

Data File : VX002259.D
Acq On : 04 Jun 2018 13:02
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:04 PM

Quant Time: Jun 05 05:05:17 2018
Quant Method : Y:\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	332925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	456319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279071	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	223741	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.51	113	175892	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.72	98	681256	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	265282	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	183702	53.08	ug/l	98
3) Chloromethane	1.32	50	197905	49.90	ug/l	99
4) Vinyl Chloride	1.41	62	205175	47.04	ug/l	99
5) Bromomethane	1.64	94	132437	53.91	ug/l	98
6) Chloroethane	1.72	64	127017	45.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	329709	49.61	ug/l	100
8) Diethyl Ether	2.19	74	114168	48.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	187592	52.31	ug/l	100
10) Methyl Iodide	2.51	142	217541	43.13	ug/l	99
11) Tert butyl alcohol	3.07	59	217869	220.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	165120	46.59	ug/l	99
13) Acrolein	2.29	56	107272	225.99	ug/l	100
14) Allyl chloride	2.73	41	337248	43.85	ug/l	99
15) Acrylonitrile	3.15	53	466925	229.65	ug/l	100
16) Acetone	2.45	43	496535	241.88	ug/l	99
17) Carbon Disulfide	2.57	76	450330	48.21	ug/l	98
18) Methyl Acetate	2.78	43	223229	46.62	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	594280	48.06	ug/l	98
20) Methylene Chloride	2.86	84	180369	47.79	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	176397	45.13	ug/l	97
22) Diisopropyl ether	3.87	45	628684	48.89	ug/l	96
23) Vinyl Acetate	3.82	43	2761606	221.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	335367	44.12	ug/l	100
25) 2-Butanone	4.70	43	678032	207.71	ug/l	100
26) 2,2-Dichloropropane	4.59	77	278424	46.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	186674	43.92	ug/l	96
28) Bromochloromethane	5.02	49	160842	49.73	ug/l	99
29) Tetrahydrofuran	5.16	42	425010	201.94	ug/l	98
30) Chloroform	5.22	83	323095	44.05	ug/l	98
31) Cyclohexane	5.58	56	304631	50.68	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	297353	47.80	ug/l	99
36) 1,1-Dichloropropene	5.81	75	245105	51.09	ug/l	99
37) Ethyl Acetate	4.86	43	261697	45.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	261956	52.20	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318687	53.75	ug/l	99
40) Benzene	6.15	78	718384	48.84	ug/l	99
41) Methacrylonitrile	5.06	41	150308	45.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274281	46.93	ug/l	100
43) Isopropyl Acetate	6.46	43	456574	46.59	ug/l	100
44) Trichloroethene	7.21	130	210286	51.51	ug/l	98
45) 1,2-Dichloropropane	7.52	63	188639	47.50	ug/l	99
46) Dibromomethane	7.66	93	124638	46.30	ug/l	98
47) Bromodichloromethane	7.90	83	241774	49.66	ug/l	100
48) Methyl methacrylate	7.78	41	231957	47.13	ug/l	99
49) 1,4-Dioxane	7.76	88	85336	927.24	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1406466	230.48	ug/l	100
52) Toluene	8.79	92	470734	50.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	298084	51.06	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	284696	51.68	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	183807	47.77	ug/l	99
56) Ethyl methacrylate	9.18	69	291637	47.47	ug/l	99
57) 1,3-Dichloropropane	9.38	76	304529	47.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	688707	242.23	ug/l	100
59) 2-Hexanone	9.50	43	1105212	234.48	ug/l	99
60) Dibromochloromethane	9.59	129	201340	52.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	194514	48.48	ug/l	100
64) Tetrachloroethene	9.34	164	233484	51.57	ug/l	100
65) Chlorobenzene	10.14	112	538062	49.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	197223	49.87	ug/l	100
67) Ethyl Benzene	10.26	91	937834	51.31	ug/l	99
68) m/p-Xylenes	10.37	106	729880	102.72	ug/l	99
69) o-Xylene	10.70	106	352828	49.90	ug/l	100
70) Styrene	10.72	104	588767	50.93	ug/l	100
71) Bromoform	10.86	173	159105	45.27	ug/l #	99
73) Isopropylbenzene	11.02	105	973161	50.13	ug/l	100
74) N-amyl acetate	6.46	43	456574	43.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	268588	43.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277032m	45.24	ug/l	
77) Bromobenzene	11.26	156	257378	47.22	ug/l	100
78) n-propylbenzene	11.37	91	1128325	52.29	ug/l	99
79) 2-Chlorotoluene	11.43	91	654767	48.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	832005	49.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	85315	48.84	ug/l	99
82) 4-Chlorotoluene	11.52	91	785539	49.95	ug/l	100
83) tert-Butylbenzene	11.77	119	808260	49.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	857631	50.03	ug/l	100
85) sec-Butylbenzene	11.95	105	1018669	53.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	928154	53.60	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	484131	49.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	493966	49.18	ug/l	99
89) n-Butylbenzene	12.39	91	827863	57.01	ug/l	99
90) Hexachloroethane	12.60	117	145070	52.49	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	478067	47.41	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	64484	48.29	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Quantitation Report (QT Reviewed)

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Quant Time: Jun 05 05:05:17 2018
Quant Method : Y:\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	373528	52.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	206863	59.21	ug/l	98
95) Naphthalene	13.84	128	989200	48.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	369135	51.20	ug/l	100

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

Data File : VX002259.D

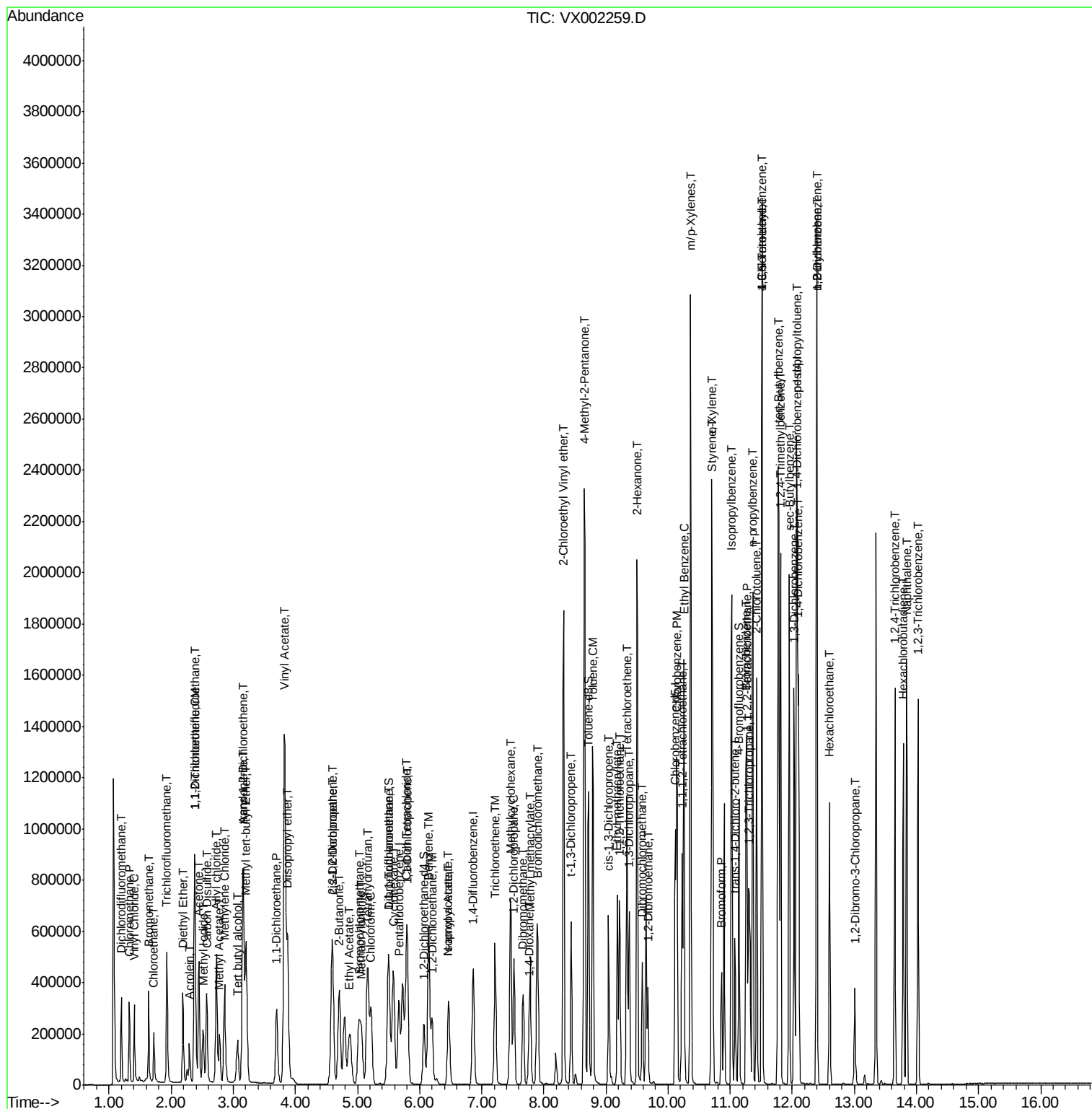
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Acq On       : 04 Jun 2018   13:02
Operator    : JC/MD
Sample      : VSTDICV050
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 8      Sample Multiplier: 1
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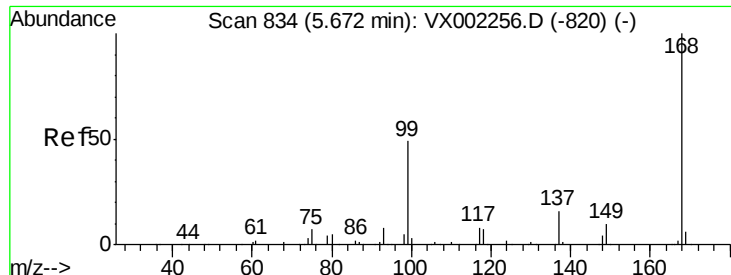
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Manual Integrations
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MMDadoda
6/5/2018 5:56:04 PM

Quant Time: Jun 05 05:05:17 2018
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion:168 Resp: 332925

Ion Ratio Lower Upper

168 100

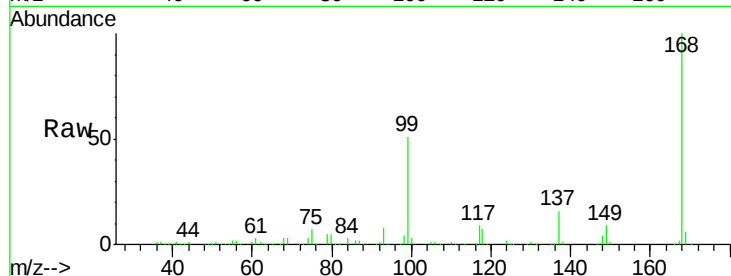
99 50.6 39.3 58.9

Manual Integrations

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6/5/2018 5:56:04 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

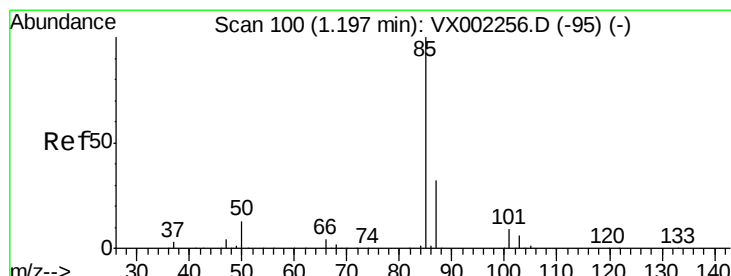
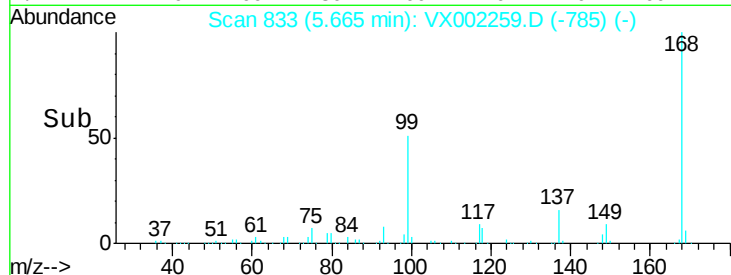
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002259.D

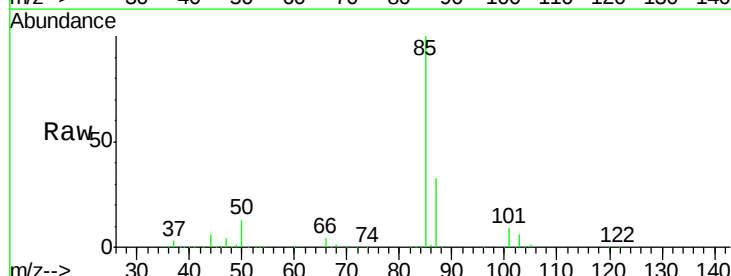
Acq: 04 Jun 2018 13:02

Tgt Ion: 85 Resp: 183702

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

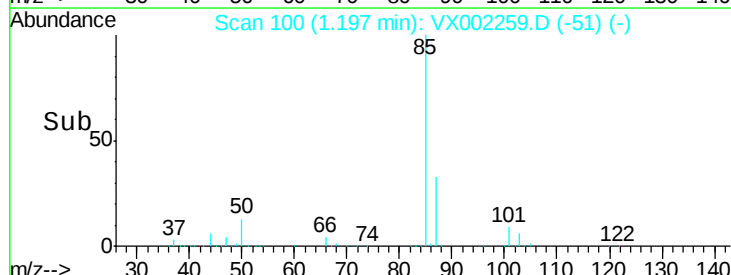
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.90 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 50 Resp: 197905

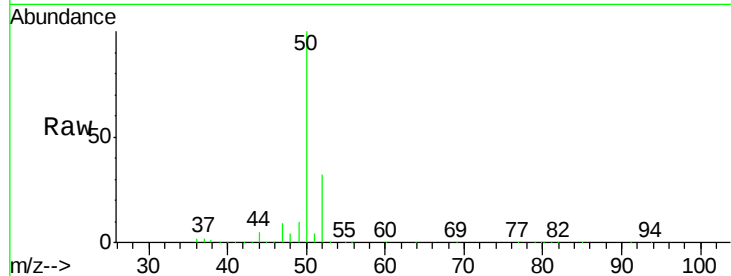
Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5

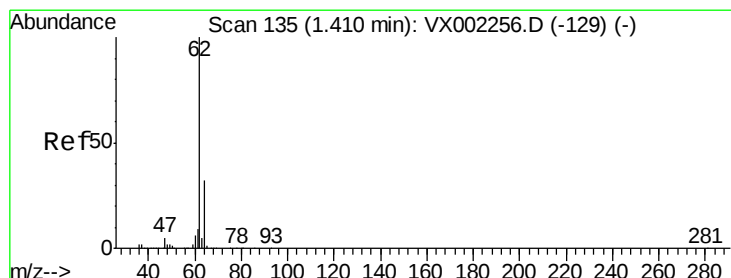
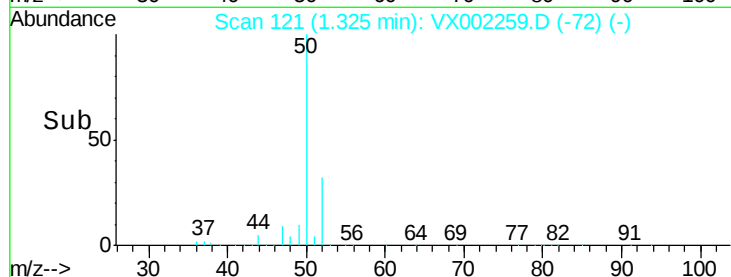
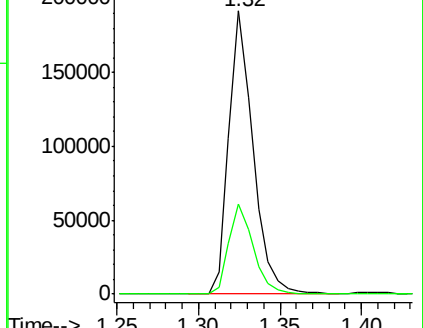
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.04 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002259.D

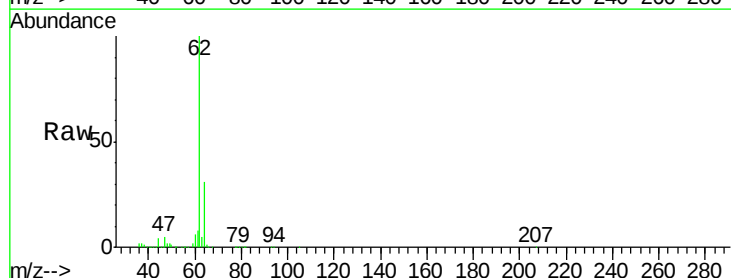
Acq: 04 Jun 2018 13:02

Tgt Ion: 62 Resp: 205175

Ion Ratio Lower Upper

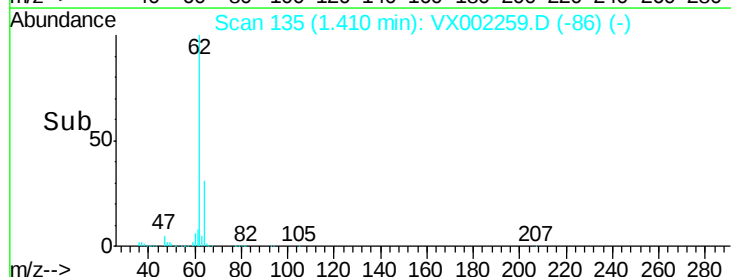
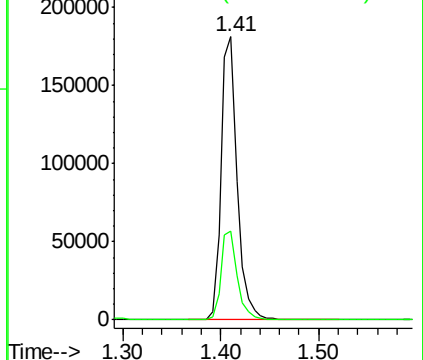
62 100

64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.91 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 94 Resp: 132437

Ion Ratio Lower Upper

94 100

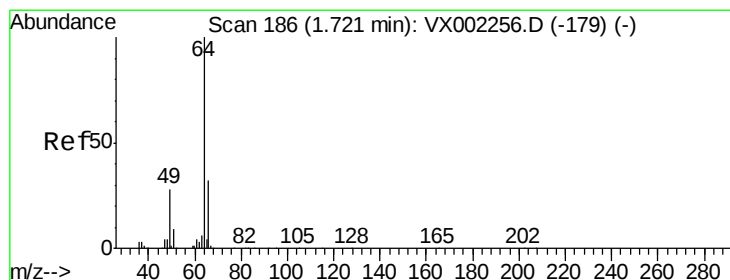
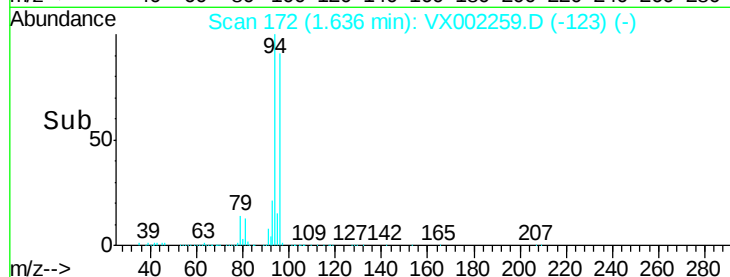
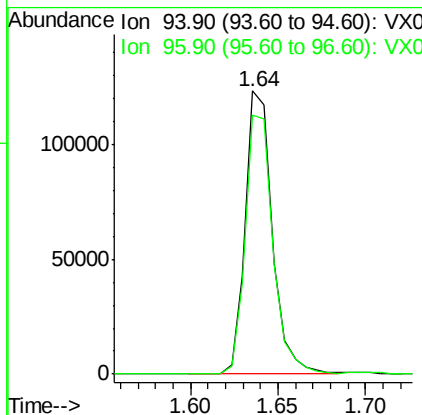
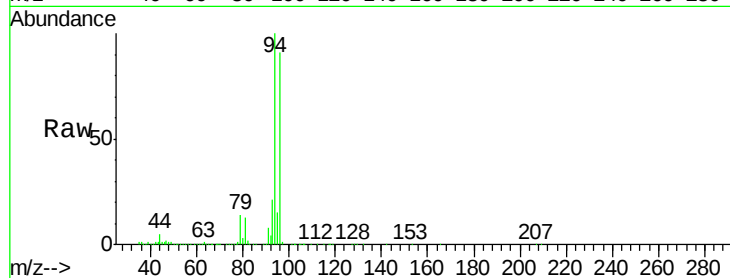
96 91.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 45.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002259.D

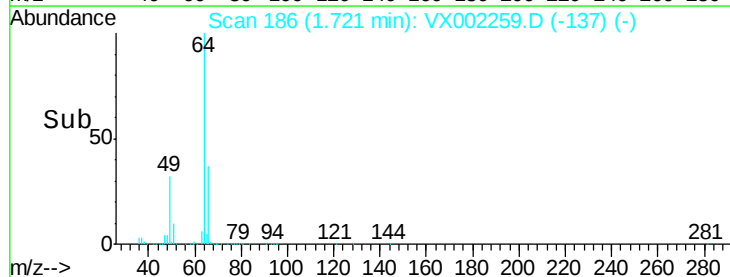
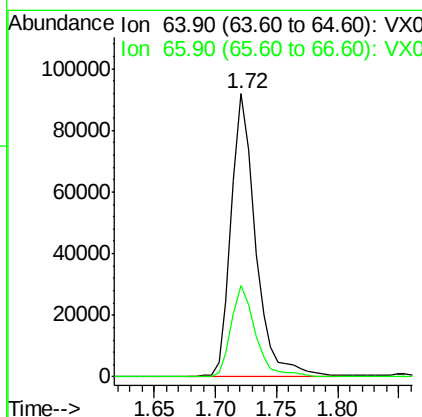
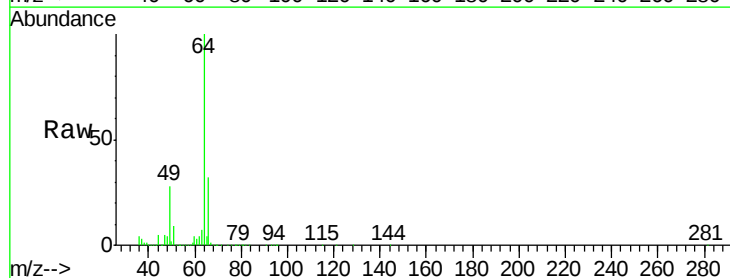
Acq: 04 Jun 2018 13:02

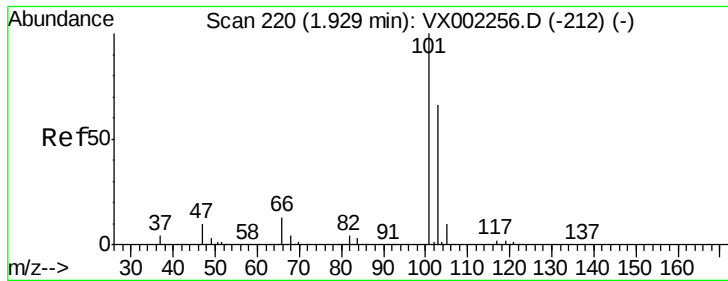
Tgt Ion: 64 Resp: 127017

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

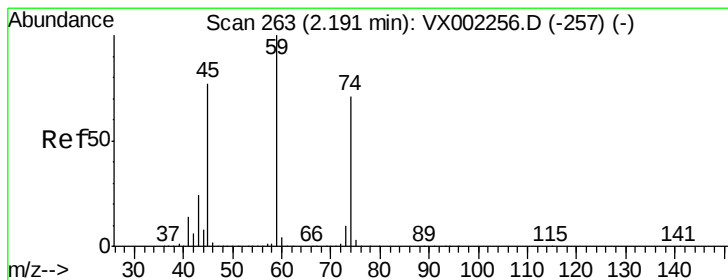
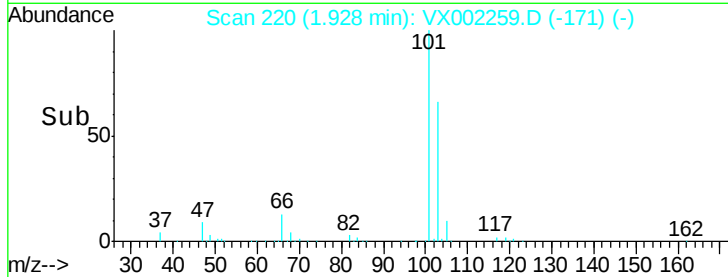
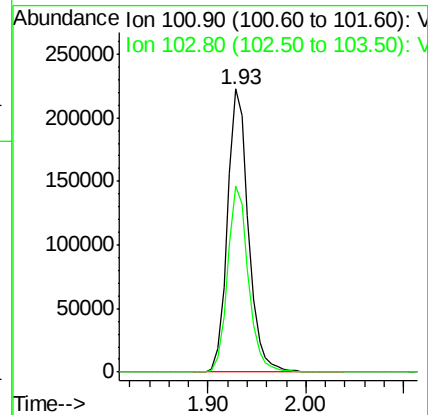
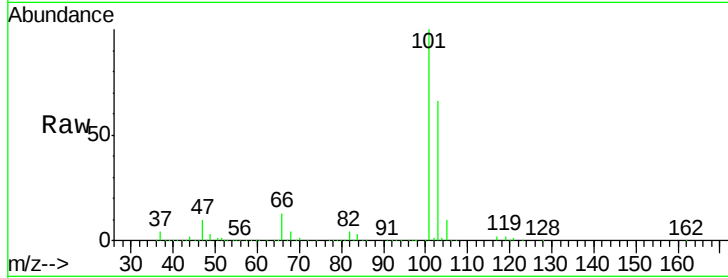
Trichlorofluoromethane
 Concen: 49.61 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion: 101 Resp: 329709
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.8 79.2

Manual Integrations
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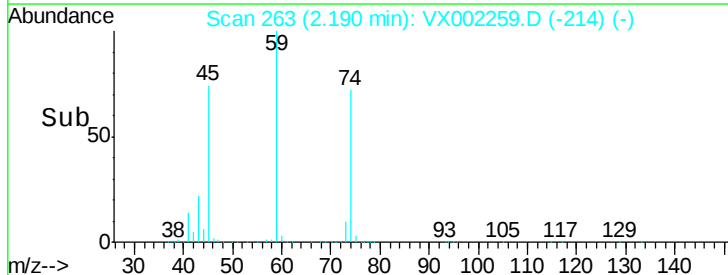
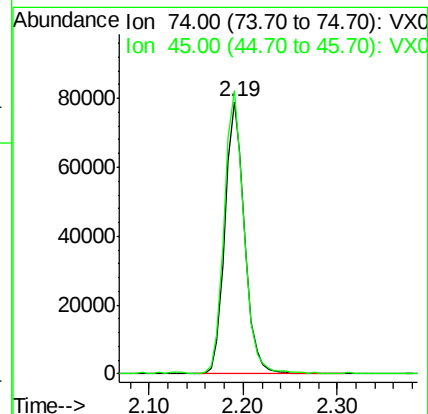
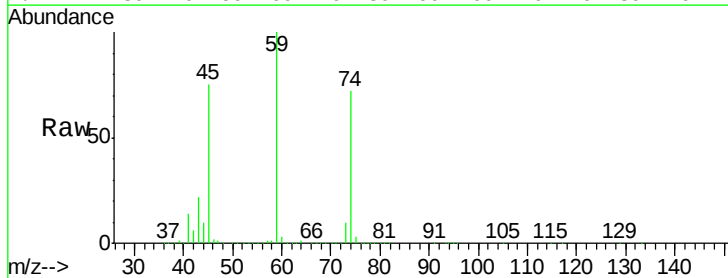
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 6/5/2018 5:56:04 PM

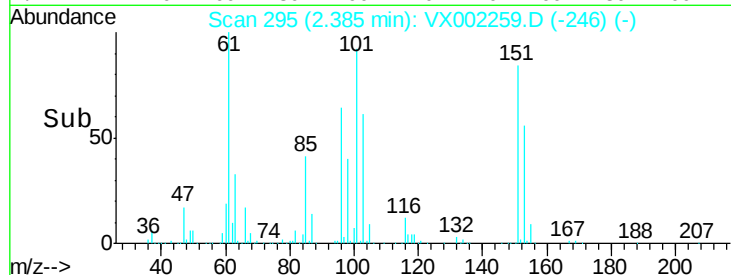
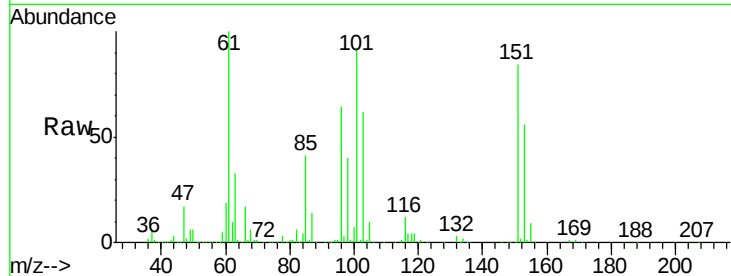
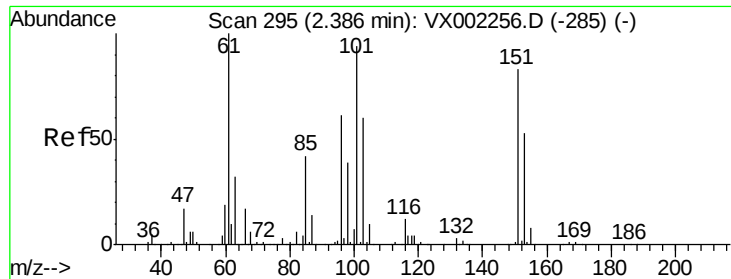


#8

Diethyl Ether
 Concen: 48.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion: 74 Resp: 114168
 Ion Ratio Lower Upper
 74 100
 45 104.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.31 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVX060418

Tgt Ion:101 Resp: 187592

Ion Ratio Lower Upper

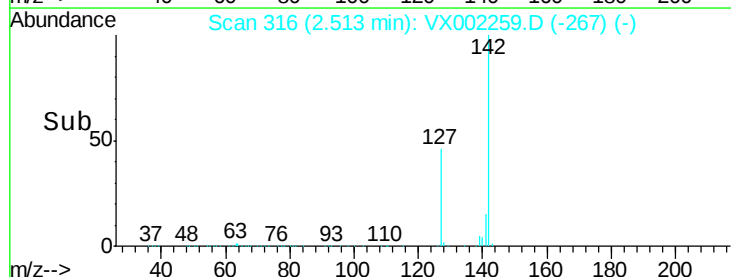
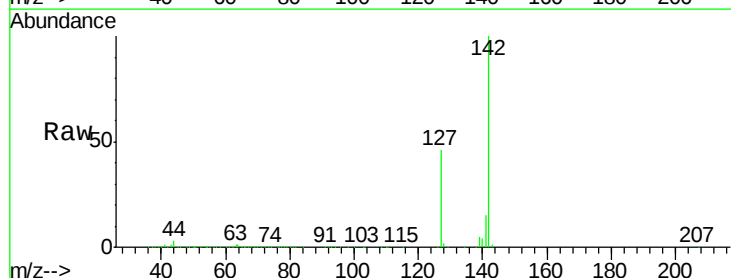
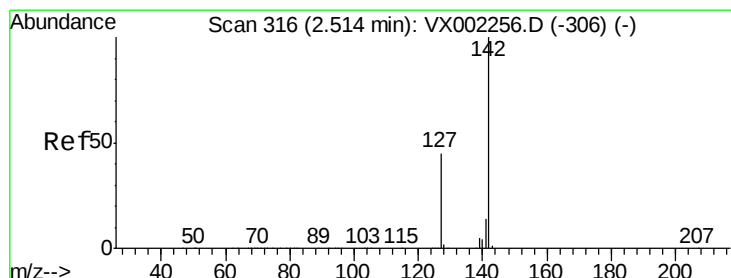
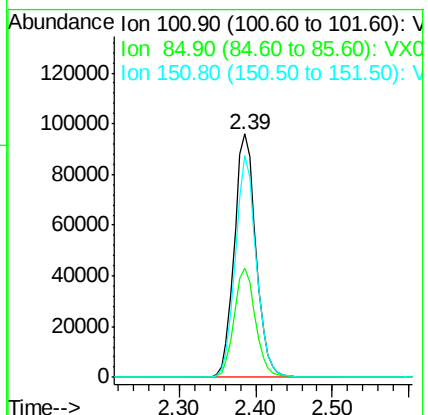
101 100

