

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004382.D
 Acq On : 06 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0906WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:54 PM

Quant Time: Sep 07 05:28:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	360800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	295395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218893	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.50	113	191109	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	705832	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	267217	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61703	14.76	ug/l	98
3) Chloromethane	1.32	50	70134	15.39	ug/l	99
4) Vinyl Chloride	1.40	62	81815	17.31	ug/l	98
5) Bromomethane	1.63	94	41398	16.40	ug/l	98
6) Chloroethane	1.71	64	59618	17.11	ug/l	98
7) Trichlorofluoromethane	1.92	101	117388	18.12	ug/l	97
8) Diethyl Ether	2.18	74	54565	19.67	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75736	18.67	ug/l	99
10) Methyl Iodide	2.51	142	64831	17.22	ug/l	98
11) Tert butyl alcohol	3.07	59	107783	107.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69645	18.22	ug/l	98
13) Acrolein	2.29	56	18045	74.67	ug/l	93
14) Allyl chloride	2.72	41	137165	19.53	ug/l	96
15) Acrylonitrile	3.15	53	249945	100.68	ug/l	99
16) Acetone	2.45	43	220715	110.47	ug/l	99
17) Carbon Disulfide	2.56	76	166714	16.25	ug/l	99
18) Methyl Acetate	2.78	43	179560	25.73	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253408	20.12	ug/l	98
20) Methylene Chloride	2.85	84	84550	18.68	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	76113	17.99	ug/l	97
22) Diisopropyl ether	3.87	45	254572	19.42	ug/l	99
23) Vinyl Acetate	3.82	43	960229	90.36	ug/l	97
24) 1,1-Dichloroethane	3.69	63	148219	19.40	ug/l	100
25) 2-Butanone	4.71	43	329987	103.05	ug/l	98
26) 2,2-Dichloropropane	4.58	77	114962	19.18	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88967	18.54	ug/l	100
28) Bromochloromethane	5.02	49	65551	19.38	ug/l	100
29) Tetrahydrofuran	5.16	42	204712	101.32	ug/l	100
30) Chloroform	5.21	83	146370	19.10	ug/l	97
31) Cyclohexane	5.57	56	117718	17.85	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121235	18.98	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104717	17.94	ug/l	98
37) Ethyl Acetate	4.86	43	112739	19.64	ug/l	100
38) Carbon Tetrachloride	5.78	117	102047	18.58	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:54 PM

Quant Time: Sep 07 05:28:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119820	17.98	ug/l	98
40) Benzene	6.14	78	333232	19.11	ug/l	99
41) Methacrylonitrile	5.06	41	67199	20.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112737	18.95	ug/l	99
43) Isopropyl Acetate	6.46	43	172983	19.61	ug/l	99
44) Trichloroethene	7.21	130	90113	18.66	ug/l	98
45) 1,2-Dichloropropane	7.52	63	85863	19.67	ug/l	98
46) Dibromomethane	7.66	93	54296	18.68	ug/l	98
47) Bromodichloromethane	7.90	83	104061	19.24	ug/l	99
48) Methyl methacrylate	7.78	41	91995	19.49	ug/l	98
49) 1,4-Dioxane	7.76	88	45342	423.10	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	620640	96.83	ug/l	100
52) Toluene	8.79	92	210887	19.32	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	113821	19.05	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	127671	19.62	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	87440	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	120681	20.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147072	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	315582	102.66	ug/l	100
59) 2-Hexanone	9.50	43	476617	97.47	ug/l	100
60) Dibromochloromethane	9.59	129	82804	19.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	88296	19.36	ug/l	99
64) Tetrachloroethene	9.34	164	97117	20.15	ug/l	98
65) Chlorobenzene	10.14	112	234442	19.15	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	83418	19.75	ug/l	98
67) Ethyl Benzene	10.26	91	380285	19.13	ug/l	99
68) m/p-Xylenes	10.36	106	309362	39.79	ug/l	100
69) o-Xylene	10.70	106	147863	20.11	ug/l	99
70) Styrene	10.71	104	243024	20.41	ug/l	99
71) Bromoform	10.86	173	62440	18.34	ug/l	98
73) Isopropylbenzene	11.02	105	403680	20.81	ug/l	100
74) N-amyl acetate	10.90	43	143291	19.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132184	19.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120771m	20.10	ug/l	
77) Bromobenzene	11.26	156	108547	19.95	ug/l	99
78) n-propylbenzene	11.36	91	458969	20.57	ug/l	100
79) 2-Chlorotoluene	11.42	91	272689	19.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329402	20.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35426	19.13	ug/l	99
82) 4-Chlorotoluene	11.51	91	317642	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	328981	20.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	347514	21.07	ug/l	100
85) sec-Butylbenzene	11.95	105	409647	21.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	358380	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197679	19.29	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	195345	18.08	ug/l	97
89) n-Butylbenzene	12.39	91	280609	20.06	ug/l	97
90) Hexachloroethane	12.60	117	50693	21.09	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	190724	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24367	20.38	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

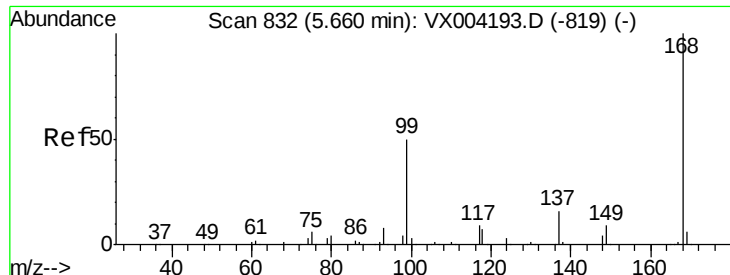
Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:54 PM

Quant Time: Sep 07 05:28:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139555	20.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	74507	23.43	ug/l	98
95) Naphthalene	13.83	128	423878	21.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	149023	20.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

Tot Ion:168 Resp: 360800

Ion Ratio Lower Upper

168 100

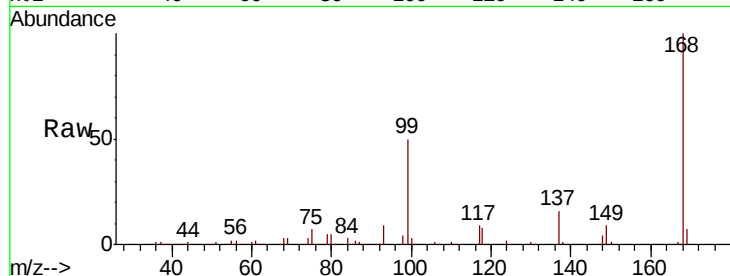
99 50.2 39.9 59.9

Manual Integrations

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9/7/2018 1:42:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

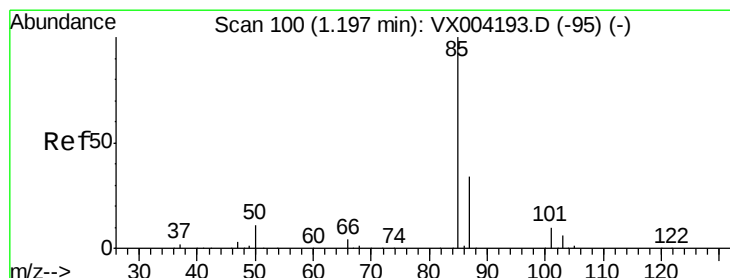
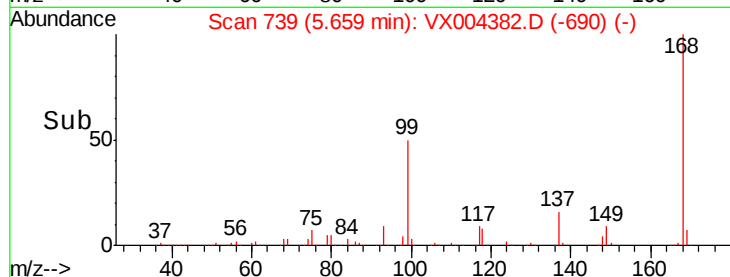
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.76 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004382.D

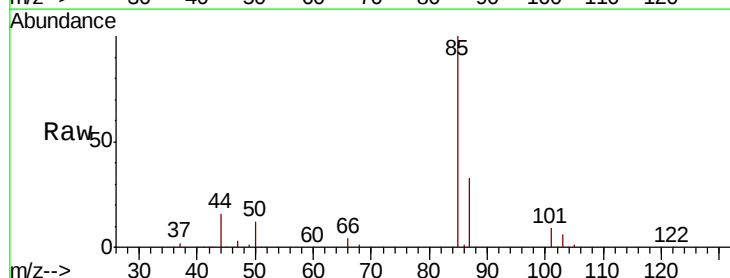
Acq: 06 Sep 2018 13:58

Tgt Ion: 85 Resp: 61703

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

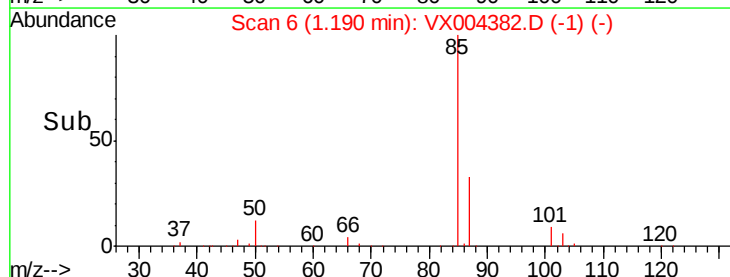
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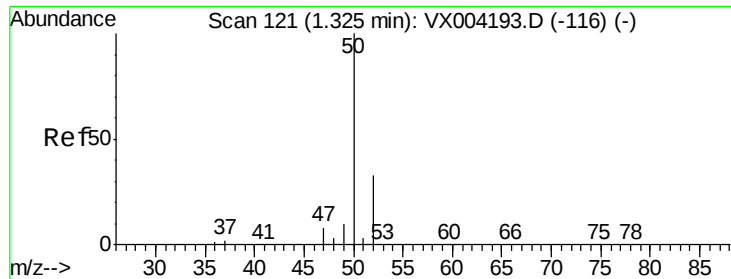
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.39 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 50 Resp: 70134

Ion Ratio Lower Upper

50 100

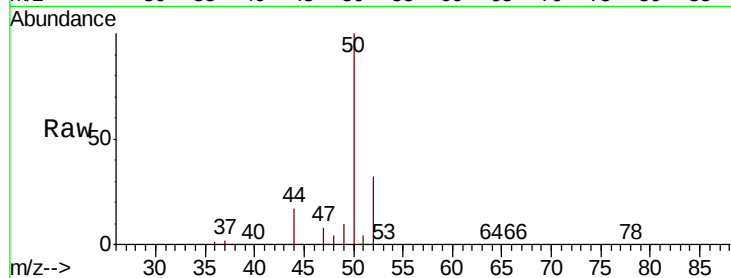
52 32.3 26.2 39.2

Manual Integrations

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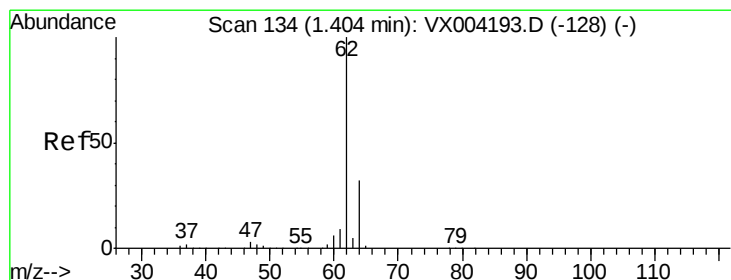
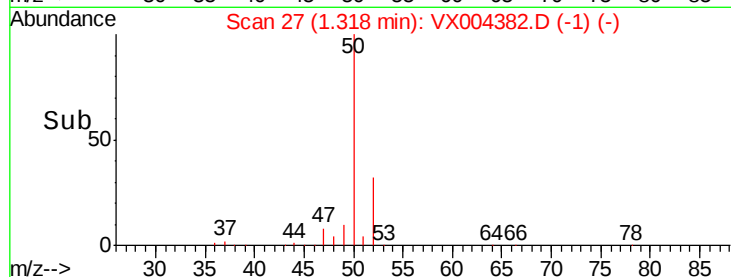
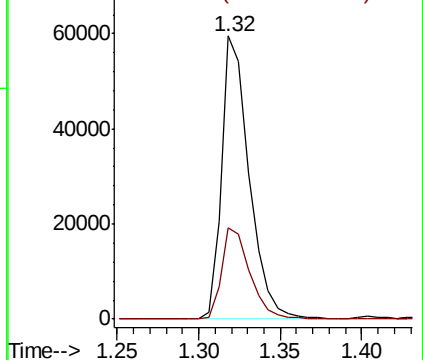
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.31 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004382.D

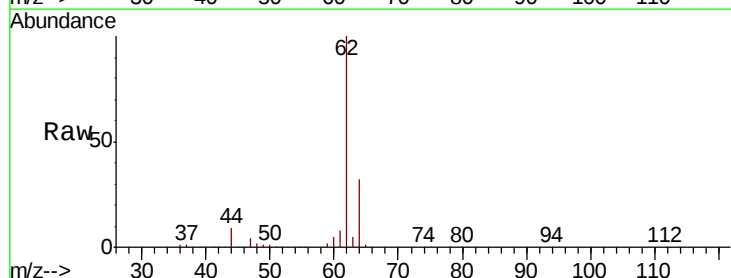
Acq: 06 Sep 2018 13:58

Tgt Ion: 62 Resp: 81815

Ion Ratio Lower Upper

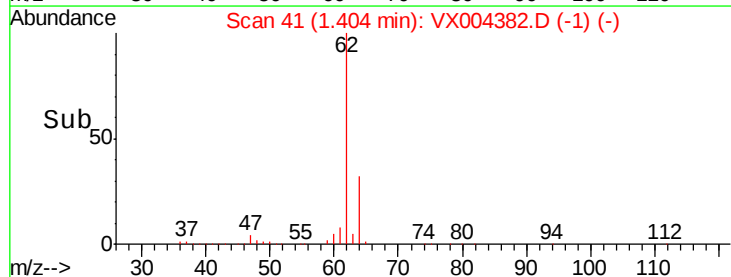
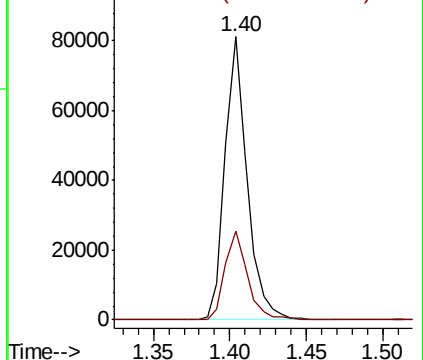
62 100

64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.40 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 94 Resp: 41398

Ion Ratio Lower Upper

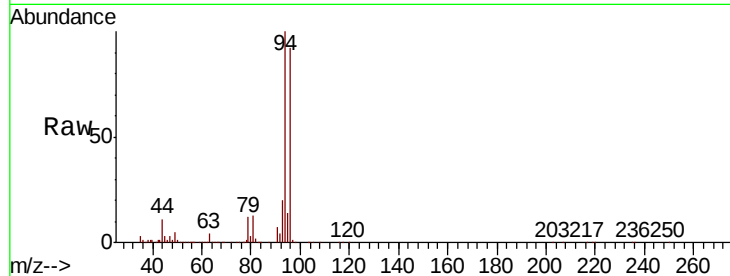
94 100

96 91.6 74.5 111.7

Manual Integrations
APPROVED

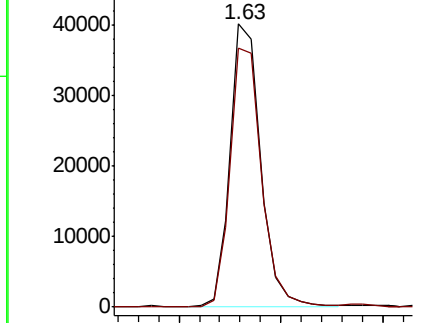
MMDadoda

9/7/2018 1:42:54 PM

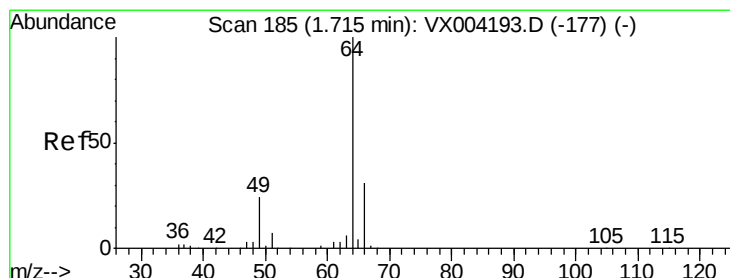
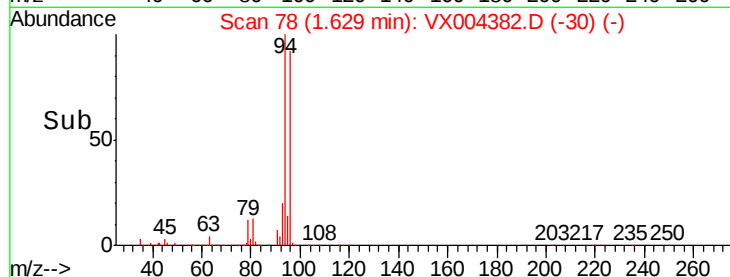


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 17.11 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004382.D

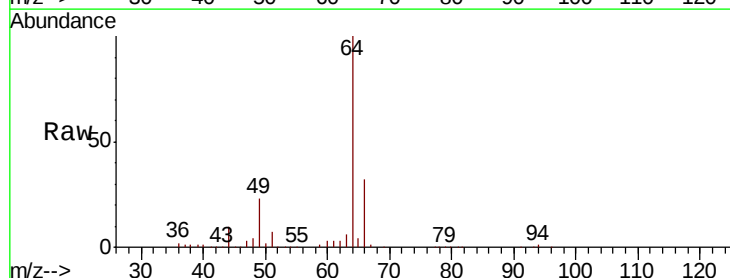
Acq: 06 Sep 2018 13:58

Tgt Ion: 64 Resp: 59618

Ion Ratio Lower Upper

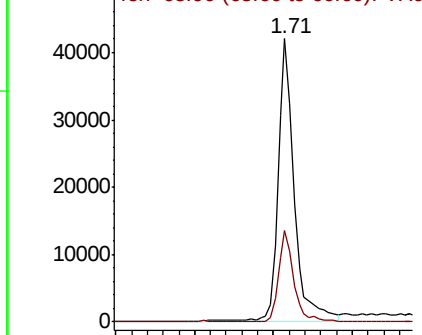
64 100

66 31.9 24.6 36.8

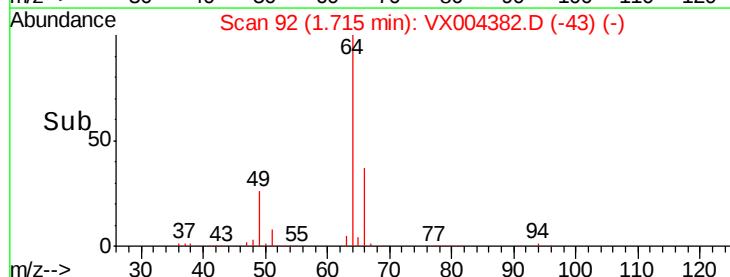


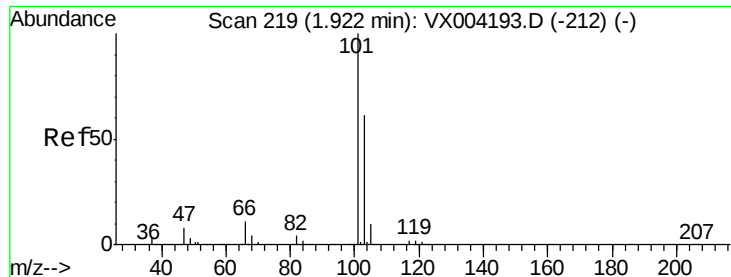
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

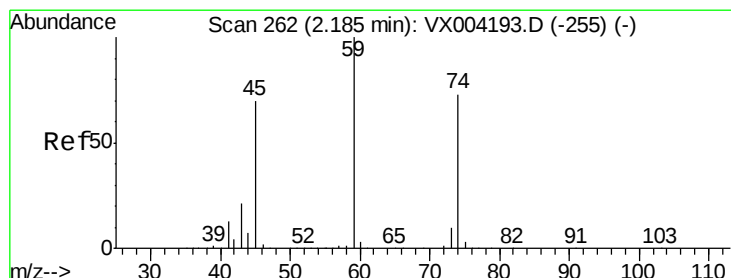
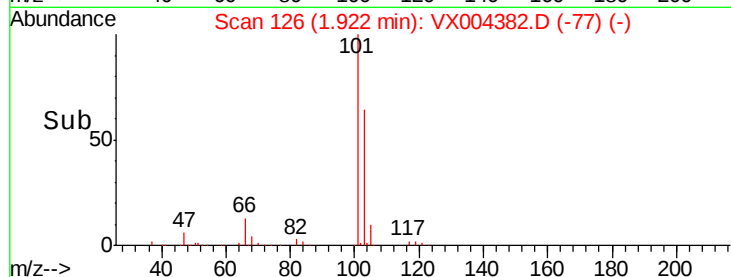
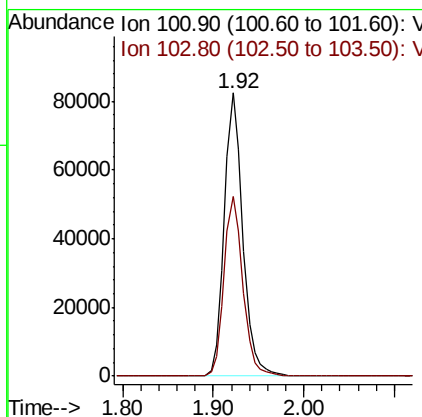
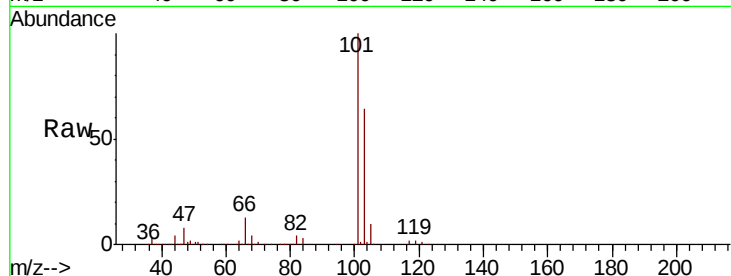
Trichlorofluoromethane
 Concen: 18.12 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
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 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	48.9	73.3

Manual Integrations
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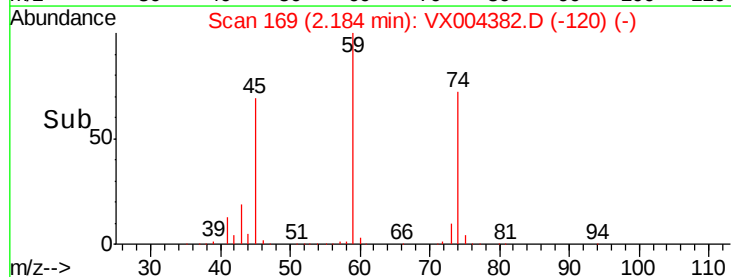
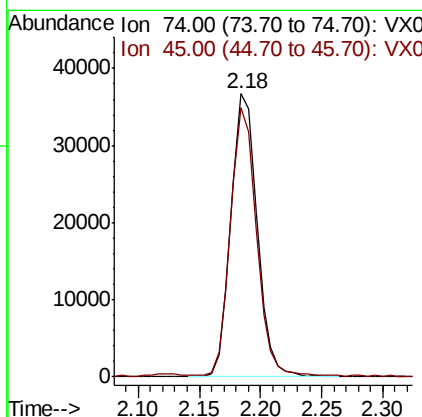
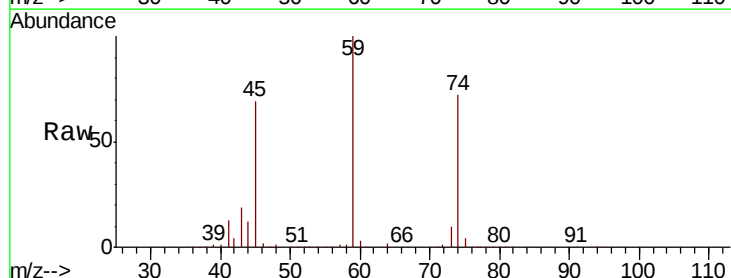
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 9/7/2018 1:42:54 PM

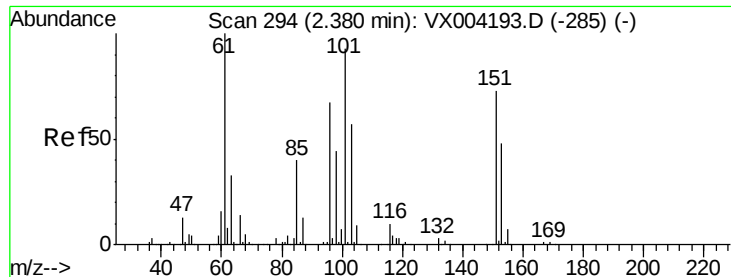


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.67 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

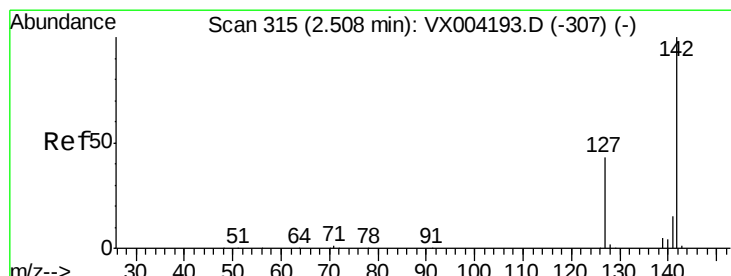
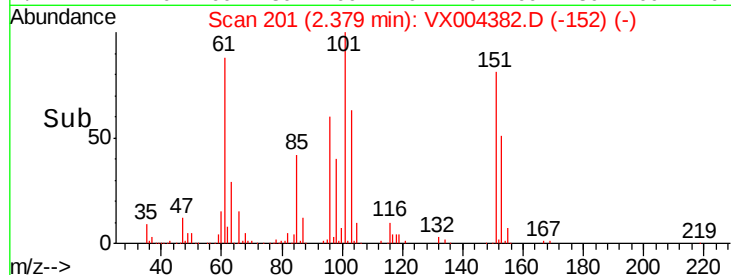
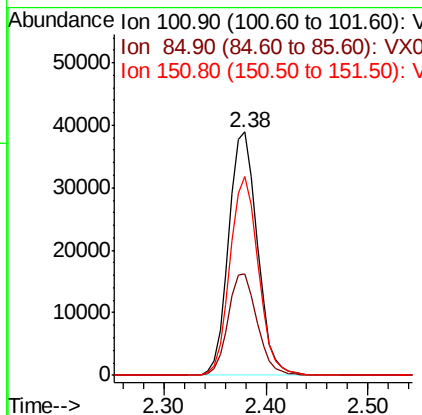
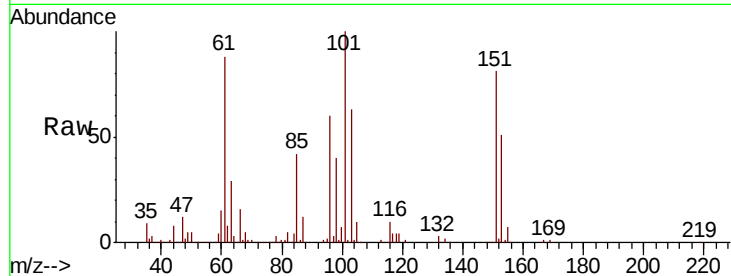
ClientSampleId :

VX0906WBS01

Tot Ion:	101	Resp:	75736
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	80.6	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.22 ug/l

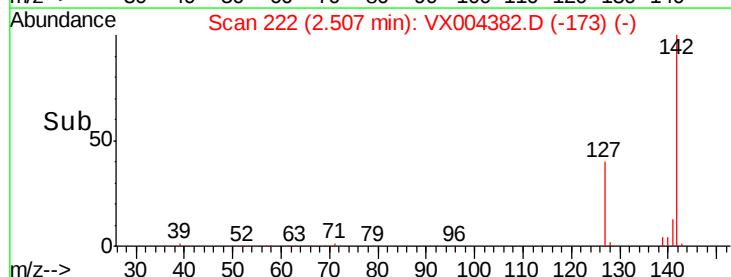
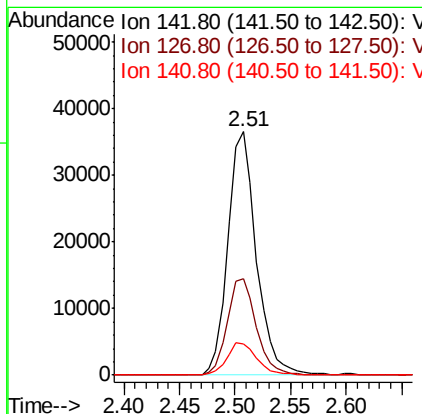
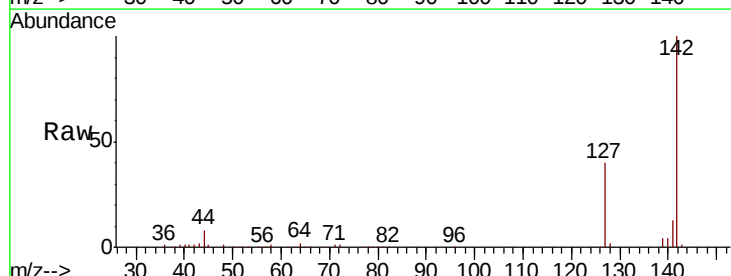
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	142	Resp:	64831
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.8	50.6
141	13.9	11.4	17.0





