

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003847.D
 Acq On : 03 Aug 2018 14:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 10:47:26 AM

Quant Time: Aug 03 16:42:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	139116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	120488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	60509	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.51	113	52525	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.72	98	188858	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
62) 4-Bromofluorobenzene	11.14	95	68432	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61752	64.71	ug/l	100
3) Chloromethane	1.32	50	61994	44.11	ug/l	99
4) Vinyl Chloride	1.40	62	40237	31.68	ug/l	100
5) Bromomethane	1.64	94	23886	45.63	ug/l	98
6) Chloroethane	1.71	64	23865	33.43	ug/l	96
7) Trichlorofluoromethane	1.92	101	65599	40.91	ug/l	99
8) Diethyl Ether	2.19	74	32582	45.23	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50306	50.09	ug/l	98
10) Methyl Iodide	2.51	142	71838	50.68	ug/l	99
11) Tert butyl alcohol	3.07	59	61351	212.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46607	46.76	ug/l	97
13) Acrolein	2.29	56	46057	190.40	ug/l	98
14) Allyl chloride	2.72	41	86444	46.36	ug/l	98
15) Acrylonitrile	3.15	53	137283	199.85	ug/l	99
16) Acetone	2.45	43	121610	173.40	ug/l	99
17) Carbon Disulfide	2.57	76	129271	45.91	ug/l	100
18) Methyl Acetate	2.78	43	86432	60.62	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	155728	44.19	ug/l	99
20) Methylene Chloride	2.85	84	52186	42.30	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49735	44.73	ug/l	90
22) Diisopropyl ether	3.87	45	167943	46.47	ug/l	94
23) Vinyl Acetate	3.82	43	634915	211.43	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90202	44.65	ug/l	99
25) 2-Butanone	4.70	43	220622	185.14	ug/l	92
26) 2,2-Dichloropropane	4.59	77	83961	61.71	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64340	50.39	ug/l	96
28) Bromochloromethane	5.03	49	46956	48.74	ug/l	100
29) Tetrahydrofuran	5.15	42	138762	227.78	ug/l	99
30) Chloroform	5.21	83	99664	47.22	ug/l	85
31) Cyclohexane	5.57	56	97293	57.44	ug/l	84
32) 1,1,1-Trichloroethane	5.49	97	84761	48.84	ug/l	98
36) 1,1-Dichloropropene	5.79	75	79278	53.54	ug/l	99
37) Ethyl Acetate	4.87	43	76188	43.97	ug/l	99
38) Carbon Tetrachloride	5.78	117	78862	53.66	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88412	54.16	ug/l	96
40) Benzene	6.15	78	221388	47.80	ug/l	99
41) Methacrylonitrile	5.06	41	45175	48.18	ug/l	96
42) 1,2-Dichloroethane	6.20	62	71576	46.03	ug/l	99
43) Isopropyl Acetate	6.46	43	122593	47.08	ug/l	98
44) Trichloroethene	7.21	130	61337	49.34	ug/l	100
45) 1,2-Dichloropropane	7.52	63	56101	46.64	ug/l	97
46) Dibromomethane	7.67	93	35428	45.64	ug/l	99
47) Bromodichloromethane	7.90	83	68797	47.24	ug/l	97
48) Methyl methacrylate	7.78	41	60855	46.40	ug/l	99
49) 1,4-Dioxane	7.76	88	28209	908.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	385074	177.30	ug/l	99
52) Toluene	8.79	92	136884	48.19	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	80813	50.86	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	86942	50.25	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55479	45.89	ug/l	99
56) Ethyl methacrylate	9.18	69	82913	48.99	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90837	46.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226036	259.69	ug/l	98
59) 2-Hexanone	9.50	43	300766	180.74	ug/l	99
60) Dibromochloromethane	9.59	129	58293	49.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57985	46.69	ug/l	99
64) Tetrachloroethene	9.34	164	57536	52.75	ug/l	96
65) Chlorobenzene	10.14	112	155845	52.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	56640	54.17	ug/l	100
67) Ethyl Benzene	10.26	91	264516	55.71	ug/l	99
68) m/p-Xylenes	10.36	106	209178	112.71	ug/l	98
69) o-Xylene	10.70	106	101051	56.48	ug/l	97
70) Styrene	10.71	104	167045	56.21	ug/l	100
71) Bromoform	10.86	173	47726	55.03	ug/l #	100
73) Isopropylbenzene	11.02	105	272412	55.23	ug/l	100
74) N-amyl acetate	6.46	43	122593	50.12	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	85676	47.66	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75777m	48.88	ug/l	
77) Bromobenzene	11.26	156	74128	52.68	ug/l	99
78) n-propylbenzene	11.36	91	312903	56.07	ug/l	100
79) 2-Chlorotoluene	11.42	91	180854	52.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231295	55.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	27360	55.62	ug/l	97
82) 4-Chlorotoluene	11.51	91	216110	54.14	ug/l	100
83) tert-Butylbenzene	11.77	119	232915	55.96	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	239072	55.86	ug/l	100
85) sec-Butylbenzene	11.95	105	276259	57.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	253774	58.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	138549	52.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	140547	51.97	ug/l	100
89) n-Butylbenzene	12.39	91	221341	59.29	ug/l	99
90) Hexachloroethane	12.60	117	38912	55.16	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	138606	51.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19356	48.72	ug/l	97

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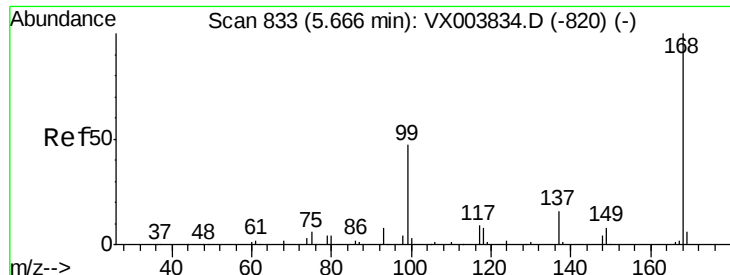
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108921	57.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	51688	57.82	ug/l	99
95) Naphthalene	13.83	128	310987	56.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108441	55.04	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 101072

Ion Ratio Lower Upper

168 100

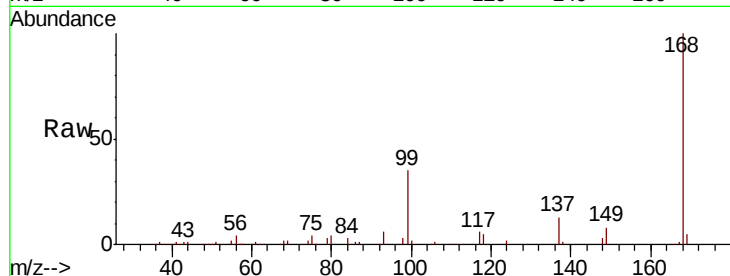
99 35.2 38.1 57.1#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

0

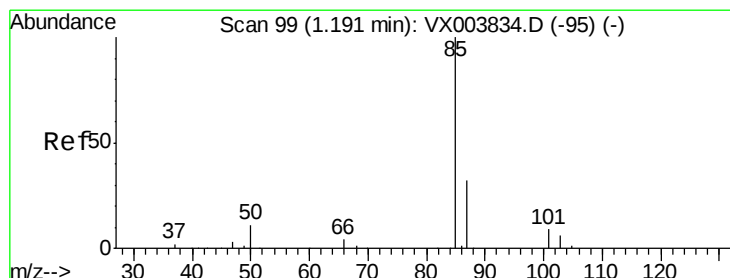
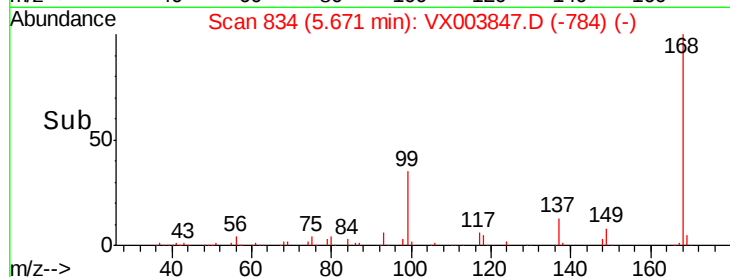
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 64.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003847.D

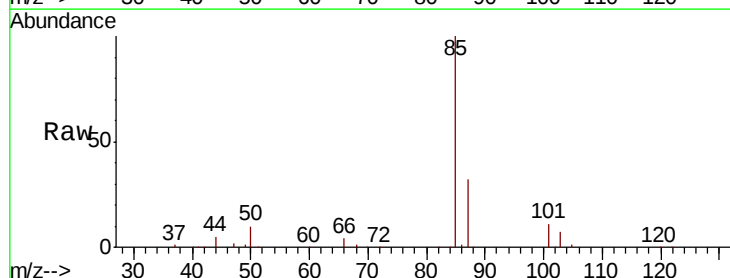
Acq: 03 Aug 2018 14:08

Tgt Ion: 85 Resp: 61752

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

20000

10000

0

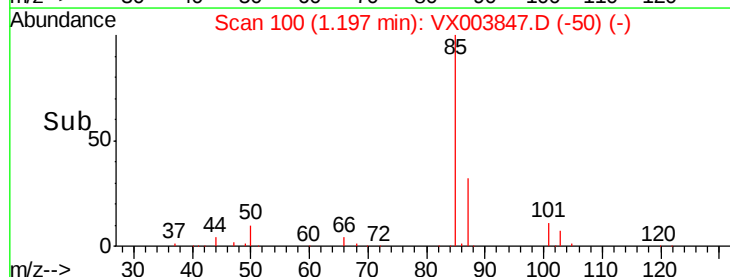
Time-->

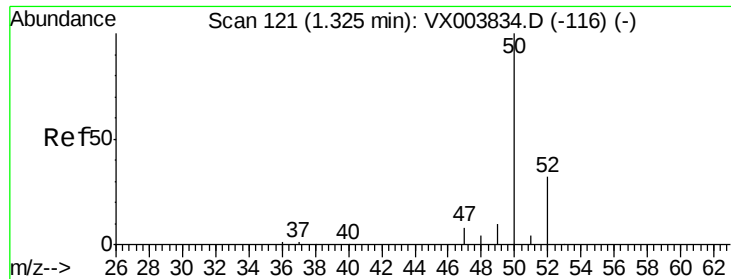
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 44.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 61994

Ion Ratio Lower Upper

50 100

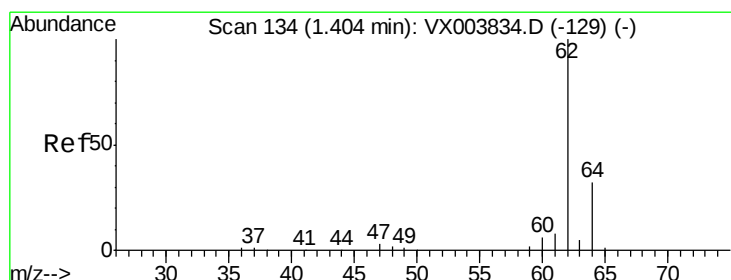
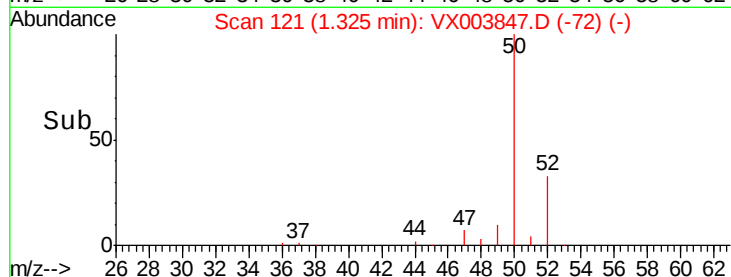
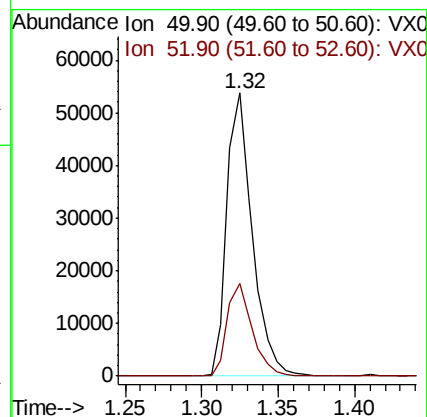
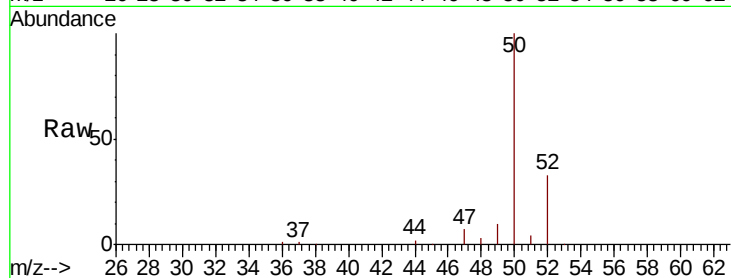
52 32.8 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 31.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003847.D

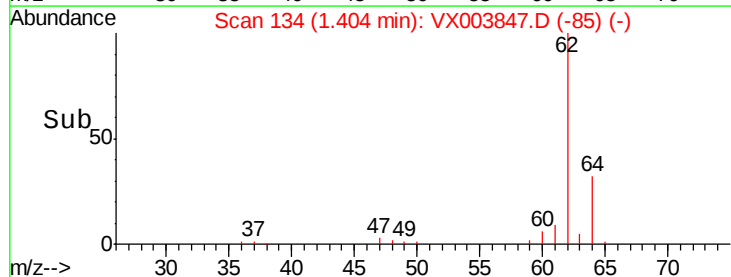
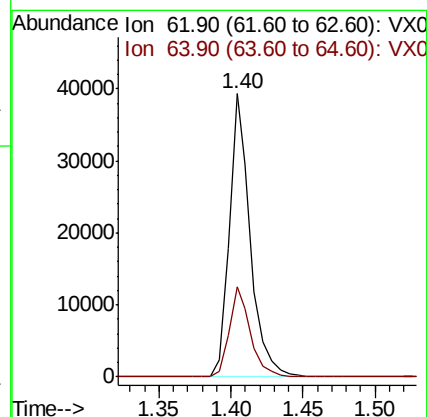
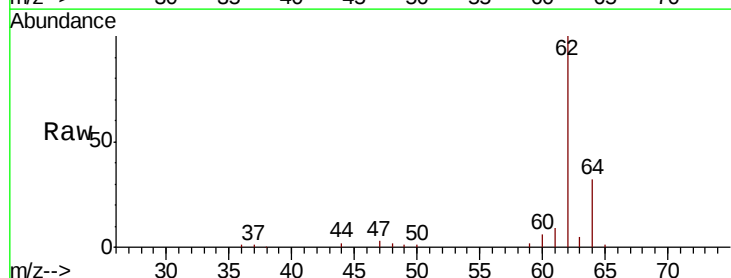
Acq: 03 Aug 2018 14:08

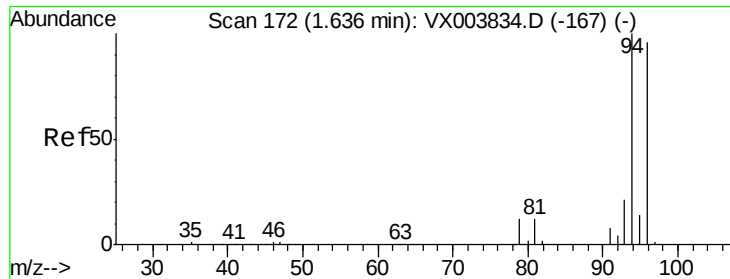
Tgt Ion: 62 Resp: 40237

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 45.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 23886

Ion Ratio Lower Upper

94 100

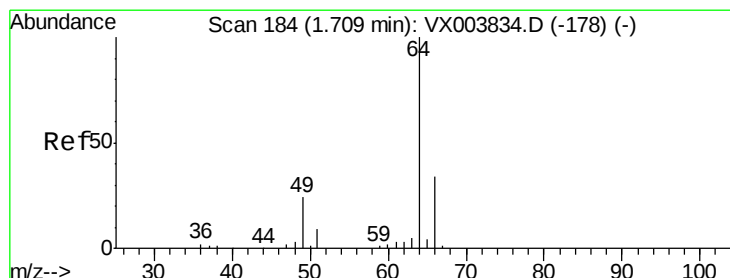
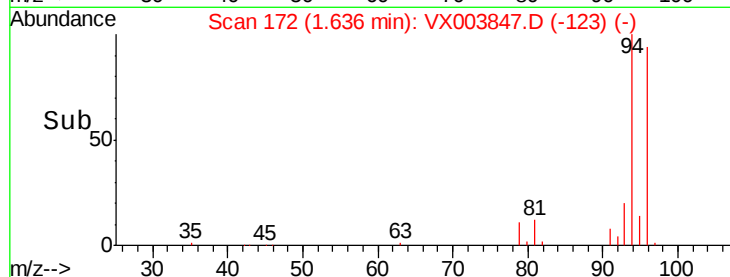
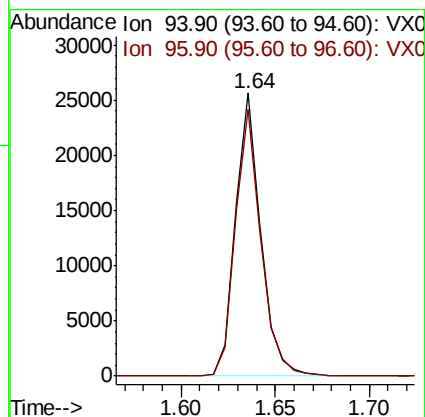
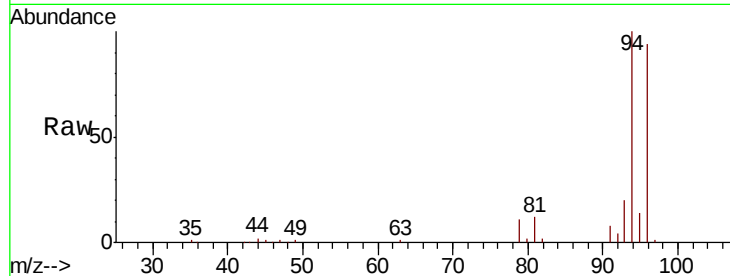
96 94.2 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 33.43 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003847.D

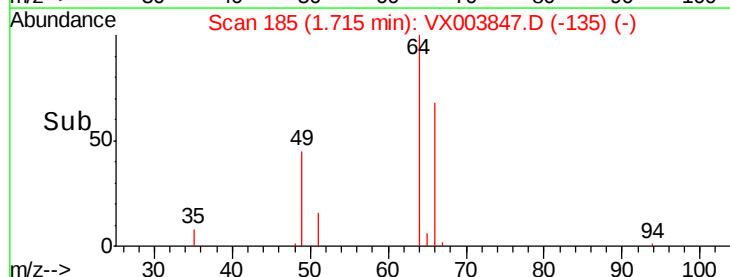
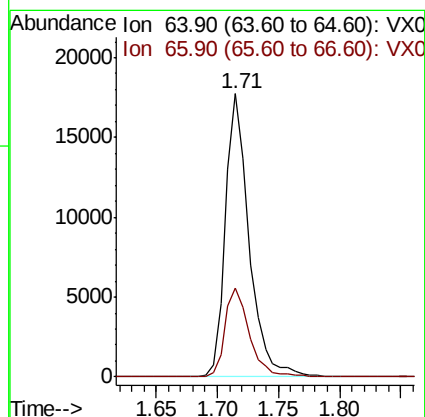
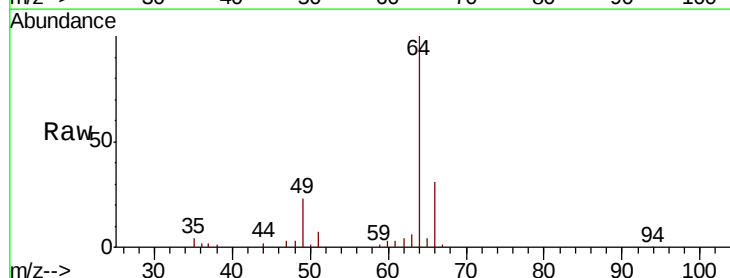
Acq: 03 Aug 2018 14:08

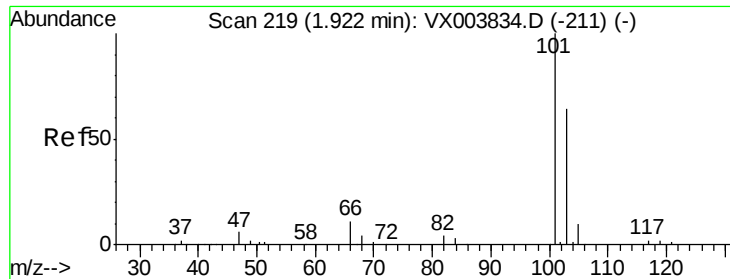
Tgt Ion: 64 Resp: 23865

Ion Ratio Lower Upper

64 100

66 31.5 27.2 40.8





#7

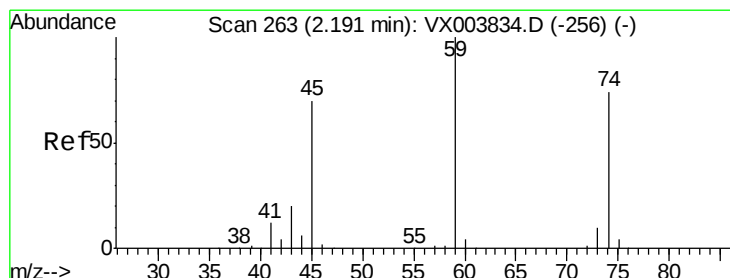
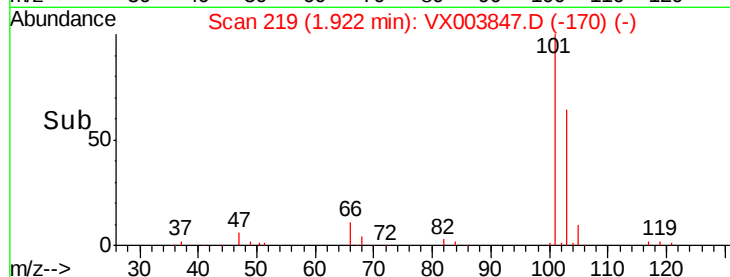
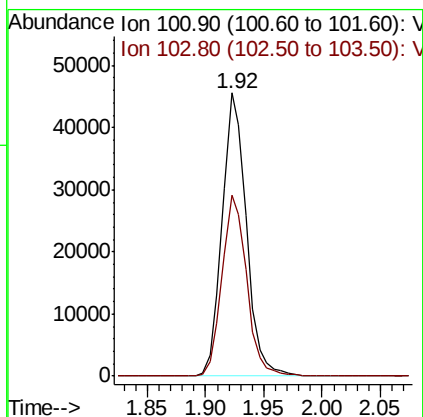
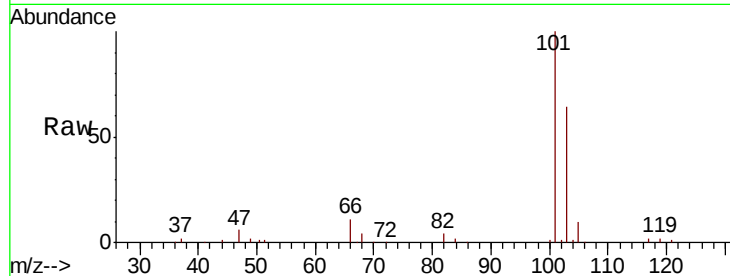
Trichlorofluoromethane
 Concen: 40.91 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 65599
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0

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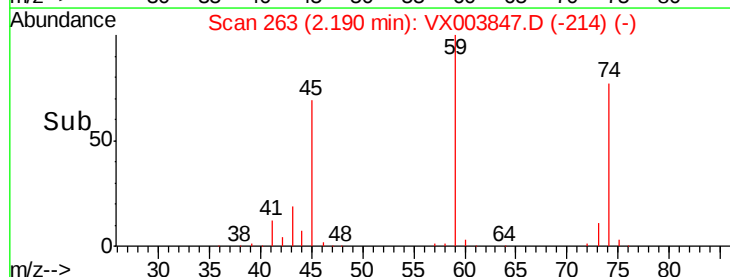
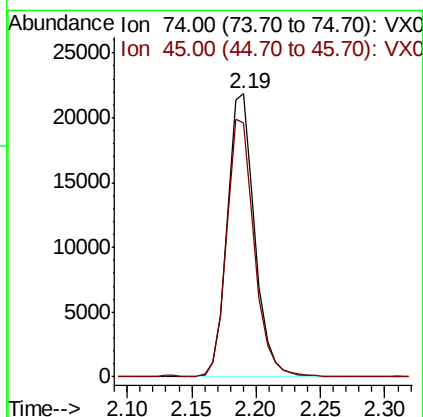
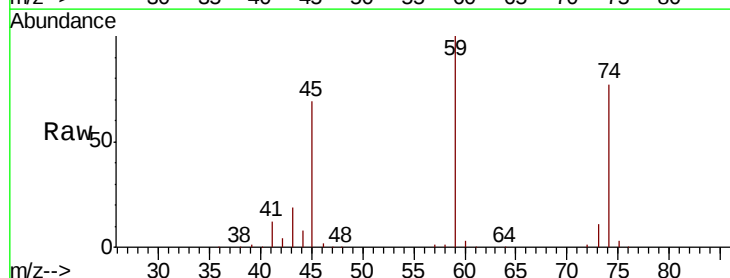
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 8/6/2018 10:47:26 AM

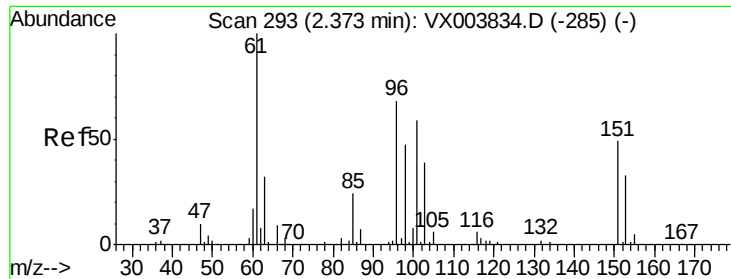


#8

Diethyl Ether
 Concen: 45.23 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion: 74 Resp: 32582
 Ion Ratio Lower Upper
 74 100
 45 92.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.09 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

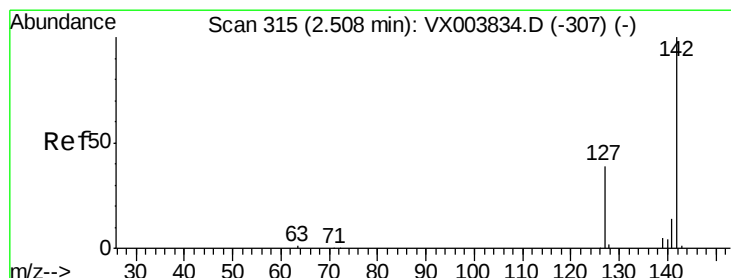
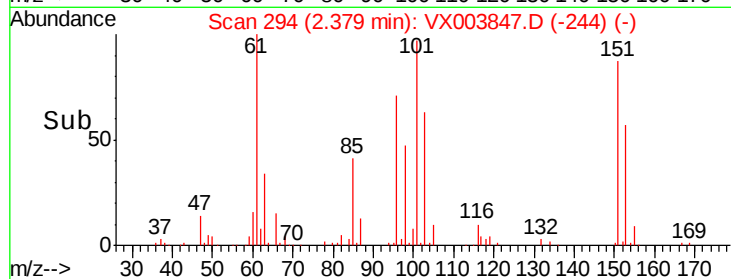
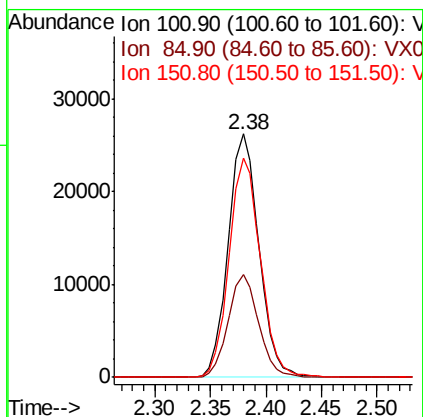
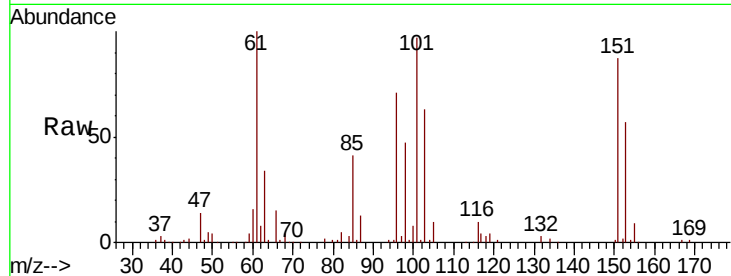
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	50306
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.6	50.4
151	91.3	71.0	106.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.68 ug/l