85 44.7 36.0 54.0

151 88.4 70.9 106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.13 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

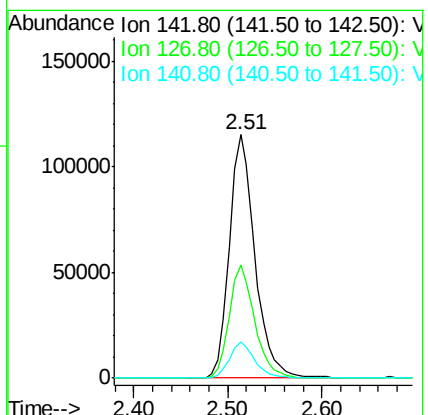
Tgt Ion:142 Resp: 217541

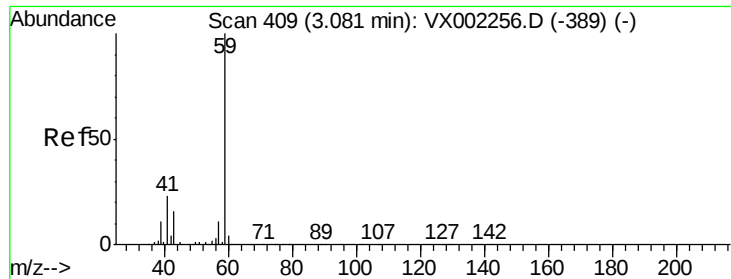
Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

141 14.6 11.3 16.9





#11

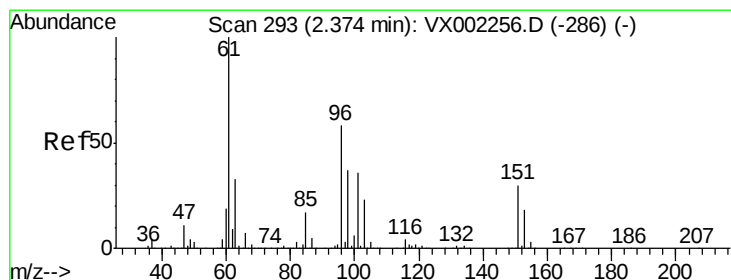
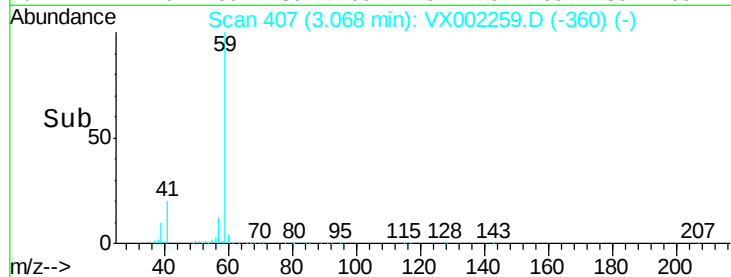
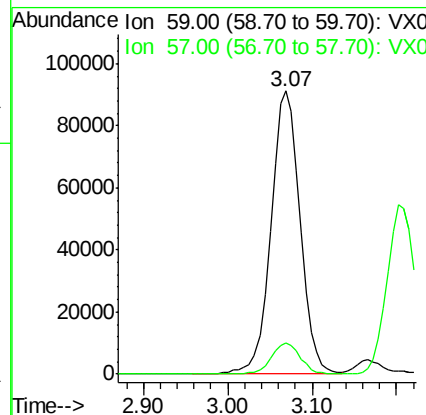
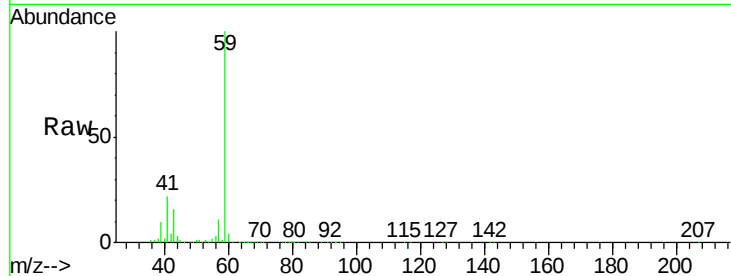
Tert butyl alcohol
Concen: 220.99 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

Manual Integrations
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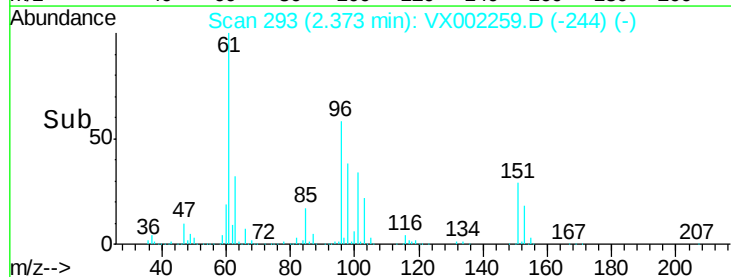
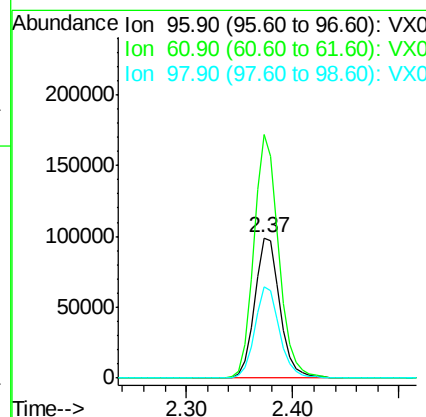
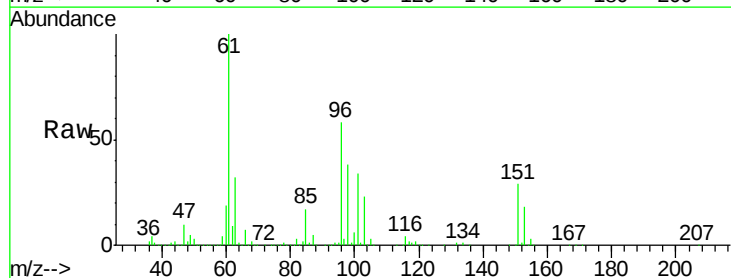
MMDadoda
6/5/2018 5:56:04 PM

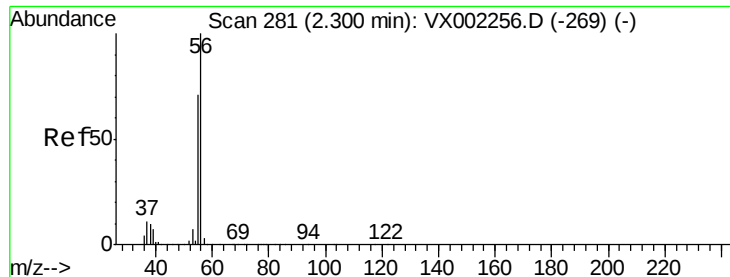


#12

1,1-Dichloroethene
Concen: 46.59 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.3	137.9	206.9
98	65.2	51.6	77.4





#13

Acrolein

Concen: 225.99 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 56 Resp: 107272

Ion Ratio Lower Upper

56 100

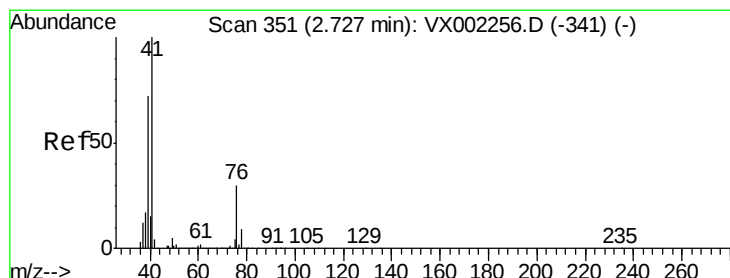
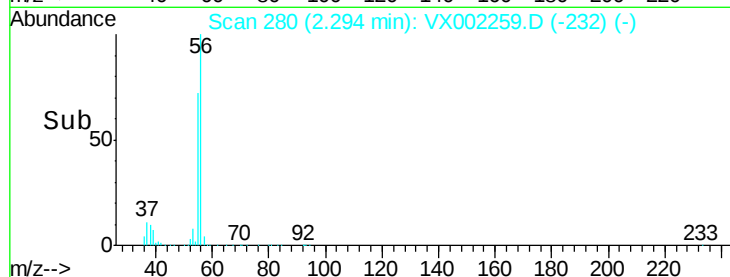
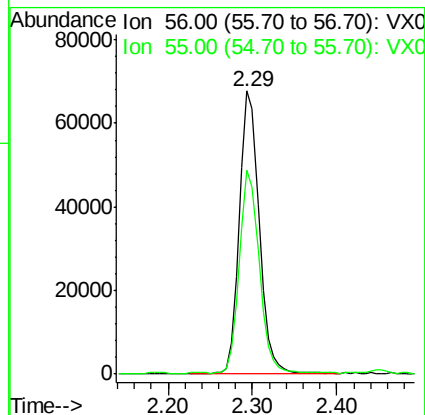
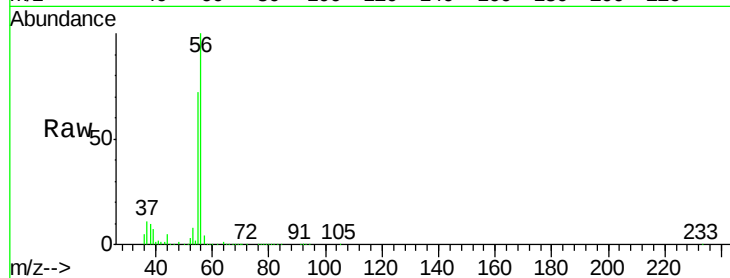
55 71.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 43.85 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

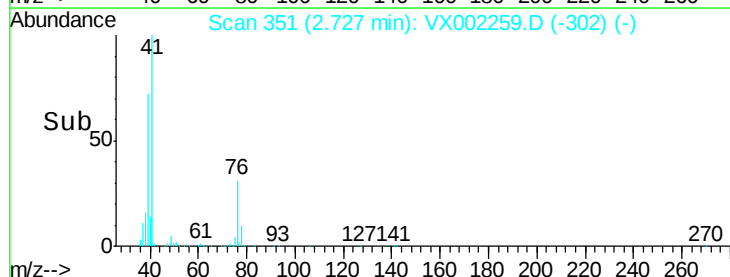
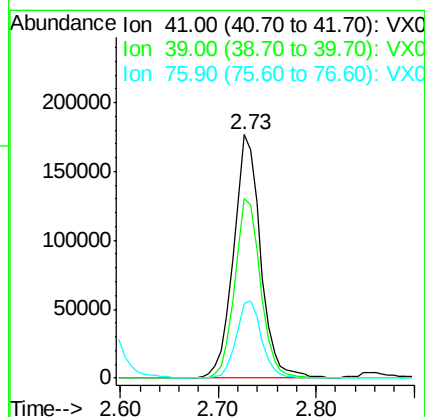
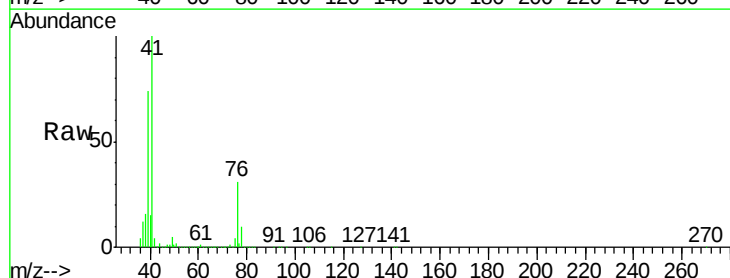
Tgt Ion: 41 Resp: 337248

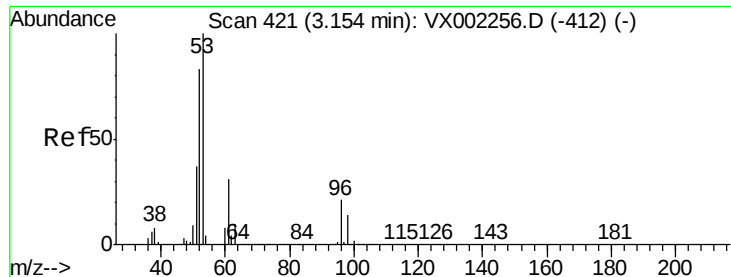
Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 229.65 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

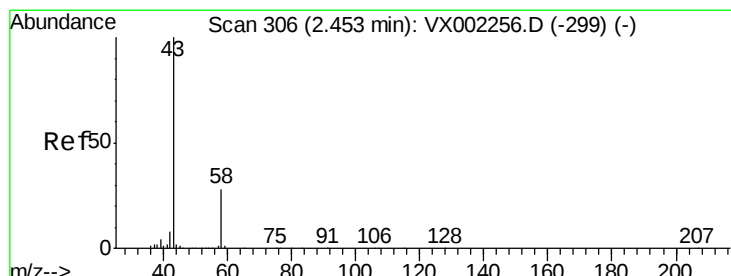
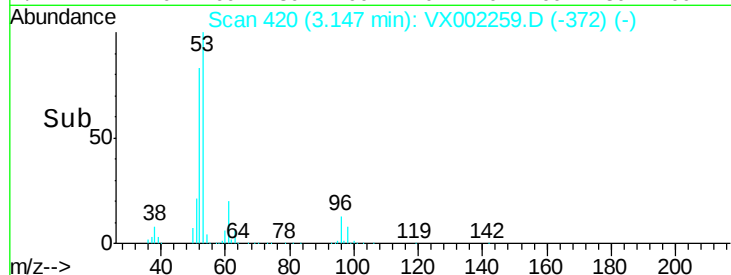
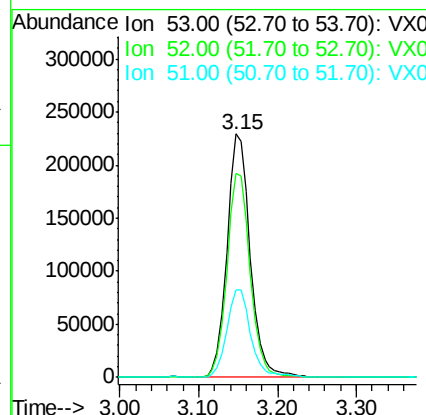
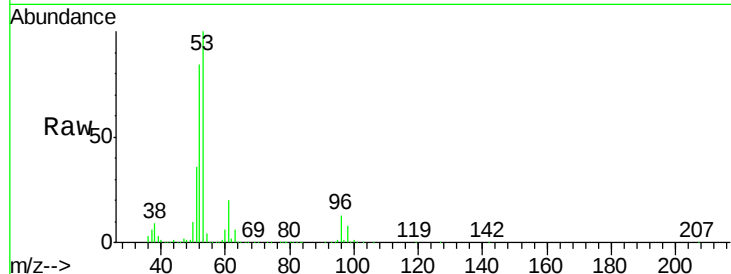
ClientSampleId :

ICVVX060418

Tgt Ion:	53	Resp:	466925
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 241.88 ug/l

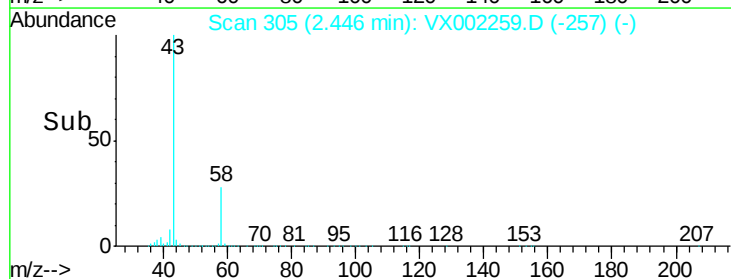
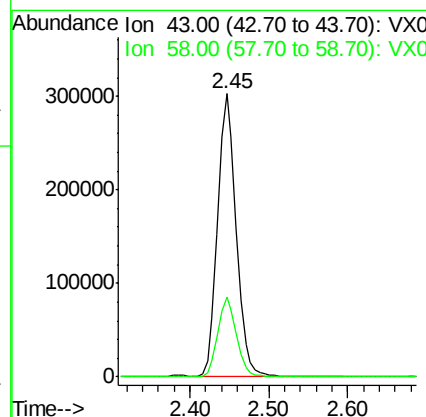
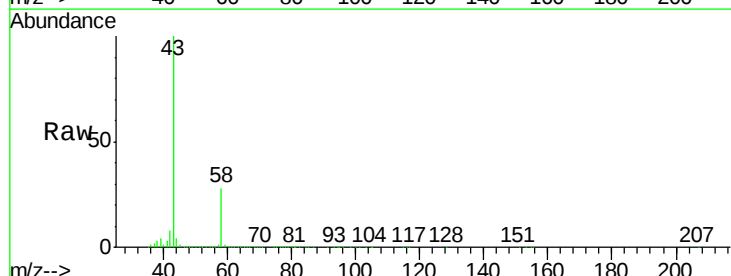
RT: 2.45 min Scan# 305

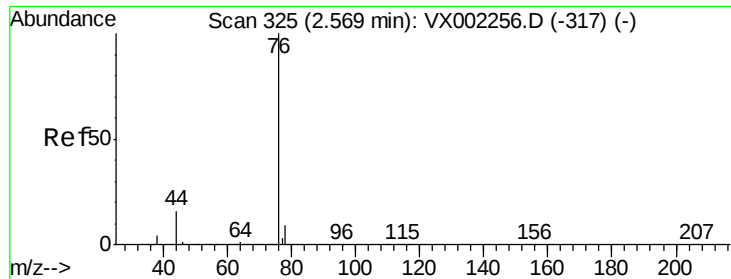
Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion:	43	Resp:	496535
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





#17

Carbon Disulfide

Concen: 48.21 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 76 Resp: 450330

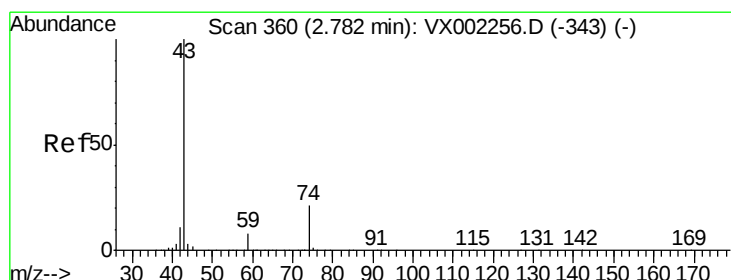
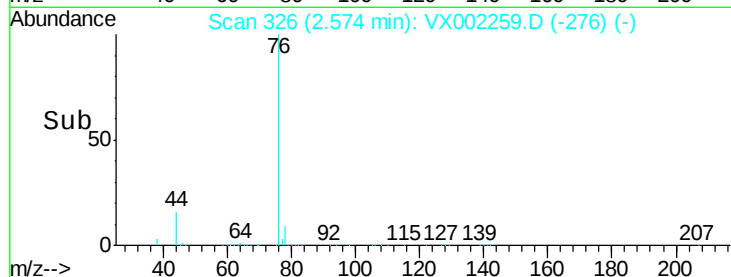
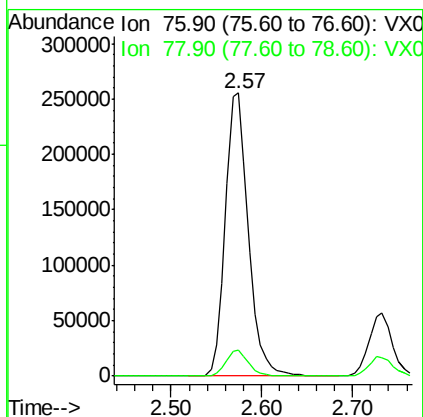
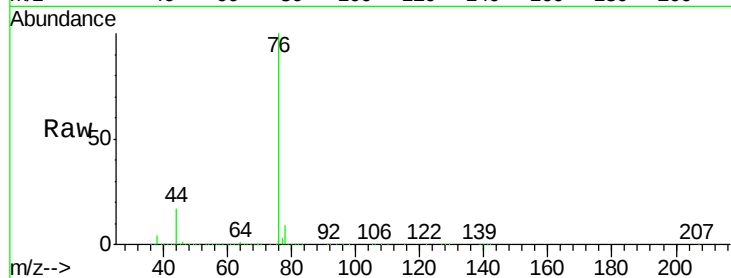
Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3

Manual Integrations
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#18

Methyl Acetate

Concen: 46.62 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002259.D

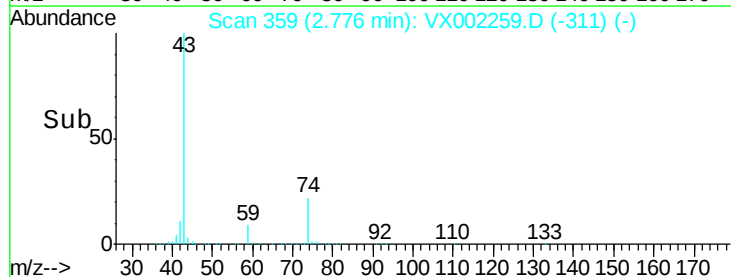
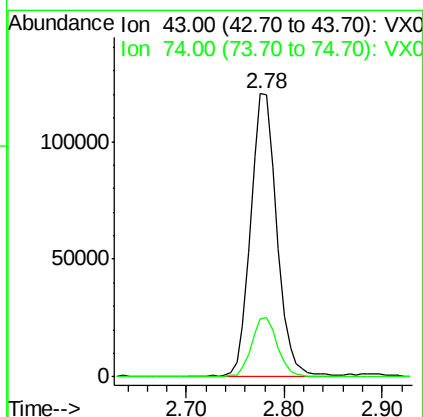
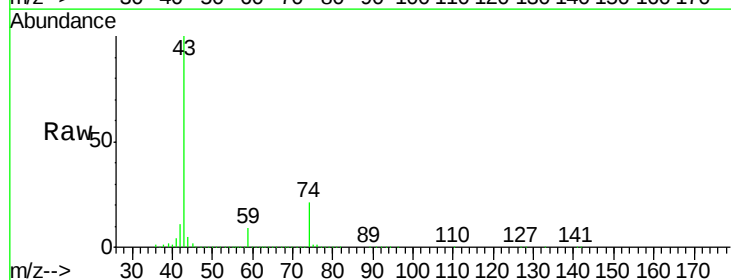
Acq: 04 Jun 2018 13:02

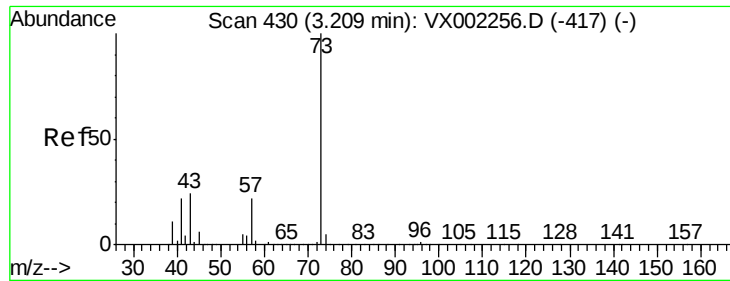
Tgt Ion: 43 Resp: 223229

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1





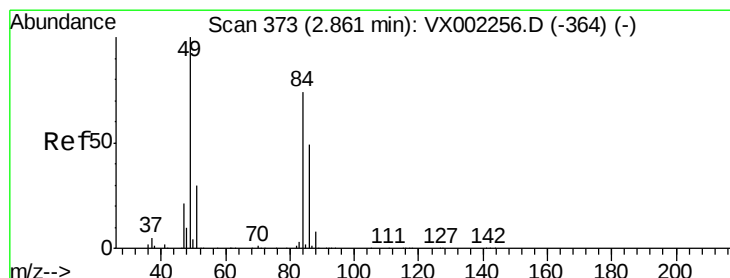
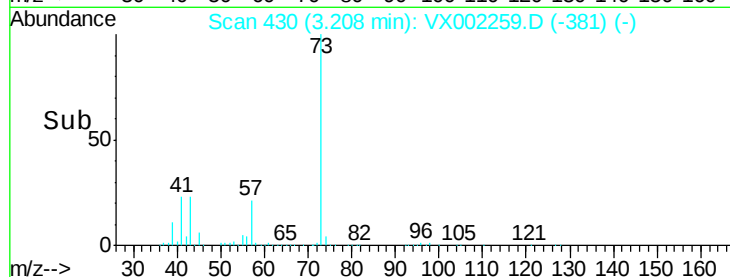
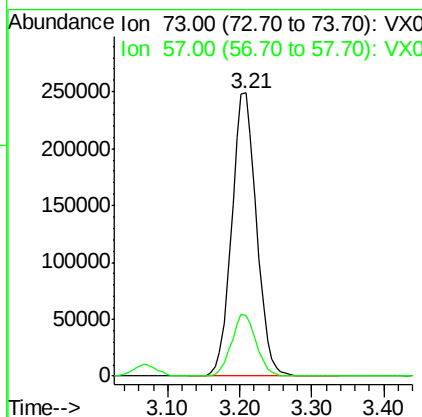
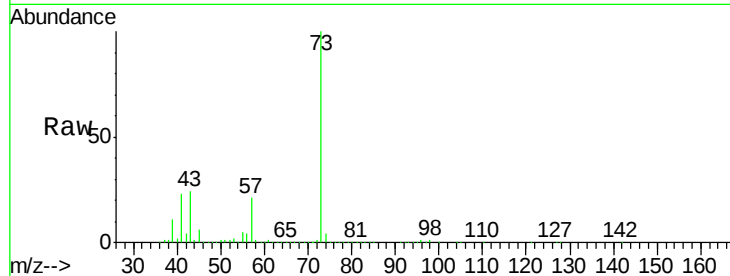
#19
Methyl tert-butyl Ether
Concen: 48.06 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion: 73 Resp: 594280
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

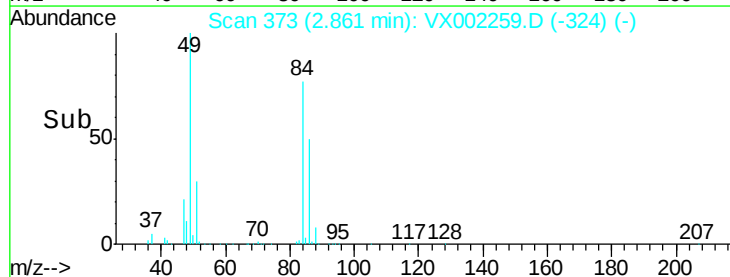
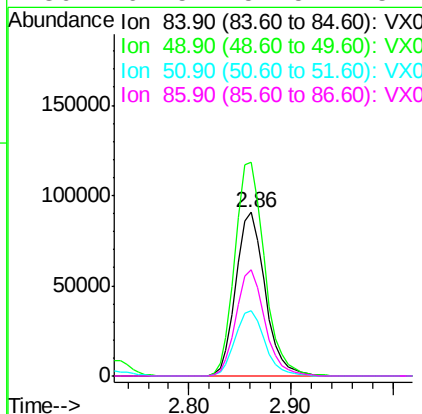
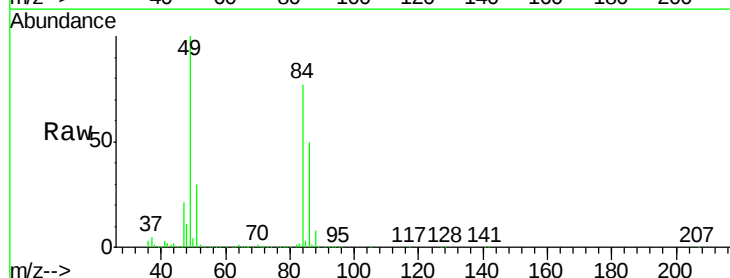
Manual Integrations
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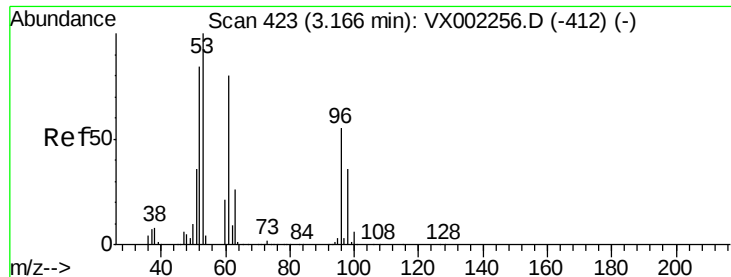
MMDadoda
6/5/2018 5:56:04 PM



#20
Methylene Chloride
Concen: 47.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion: 84 Resp: 180369
Ion Ratio Lower Upper
84 100
49 130.4 107.8 161.6
51 39.6 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 96 Resp: 176397
Ion Ratio Lower Upper

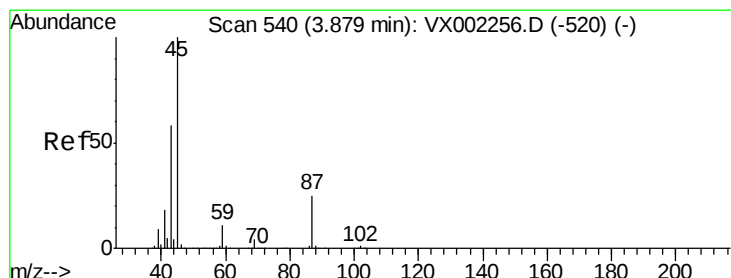
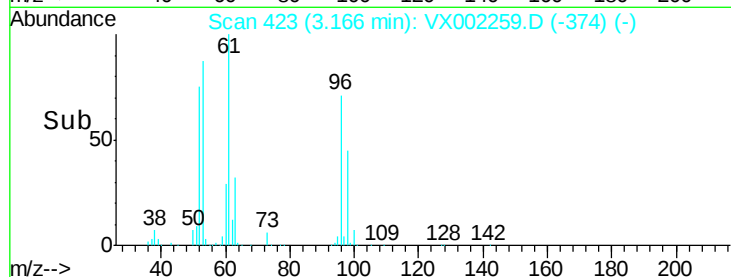
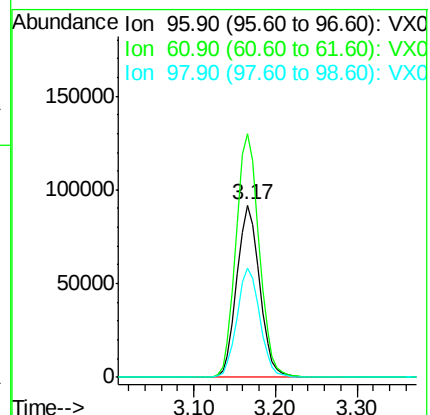
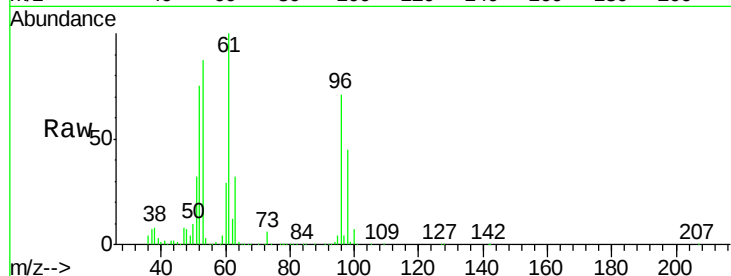
96 100