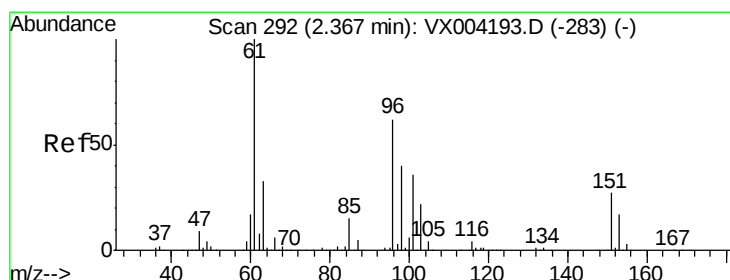
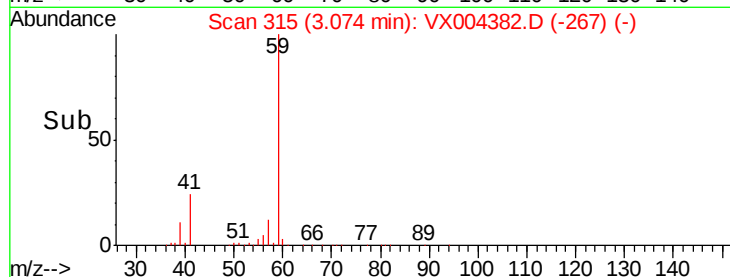
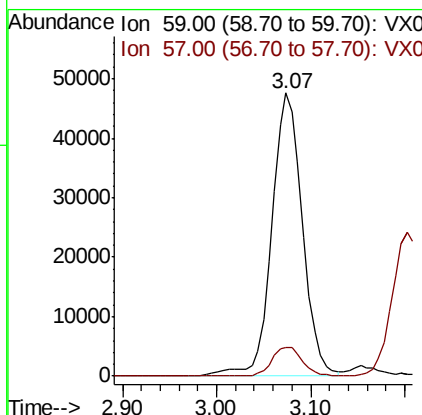
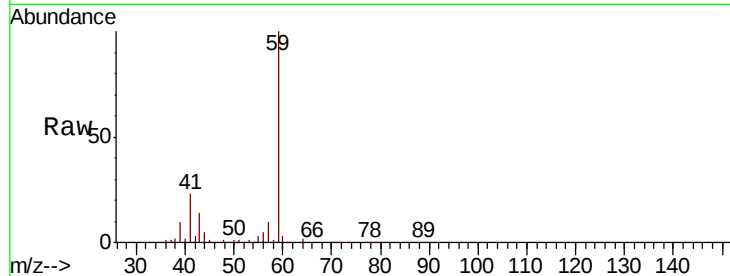
#11
Tert butyl alcohol
Concen: 107.52 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0906WBS01

Tot Ion	59	57	Ratio	100	10.3	Resp	107783	Lower	8.2	Upper	12.4
Ion	59	57	Ratio	100	10.3	Resp	107783	Lower	8.2	Upper	12.4

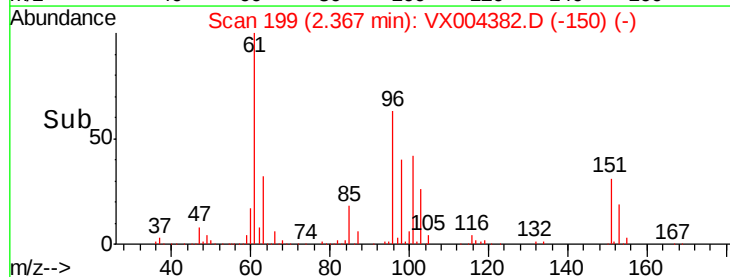
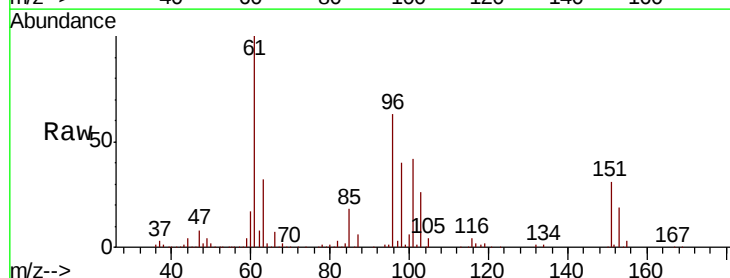
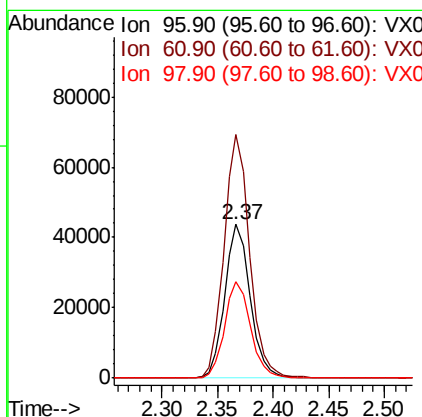
Manual Integrations
APPROVED

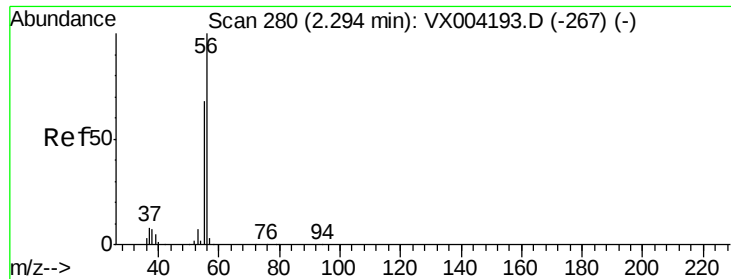
MMDadoda
9/7/2018 1:42:54 PM



#12
1,1-Dichloroethene
Concen: 18.22 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	96	61	98	Ratio	100	158.3	62.6	Resp	69645	Lower	128.8	52.2	Upper	193.2	78.2
Ion	96	61	98	Ratio	100	158.3	62.6	Resp	69645	Lower	128.8	52.2	Upper	193.2	78.2





#13

Acrolein

Concen: 74.67 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

Tot Ion: 56 Resp: 18045

Ion Ratio Lower Upper

56 100

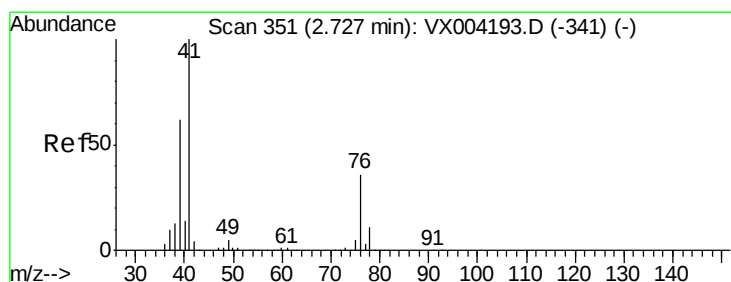
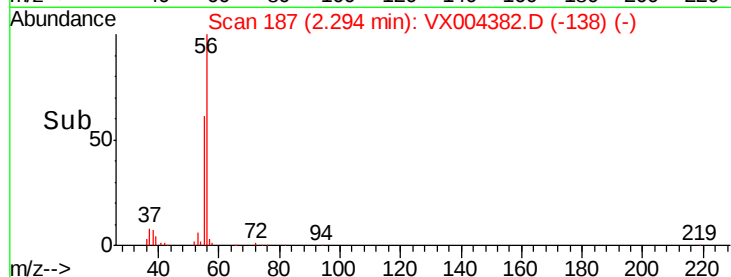
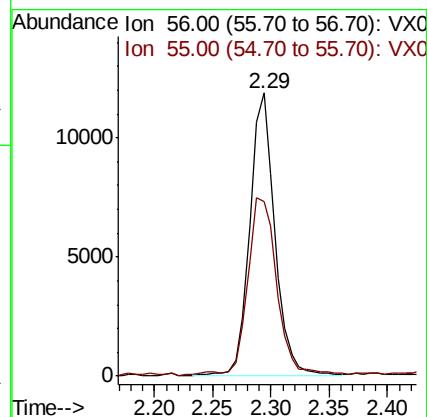
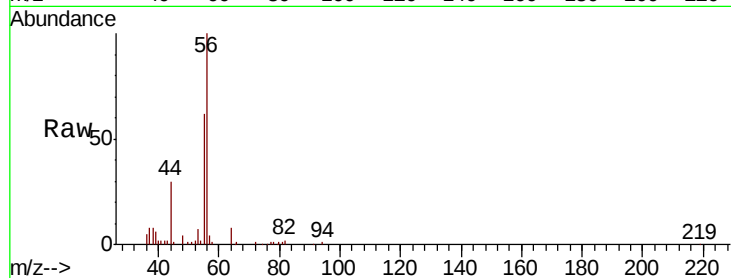
55 74.4 54.7 82.1

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 19.53 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

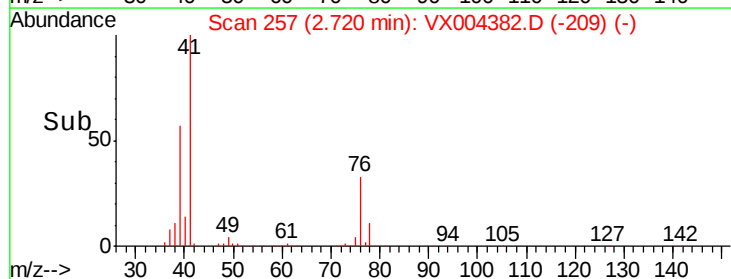
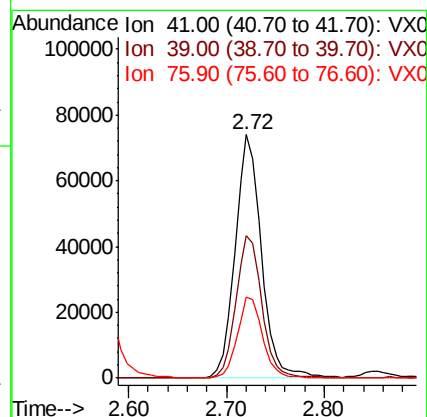
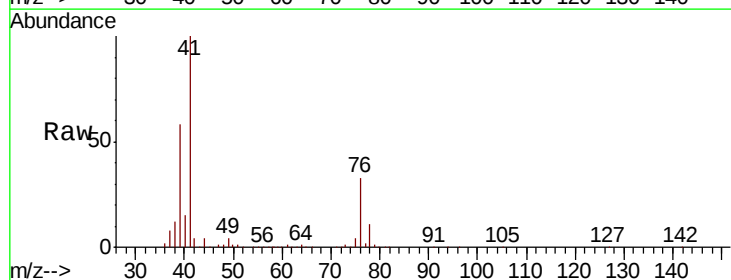
Tgt Ion: 41 Resp: 137165

Ion Ratio Lower Upper

41 100

39 57.6 48.9 73.3

76 32.2 26.7 40.1





#15

Acrylonitrile

Concen: 100.68 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

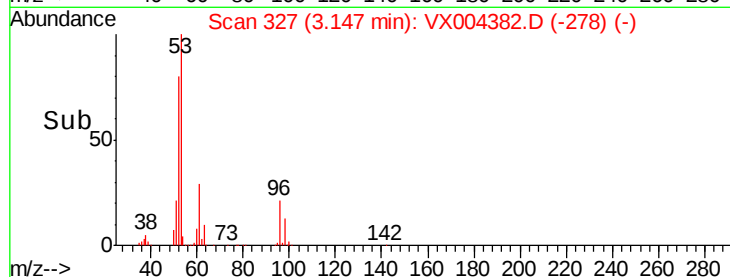
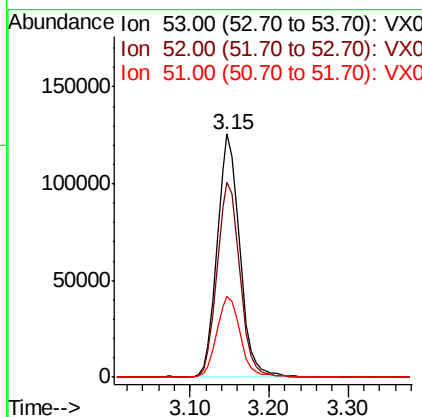
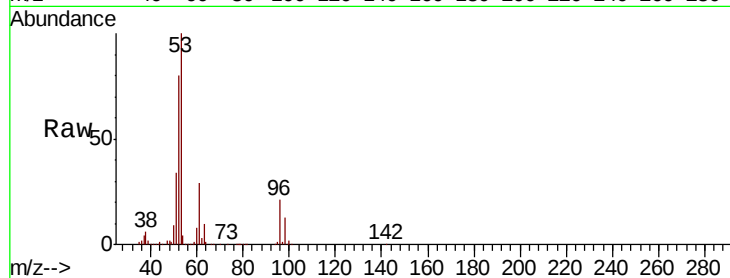
ClientSampleId :

VX0906WBS01

Tot Ion:	53	Resp:	249945
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.2	97.8
51	34.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 110.47 ug/l

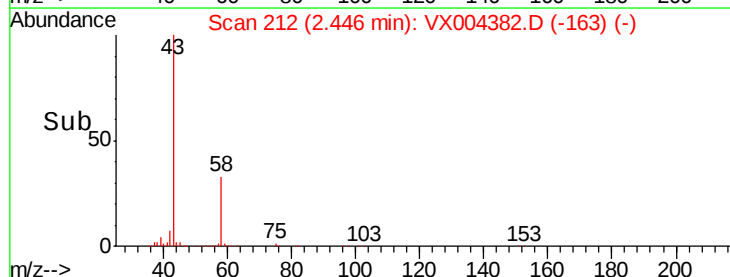
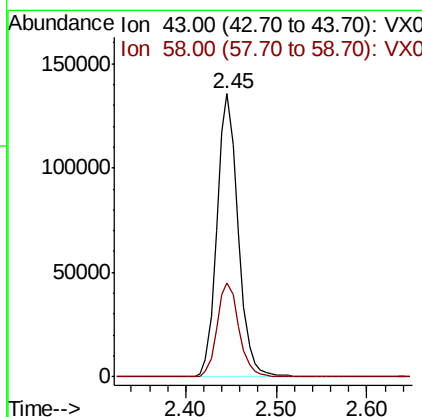
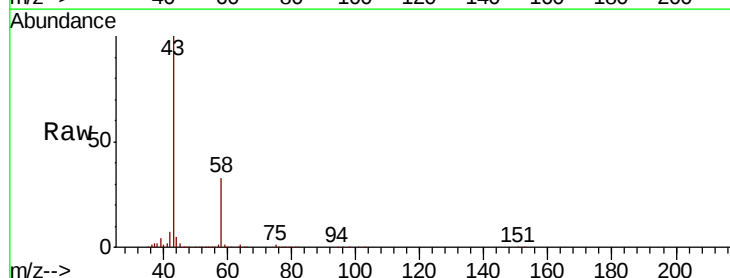
RT: 2.45 min Scan# 212

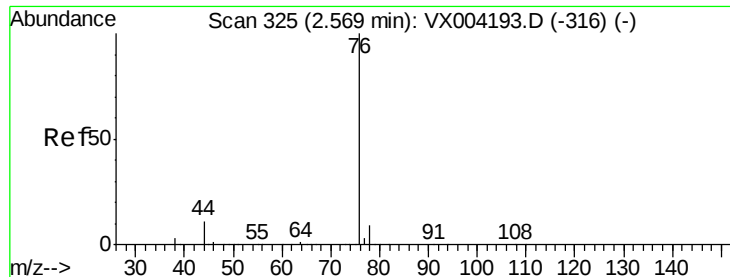
Delta R.T. 0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	43	Resp:	220715
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.2	39.4





#17

Carbon Disulfide

Concen: 16.25 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 76 Resp: 166714

Ion Ratio Lower Upper

76 100

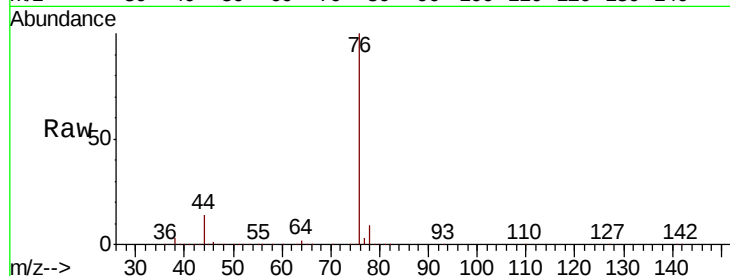
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

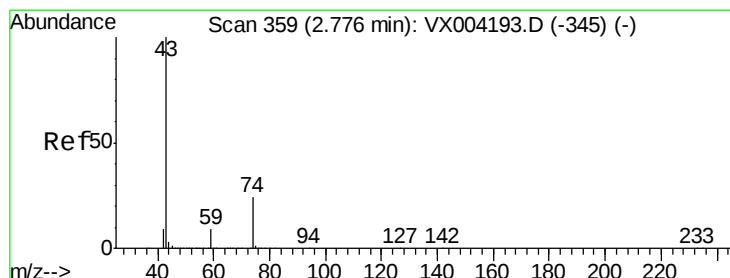
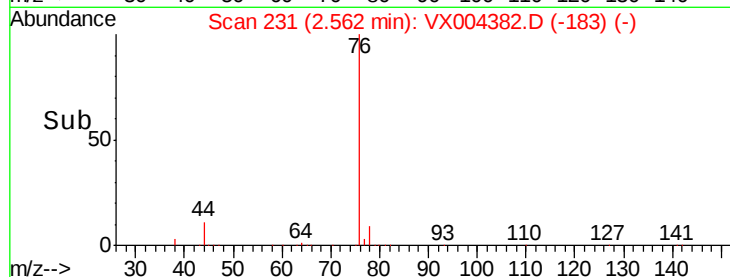
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 25.73 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004382.D

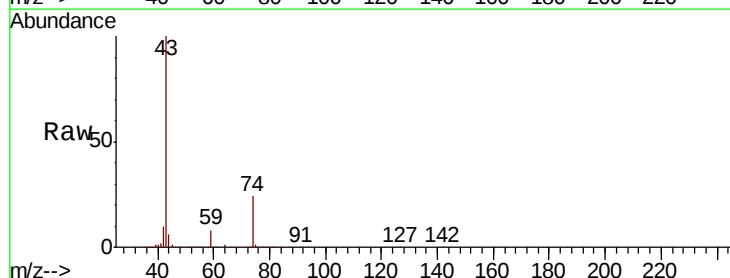
Acq: 06 Sep 2018 13:58

Tgt Ion: 43 Resp: 179560

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

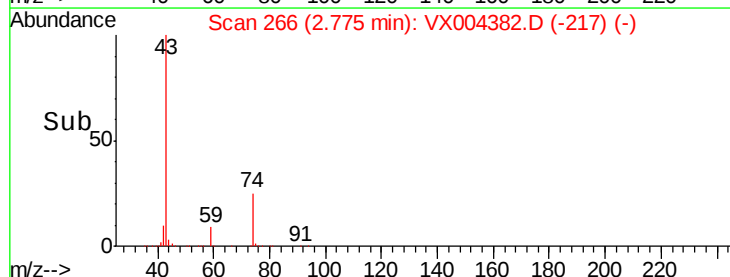
60000

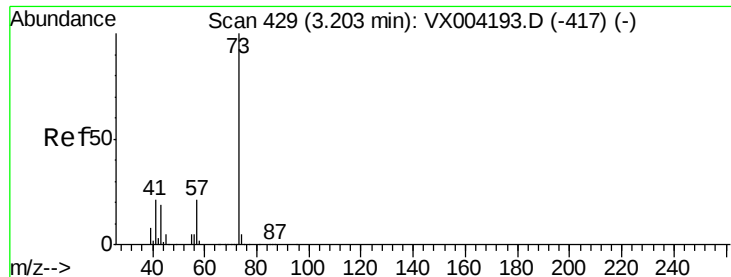
40000

20000

0

Time-->





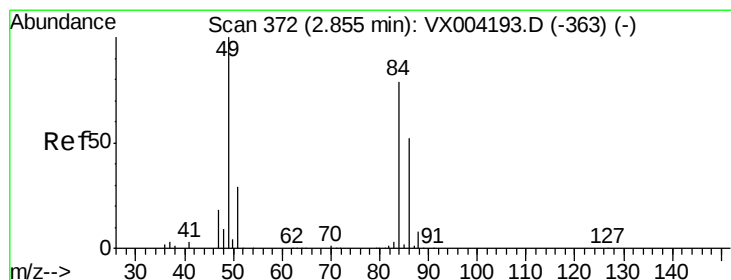
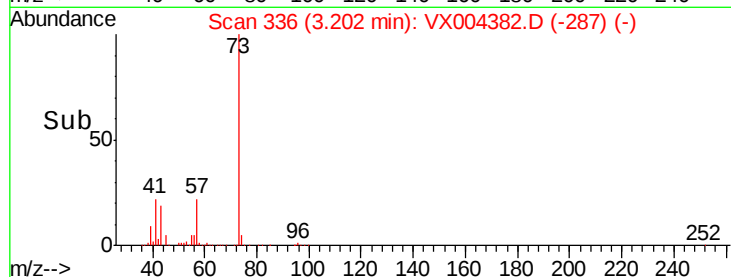
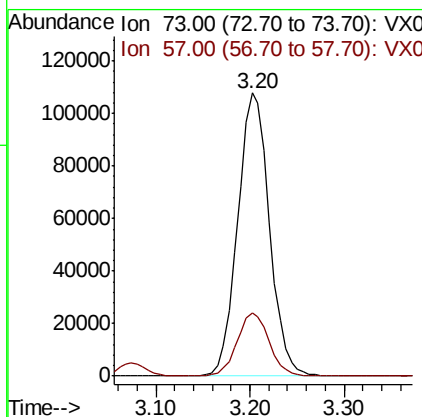
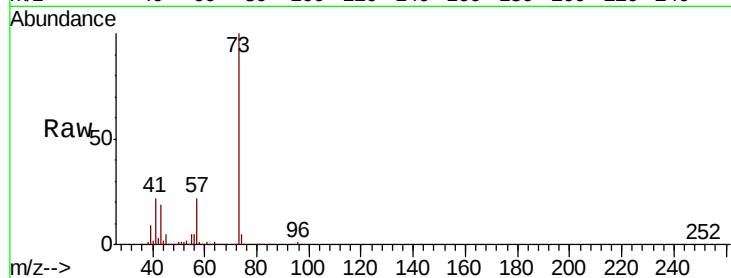
#19
Methyl tert-butyl Ether
Concen: 20.12 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion: 73 Resp: 253408
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

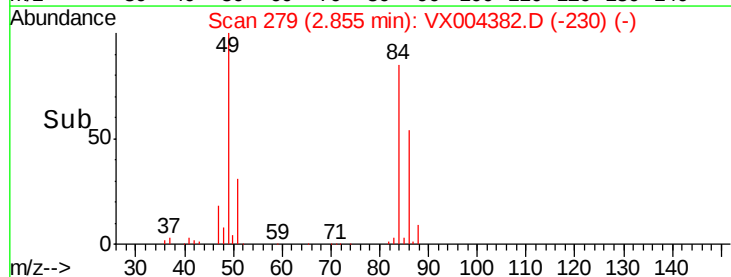
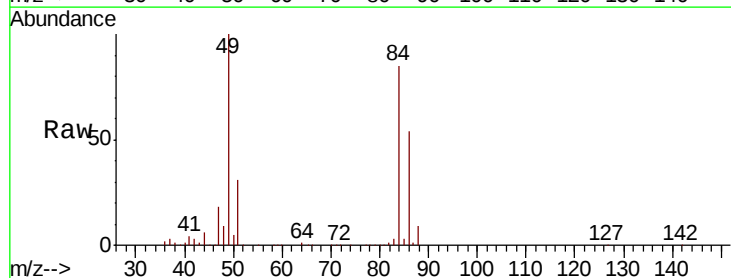
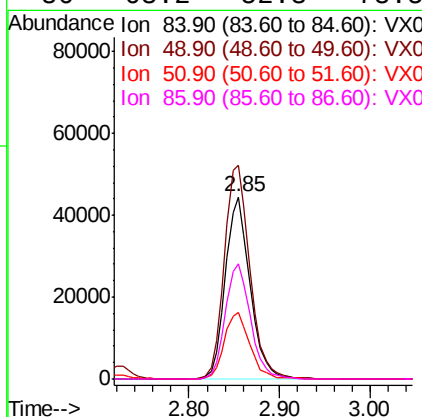
Manual Integrations
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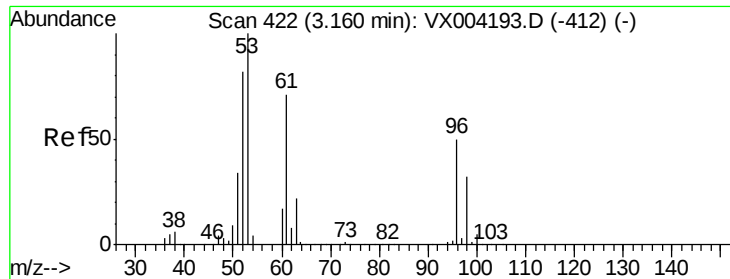
MMDadoda
9/7/2018 1:42:54 PM



#20
Methylene Chloride
Concen: 18.68 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 84 Resp: 84550
Ion Ratio Lower Upper
84 100
49 117.1 101.2 151.8
51 36.4 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.99 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

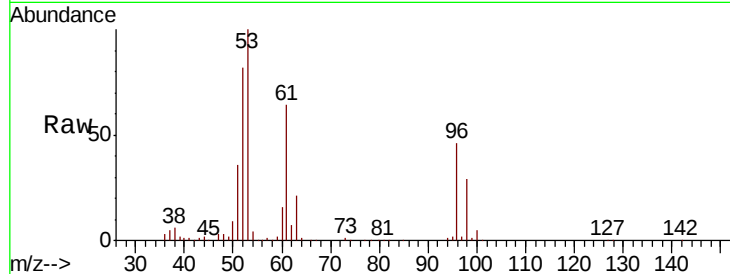
ClientSampleId :

VX0906WBS01

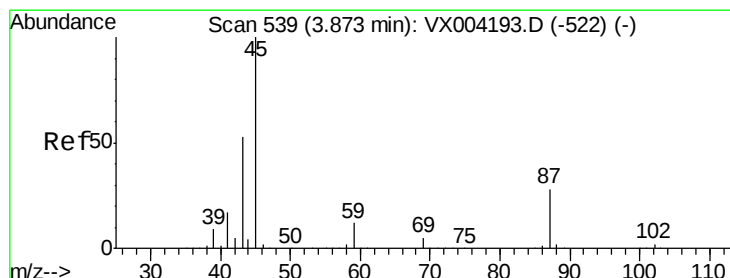
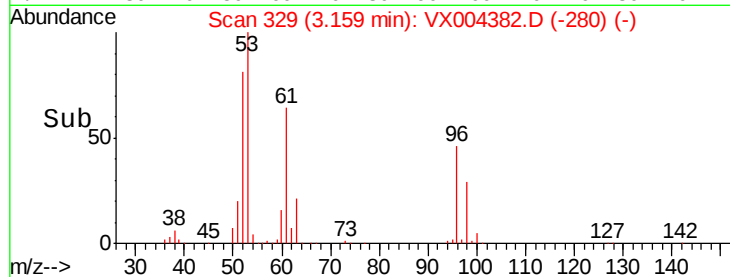
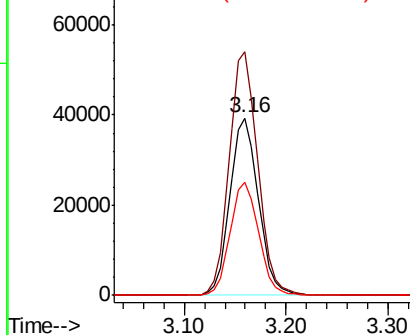
Tot Ion:	96	Resp:	76113
Ion	Ratio	Lower	Upper
96	100		
61	137.3	113.8	170.6
98	63.5	51.8	77.8

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



#22

Diisopropyl ether

Concen: 19.42 ug/l

RT: 3.87 min Scan# 446

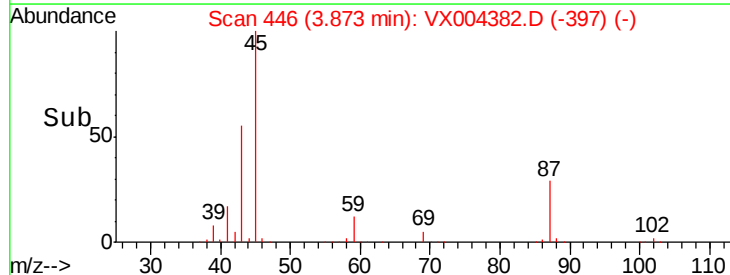
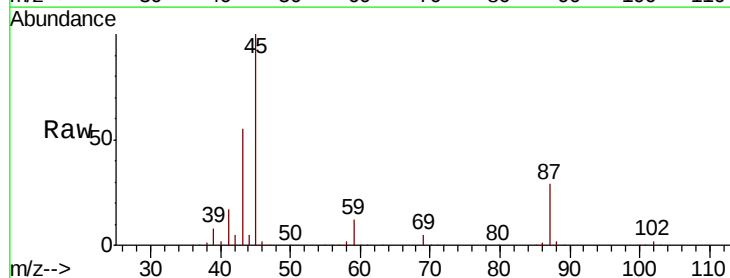
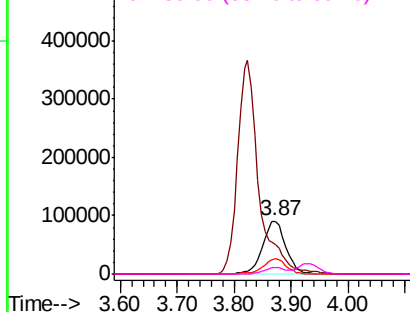
Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	45	Resp:	254572
Ion	Ratio	Lower	Upper
45	100		
43	54.6	42.8	64.2
87	28.7	22.6	34.0
59	12.3	9.6	14.4

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.36 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 43 Resp: 960229

Ion Ratio Lower Upper

43 100

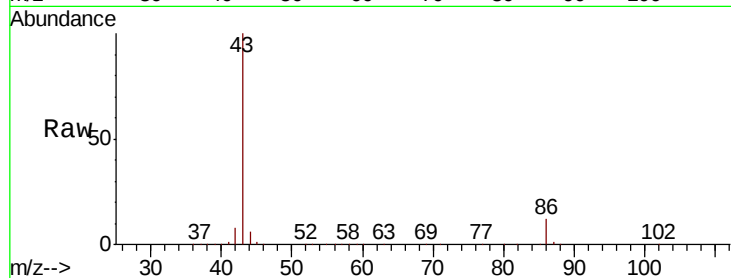
86 12.1 8.9 13.3

Manual Integrations

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9/7/2018 1:42:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

