

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003942.D
 Acq On : 09 Aug 2018 11:31
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:55:24 AM

Quant Time: Aug 10 01:21:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	420842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	597234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	545297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265363	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.50	113	220498	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.71	98	852564	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	318585	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	77492	18.17	ug/l	98
3) Chloromethane	1.32	50	88378	15.23	ug/l	99
4) Vinyl Chloride	1.40	62	98198	16.97	ug/l	100
5) Bromomethane	1.64	94	54175	14.77	ug/l	98
6) Chloroethane	1.72	64	72140	19.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	137921	18.05	ug/l	98
8) Diethyl Ether	2.19	74	62239	18.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86999	18.22	ug/l	99
10) Methyl Iodide	2.51	142	68360	11.51	ug/l	99
11) Tert butyl alcohol	3.07	59	115576	86.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80053	17.72	ug/l	98
13) Acrolein	2.29	56	58343	80.07	ug/l	98
14) Allyl chloride	2.73	41	151343	17.38	ug/l	98
15) Acrylonitrile	3.15	53	267668	83.68	ug/l	100
16) Acetone	2.45	43	294527	88.74	ug/l	99
17) Carbon Disulfide	2.57	76	217206	17.26	ug/l	99
18) Methyl Acetate	2.78	43	125500	17.37	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	290774	18.17	ug/l	99
20) Methylene Chloride	2.86	84	95717	17.10	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	88943	17.34	ug/l	96
22) Diisopropyl ether	3.87	45	281897	17.61	ug/l	99
23) Vinyl Acetate	3.82	43	1159728	87.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	164184	17.27	ug/l	99
25) 2-Butanone	4.70	43	435013	87.18	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131568	19.19	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	100917	18.14	ug/l	99
28) Bromochloromethane	5.02	49	82832	20.36	ug/l	98
29) Tetrahydrofuran	5.16	42	215899	84.18	ug/l	99
30) Chloroform	5.21	83	163597	18.28	ug/l	98
31) Cyclohexane	5.57	56	141818	17.64	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137139	18.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123366	18.44	ug/l	99
37) Ethyl Acetate	4.86	43	130856	17.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	120340	18.90	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146632	18.59	ug/l	99
40) Benzene	6.14	78	378249	18.83	ug/l	100
41) Methacrylonitrile	5.06	41	72592	17.91	ug/l	99
42) 1,2-Dichloroethane	6.20	62	128127	18.87	ug/l	100
43) Isopropyl Acetate	6.46	43	200387	18.10	ug/l	99
44) Trichloroethene	7.21	130	101837	18.54	ug/l	98
45) 1,2-Dichloropropane	7.52	63	94545	18.23	ug/l	99
46) Dibromomethane	7.67	93	61418	18.24	ug/l	99
47) Bromodichloromethane	7.90	83	117872	18.58	ug/l	99
48) Methyl methacrylate	7.78	41	101645	18.06	ug/l	98
49) 1,4-Dioxane	7.76	88	49328	372.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	836317	91.12	ug/l	99
52) Toluene	8.79	92	242353	19.10	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130336	18.18	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146672	18.97	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	95684	18.45	ug/l	99
56) Ethyl methacrylate	9.18	69	138620	18.42	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161497	18.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	369853	99.96	ug/l	100
59) 2-Hexanone	9.49	43	645460	94.08	ug/l	99
60) Dibromochloromethane	9.59	129	93777	19.39	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99352	19.13	ug/l	98
64) Tetrachloroethene	9.34	164	94962	17.70	ug/l	96
65) Chlorobenzene	10.14	112	263578	18.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	91948	18.85	ug/l	99
67) Ethyl Benzene	10.25	91	450421	19.39	ug/l	97
68) m/p-Xylenes	10.36	106	356257	39.25	ug/l	96
69) o-Xylene	10.70	106	169836	19.82	ug/l	95
70) Styrene	10.71	104	280431	19.99	ug/l	97
71) Bromoform	10.86	173	69835	18.81	ug/l	98
73) Isopropylbenzene	11.02	105	460149	18.59	ug/l	97
74) N-amyl acetate	6.46	43	200387	15.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	147082	17.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	132539m	17.93	ug/l	
77) Bromobenzene	11.26	156	118939	18.01	ug/l	99
78) n-propylbenzene	11.36	91	525918	18.92	ug/l	99
79) 2-Chlorotoluene	11.42	91	312398	18.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373200	18.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41278	16.73	ug/l	98
82) 4-Chlorotoluene	11.51	91	363127	18.28	ug/l	100
83) tert-Butylbenzene	11.77	119	375511	18.91	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	396919	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	443252	18.91	ug/l	98
86) p-Isopropyltoluene	12.07	119	408411	19.42	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220901	18.09	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	229430	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	329273	17.97	ug/l	98
90) Hexachloroethane	12.60	117	54833	16.06	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	207151	17.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26015	14.96	ug/l	99

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ClientSampleId :
VX0809WBS01

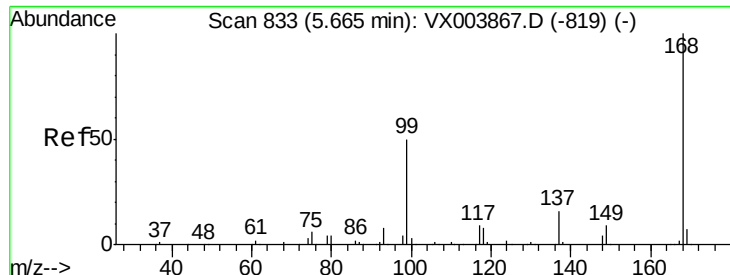
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147914	16.99	ug/l	98
94) Hexachlorobutadiene	13.79	225	72826	19.23	ug/l	97
95) Naphthalene	13.83	128	460534	18.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162378	18.69	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion:168 Resp: 420842

Ion Ratio Lower Upper

168 100

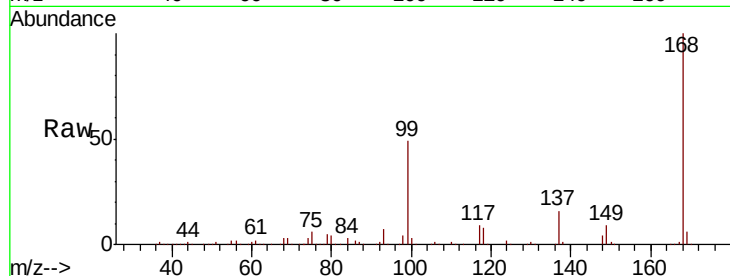
99 49.1 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

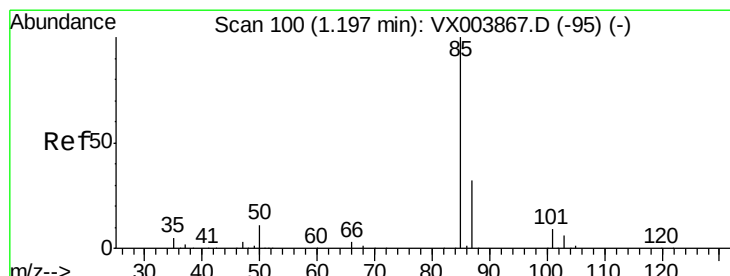
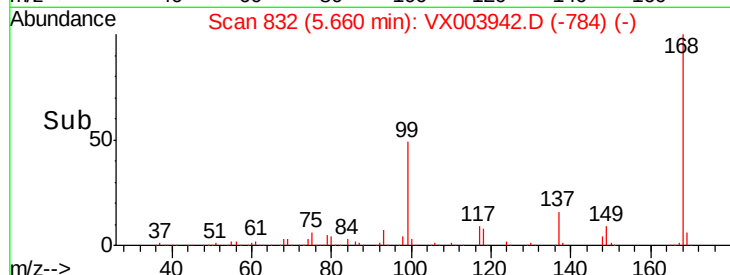
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003942.D

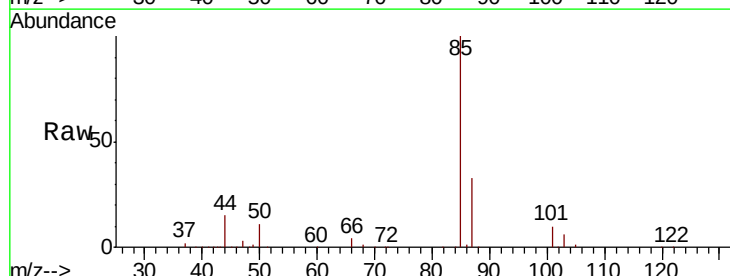
Acq: 09 Aug 2018 11:31

Tgt Ion: 85 Resp: 77492

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

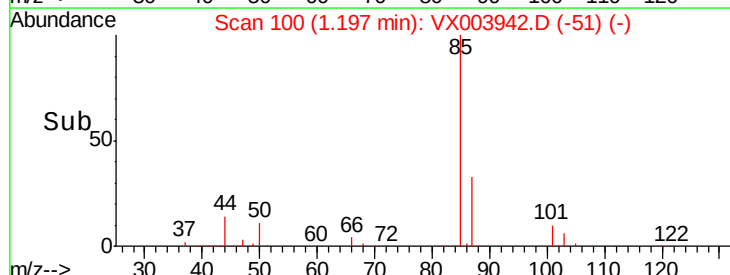
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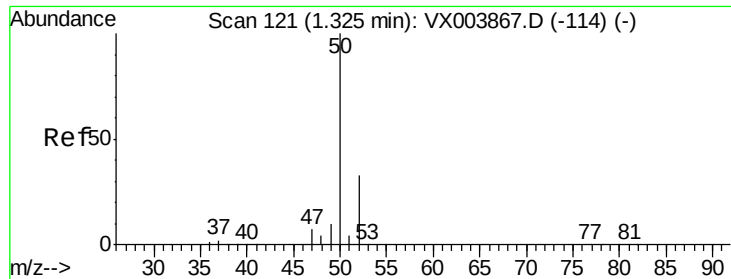
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion: 50 Resp: 88378

Ion Ratio Lower Upper

50 100

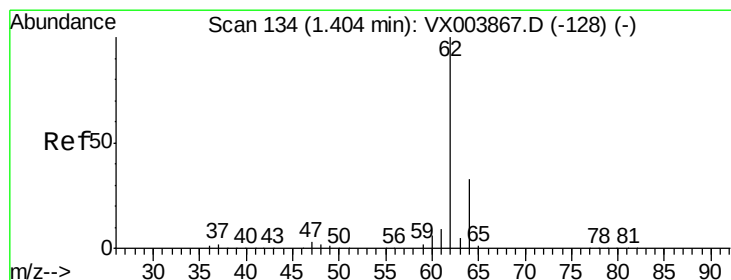
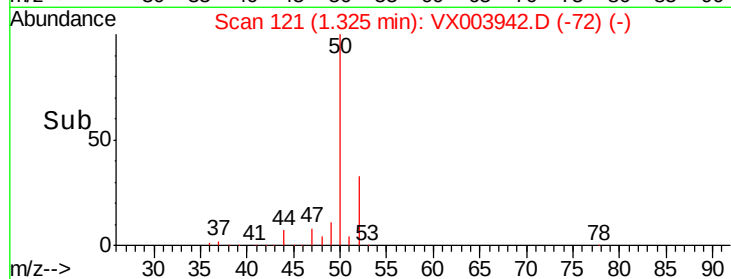
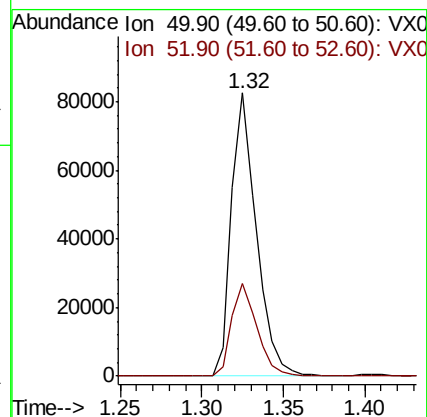
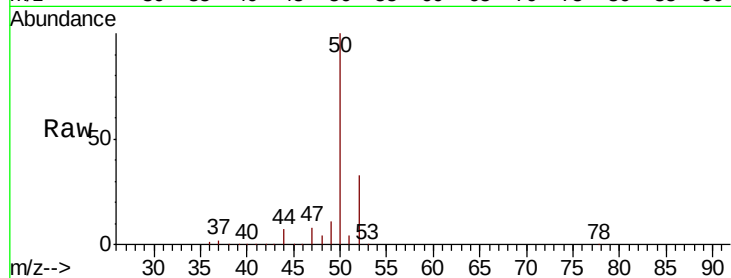
52 32.7 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.97 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003942.D

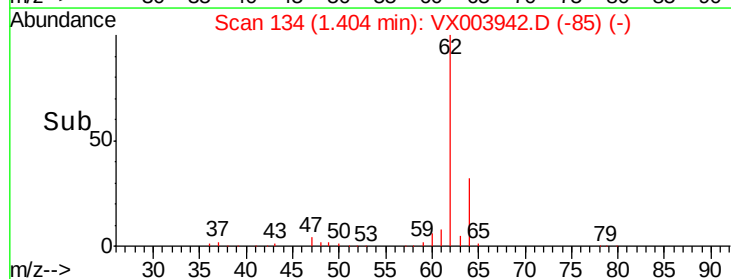
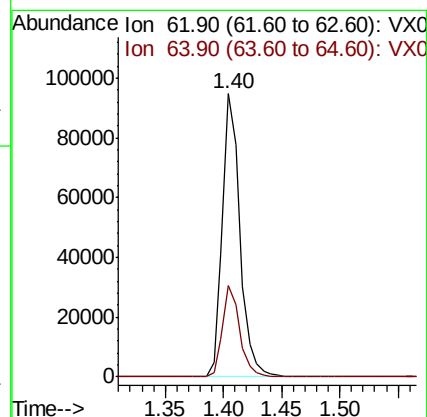
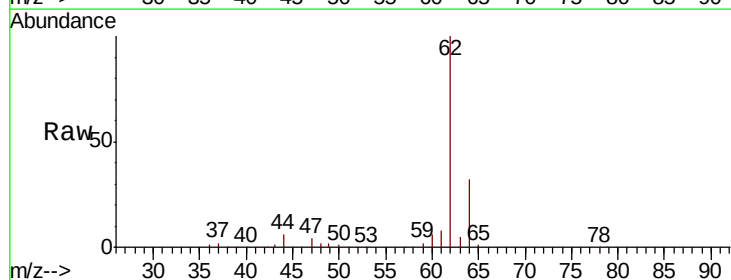
Acq: 09 Aug 2018 11:31

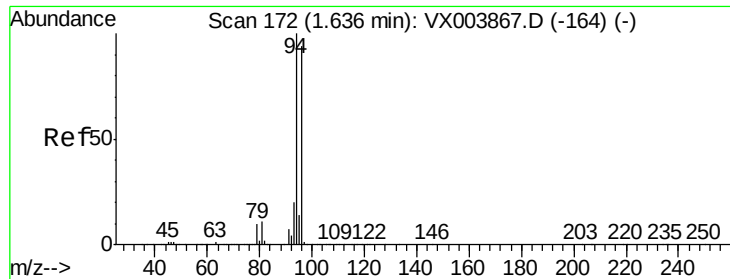
Tgt Ion: 62 Resp: 98198

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 14.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion: 94 Resp: 54175

Ion Ratio Lower Upper

94 100

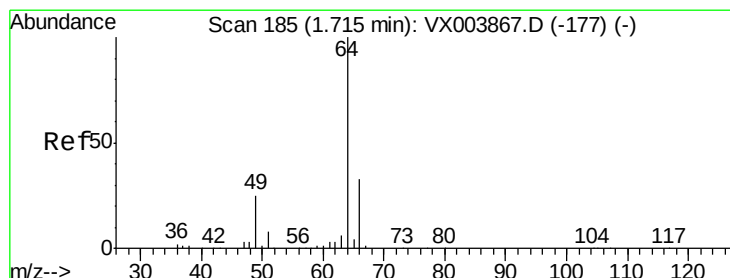
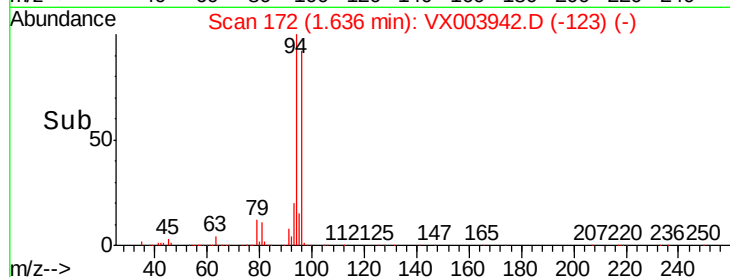
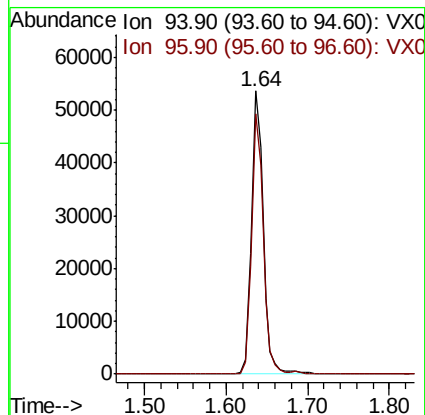
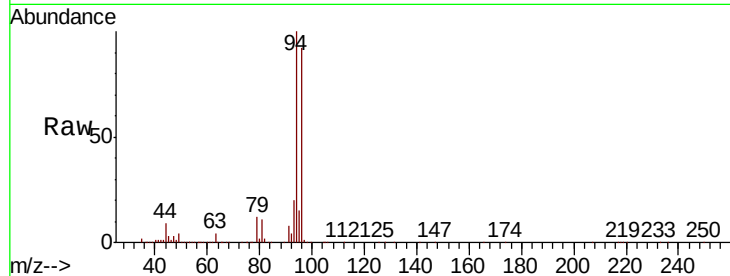
96 92.0 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003942.D

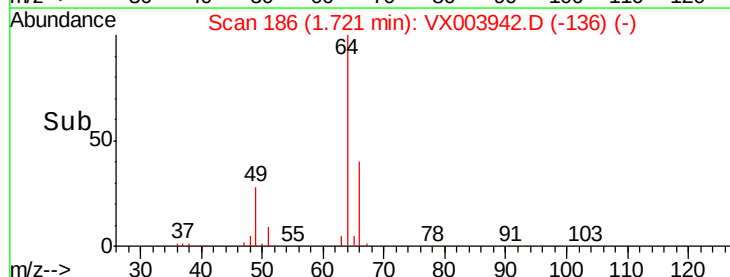
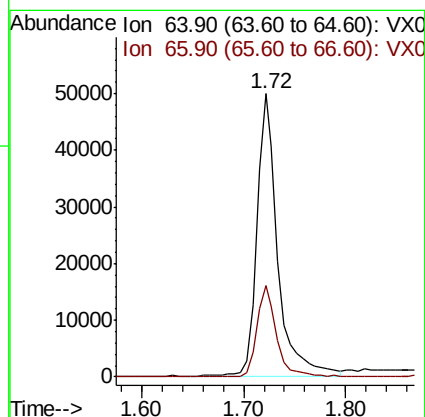
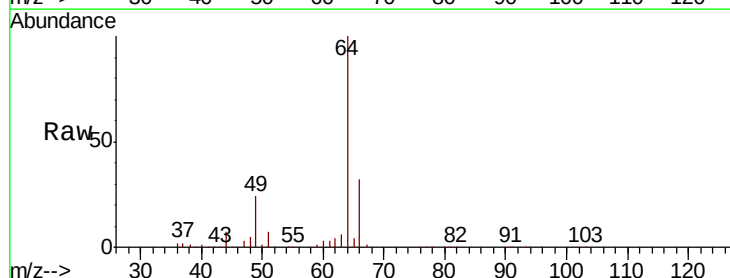
Acq: 09 Aug 2018 11:31

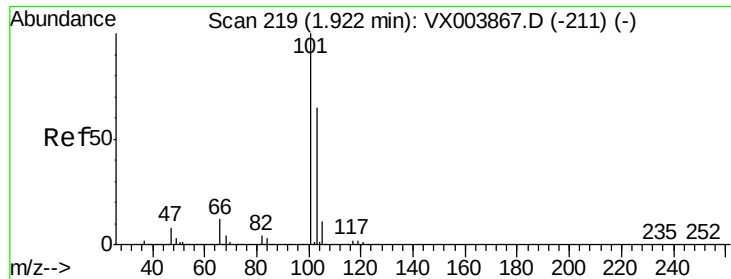
Tgt Ion: 64 Resp: 72140

Ion Ratio Lower Upper

64 100

66 32.0 26.5 39.7





#7

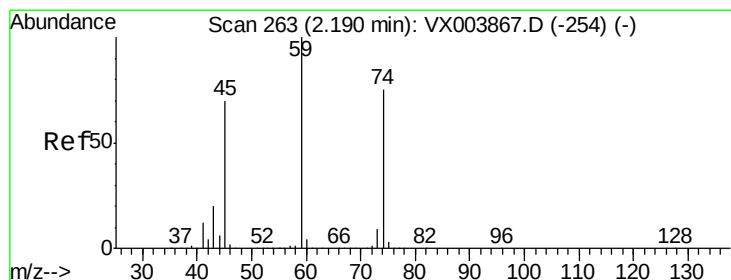
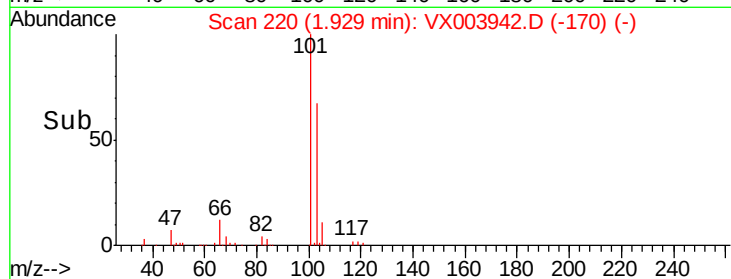
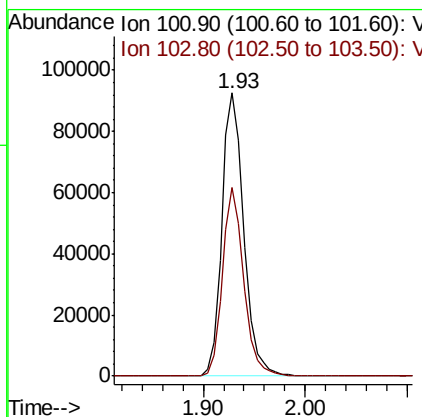
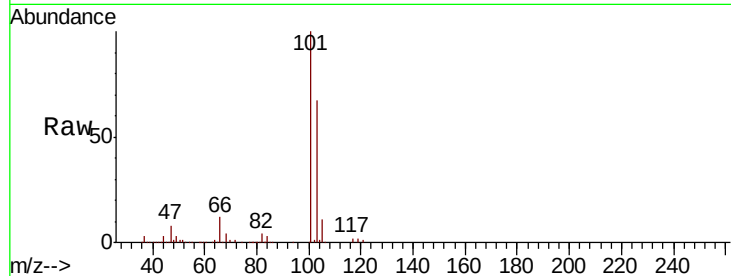
Trichlorofluoromethane
Concen: 18.05 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	52.3	78.5

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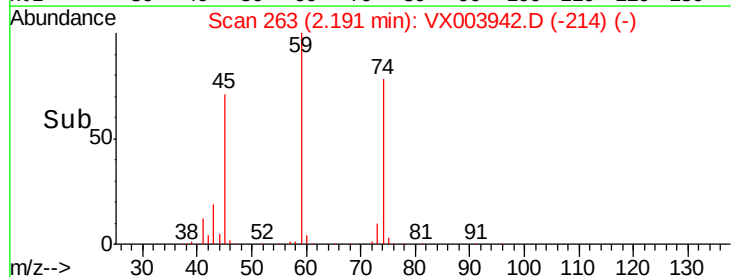
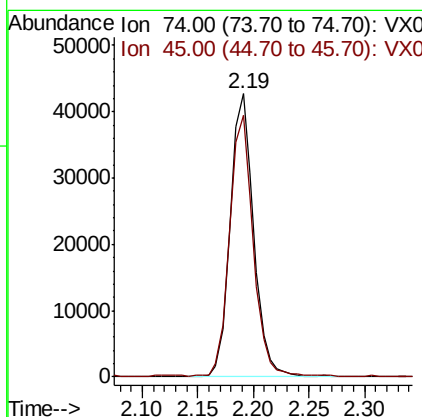
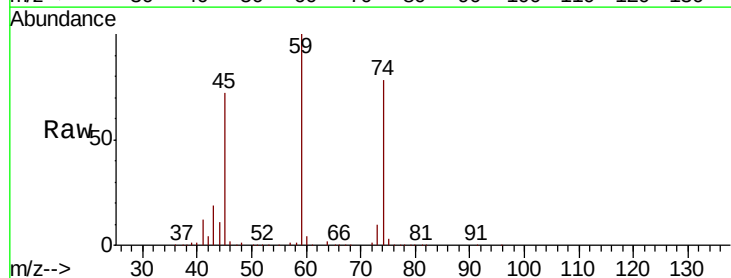
MMDadoda
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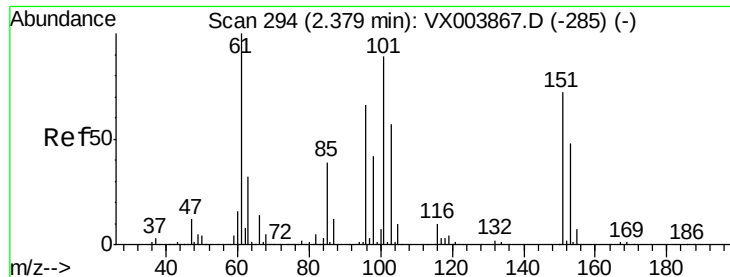


#8

Diethyl Ether
Concen: 18.12 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

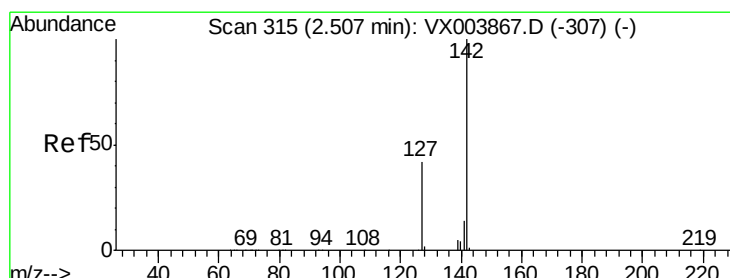
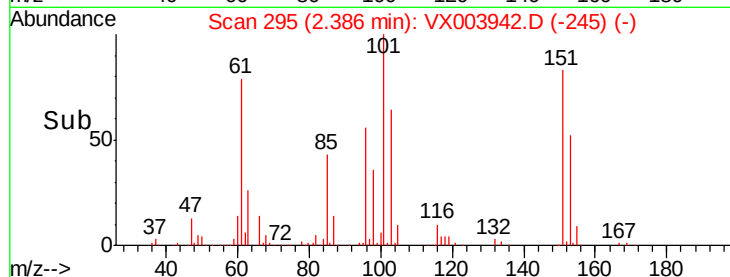
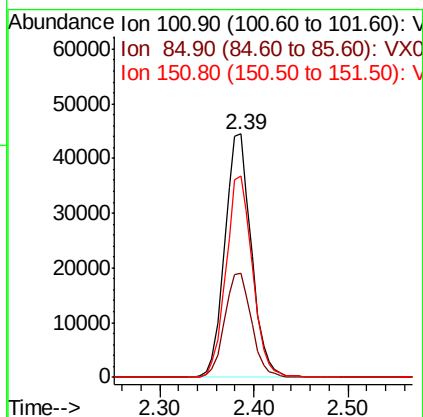
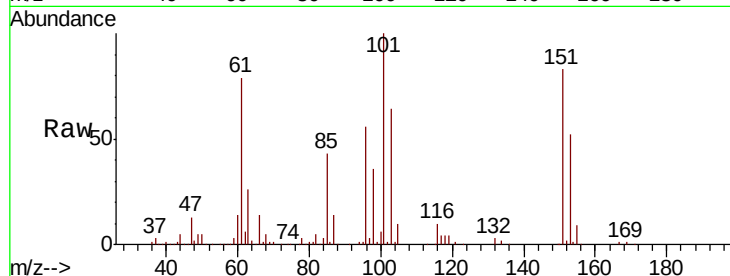
ClientSampleId :

VX0809WBS01

Tot Ion:	101	Resp:	86999
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	82.7	65.0	97.4

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#10

Methyl Iodide

Concen: 11.51 ug/l

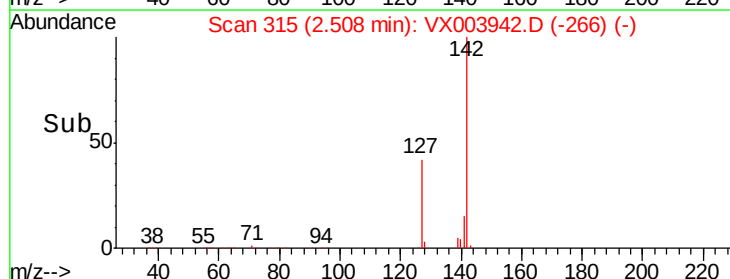
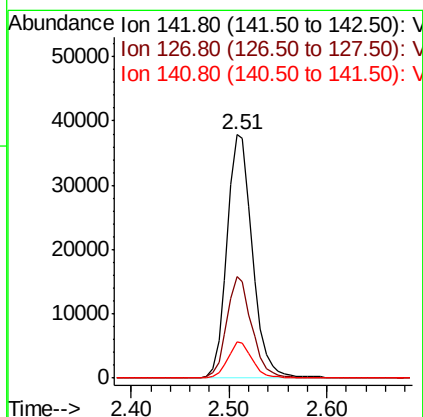
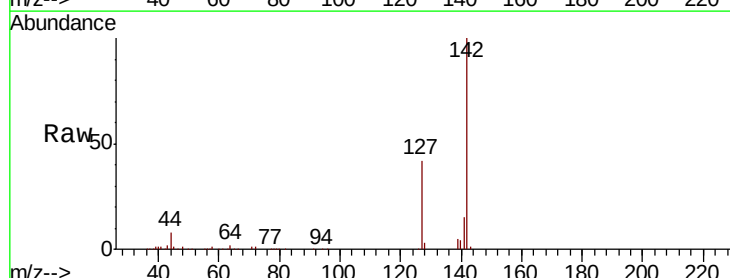
RT: 2.51 min Scan# 315

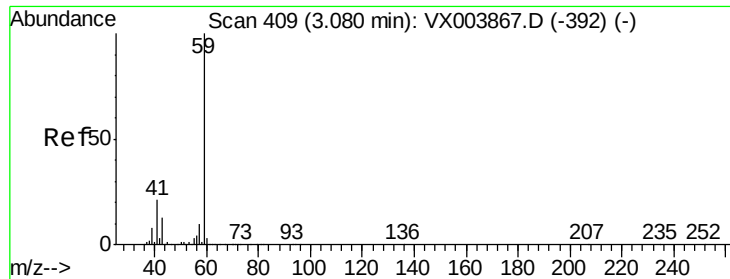
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	142	Resp:	68360
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.1	49.7
141	14.2	11.1	16.7