61 141.5 117.0 175.4

98 63.9 52.4 78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.89 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

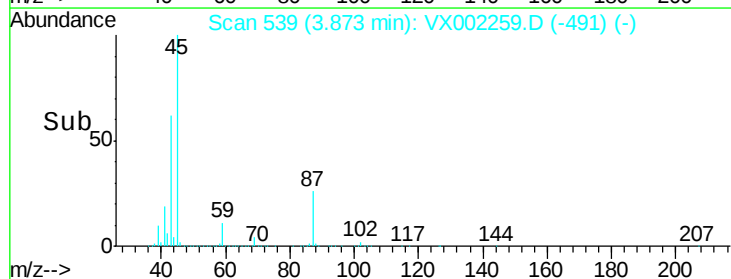
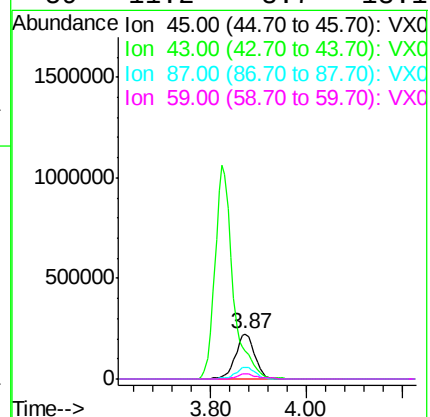
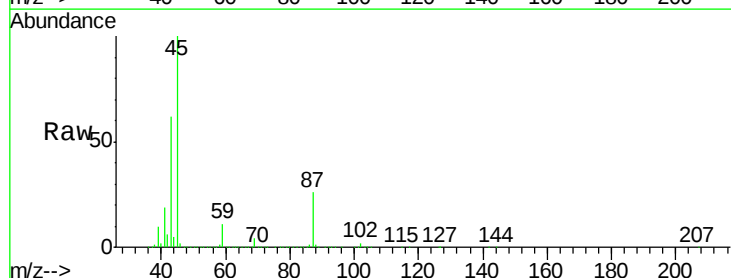
Tgt Ion: 45 Resp: 628684
Ion Ratio Lower Upper

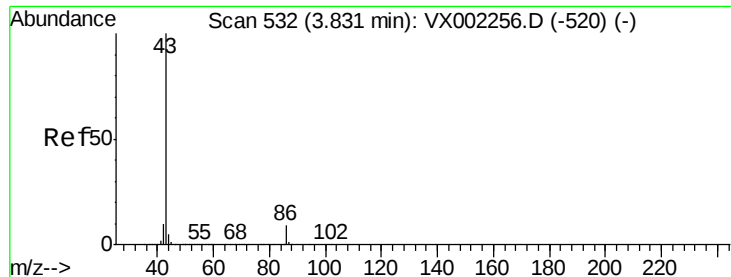
45 100

43 62.4 46.8 70.2

87 26.5 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 221.48 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVX060418

Tgt Ion: 43 Resp: 2761606

Ion Ratio Lower Upper

43 100

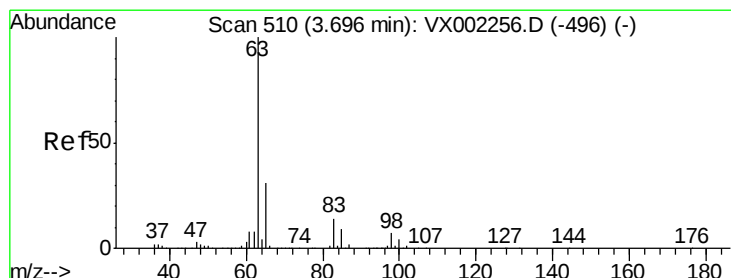
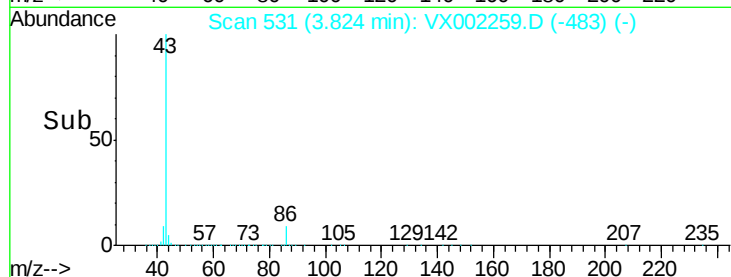
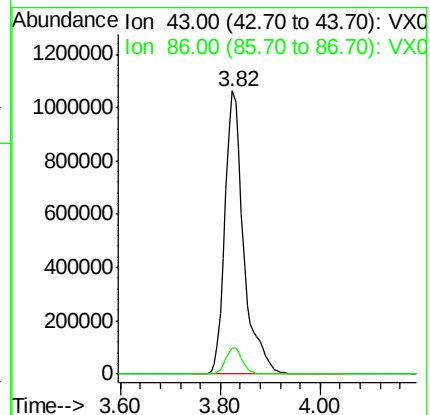
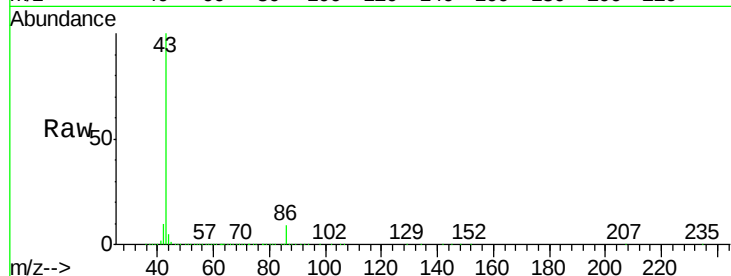
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

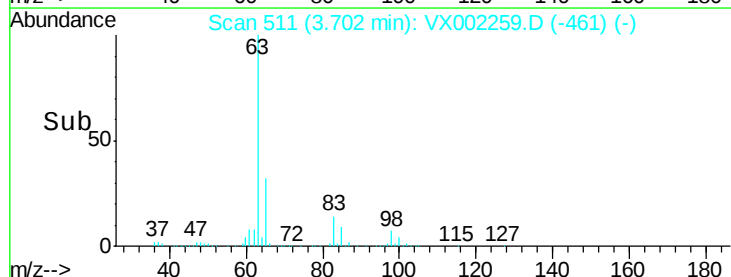
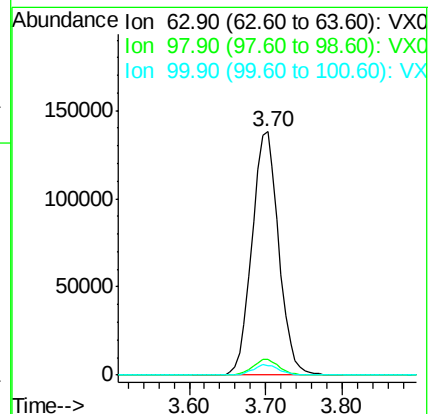
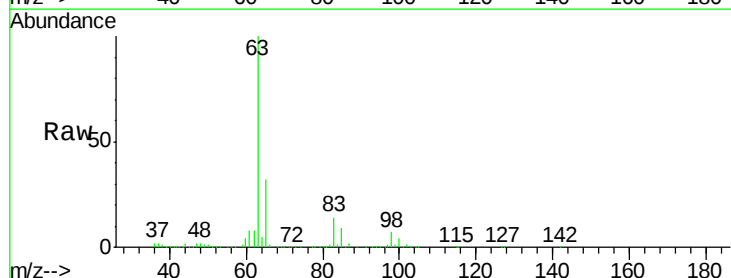
Tgt Ion: 63 Resp: 335367

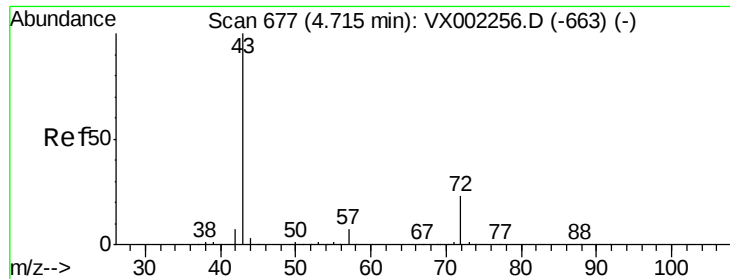
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 207.71 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 43 Resp: 678032

Ion Ratio Lower Upper

43 100

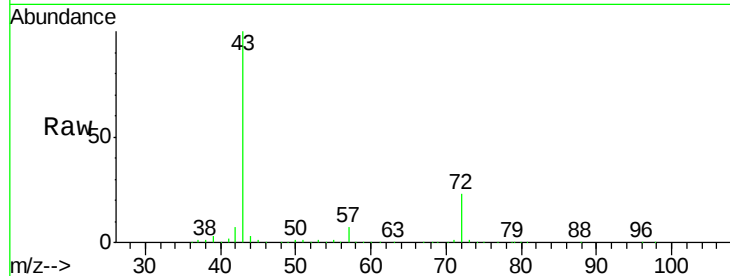
72 23.0 18.5 27.7

Manual Integrations

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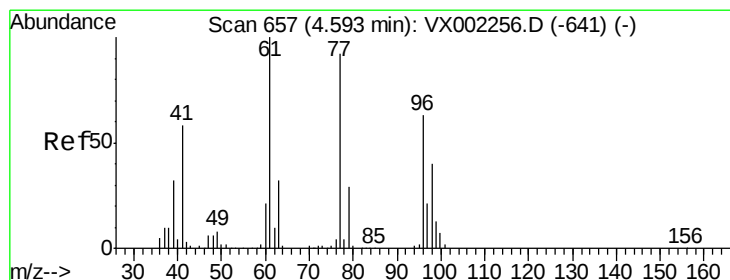
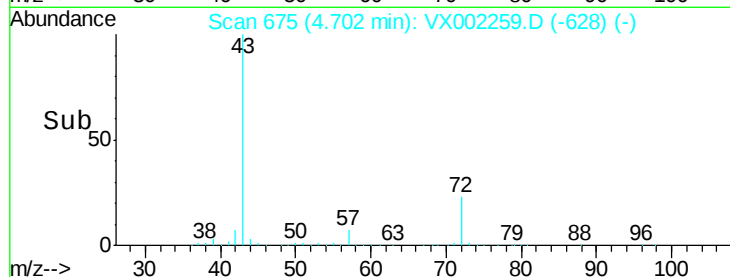
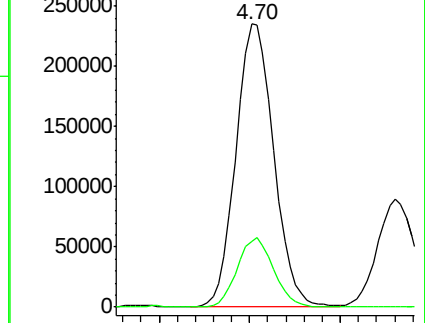
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.85 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002259.D

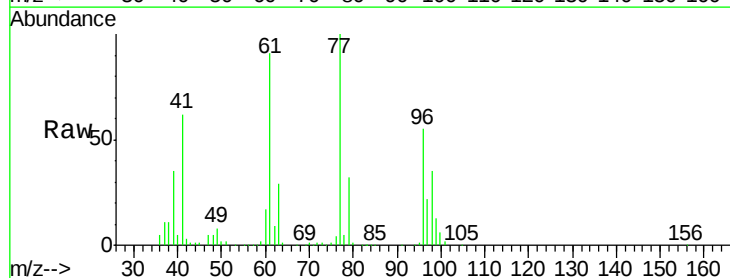
Acq: 04 Jun 2018 13:02

Tgt Ion: 77 Resp: 278424

Ion Ratio Lower Upper

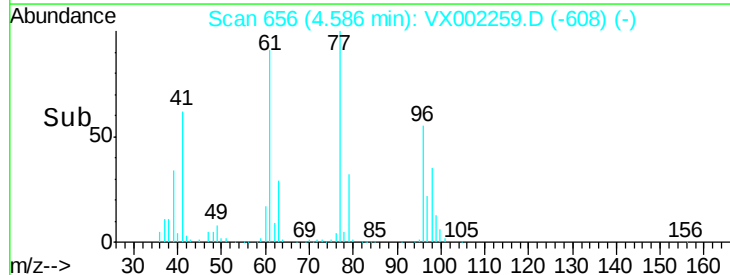
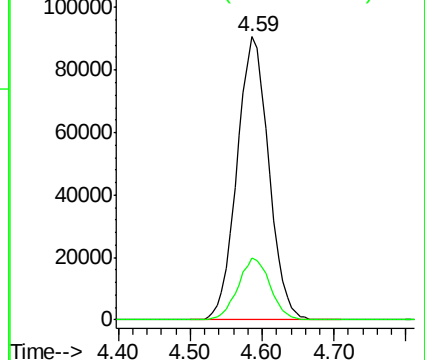
77 100

97 22.0 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: 43.92 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

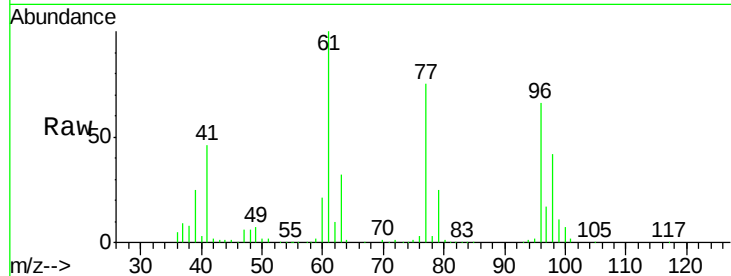
ClientSampled :

ICVVX060418

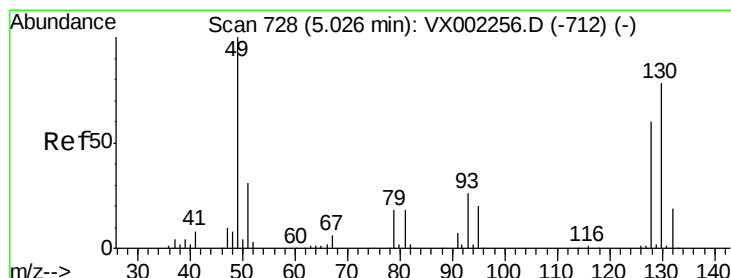
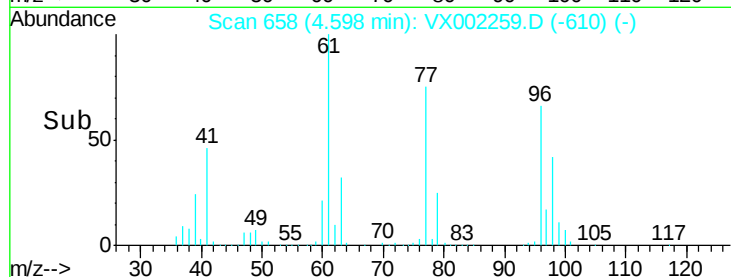
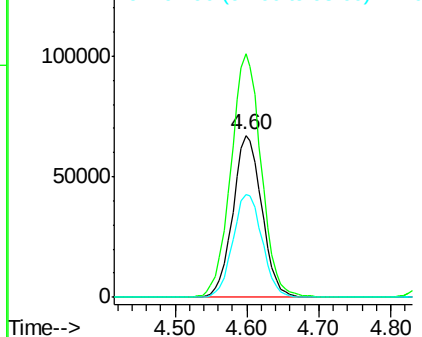
Tgt Ion:	96	Resp:	186674
Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	330.2
98	65.2	0.0	130.2

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.73 ug/l

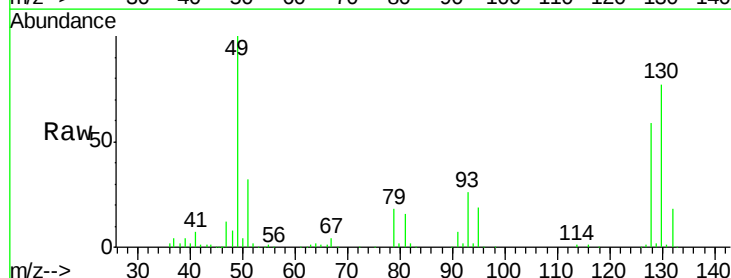
RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

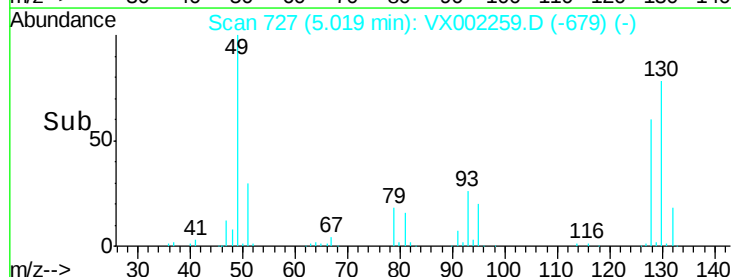
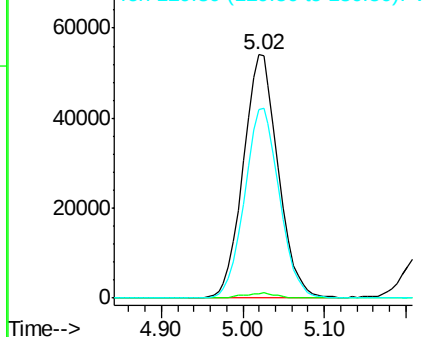
Lab File: VX002259.D

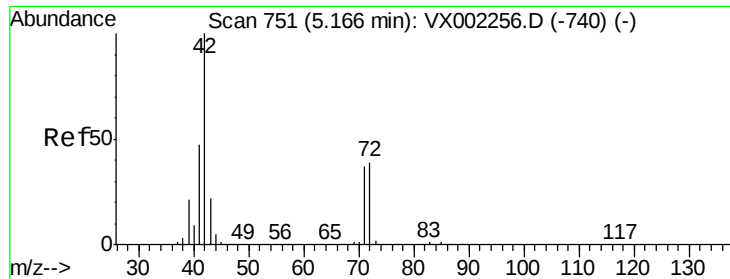
Acq: 04 Jun 2018 13:02

Tgt Ion:	49	Resp:	160842
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.8	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





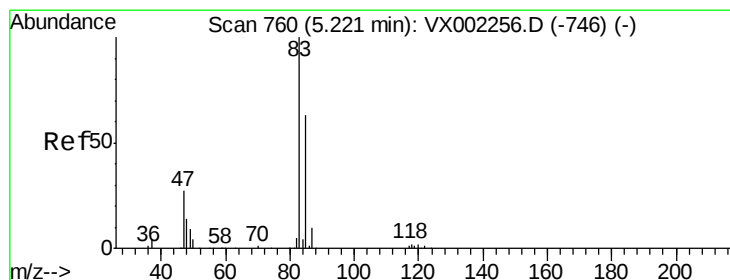
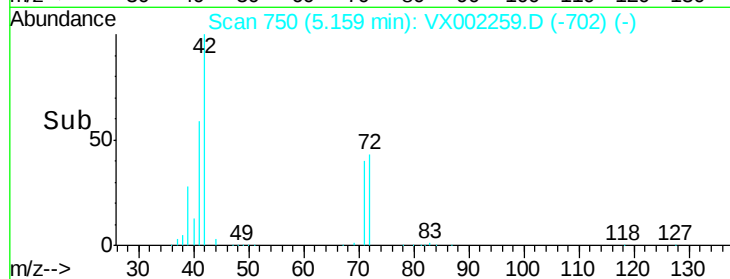
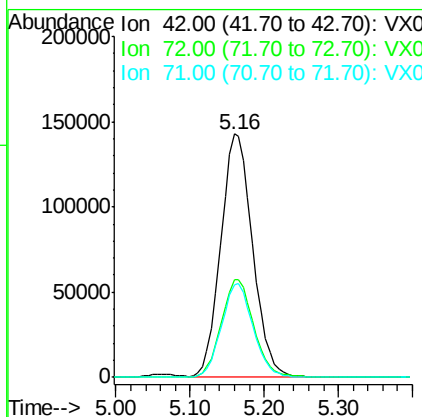
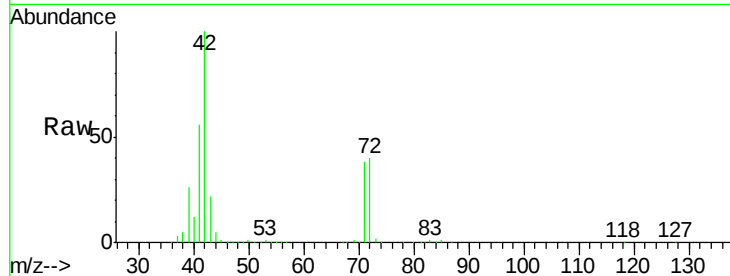
#29
Tetrahydrofuran
Concen: 201.94 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	425010		
72	41.1	32.0	48.0	
71	38.3	30.1	45.1	

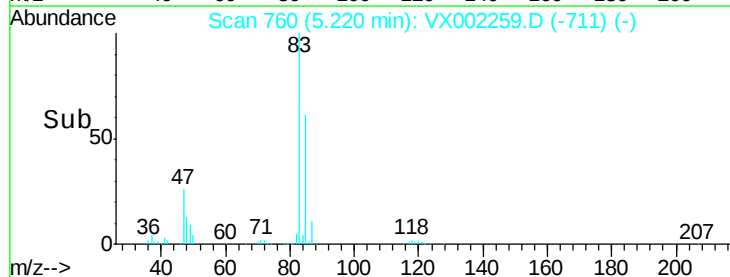
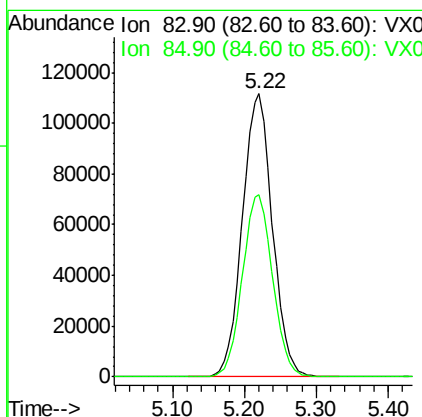
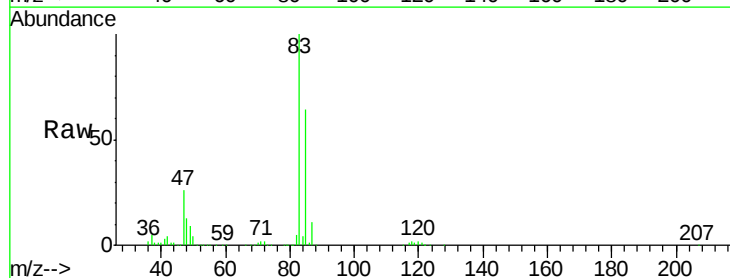
Manual Integrations
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6/5/2018 5:56:04 PM



#30
Chloroform
Concen: 44.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	323095		
85	64.4	50.4	75.6	





#31

Cyclohexane

Concen: 50.68 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

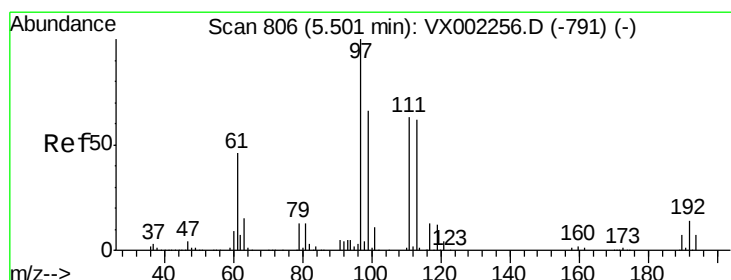
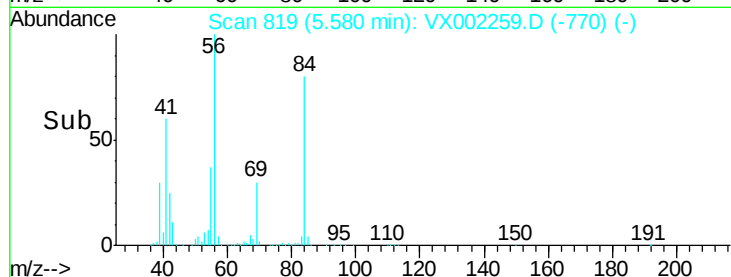
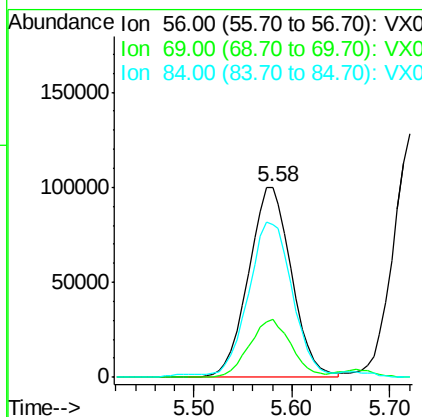
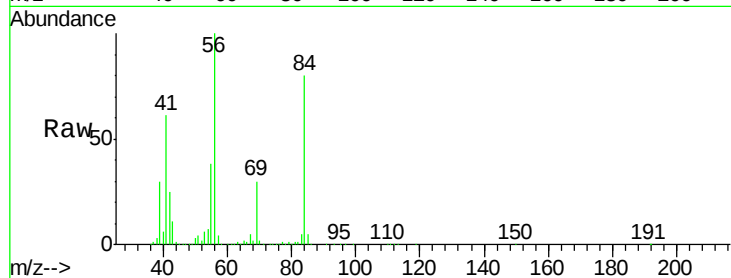
ClientSampleId :

ICVVX060418

Tgt Ion:	56	Resp:	304631
Ion Ratio	Lower	Upper	
56	100		
69	30.1	23.7	35.5
84	78.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.80 ug/l

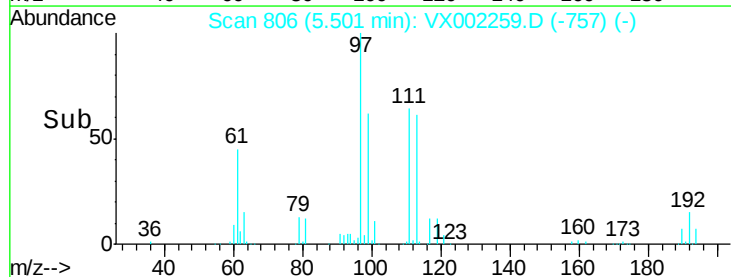
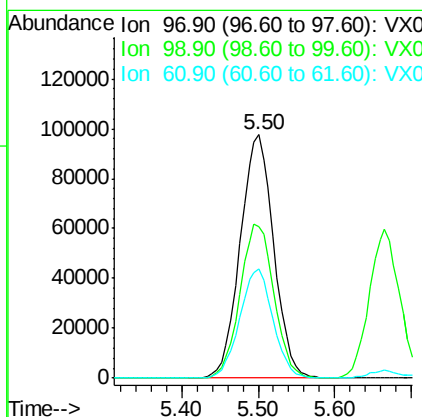
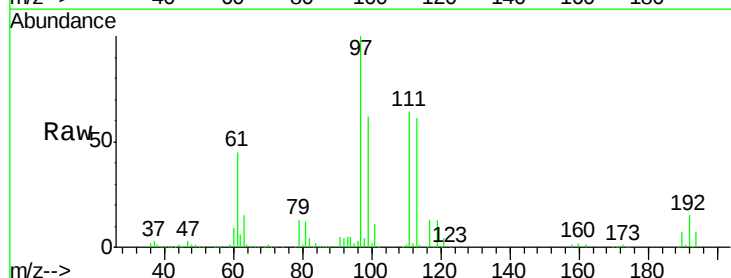
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion:	97	Resp:	297353
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.6	77.4
61	44.4	36.4	54.6





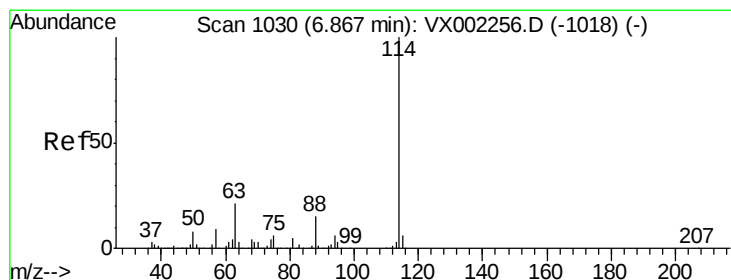
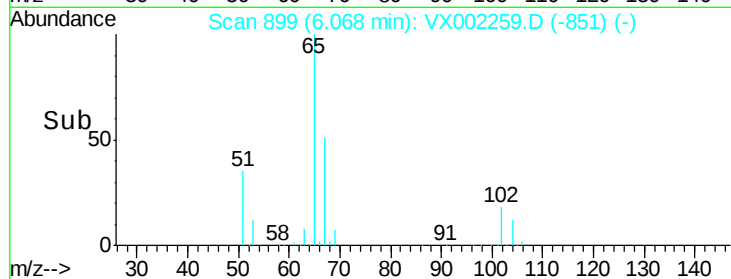
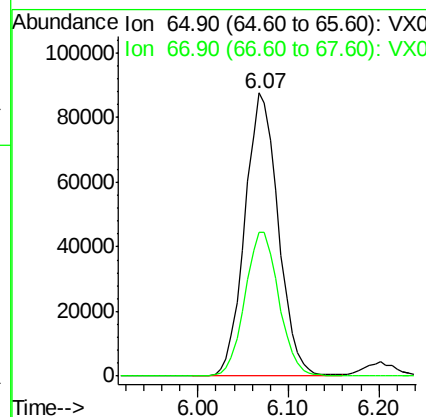
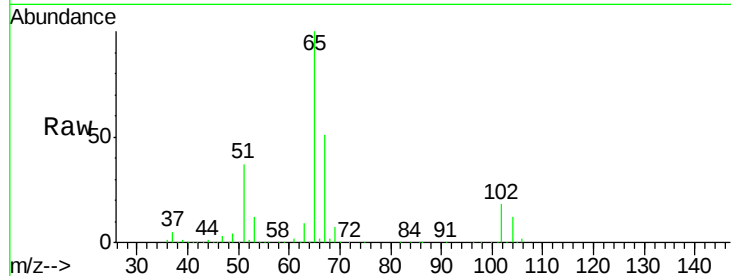
#33
 1,2-Dichloroethane-d4
 Concen: 46.77 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	223741		
67	51.8	0.0	102.6	