200000

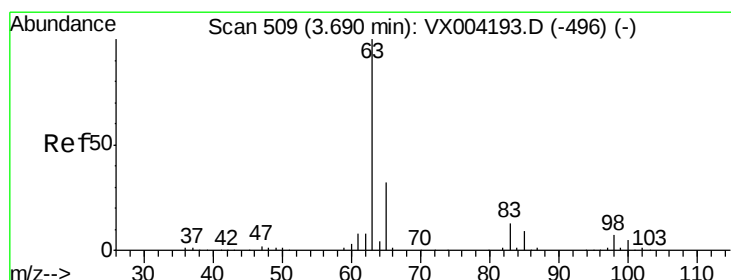
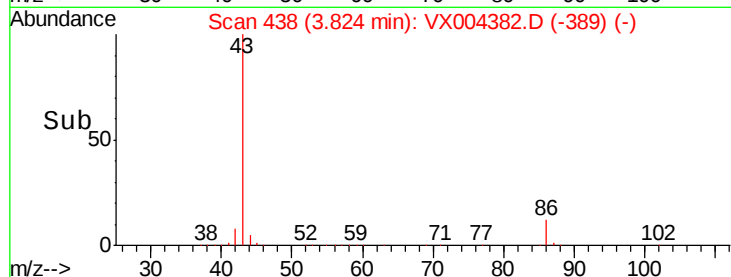
100000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.40 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

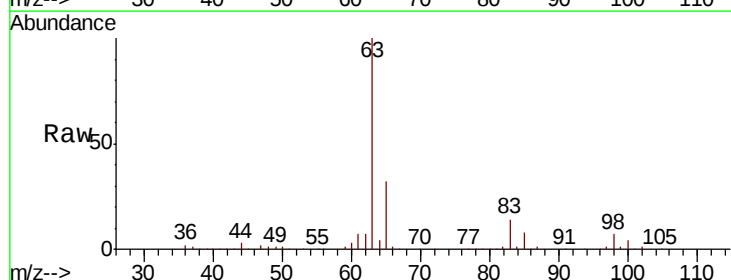
Tgt Ion: 63 Resp: 148219

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

40000

20000

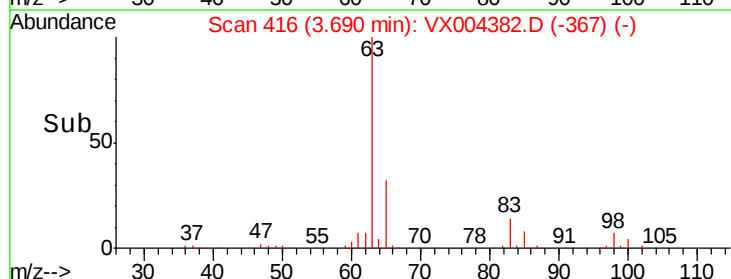
0

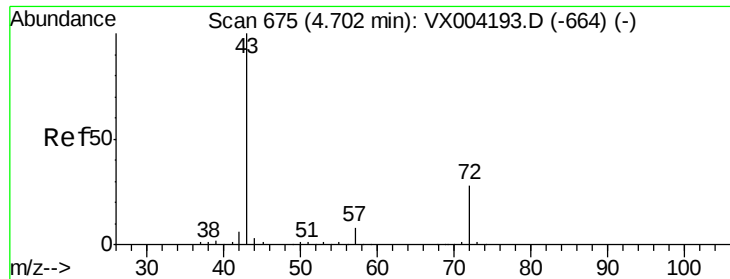
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 103.05 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

Tot Ion: 43 Resp: 329987

Ion Ratio Lower Upper

43 100

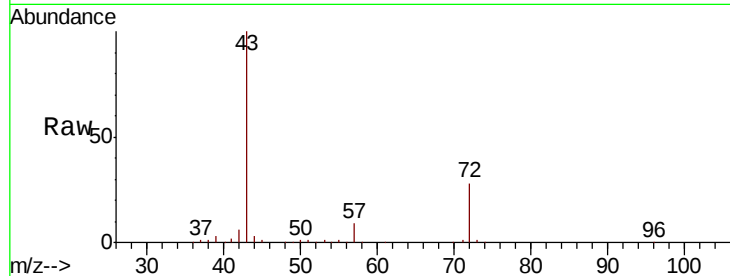
72 28.5 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

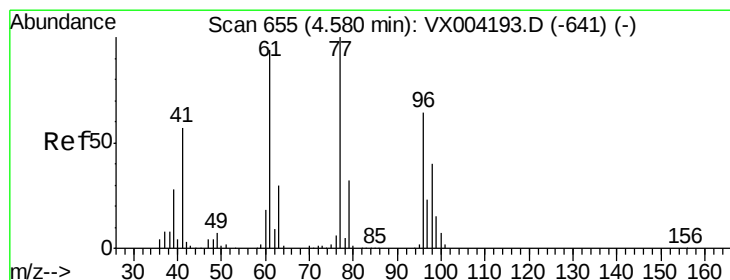
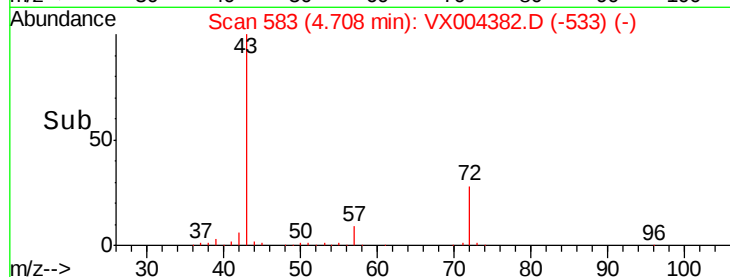
4.71

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.18 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004382.D

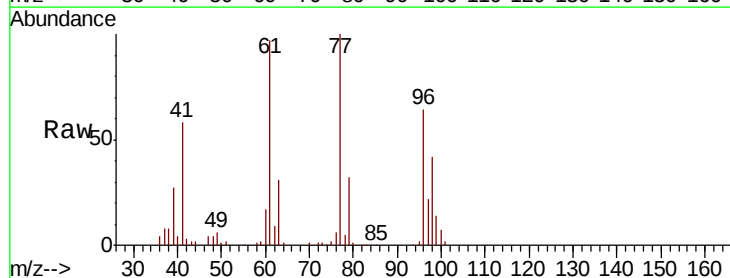
Acq: 06 Sep 2018 13:58

Tgt Ion: 77 Resp: 114962

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

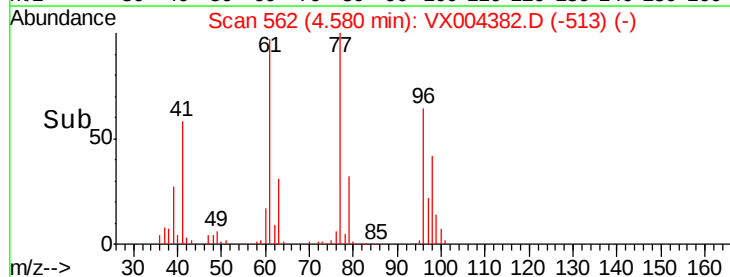
30000

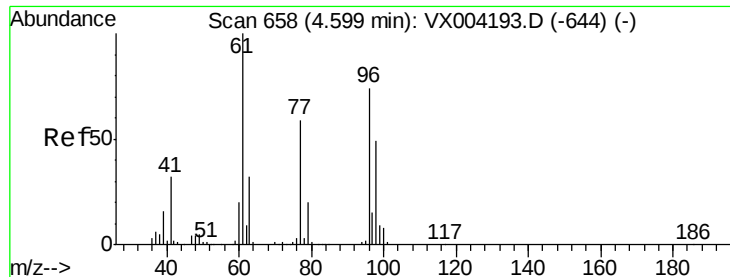
20000

10000

0

Time-->





#27

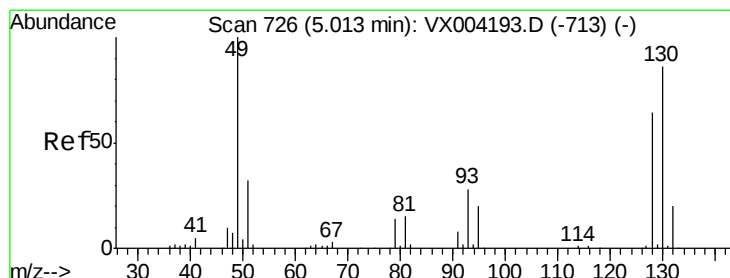
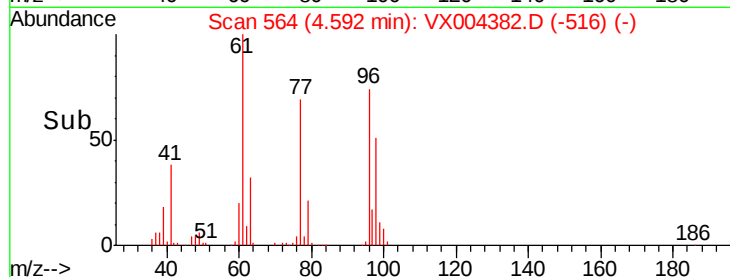
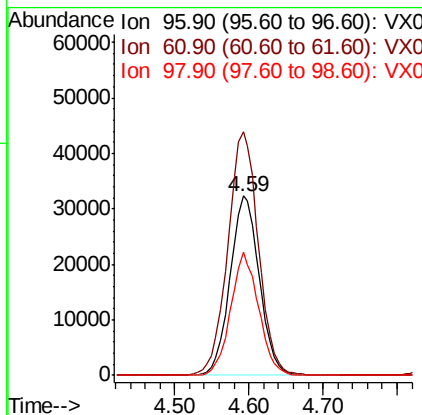
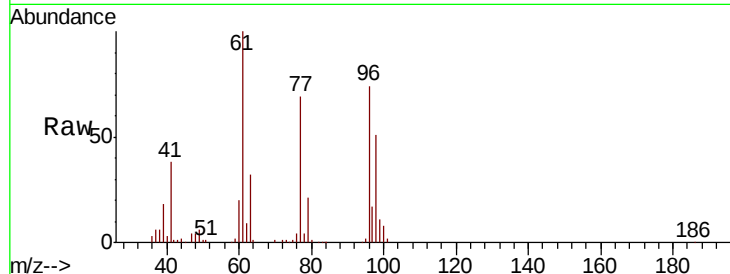
cis-1,2-Dichloroethene
 Concen: 18.54 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	282.6
98	65.4	0.0	130.2

Manual Integrations
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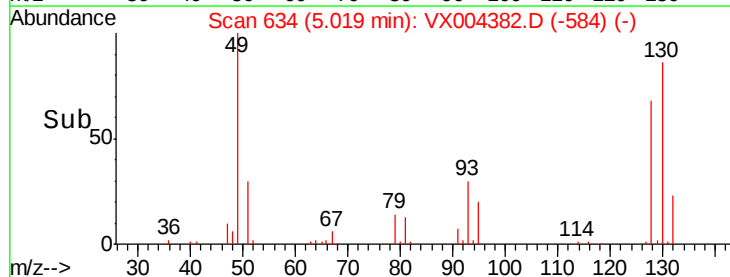
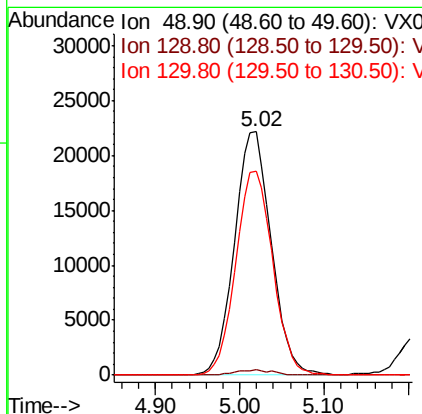
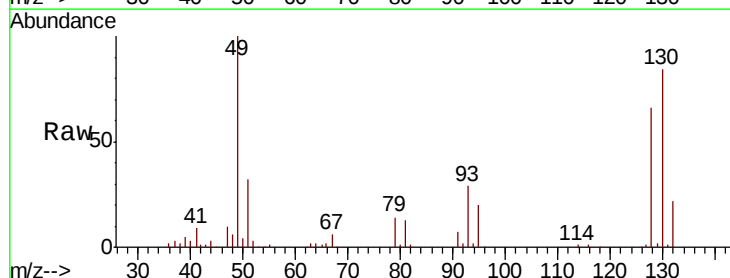
MMDadoda
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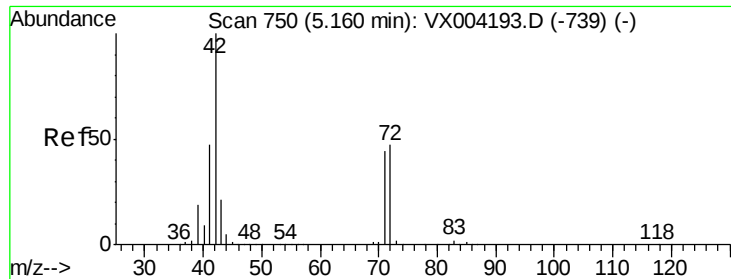


#28

Bromochloromethane
 Concen: 19.38 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	84.1	67.5	101.3





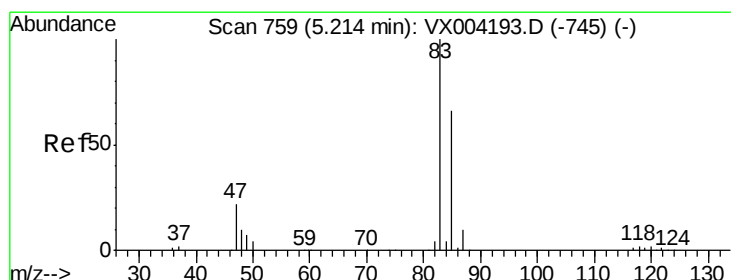
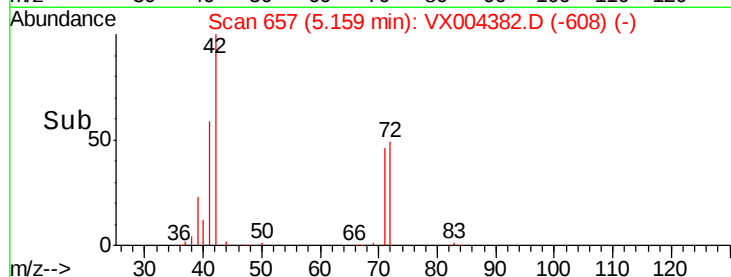
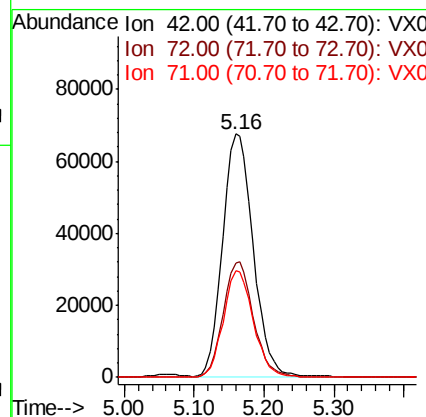
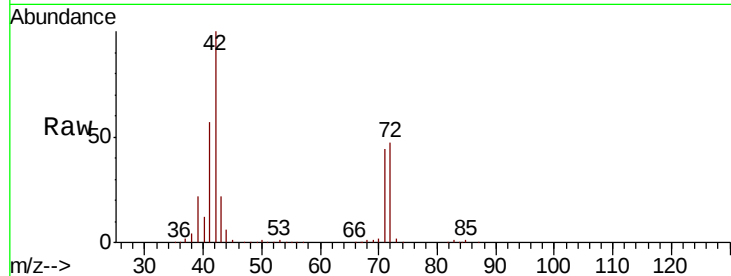
#29
Tetrahydrofuran
Concen: 101.32 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.4	56.0
71	43.2	34.5	51.7

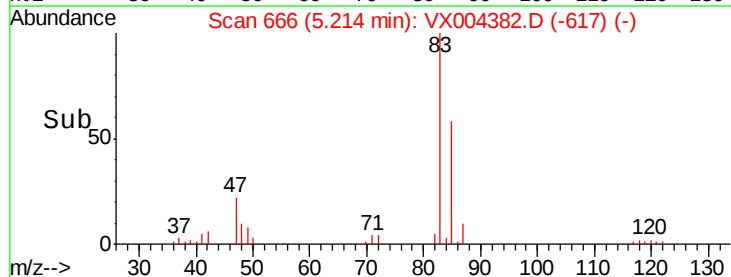
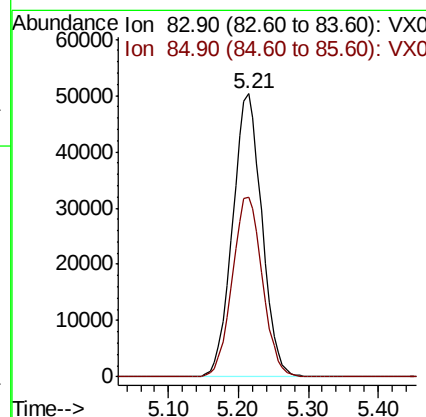
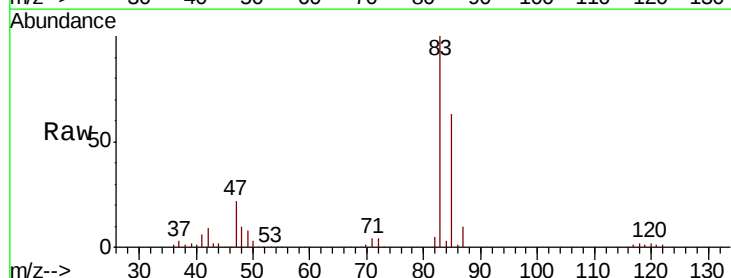
Manual Integrations
APPROVED

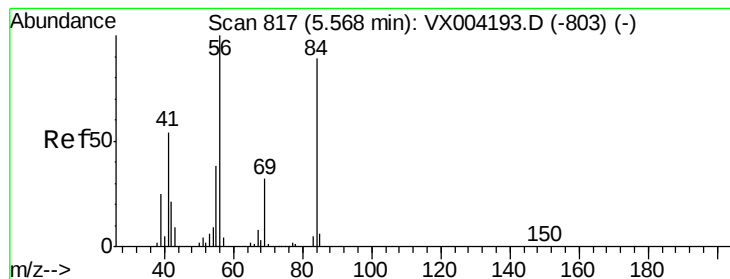
MMDadoda
9/7/2018 1:42:54 PM



#30
Chloroform
Concen: 19.10 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	79.0





#31

Cyclohexane

Concen: 17.85 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

Tot Ion: 56 Resp: 117718

Ion Ratio Lower Upper

56 100

69 29.0 25.4 38.2

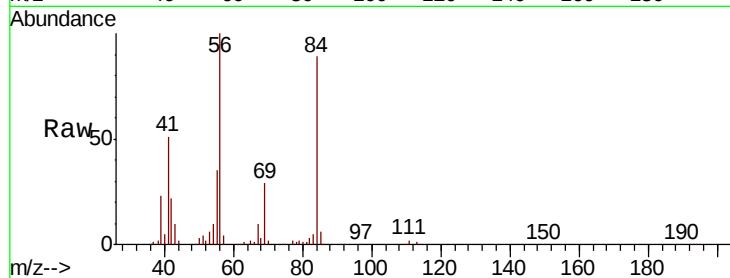
84 87.1 71.4 107.2

Manual Integrations

APPROVED

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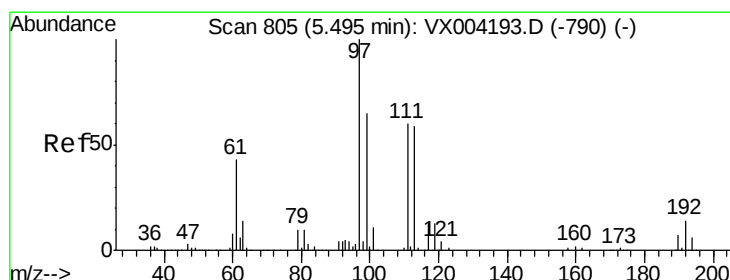
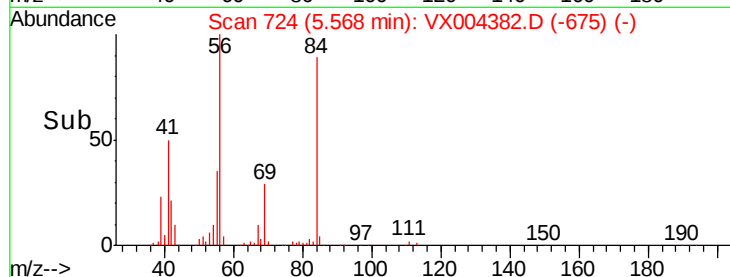
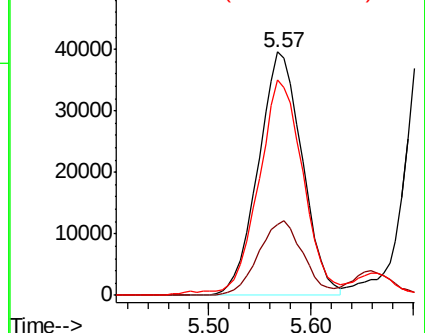
9/7/2018 1:42:54 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.98 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

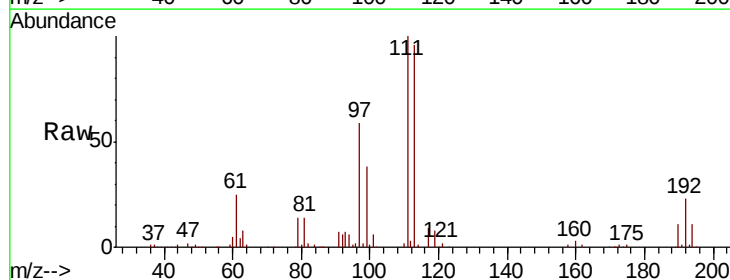
Tgt Ion: 97 Resp: 121235

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

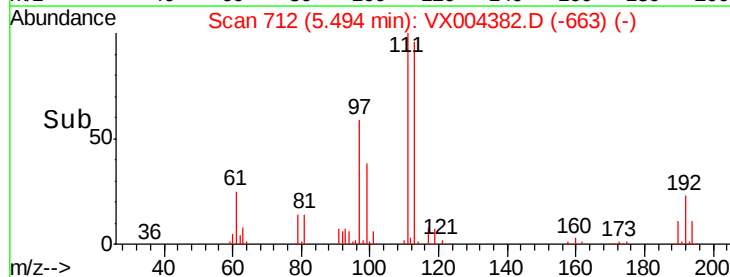
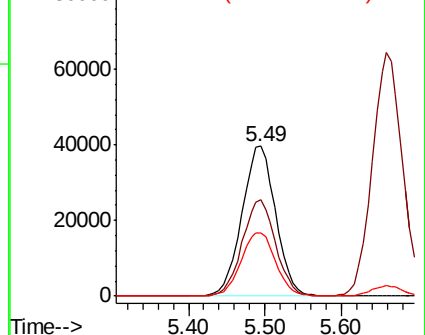
61 43.6 34.9 52.3

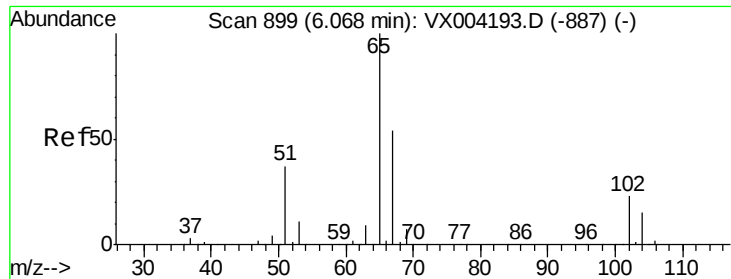


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





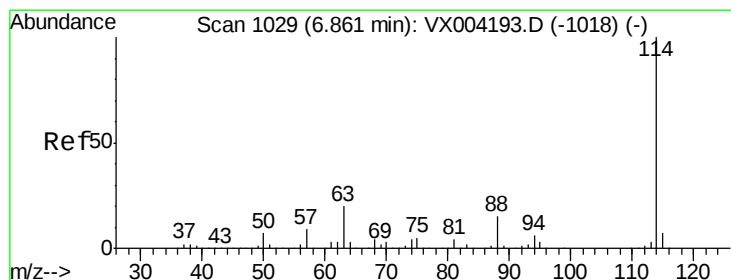
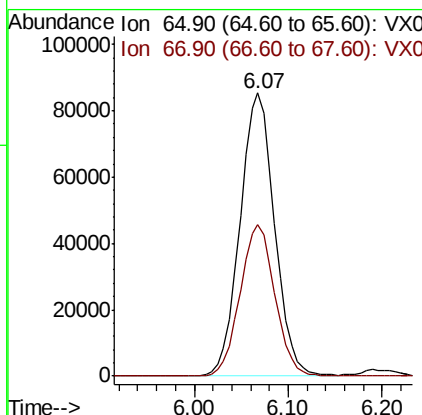
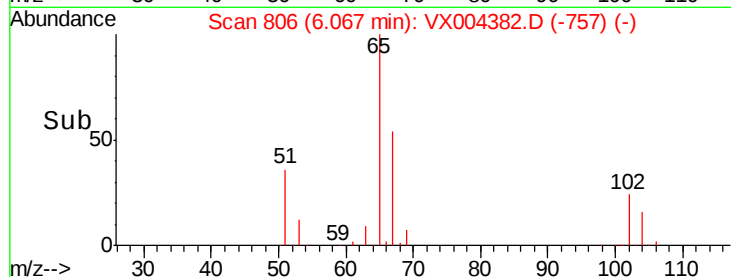
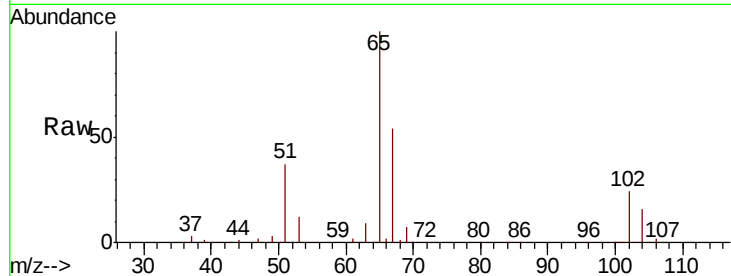
#33
 1,2-Dichloroethane-d4
 Concen: 46.55 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218893		
67	53.9	0.0	106.8	

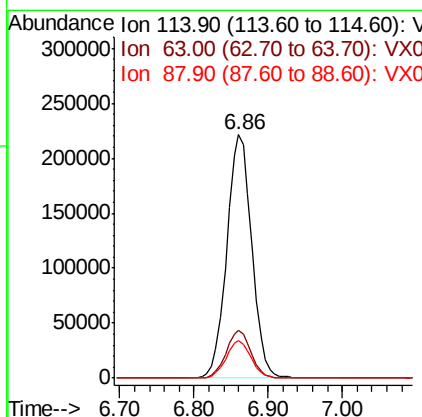
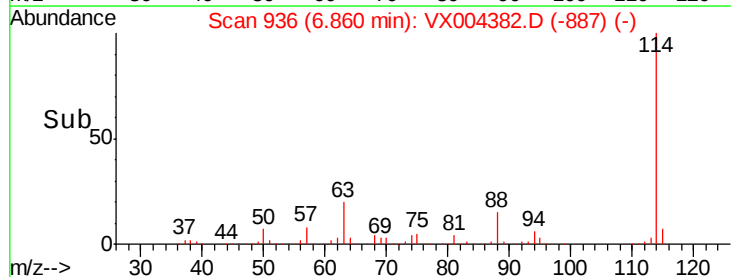
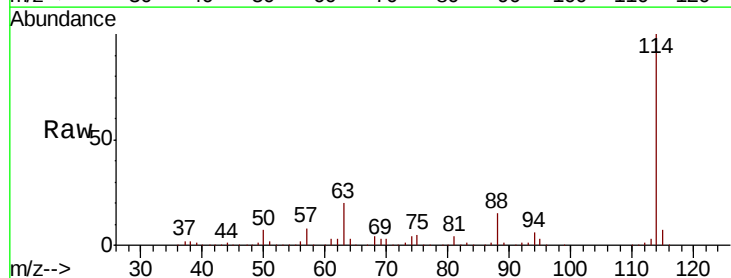
Manual Integrations
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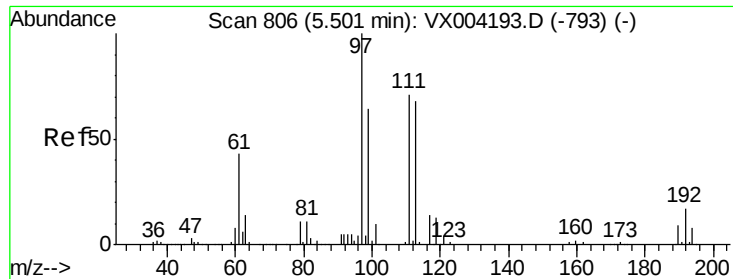
MMDadoda
 9/7/2018 1:42:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519211		
63	19.7	0.0	39.0	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.48 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