#11

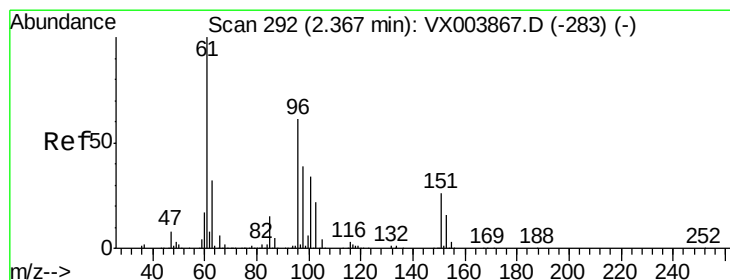
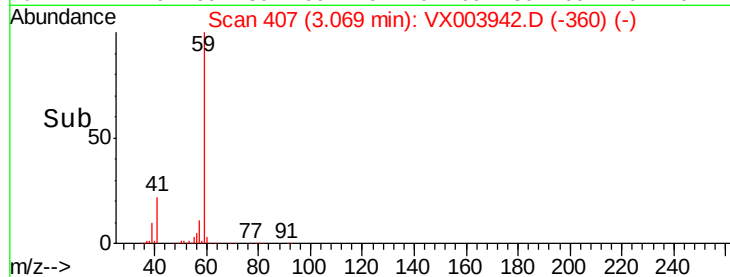
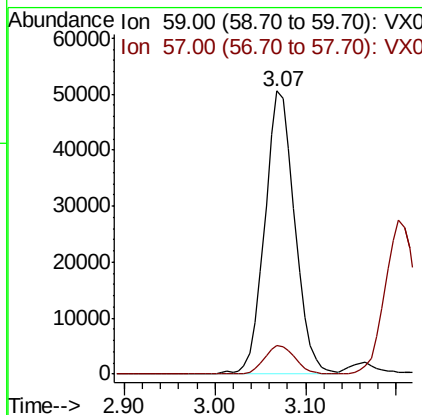
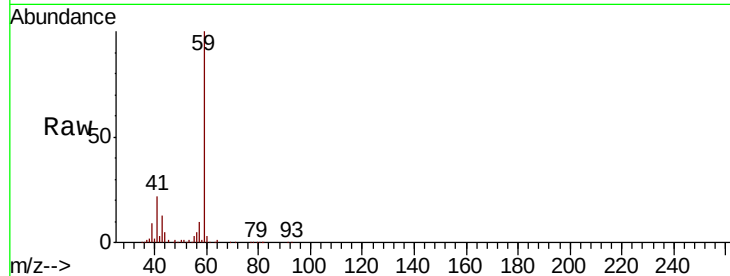
Tert butyl alcohol
Concen: 86.22 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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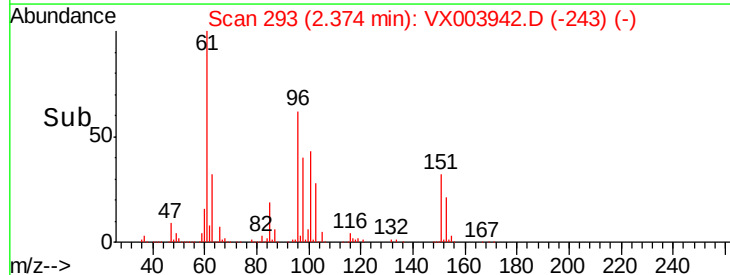
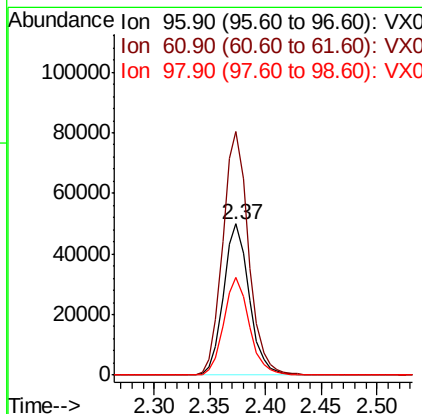
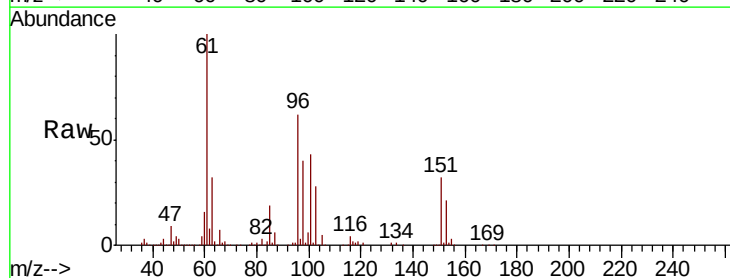
MMDadoda
8/10/2018 10:55:24 AM

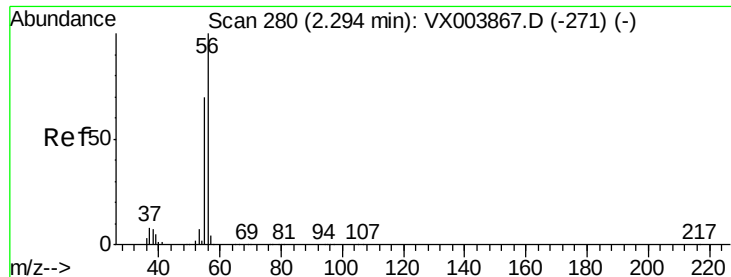


#12

1,1-Dichloroethene
Concen: 17.72 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	131.3	196.9
98	64.5	51.8	77.6





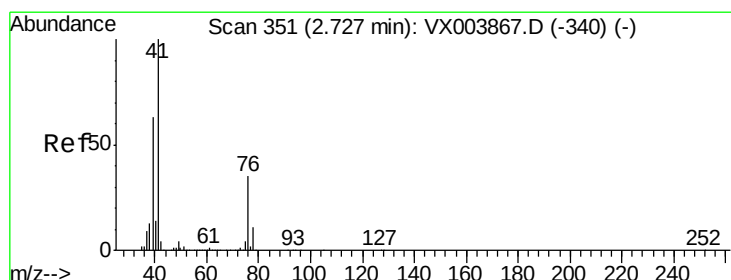
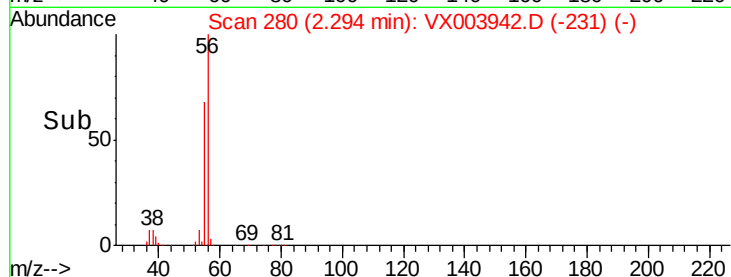
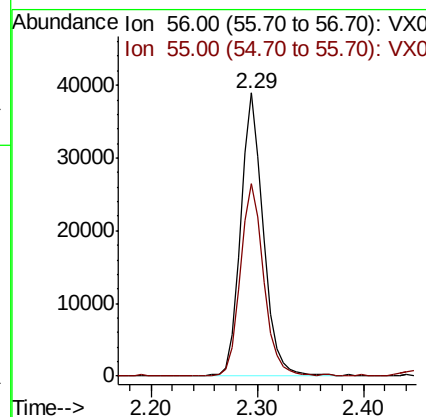
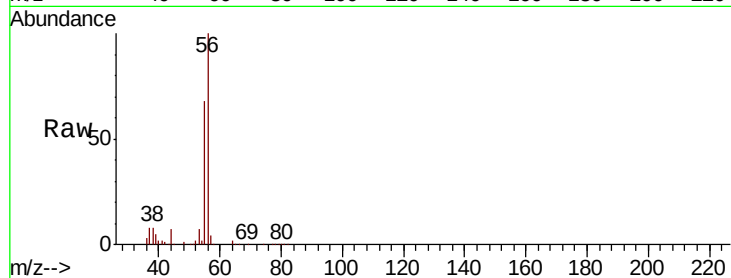
#13
Acrolein
Concen: 80.07 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	56.1	84.1

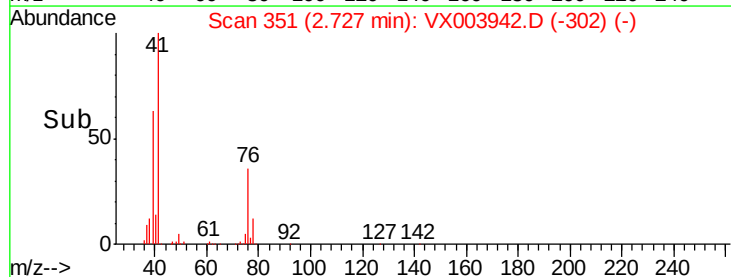
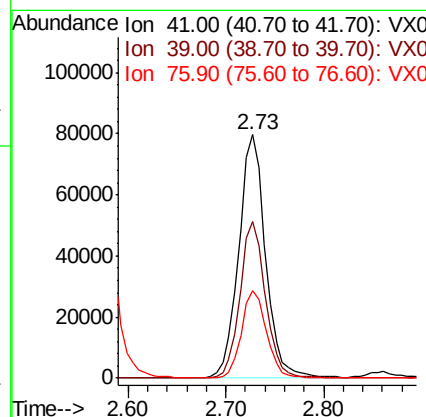
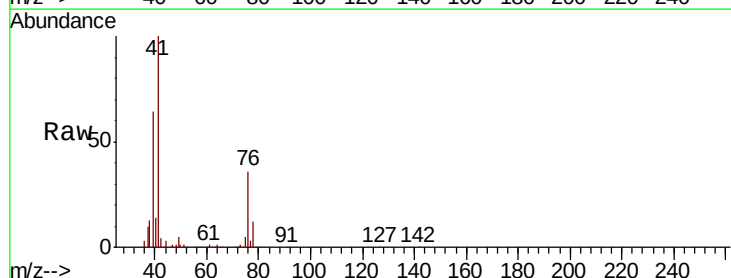
Manual Integrations
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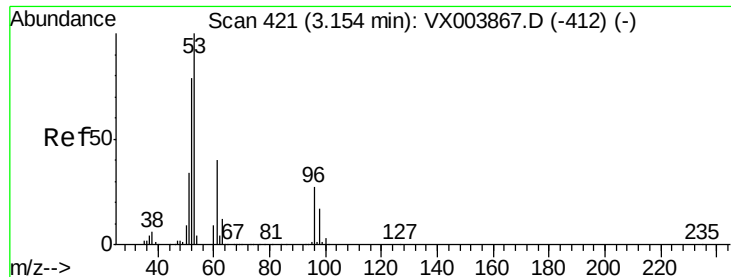
MMDadoda
8/10/2018 10:55:24 AM



#14
Allyl chloride
Concen: 17.38 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.1	47.4	71.0
76	33.7	26.0	39.0





#15

Acrylonitrile

Concen: 83.68 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

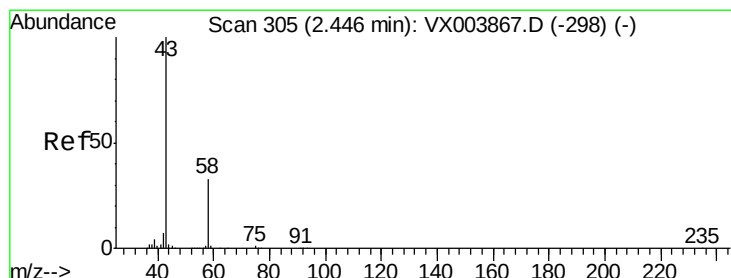
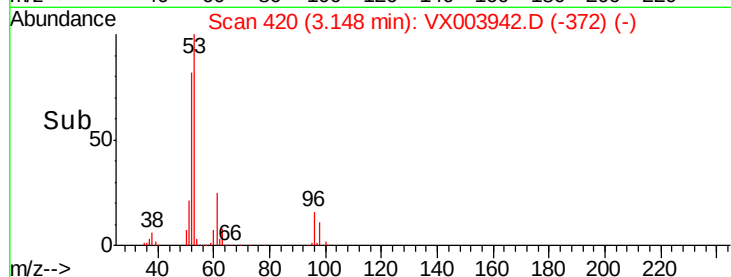
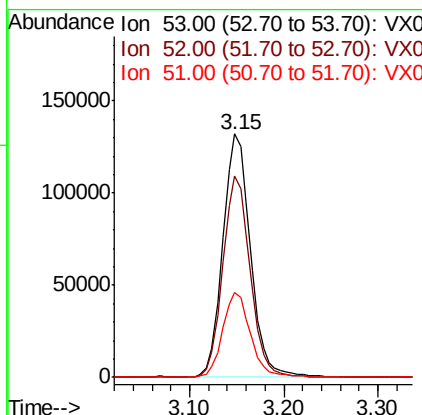
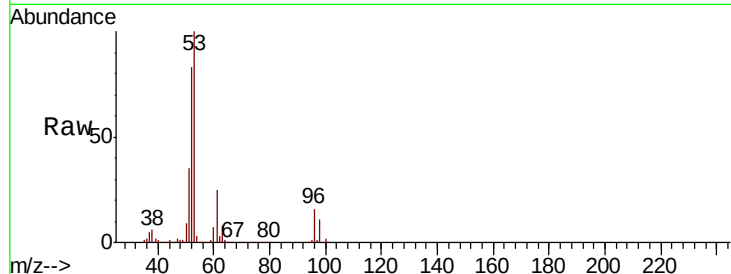
ClientSampleId :

VX0809WBS01

Tot Ion:	53	Resp:	267668
Ion Ratio		Lower	Upper
53	100		
52	81.8	65.3	97.9
51	35.0	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 88.74 ug/l

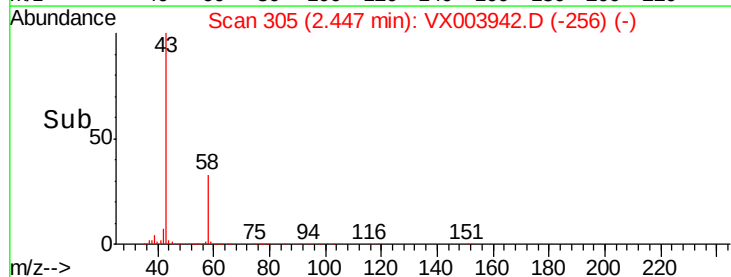
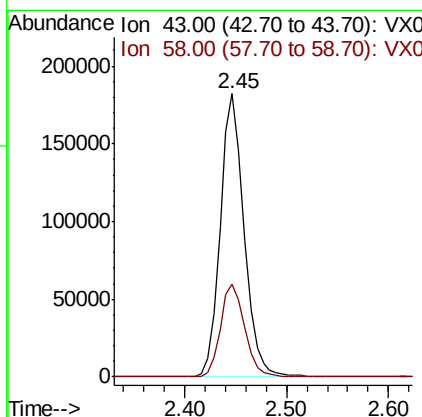
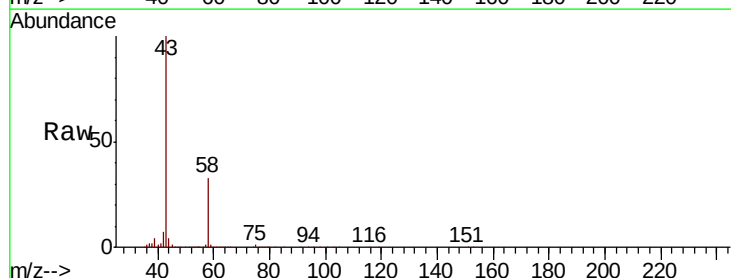
RT: 2.45 min Scan# 305

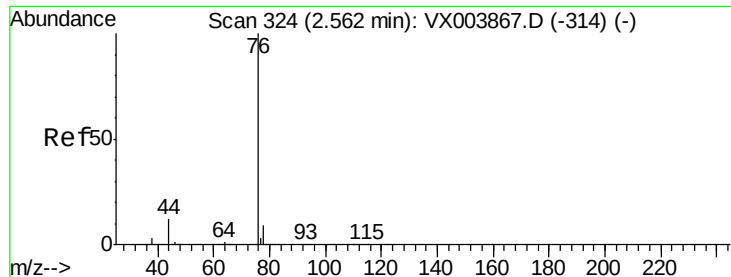
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	43	Resp:	294527
Ion Ratio		Lower	Upper
43	100		
58	32.6	26.4	39.6





#17

Carbon Disulfide

Concen: 17.26 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion: 76 Resp: 217206

Ion Ratio Lower Upper

76 100

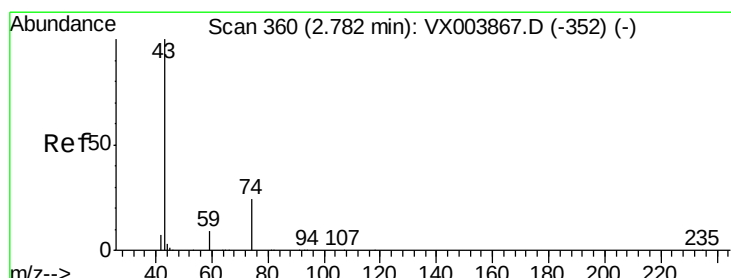
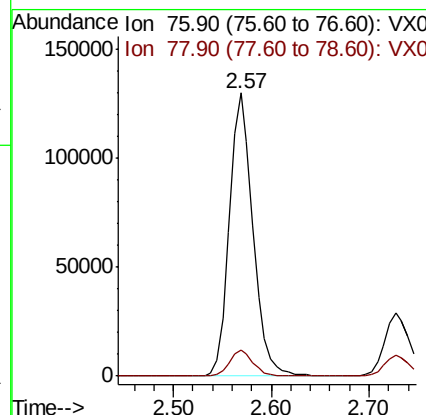
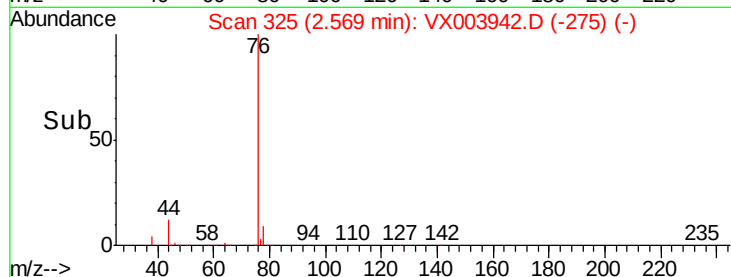
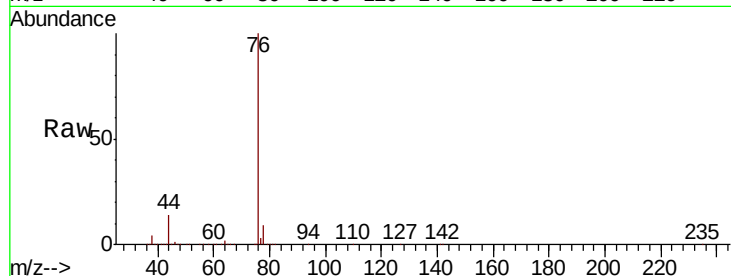
78 9.1 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 17.37 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003942.D

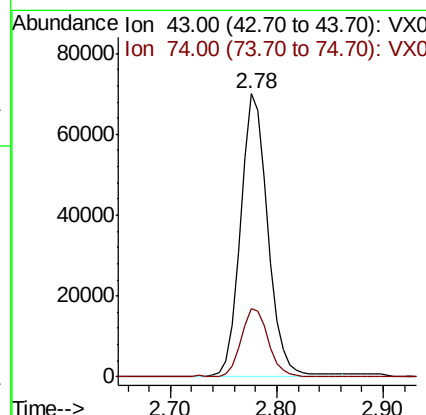
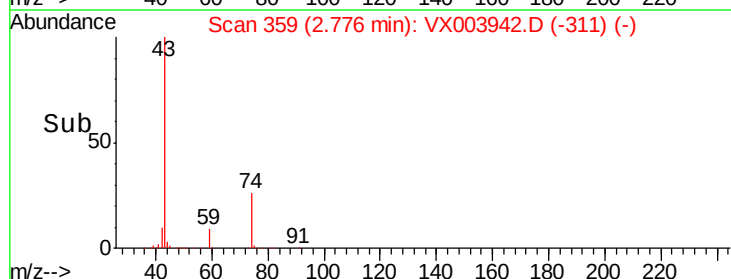
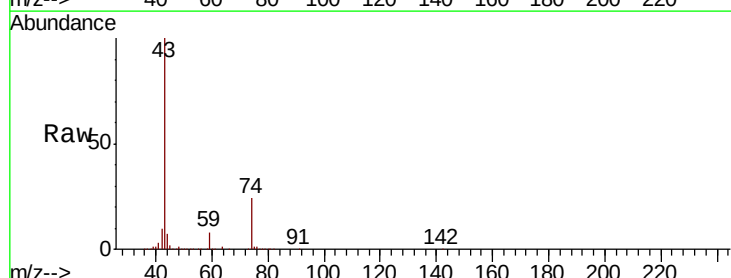
Acq: 09 Aug 2018 11:31

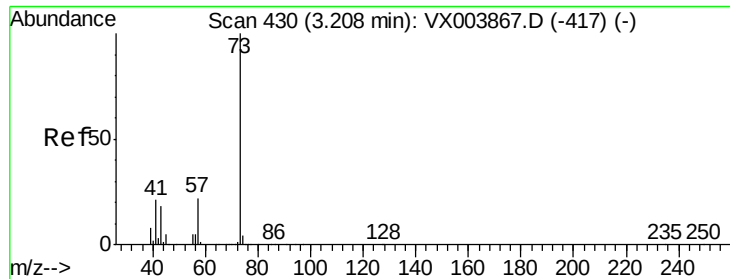
Tgt Ion: 43 Resp: 125500

Ion Ratio Lower Upper

43 100

74 24.6 18.9 28.3





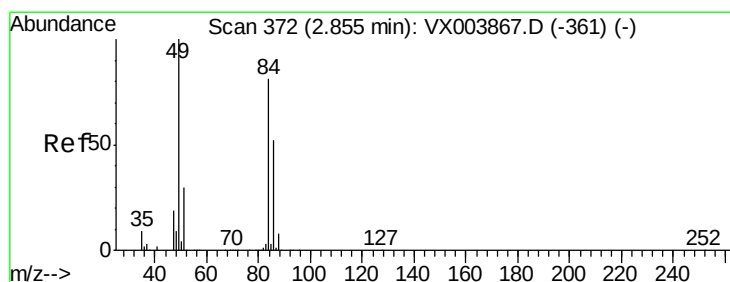
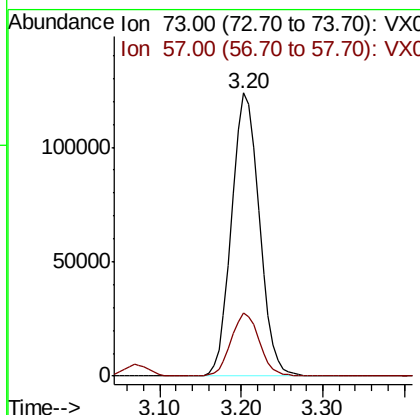
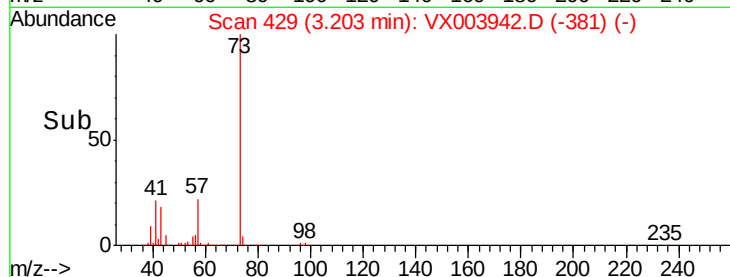
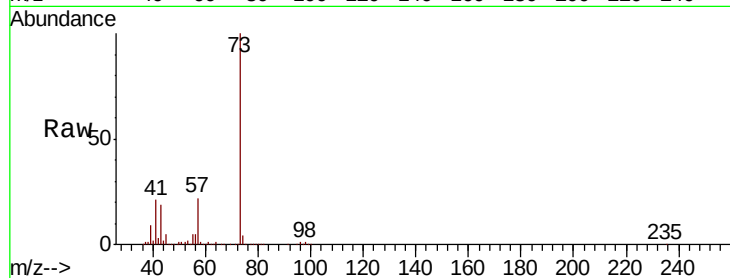
#19
Methyl tert-butyl Ether
Concen: 18.17 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

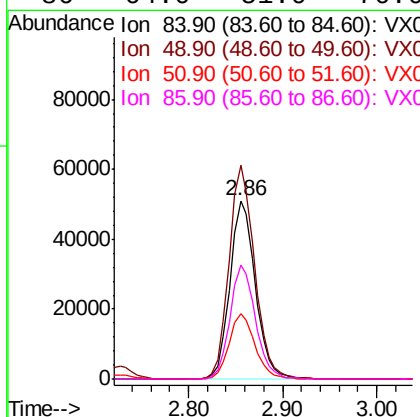
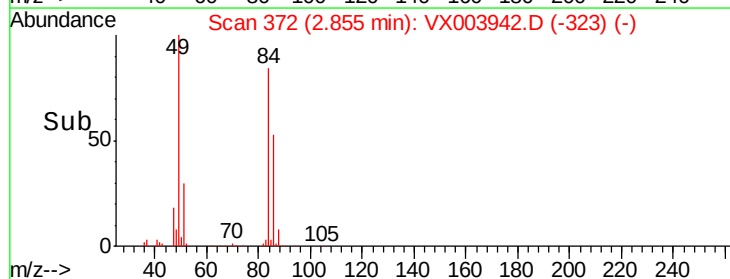
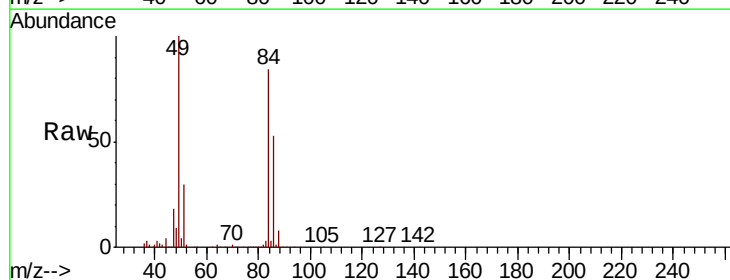
Manual Integrations
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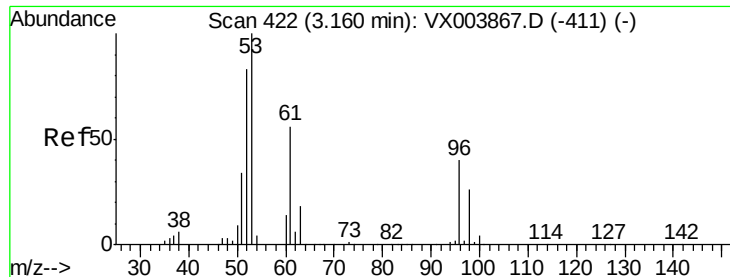
MMDadoda
8/10/2018 10:55:24 AM



#20
Methylene Chloride
Concen: 17.10 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	98.9	148.3
51	36.3	29.9	44.9
86	64.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 17.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

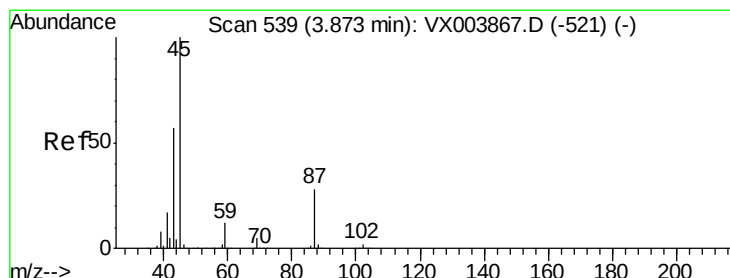
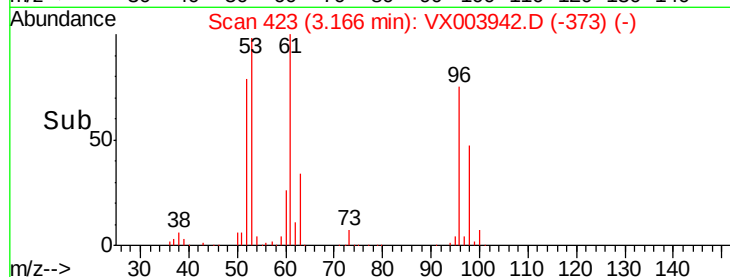
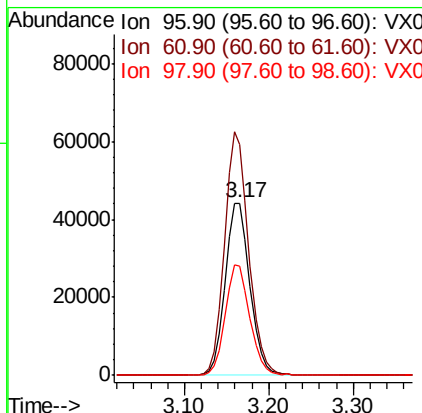
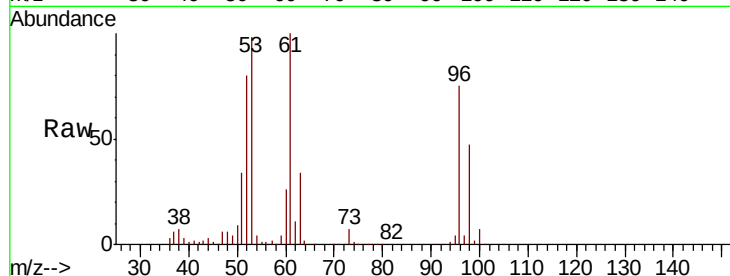
ClientSampled :

VX0809WBS01

Tot Ion:	96	Resp:	88943
Ion	Ratio	Lower	Upper
96	100		
61	133.9	111.8	167.6
98	63.3	51.8	77.6

Manual Integrations
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8/10/2018 10:55:24 AM



#22

Diisopropyl ether

Concen: 17.61 ug/l

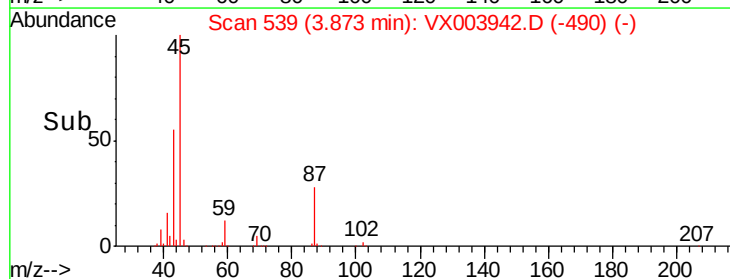
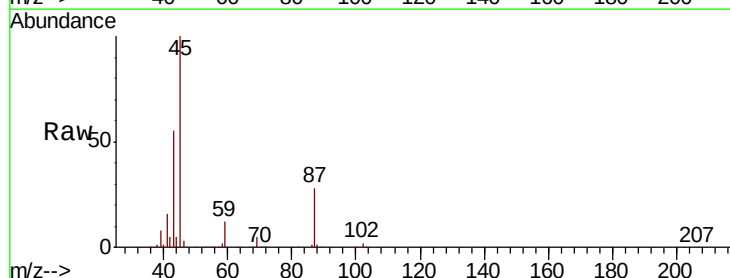
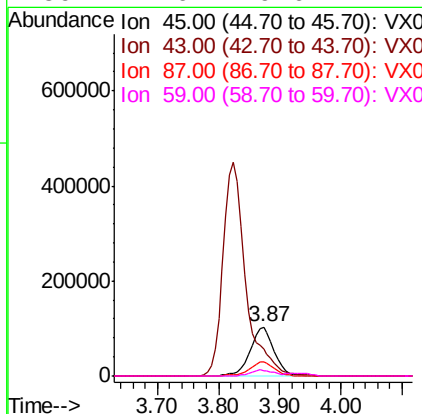
RT: 3.87 min Scan# 539

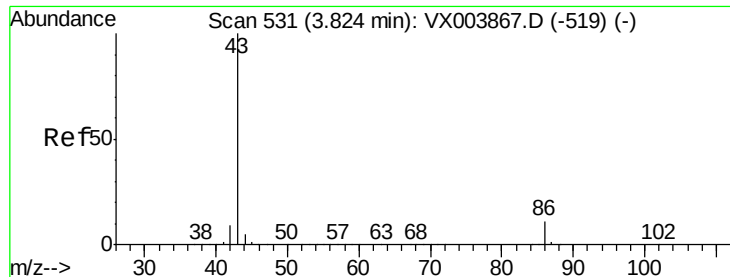
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	45	Resp:	281897
Ion	Ratio	Lower	Upper
45	100		
43	55.1	45.3	67.9
87	28.3	22.7	34.1
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 87.08 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleID :

