

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002440.D
 Acq On : 11 Jun 2018 14:02
 Operator : JC/MD
 Sample : VX0611WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2018 4:50:31 PM

Quant Time: Jun 12 02:32:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138520	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	104519	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.72	98	381871	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
62) 4-Bromofluorobenzene	11.14	95	145194	42.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39104	18.69	ug/l	99
3) Chloromethane	1.32	50	46798	17.66	ug/l	100
4) Vinyl Chloride	1.40	62	50951	19.32	ug/l	100
5) Bromomethane	1.64	94	30214	18.12	ug/l	98
6) Chloroethane	1.73	64	40155	23.54	ug/l	99
7) Trichlorofluoromethane	1.93	101	86063	21.42	ug/l	98
8) Diethyl Ether	2.19	74	34858	23.13	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49437	22.80	ug/l	98
10) Methyl Iodide	2.51	142	41503	13.61	ug/l	98
11) Tert butyl alcohol	3.07	59	71606	110.33	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42999	20.07	ug/l	97
13) Acrolein	2.29	56	26867	87.68	ug/l	100
14) Allyl chloride	2.73	41	91869	19.76	ug/l	98
15) Acrylonitrile	3.15	53	151276	118.39	ug/l	100
16) Acetone	2.45	43	161677	120.69	ug/l	99
17) Carbon Disulfide	2.57	76	100014	17.71	ug/l	97
18) Methyl Acetate	2.78	43	73366	24.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	183871	23.37	ug/l	99
20) Methylene Chloride	2.86	84	53380	21.90	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47633	20.16	ug/l	97
22) Diisopropyl ether	3.87	45	176981	21.95	ug/l	94
23) Vinyl Acetate	3.83	43	824525	109.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97738	21.27	ug/l	98
25) 2-Butanone	4.71	43	200165	101.43	ug/l	97
26) 2,2-Dichloropropane	4.59	77	65356	18.19	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	50033	19.47	ug/l	98
28) Bromochloromethane	5.03	49	41738	19.16	ug/l	100
29) Tetrahydrofuran	5.17	42	125701	98.79	ug/l	99
30) Chloroform	5.22	83	87582	19.75	ug/l	98
31) Cyclohexane	5.58	56	69281	19.06	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	71748	19.08	ug/l	98
36) 1,1-Dichloropropene	5.80	75	58023	18.66	ug/l	98
37) Ethyl Acetate	4.87	43	77275	20.66	ug/l	99
38) Carbon Tetrachloride	5.79	117	61666	18.95	ug/l	98

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Manual Integrations
 APPROVED

MMDadoda
 6/12/2018 4:50:31 PM

Quant Time: Jun 12 02:32:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71629	18.81	ug/l	98
40) Benzene	6.15	78	183085	19.20	ug/l	99
41) Methacrylonitrile	5.06	41	43945	20.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	77725	20.52	ug/l	98
43) Isopropyl Acetate	6.47	43	126085	19.85	ug/l	100
44) Trichloroethene	7.22	130	50894	19.23	ug/l	92
45) 1,2-Dichloropropane	7.52	63	50710	19.70	ug/l	98
46) Dibromomethane	7.67	93	35008	20.06	ug/l	98
47) Bromodichloromethane	7.90	83	63482	20.11	ug/l	97
48) Methyl methacrylate	7.78	41	63740	19.98	ug/l	97
49) 1,4-Dioxane	7.76	88	24632	412.86	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	415229	104.96	ug/l	100
52) Toluene	8.79	92	121091	19.97	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74260	19.62	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	68507	19.18	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	51238	20.54	ug/l	98
56) Ethyl methacrylate	9.18	69	80623	20.25	ug/l	98
57) 1,3-Dichloropropane	9.38	76	86413	20.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	180011	97.66	ug/l	99
59) 2-Hexanone	9.50	43	313622	102.64	ug/l	99
60) Dibromochloromethane	9.59	129	49064	19.56	ug/l	99
61) 1,2-Dibromoethane	9.68	107	53224	20.46	ug/l	99
64) Tetrachloroethene	9.34	164	53827	18.33	ug/l	98
65) Chlorobenzene	10.14	112	138487	19.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	50570	19.71	ug/l	99
67) Ethyl Benzene	10.26	91	234705	19.79	ug/l	99
68) m/p-Xylenes	10.37	106	180235	39.10	ug/l	99
69) o-Xylene	10.70	106	88951	19.39	ug/l	100
70) Styrene	10.71	104	149565	19.94	ug/l	100
71) Bromoform	10.86	173	37276	18.56	ug/l #	99
73) Isopropylbenzene	11.02	105	239698	19.60	ug/l	99
74) N-amyl acetate	6.47	43	126085	19.13	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	78411	20.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	68347m	17.72	ug/l	
77) Bromobenzene	11.26	156	66562	19.39	ug/l	99
78) n-propylbenzene	11.37	91	271010	19.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	164011	19.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203801	19.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18851	17.13	ug/l	92
82) 4-Chlorotoluene	11.51	91	191952	19.38	ug/l	100
83) tert-Butylbenzene	11.77	119	199872	19.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	210418	19.49	ug/l	98
85) sec-Butylbenzene	11.95	105	244411	20.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	217980	19.98	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120930	19.70	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	119866	18.94	ug/l	98
89) n-Butylbenzene	12.39	91	190921	20.87	ug/l	99
90) Hexachloroethane	12.60	117	31159	17.90	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	123013	19.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16289	19.37	ug/l	100

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ClientSampleId :
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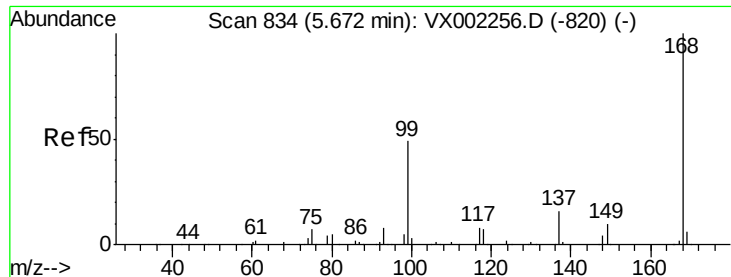
Manual Integrations
APPROVED

MMDadoda
6/12/2018 4:50:31 PM

Quant Time: Jun 12 02:32:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88988	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	44885	20.39	ug/l	100
95) Naphthalene	13.84	128	255598	19.97	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91968	20.25	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion:168 Resp: 201277

Ion Ratio Lower Upper

168 100

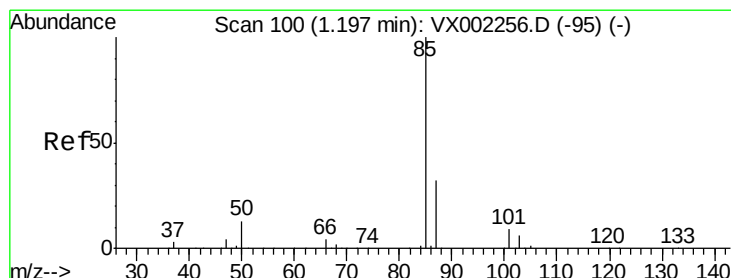
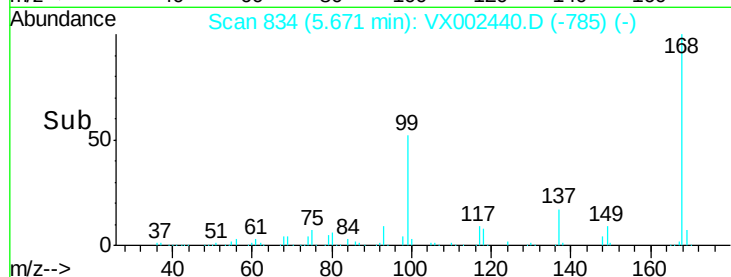
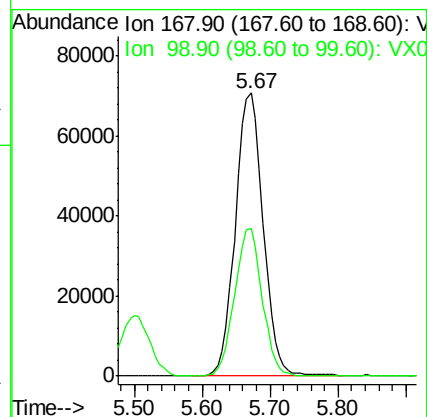
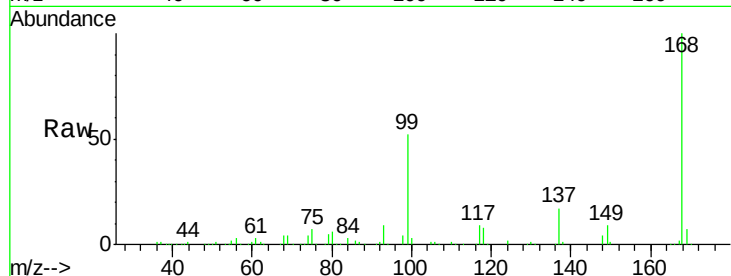
99 52.3 39.3 58.9

Manual Integrations

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6/12/2018 4:50:31 PM



#2

Dichlorodifluoromethane

Concen: 18.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002440.D

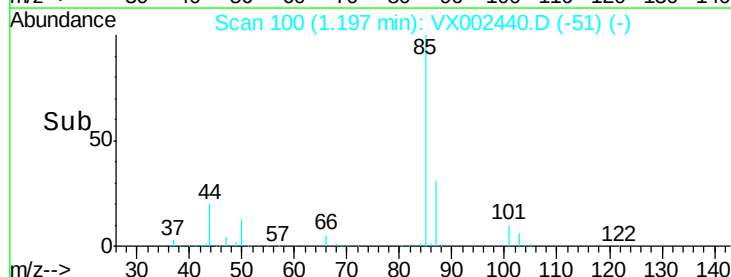
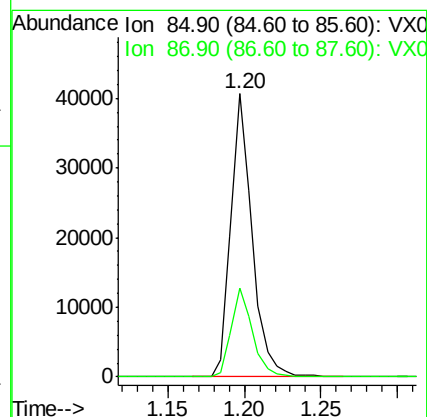
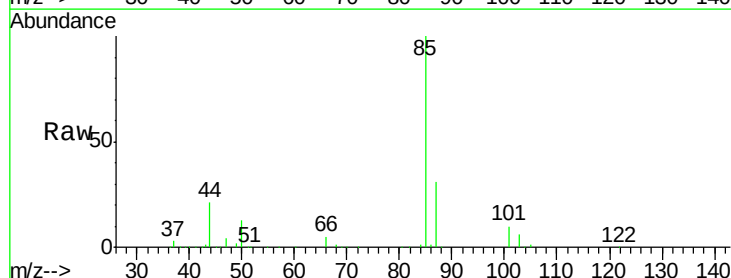
Acq: 11 Jun 2018 14:02

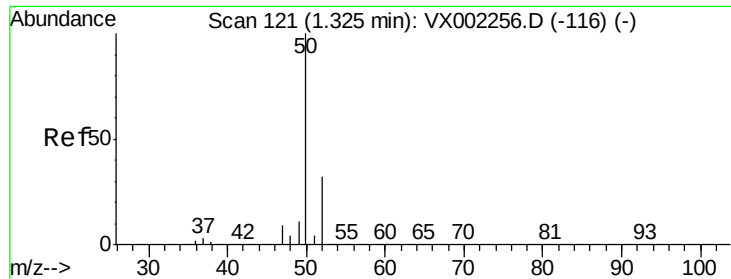
Tgt Ion: 85 Resp: 39104

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9





#3

Chloromethane

Concen: 17.66 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 50 Resp: 46798

Ion Ratio Lower Upper

50 100

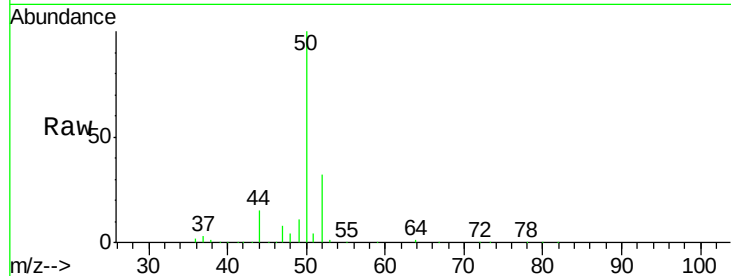
52 32.1 25.7 38.5

Manual Integrations

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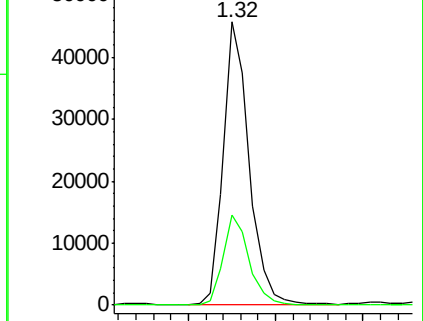
MMDadoda

6/12/2018 4:50:31 PM

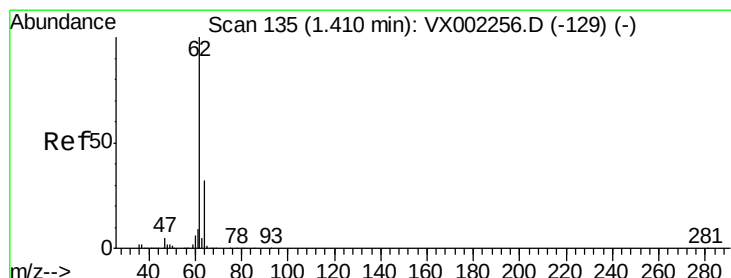
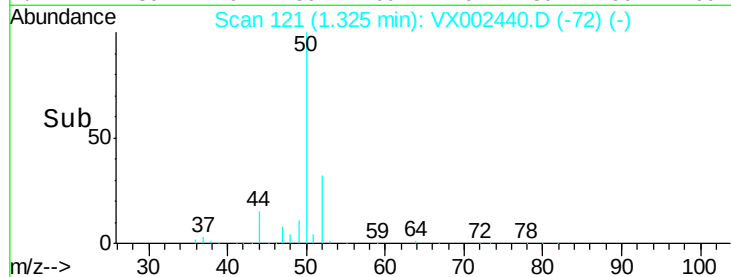


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002440.D

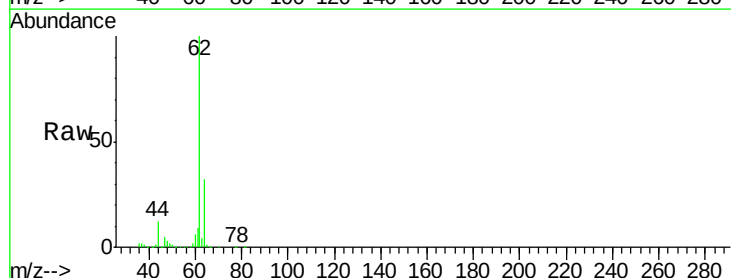
Acq: 11 Jun 2018 14:02

Tgt Ion: 62 Resp: 50951

Ion Ratio Lower Upper

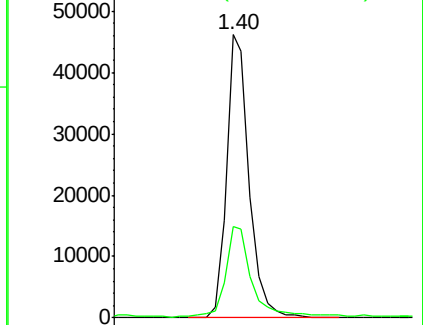
62 100

64 31.6 25.4 38.2

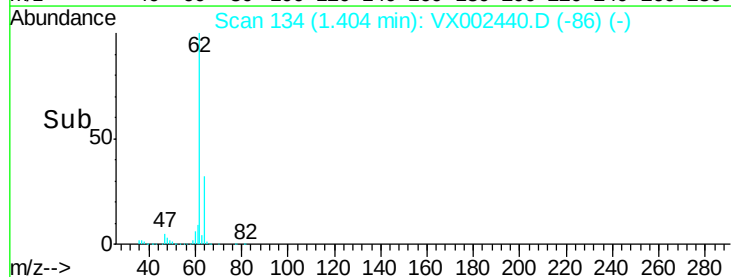


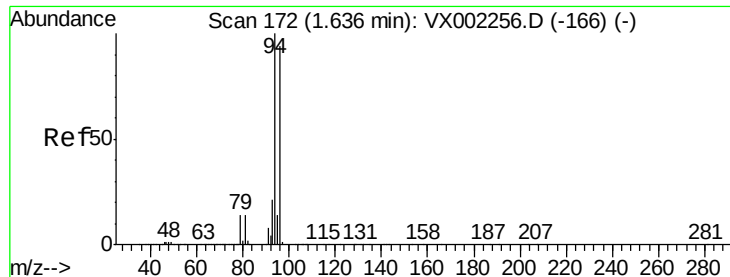
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 18.12 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 94 Resp: 30214

Ion Ratio Lower Upper

94 100

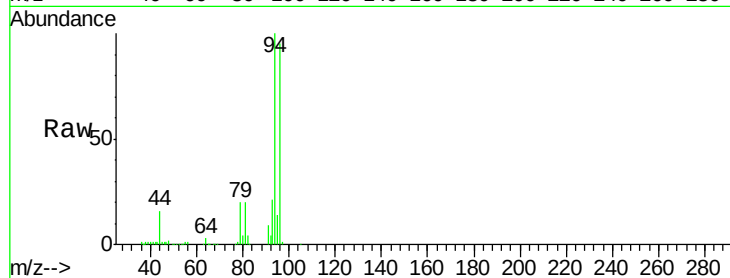
96 95.1 74.9 112.3

Manual Integrations

APPROVED

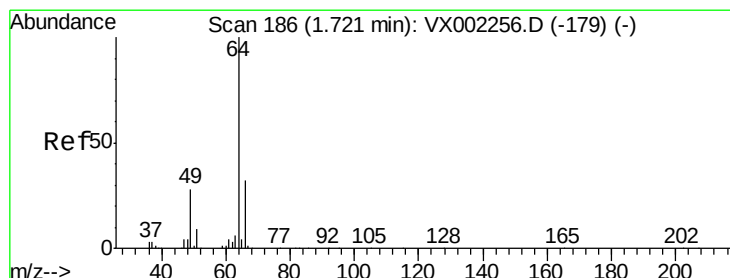
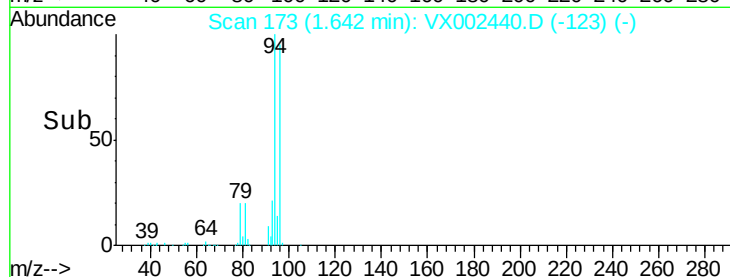
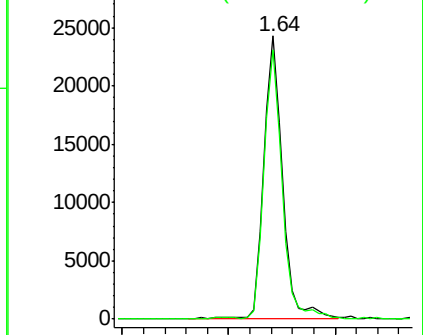
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.54 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002440.D

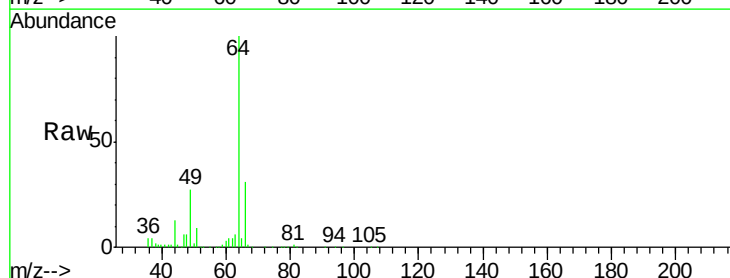
Acq: 11 Jun 2018 14:02

Tgt Ion: 64 Resp: 40155

Ion Ratio Lower Upper

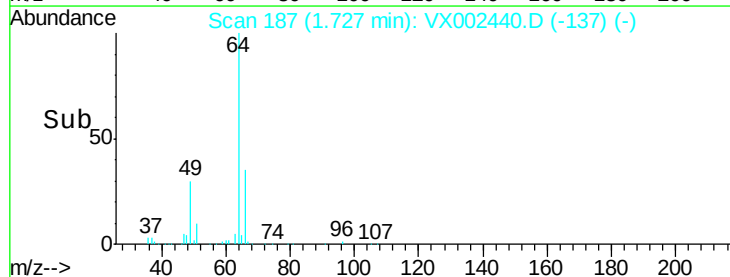
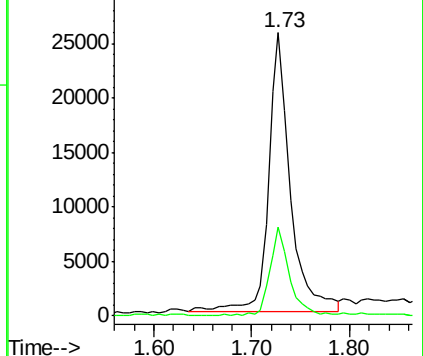
64 100

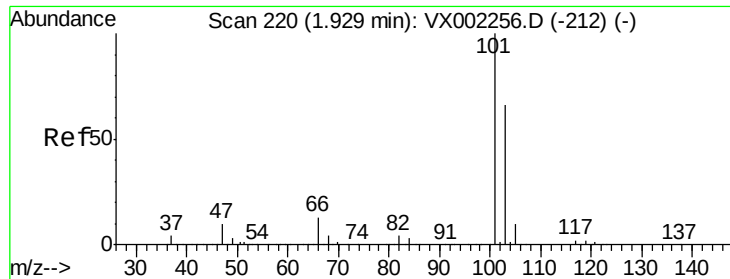
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

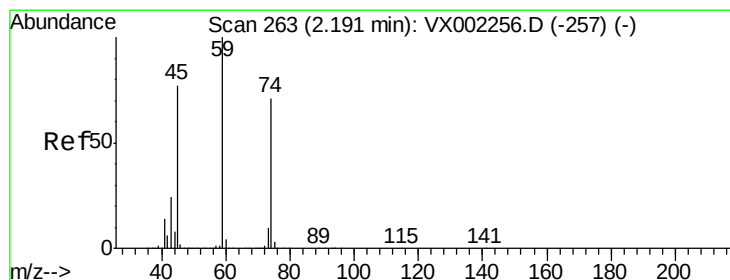
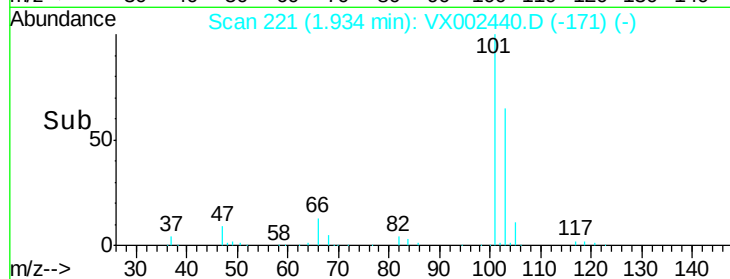
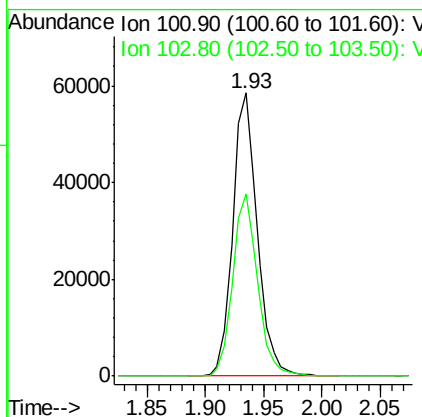
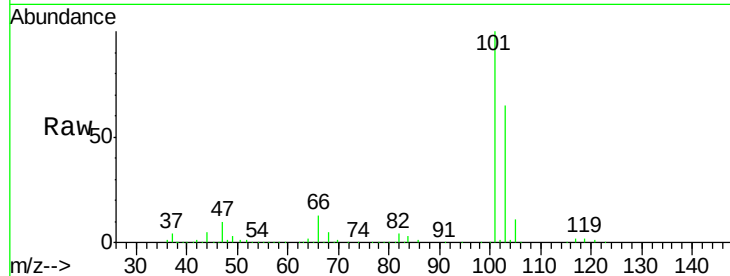
Trichlorofluoromethane
 Concen: 21.42 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

Manual Integrations
 APPROVED

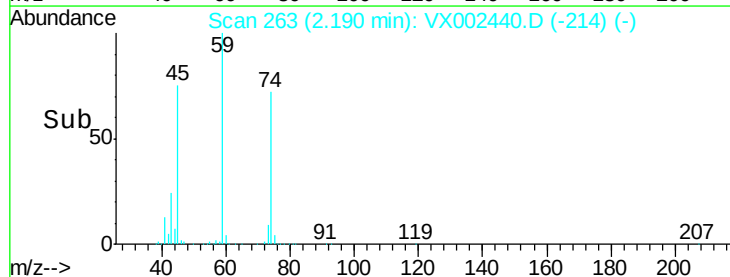
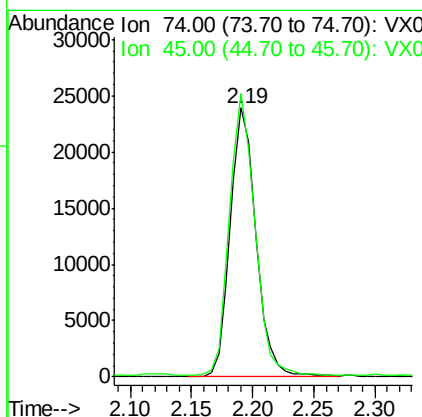
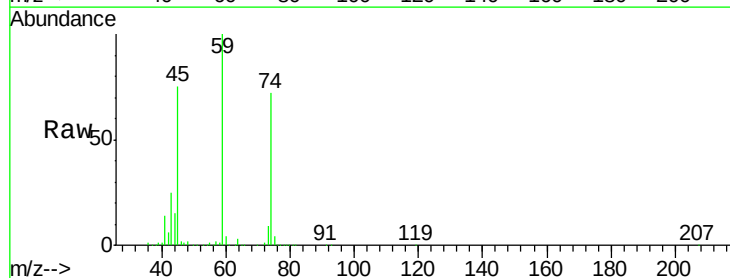
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 6/12/2018 4:50:31 PM

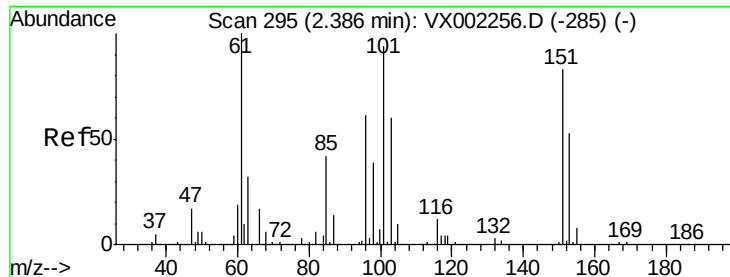


#8

Diethyl Ether
 Concen: 23.13 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

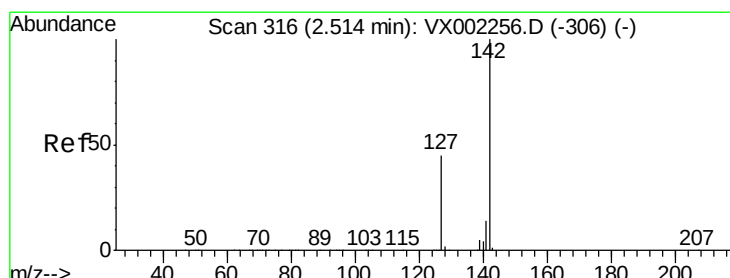
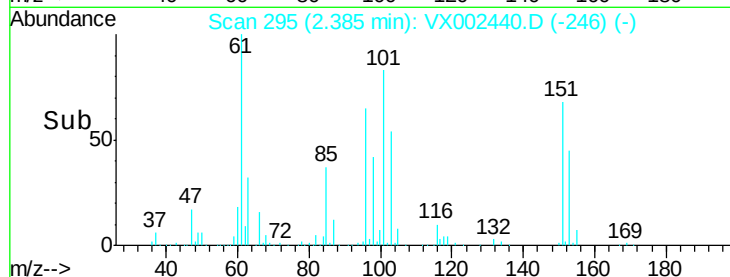
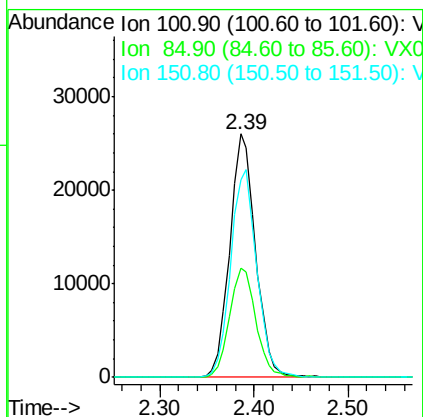
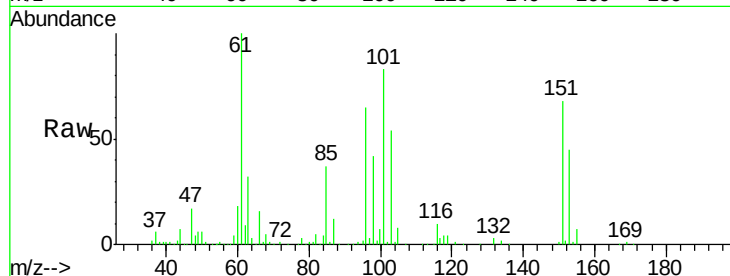
ClientSampled :

VX0611WBSD01

Tot Ion:	101	Resp:	49437
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.0	54.0
151	86.7	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 13.61 ug/l

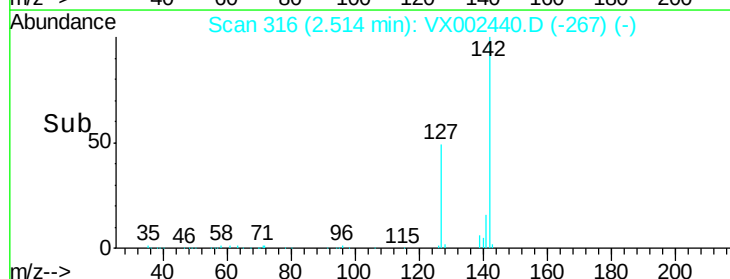
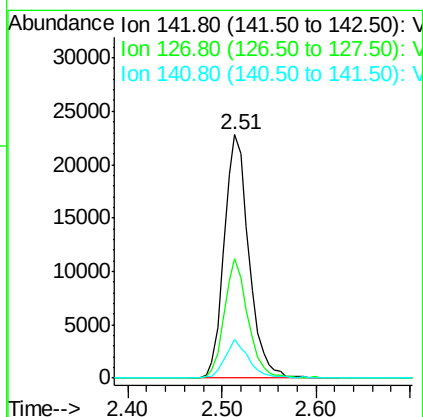
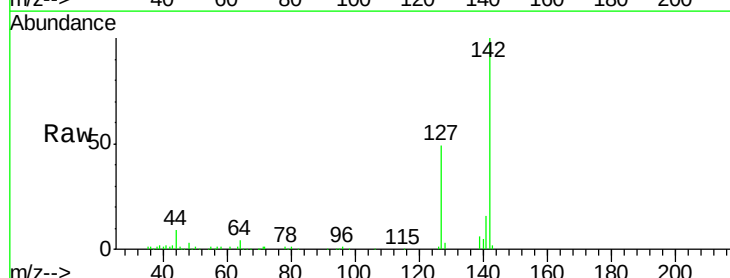
RT: 2.51 min Scan# 316

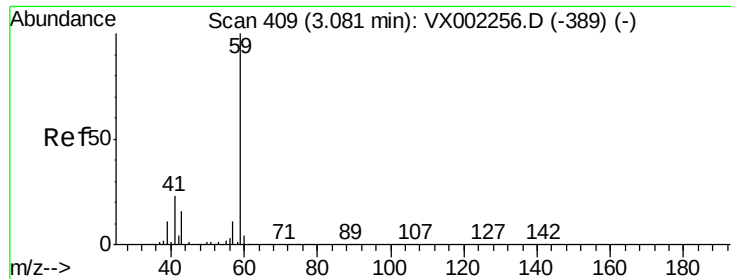
Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	142	Resp:	41503
Ion Ratio	Lower	Upper	
142	100		
127	47.1	36.6	55.0
141	15.1	11.3	16.9