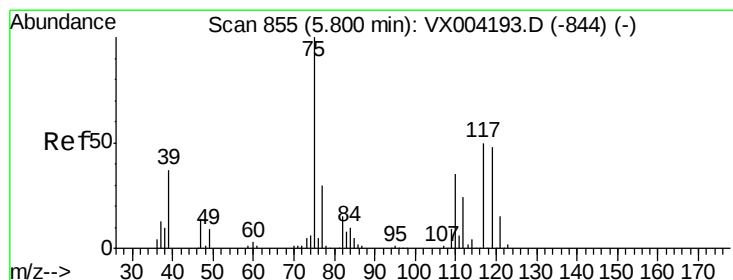
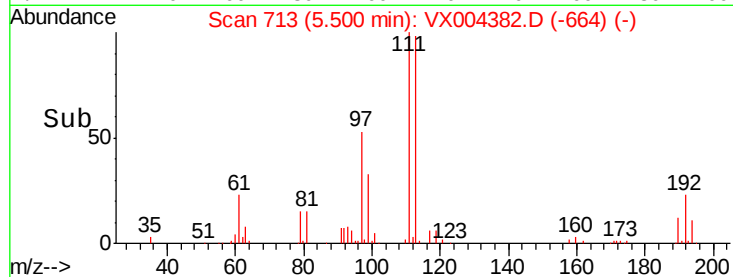
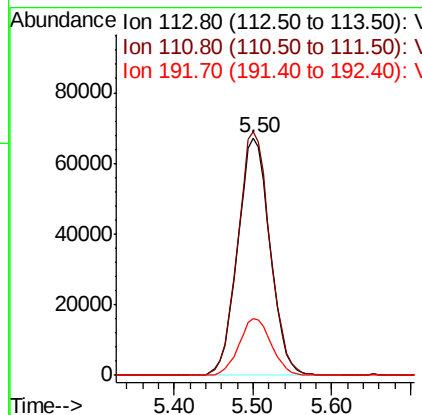
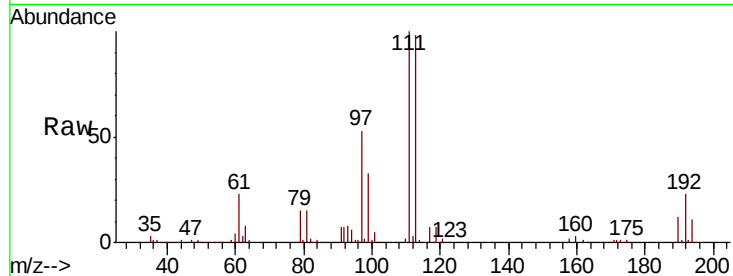
ClientSampleId :

VX0906WBS01

Tot Ion:	113	Resp:	191109
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.4	123.6
192	24.1	19.4	29.2

Manual Integrations
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9/7/2018 1:42:54 PM



#36

1,1-Dichloropropene

Concen: 17.94 ug/l

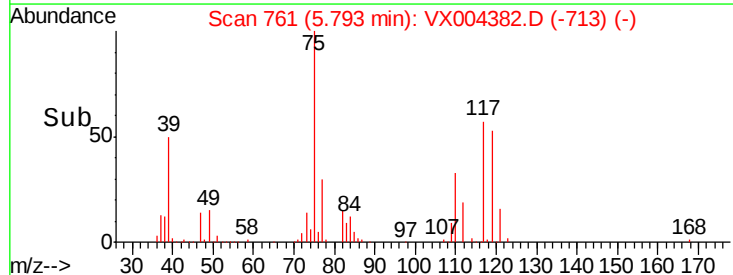
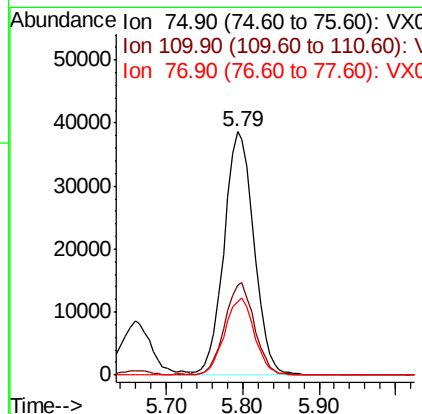
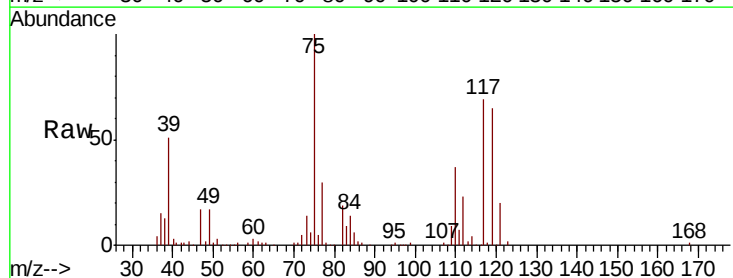
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	75	Resp:	104717
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.0	54.0
77	31.4	24.6	36.8





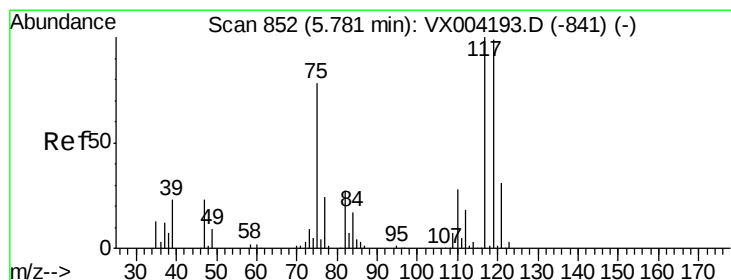
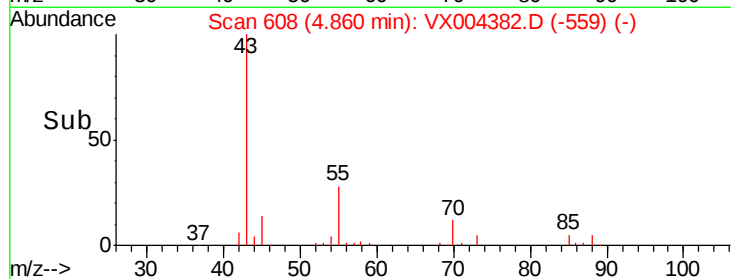
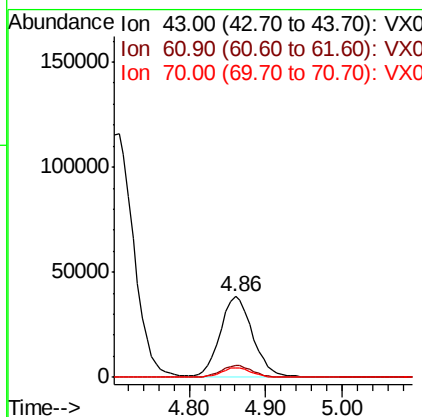
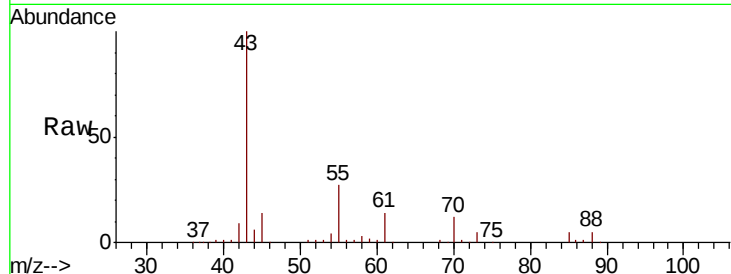
#37
Ethyl Acetate
Concen: 19.64 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	11.4	9.0	13.6

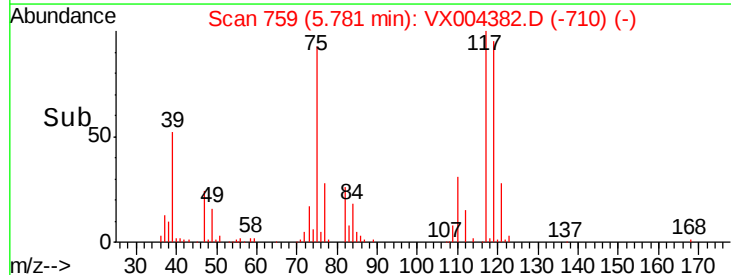
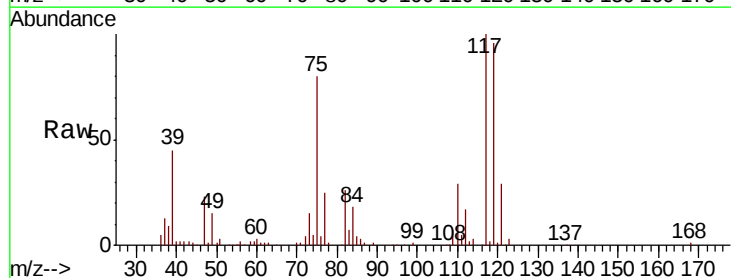
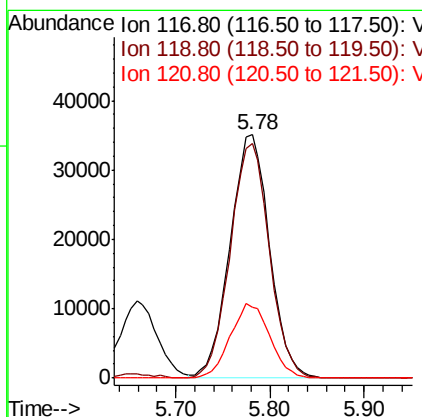
Manual Integrations
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9/7/2018 1:42:54 PM



#38
Carbon Tetrachloride
Concen: 18.58 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.8	118.2
121	29.1	24.9	37.3





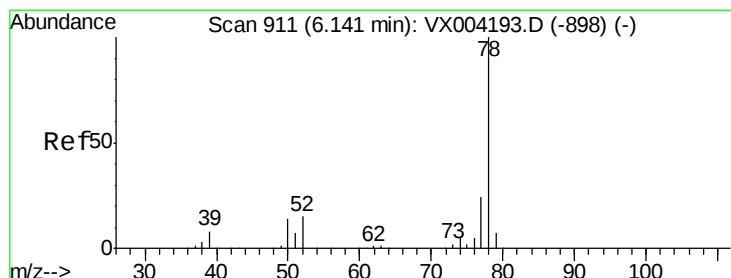
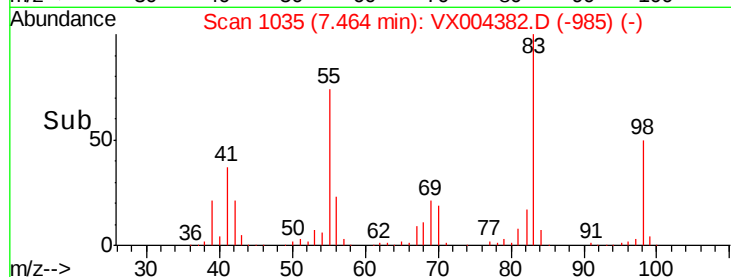
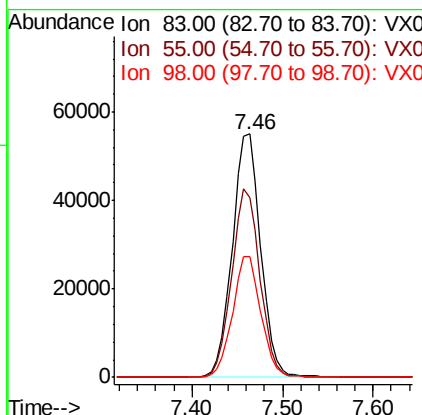
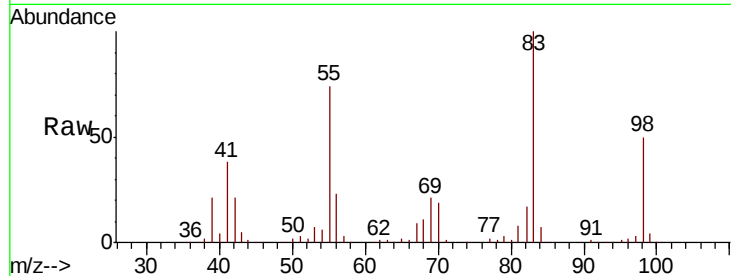
#39
Methylvlcyclohexane
Concen: 17.98 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.8	61.0	91.4	
98	49.8	39.6	59.4	

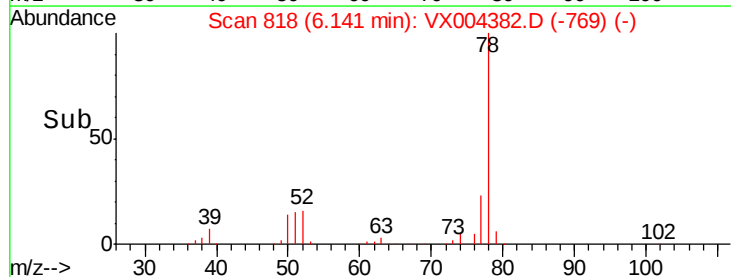
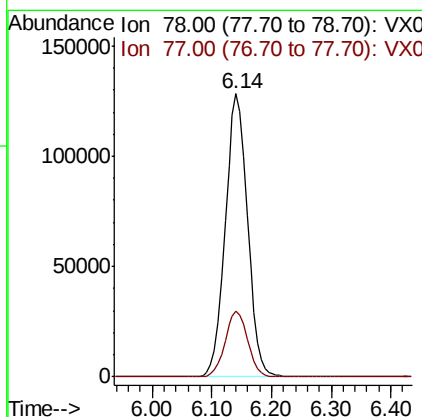
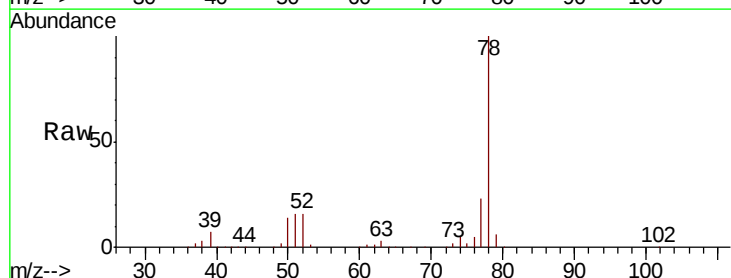
Manual Integrations
APPROVED

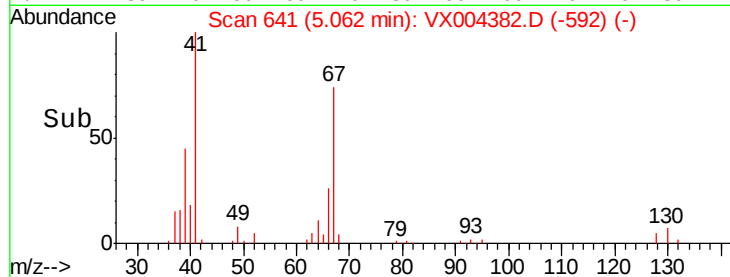
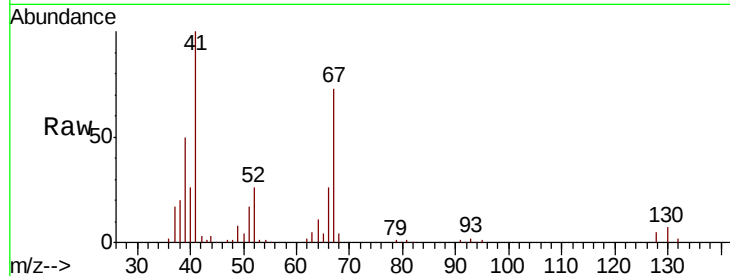
MMDadoda
9/7/2018 1:42:54 PM



#40
Benzene
Concen: 19.11 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	19.0	28.4	





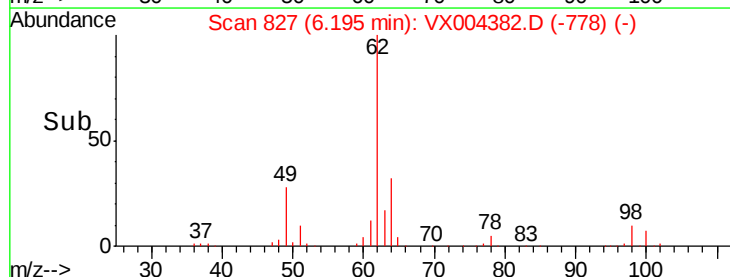
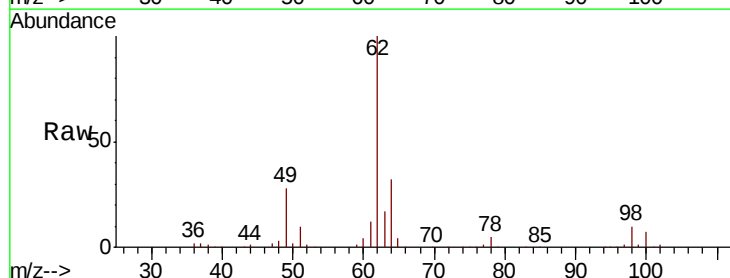
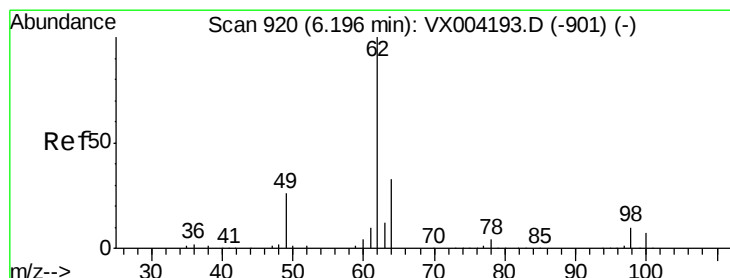
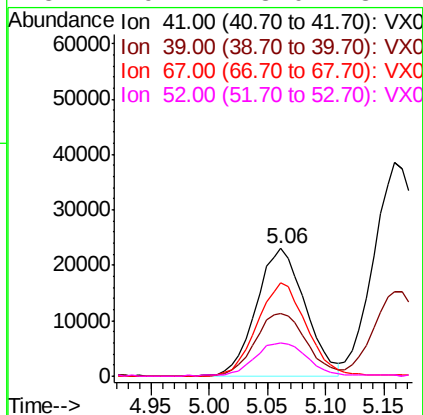
#41
Methacrylonitrile
Concen: 20.19 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	42.4	63.6	
67	74.1	59.2	88.8	
52	29.2	23.0	34.4	

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

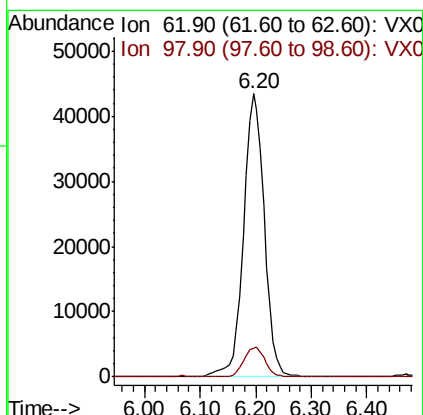
Manual Integrations
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MMDadoda
9/7/2018 1:42:54 PM



#42
1,2-Dichloroethane
Concen: 18.95 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.6	





#43

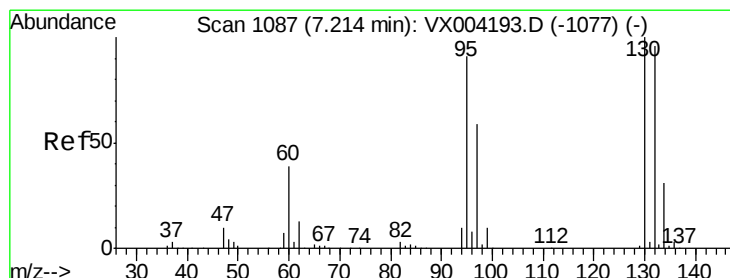
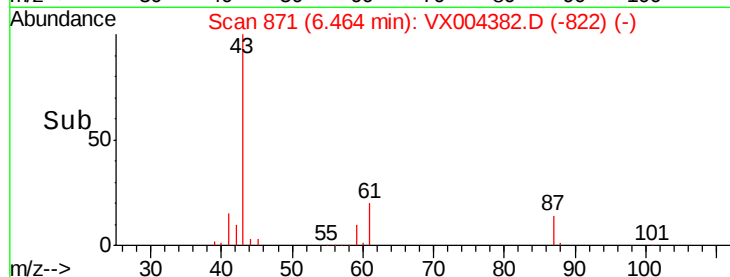
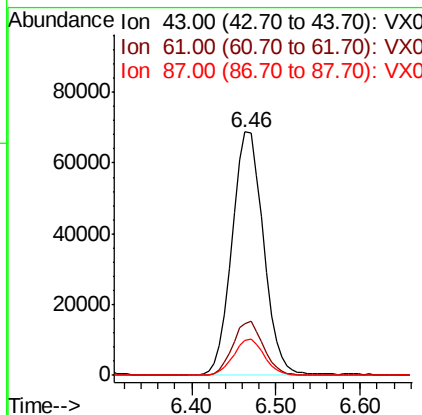
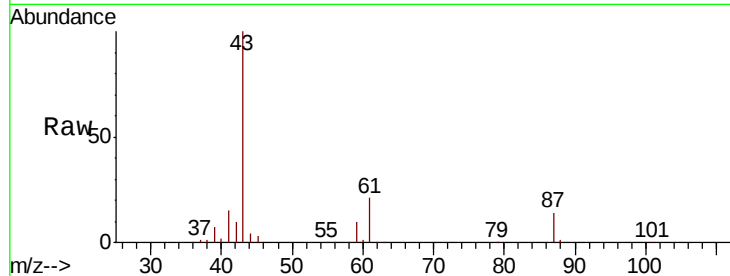
Isopropyl Acetate
 Concen: 19.61 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	14.5	11.4	17.2

Manual Integrations
 APPROVED

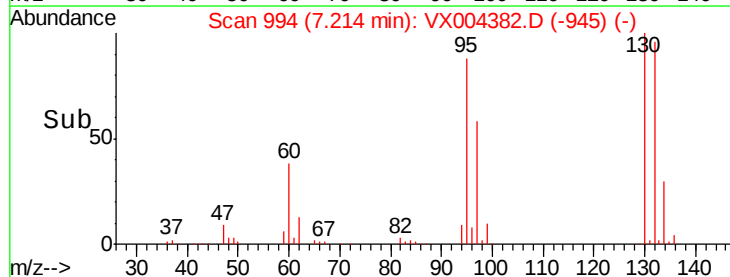
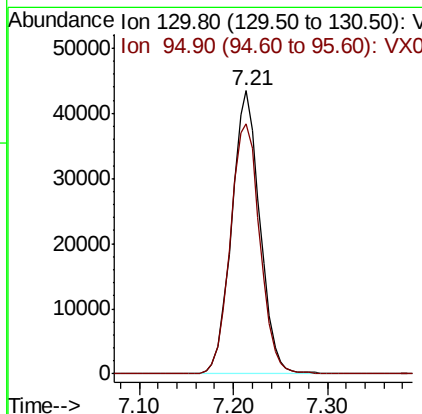
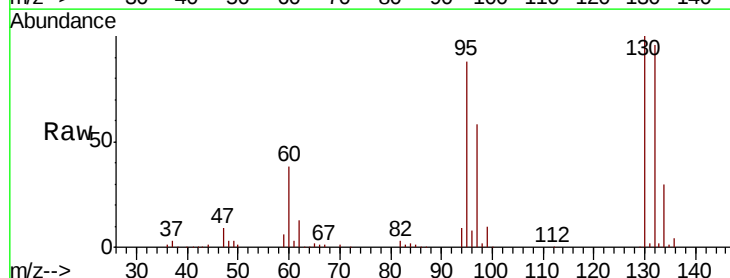
MMDadoda
 9/7/2018 1:42:54 PM

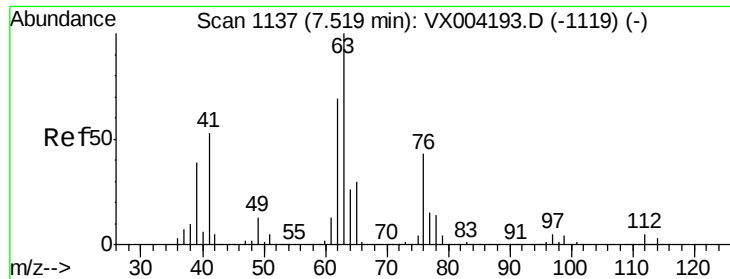


#44

Trichloroethene
 Concen: 18.66 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	181.6





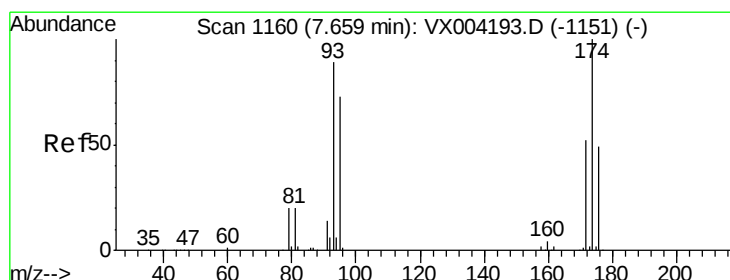
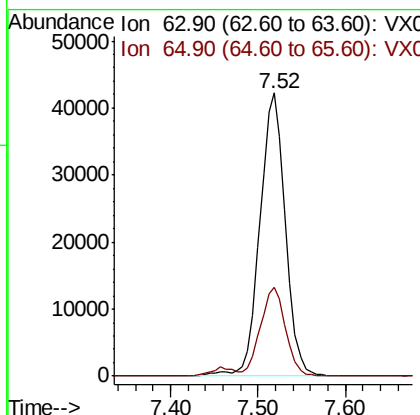
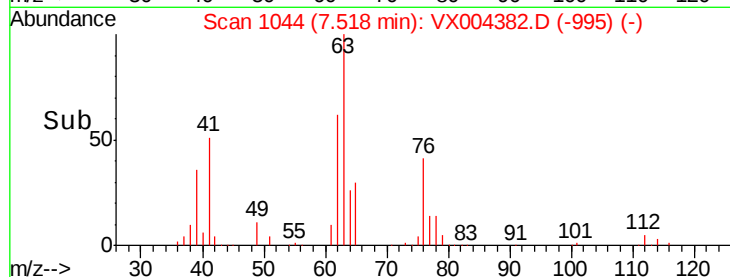
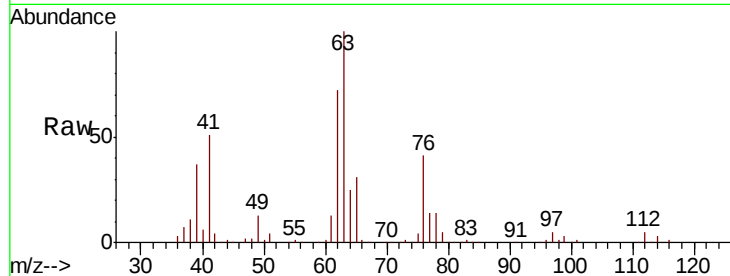
#45
 1,2-Dichloropropane
 Concen: 19.67 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion: 63 Resp: 85863
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5

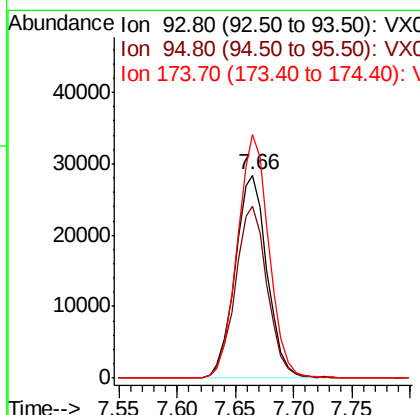
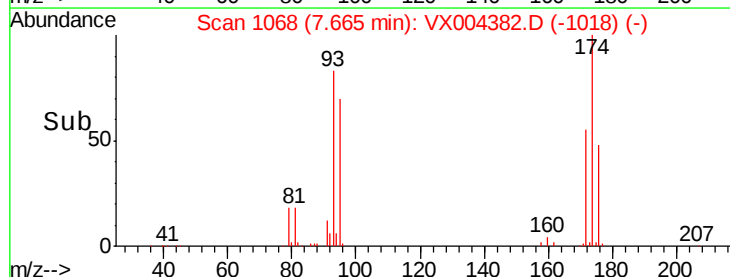
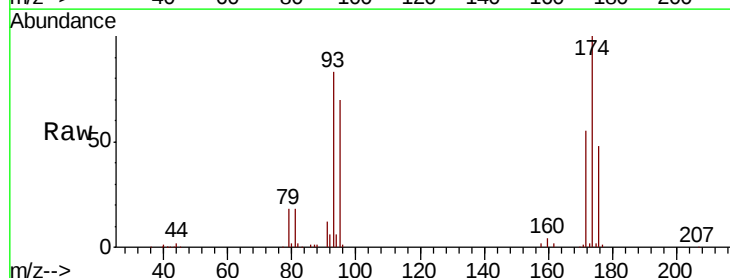
Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:54 PM



#46
 Dibromomethane
 Concen: 18.68 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 93 Resp: 54296
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.5 98.3
 174 119.0 94.2 141.4





#47

Bromodichloromethane

Concen: 19.24 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

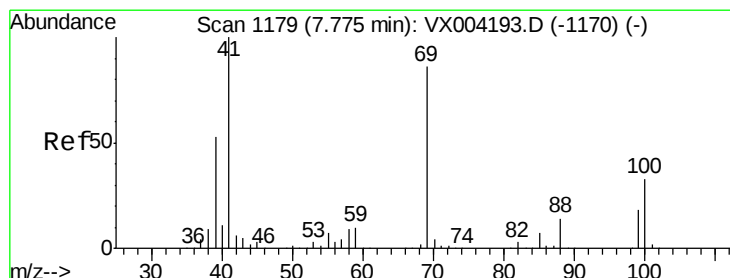
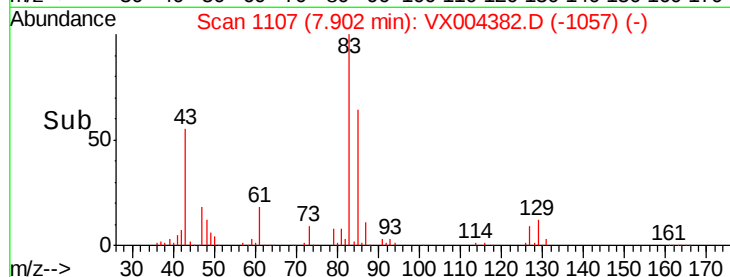
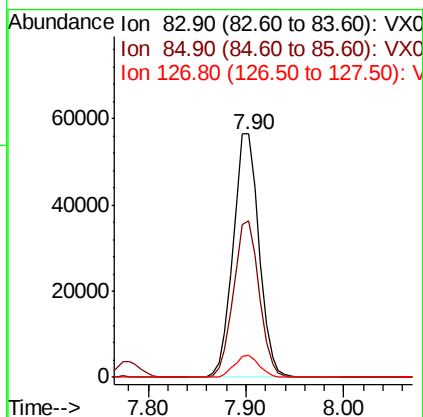
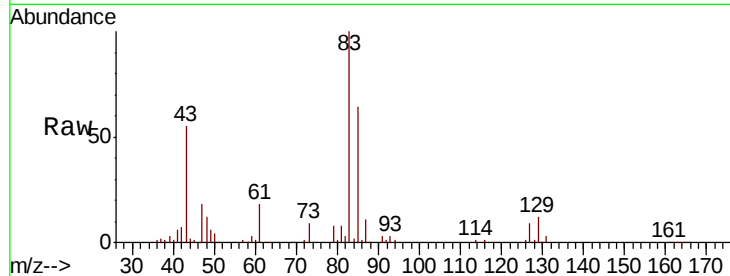
ClientSampleId :