VX0809WBS01

Tot Ion: 43 Resp: 1159728

Ion Ratio Lower Upper

43 100

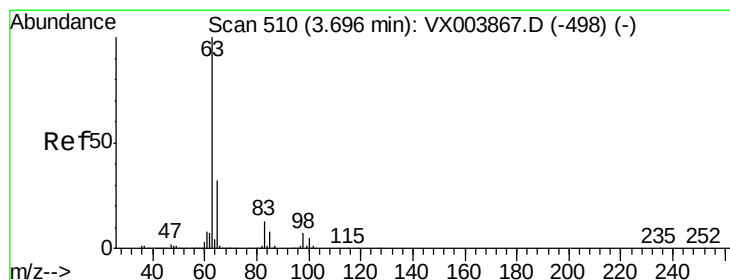
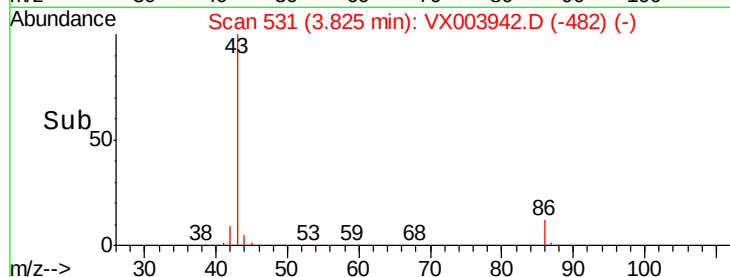
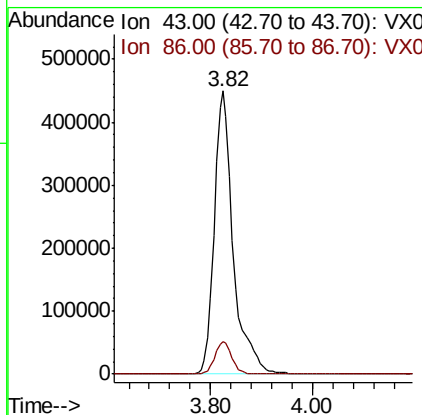
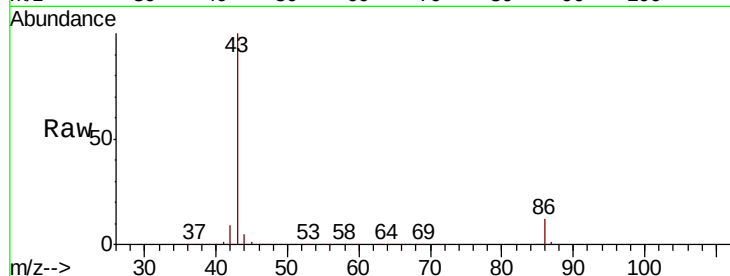
86 11.7 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.27 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

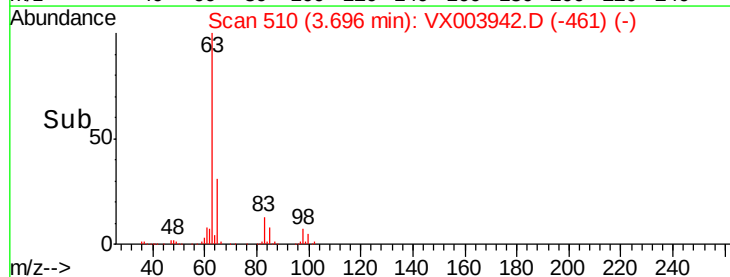
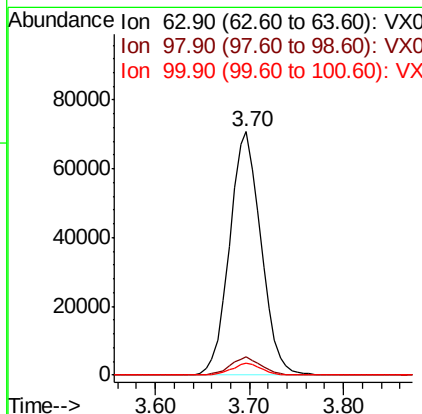
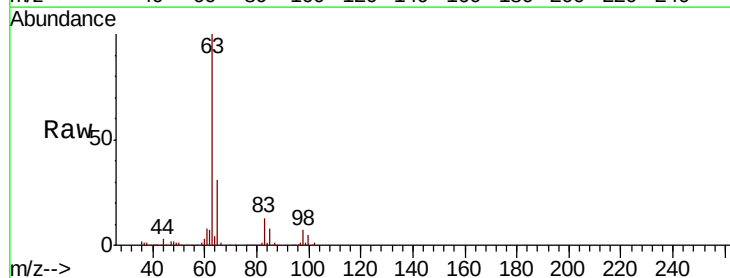
Tgt Ion: 63 Resp: 164184

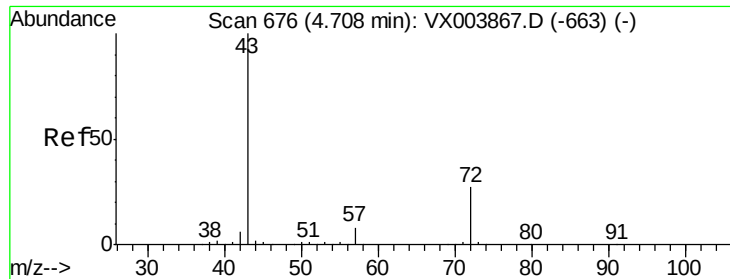
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 87.18 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion: 43 Resp: 435013

Ion Ratio Lower Upper

43 100

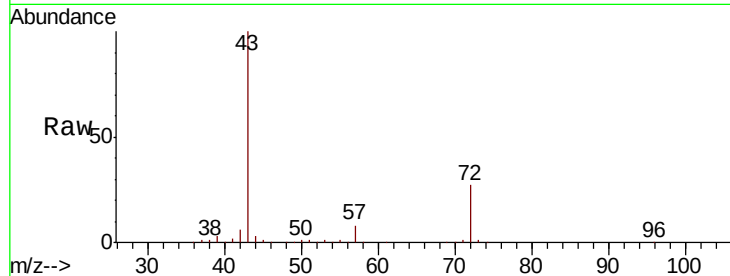
72 27.0 21.4 32.0

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

150000

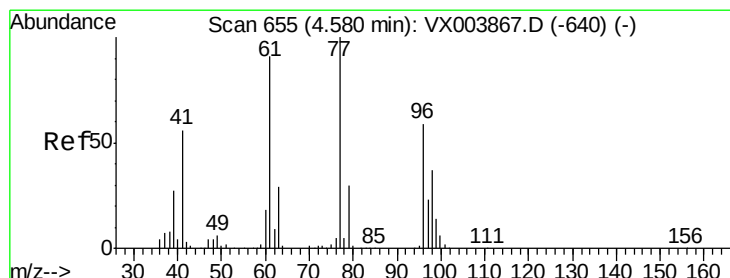
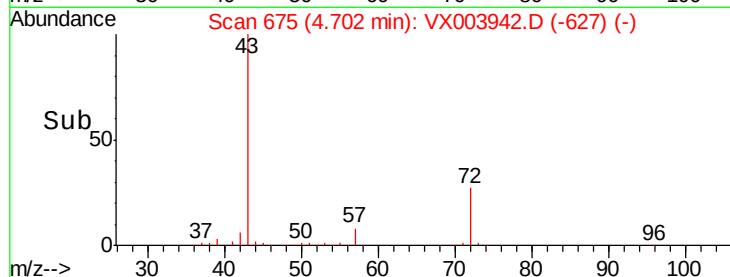
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003942.D

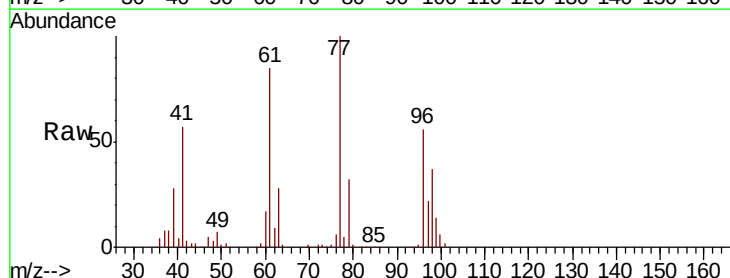
Acq: 09 Aug 2018 11:31

Tgt Ion: 77 Resp: 131568

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

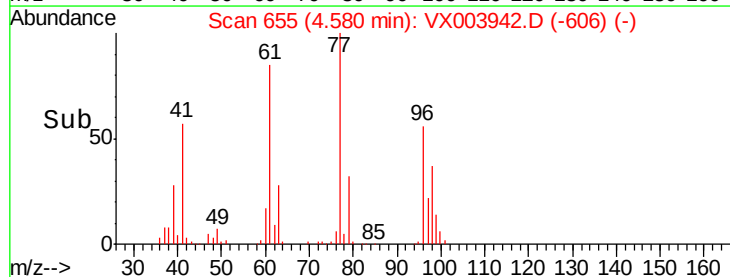
20000

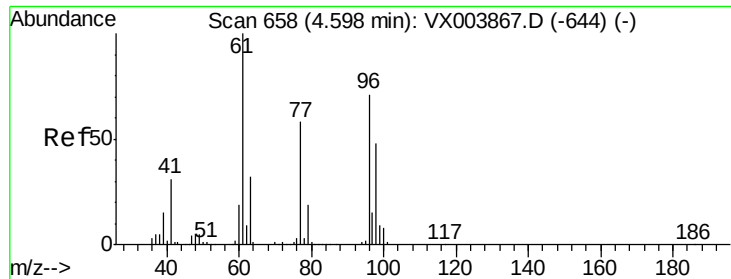
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.14 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

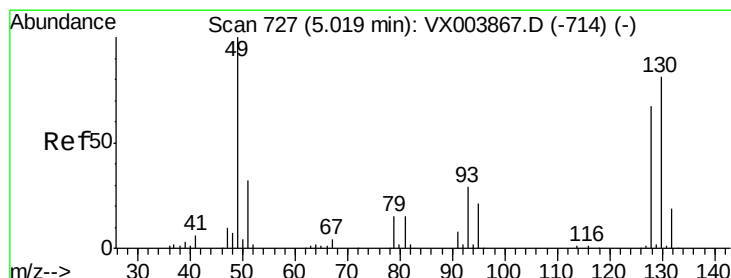
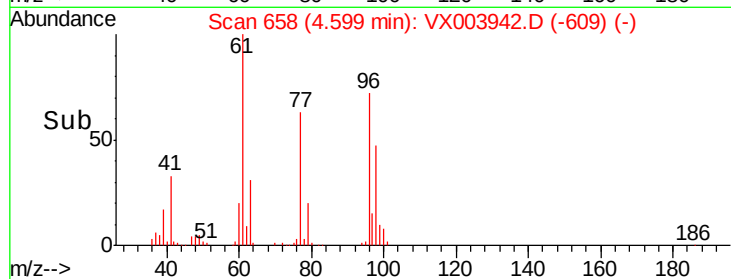
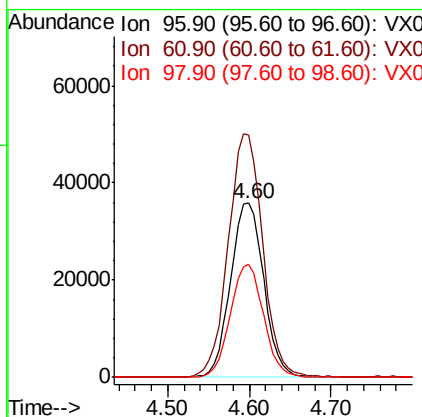
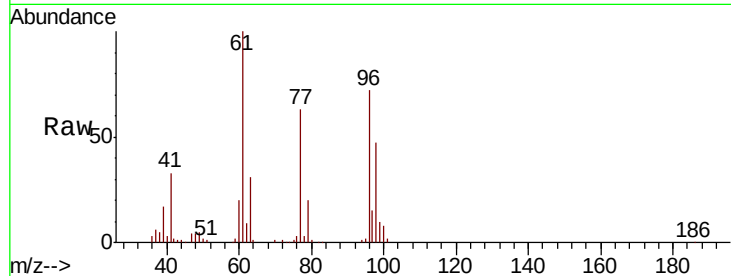
ClientSampleId :

VX0809WBS01

Tot Ion:	96	Resp:	100917
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	293.0
98	64.6	0.0	131.8

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#28

Bromochloromethane

Concen: 20.36 ug/l

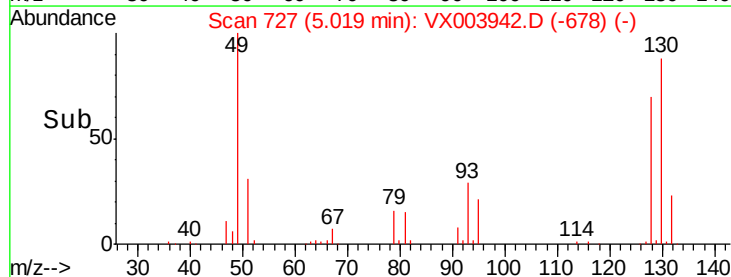
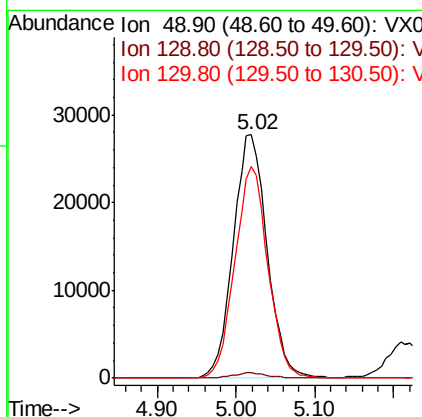
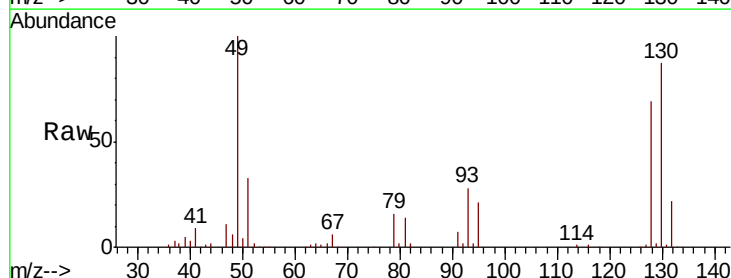
RT: 5.02 min Scan# 727

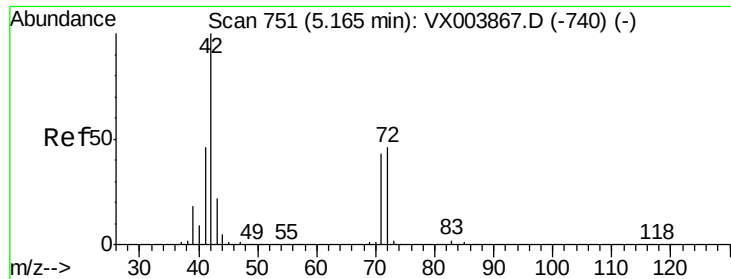
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	49	Resp:	82832
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.5	66.5	99.7





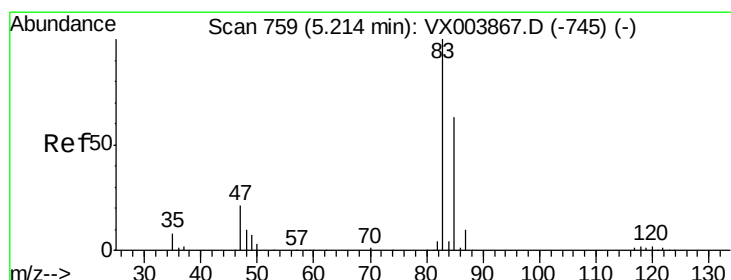
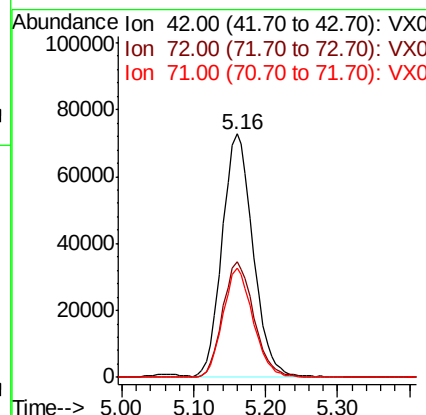
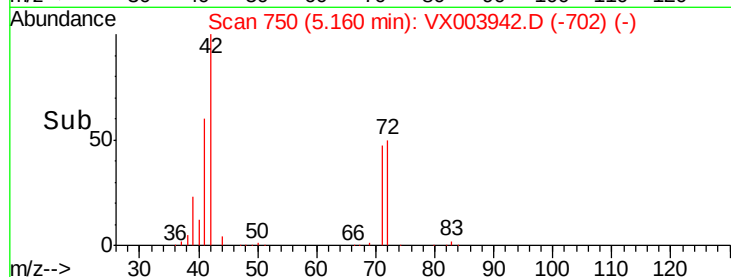
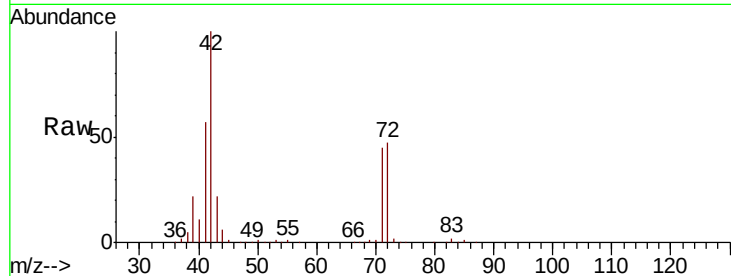
#29
Tetrahydrofuran
Concen: 84.18 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.7	56.5
71	44.2	35.0	52.6

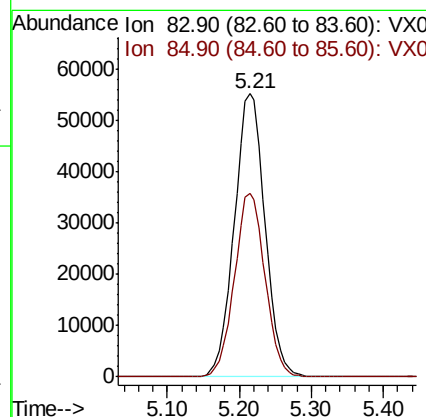
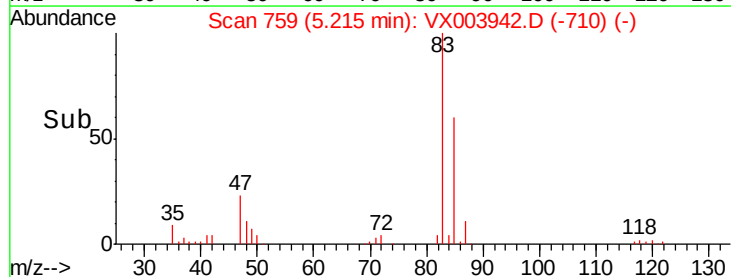
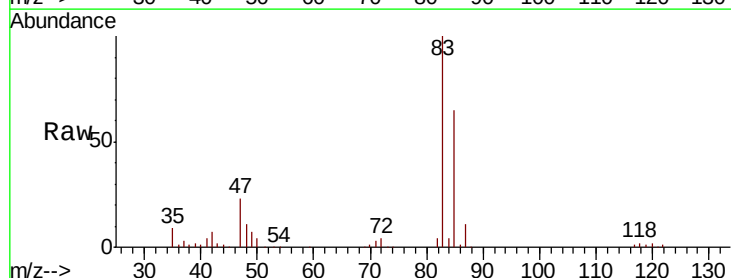
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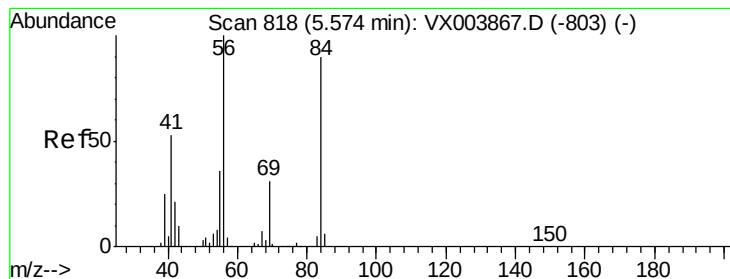
MMDadoda
8/10/2018 10:55:24 AM



#30
Chloroform
Concen: 18.28 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1





#31

Cyclohexane

Concen: 17.64 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

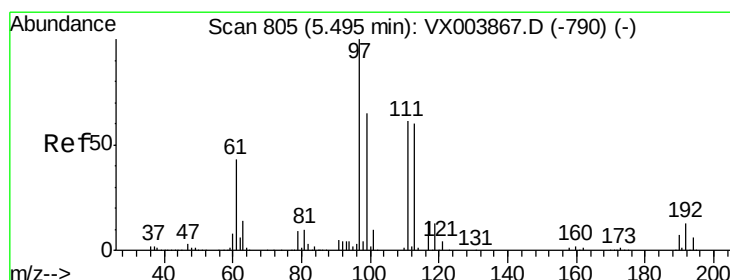
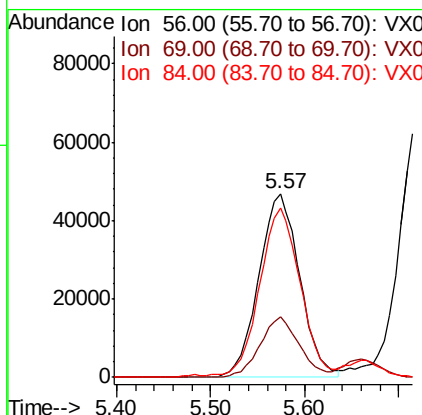
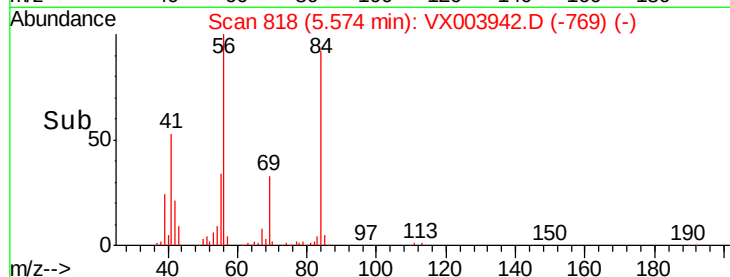
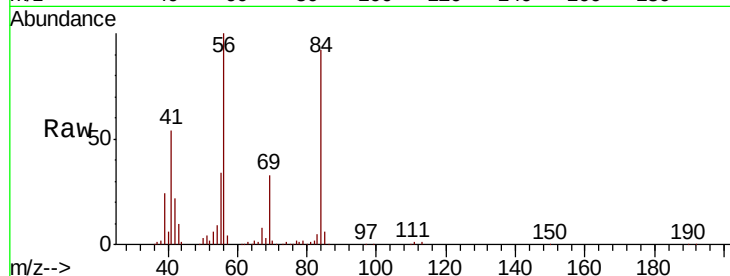
ClientSampleId :

VX0809WBS01

Tot Ion:	56	Resp:	141818
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.9	37.3
84	91.4	71.7	107.5

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#32

1,1,1-Trichloroethane

Concen: 18.27 ug/l

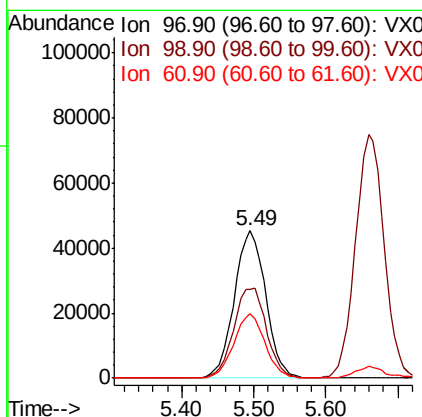
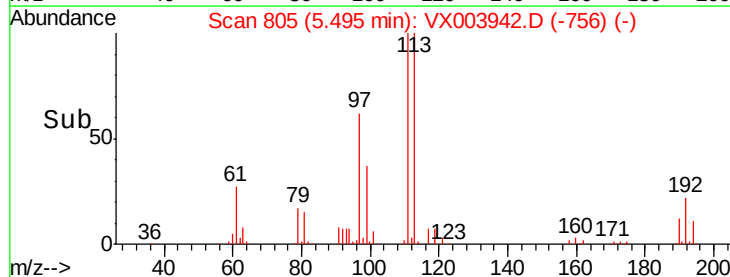
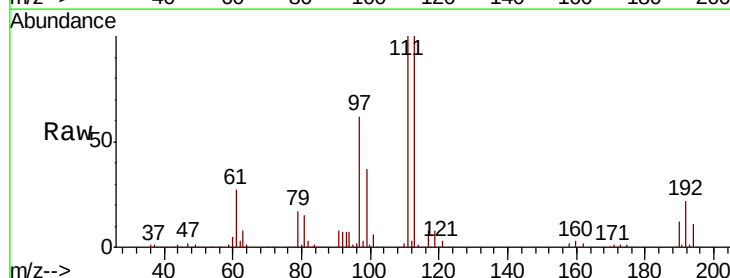
RT: 5.49 min Scan# 805

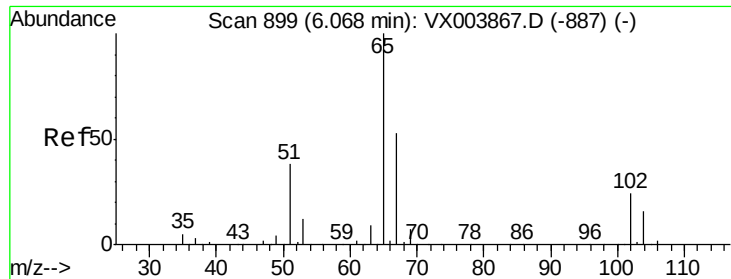
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	97	Resp:	137139
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	43.4	34.4	51.6





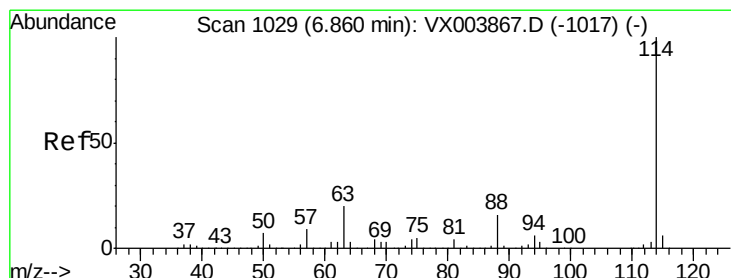
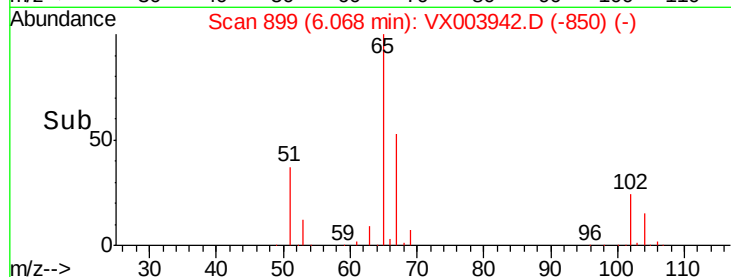
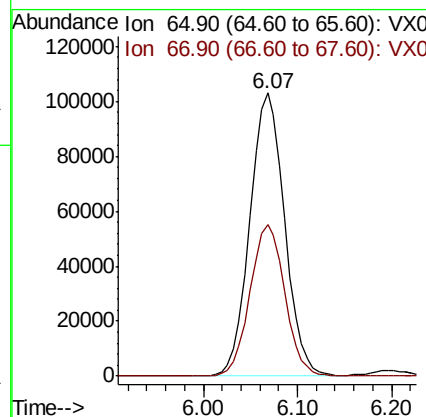
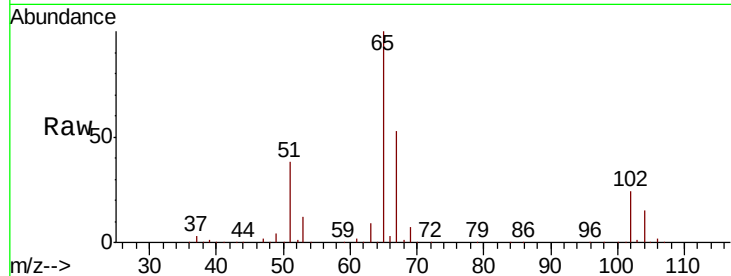
#33
 1,2-Dichloroethane-d4
 Concen: 47.57 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	265363		
67	53.7	0.0	105.8	

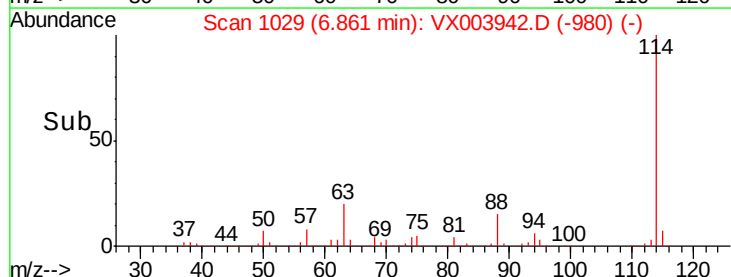
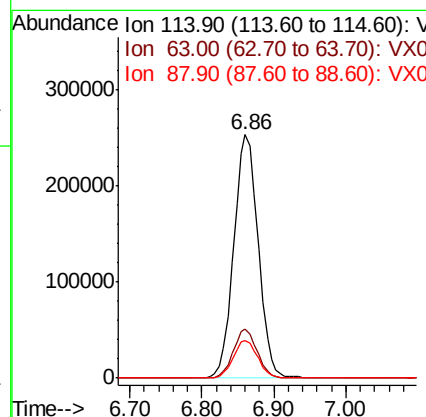
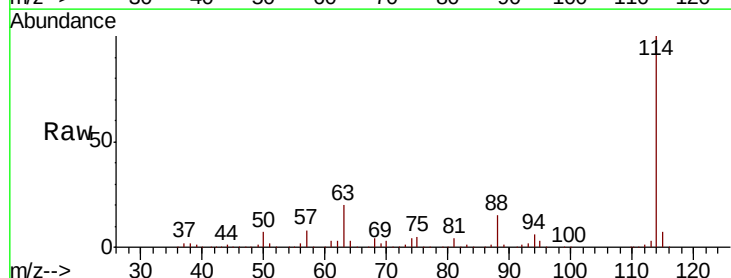
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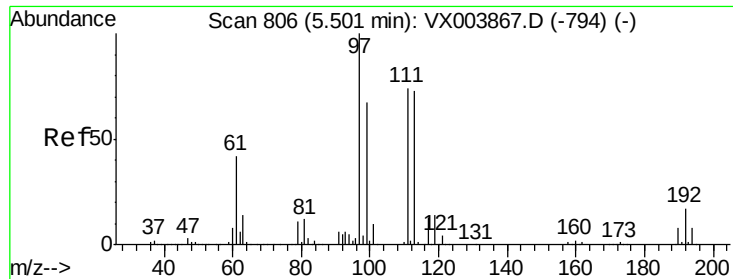
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	597234		
63	20.3	0.0	39.0	
88	15.5	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

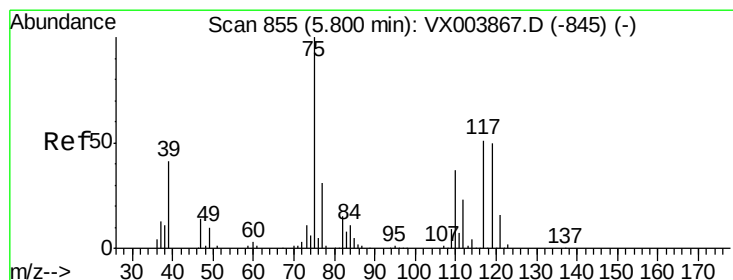
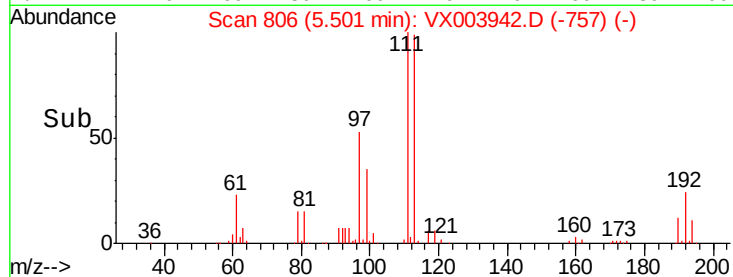
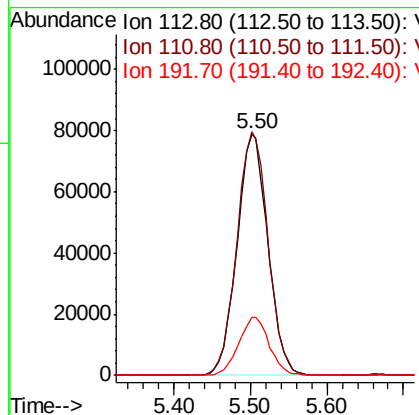
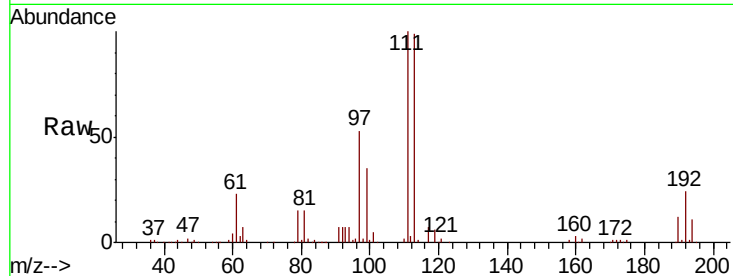
ClientSampleId :