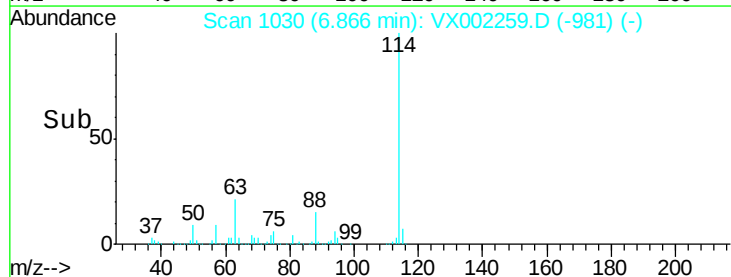
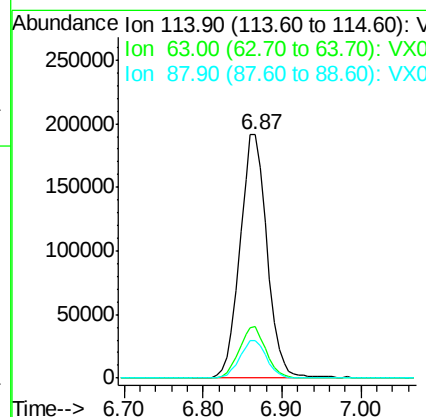
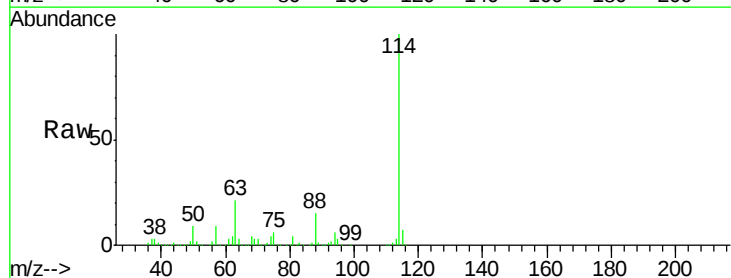
Manual Integrations
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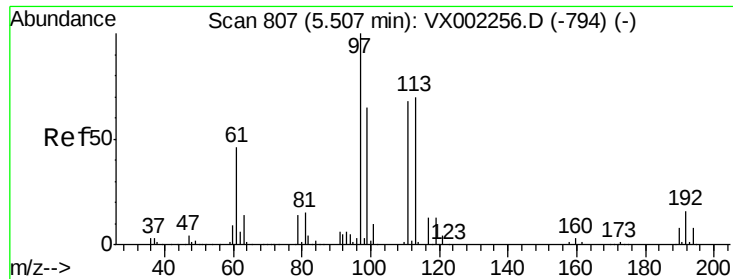
MMDadoda
 6/5/2018 5:56:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	456319		
63	21.3	0.0	41.4	
88	15.2	0.0	30.0	





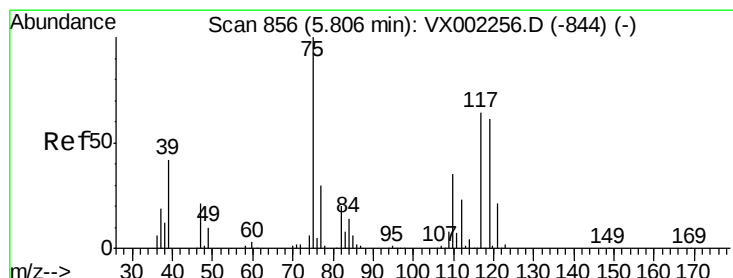
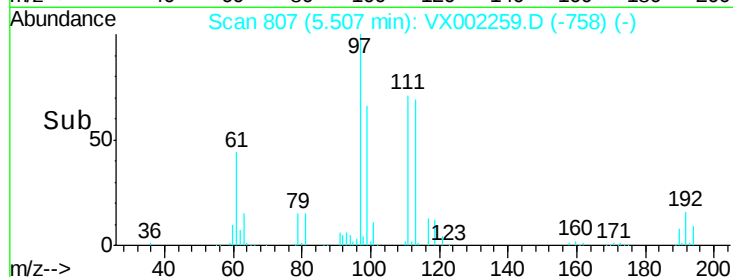
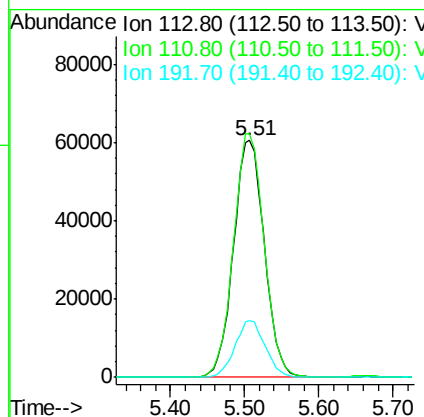
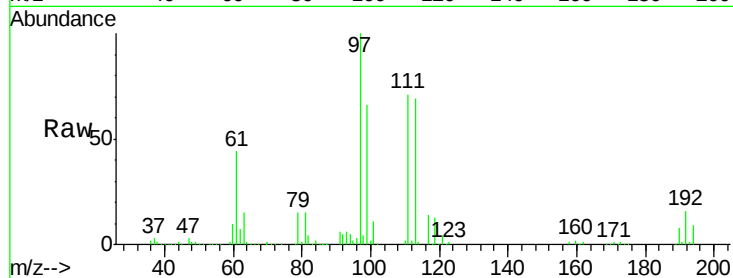
#35
Dibromofluoromethane
Concen: 49.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	175892		
111	102.1	81.4	122.0	
192	23.5	19.1	28.7	

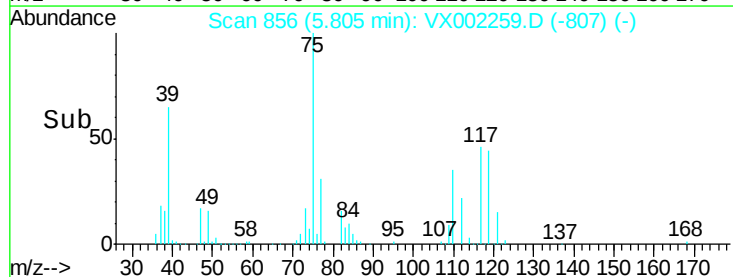
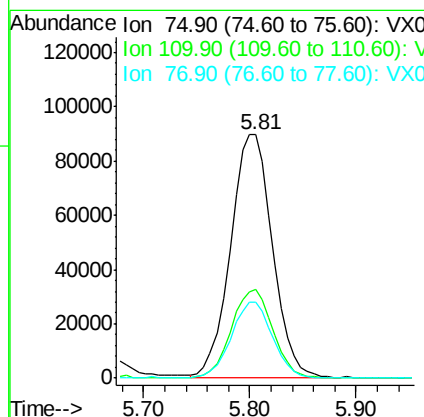
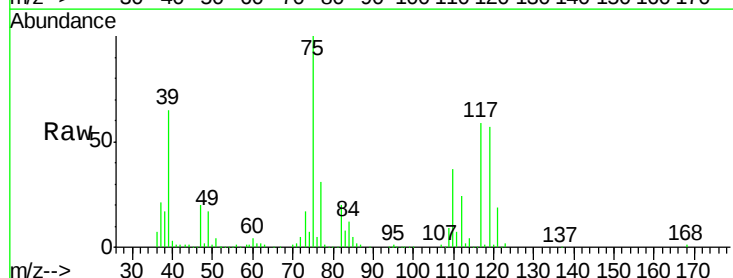
Manual Integrations
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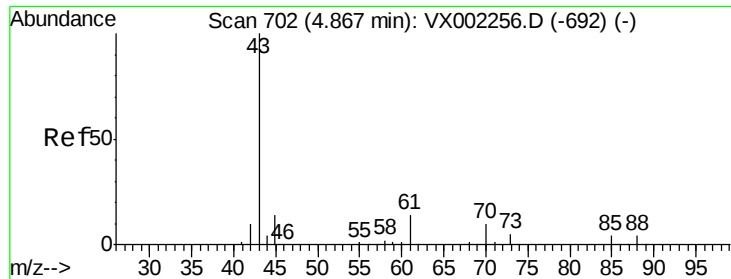
MMDadoda
6/5/2018 5:56:04 PM



#36
1,1-Dichloropropene
Concen: 51.09 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	245105		
110	36.6	18.1	54.4	
77	31.0	24.3	36.5	





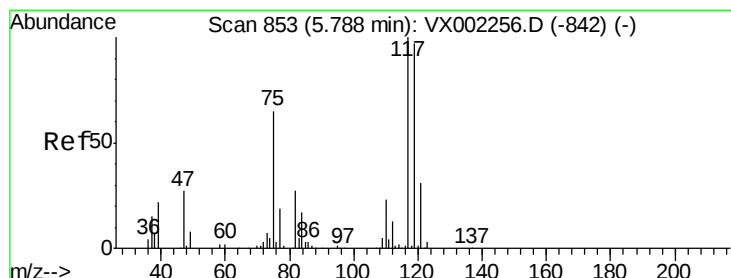
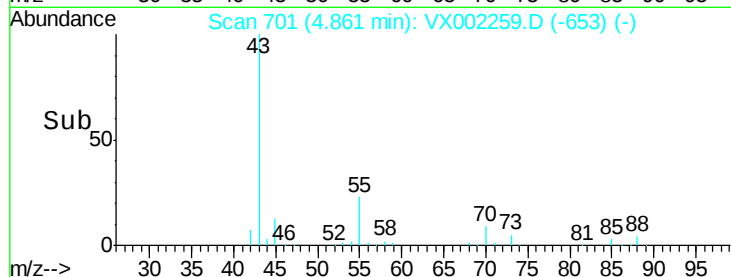
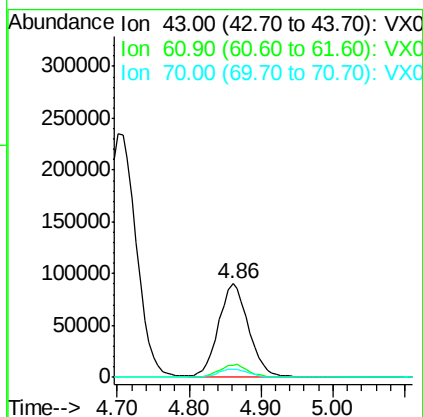
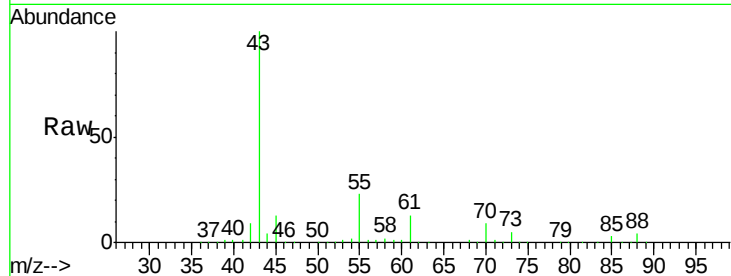
#37
Ethyl Acetate
Concen: 45.36 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion: 43 Resp: 261697
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.7 7.6 11.4

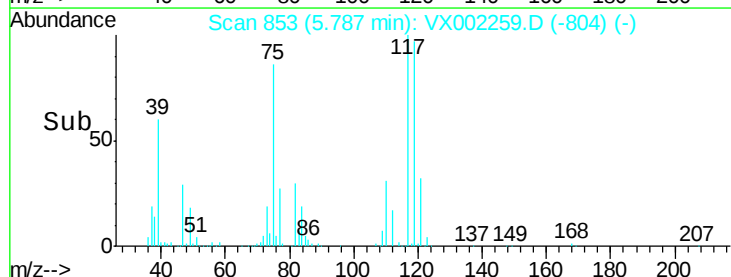
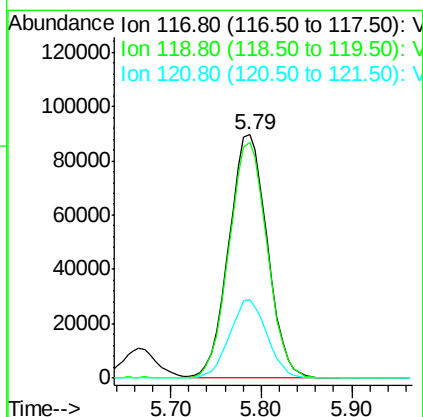
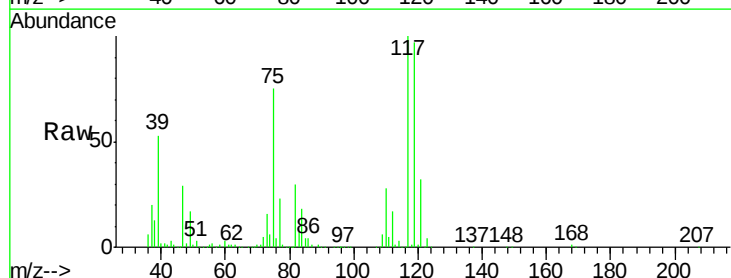
Manual Integrations
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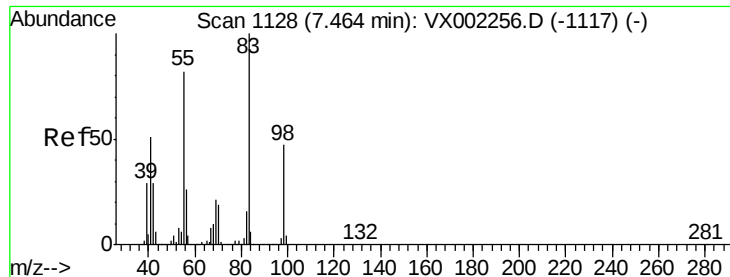
MMDadoda
6/5/2018 5:56:04 PM



#38
Carbon Tetrachloride
Concen: 52.20 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion: 117 Resp: 261956
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 32.1 24.4 36.6





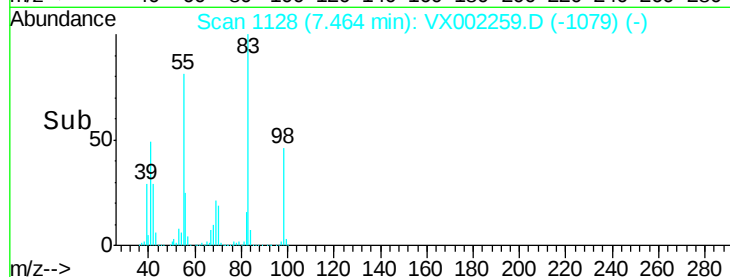
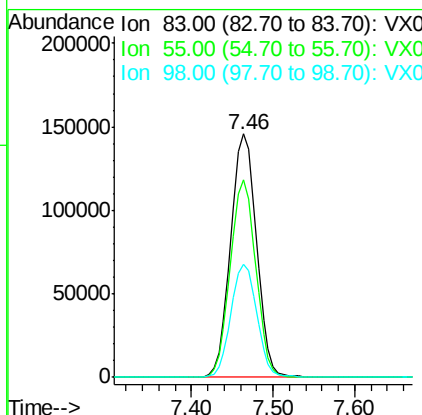
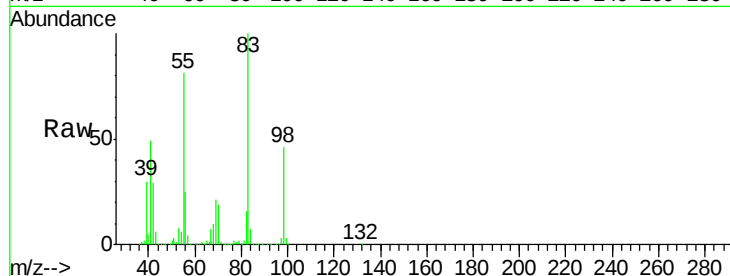
#39
Methylcyclohexane
Concen: 53.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	318687		
55	80.8	65.4	98.0	
98	46.4	37.4	56.0	

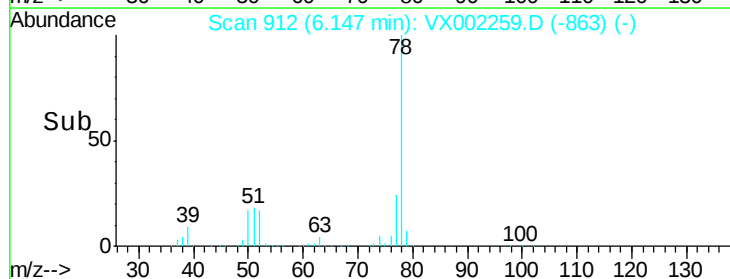
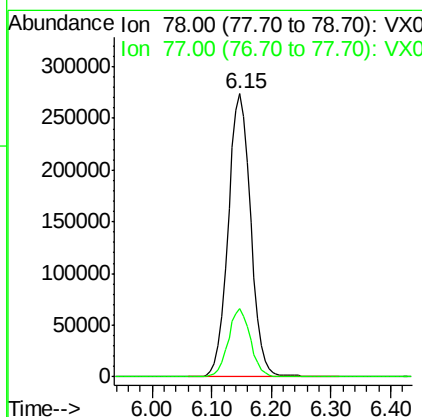
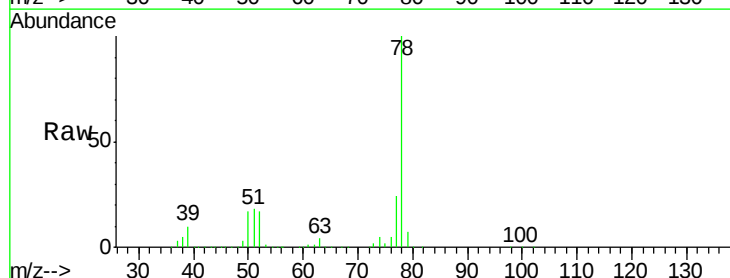
Manual Integrations
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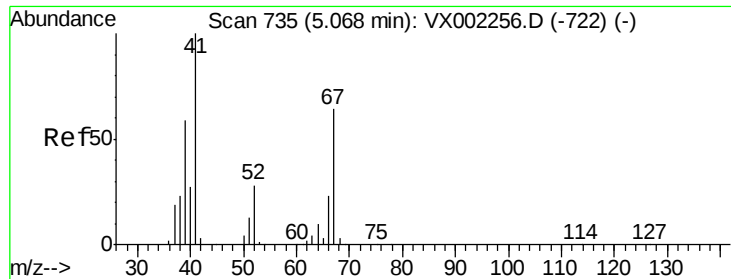
MMDadoda
6/5/2018 5:56:04 PM



#40
Benzene
Concen: 48.84 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	718384		
77	24.3	19.1	28.7	





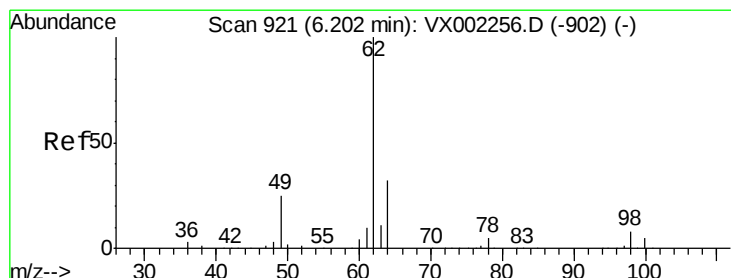
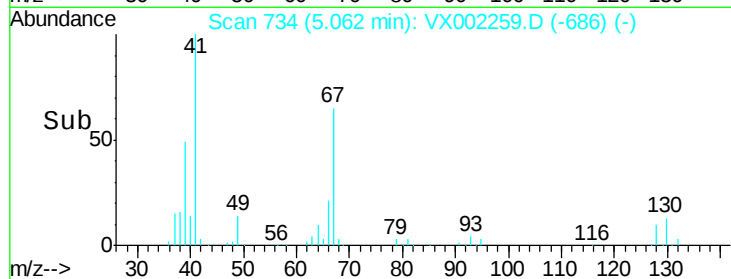
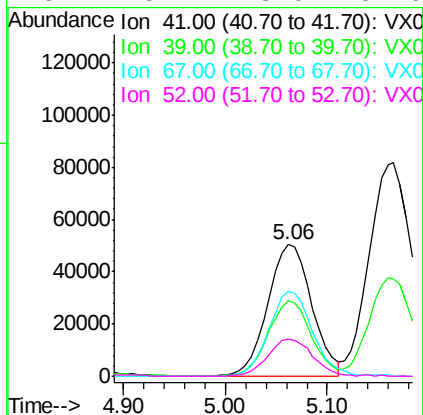
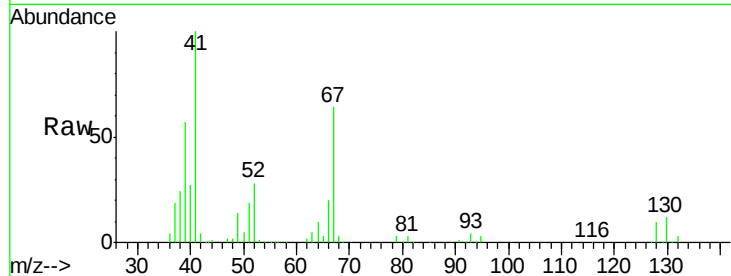
#41
Methacrylonitrile
Concen: 45.51 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.8	68.6	
67	64.9	51.3	76.9	
52	28.7	23.0	34.6	

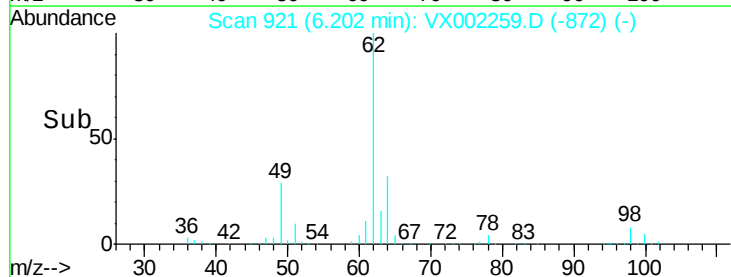
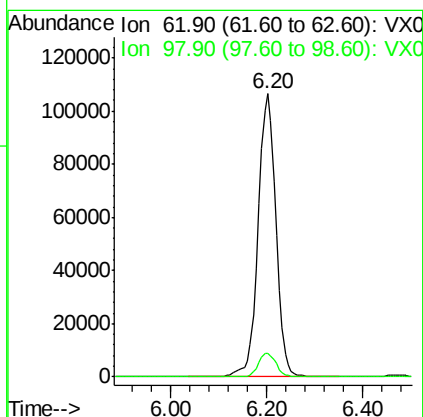
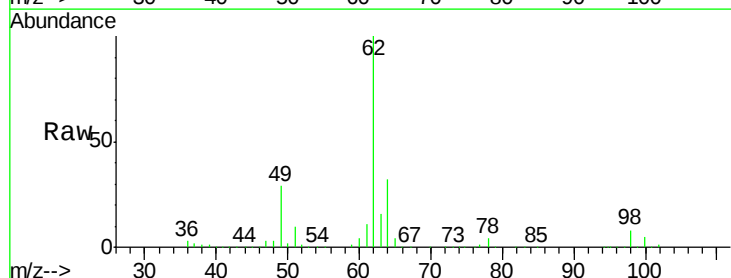
Manual Integrations
APPROVED

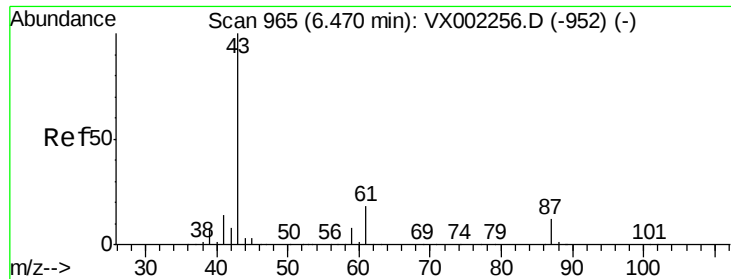
MMDadoda
6/5/2018 5:56:04 PM



#42
1,2-Dichloroethane
Concen: 46.93 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





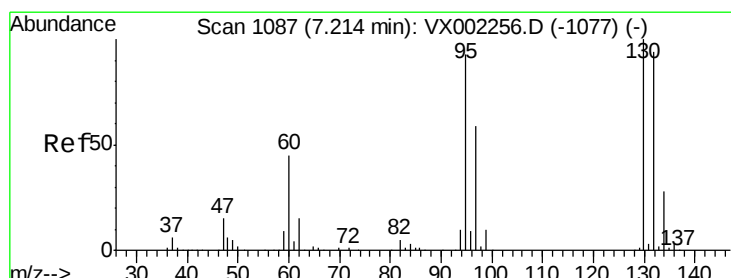
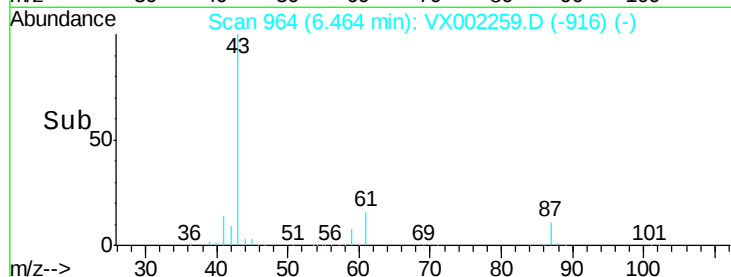
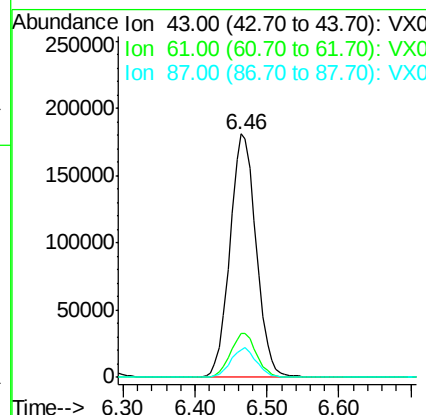
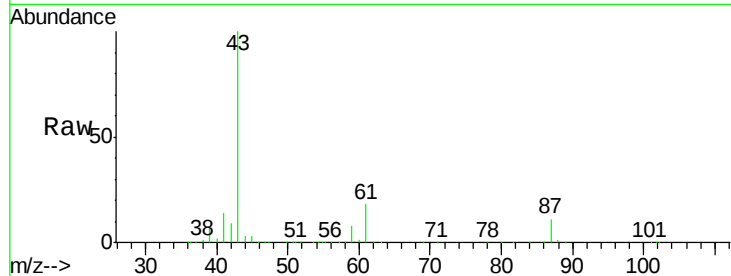
#43
Isopropyl Acetate
Concen: 46.59 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	11.8	9.5	14.3

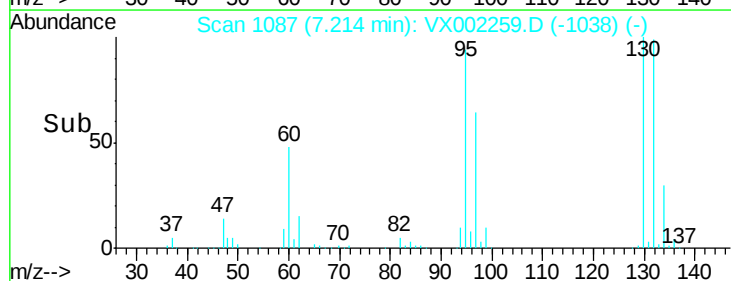
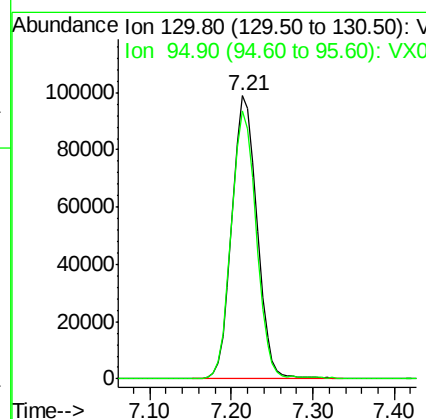
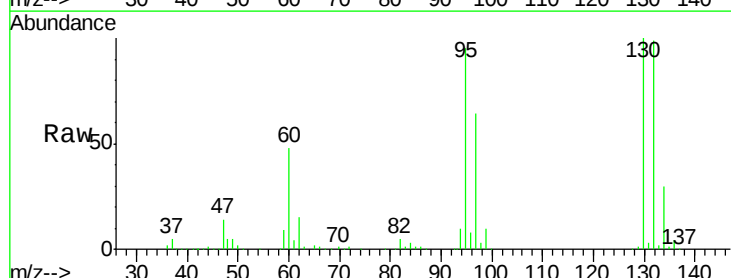
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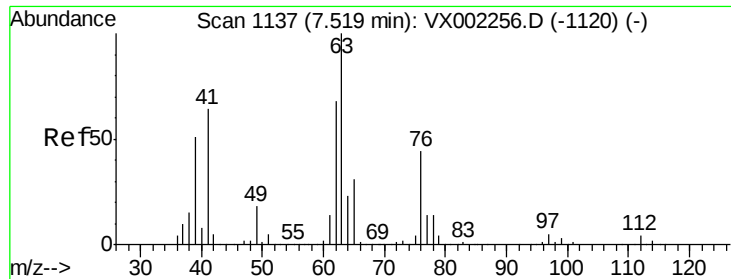
MMDadoda
6/5/2018 5:56:04 PM



#44
Trichloroethene
Concen: 51.51 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	185.4





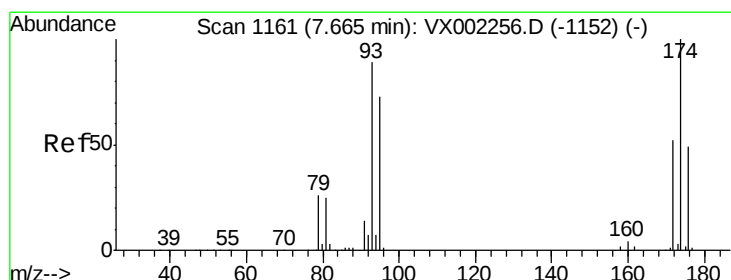
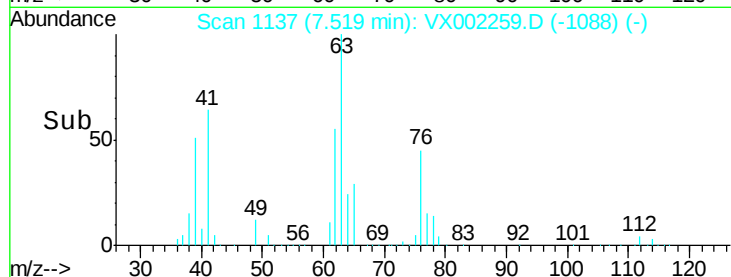
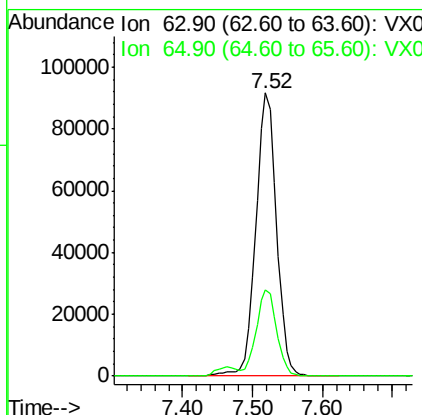
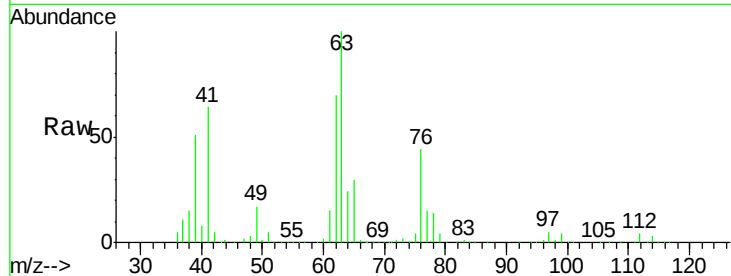
#45
 1,2-Dichloropropane
 Concen: 47.50 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion: 63 Resp: 188639
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