VX0906WBS01

Tot Ion:	83	Resp:	104061
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
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MMDadoda
9/7/2018 1:42:54 PM



#48

Methyl methacrylate

Concen: 19.49 ug/l

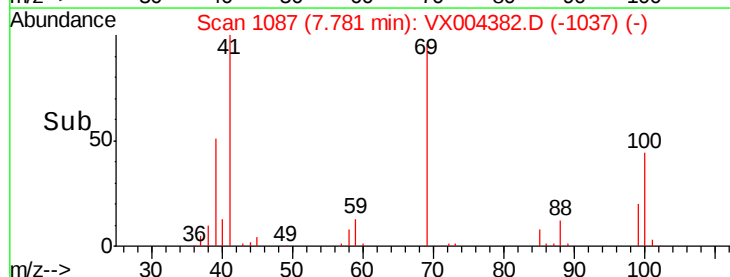
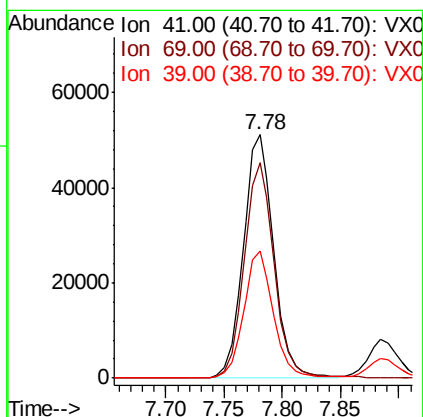
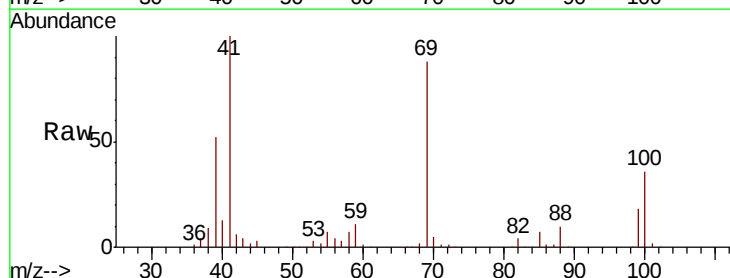
RT: 7.78 min Scan# 1087

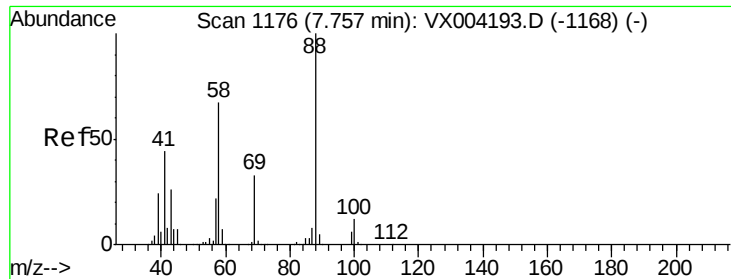
Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	41	Resp:	91995
Ion Ratio	Lower	Upper	
41	100		
69	88.5	70.2	105.4
39	51.1	42.7	64.1





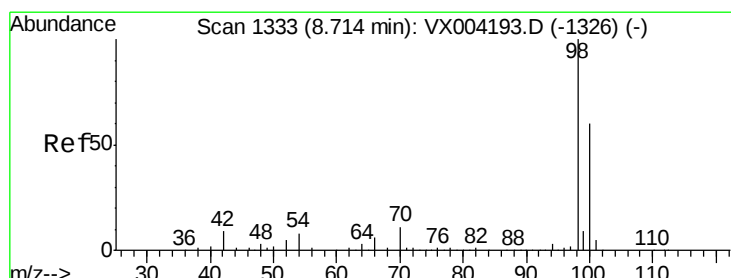
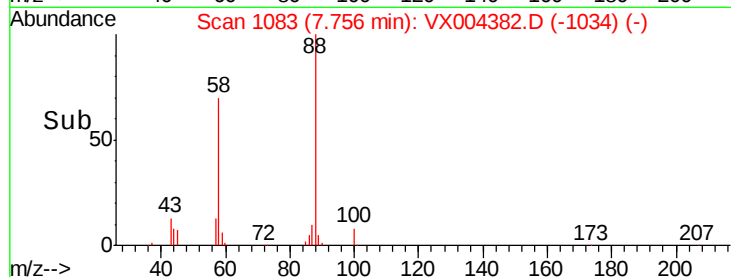
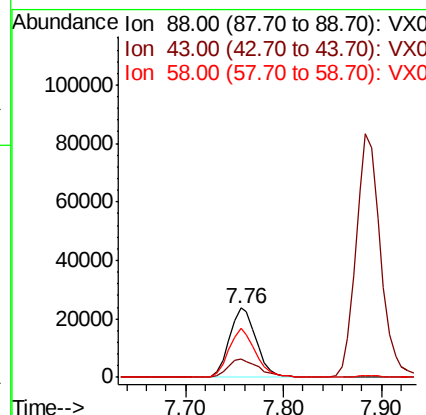
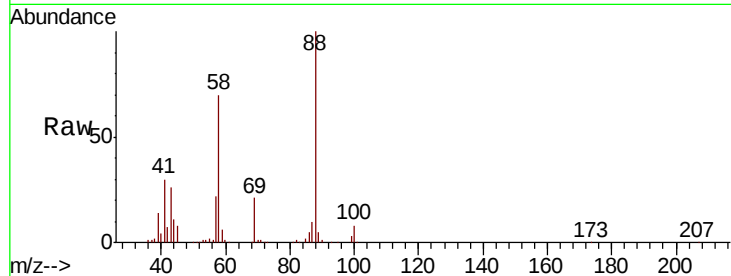
#49
1,4-Dioxane
Concen: 423.10 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	88	Resp	45342
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.7	37.1
58	69.0	55.3	82.9

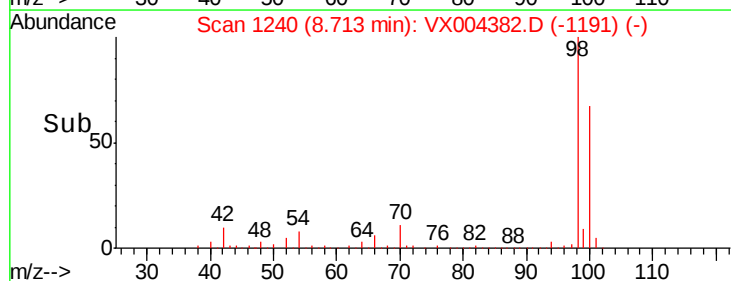
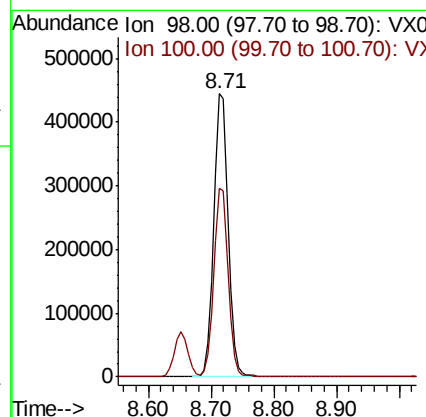
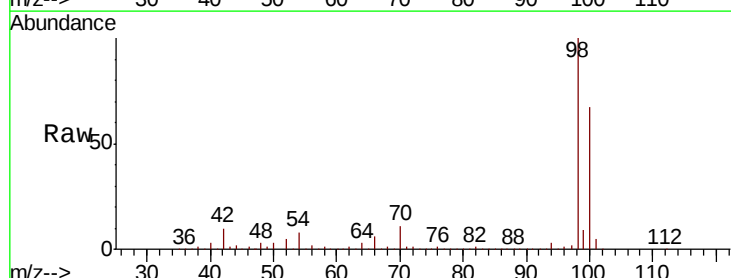
Manual Integrations
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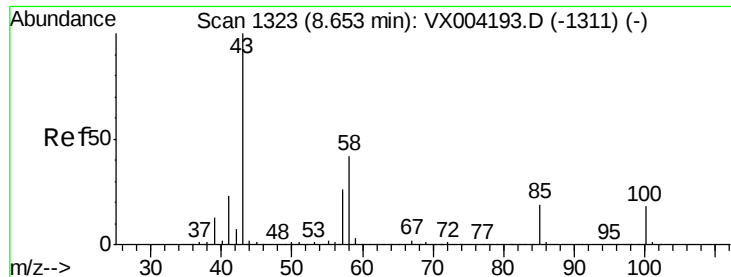
MMDadoda
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#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	98	Resp	705832
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 96.83 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 43 Resp: 620640

Ion Ratio Lower Upper

43 100

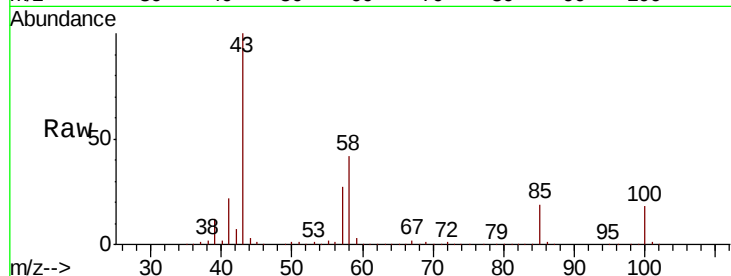
58 41.5 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

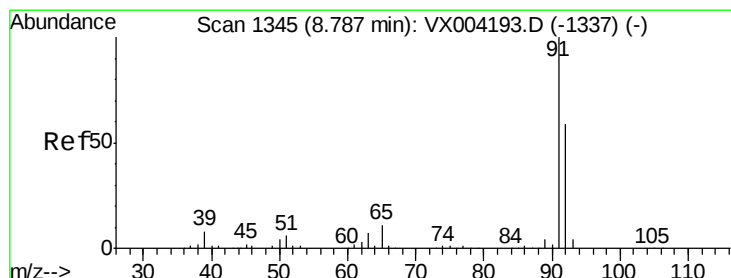
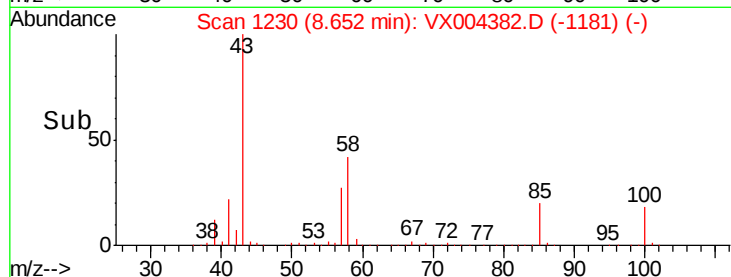
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.32 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004382.D

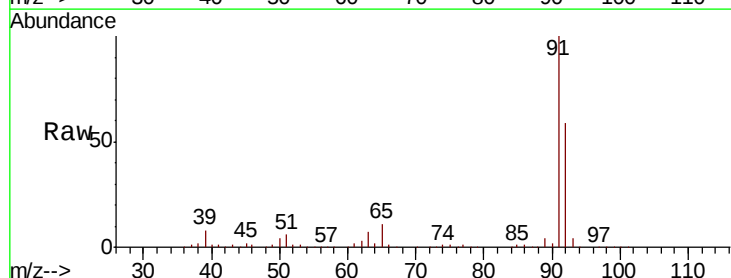
Acq: 06 Sep 2018 13:58

Tgt Ion: 92 Resp: 210887

Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

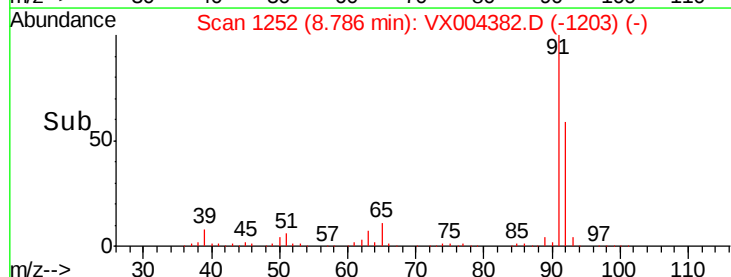
150000

100000

50000

0

Time--> 8.70 8.80 8.90 9.00





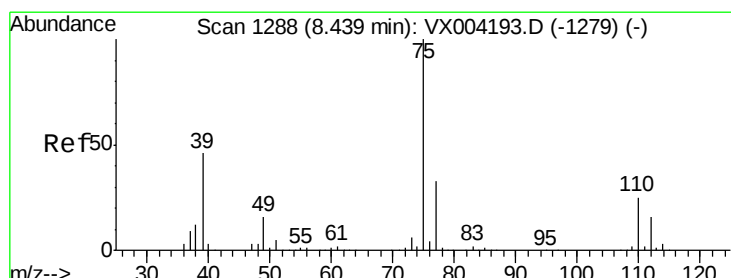
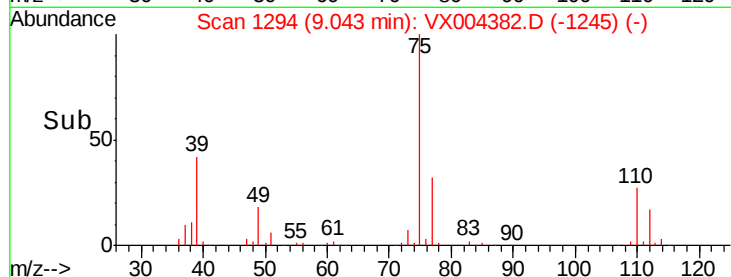
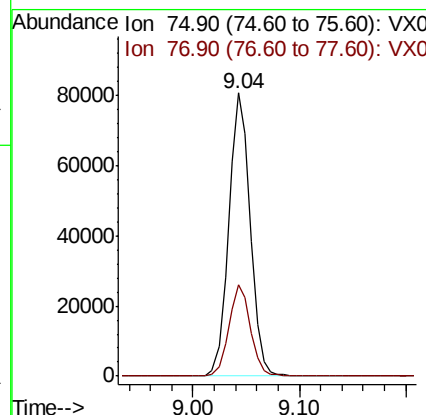
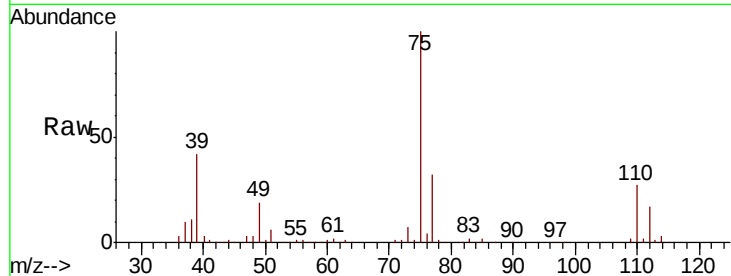
#53
 t-1,3-Dichloropropene
 Concen: 19.05 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion: 75 Resp: 113821
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0

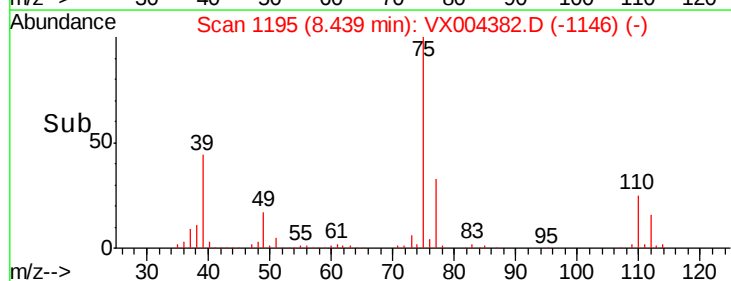
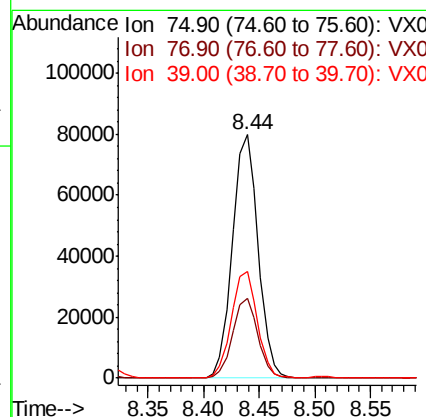
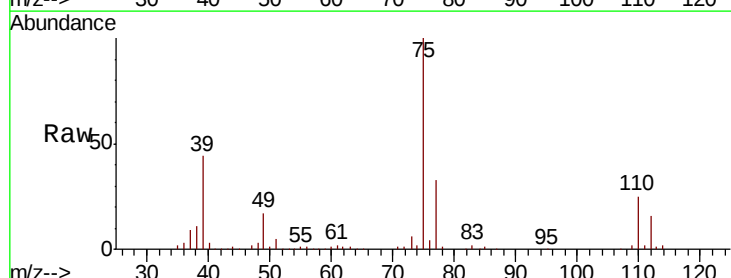
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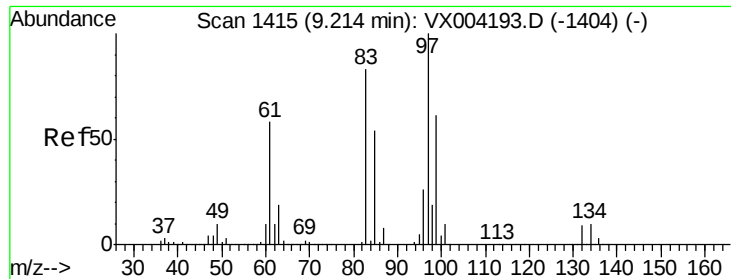
MMDadoda
 9/7/2018 1:42:54 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.62 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 75 Resp: 127671
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2
 39 43.9 36.4 54.6





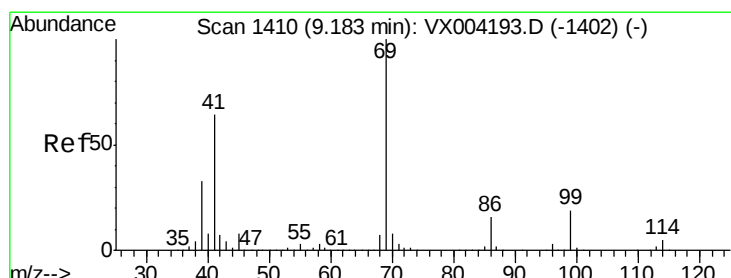
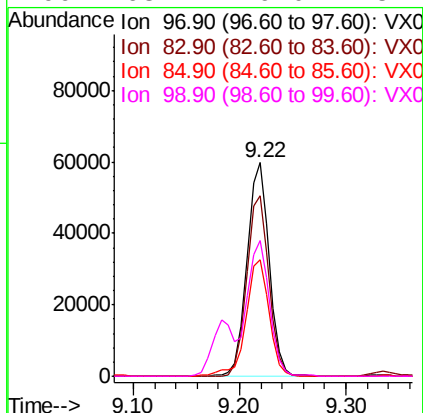
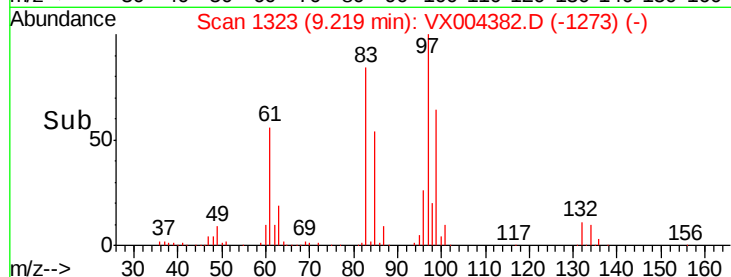
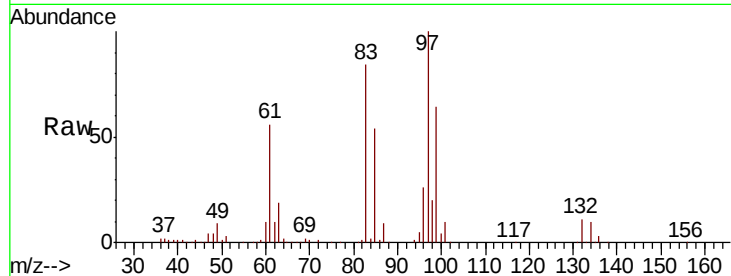
#55
 1,1,2-Trichloroethane
 Concen: 19.84 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	54.4	43.3	64.9
99	63.7	49.0	73.4

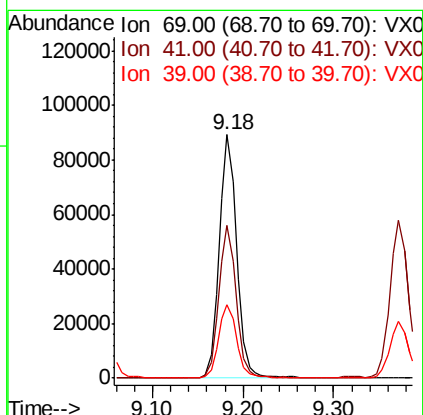
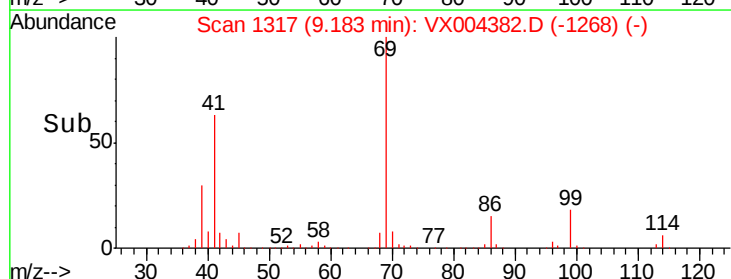
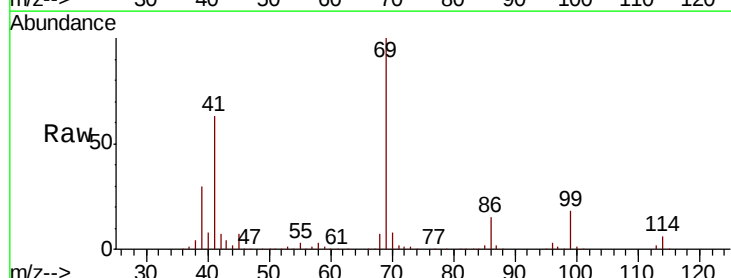
Manual Integrations
 APPROVED

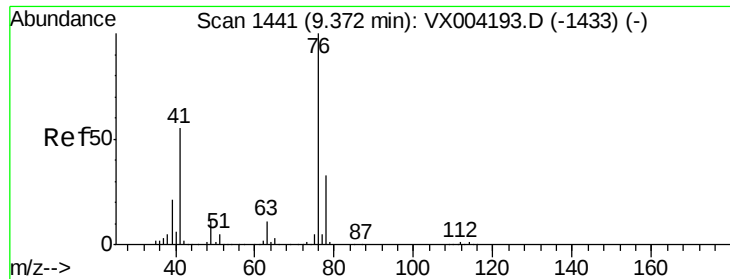
MMDadoda
 9/7/2018 1:42:54 PM



#56
 Ethyl methacrylate
 Concen: 20.11 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	31.7	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.80 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 76 Resp: 147072

Ion Ratio Lower Upper

76 100

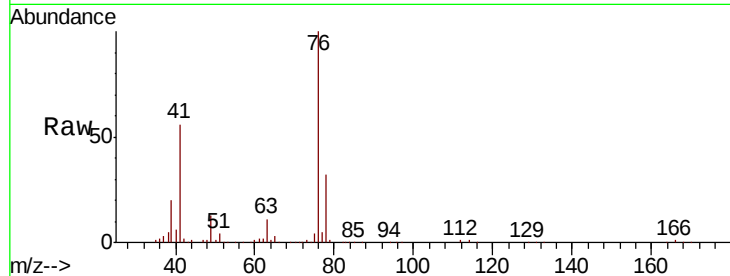
78 32.0 25.5 38.3

Manual Integrations

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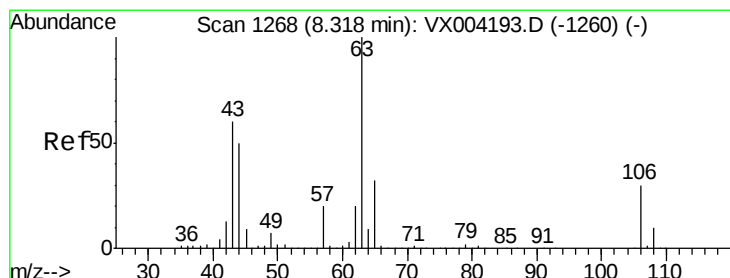
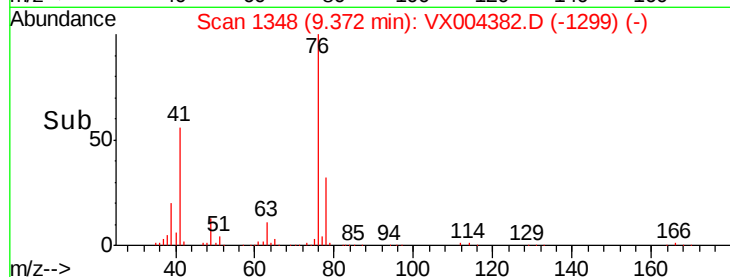
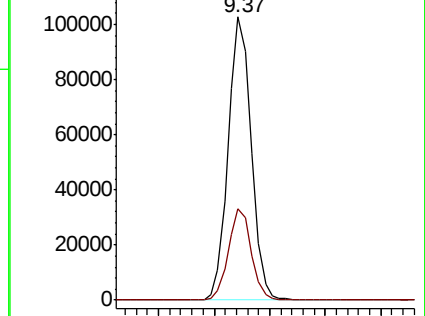
MMDadoda

9/7/2018 1:42:54 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.66 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004382.D

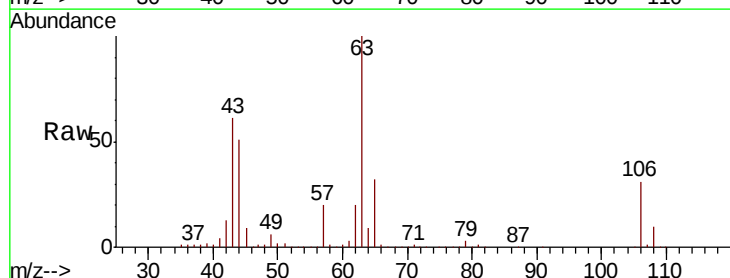
Acq: 06 Sep 2018 13:58

Tgt Ion: 63 Resp: 315582

Ion Ratio Lower Upper

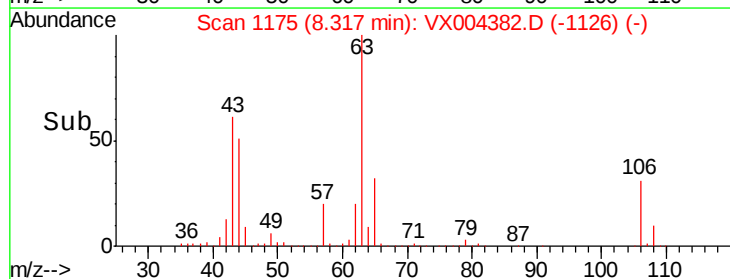
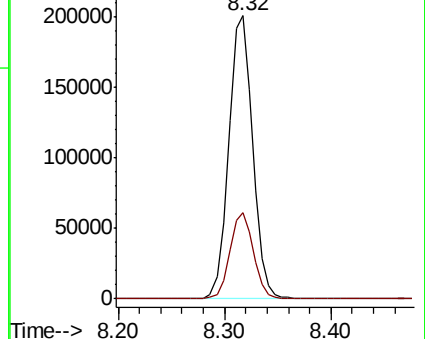
63 100

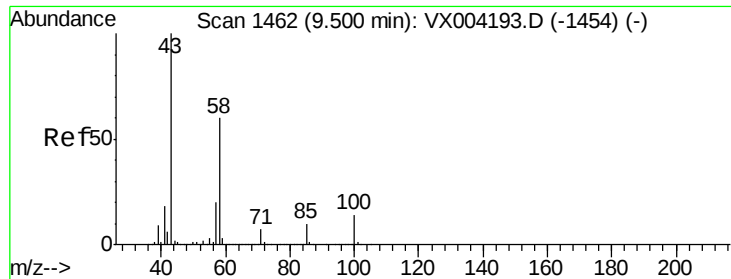
106 30.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





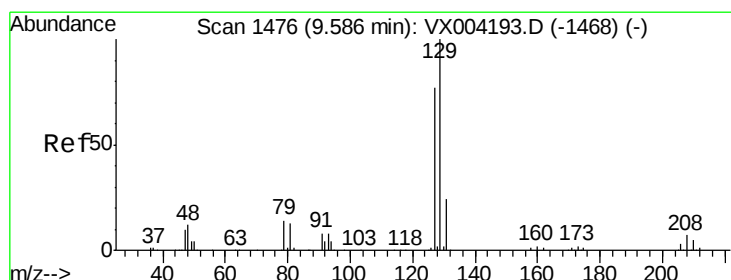
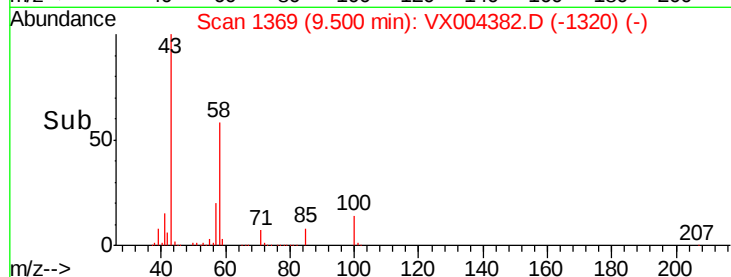
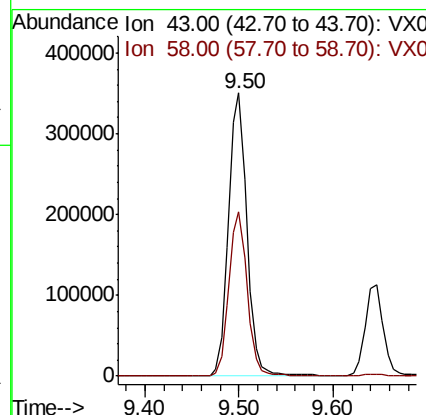
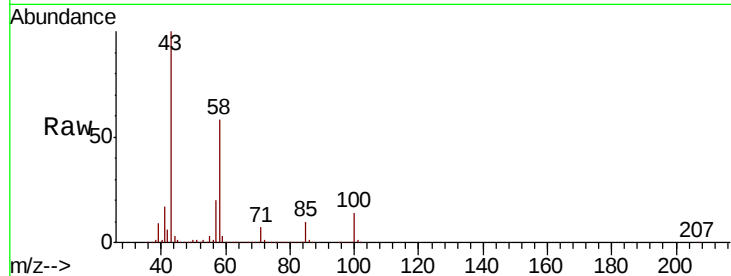
#59
2-Hexanone
Concen: 97.47 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion: 43 Resp: 476617
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0

