

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003902.D
 Acq On : 08 Aug 2018 01:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 8/8/2018 12:06:07 PM

Quant Time: Aug 08 05:00:11 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	5.67	168	328238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	484845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259769	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	217943	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	181986	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	8.72	98	708364	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	262310	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	168362	50.61	ug/l	100
3) Chloromethane	1.32	50	212095	46.87	ug/l	100
4) Vinyl Chloride	1.40	62	221802	49.14	ug/l	99
5) Bromomethane	1.64	94	124462	52.99	ug/l	100
6) Chloroethane	1.72	64	167170	57.89	ug/l	97
7) Trichlorofluoromethane	1.92	101	295770	49.64	ug/l	99
8) Diethyl Ether	2.19	74	132177	49.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	180550	48.48	ug/l	99
10) Methyl Iodide	2.51	142	219310	47.33	ug/l	99
11) Tert butyl alcohol	3.08	59	231533	221.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	173133	49.14	ug/l	99
13) Acrolein	2.29	56	112185	207.60	ug/l	99
14) Allyl chloride	2.73	41	327224	48.18	ug/l	100
15) Acrylonitrile	3.15	53	612644	245.56	ug/l	100
16) Acetone	2.45	43	612070	236.45	ug/l	99
17) Carbon Disulfide	2.57	76	472621	47.36	ug/l	99
18) Methyl Acetate	2.78	43	283656	50.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	622189	49.84	ug/l	100
20) Methylene Chloride	2.86	84	205417	50.37	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	190524	47.64	ug/l	97
22) Diisopropyl ether	3.87	45	616307	49.37	ug/l	99
23) Vinyl Acetate	3.82	43	2588721	249.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	371760	50.13	ug/l	100
25) 2-Butanone	4.71	43	955895	245.61	ug/l	98
26) 2,2-Dichloropropane	4.58	77	180552	33.76	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	213009	49.08	ug/l	95
28) Bromochloromethane	5.02	49	160121	50.46	ug/l	100
29) Tetrahydrofuran	5.17	42	492083	246.00	ug/l	100
30) Chloroform	5.21	83	353699	50.66	ug/l	98
31) Cyclohexane	5.57	56	313983	50.07	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	299339	51.13	ug/l	99
36) 1,1-Dichloropropene	5.80	75	265852	48.96	ug/l	99
37) Ethyl Acetate	4.87	43	293775	49.18	ug/l	100
38) Carbon Tetrachloride	5.78	117	259134	50.14	ug/l	96

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 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)
39) Methylcyclohexane	7.46	83	314865	49.18	ug/l	99
40) Benzene	6.15	78	814249	49.94	ug/l	100
41) Methacrylonitrile	5.06	41	162666	49.45	ug/l	99
42) 1,2-Dichloroethane	6.20	62	277797	50.38	ug/l	100
43) Isopropyl Acetate	6.47	43	449290	49.98	ug/l	100
44) Trichloroethene	7.21	130	214999	48.21	ug/l	94
45) 1,2-Dichloropropane	7.52	63	207614	49.31	ug/l	99
46) Dibromomethane	7.67	93	134338	49.14	ug/l	99
47) Bromodichloromethane	7.90	83	261432	50.76	ug/l	99
48) Methyl methacrylate	7.78	41	236347	51.72	ug/l	99
49) 1,4-Dioxane	7.76	88	96166	893.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1928777	258.86	ug/l	100
52) Toluene	8.79	92	526280	51.08	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	280603	48.21	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	305716	48.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	211488	50.23	ug/l	99
56) Ethyl methacrylate	9.18	69	321916	52.70	ug/l	100
57) 1,3-Dichloropropane	9.37	76	351643	49.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	792849	263.95	ug/l	99
59) 2-Hexanone	9.50	43	1466126	263.24	ug/l	100
60) Dibromochloromethane	9.59	129	211086	53.77	ug/l	99
61) 1,2-Dibromoethane	9.68	107	220366	52.28	ug/l	100
64) Tetrachloroethene	9.34	164	210718	46.23	ug/l	93
65) Chlorobenzene	10.14	112	578012	47.94	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	205431	49.56	ug/l	99
67) Ethyl Benzene	10.26	91	990166	50.17	ug/l	99
68) m/p-Xylenes	10.36	106	770032	99.85	ug/l	98
69) o-Xylene	10.70	106	374920	51.50	ug/l	97
70) Styrene	10.71	104	630612	52.91	ug/l	98
71) Bromoform	10.86	173	163429	46.71	ug/l	99
73) Isopropylbenzene	11.02	105	996446	51.85	ug/l	96
74) N-amyl acetate	6.47	43	449290	44.96	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	330458	50.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	292643m	51.00	ug/l	
77) Bromobenzene	11.26	156	262327	51.17	ug/l	99
78) n-propylbenzene	11.36	91	1145549	53.09	ug/l	100
79) 2-Chlorotoluene	11.42	91	681710	51.81	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	836104	53.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	86885	41.58	ug/l	99
82) 4-Chlorotoluene	11.51	91	793446	51.48	ug/l	100
83) tert-Butylbenzene	11.77	119	838153	54.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	863855	54.83	ug/l	99
85) sec-Butylbenzene	11.95	105	988258	54.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	853017	52.25	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	460925	48.64	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	465134	51.20	ug/l	99
89) n-Butylbenzene	12.39	91	708685	49.82	ug/l	99
90) Hexachloroethane	12.60	117	122632	46.27	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	436863	46.51	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60137	44.57	ug/l	100

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ClientSampleId :
VSTDCCC050

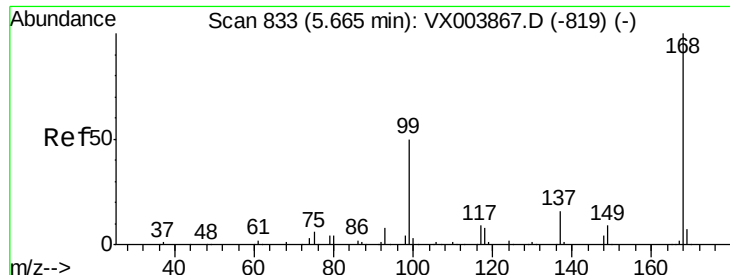
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	335186	49.62	ug/l	98
94) Hexachlorobutadiene	13.79	225	154416	51.79	ug/l	99
95) Naphthalene	13.83	128	1087789	56.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	357756	53.07	ug/l	100

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



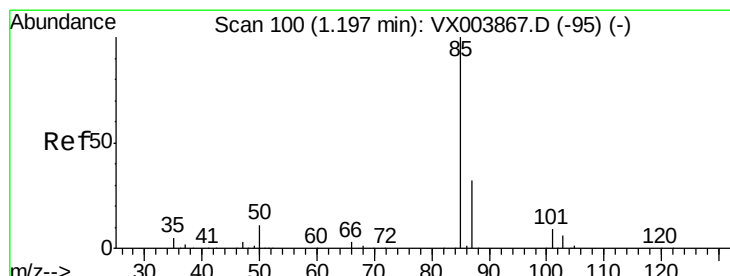
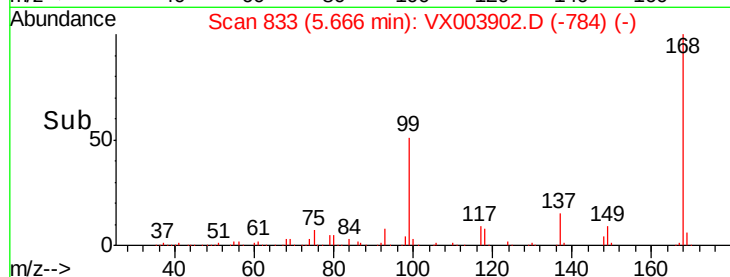
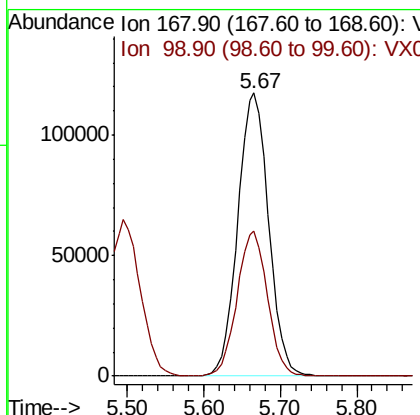
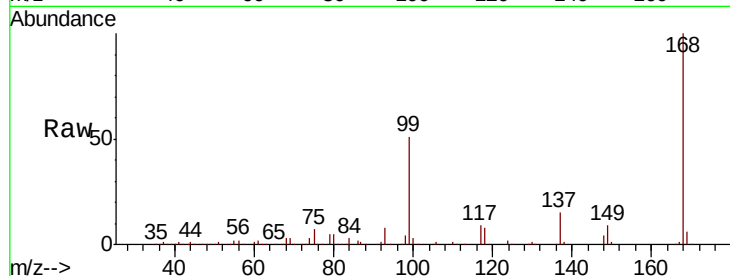
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.1	40.1	60.1

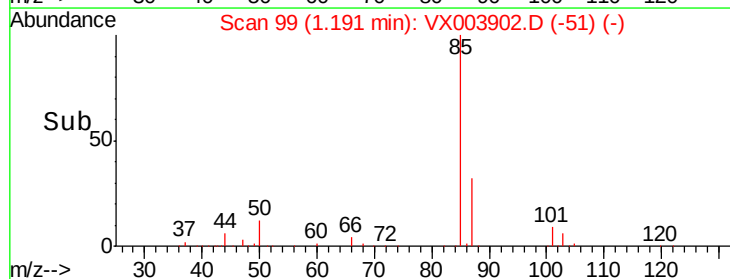
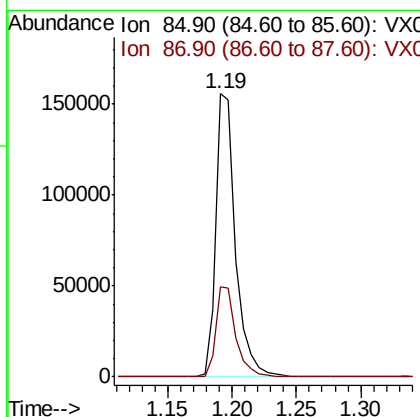
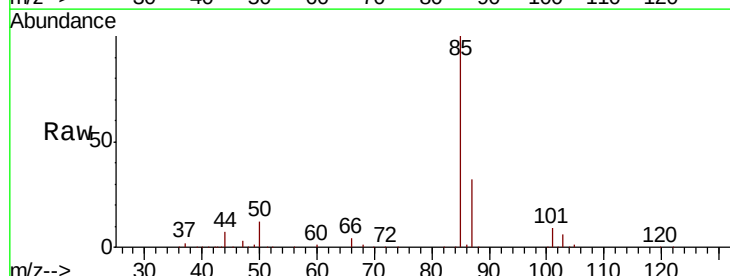
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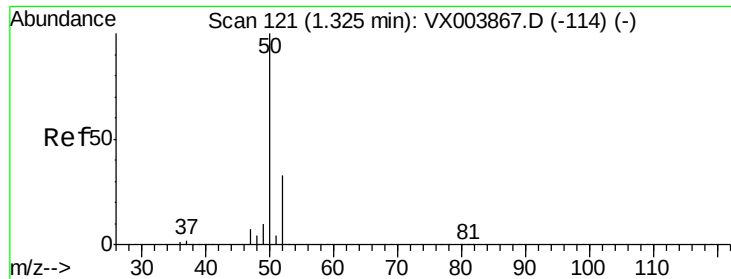
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#2
Dichlorodifluoromethane
Concen: 50.61 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.0	48.0





#3

Chloromethane

Concen: 46.87 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 212095

Ion Ratio Lower Upper

50 100

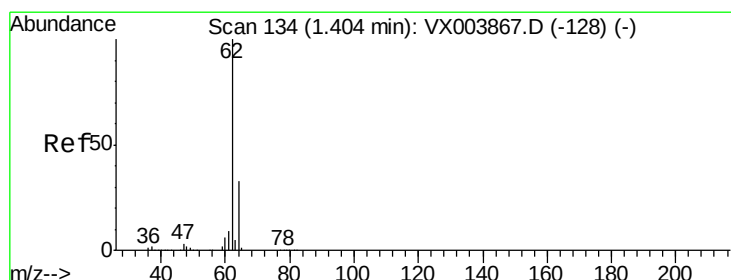
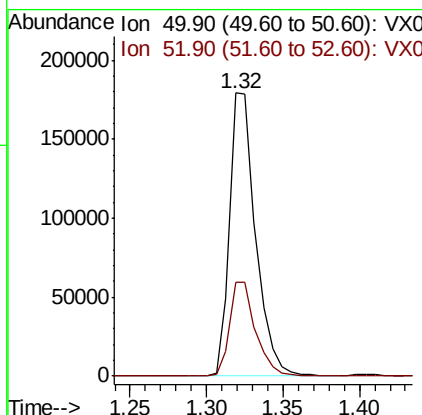
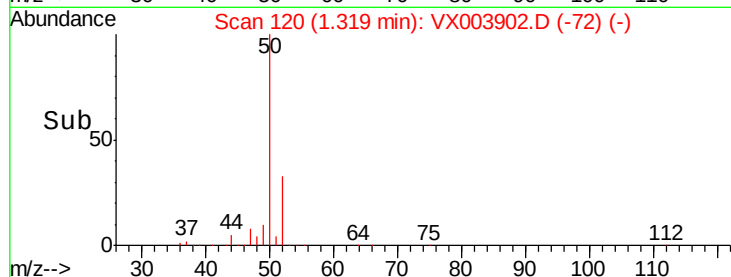
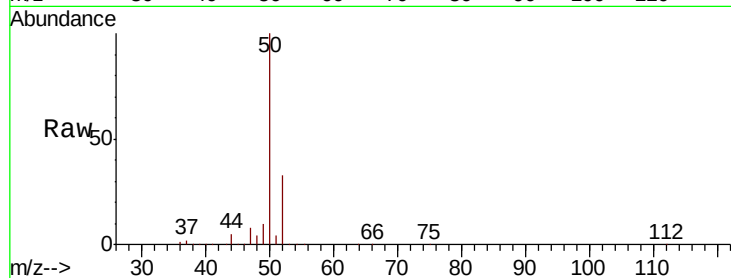
52 33.3 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003902.D

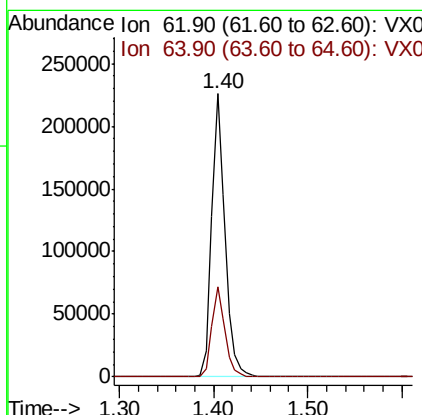
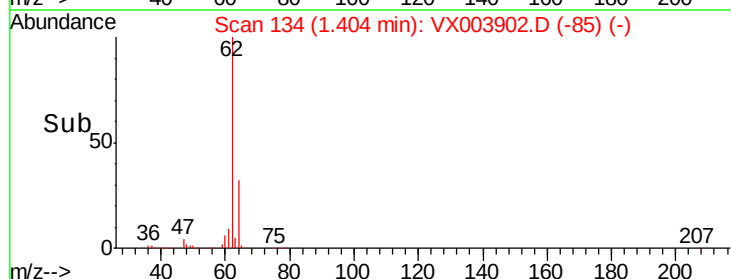
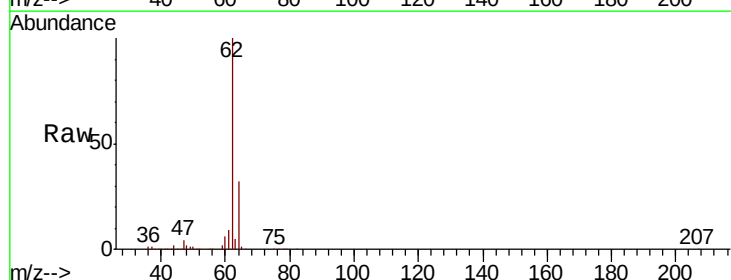
Acq: 08 Aug 2018 01:51

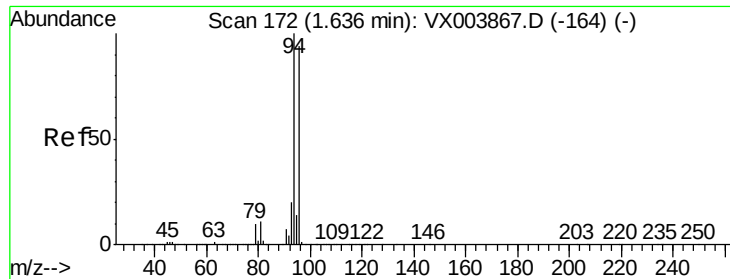
Tgt Ion: 62 Resp: 221802

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 52.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 124462

Ion Ratio Lower Upper

94 100

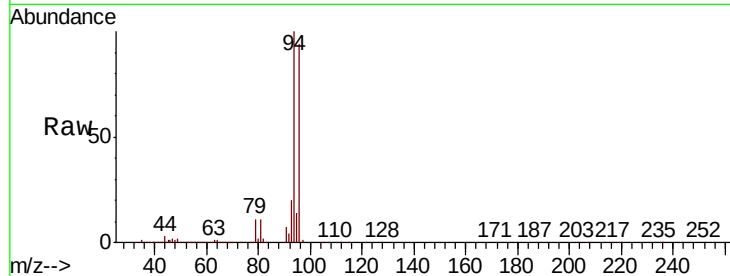
96 93.8 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150000

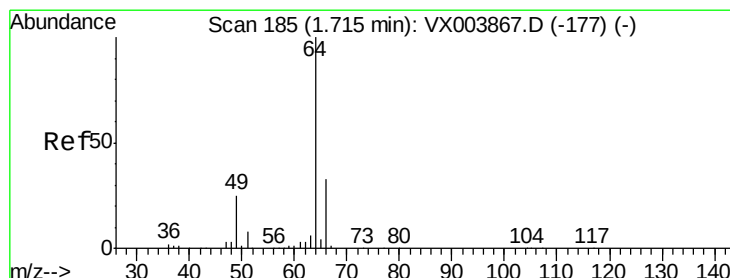
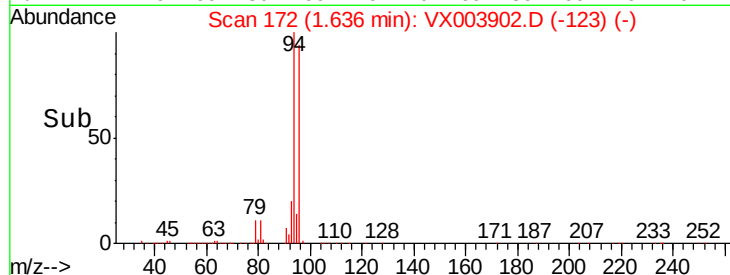
100000

50000

0

1.64

Time-->



#6

Chloroethane

Concen: 57.89 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003902.D

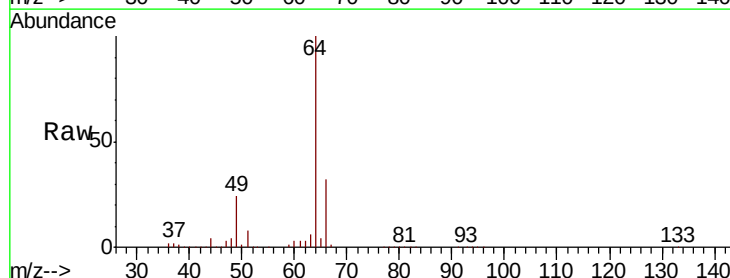
Acq: 08 Aug 2018 01:51

Tgt Ion: 64 Resp: 167170

Ion Ratio Lower Upper

64 100

66 31.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

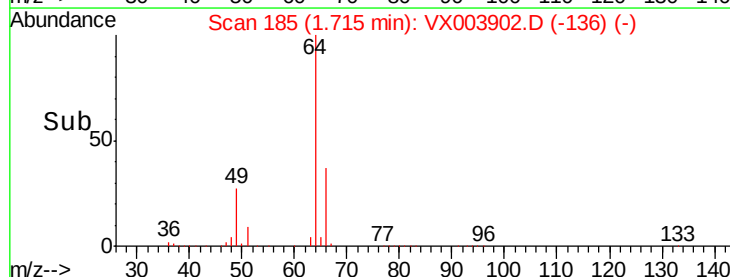
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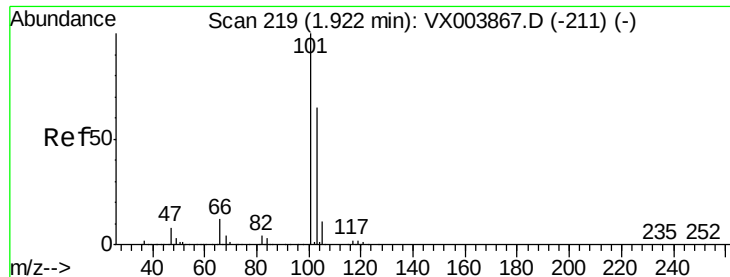
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0

1.72

Time-->





#7

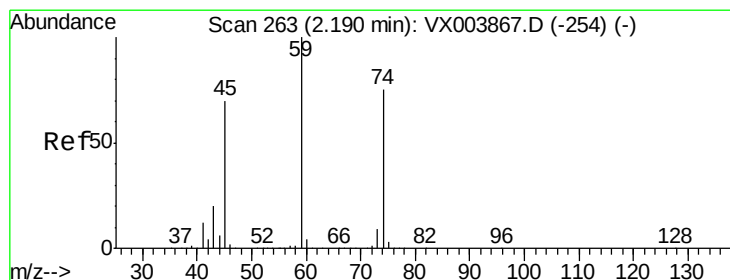
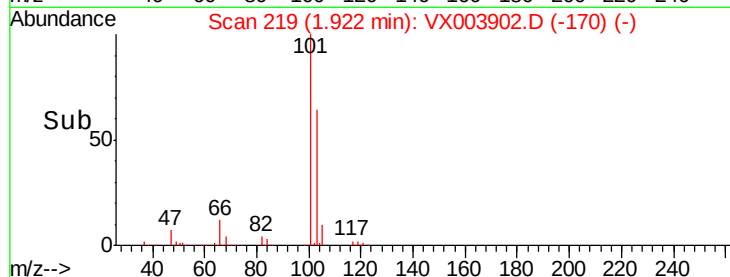
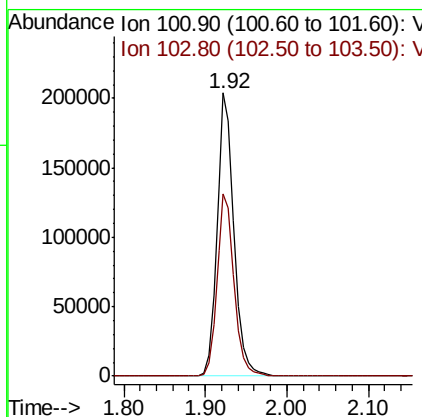
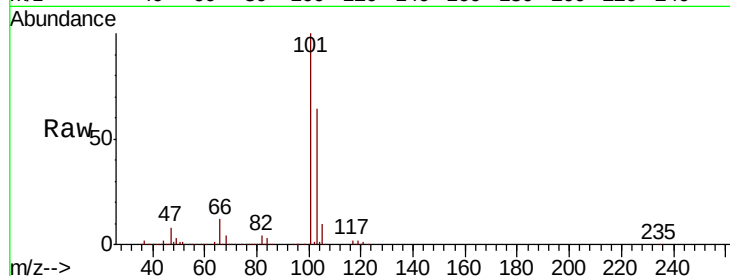
Trichlorofluoromethane
 Concen: 49.64 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

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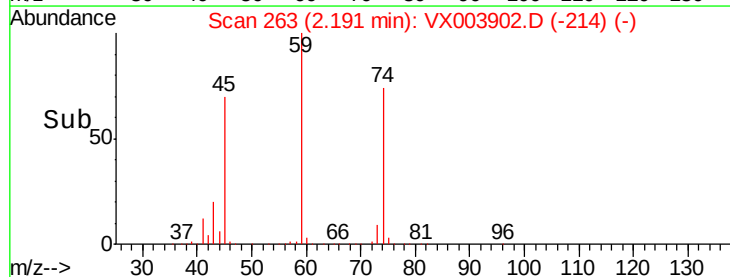
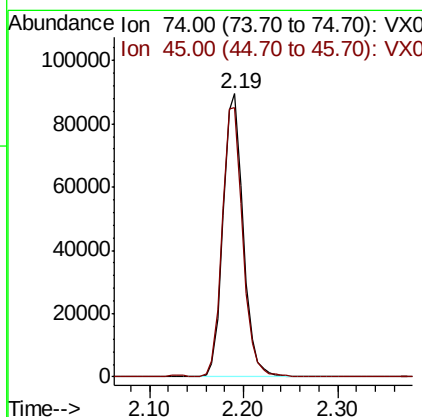
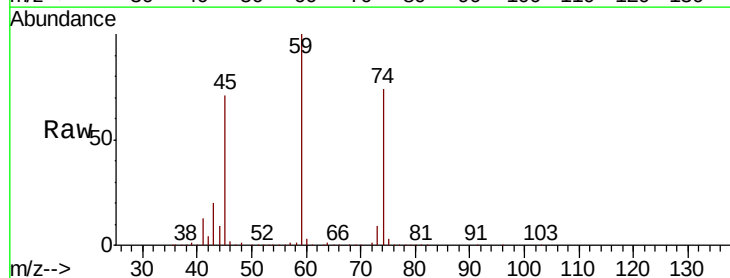
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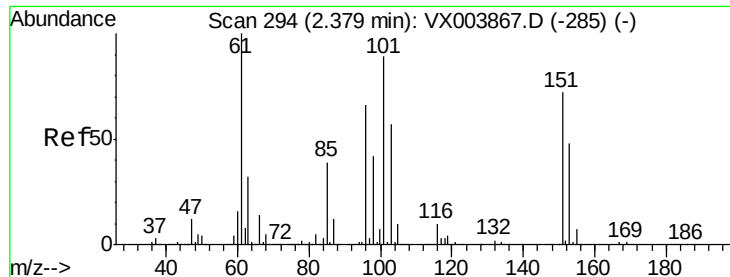


#8

Diethyl Ether
 Concen: 49.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.48 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

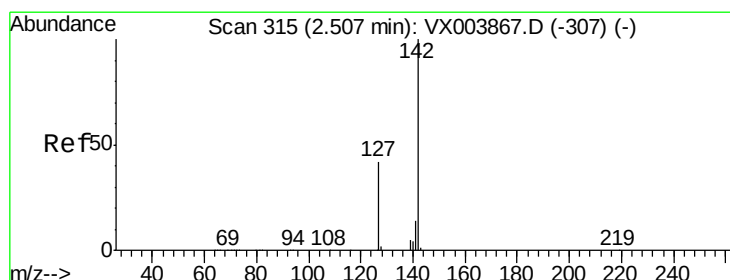
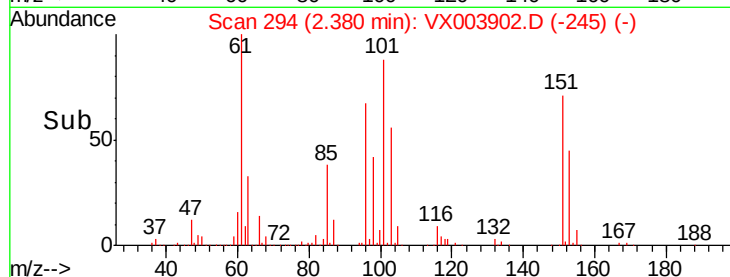
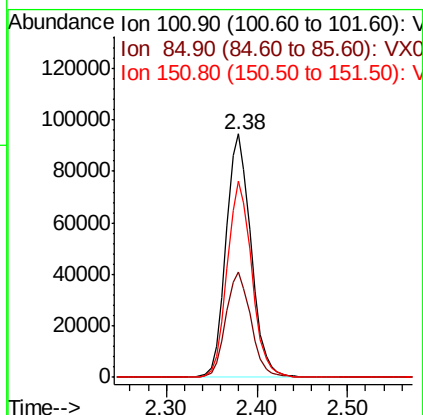
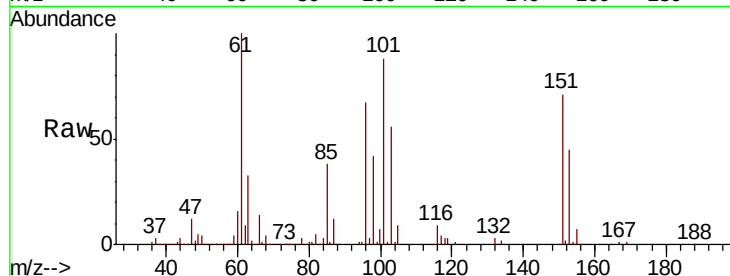
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	180550
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	79.9	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 47.33 ug/l

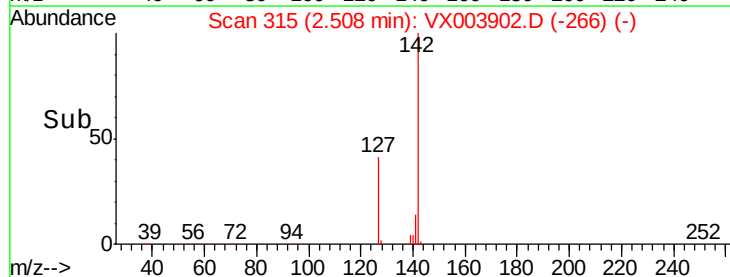
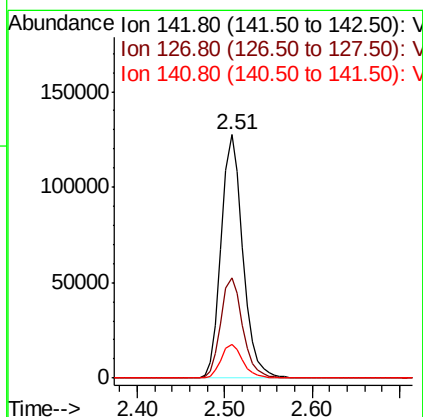
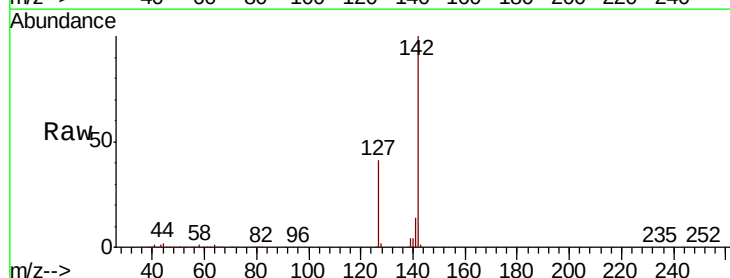
RT: 2.51 min Scan# 315

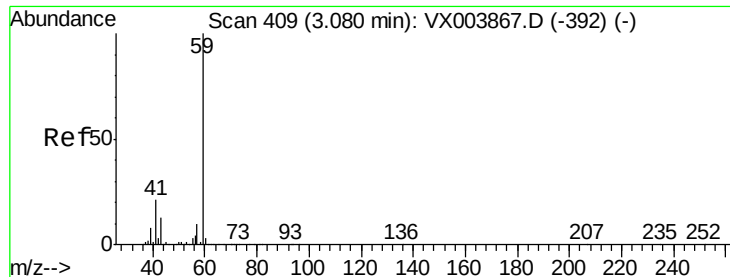
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion:	142	Resp:	219310
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.1	49.7
141	14.0	11.1	16.7