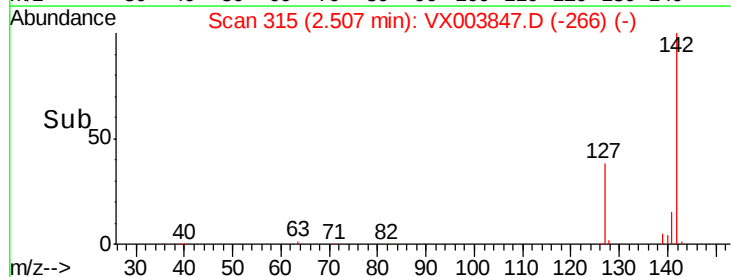
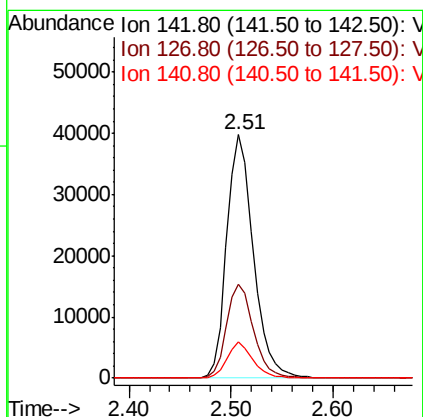
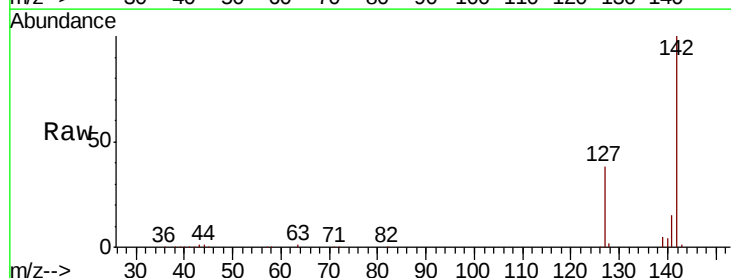
RT: 2.51 min Scan# 315

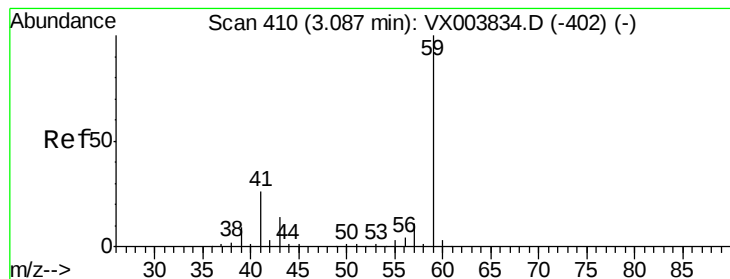
Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	142	Resp:	71838
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.8	47.8
141	14.1	11.3	16.9





#11

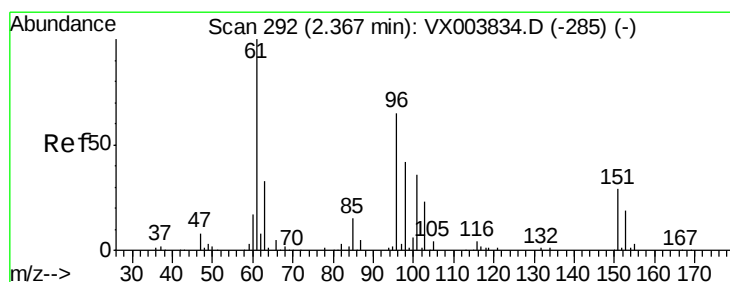
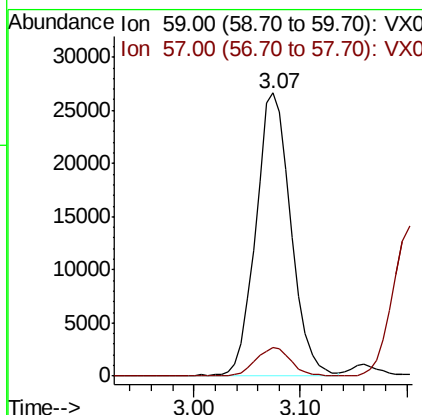
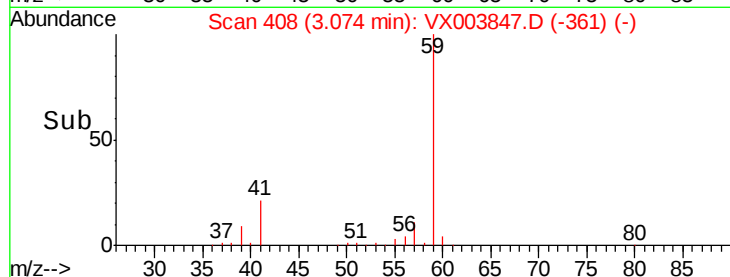
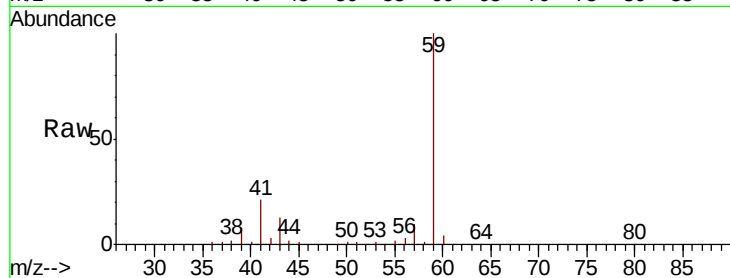
Tert butyl alcohol
 Concen: 212.54 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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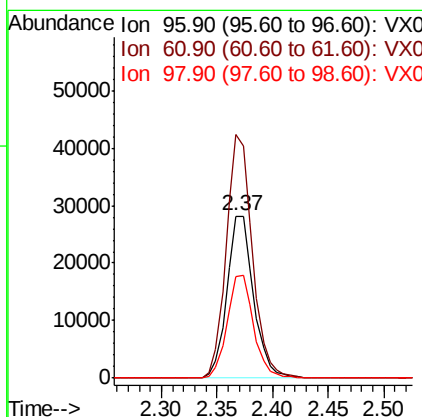
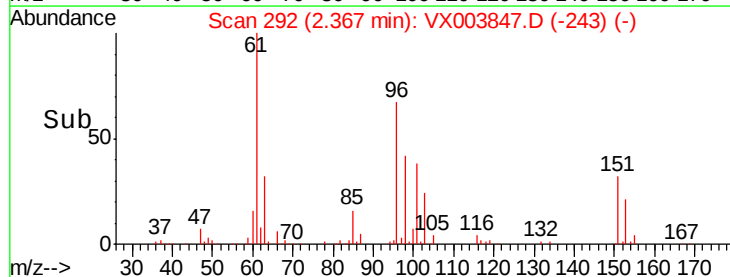
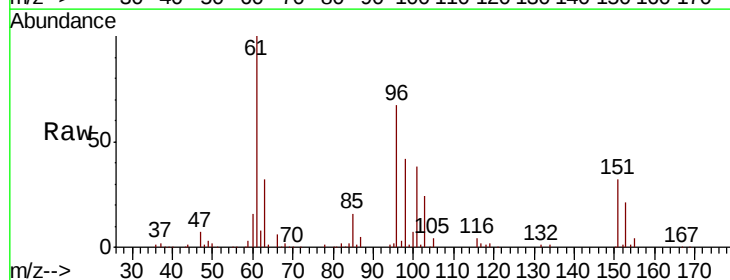
MMDadoda
 8/6/2018 10:47:26 AM

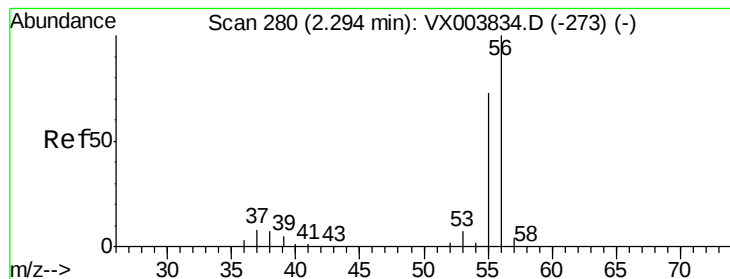


#12

1,1-Dichloroethene
 Concen: 46.76 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	122.8	184.2
98	62.8	51.8	77.8





#13

Acrolein

Concen: 190.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46057

Ion Ratio Lower Upper

56 100

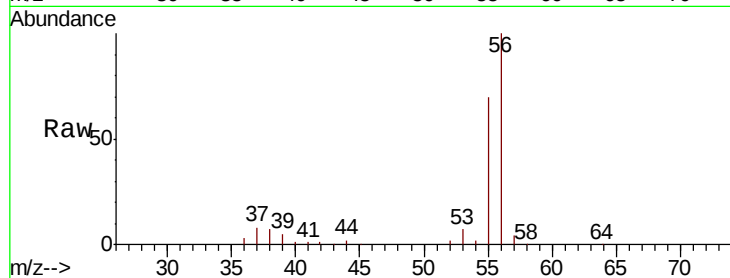
55 70.3 57.7 86.5

Manual Integrations

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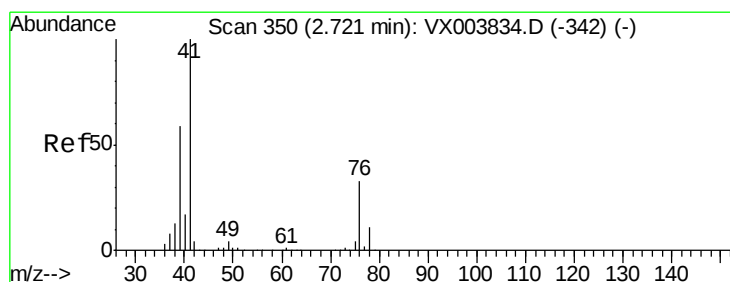
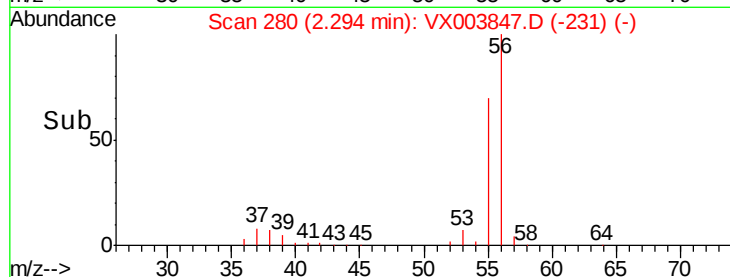
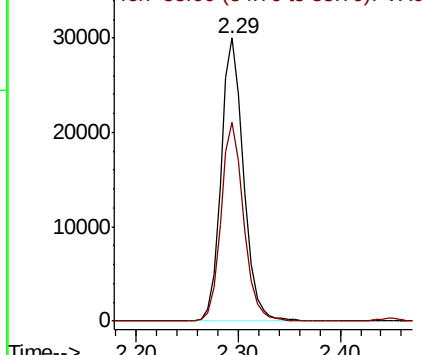
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.36 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

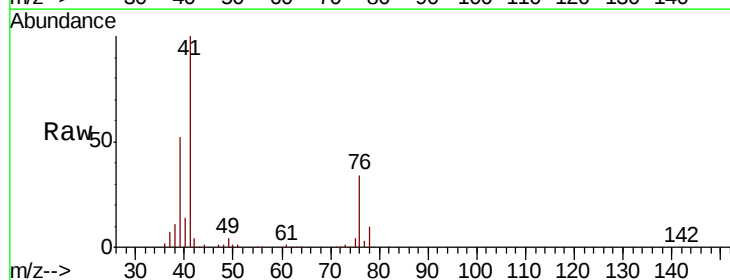
Tgt Ion: 41 Resp: 86444

Ion Ratio Lower Upper

41 100

39 55.4 46.1 69.1

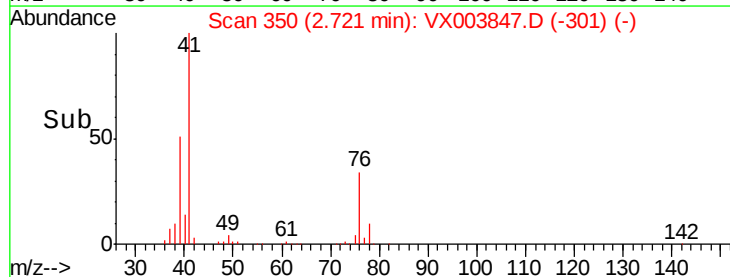
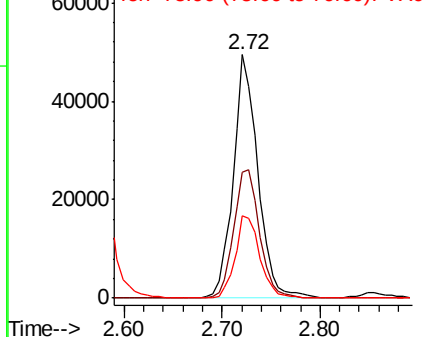
76 34.0 26.8 40.2

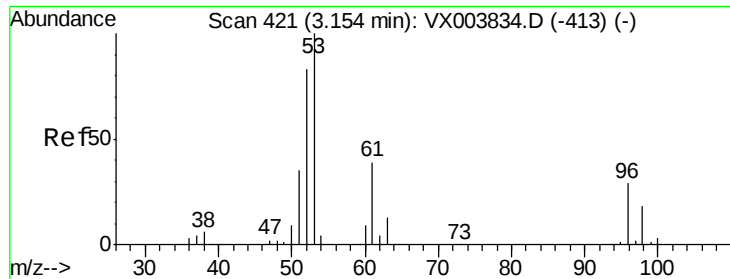


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 199.85 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

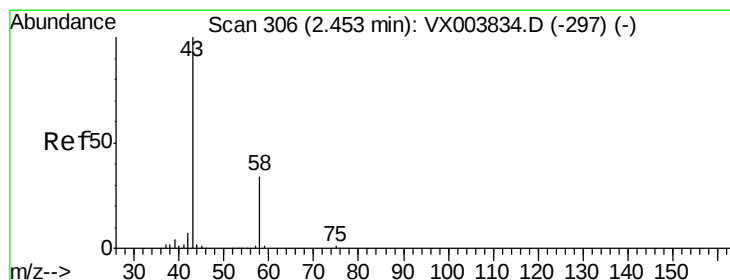
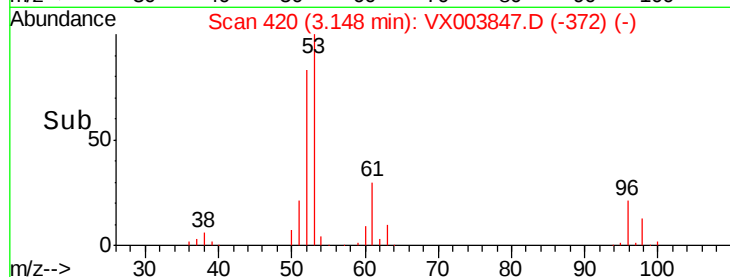
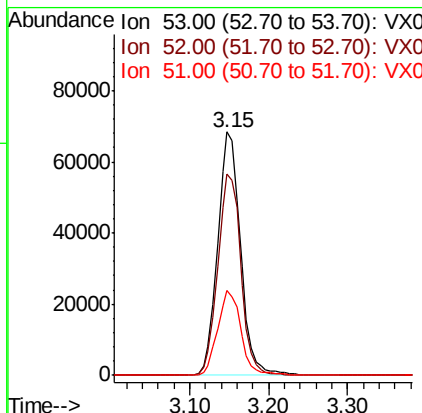
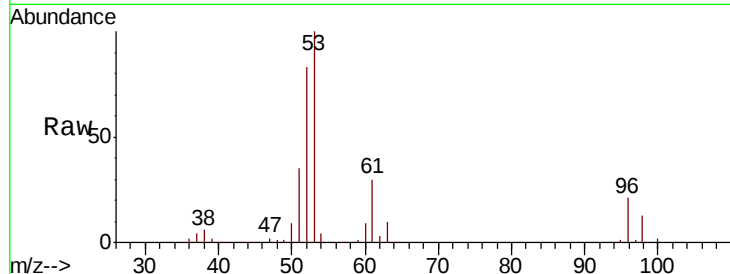
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137283
Ion Ratio	Lower	Upper	
53	100		
52	83.9	65.9	98.9
51	36.0	28.6	43.0

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#16

Acetone

Concen: 173.40 ug/l

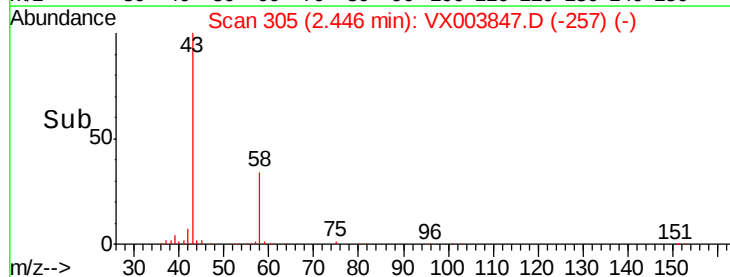
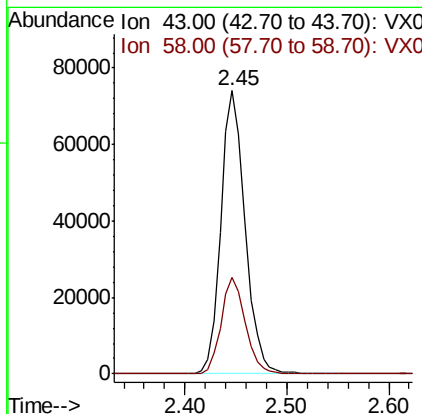
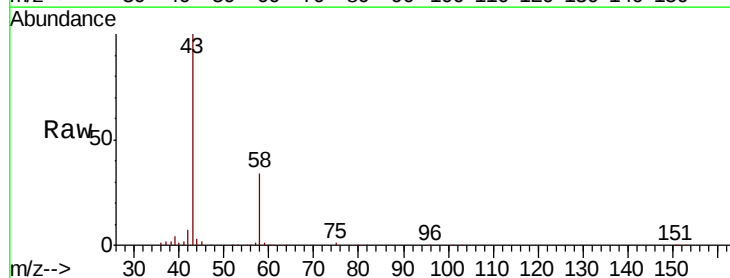
RT: 2.45 min Scan# 305

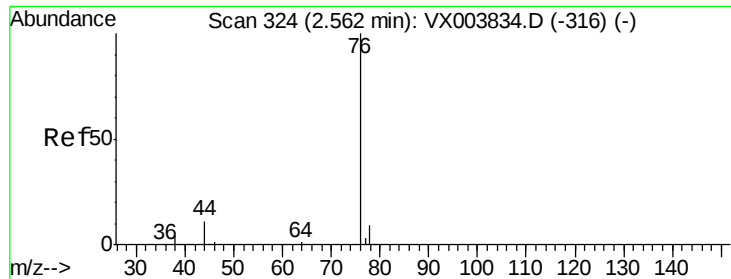
Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	43	Resp:	121610
Ion Ratio	Lower	Upper	
43	100		
58	34.1	27.0	40.4





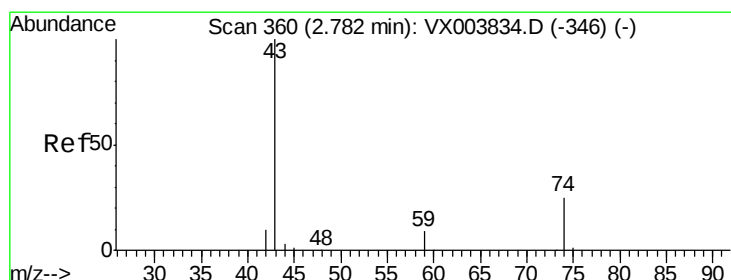
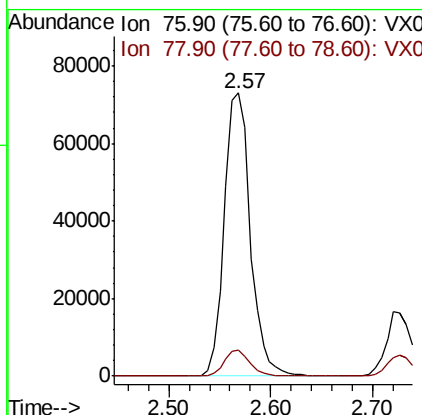
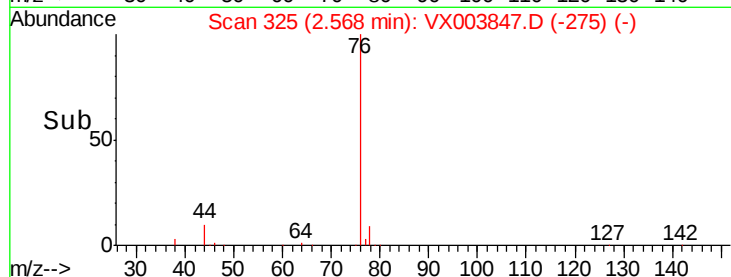
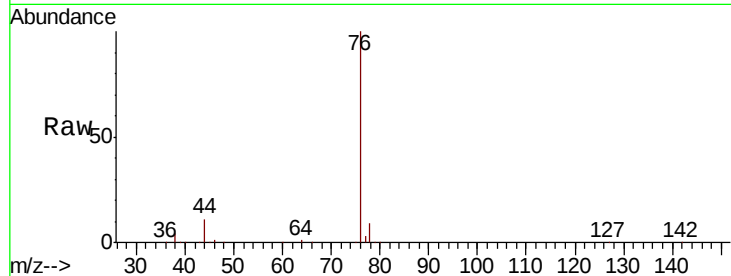
#17
Carbon Disulfide
Concen: 45.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

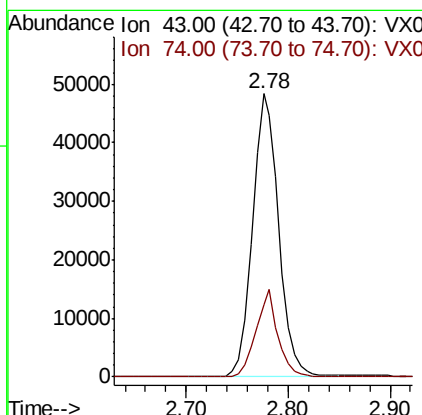
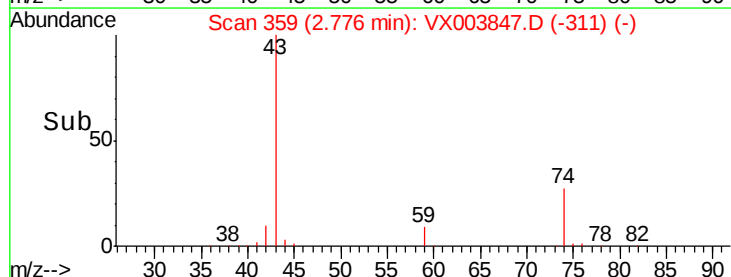
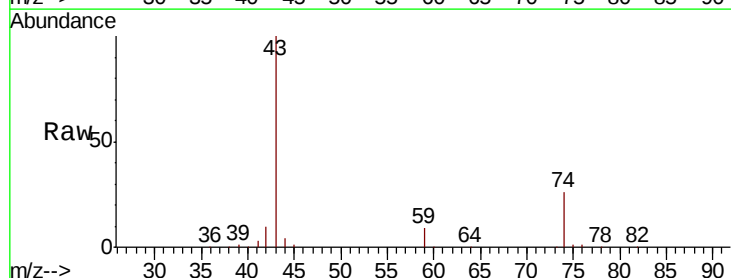
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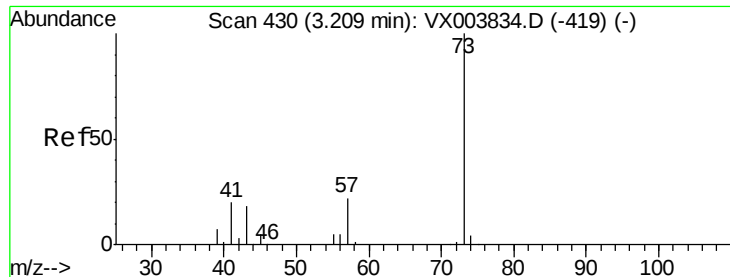
MMDadoda
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#18
Methyl Acetate
Concen: 60.62 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.2	28.8





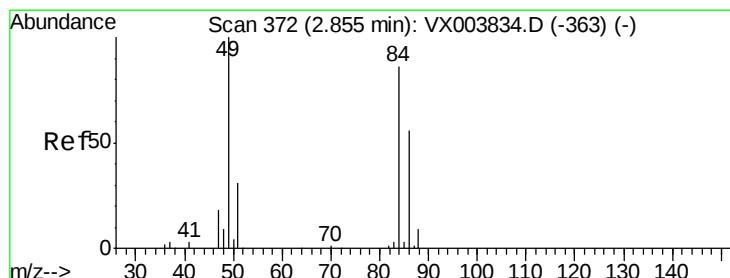
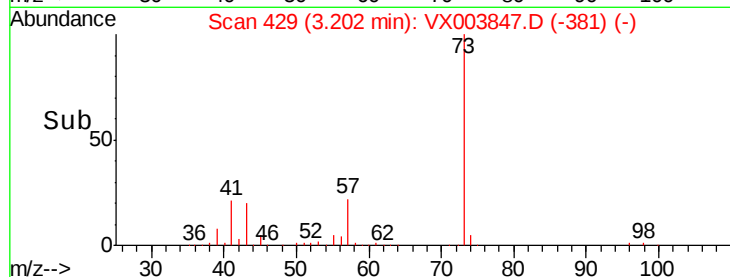
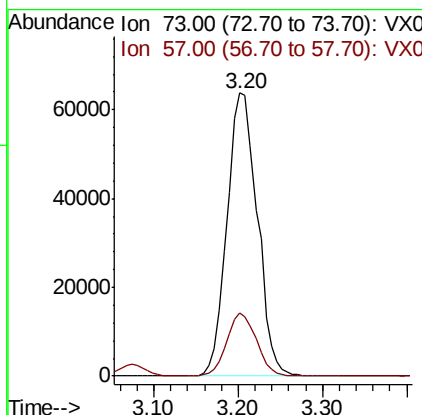
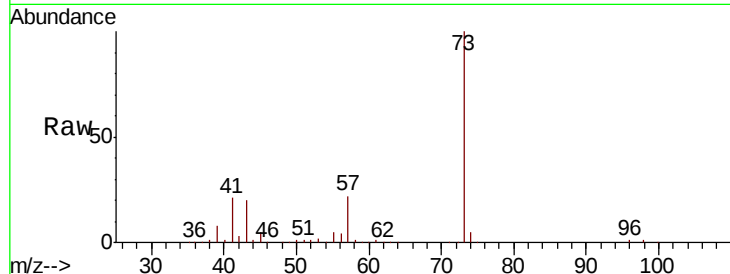
#19
Methvl tert-butvl Ether
Concen: 44.19 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.5	26.3

