientSampleId :

VX1210WBS02

Tot Ion:	97	Resp:	119998
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	54.6	43.2	64.8
99	62.1	49.8	74.6

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#56

Ethyl methacrylate

Concen: 18.993 ug/l

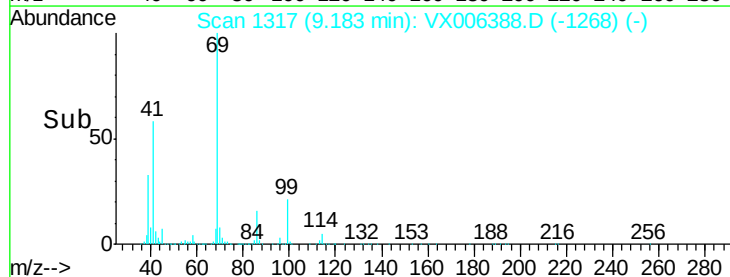
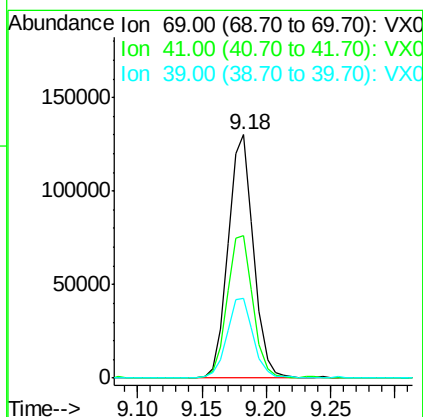
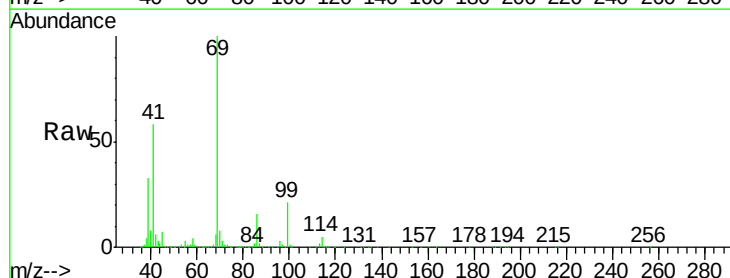
RT: 9.18 min Scan# 1317

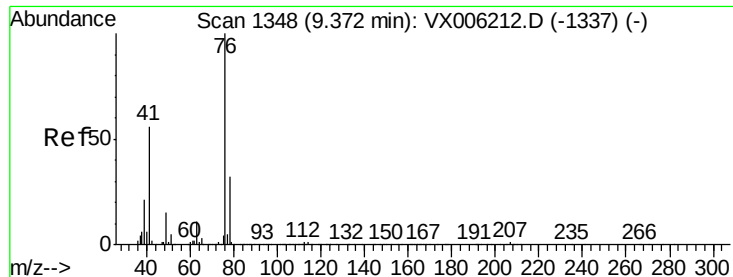
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	69	Resp:	180115
Ion	Ratio	Lower	Upper
69	100		
41	58.9	50.6	76.0
39	33.3	27.6	41.4





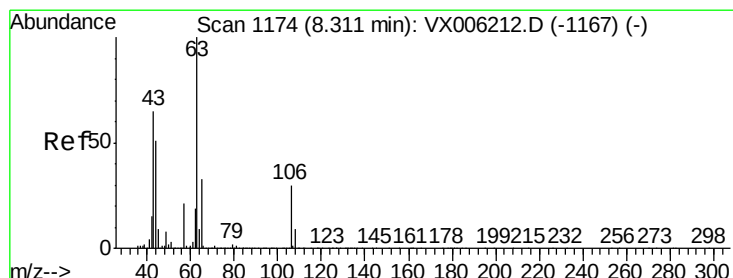
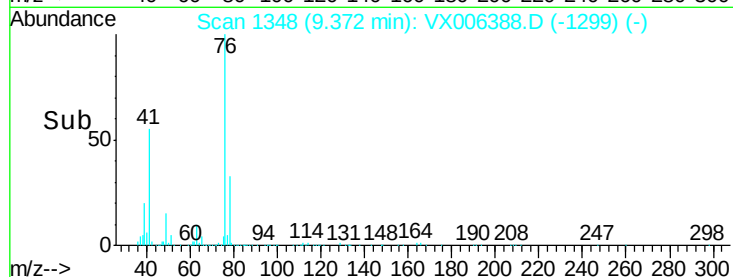
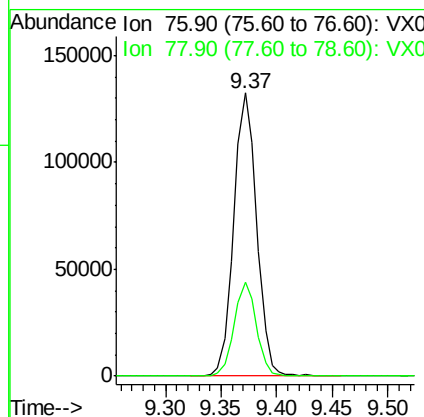
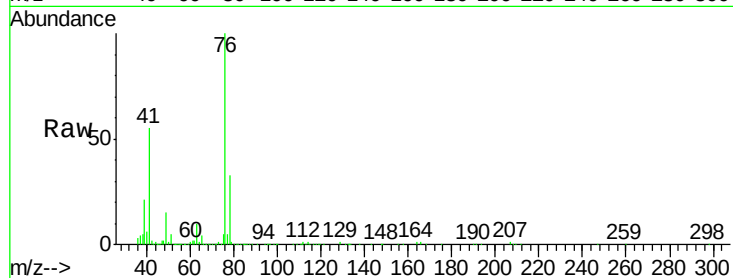
#57
 1,3-Dichloropropane
 Concen: 19.680 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

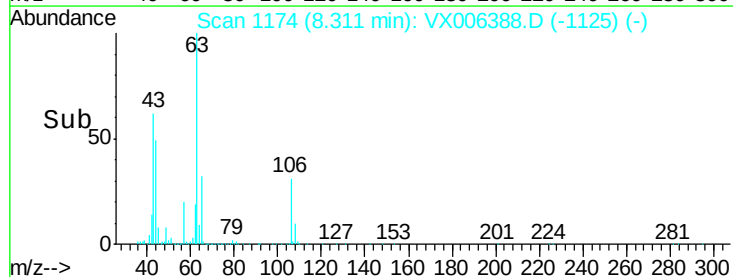
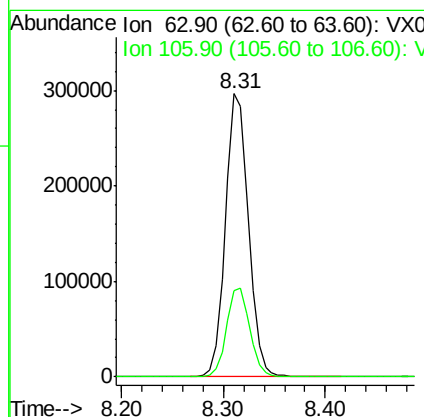
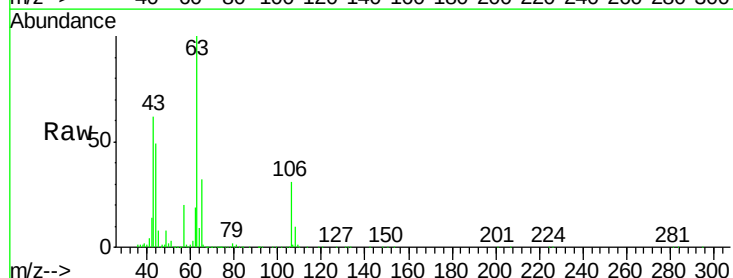
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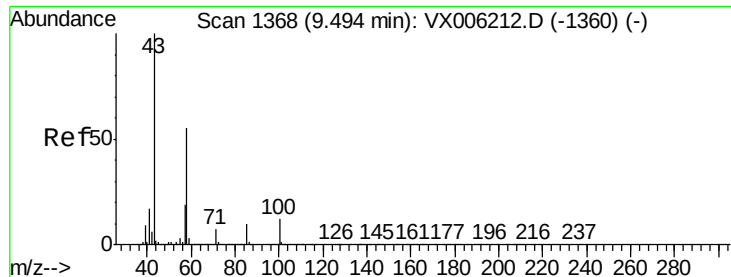
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.367 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.9	37.3





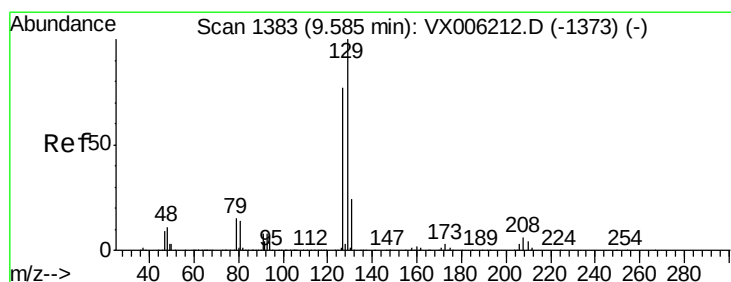
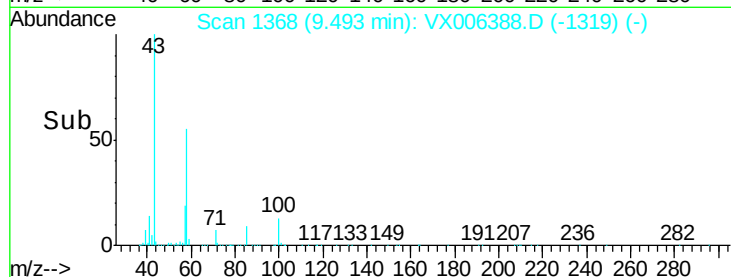
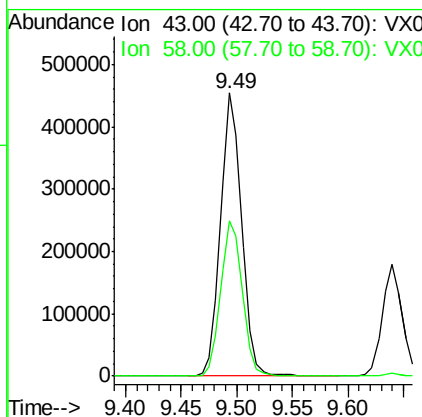
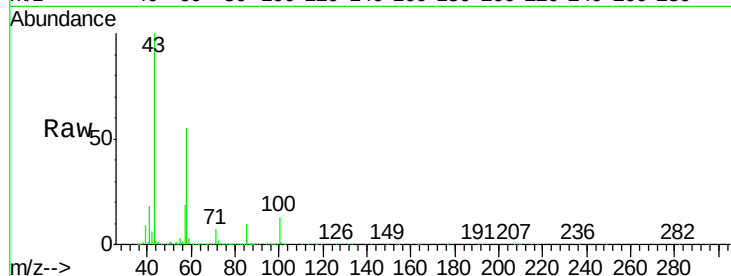
#59
2-Hexanone
Concen: 94.774 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion: 43 Resp: 596390
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1

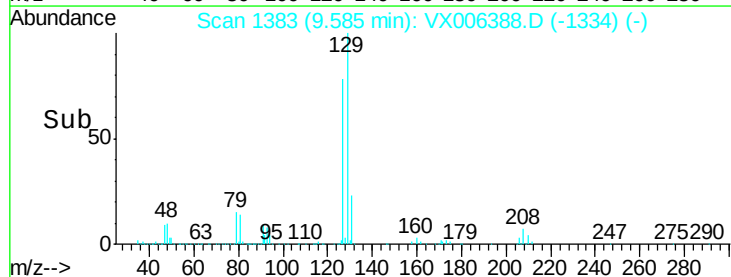
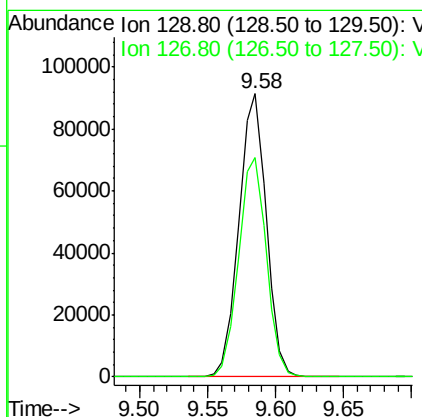
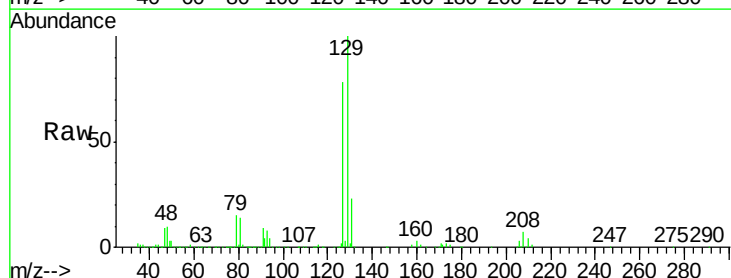
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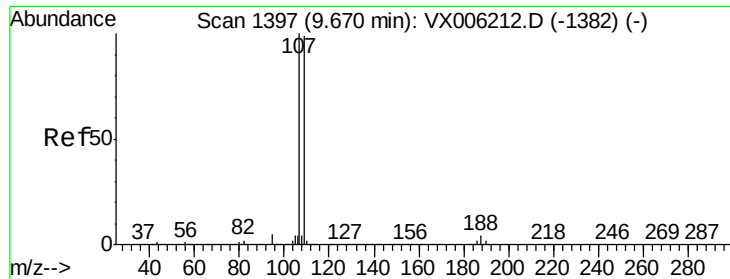
MMDadoda
12/11/2018 10:54:17 AM