#11

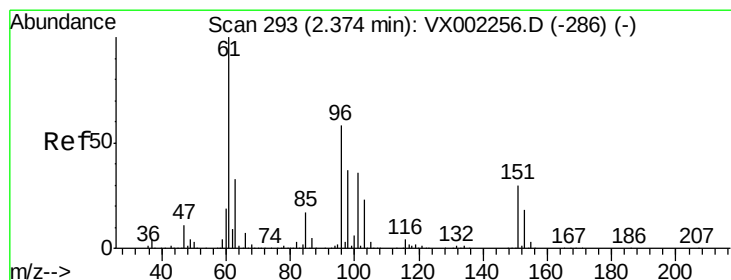
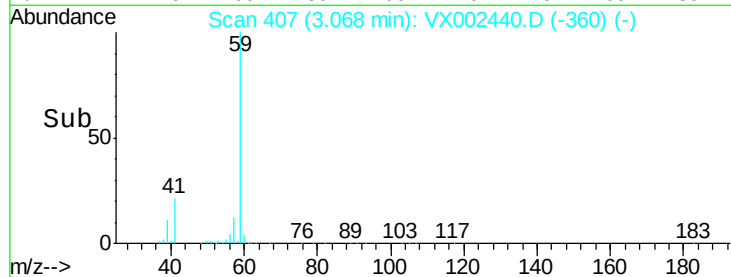
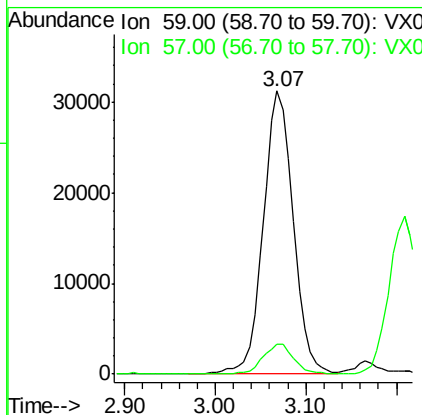
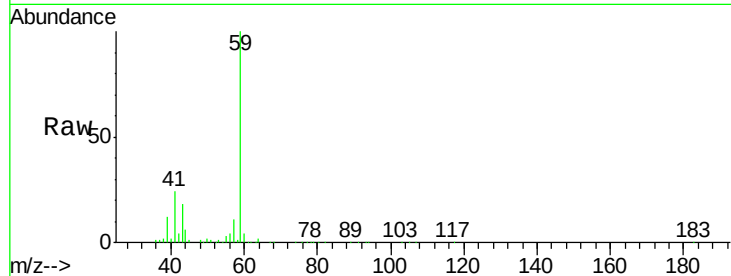
Tert butyl alcohol
 Concen: 110.33 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	59	Resp	71606
Ion Ratio	100	Lower	Upper
57	11.1	8.2	12.2

Manual Integrations
 APPROVED

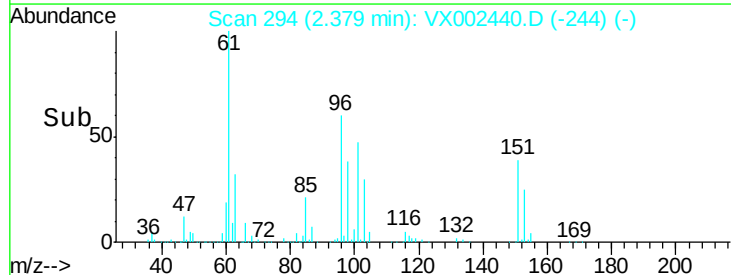
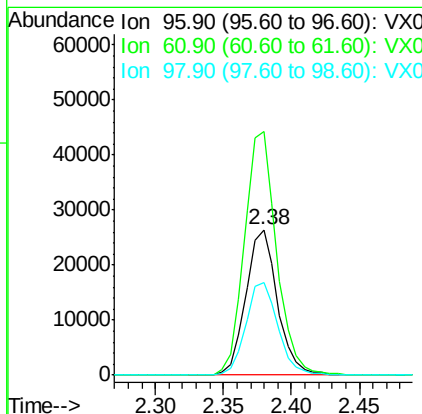
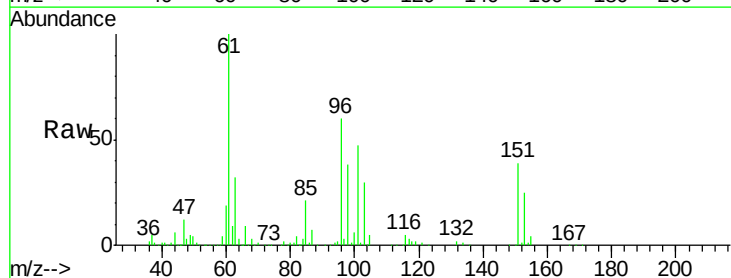
MMDadoda
 6/12/2018 4:50:31 PM

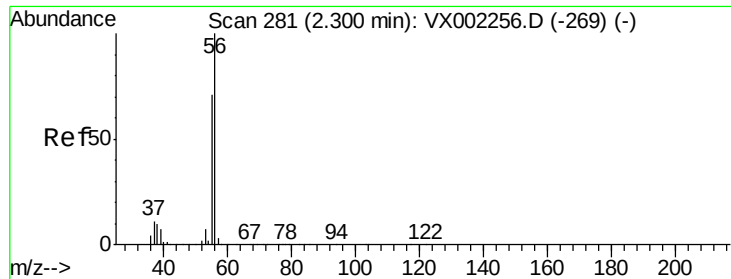


#12

1,1-Dichloroethene
 Concen: 20.07 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	96	Resp	42999
Ion Ratio	100	Lower	Upper
61	167.5	137.9	206.9
98	63.8	51.6	77.4





#13

Acrolein

Concen: 87.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 56 Resp: 26867

Ion Ratio Lower Upper

56 100

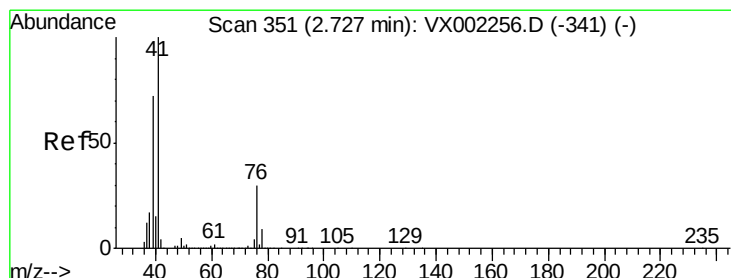
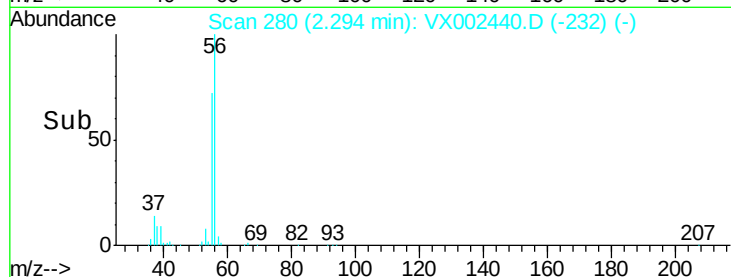
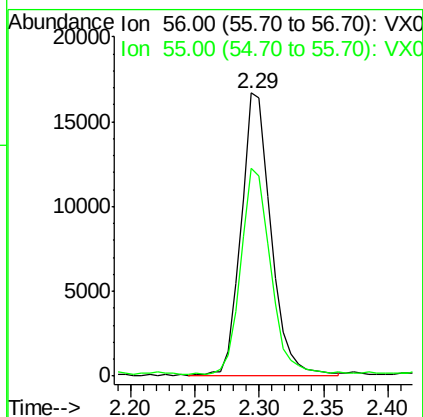
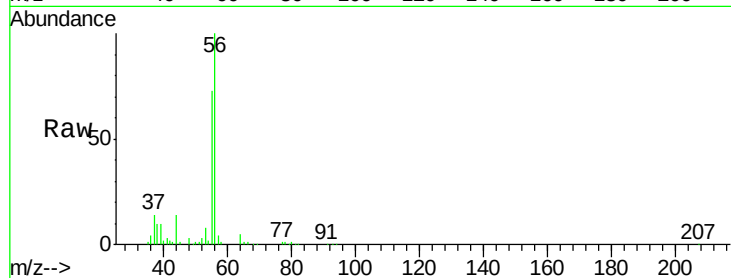
55 71.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.76 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

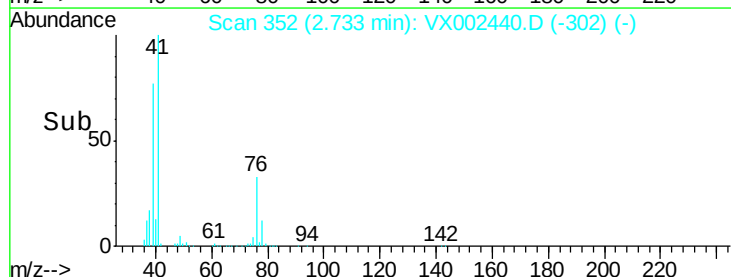
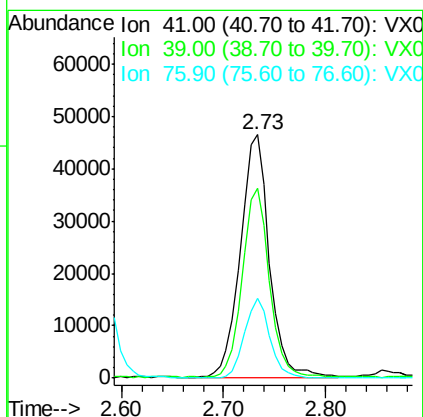
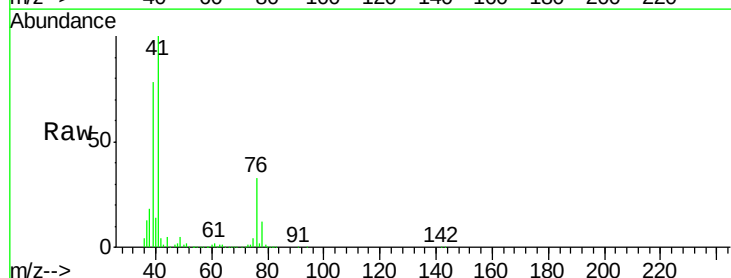
Tgt Ion: 41 Resp: 91869

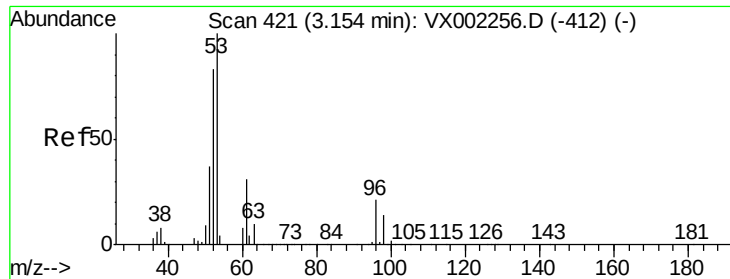
Ion Ratio Lower Upper

41 100

39 72.7 56.8 85.2

76 29.1 23.8 35.8





#15

Acrylonitrile

Concen: 118.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

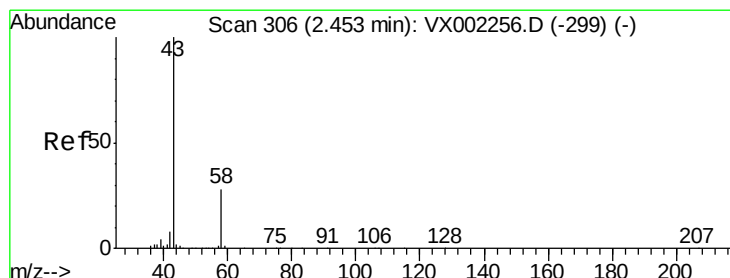
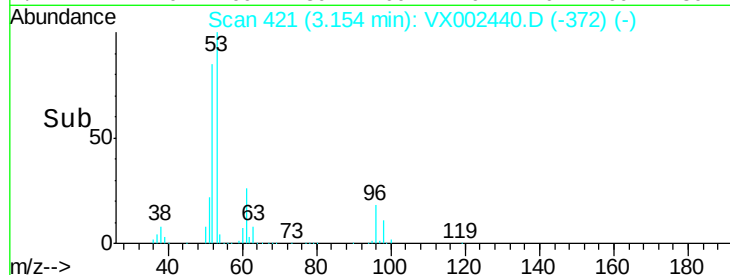
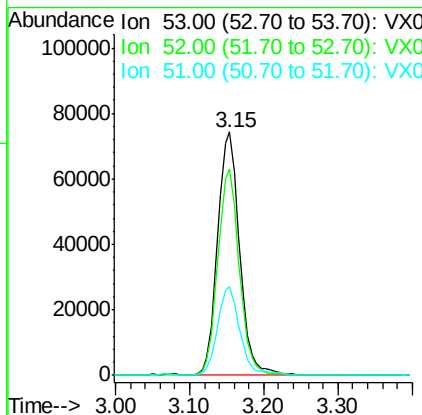
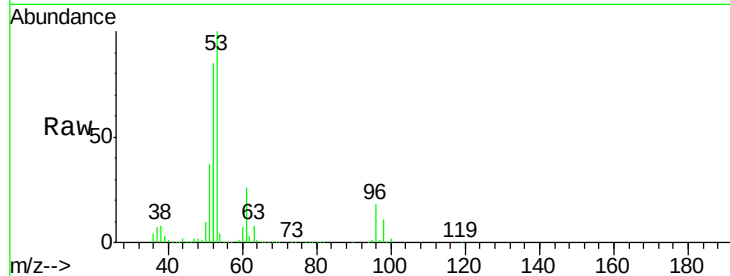
ClientSampleId :

VX0611WBSD01

Tot Ion:	53	Resp:	151276
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.7	100.1
51	37.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 120.69 ug/l

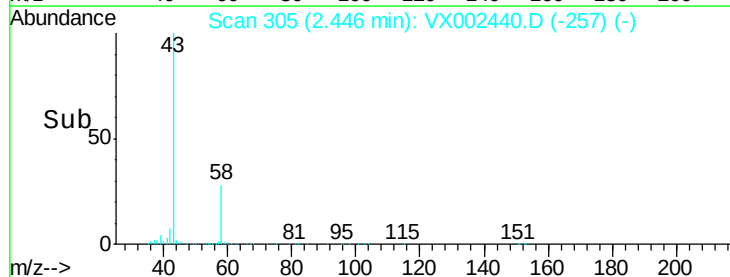
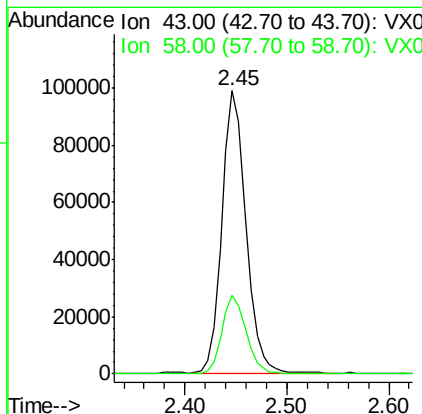
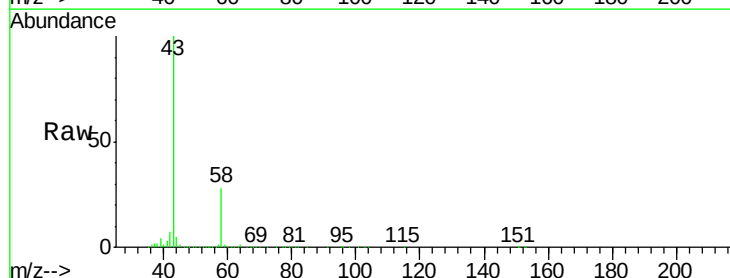
RT: 2.45 min Scan# 305

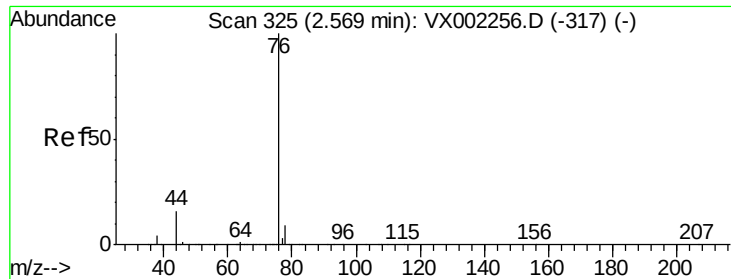
Delta R.T. -0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	43	Resp:	161677
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.1	33.1





#17

Carbon Disulfide

Concen: 17.71 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 76 Resp: 100014

Ion Ratio Lower Upper

76 100

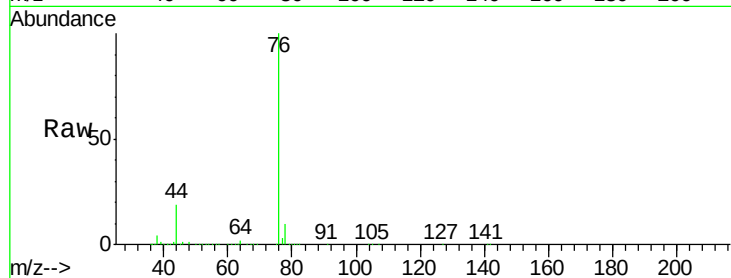
78 9.6 6.9 10.3

Manual Integrations

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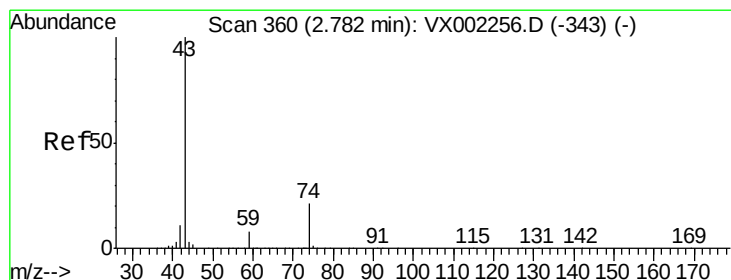
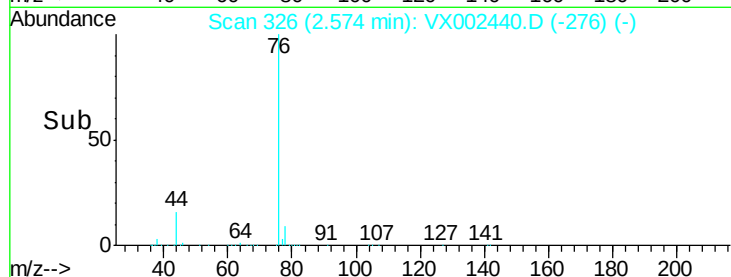
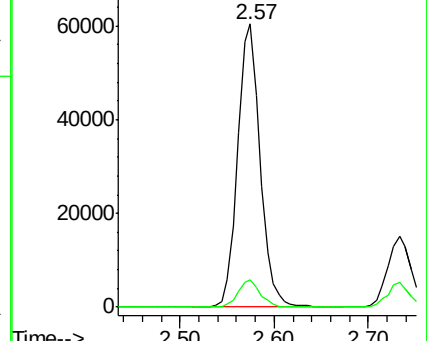
MMDadoda

6/12/2018 4:50:31 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002440.D

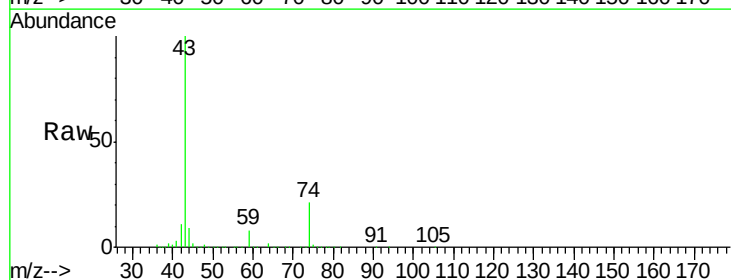
Acq: 11 Jun 2018 14:02

Tgt Ion: 43 Resp: 73366

Ion Ratio Lower Upper

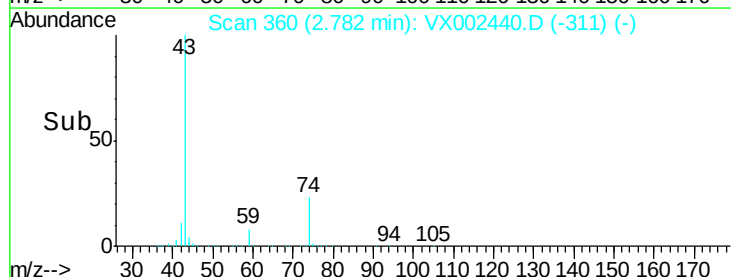
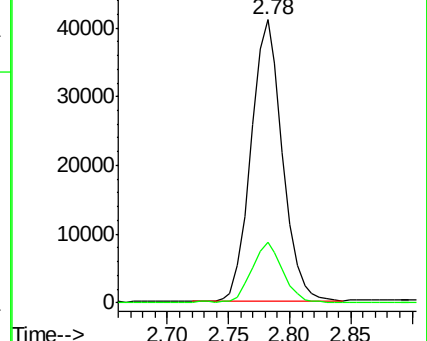
43 100

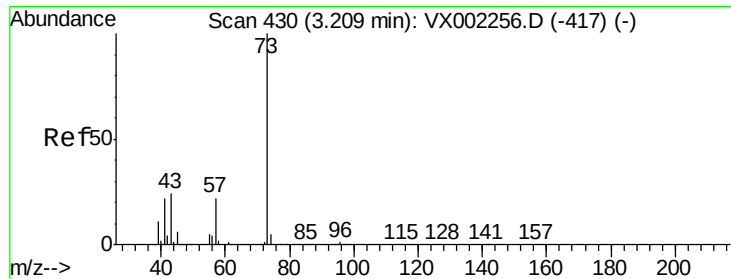
74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





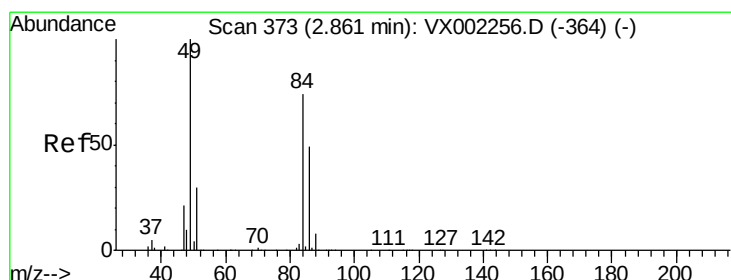
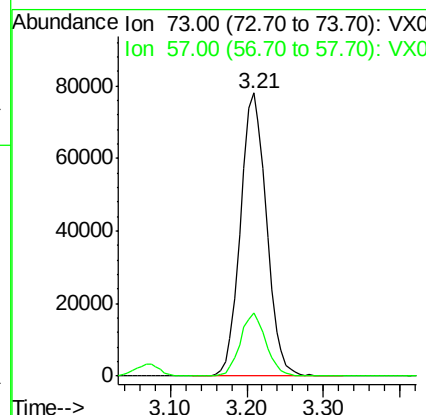
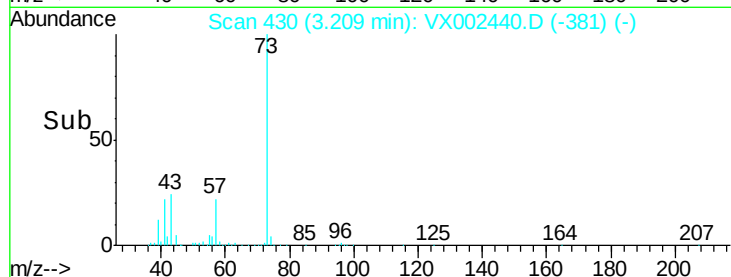
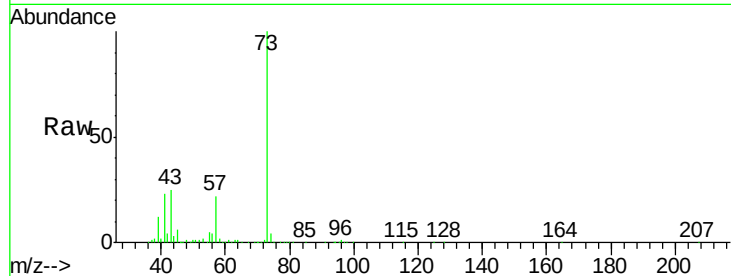
#19
Methyl tert-butyl Ether
Concen: 23.37 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.7	26.5

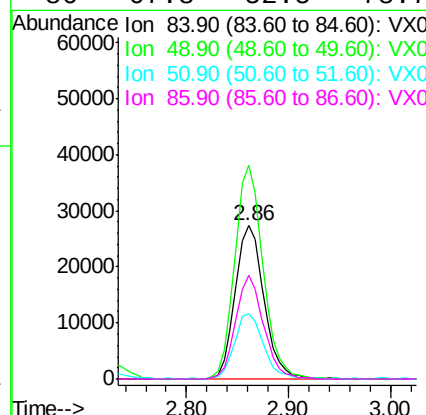
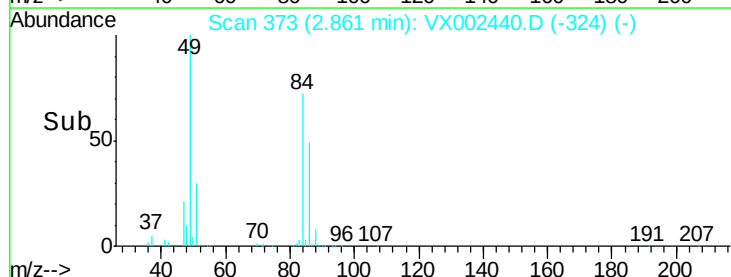
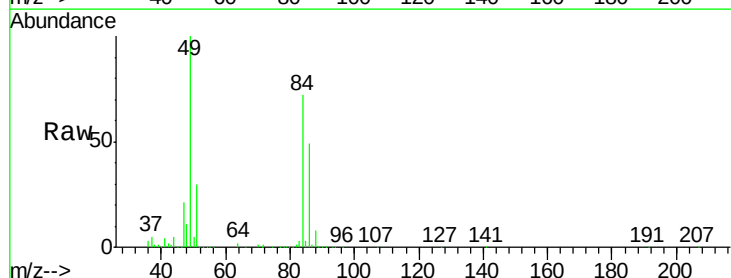
Manual Integrations
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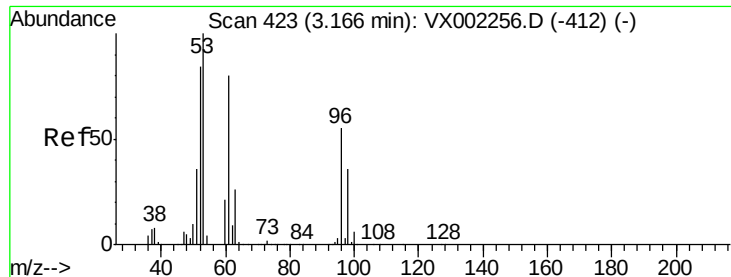
MMDadoda
6/12/2018 4:50:31 PM



#20
Methylene Chloride
Concen: 21.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.2	107.8	161.6
51	41.9	32.8	49.2
86	67.8	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.16 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 96 Resp: 47633

Ion Ratio Lower Upper

96 100

61 151.0 117.0 175.4

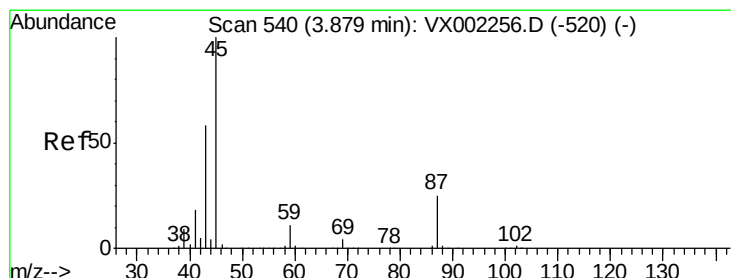
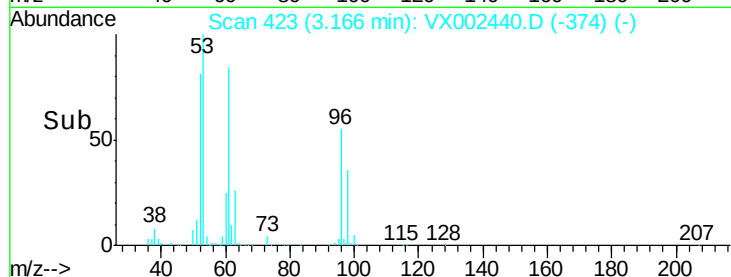
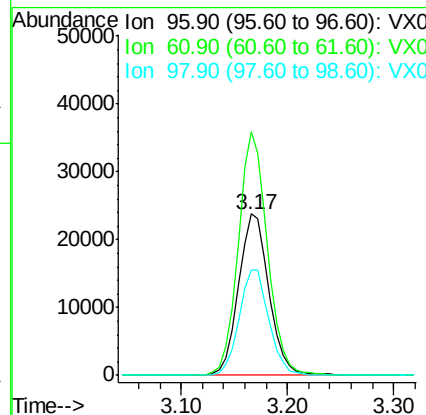
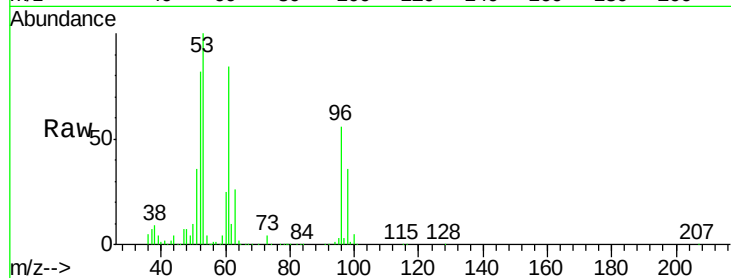
98 65.3 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.95 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion: 45 Resp: 176981

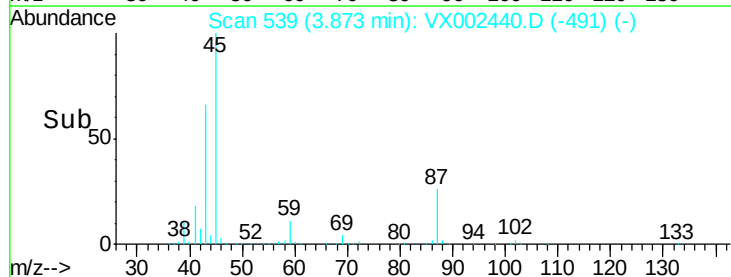
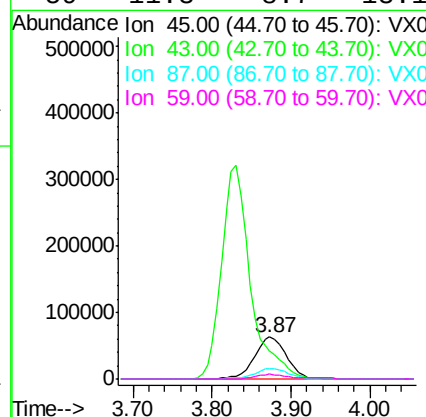
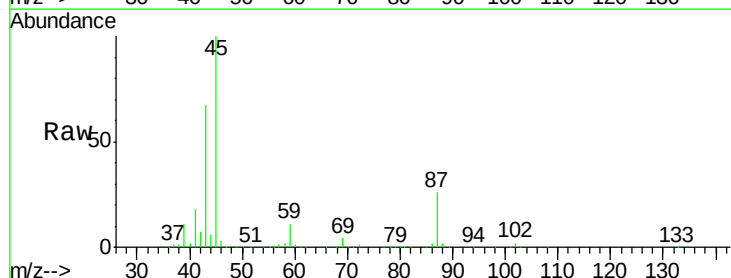
Ion Ratio Lower Upper

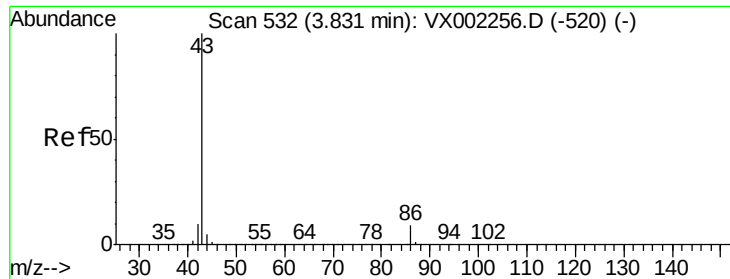
45 100

43 65.8 46.8 70.2

87 25.8 20.2 30.4

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 109.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 43 Resp: 824525