VX0809WBS01

Tot Ion:	113	Resp:	220498
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	23.7	19.0	28.4

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#36

1,1-Dichloropropene

Concen: 18.44 ug/l

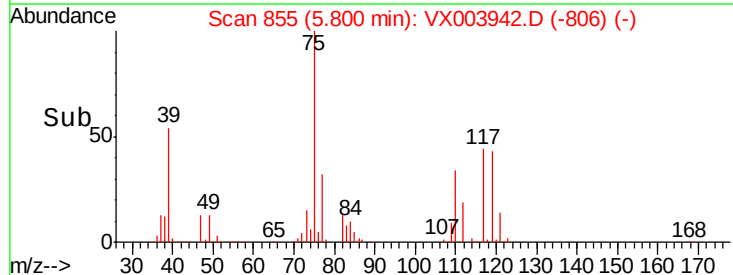
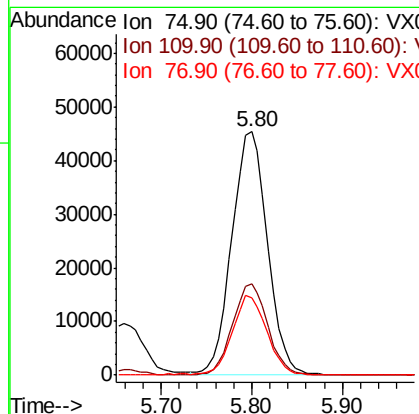
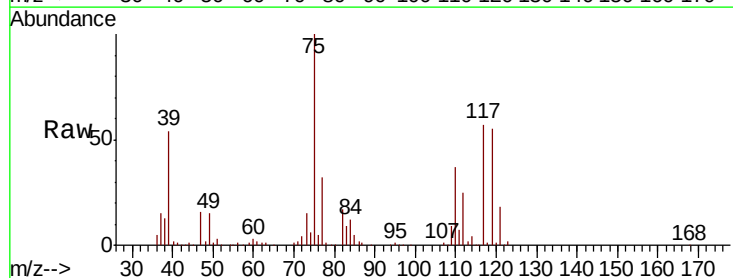
RT: 5.80 min Scan# 855

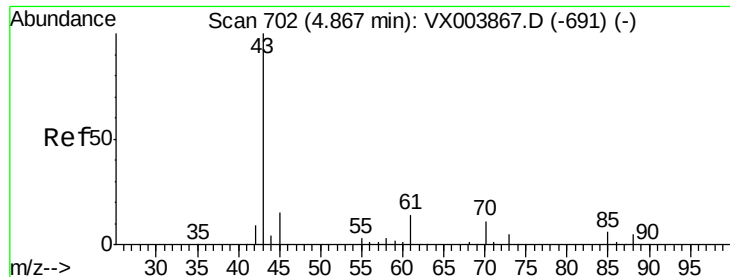
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	75	Resp:	123366
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.2	54.6
77	31.8	25.0	37.4





#37

Ethyl Acetate

Concen: 17.78 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

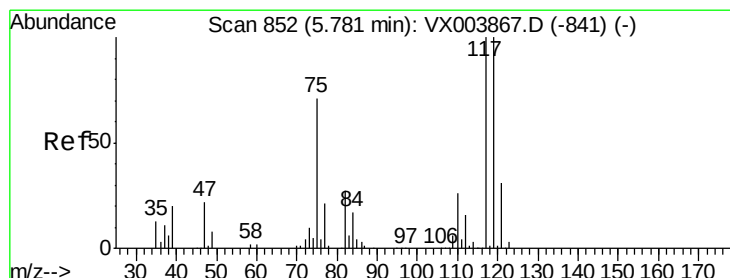
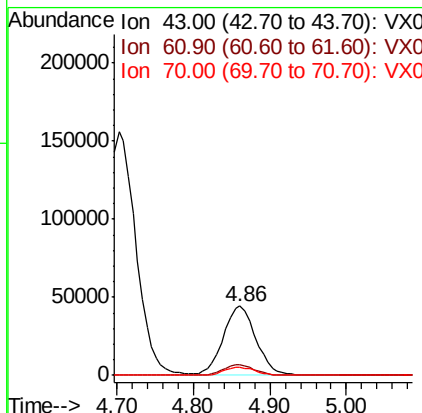
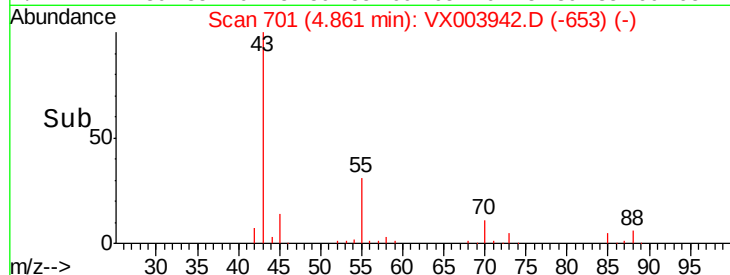
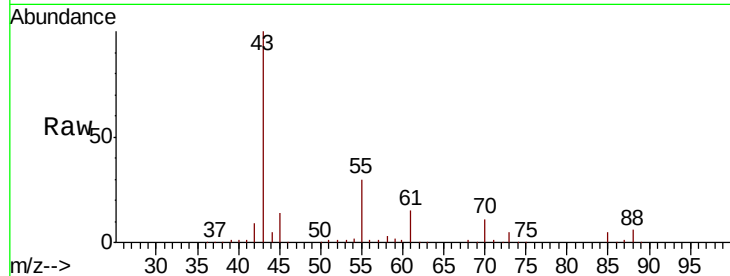
ClientSampleId :

VX0809WBS01

Tot Ion:	43	Resp:	130856
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.4	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 18.90 ug/l

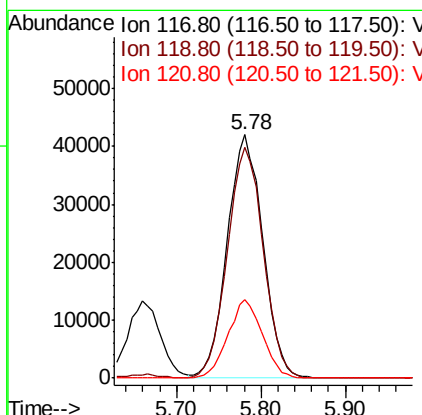
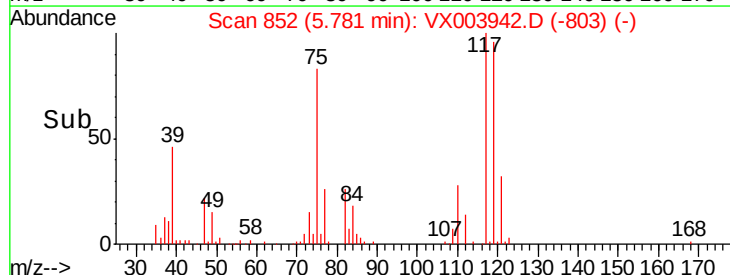
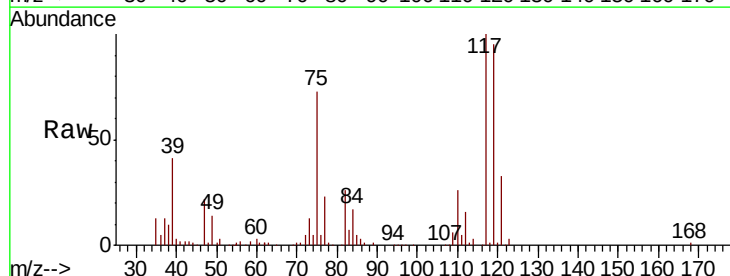
RT: 5.78 min Scan# 852

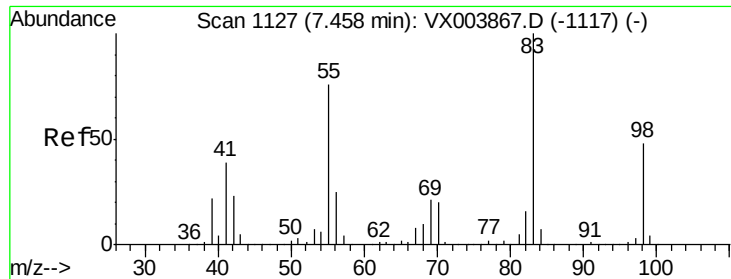
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	117	Resp:	120340
Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.5	119.3
121	32.5	25.0	37.4





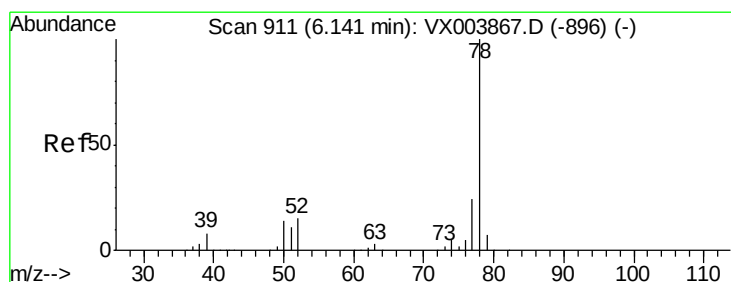
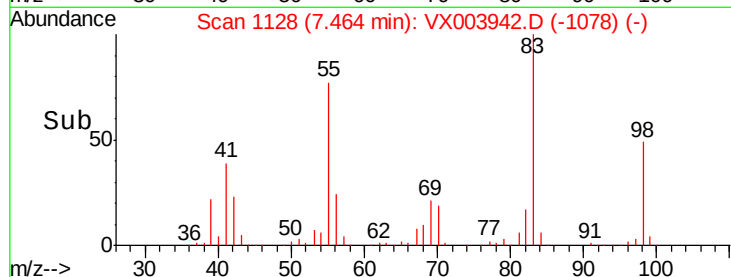
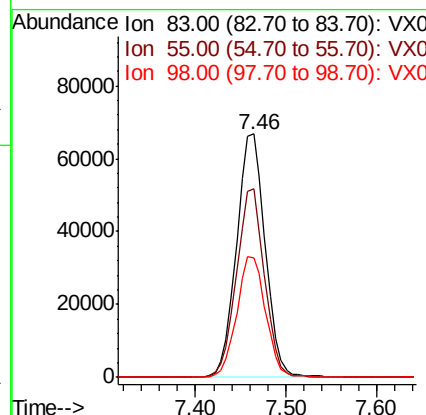
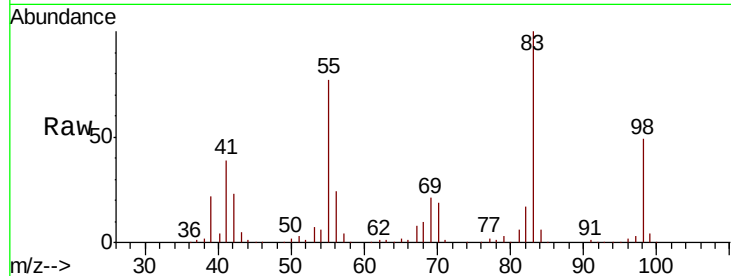
#39
Methylvlcyclohexane
Concen: 18.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.4	61.0	91.6	
98	48.9	38.6	57.8	

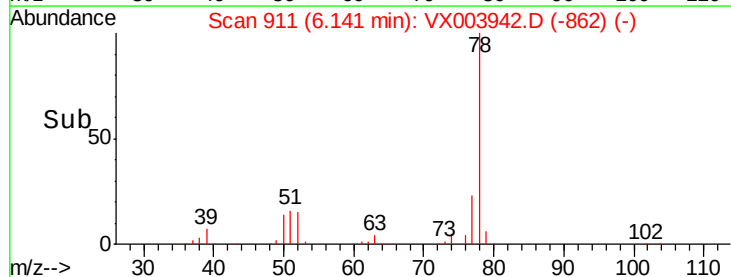
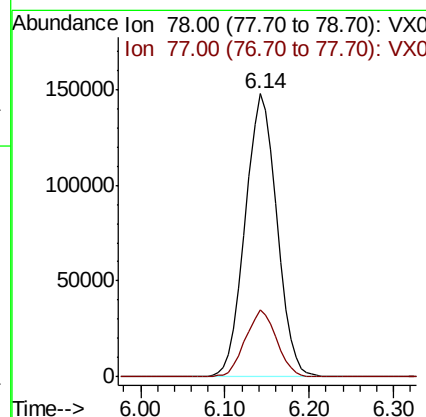
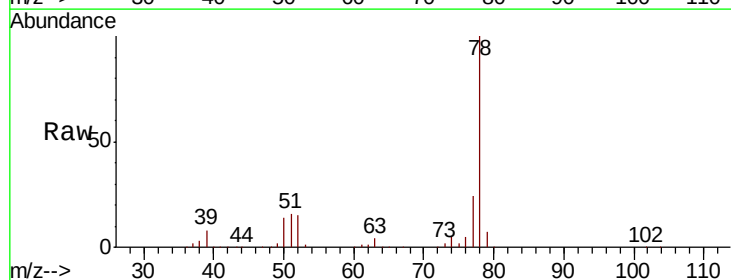
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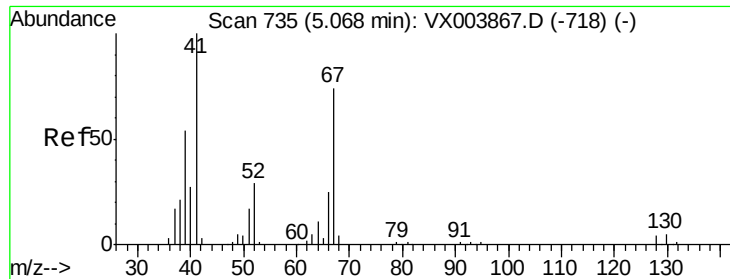
MMDadoda
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#40
Benzene
Concen: 18.83 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.0	28.4	





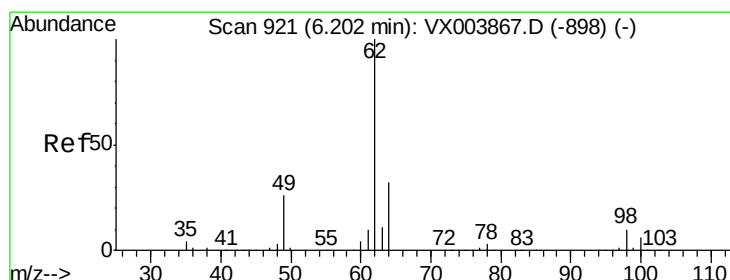
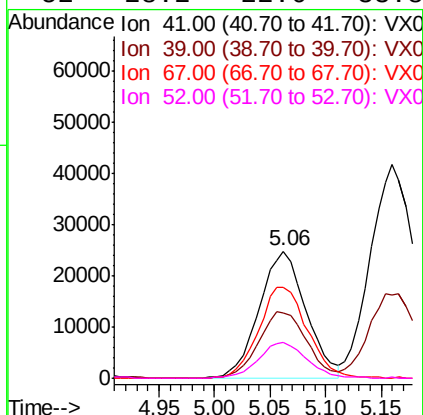
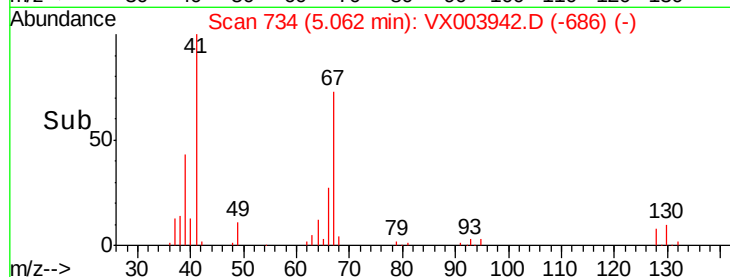
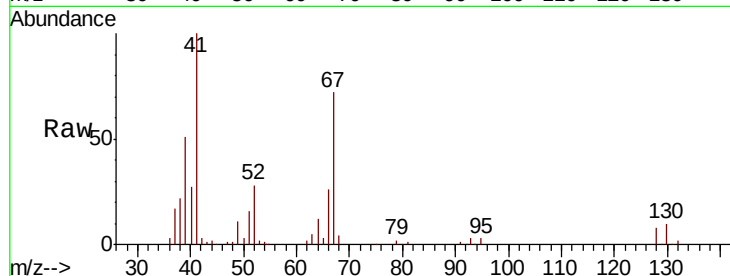
#41
Methacrylonitrile
Concen: 17.91 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	42.7	64.1	
67	74.9	58.9	88.3	
52	28.2	22.6	33.8	

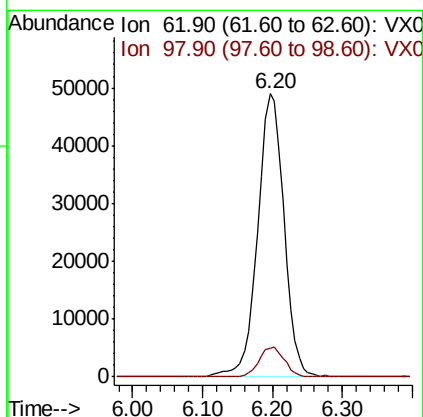
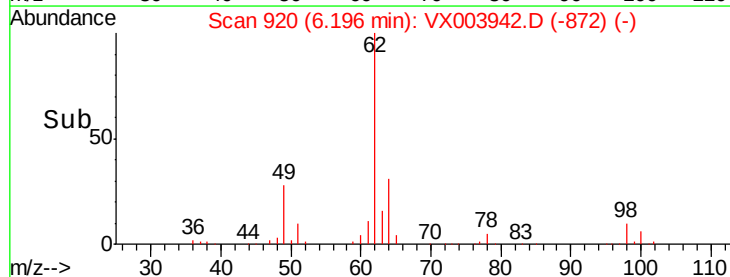
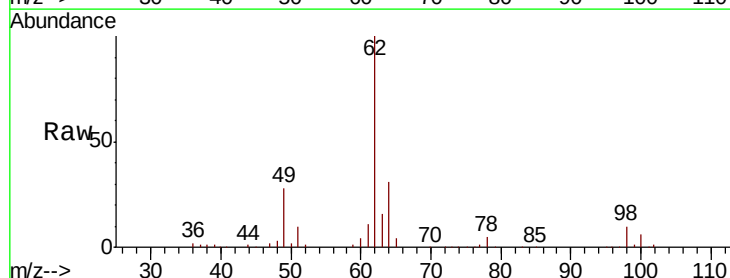
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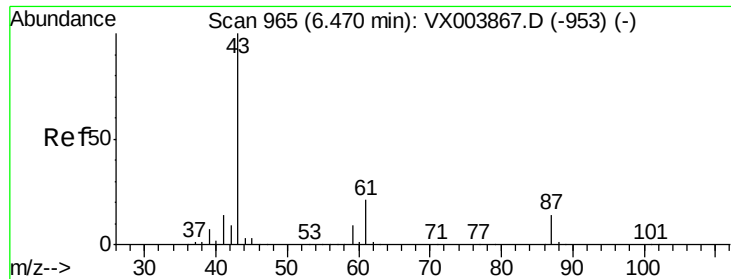
MMDadoda
8/10/2018 10:55:24 AM



#42
1,2-Dichloroethane
Concen: 18.87 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.4	





#43

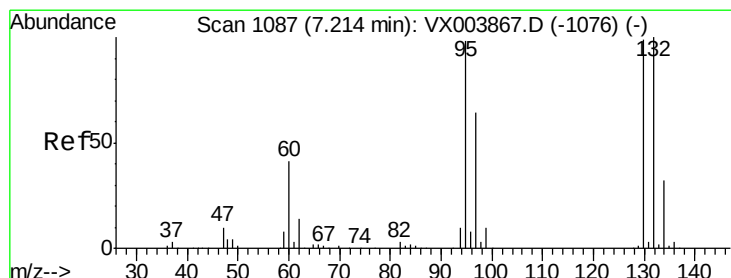
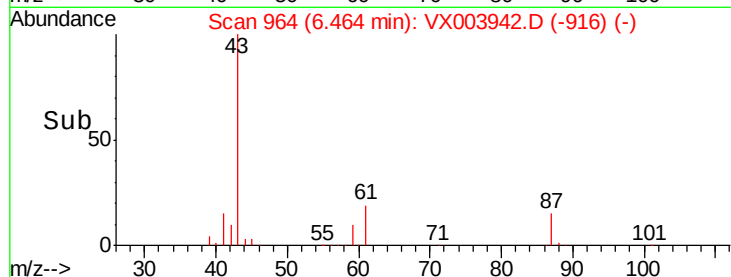
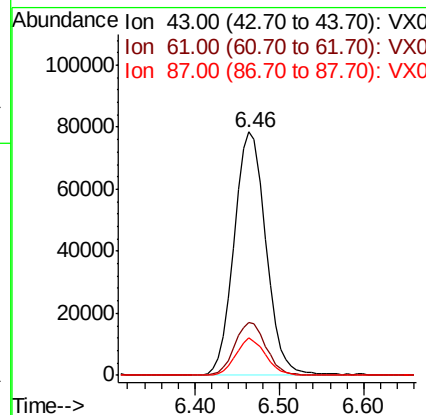
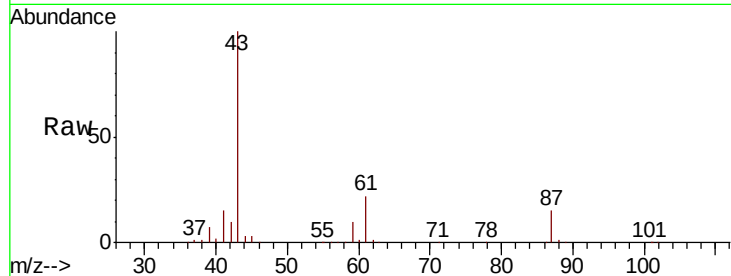
Isopropyl Acetate
 Concen: 18.10 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.9	25.3
87	14.4	11.3	16.9

Manual Integrations
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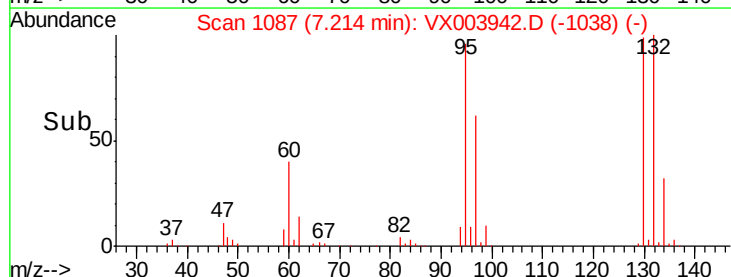
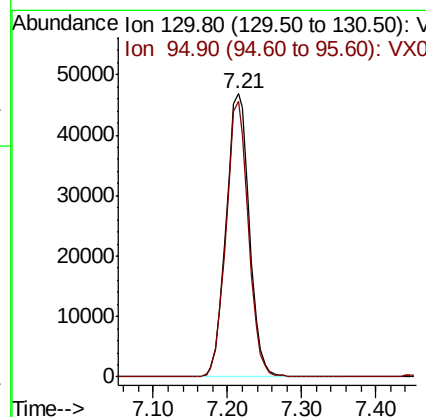
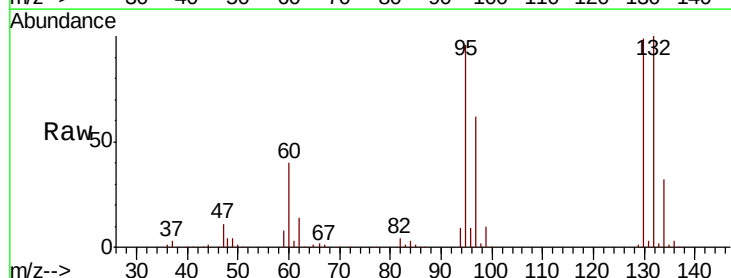
MMDadoda
 8/10/2018 10:55:24 AM

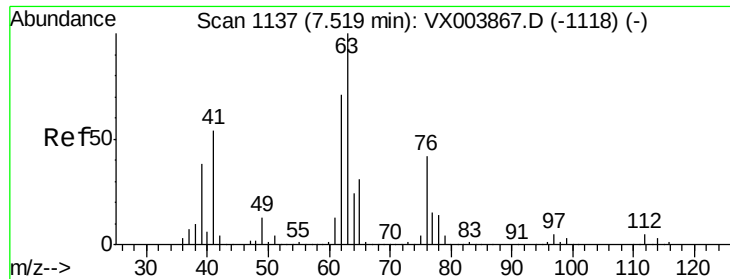


#44

Trichloroethene
 Concen: 18.54 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	199.4





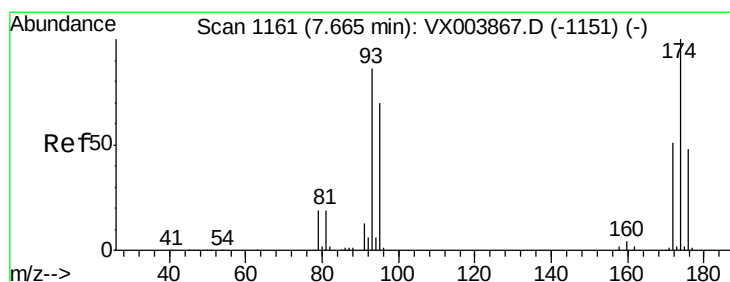
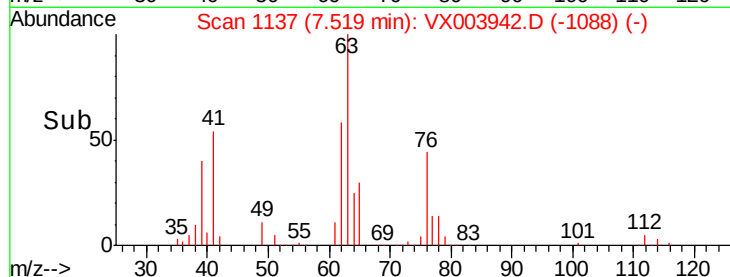
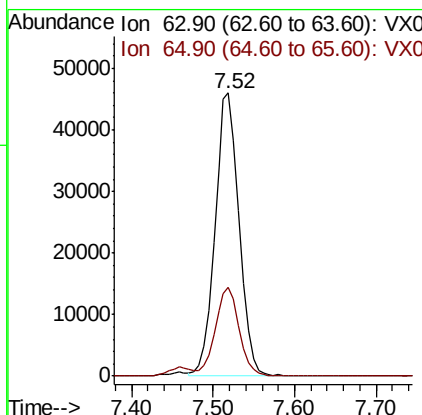
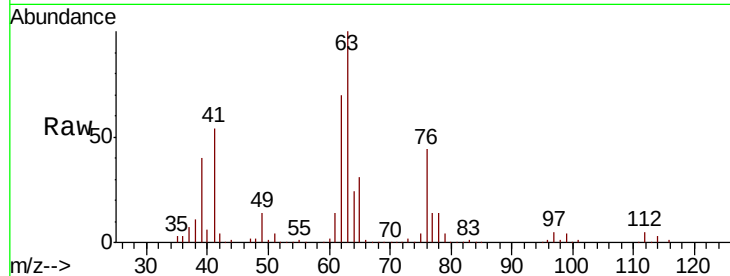
#45
 1,2-Dichloropropane
 Concen: 18.23 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

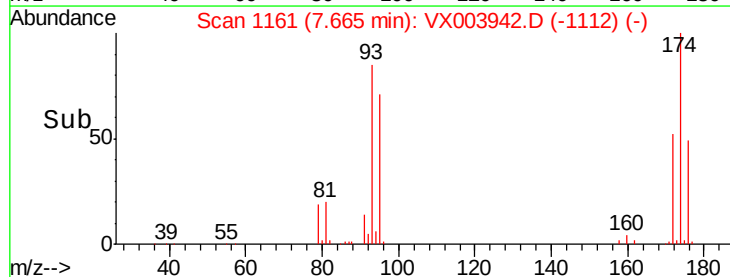
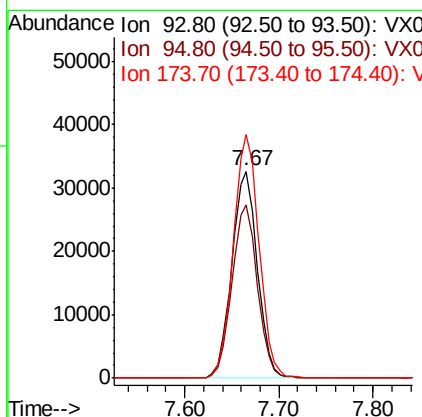
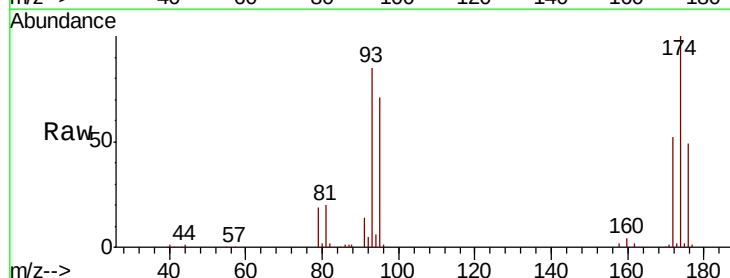
Manual Integrations
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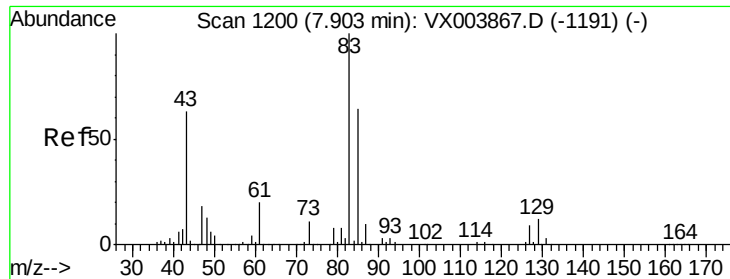
MMDadoda
 8/10/2018 10:55:24 AM



#46
 Dibromomethane
 Concen: 18.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.4	99.6
174	118.8	94.3	141.5





#47

Bromodichloromethane

Concen: 18.58 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

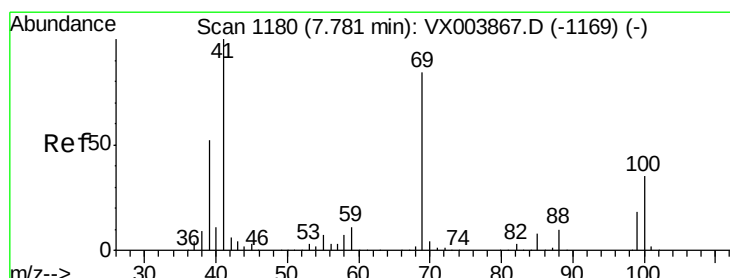
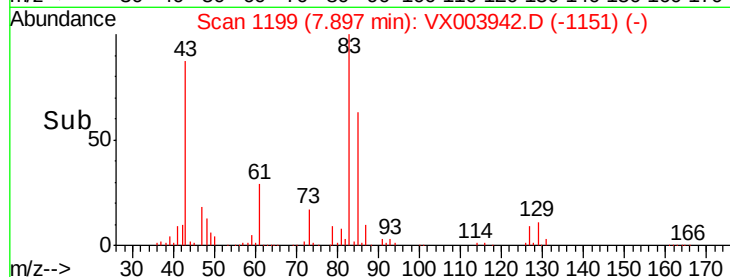
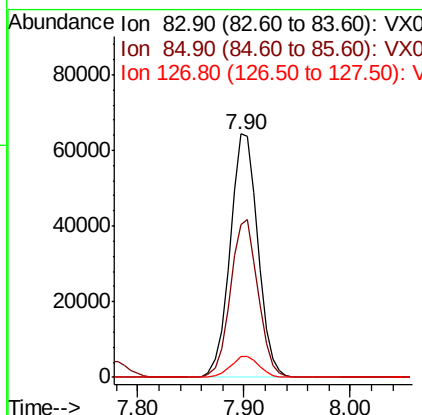
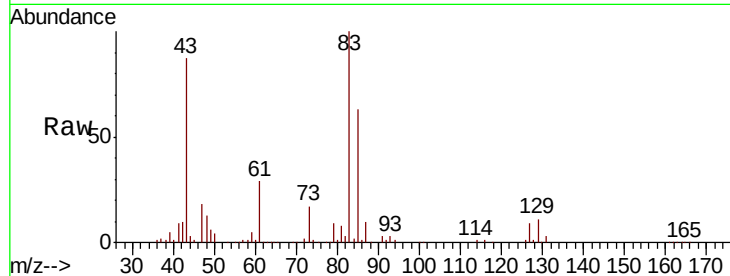
ClientSampleId :