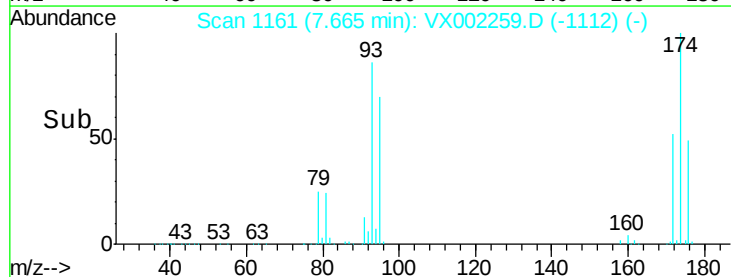
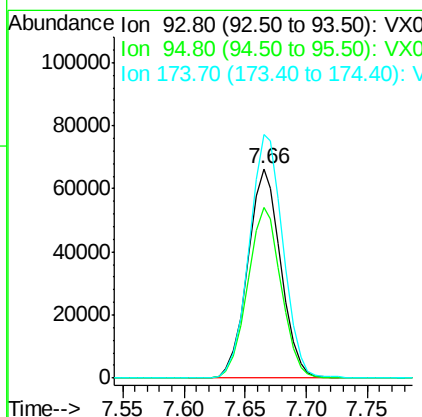
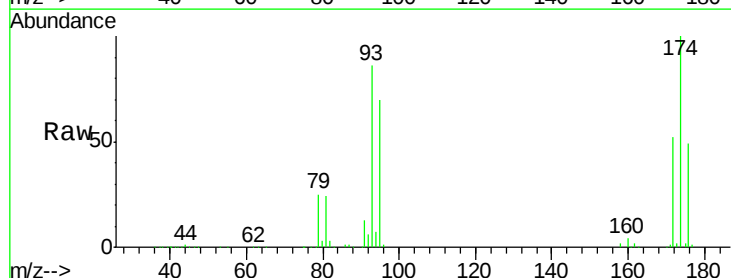
Manual Integrations
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#46
 Dibromomethane
 Concen: 46.30 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion: 93 Resp: 124638
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 119.4 92.4 138.6





#47

Bromodichloromethane

Concen: 49.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

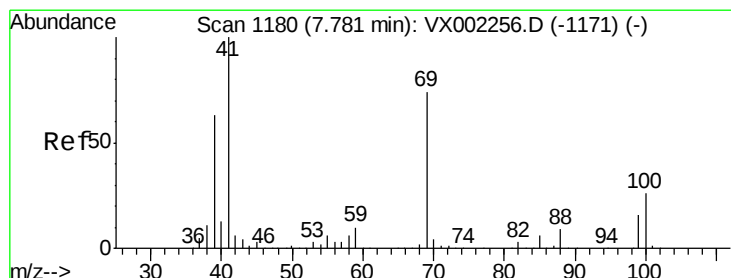
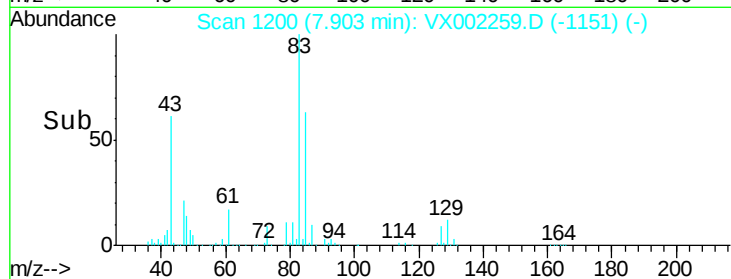
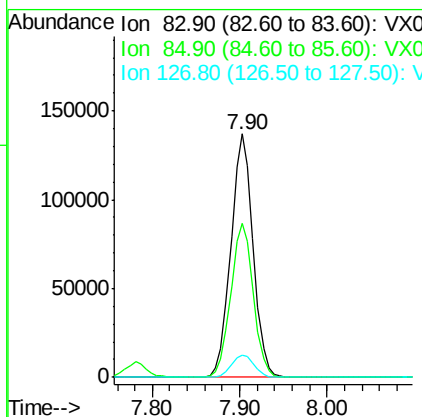
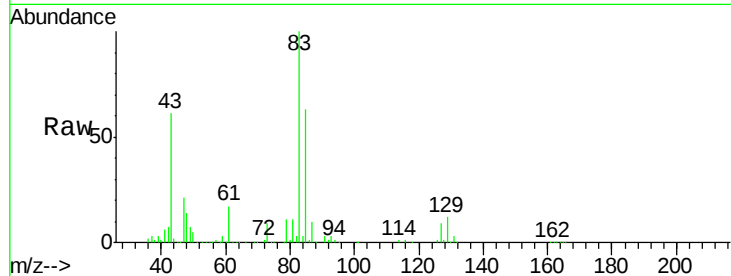
ClientSampleId :

ICVVX060418

Tgt Ion:	83	Resp:	241774
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.13 ug/l

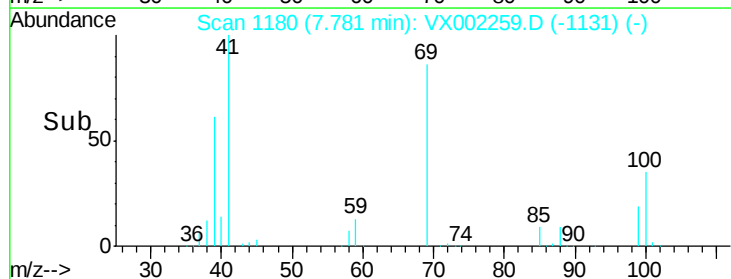
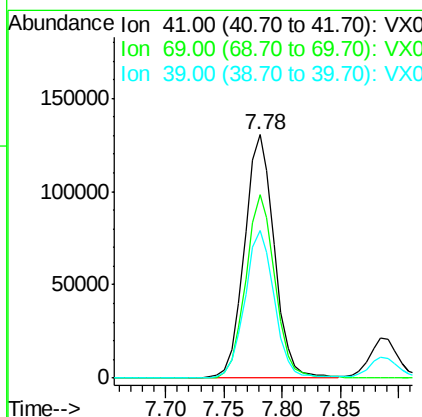
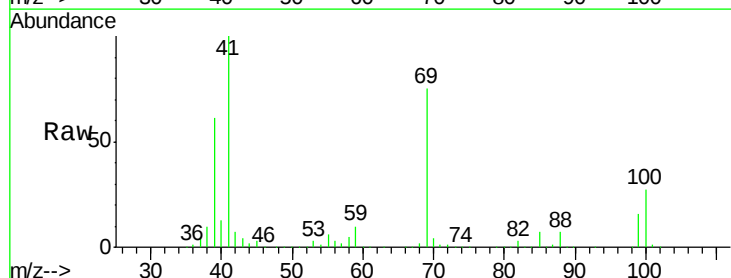
RT: 7.78 min Scan# 1180

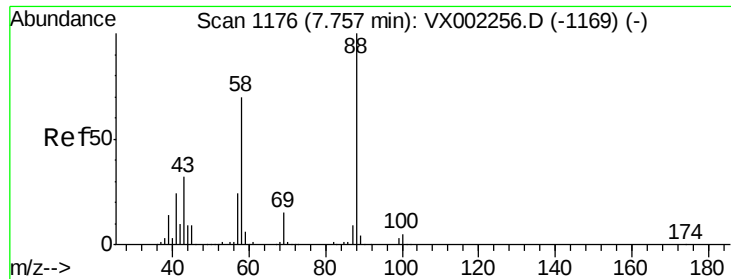
Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion:	41	Resp:	231957
Ion	Ratio	Lower	Upper
41	100		
69	74.9	59.1	88.7
39	60.1	48.9	73.3





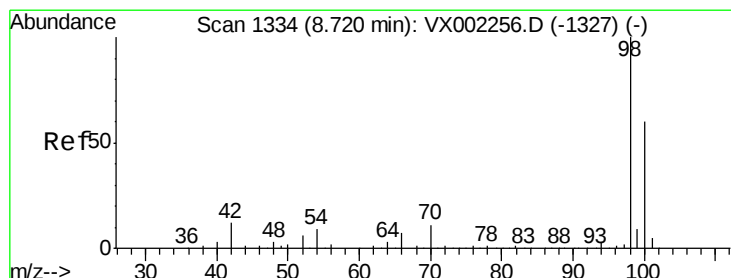
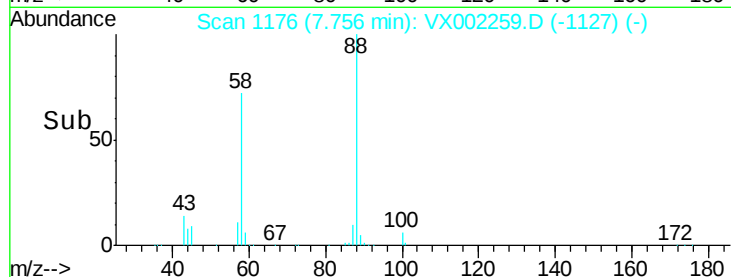
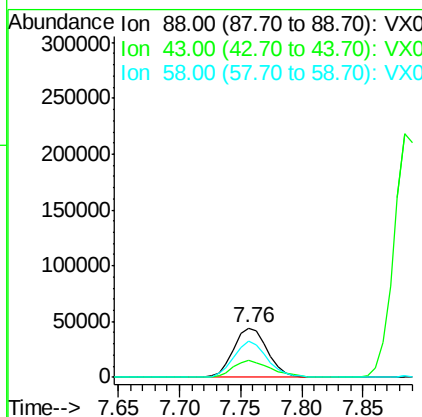
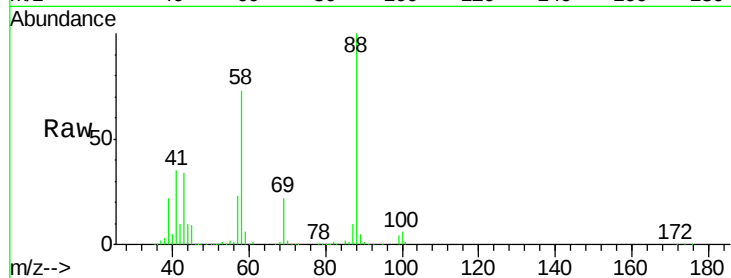
#49
1,4-Dioxane
Concen: 927.24 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.6
58	71.8	57.1	85.7

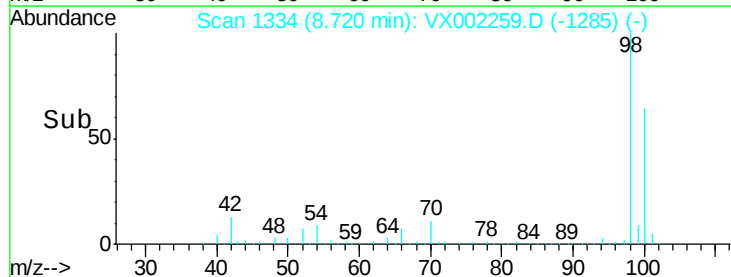
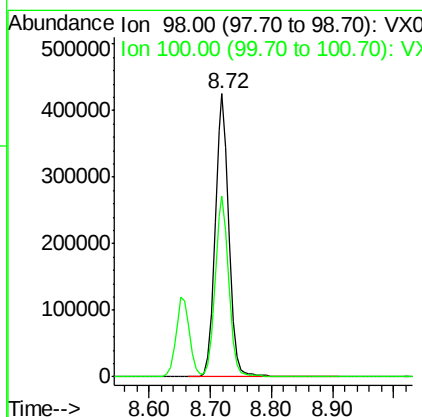
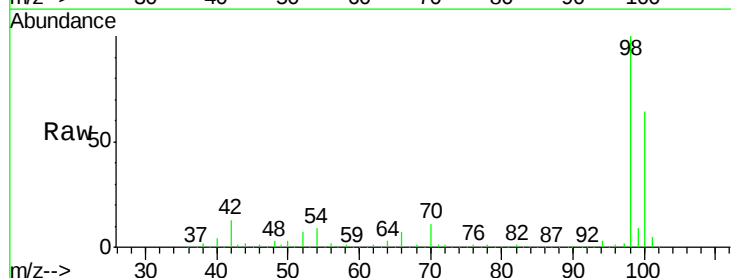
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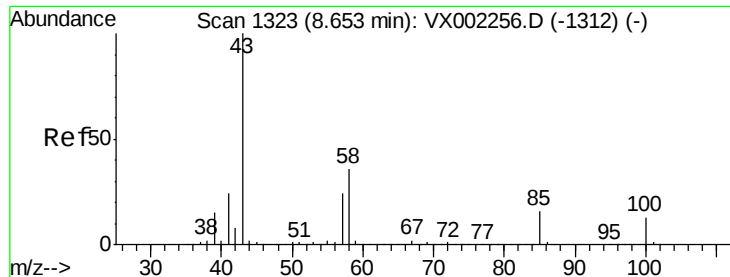
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#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 230.48 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 43 Resp: 1406466

Ion Ratio Lower Upper

43 100

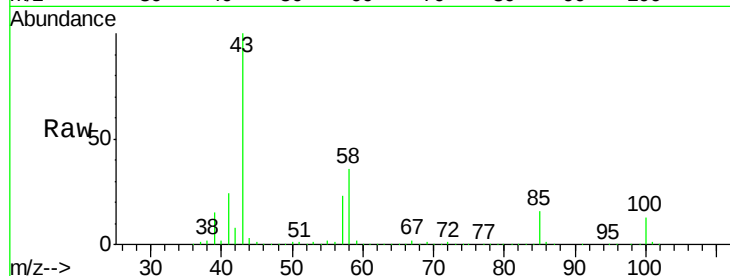
58 35.8 28.6 42.8

Manual Integrations

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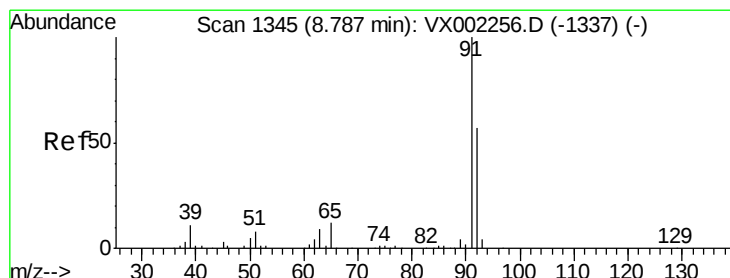
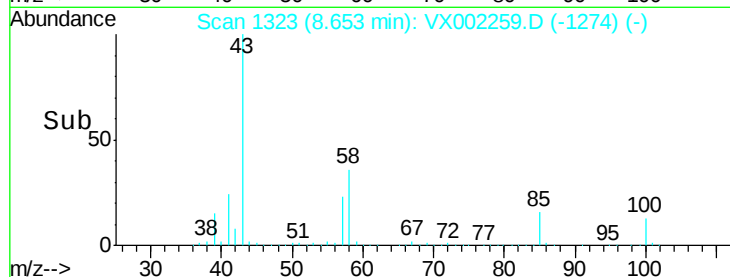
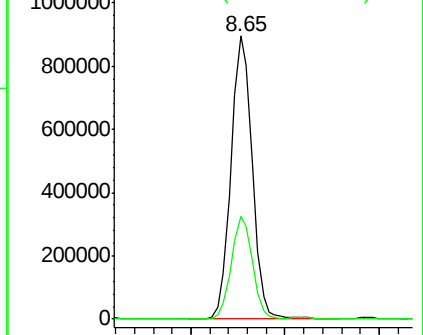
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002259.D

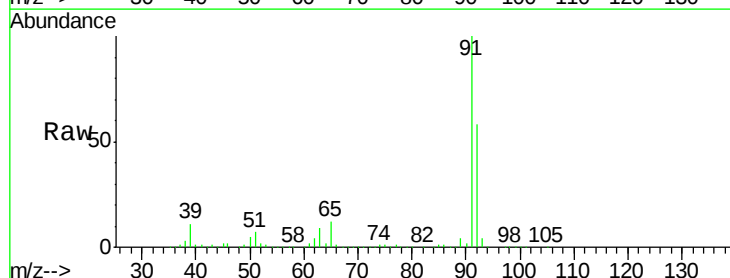
Acq: 04 Jun 2018 13:02

Tgt Ion: 92 Resp: 470734

Ion Ratio Lower Upper

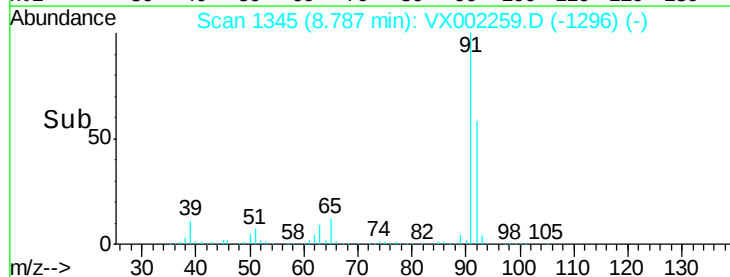
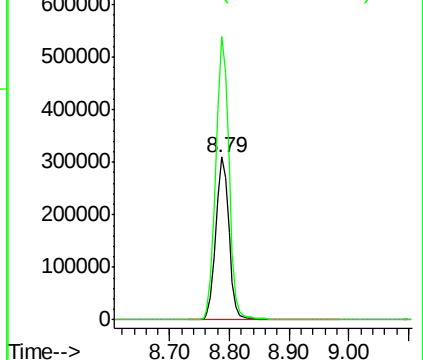
92 100

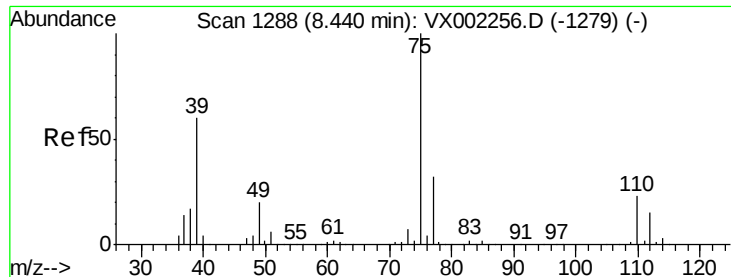
91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





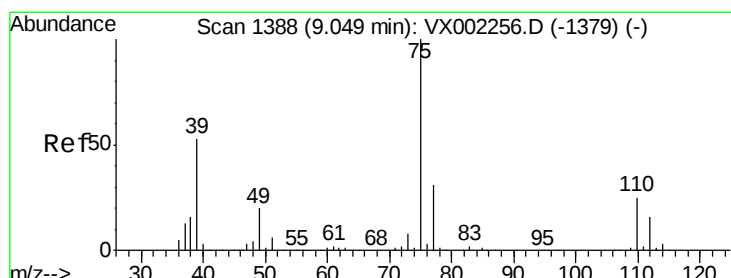
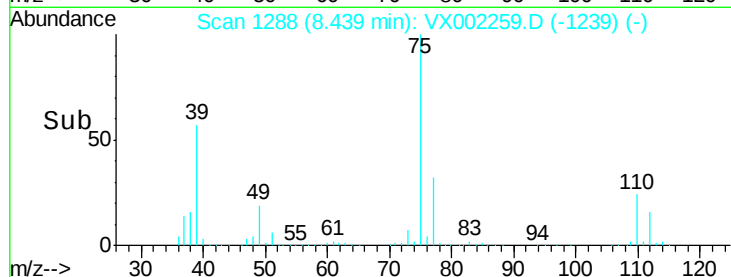
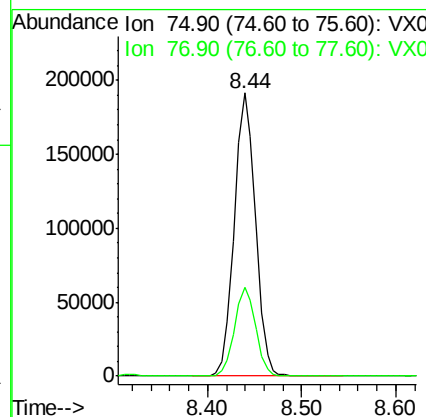
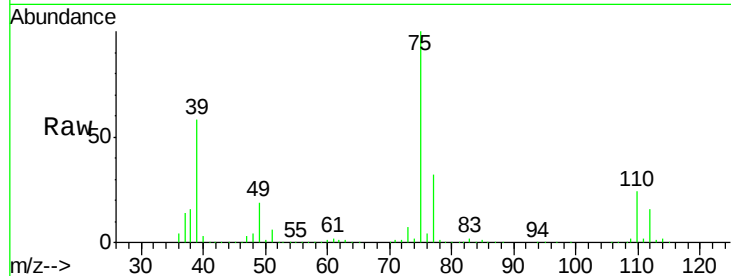
#53
t-1,3-Dichloropropene
Concen: 51.06 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion: 75 Resp: 298084
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

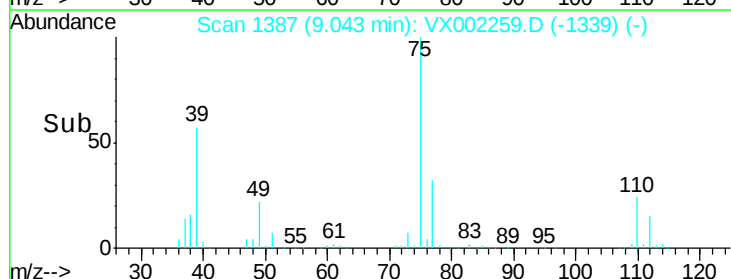
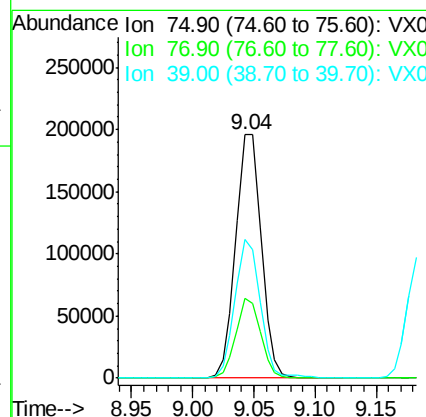
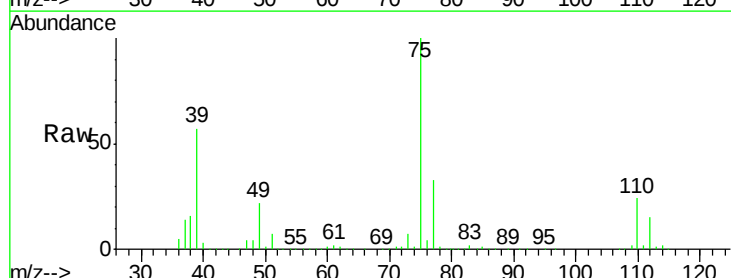
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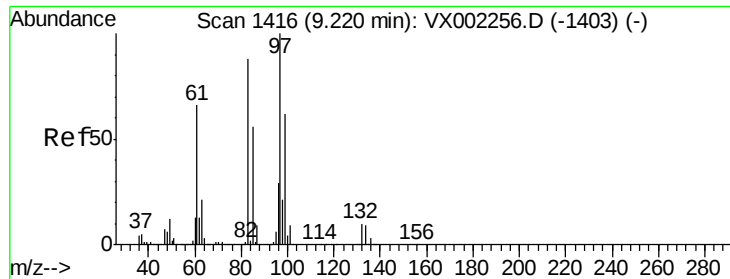
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#54
cis-1,3-Dichloropropene
Concen: 51.68 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion: 75 Resp: 284696
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 56.7 42.4 63.6





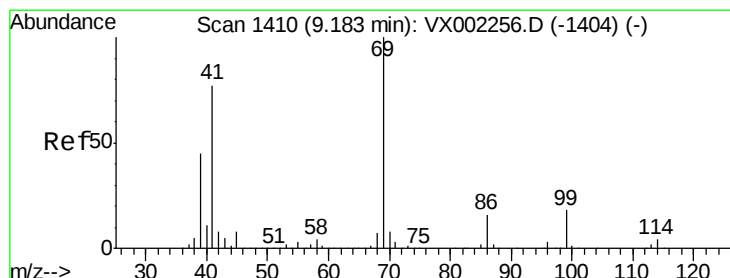
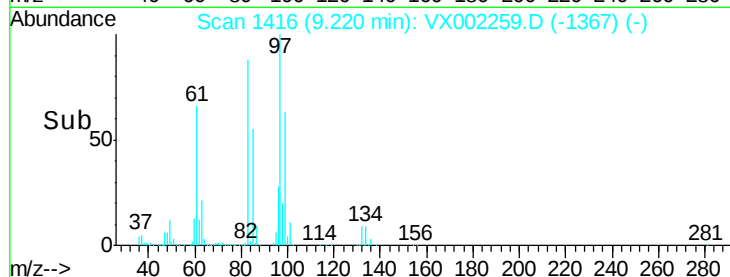
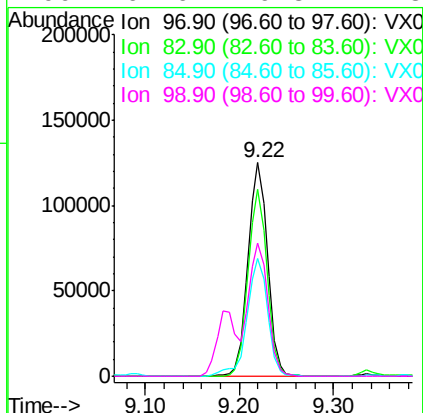
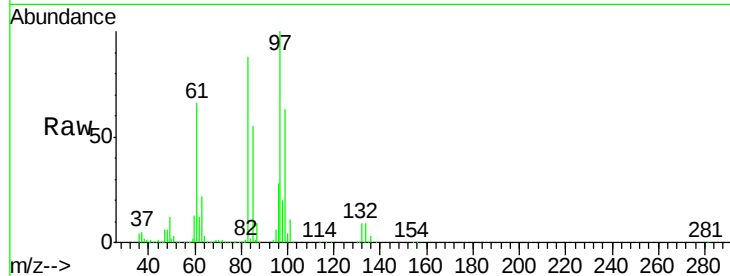
#55
 1,1,2-Trichloroethane
 Concen: 47.77 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	183807		
83	87.7	70.2	105.2	
85	54.9	44.9	67.3	
99	62.6	49.8	74.8	

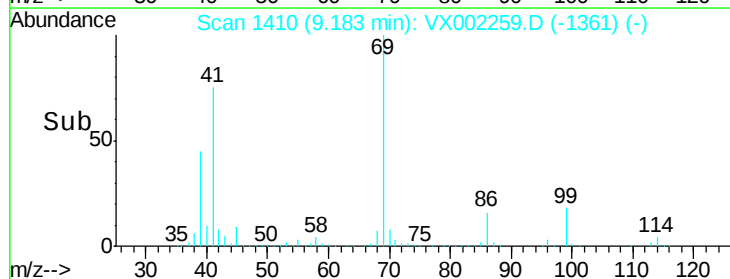
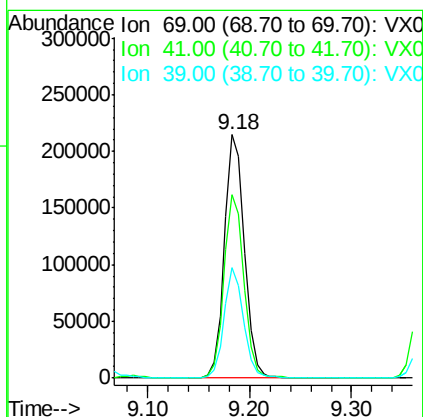
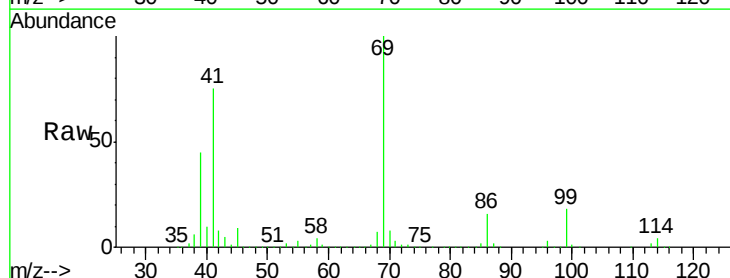
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#56
 Ethyl methacrylate
 Concen: 47.47 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	291637		
41	75.1	60.3	90.5	
39	44.1	35.8	53.8	





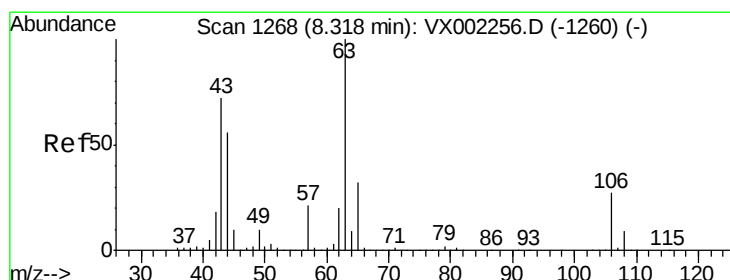
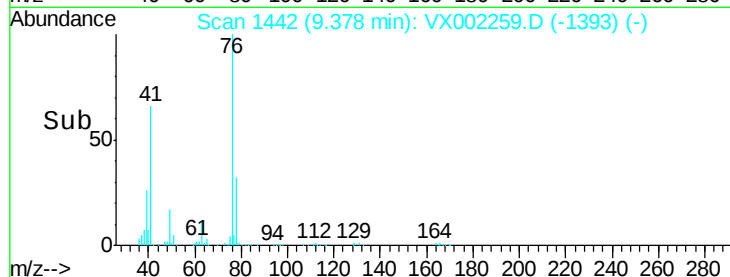
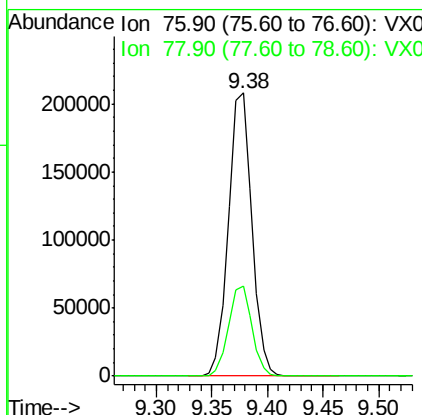
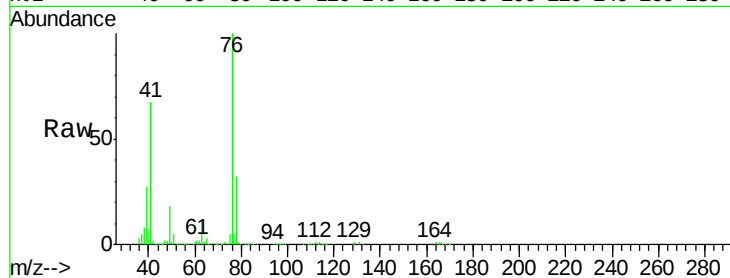
#57
 1,3-Dichloropropane
 Concen: 47.18 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion: 76 Resp: 304529
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