Ion Ratio Lower Upper

43 100

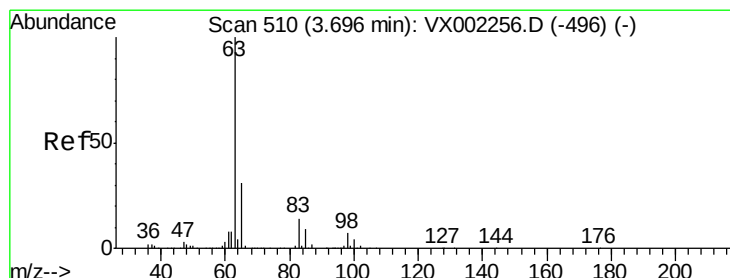
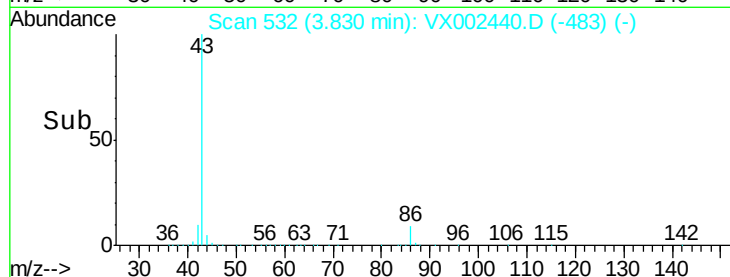
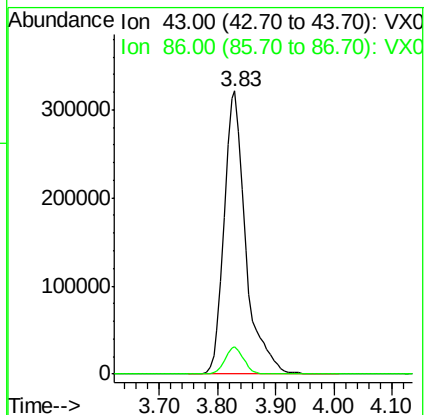
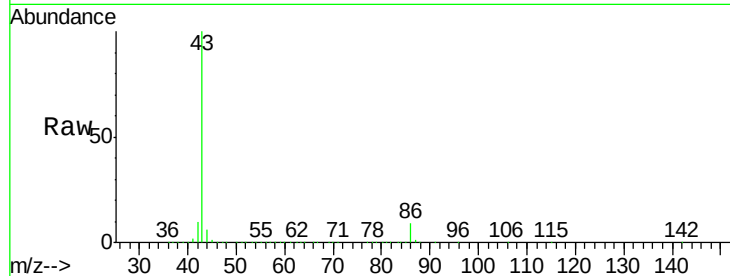
86 9.5 7.4 11.0

Manual Integrations

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MMDadoda

6/12/2018 4:50:31 PM



#24

1,1-Dichloroethane

Concen: 21.27 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

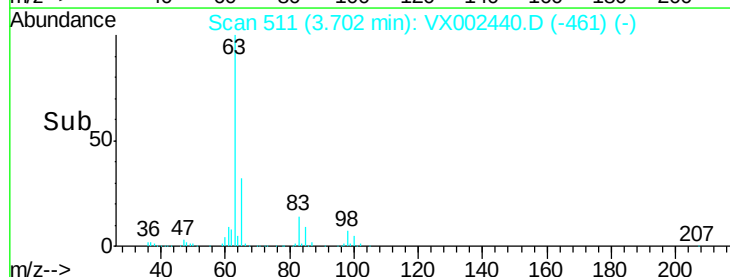
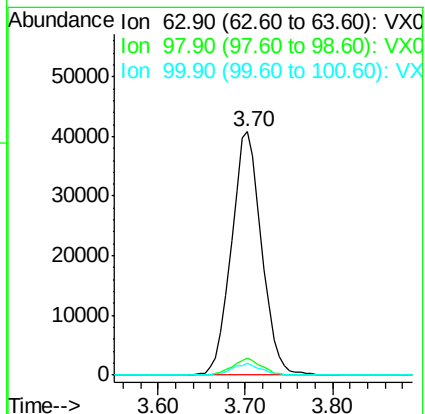
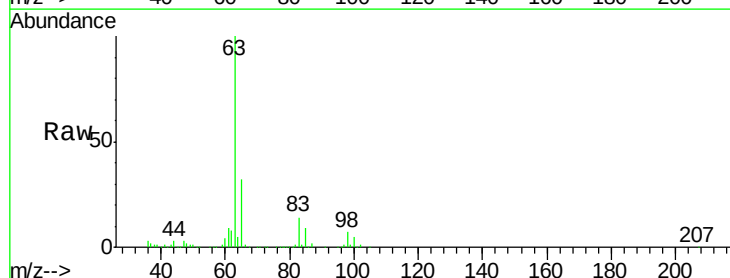
Tgt Ion: 63 Resp: 97738

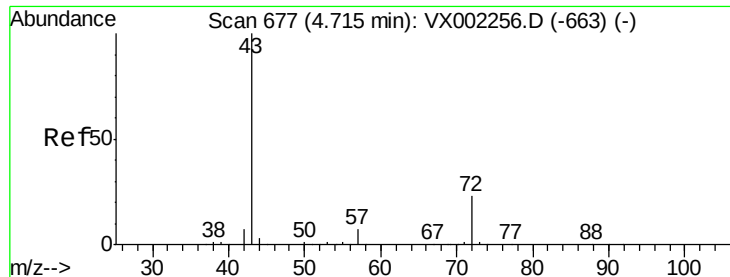
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 101.43 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 43 Resp: 200165

Ion Ratio Lower Upper

43 100

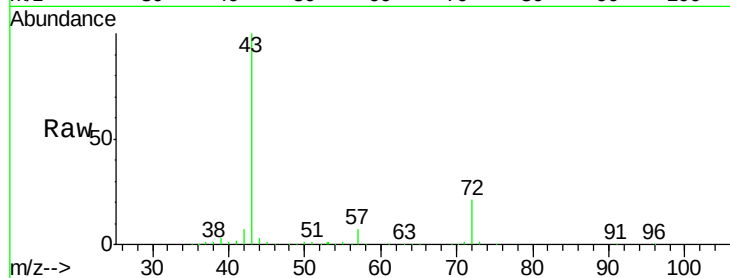
72 21.5 18.5 27.7

Manual Integrations

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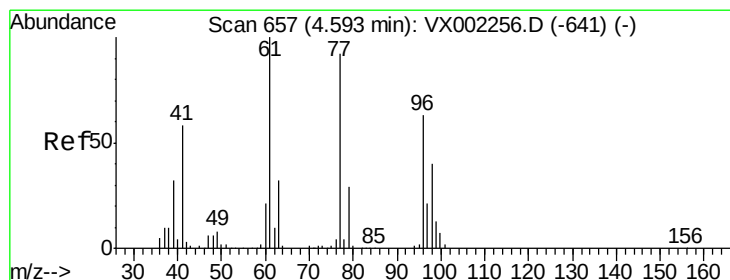
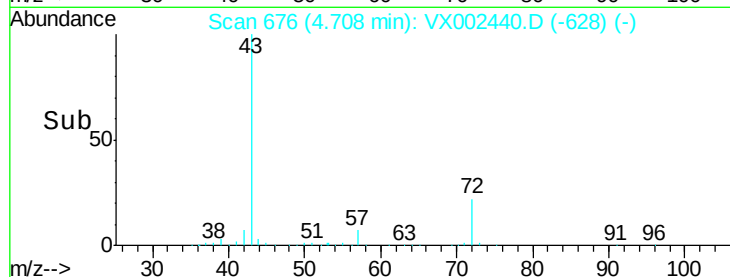
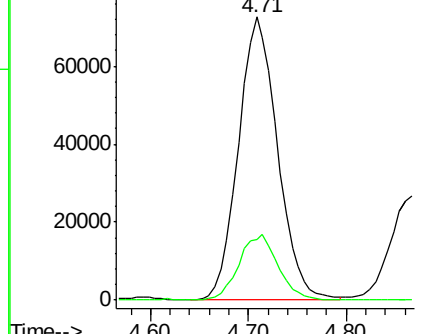
MMDadoda

6/12/2018 4:50:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.19 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002440.D

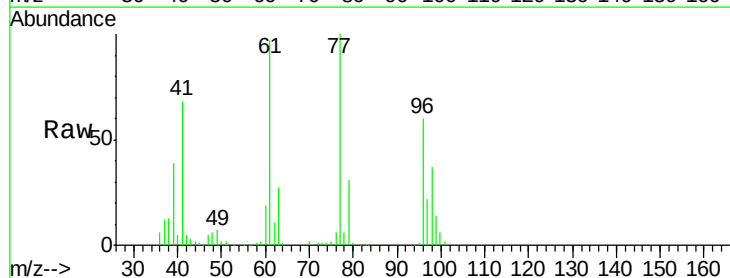
Acq: 11 Jun 2018 14:02

Tgt Ion: 77 Resp: 65356

Ion Ratio Lower Upper

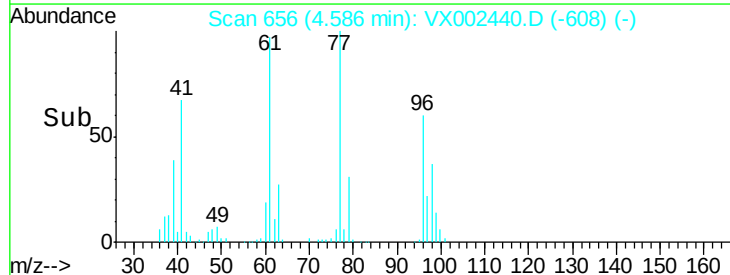
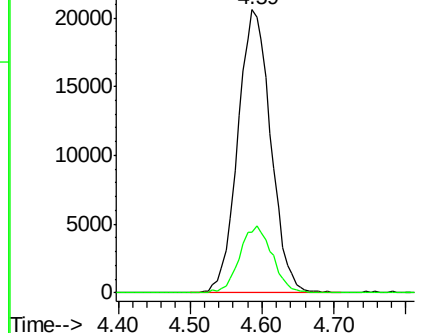
77 100

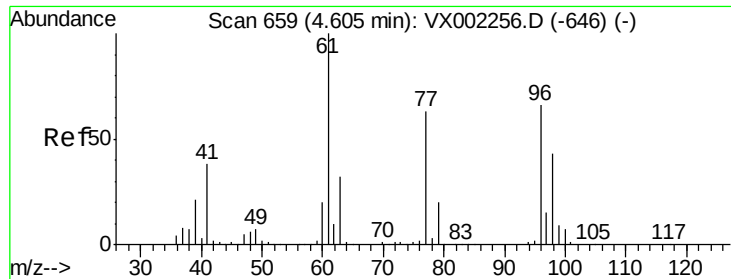
97 23.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

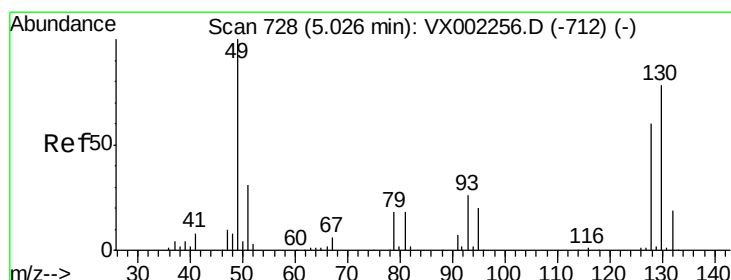
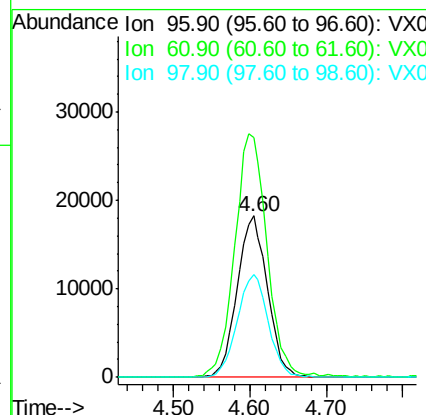
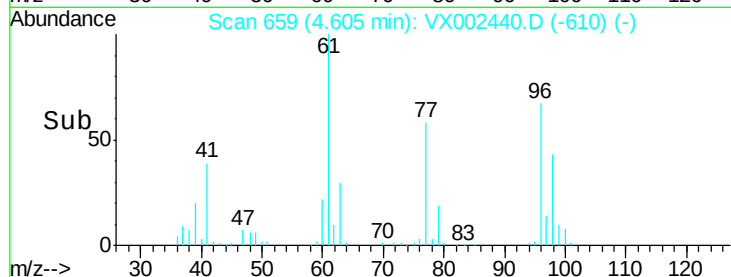
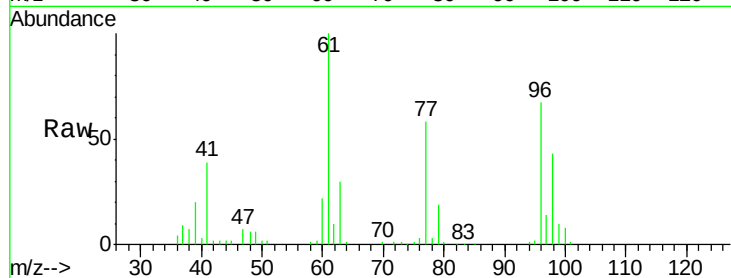
ClientSampleId :

VX0611WBSD01

Tot Ion:	96	Resp:	50033
Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	330.2
98	65.2	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.16 ug/l

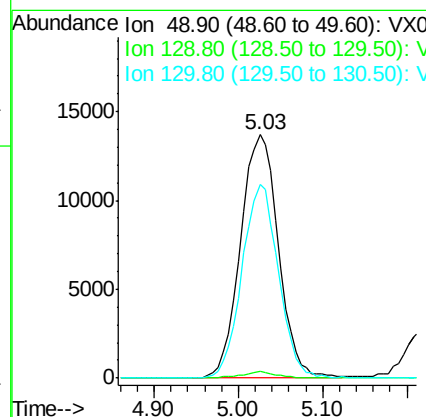
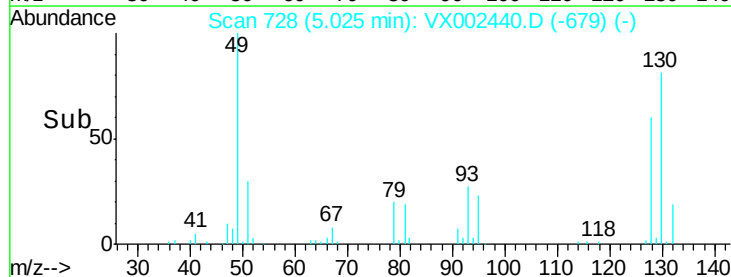
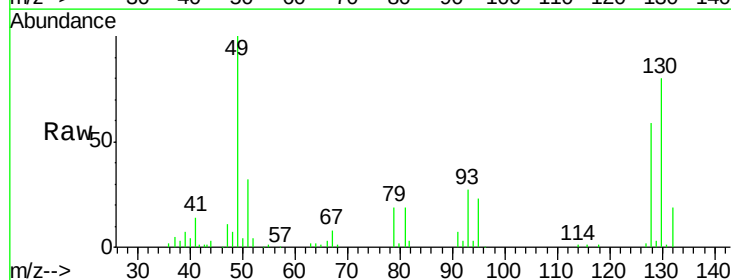
RT: 5.03 min Scan# 728

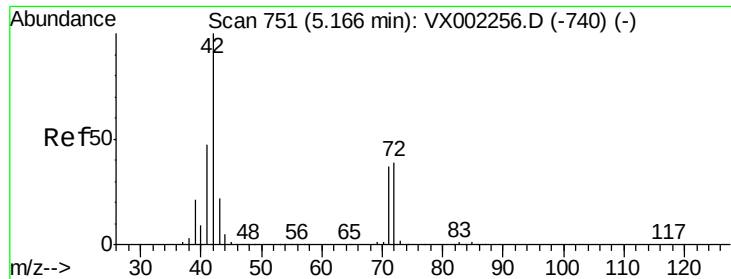
Delta R.T. 0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	49	Resp:	41738
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	76.1	61.2	91.8





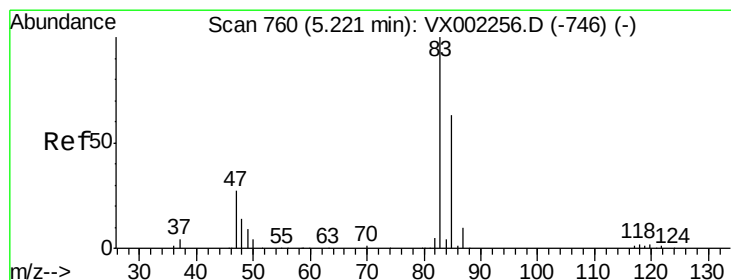
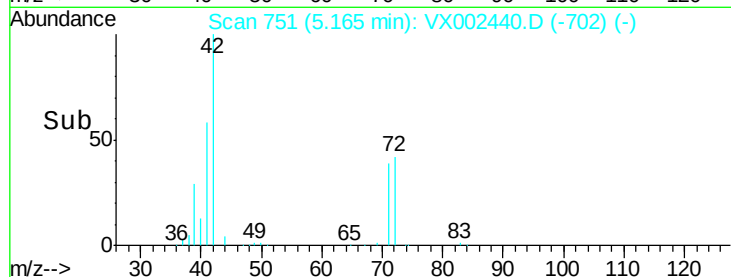
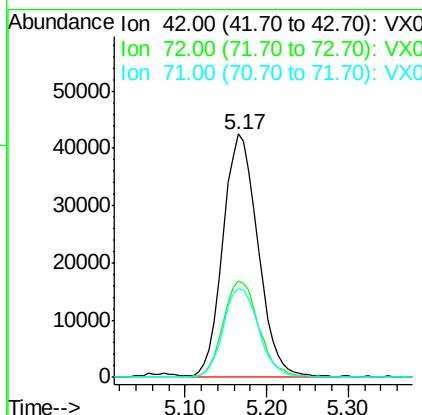
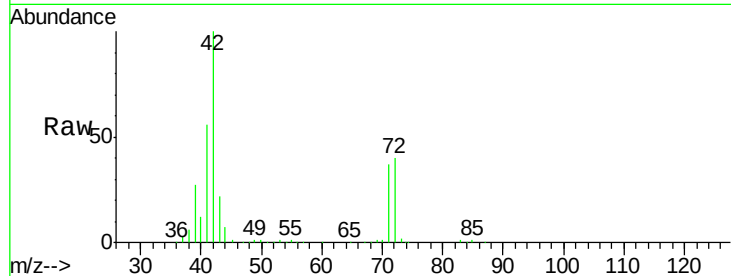
#29
Tetrahydrofuran
Concen: 98.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	37.6	30.1	45.1

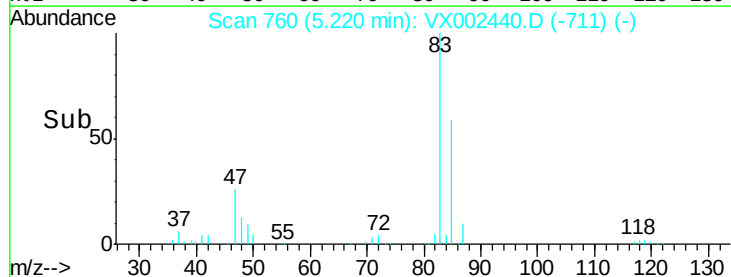
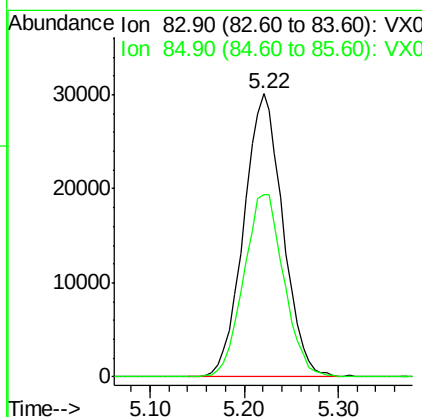
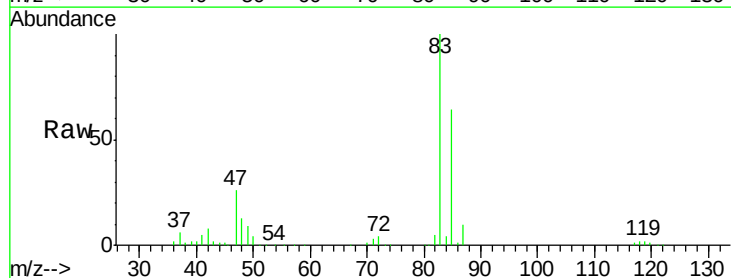
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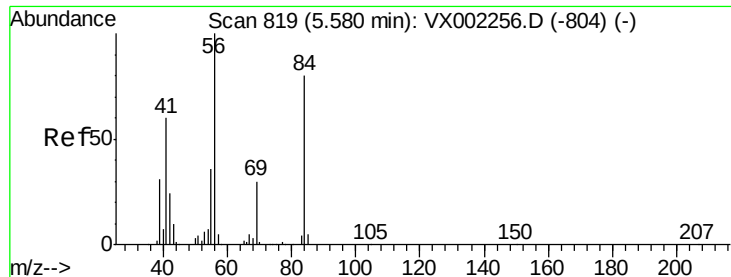
MMDadoda
6/12/2018 4:50:31 PM



#30
Chloroform
Concen: 19.75 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6





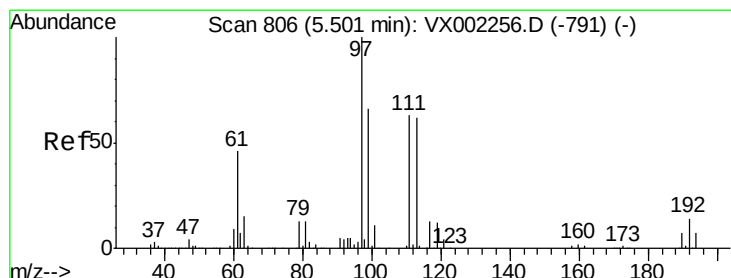
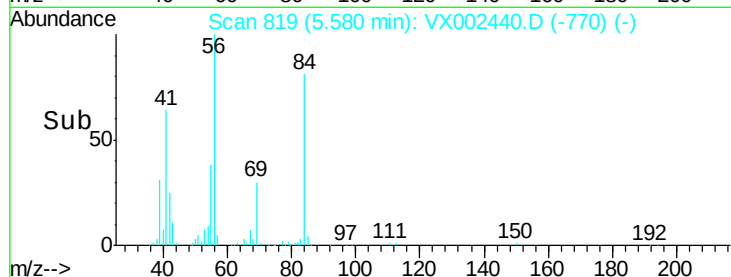
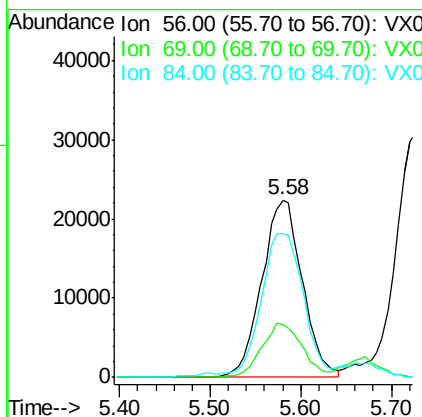
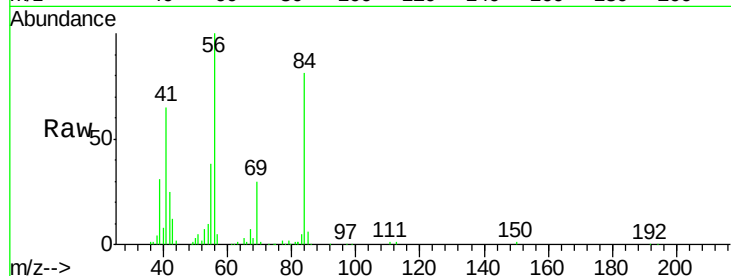
#31
Cyclohexane
Concen: 19.06 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	80.0	64.1	96.1

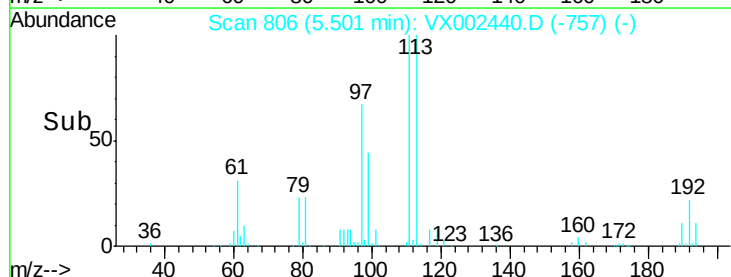
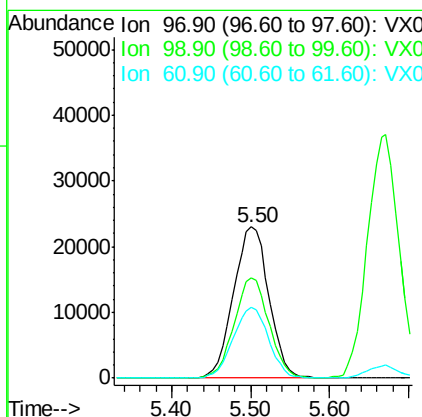
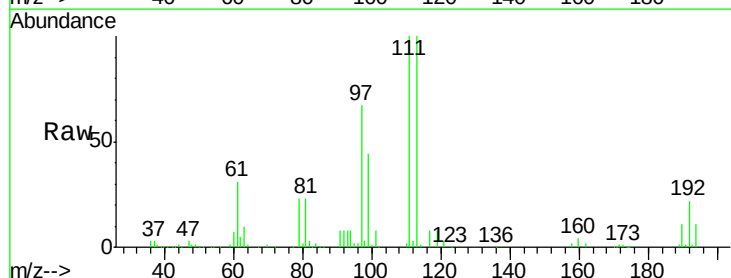
Manual Integrations
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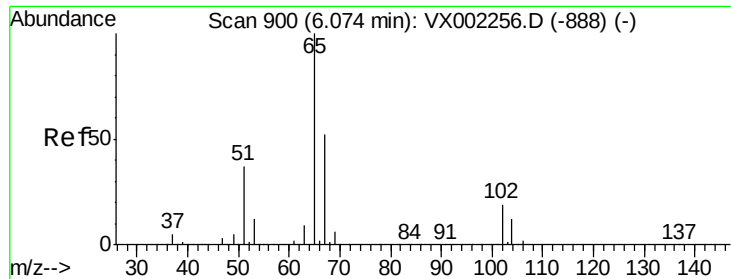
MMDadoda
6/12/2018 4:50:31 PM



#32
1,1,1-Trichloroethane
Concen: 19.08 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	47.3	36.4	54.6





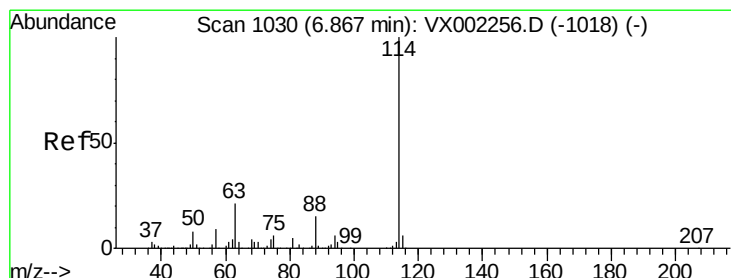
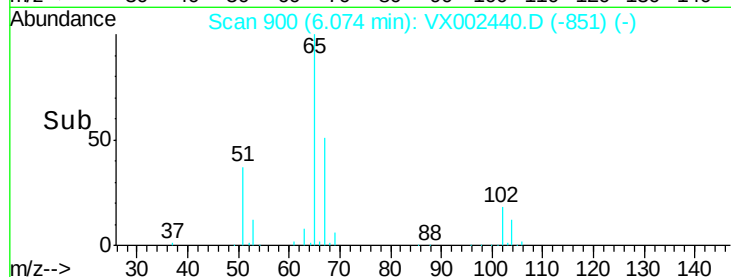
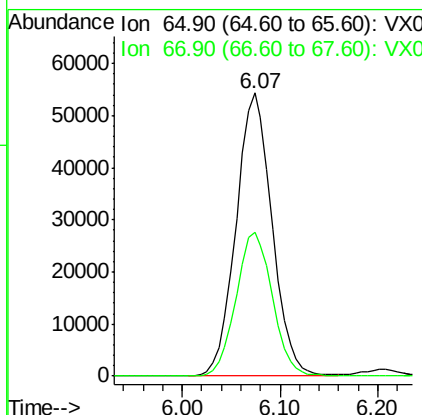
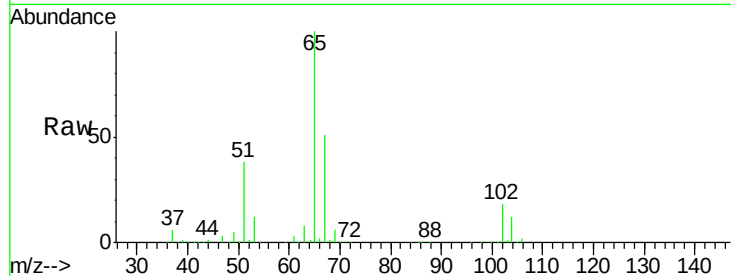
#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138520		
67	51.5	0.0	102.6	

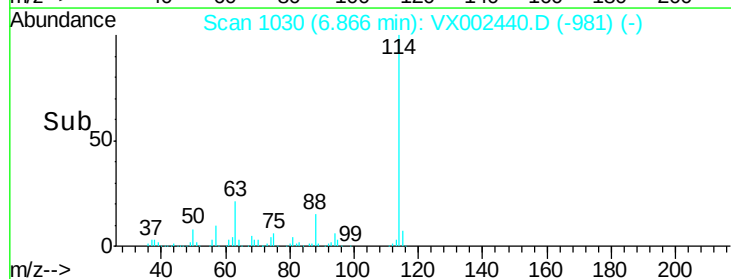
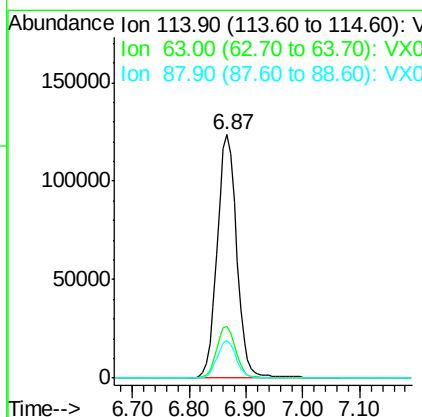
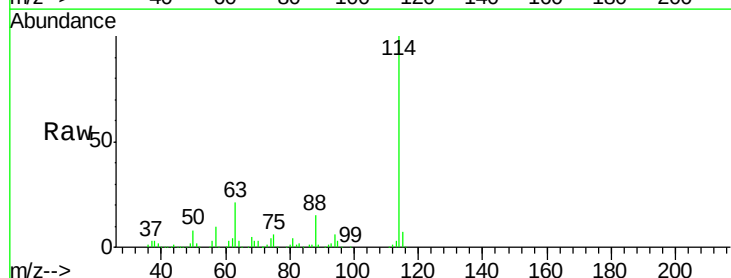
Manual Integrations
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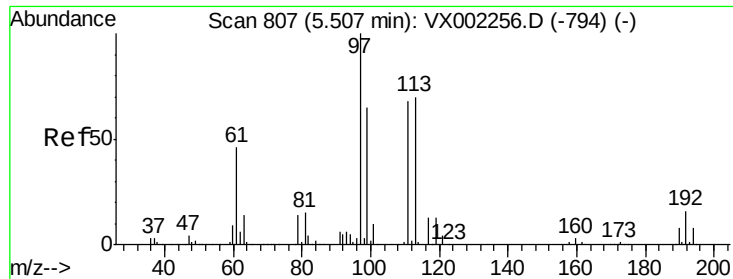
MMDadoda
 6/12/2018 4:50:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295817		
63	20.9	0.0	41.4	
88	15.5	0.0	30.0	