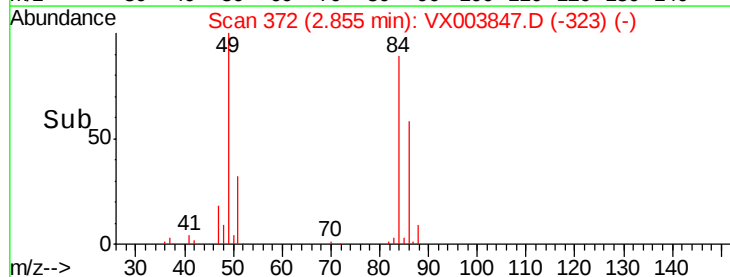
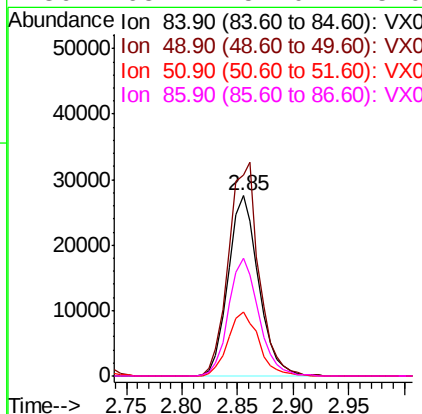
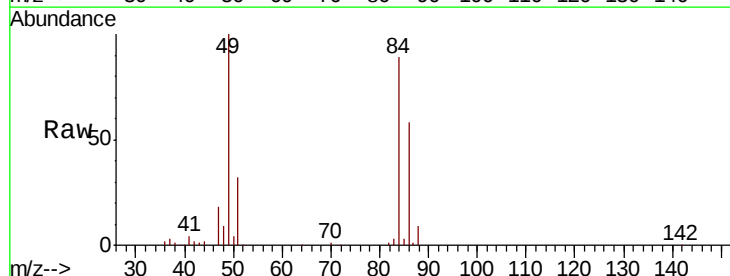
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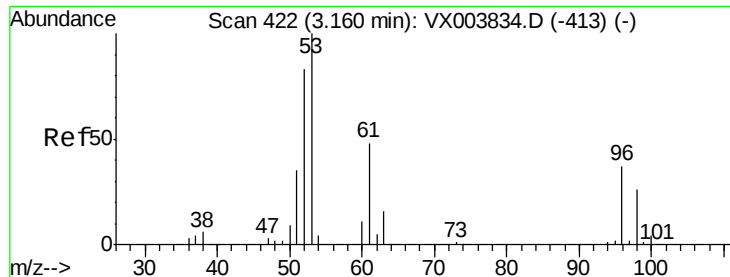
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#20
Methylene Chloride
Concen: 42.30 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	93.2	139.8
51	35.6	29.2	43.8
86	65.4	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 44.73 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

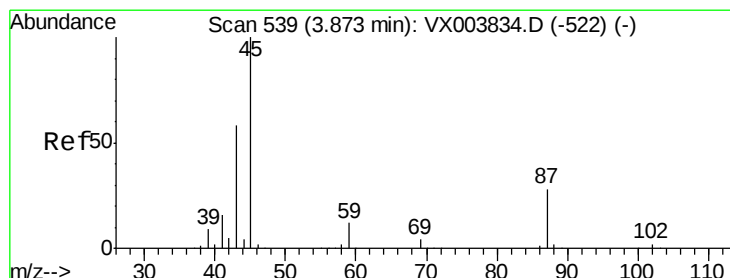
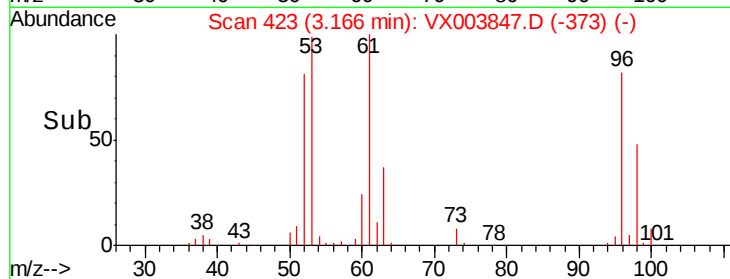
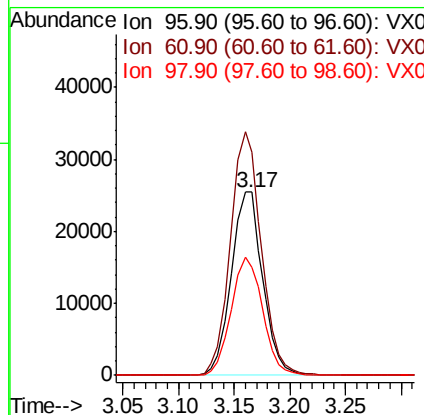
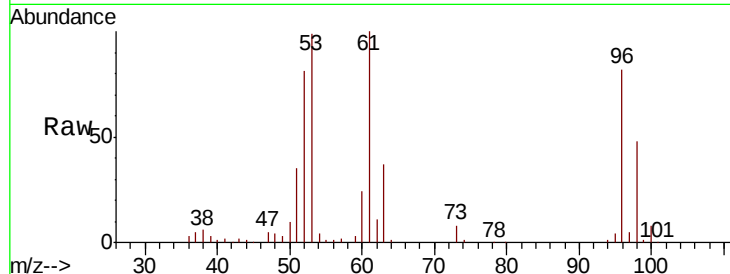
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	49735
Ion	Ratio	Lower	Upper
96	100		
61	121.8	104.2	156.4
98	59.0	57.0	85.6

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#22

Diisopropyl ether

Concen: 46.47 ug/l

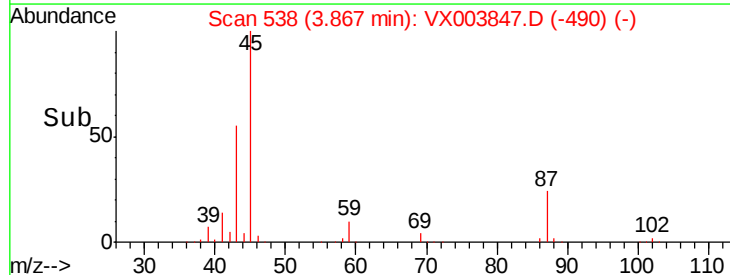
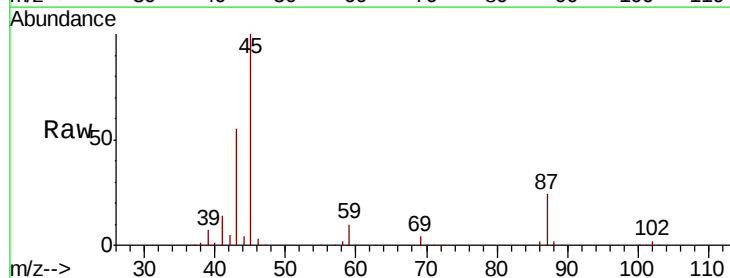
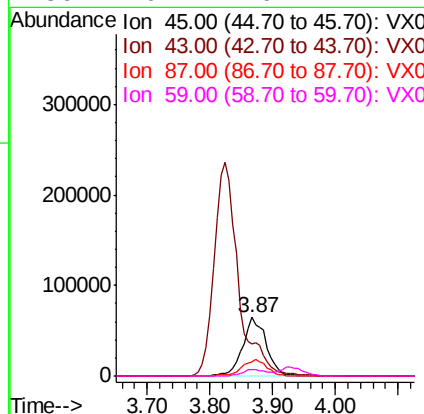
RT: 3.87 min Scan# 538

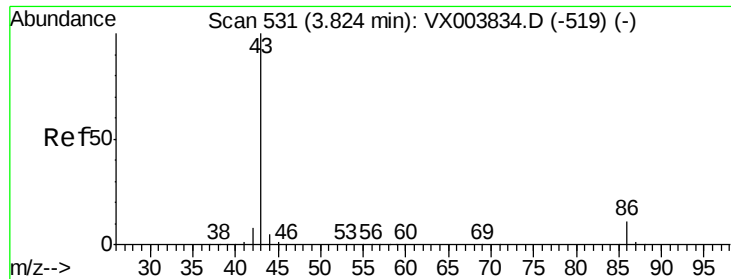
Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	45	Resp:	167943
Ion	Ratio	Lower	Upper
45	100		
43	54.3	46.4	69.6
87	24.0	22.4	33.6
59	10.2	9.4	14.2





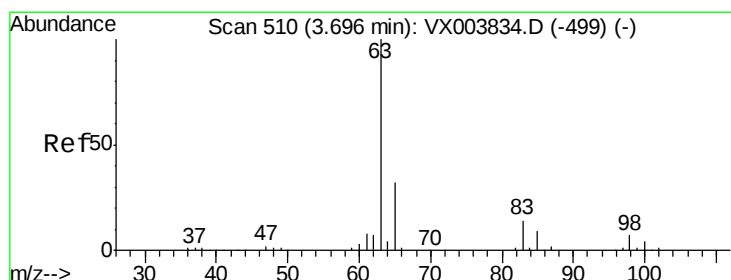
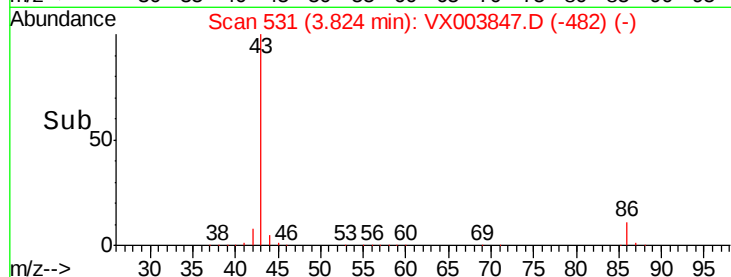
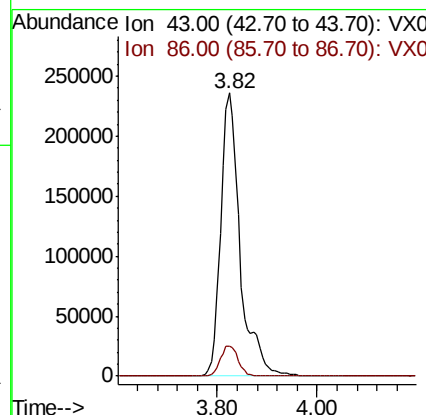
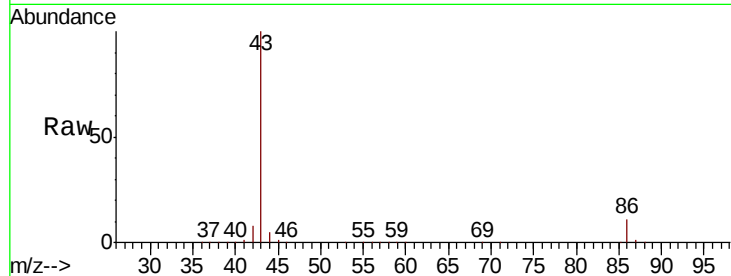
#23
 Vinyl Acetate
 Concen: 211.43 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	86	Resp	Lower	Upper
634915	100	10.7		8.8	13.2

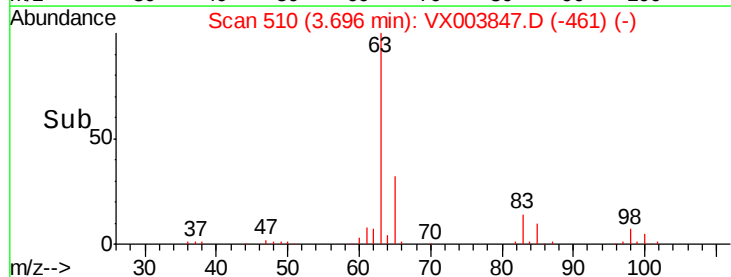
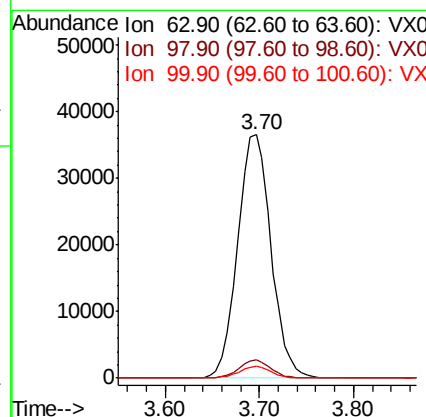
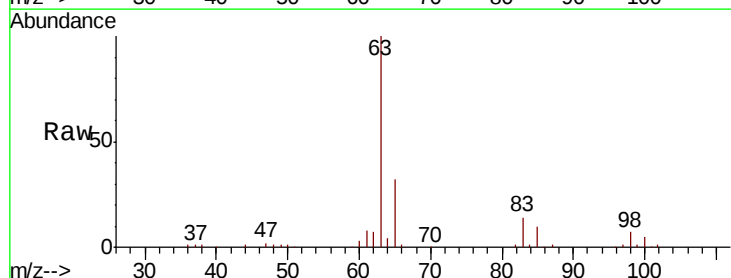
Manual Integrations
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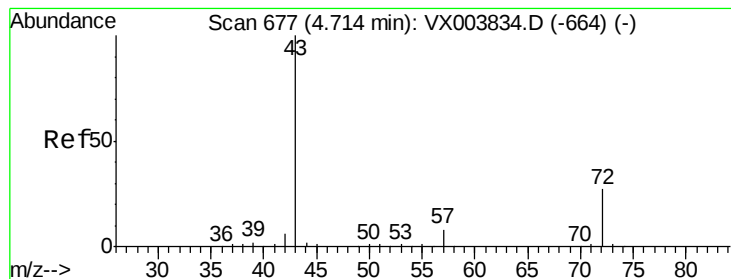
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#24
 1,1-Dichloroethane
 Concen: 44.65 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion	63	98	100	Resp	Lower	Upper
90202	100	7.3	4.7		3.3	9.9
					2.3	6.8





#25

2-Butanone

Concen: 185.14 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 220622

Ion Ratio Lower Upper

43 100

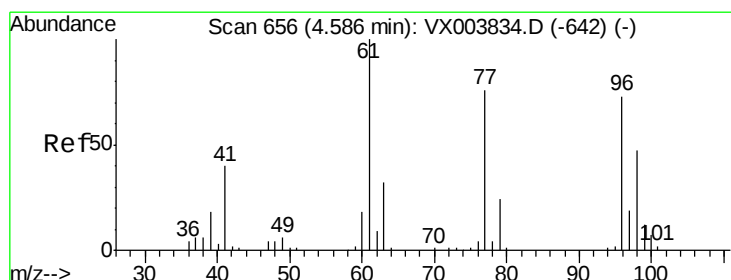
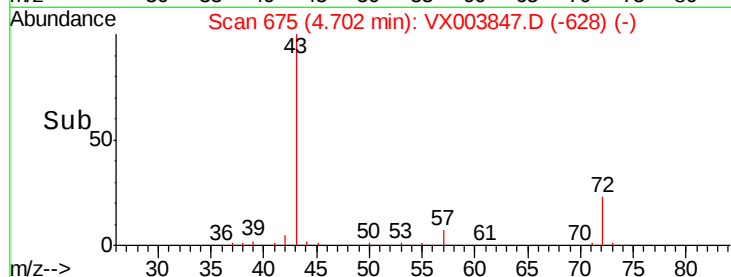
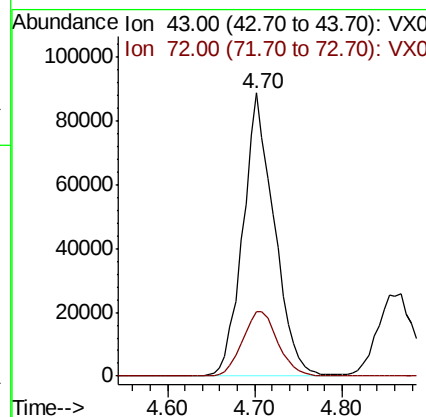
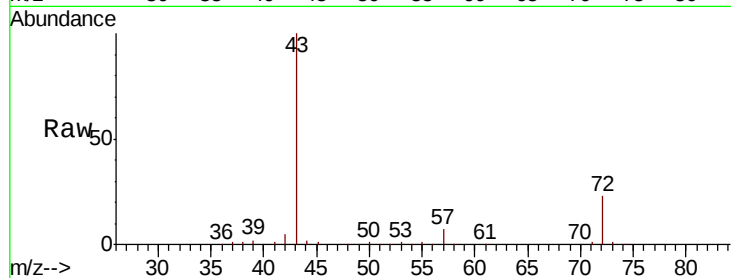
72 22.9 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 61.71 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003847.D

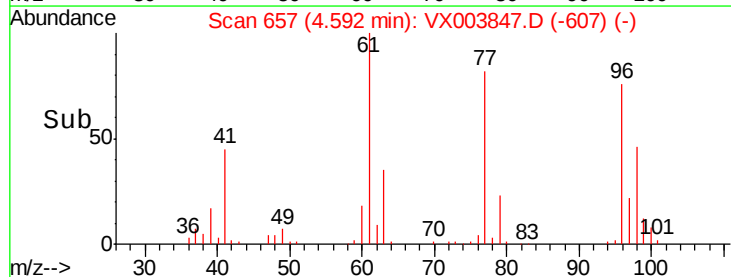
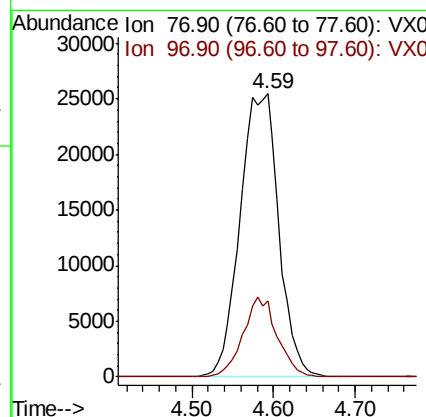
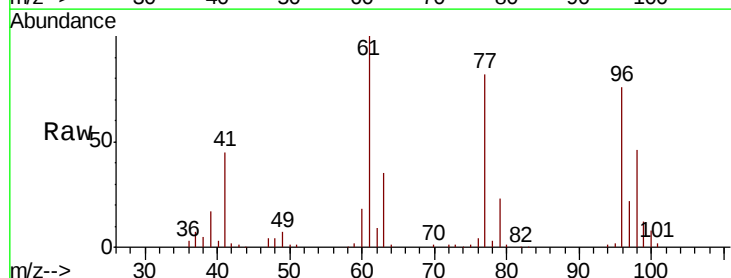
Acq: 03 Aug 2018 14:08

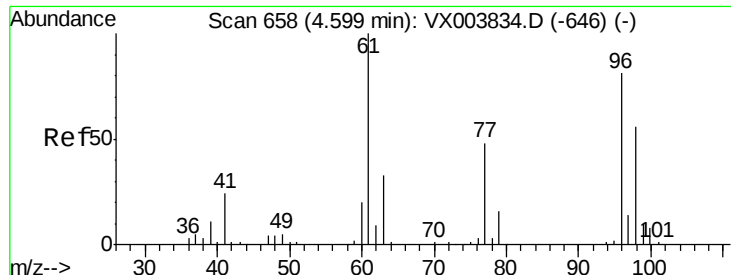
Tgt Ion: 77 Resp: 83961

Ion Ratio Lower Upper

77 100

97 24.8 12.8 38.3





#27

cis-1,2-Dichloroethene

Concen: 50.39 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

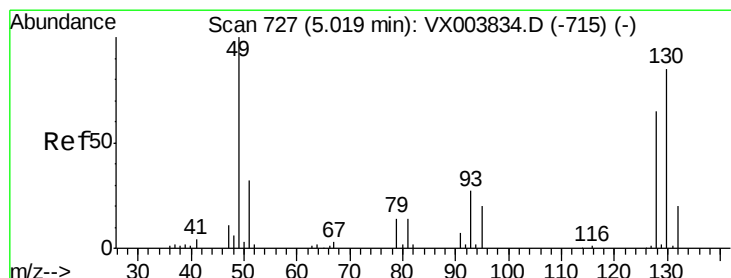
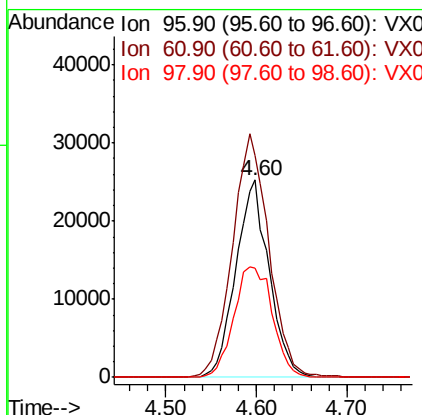
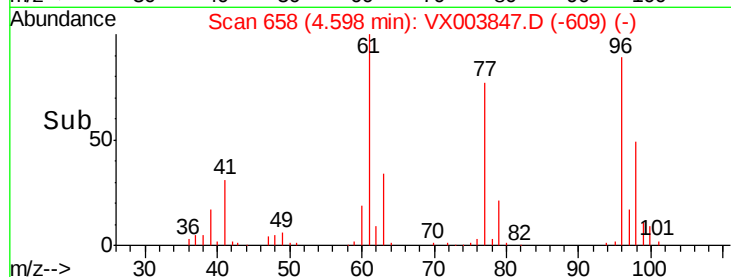
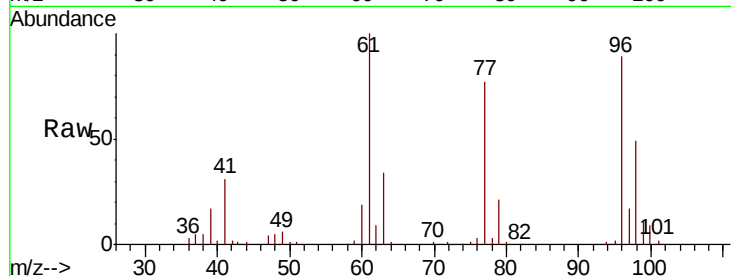
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	64340		
61	135.4	0.0	283.6	
98	64.6	0.0	130.0	

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#28

Bromochloromethane

Concen: 48.74 ug/l

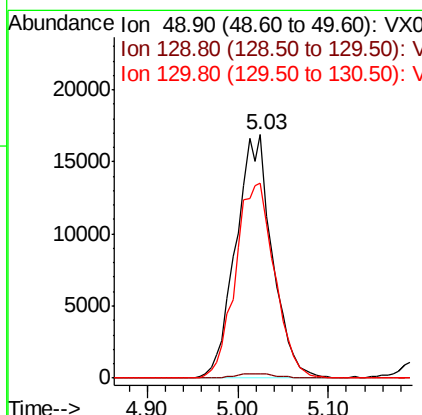
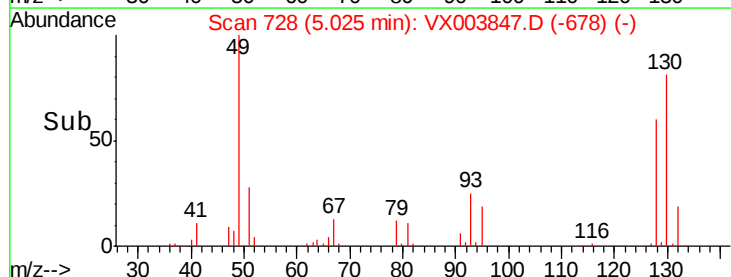
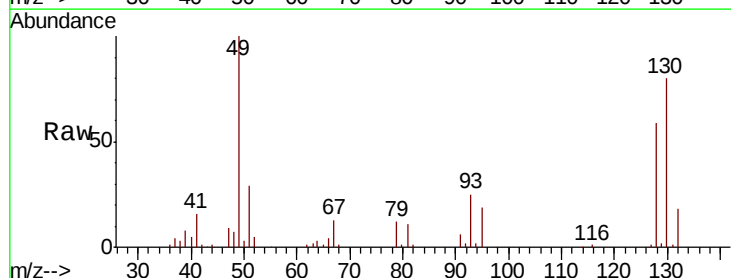
RT: 5.03 min Scan# 728

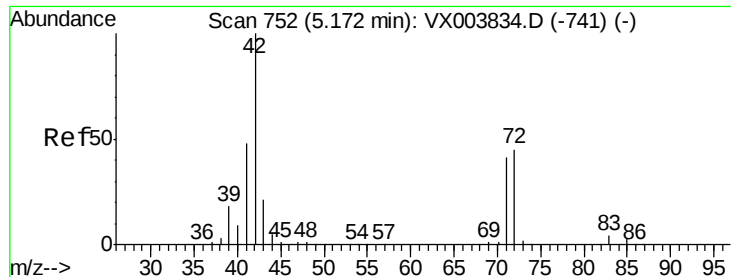
Delta R.T. 0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46956		
129	2.0	0.0	4.2	
130	86.0	68.9	103.3	





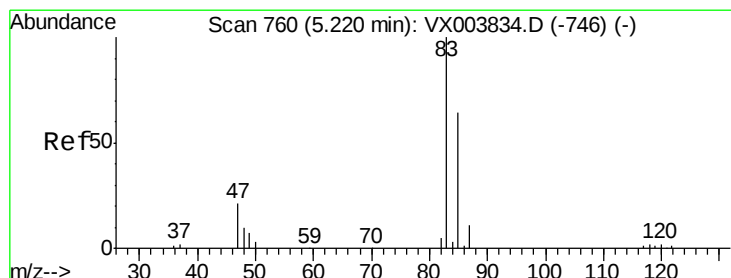
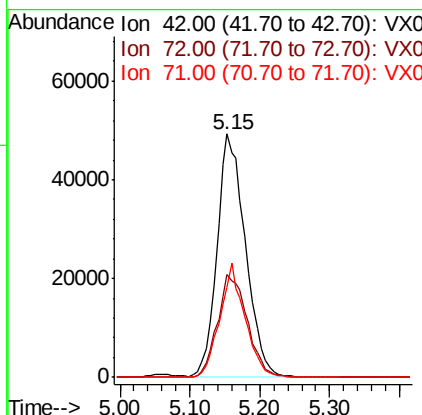
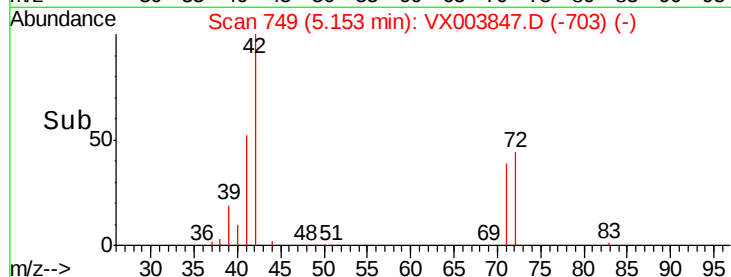
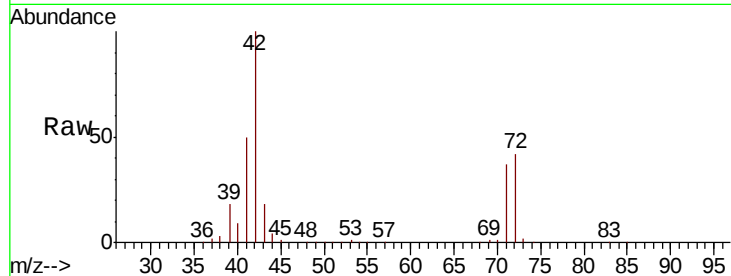
#29
Tetrahydrofuran
Concen: 227.78 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.02 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.1	54.1
71	41.5	33.6	50.4