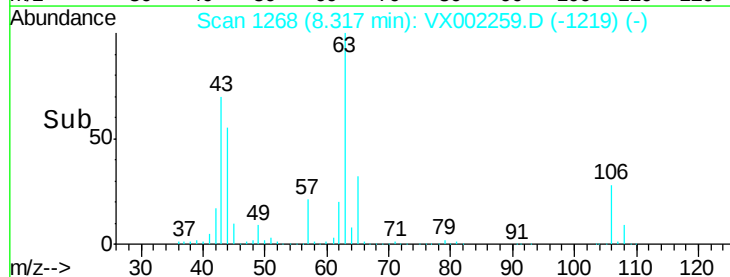
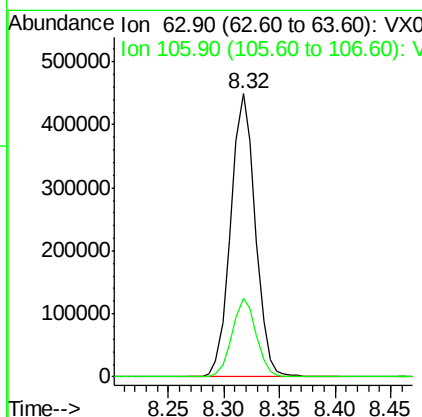
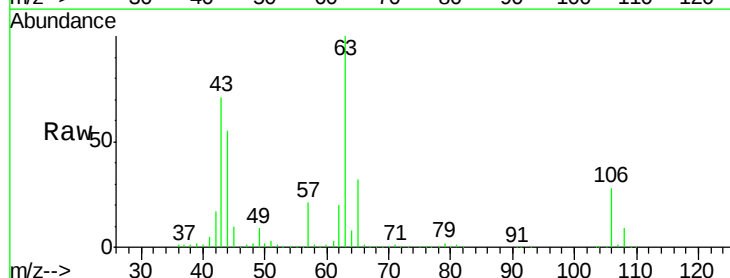
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion: 63 Resp: 688707
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.8





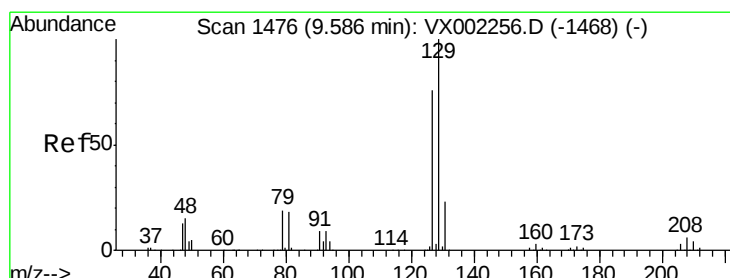
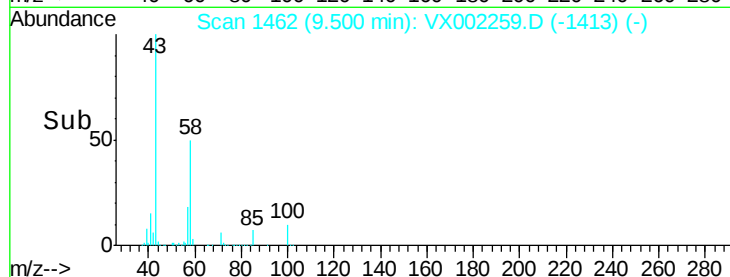
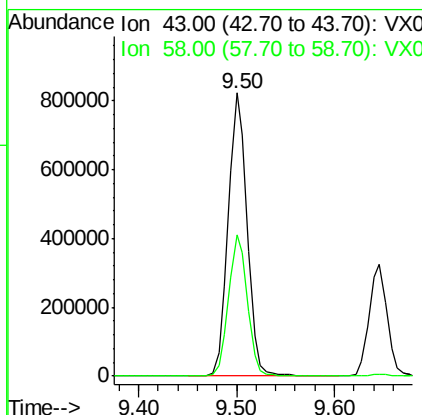
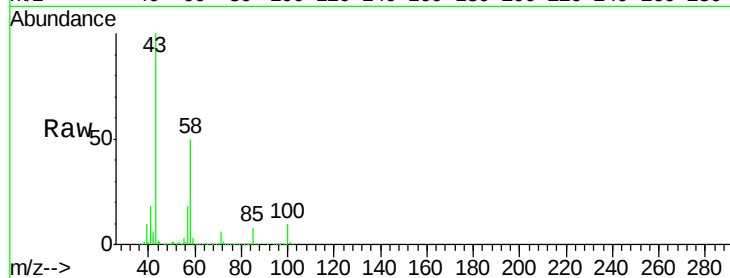
#59
2-Hexanone
Concen: 234.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion: 43 Resp: 1105212
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6

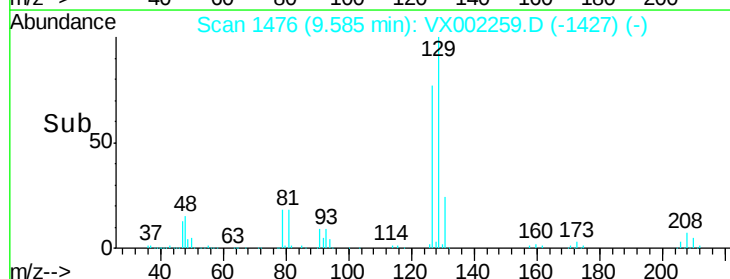
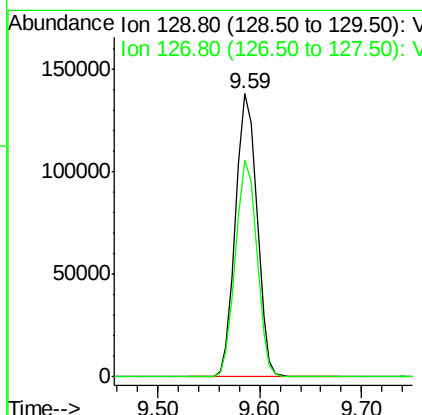
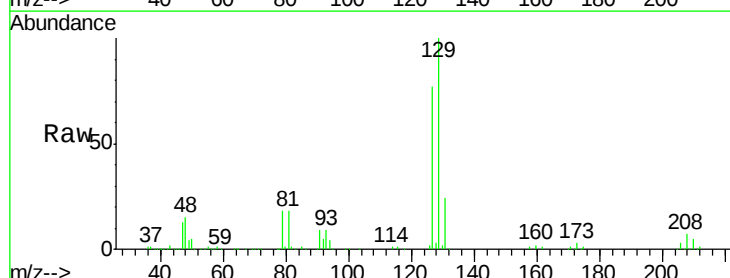
Manual Integrations
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6/5/2018 5:56:04 PM



#60
Dibromochloromethane
Concen: 52.02 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion: 129 Resp: 201340
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.48 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 107 Resp: 194514

Ion Ratio Lower Upper

107 100

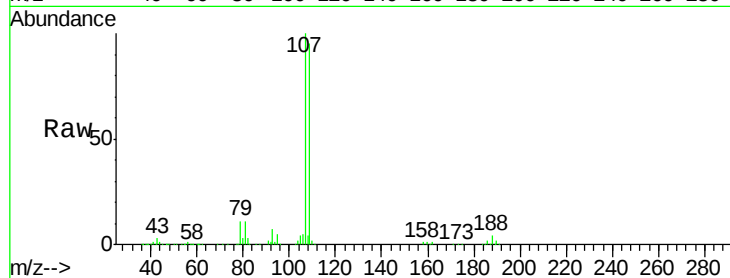
109 94.2 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

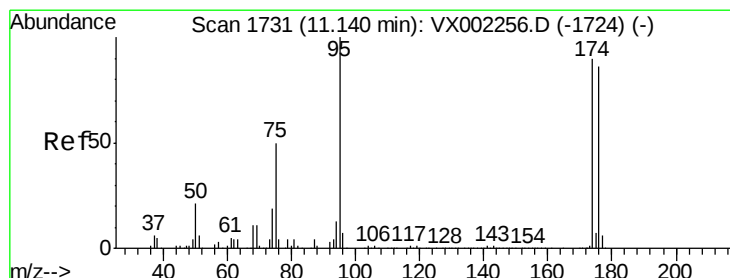
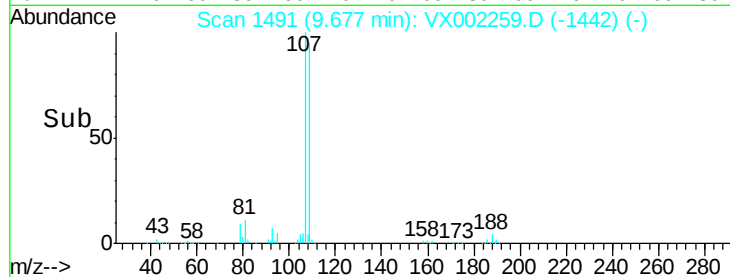
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

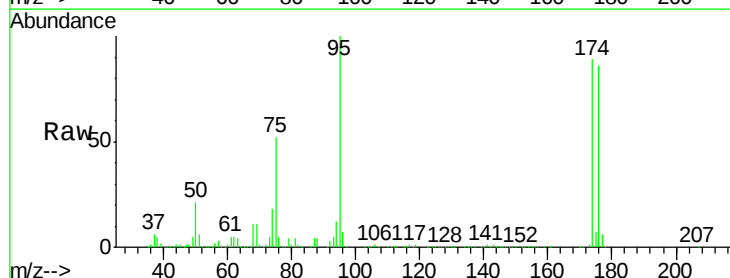
Tgt Ion: 95 Resp: 265282

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

176 91.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

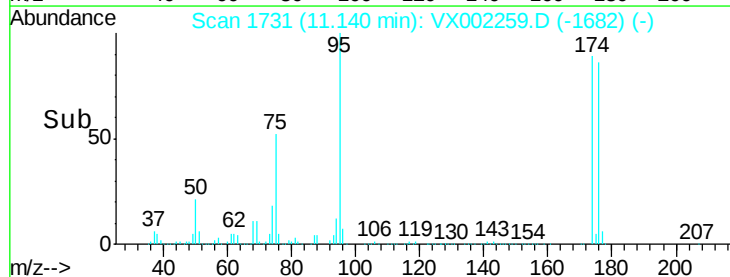
150000

100000

50000

0

Time-->





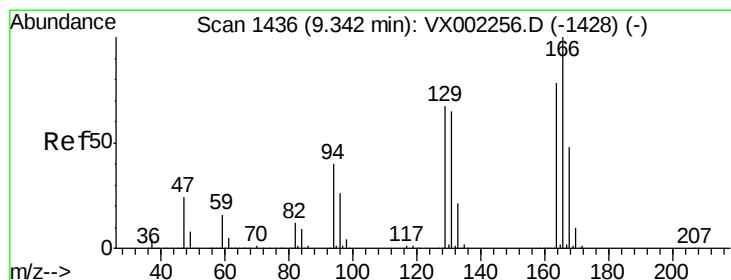
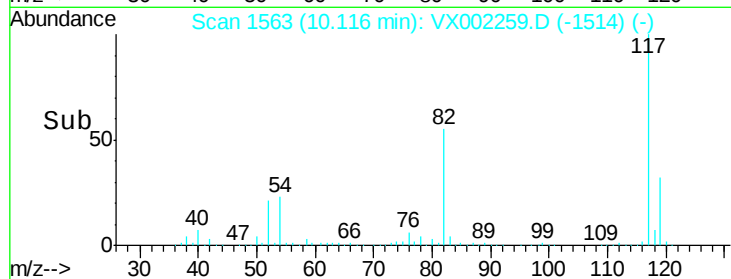
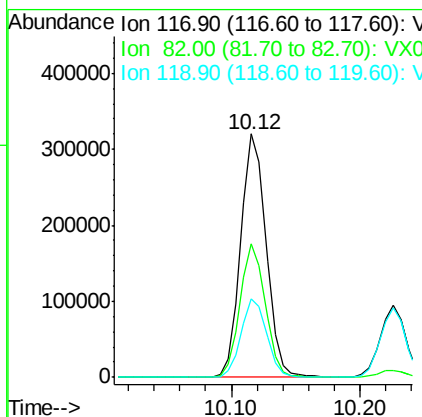
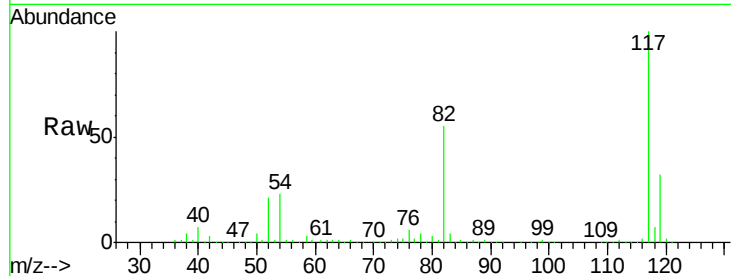
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	438962		
82	54.9	45.0	67.4	
119	32.3	25.8	38.6	

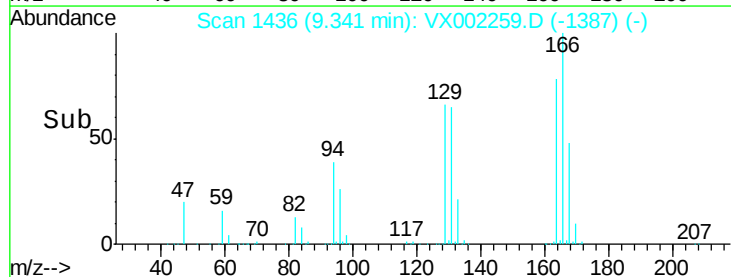
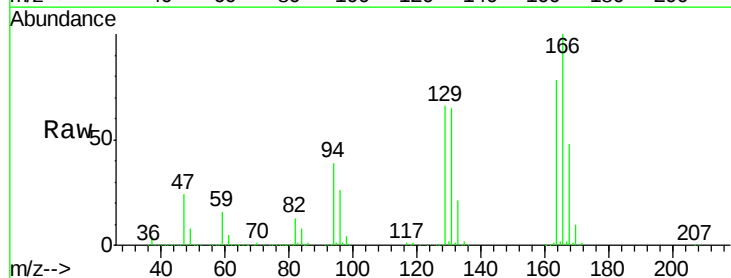
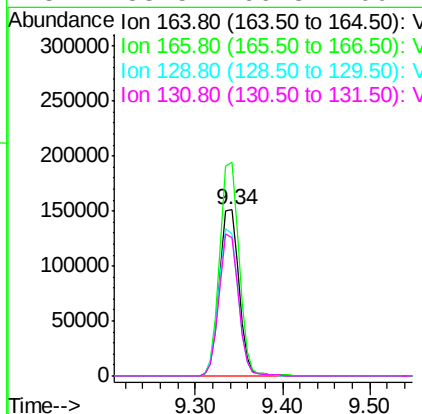
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#64
Tetrachloroethene
Concen: 51.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233484		
166	128.8	102.9	154.3	
129	85.4	68.6	102.8	
131	83.5	66.8	100.2	





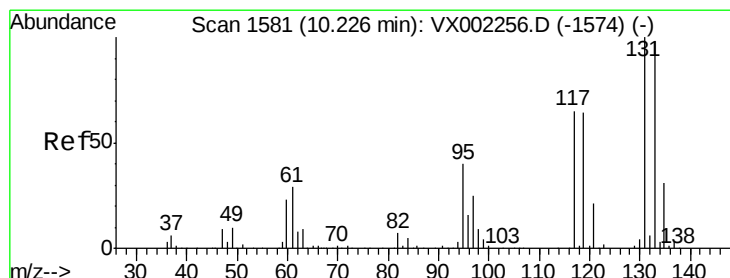
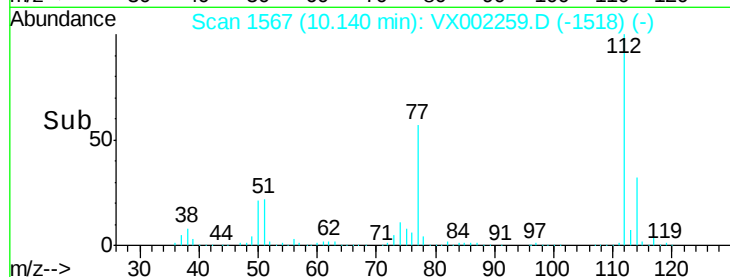
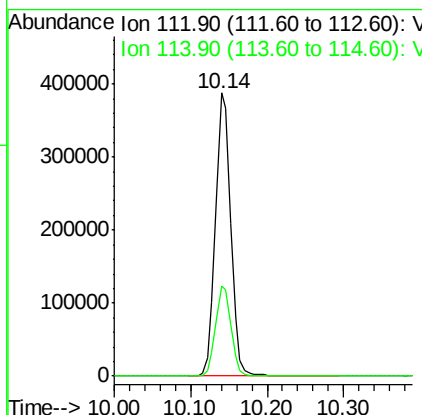
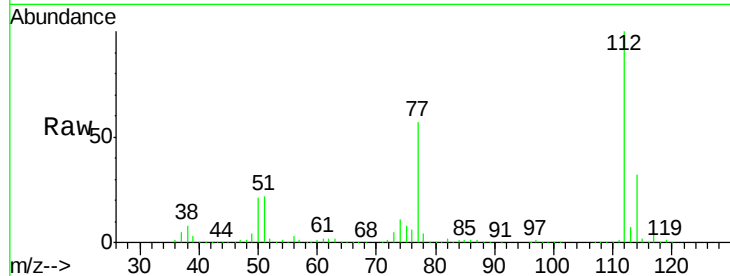
#65
Chlorobenzene
Concen: 49.26 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion:112 Resp: 538062
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

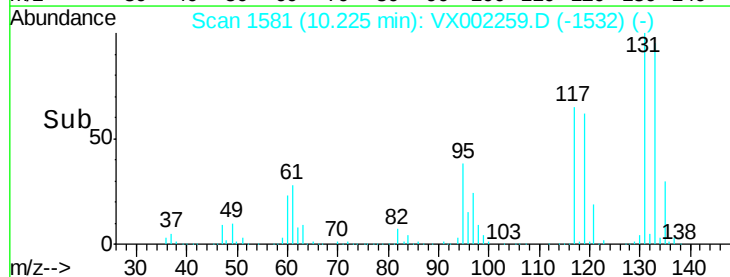
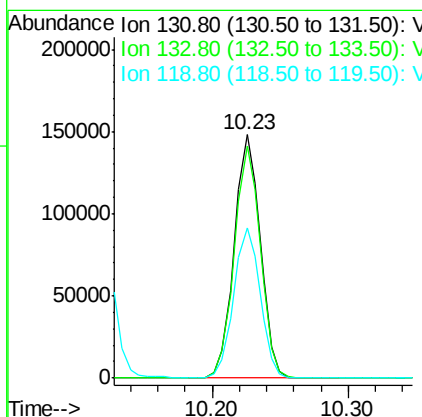
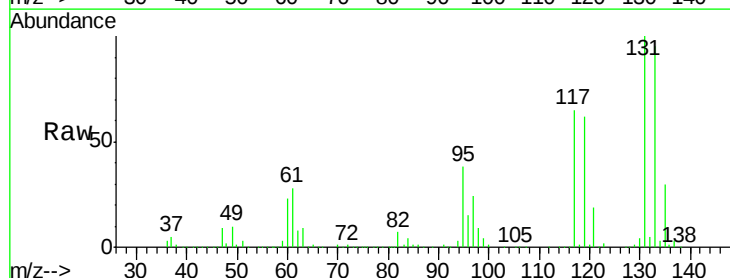
Manual Integrations
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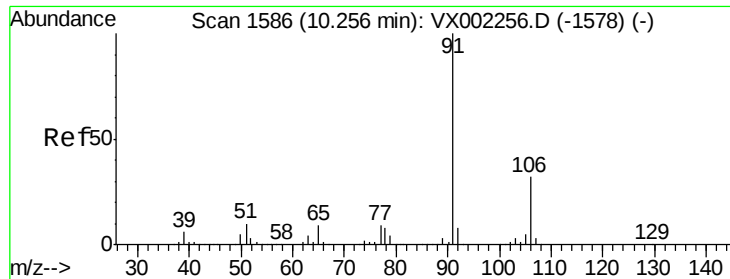
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion:131 Resp: 197223
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 63.0 31.8 95.3





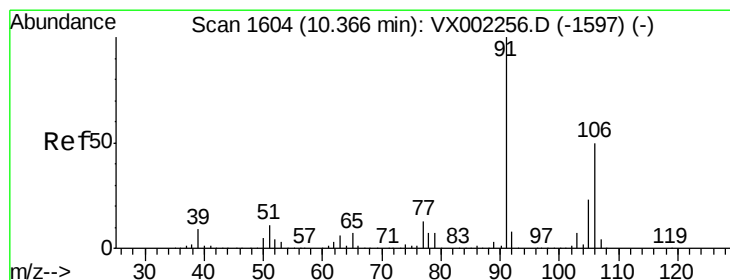
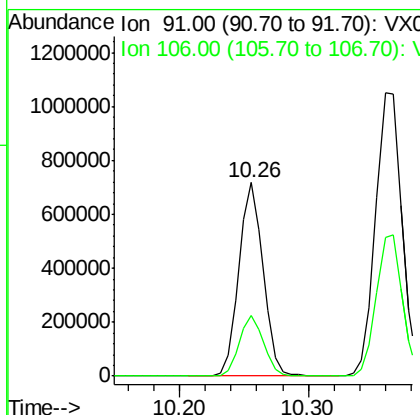
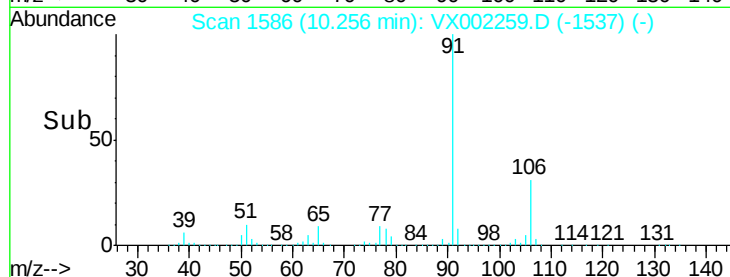
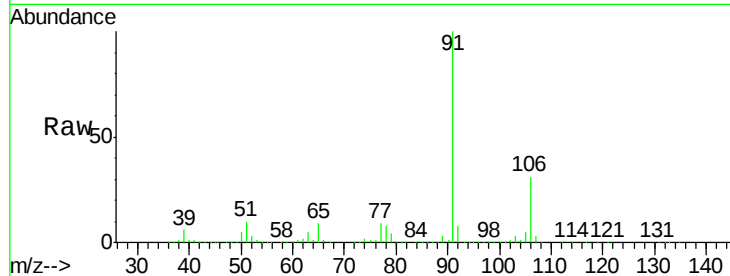
#67
Ethyl Benzene
Concen: 51.31 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion: 91 Resp: 937834
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

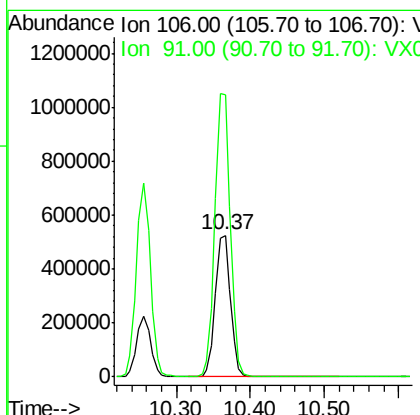
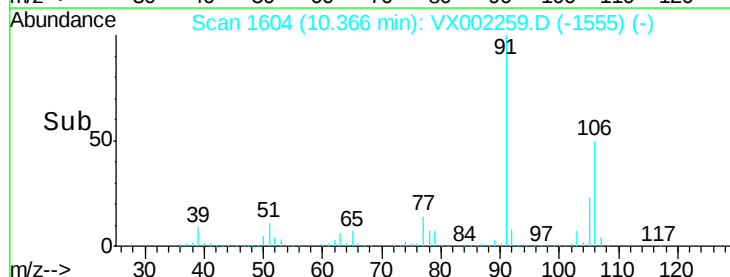
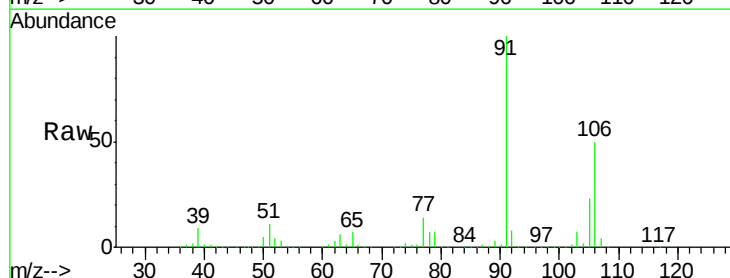
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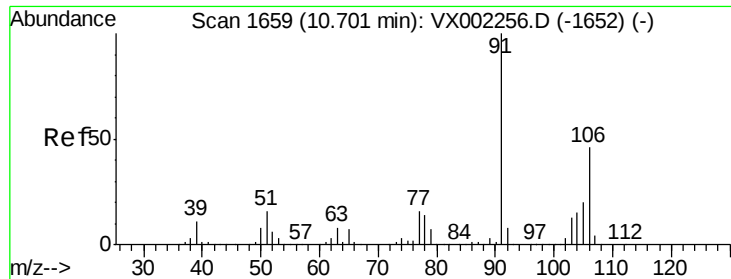
MMDadoda
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#68
m/p-Xylenes
Concen: 102.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion: 106 Resp: 729880
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2





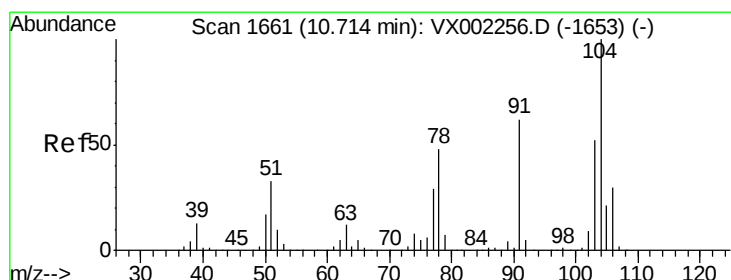
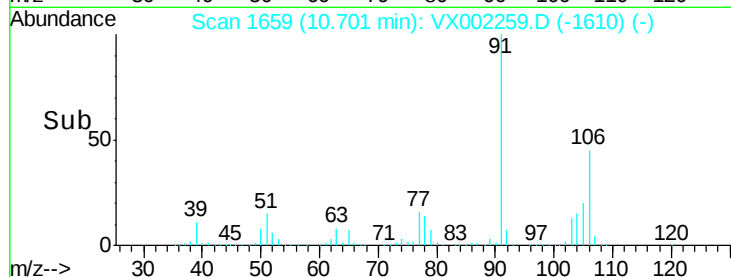
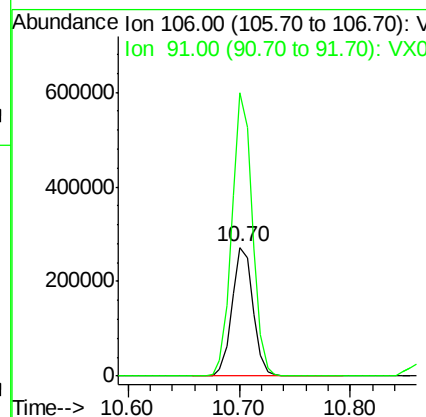
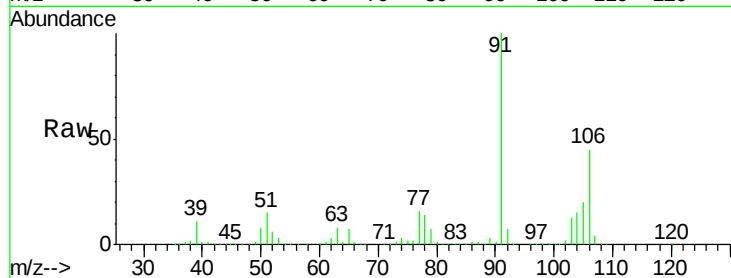
#69
o-Xylene
Concen: 49.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion:106 Resp: 352828
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

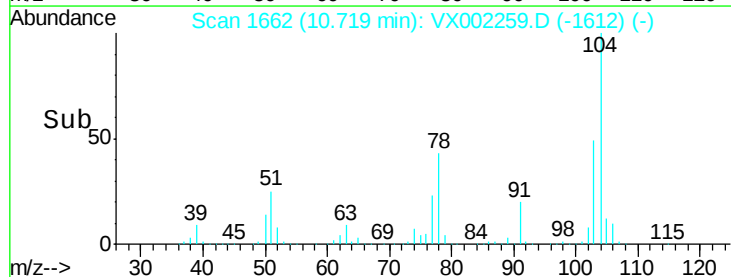
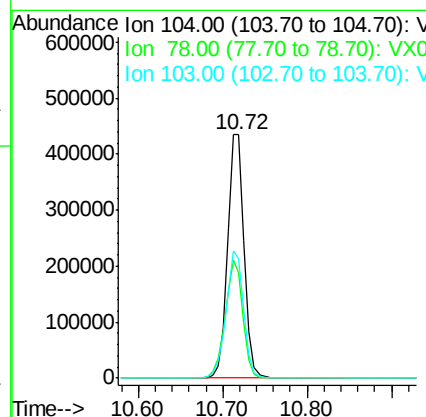
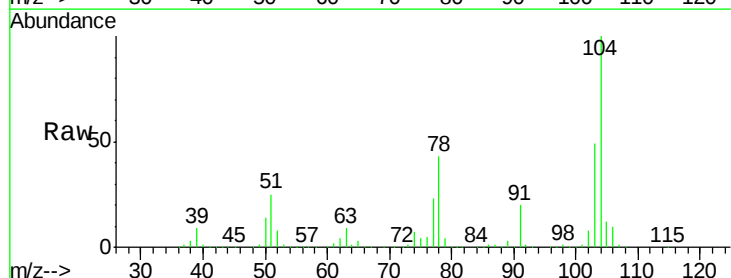
Manual Integrations
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#70
Styrene
Concen: 50.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion:104 Resp: 588767
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.6
103 55.5 44.2 66.4





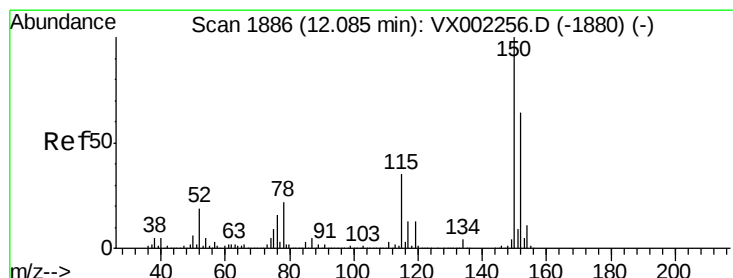
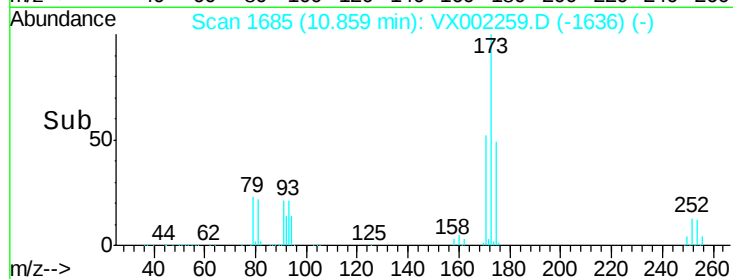
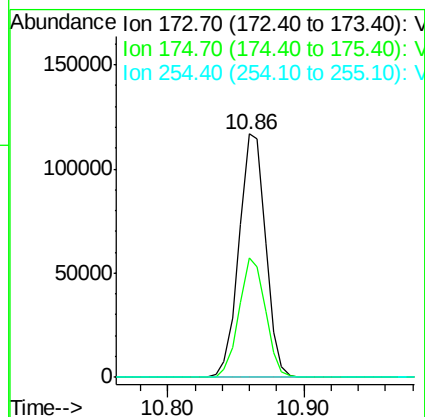
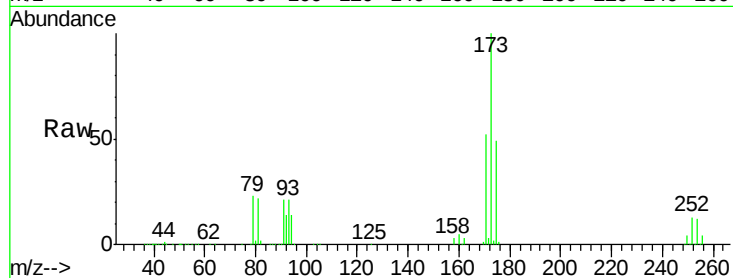
#71
Bromoform
Concen: 45.27 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.1	0.2	0.2