#60
Dibromochloromethane
Concen: 17.189 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion: 129 Resp: 128574
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





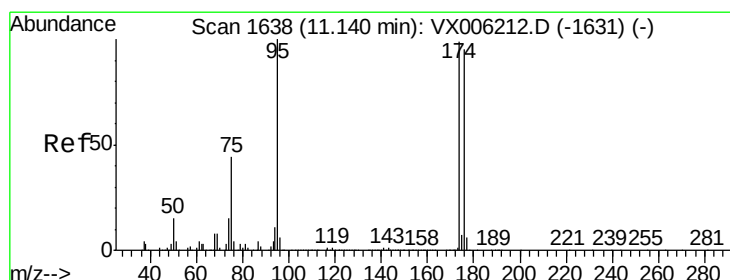
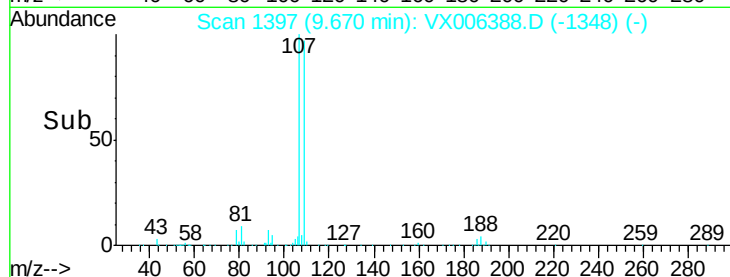
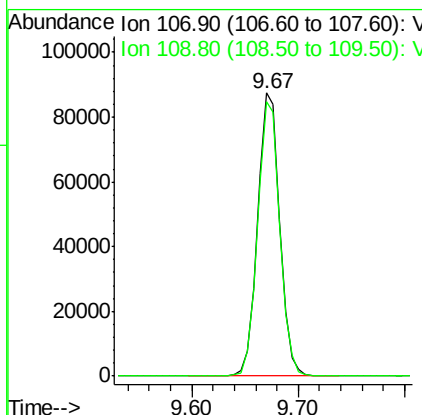
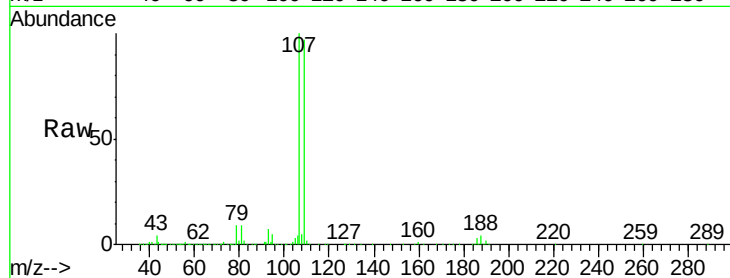
#61
 1,2-Dibromoethane
 Concen: 18.768 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.7	76.3	114.5

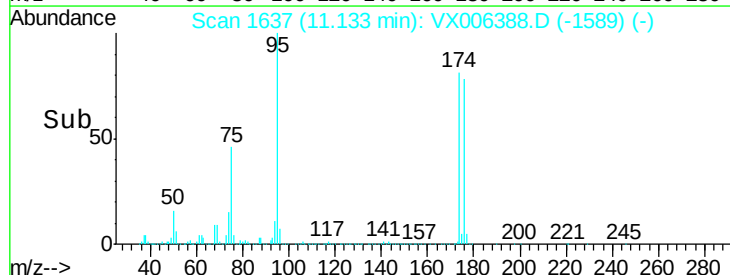
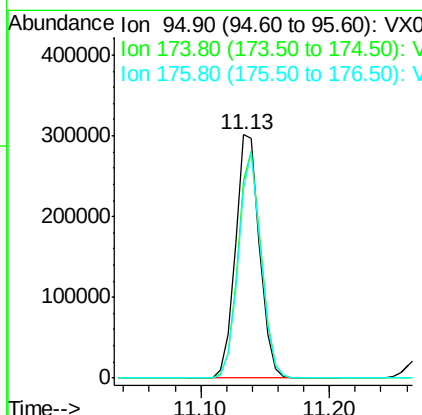
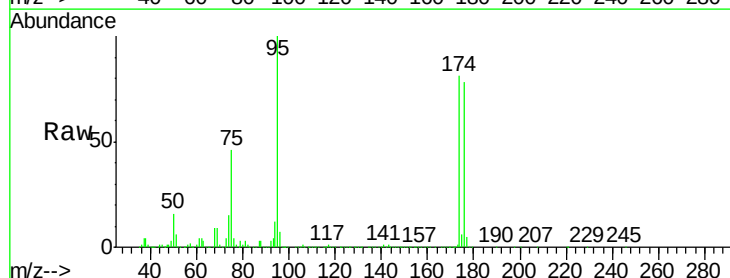
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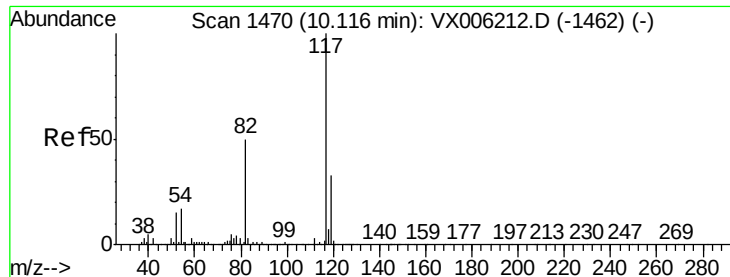
MMDadoda
 12/11/2018 10:54:17 AM



#62
 4-Bromofluorobenzene
 Concen: 49.159 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	187.0
176	86.2	0.0	181.8





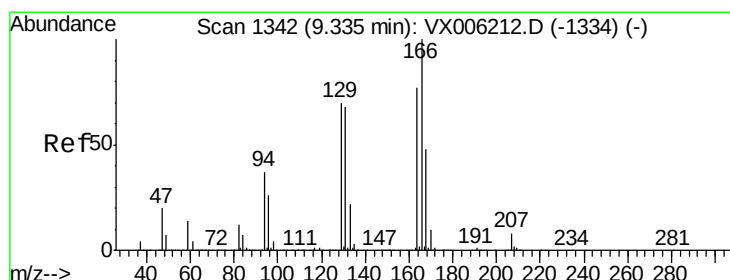
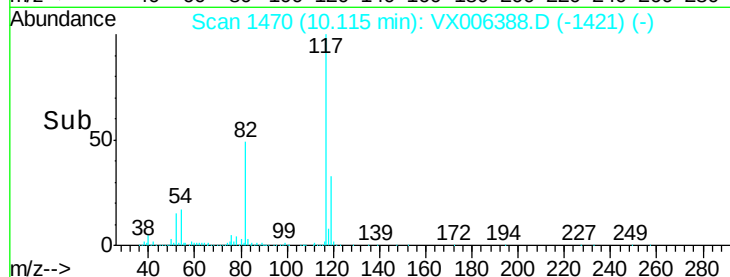
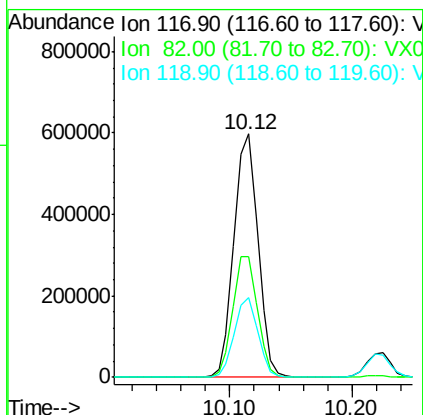
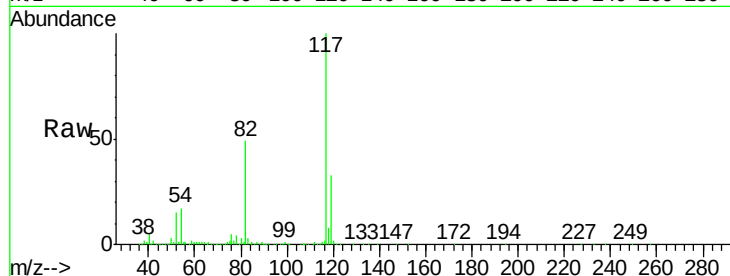
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	809734		
82	49.3		39.6	59.4
119	32.7		26.3	39.5

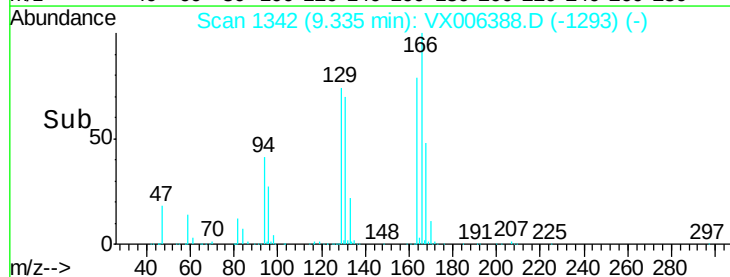
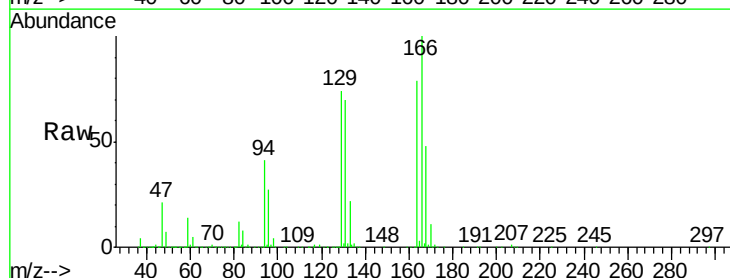
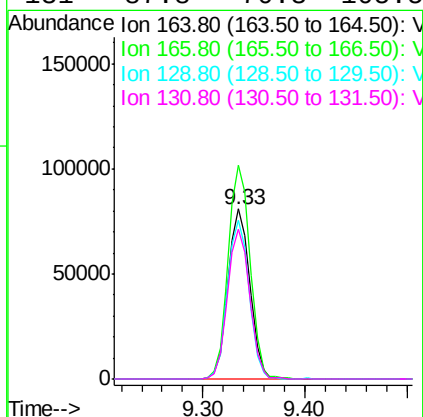
Manual Integrations
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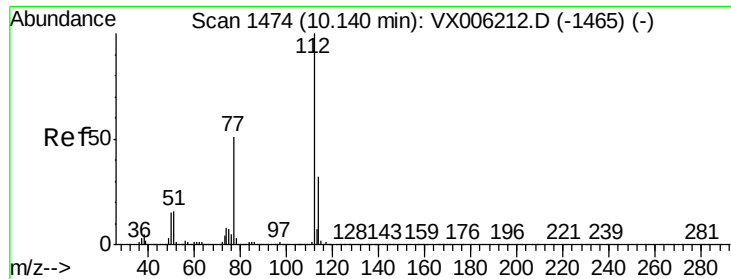
MMDadoda
12/11/2018 10:54:17 AM



#64
Tetrachloroethene
Concen: 19.652 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119836		
166	125.8		104.2	156.2
129	93.7		72.6	108.8
131	87.8		70.3	105.5





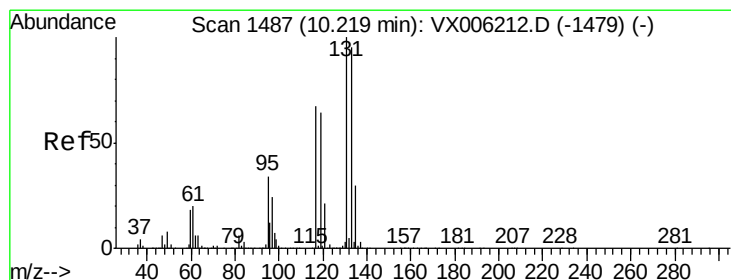
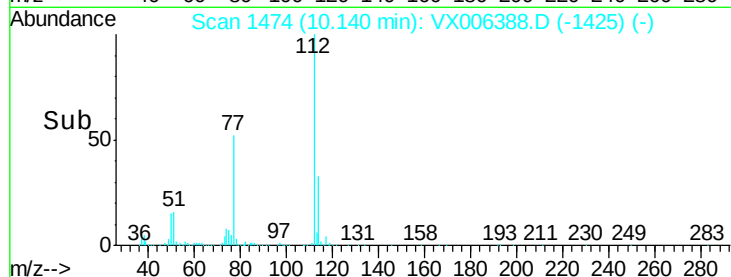
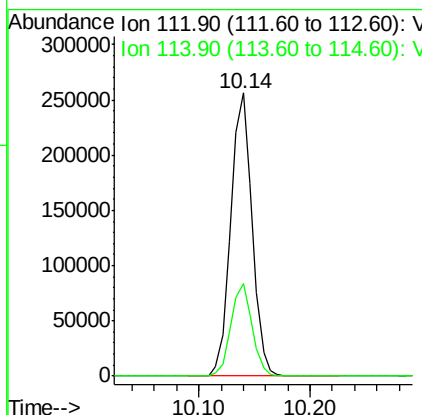
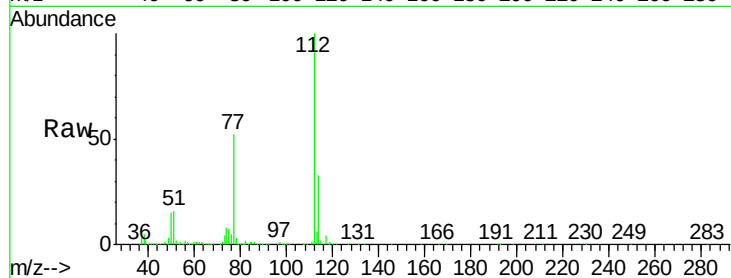
#65
Chlorobenzene
Concen: 19.718 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2