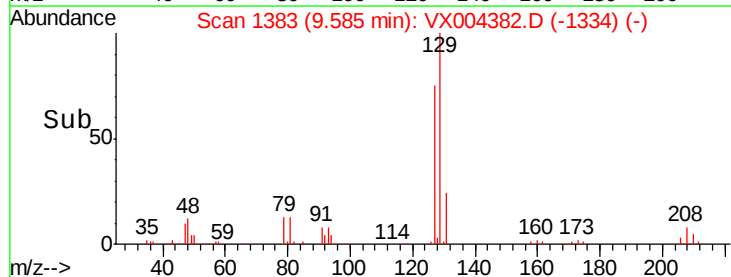
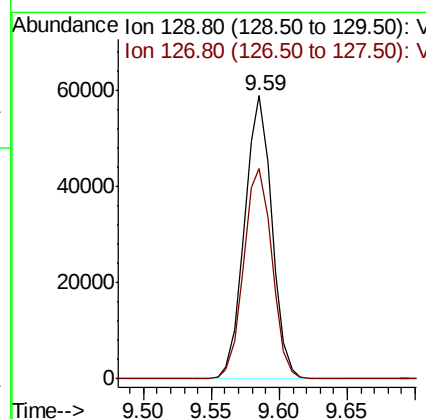
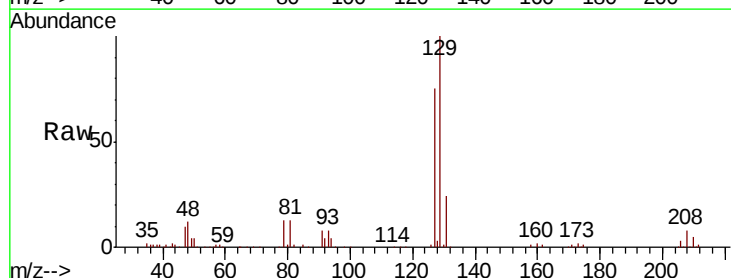
Manual Integrations
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MMDadoda
9/7/2018 1:42:54 PM



#60
Dibromochloromethane
Concen: 19.28 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 129 Resp: 82804
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.36 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 107 Resp: 88296

Ion Ratio Lower Upper

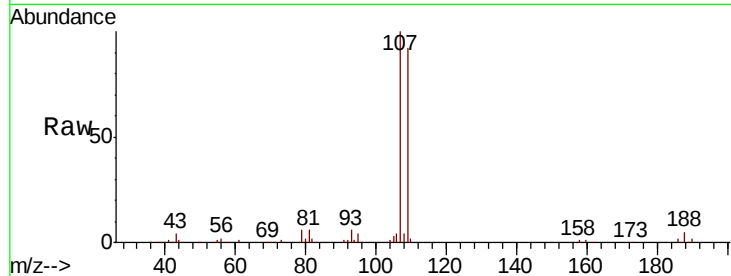
107 100

109 94.1 76.0 114.0

Manual Integrations
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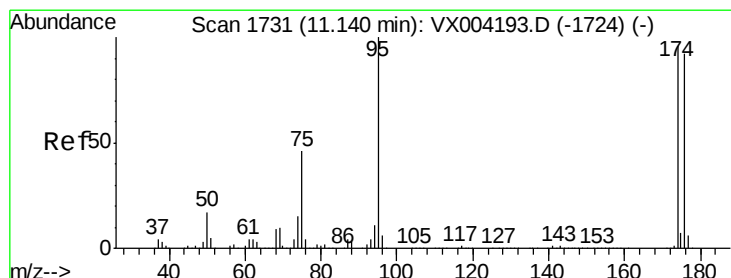
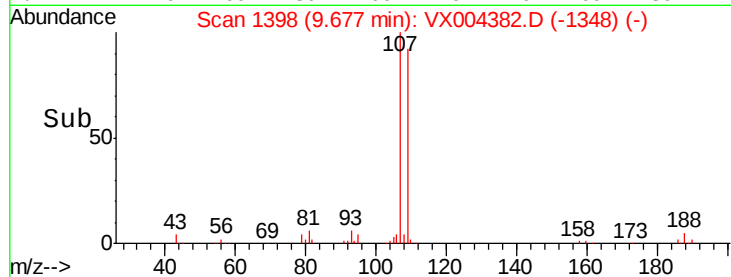
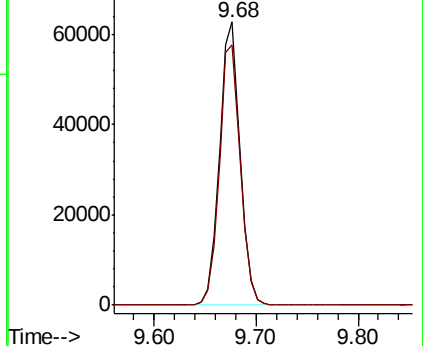
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.12 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

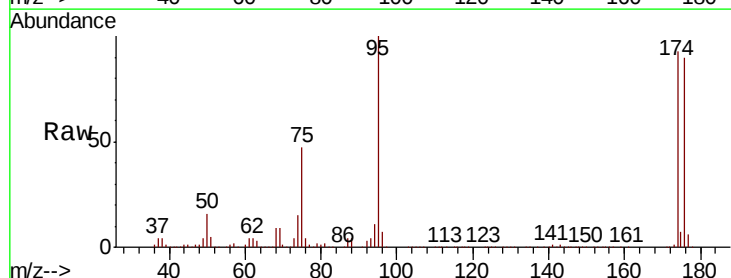
Tgt Ion: 95 Resp: 267217

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

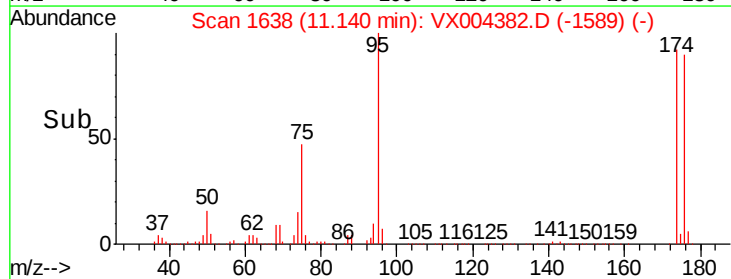
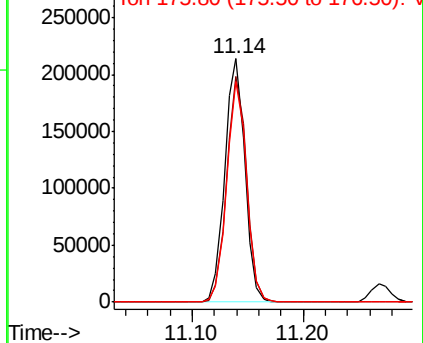
176 89.4 0.0 178.6



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





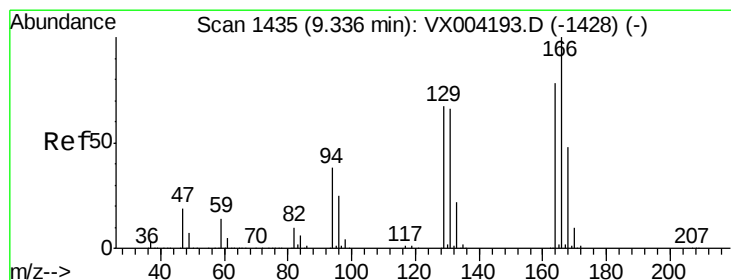
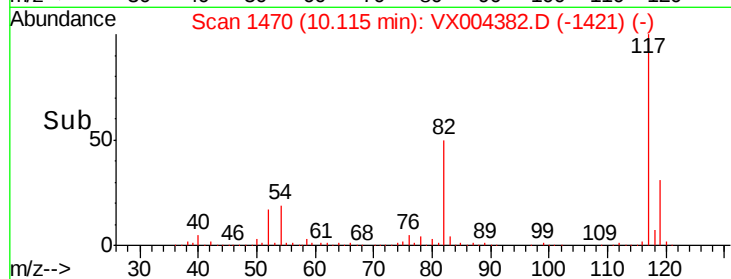
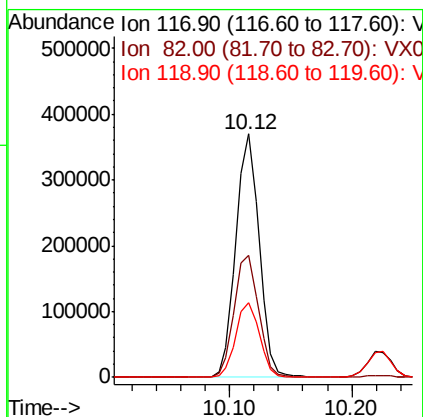
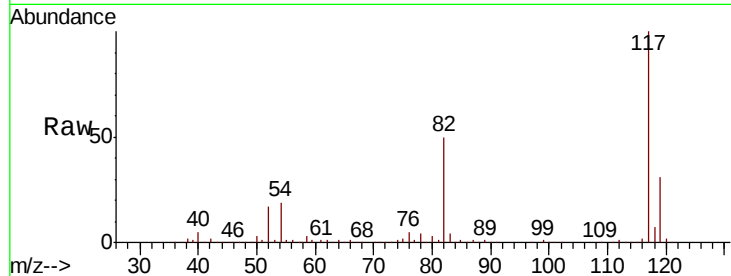
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	47.8	71.6
119	30.7	29.3	43.9

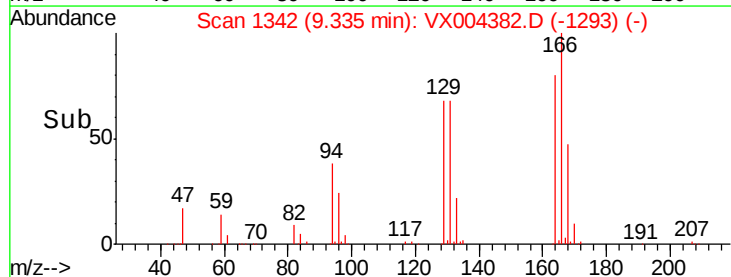
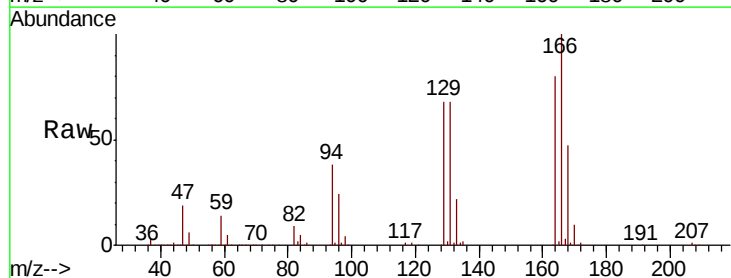
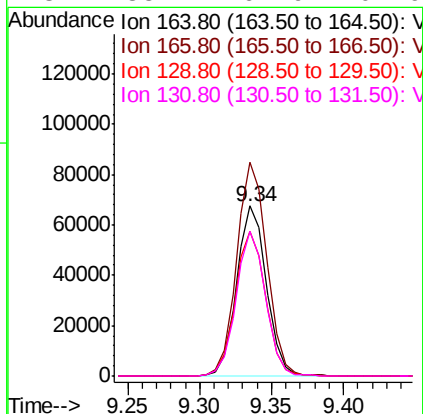
Manual Integrations
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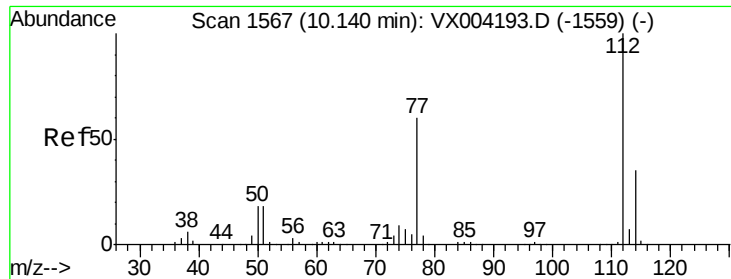
MMDadoda
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#64
Tetrachloroethene
Concen: 20.15 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.8	154.2
129	84.8	69.4	104.0
131	85.1	67.9	101.9





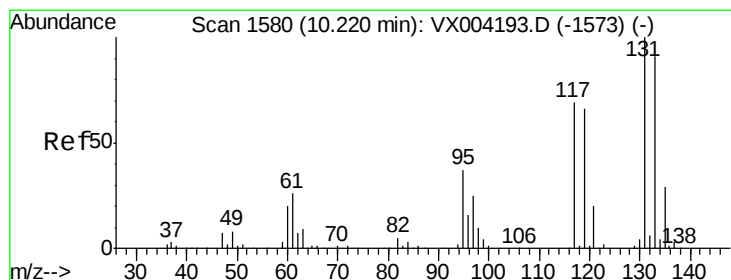
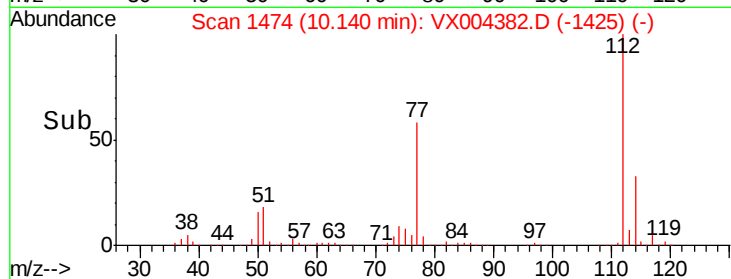
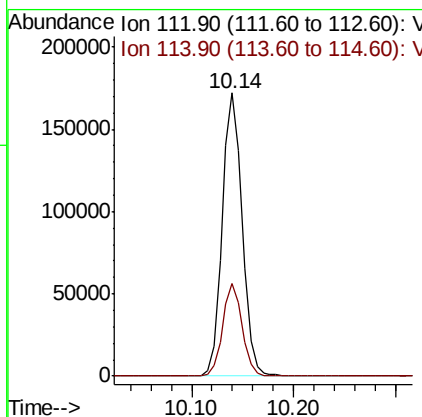
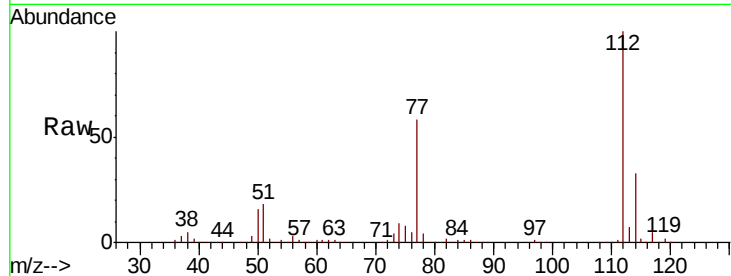
#65
Chlorobenzene
Concen: 19.15 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion:112 Resp: 234442
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8

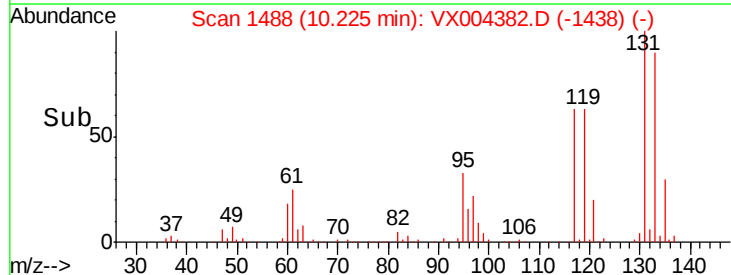
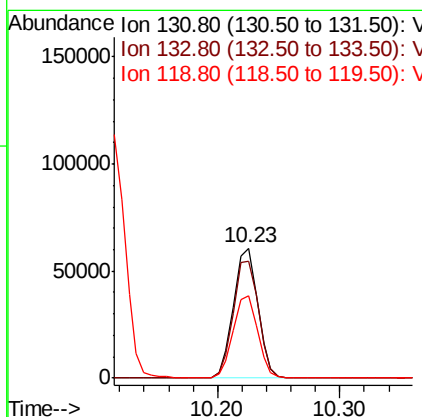
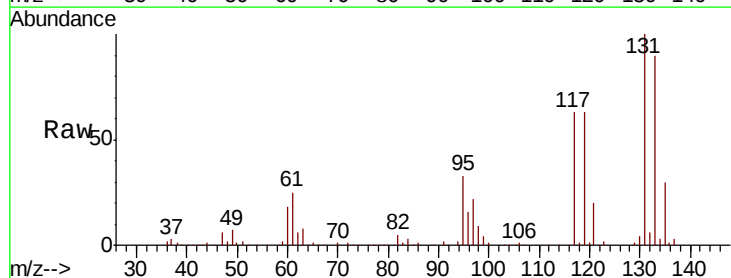
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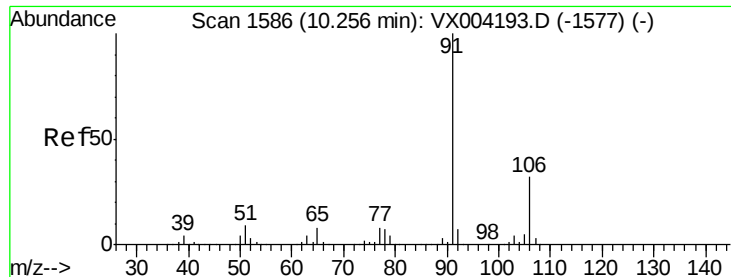
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.75 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:131 Resp: 83418
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.4
119 64.3 32.9 98.6





#67

Ethyl Benzene

Concen: 19.13 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

Tot Ion: 91 Resp: 380285

Ion Ratio Lower Upper

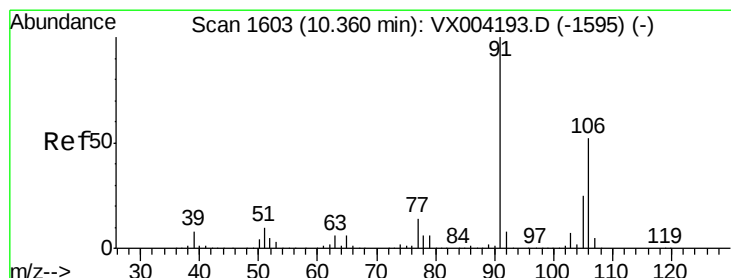
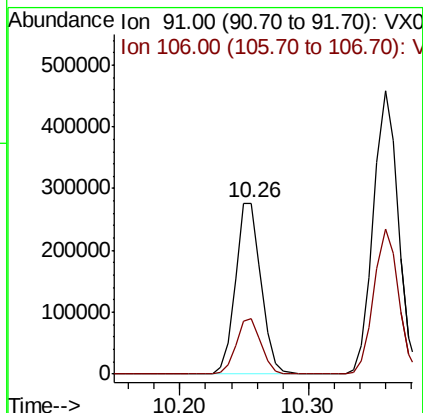
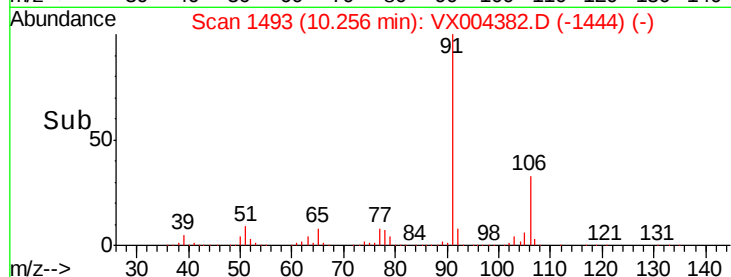
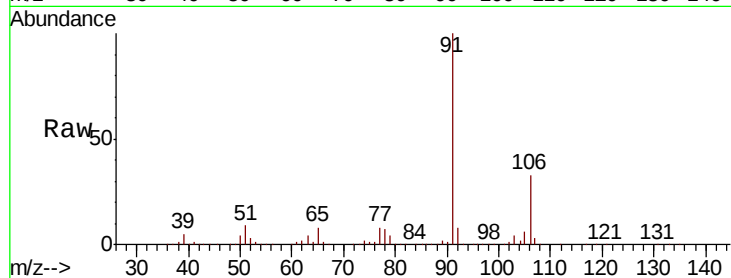
91 100

106 32.7 25.9 38.9

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 39.79 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004382.D

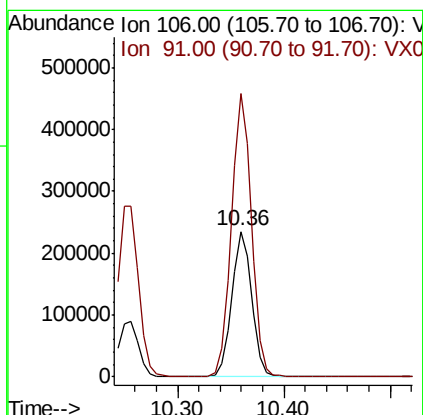
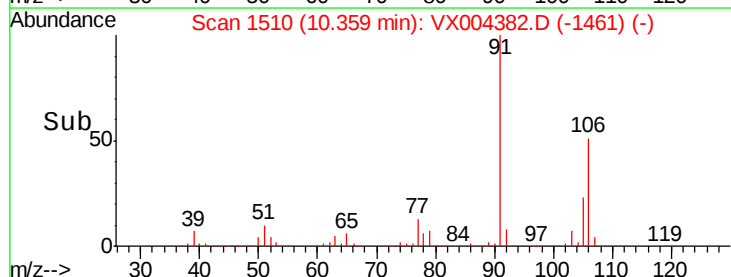
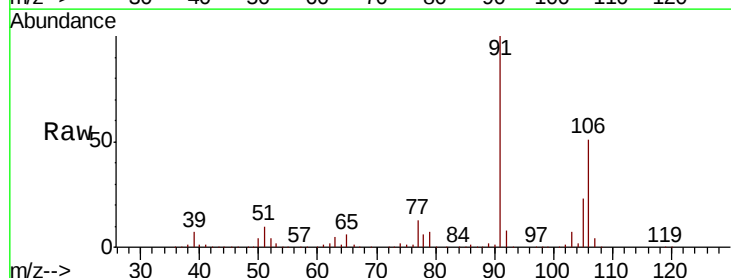
Acq: 06 Sep 2018 13:58

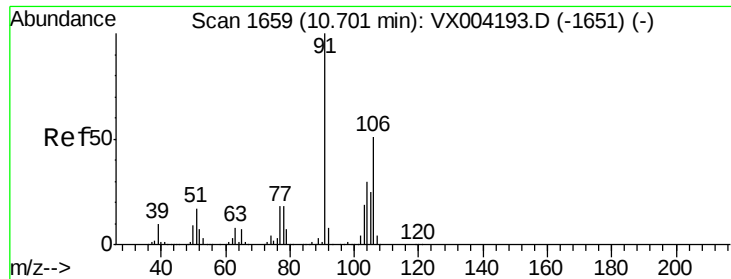
Tgt Ion: 106 Resp: 309362

Ion Ratio Lower Upper

106 100

91 195.7 157.1 235.7





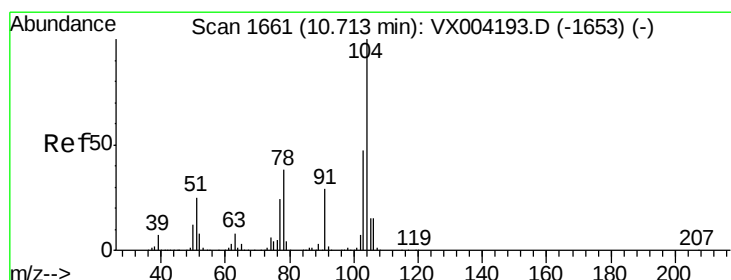
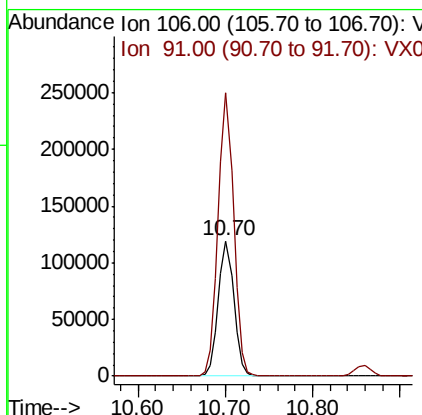
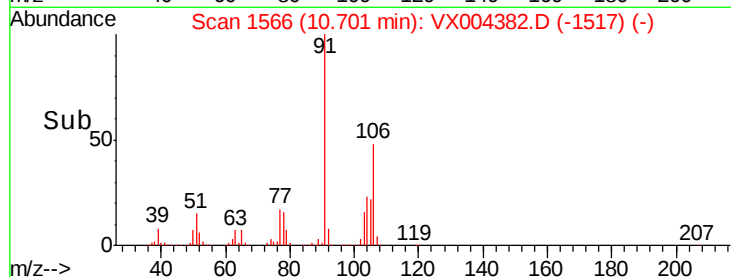
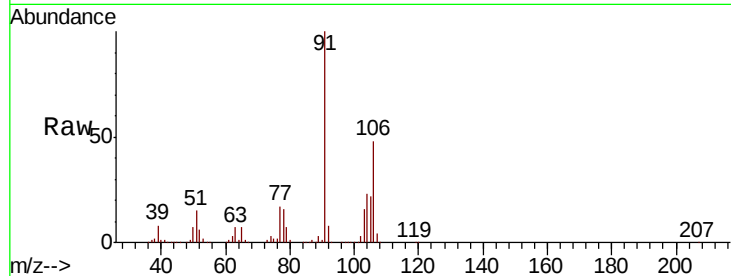
#69
o-Xylene
Concen: 20.11 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.8	105.1	315.1

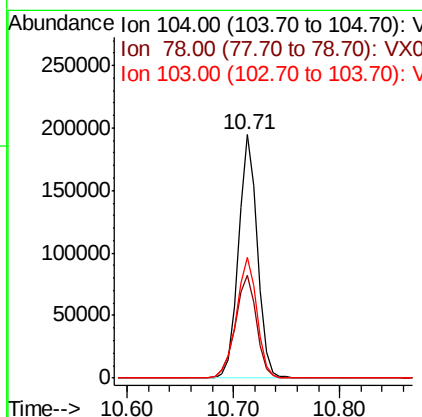
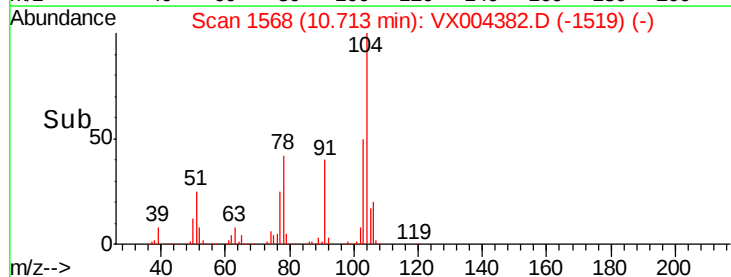
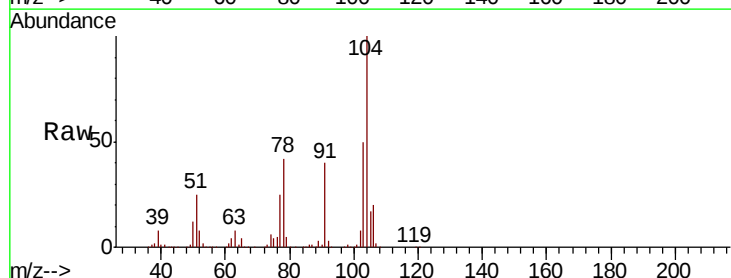
Manual Integrations
APPROVED

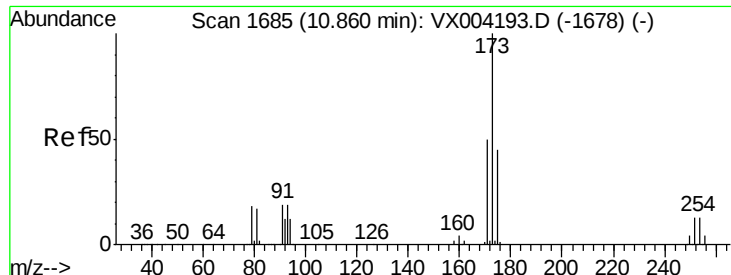
MMDadoda
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#70
Styrene
Concen: 20.41 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.4	56.0
103	54.6	43.8	65.6





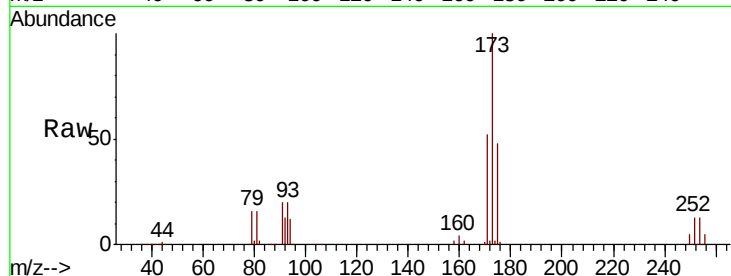
#71
Bromoform
Concen: 18.34 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.2	0.2	0.2