#35

Dibromofluoromethane

Concen: 44.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

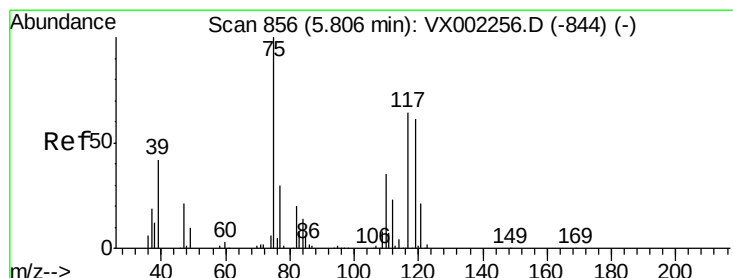
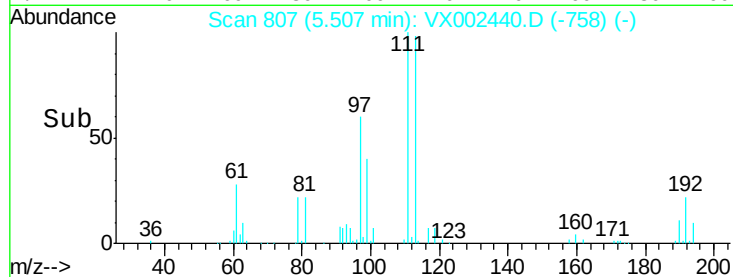
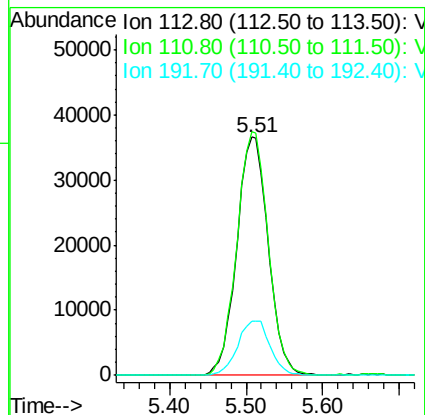
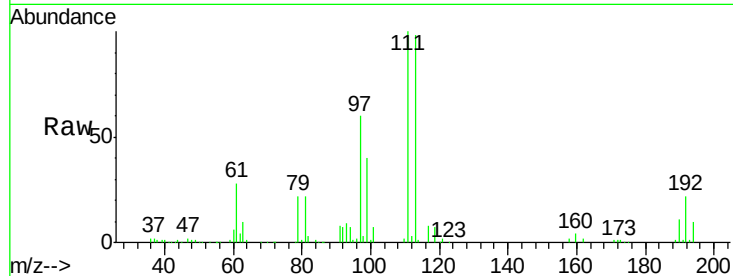
ClientSampleId :

VX0611WBSD01

Tot Ion:	113	Resp:	104519
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	23.5	19.1	28.7

Manual Integrations
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MMDadoda
6/12/2018 4:50:31 PM



#36

1,1-Dichloropropene

Concen: 18.66 ug/l

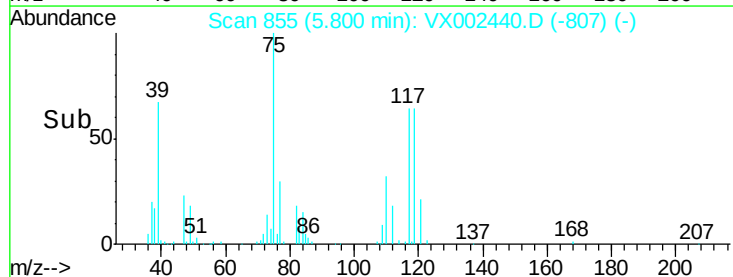
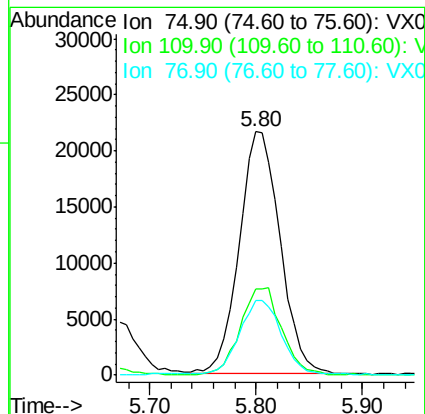
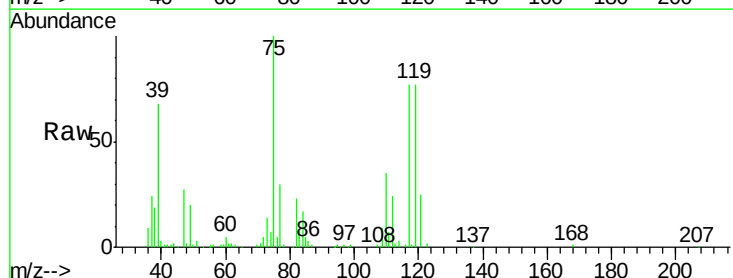
RT: 5.80 min Scan# 855

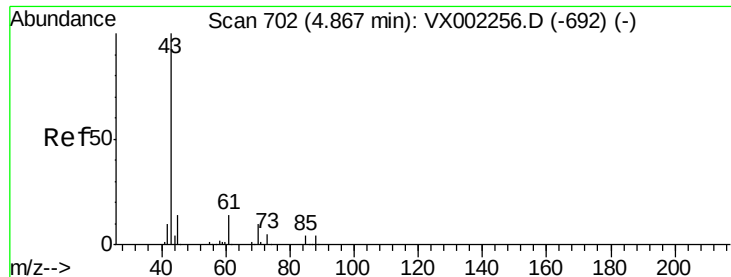
Delta R.T. -0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	75	Resp:	58023
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.4
77	32.3	24.3	36.5





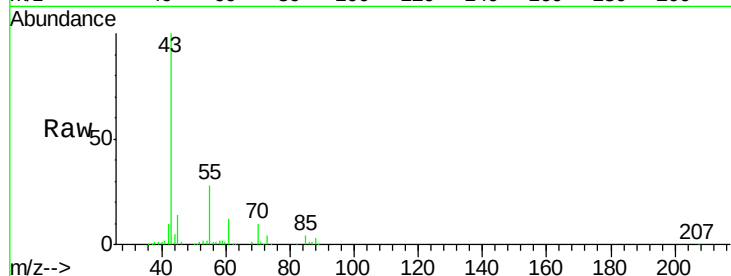
#37
Ethyl Acetate
Concen: 20.66 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.5	7.6	11.4

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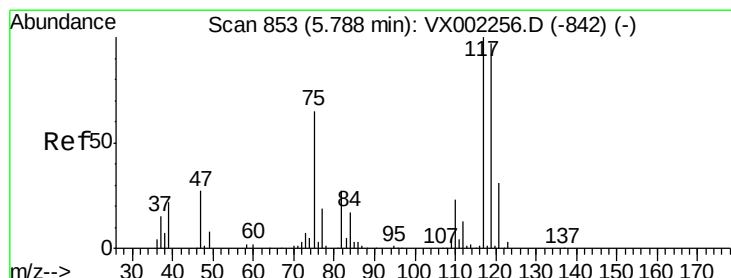
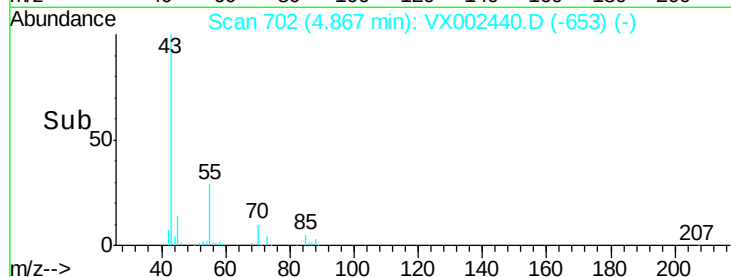
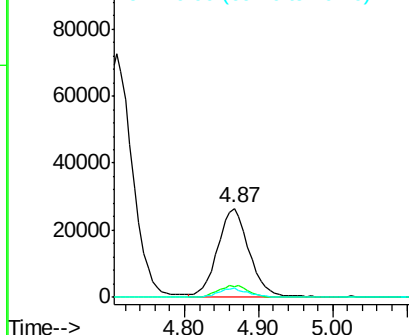


Abundance

Ion 43.00 (42.70 to 43.70): VX0

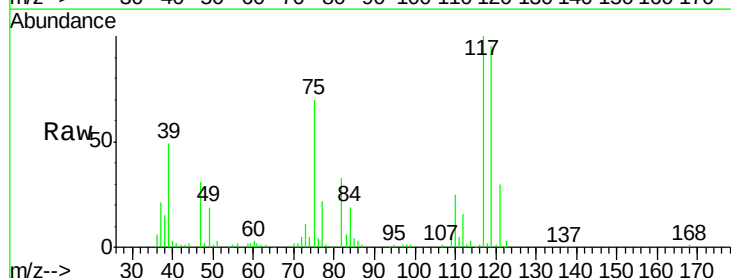
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 18.95 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	29.6	24.4	36.6

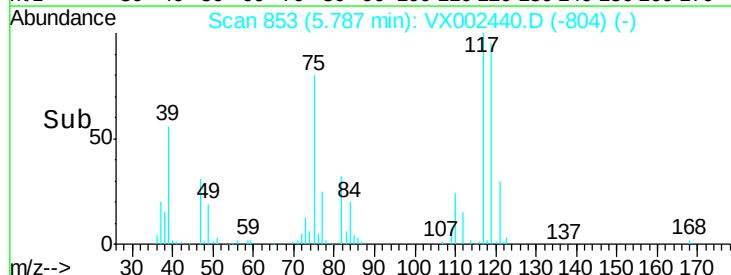
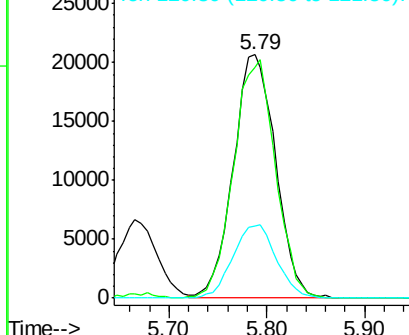


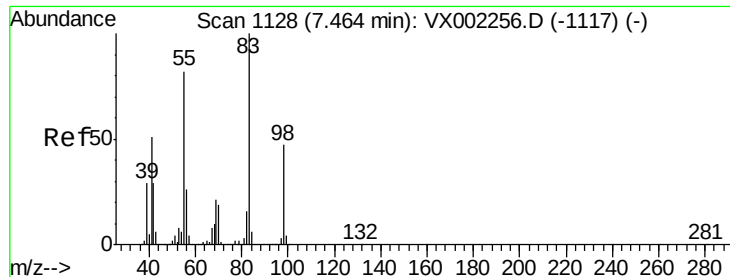
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





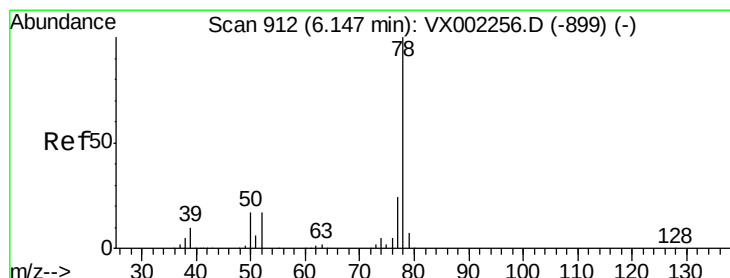
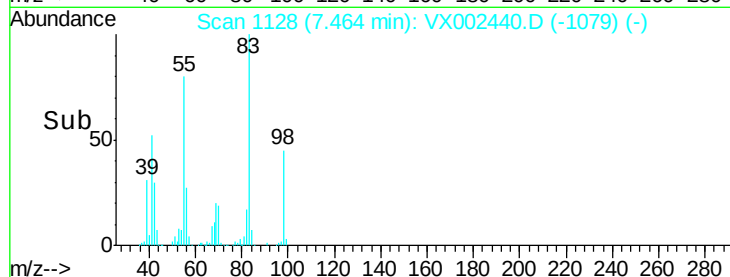
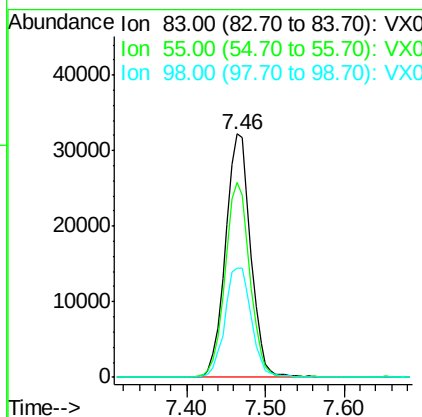
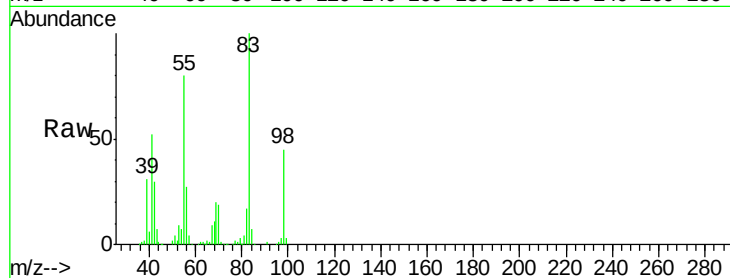
#39
Methylvlcyclohexane
Concen: 18.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	65.4	98.0
98	45.0	37.4	56.0

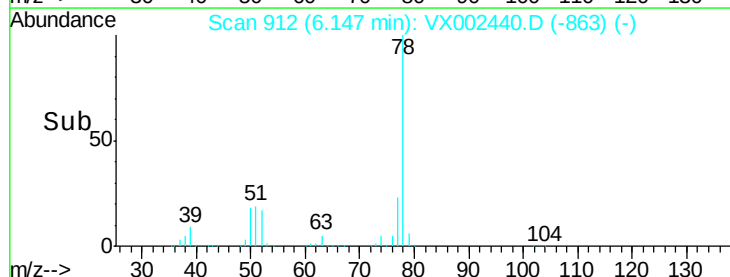
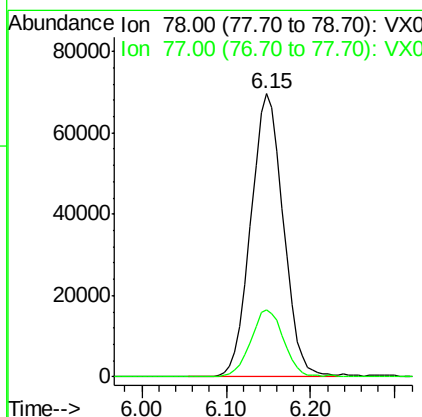
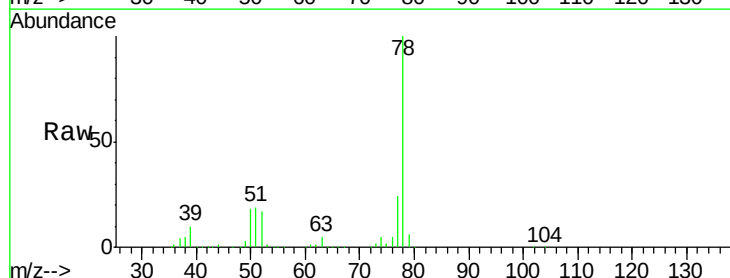
Manual Integrations
APPROVED

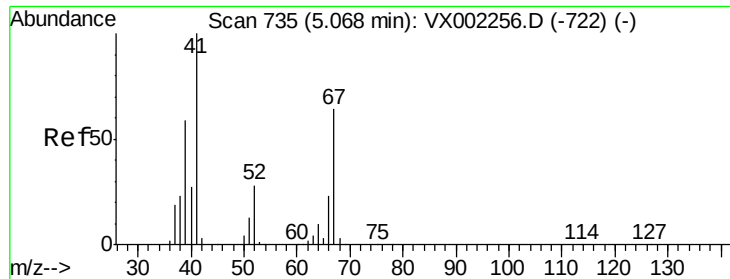
MMDadoda
6/12/2018 4:50:31 PM



#40
Benzene
Concen: 19.20 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





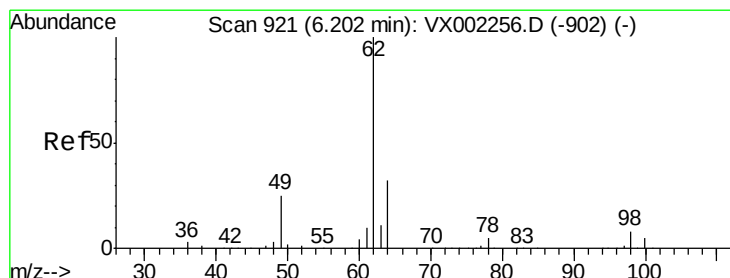
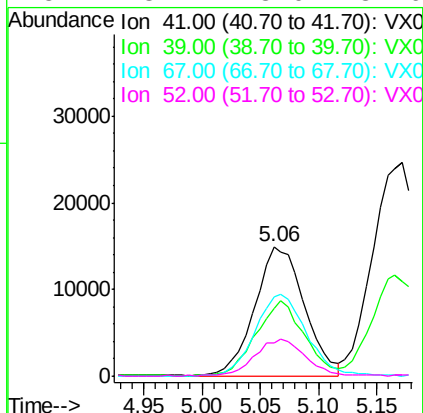
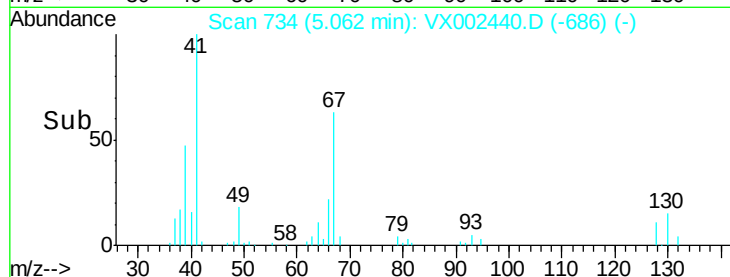
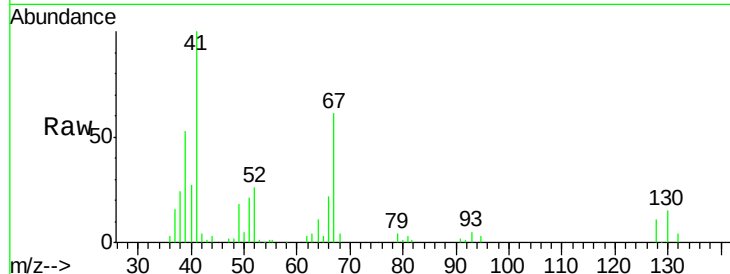
#41
Methacrylonitrile
Concen: 20.53 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	45.8	68.6	
67	66.3	51.3	76.9	
52	28.7	23.0	34.6	

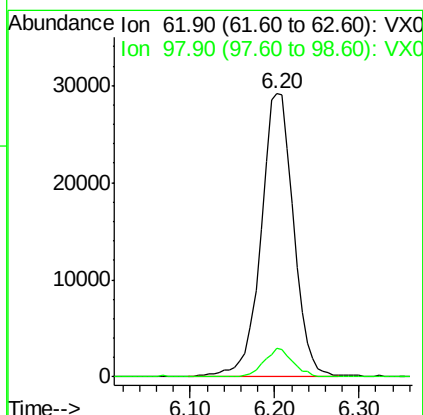
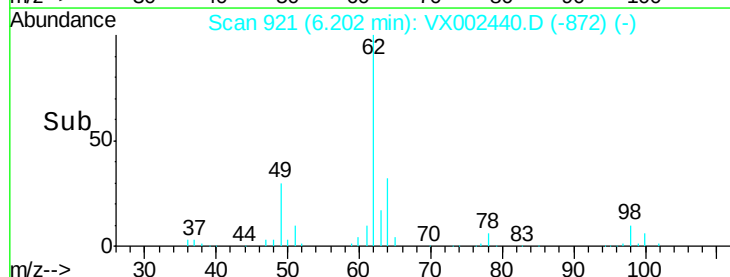
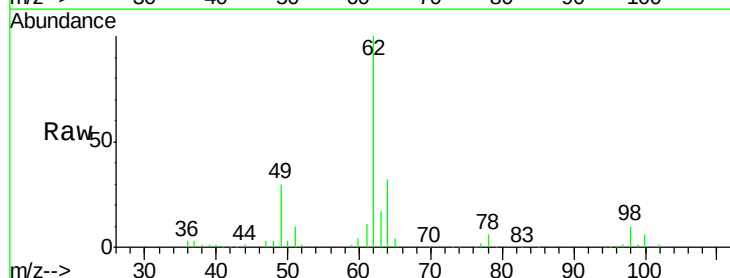
Manual Integrations
APPROVED

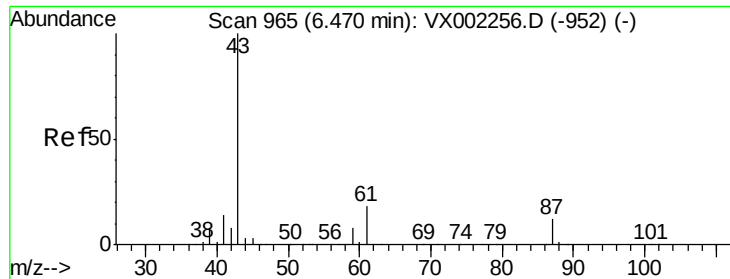
MMDadoda
6/12/2018 4:50:31 PM



#42
1,2-Dichloroethane
Concen: 20.52 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	16.6	





#43

Isopropyl Acetate

Concen: 19.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

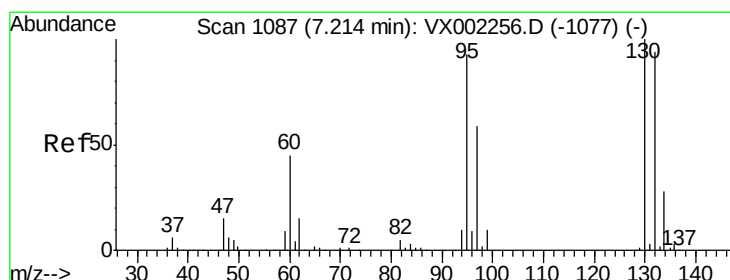
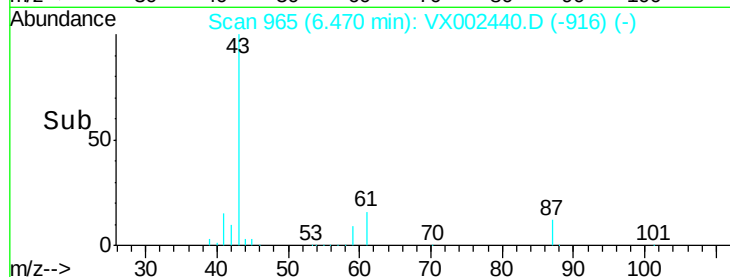
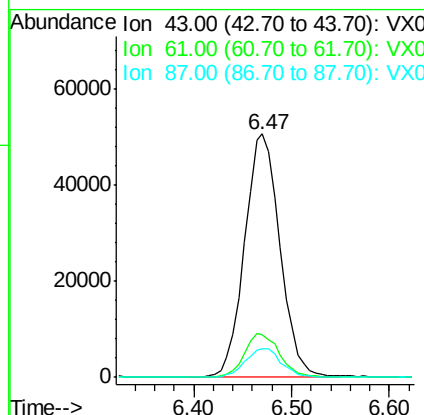
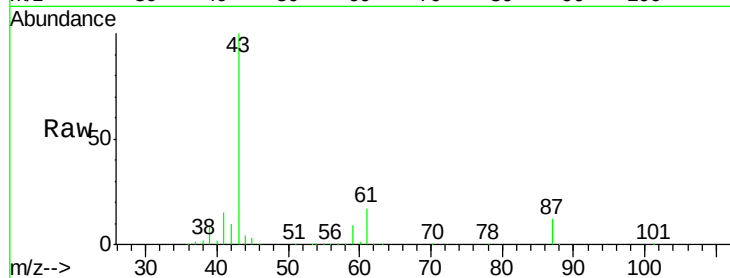
ClientSampleId :

VX0611WBSD01

Tot Ion:	43	Resp:	126085
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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MMDadoda
6/12/2018 4:50:31 PM



#44

Trichloroethene

Concen: 19.23 ug/l

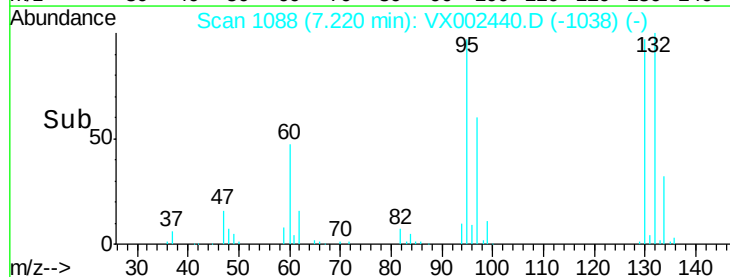
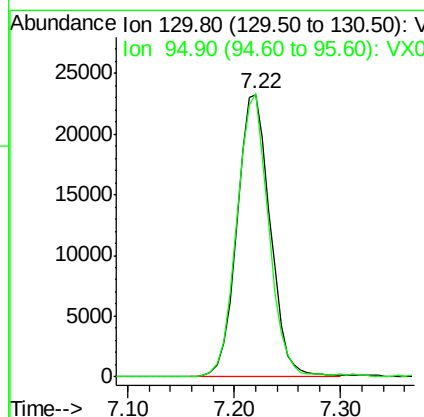
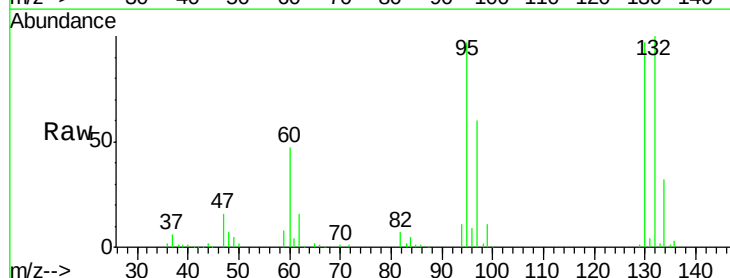
RT: 7.22 min Scan# 1088

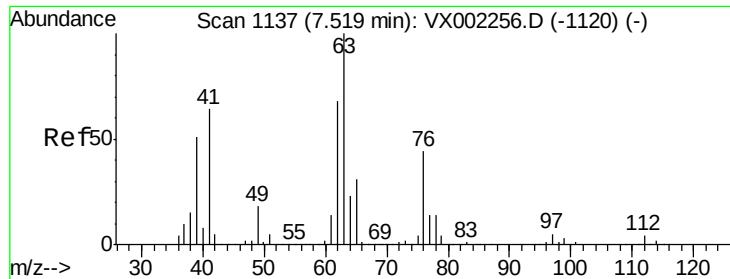
Delta R.T. 0.01 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	130	Resp:	50894
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	185.4





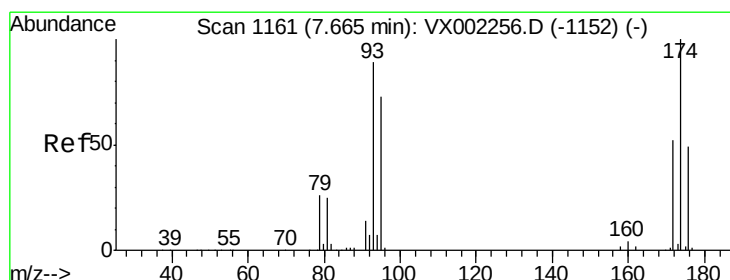
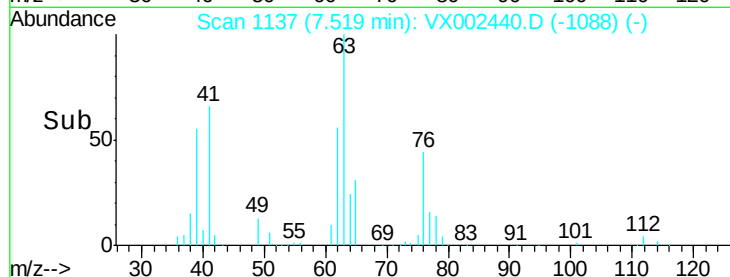
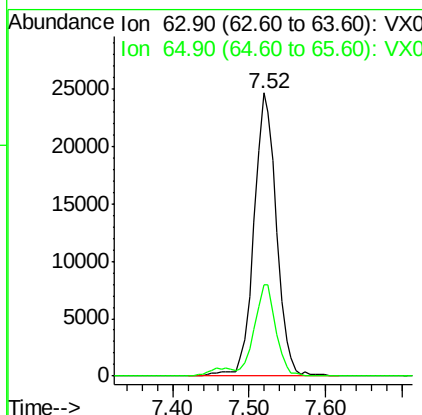
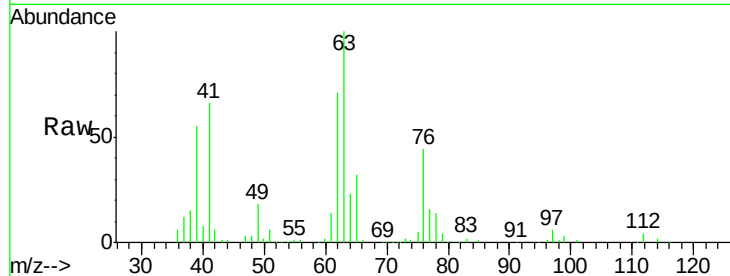
#45
 1,2-Dichloropropane
 Concen: 19.70 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion: 63 Resp: 50710
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.7 37.1

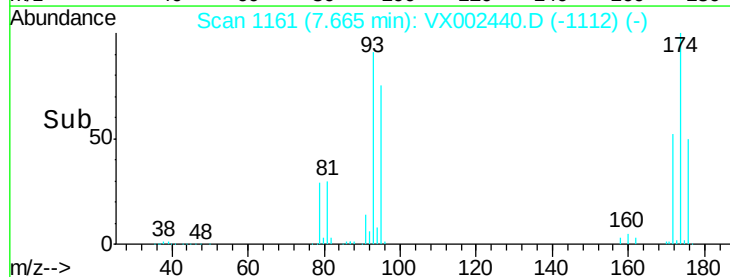
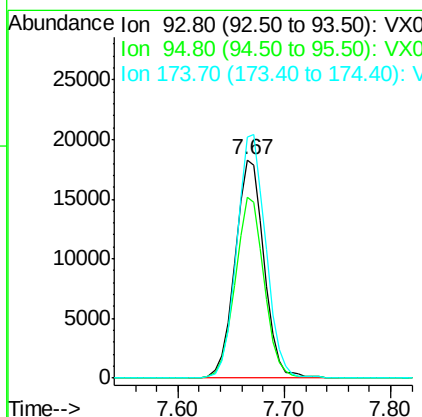
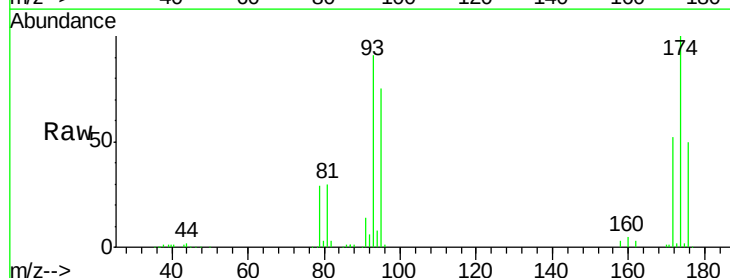
Manual Integrations
 APPROVED

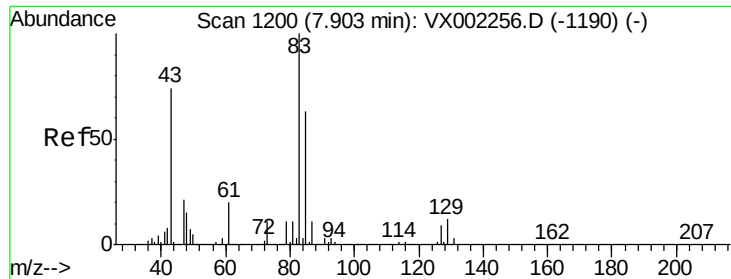
MMDadoda
 6/12/2018 4:50:31 PM



#46
 Dibromomethane
 Concen: 20.06 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion: 93 Resp: 35008
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.9 98.9
 174 112.0 92.4 138.6