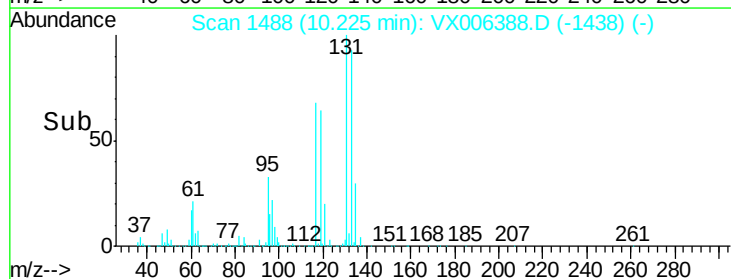
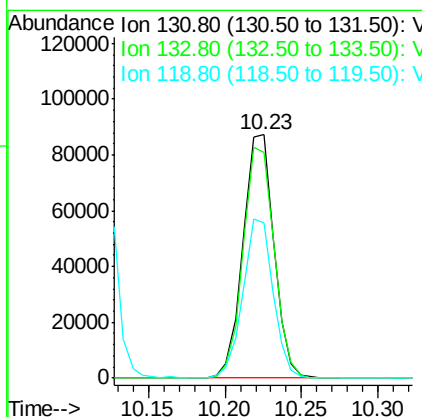
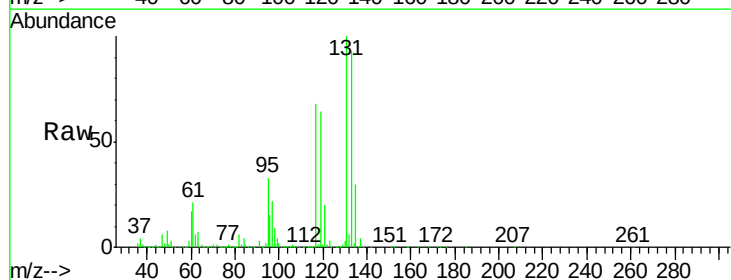
Manual Integrations
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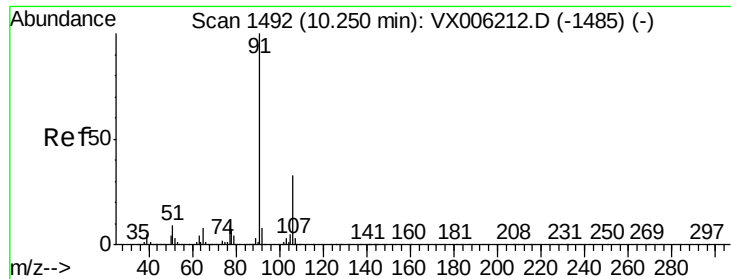
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.359 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.1	144.4
119	64.0	32.1	96.3





#67

Ethyl Benzene

Concen: 19.284 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 91 Resp: 551286

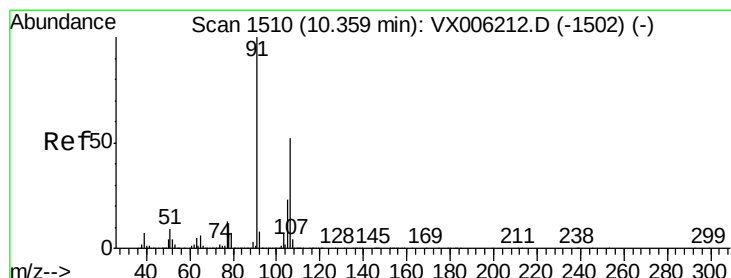
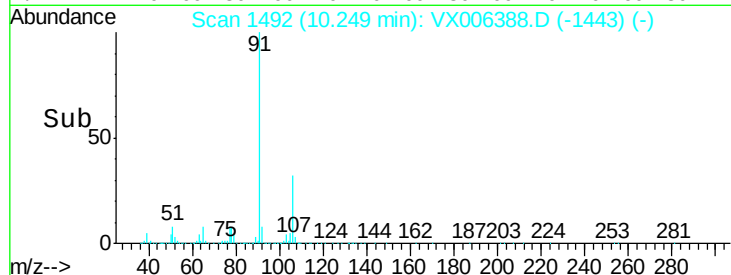
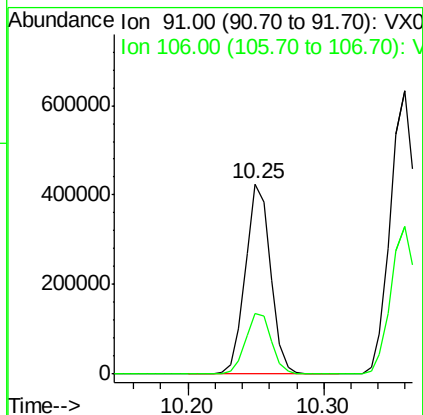
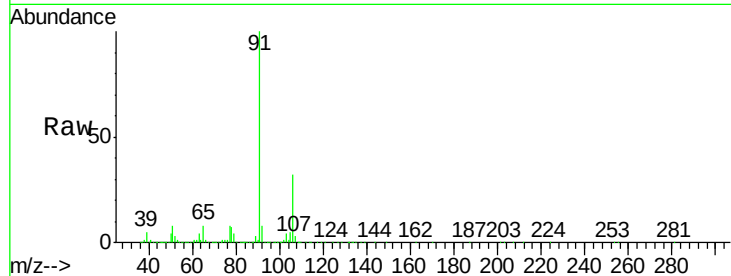
Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7

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#68

m/p-Xylenes

Concen: 38.199 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006388.D

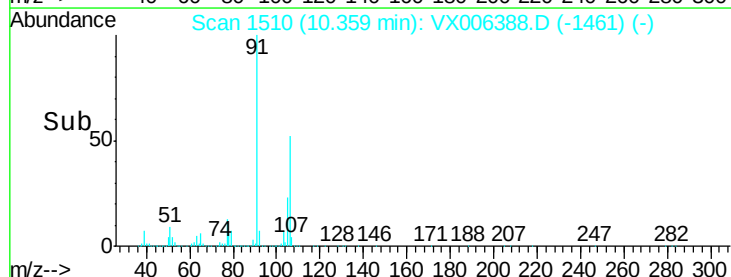
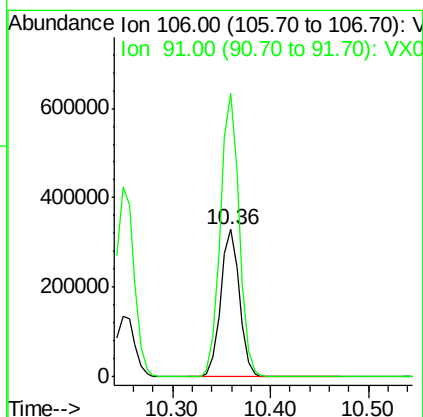
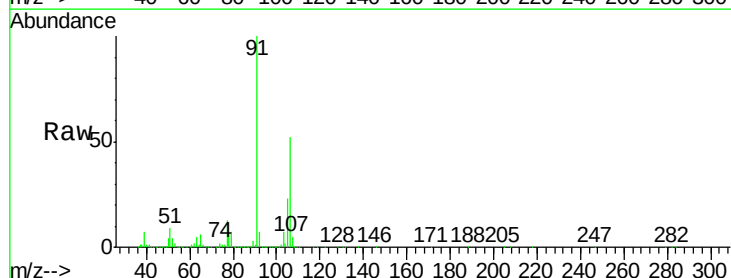
Acq: 11 Dec 2018 00:12

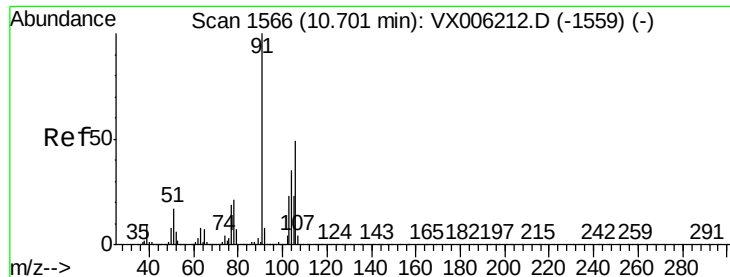
Tgt Ion: 106 Resp: 437440

Ion Ratio Lower Upper

106 100

91 191.7 155.2 232.8





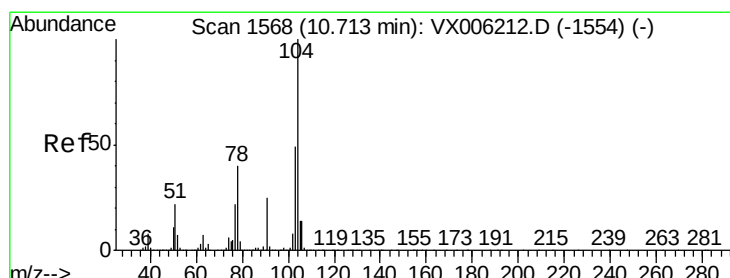
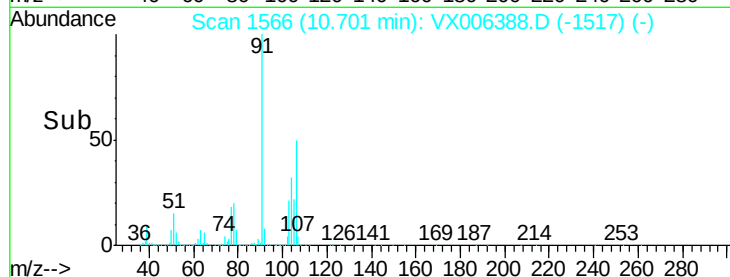
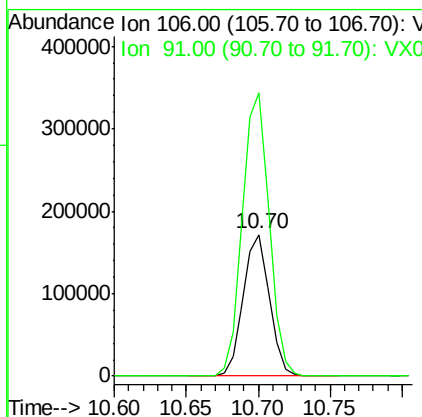
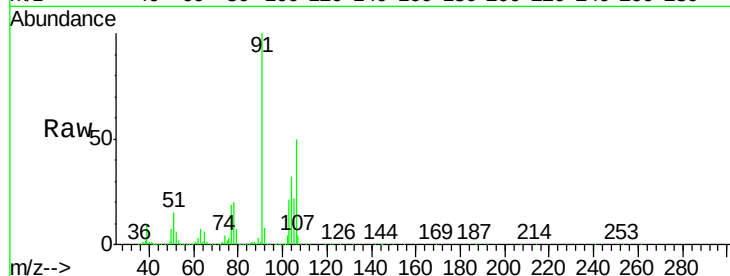
#69
o-Xylene
Concen: 19.098 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion:106 Resp: 216033
Ion Ratio Lower Upper
106 100
91 204.4 101.8 305.6

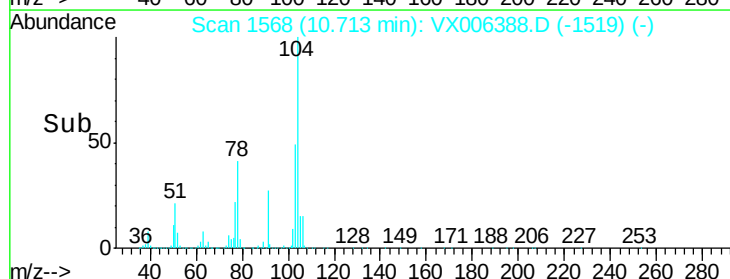
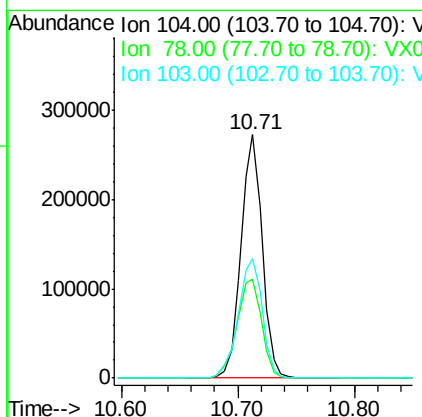
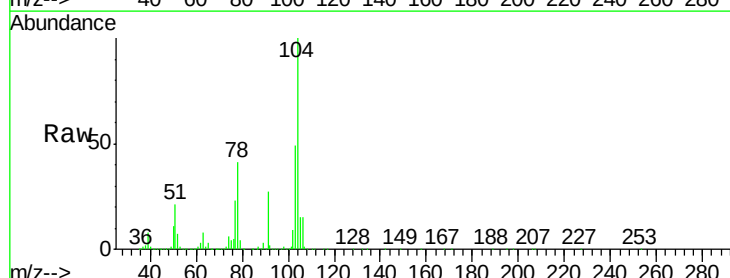
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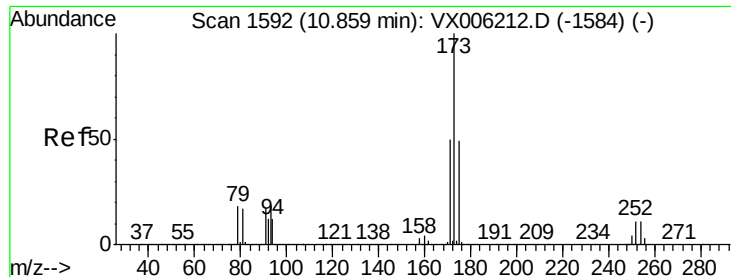
MMDadoda
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#70
Styrene
Concen: 18.999 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion:104 Resp: 347590
Ion Ratio Lower Upper
104 100
78 47.7 37.2 55.8
103 55.3 43.5 65.3