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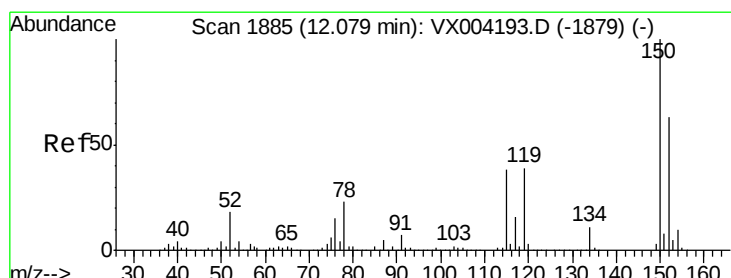
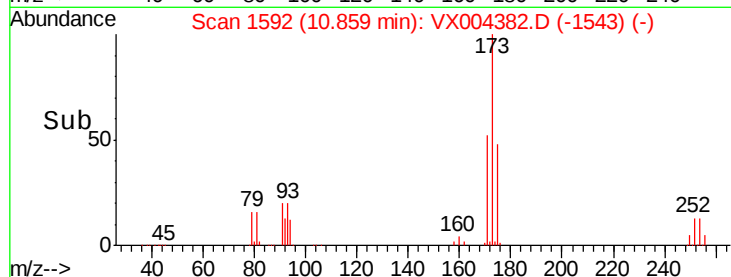
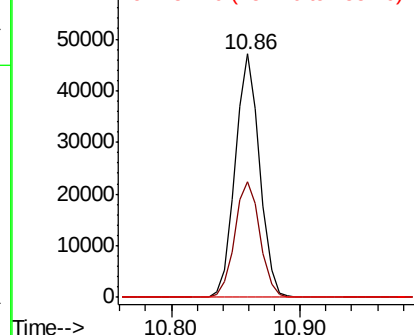


Abundance

Ion 172.70 (172.40 to 173.40): V

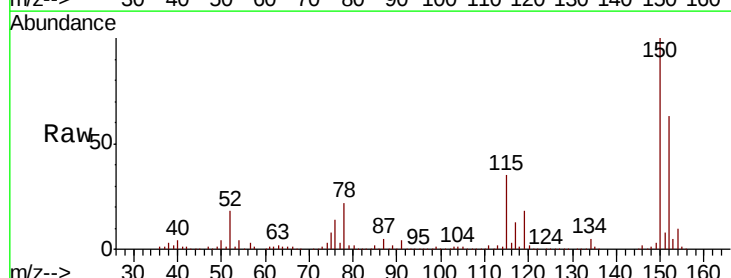
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	39.0	117.0
150	162.4	0.0	351.0

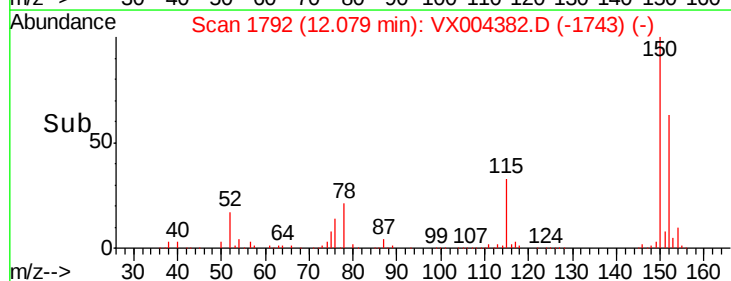
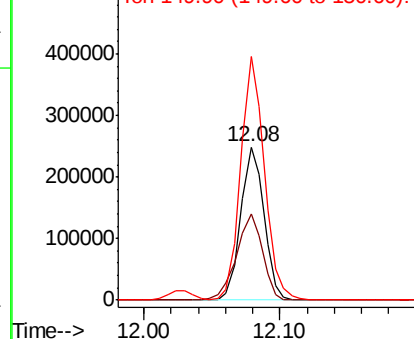


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 105 Resp: 403680

Ion Ratio Lower Upper

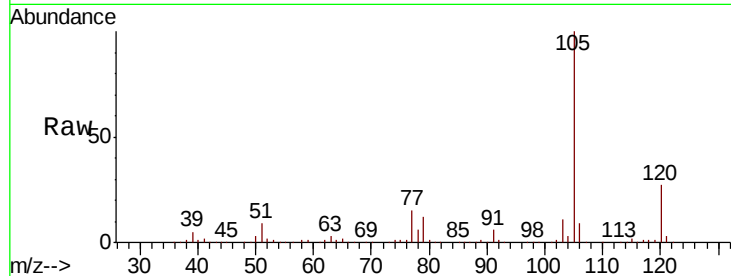
105 100

120 26.9 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

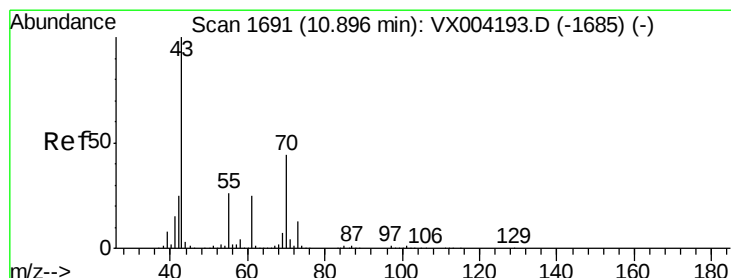
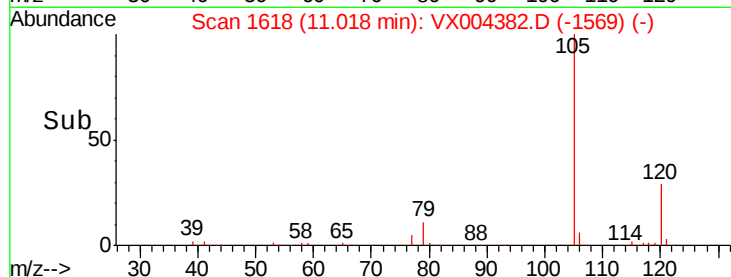
100000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 19.18 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion: 43 Resp: 143291

Ion Ratio Lower Upper

43 100

70 47.4 37.4 56.0

55 28.2 21.8 32.8

61 25.9 20.6 30.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

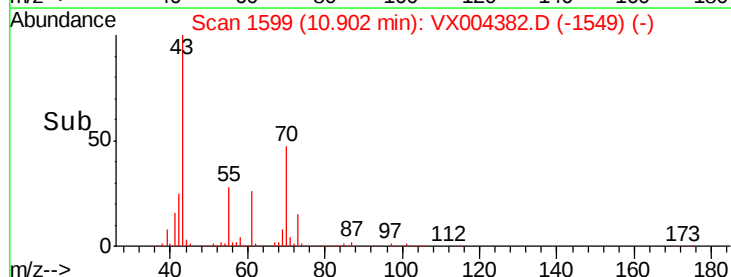
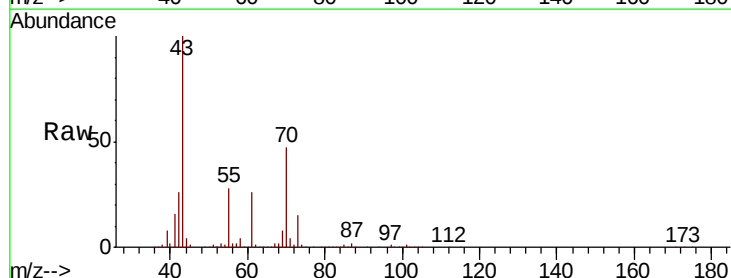
50000

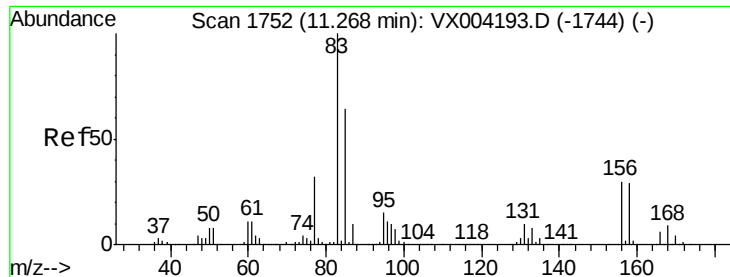
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.47 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

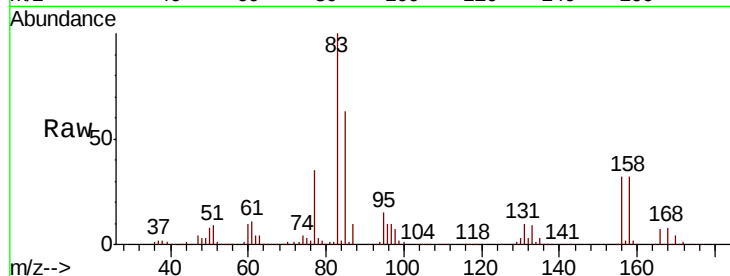
ClientSampled :

VX0906WBS01

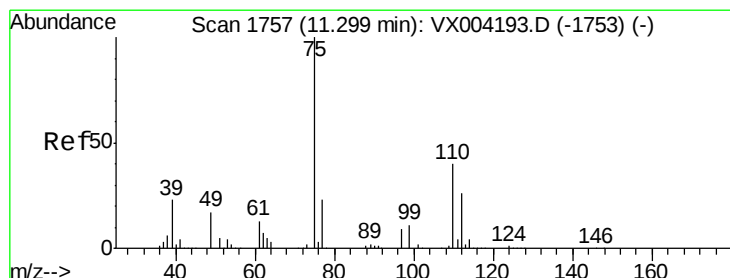
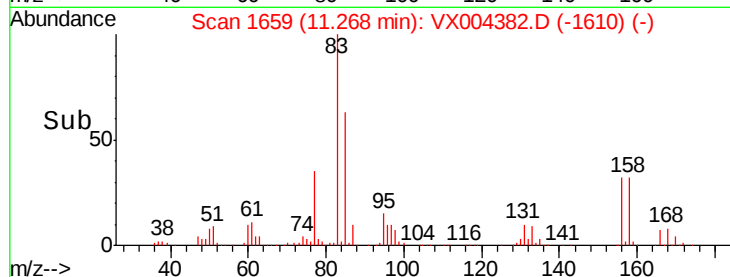
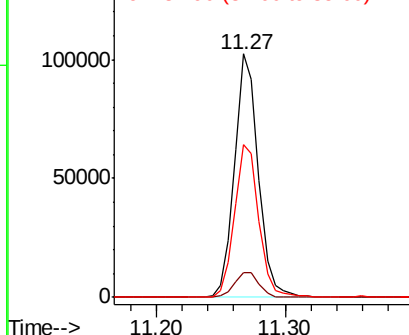
Tot Ion:	83	Resp:	132184
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.1	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.10 ug/l m

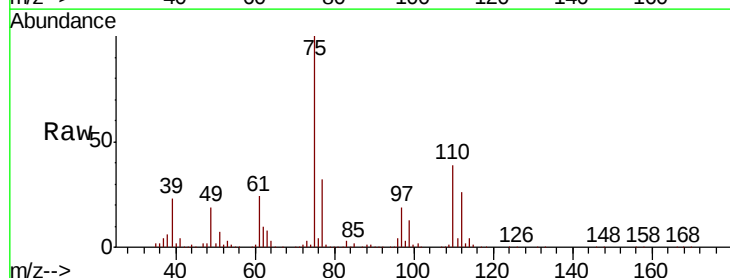
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

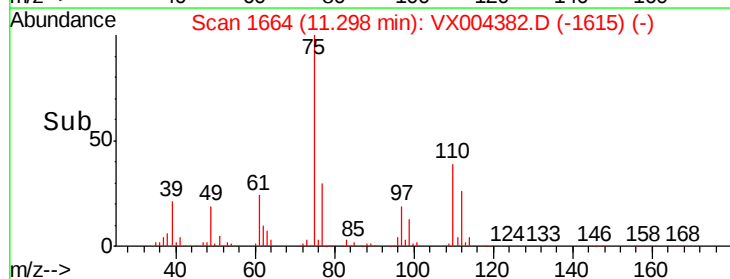
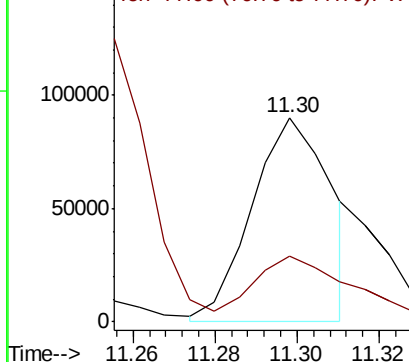
Lab File: VX004382.D

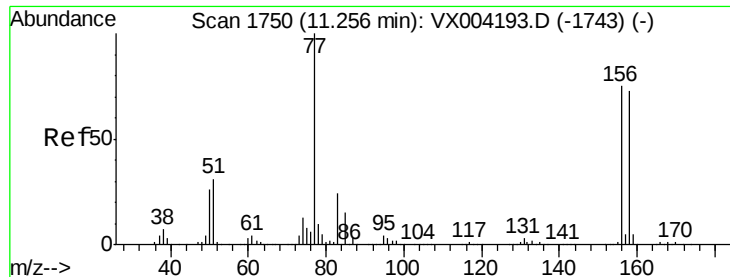
Acq: 06 Sep 2018 13:58

Tgt Ion:	75	Resp:	120771
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.95 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

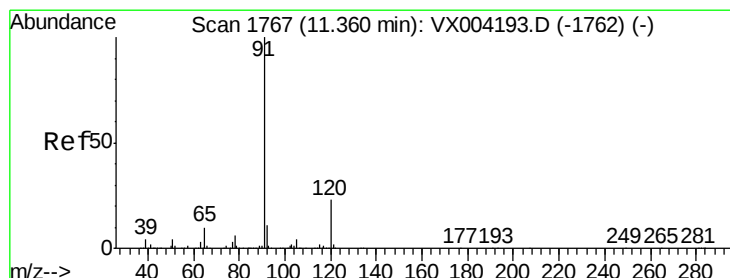
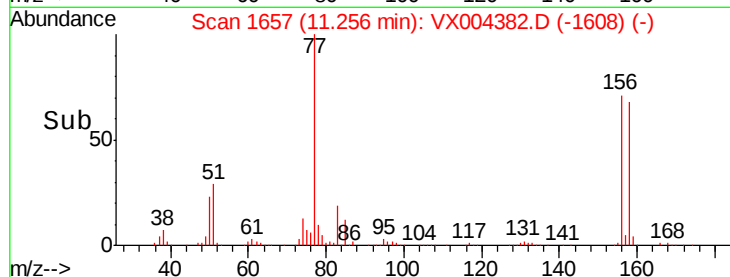
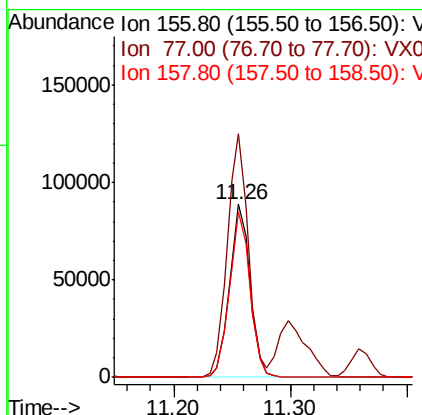
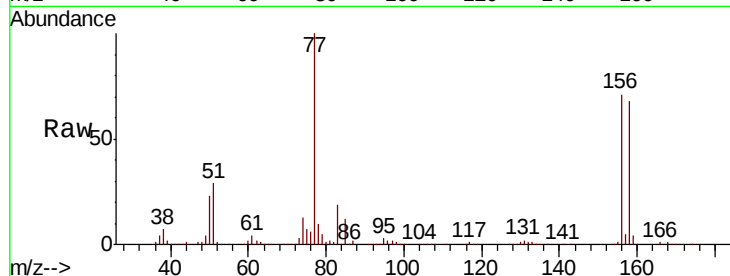
ClientSampleId :

VX0906WBS01

Tot Ion:	156	Resp:	108547
Ion Ratio	Lower	Upper	
156	100		
77	143.3	71.5	214.3
158	95.9	48.9	146.8

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#78

n-propylbenzene

Concen: 20.57 ug/l

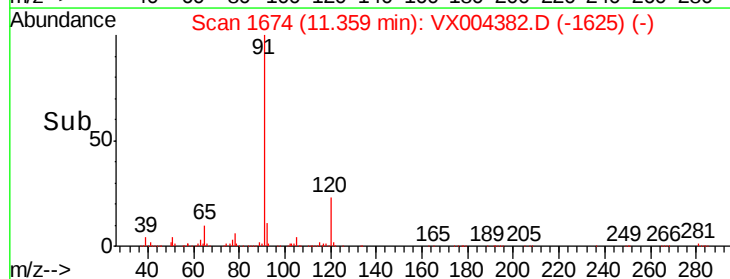
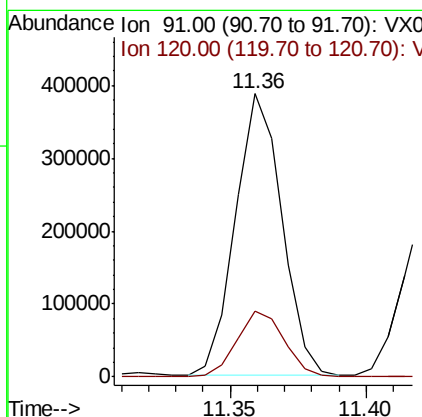
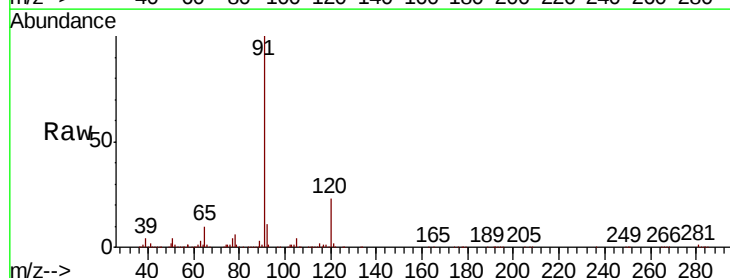
RT: 11.36 min Scan# 1674

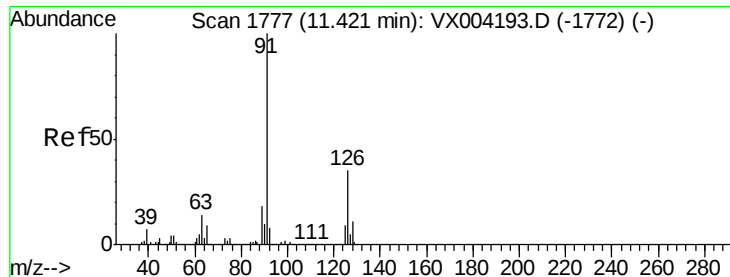
Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	91	Resp:	458969
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.85 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 91 Resp: 272689

Ion Ratio Lower Upper

91 100

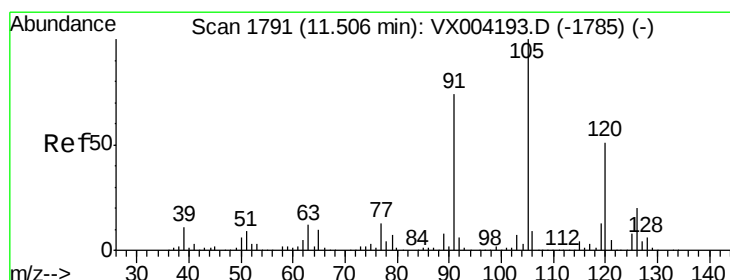
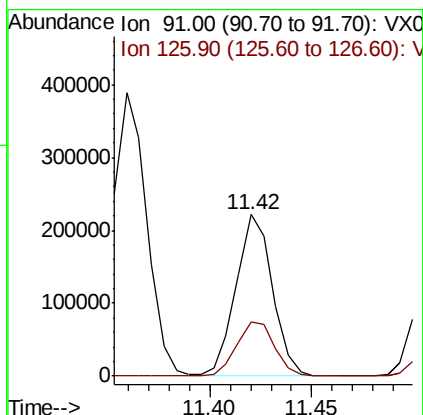
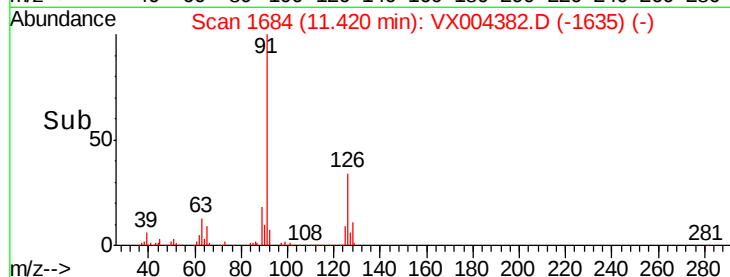
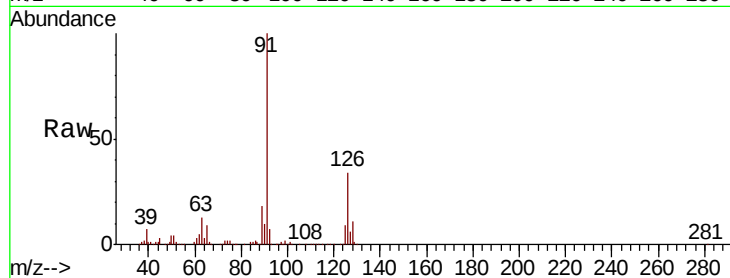
126 35.4 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.50 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004382.D

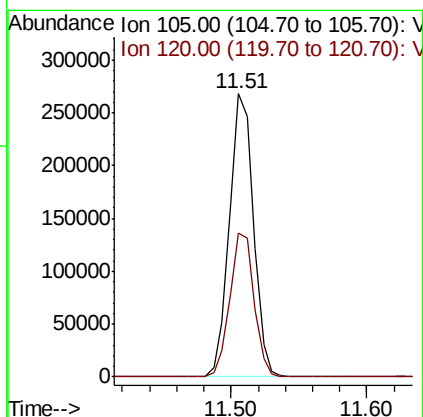
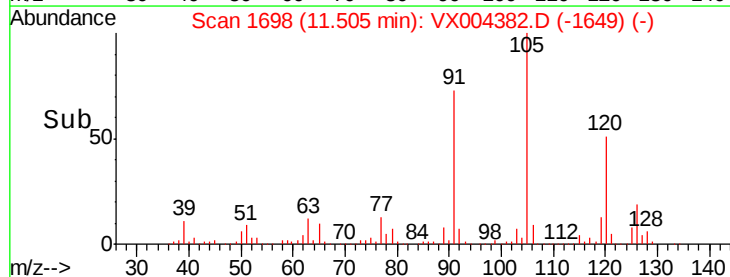
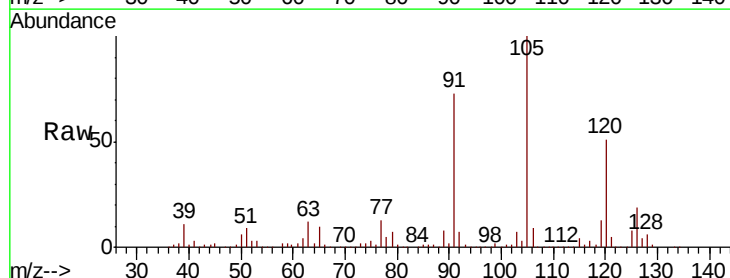
Acq: 06 Sep 2018 13:58

Tgt Ion: 105 Resp: 329402

Ion Ratio Lower Upper

105 100

120 51.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.13 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion: 75 Resp: 35426

Ion Ratio Lower Upper

75 100

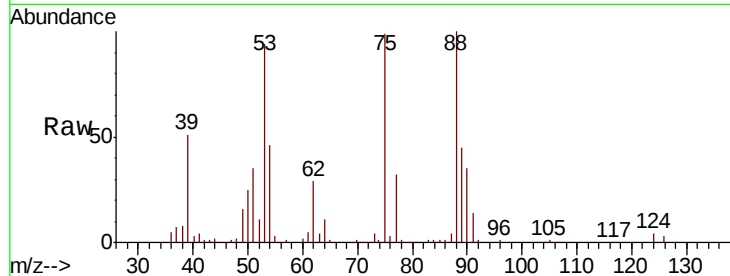
53 101.4 80.1 120.1

89 45.3 37.2 55.8

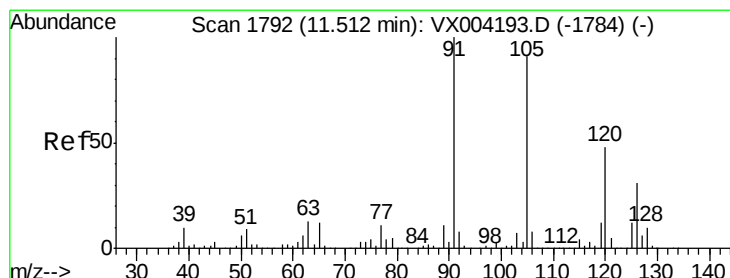
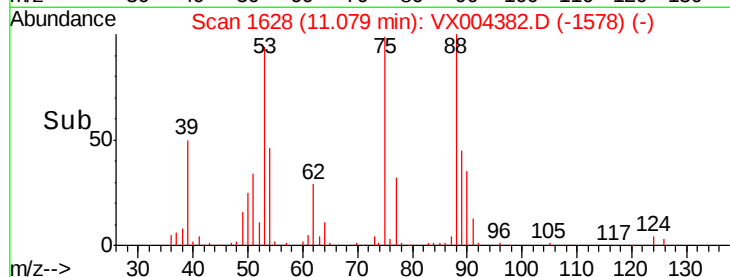
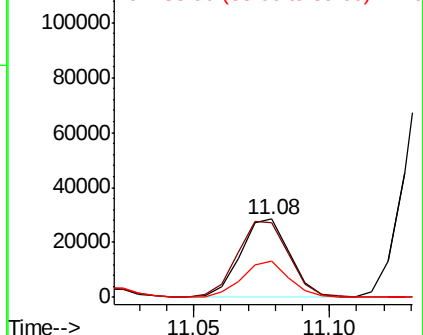
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.65 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004382.D

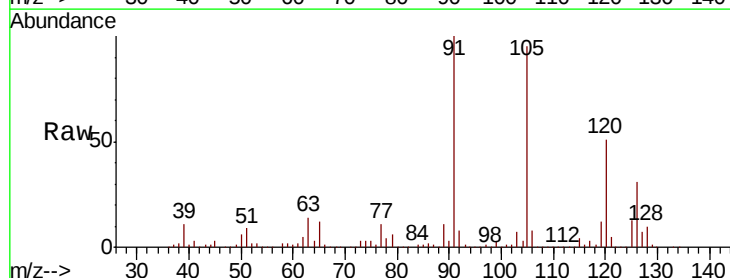
Acq: 06 Sep 2018 13:58

Tgt Ion: 91 Resp: 317642

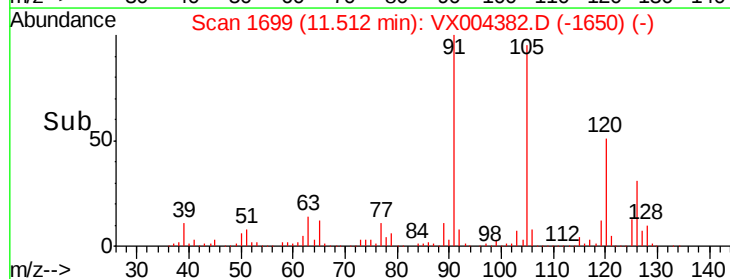
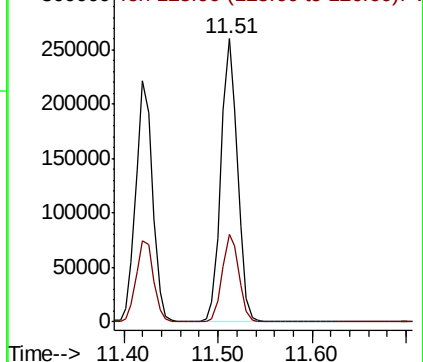
Ion Ratio Lower Upper

91 100

126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





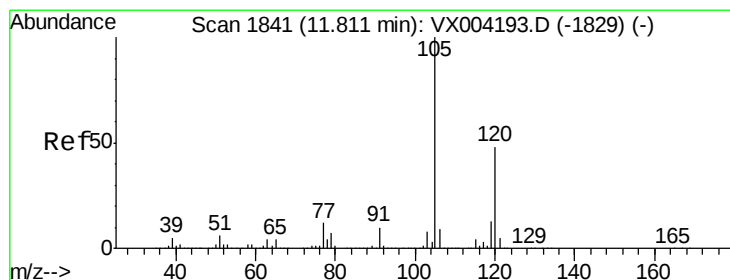
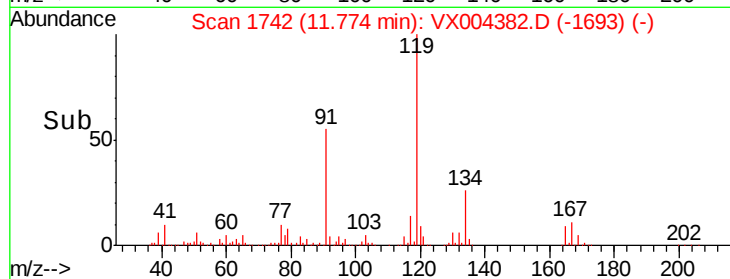
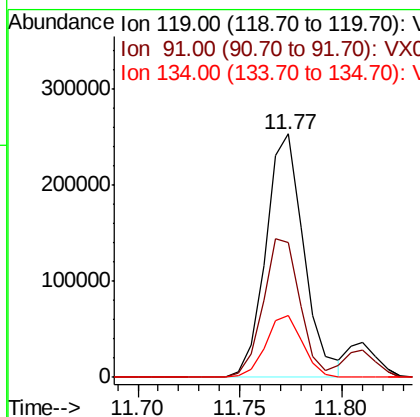
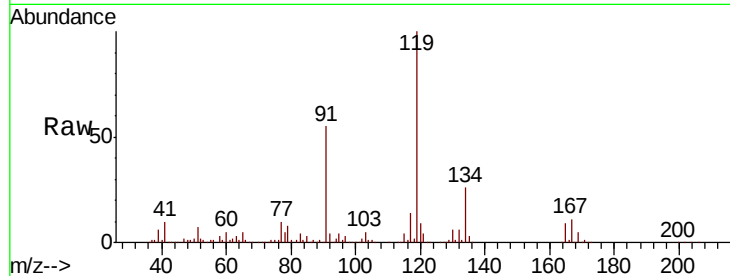
#83
 tert-Butylbenzene
 Concen: 20.35 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	328981		
91	55.3	27.0	81.0	
134	24.6	11.7	35.1	