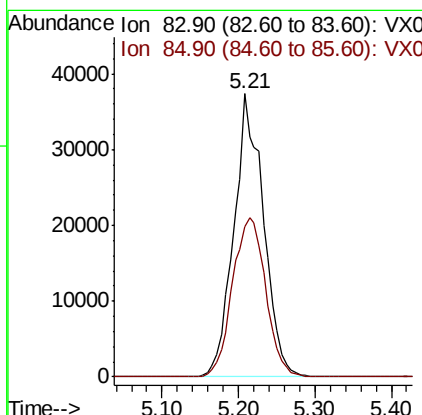
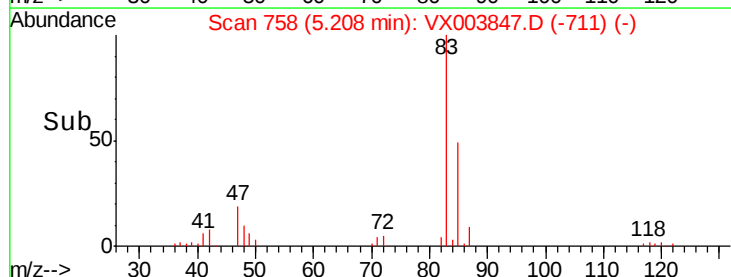
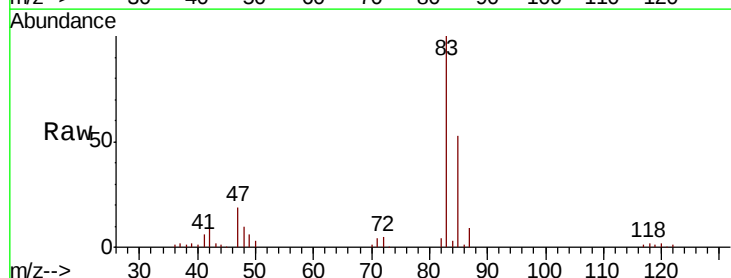
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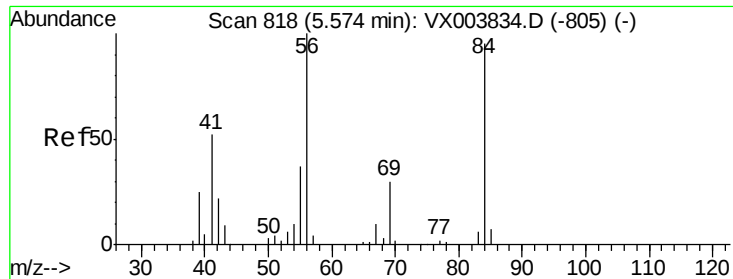
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#30
Chloroform
Concen: 47.22 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.0	51.5	77.3





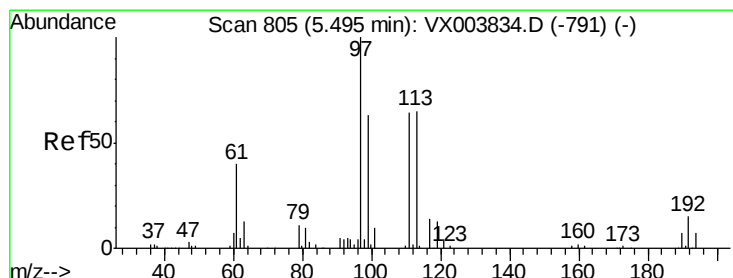
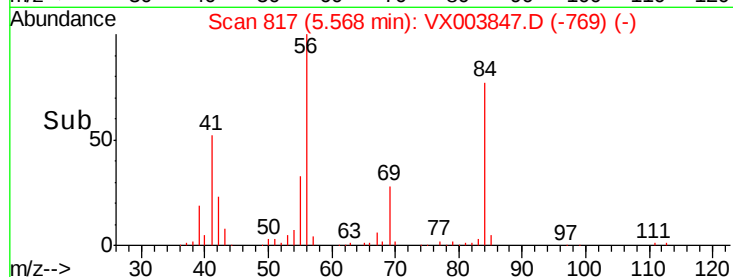
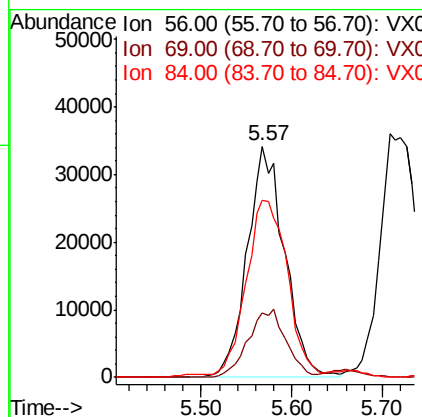
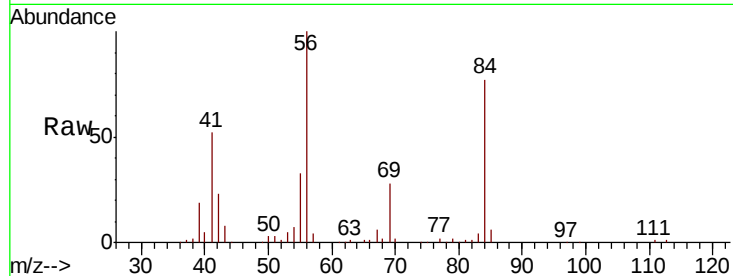
#31
Cyclohexane
Concen: 57.44 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	97293
Ion Ratio	Lower	Upper	
56	100		
69	27.9	23.7	35.5
84	75.8	75.7	113.5

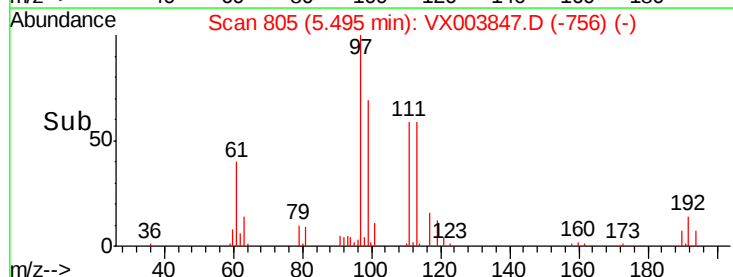
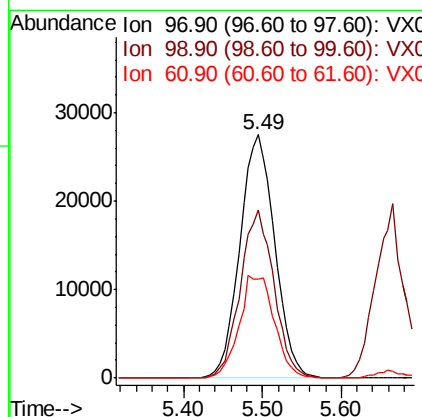
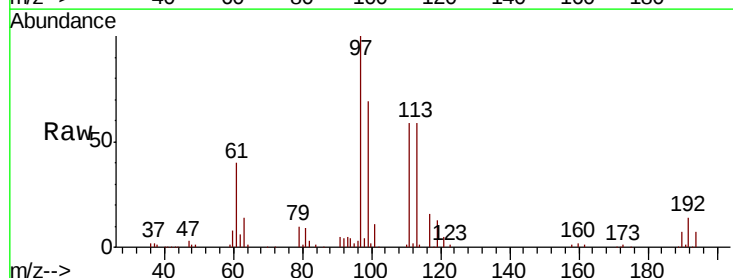
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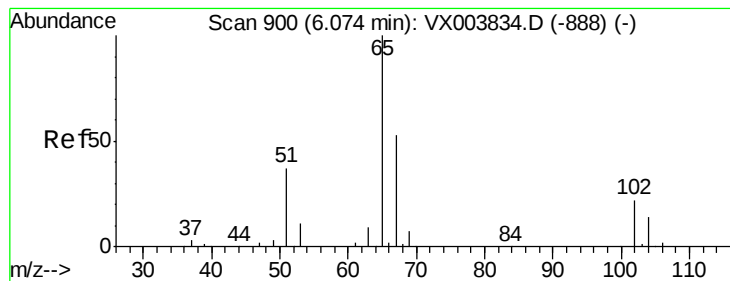
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#32
1,1,1-Trichloroethane
Concen: 48.84 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	97	Resp	84761
Ion Ratio	Lower	Upper	
97	100		
99	66.6	51.8	77.6
61	42.4	33.3	49.9





#33

1,2-Dichloroethane-d4

Concen: 45.39 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 60509

Ion Ratio Lower Upper

65 100

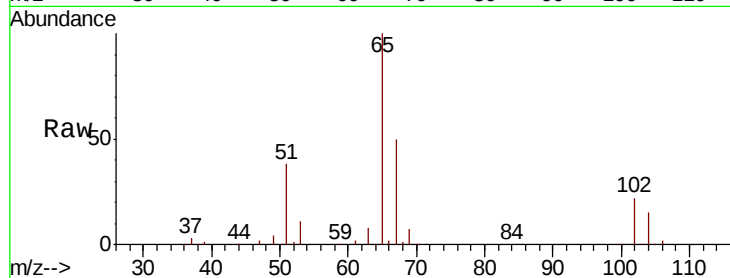
67 52.4 0.0 107.2

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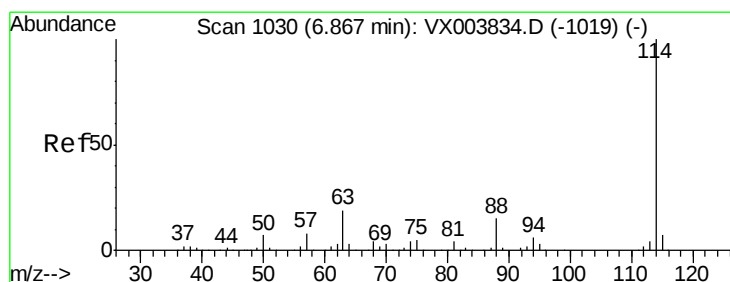
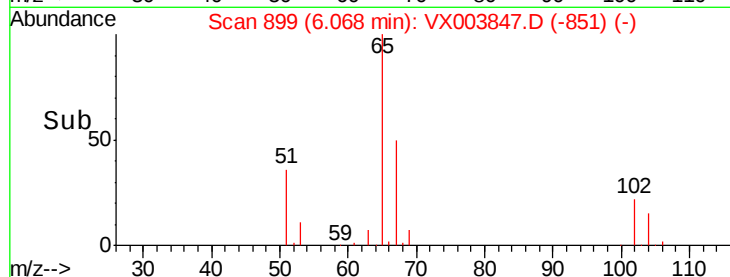
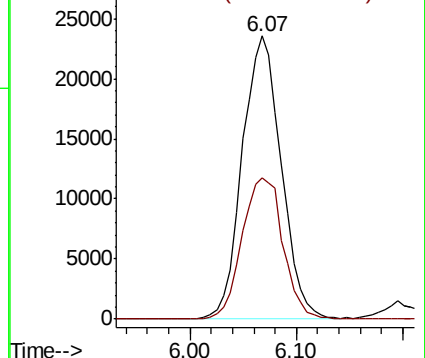
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

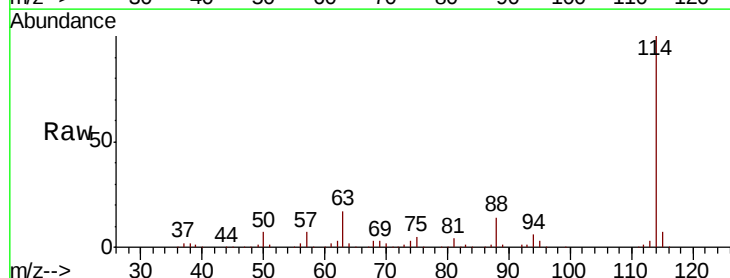
Tgt Ion: 114 Resp: 139116

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.2

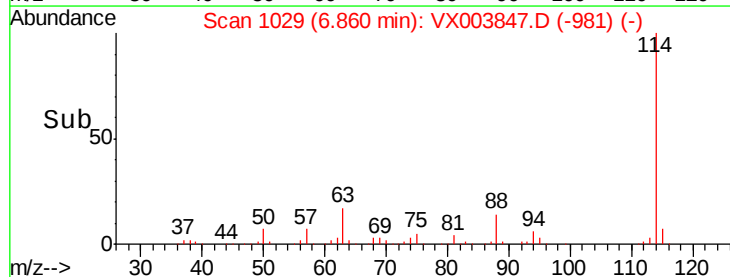
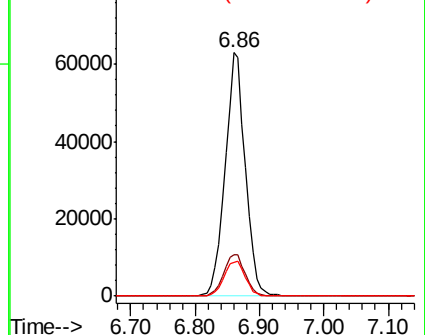
88 13.9 0.0 29.6

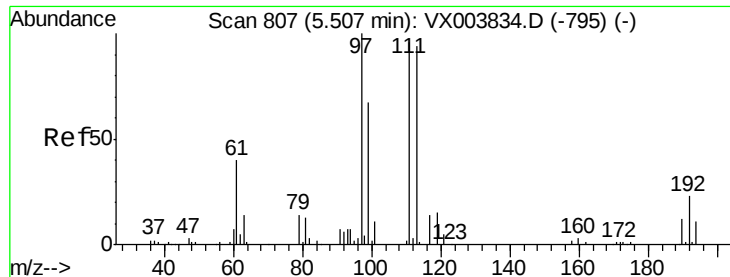


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

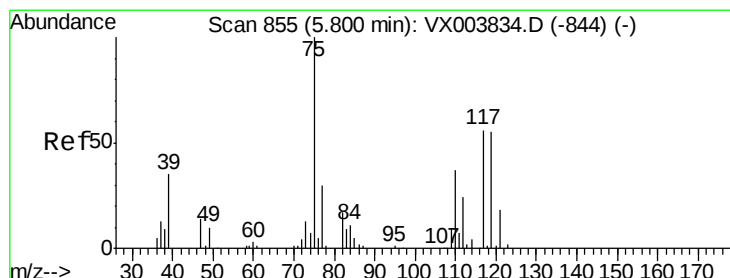
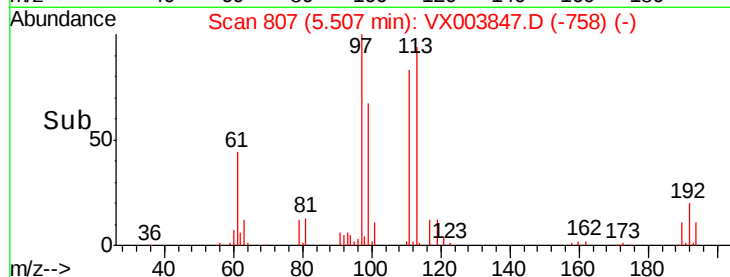
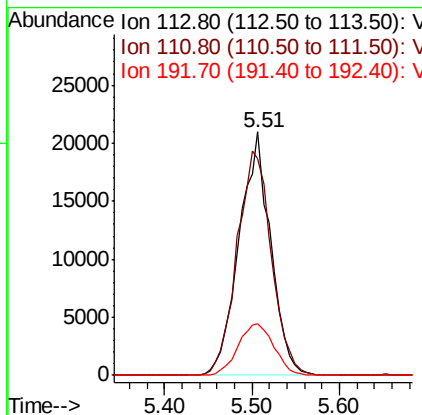
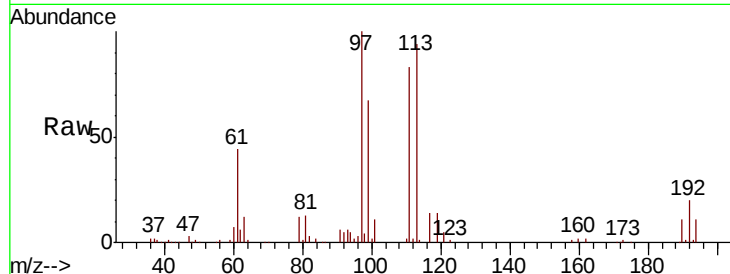
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	52525
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	23.9	19.7	29.5

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#36

1,1-Dichloropropene

Concen: 53.54 ug/l

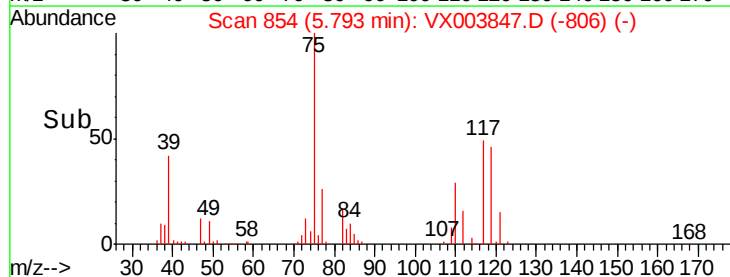
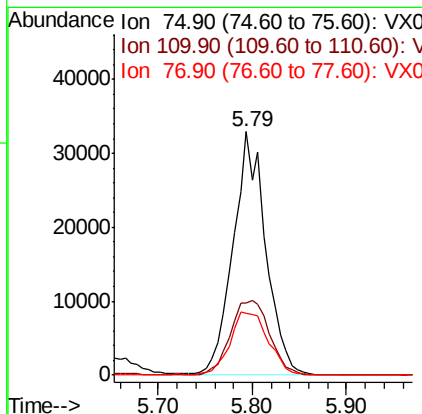
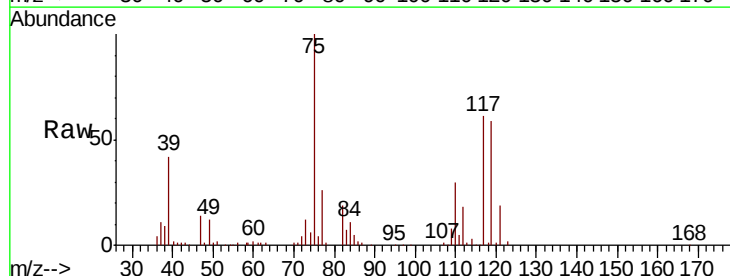
RT: 5.79 min Scan# 854

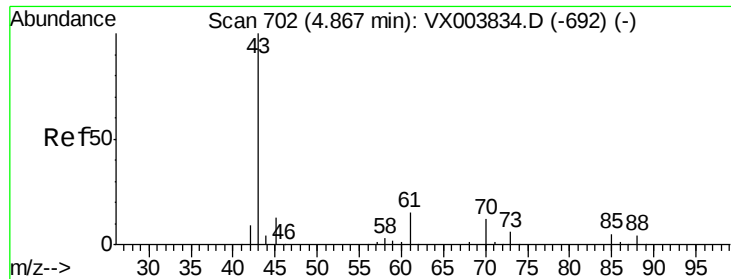
Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	75	Resp:	79278
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.8
77	30.4	24.9	37.3





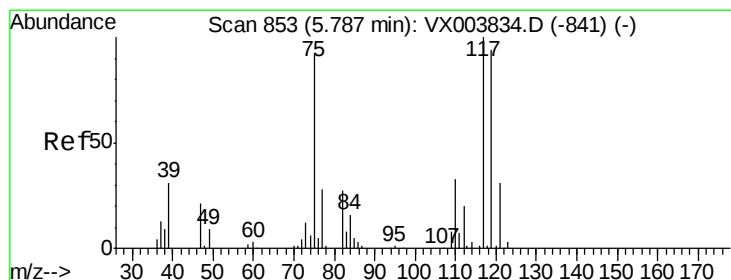
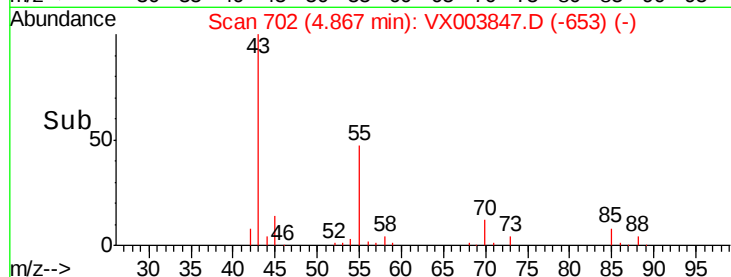
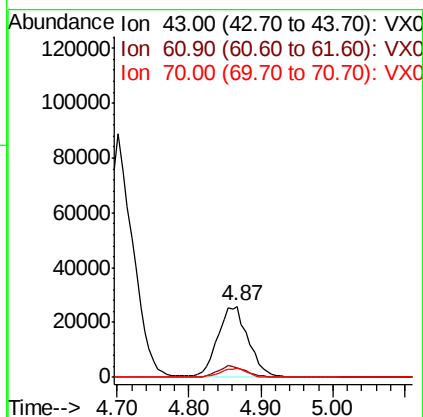
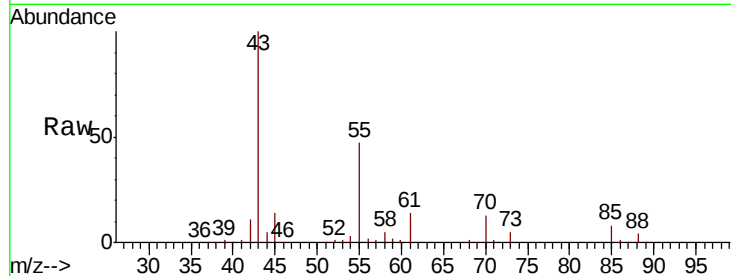
#37
Ethyl Acetate
Concen: 43.97 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	11.5	8.9	13.3

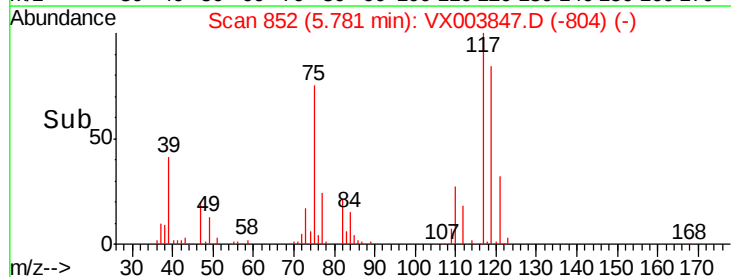
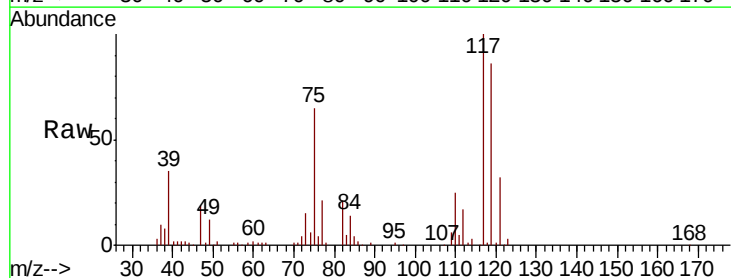
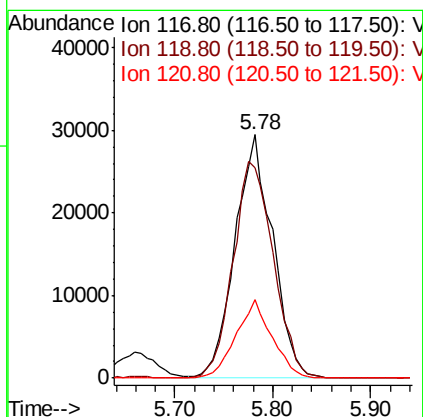
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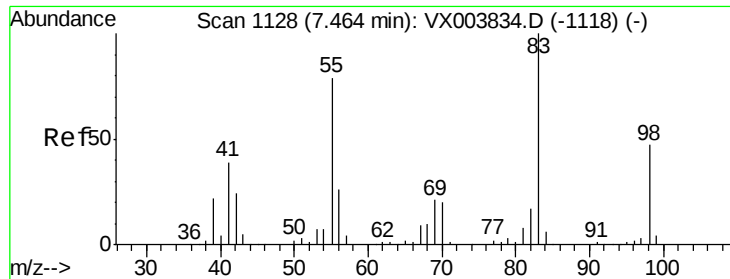
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#38
Carbon Tetrachloride
Concen: 53.66 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.1	74.6	112.0
121	32.1	24.4	36.6





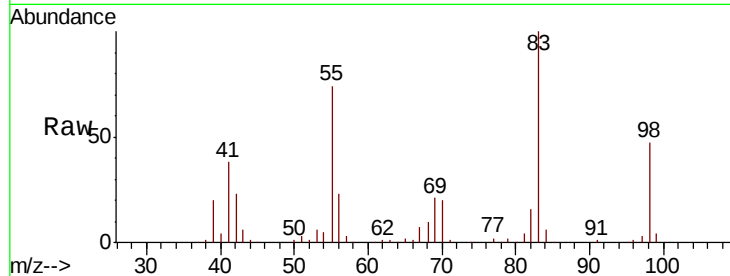
#39
Methvlcvclohexane
Concen: 54.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

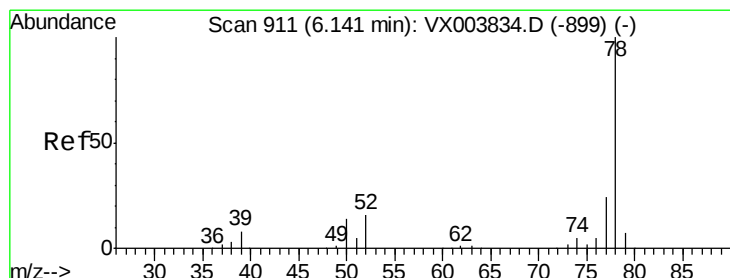
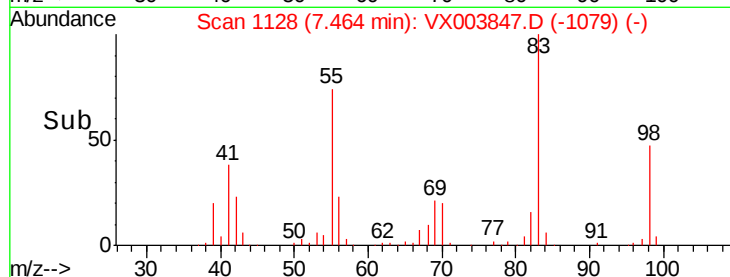
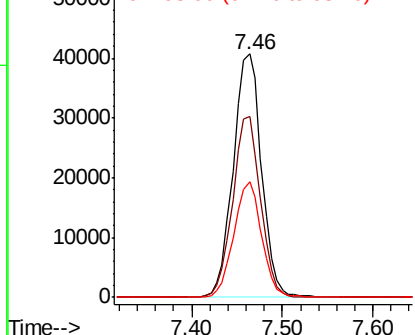
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	63.1	94.7
98	47.4	37.5	56.3

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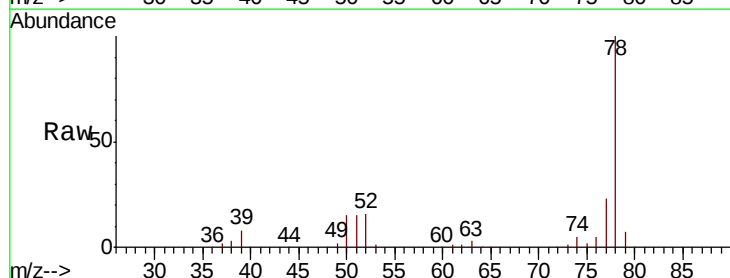


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

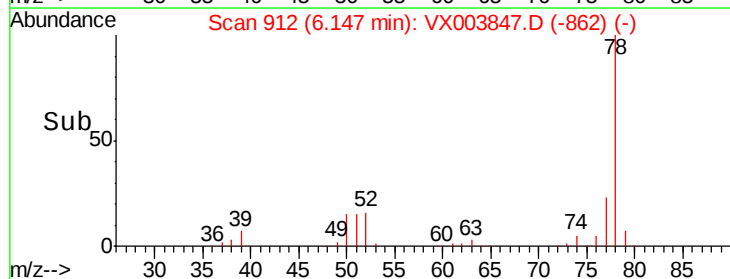
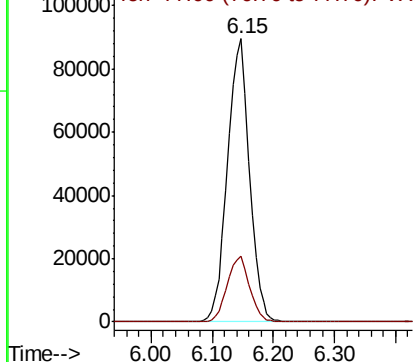


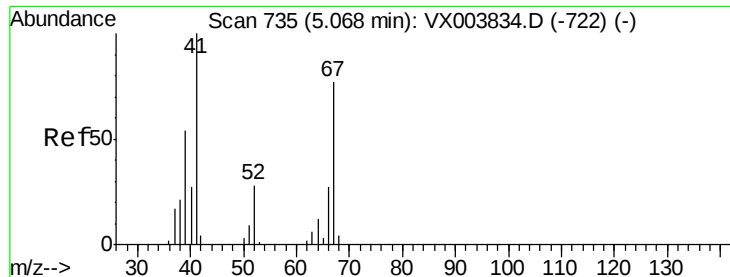
#40
Benzene
Concen: 47.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3