#71

Bromoform

Concen: 15.557 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

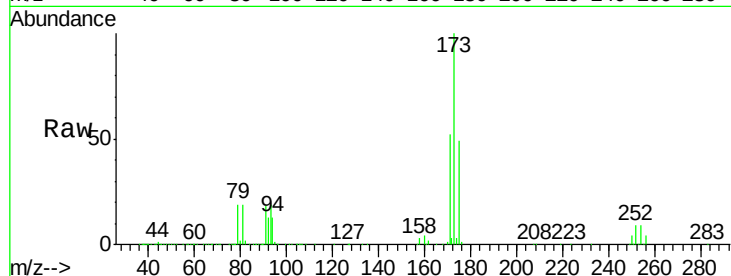
ClientSampleId :

VX1210WBS02

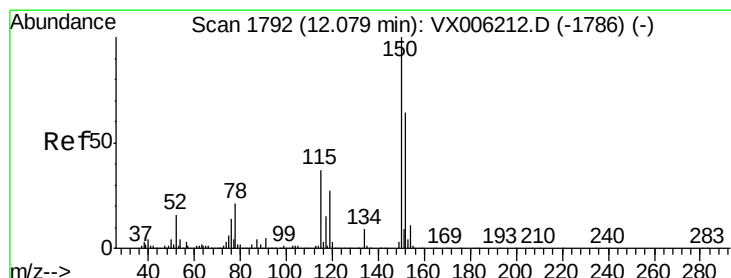
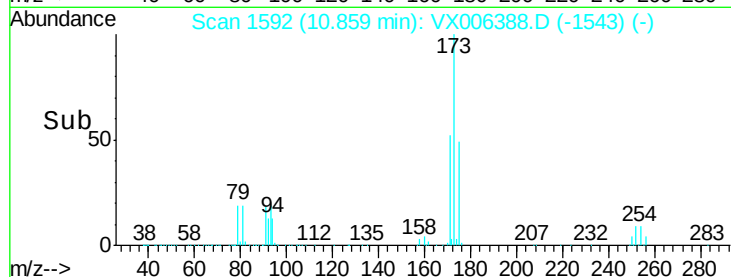
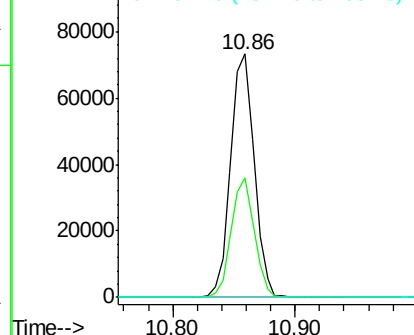
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.8
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

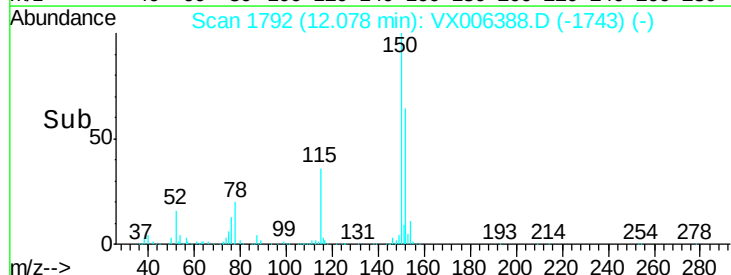
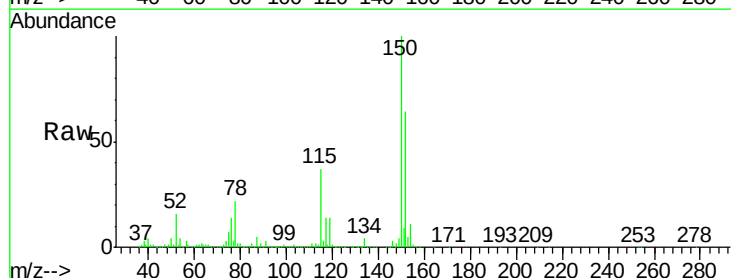
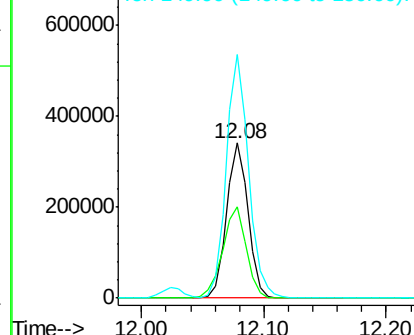
Delta R.T. -0.00 min

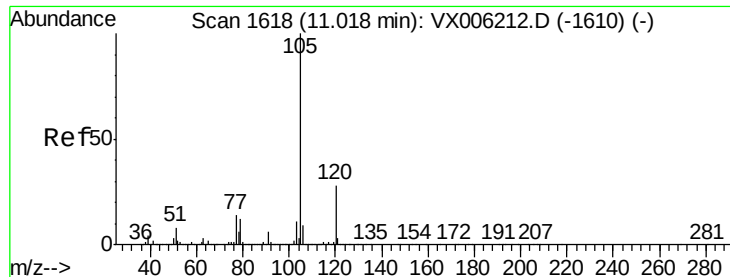
Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	39.0	116.9
150	163.0	0.0	345.8

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.054 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 105 Resp: 573415

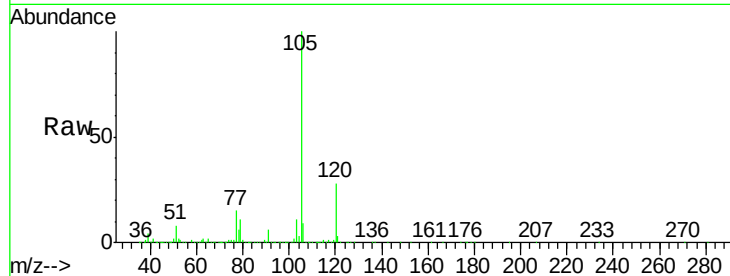
Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3

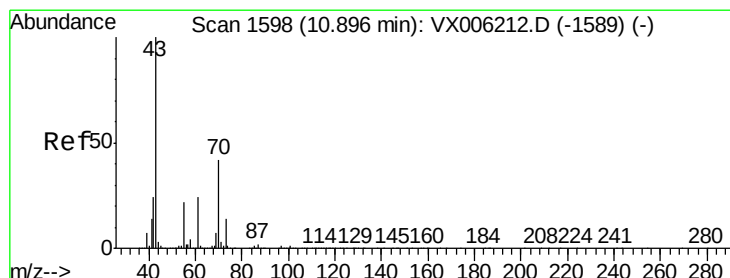
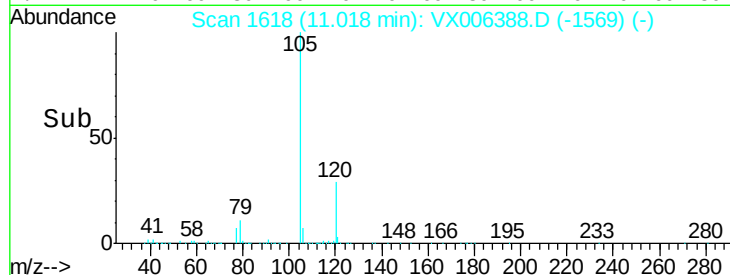
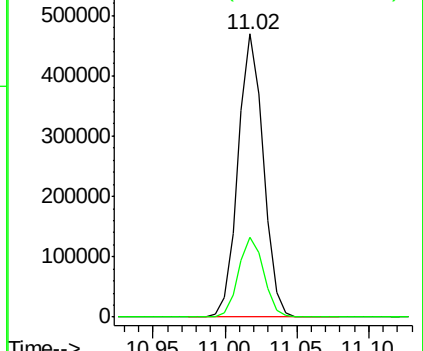
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.109 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion: 43 Resp: 222978

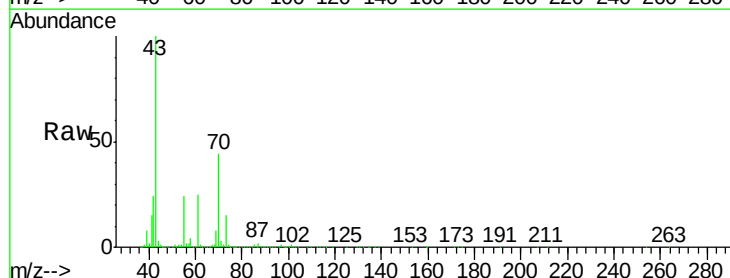
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.1 17.8 26.8

61 25.8 19.7 29.5

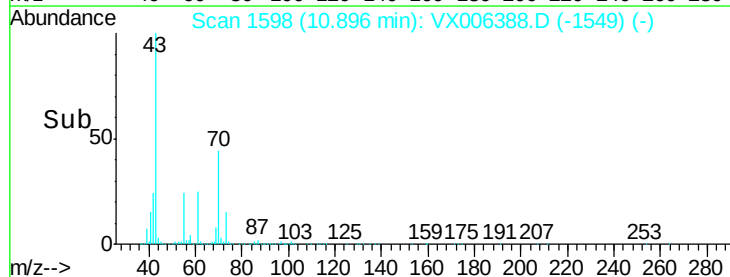
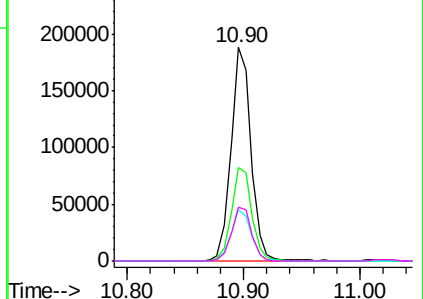


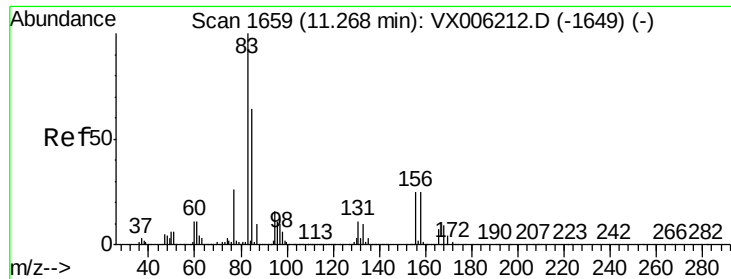
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.236 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 83 Resp: 185113
Ion Ratio Lower Upper

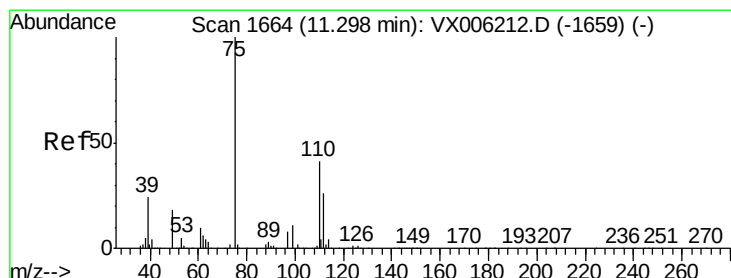
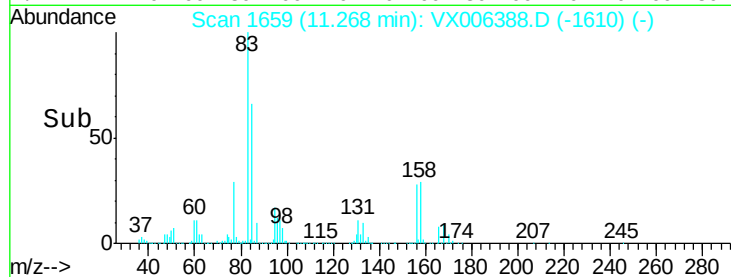
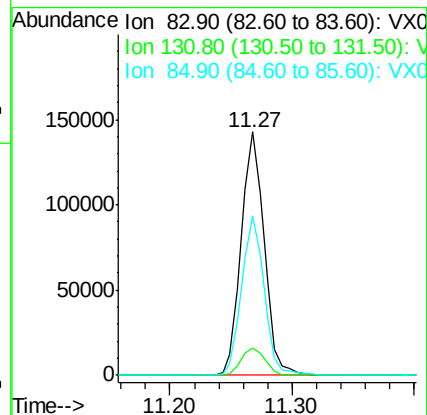
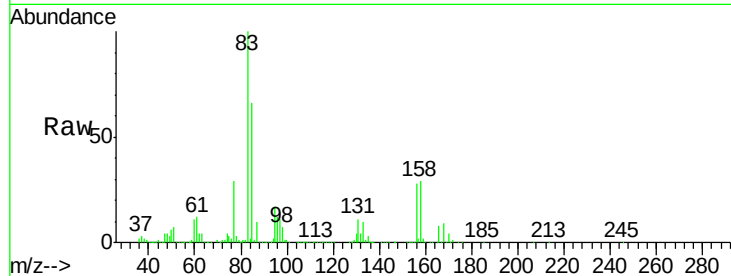
83 100

131 11.8 5.7 17.1

85 63.9 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 20.848 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