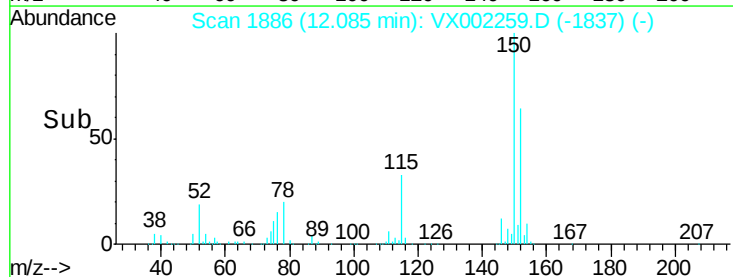
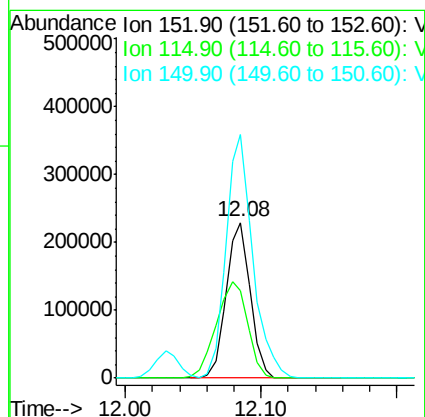
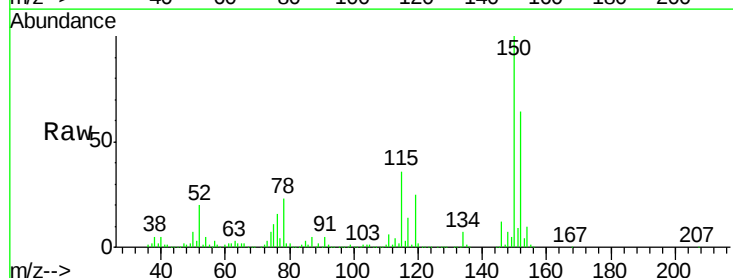
Manual Integrations
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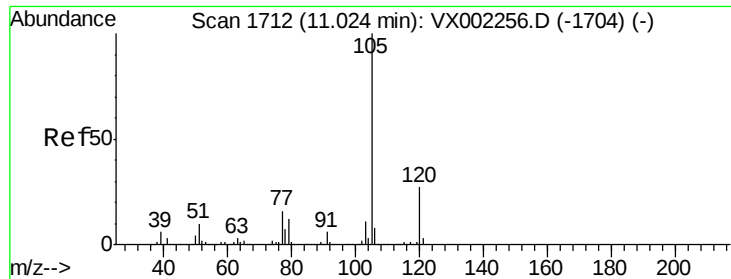
MMDadoda
6/5/2018 5:56:04 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.0	40.1	120.2
150	174.8	0.0	347.2





#73

Isopropylbenzene

Concen: 50.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

ICVVX060418

Tgt Ion: 105 Resp: 973161

Ion Ratio Lower Upper

105 100

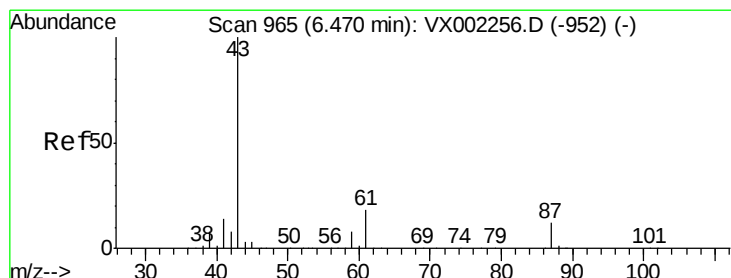
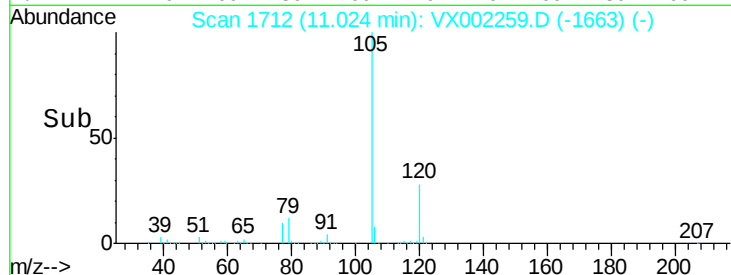
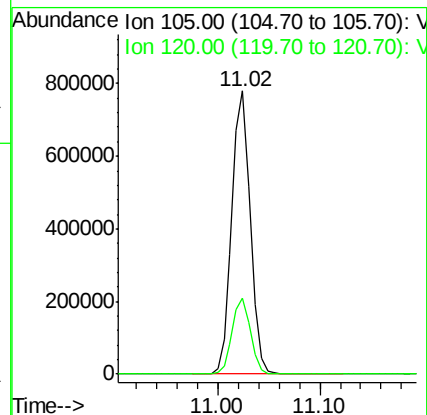
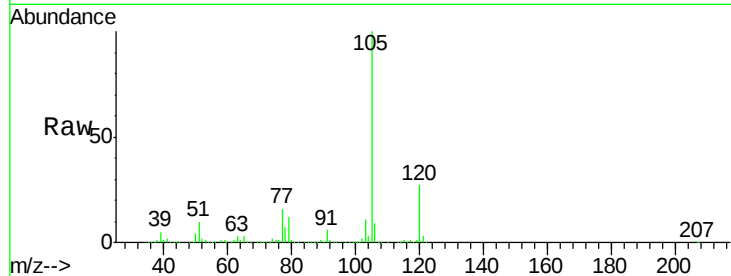
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 43.65 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion: 43 Resp: 456574

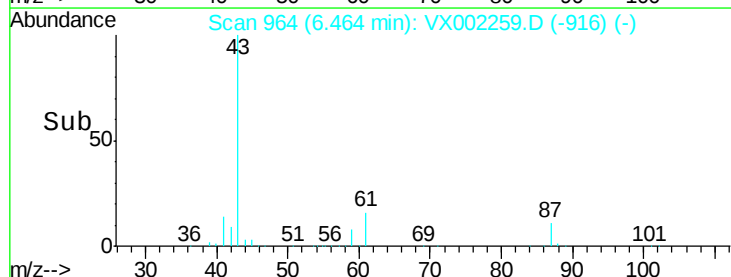
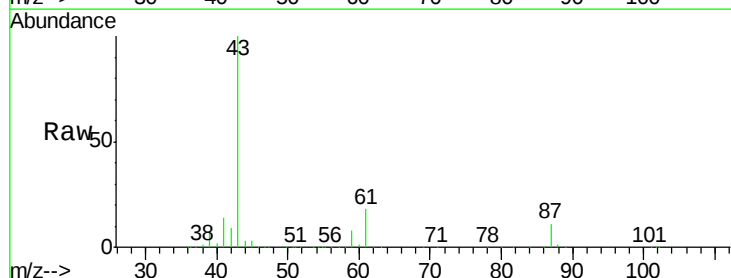
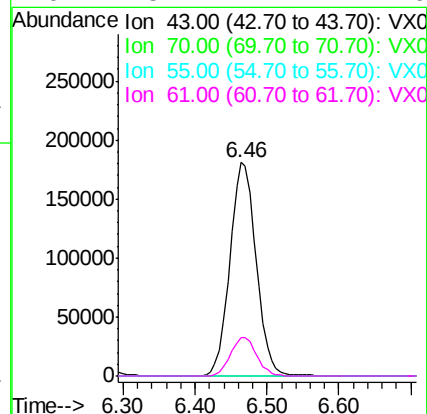
Ion Ratio Lower Upper

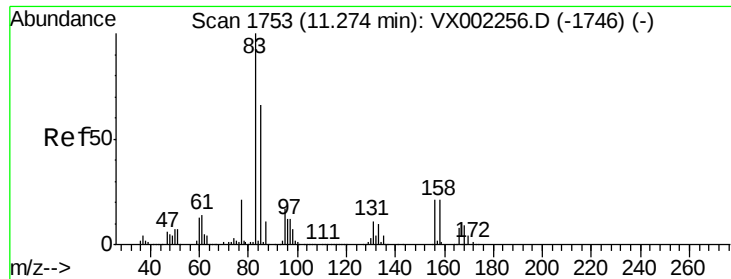
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.99 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060418

Tgt Ion: 83 Resp: 268588

Ion Ratio Lower Upper

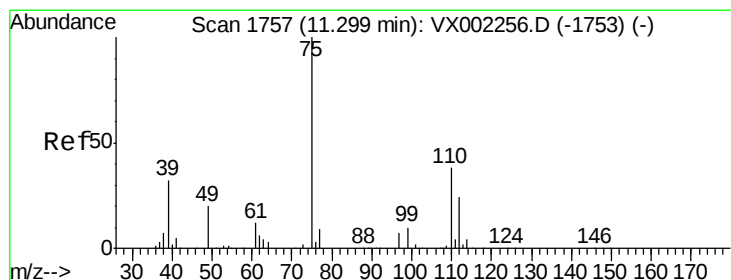
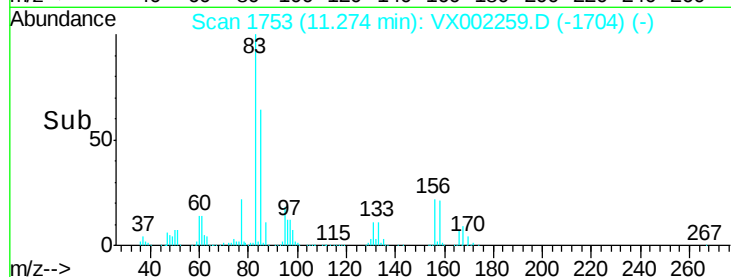
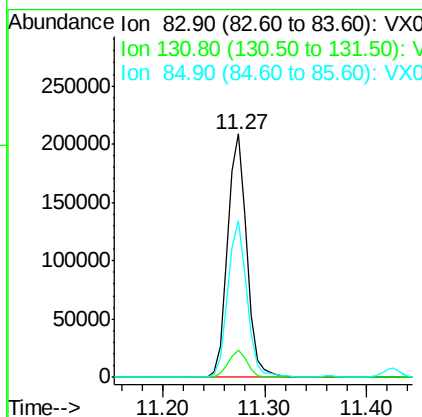
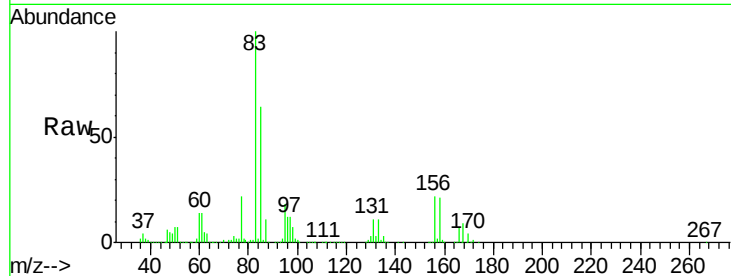
83 100

131 11.0 5.6 16.8

85 64.3 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 45.24 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002259.D

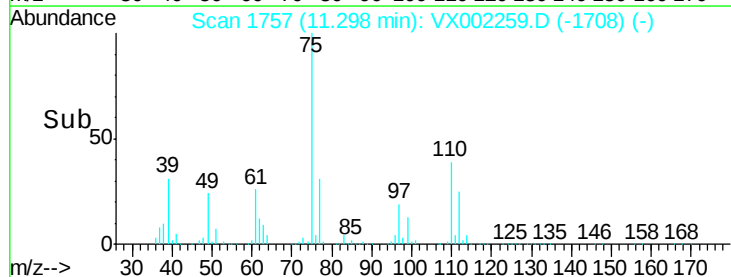
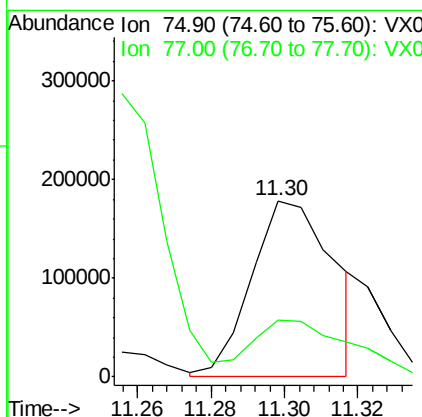
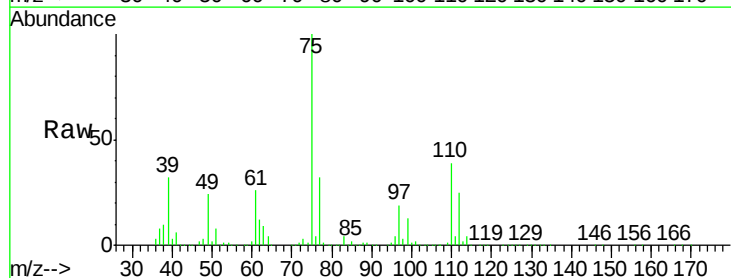
Acq: 04 Jun 2018 13:02

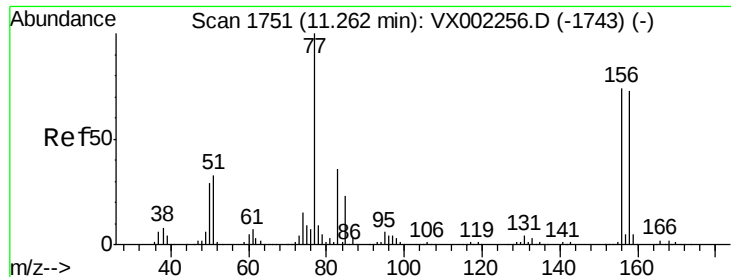
Tgt Ion: 75 Resp: 277032

Ion Ratio Lower Upper

75 100

77 39.2 22.8 68.3





#77

Bromobenzene

Concen: 47.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

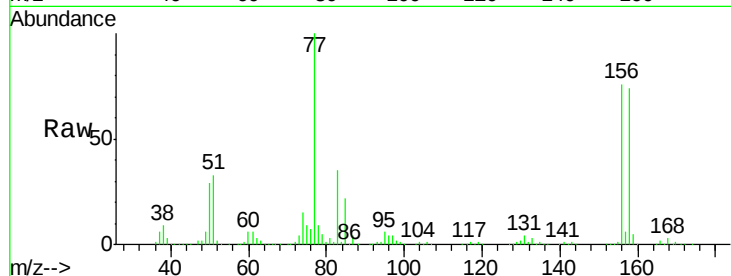
ClientSampleId :

ICVVX060418

Tgt Ion	Ratio	Lower	Upper
156	100		
77	142.9	71.4	214.2
158	97.6	48.9	146.6

Manual Integrations
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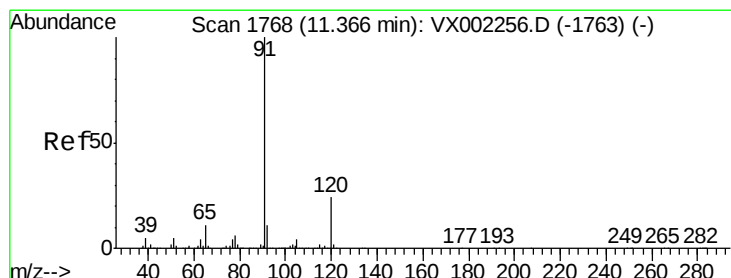
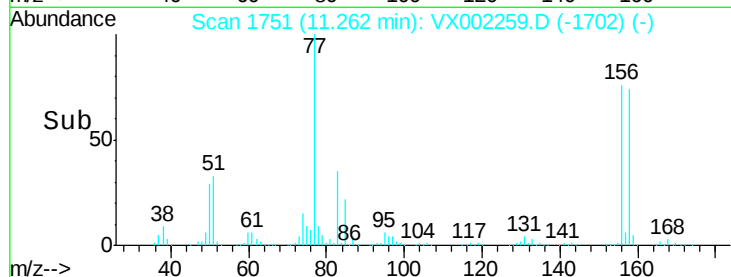
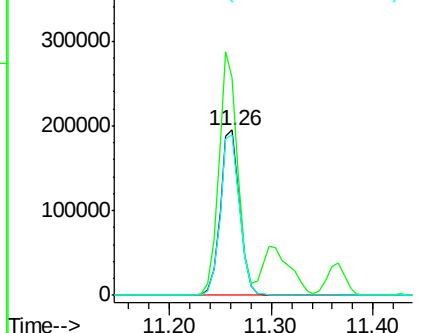
MMDadoda
6/5/2018 5:56:04 PM



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: 52.29 ug/l

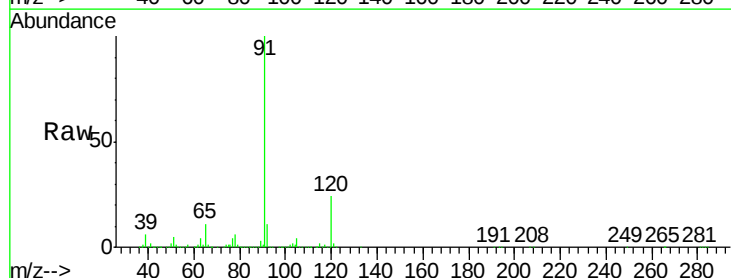
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002259.D

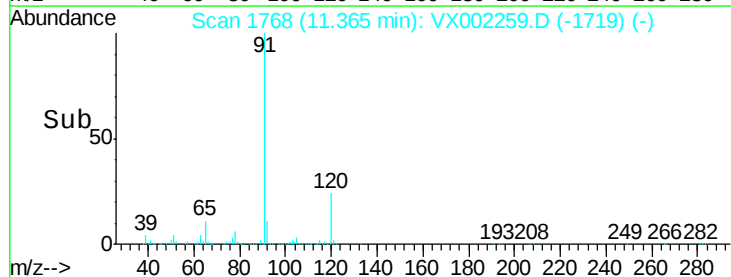
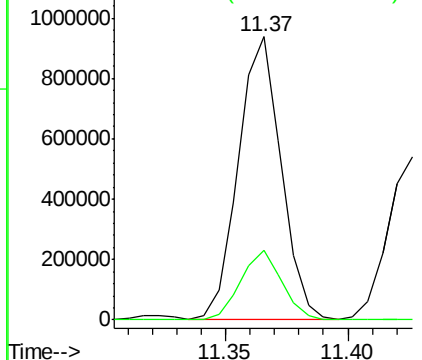
Acq: 04 Jun 2018 13:02

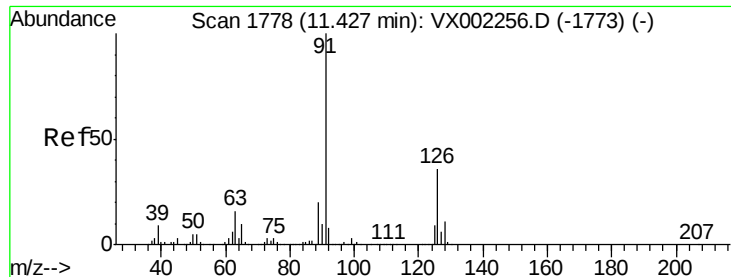
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

ICVVX060418

Tgt Ion: 91 Resp: 654767

Ion Ratio Lower Upper

91 100

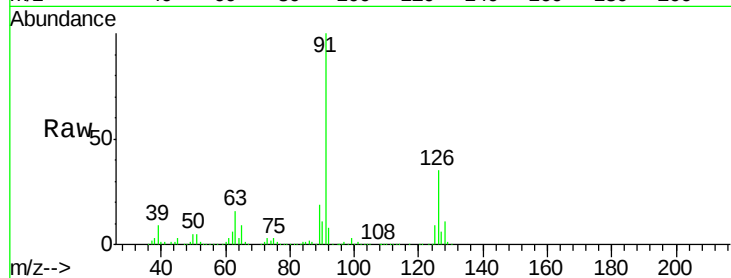
126 35.2 17.7 53.1

Manual Integrations

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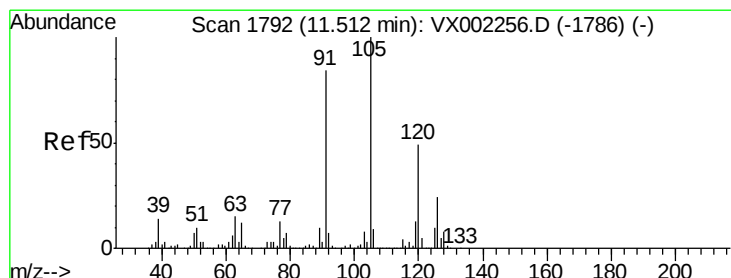
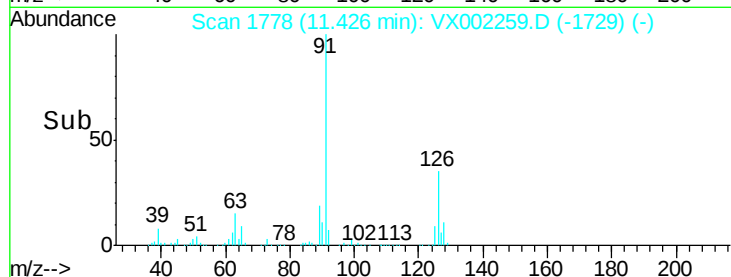
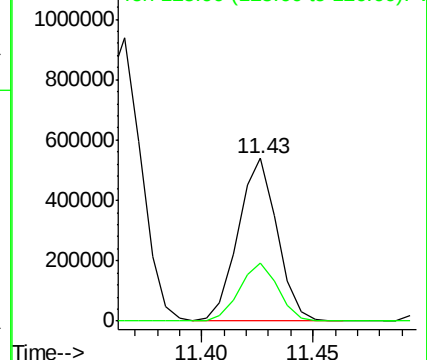
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002259.D

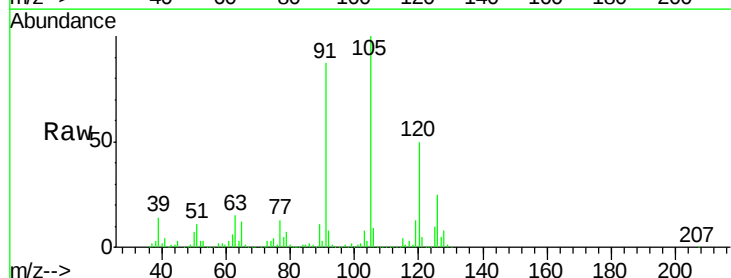
Acq: 04 Jun 2018 13:02

Tgt Ion: 105 Resp: 832005

Ion Ratio Lower Upper

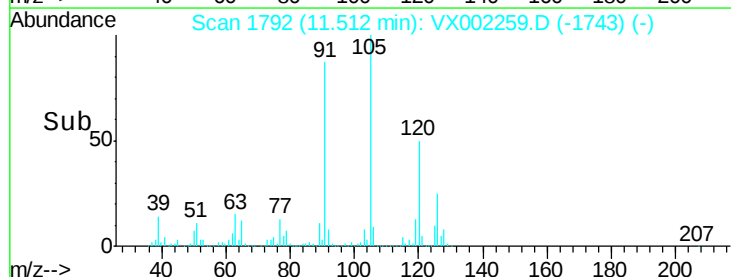
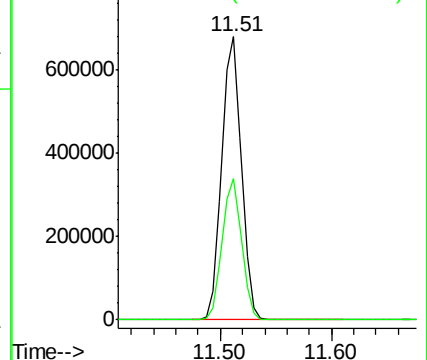
105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





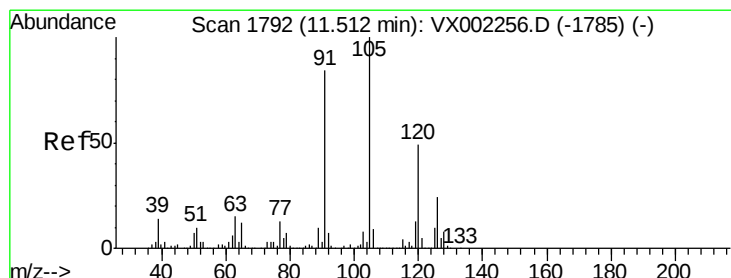
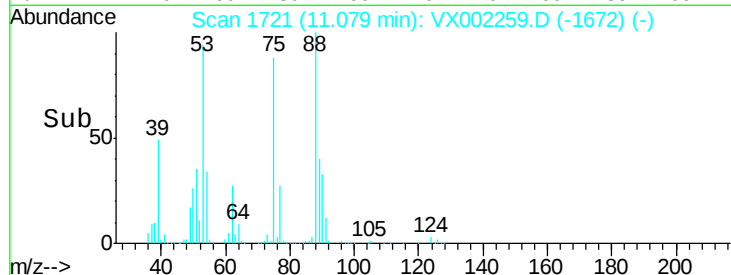
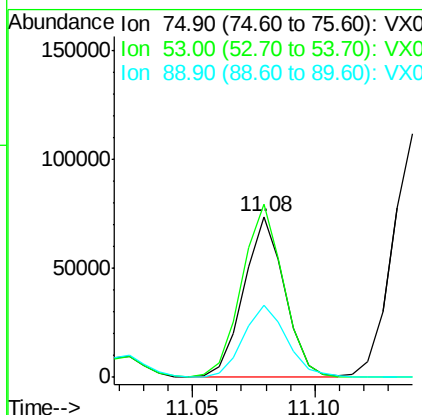
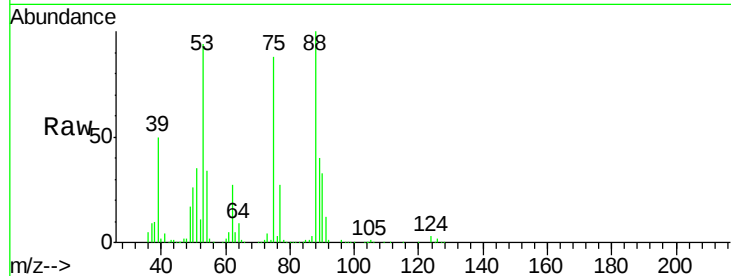
#81
trans-1,4-Dichloro-2-butene
Concen: 48.84 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.9	86.8	130.2
89	48.5	38.2	57.2

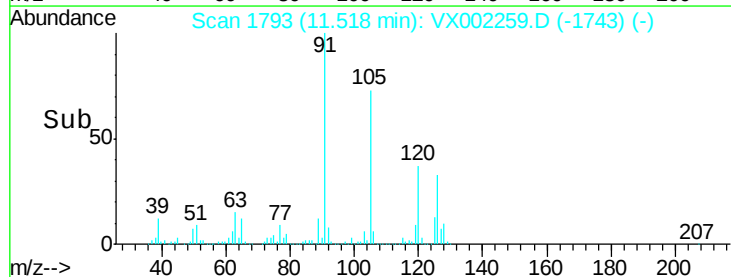
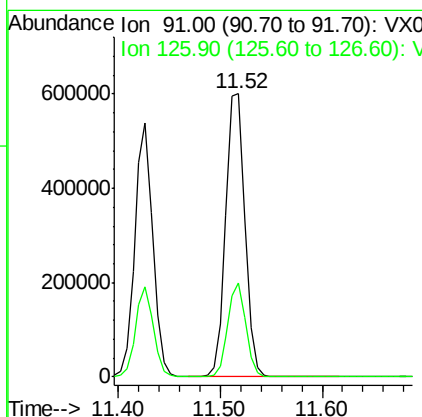
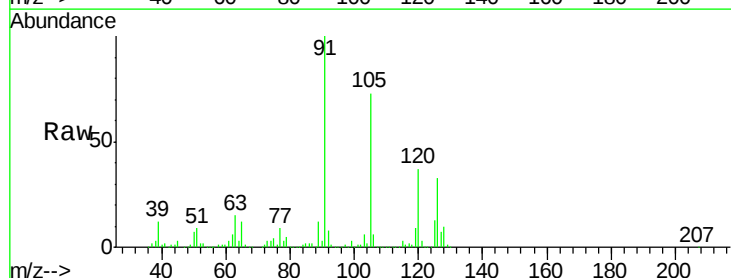
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#82
4-Chlorotoluene
Concen: 49.95 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





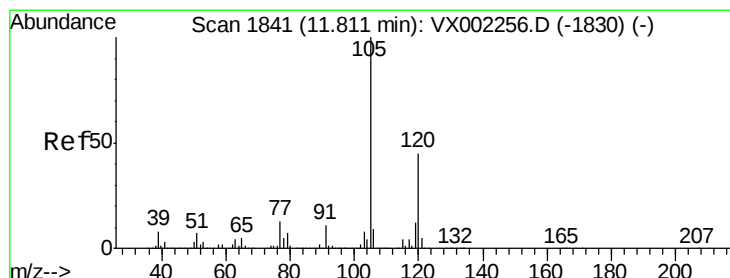
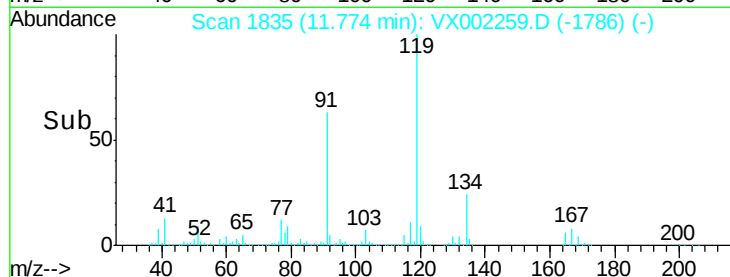
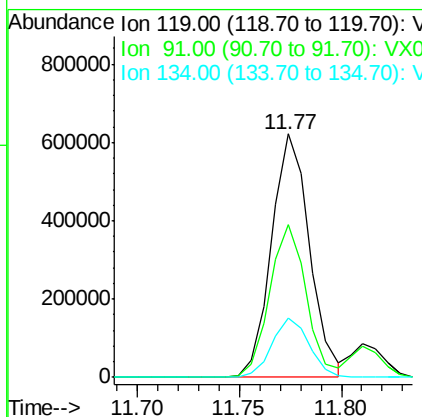
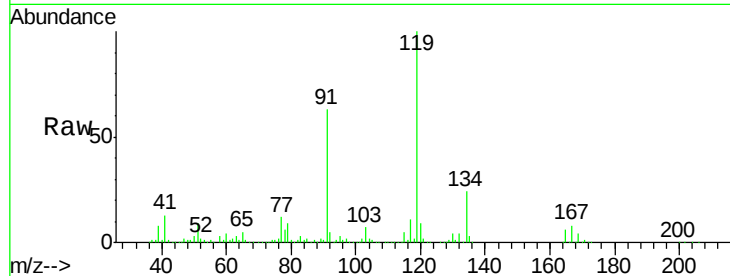
#83
 tert-Butylbenzene
 Concen: 49.85 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	808260		
91	60.6	30.3	90.9	
134	23.8	11.7	35.1	