#11

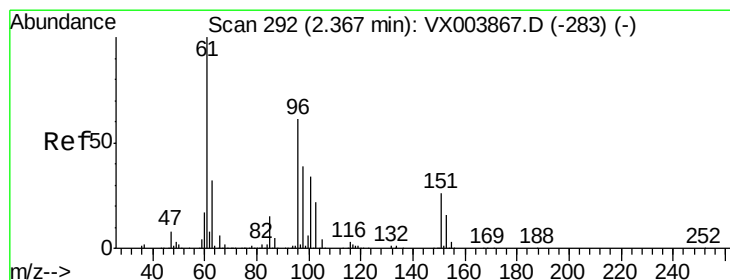
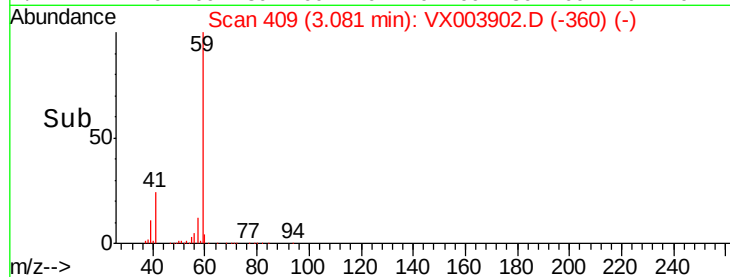
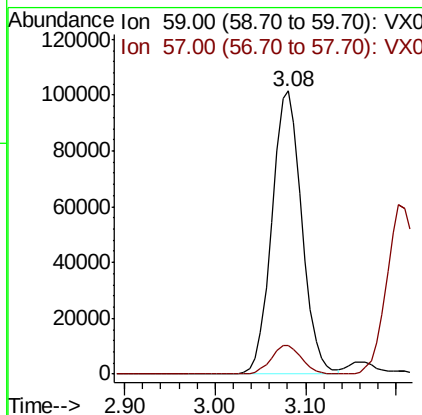
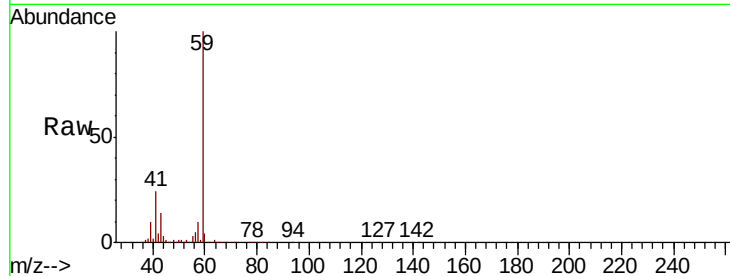
Tert butyl alcohol
Concen: 221.45 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

Manual Integrations
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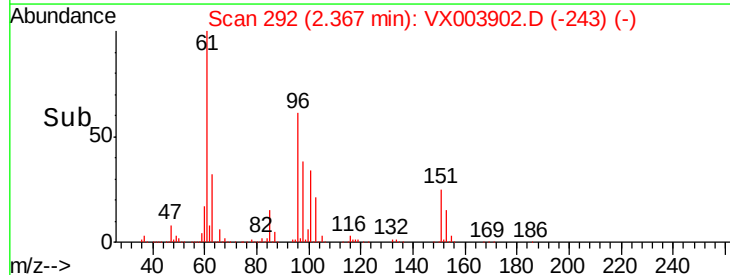
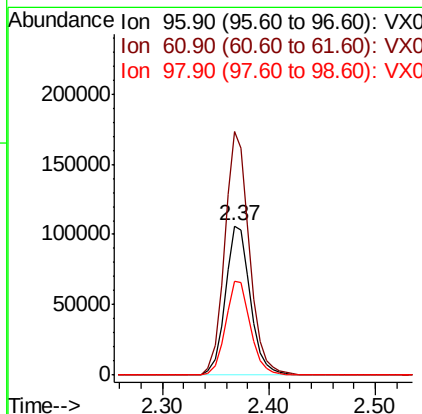
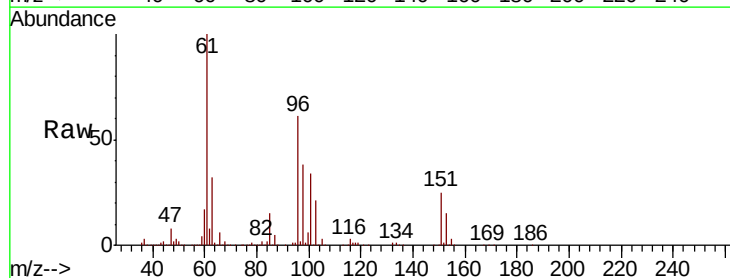
MMDadoda
8/8/2018 12:06:07 PM

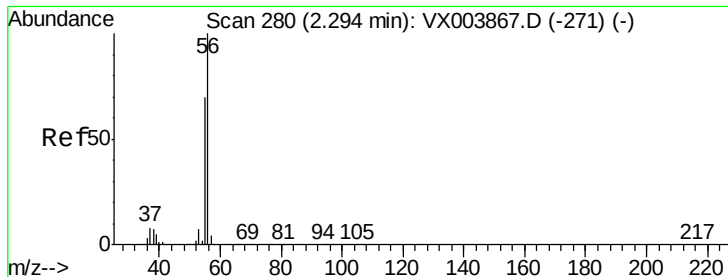


#12

1,1-Dichloroethene
Concen: 49.14 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	131.3	196.9
98	62.6	51.8	77.6





#13

Acrolein

Concen: 207.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 112185

Ion Ratio Lower Upper

56 100

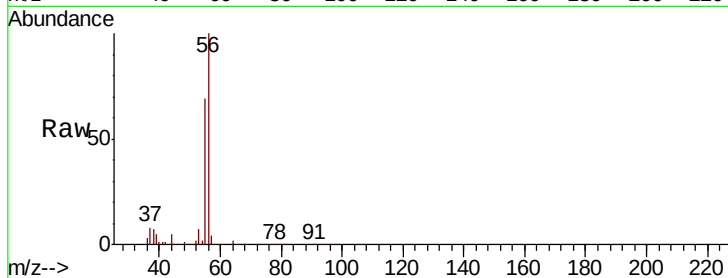
55 69.4 56.1 84.1

Manual Integrations

APPROVED

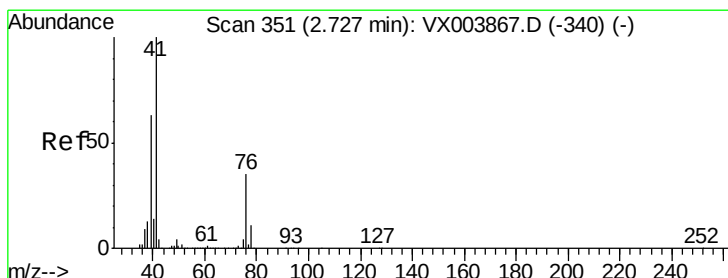
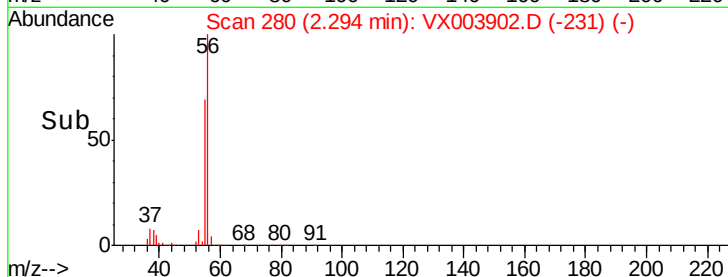
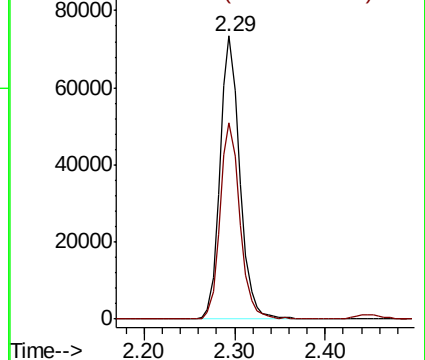
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

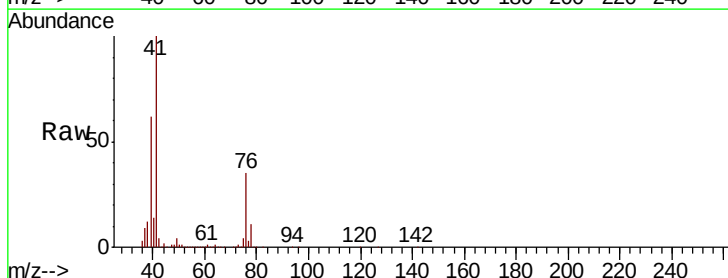
Tgt Ion: 41 Resp: 327224

Ion Ratio Lower Upper

41 100

39 59.1 47.4 71.0

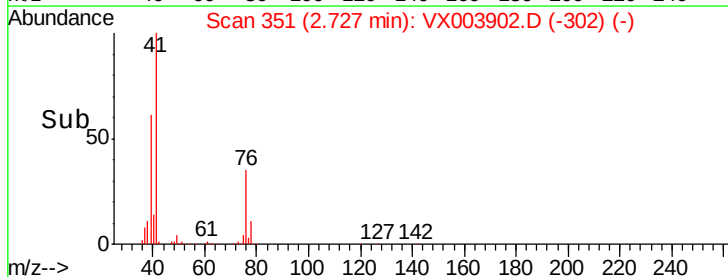
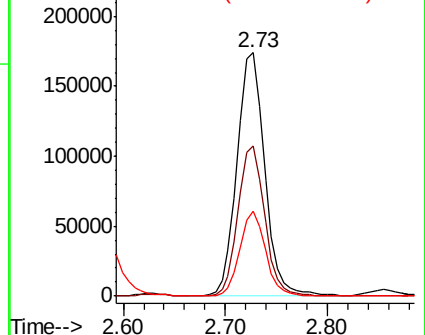
76 32.2 26.0 39.0

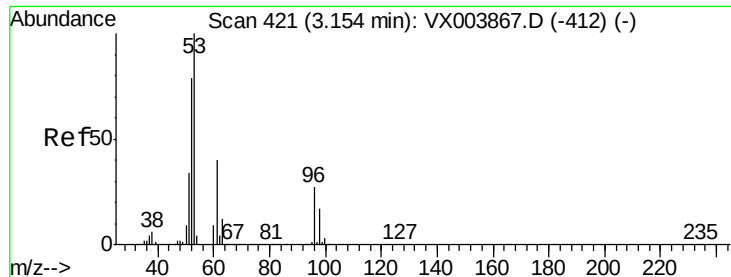


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.56 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

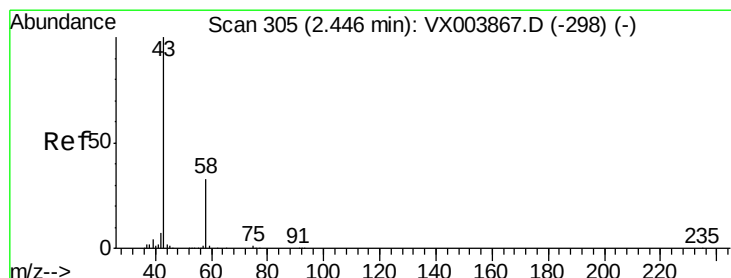
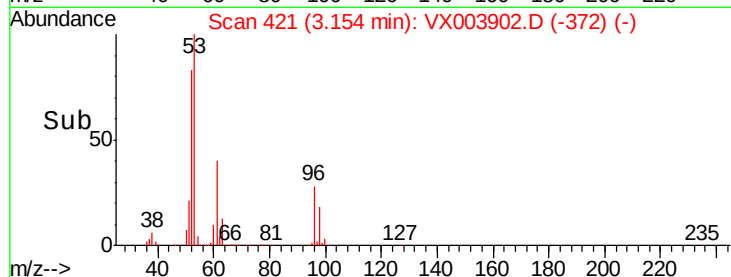
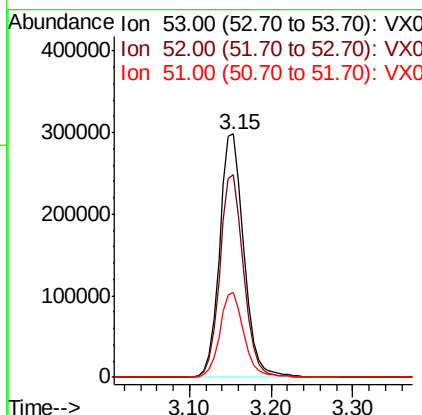
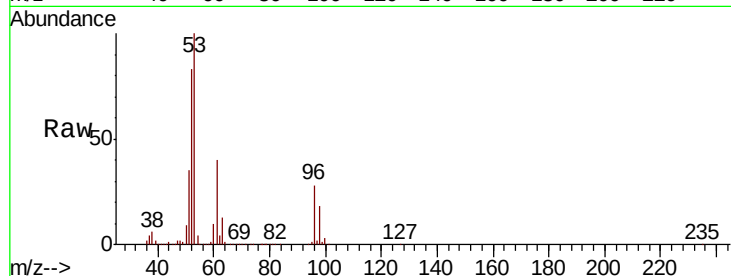
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	612644
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 236.45 ug/l

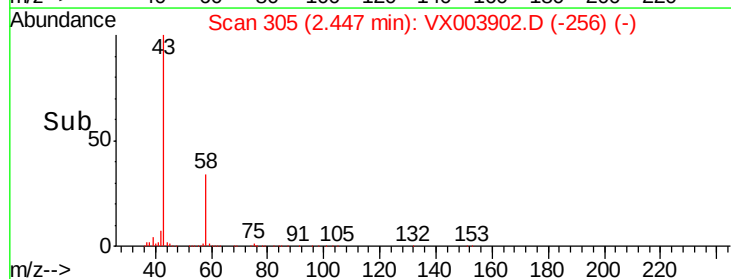
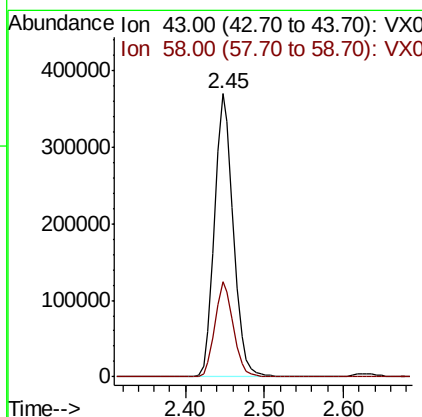
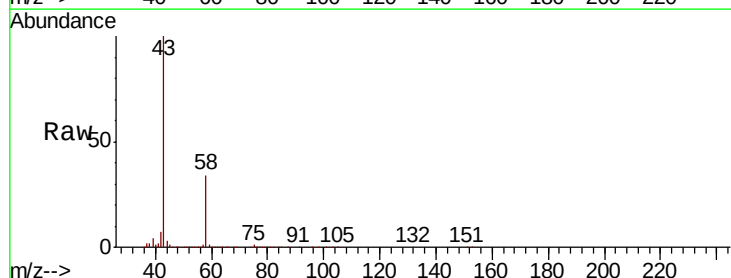
RT: 2.45 min Scan# 305

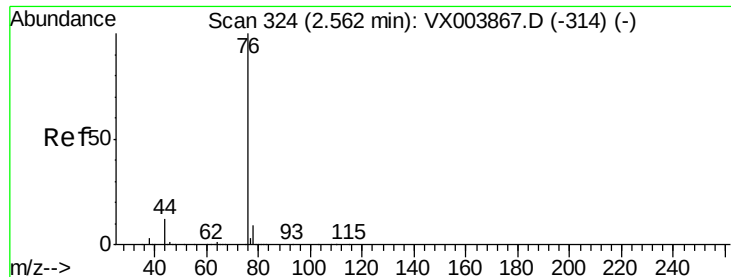
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion:	43	Resp:	612070
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.4	39.6





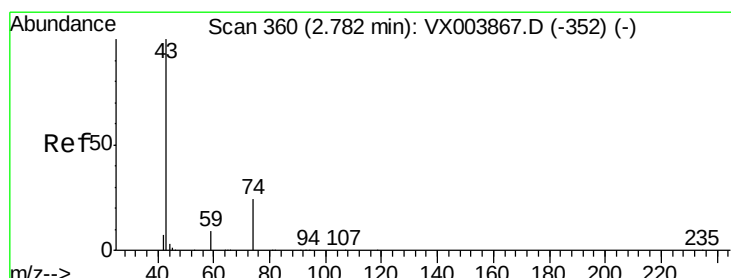
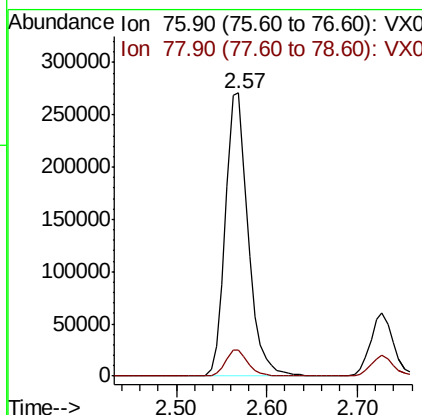
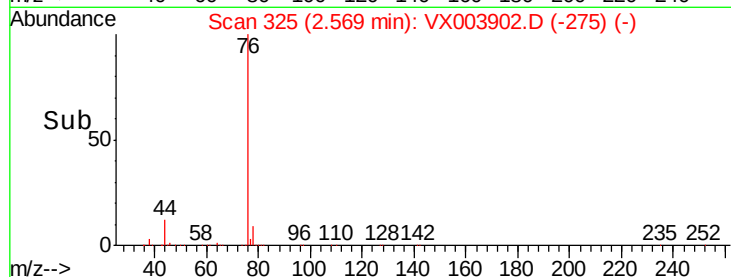
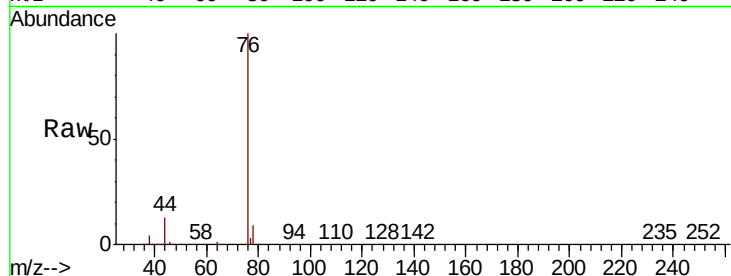
#17
Carbon Disulfide
Concen: 47.36 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

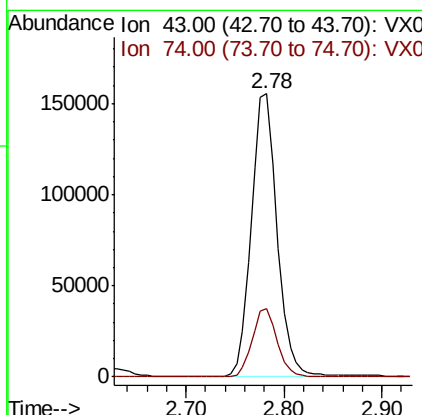
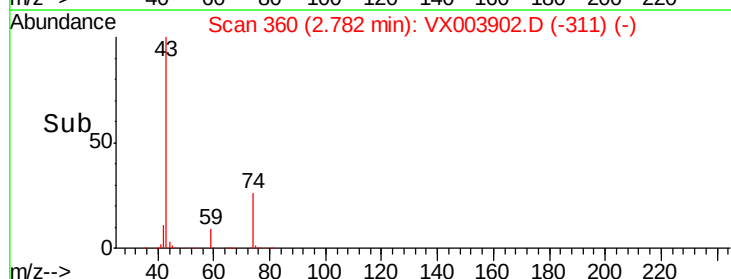
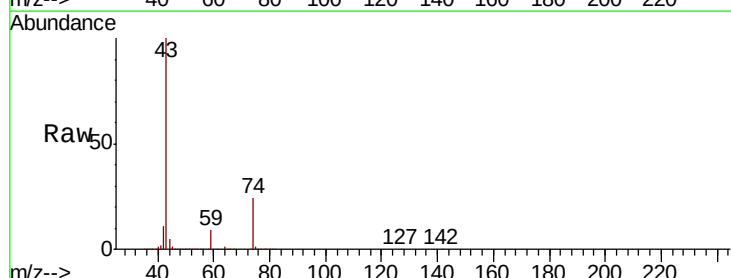
Manual Integrations
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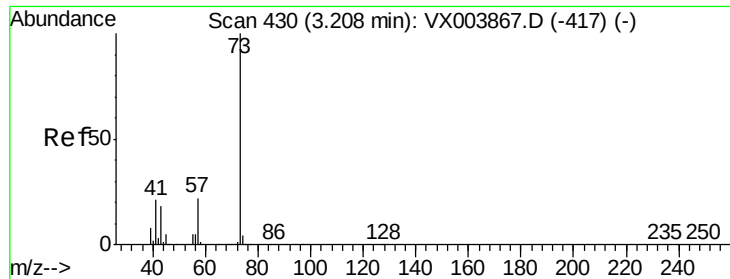
MMDadoda
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#18
Methyl Acetate
Concen: 50.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.9	28.3





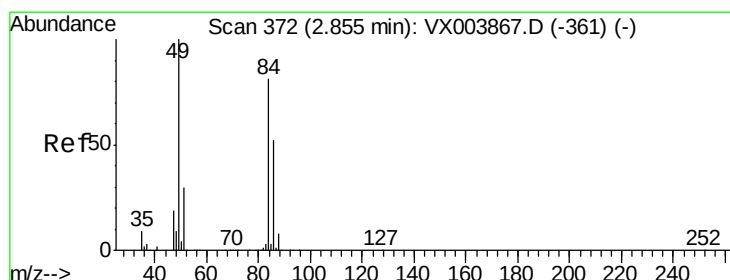
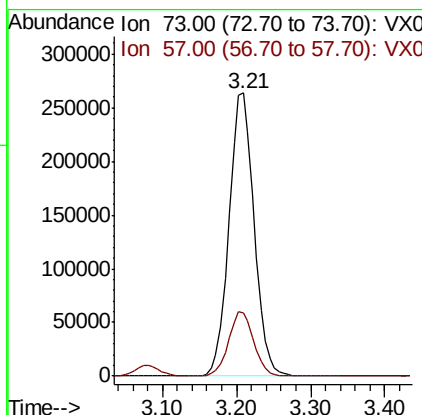
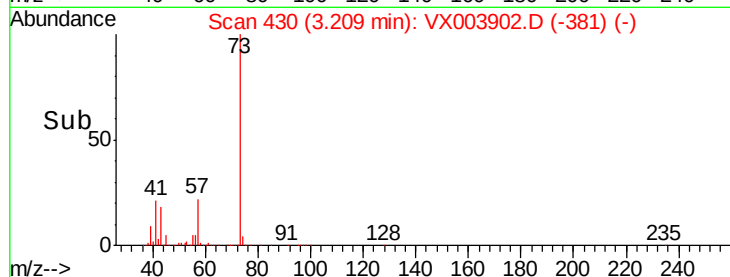
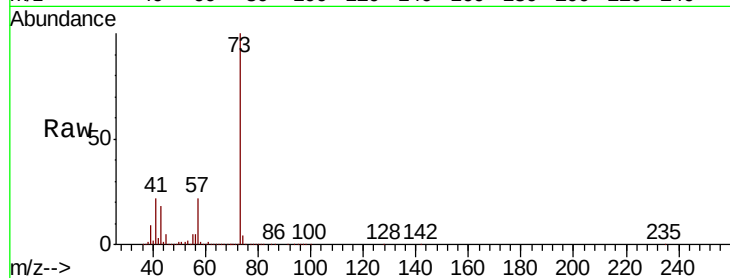
#19
Methyl tert-butyl Ether
Concen: 49.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.0	27.0

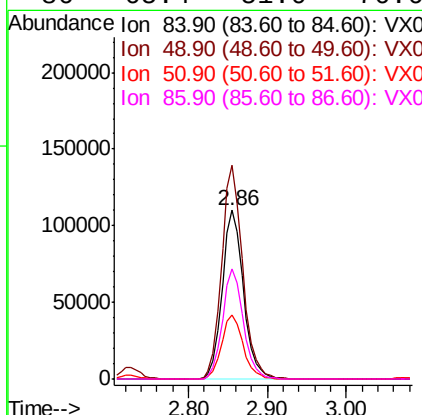
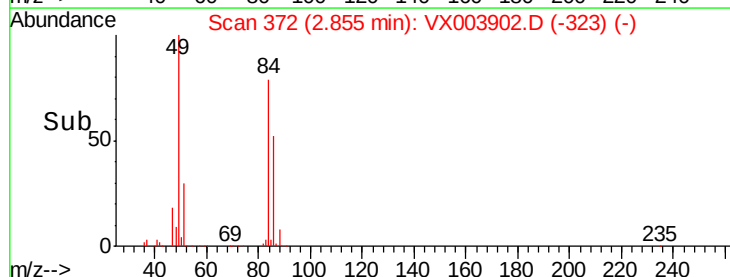
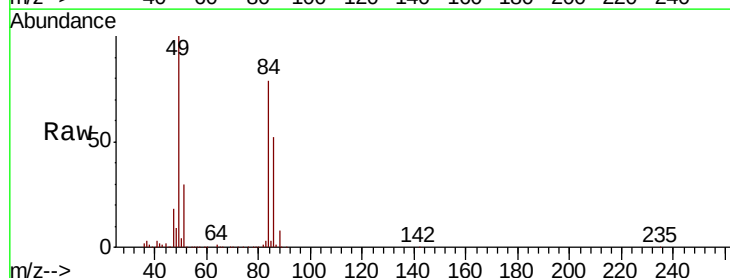
Manual Integrations
APPROVED

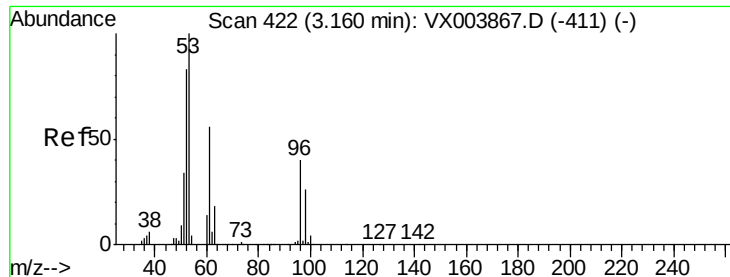
MMDadoda
8/8/2018 12:06:07 PM



#20
Methylene Chloride
Concen: 50.37 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	98.9	148.3
51	38.0	29.9	44.9
86	65.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 47.64 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

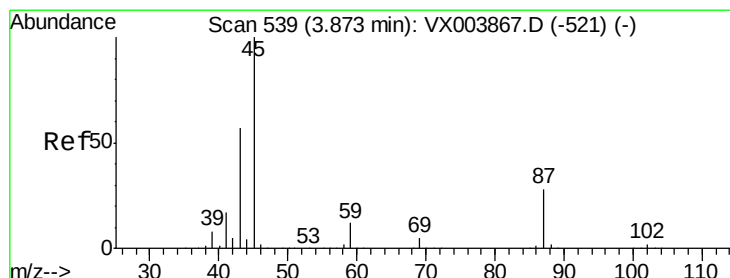
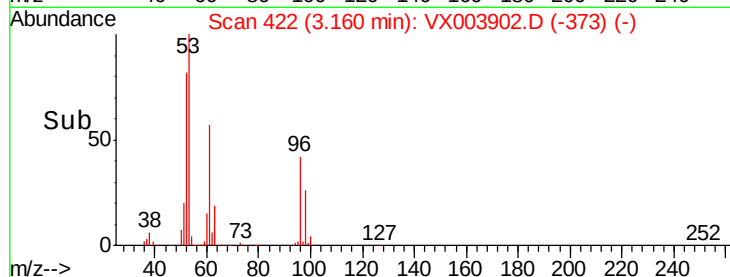
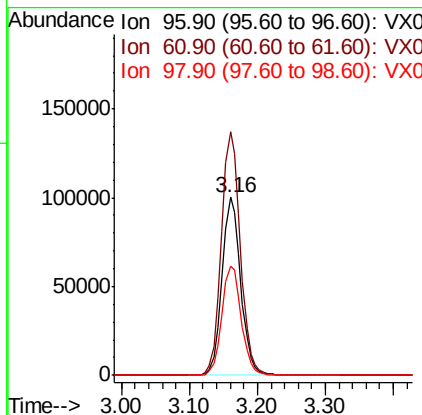
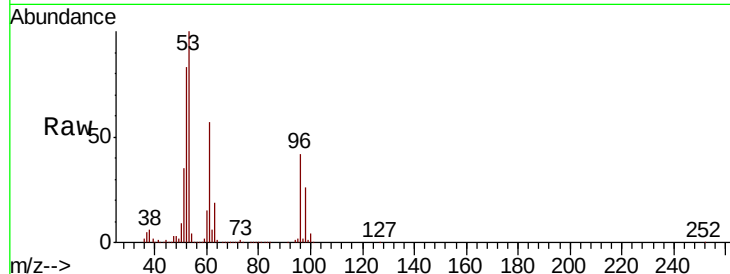
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	190524
Ion	Ratio	Lower	Upper
96	100		
61	136.8	111.8	167.6
98	61.5	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.37 ug/l

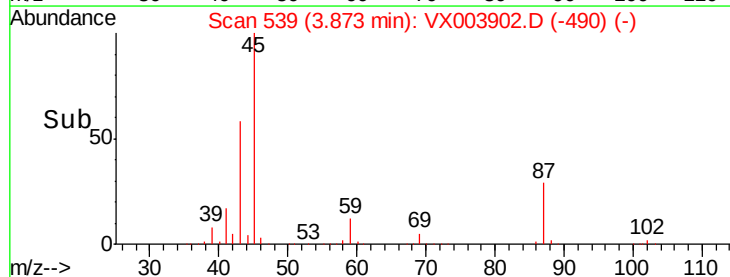
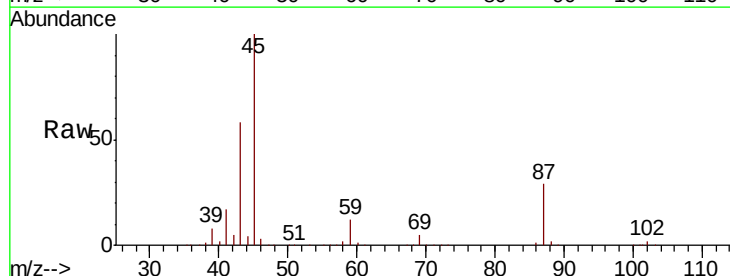
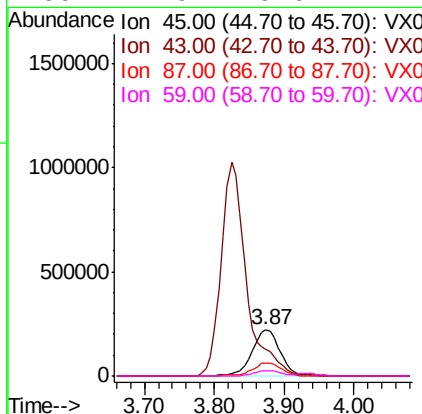
RT: 3.87 min Scan# 539

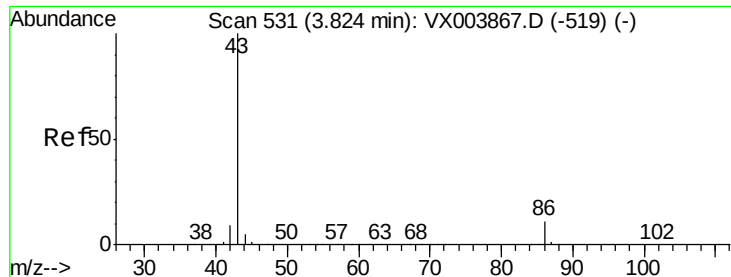
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion:	45	Resp:	616307
Ion	Ratio	Lower	Upper
45	100		
43	58.0	45.3	67.9
87	28.9	22.7	34.1
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 249.23 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2588721