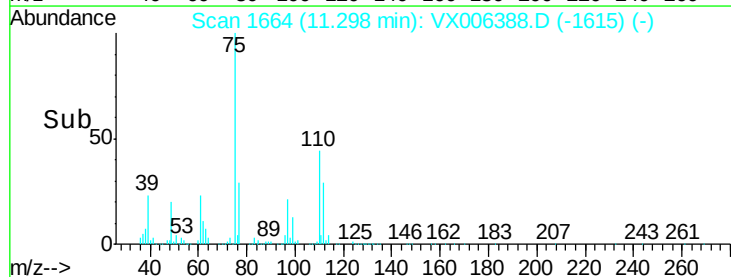
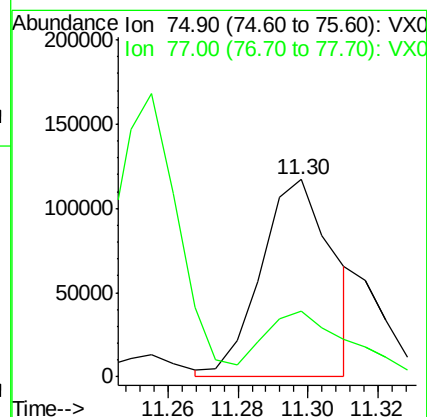
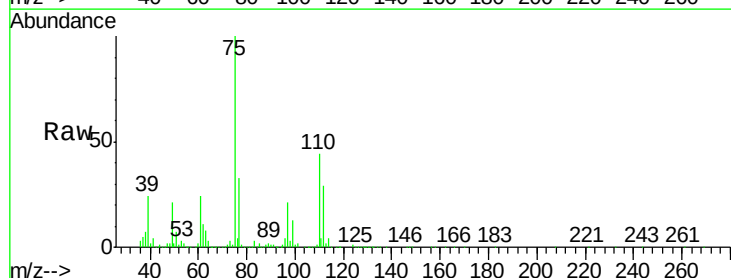
Lab File: VX006388.D

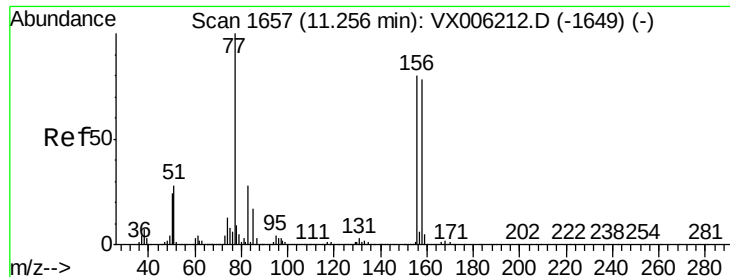
Acq: 11 Dec 2018 00:12

Tgt Ion: 75 Resp: 166614
Ion Ratio Lower Upper

75 100

77 39.6 19.9 59.7





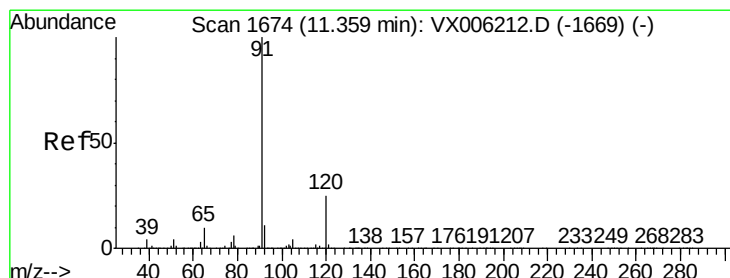
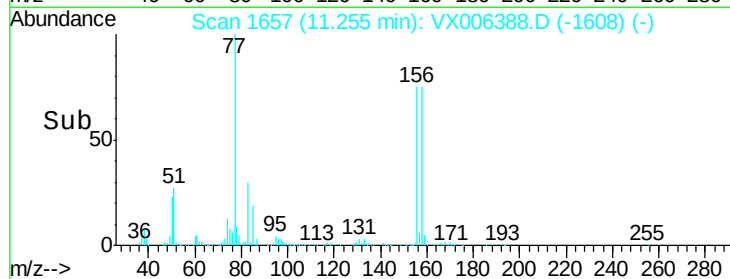
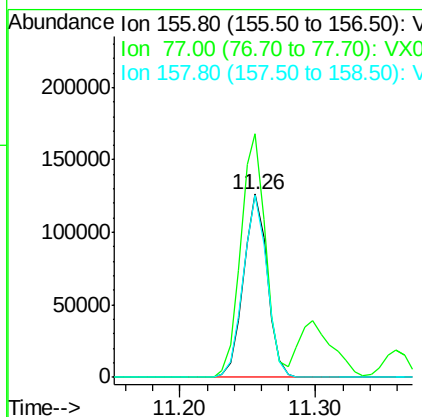
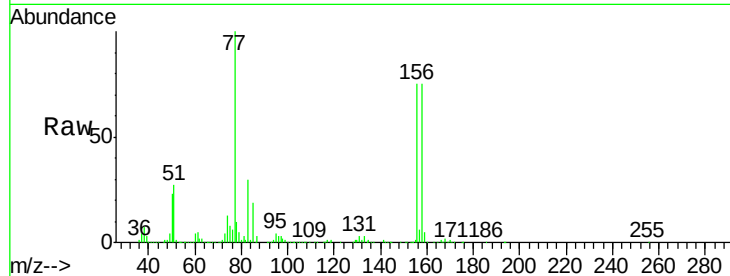
#77
Bromobenzene
Concen: 19.474 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.5	66.2	198.6
158	99.7	48.8	146.4

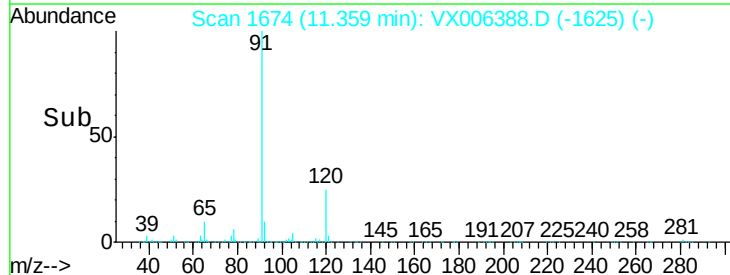
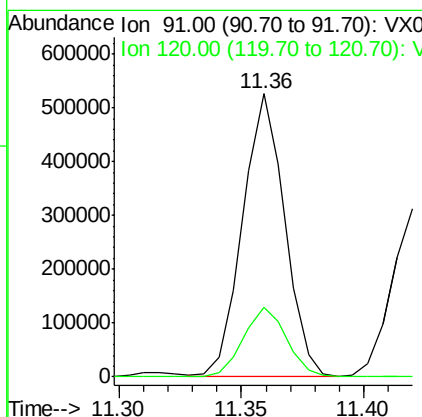
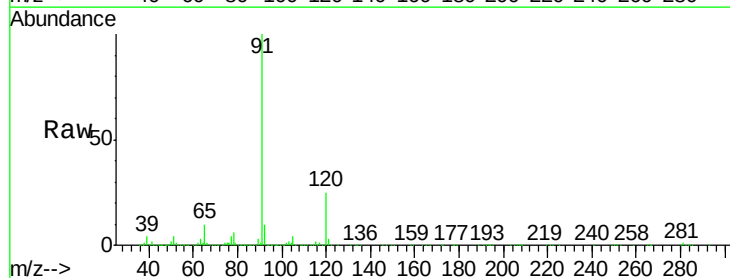
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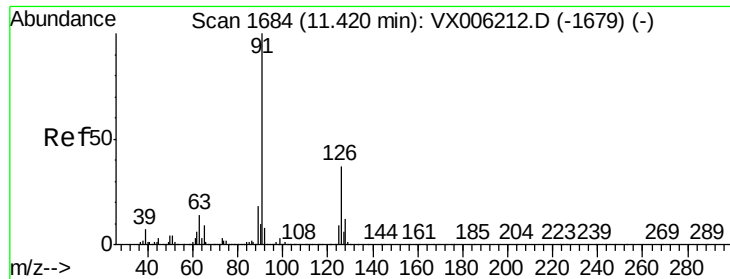
MMDadoda
12/11/2018 10:54:17 AM



#78
n-propylbenzene
Concen: 19.616 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.098 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 91 Resp: 379676

Ion Ratio Lower Upper

91 100

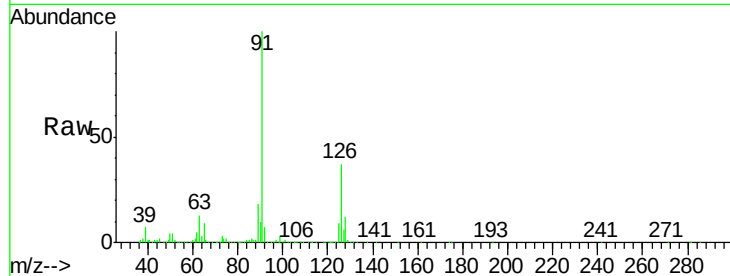
126 37.1 18.6 56.0

Manual Integrations

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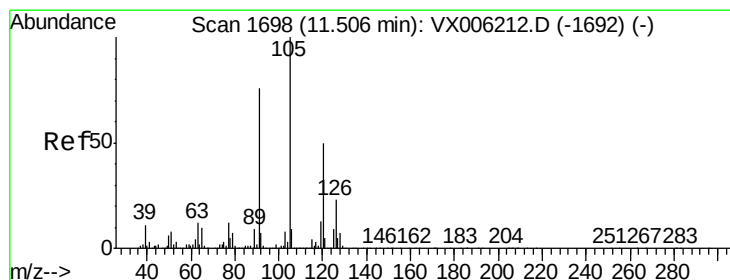
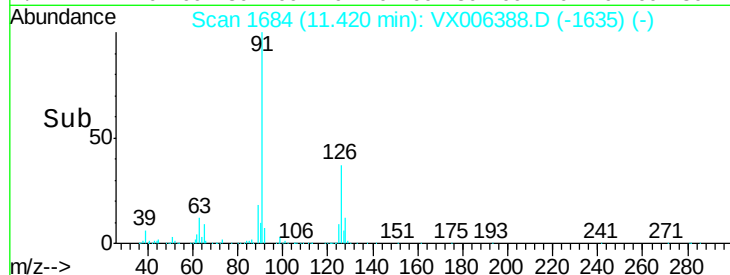
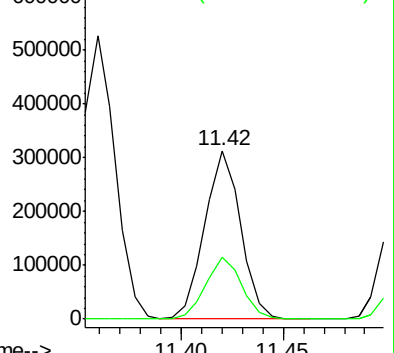
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.931 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006388.D

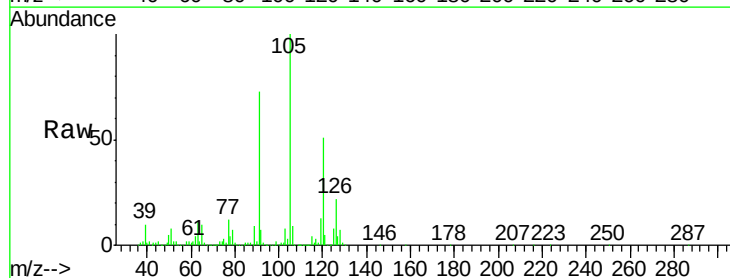
Acq: 11 Dec 2018 00:12

Tgt Ion: 105 Resp: 474172

Ion Ratio Lower Upper

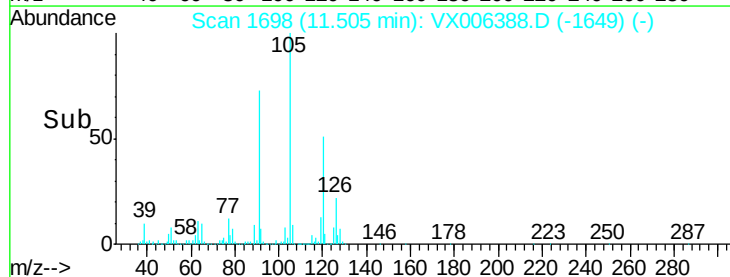
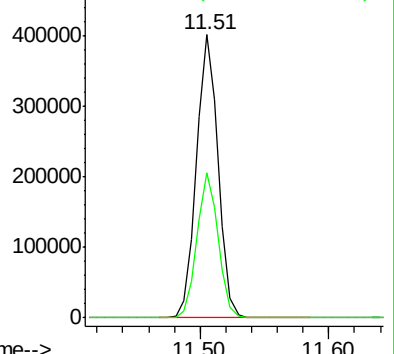
105 100

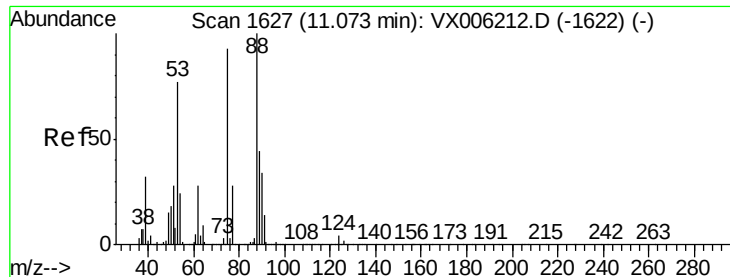
120 50.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