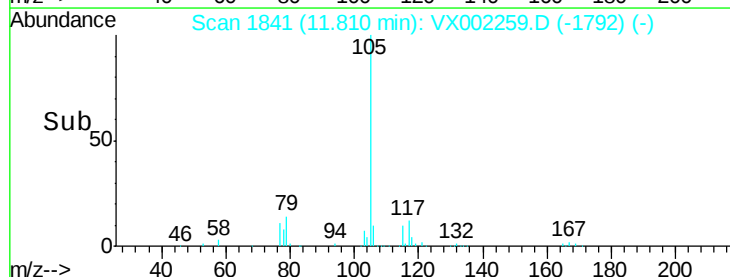
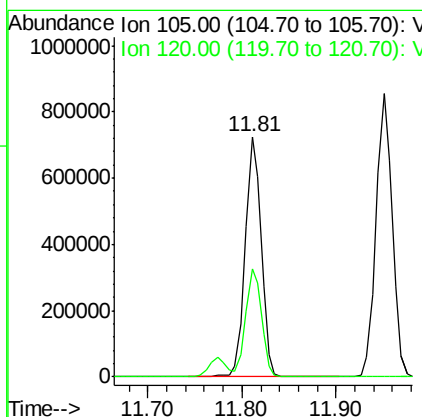
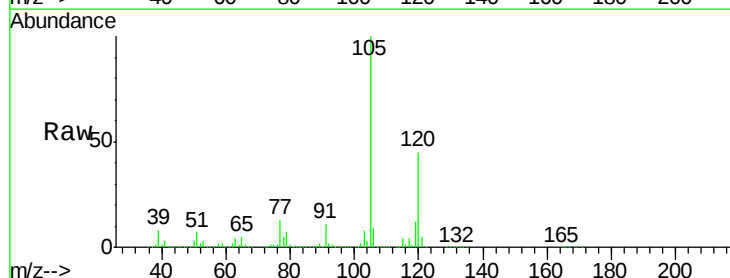
Manual Integrations
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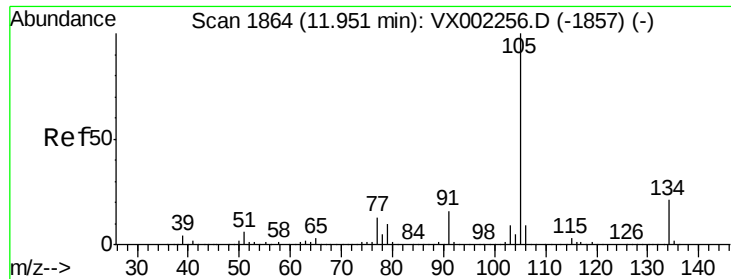
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	857631		
120	44.5	22.3	66.8	





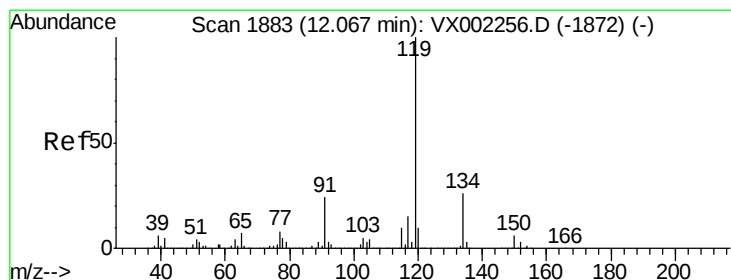
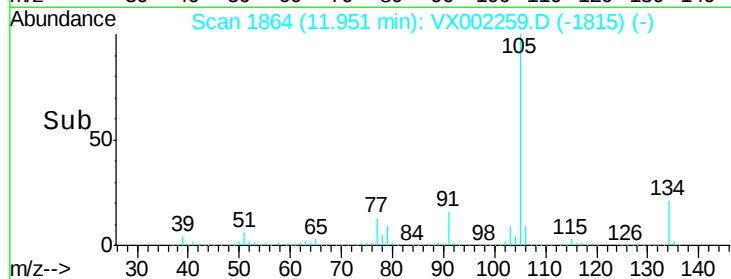
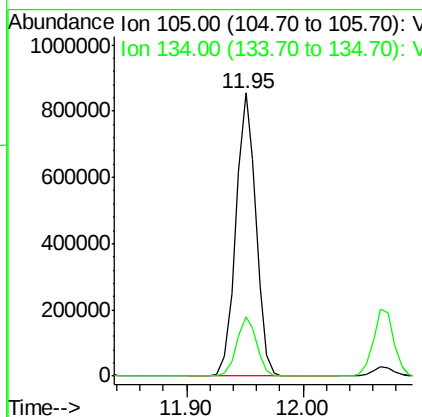
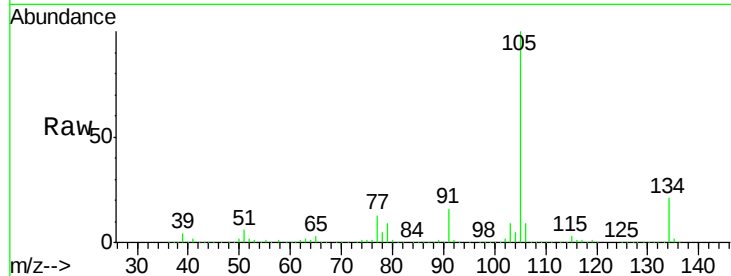
#85
 sec-Butylbenzene
 Concen: 53.59 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion:105 Resp: 1018669
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

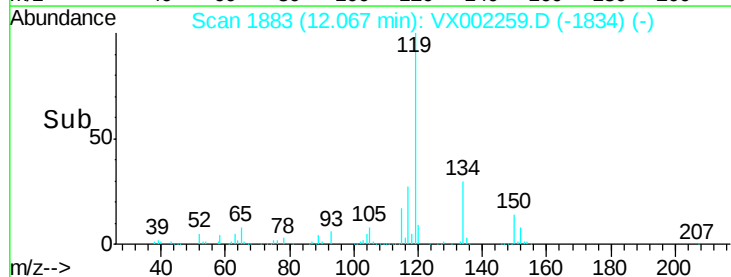
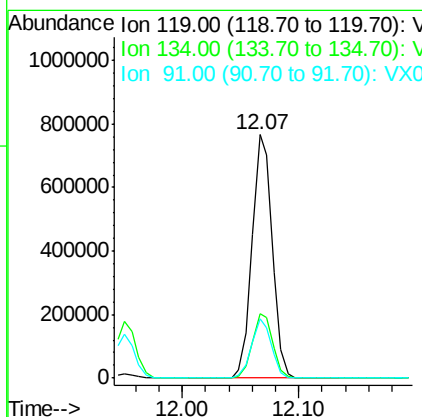
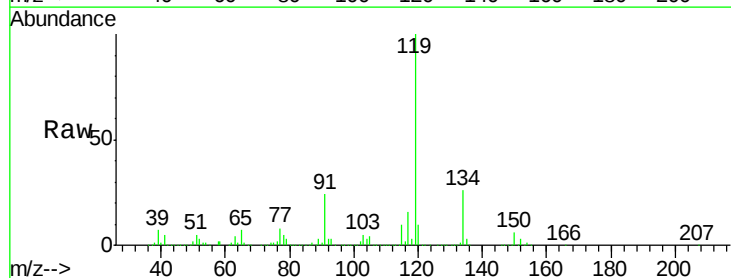
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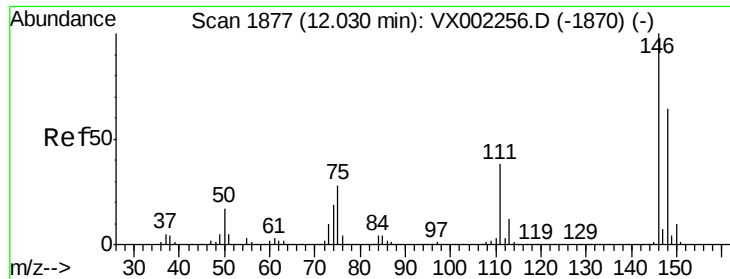
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 6/5/2018 5:56:04 PM



#86
 p-Isopropyltoluene
 Concen: 53.60 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion:119 Resp: 928154
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.68 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

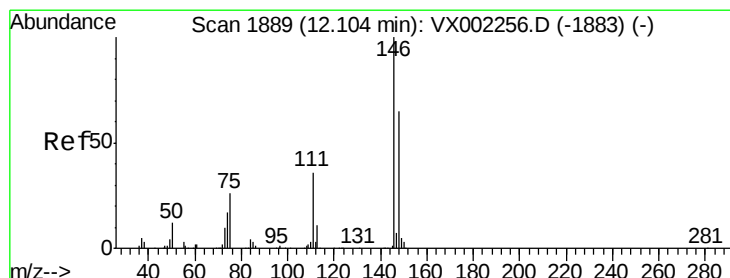
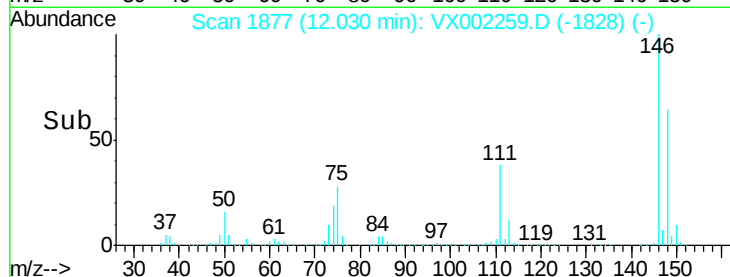
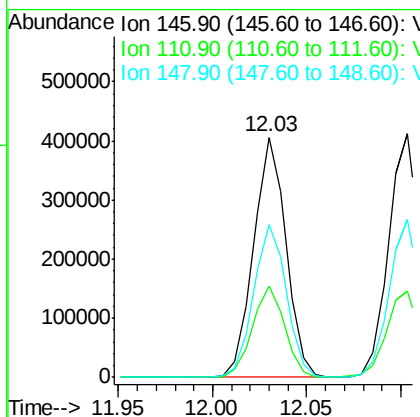
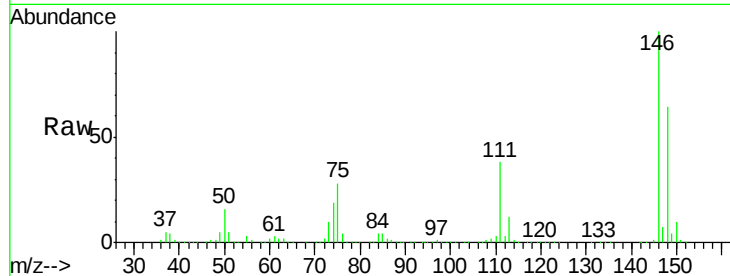
ClientSampled :

ICVX060418

Tgt Ion:	146	Resp:	484131
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.7
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.18 ug/l

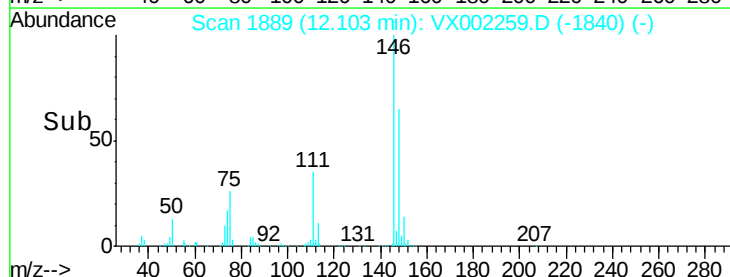
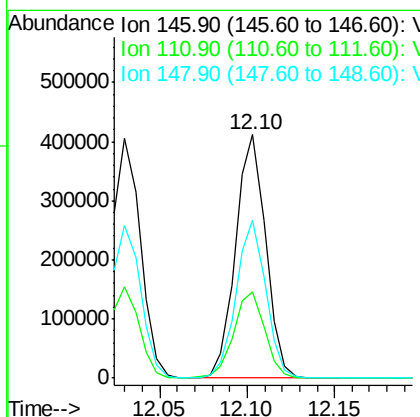
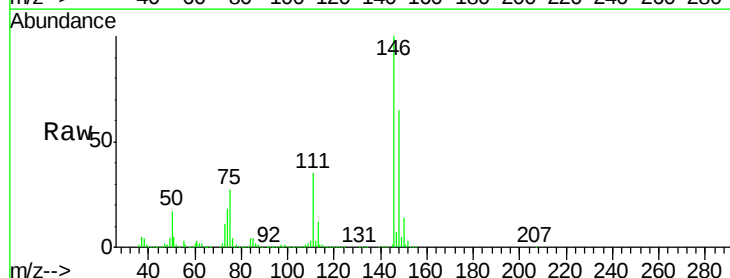
RT: 12.10 min Scan# 1889

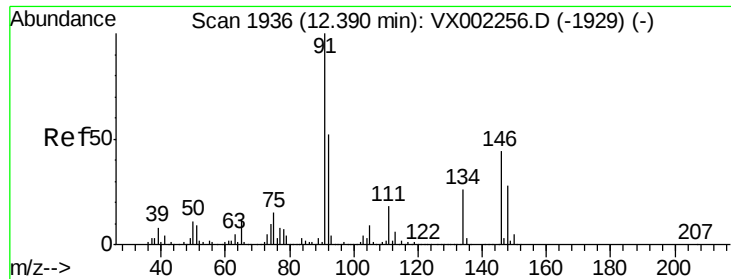
Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion:	146	Resp:	493966
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.7	56.1
148	63.8	32.4	97.0





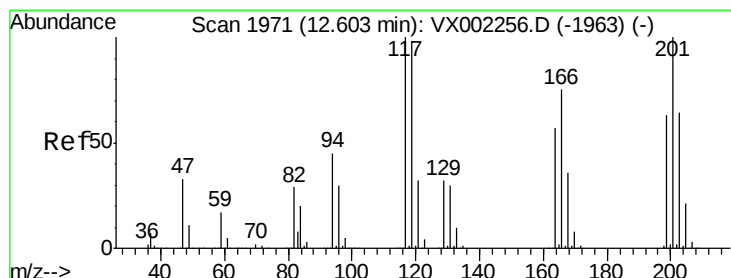
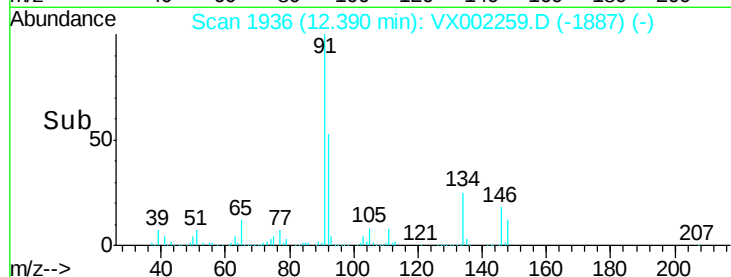
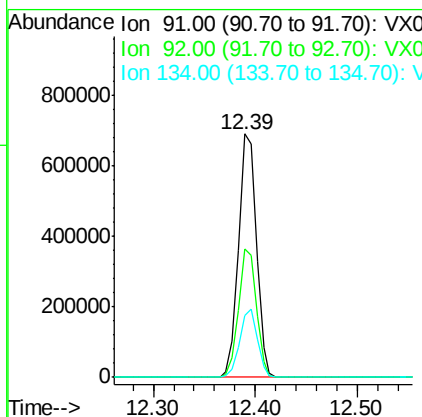
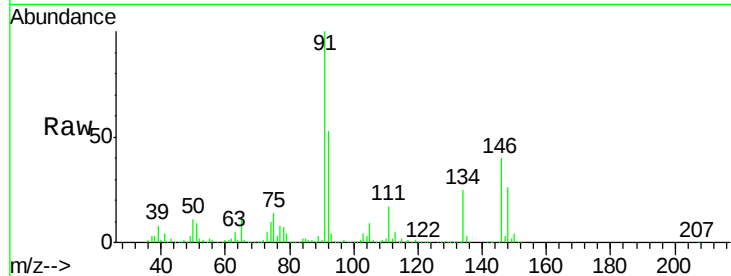
#89
n-Butylbenzene
Concen: 57.01 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
ICVVX060418

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	27.4	13.5	40.5

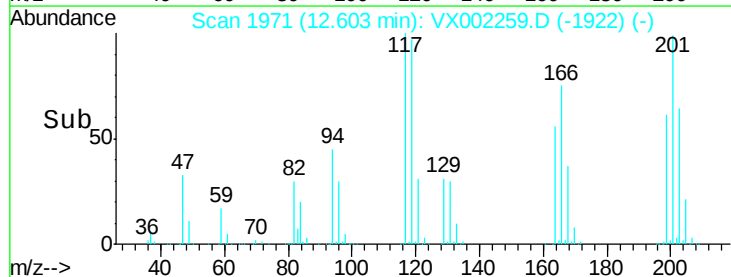
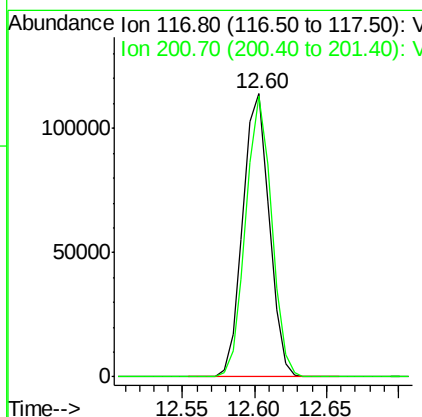
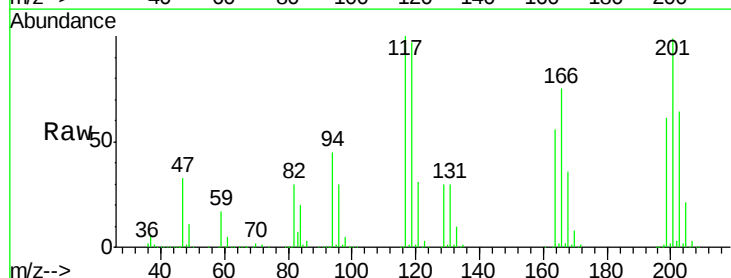
Manual Integrations
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6/5/2018 5:56:04 PM



#90
Hexachloroethane
Concen: 52.49 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002259.D
Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	49.0	147.0





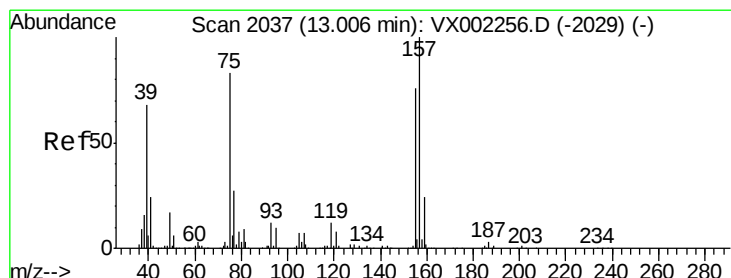
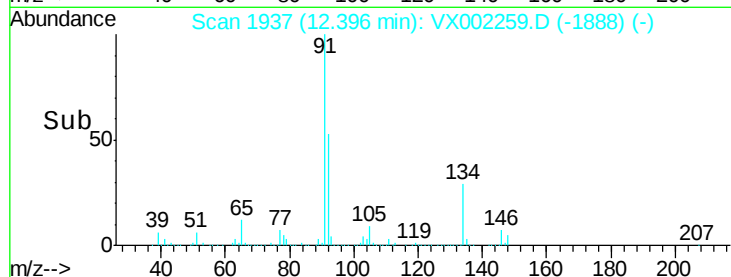
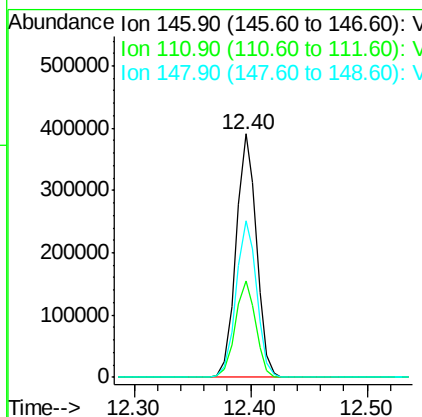
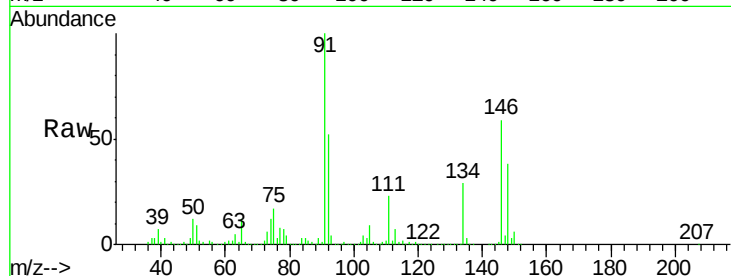
#91
 1,2-Dichlorobenzene
 Concen: 47.41 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	64.8	31.7	95.1

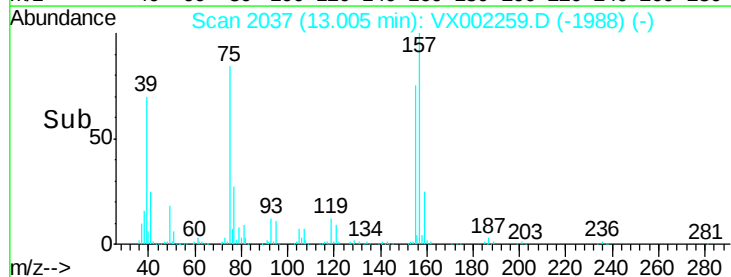
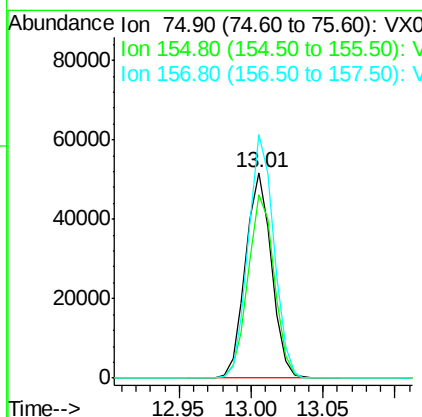
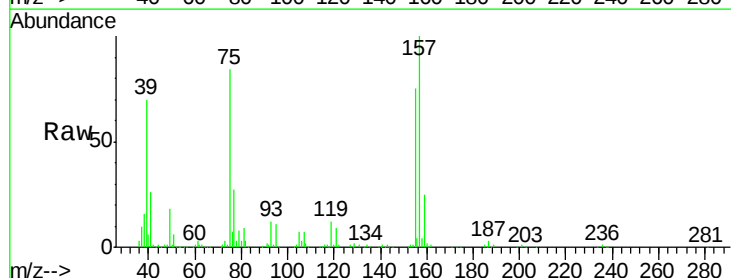
Manual Integrations
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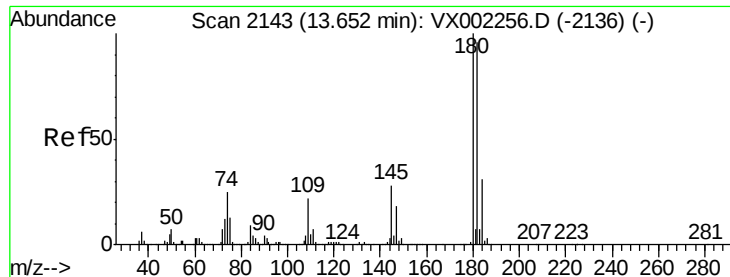
MMDadoda
 6/5/2018 5:56:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	45.8	137.4
157	116.7	60.1	180.3





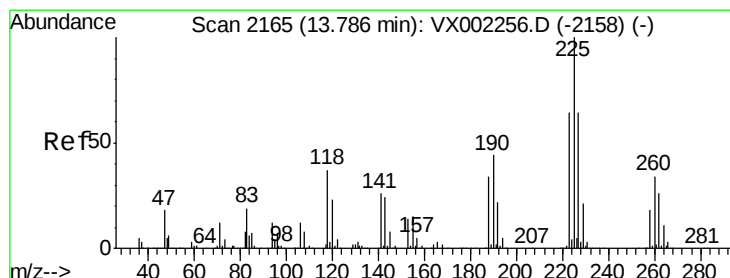
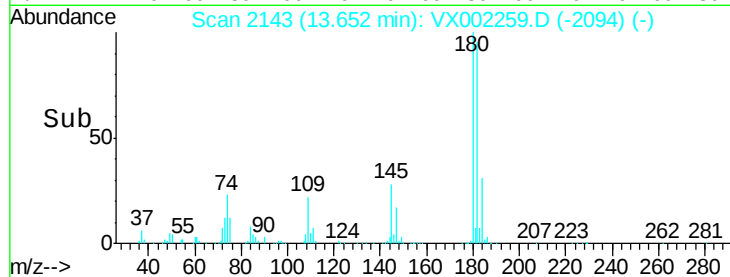
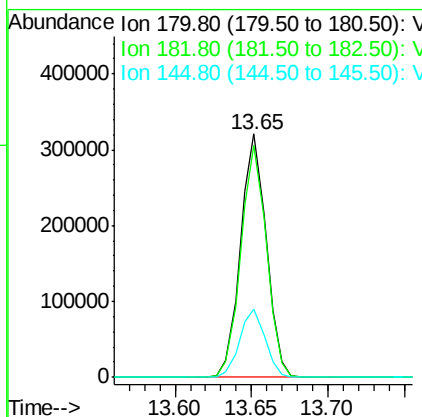
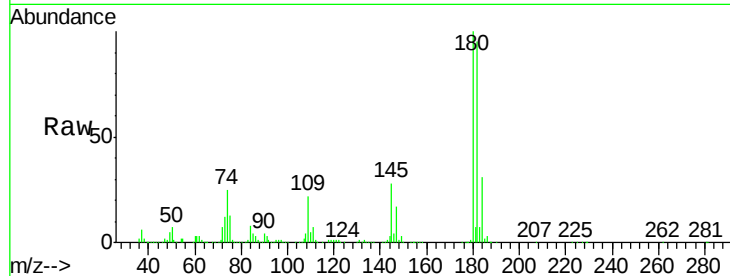
#93
 1,2,4-Trichlorobenzene
 Concen: 52.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060418

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373528		
182	94.9	47.7	143.1	
145	27.8	14.1	42.4	

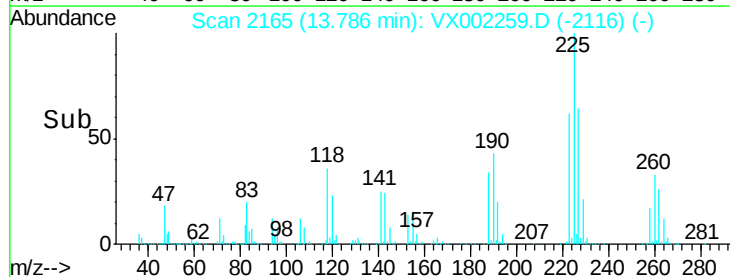
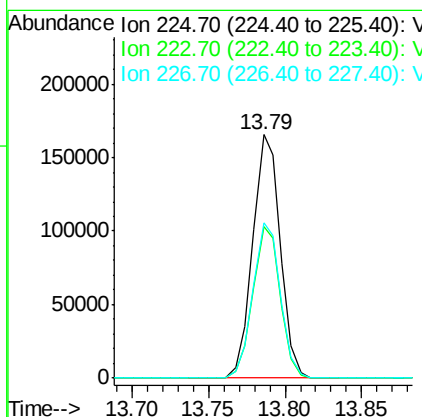
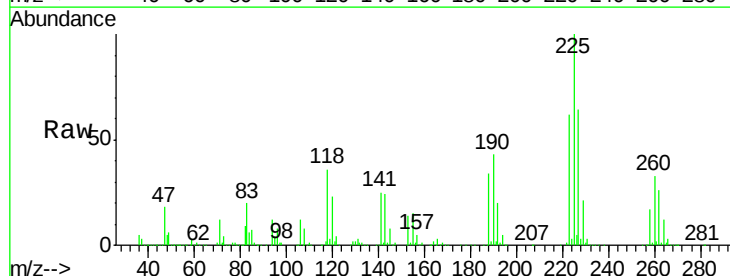
Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:04 PM



#94
 Hexachlorobutadiene
 Concen: 59.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002259.D
 Acq: 04 Jun 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	206863		
223	62.0	31.6	95.0	
227	63.5	32.4	97.2	





#95

Naphthalene

Concen: 48.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Instrument :

MSVOA_X

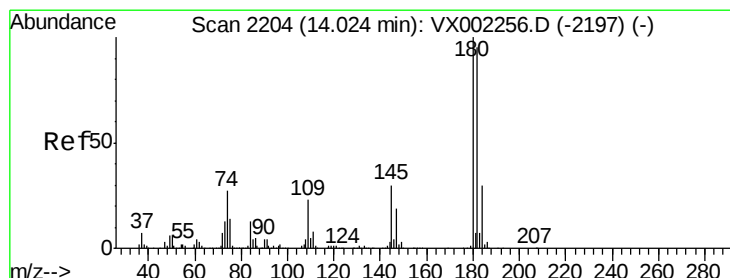
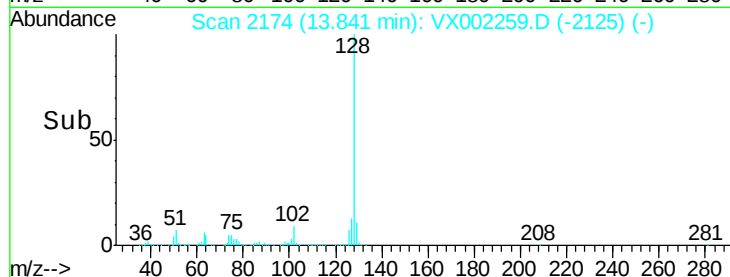
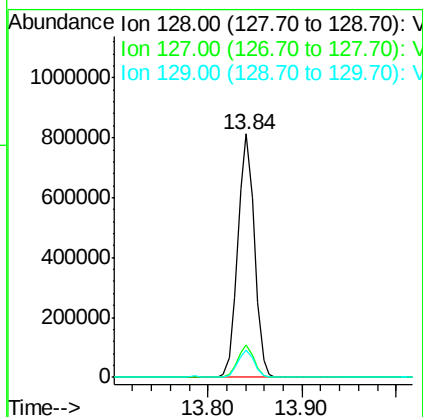
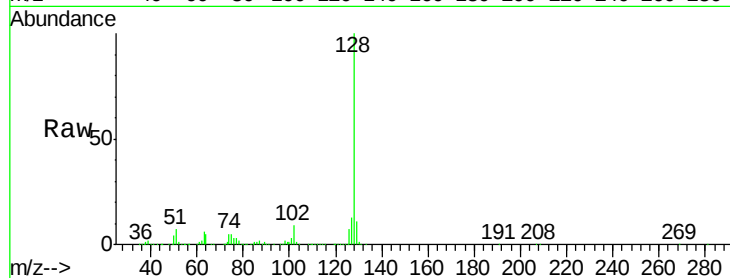
ClientSampleId :

ICVX060418

Tgt Ion:	128	Resp:	989200
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 51.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002259.D

Acq: 04 Jun 2018 13:02

Tgt Ion:	180	Resp:	369135
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	29.5	14.8	44.3