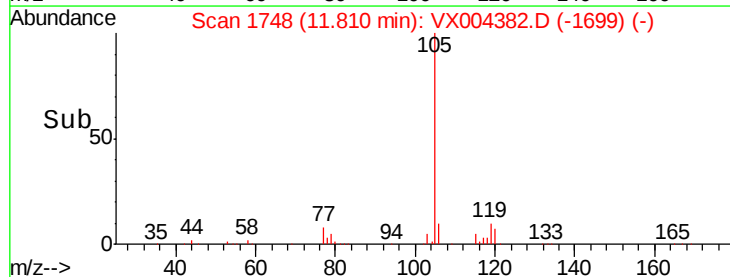
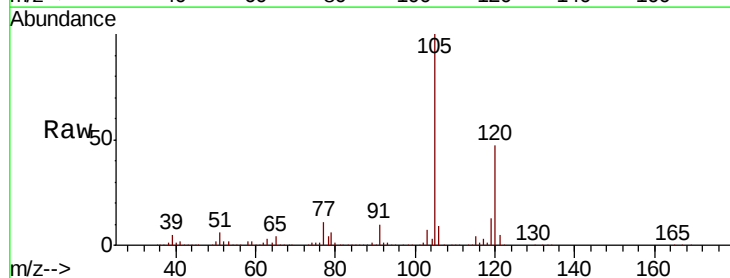
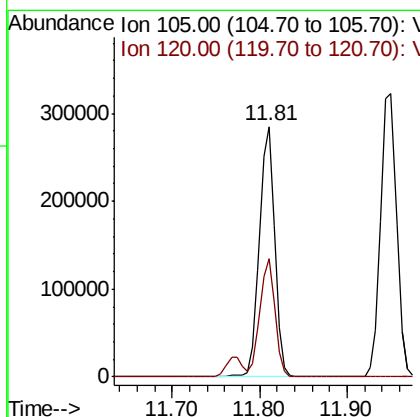
Manual Integrations
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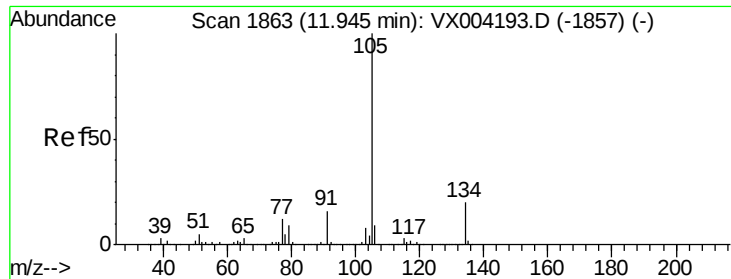
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.07 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	347514		
120	46.2	23.2	69.6	





#85

sec-Butylbenzene

Concen: 21.34 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion:105 Resp: 409647

Ion Ratio Lower Upper

105 100

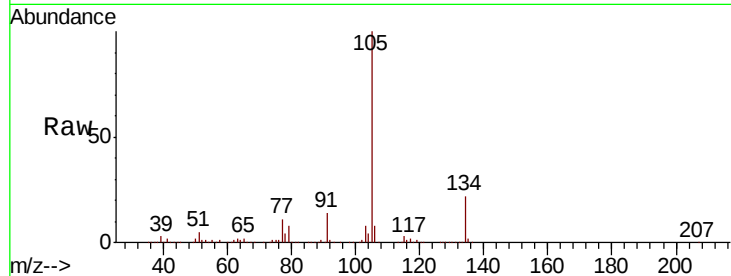
134 21.1 10.5 31.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

300000

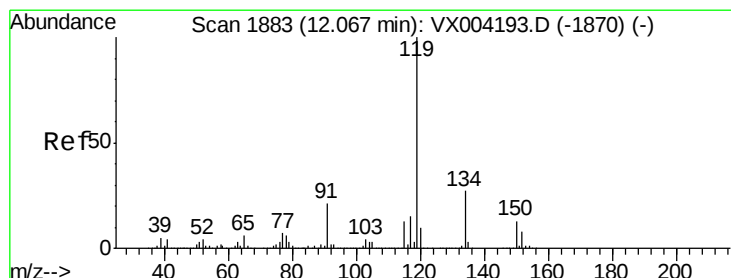
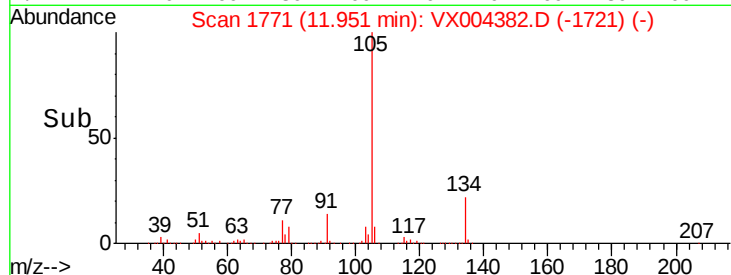
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

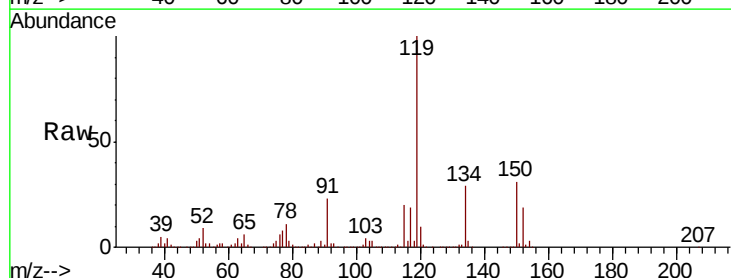
Tgt Ion:119 Resp: 358380

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.4 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

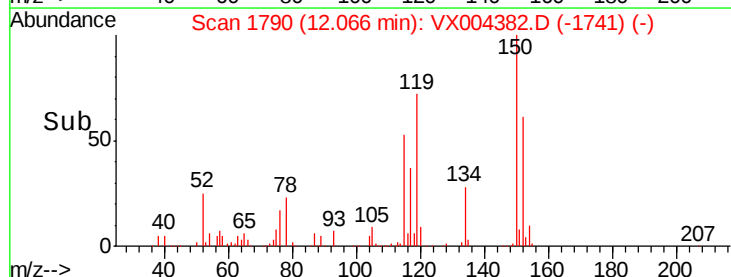
200000

100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.29 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

Tot Ion:146 Resp: 197679

Ion Ratio Lower Upper

146 100

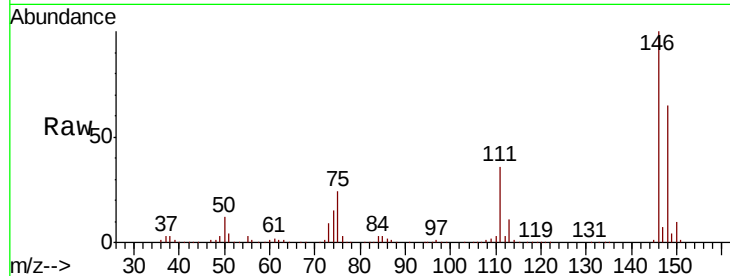
111 37.5 18.7 56.1

148 64.1 32.1 96.5

Manual Integrations
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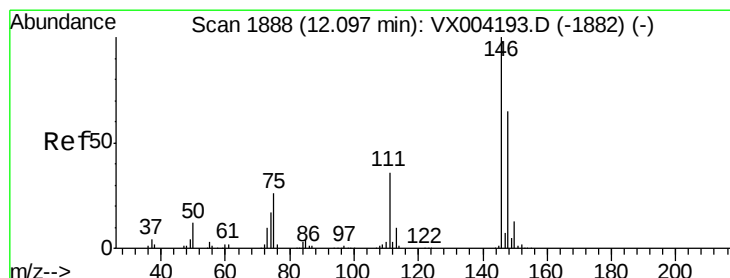
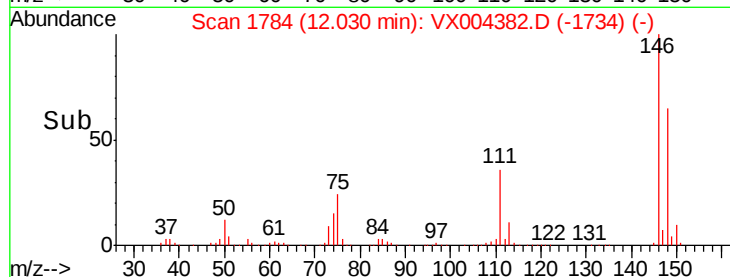
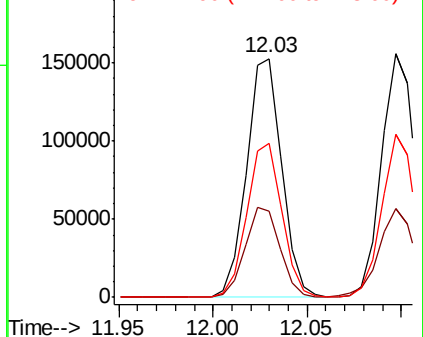


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.08 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

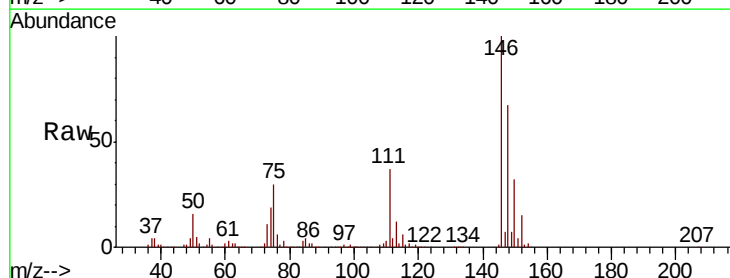
Tgt Ion:146 Resp: 195345

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.1

148 66.2 32.0 96.0

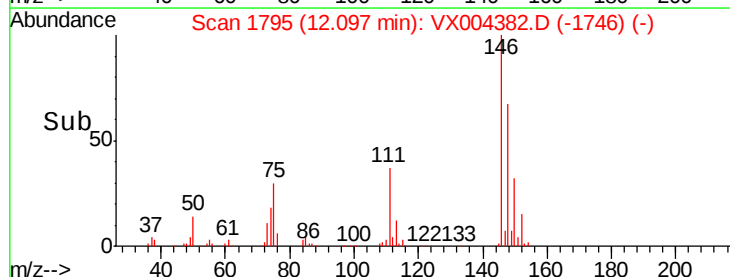
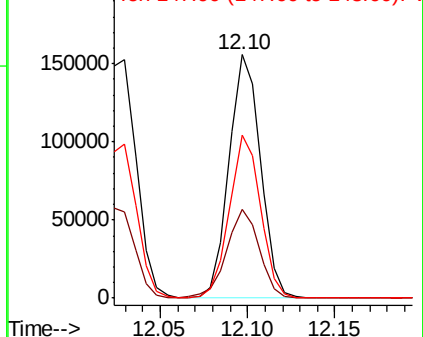


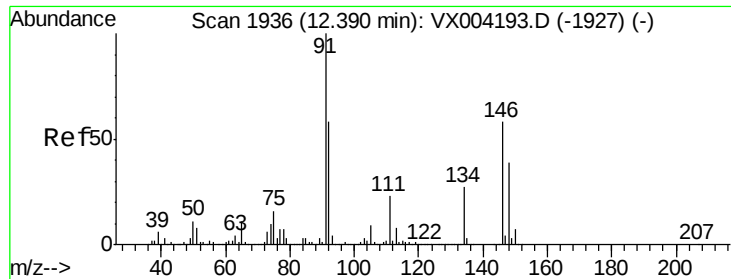
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





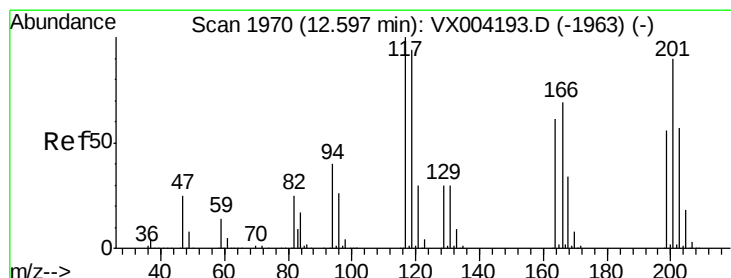
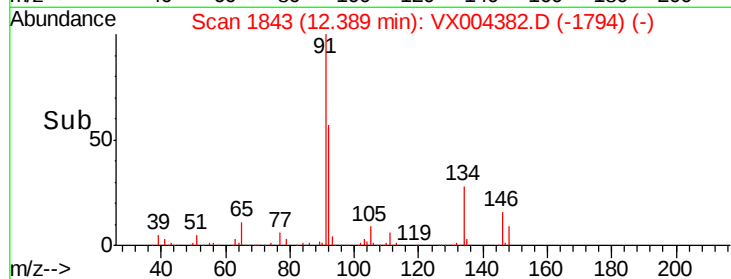
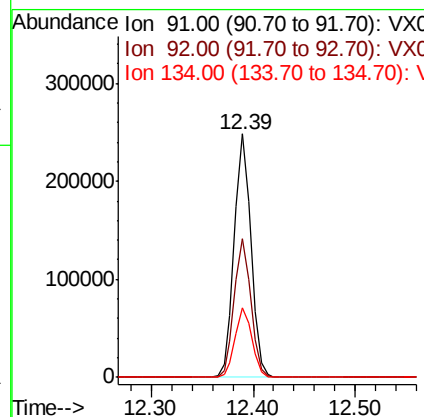
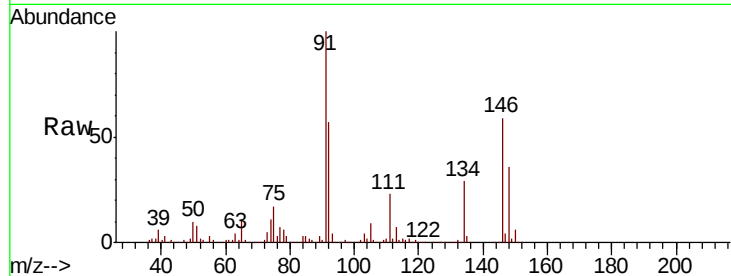
#89
n-Butylbenzene
Concen: 20.06 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	280609		
92	56.6		27.3	81.9
134	28.5		13.6	40.7

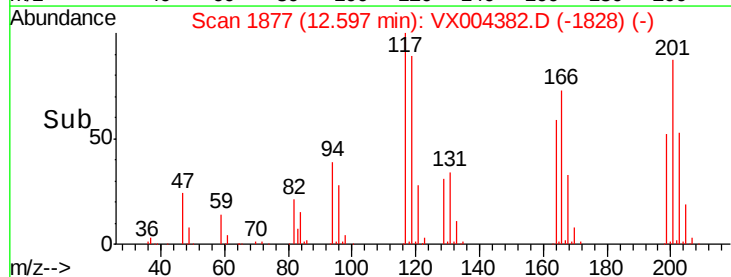
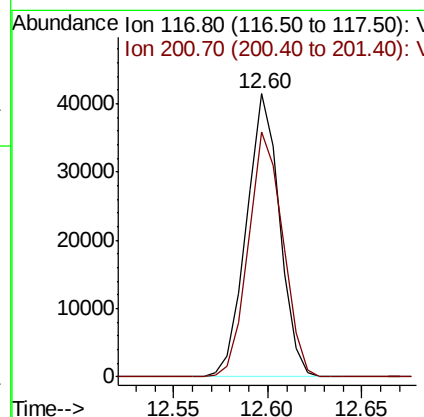
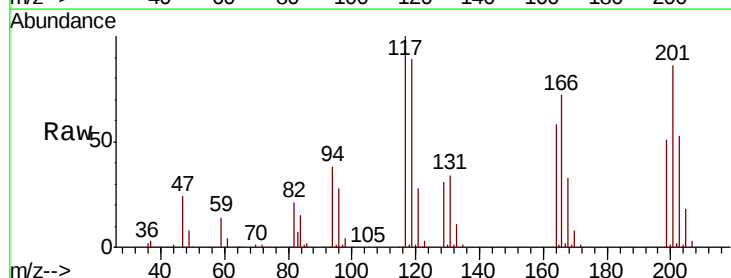
Manual Integrations
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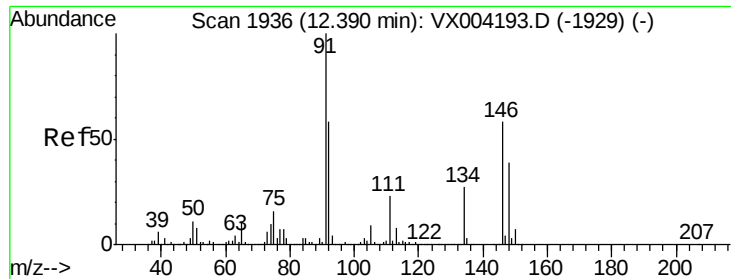
MMDadoda
9/7/2018 1:42:54 PM



#90
Hexachloroethane
Concen: 21.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50693		
201	90.0		46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 20.37 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

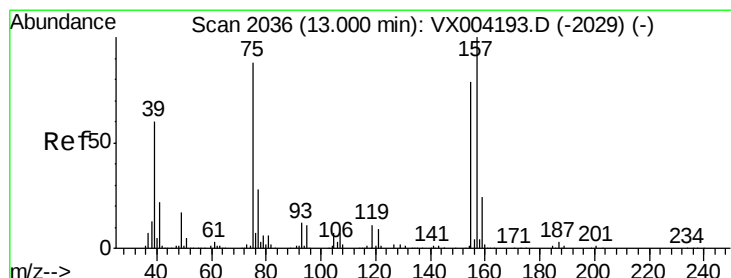
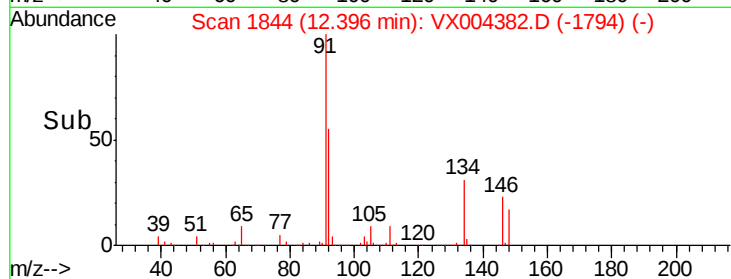
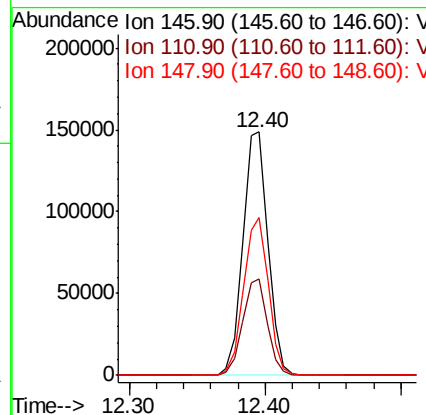
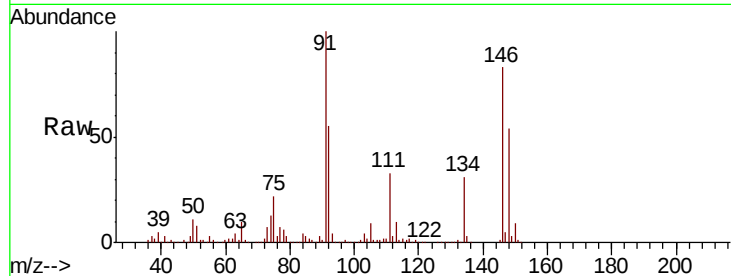
ClientSampleId :

VX0906WBS01

Tot Ion:	146	Resp:	190724
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.4	58.1
148	64.0	32.8	98.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.38 ug/l

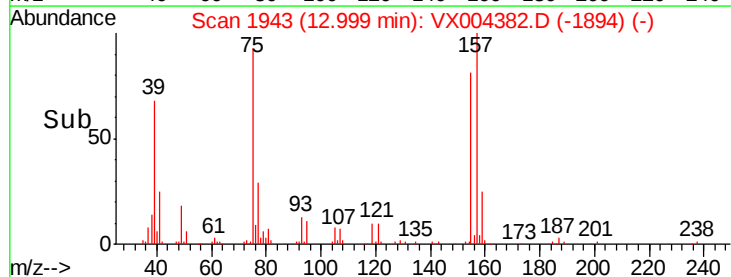
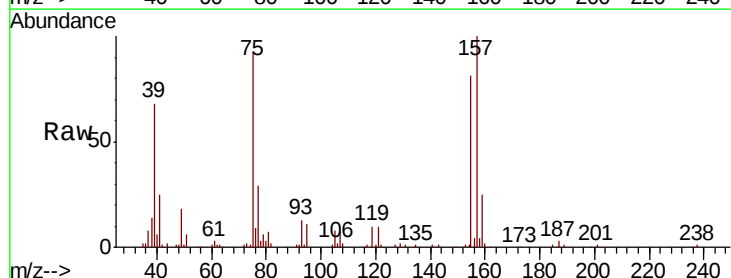
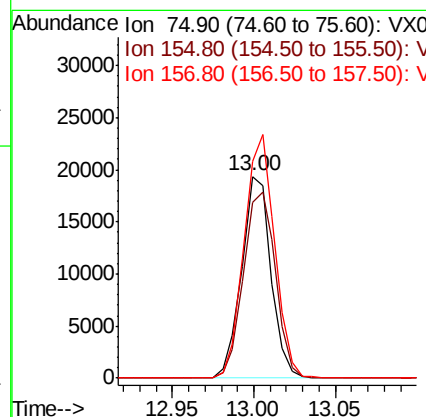
RT: 13.00 min Scan# 1943

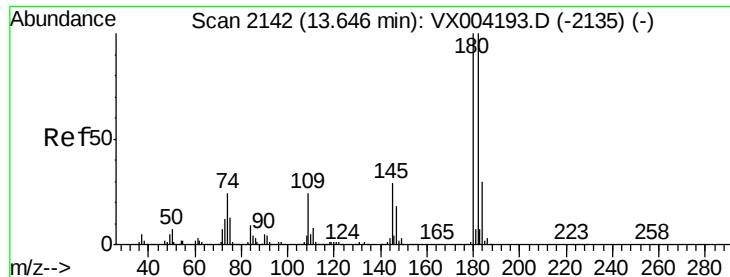
Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion:	75	Resp:	24367
Ion Ratio	Lower	Upper	
75	100		
155	100.3	48.0	144.2
157	125.1	61.4	184.1





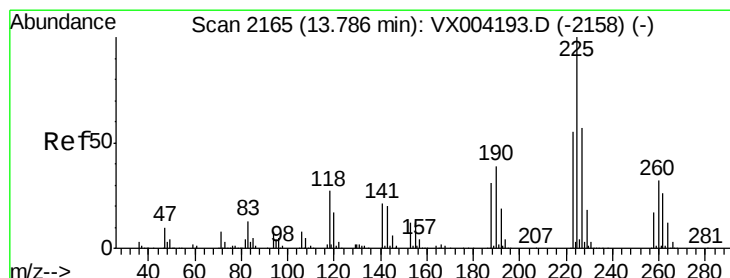
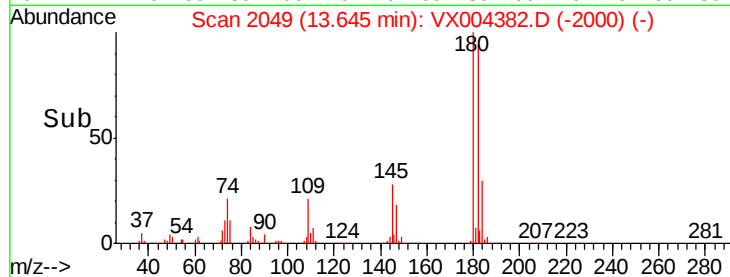
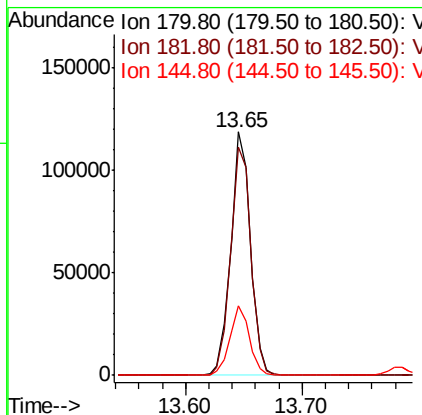
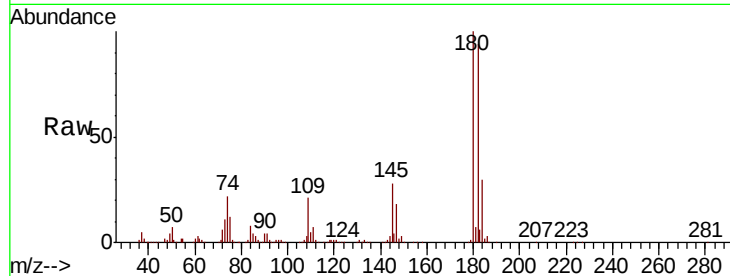
#93
 1,2,4-Trichlorobenzene
 Concen: 20.48 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139555		
182	97.0	48.4	145.0	
145	28.1	14.3	42.9	

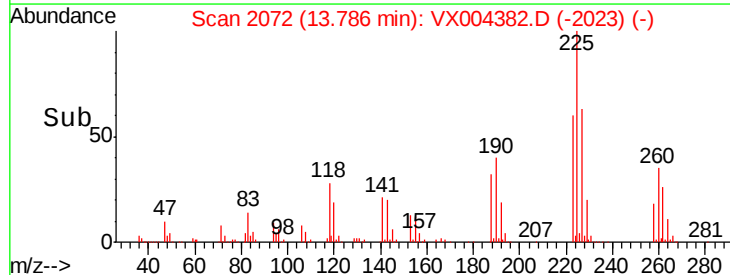
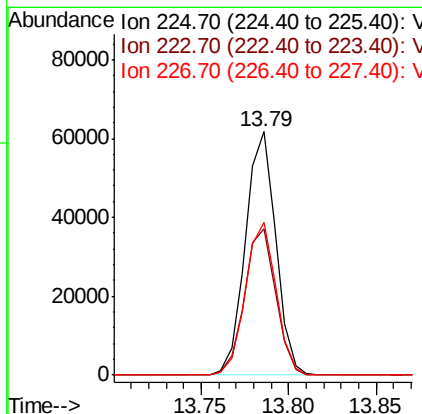
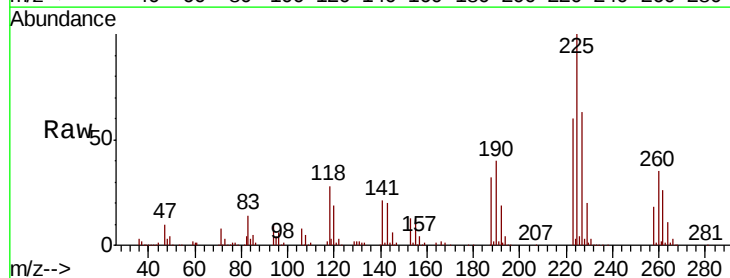
Manual Integrations
 APPROVED

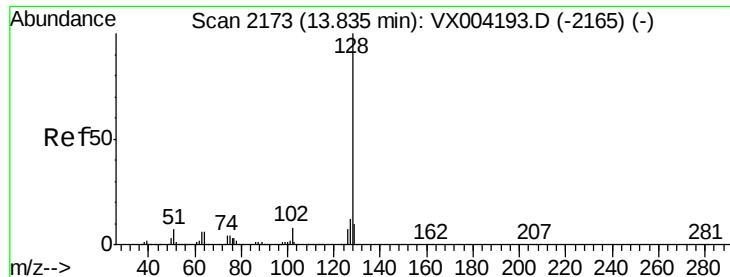
MMDadoda
 9/7/2018 1:42:54 PM



#94
 Hexachlorobutadiene
 Concen: 23.43 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74507		
223	61.7	30.1	90.5	
227	63.2	30.8	92.4	





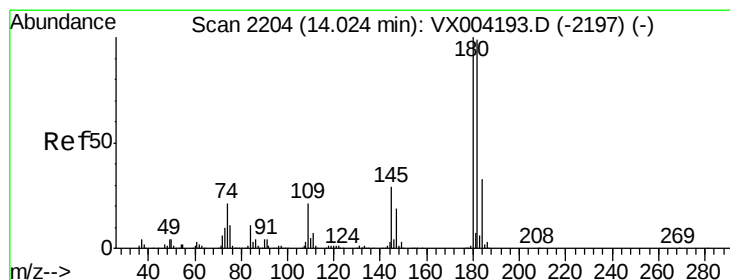
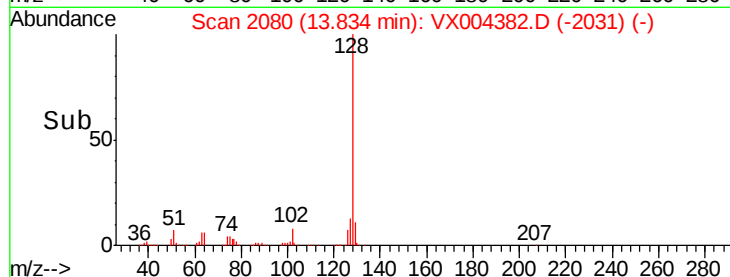
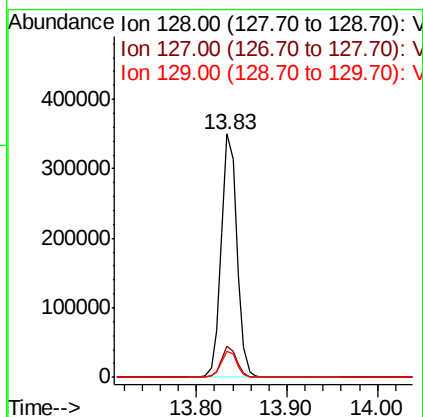
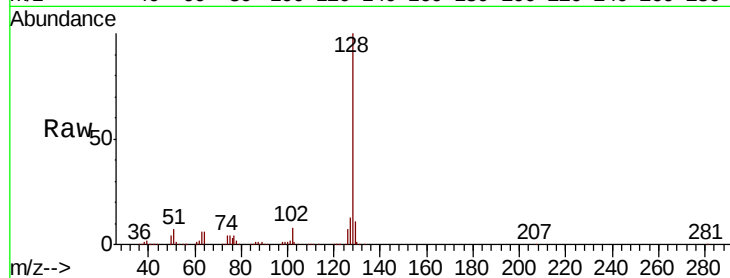
#95
Naphthalene
Concen: 21.99 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	29.2	14.9	44.9