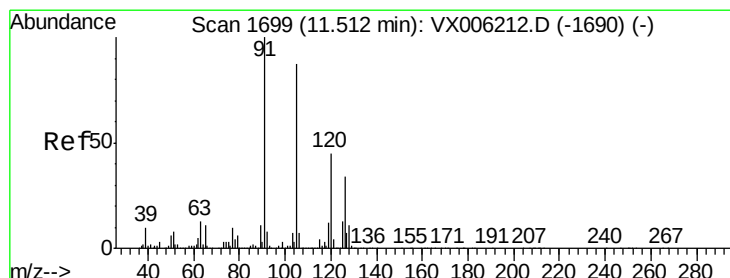
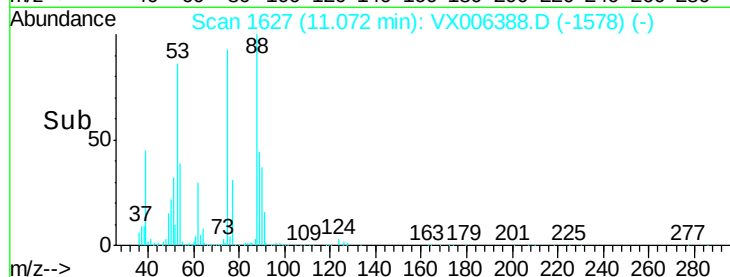
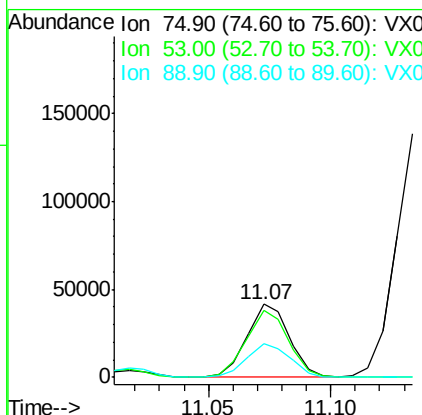
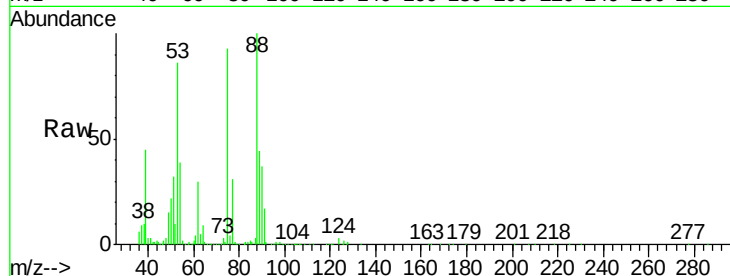
ClientSampleId :

VX1210WBS02

Tot Ion:	75	Resp:	50087
Ion Ratio	Lower	Upper	
75	100		
53	92.5	64.4	96.6
89	48.1	44.2	66.4

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#82

4-Chlorotoluene

Concen: 19.583 ug/l

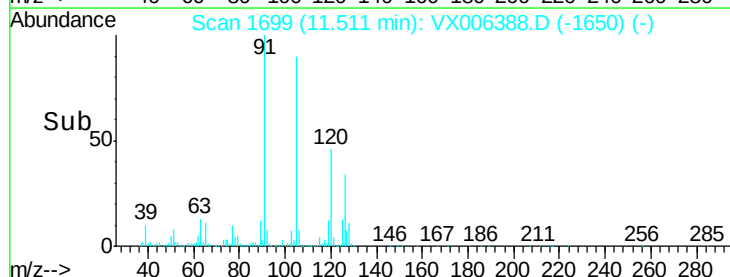
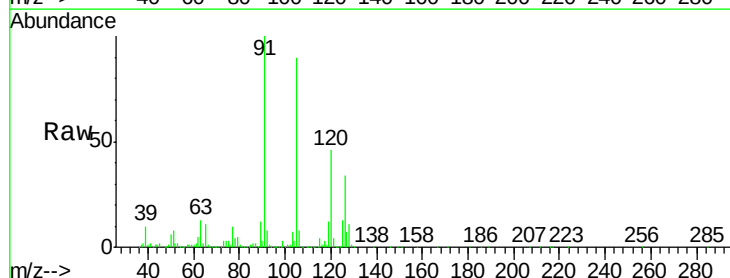
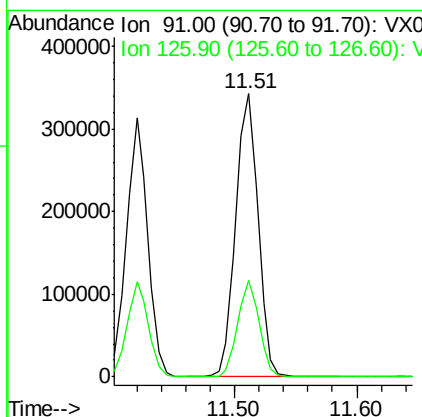
RT: 11.51 min Scan# 1699

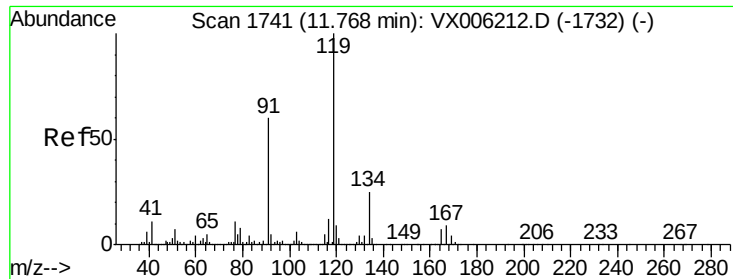
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	91	Resp:	430134
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.4	49.4





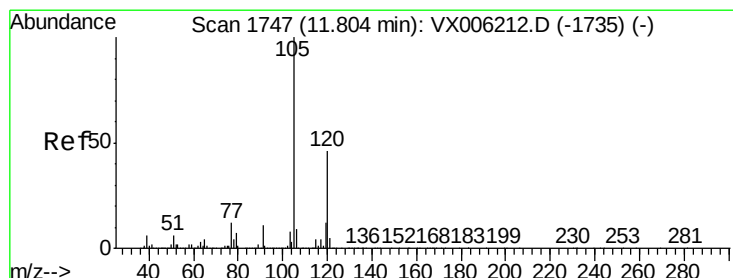
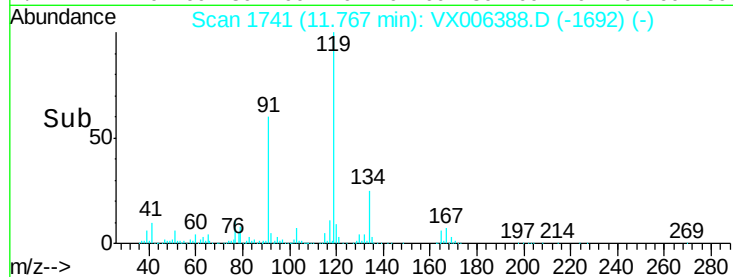
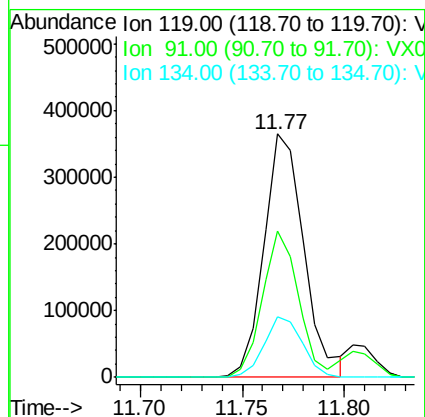
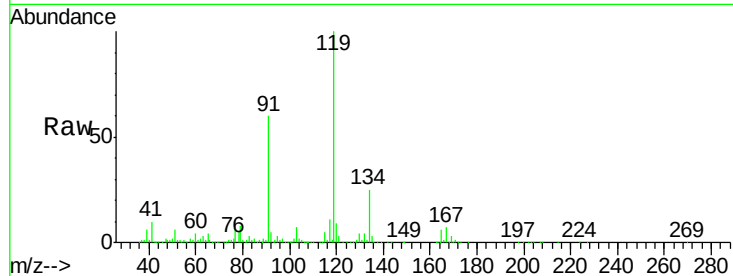
#83
 tert-Butylbenzene
 Concen: 19.639 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion:	119	Resp:	498520
Ion Ratio	Lower	Upper	
119	100		
91	54.3	26.4	79.2
134	23.7	11.6	34.7

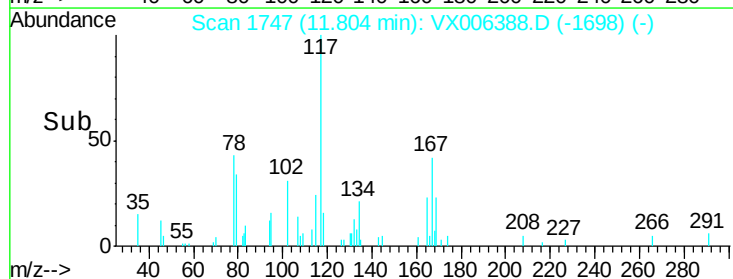
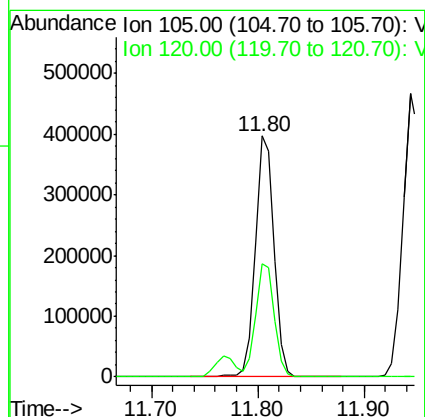
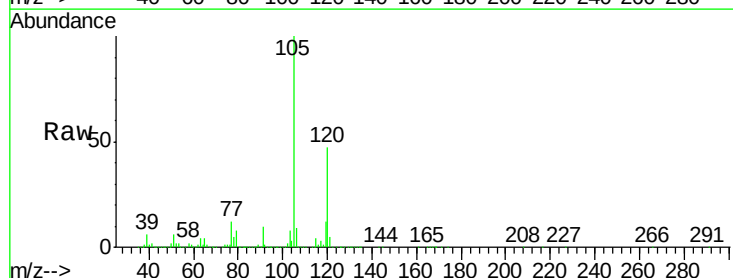
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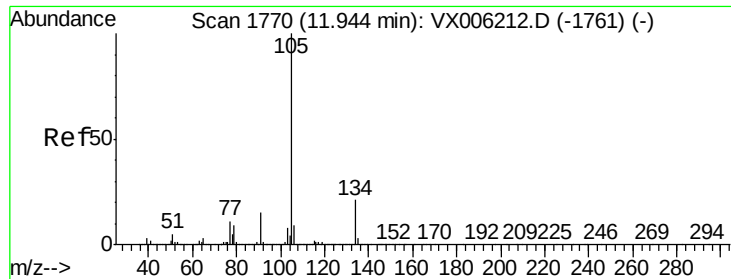
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.856 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion:	105	Resp:	487791
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.616 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion:105 Resp: 566448

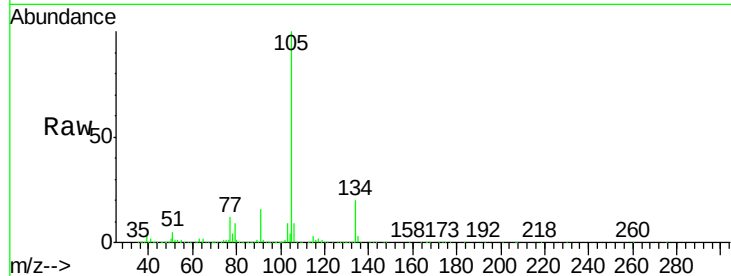
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

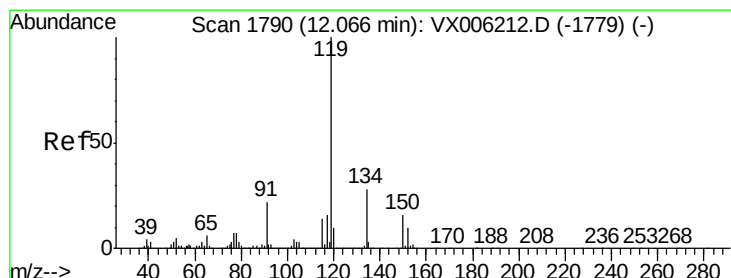
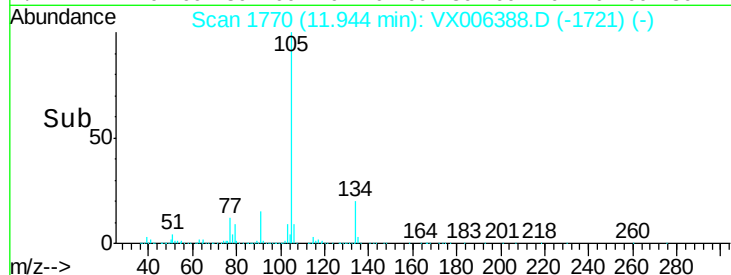
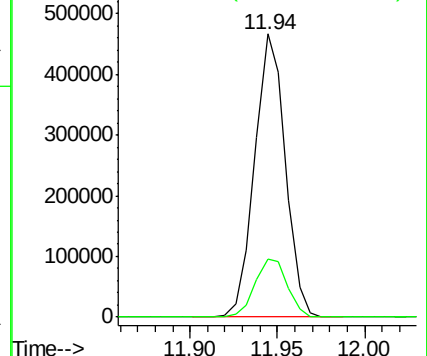
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.610 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