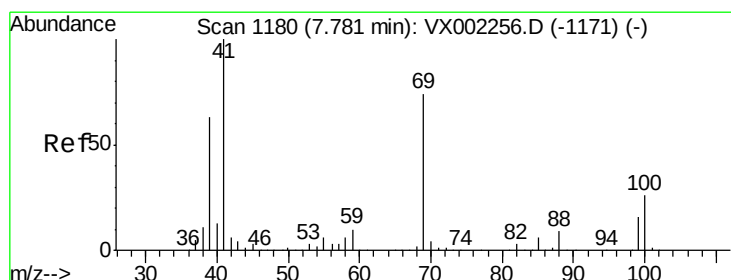
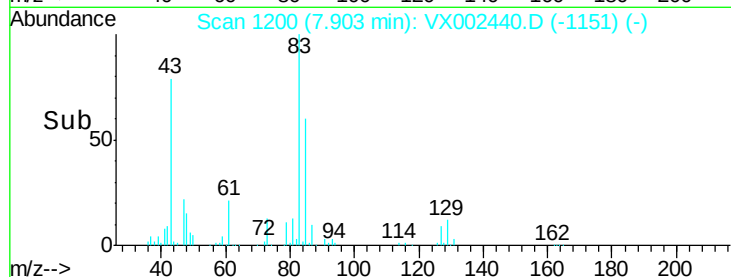
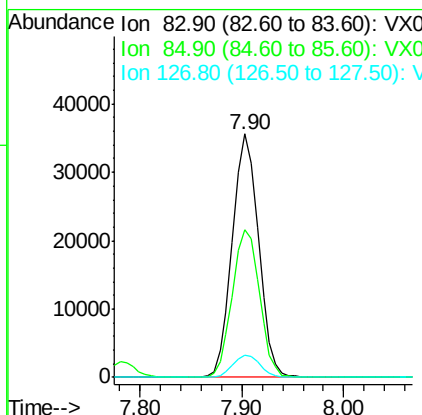
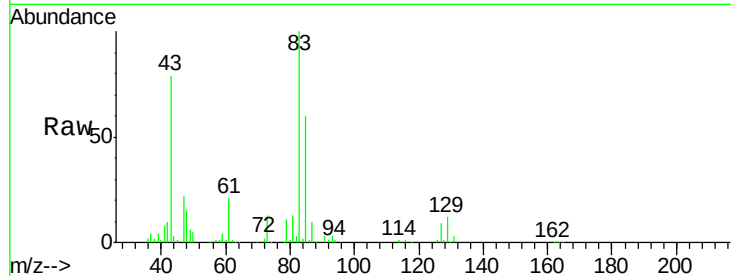
#47
Bromodichloromethane
Concen: 20.11 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	83	Resp	63482
Ion Ratio	Lower	Upper	
83	100		
85	60.5	50.3	75.5
127	9.0	7.0	10.4

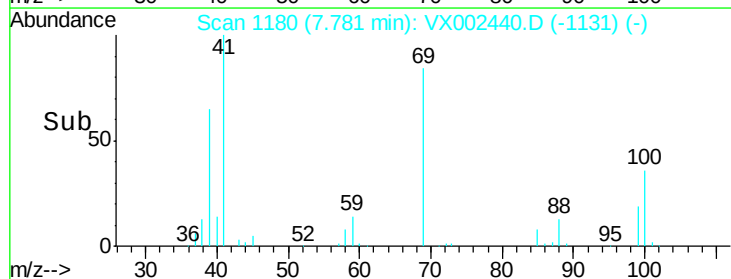
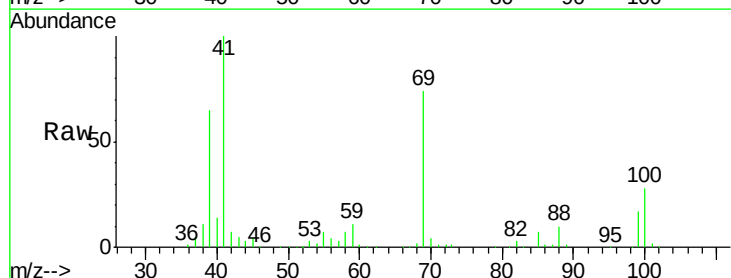
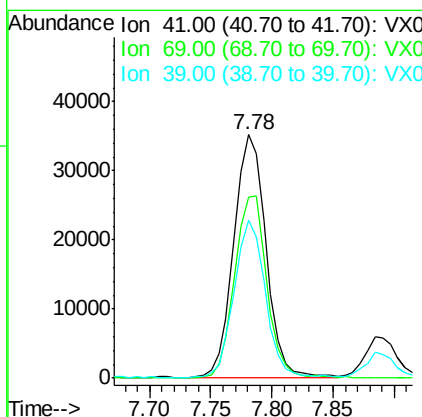
Manual Integrations
APPROVED

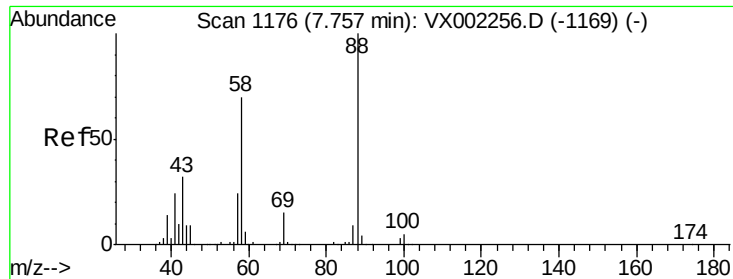
MMDadoda
6/12/2018 4:50:31 PM



#48
Methyl methacrylate
Concen: 19.98 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	41	Resp	63740
Ion Ratio	Lower	Upper	
41	100		
69	75.7	59.1	88.7
39	63.3	48.9	73.3





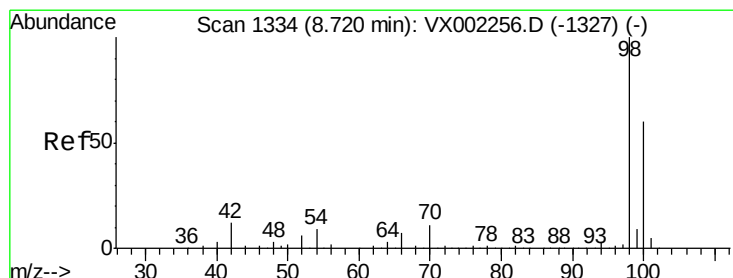
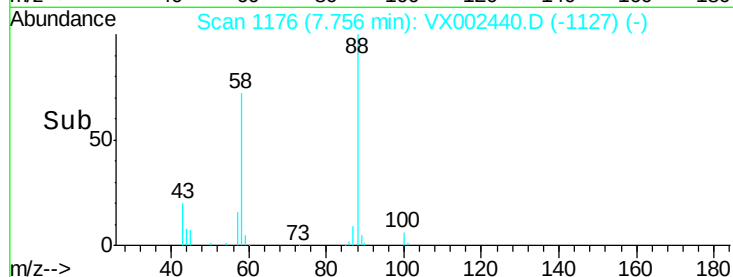
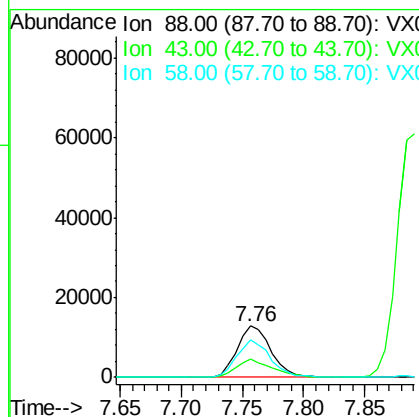
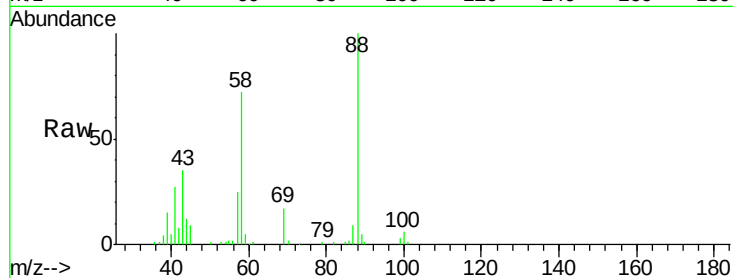
#49
1,4-Dioxane
Concen: 412.86 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.8	44.6
58	71.6	57.1	85.7

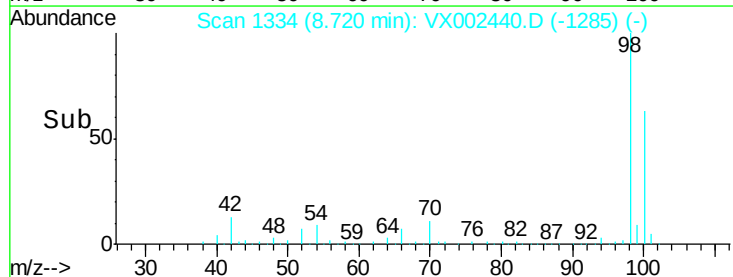
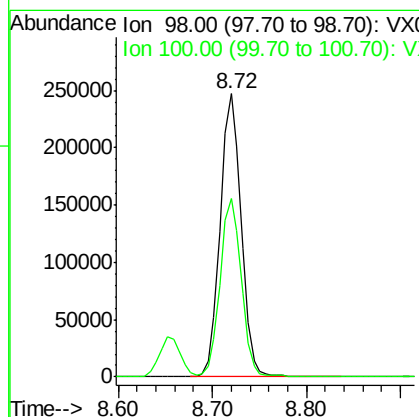
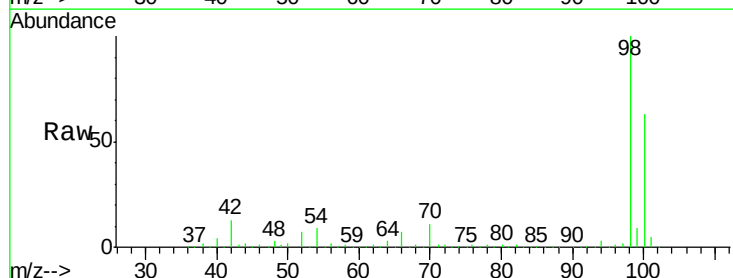
Manual Integrations
APPROVED

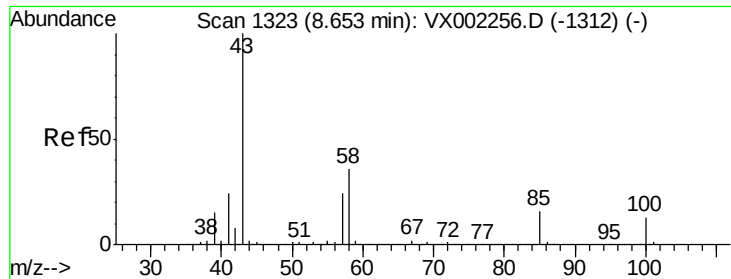
MMDadoda
6/12/2018 4:50:31 PM



#50
Toluene-d8
Concen: 42.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 104.96 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 43 Resp: 415229

Ion Ratio Lower Upper

43 100

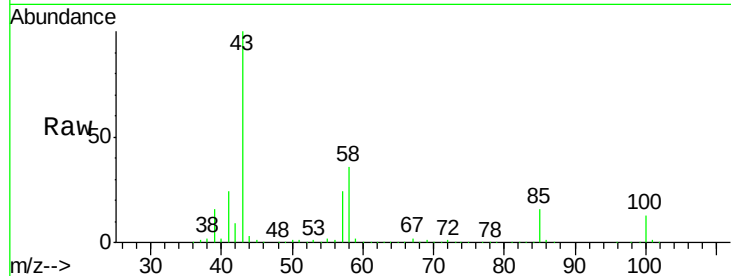
58 35.5 28.6 42.8

Manual Integrations

APPROVED

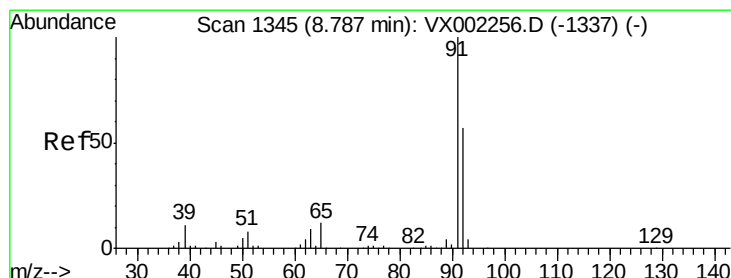
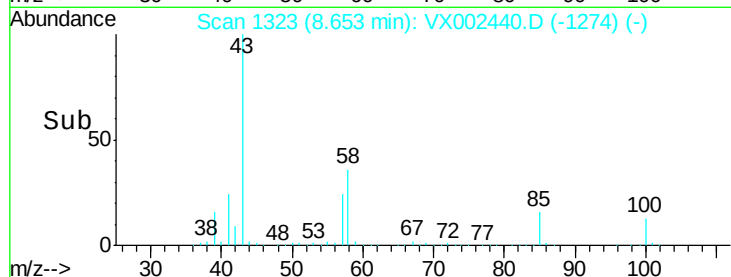
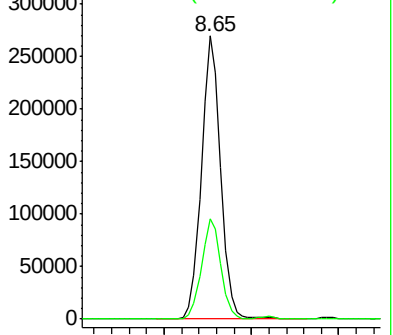
MMDadoda

6/12/2018 4:50:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.97 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002440.D

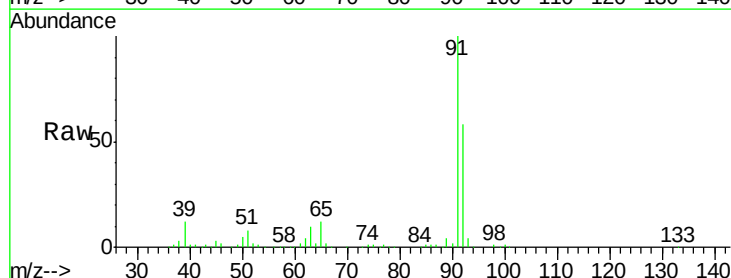
Acq: 11 Jun 2018 14:02

Tgt Ion: 92 Resp: 121091

Ion Ratio Lower Upper

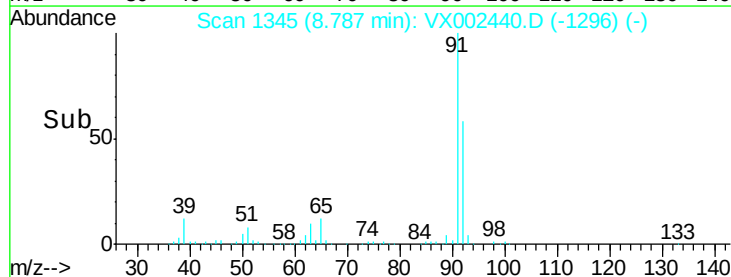
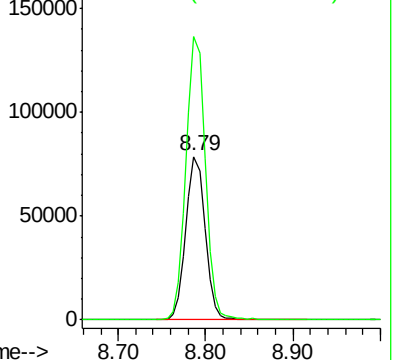
92 100

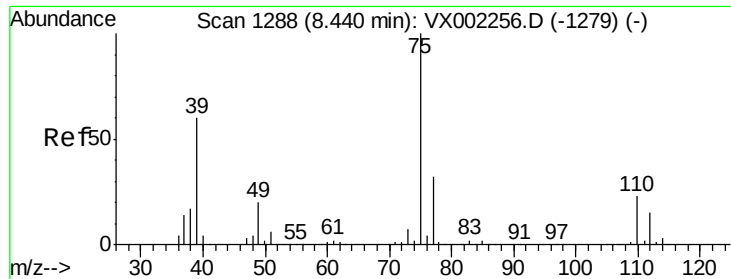
91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





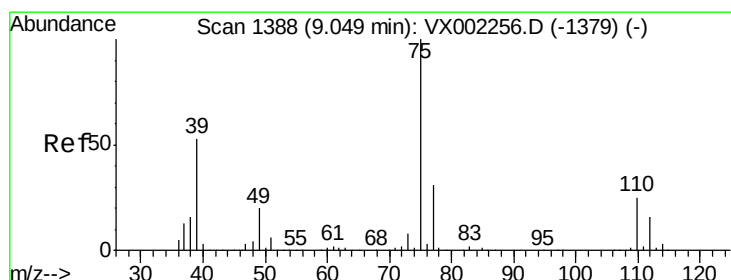
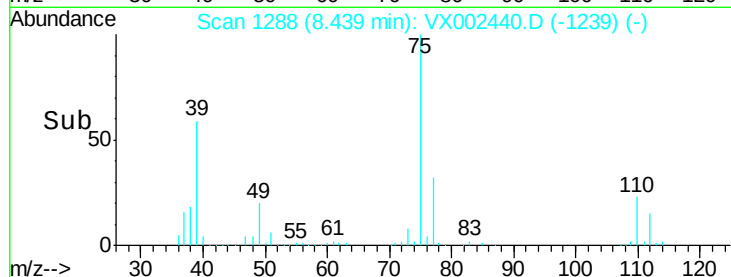
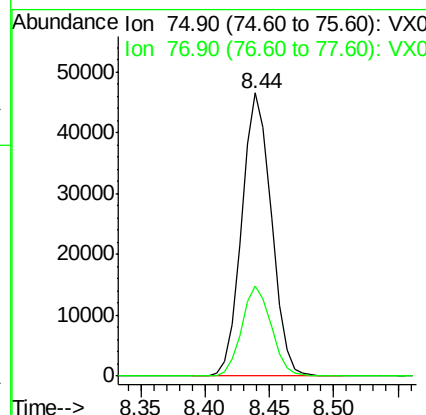
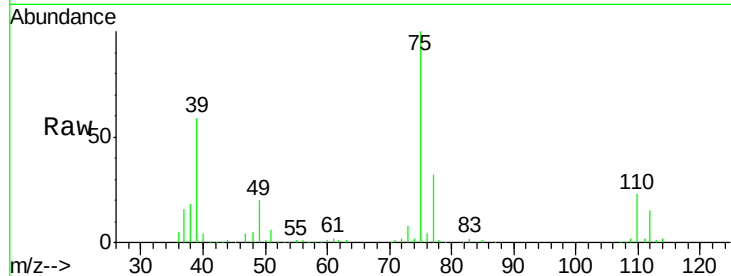
#53
t-1,3-Dichloropropene
Concen: 19.62 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion: 75 Resp: 74260
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

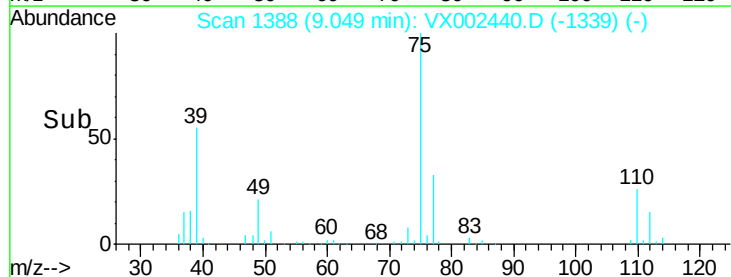
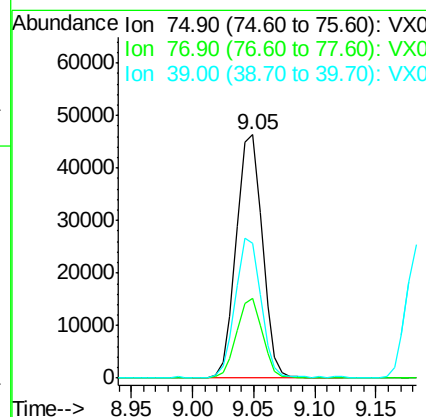
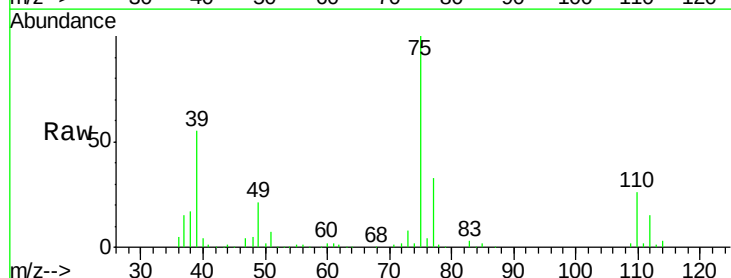
Manual Integrations
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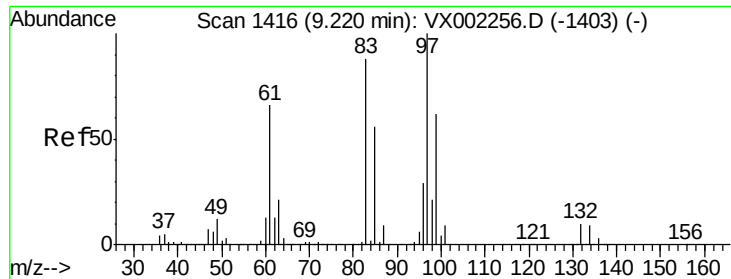
MMDadoda
6/12/2018 4:50:31 PM



#54
cis-1,3-Dichloropropene
Concen: 19.18 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion: 75 Resp: 68507
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 54.9 42.4 63.6





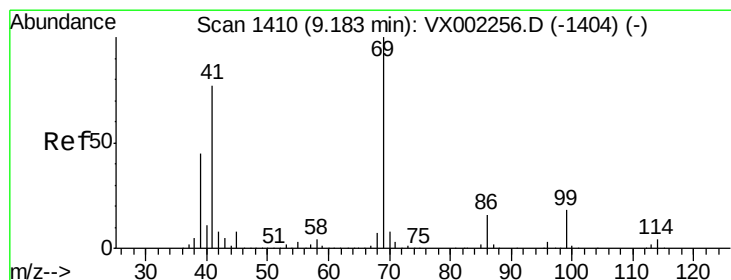
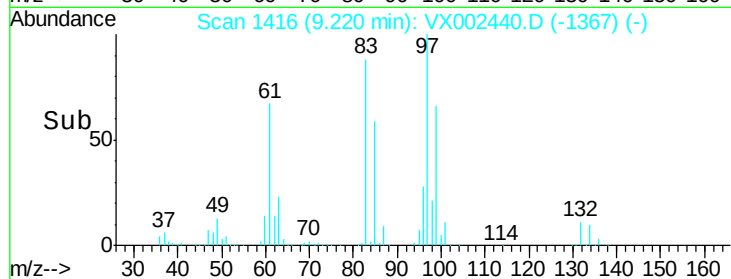
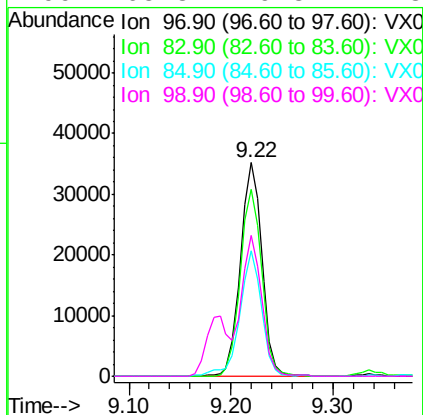
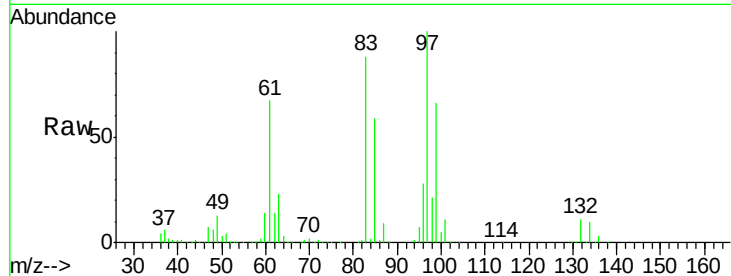
#55
 1,1,2-Trichloroethane
 Concen: 20.54 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion:	97	Resp:	51238
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	59.0	44.9	67.3
99	65.8	49.8	74.8

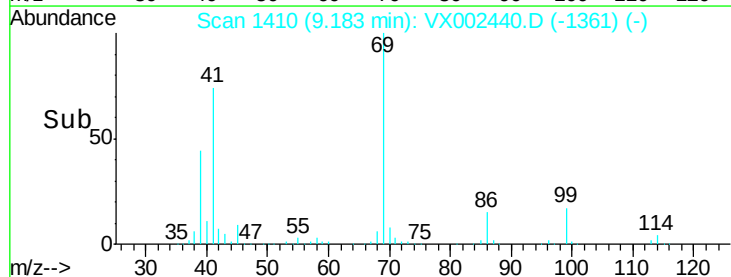
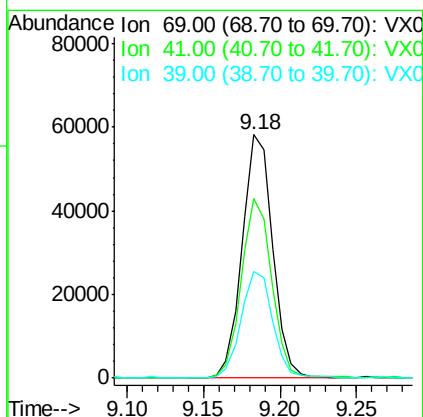
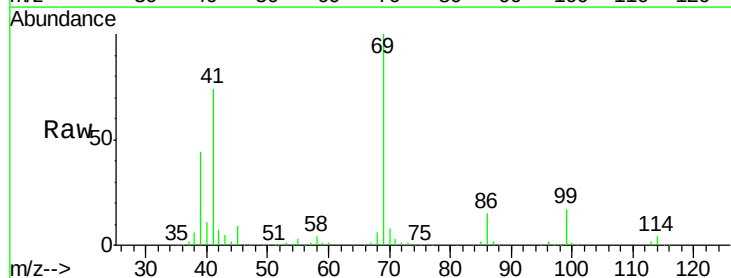
Manual Integrations
 APPROVED

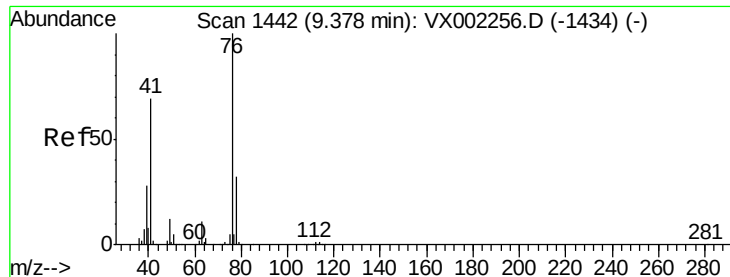
MMDadoda
 6/12/2018 4:50:31 PM



#56
 Ethyl methacrylate
 Concen: 20.25 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion:	69	Resp:	80623
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	45.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.65 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 76 Resp: 86413

Ion Ratio Lower Upper

76 100

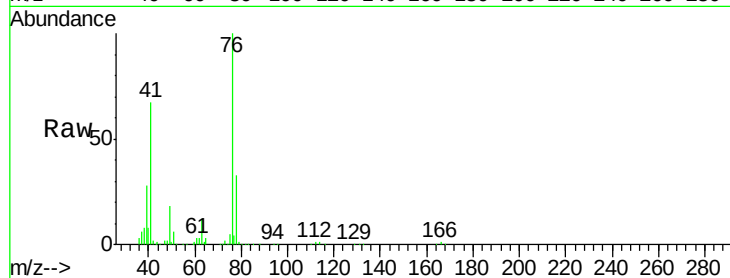
78 32.2 25.8 38.6

Manual Integrations

APPROVED

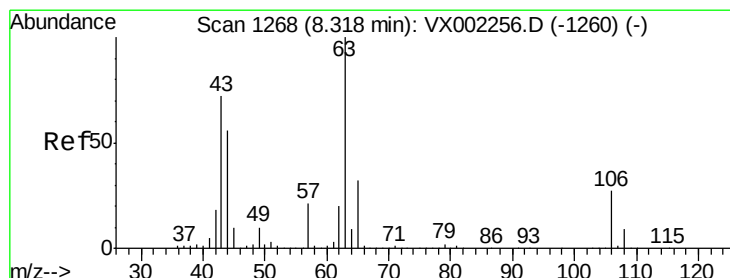
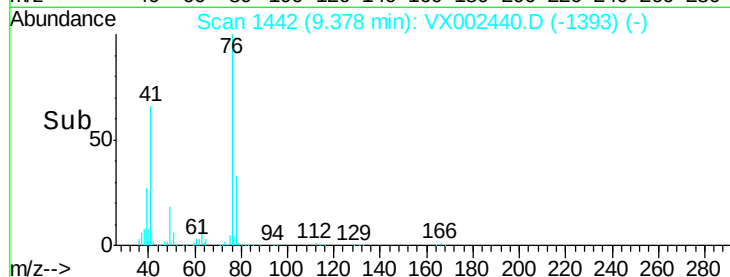
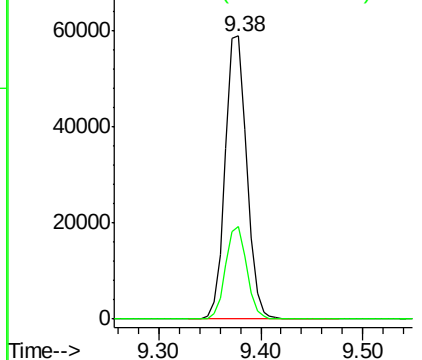
MMDadoda

6/12/2018 4:50:31 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.66 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002440.D

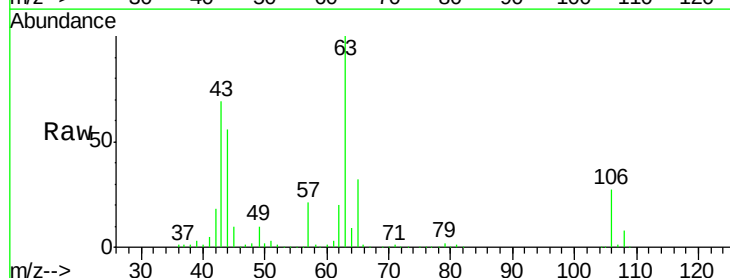
Acq: 11 Jun 2018 14:02

Tgt Ion: 63 Resp: 180011

Ion Ratio Lower Upper

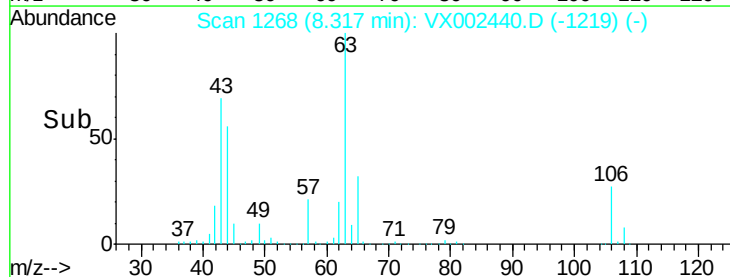
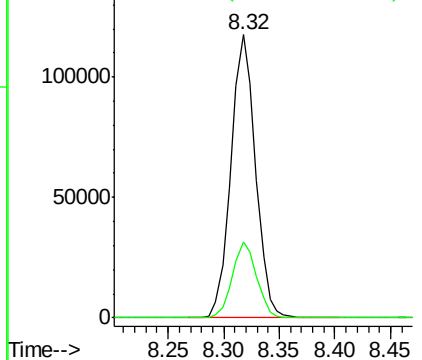
63 100

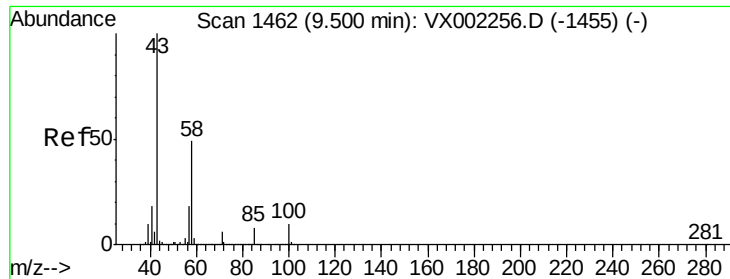
106 26.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