Ion Ratio Lower Upper

43 100

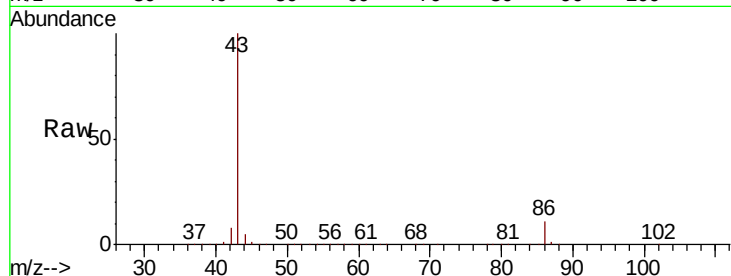
86 11.4 8.9 13.3

Manual Integrations

APPROVED

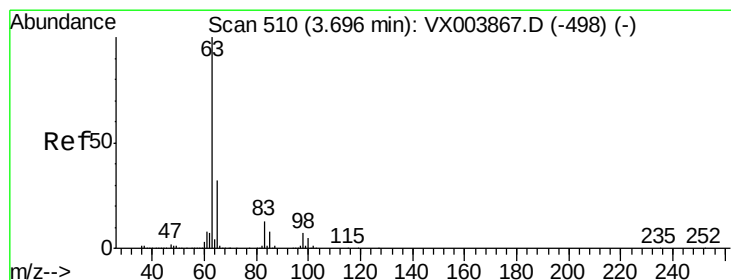
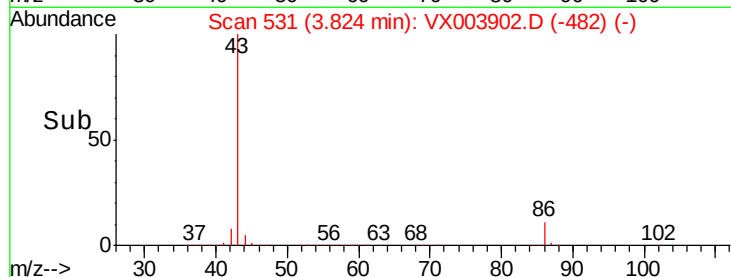
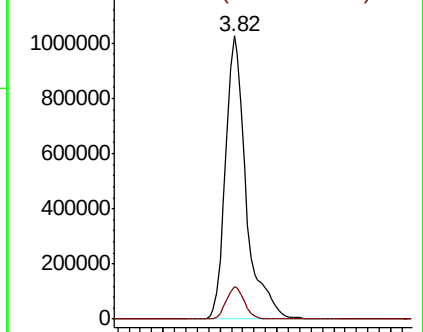
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

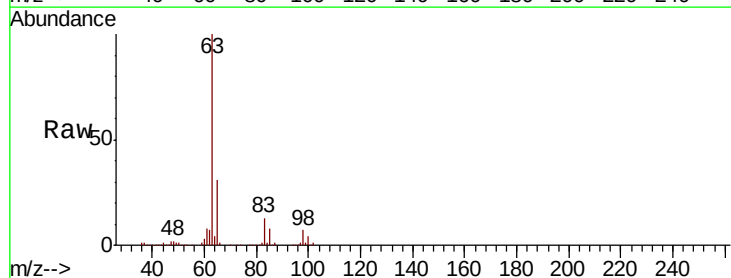
Tgt Ion: 63 Resp: 371760

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

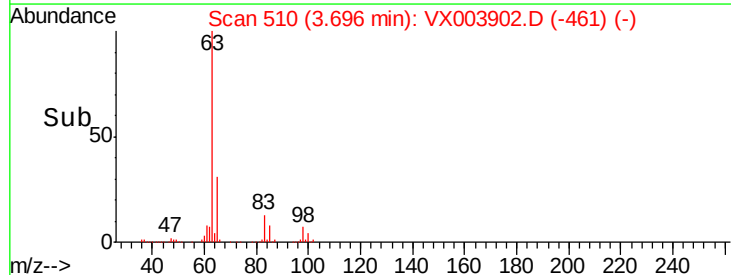
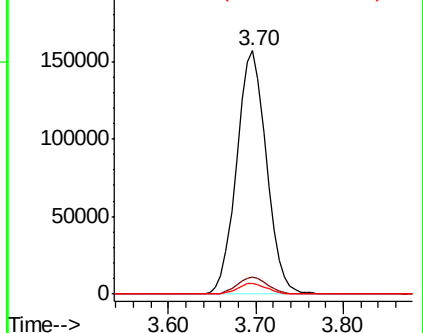
100 4.3 2.3 6.8

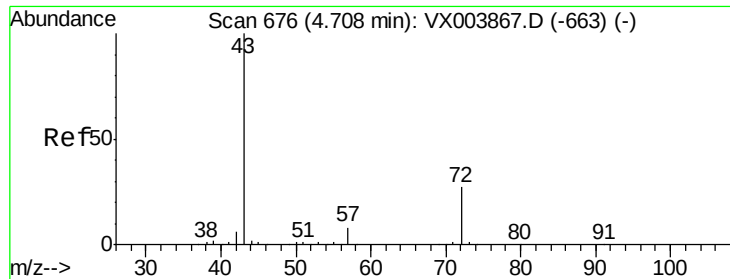


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.61 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 955895

Ion Ratio Lower Upper

43 100

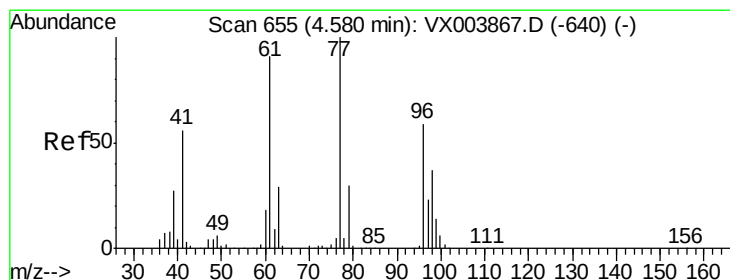
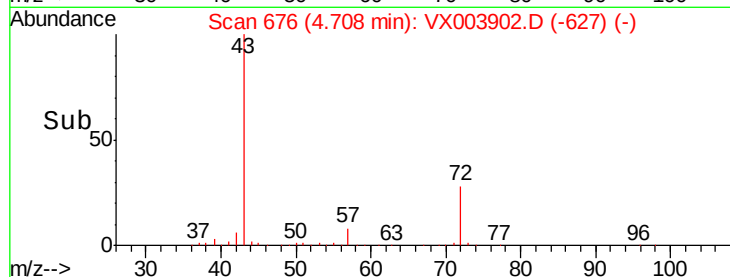
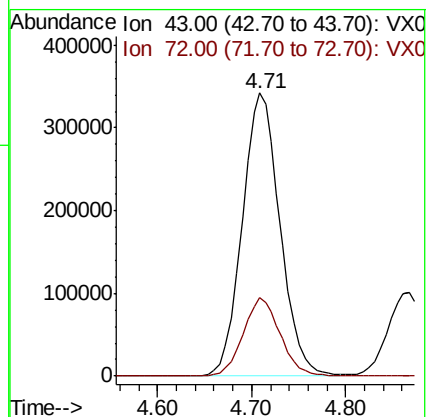
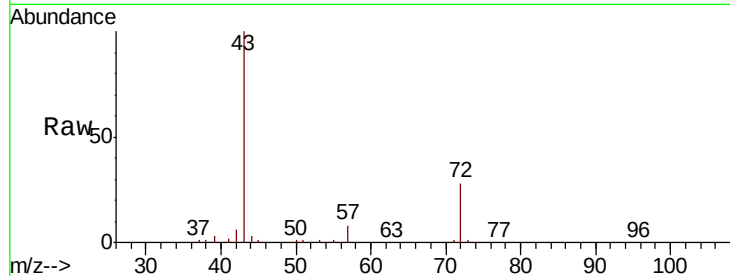
72 27.5 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.76 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003902.D

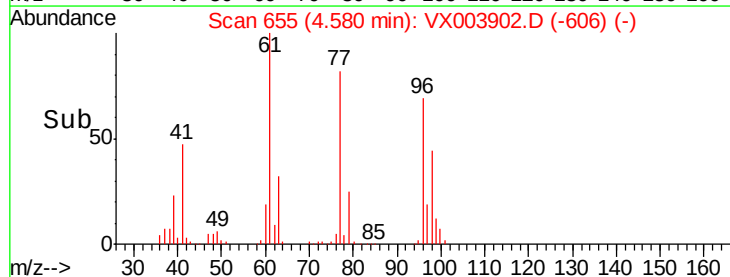
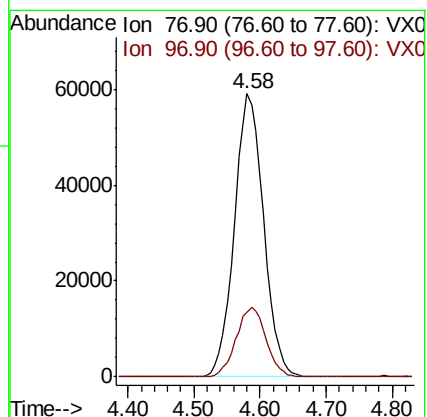
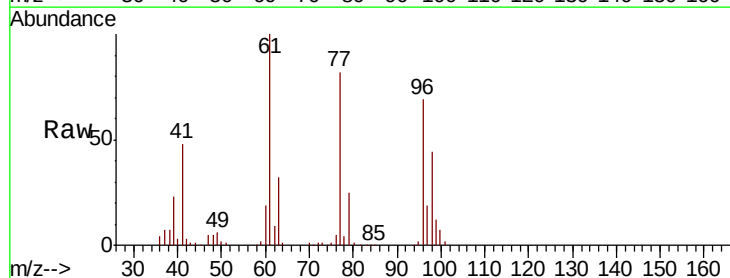
Acq: 08 Aug 2018 01:51

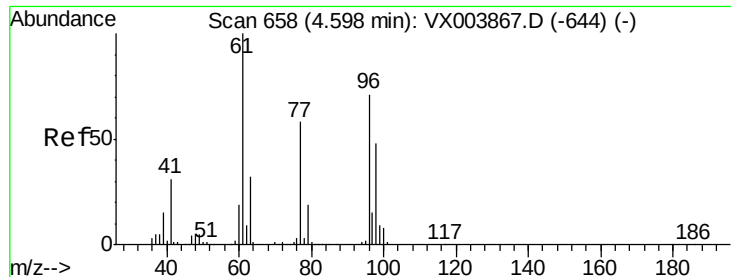
Tgt Ion: 77 Resp: 180552

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

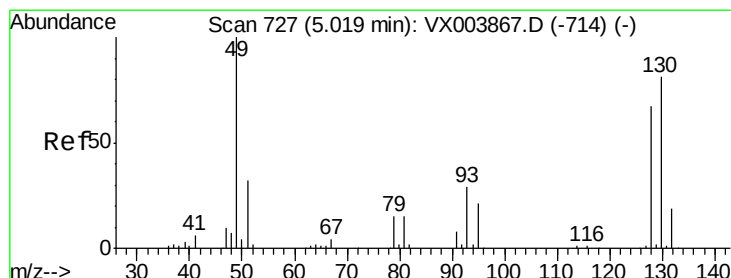
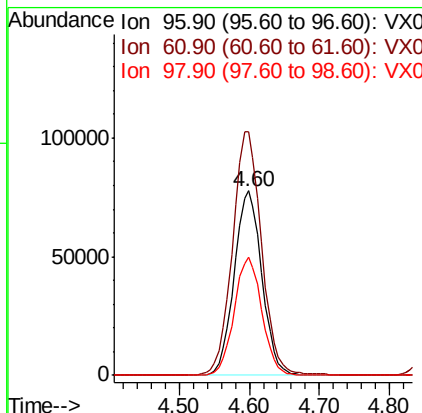
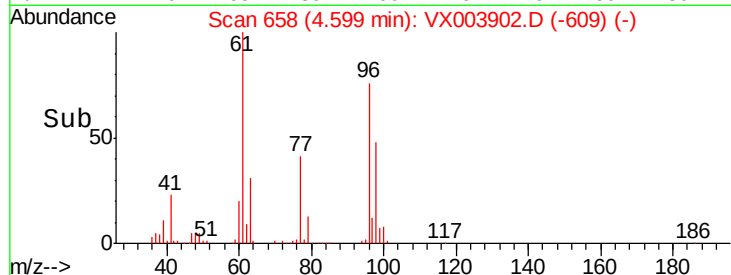
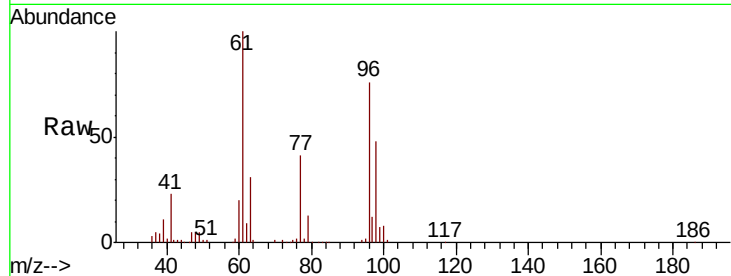
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	213009
Ion Ratio	Lower	Upper	
96	100		
61	139.6	0.0	293.0
98	64.1	0.0	131.8

Manual Integrations
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#28

Bromochloromethane

Concen: 50.46 ug/l

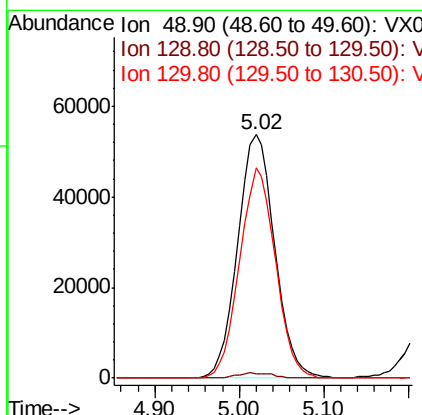
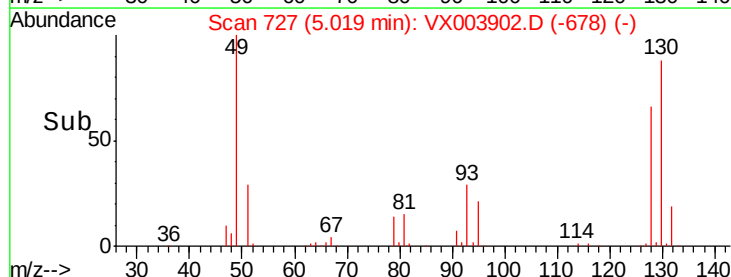
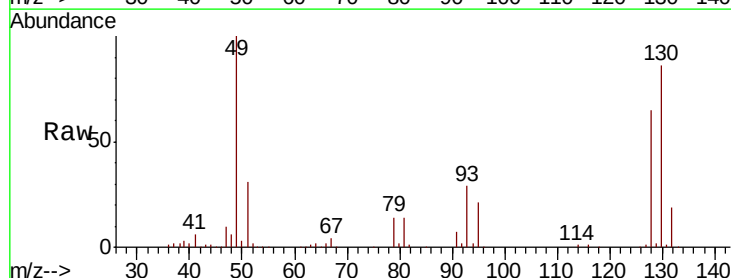
RT: 5.02 min Scan# 727

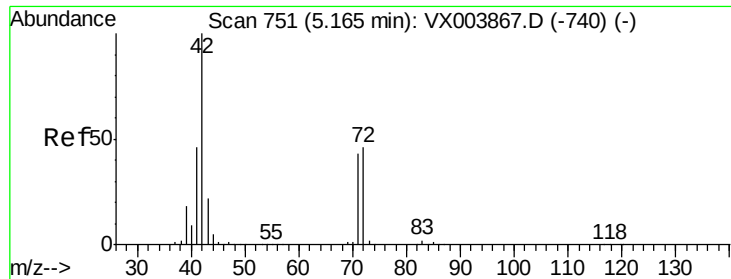
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion:	49	Resp:	160121
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.2
130	83.3	66.5	99.7





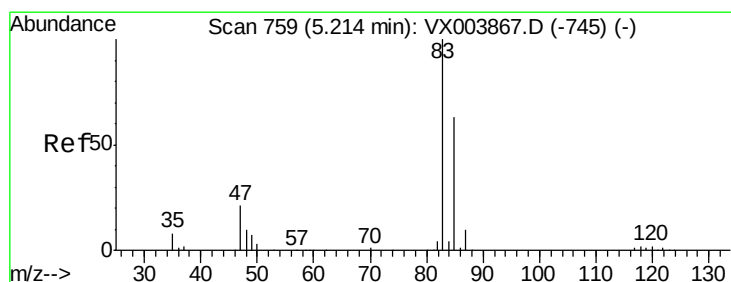
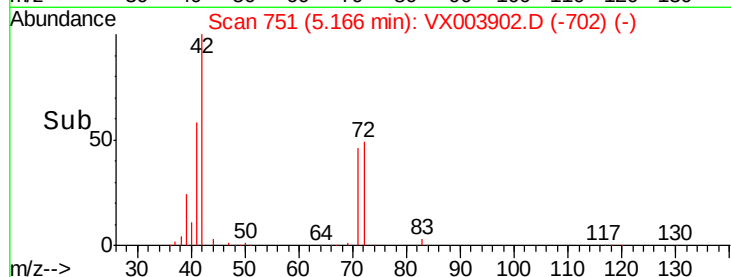
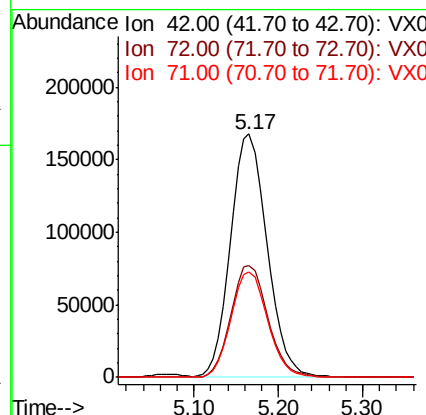
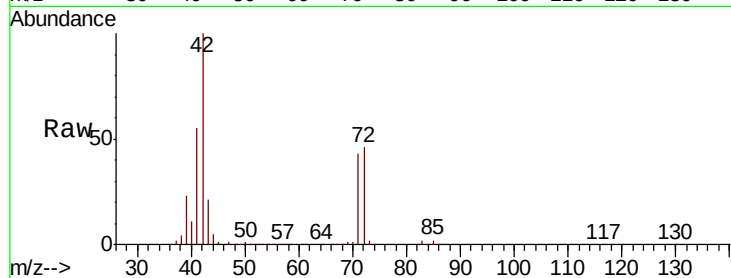
#29
Tetrahydrofuran
Concen: 246.00 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.7	56.5
71	43.5	35.0	52.6

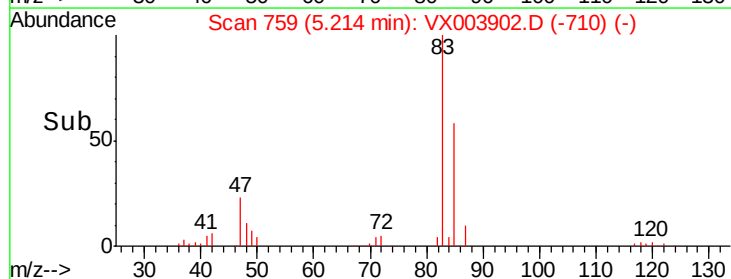
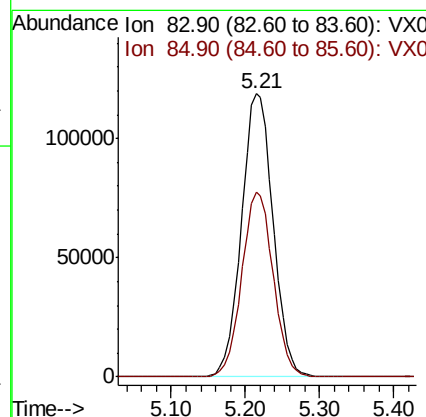
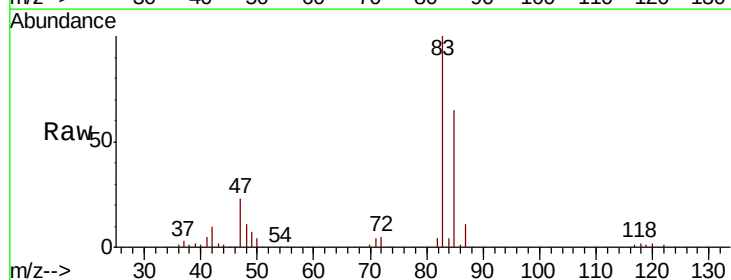
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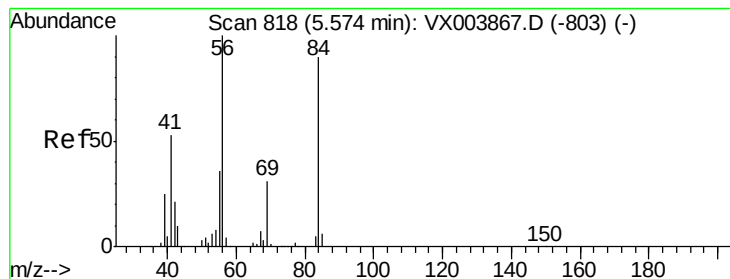
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#30
Chloroform
Concen: 50.66 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





#31

Cyclohexane

Concen: 50.07 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

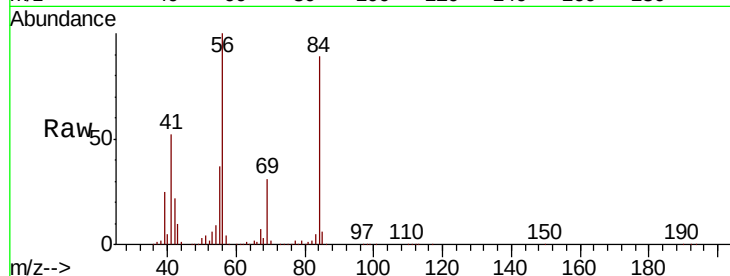
ClientSampleId :

VSTDCCC050

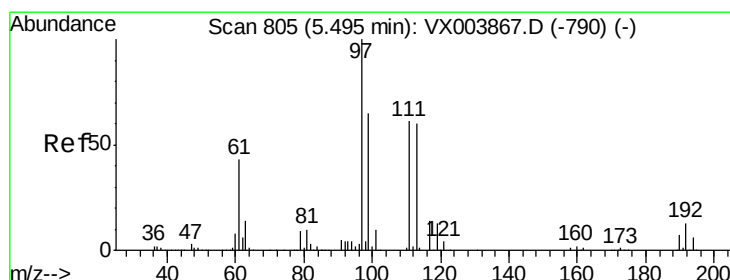
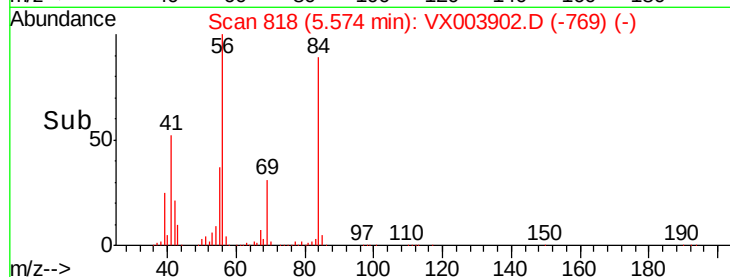
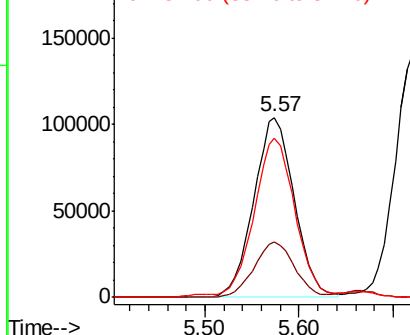
Tot Ion:	56	Resp:	313983
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.9	37.3
84	87.5	71.7	107.5

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.13 ug/l

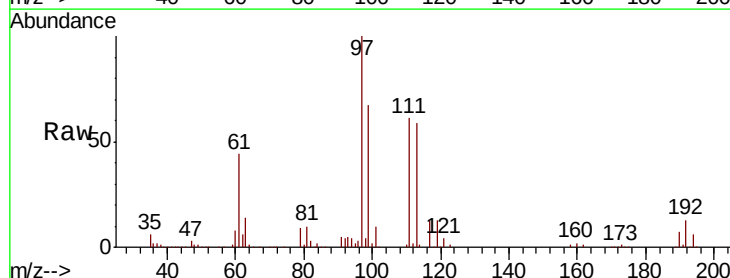
RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

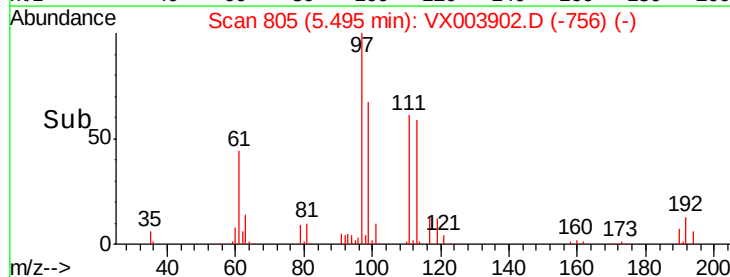
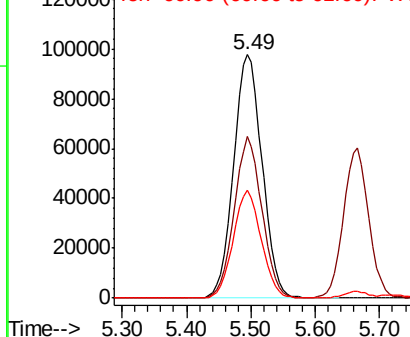
Lab File: VX003902.D

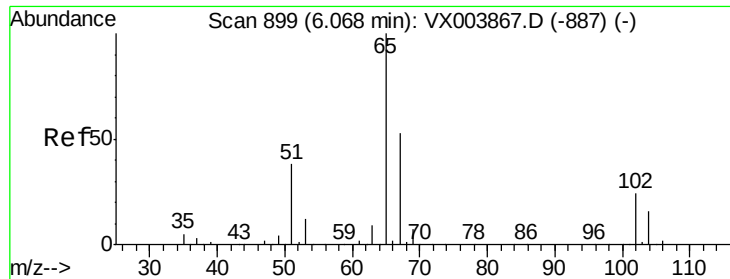
Acq: 08 Aug 2018 01:51

Tgt Ion:	97	Resp:	299339
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	43.8	34.4	51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





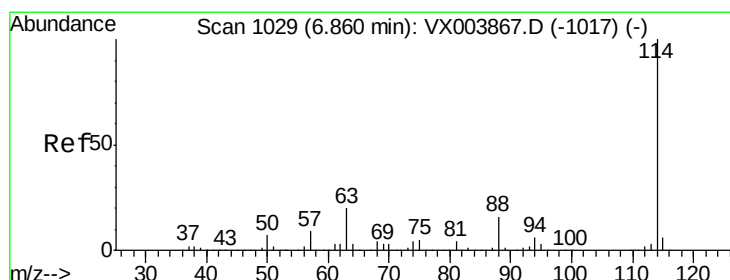
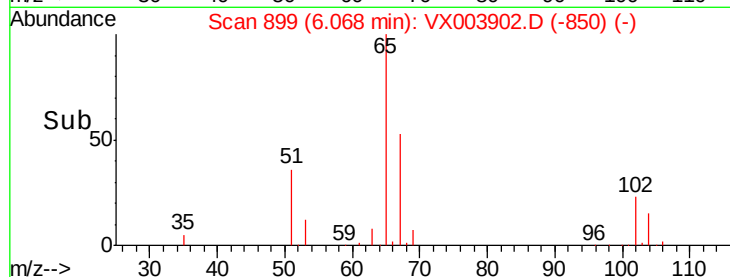
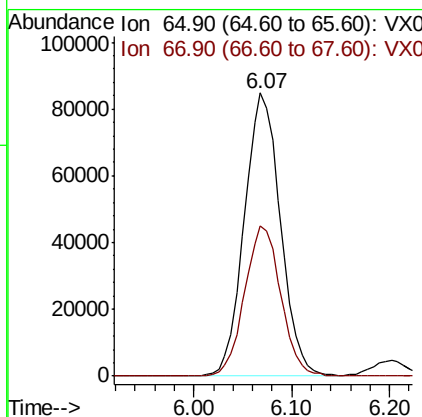
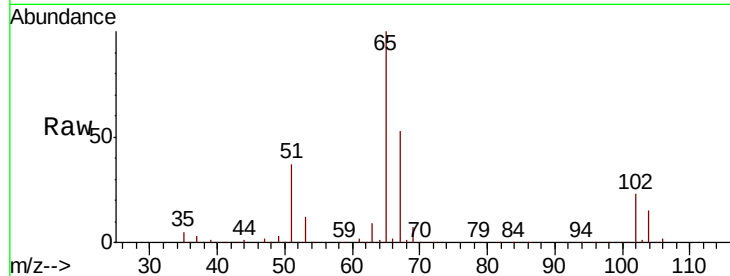
#33
 1,2-Dichloroethane-d4
 Concen: 50.09 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8

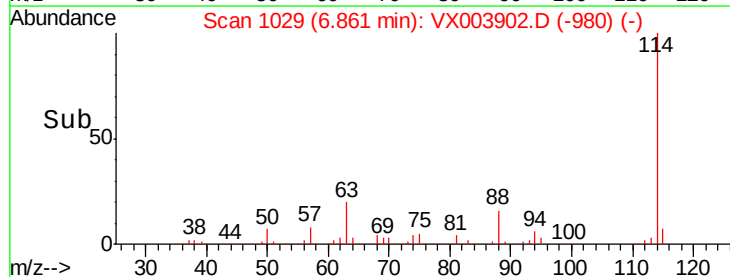
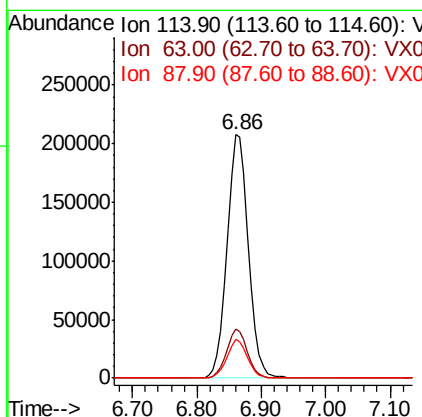
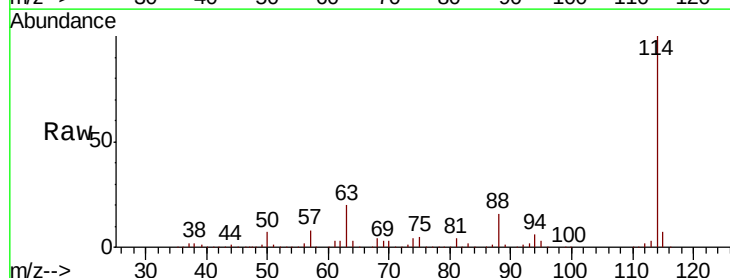
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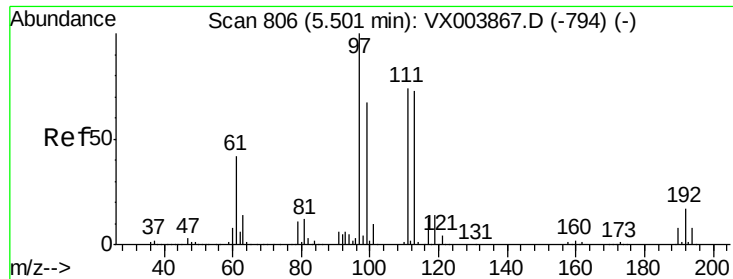
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.7	0.0	32.0





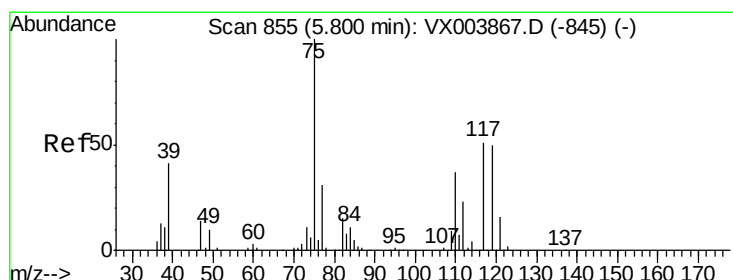
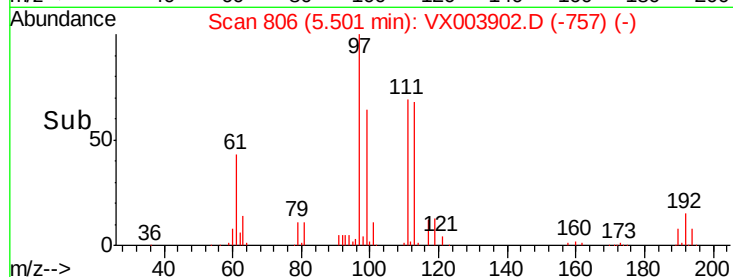
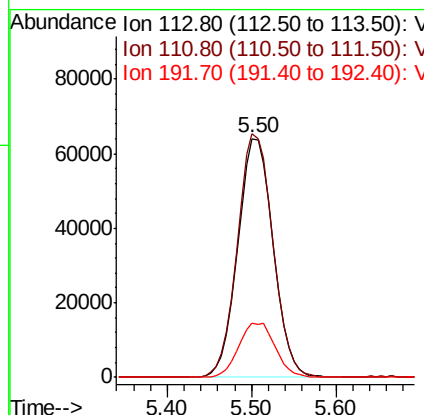
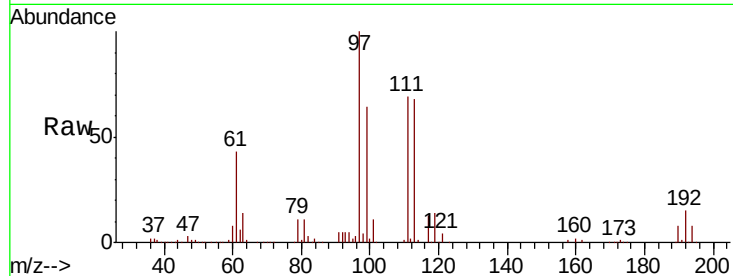
#35
 Dibromofluoromethane
 Concen: 49.55 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	181986		
111	102.4	82.0	123.0	
192	23.6	19.0	28.4	