VX0809WBS01

Tot Ion:	83	Resp:	117872
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.2	76.8
127	8.7	7.2	10.8

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#48

Methyl methacrylate

Concen: 18.06 ug/l

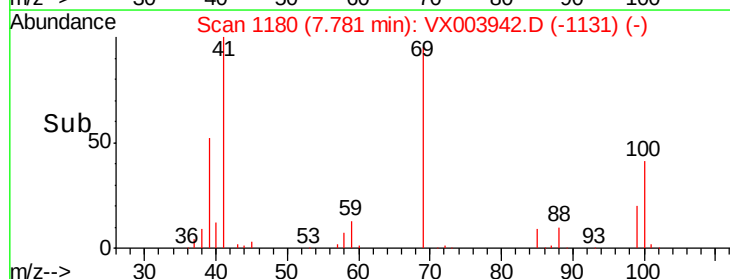
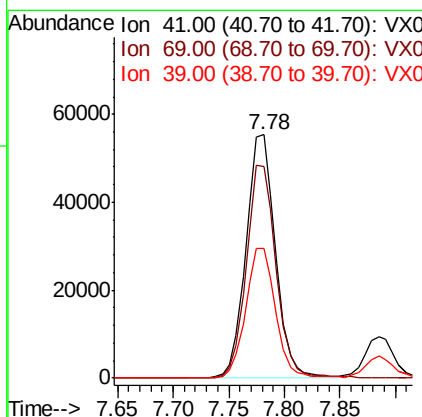
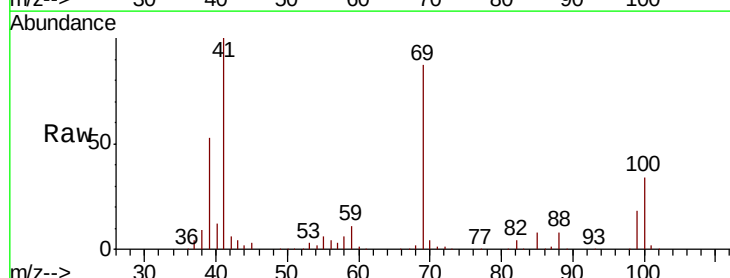
RT: 7.78 min Scan# 1180

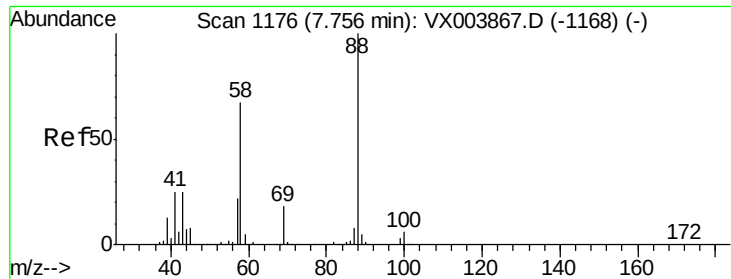
Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Tgt Ion:	41	Resp:	101645
Ion Ratio	Lower	Upper	
41	100		
69	88.6	68.8	103.2
39	53.9	42.3	63.5





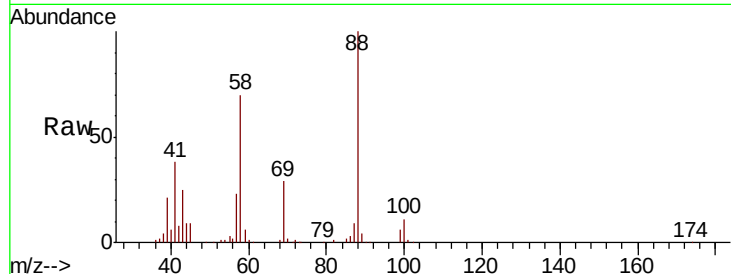
#49
1,4-Dioxane
Concen: 372.02 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

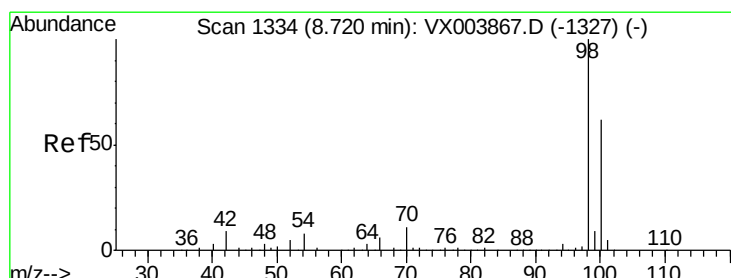
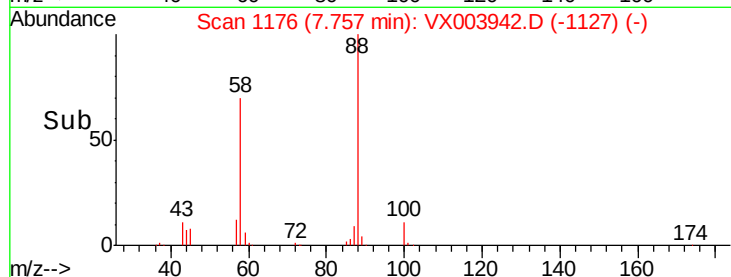
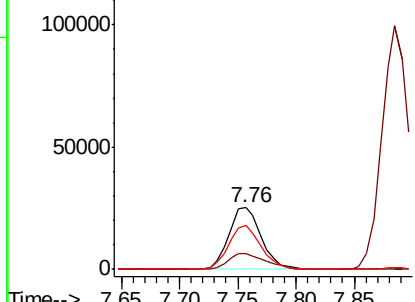
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.8	35.8
58	70.5	55.4	83.0

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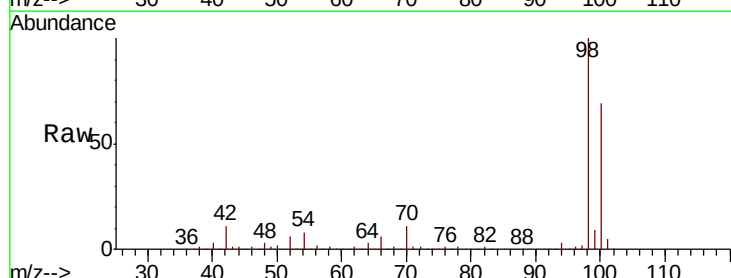


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

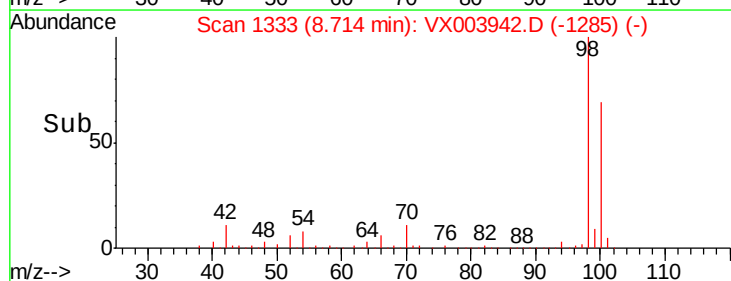
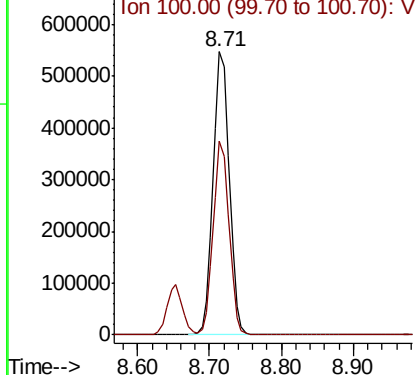


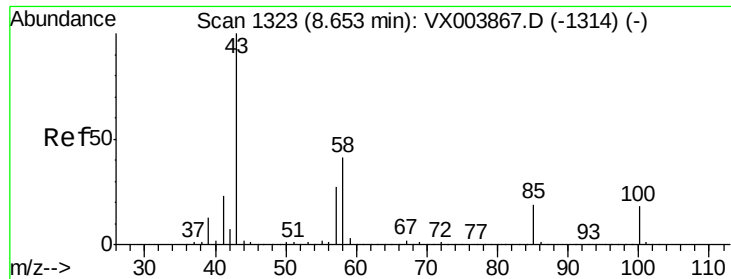
#50
Toluene-d8
Concen: 48.46 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 91.12 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

Tot Ion: 43 Resp: 836317

Ion Ratio Lower Upper

43 100

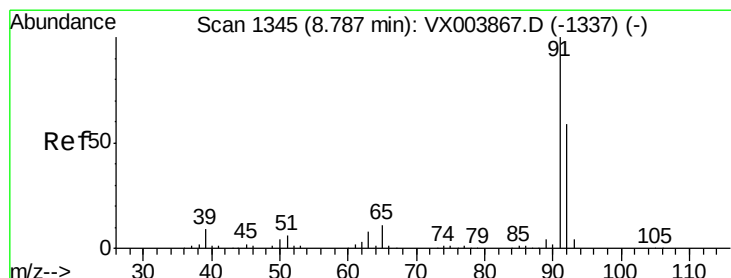
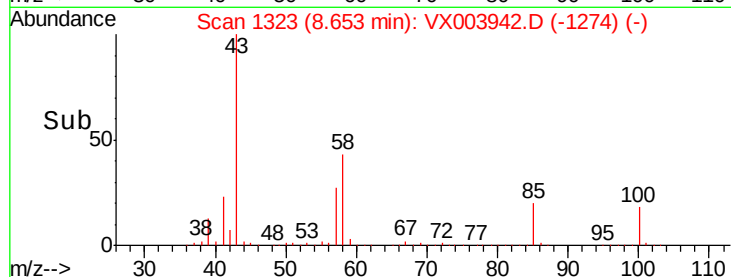
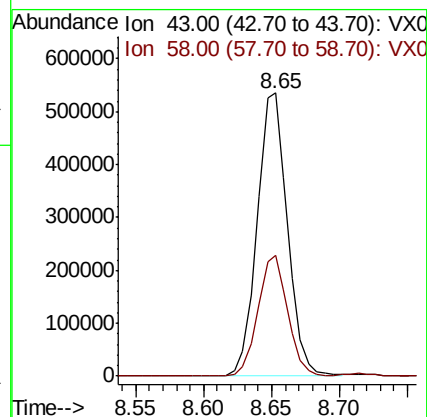
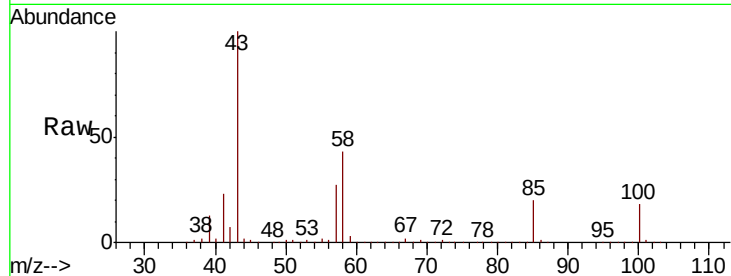
58 41.8 33.0 49.6

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#52

Toluene

Concen: 19.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003942.D

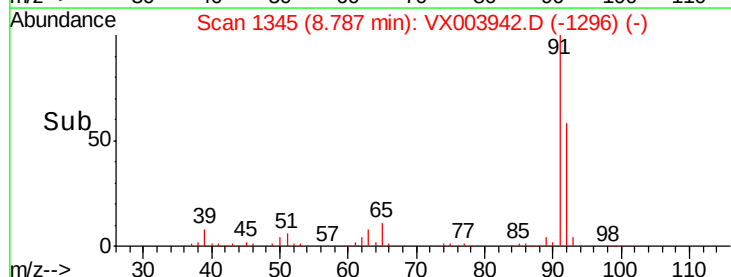
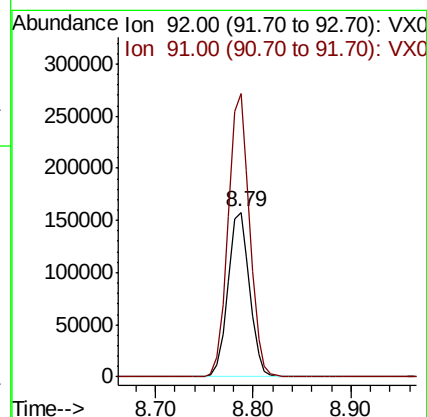
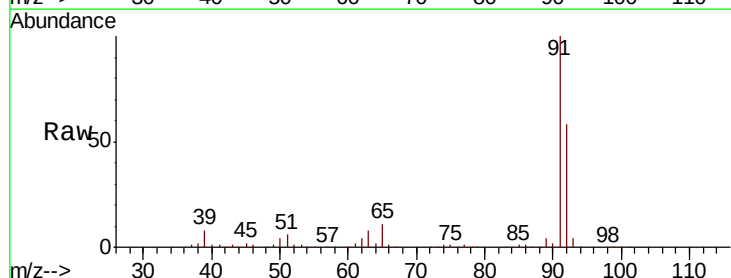
Acq: 09 Aug 2018 11:31

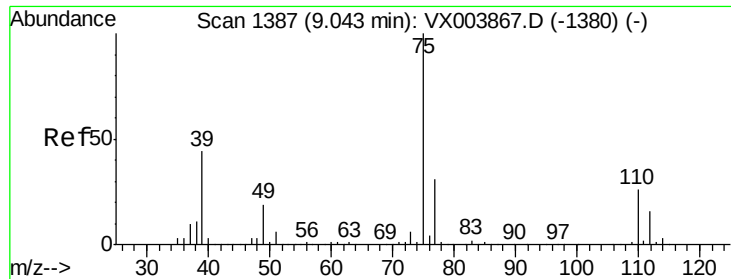
Tgt Ion: 92 Resp: 242353

Ion Ratio Lower Upper

92 100

91 169.8 136.1 204.1





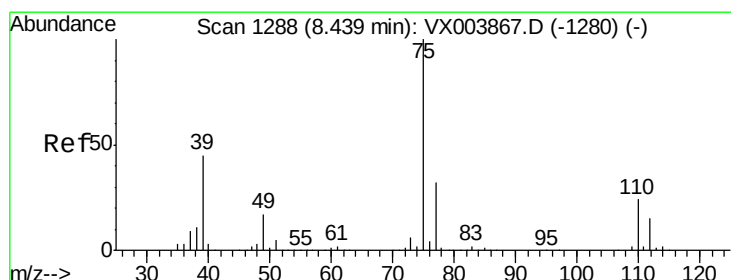
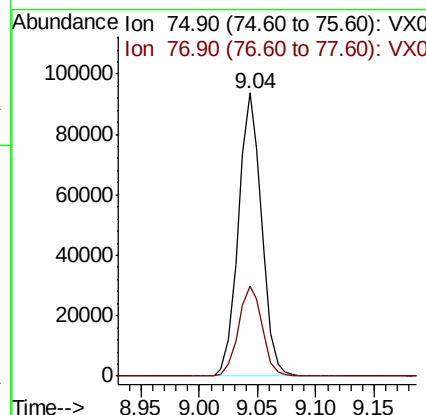
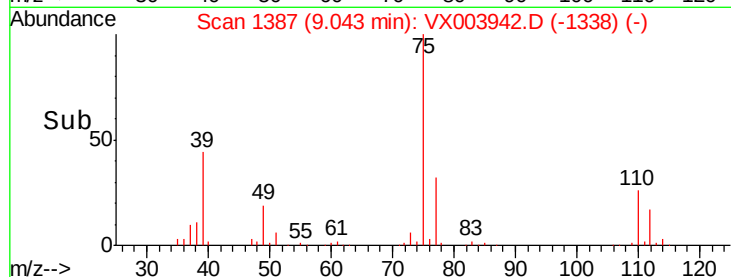
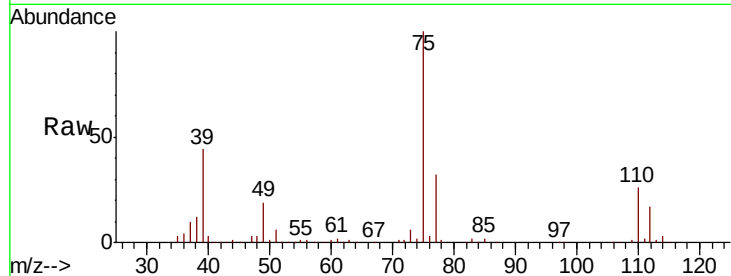
#53
t-1,3-Dichloropropene
Concen: 18.18 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

Tot Ion: 75 Resp: 130336
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

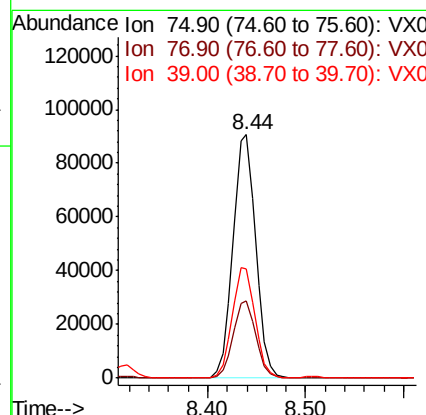
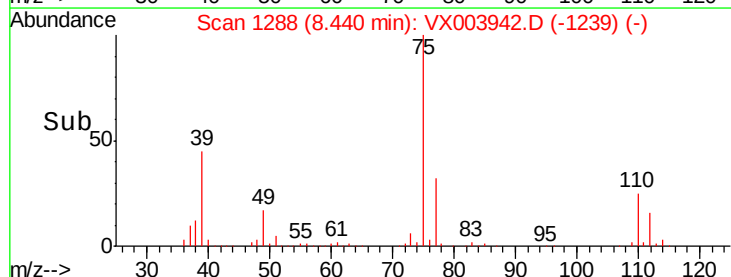
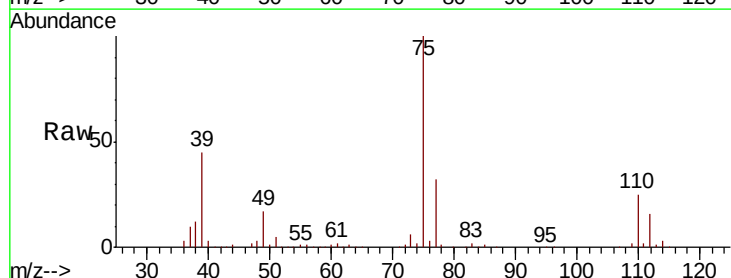
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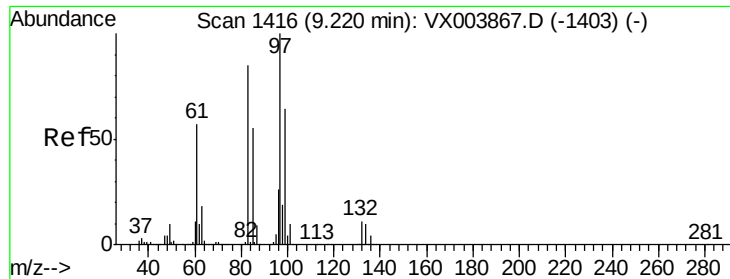
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.97 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 75 Resp: 146672
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 44.6 36.2 54.2





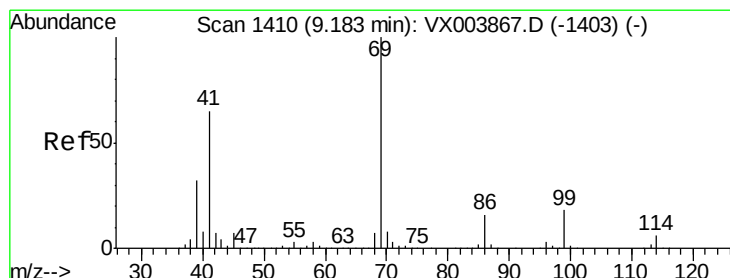
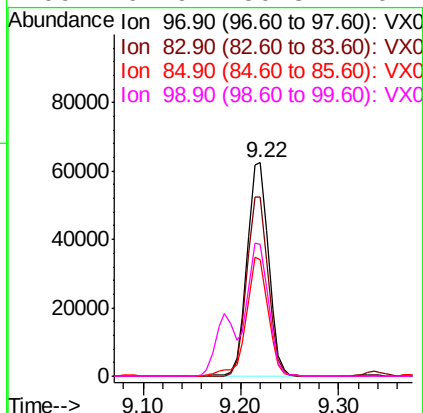
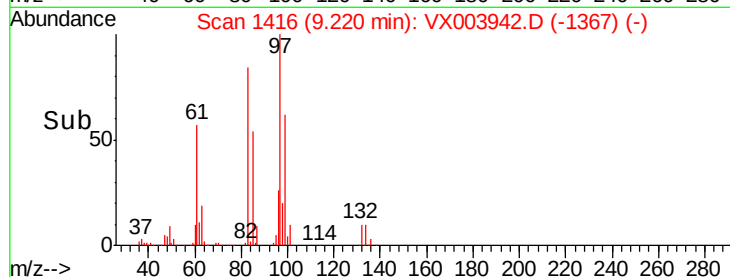
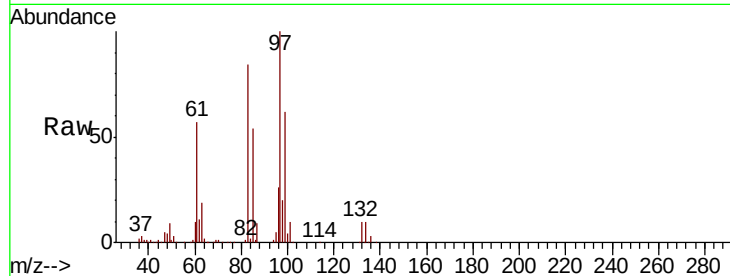
#55
 1,1,2-Trichloroethane
 Concen: 18.45 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95684		
83	84.1	67.8	101.6		
85	54.3	44.2	66.2		
99	61.9	50.8	76.2		

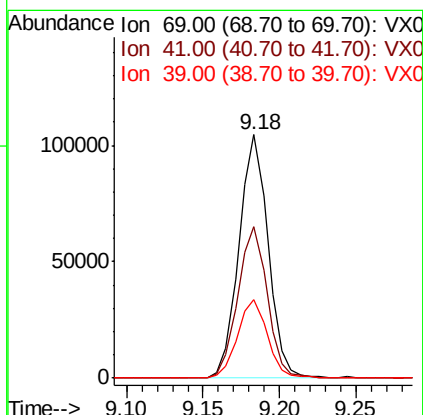
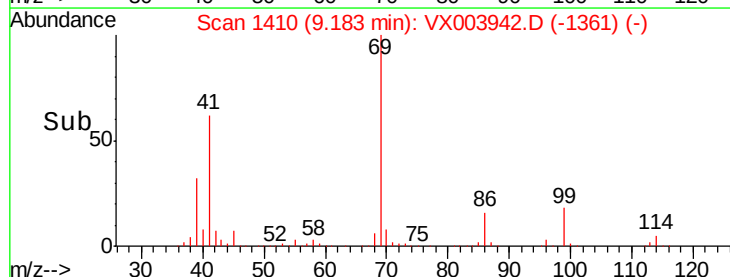
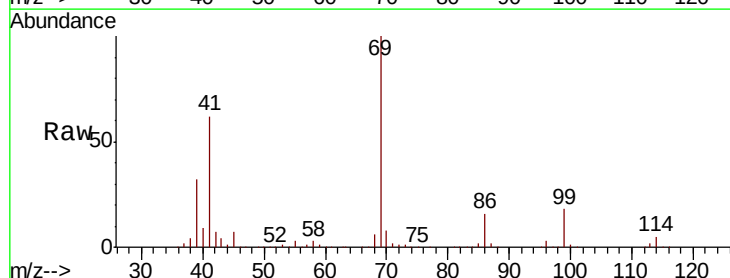
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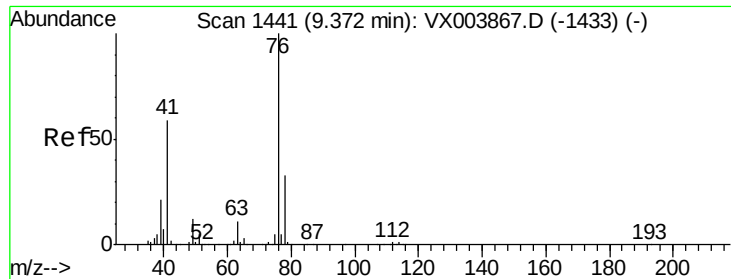
MMDadoda
 8/10/2018 10:55:24 AM



#56
 Ethyl methacrylate
 Concen: 18.42 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		138620		
41	62.7	50.6	76.0		
39	33.1	25.8	38.6		





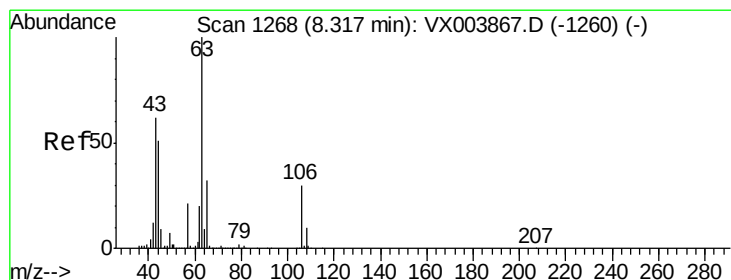
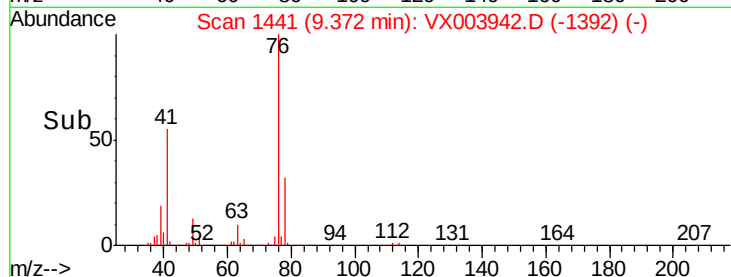
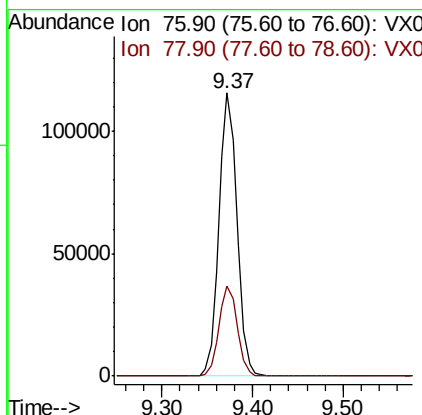
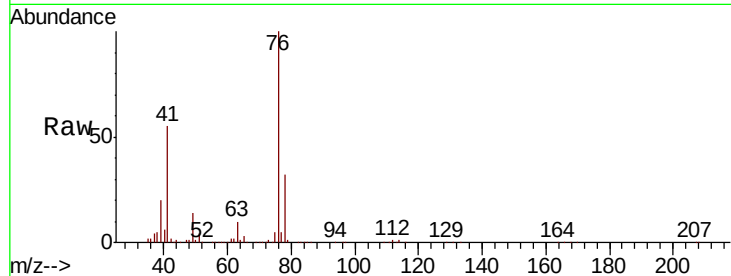
#57
 1,3-Dichloropropane
 Concen: 18.61 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion: 76 Resp: 161497
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

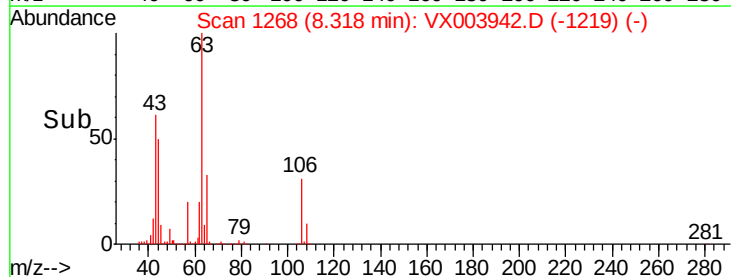
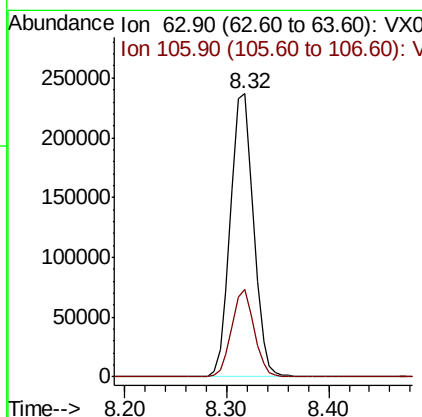
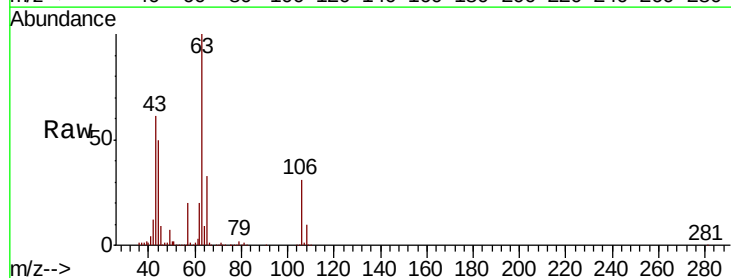
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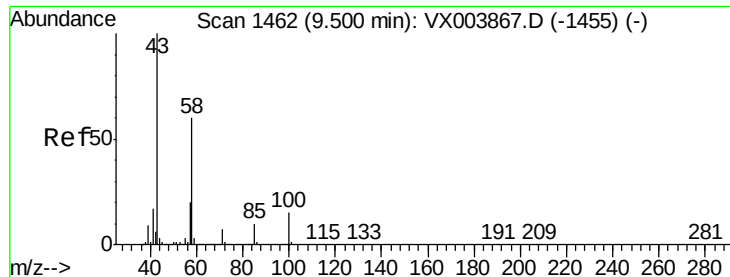
MMDadoda
 8/10/2018 10:55:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion: 63 Resp: 369853
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





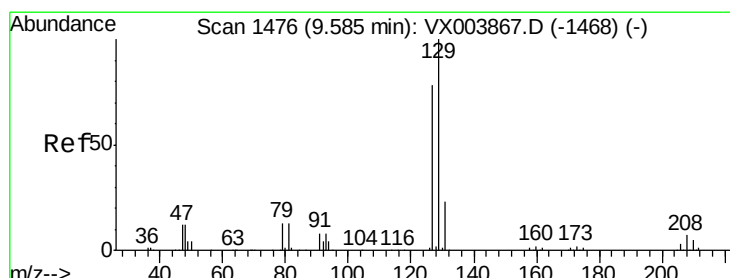
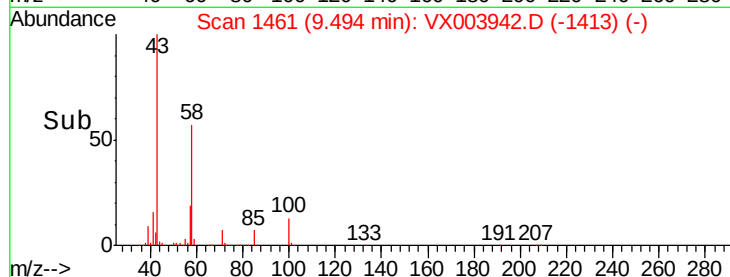
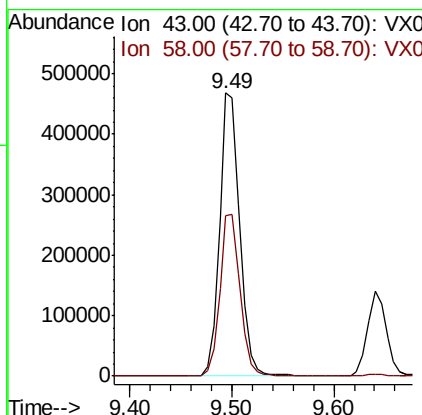
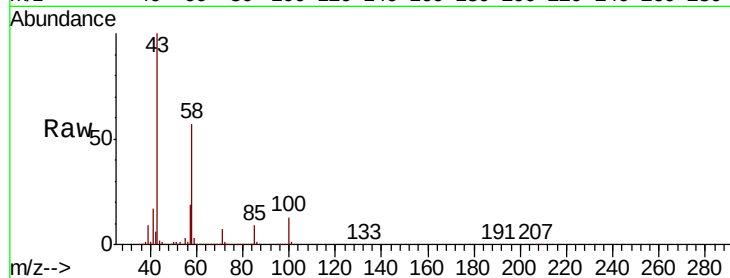
#59
2-Hexanone
Concen: 94.08 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion: 43 Resp: 645460
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0