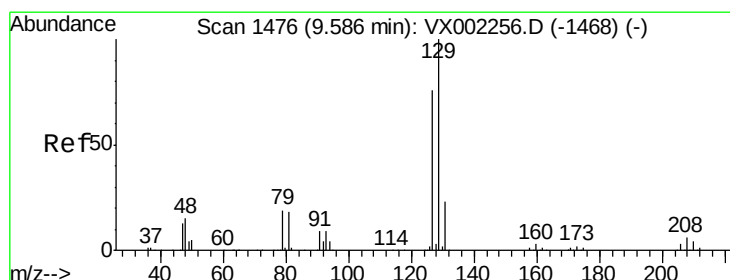
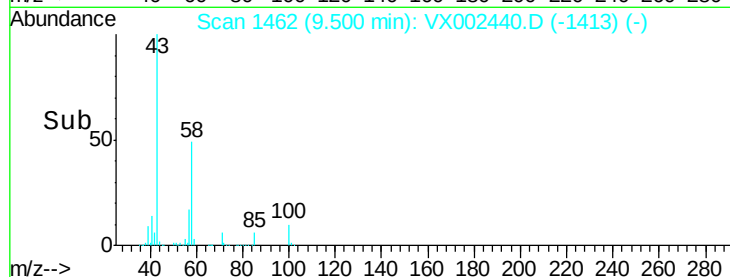
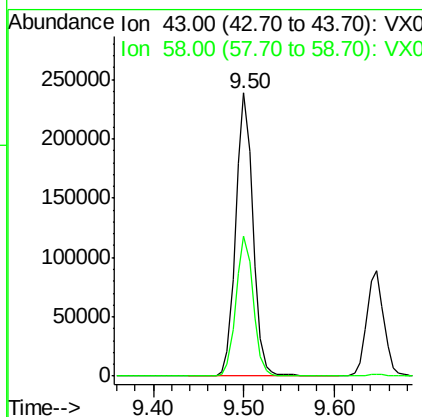
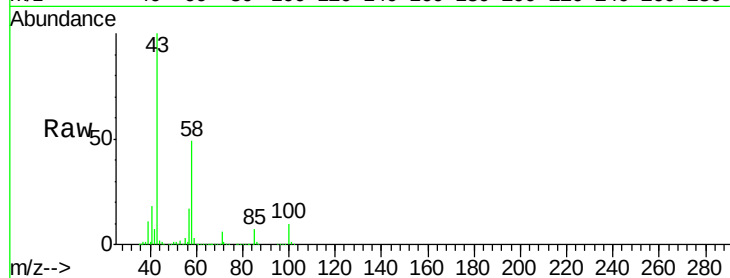
#59
2-Hexanone
Concen: 102.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	43	Resp	313622
Ion Ratio	43	100	
Lower	58	49.7	24.6
Upper			73.6

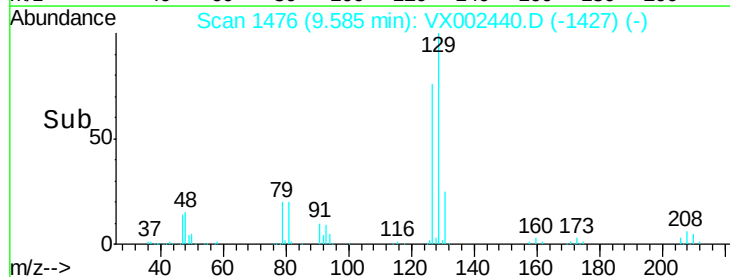
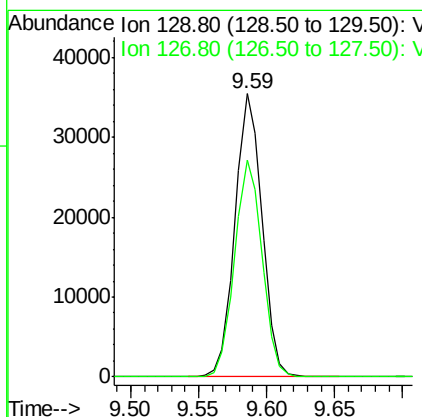
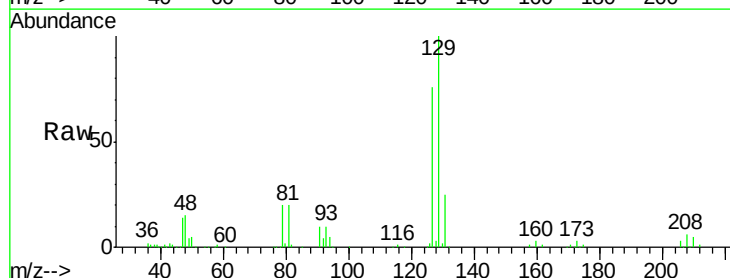
Manual Integrations
APPROVED

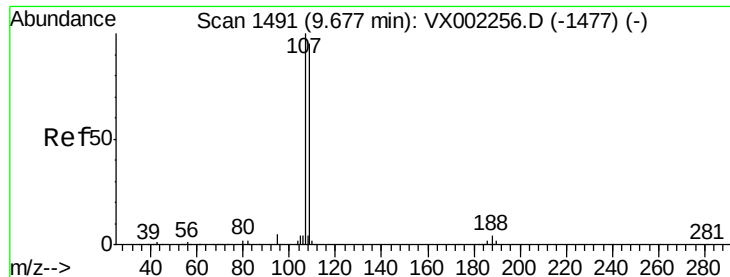
MMDadoda
6/12/2018 4:50:31 PM



#60
Dibromochloromethane
Concen: 19.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	129	Resp	49064
Ion Ratio	129	100	
Lower	127	77.7	38.5
Upper			115.3





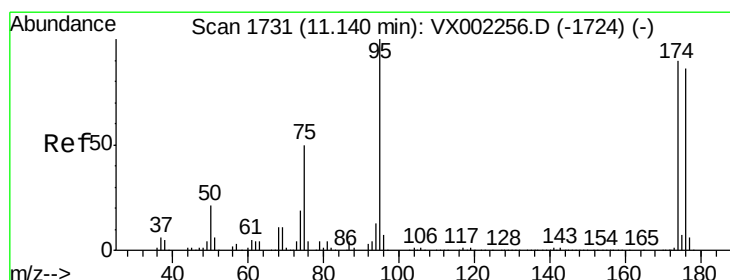
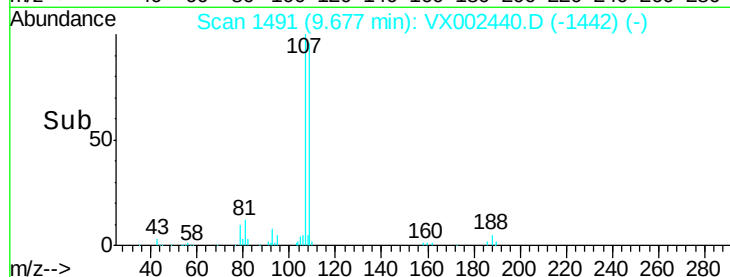
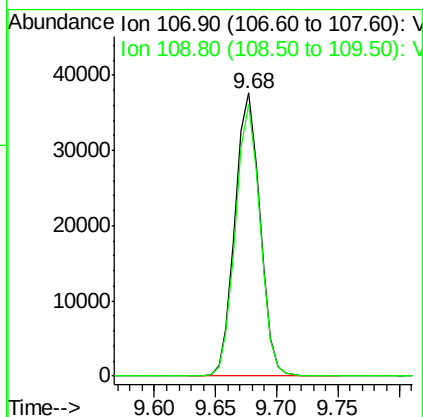
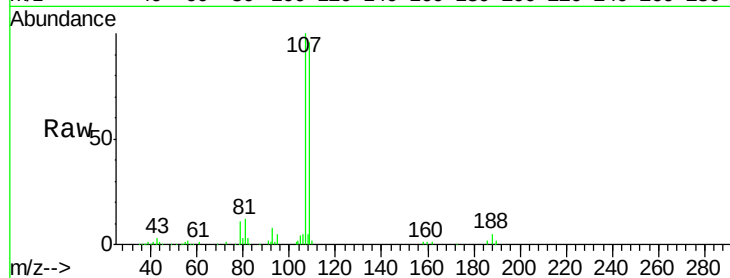
#61
 1,2-Dibromoethane
 Concen: 20.46 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion:107 Resp: 53224
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.3 112.9

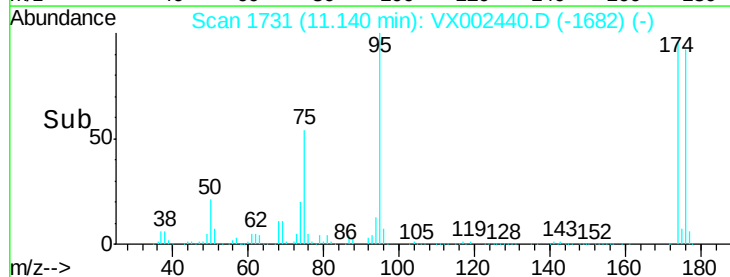
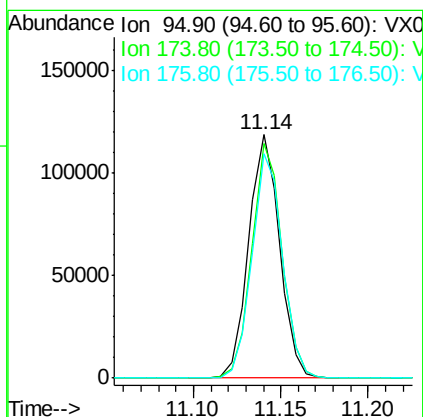
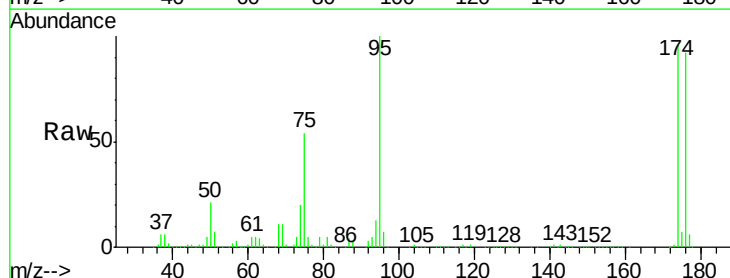
Manual Integrations
 APPROVED

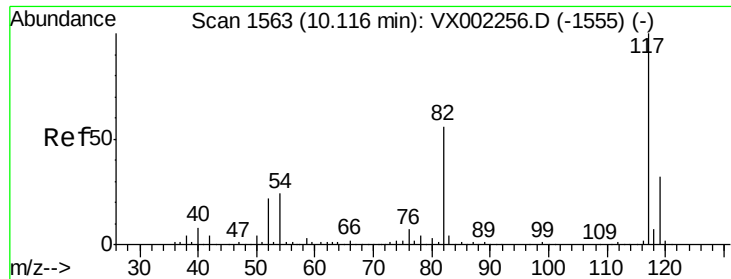
MMDadoda
 6/12/2018 4:50:31 PM



#62
 4-Bromofluorobenzene
 Concen: 42.23 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion: 95 Resp: 145194
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 187.4
 176 91.7 0.0 181.0





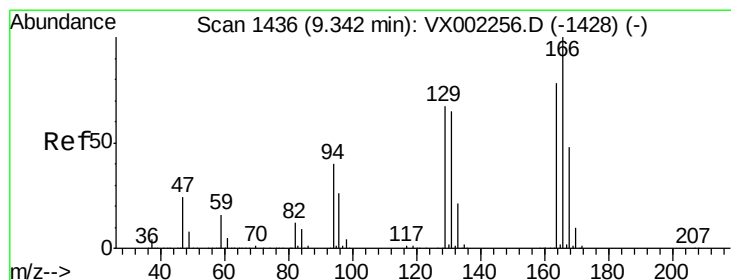
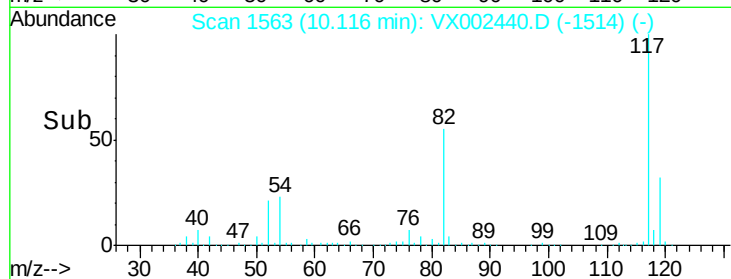
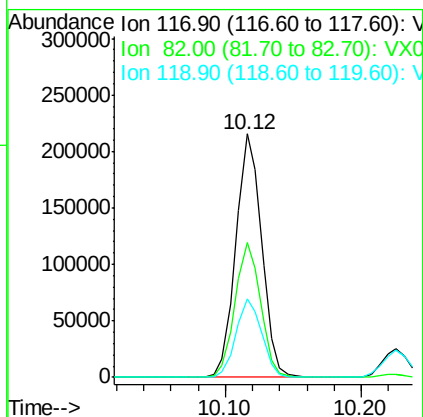
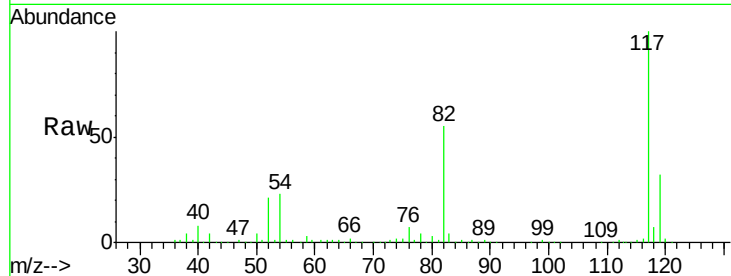
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	32.0	25.8	38.6

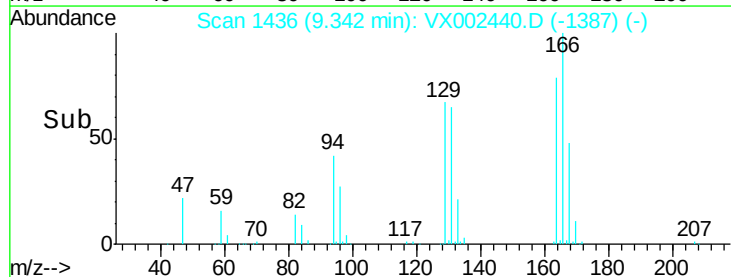
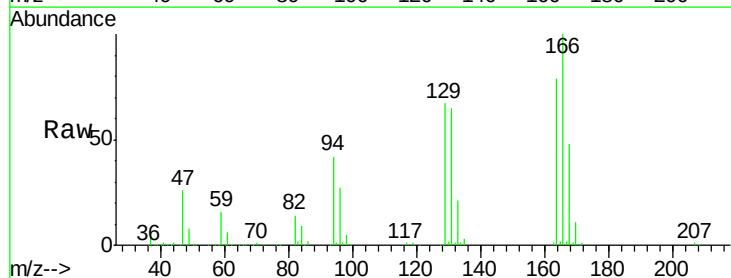
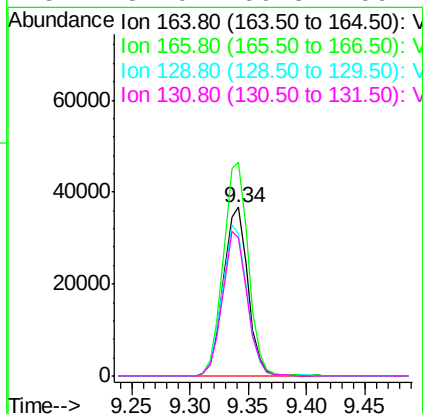
Manual Integrations
APPROVED

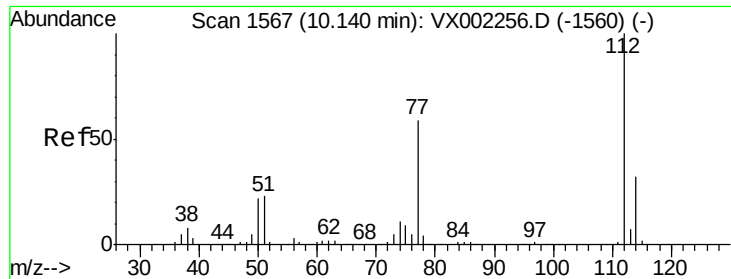
MMDadoda
6/12/2018 4:50:31 PM



#64
Tetrachloroethene
Concen: 18.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	102.9	154.3
129	84.3	68.6	102.8
131	82.0	66.8	100.2





#65

Chlorobenzene

Concen: 19.54 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion:112 Resp: 138487

Ion Ratio Lower Upper

112 100

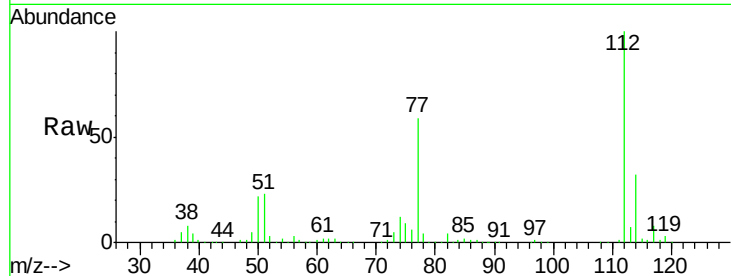
114 32.1 25.3 37.9

Manual Integrations

APPROVED

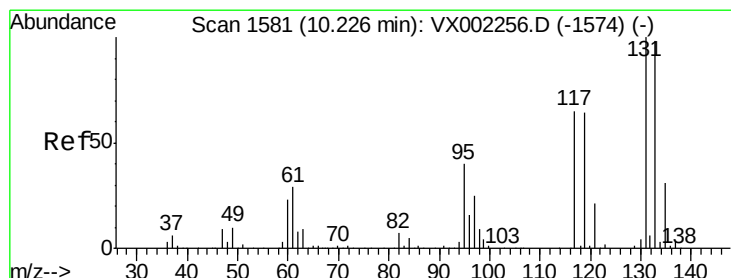
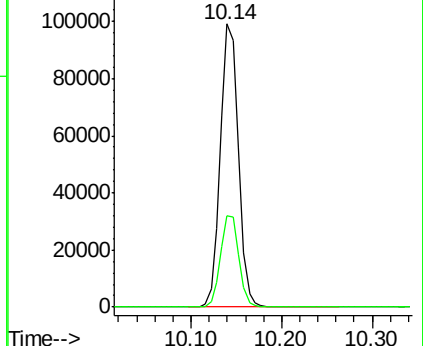
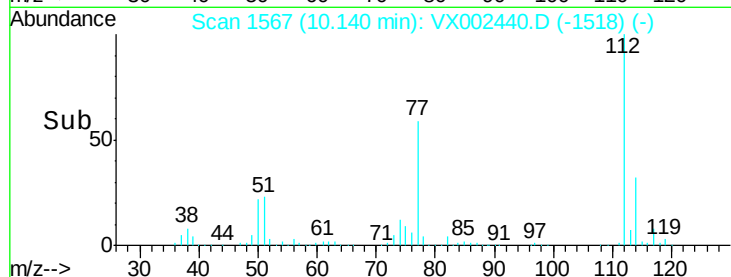
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

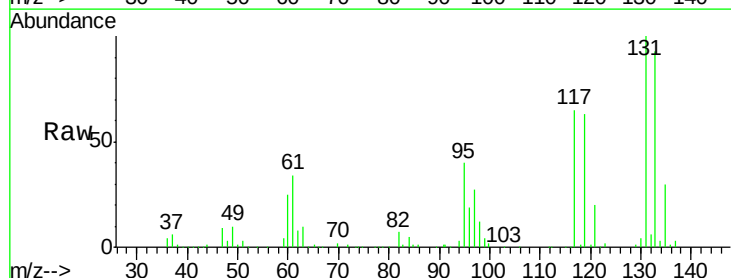
Tgt Ion:131 Resp: 50570

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

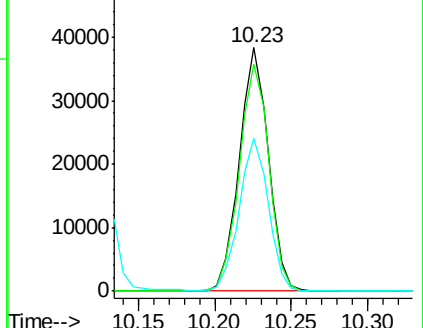
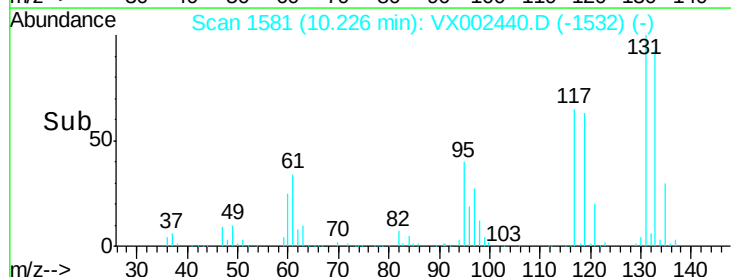
119 63.0 31.8 95.3

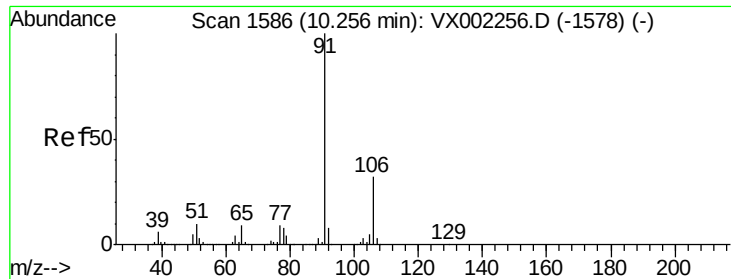


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.79 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 91 Resp: 234705

Ion Ratio Lower Upper

91 100

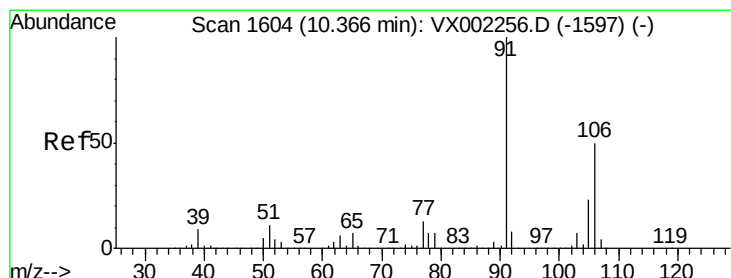
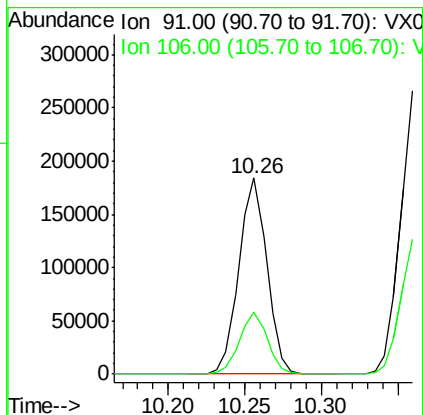
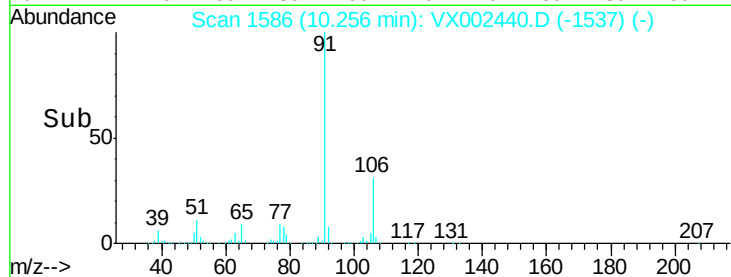
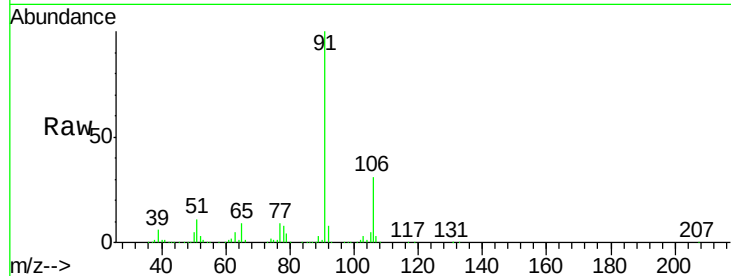
106 31.4 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.10 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002440.D

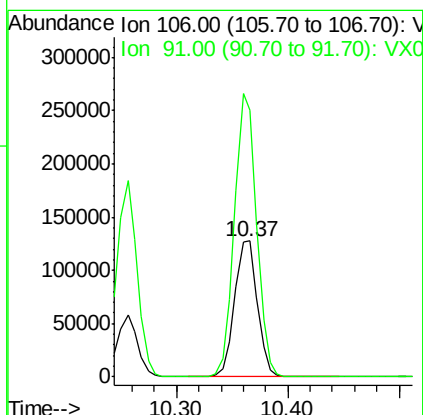
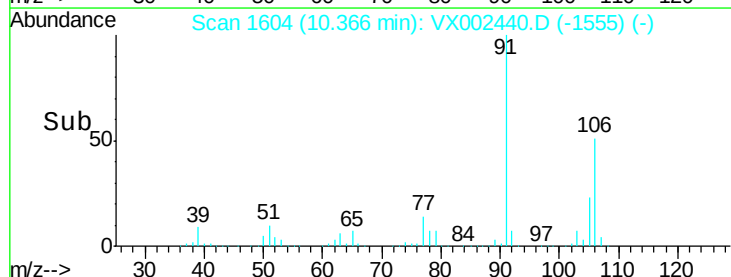
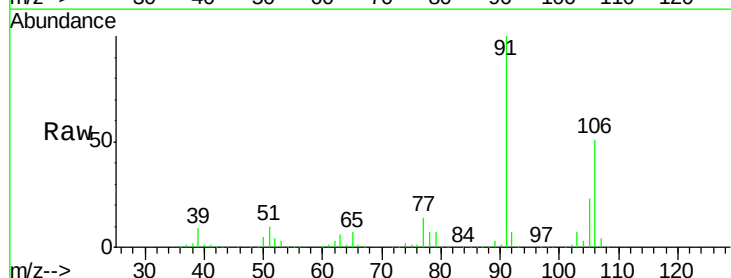
Acq: 11 Jun 2018 14:02

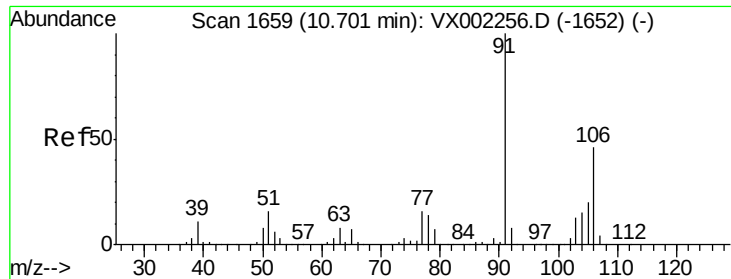
Tgt Ion: 106 Resp: 180235

Ion Ratio Lower Upper

106 100

91 203.1 163.4 245.2





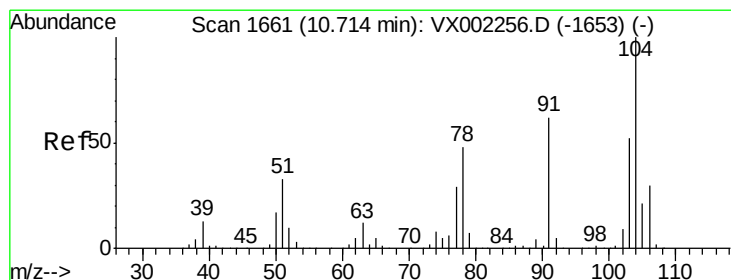
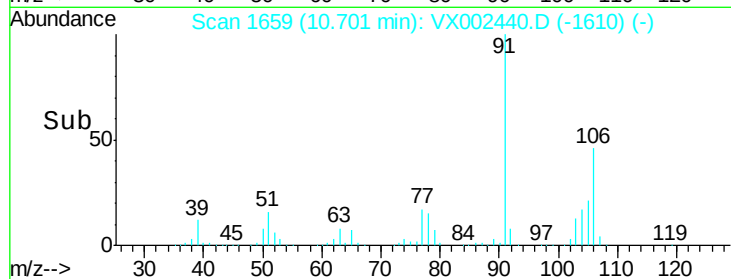
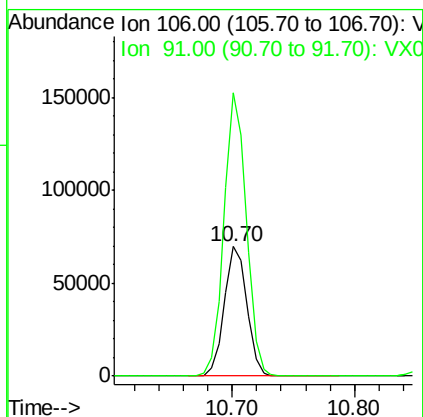
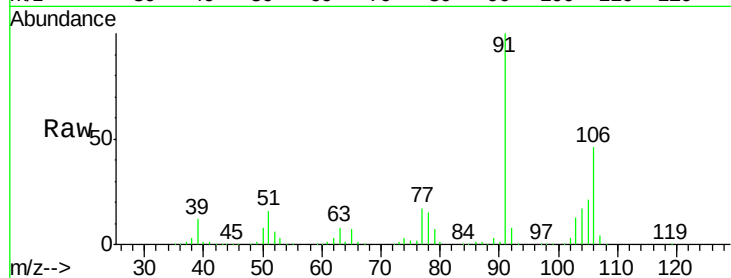
#69
o-Xylene
Concen: 19.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampled :
VX0611WBSD01

Tot Ion:106 Resp: 88951
Ion Ratio Lower Upper
106 100
91 216.5 108.2 324.6

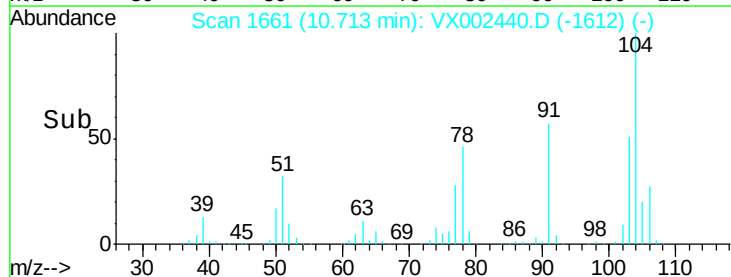
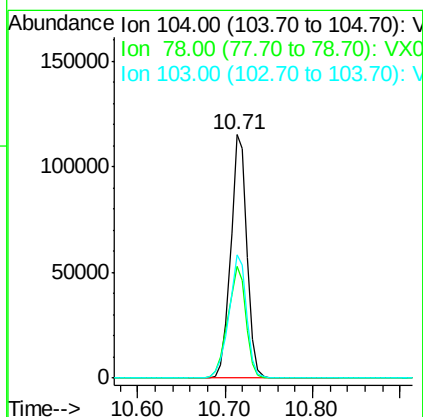
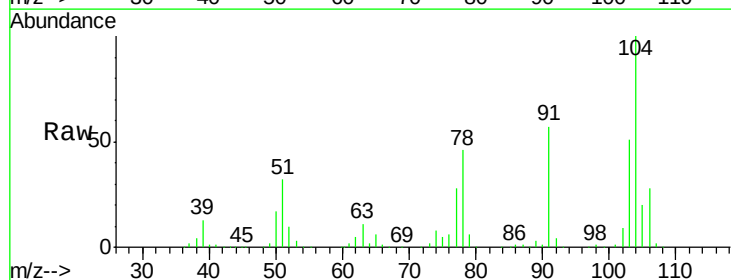
Manual Integrations
APPROVED

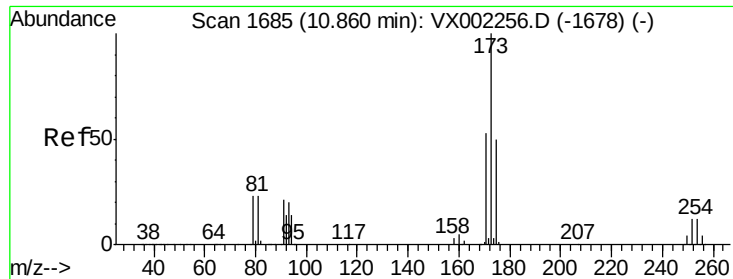
MMDadoda
6/12/2018 4:50:31 PM



#70
Styrene
Concen: 19.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion:104 Resp: 149565
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.2 44.2 66.4





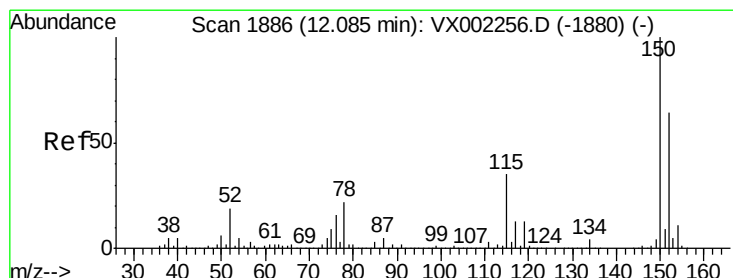
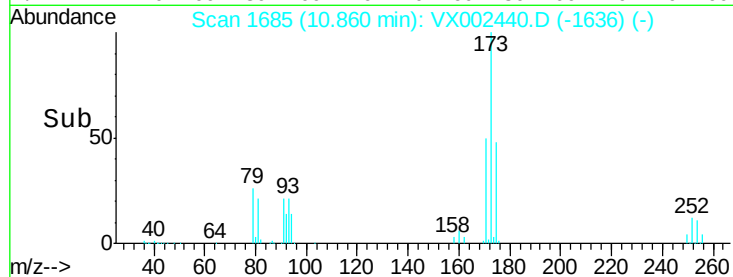
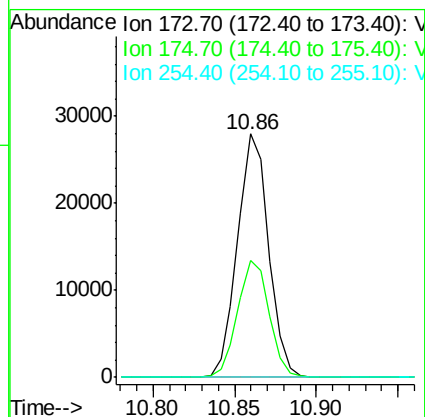
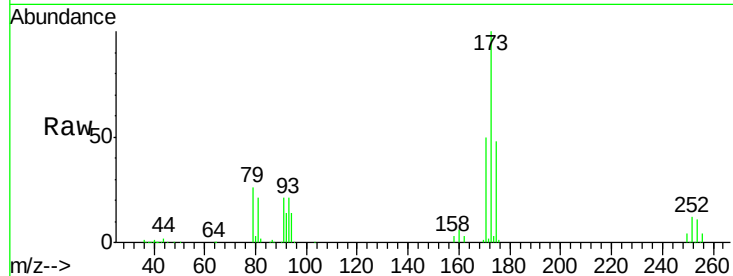
#71
Bromoform
Concen: 18.56 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampled :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.0	0.2	0.2