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





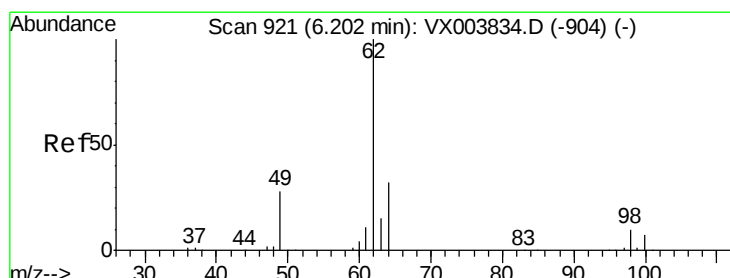
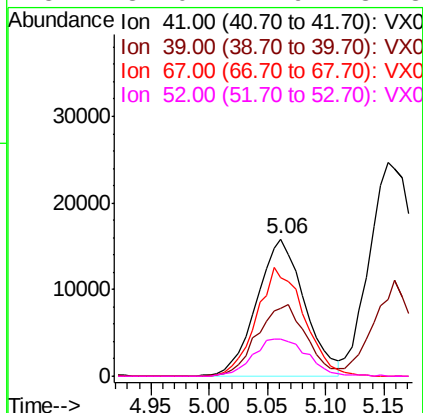
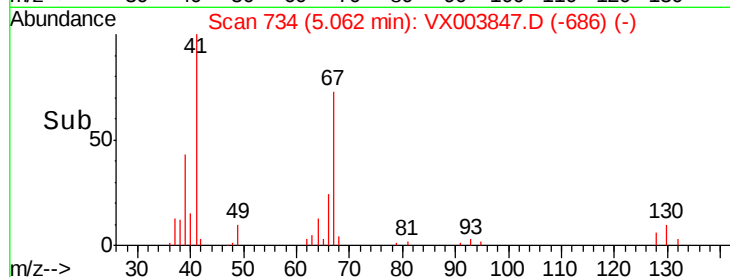
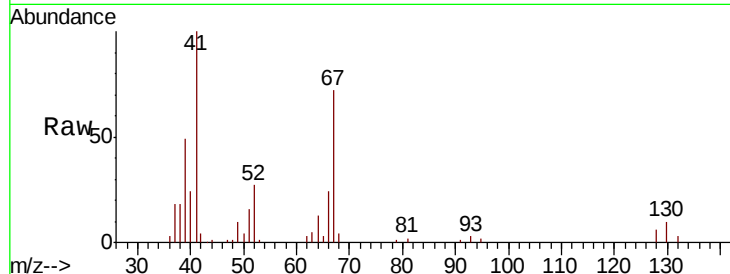
#41
Methacrylonitrile
Concen: 48.18 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.5	63.7	
67	78.4	58.8	88.2	
52	31.0	22.9	34.3	

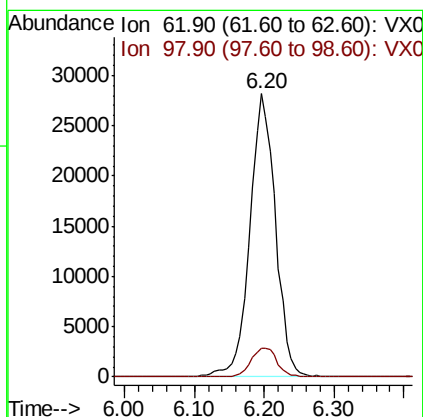
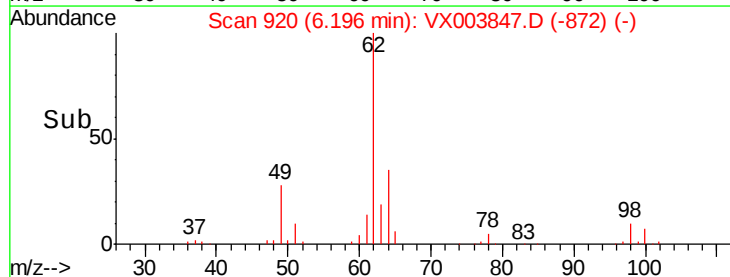
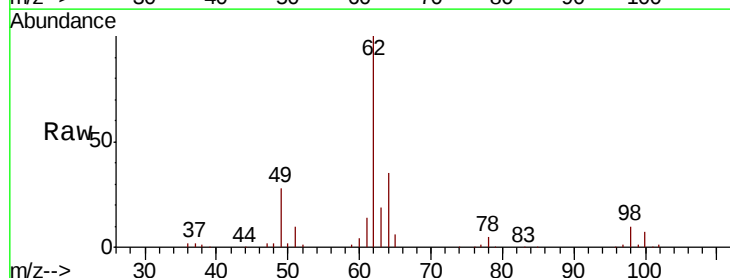
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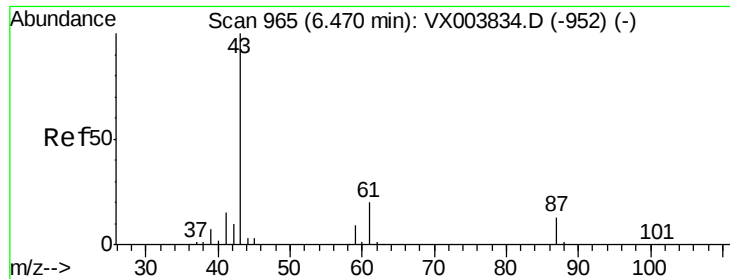
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#42
1,2-Dichloroethane
Concen: 46.03 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.6	





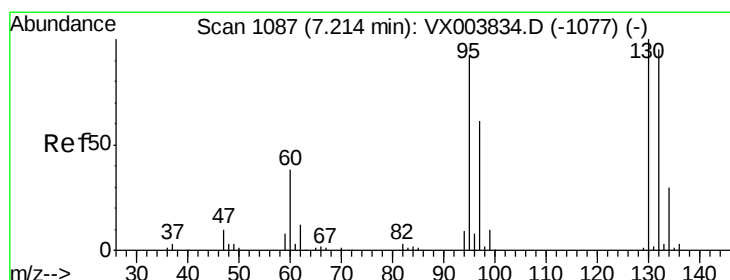
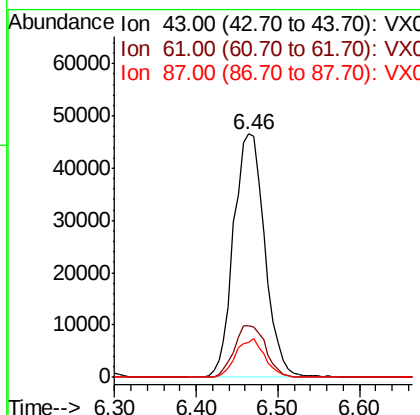
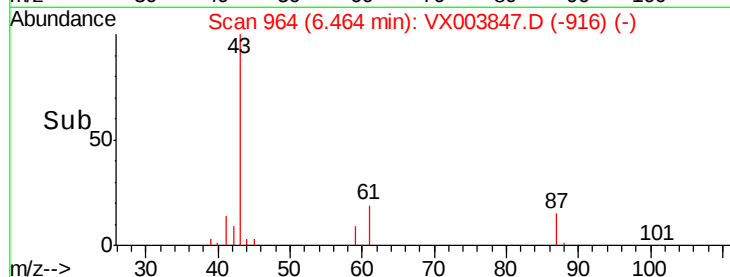
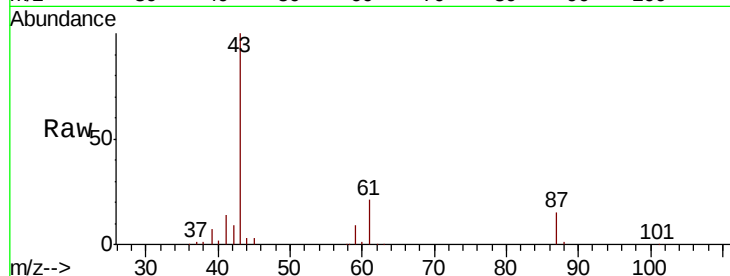
#43
Isopropyl Acetate
Concen: 47.08 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.7	25.1
87	14.7	10.8	16.2

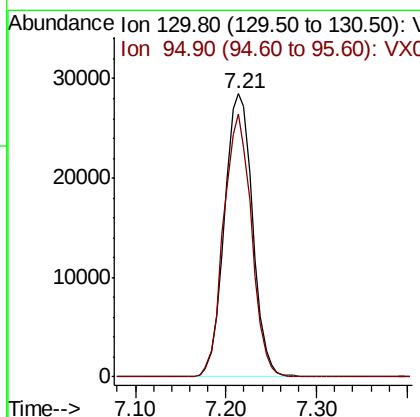
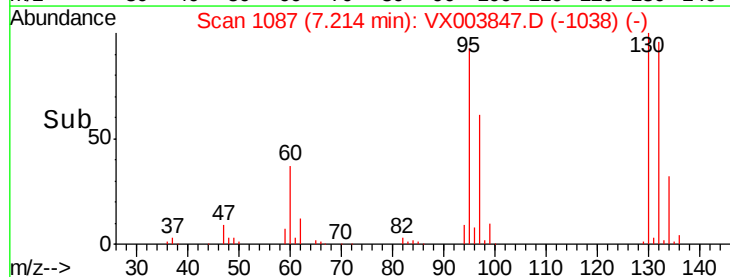
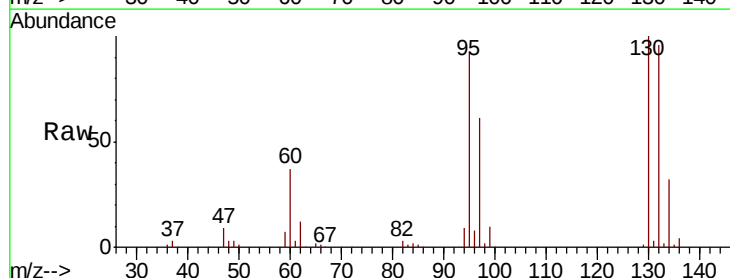
Manual Integrations
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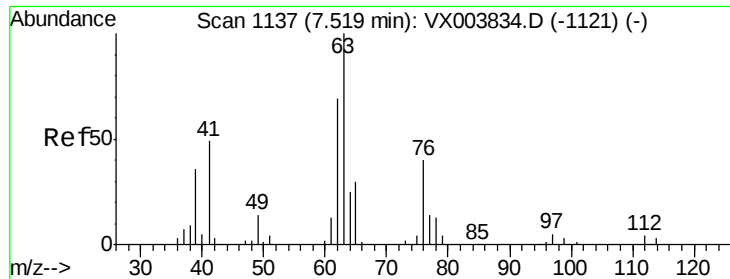
MMDadoda
8/6/2018 10:47:26 AM



#44
Trichloroethene
Concen: 49.34 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	184.8





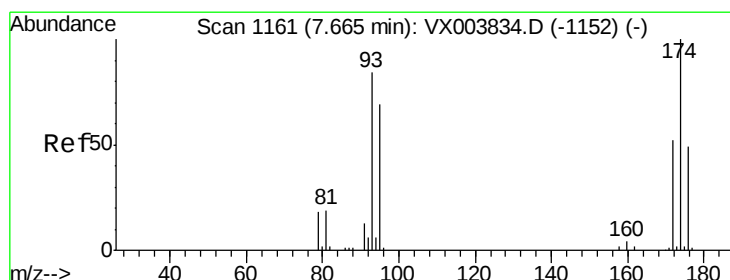
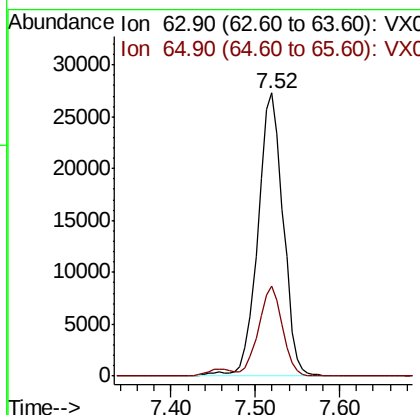
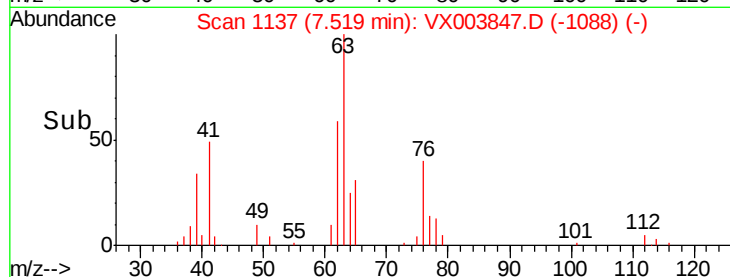
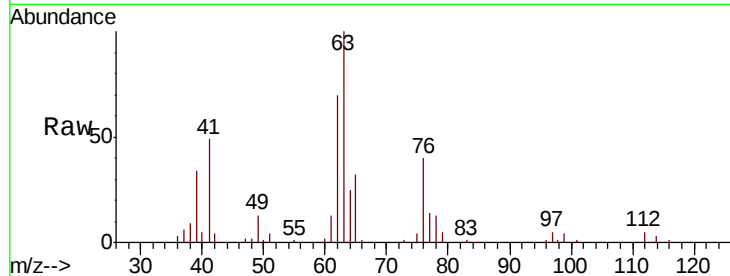
#45
 1,2-Dichloropropane
 Concen: 46.64 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.2	36.4

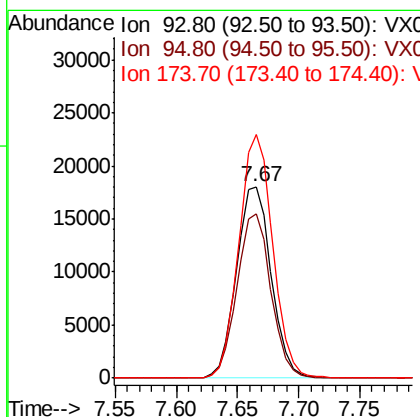
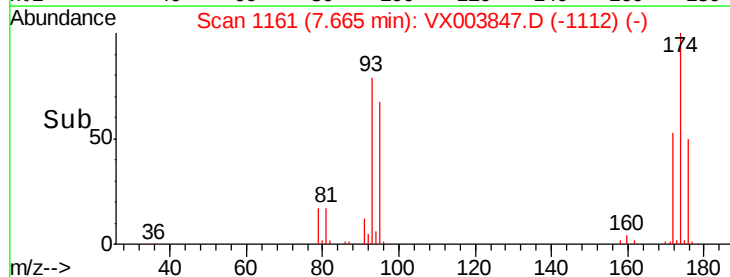
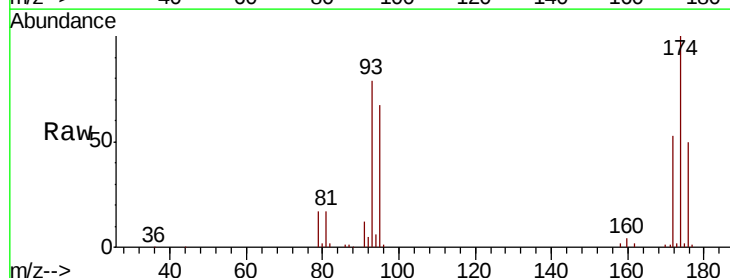
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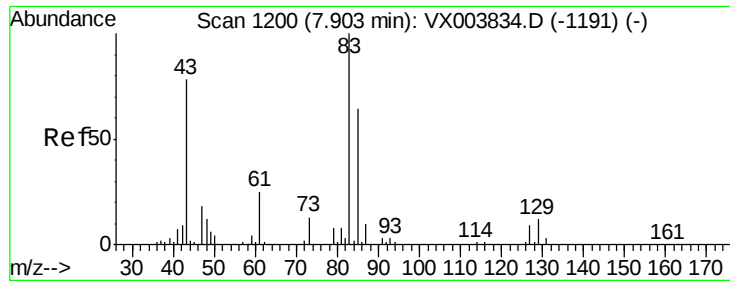
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 8/6/2018 10:47:26 AM



#46
 Dibromomethane
 Concen: 45.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.6
174	124.4	97.4	146.2





#47

Bromodichloromethane

Concen: 47.24 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

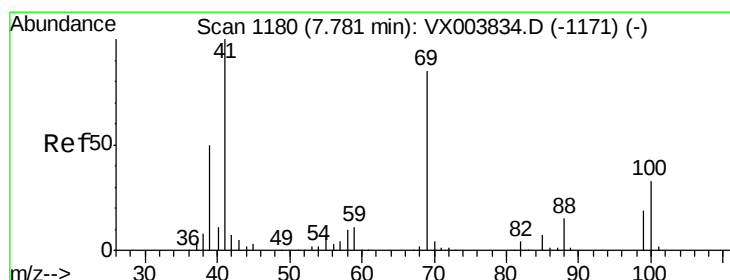
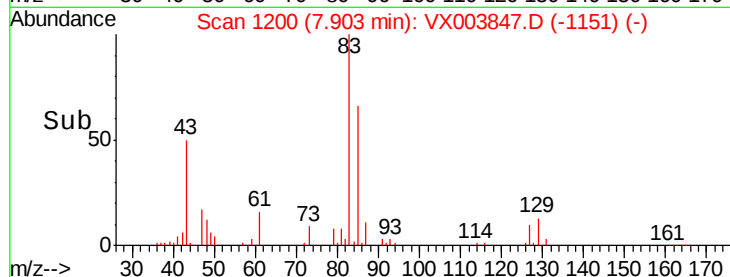
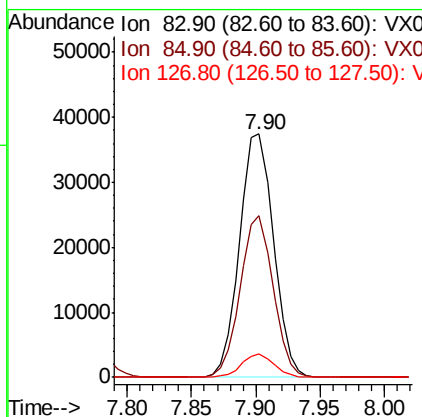
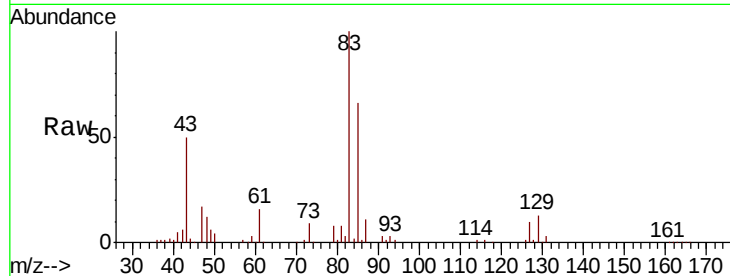
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	68797
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.2
127	9.6	7.0	10.6

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#48

Methyl methacrylate

Concen: 46.40 ug/l

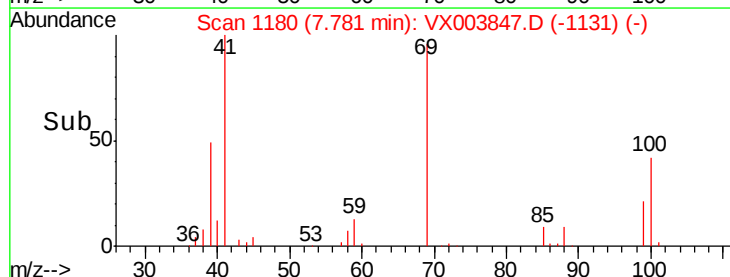
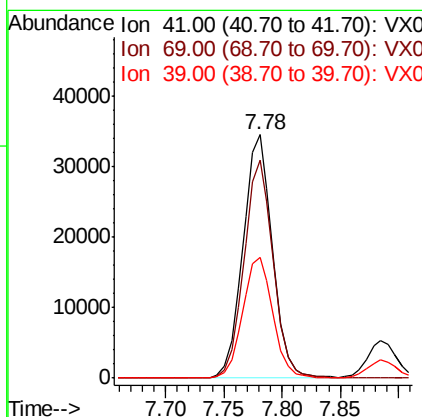
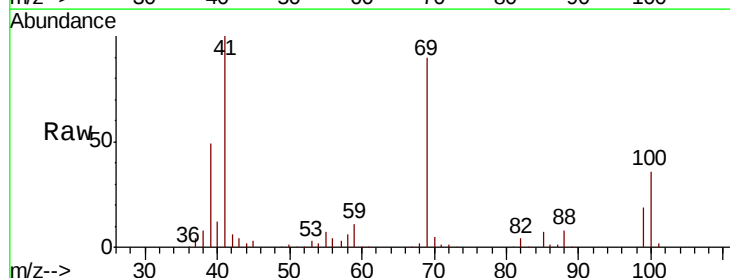
RT: 7.78 min Scan# 1180

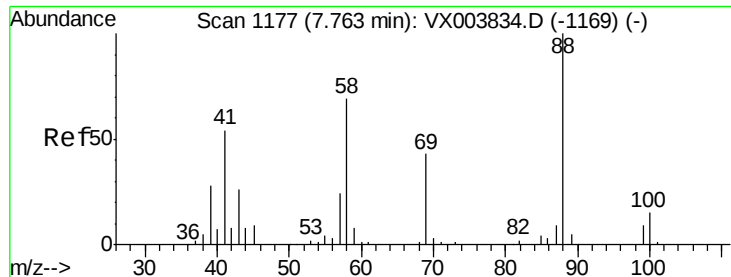
Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	41	Resp:	60855
Ion	Ratio	Lower	Upper
41	100		
69	88.4	70.2	105.4
39	50.7	40.9	61.3





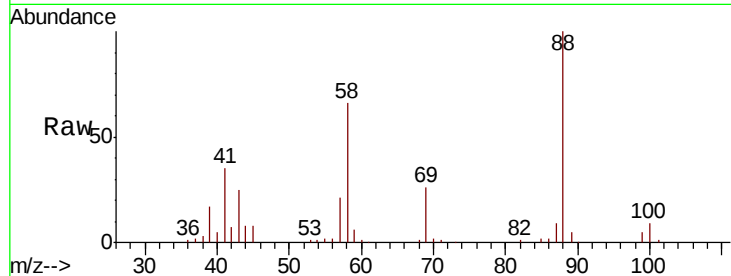
#49
1,4-Dioxane
Concen: 908.40 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

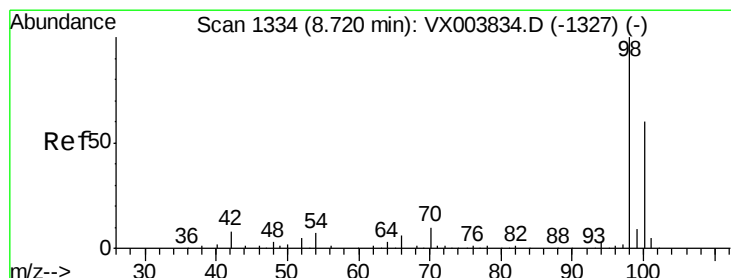
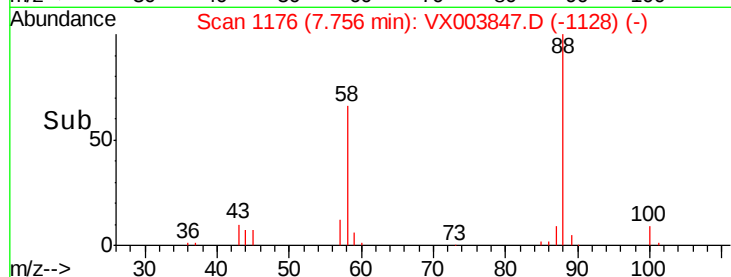
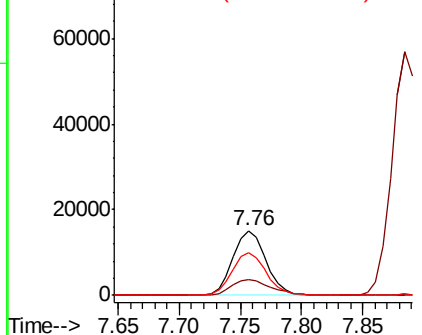
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.4	36.6
58	68.7	56.5	84.7

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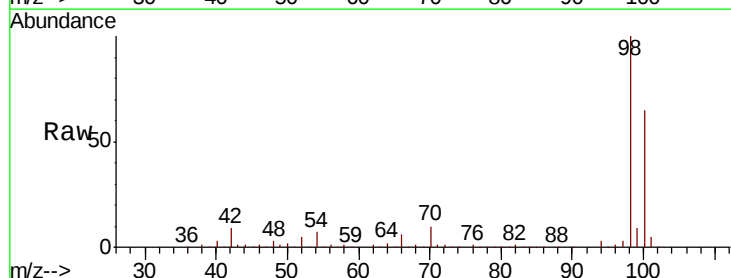


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

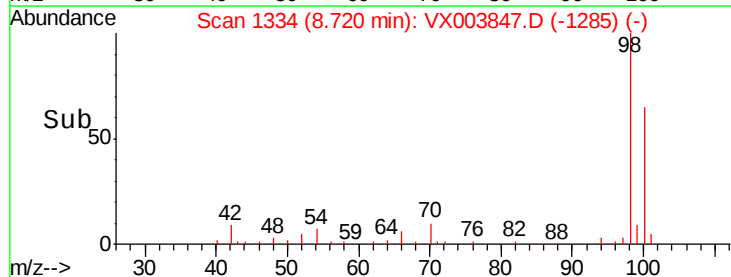
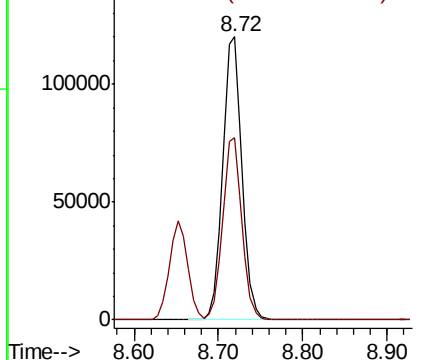


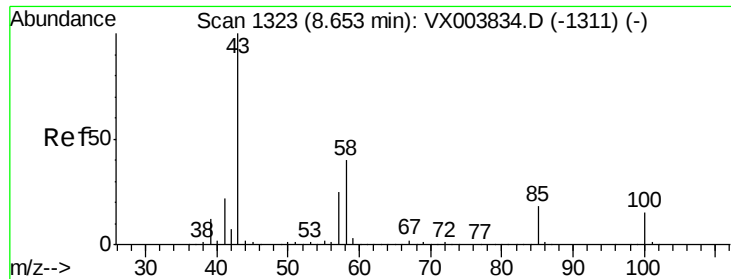
#50
Toluene-d8
Concen: 45.09 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2



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





#51

4-Methyl-2-Pentanone

Concen: 177.30 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 385074

Ion Ratio Lower Upper

43 100

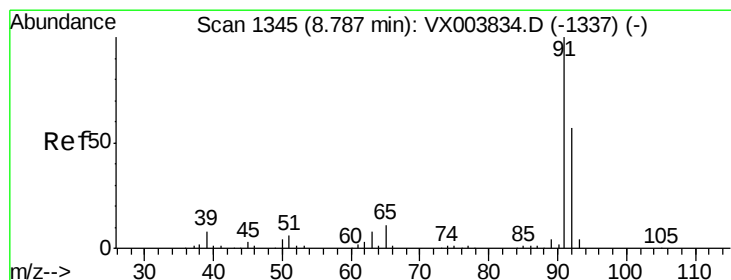
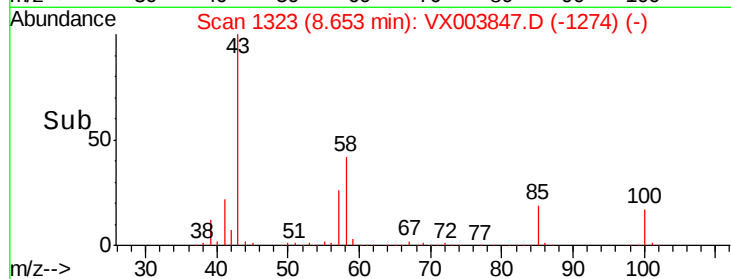
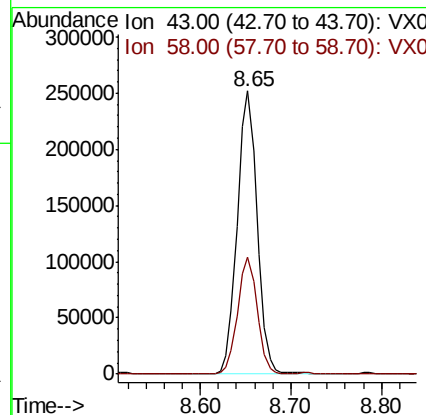
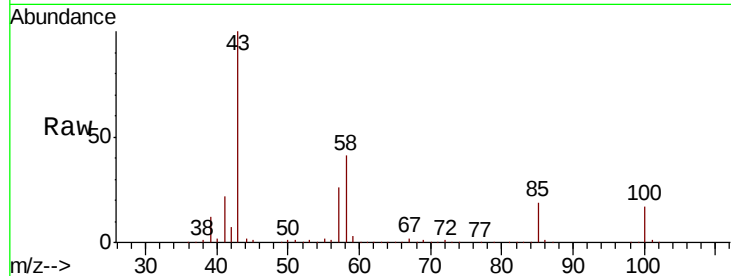
58 40.9 32.2 48.2