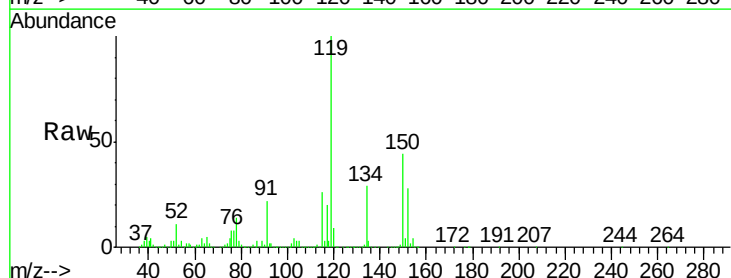
Tgt Ion:119 Resp: 509931

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

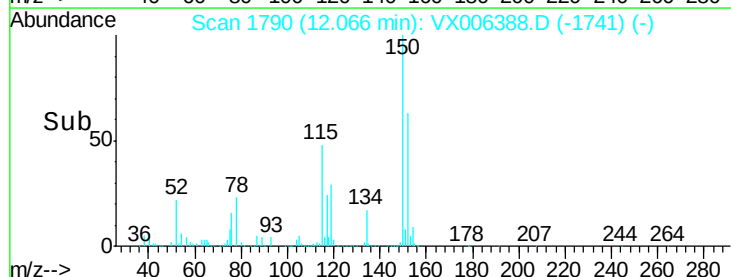
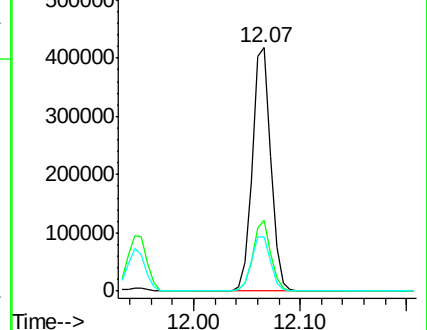
91 23.1 11.3 33.8

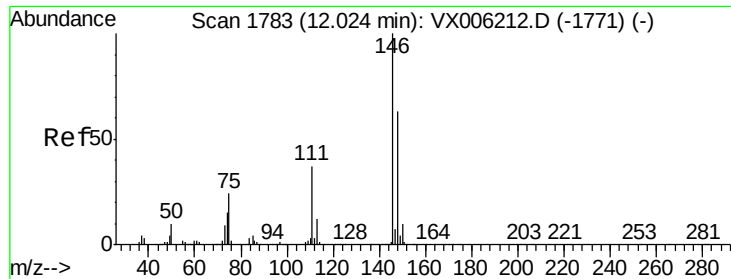


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





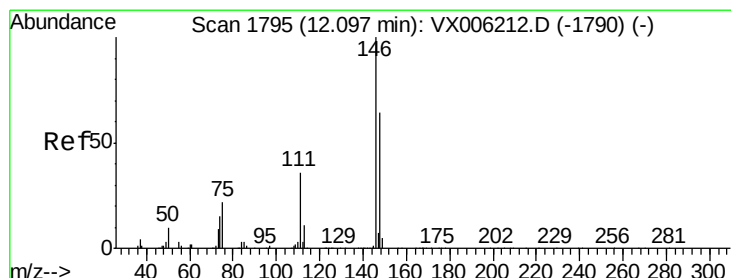
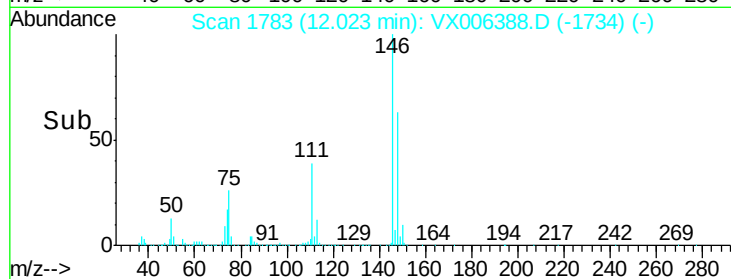
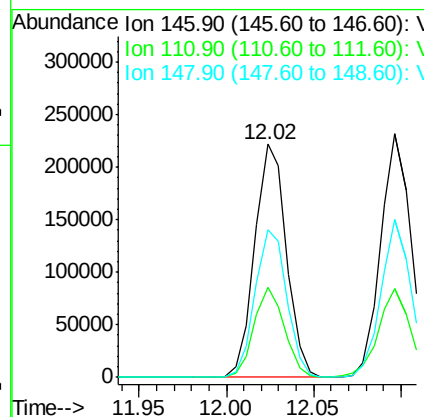
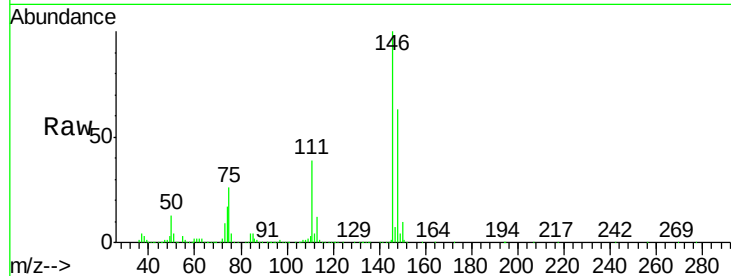
#87
 1,3-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

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

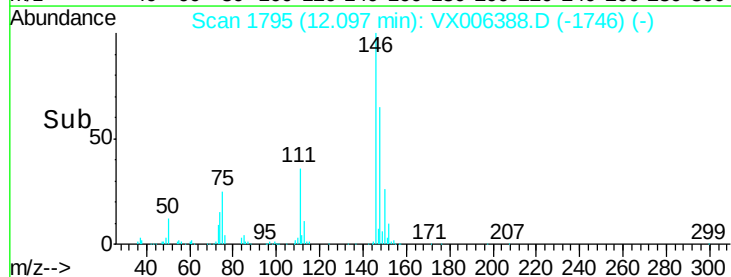
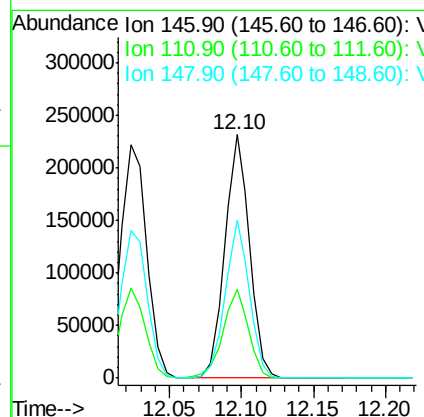
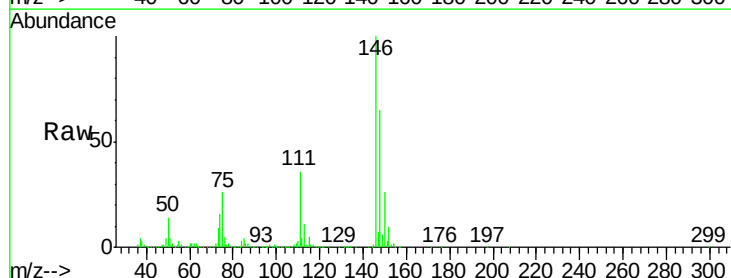
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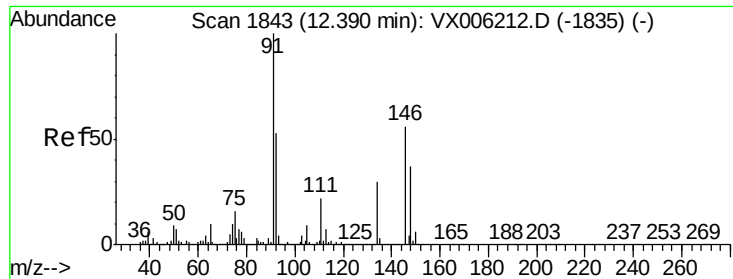
MMDadoda
 12/11/2018 10:54:17 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006388.D
 Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	63.9	31.9	95.9





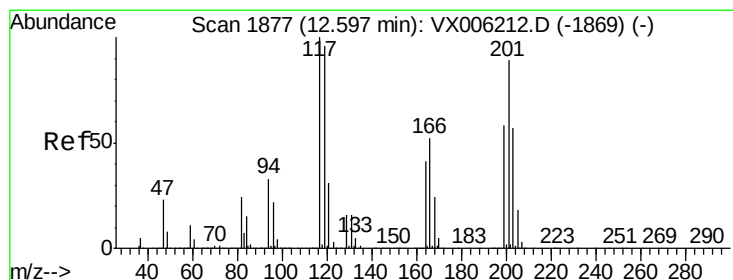
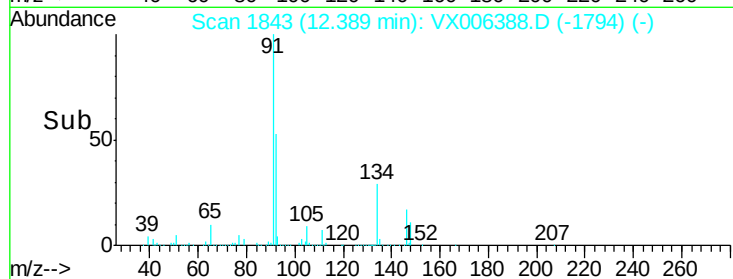
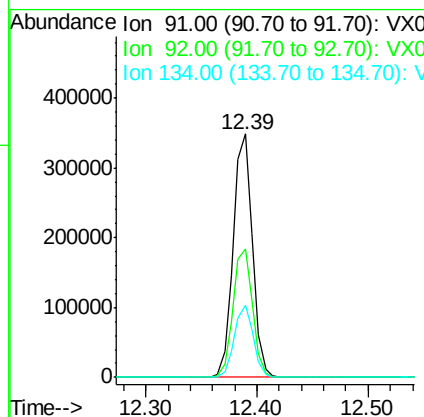
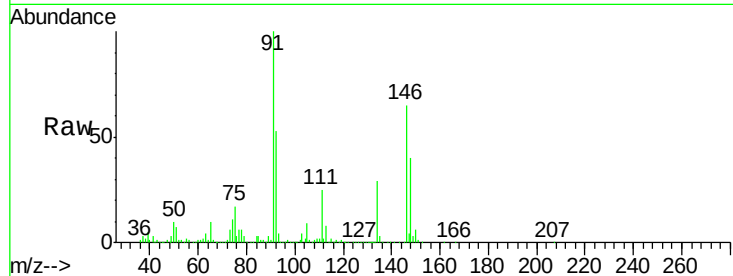
#89
n-Butylbenzene
Concen: 18.737 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.8
134	29.1	14.8	44.3

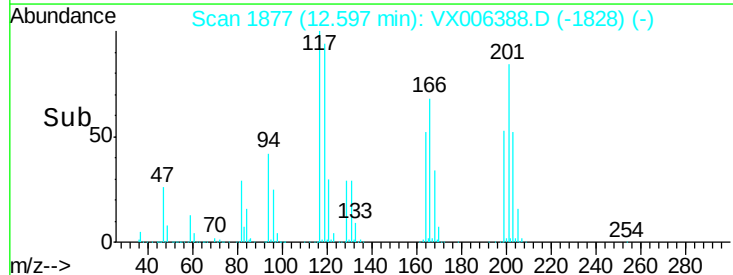
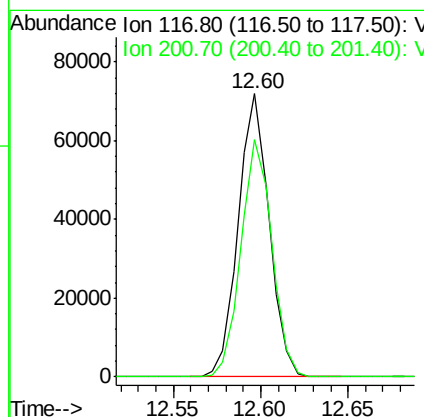
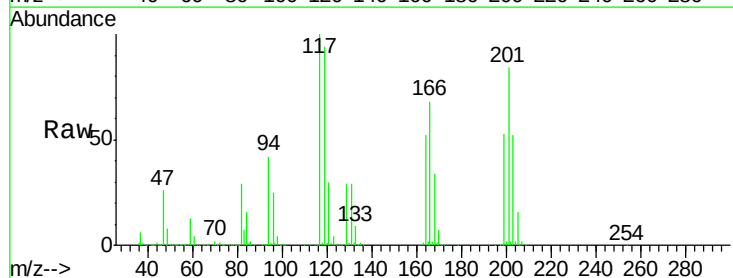
Manual Integrations
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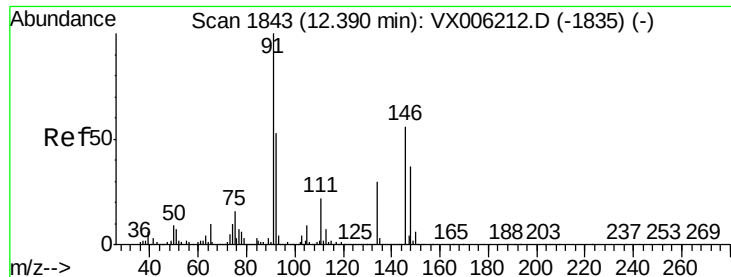
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#90
Hexachloroethane
Concen: 16.677 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 20.138 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