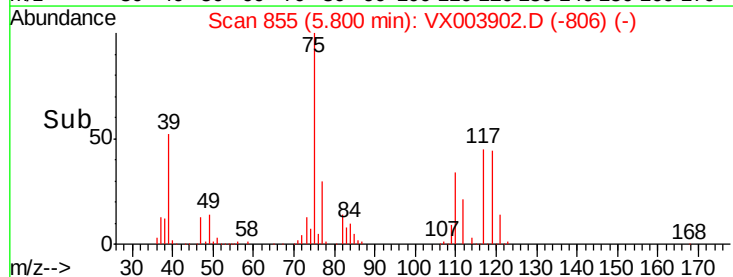
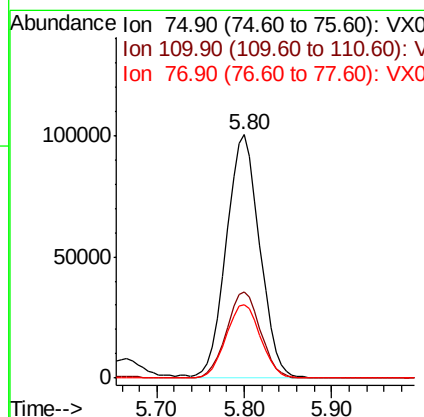
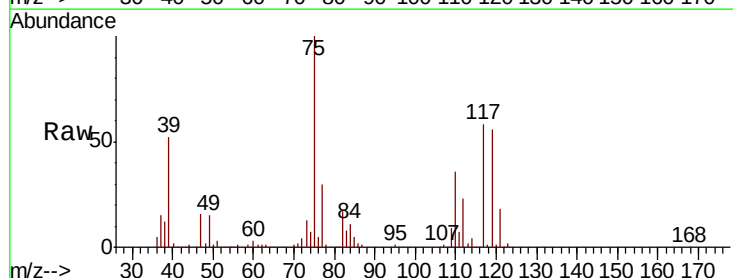
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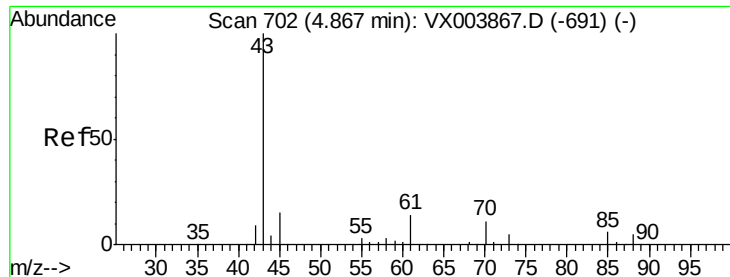
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#36
 1,1-Dichloropropene
 Concen: 48.96 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	265852		
110	36.2	18.2	54.6	
77	31.5	25.0	37.4	





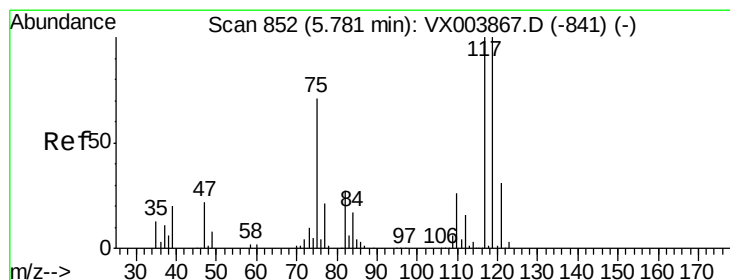
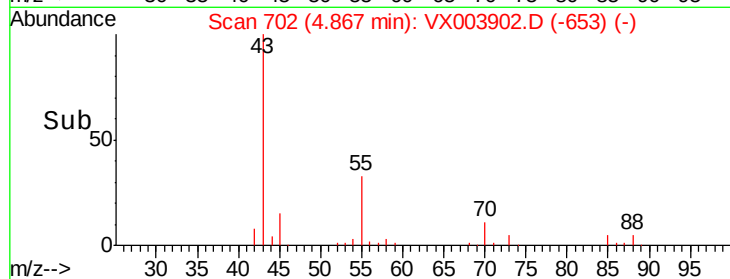
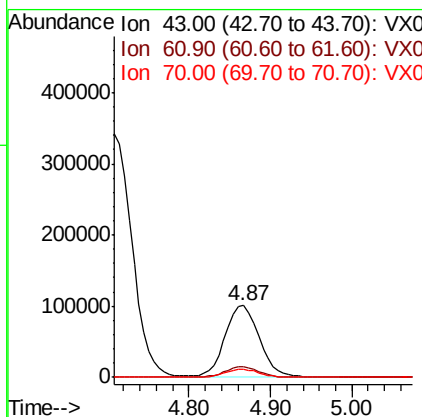
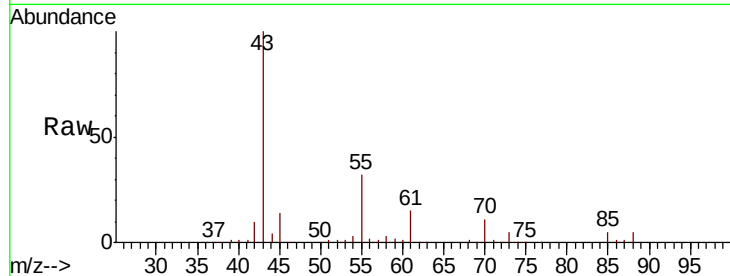
#37
Ethyl Acetate
Concen: 49.18 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	293775
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.2	9.0	13.4

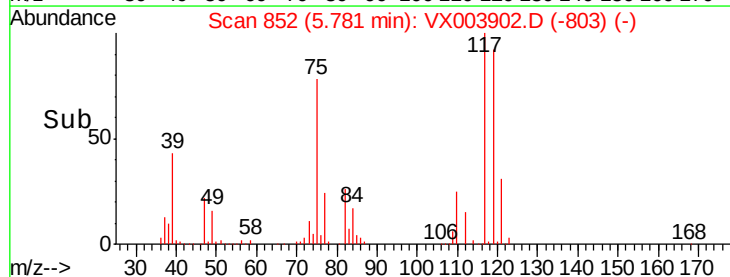
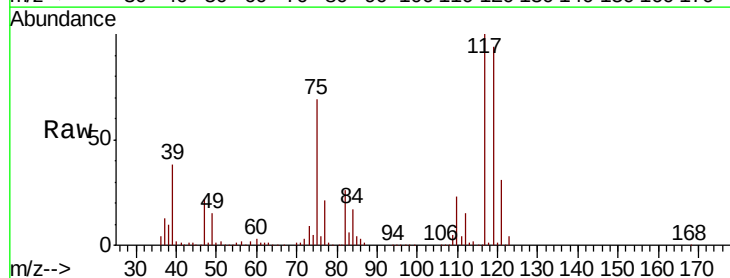
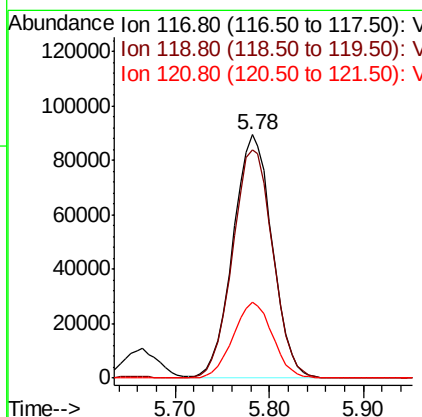
Manual Integrations
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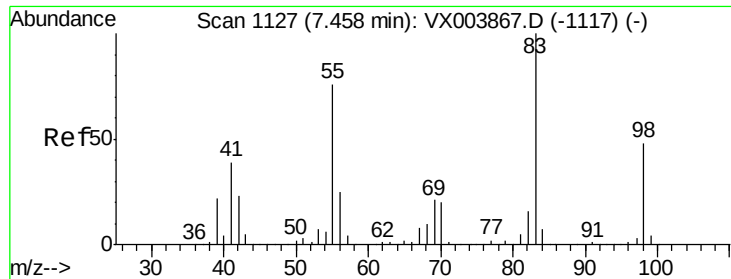
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#38
Carbon Tetrachloride
Concen: 50.14 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion:	117	Resp:	259134
Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.5	119.3
121	31.1	25.0	37.4





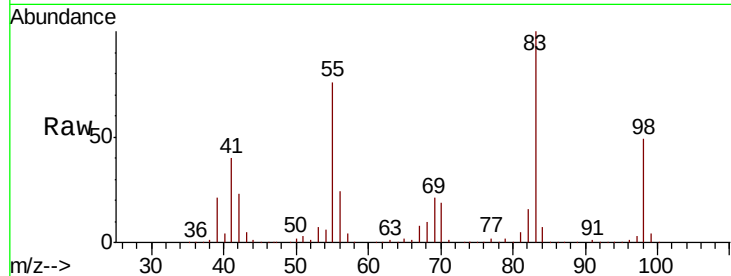
#39
Methylvlcyclohexane
Concen: 49.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

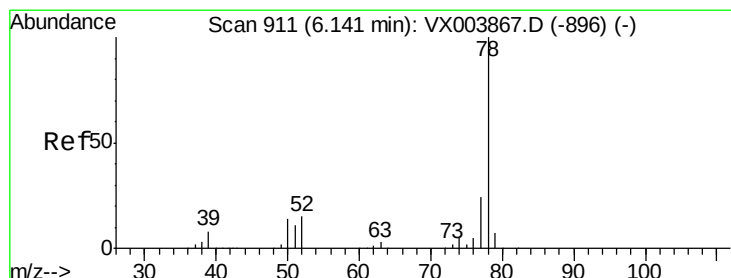
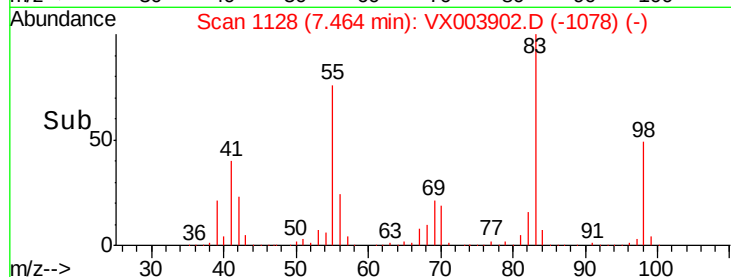
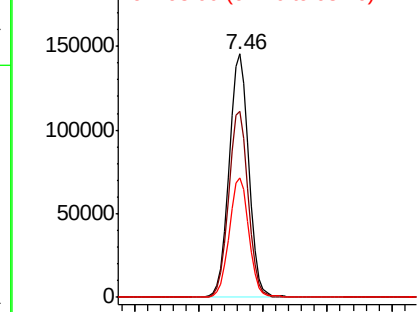
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.3	61.0	91.6	
98	49.1	38.6	57.8	

Manual Integrations
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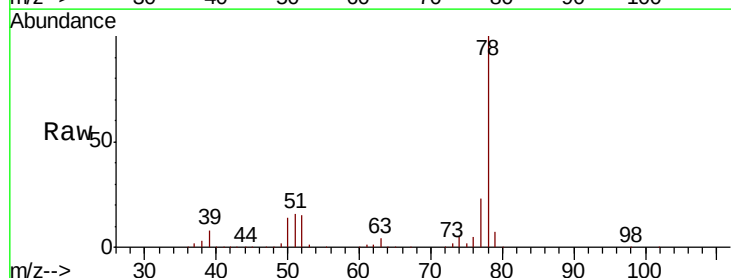


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

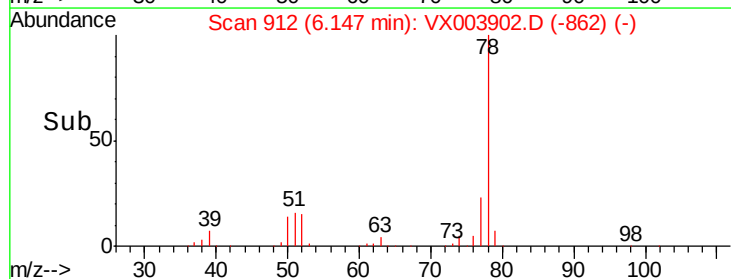
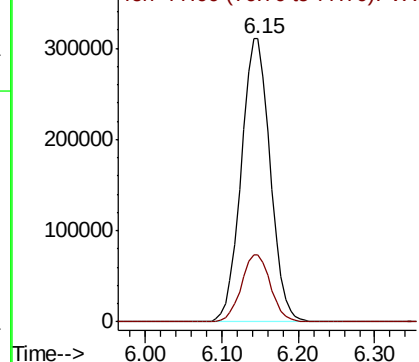


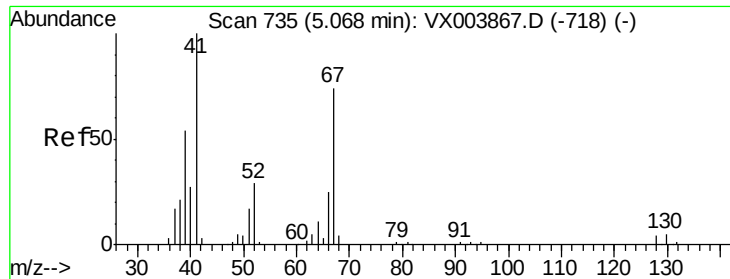
#40
Benzene
Concen: 49.94 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.4	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 49.45 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

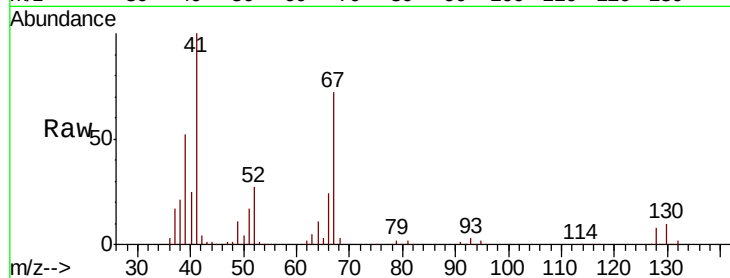
ClientSampled :

VSTDCCC050

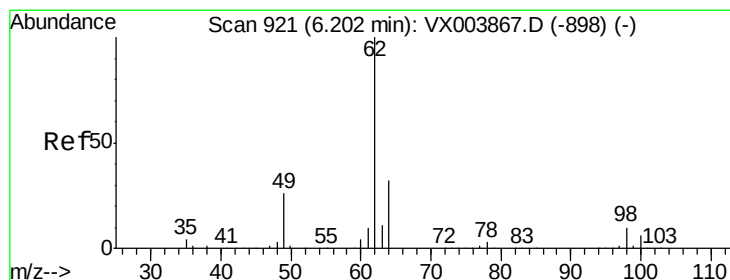
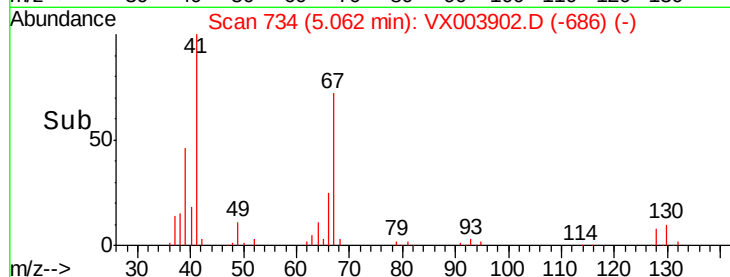
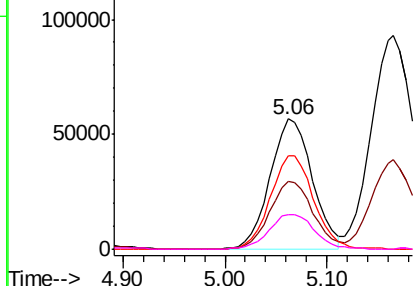
Tot Ion:	41	Resp:	162666
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.7	64.1
67	74.2	58.9	88.3
52	28.8	22.6	33.8

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.38 ug/l

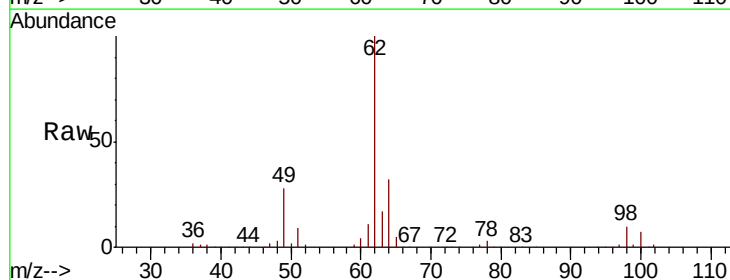
RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

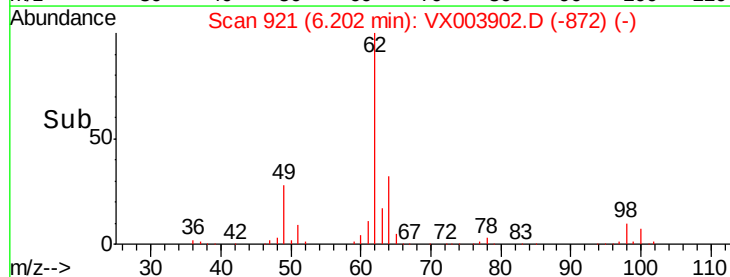
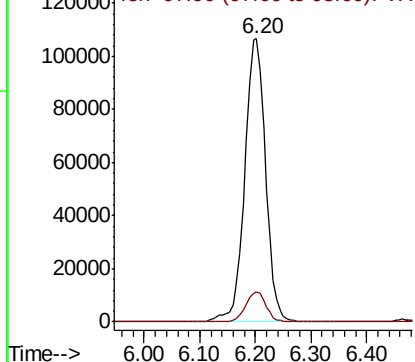
Lab File: VX003902.D

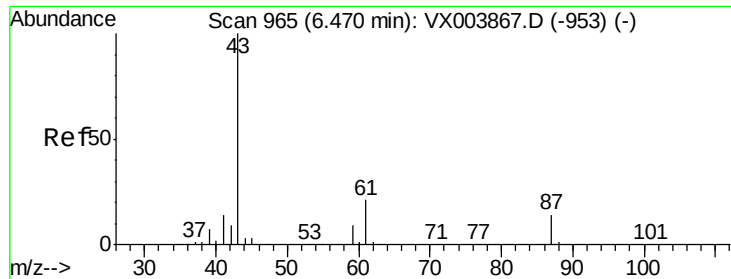
Acq: 08 Aug 2018 01:51

Tgt Ion:	62	Resp:	277797
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





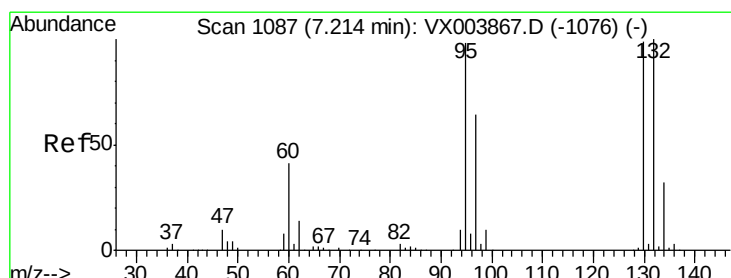
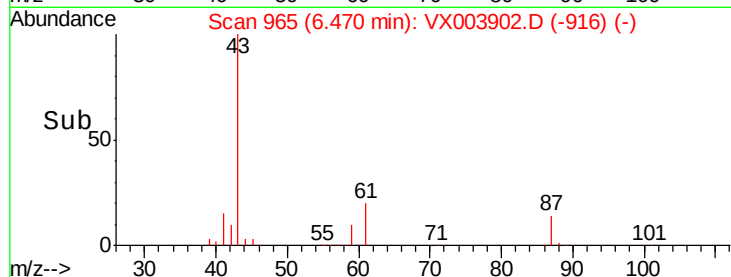
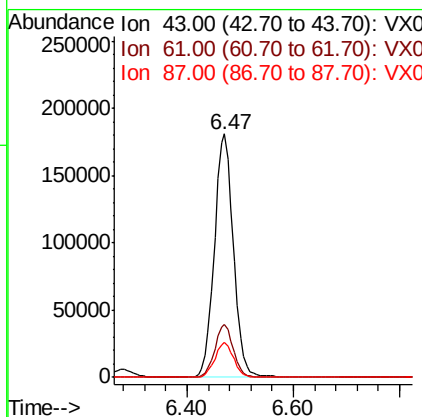
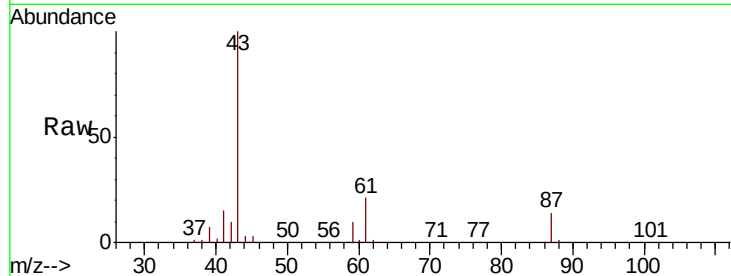
#43
Isopropyl Acetate
Concen: 49.98 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	449290
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	14.2	11.3	16.9

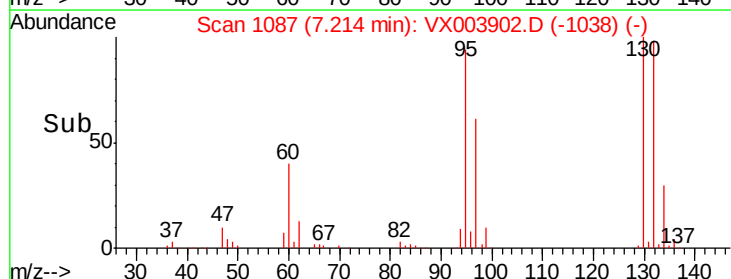
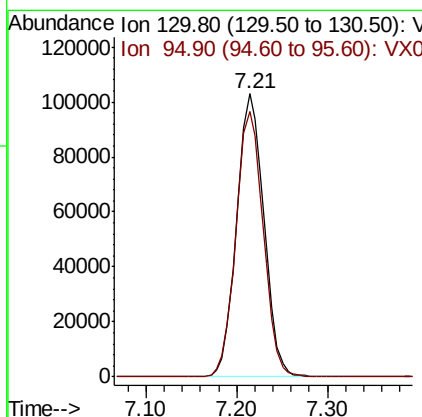
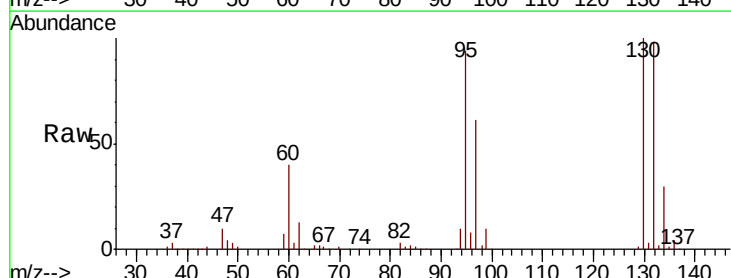
Manual Integrations
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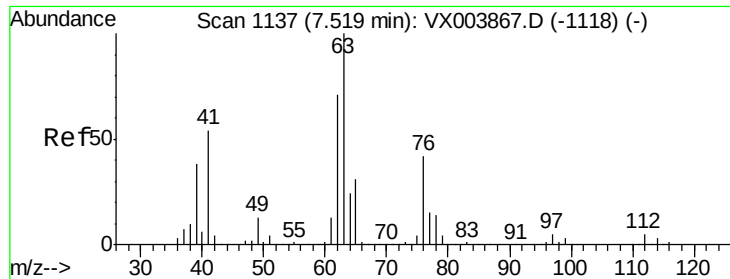
MMDadoda
8/8/2018 12:06:07 PM



#44
Trichloroethene
Concen: 48.21 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	130	Resp	214999
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	199.4





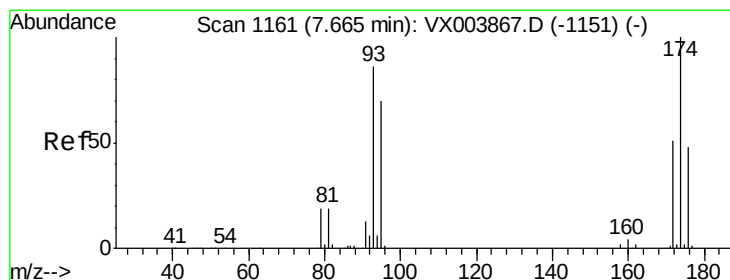
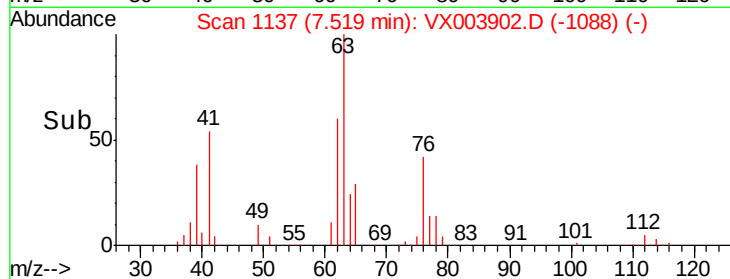
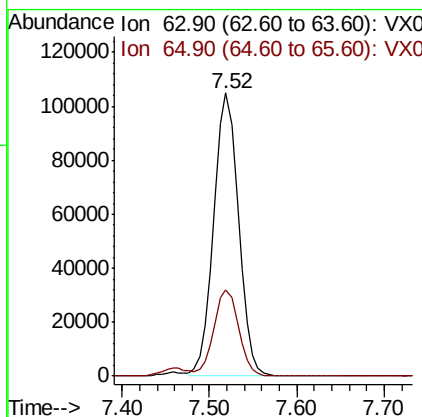
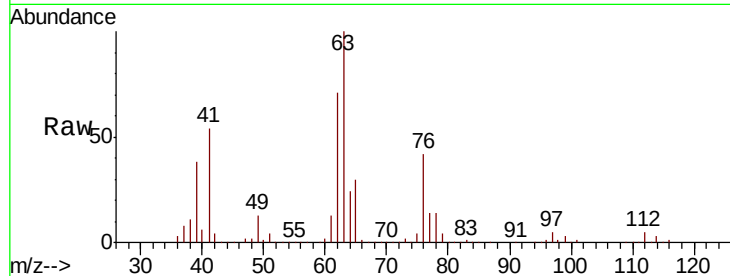
#45
 1,2-Dichloropropane
 Concen: 49.31 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 207614
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8

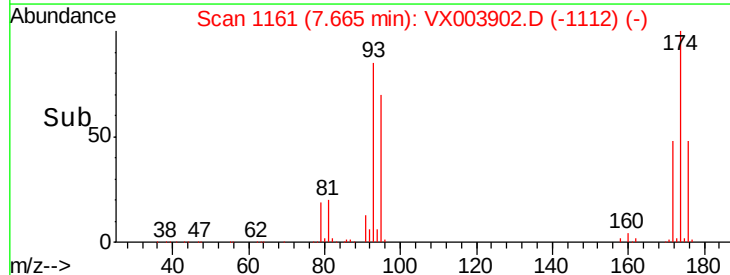
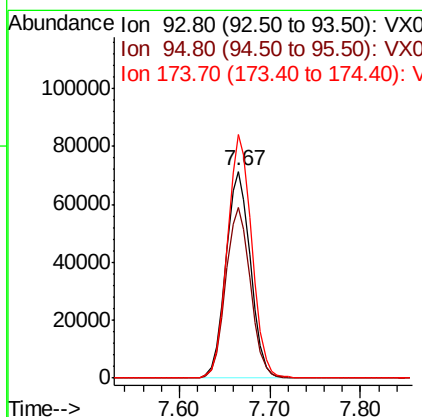
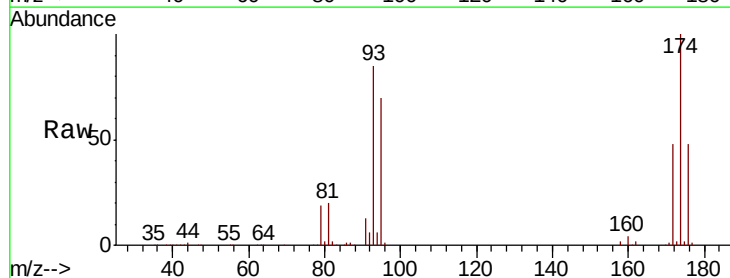
Manual Integrations
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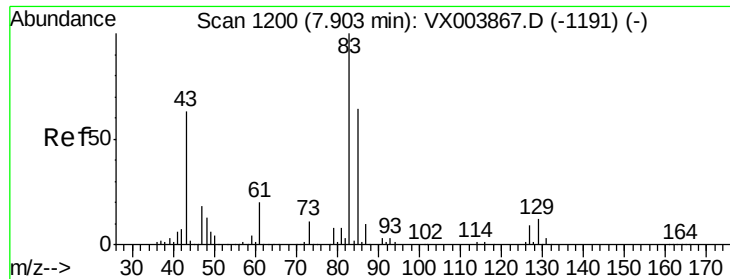
MMDadoda
 8/8/2018 12:06:07 PM



#46
 Dibromomethane
 Concen: 49.14 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion: 93 Resp: 134338
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 117.0 94.3 141.5





#47

Bromodichloromethane

Concen: 50.76 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

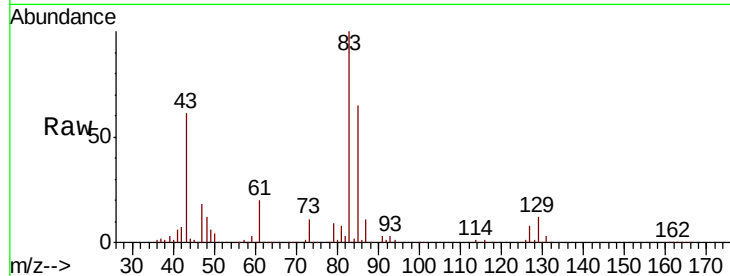
ClientSampleId :

VSTDCCC050

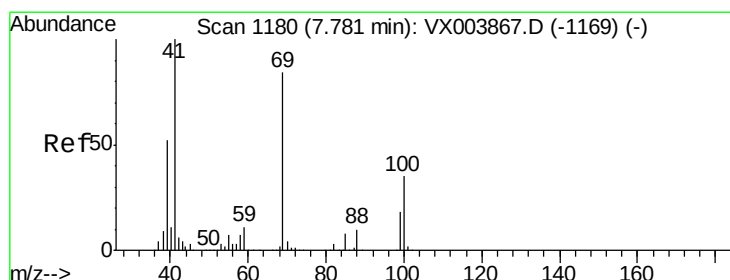
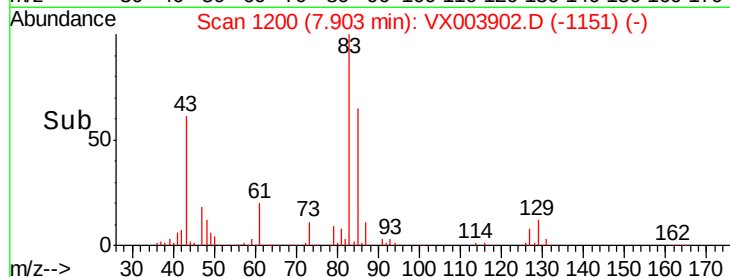
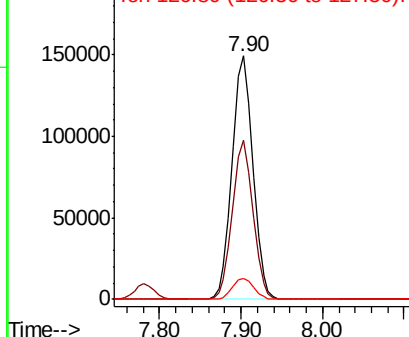
Tot Ion:	83	Resp:	261432
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	8.4	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.72 ug/l