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#52

Toluene

Concen: 48.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003847.D

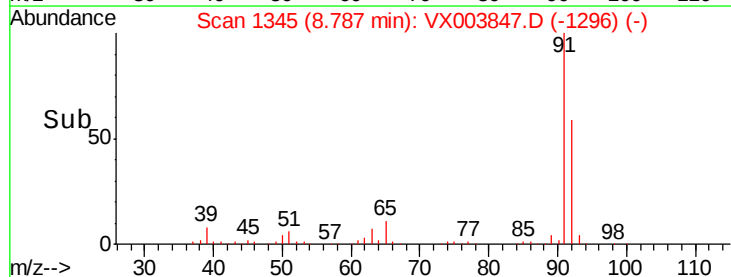
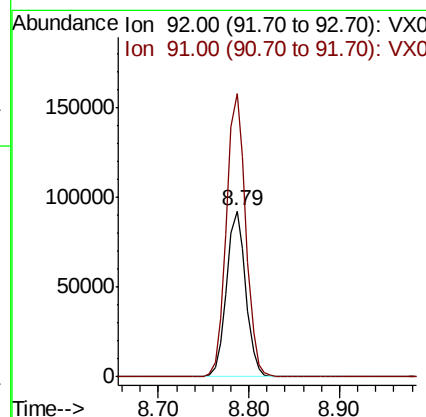
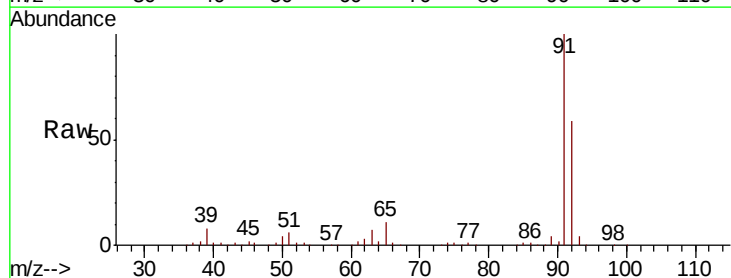
Acq: 03 Aug 2018 14:08

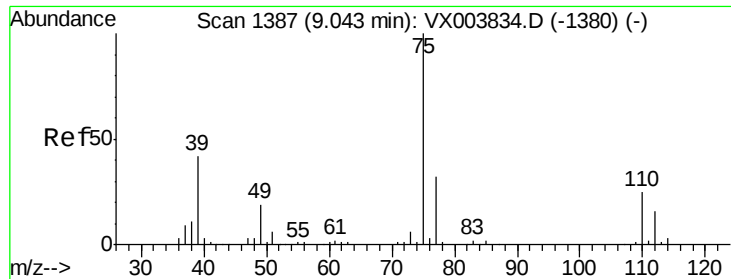
Tgt Ion: 92 Resp: 136884

Ion Ratio Lower Upper

92 100

91 172.3 140.2 210.2





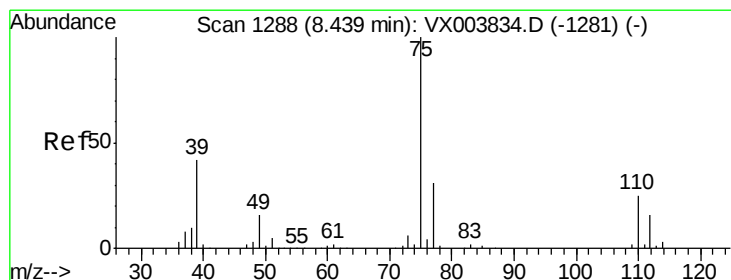
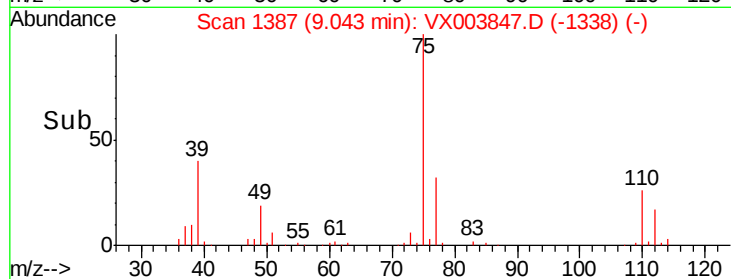
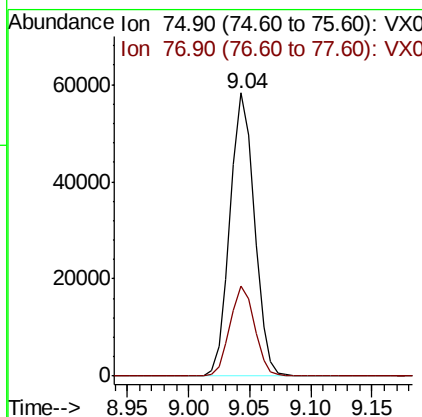
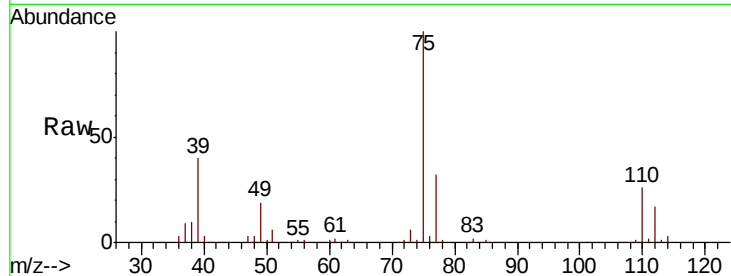
#53
t-1,3-Dichloropropene
Concen: 50.86 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9

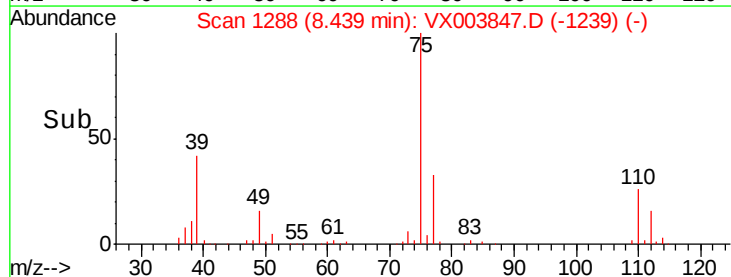
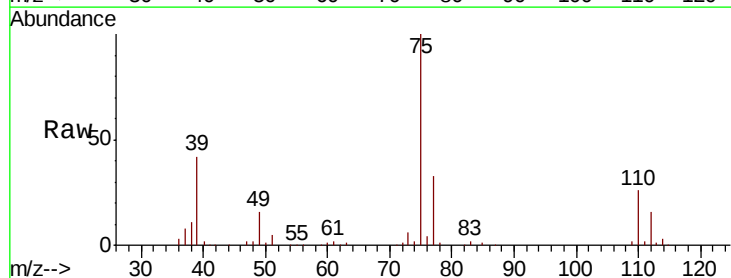
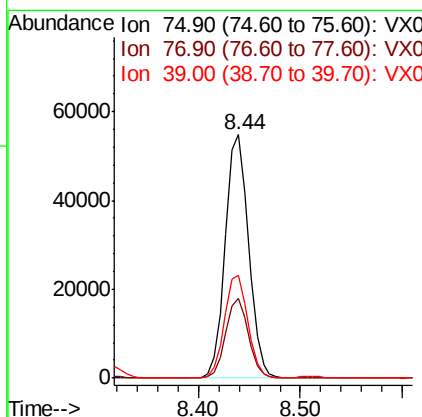
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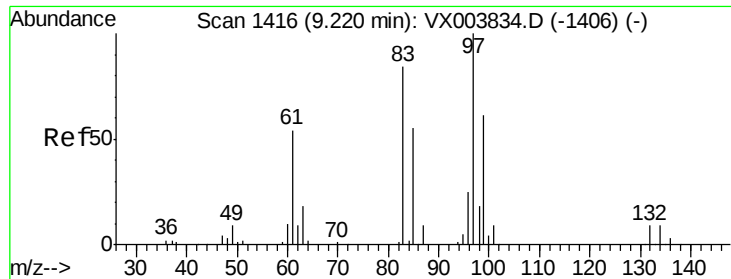
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.25 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.2	37.8
39	42.0	33.5	50.3





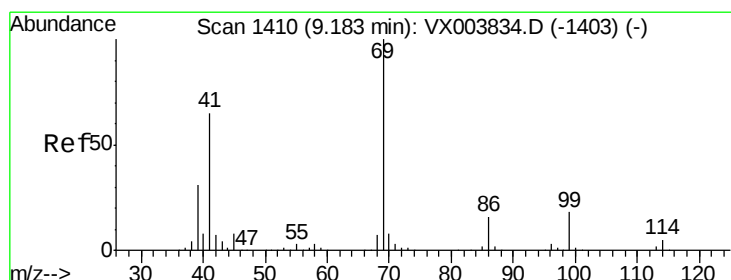
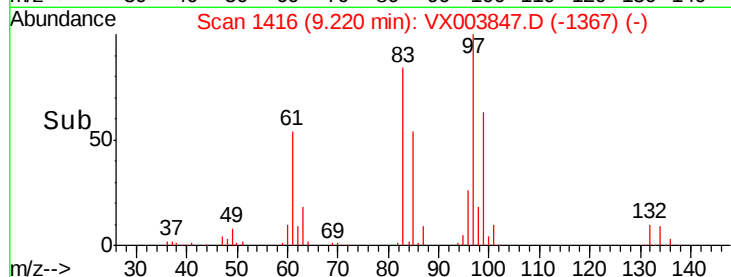
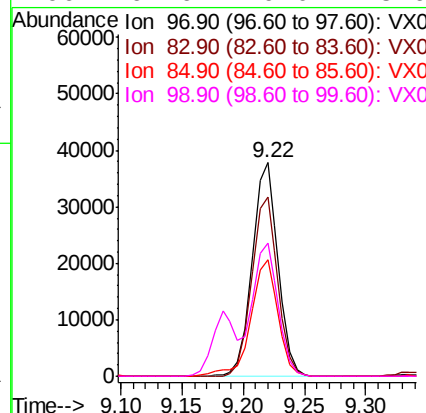
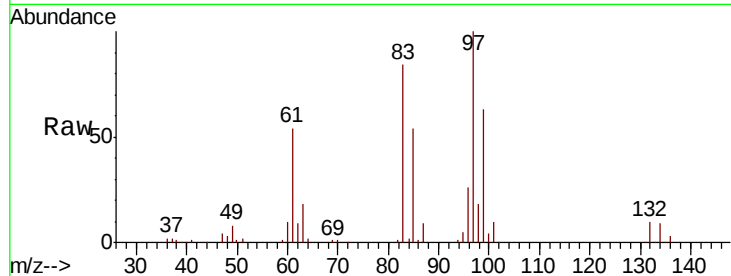
#55
 1,1,2-Trichloroethane
 Concen: 45.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	55479
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.2
85	54.3	43.9	65.9
99	62.6	49.0	73.6

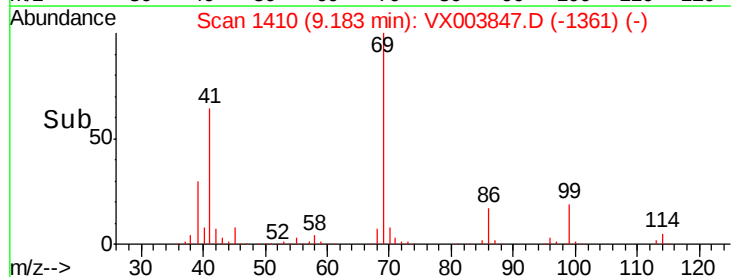
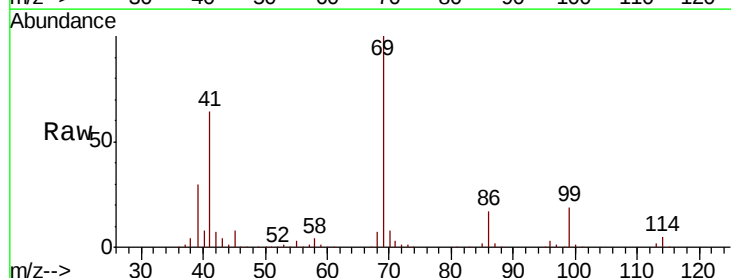
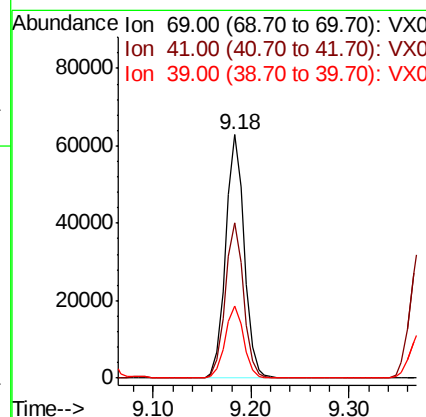
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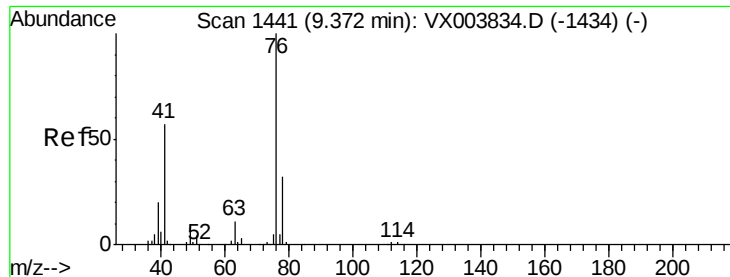
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#56
 Ethyl methacrylate
 Concen: 48.99 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion:	69	Resp:	82913
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.1	76.7
39	30.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 46.18 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 90837

Ion Ratio Lower Upper

76 100

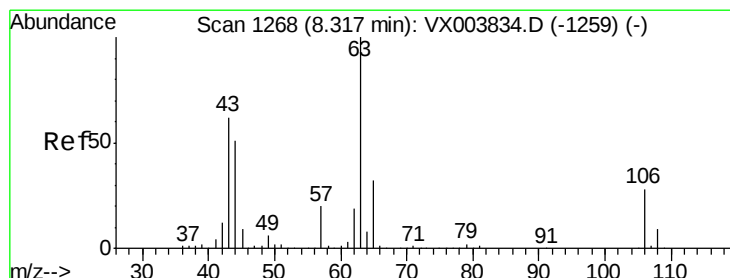
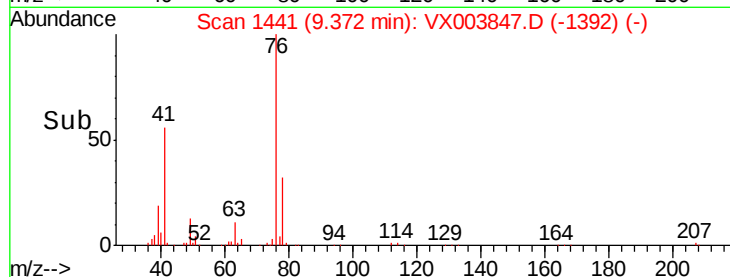
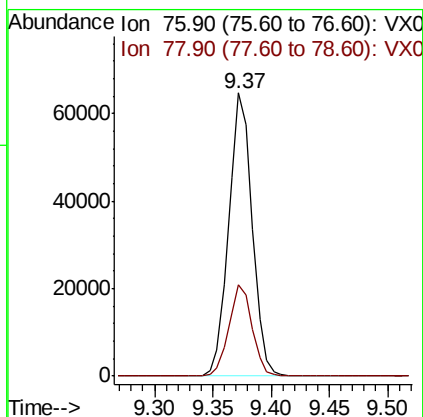
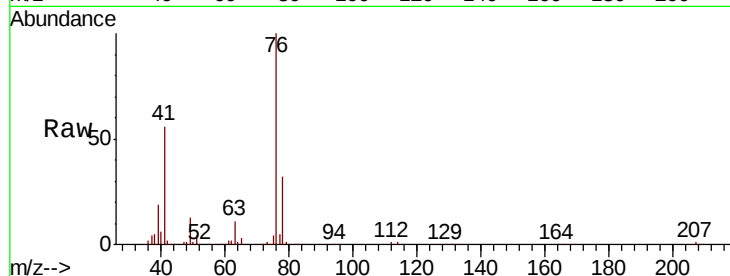
78 32.1 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 259.69 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003847.D

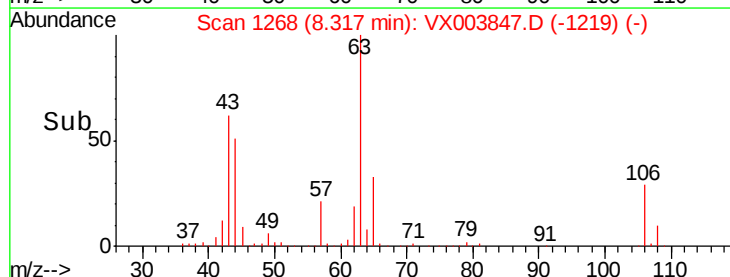
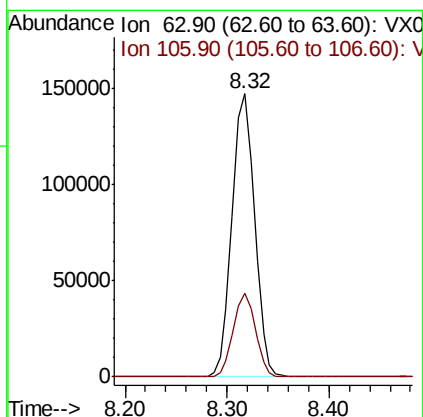
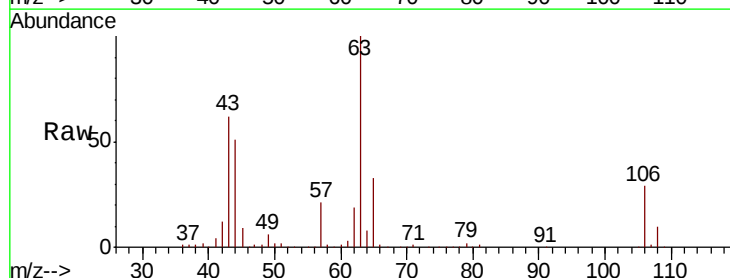
Acq: 03 Aug 2018 14:08

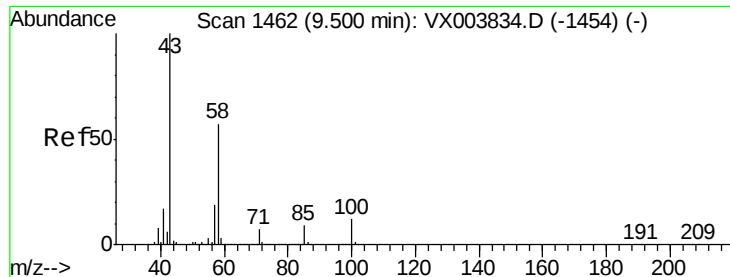
Tgt Ion: 63 Resp: 226036

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0





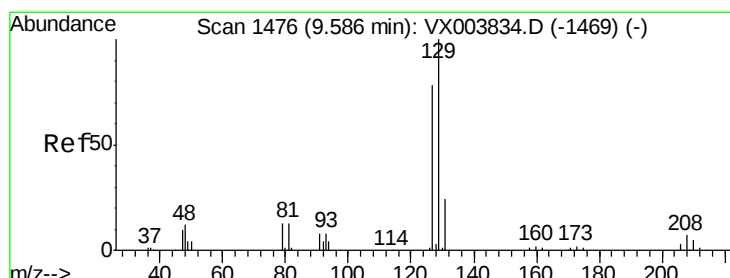
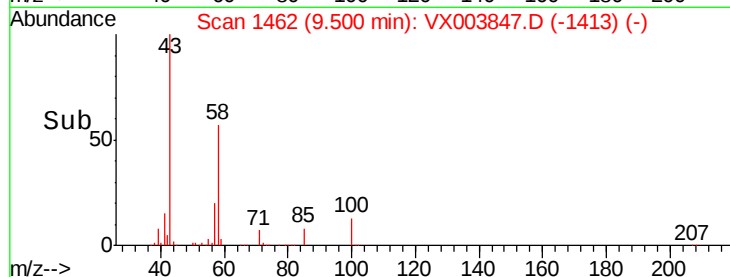
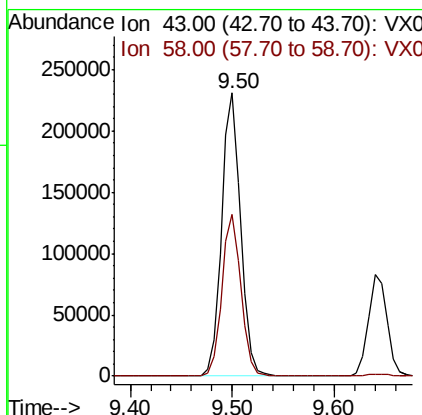
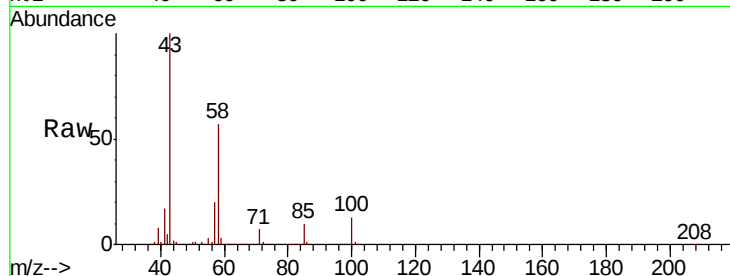
#59
2-Hexanone
Concen: 180.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	300766
Ion Ratio	43	100	
Lower	58	57.1	28.2
Upper			84.7

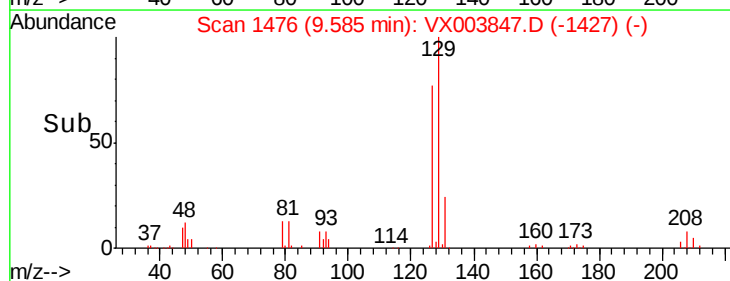
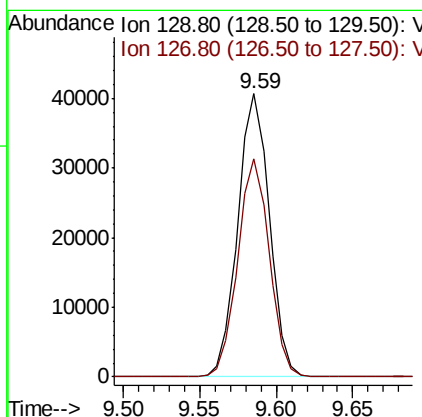
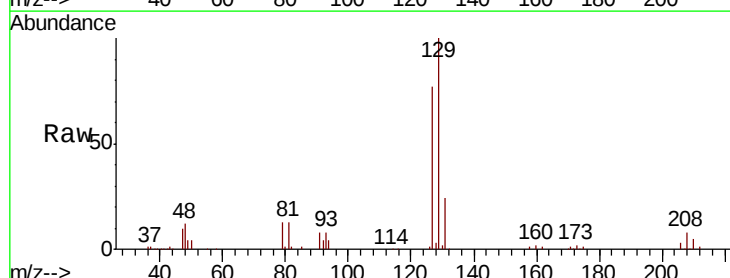
Manual Integrations
APPROVED

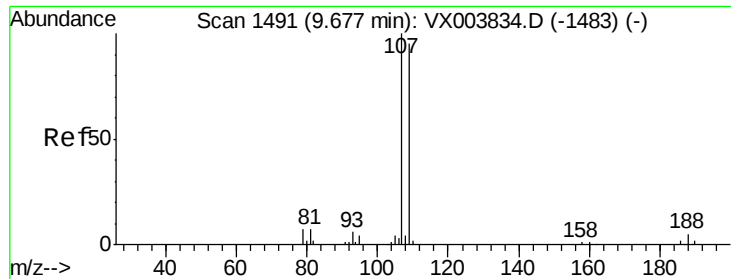
MMDadoda
8/6/2018 10:47:26 AM



#60
Dibromochloromethane
Concen: 49.26 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	129	Resp	58293
Ion Ratio	129	100	
Lower	127	76.8	39.0
Upper			116.9





#61

1,2-Dibromoethane

Concen: 46.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 57985

Ion Ratio Lower Upper

107 100

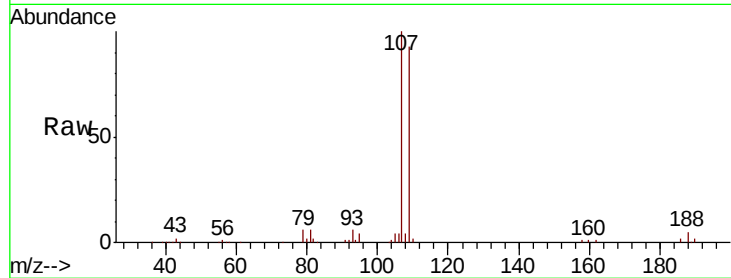
109 94.1 75.8 113.8

Manual Integrations

APPROVED

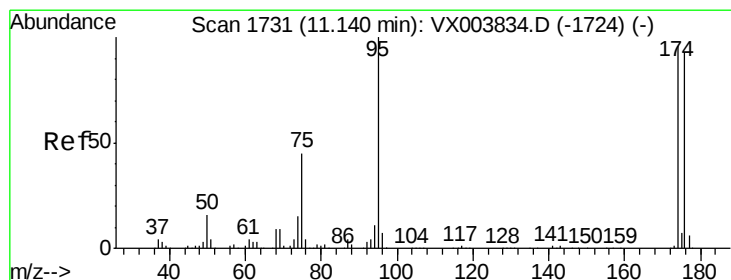
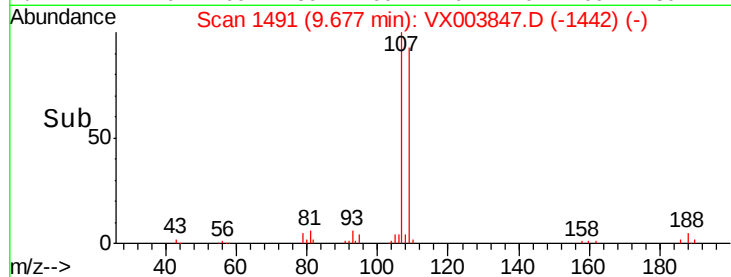
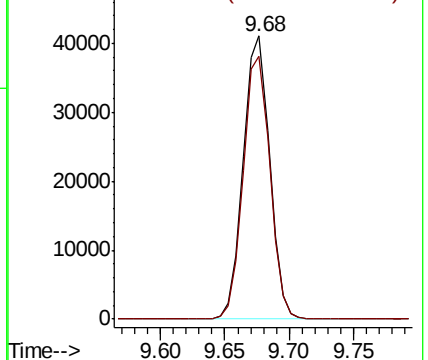
MMDadoda