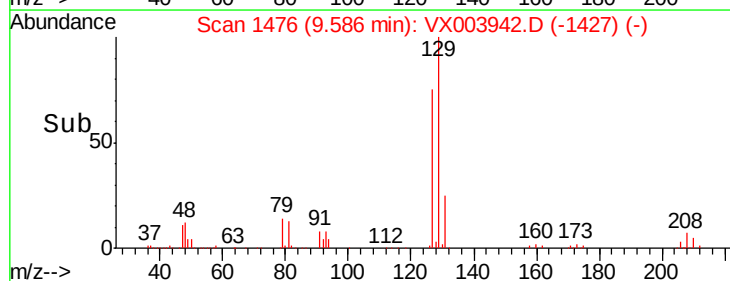
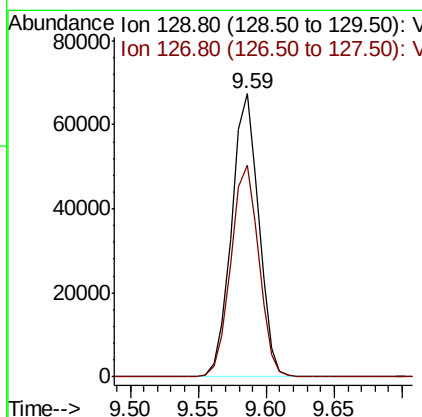
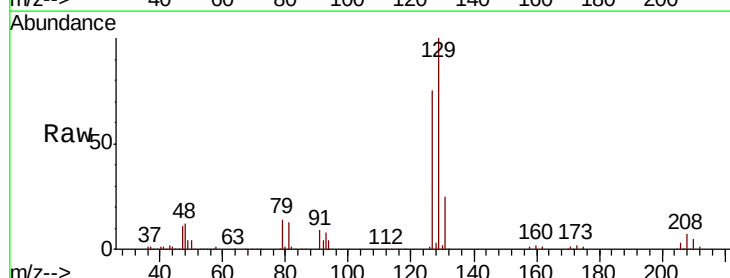
Manual Integrations
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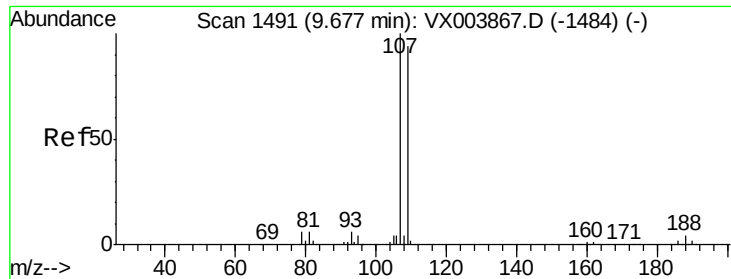
MMDadoda
8/10/2018 10:55:24 AM



#60
Dibromochloromethane
Concen: 19.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion: 129 Resp: 93777
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





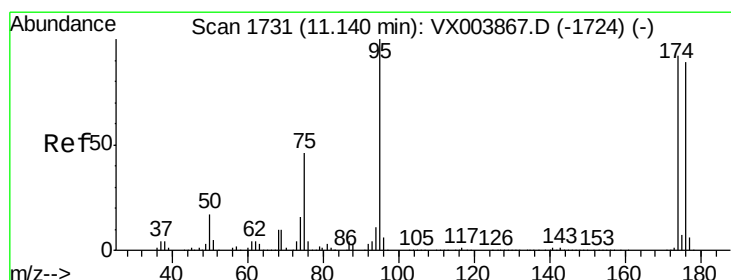
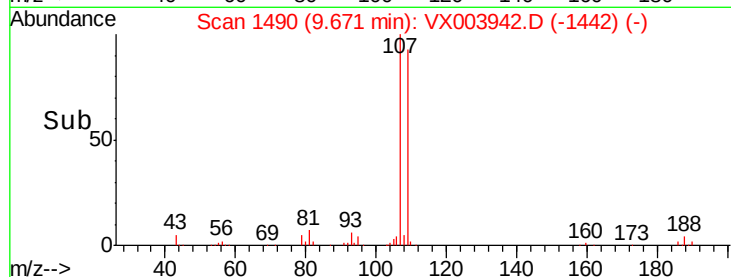
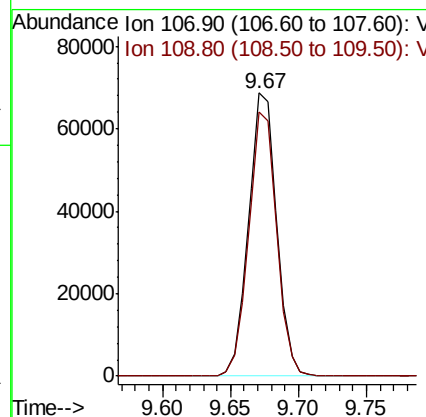
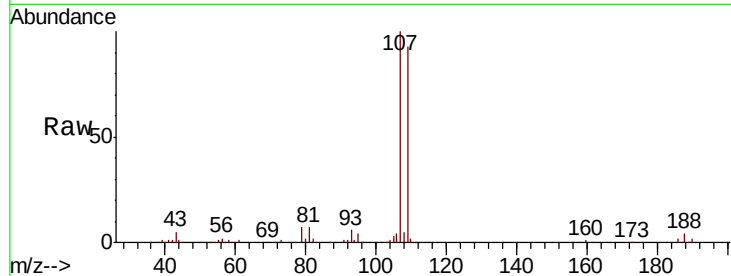
#61
 1,2-Dibromoethane
 Concen: 19.13 ug/l
 RT: 9.67 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

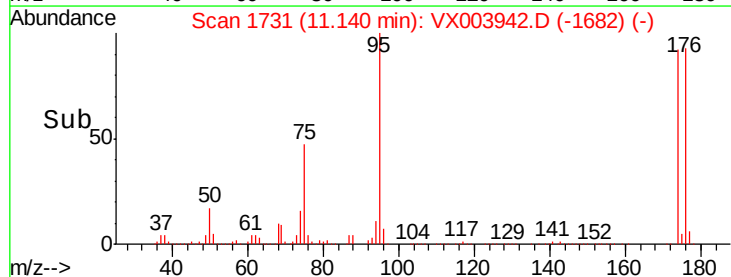
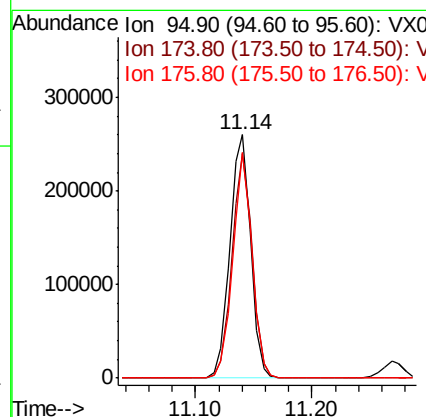
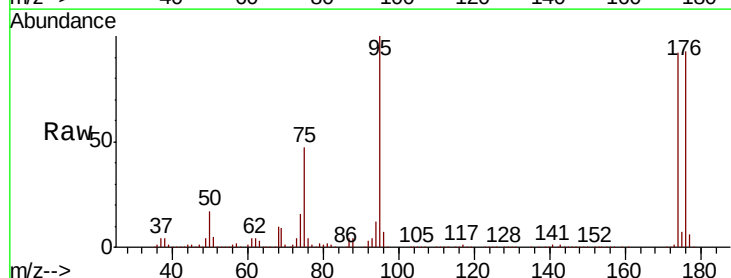
Manual Integrations
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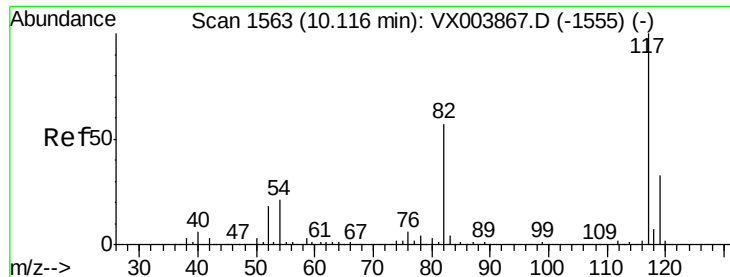
MMDadoda
 8/10/2018 10:55:24 AM



#62
 4-Bromofluorobenzene
 Concen: 55.96 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	182.8
176	86.8	0.0	179.0





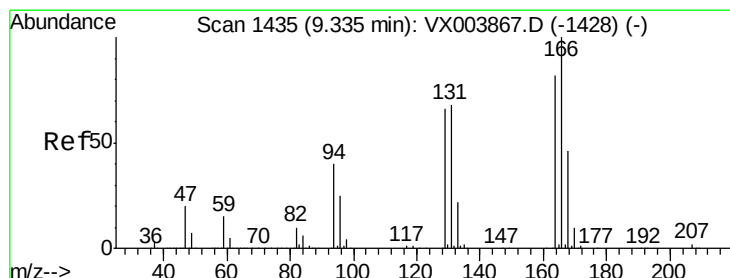
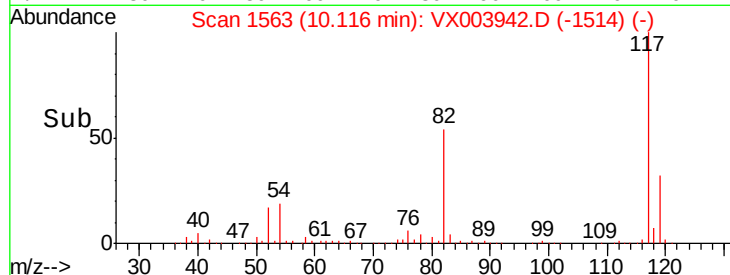
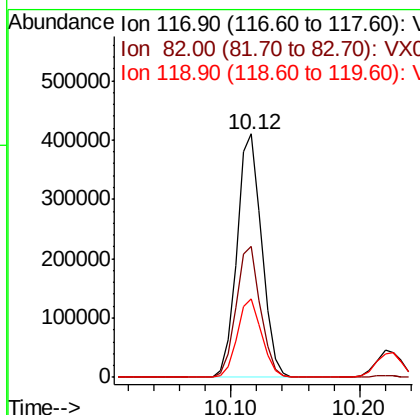
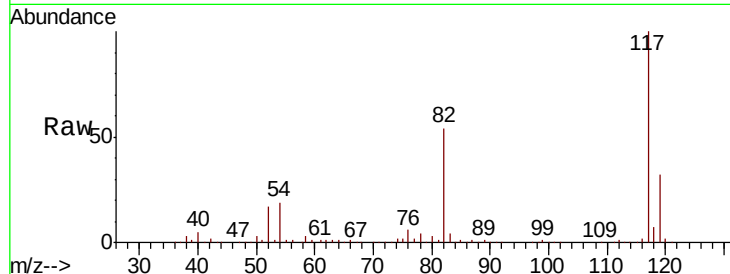
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.4	68.0
119	32.2	26.6	40.0

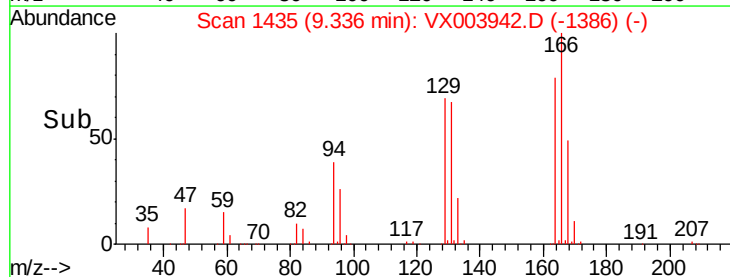
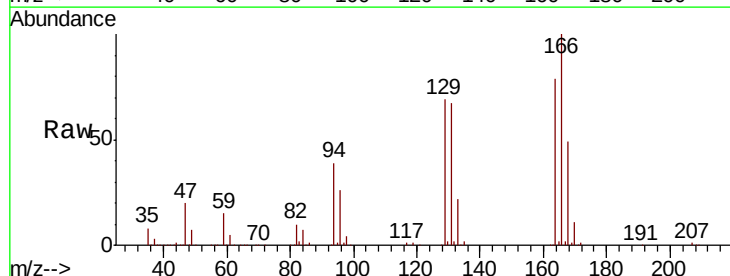
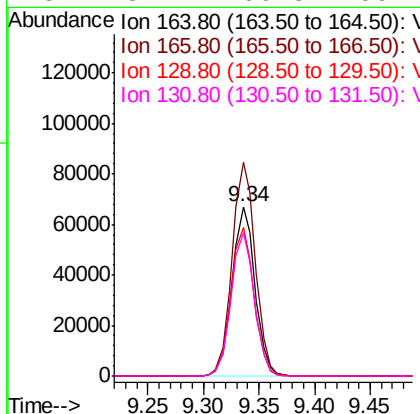
Manual Integrations
APPROVED

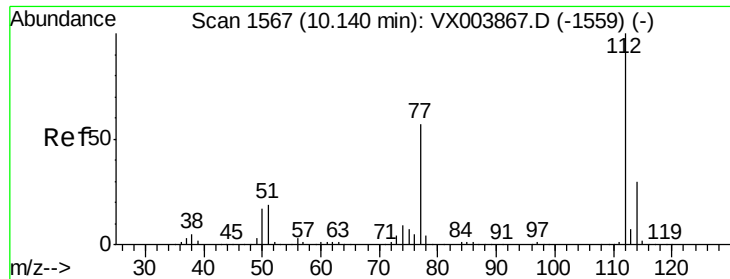
MMDadoda
8/10/2018 10:55:24 AM



#64
Tetrachloroethene
Concen: 17.70 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	98.0	147.0
129	87.7	64.3	96.5
131	84.4	66.8	100.2





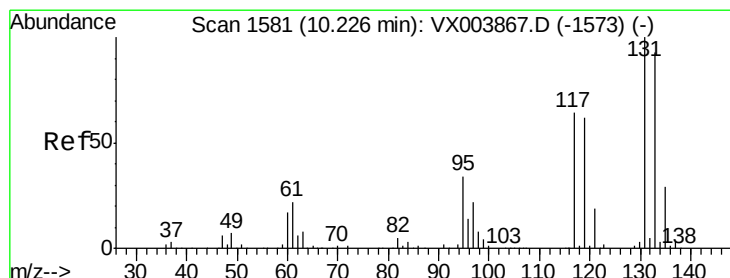
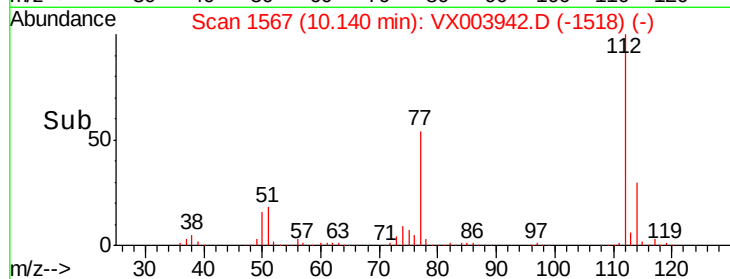
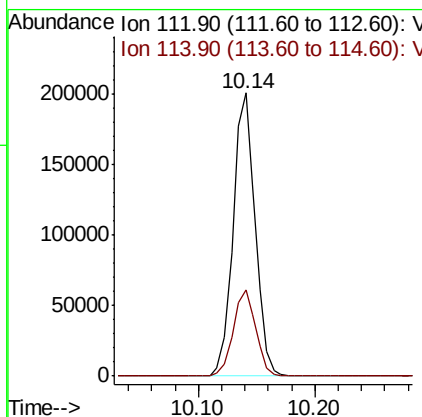
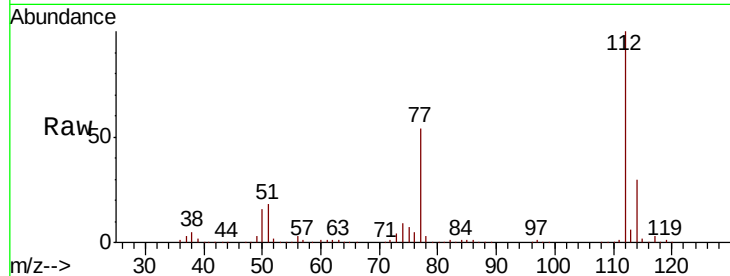
#65
Chlorobenzene
Concen: 18.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion:112 Resp: 263578
Ion Ratio Lower Upper
112 100
114 30.4 23.6 35.4

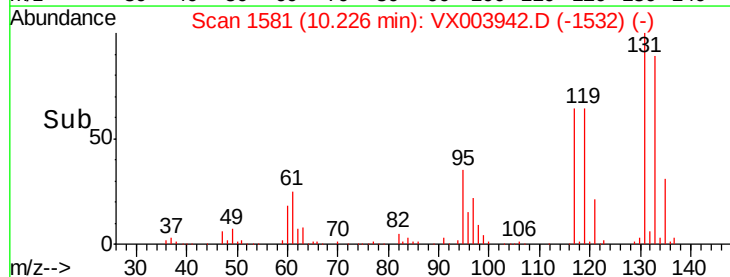
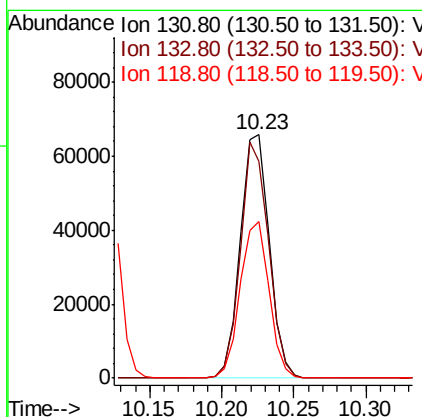
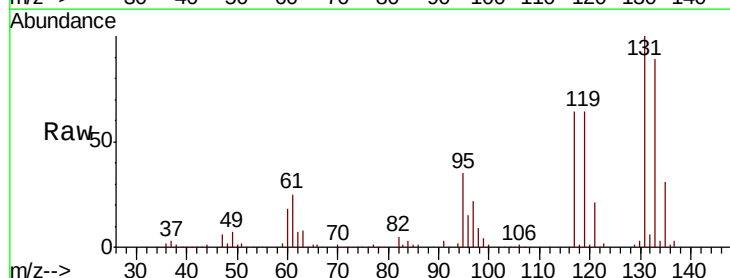
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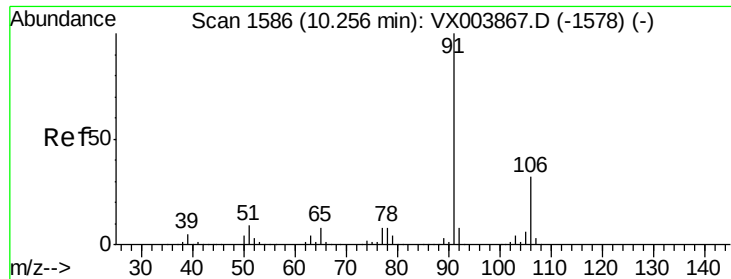
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.85 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion:131 Resp: 91948
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.8
119 64.0 31.6 94.8





#67

Ethyl Benzene

Concen: 19.39 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

Tot Ion: 91 Resp: 450421

Ion Ratio Lower Upper

91 100

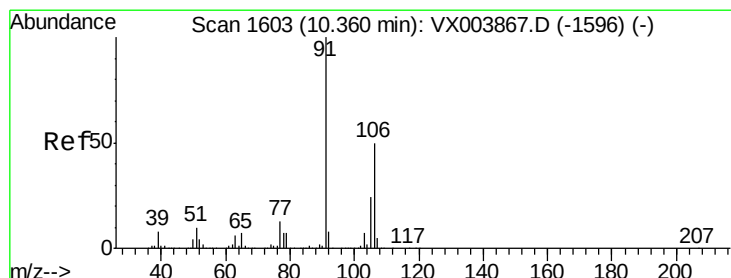
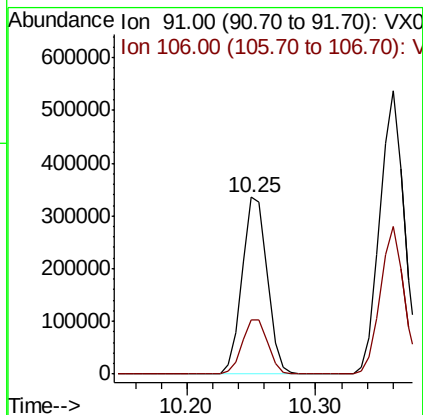
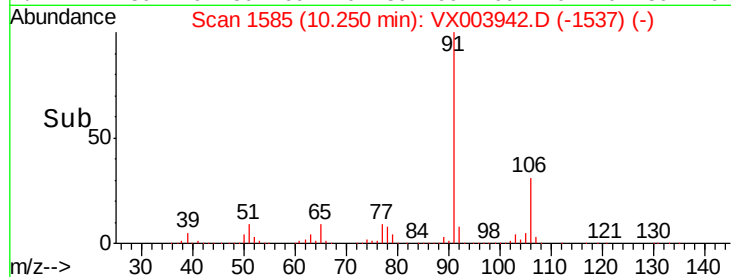
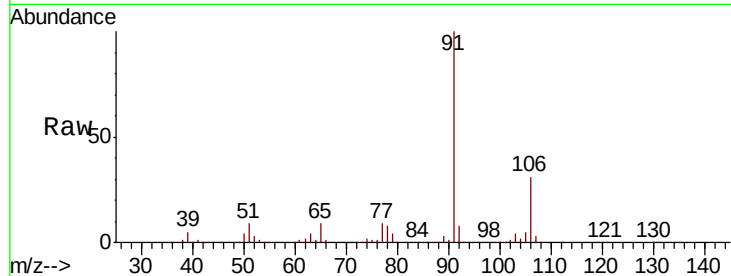
106 30.9 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003942.D

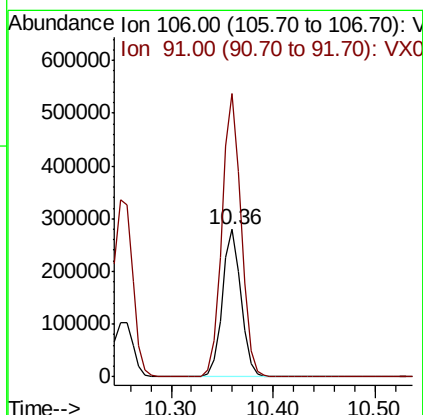
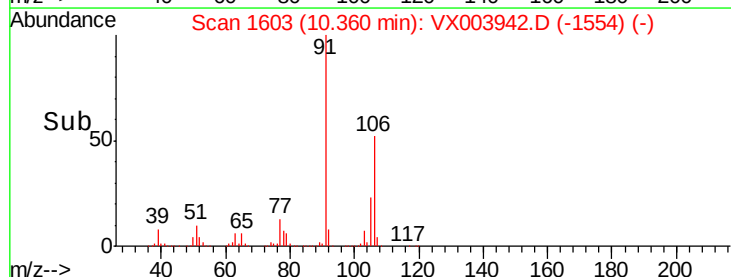
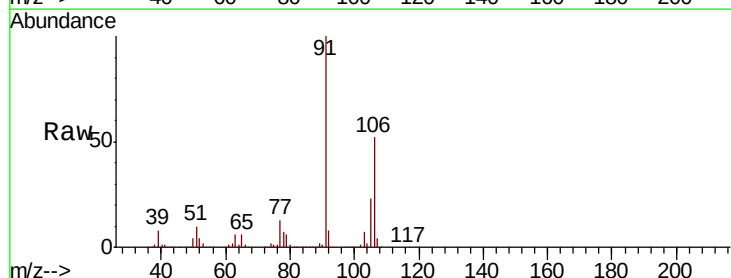
Acq: 09 Aug 2018 11:31

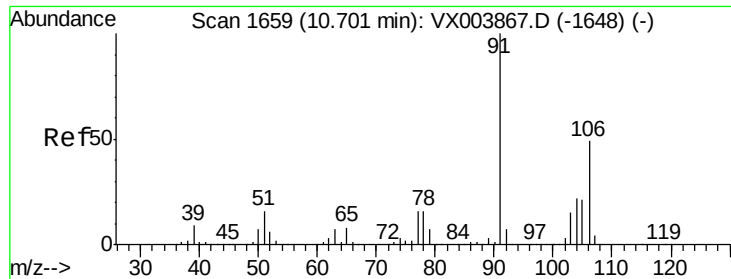
Tgt Ion: 106 Resp: 356257

Ion Ratio Lower Upper

106 100

91 196.9 162.3 243.5





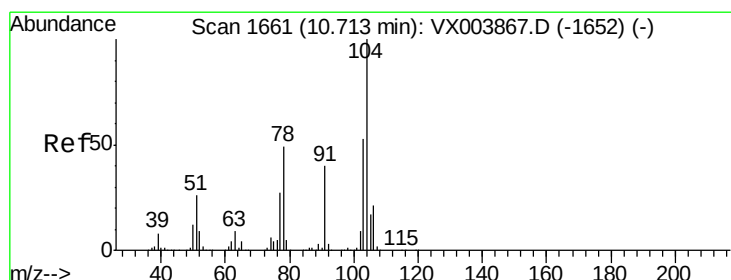
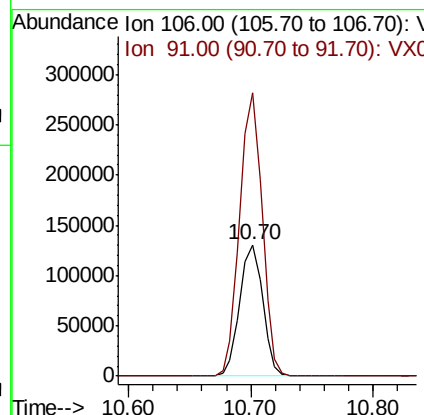
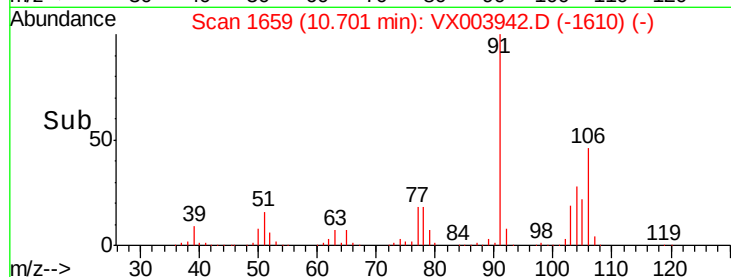
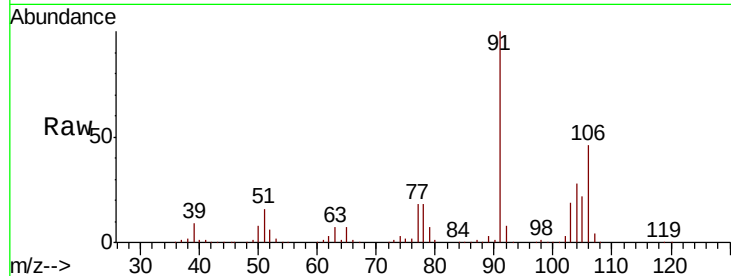
#69
o-Xylene
Concen: 19.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

Tot Ion:106 Resp: 169836
Ion Ratio Lower Upper
106 100
91 211.0 101.9 305.7

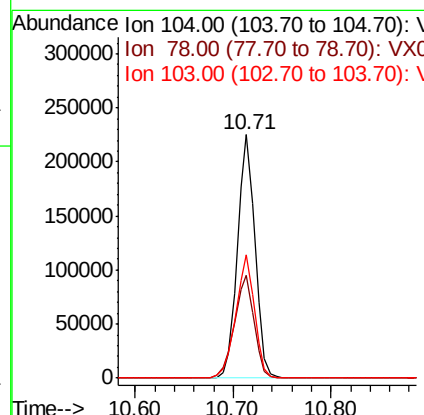
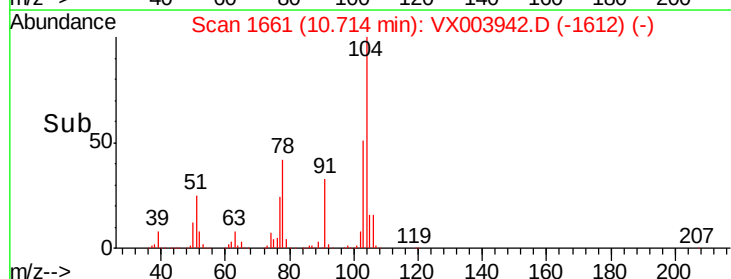
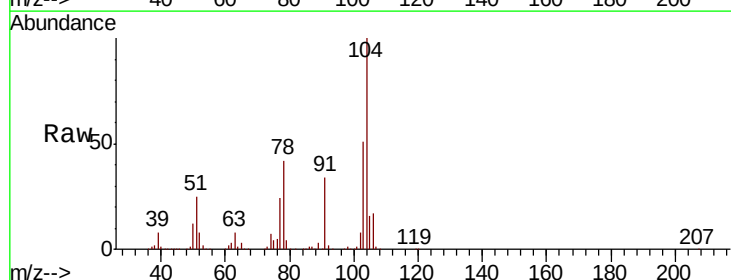
Manual Integrations
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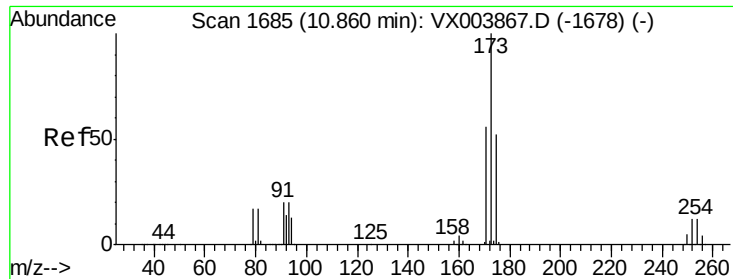
MMDadoda
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#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion:104 Resp: 280431
Ion Ratio Lower Upper
104 100
78 47.0 39.8 59.6
103 54.2 44.3 66.5





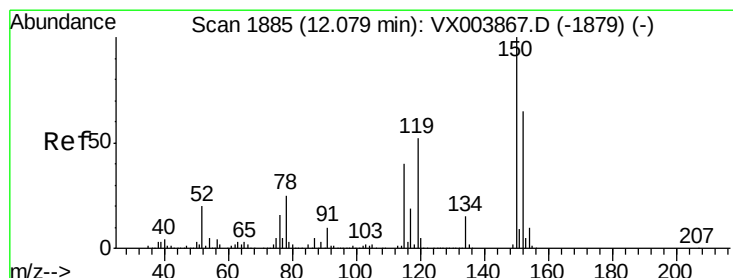
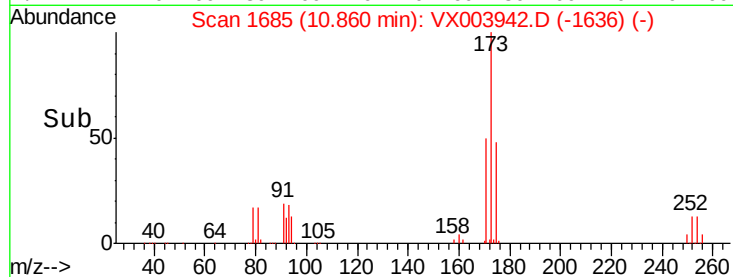
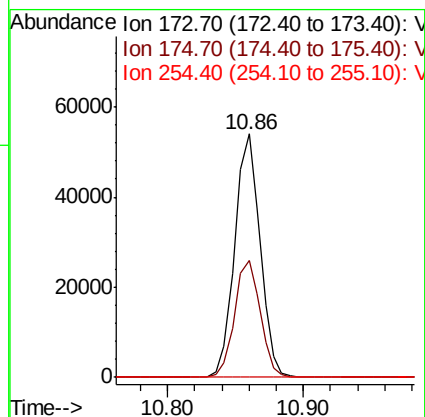
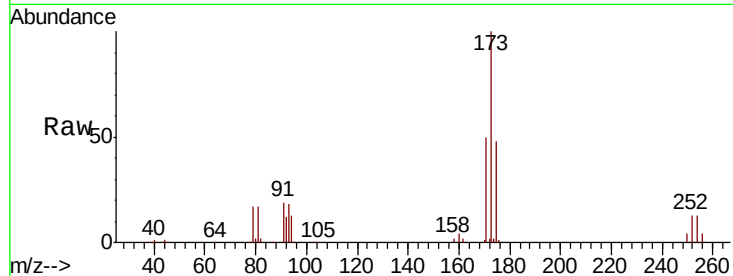
#71
Bromoform
Concen: 18.81 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.2	0.2	0.2