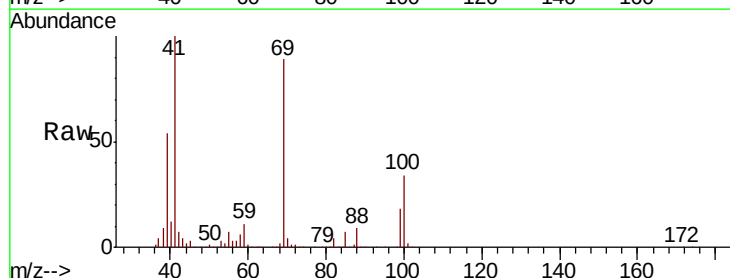
RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

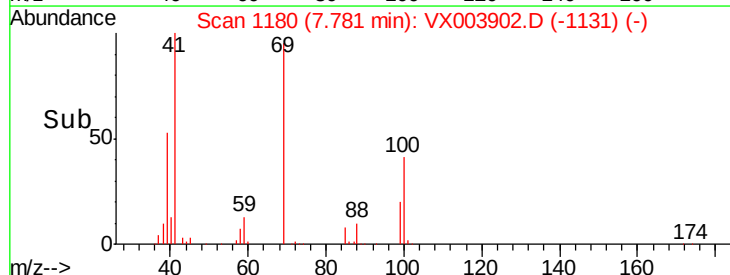
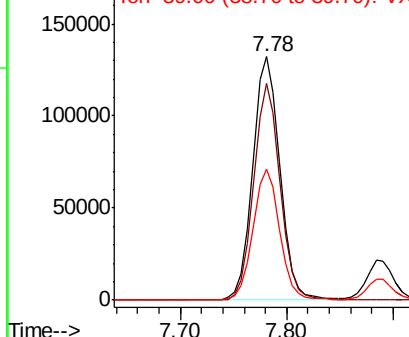
Lab File: VX003902.D

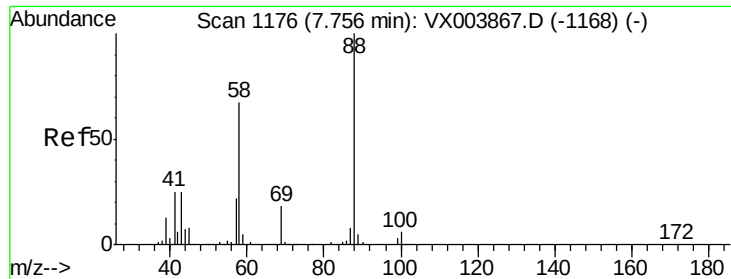
Acq: 08 Aug 2018 01:51

Tgt Ion:	41	Resp:	236347
Ion	Ratio	Lower	Upper
41	100		
69	87.1	68.8	103.2
39	53.1	42.3	63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





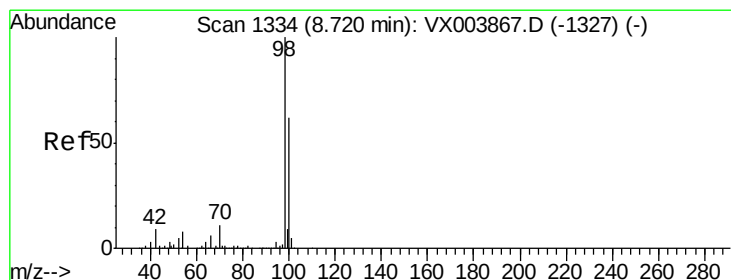
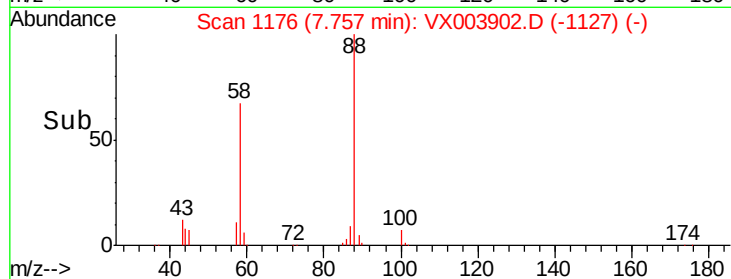
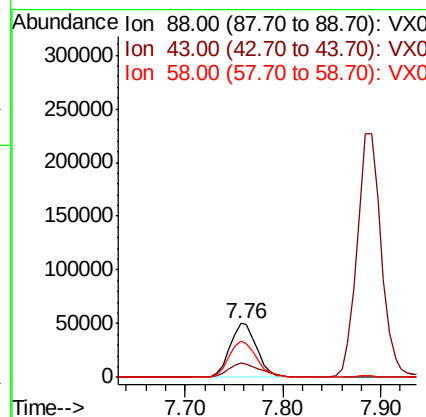
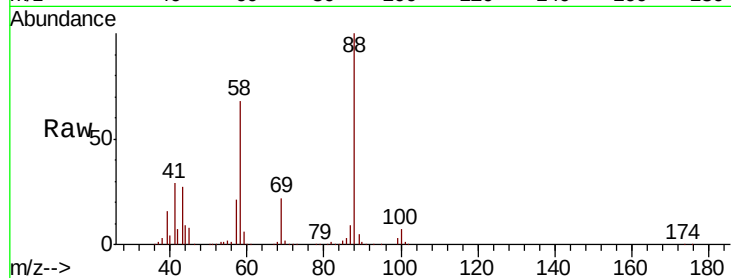
#49
1,4-Dioxane
Concen: 893.39 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	23.8	35.8
58	69.1	55.4	83.0

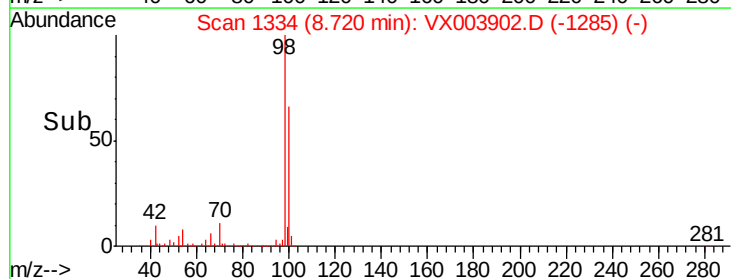
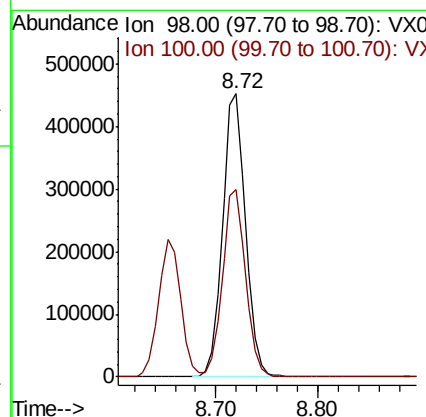
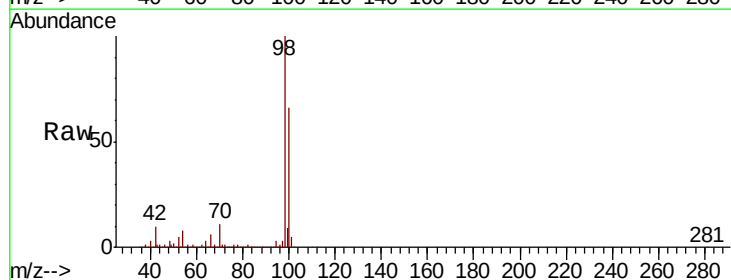
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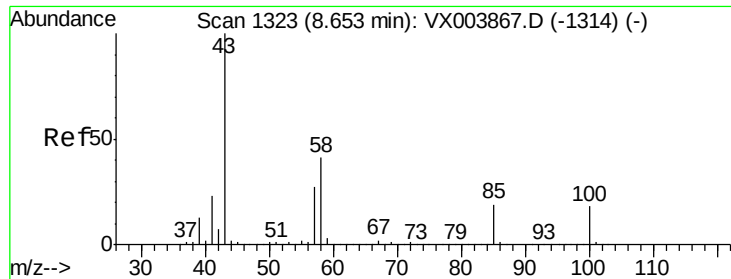
MMDadoda
8/8/2018 12:06:07 PM



#50
Toluene-d8
Concen: 49.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9





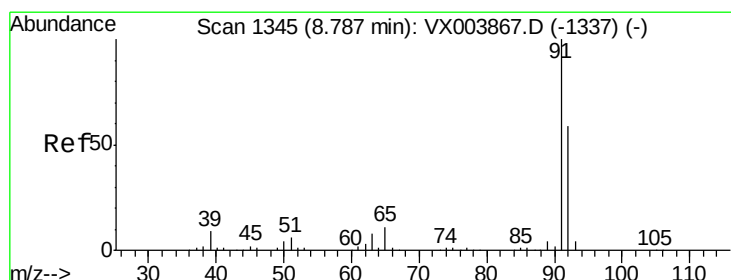
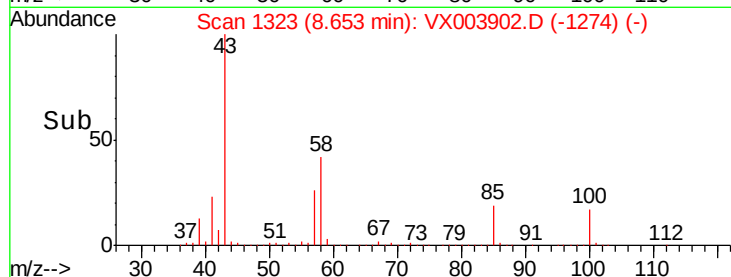
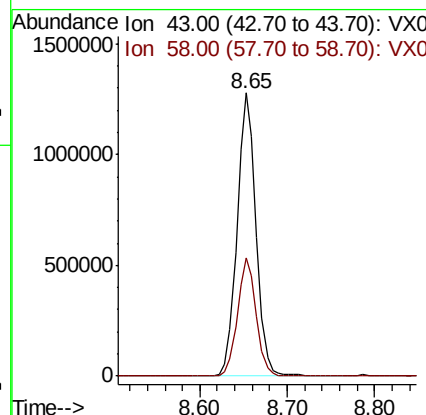
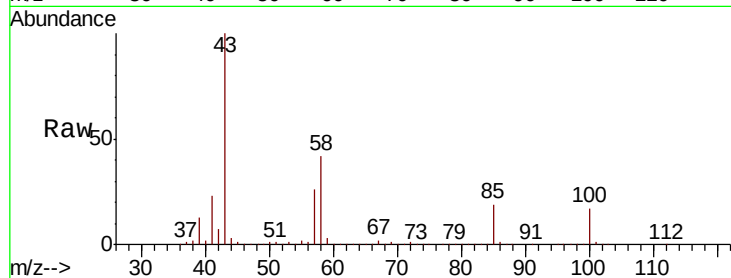
#51
4-Methyl-2-Pentanone
Concen: 258.86 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1928777
Ion Ratio Lower Upper
43 100
58 41.1 33.0 49.6

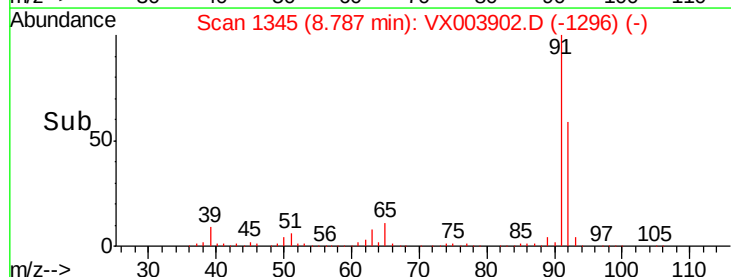
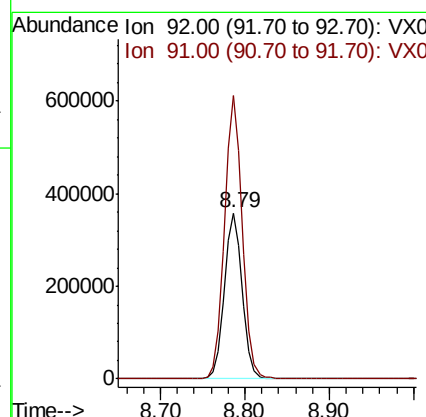
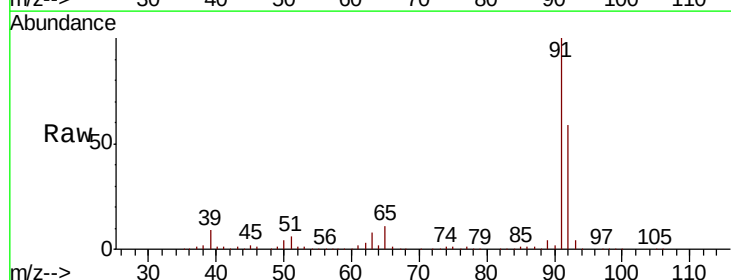
Manual Integrations
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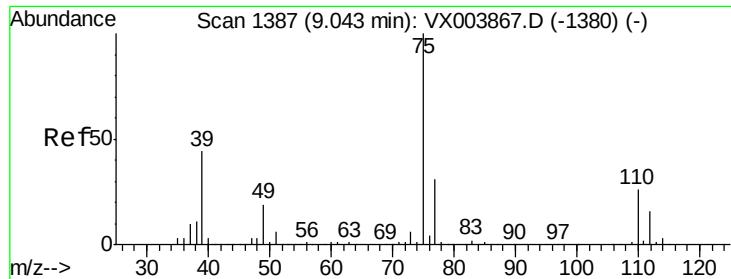
MMDadoda
8/8/2018 12:06:07 PM



#52
Toluene
Concen: 51.08 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion: 92 Resp: 526280
Ion Ratio Lower Upper
92 100
91 169.5 136.1 204.1





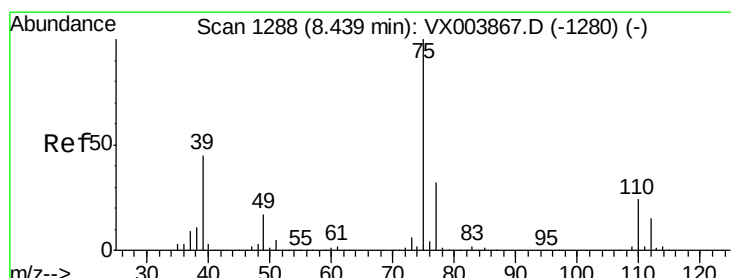
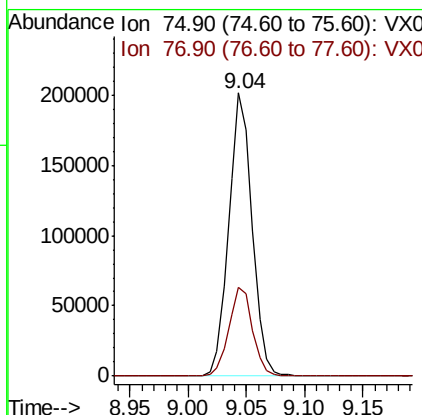
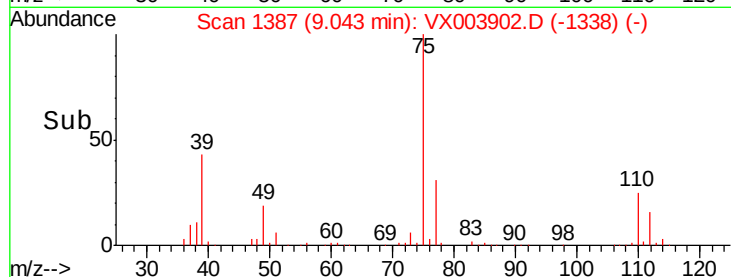
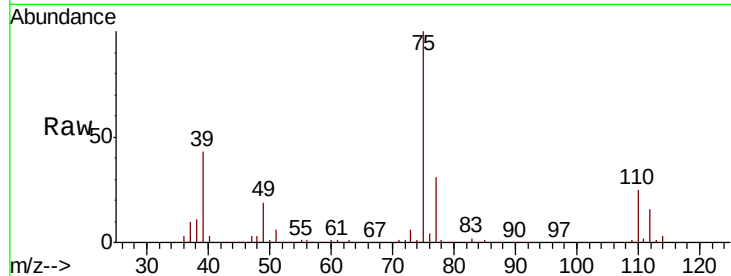
#53
 t-1,3-Dichloropropene
 Concen: 48.21 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

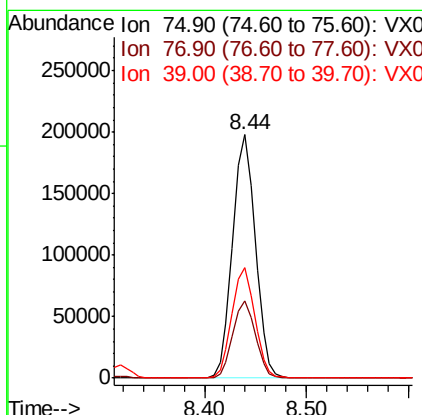
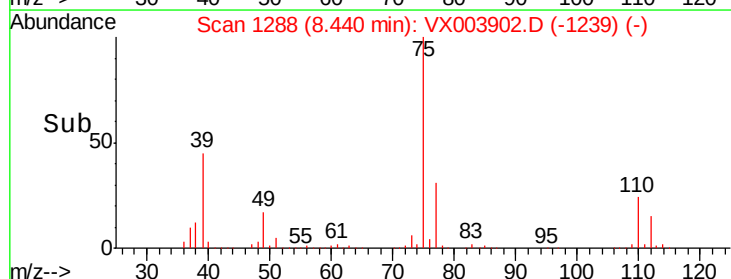
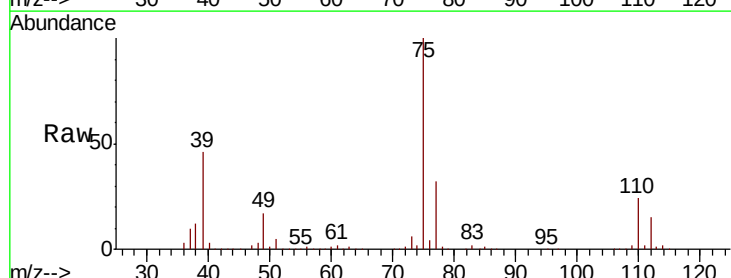
Manual Integrations
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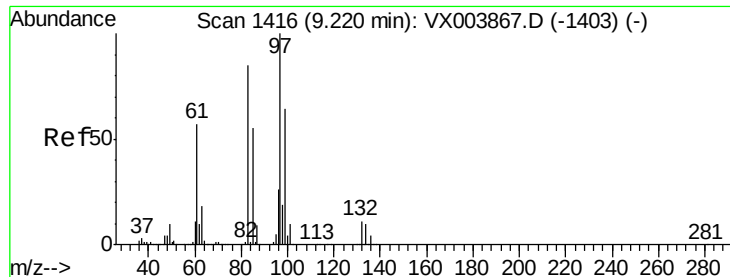
MMDadoda
 8/8/2018 12:06:07 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.71 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	45.4	36.2	54.2





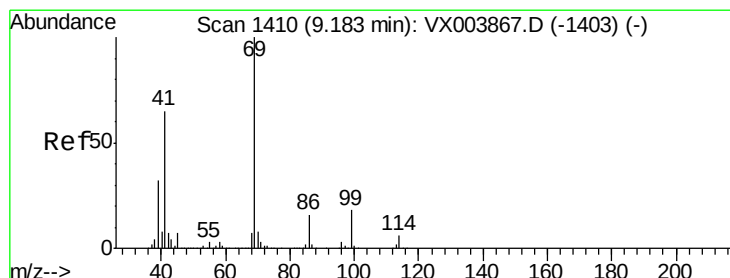
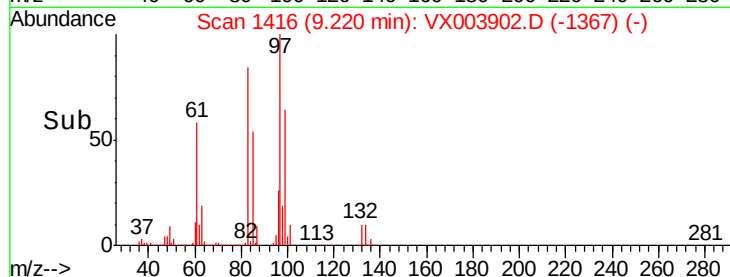
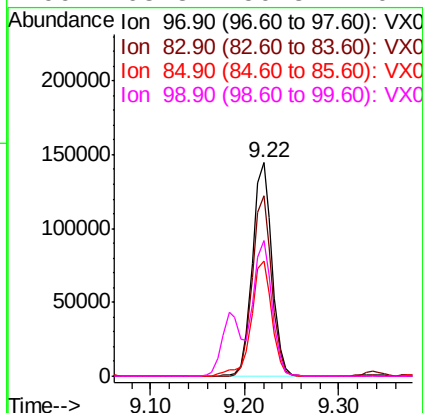
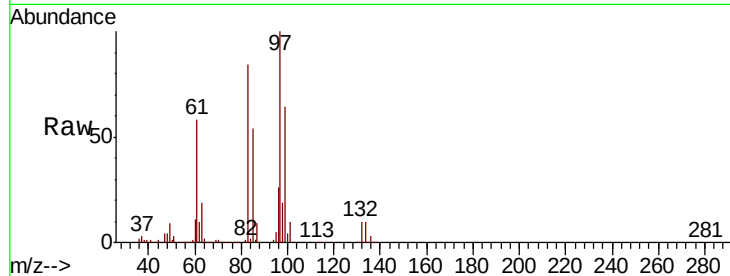
#55
 1,1,2-Trichloroethane
 Concen: 50.23 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	211488
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.8	101.6
85	54.2	44.2	66.2
99	63.8	50.8	76.2

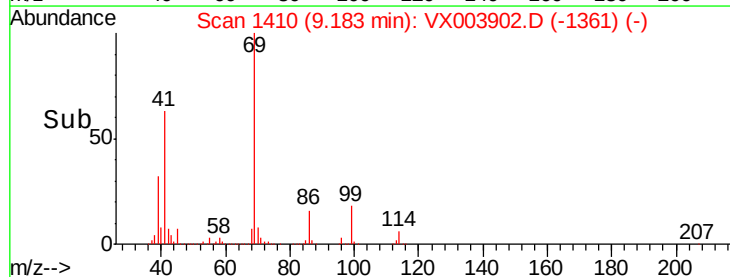
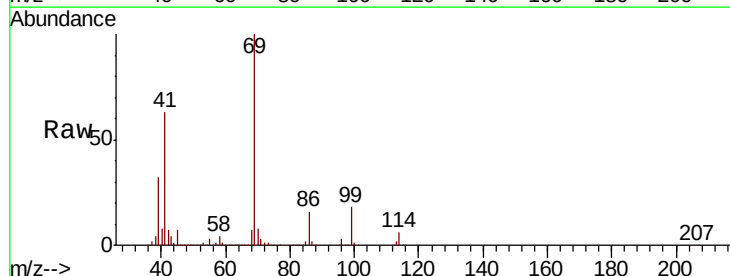
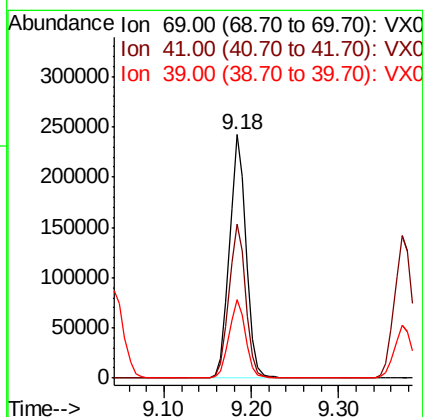
Manual Integrations
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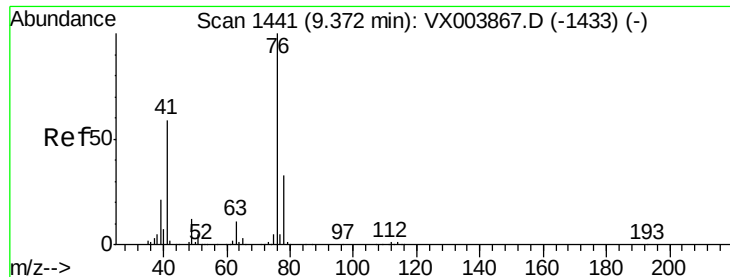
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#56
 Ethyl methacrylate
 Concen: 52.70 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion:	69	Resp:	321916
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.6	76.0
39	32.0	25.8	38.6





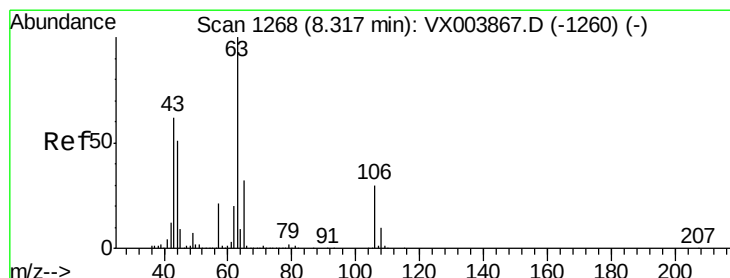
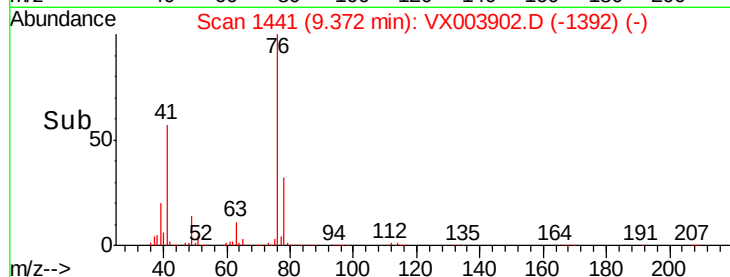
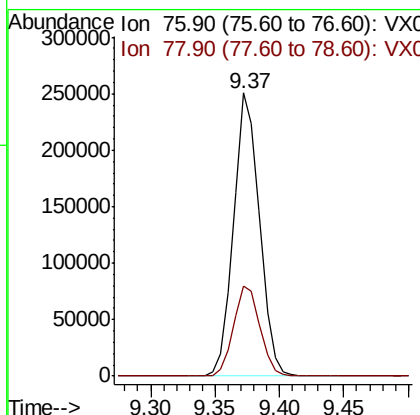
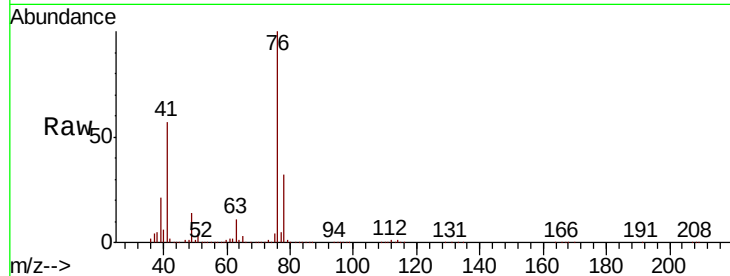
#57
 1,3-Dichloropropane
 Concen: 49.90 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

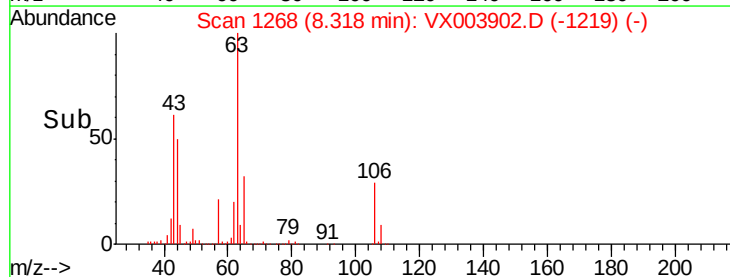
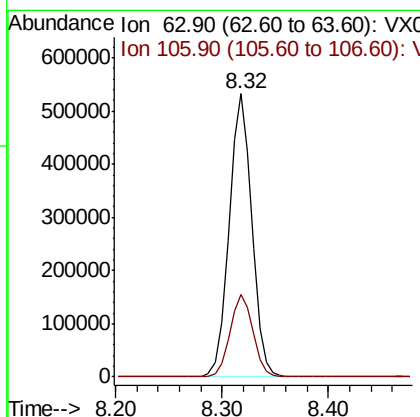
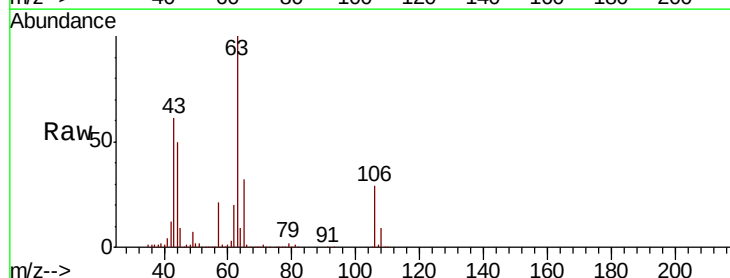
Manual Integrations
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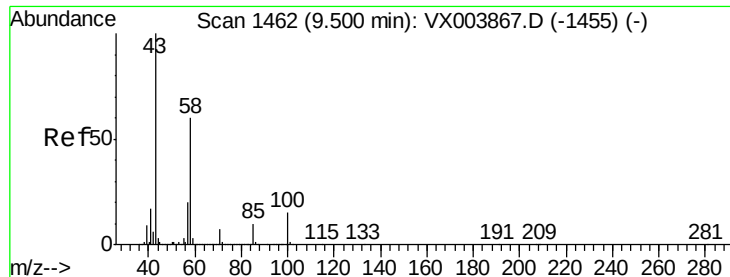
MMDadoda
 8/8/2018 12:06:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.95 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.8	35.8





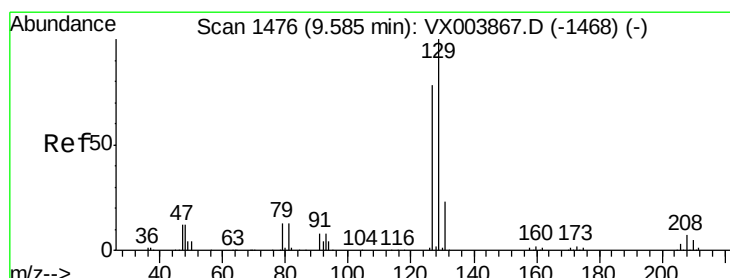
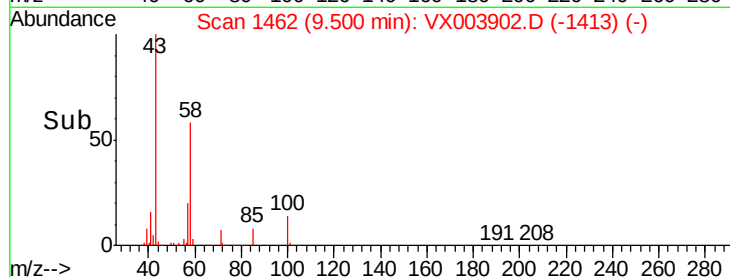
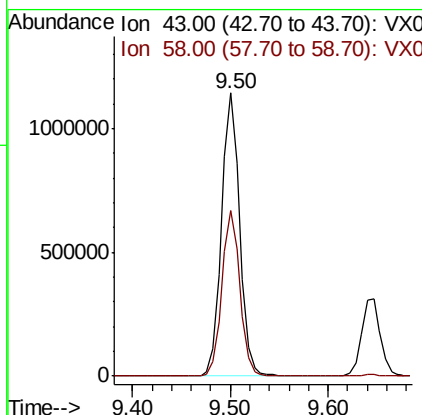
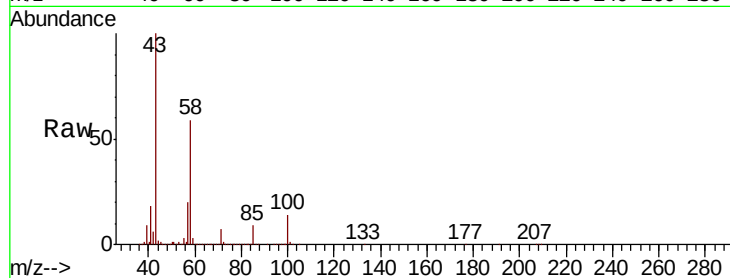
#59
2-Hexanone
Concen: 263.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1466126
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.0