8/6/2018 10:47:26 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

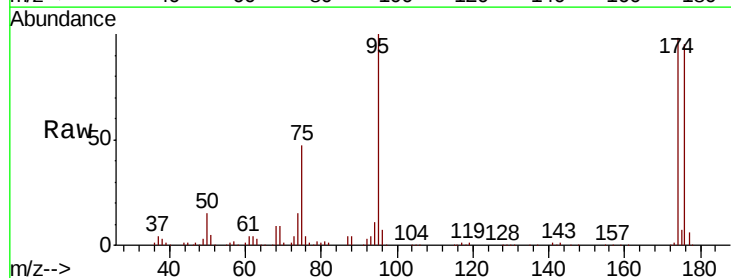
Tgt Ion: 95 Resp: 68432

Ion Ratio Lower Upper

95 100

174 97.5 0.0 192.2

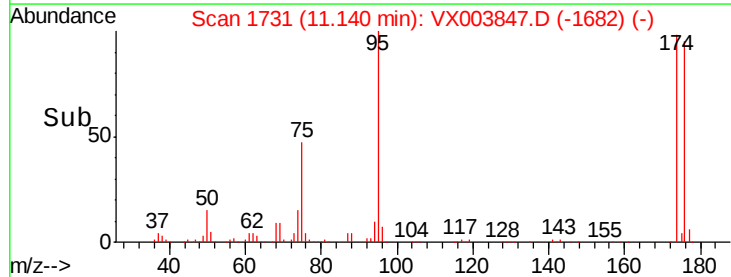
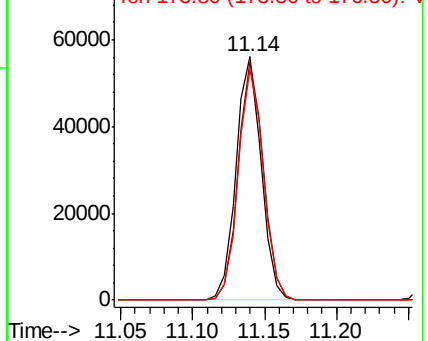
176 94.4 0.0 185.8

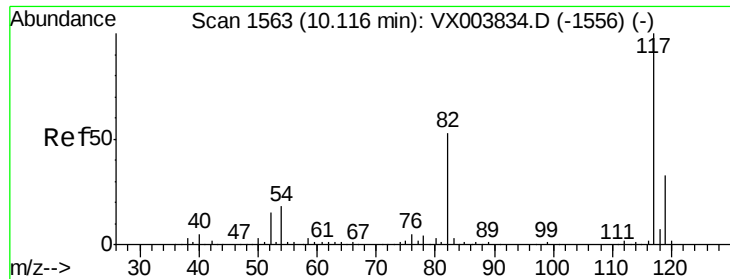


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





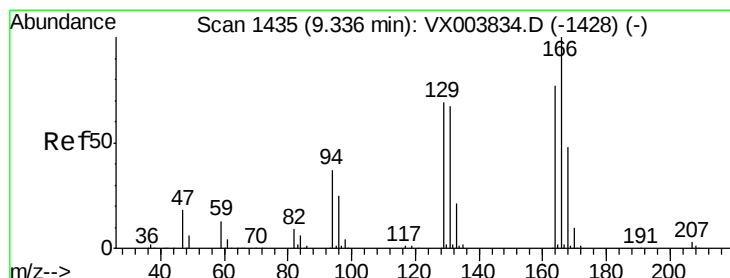
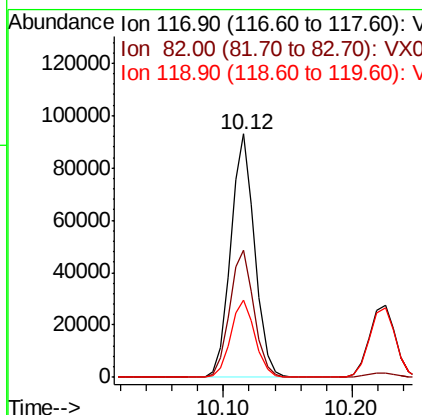
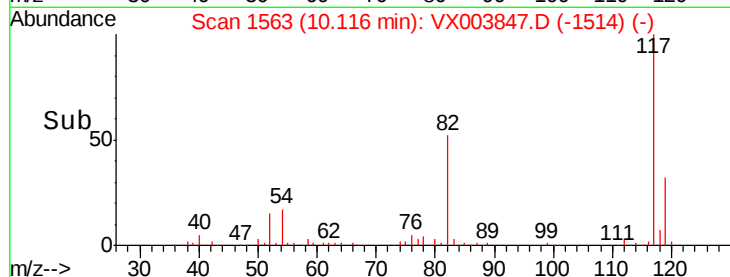
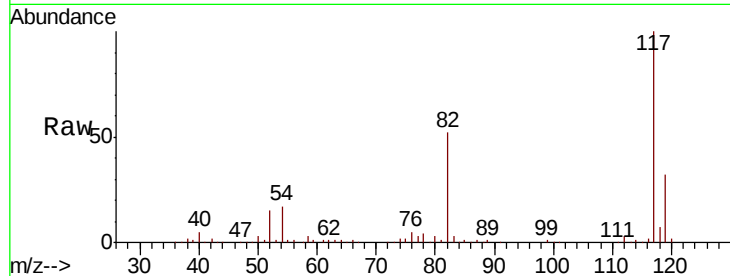
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.7	26.2	39.2

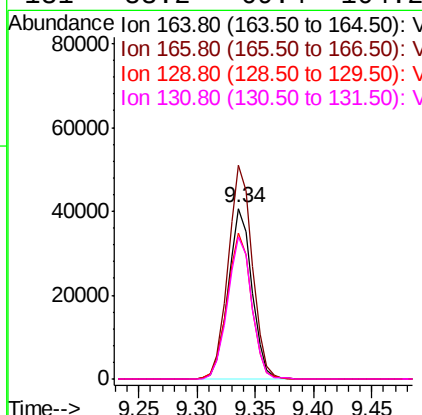
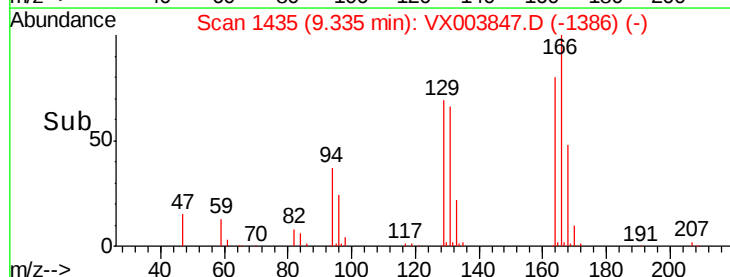
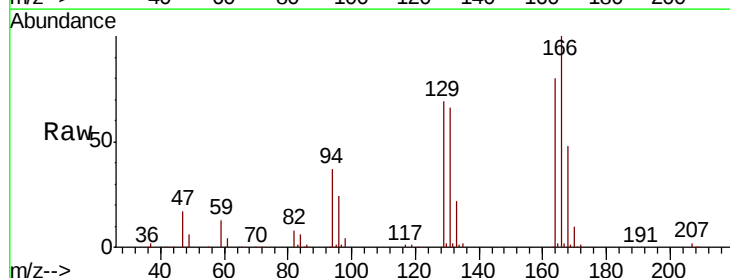
Manual Integrations
APPROVED

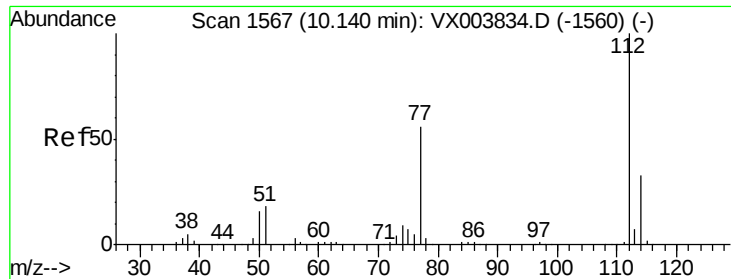
MMDadoda
8/6/2018 10:47:26 AM



#64
Tetrachloroethene
Concen: 52.75 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	103.7	155.5
129	85.8	71.9	107.9
131	83.2	69.4	104.2





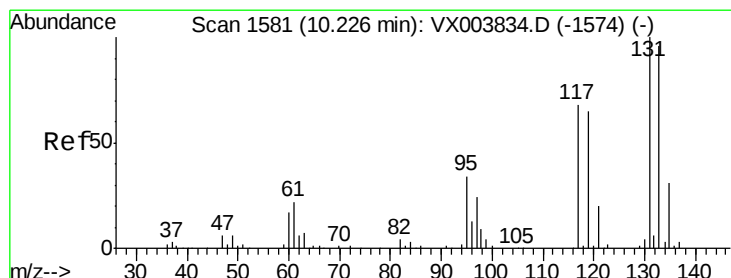
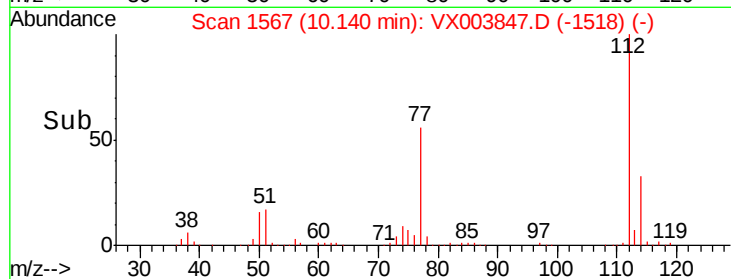
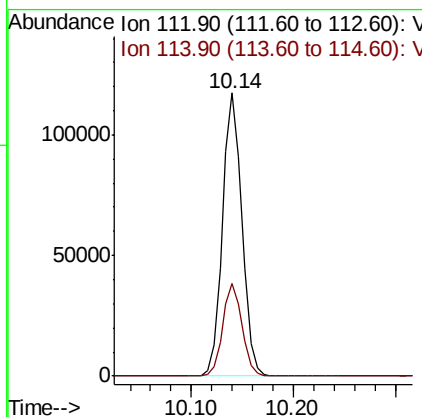
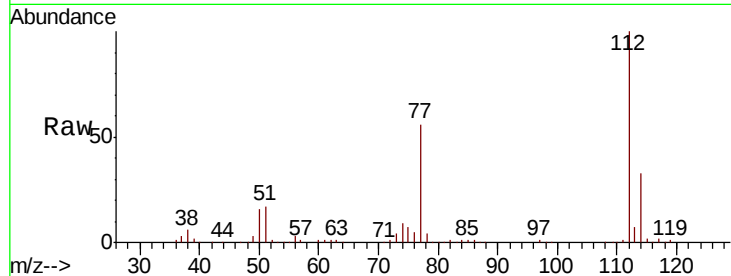
#65
Chlorobenzene
Concen: 52.48 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 155845
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

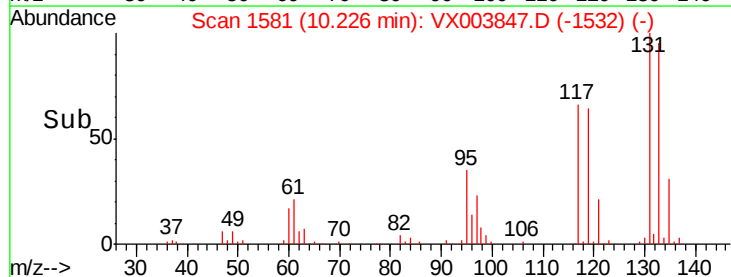
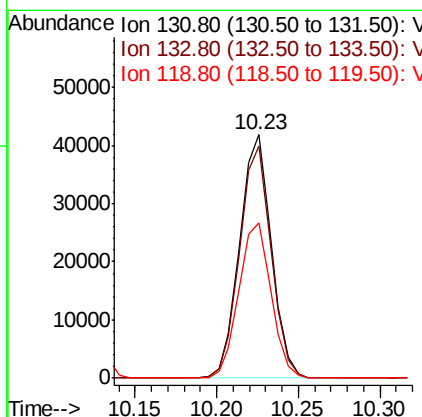
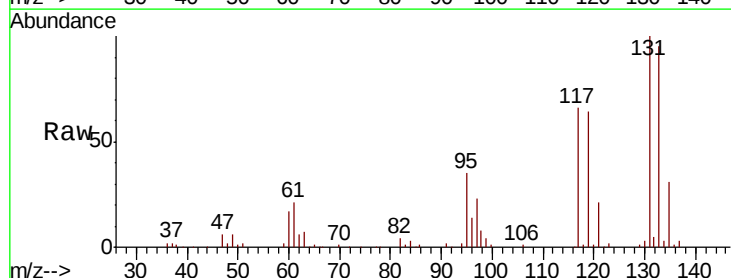
Manual Integrations
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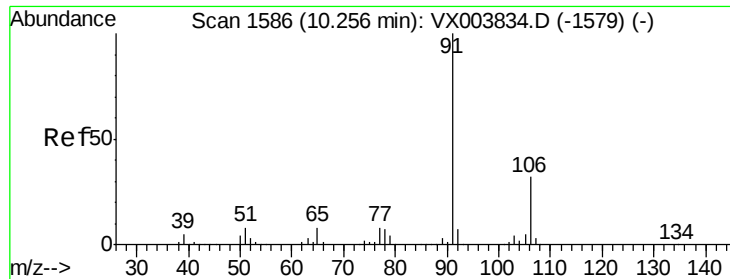
MMDadoda
8/6/2018 10:47:26 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.17 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion:131 Resp: 56640
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 65.2 32.8 98.3





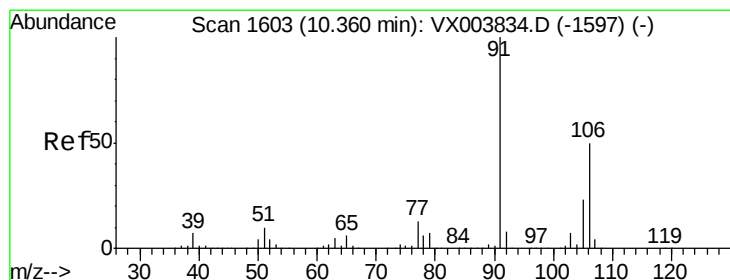
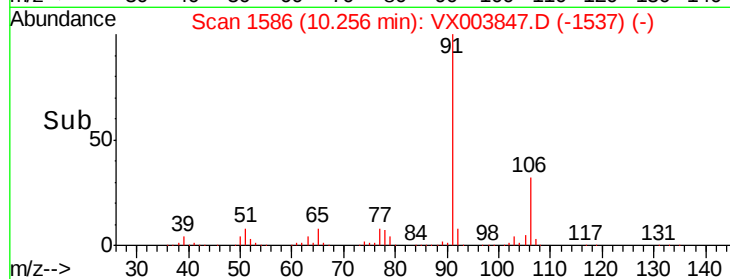
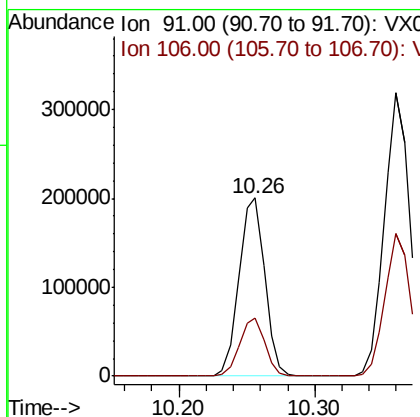
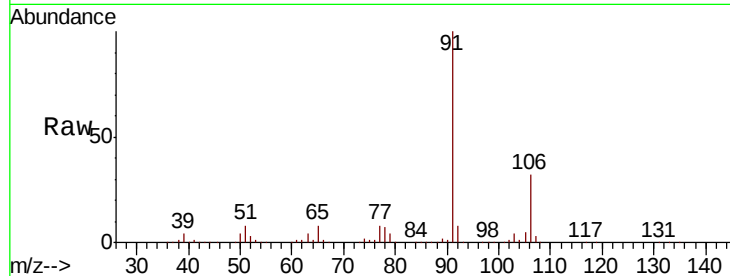
#67
Ethyl Benzene
Concen: 55.71 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 264516
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

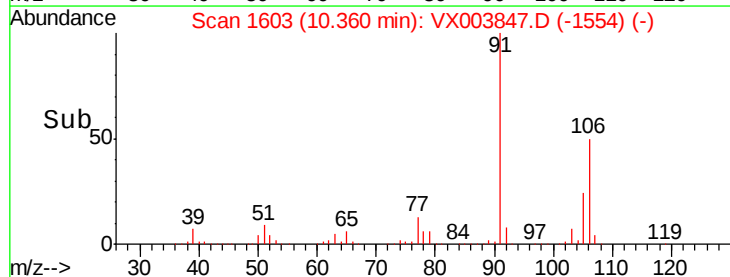
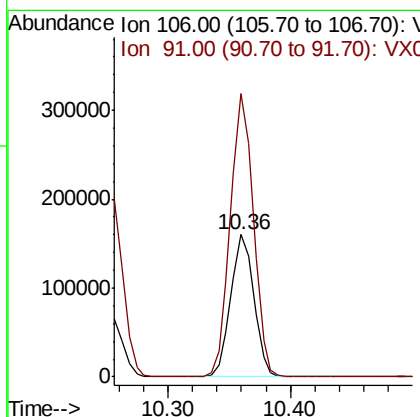
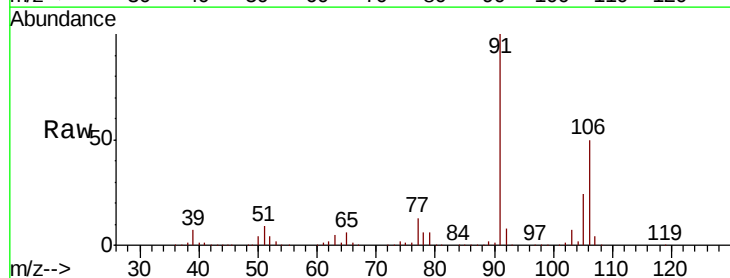
Manual Integrations
APPROVED

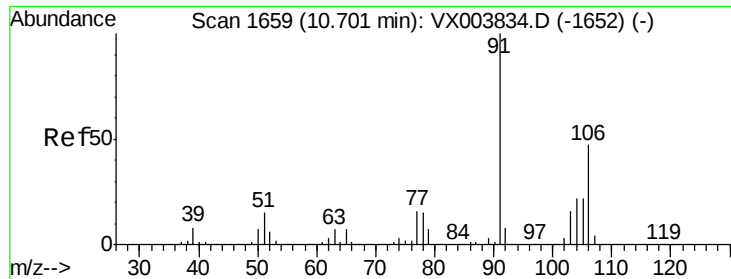
MMDadoda
8/6/2018 10:47:26 AM



#68
m/p-Xylenes
Concen: 112.71 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion: 106 Resp: 209178
Ion Ratio Lower Upper
106 100
91 198.9 161.3 241.9





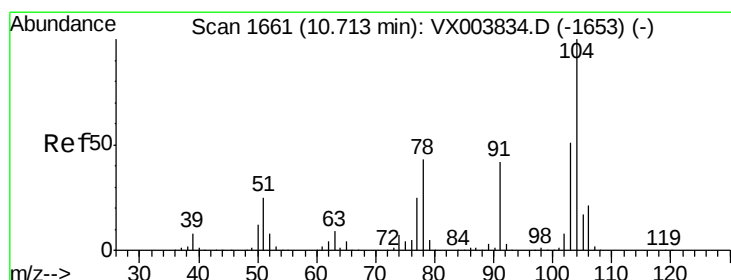
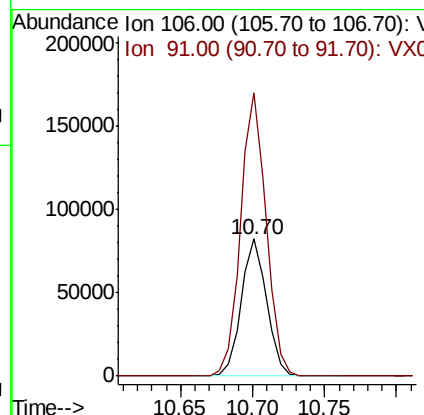
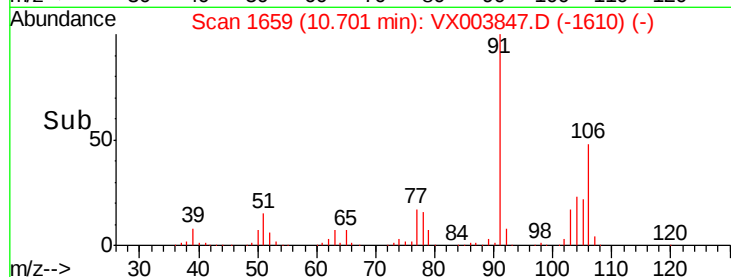
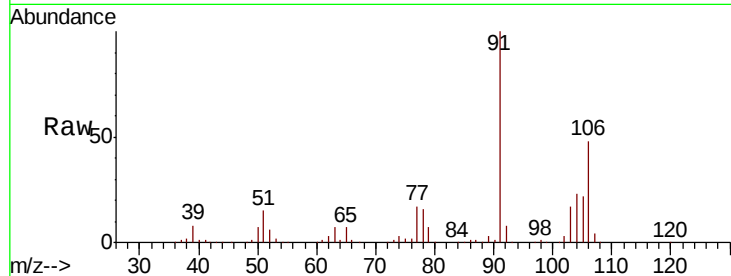
#69
o-Xylene
Concen: 56.48 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.1	105.7	317.1

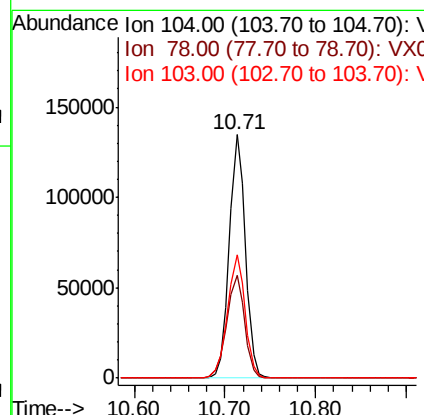
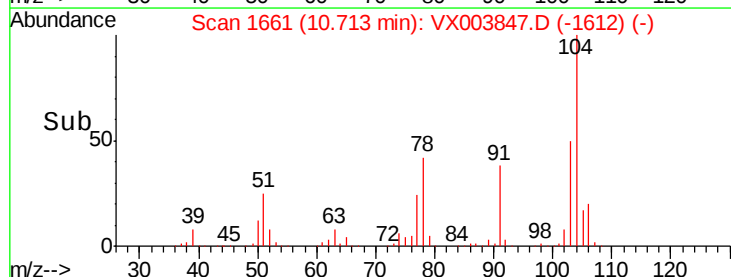
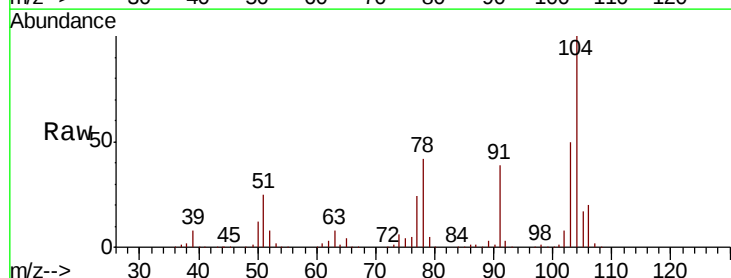
Manual Integrations
APPROVED

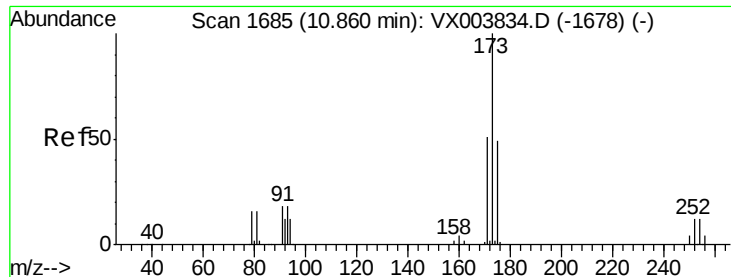
MMDadoda
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#70
Styrene
Concen: 56.21 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.8	56.8
103	55.3	44.2	66.4





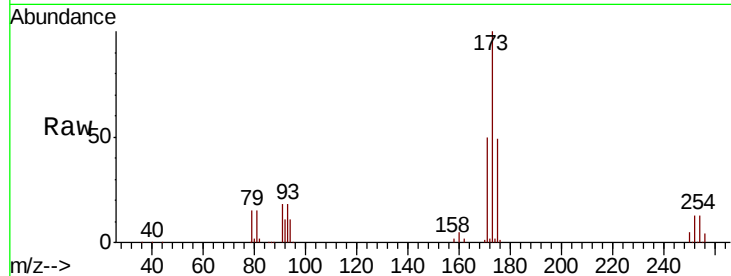
#71
Bromoform
Concen: 55.03 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.2
254	0.0	0.1	0.1#

Manual Integrations
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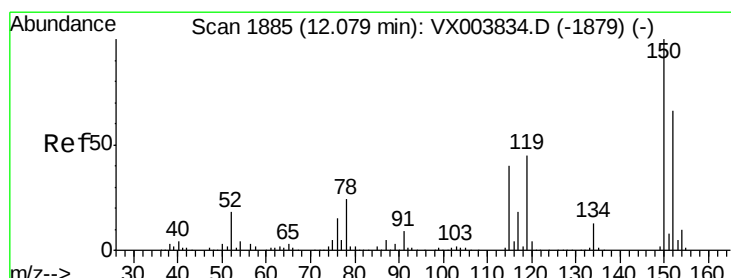
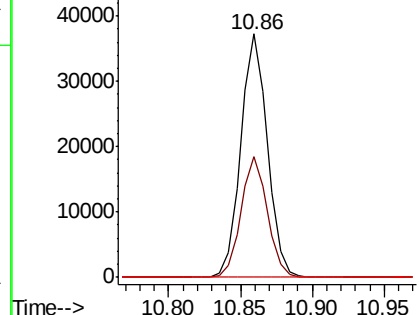
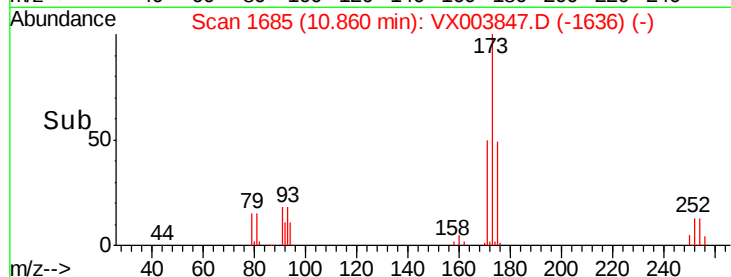


Abundance

Ion 172.70 (172.40 to 173.40): V

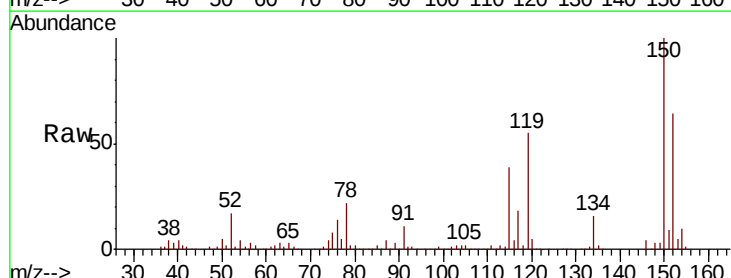
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.3	37.4	112.1
150	173.5	0.0	346.6

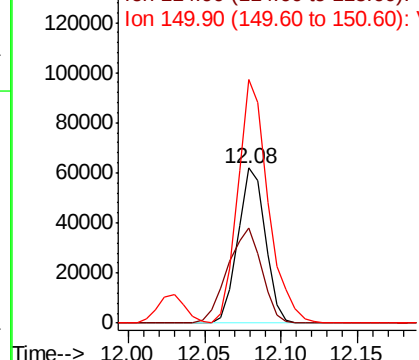
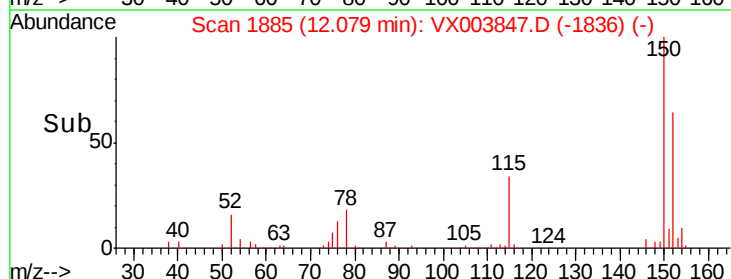