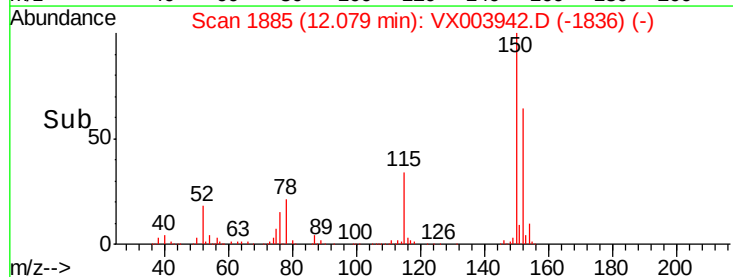
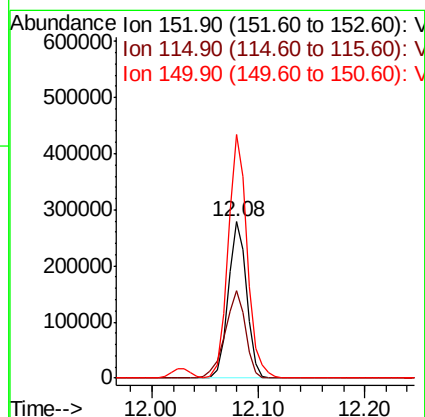
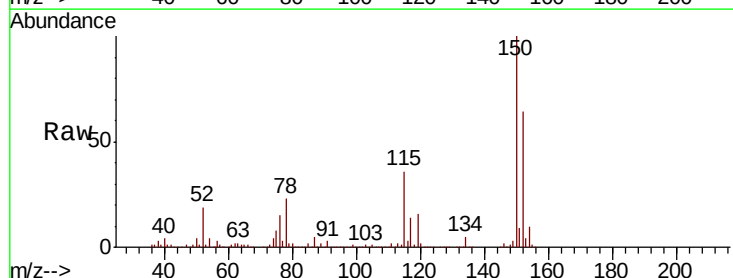
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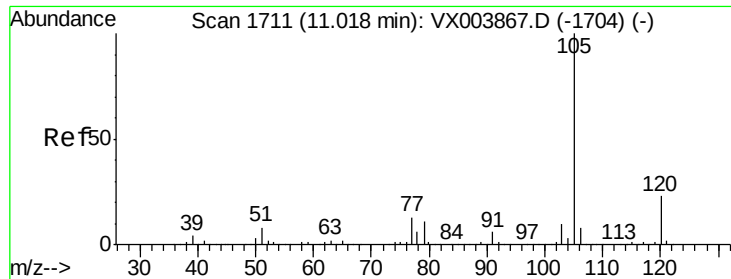
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	39.1	117.3
150	161.9	0.0	349.2





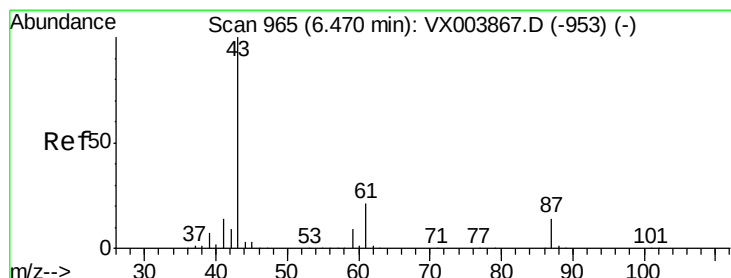
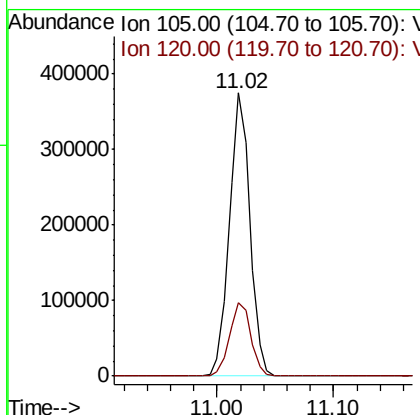
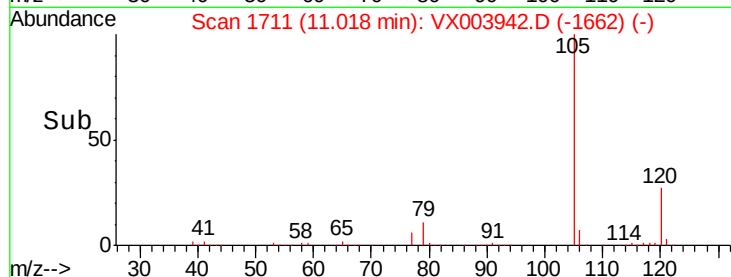
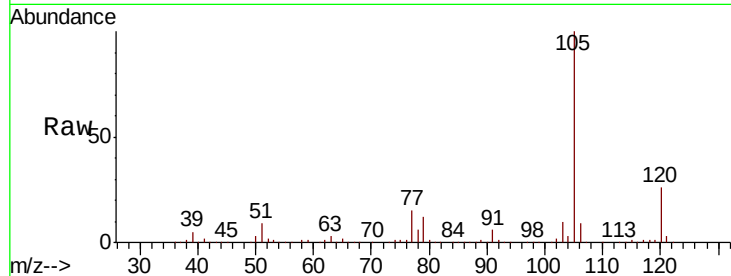
#73
Isopropylbenzene
Concen: 18.59 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	12.6	37.8

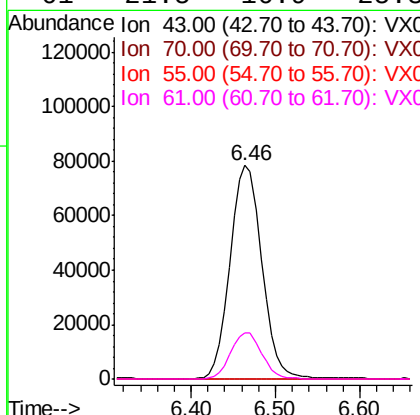
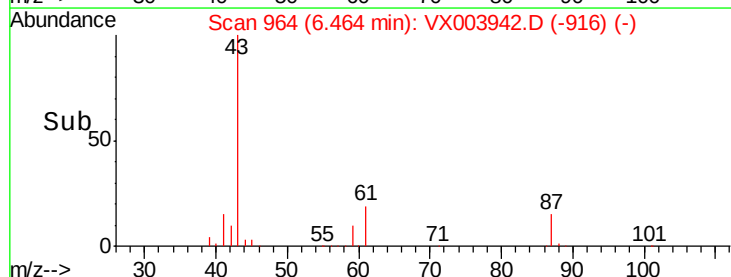
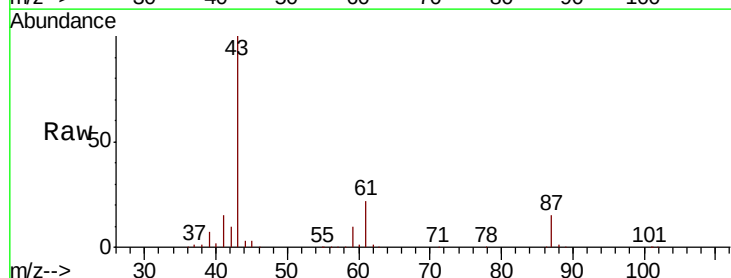
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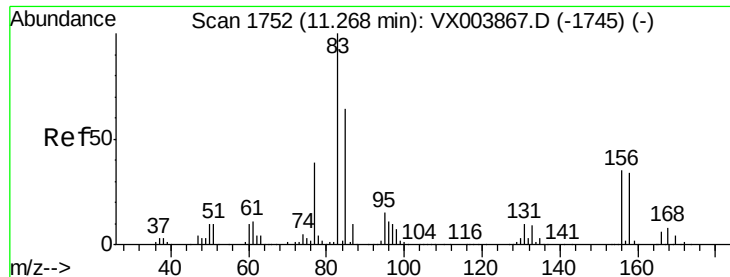
MMDadoda
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#74
N-ethyl acetate
Concen: 15.56 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.1	0.0	0.0#
55	0.2	0.1	0.1#
61	21.5	16.9	25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.33 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

Tot Ion: 83 Resp: 147082

Ion Ratio Lower Upper

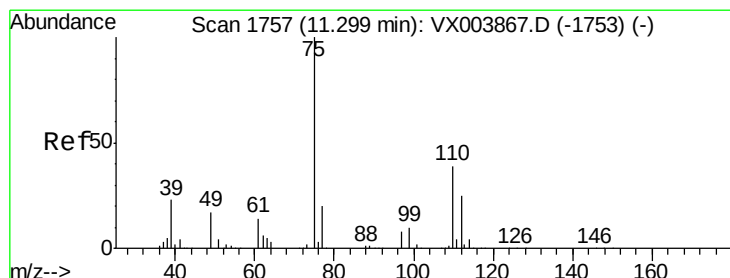
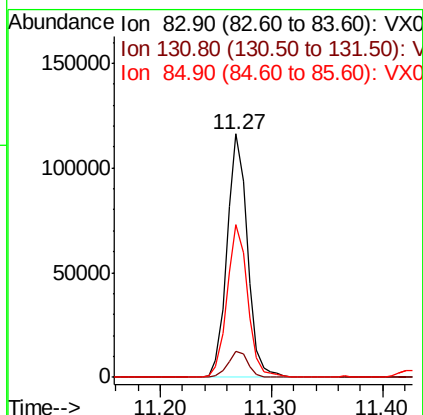
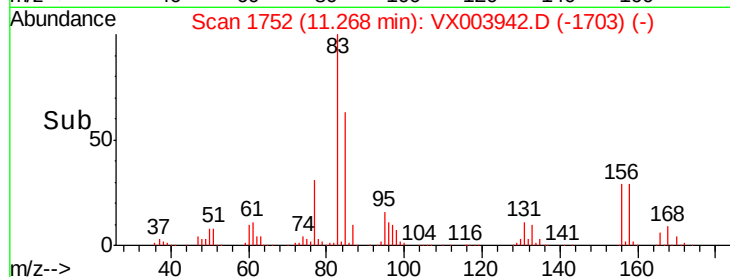
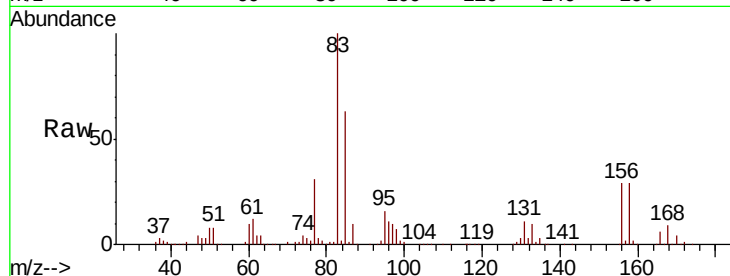
83 100

131 10.6 5.2 15.6

85 63.4 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 17.93 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003942.D

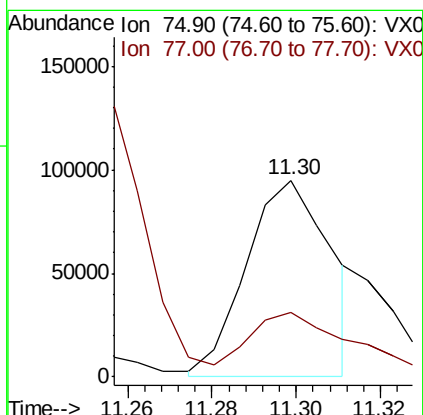
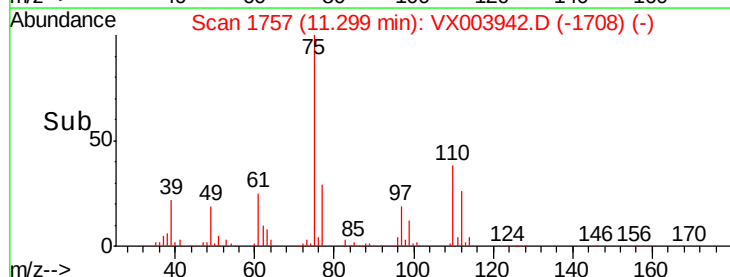
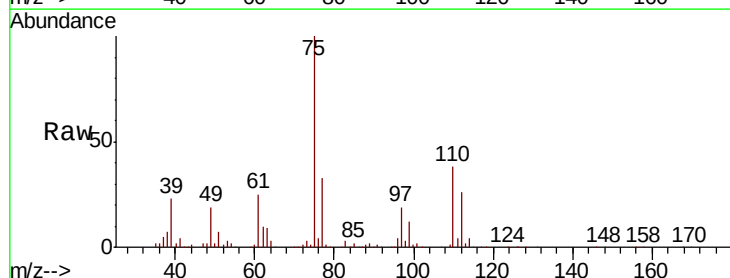
Acq: 09 Aug 2018 11:31

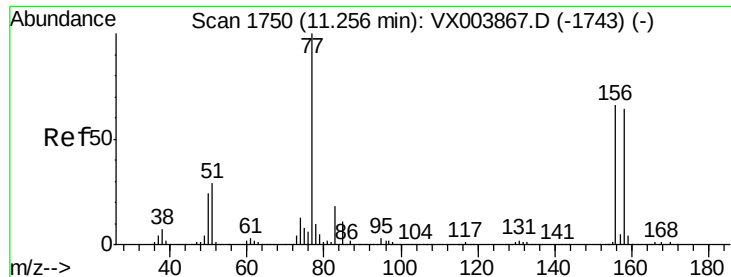
Tgt Ion: 75 Resp: 132539

Ion Ratio Lower Upper

75 100

77 40.0 20.8 62.5





#77

Bromobenzene

Concen: 18.01 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

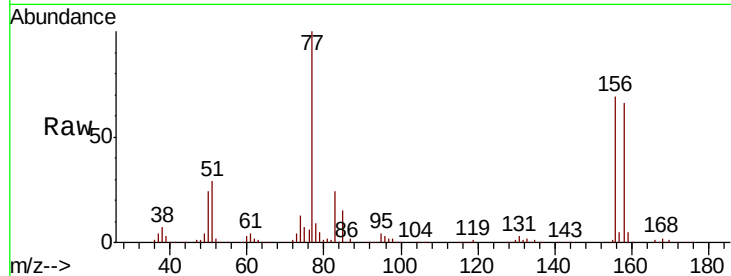
ClientSampleId :

VX0809WBS01

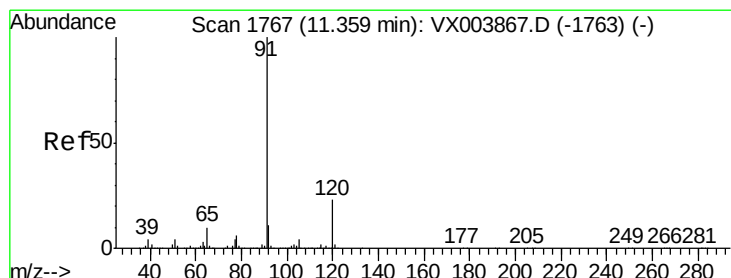
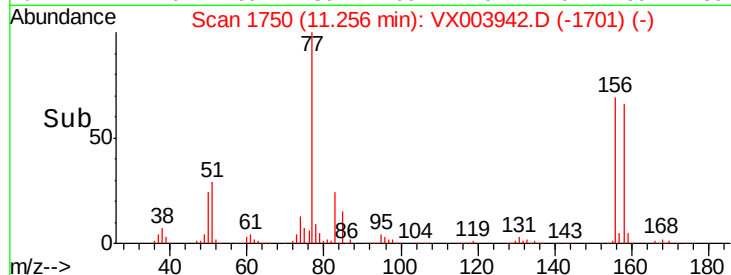
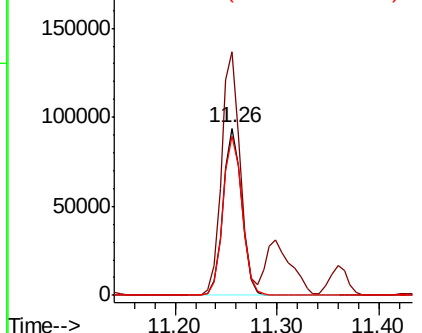
Tot Ion:	156	Resp:	118939
Ion Ratio	Lower	Upper	
156	100		
77	147.1	74.1	222.2
158	98.0	48.6	145.9

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.92 ug/l

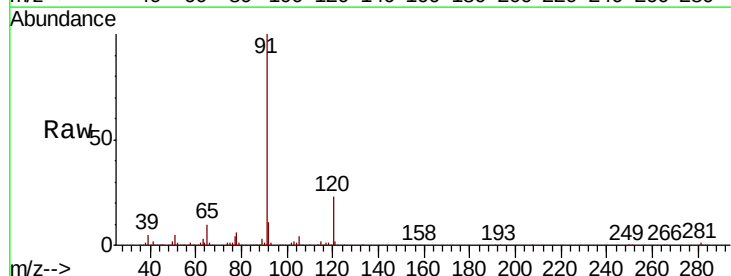
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

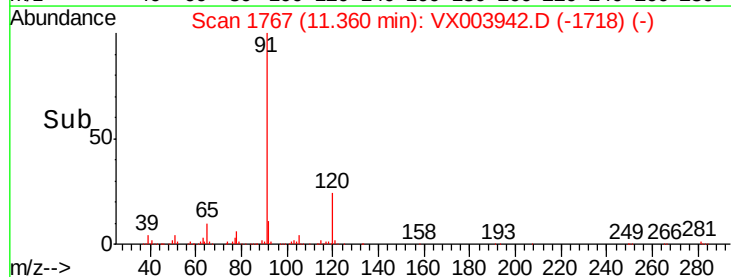
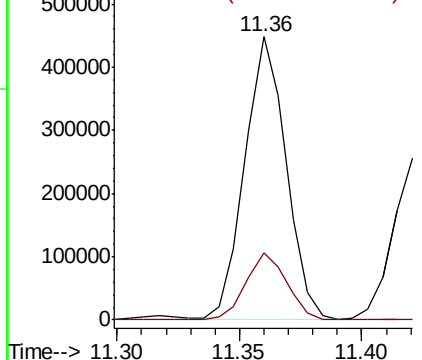
Lab File: VX003942.D

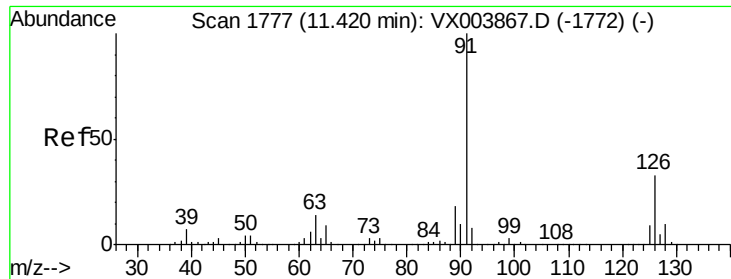
Acq: 09 Aug 2018 11:31

Tgt Ion:	91	Resp:	525918
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.43 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

Tot Ion: 91 Resp: 312398

Ion Ratio Lower Upper

91 100

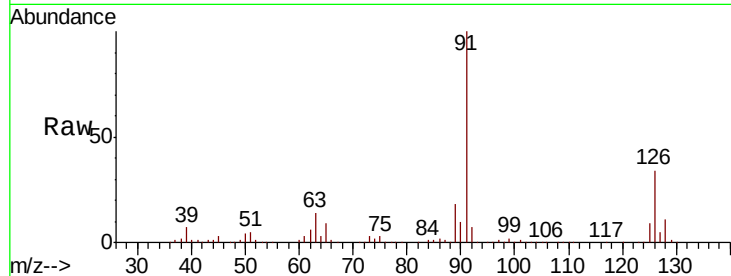
126 34.5 17.4 52.3

Manual Integrations

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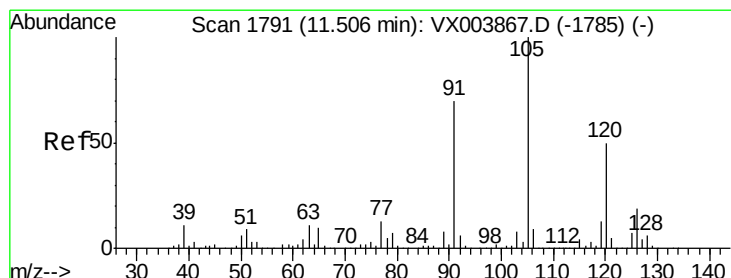
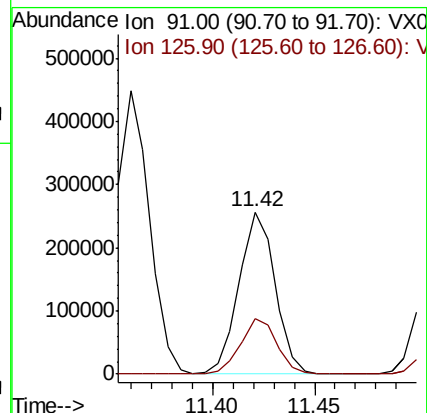
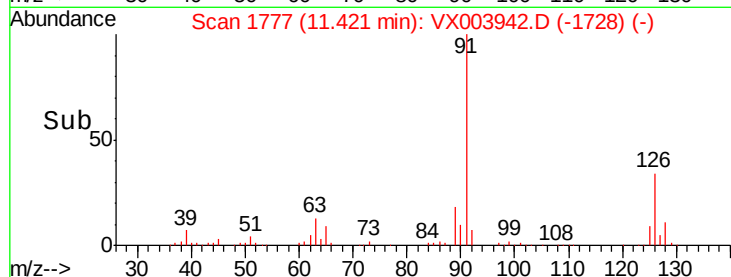
MMDadoda

8/10/2018 10:55:24 AM



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003867.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.49 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003942.D

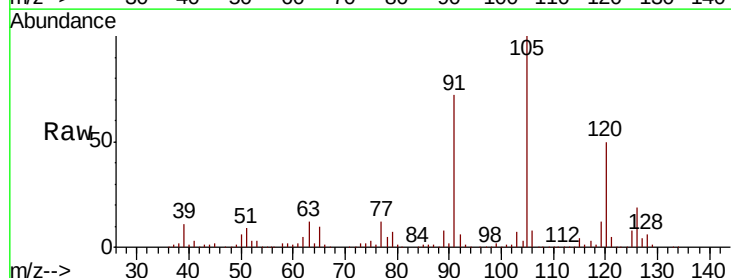
Acq: 09 Aug 2018 11:31

Tgt Ion: 105 Resp: 373200

Ion Ratio Lower Upper

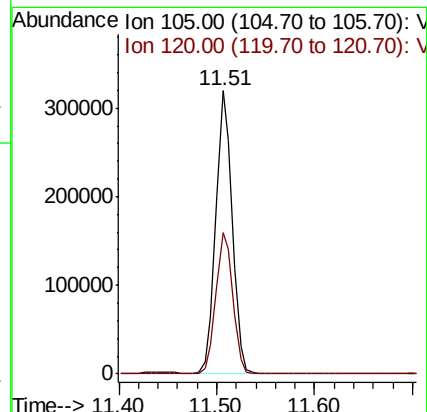
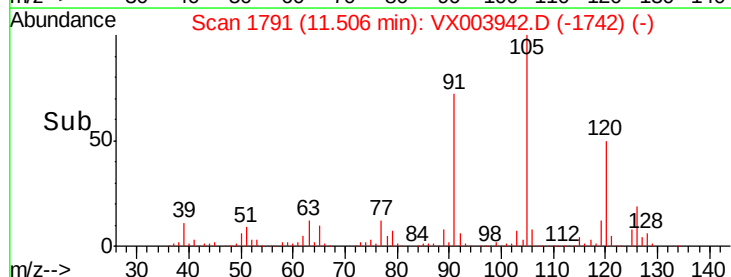
105 100

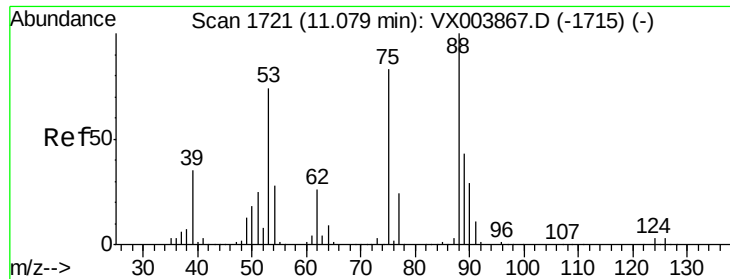
120 51.5 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX003867.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003867.D (-1785) (-)





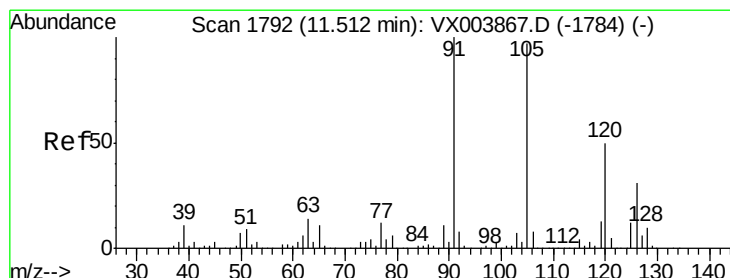
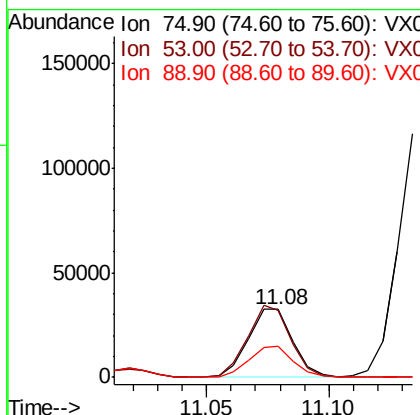
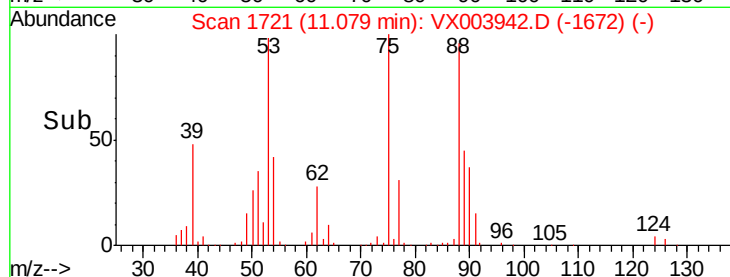
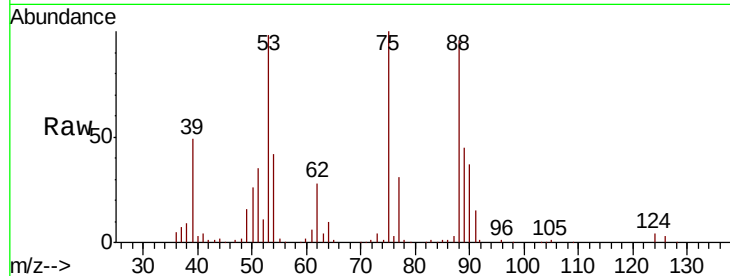
#81
trans-1,4-Dichloro-2-butene
Concen: 16.73 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	80.3	120.5
89	45.6	37.8	56.8

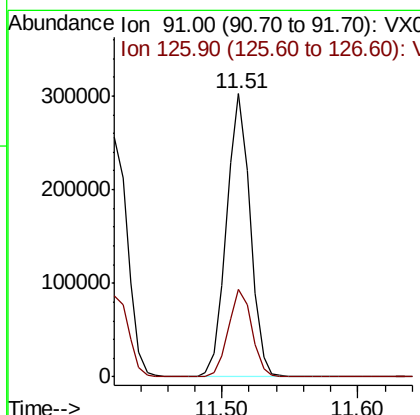
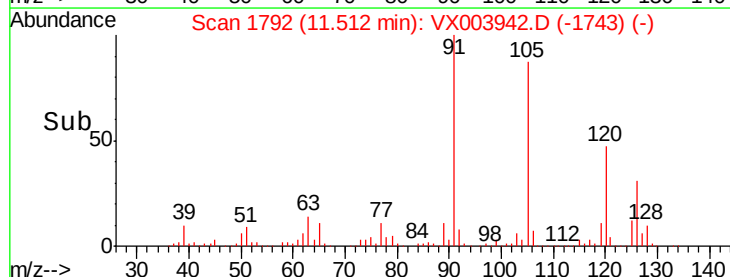
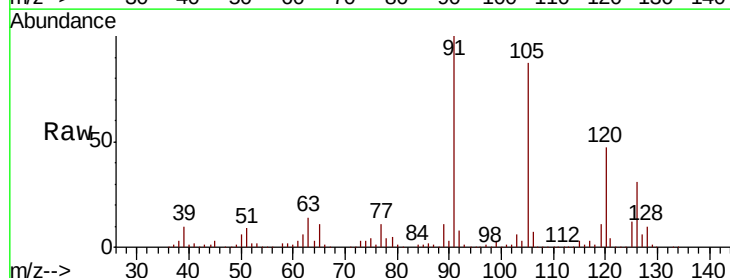
Manual Integrations
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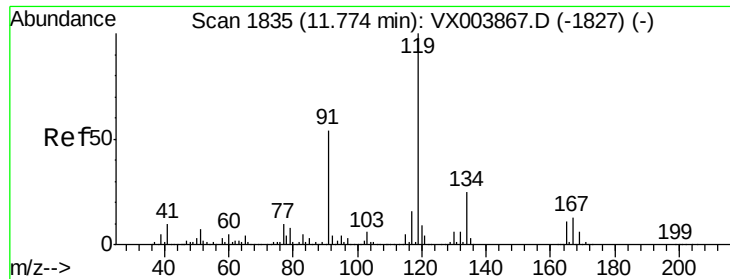
MMDadoda
8/10/2018 10:55:24 AM



#82
4-Chlorotoluene
Concen: 18.28 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7





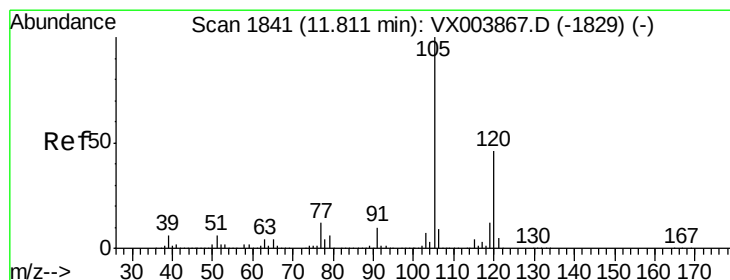
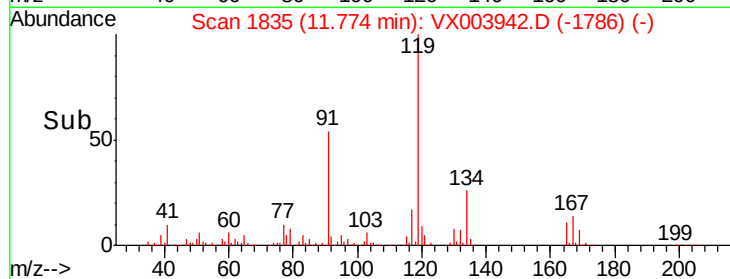
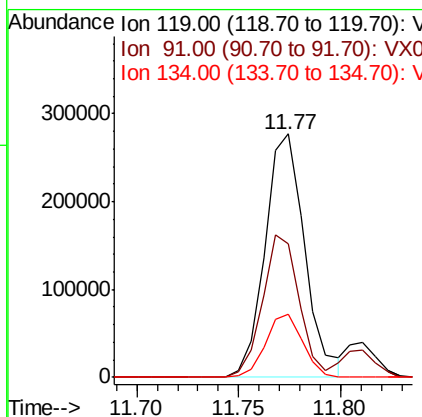
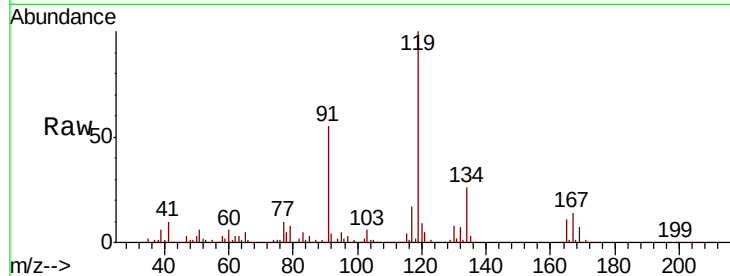
#83
 tert-Butylbenzene
 Concen: 18.91 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	375511		
91	54.1	26.9	80.7	
134	24.5	12.0	36.0	