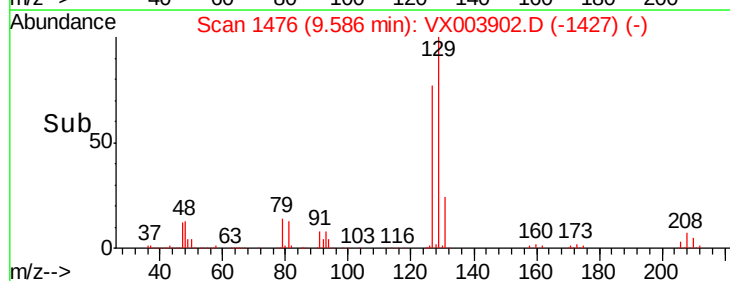
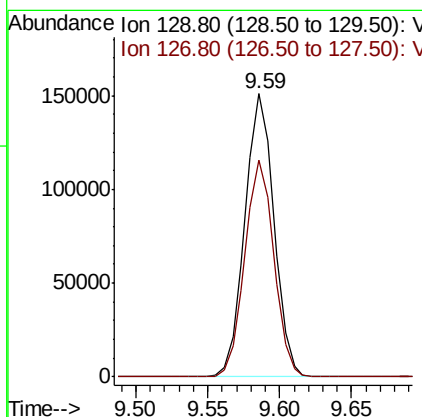
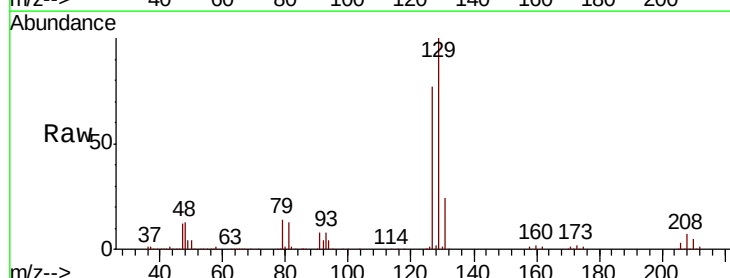
Manual Integrations
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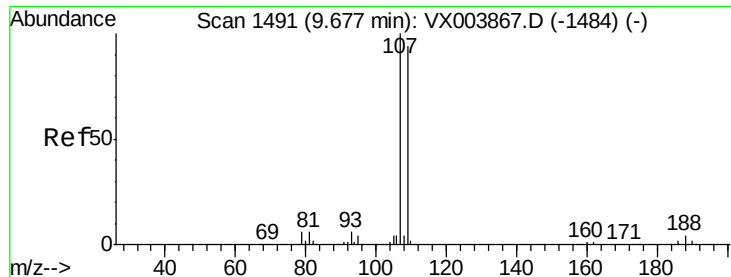
MMDadoda
8/8/2018 12:06:07 PM



#60
Dibromochloromethane
Concen: 53.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion: 129 Resp: 211086
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 220366

Ion Ratio Lower Upper

107 100

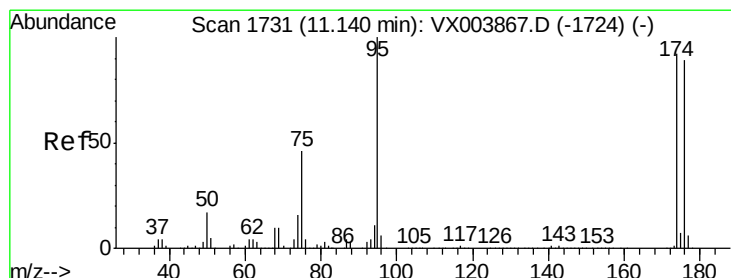
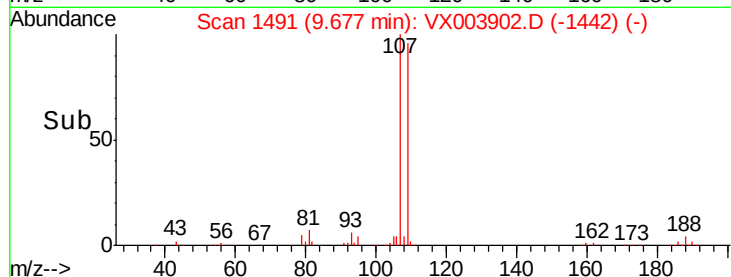
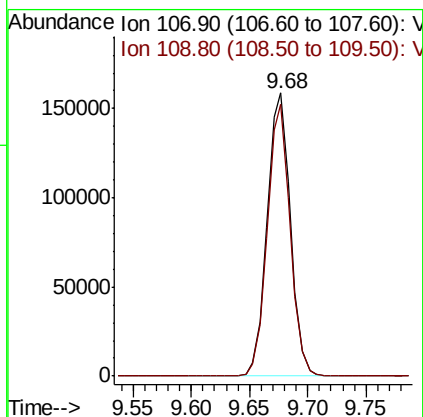
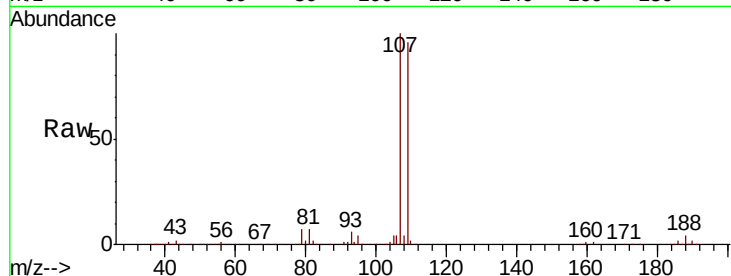
109 94.4 75.8 113.8

Manual Integrations

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MMDadoda

8/8/2018 12:06:07 PM



#62

4-Bromofluorobenzene

Concen: 56.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

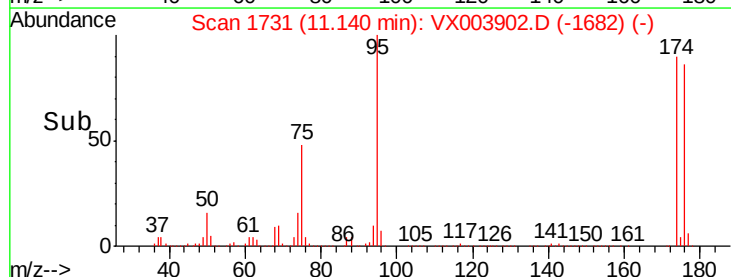
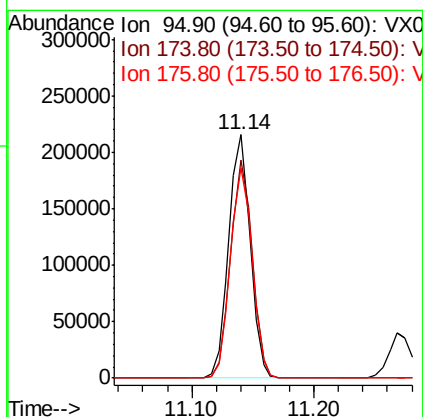
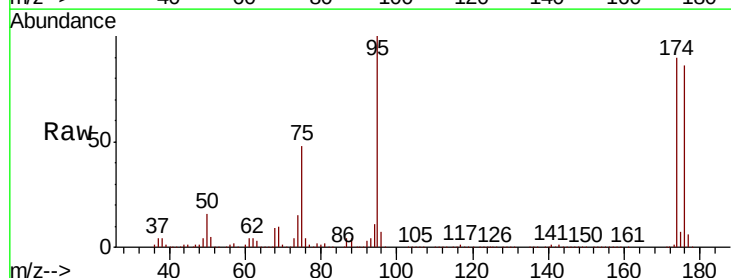
Tgt Ion: 95 Resp: 262310

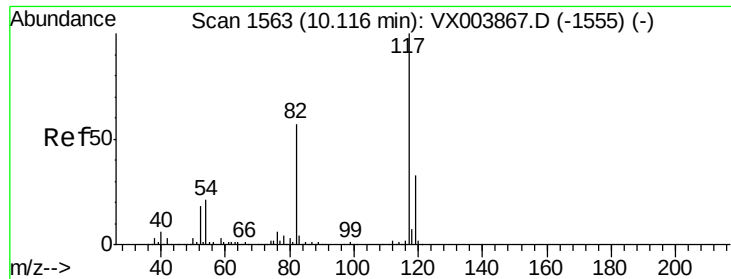
Ion Ratio Lower Upper

95 100

174 89.6 0.0 182.8

176 87.5 0.0 179.0





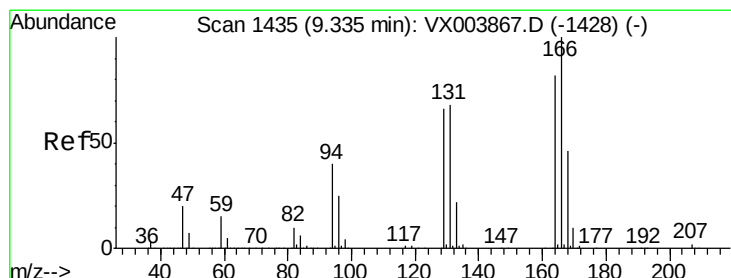
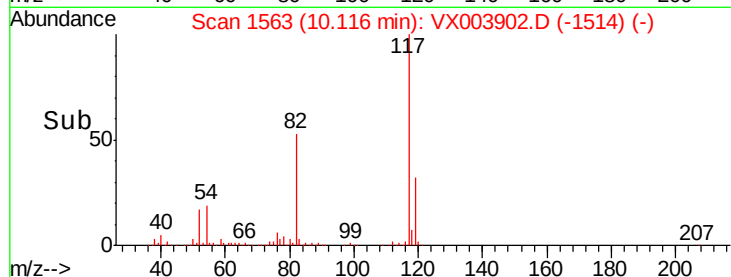
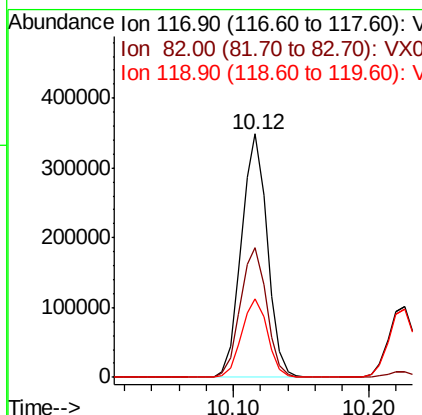
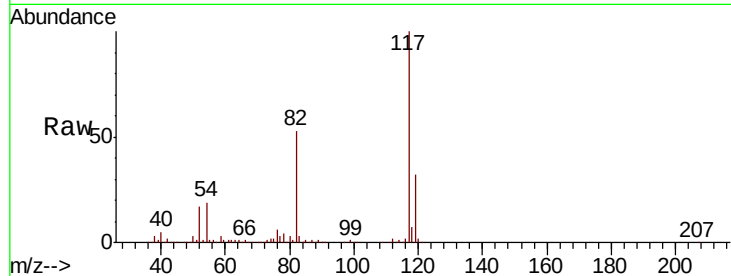
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463352		
82	53.3	45.4	68.0	
119	32.1	26.6	40.0	

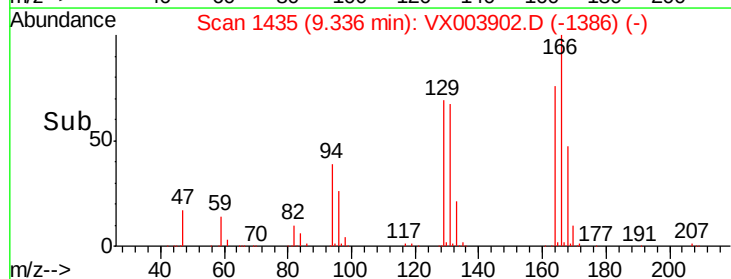
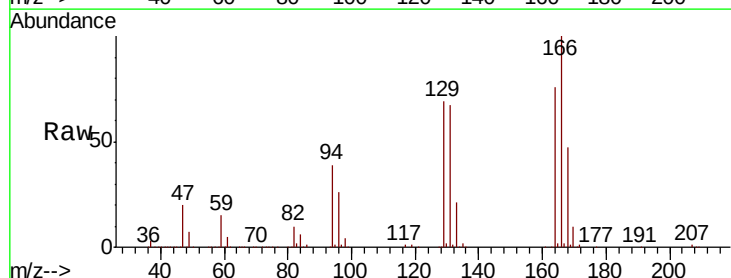
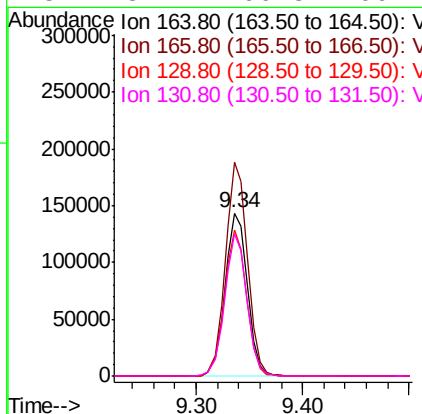
Manual Integrations
APPROVED

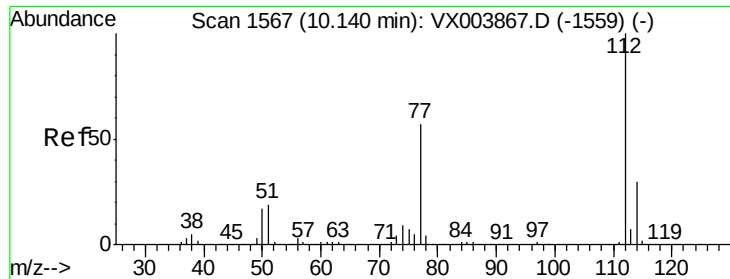
MMDadoda
8/8/2018 12:06:07 PM



#64
Tetrachloroethene
Concen: 46.23 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210718		
166	130.9	98.0	147.0	
129	89.8	64.3	96.5	
131	87.1	66.8	100.2	





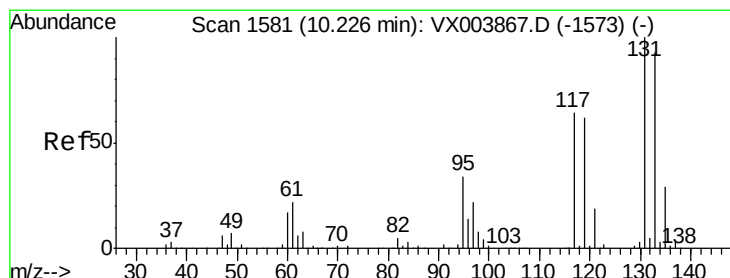
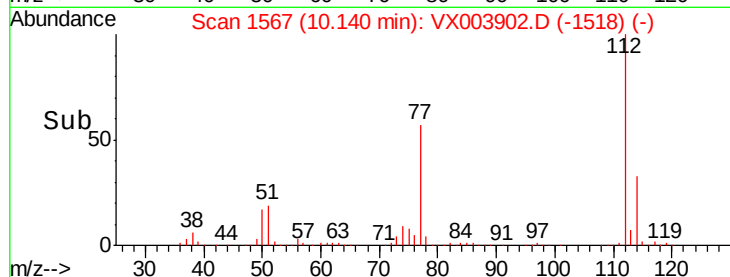
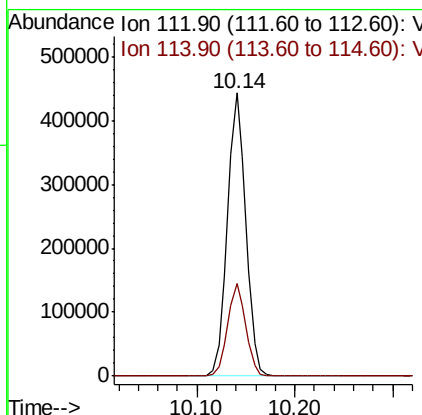
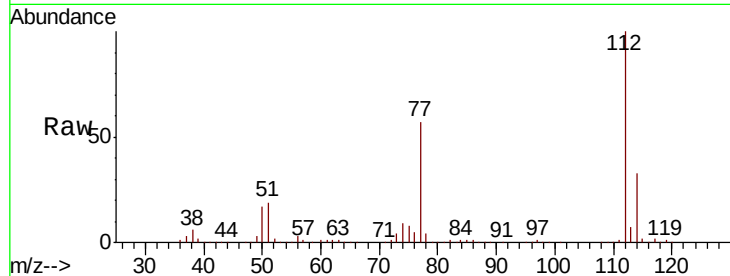
#65
Chlorobenzene
Concen: 47.94 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 578012
Ion Ratio Lower Upper
112 100
114 32.9 23.6 35.4

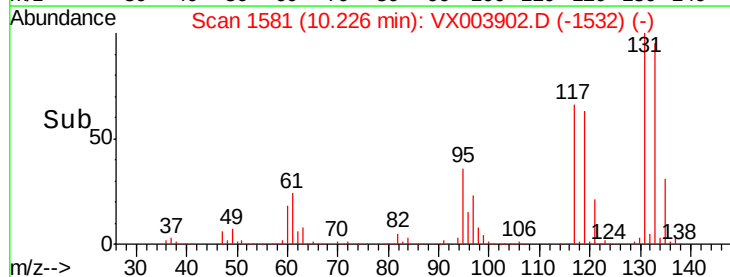
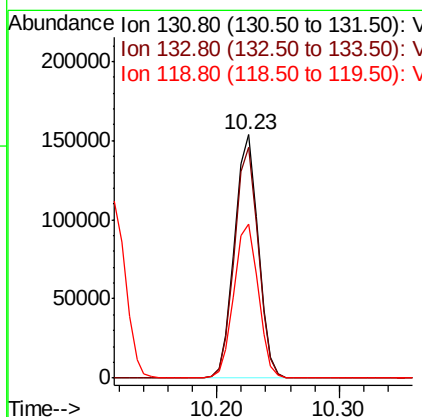
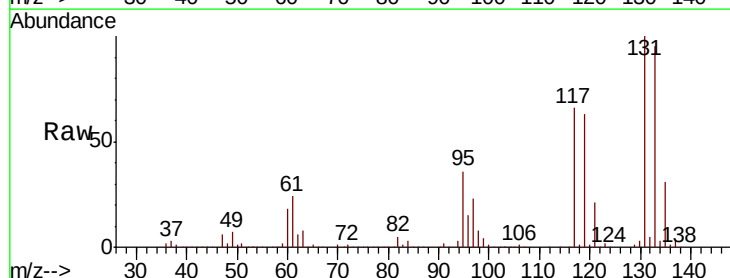
Manual Integrations
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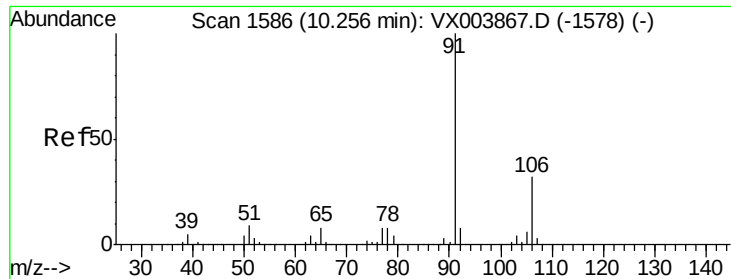
MMDadoda
8/8/2018 12:06:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.56 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion:131 Resp: 205431
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.0 31.6 94.8





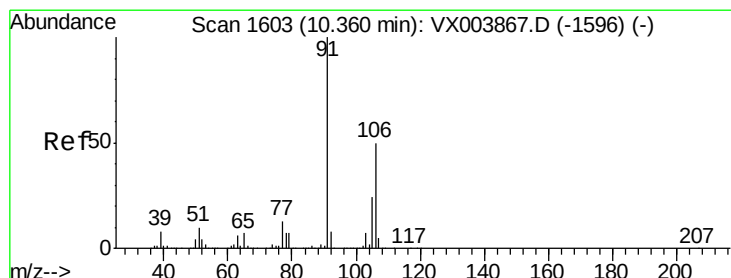
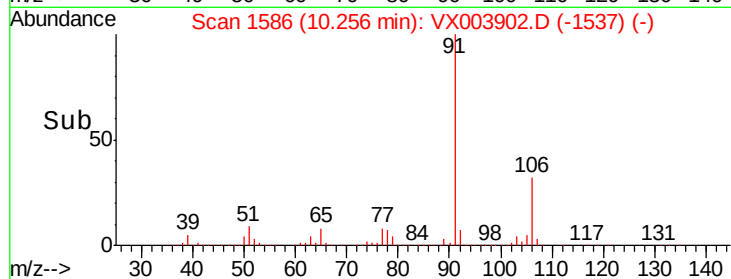
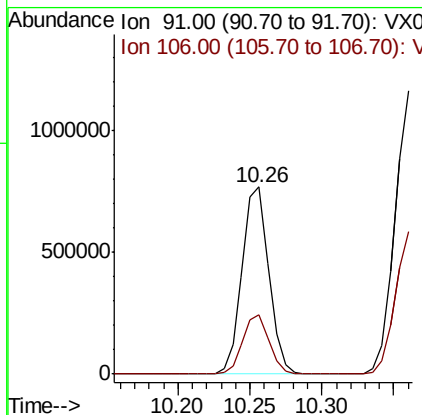
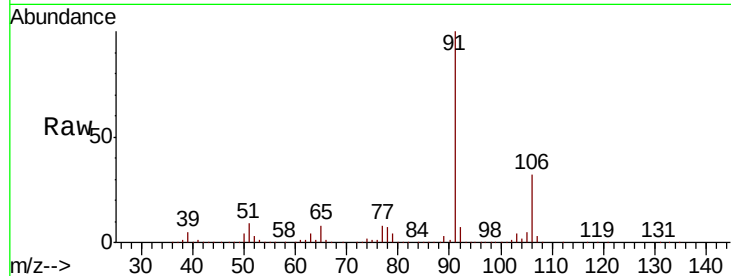
#67
Ethyl Benzene
Concen: 50.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 990166
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9

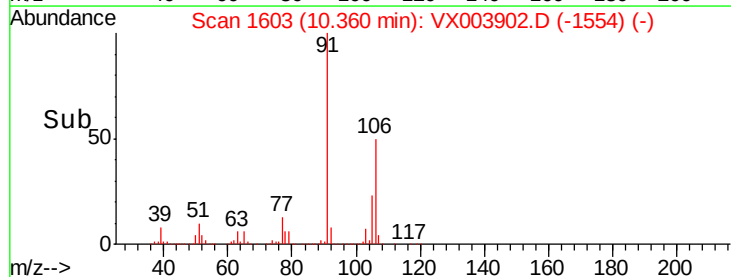
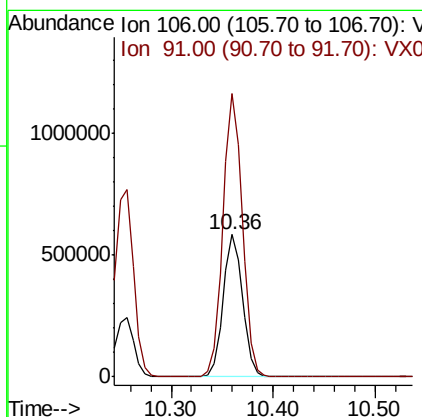
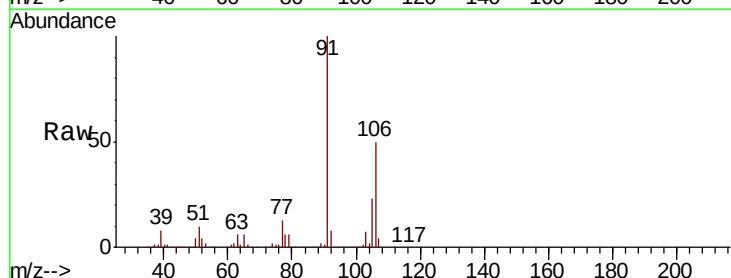
Manual Integrations
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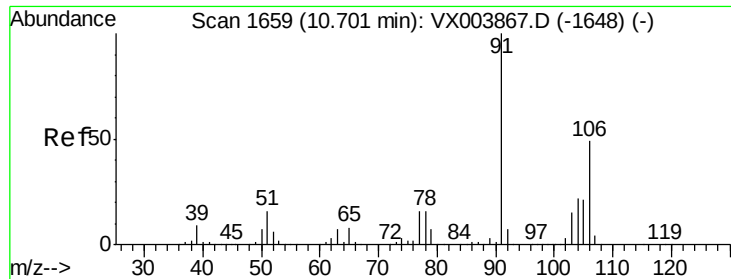
MMDadoda
8/8/2018 12:06:07 PM



#68
m/p-Xylenes
Concen: 99.85 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion: 106 Resp: 770032
Ion Ratio Lower Upper
106 100
91 200.4 162.3 243.5





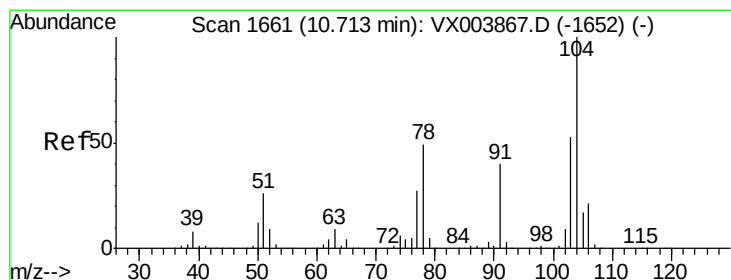
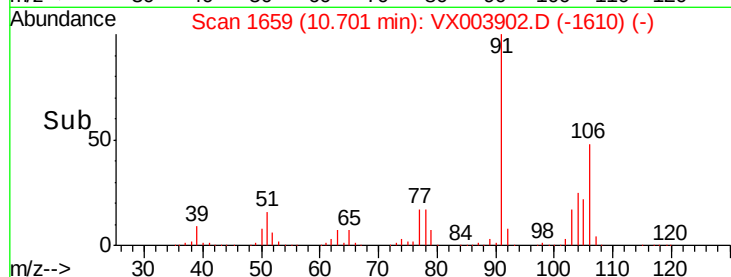
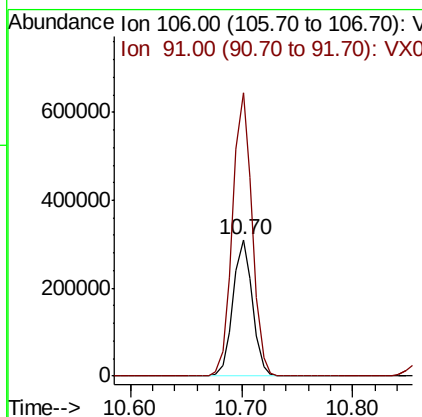
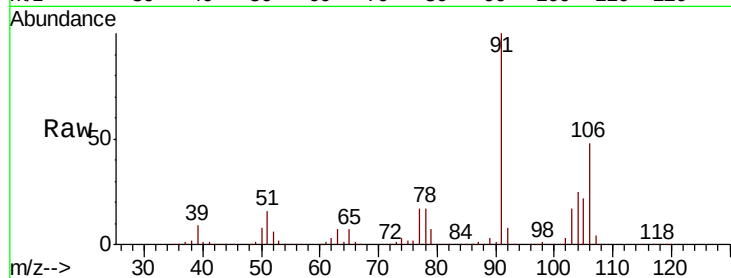
#69
o-Xylene
Concen: 51.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 374920
Ion Ratio Lower Upper
106 100
91 208.8 101.9 305.7

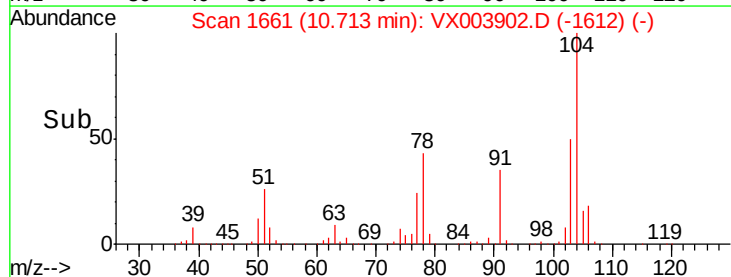
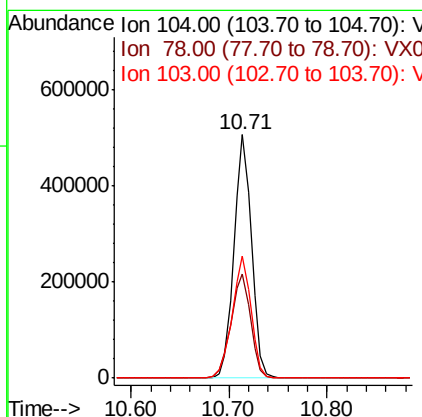
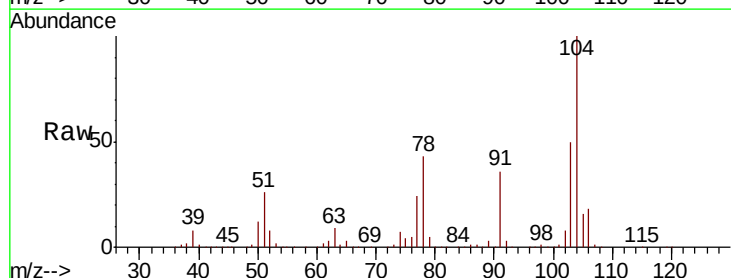
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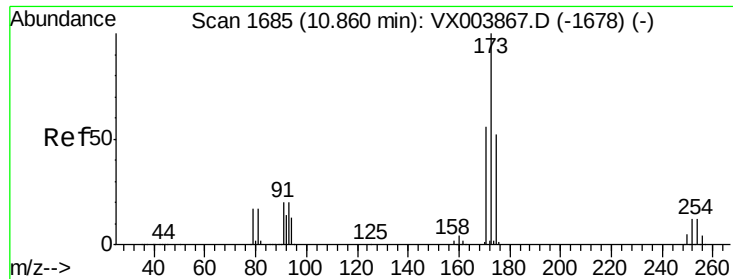
MMDadoda
8/8/2018 12:06:07 PM



#70
Styrene
Concen: 52.91 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion:104 Resp: 630612
Ion Ratio Lower Upper
104 100
78 47.9 39.8 59.6
103 54.0 44.3 66.5





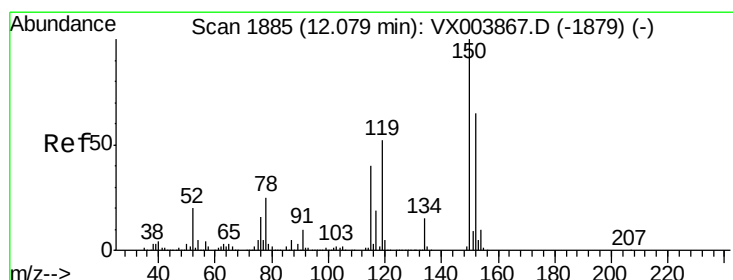
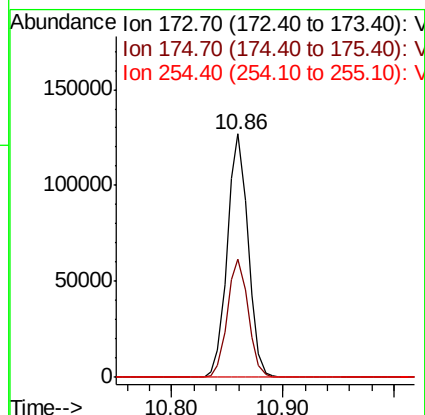
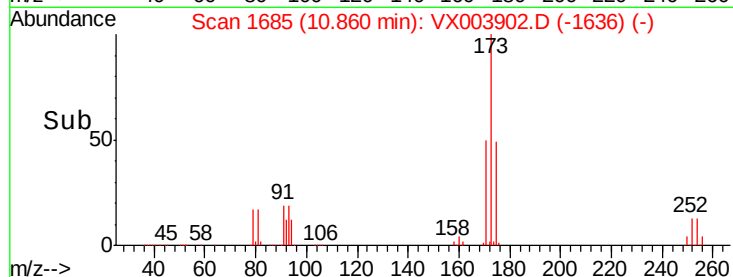
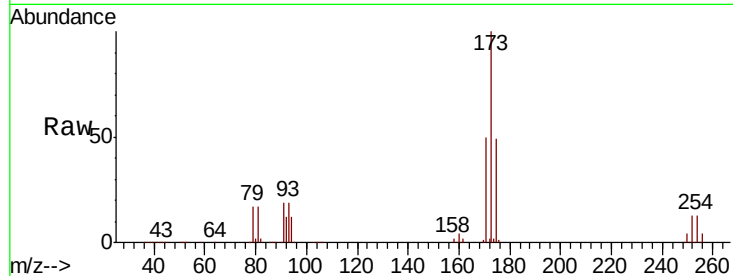
#71
Bromoform
Concen: 46.71 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.7
254	0.2	0.2	0.2