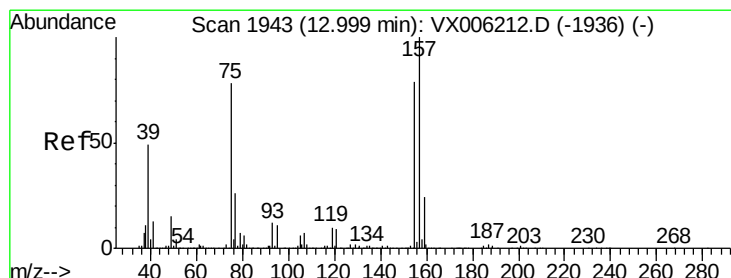
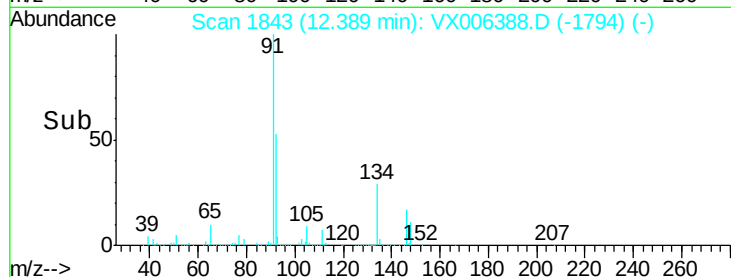
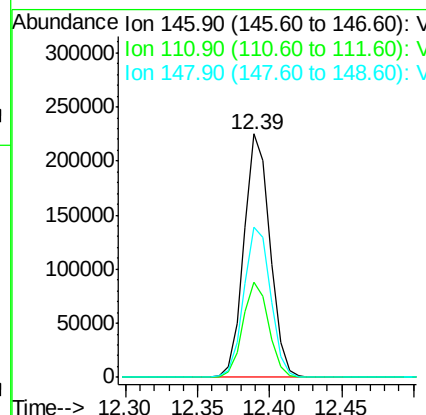
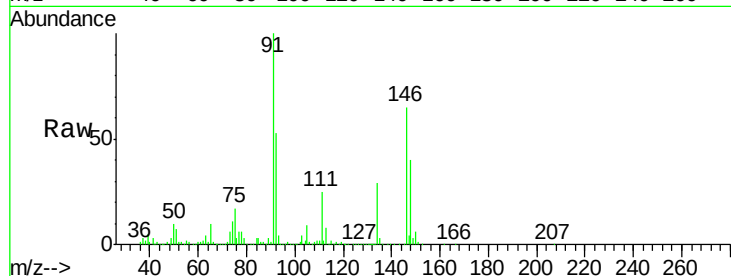
ClientSampleId :

VX1210WBS02

Tot Ion:	146	Resp:	282193
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.1	57.3
148	63.4	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.136 ug/l

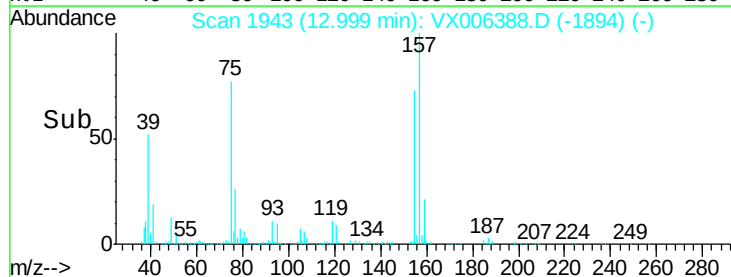
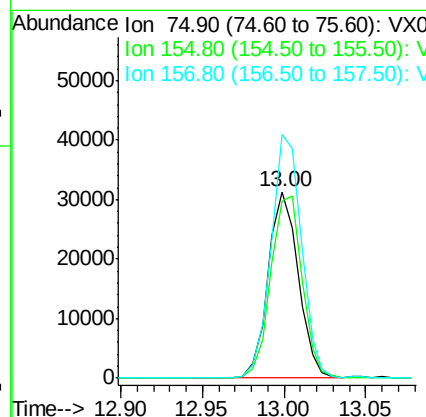
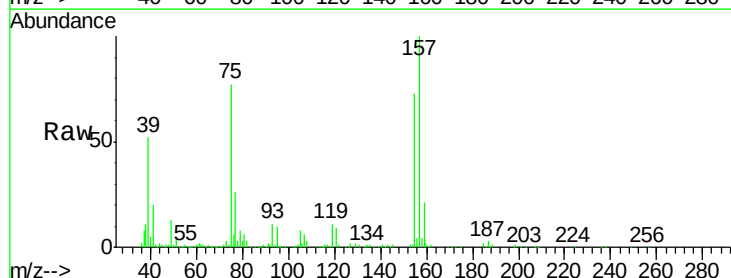
RT: 13.00 min Scan# 1943

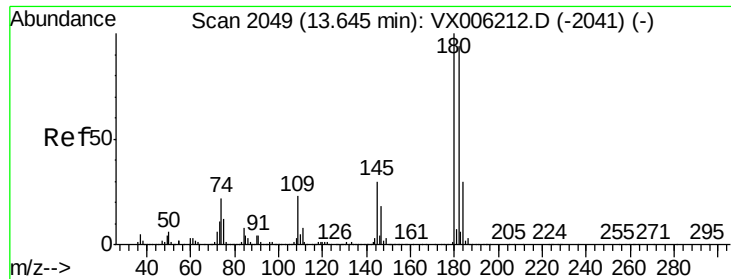
Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	75	Resp:	40182
Ion Ratio	Lower	Upper	
75	100		
155	100.9	53.4	160.3
157	131.6	68.0	203.8





#93

1,2,4-Trichlorobenzene

Concen: 18.776 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Instrument :

MSVOA_X

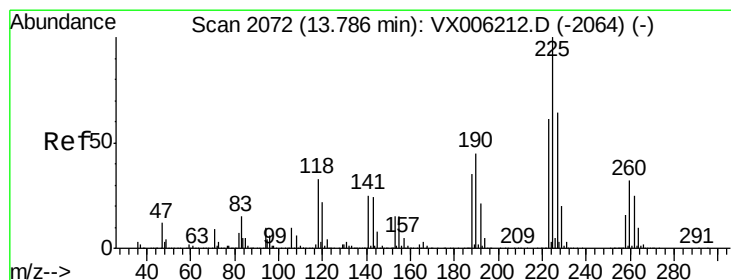
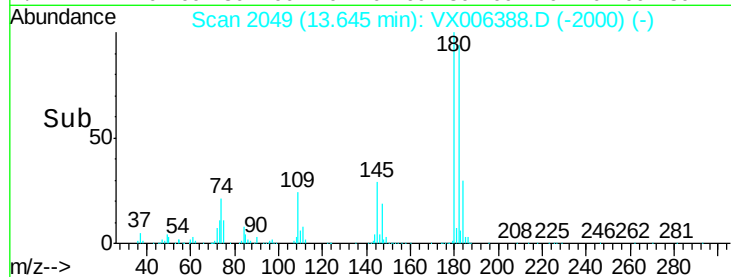
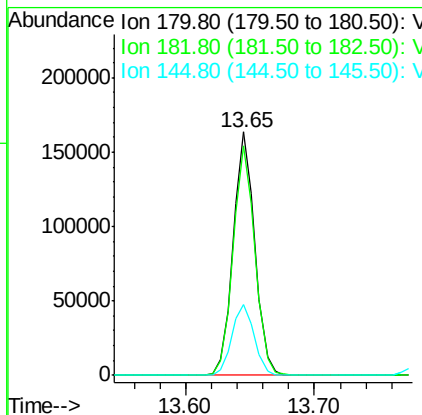
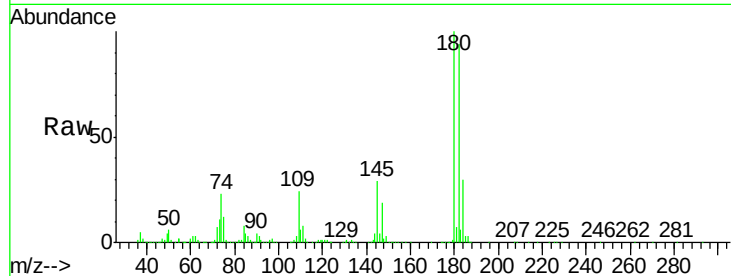
ClientSampleId :

VX1210WBS02

Tot Ion:	180	Resp:	191957
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.9
145	30.2	14.6	43.8

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.567 ug/l

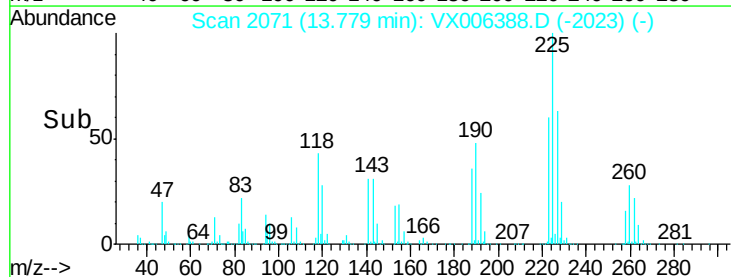
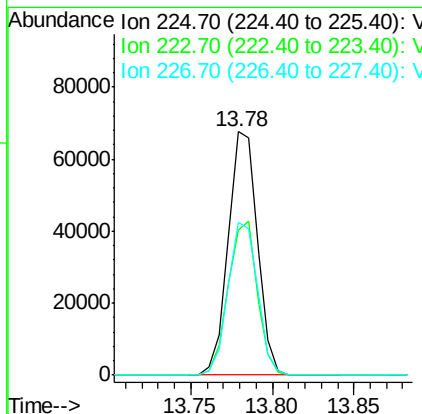
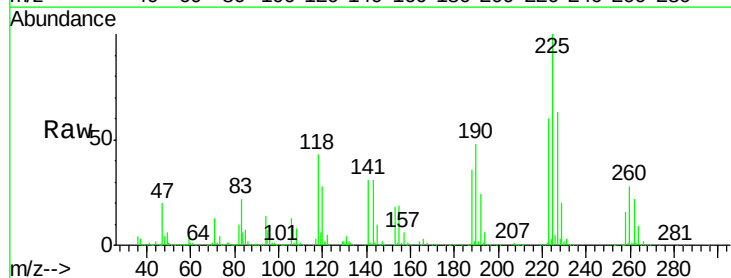
RT: 13.78 min Scan# 2071

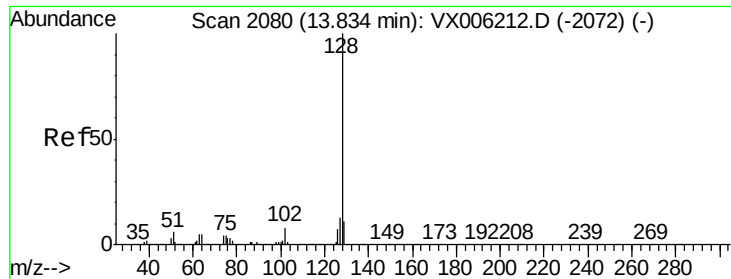
Delta R.T. -0.01 min

Lab File: VX006388.D

Acq: 11 Dec 2018 00:12

Tgt Ion:	225	Resp:	83947
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.2	93.6
227	63.3	31.9	95.5





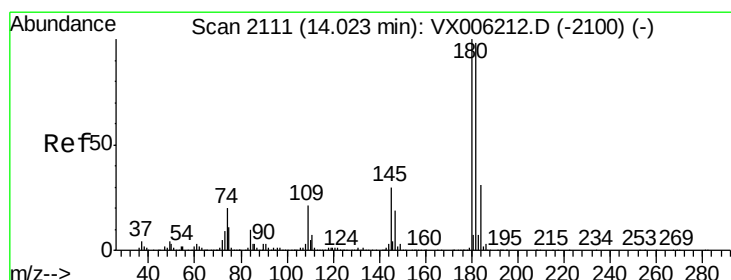
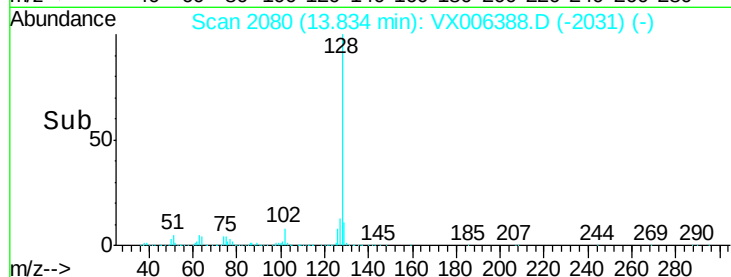
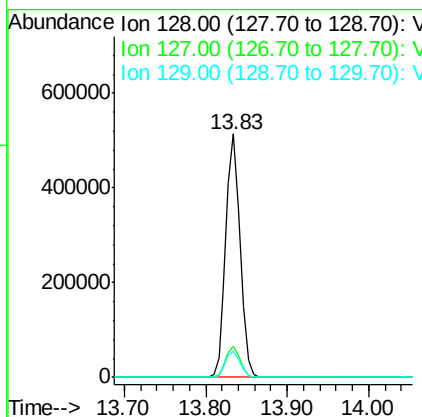
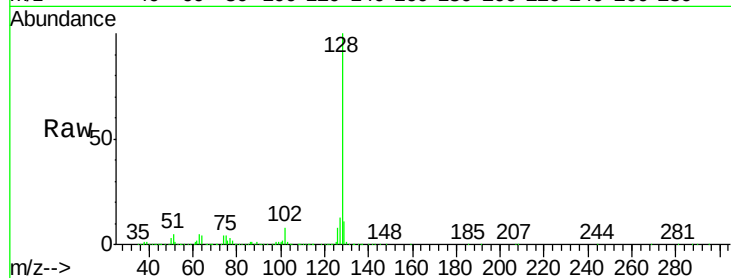
#95
Naphthalene
Concen: 19.679 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:54:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.116 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006388.D
Acq: 11 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.2
145	31.2	15.6	46.8