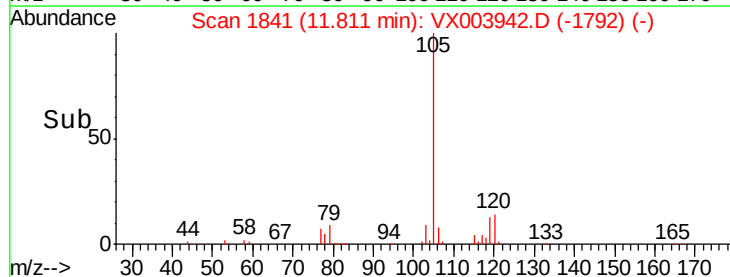
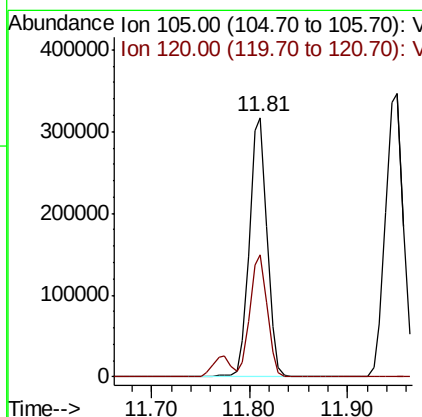
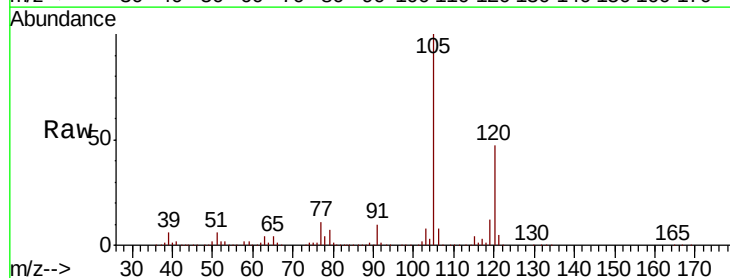
Manual Integrations
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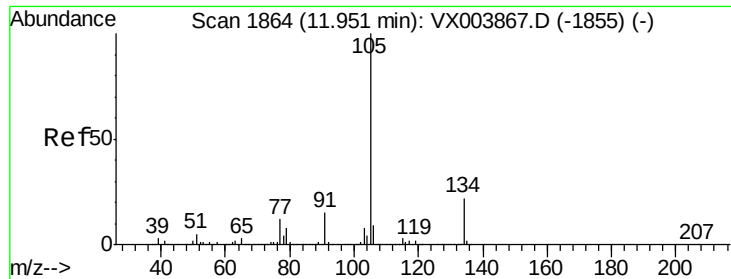
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 8/10/2018 10:55:24 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	396919		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

Tot Ion:105 Resp: 443252

Ion Ratio Lower Upper

105 100

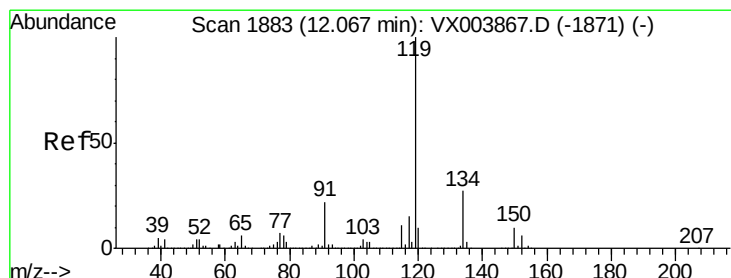
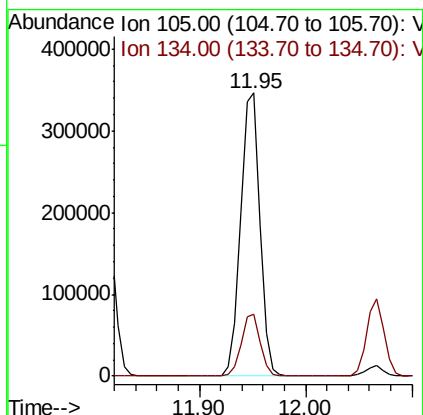
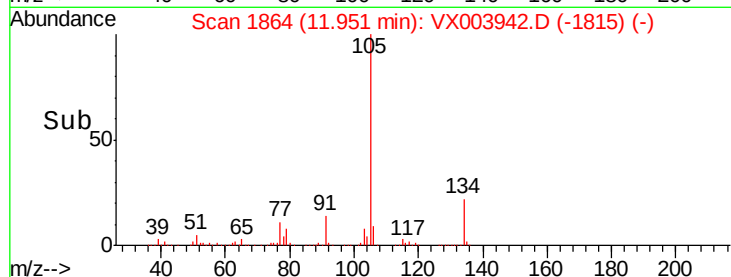
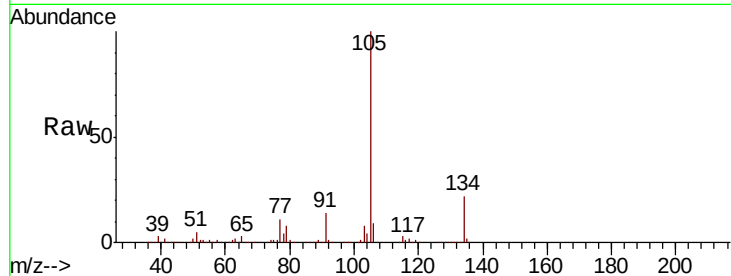
134 21.4 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.42 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003942.D

Acq: 09 Aug 2018 11:31

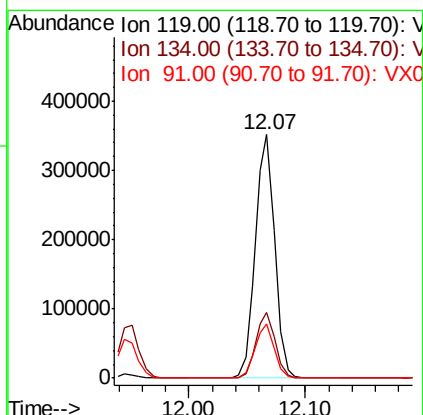
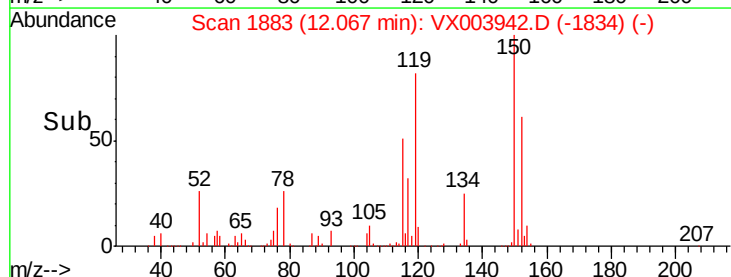
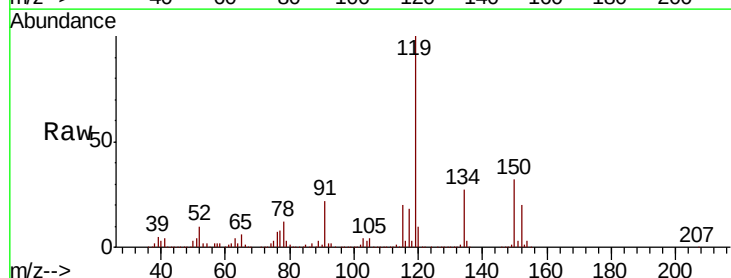
Tgt Ion:119 Resp: 408411

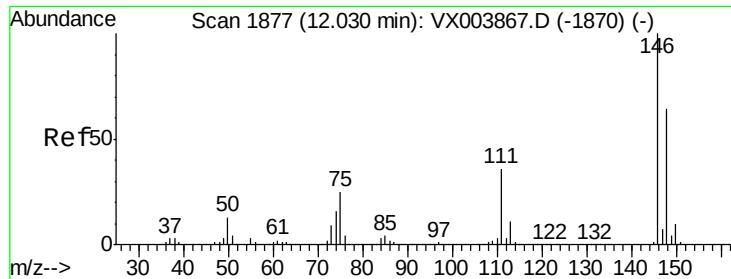
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.0 10.9 32.7





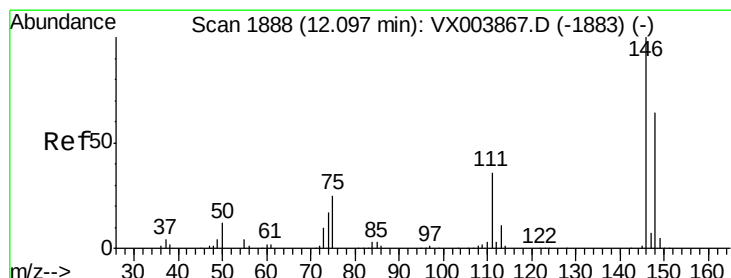
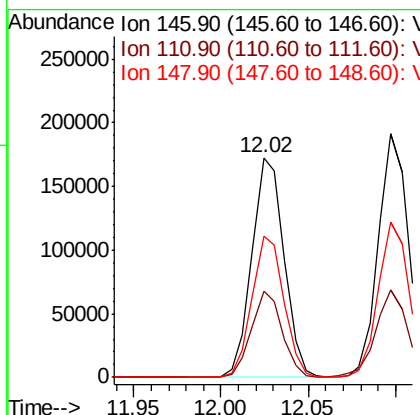
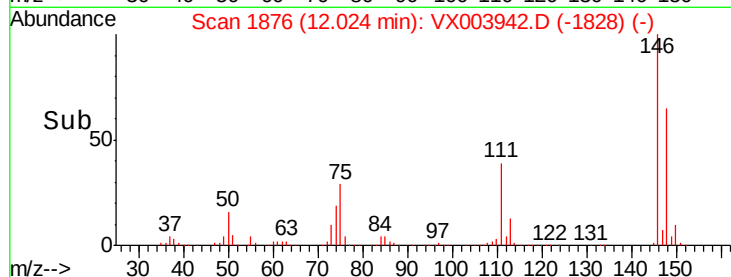
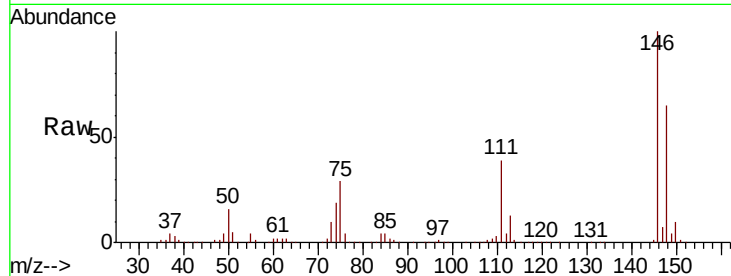
#87
 1,3-Dichlorobenzene
 Concen: 18.09 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.9	31.9	95.5

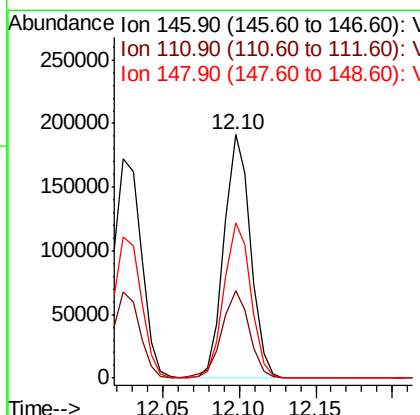
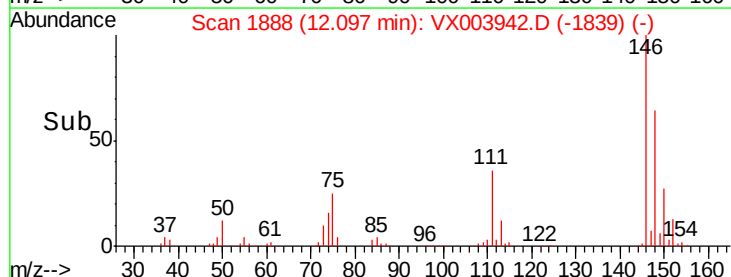
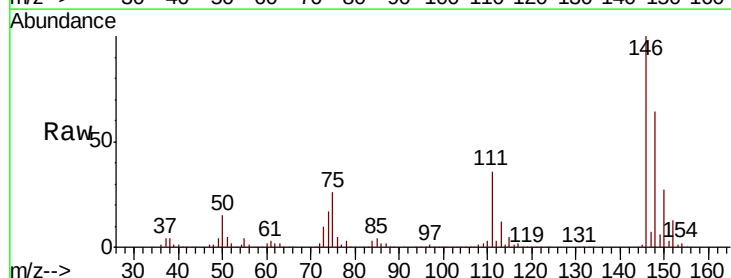
Manual Integrations
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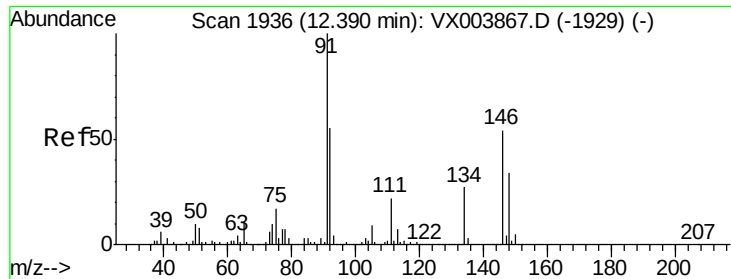
MMDadoda
 8/10/2018 10:55:24 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	64.9	32.3	96.8





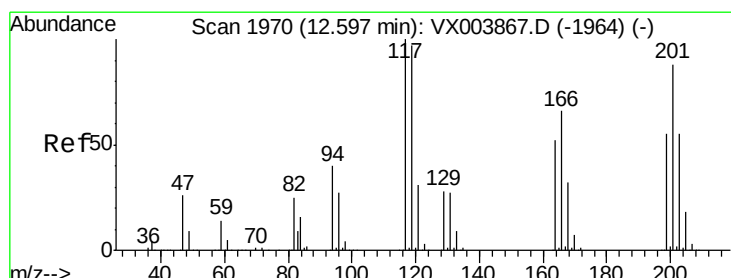
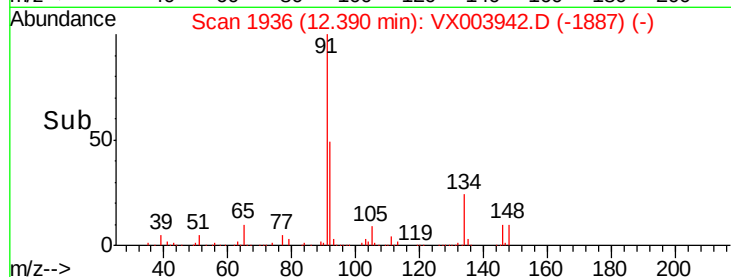
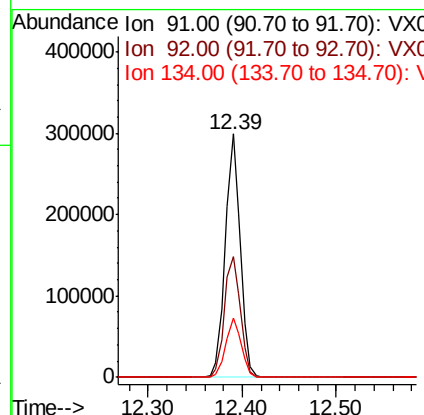
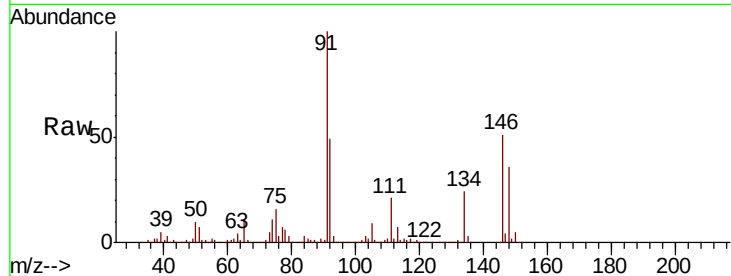
#89
n-Butylbenzene
Concen: 17.97 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	27.1	81.3	
134	25.3	13.6	40.7	

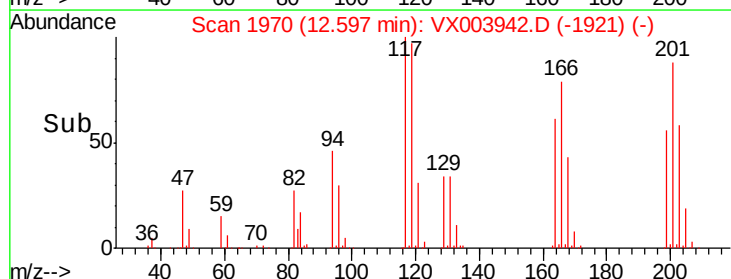
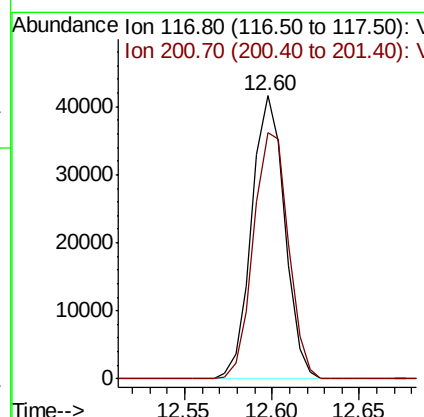
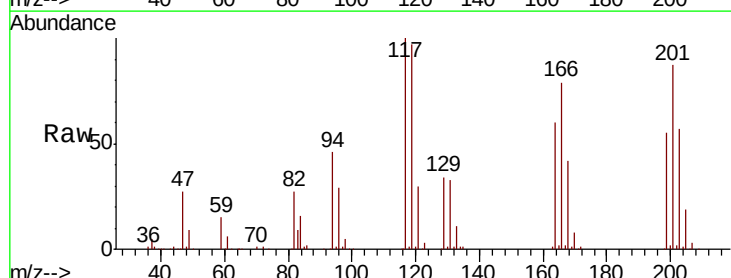
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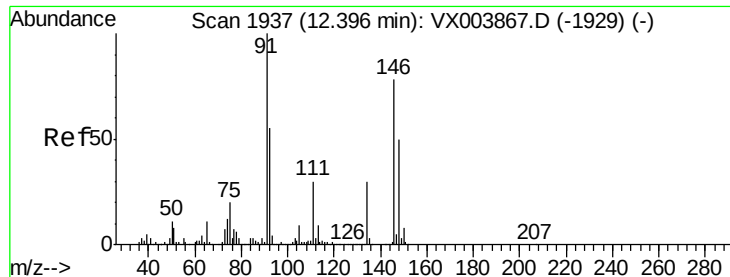
MMDadoda
8/10/2018 10:55:24 AM



#90
Hexachloroethane
Concen: 16.06 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	91.8	46.1	138.2	





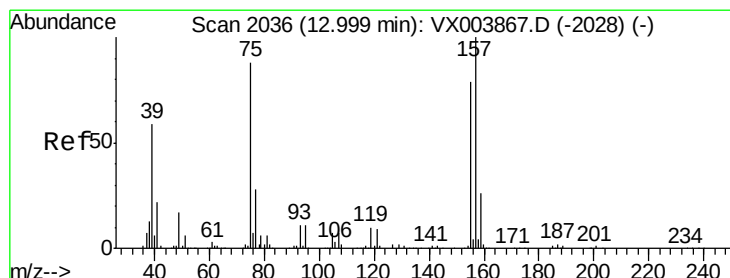
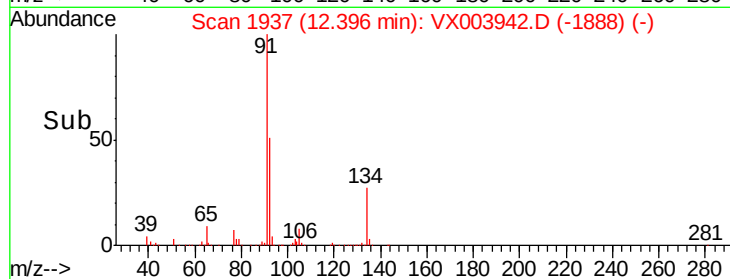
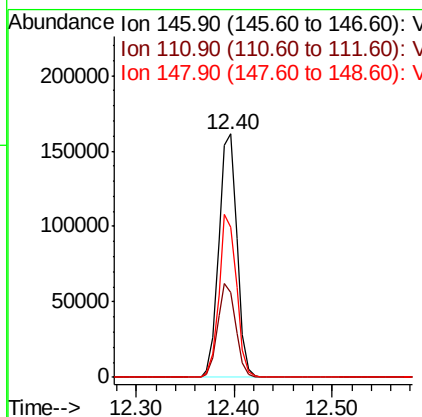
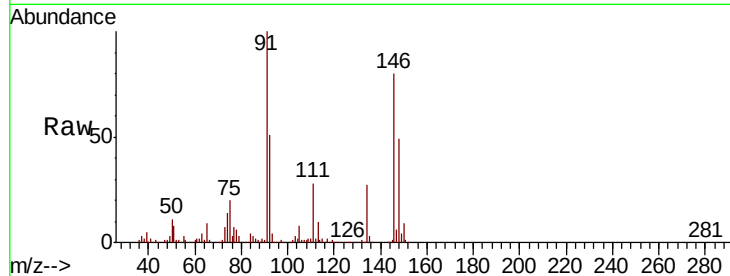
#91
 1,2-Dichlorobenzene
 Concen: 17.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	64.4	31.9	95.5

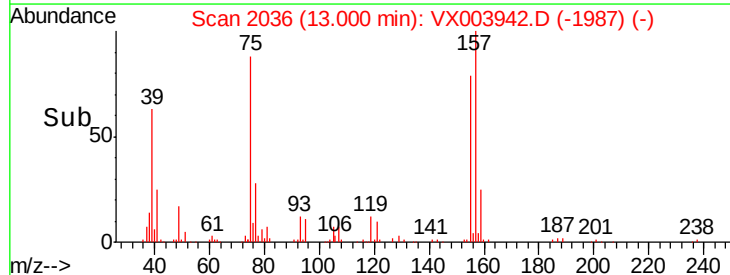
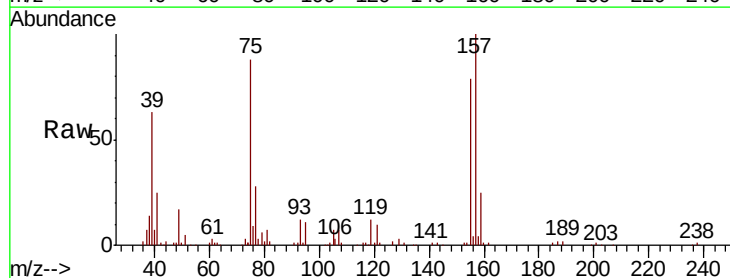
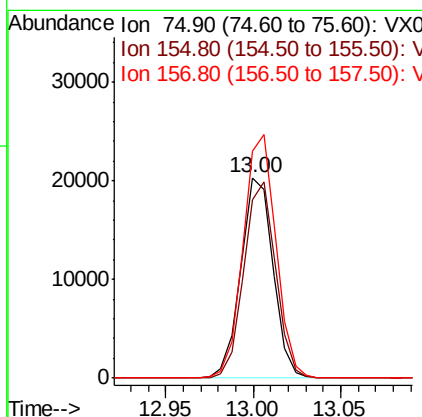
Manual Integrations
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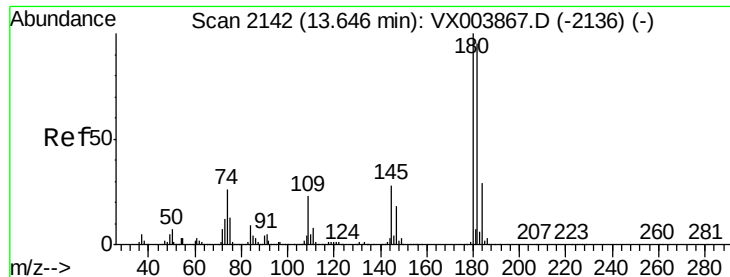
MMDadoda
 8/10/2018 10:55:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.96 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.7	146.1
157	123.4	62.6	187.8





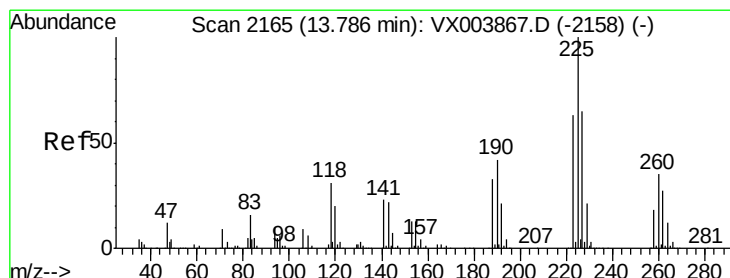
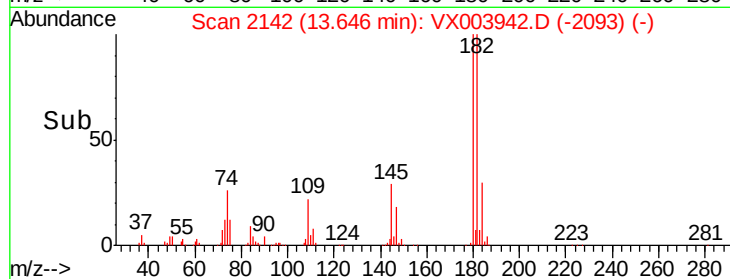
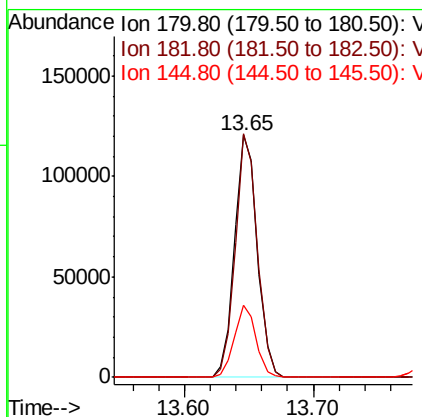
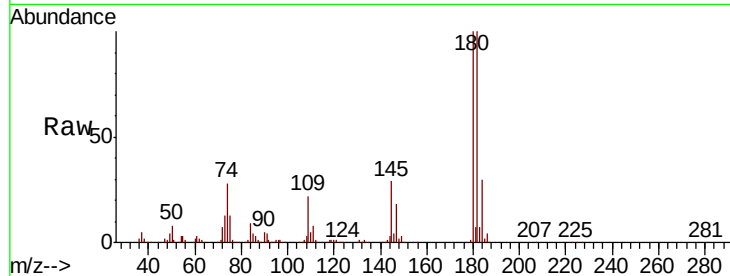
#93
 1,2,4-Trichlorobenzene
 Concen: 16.99 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147914		
182	97.5	47.7	143.1	
145	28.8	13.9	41.6	

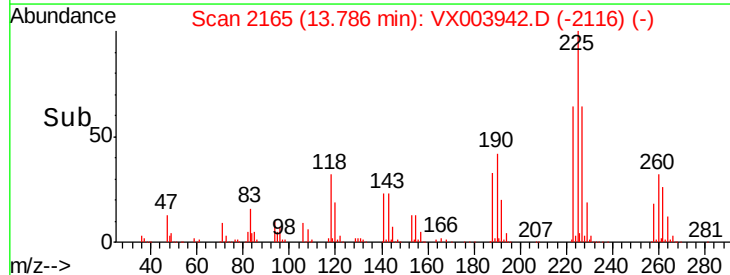
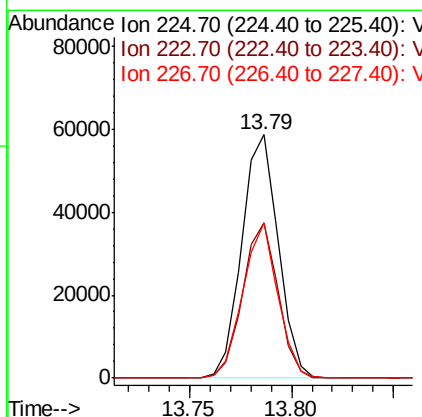
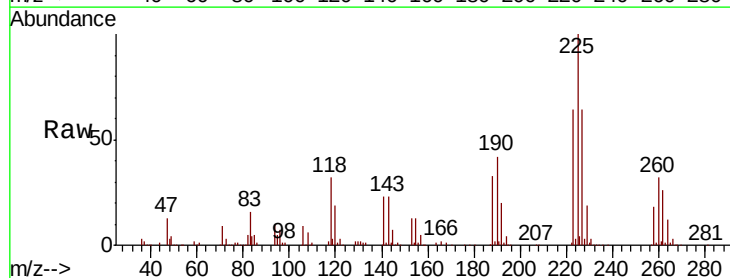
Manual Integrations
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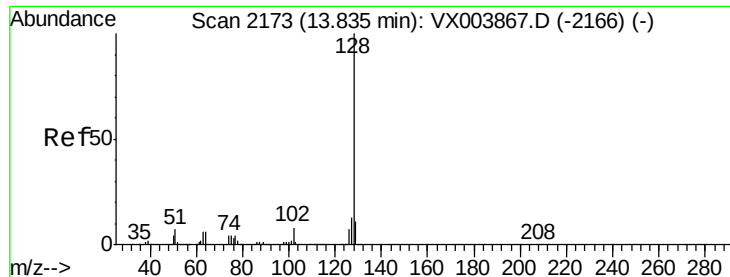
MMDadoda
 8/10/2018 10:55:24 AM



#94
 Hexachlorobutadiene
 Concen: 19.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003942.D
 Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72826		
223	61.8	31.4	94.0	
227	61.1	32.1	96.5	





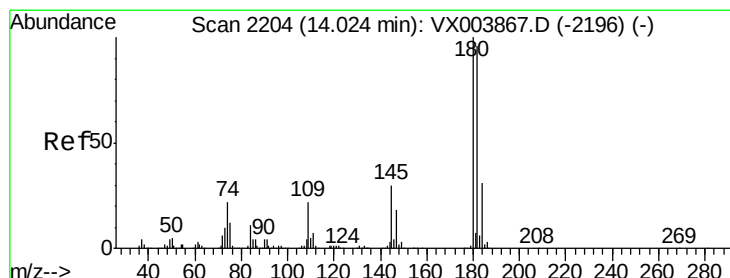
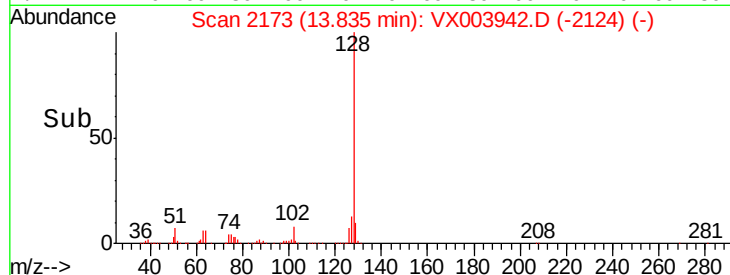
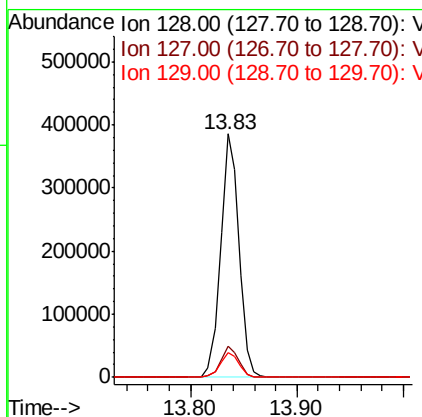
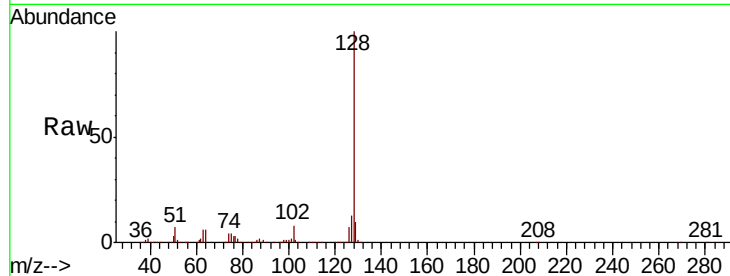
#95
Naphthalene
Concen: 18.47 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2018 10:55:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.69 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003942.D
Acq: 09 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.4
145	29.5	14.9	44.7