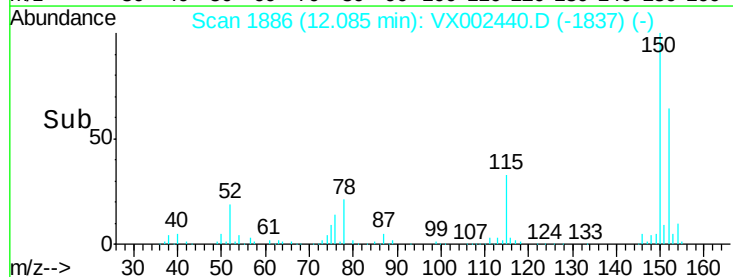
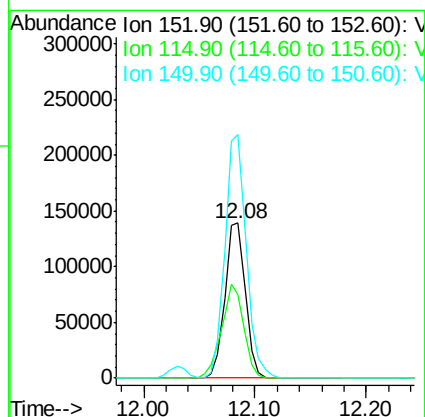
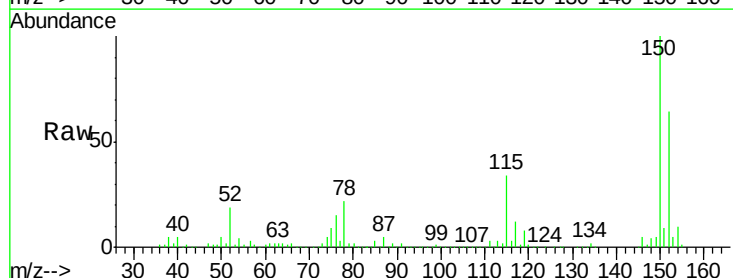
Manual Integrations
APPROVED

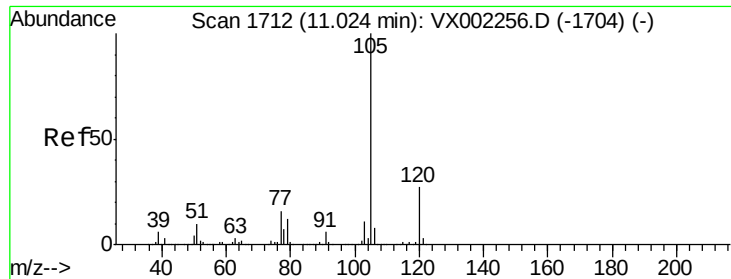
MMDadoda
6/12/2018 4:50:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	40.1	120.2
150	164.4	0.0	347.2





#73

Isopropylbenzene

Concen: 19.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion:105 Resp: 239698

Ion Ratio Lower Upper

105 100

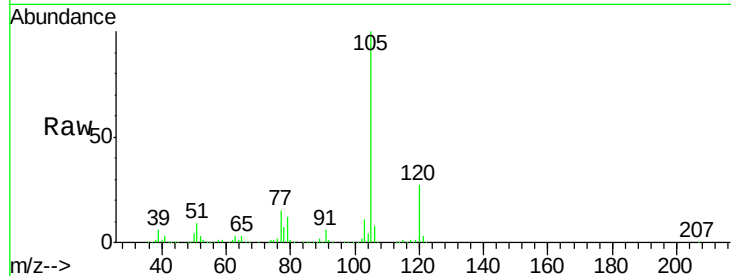
120 26.6 13.5 40.4

Manual Integrations

APPROVED

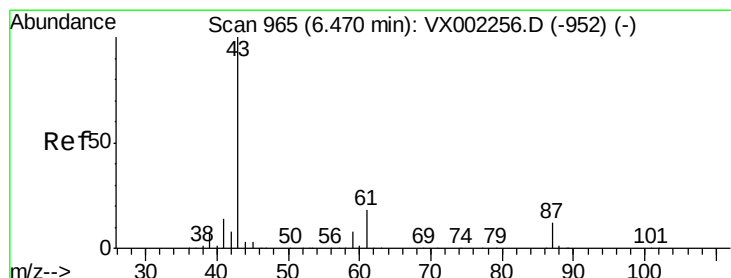
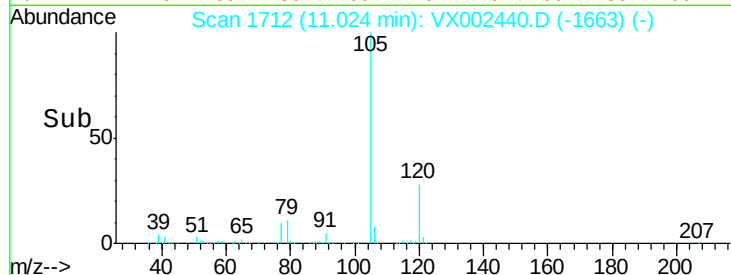
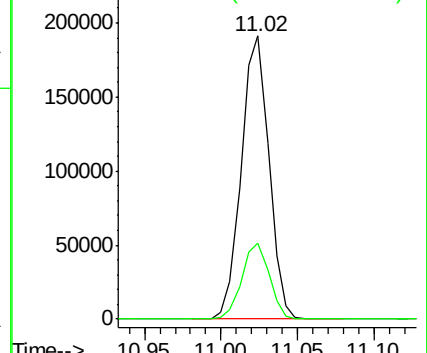
MMDadoda

6/12/2018 4:50:31 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion: 43 Resp: 126085

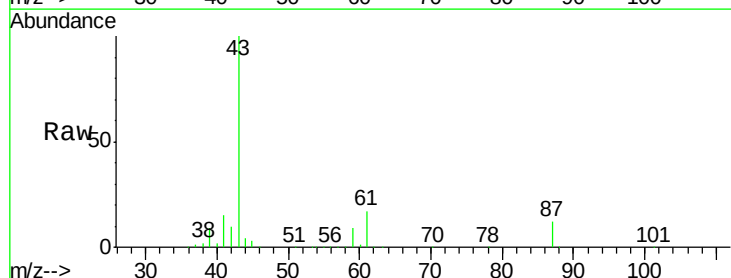
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.1 0.0 0.0#

61 17.9 14.4 21.6

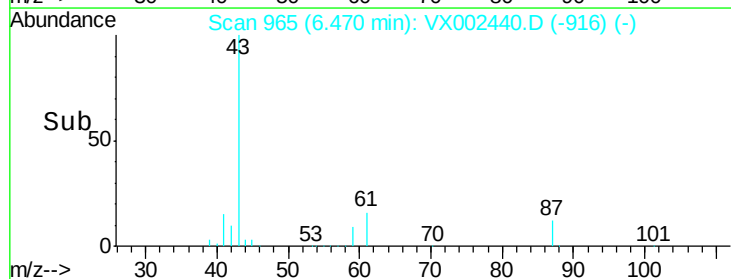
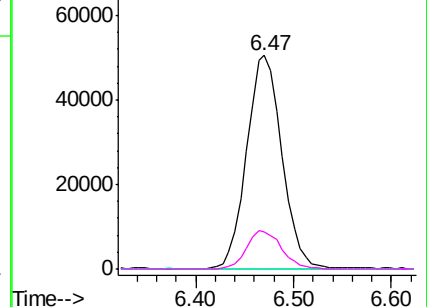


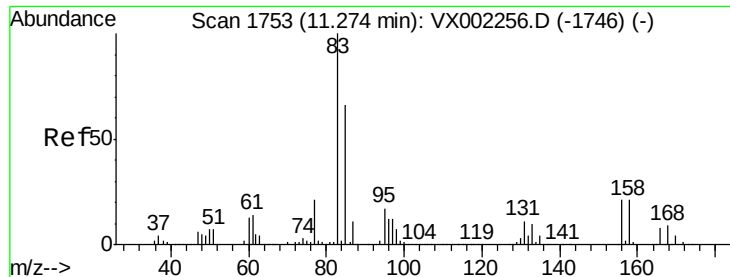
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

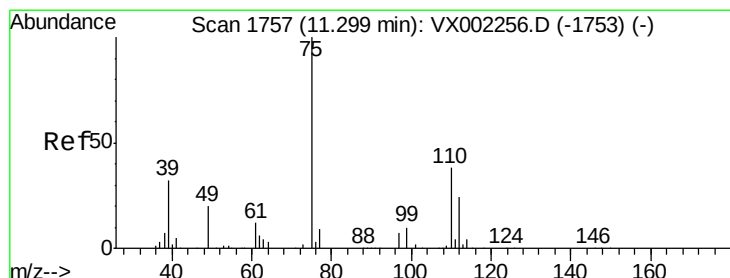
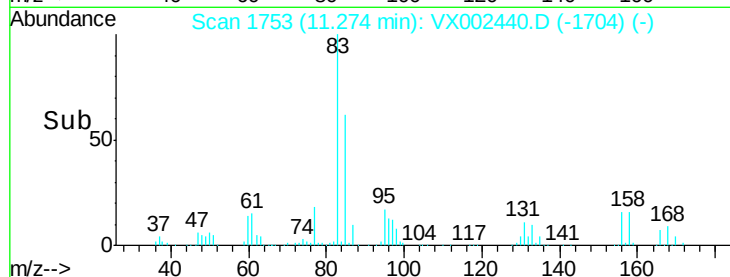
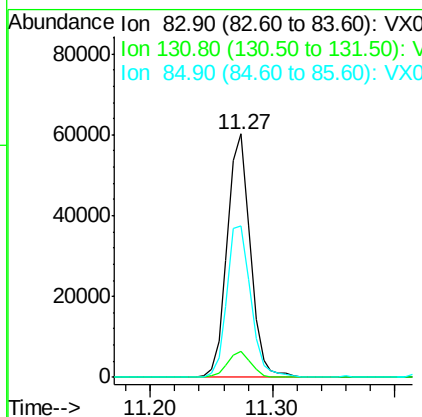
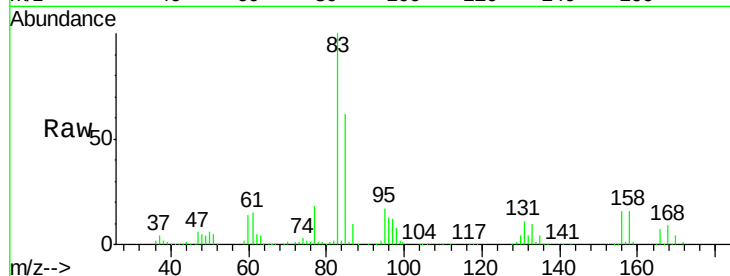
ClientSampleId :

VX0611WBSD01

Tot Ion:	83	Resp:	78411
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.5	32.4	97.2

Manual Integrations
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6/12/2018 4:50:31 PM



#76

1,2,3-Trichloropropane

Concen: 17.72 ug/l m

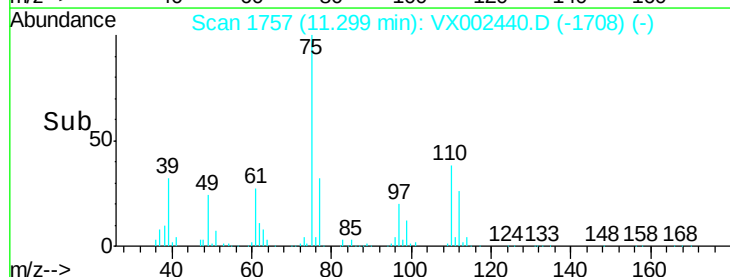
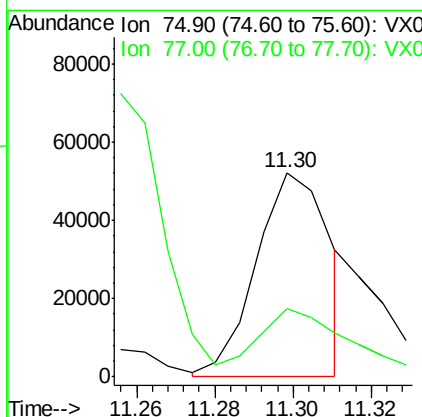
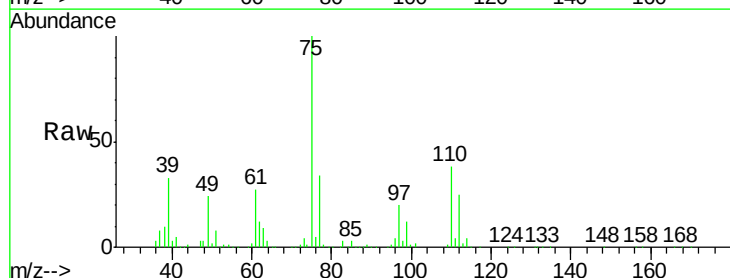
RT: 11.30 min Scan# 1757

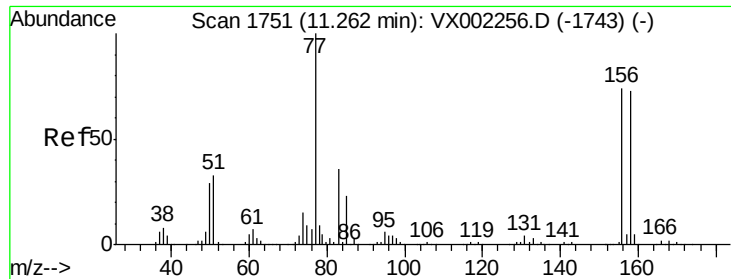
Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	75	Resp:	68347
Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.8	68.3





#77

Bromobenzene

Concen: 19.39 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion:156 Resp: 66562

Ion Ratio Lower Upper

156 100

77 141.2 71.4 214.2

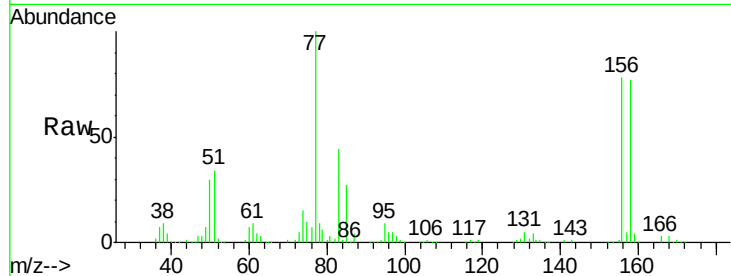
158 98.2 48.9 146.6

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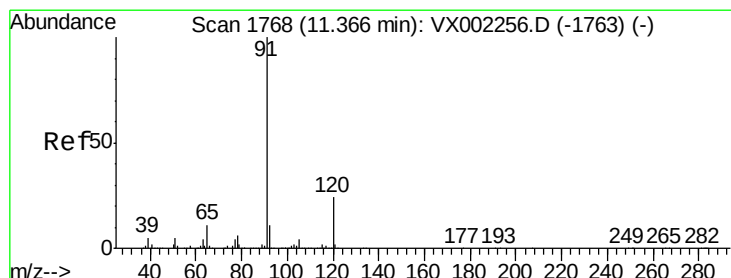
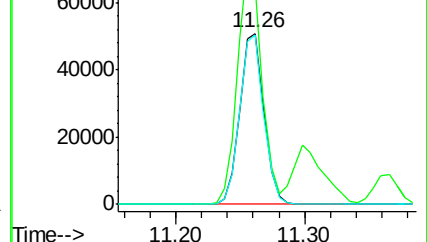
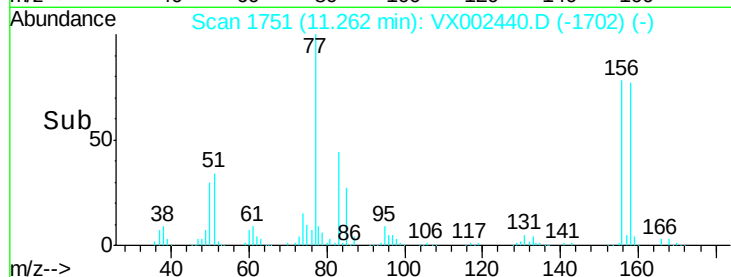
6/12/2018 4:50:31 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002440.D

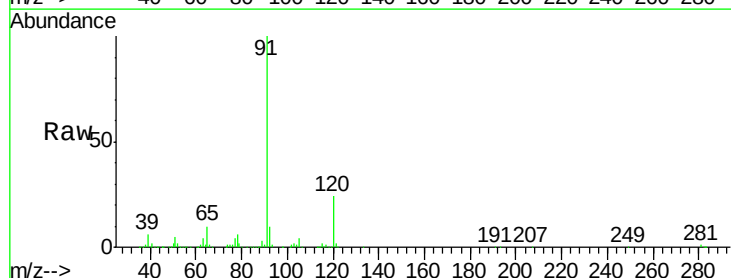
Acq: 11 Jun 2018 14:02

Tgt Ion: 91 Resp: 271010

Ion Ratio Lower Upper

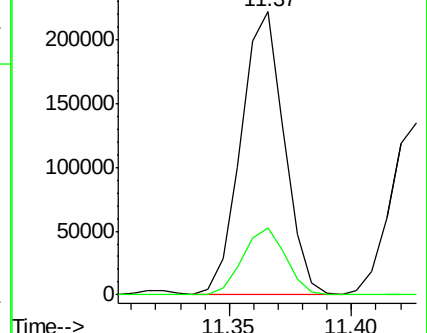
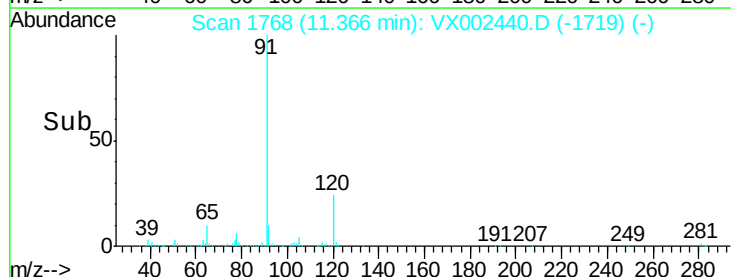
91 100

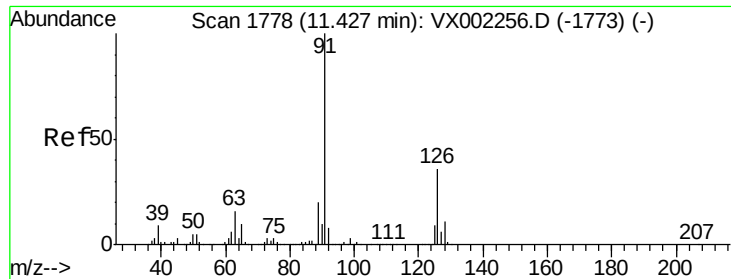
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.11 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion: 91 Resp: 164011

Ion Ratio Lower Upper

91 100

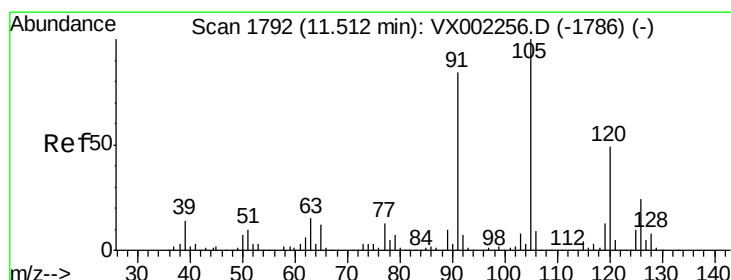
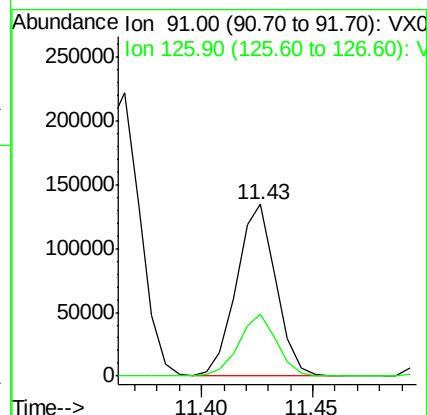
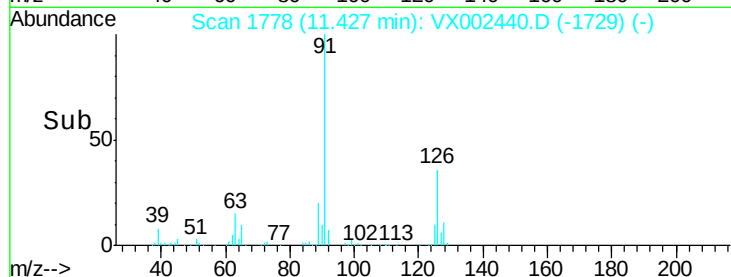
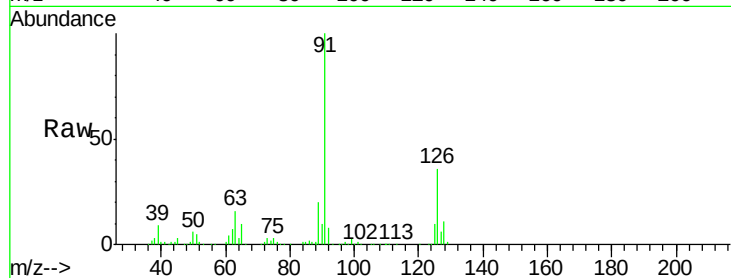
126 35.1 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002440.D

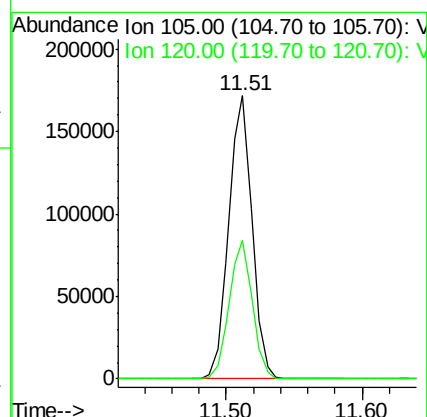
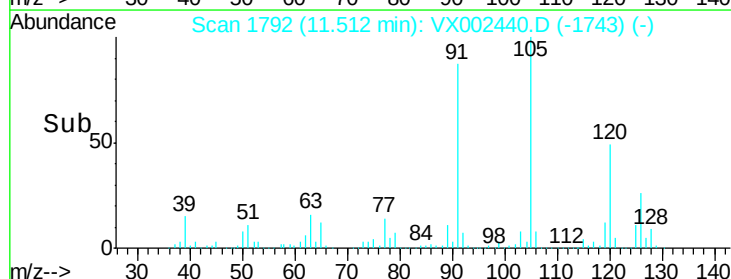
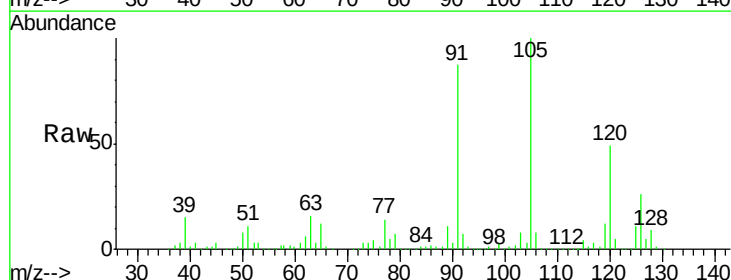
Acq: 11 Jun 2018 14:02

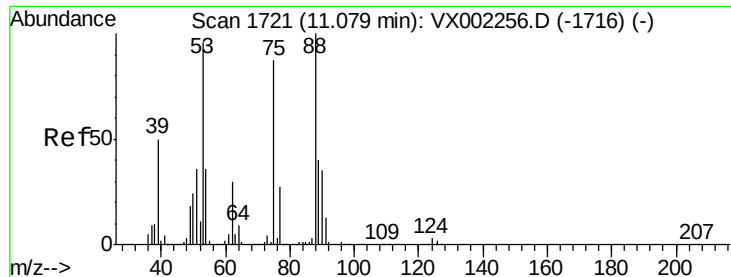
Tgt Ion: 105 Resp: 203801

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





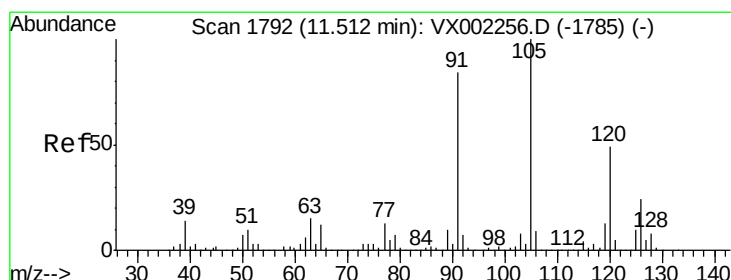
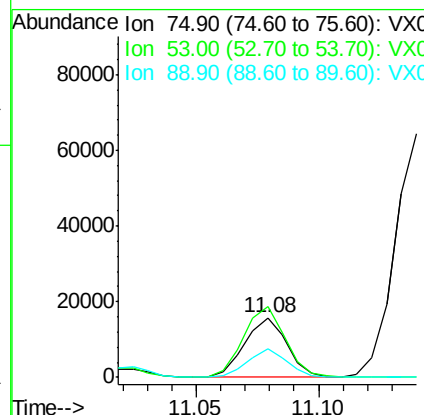
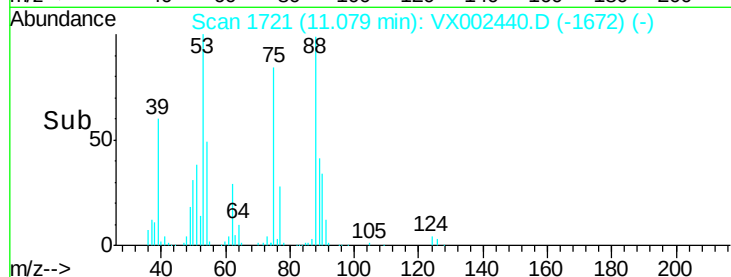
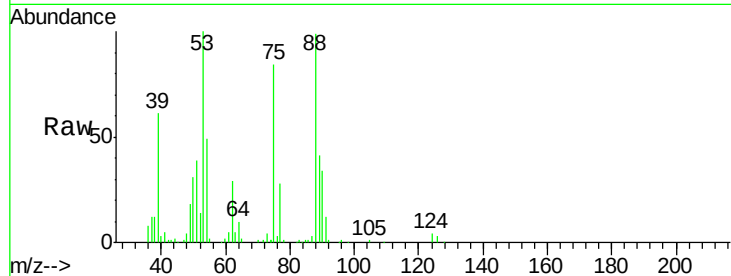
#81
trans-1,4-Dichloro-2-butene
Concen: 17.13 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.4	86.8	130.2
89	45.7	38.2	57.2

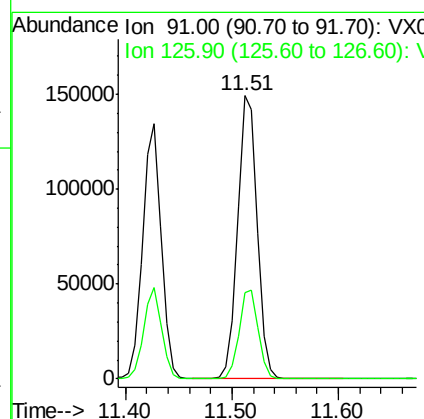
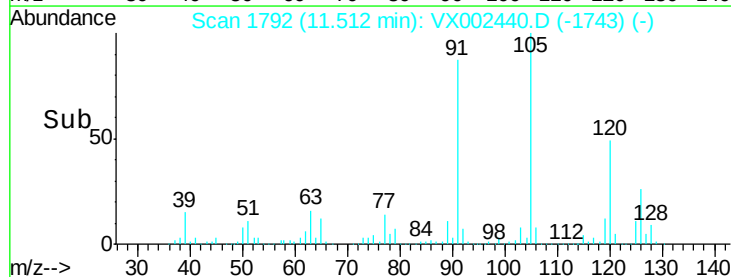
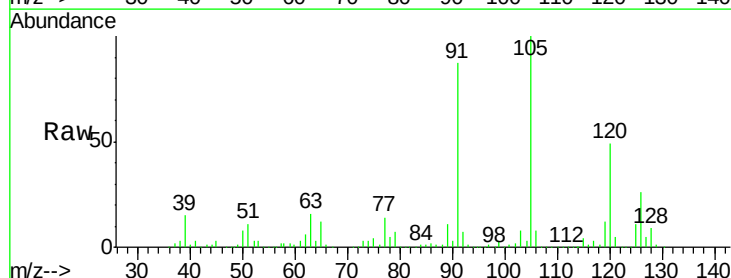
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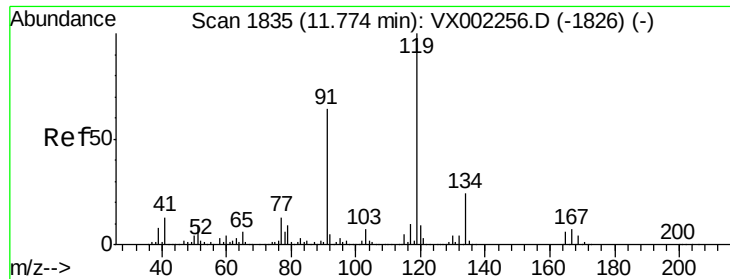
MMDadoda
6/12/2018 4:50:31 PM



#82
4-Chlorotoluene
Concen: 19.38 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





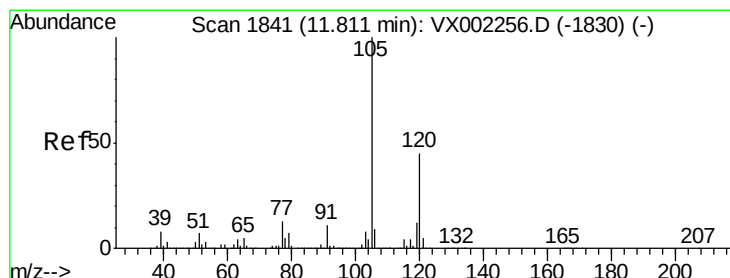
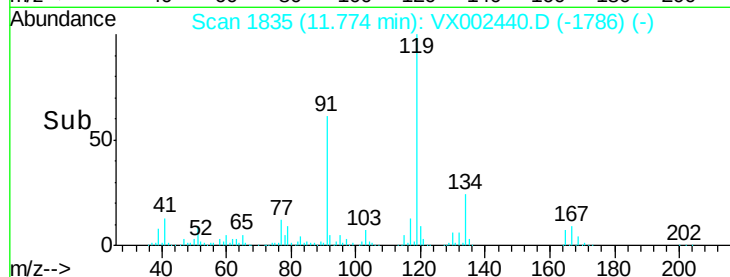
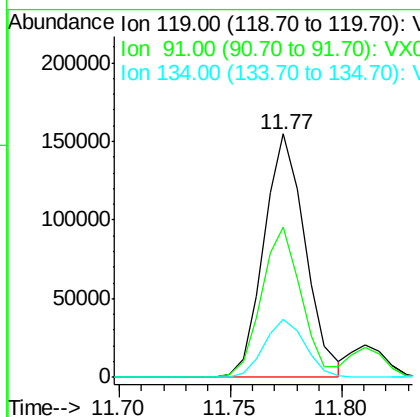
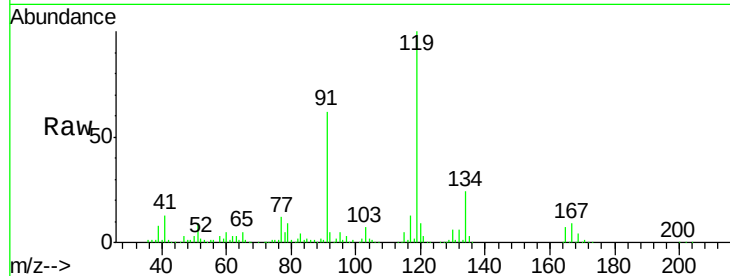
#83
 tert-Butylbenzene
 Concen: 19.57 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199872		
91	59.8		30.3	90.9
134	23.7		11.7	35.1