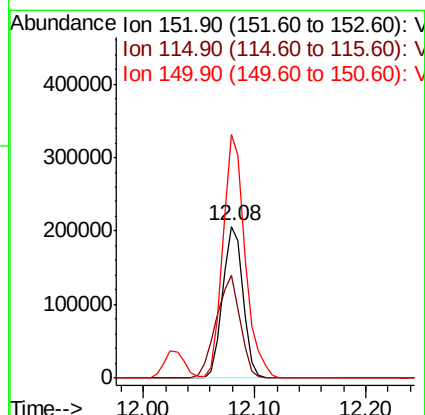
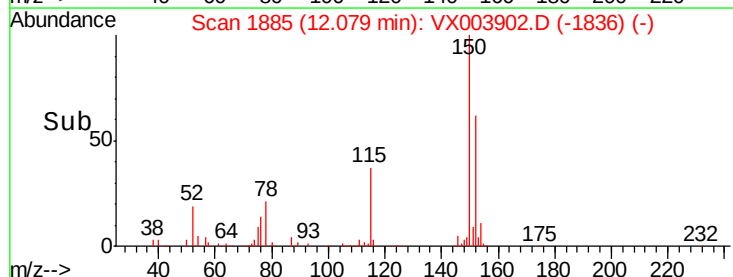
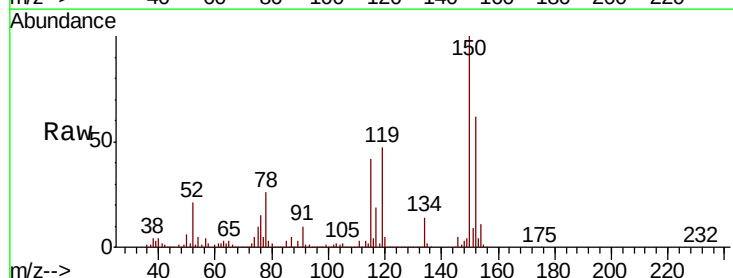
Manual Integrations
APPROVED

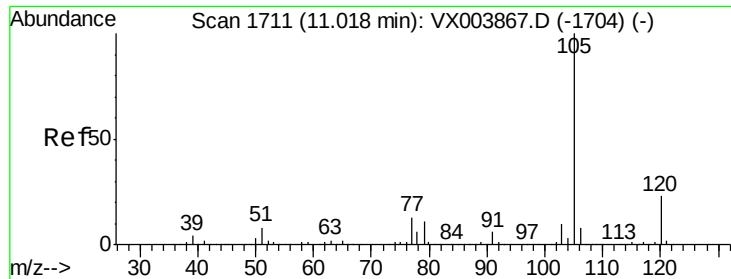
MMDadoda
8/8/2018 12:06:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.0	39.1	117.3
150	175.1	0.0	349.2





#73

Isopropylbenzene

Concen: 51.85 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 996446

Ion Ratio Lower Upper

105 100

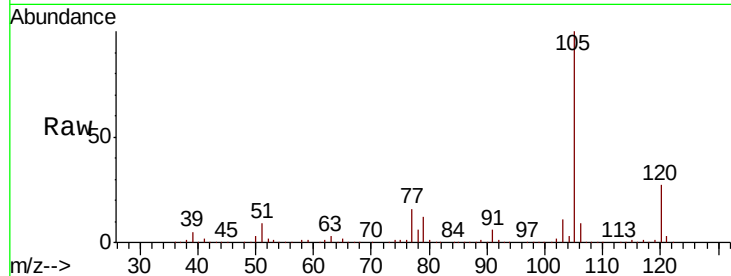
120 27.0 12.6 37.8

Manual Integrations

APPROVED

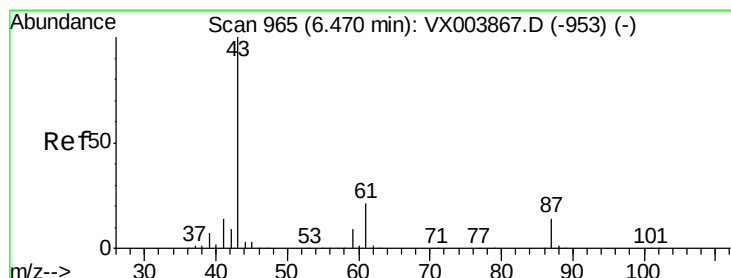
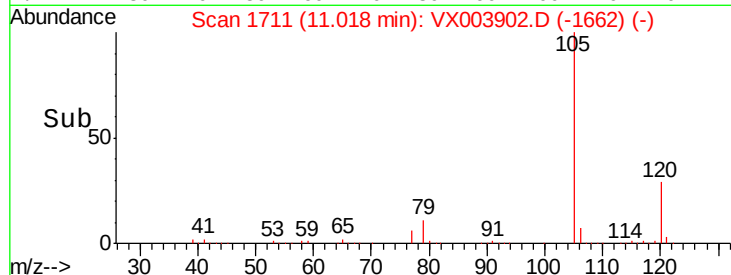
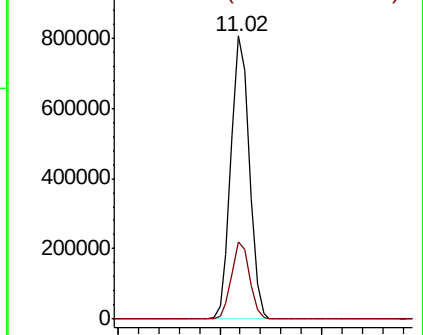
MMDadoda

8/8/2018 12:06:07 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.96 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion: 43 Resp: 449290

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

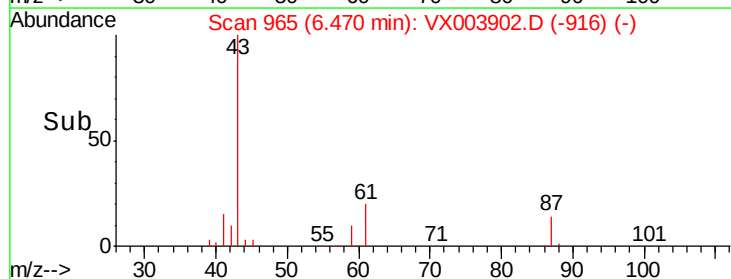
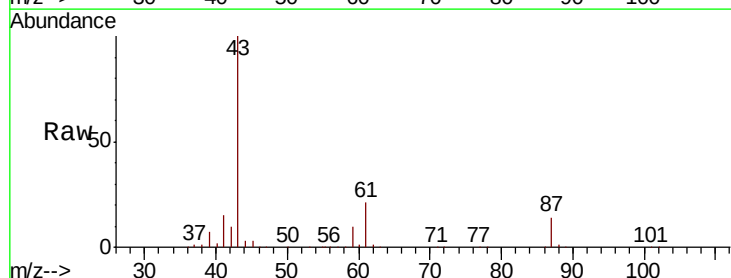
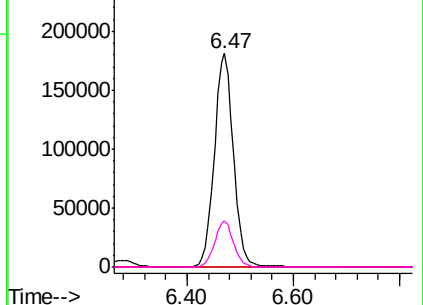
61 21.3 16.9 25.3

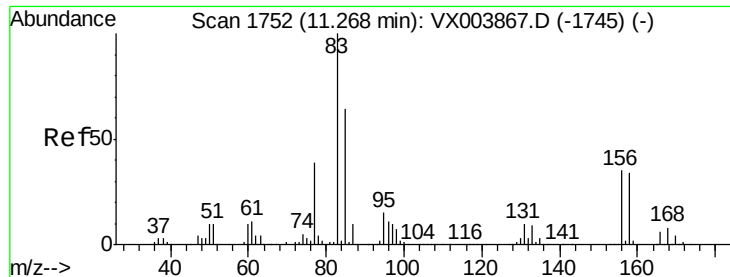
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.17 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 330458
Ion Ratio Lower Upper

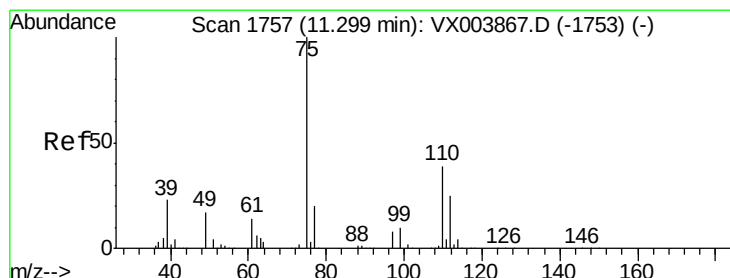
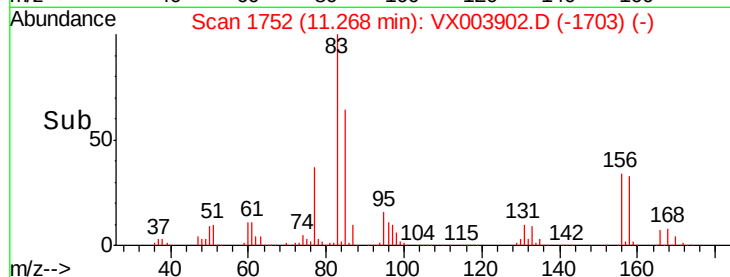
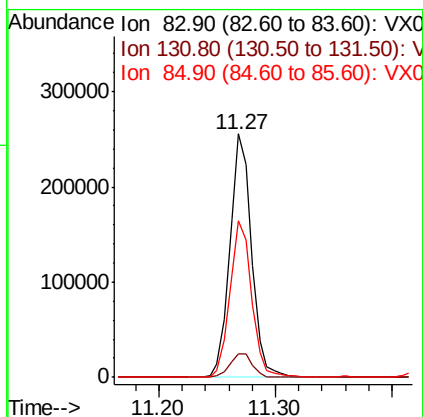
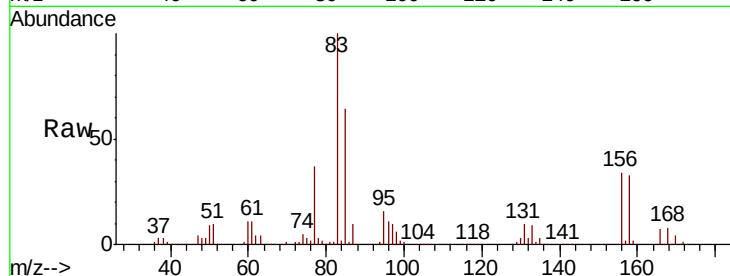
83 100

131 10.3 5.2 15.6

85 64.7 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 51.00 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

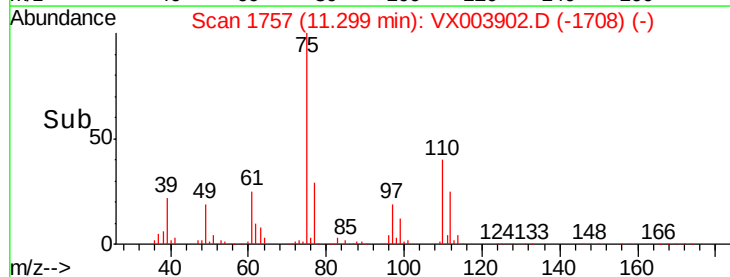
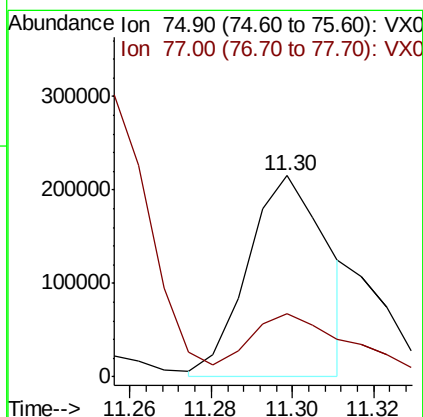
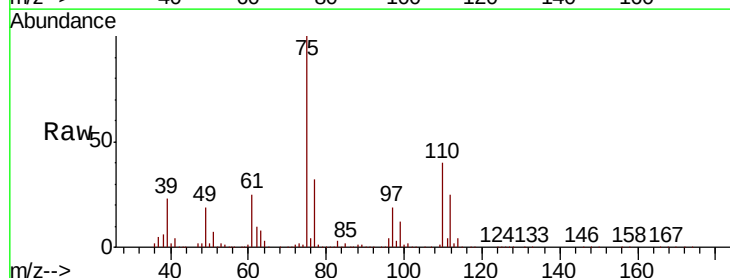
Lab File: VX003902.D

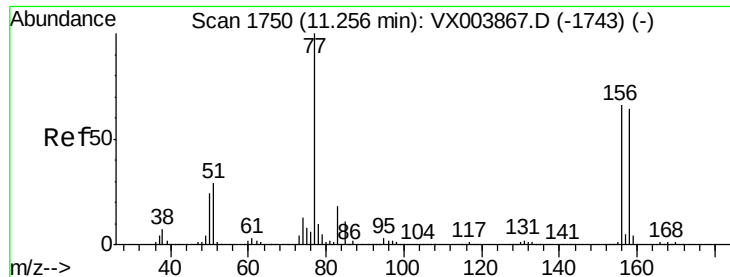
Acq: 08 Aug 2018 01:51

Tgt Ion: 75 Resp: 292643
Ion Ratio Lower Upper

75 100

77 40.0 20.8 62.5





#77

Bromobenzene

Concen: 51.17 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

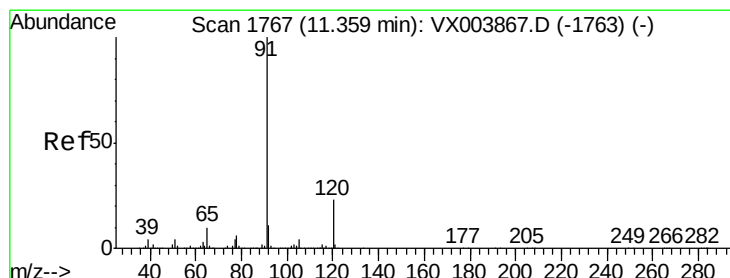
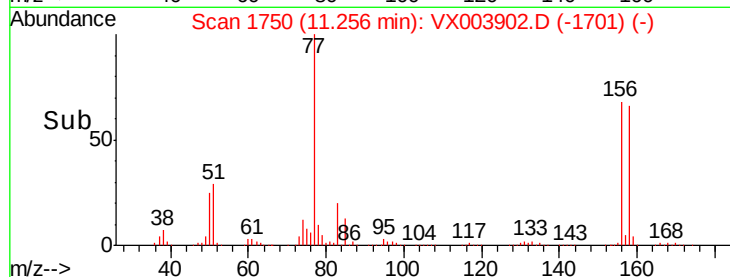
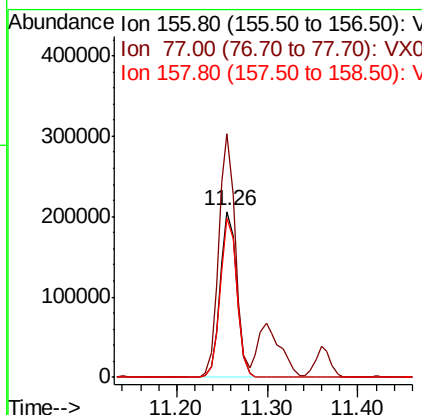
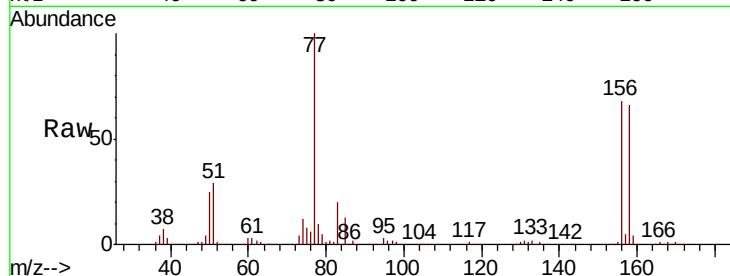
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		262327		
77	146.9	74.1	222.2		
158	96.6	48.6	145.9		

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#78

n-propylbenzene

Concen: 53.09 ug/l

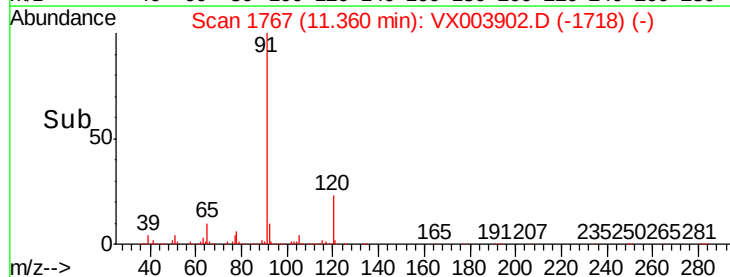
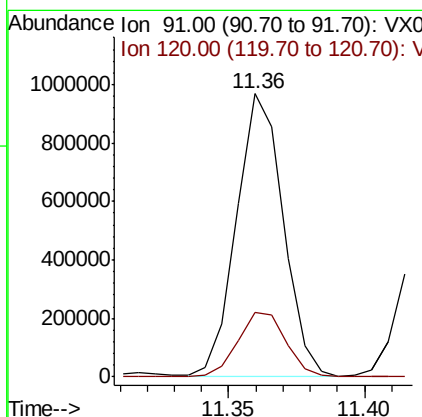
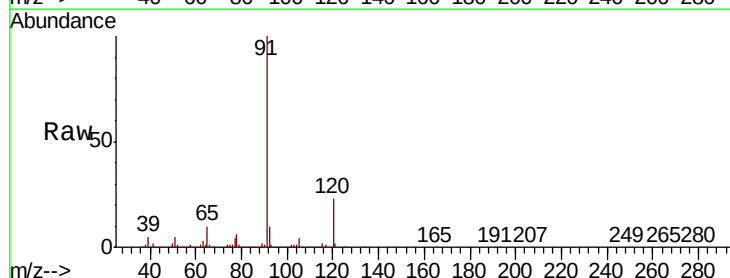
RT: 11.36 min Scan# 1767

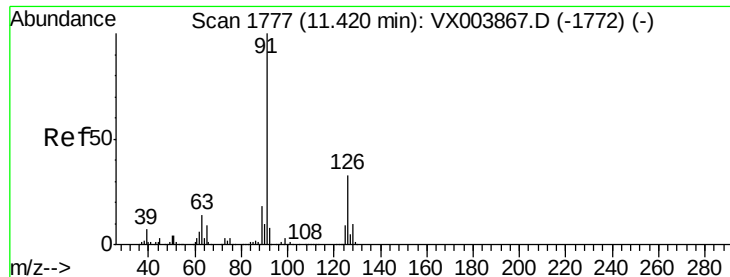
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1145549		
120	23.8	11.9	35.5		





#79

2-Chlorotoluene

Concen: 51.81 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 681710

Ion Ratio Lower Upper

91 100

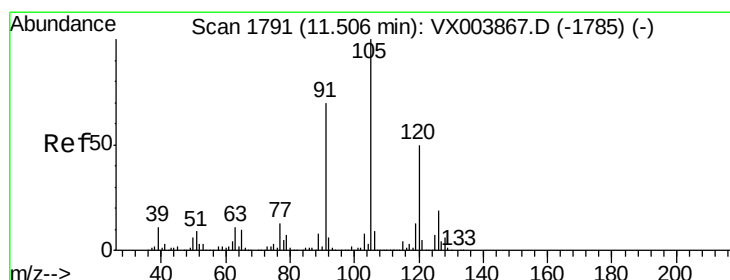
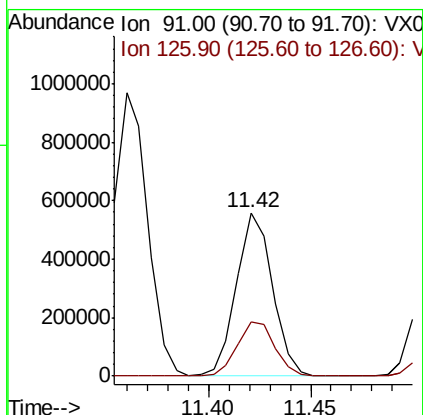
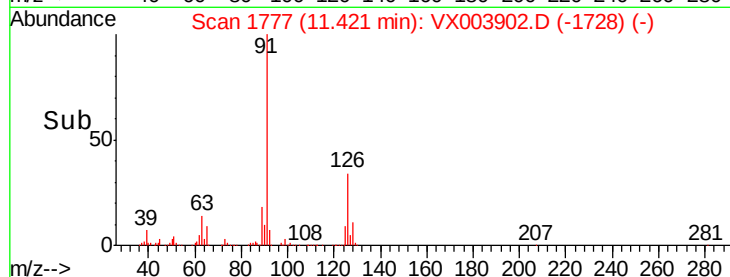
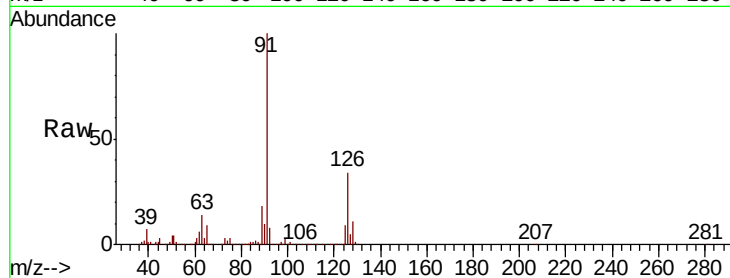
126 35.0 17.4 52.3

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#80

1,3,5-Trimethylbenzene

Concen: 53.36 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003902.D

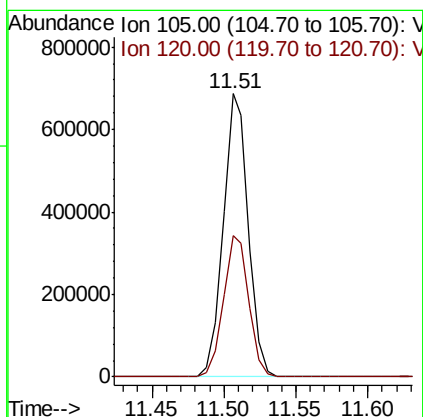
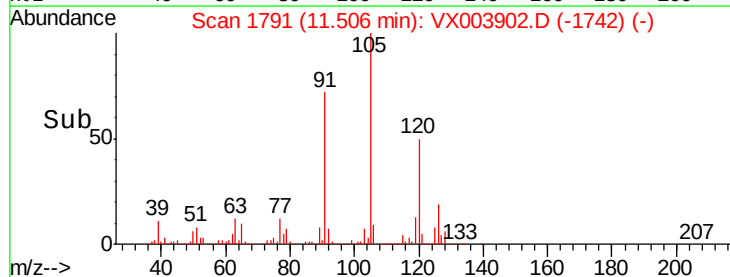
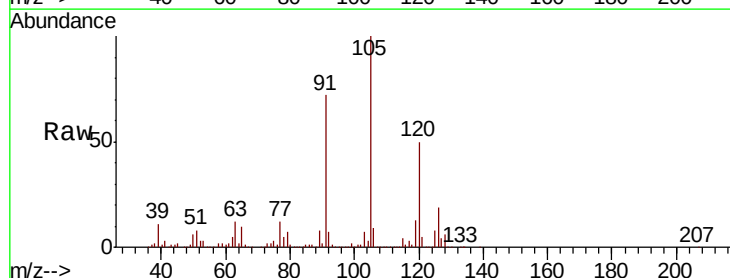
Acq: 08 Aug 2018 01:51

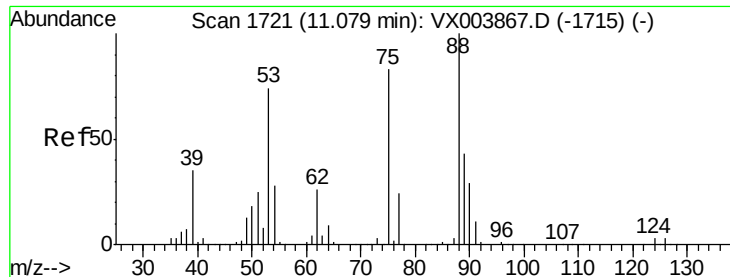
Tgt Ion: 105 Resp: 836104

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.2





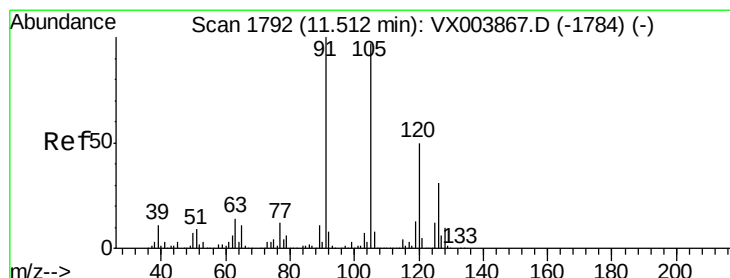
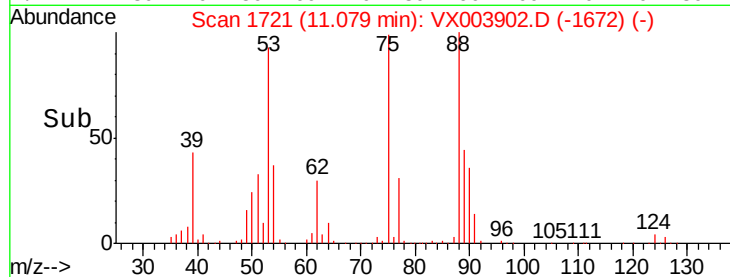
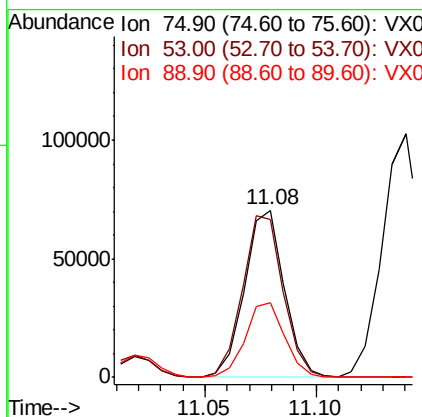
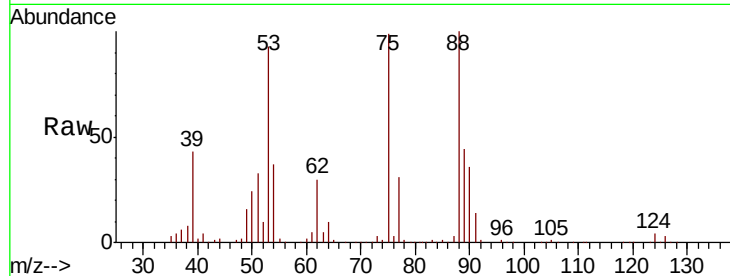
#81
trans-1,4-Dichloro-2-butene
Concen: 41.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	80.3	120.5
89	45.1	37.8	56.8

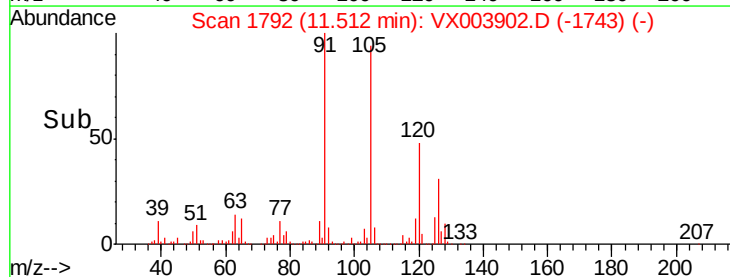
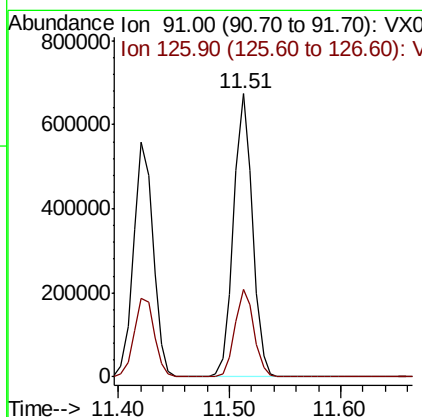
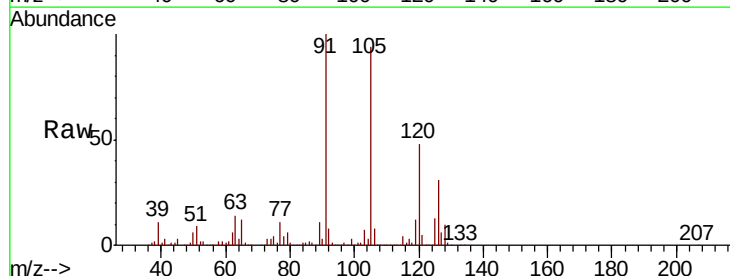
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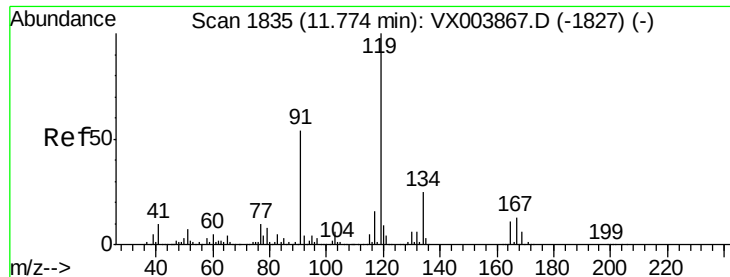
MMDadoda
8/8/2018 12:06:07 PM



#82
4-Chlorotoluene
Concen: 51.48 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7





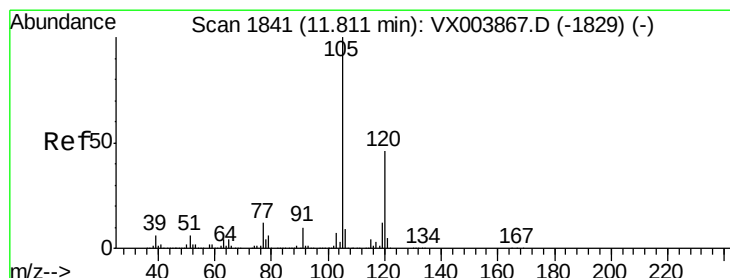
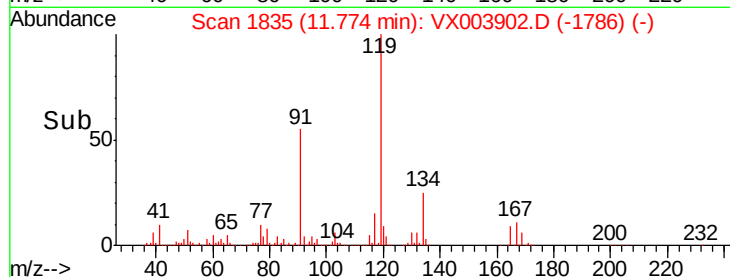
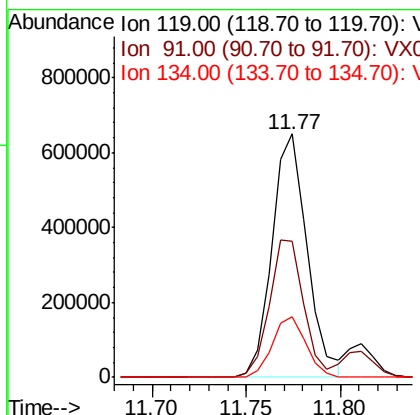
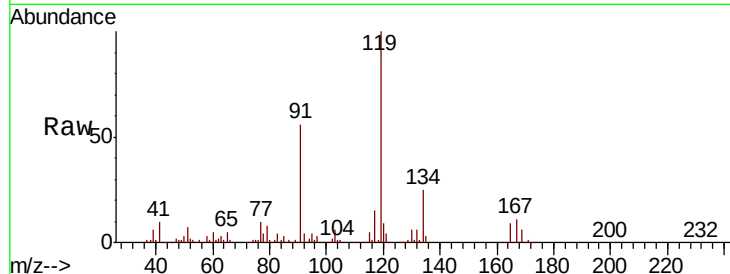
#83
 tert-Butylbenzene
 Concen: 54.37 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	26.9	80.7
134	24.1	12.0	36.0