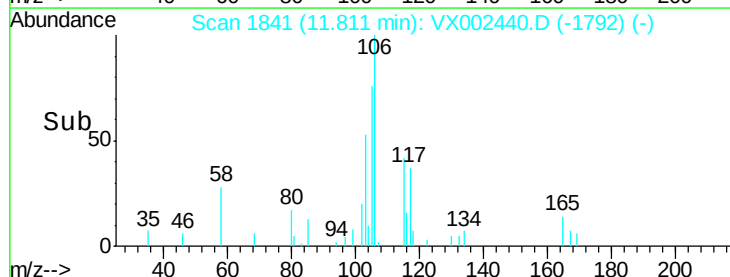
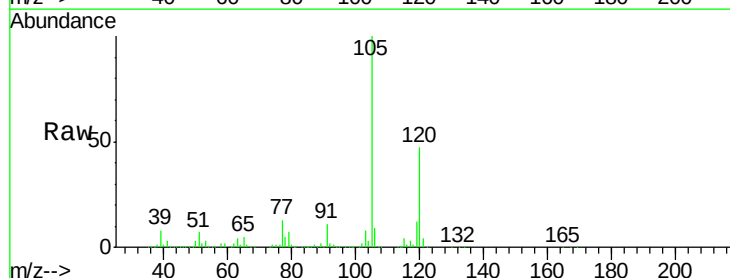
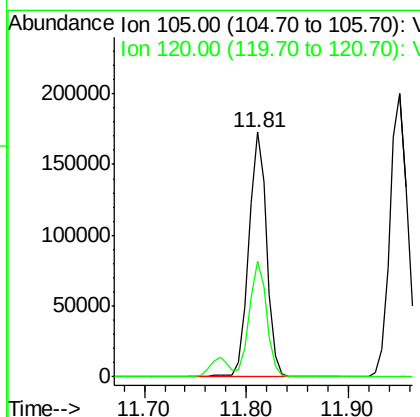
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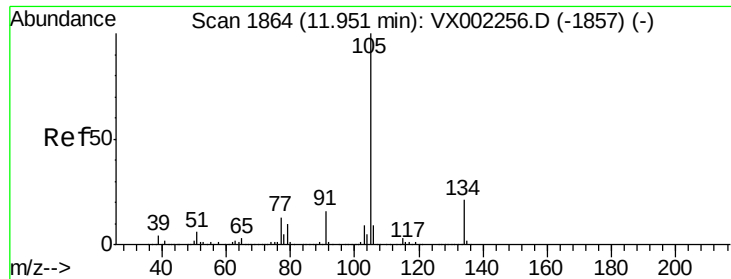
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210418		
120	46.0		22.3	66.8





#85

sec-Butylbenzene

Concen: 20.41 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tot Ion:105 Resp: 244411

Ion Ratio Lower Upper

105 100

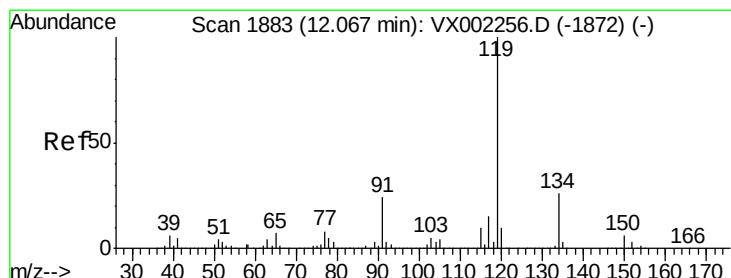
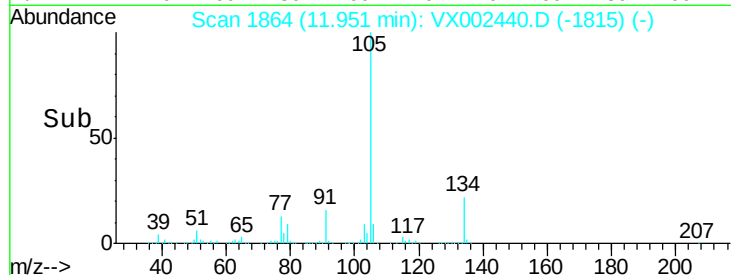
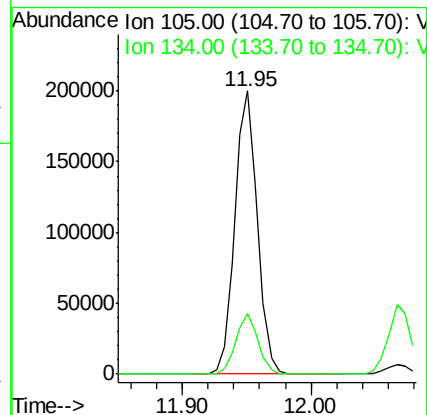
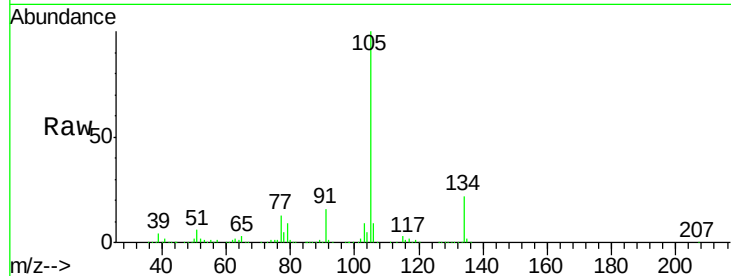
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.98 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

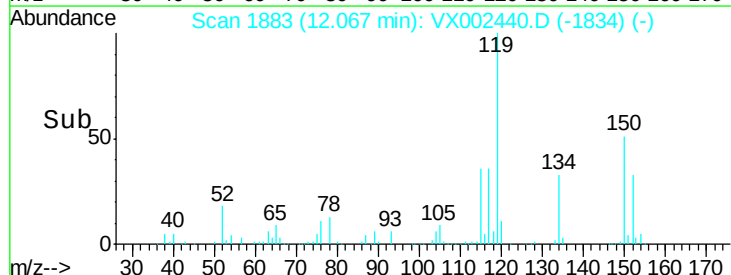
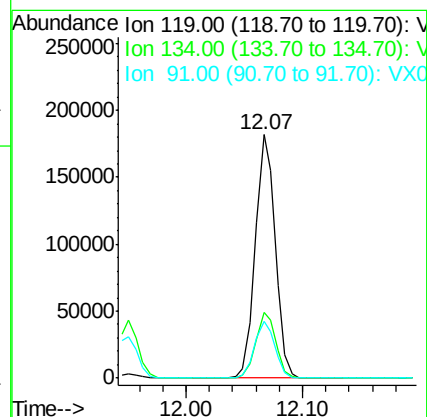
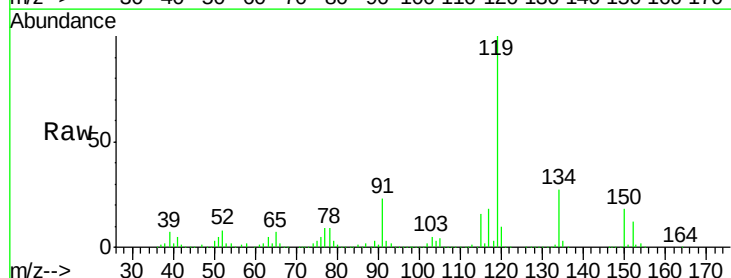
Tgt Ion:119 Resp: 217980

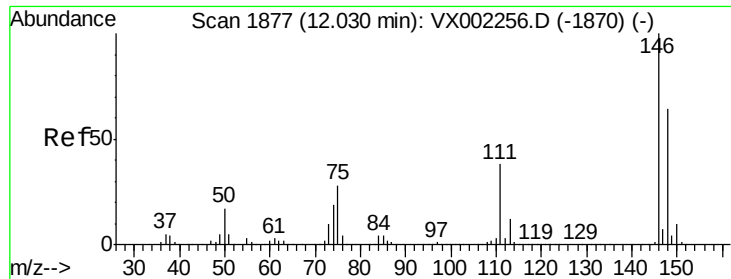
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.9 11.9 35.7





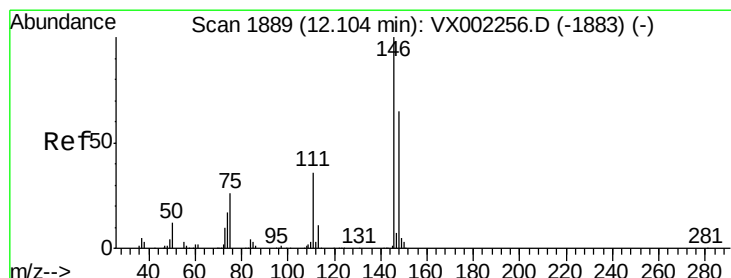
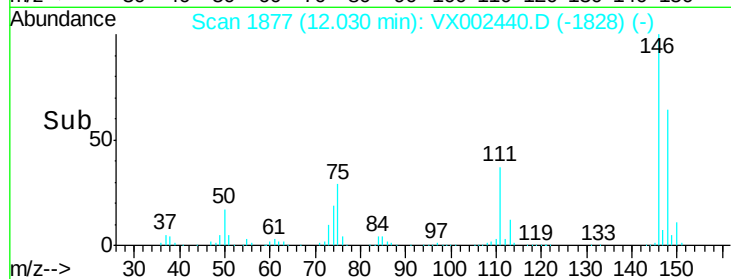
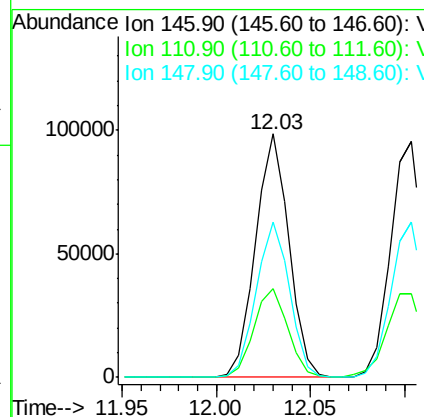
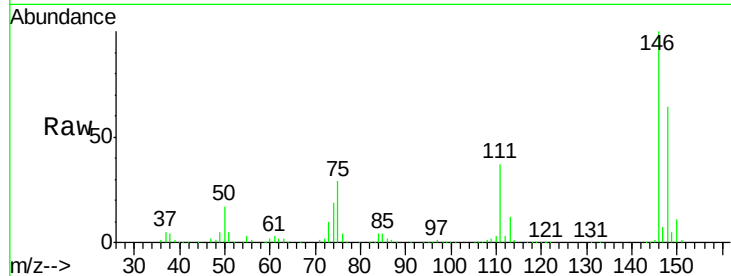
#87
 1,3-Dichlorobenzene
 Concen: 19.70 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	63.9	32.1	96.3

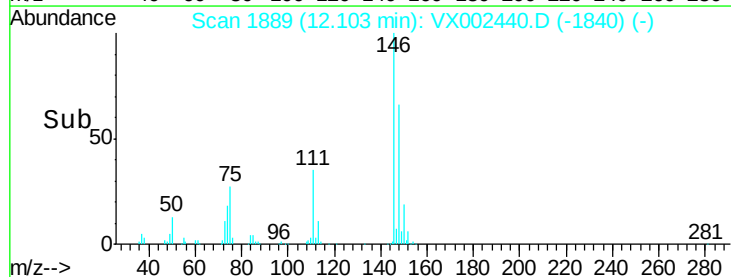
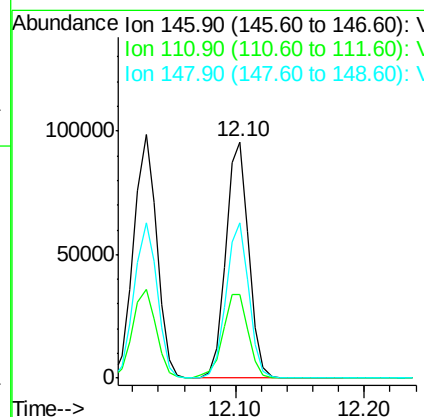
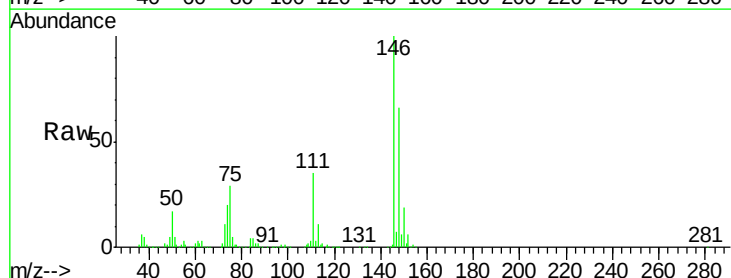
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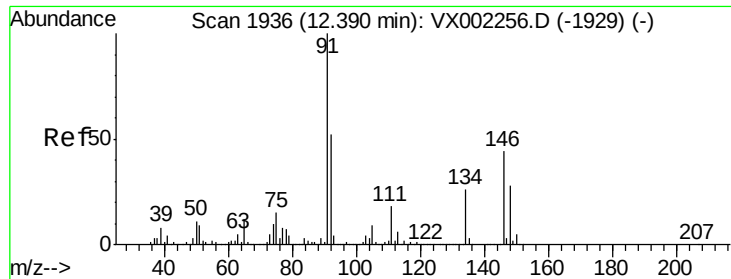
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#88
 1,4-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.7	56.1
148	65.6	32.4	97.0





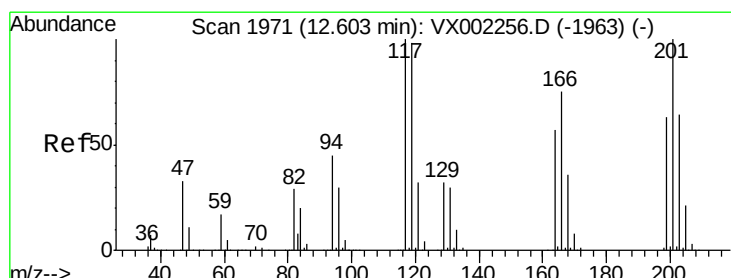
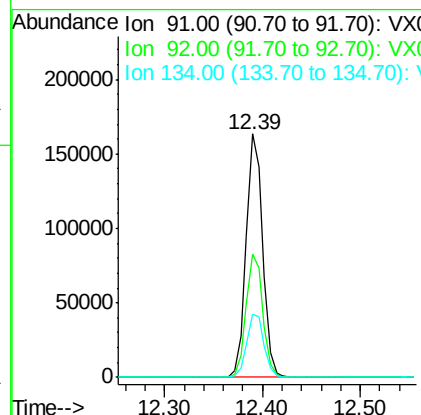
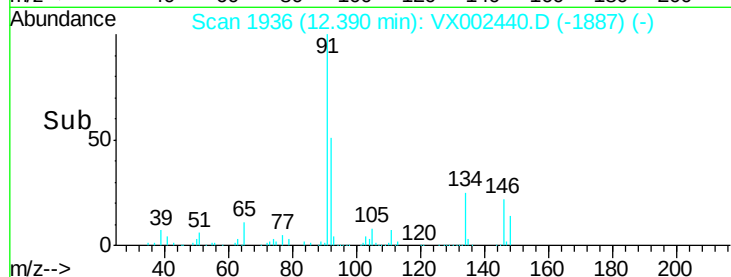
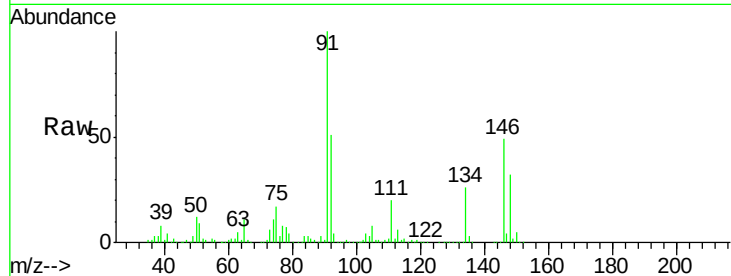
#89
n-Butylbenzene
Concen: 20.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190921		
92	51.2	26.0	78.0	
134	26.8	13.5	40.5	

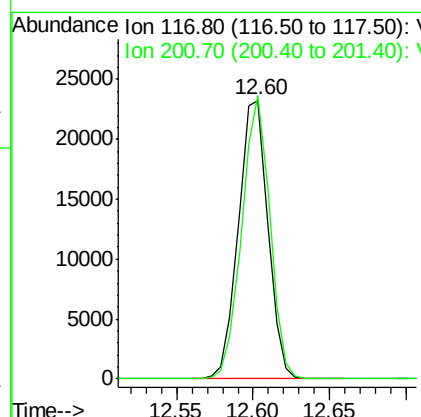
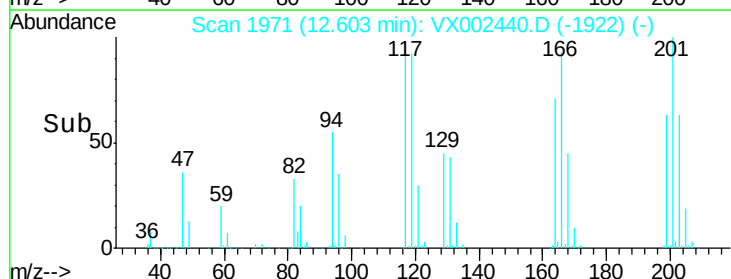
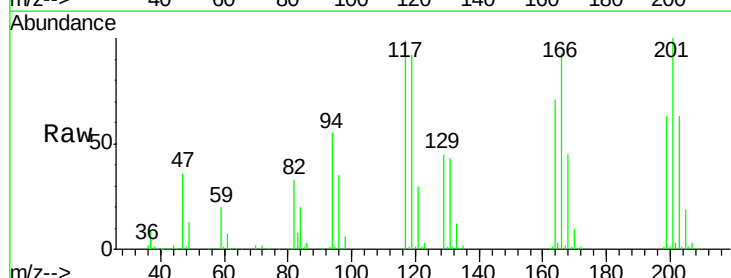
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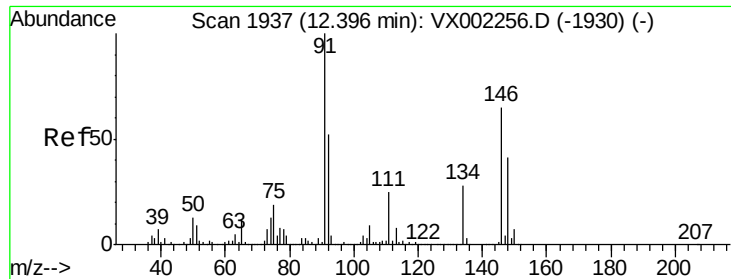
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#90
Hexachloroethane
Concen: 17.90 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002440.D
Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31159		
201	95.9	49.0	147.0	





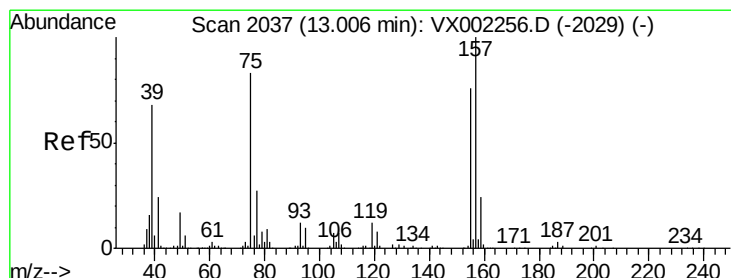
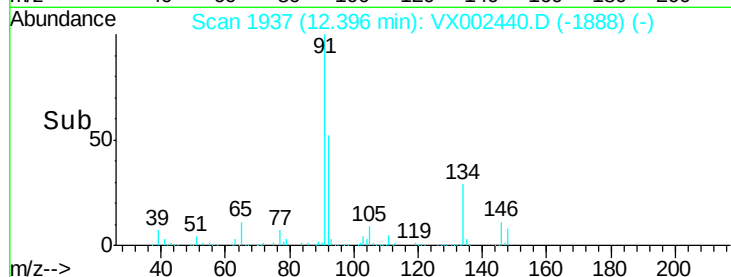
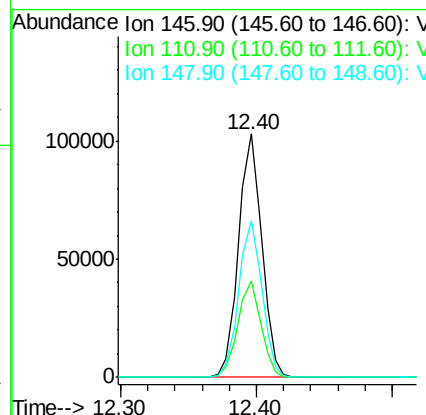
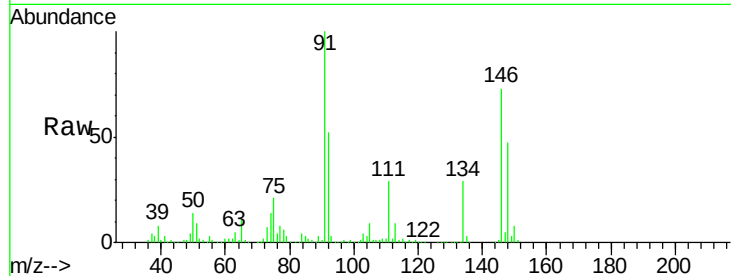
#91
 1,2-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.5	31.7	95.1

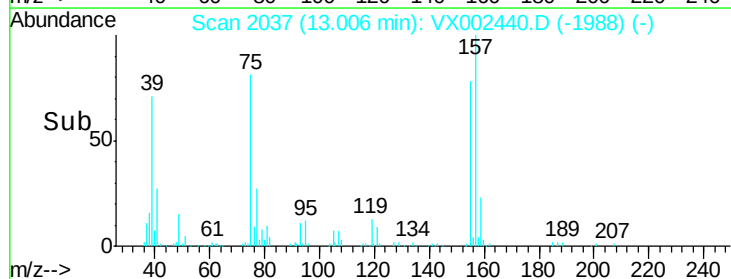
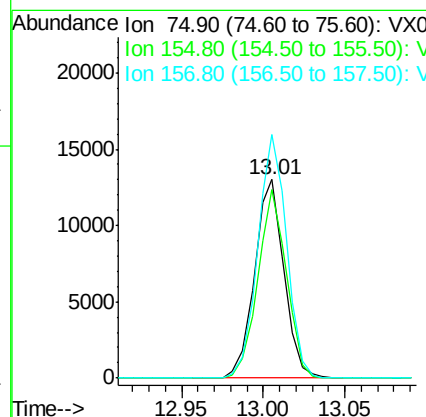
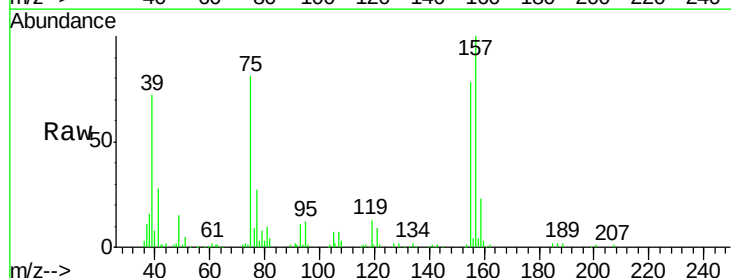
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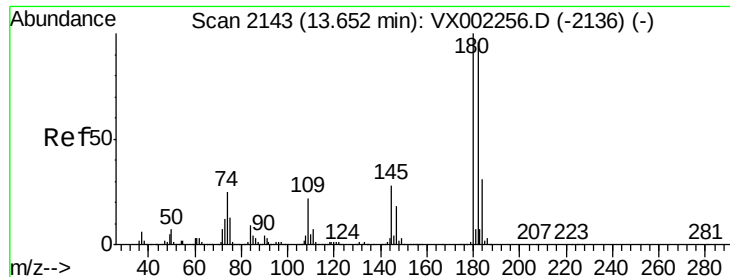
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.37 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	45.8	137.4
157	119.9	60.1	180.3





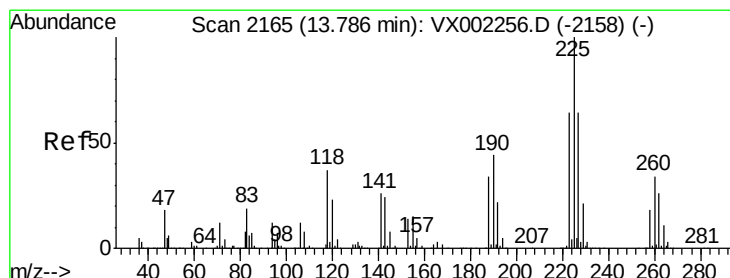
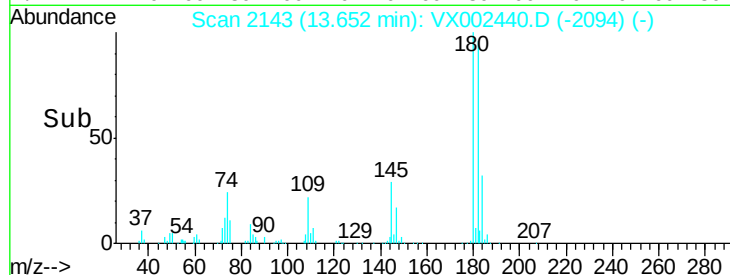
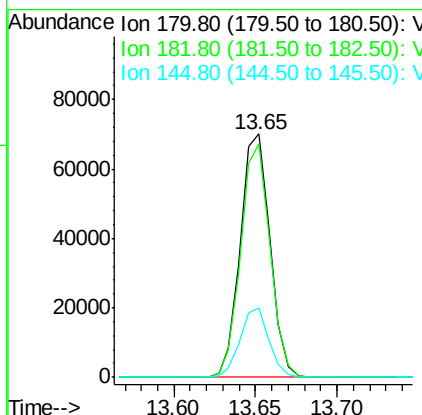
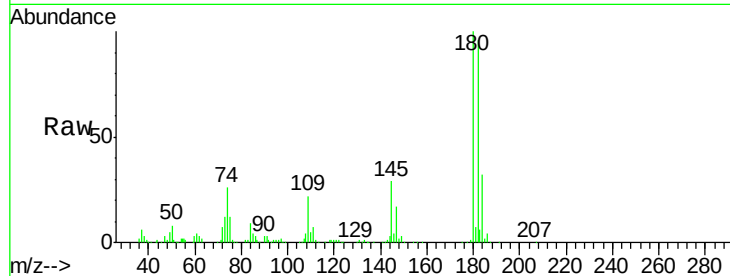
#93
 1,2,4-Trichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.7	143.1	
145	27.9	14.1	42.4	

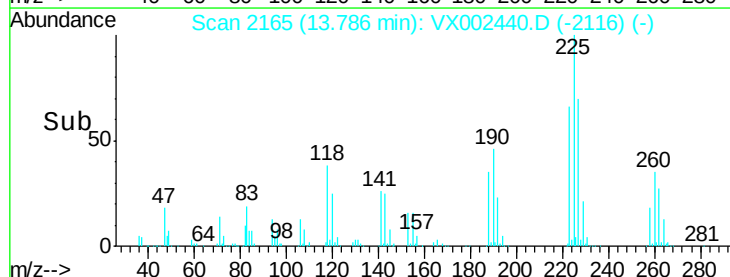
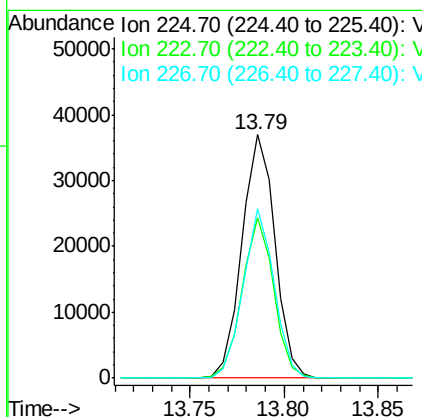
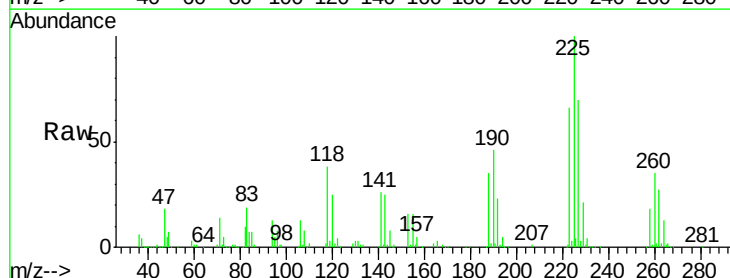
Manual Integrations
 APPROVED

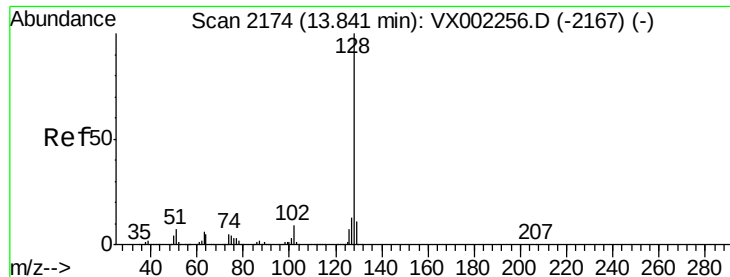
MMDadoda
 6/12/2018 4:50:31 PM



#94
 Hexachlorobutadiene
 Concen: 20.39 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002440.D
 Acq: 11 Jun 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.6	95.0	
227	65.4	32.4	97.2	





#95

Naphthalene

Concen: 19.97 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Instrument :

MSVOA_X

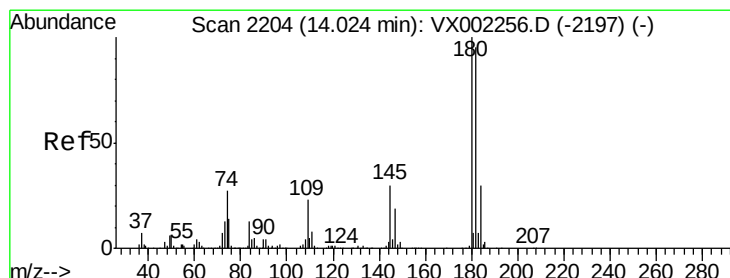
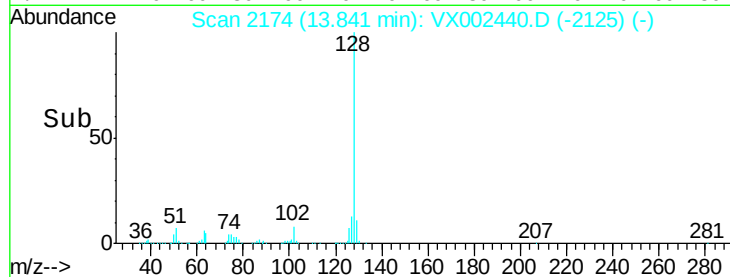
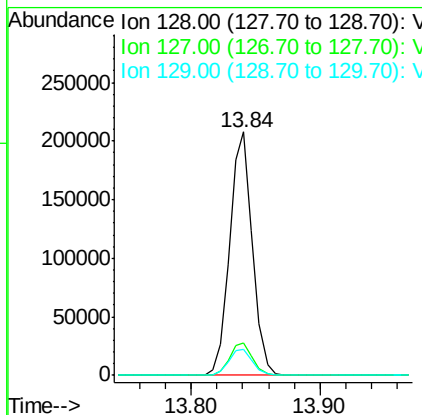
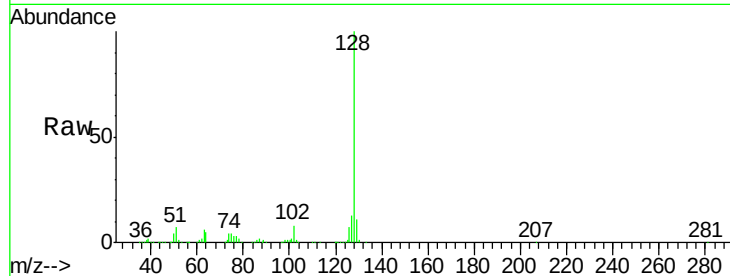
ClientSampleId :

VX0611WBSD01

Tot Ion:	128	Resp:	255598
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/12/2018 4:50:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002440.D

Acq: 11 Jun 2018 14:02

Tgt Ion:	180	Resp:	91968
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.4	14.8	44.3