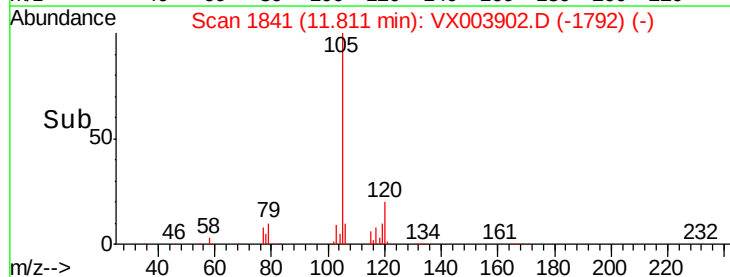
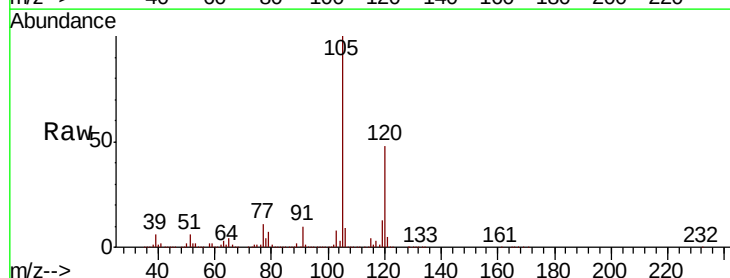
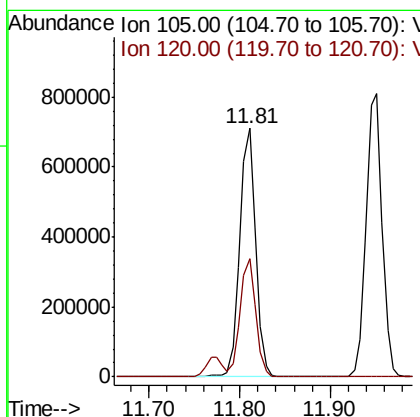
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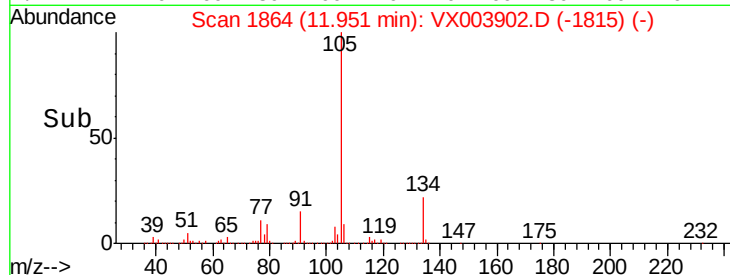
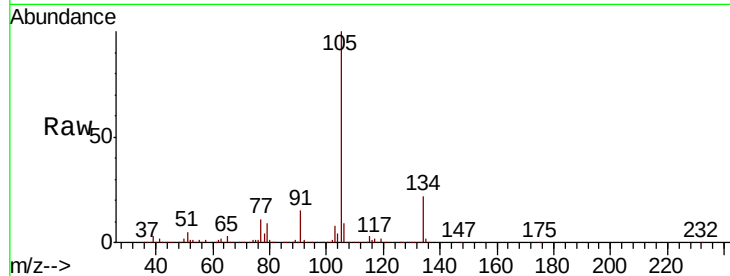
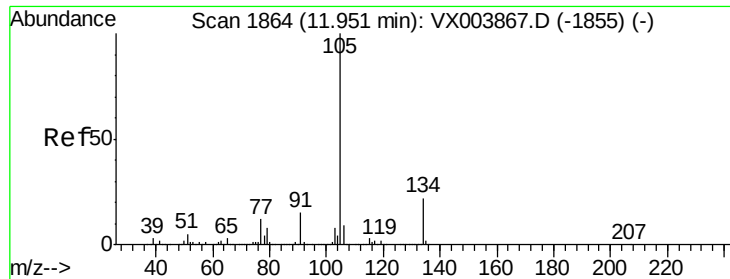
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





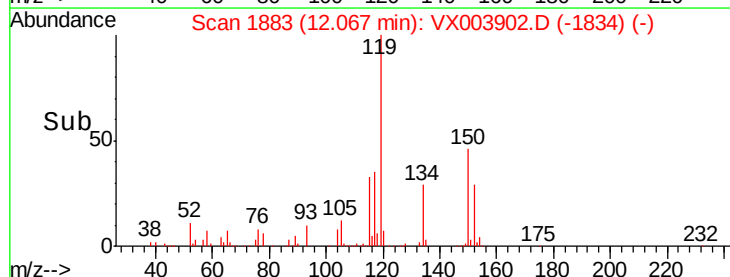
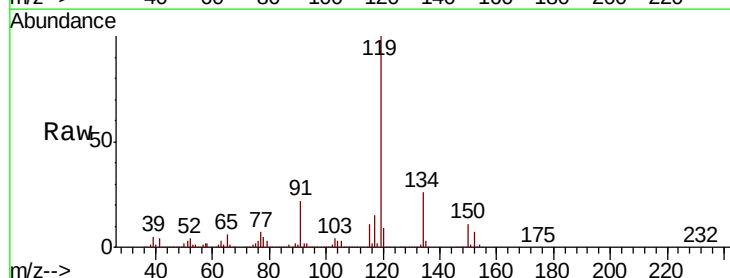
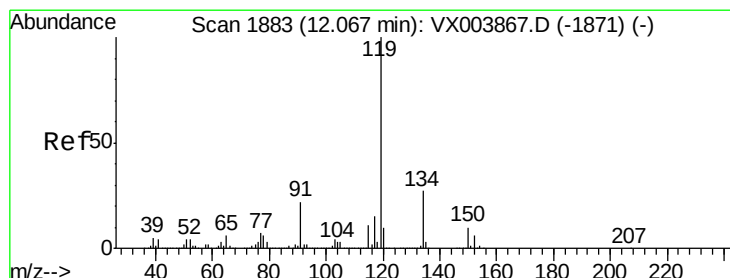
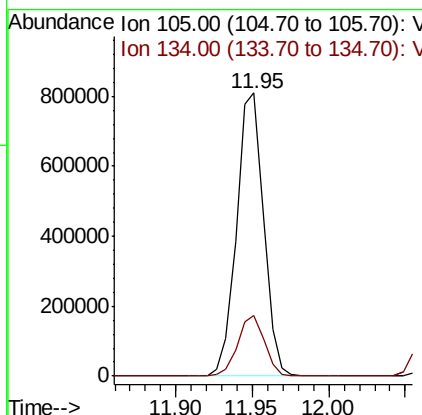
#85
 sec-Butylbenzene
 Concen: 54.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tot Ion	Ratio	Resp	Lower	Upper
105	100	988258		
134	21.1	10.3	30.9	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

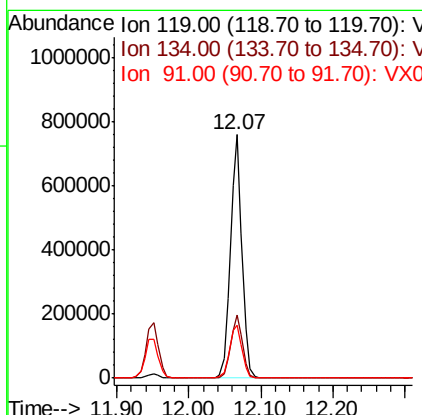
Manual Integrations
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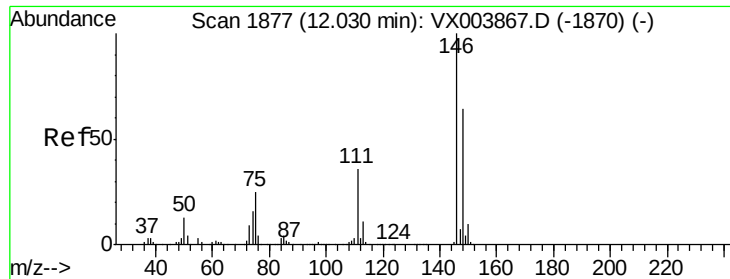
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 52.25 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	853017		
134	26.5	13.3	39.8	
91	24.4	10.9	32.7	





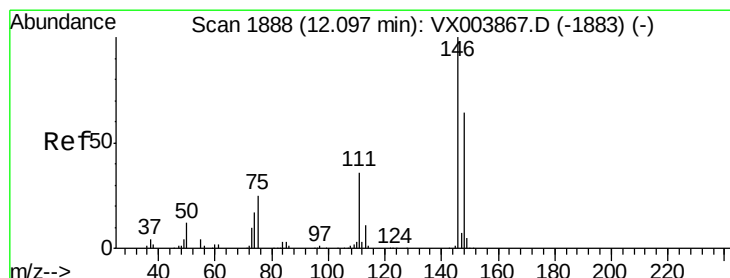
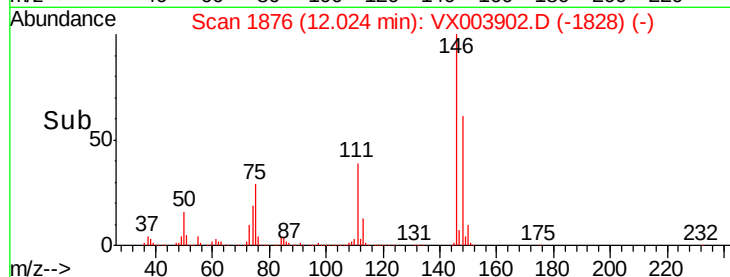
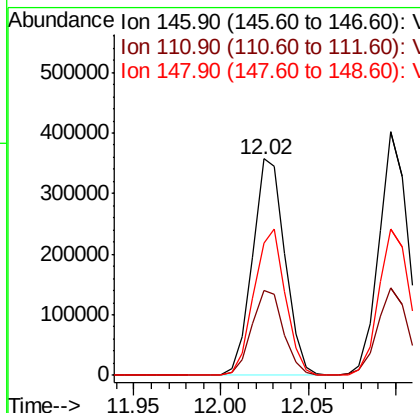
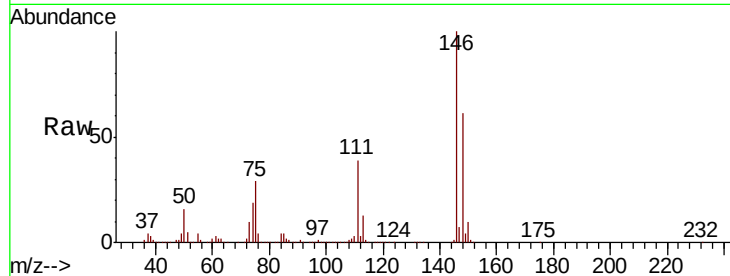
#87
 1,3-Dichlorobenzene
 Concen: 48.64 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.8	56.4
148	65.5	31.9	95.5

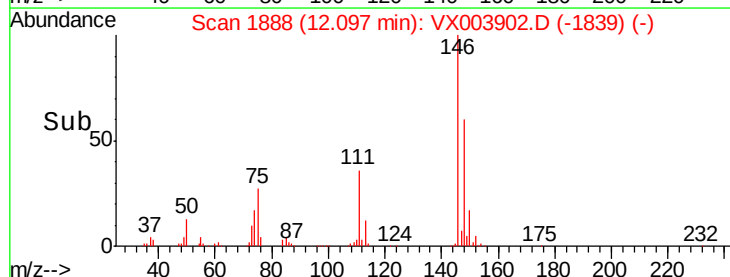
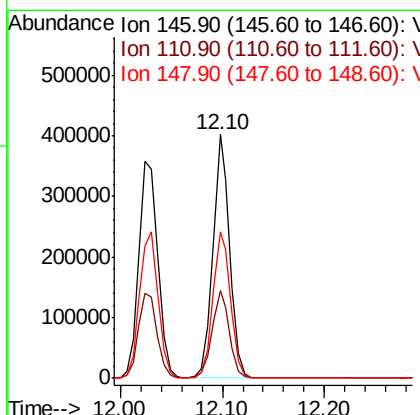
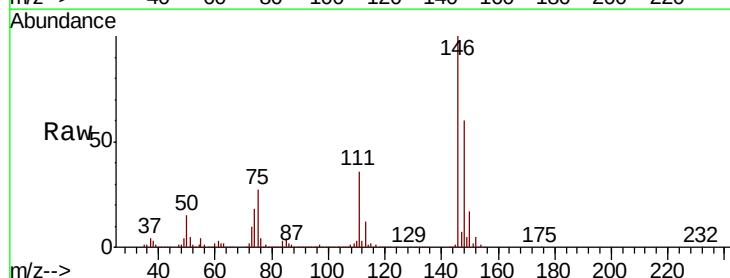
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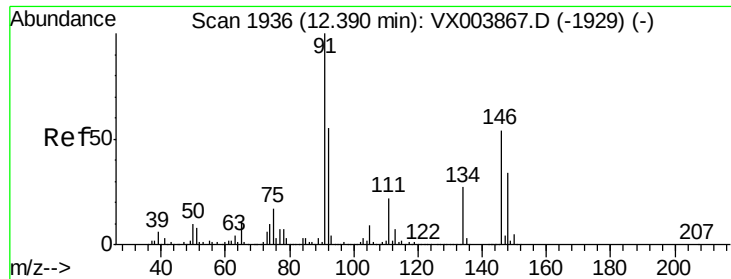
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#88
 1,4-Dichlorobenzene
 Concen: 51.20 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	63.5	32.3	96.8





#89

n-Butylbenzene

Concen: 49.82 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Instrument :

MSVOA_X

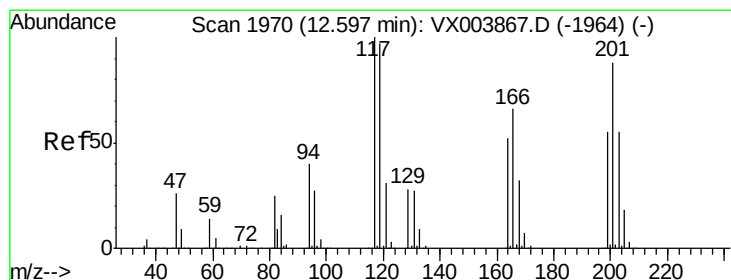
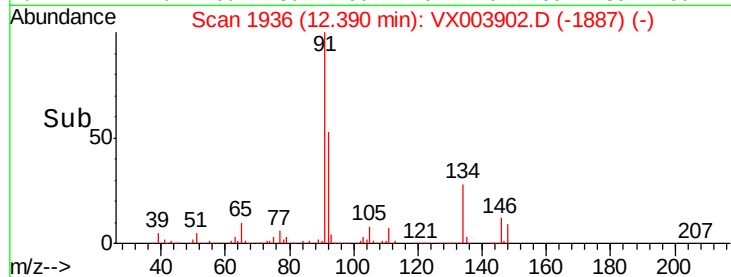
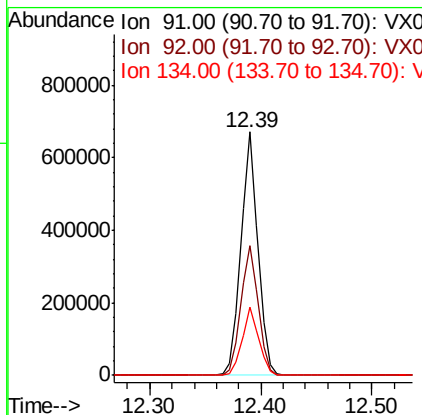
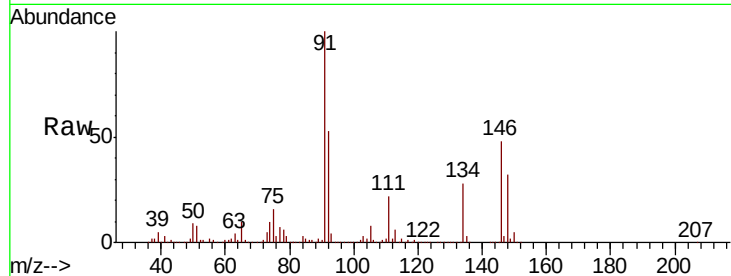
ClientSampled :

VSTDCCC050

Tot Ion:	91	Resp:	708685
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.1	81.3
134	27.4	13.6	40.7

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#90

Hexachloroethane

Concen: 46.27 ug/l

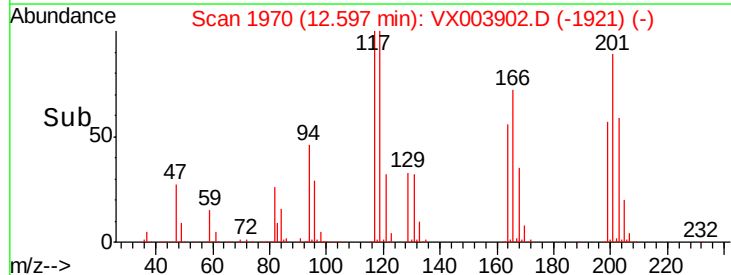
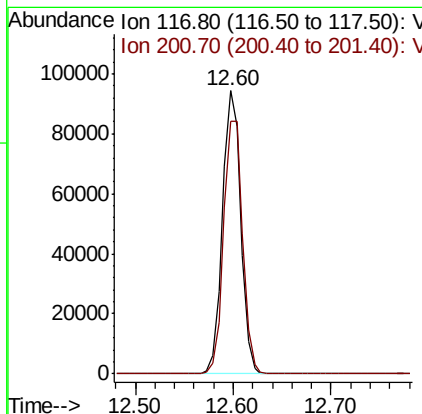
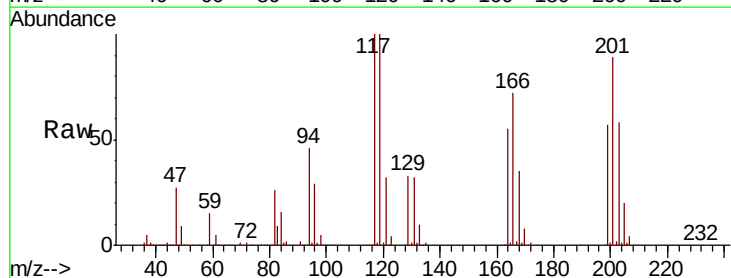
RT: 12.60 min Scan# 1970

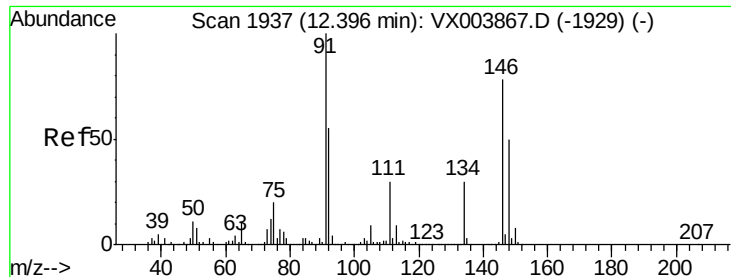
Delta R.T. 0.00 min

Lab File: VX003902.D

Acq: 08 Aug 2018 01:51

Tgt Ion:	117	Resp:	122632
Ion Ratio	Lower	Upper	
117	100		
201	92.4	46.1	138.2





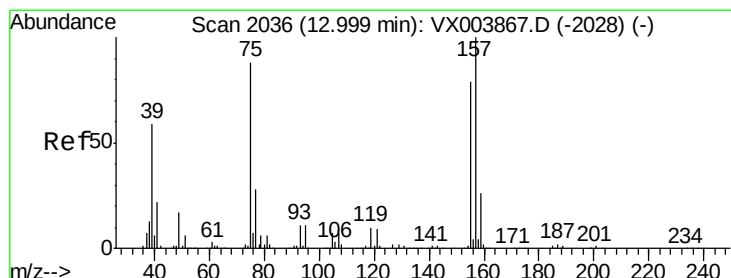
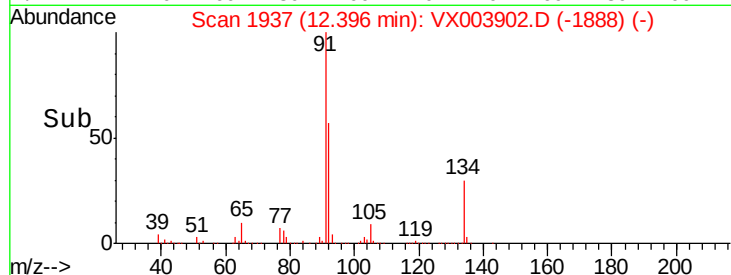
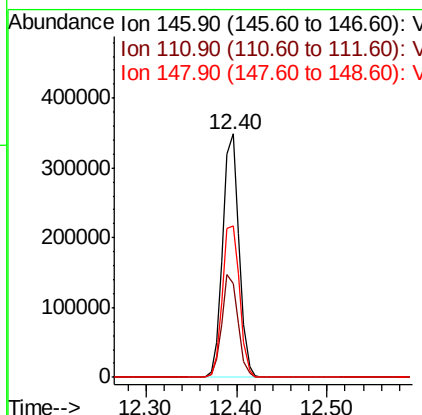
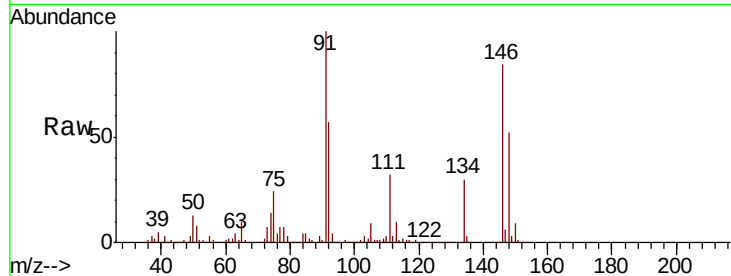
#91
 1,2-Dichlorobenzene
 Concen: 46.51 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.7	59.0
148	65.7	31.9	95.5

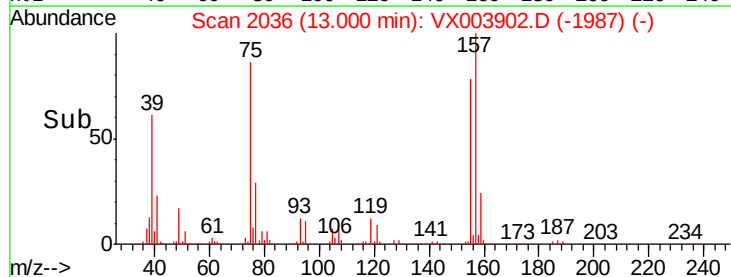
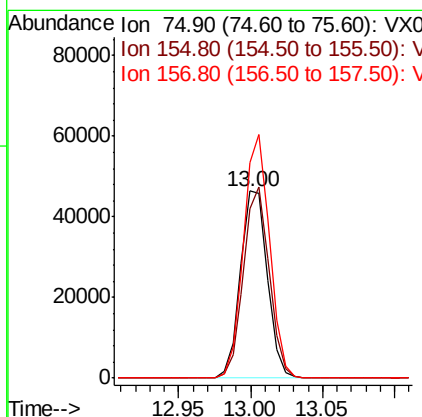
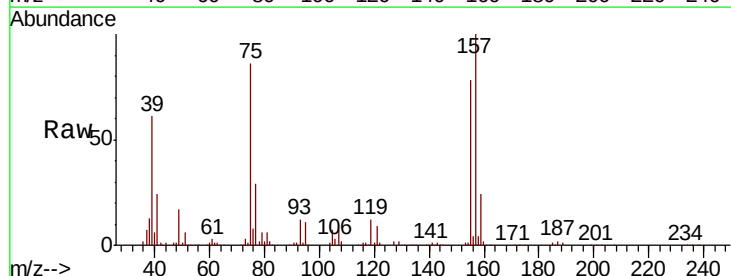
Manual Integrations
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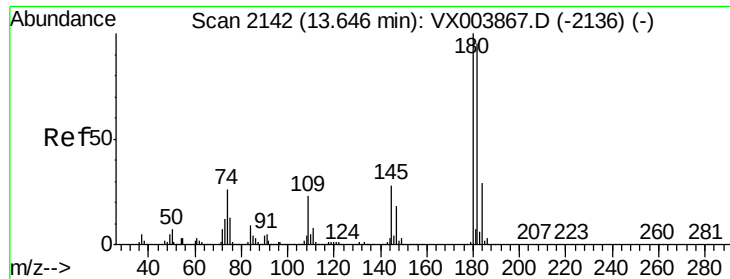
MMDadoda
 8/8/2018 12:06:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.57 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.7	146.1
157	125.6	62.6	187.8





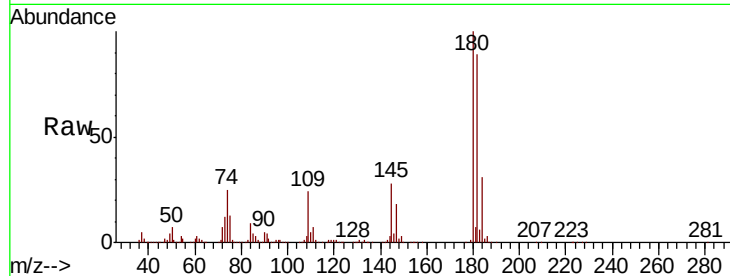
#93
 1,2,4-Trichlorobenzene
 Concen: 49.62 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

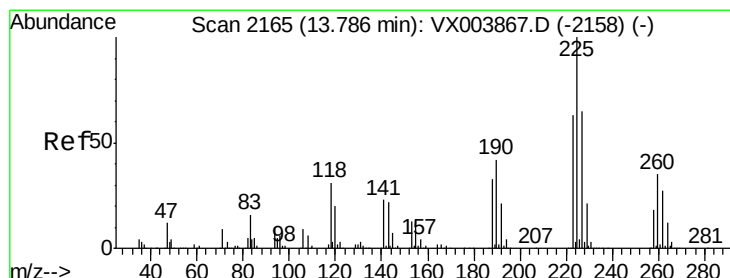
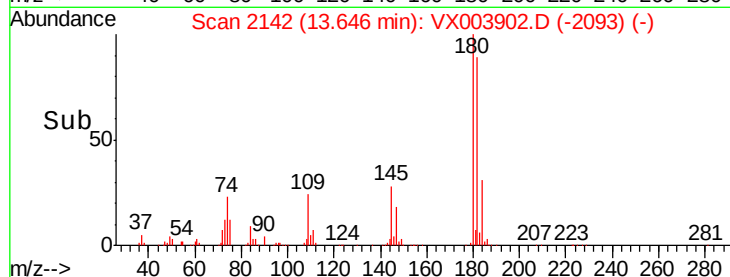
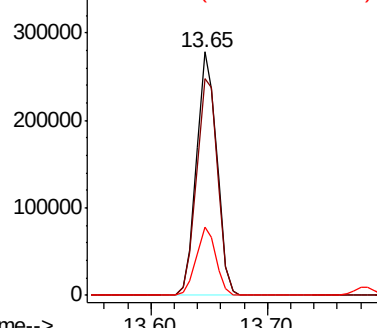
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.9	47.7	143.1	
145	27.1	13.9	41.6	

Manual Integrations
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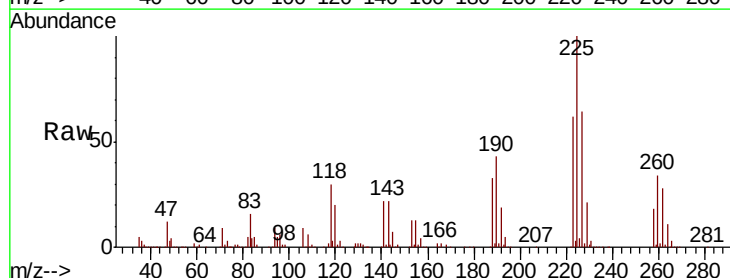


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

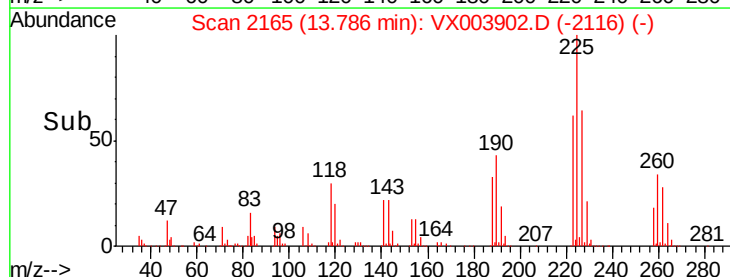
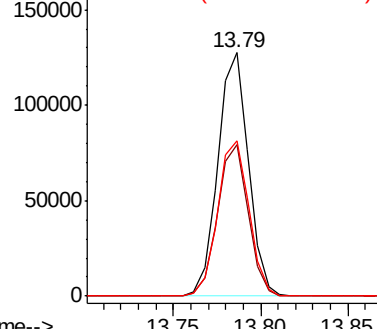


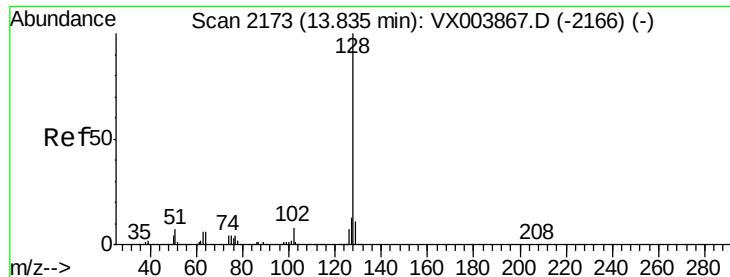
#94
 Hexachlorobutadiene
 Concen: 51.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003902.D
 Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.0	
227	65.6	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





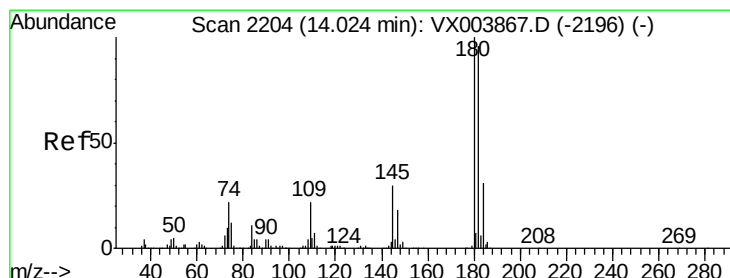
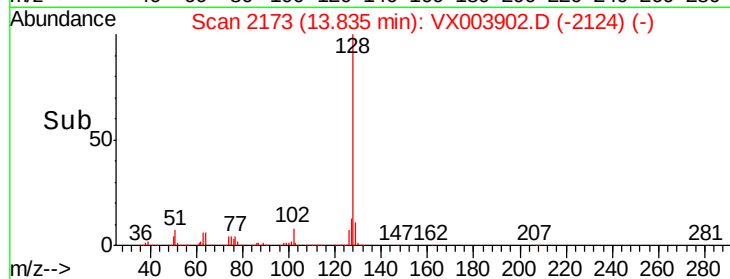
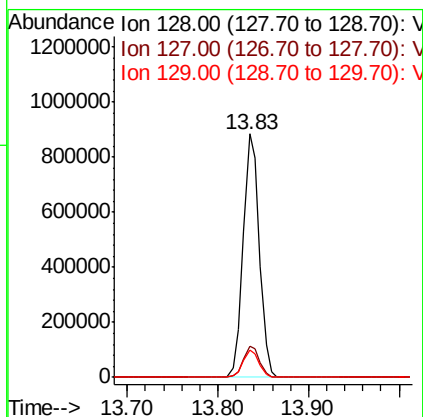
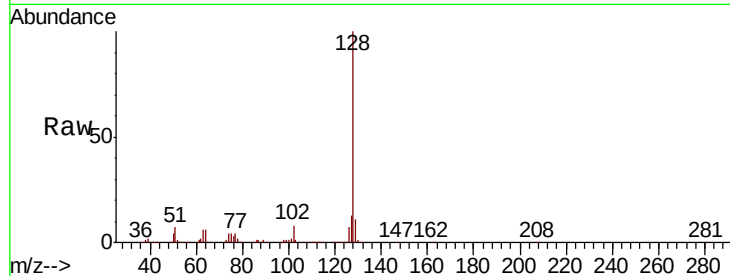
#95
Naphthalene
Concen: 56.22 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:06:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.07 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003902.D
Acq: 08 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.4
145	29.9	14.9	44.7