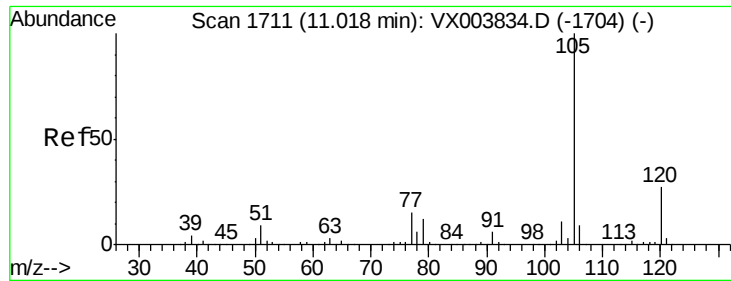
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.23 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 272412

Ion Ratio Lower Upper

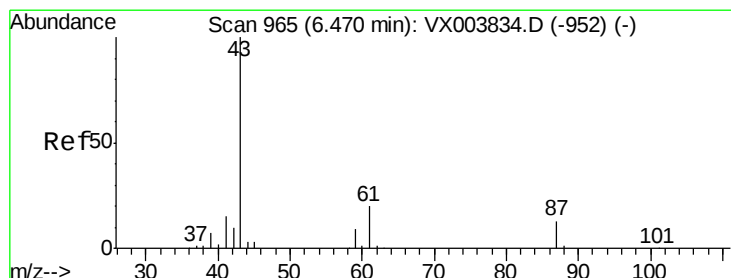
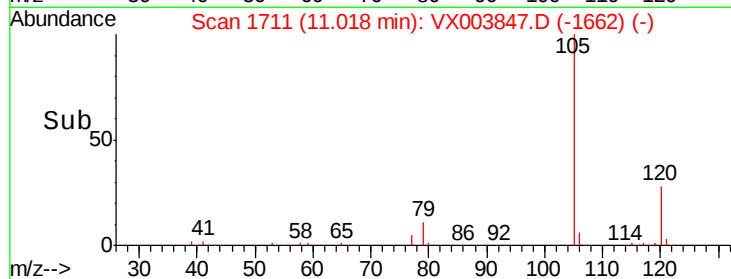
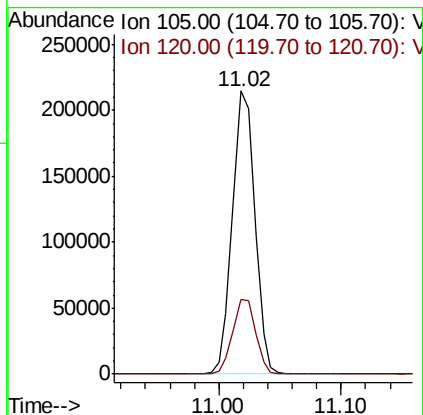
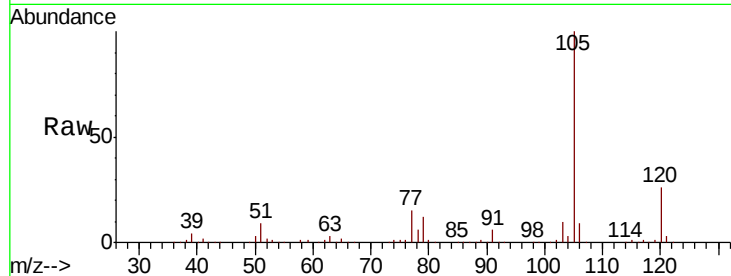
105 100

120 27.0 13.6 40.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 50.12 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion: 43 Resp: 122593

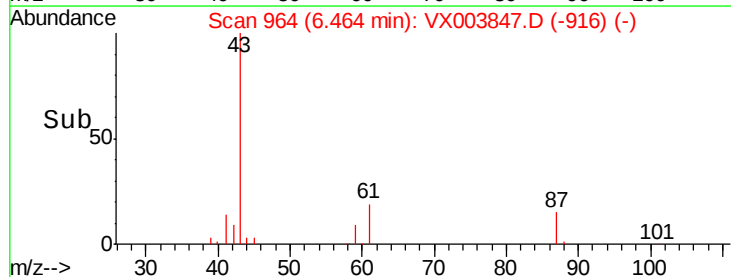
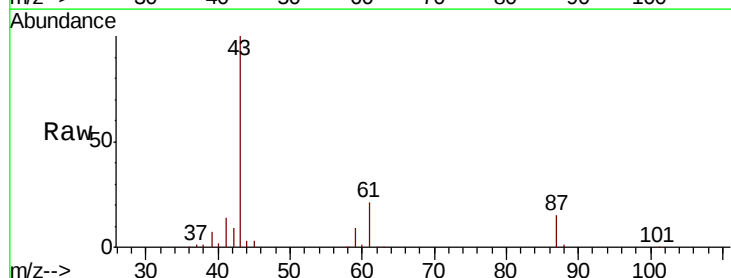
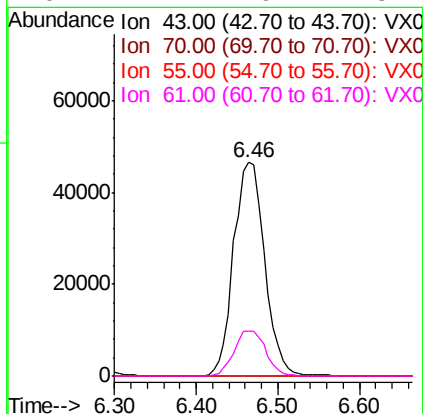
Ion Ratio Lower Upper

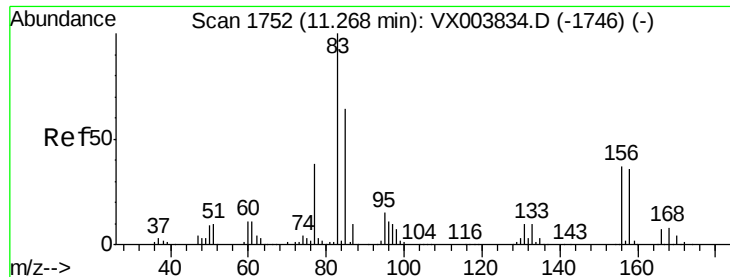
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 21.7 16.7 25.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.66 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

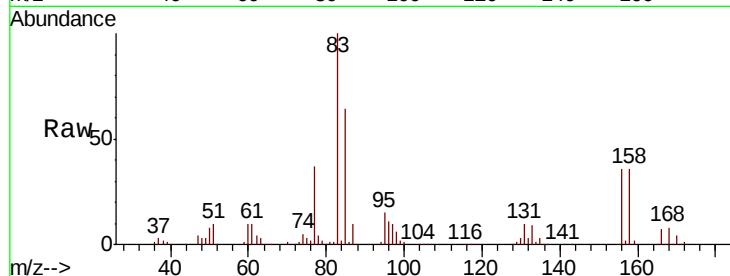
ClientSampleId :

VSTDCCC050

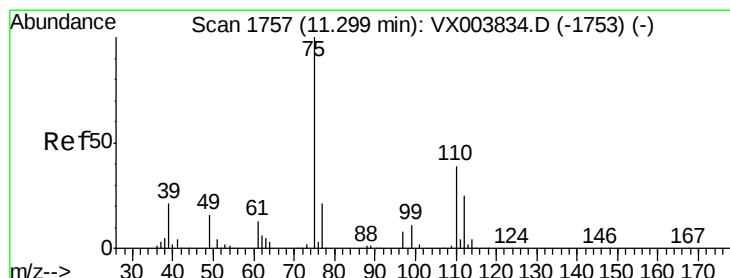
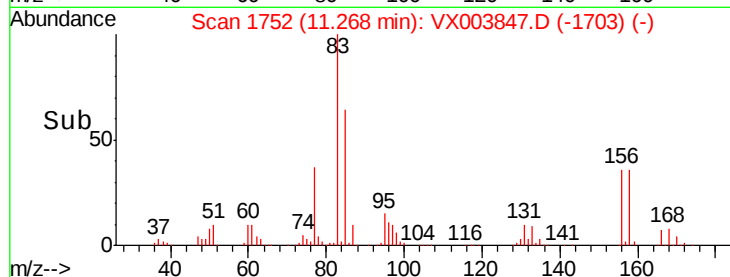
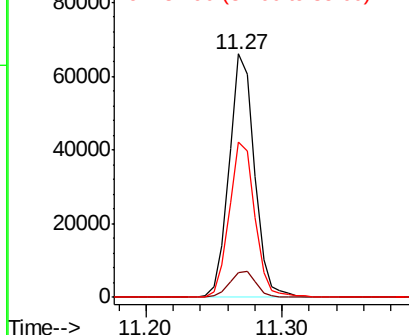
Tot Ion:	83	Resp:	85676
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	15.9
85	64.7	32.1	96.3

Manual Integrations
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8/6/2018 10:47:26 AM



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



#76

1,2,3-Trichloropropane

Concen: 48.88 ug/l m

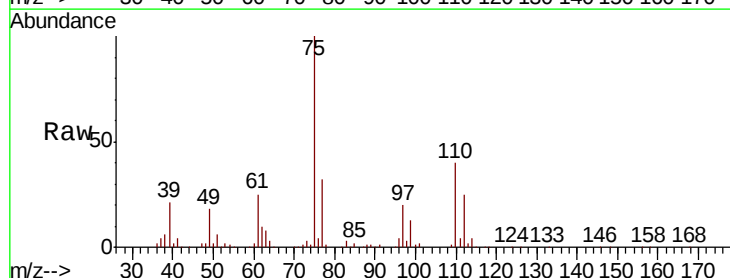
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

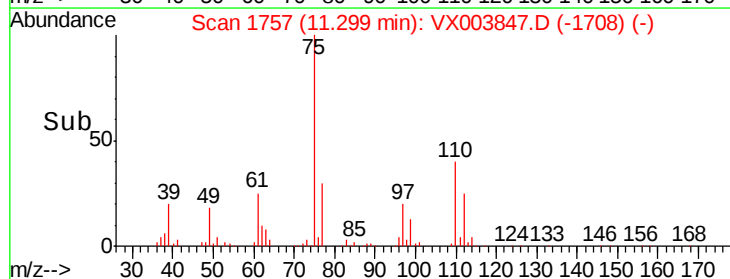
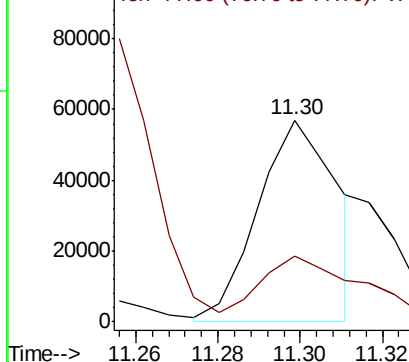
Lab File: VX003847.D

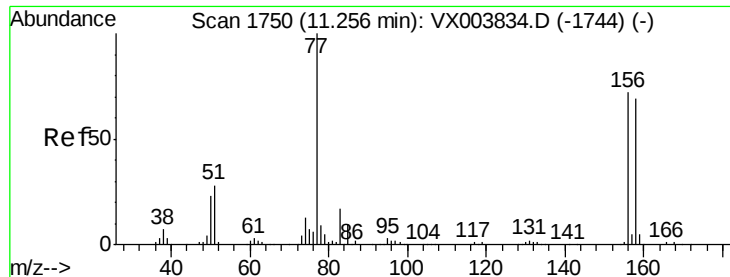
Acq: 03 Aug 2018 14:08

Tgt Ion:	75	Resp:	75777
Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.1	63.3



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





#77

Bromobenzene

Concen: 52.68 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 74128

Ion Ratio Lower Upper

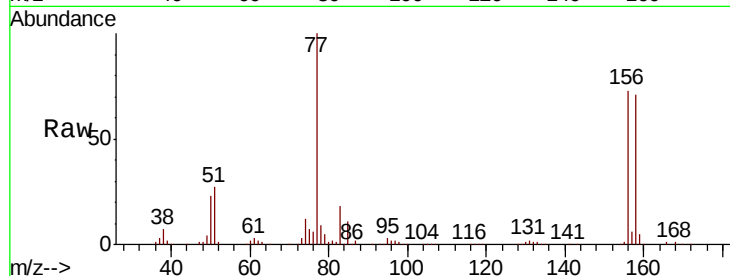
156 100

77 136.0 69.0 206.9

158 97.5 48.1 144.4

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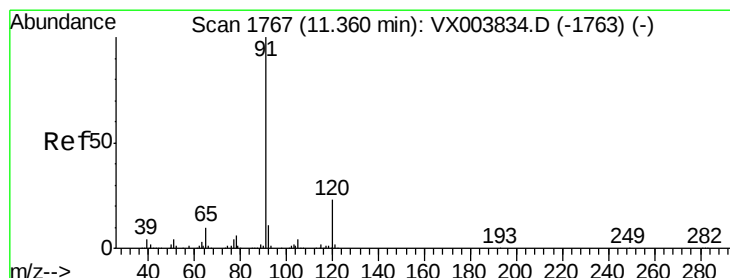
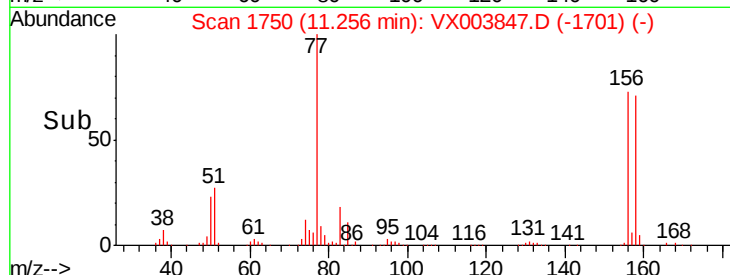
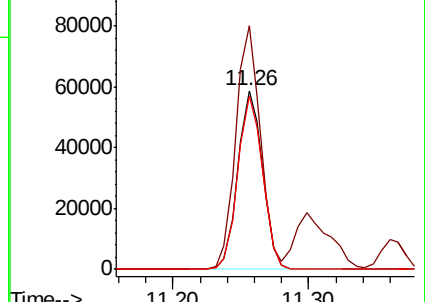
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.07 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003847.D

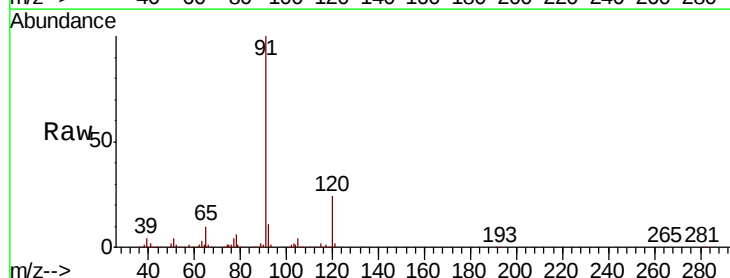
Acq: 03 Aug 2018 14:08

Tgt Ion: 91 Resp: 312903

Ion Ratio Lower Upper

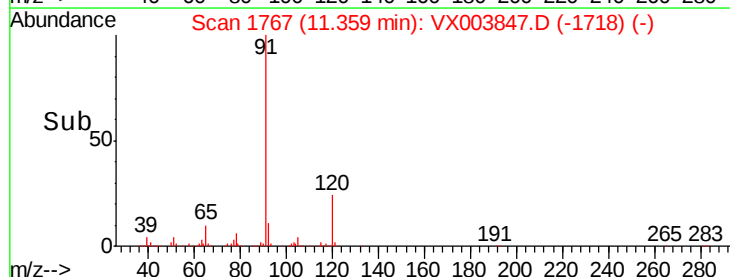
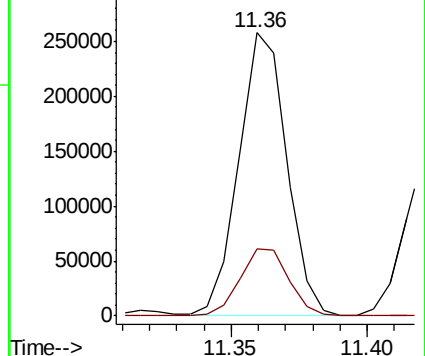
91 100

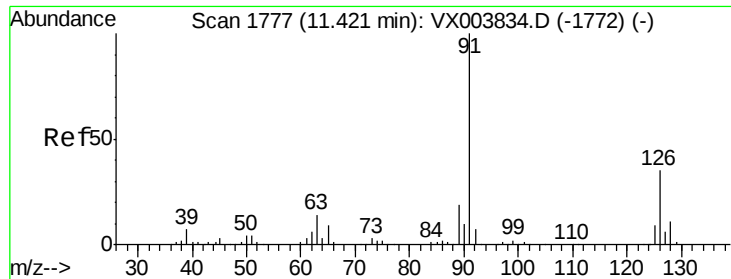
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





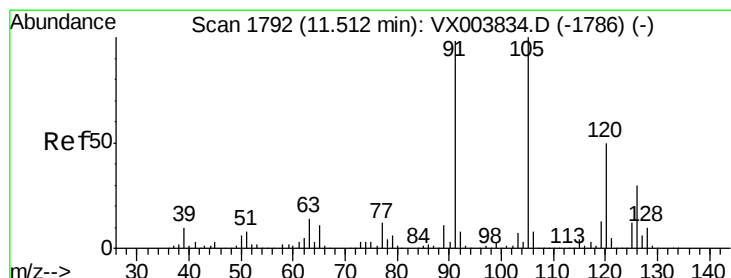
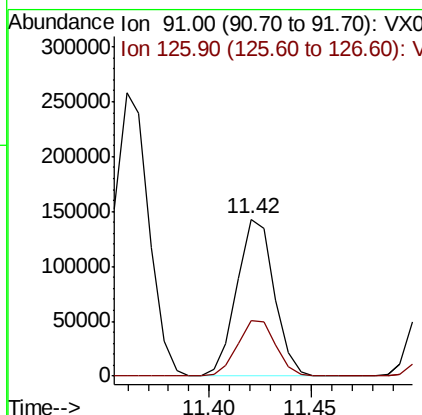
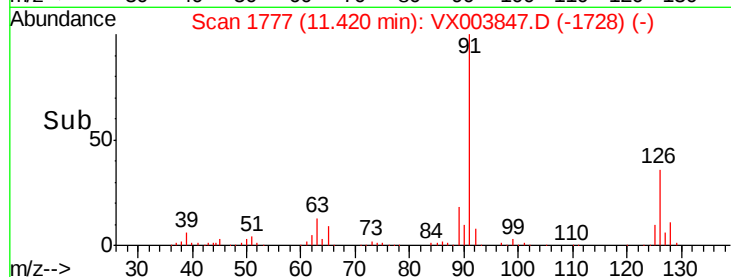
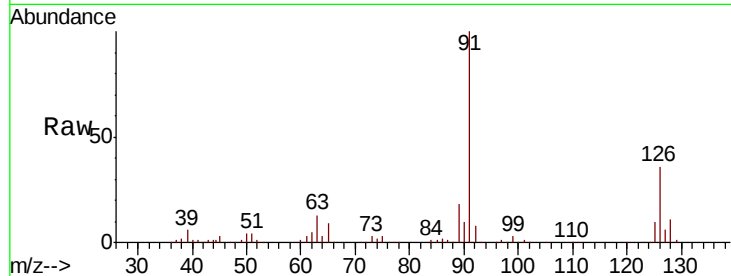
#79
 2-Chlorotoluene
 Concen: 52.42 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 180854
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7

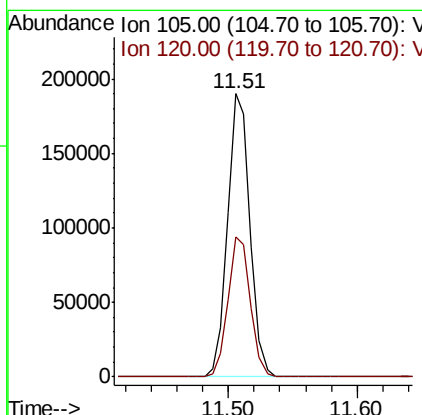
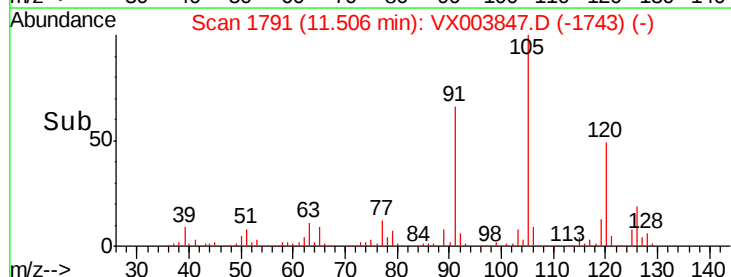
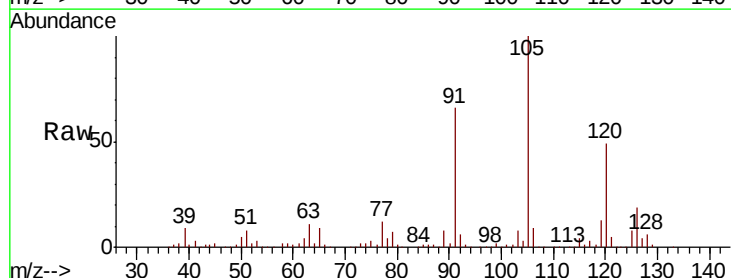
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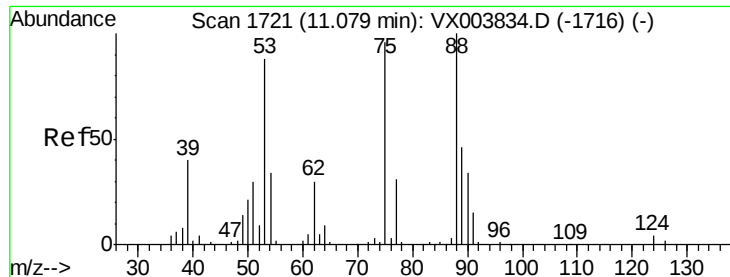
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.89 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion: 105 Resp: 231295
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.8 74.4





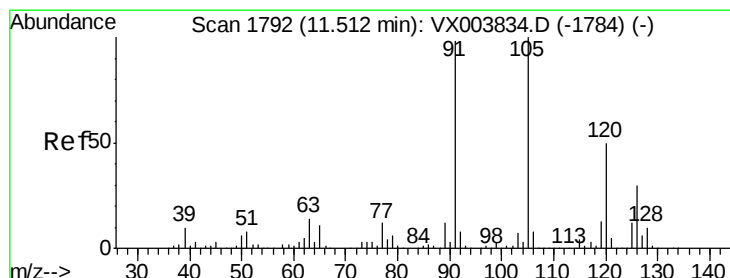
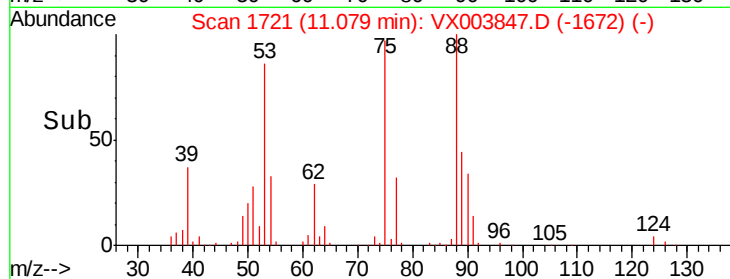
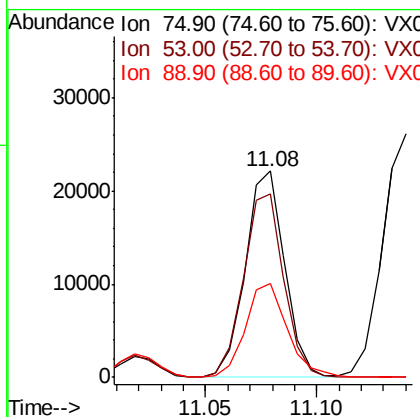
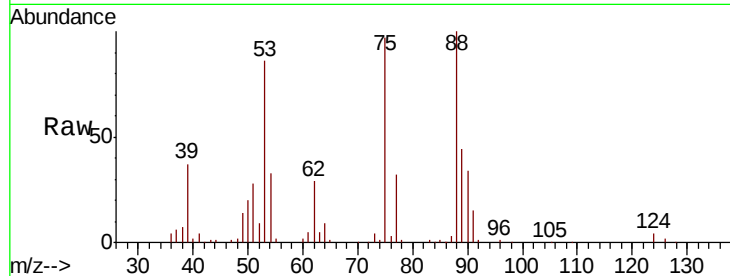
#81
trans-1,4-Dichloro-2-butene
Concen: 55.62 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	74.9	112.3
89	48.4	36.6	54.8

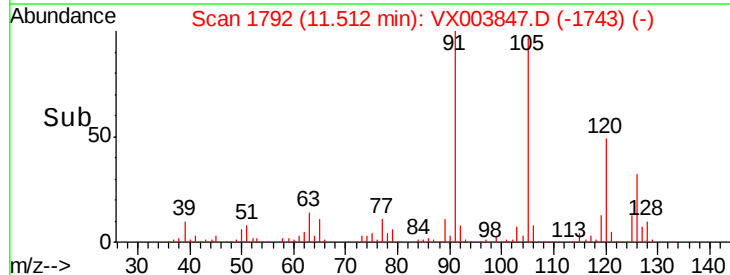
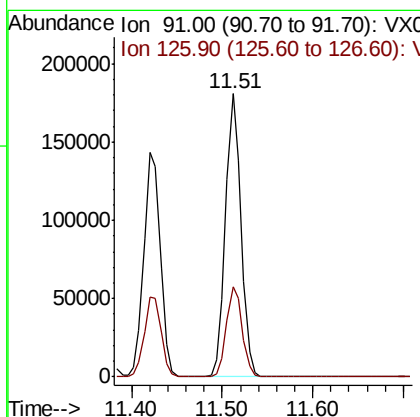
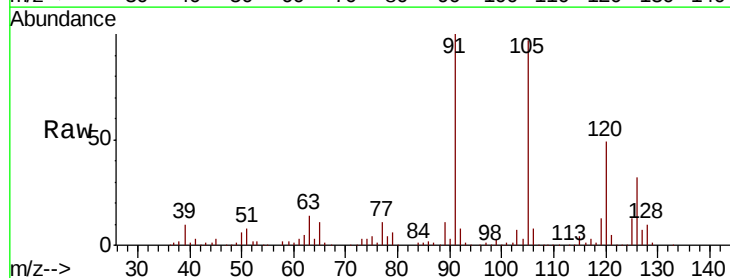
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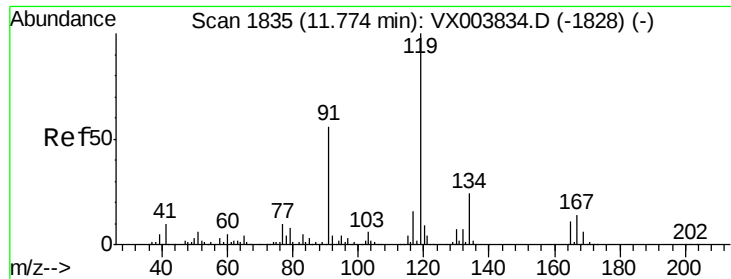
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#82
4-Chlorotoluene
Concen: 54.14 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.0	47.9





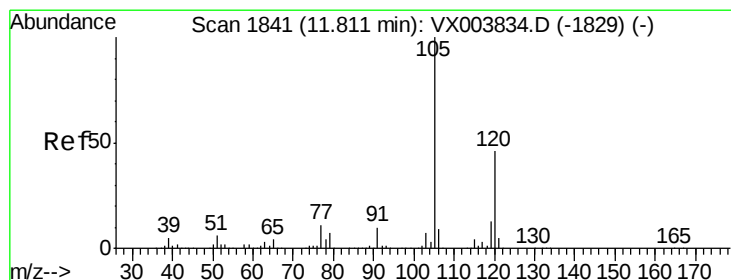
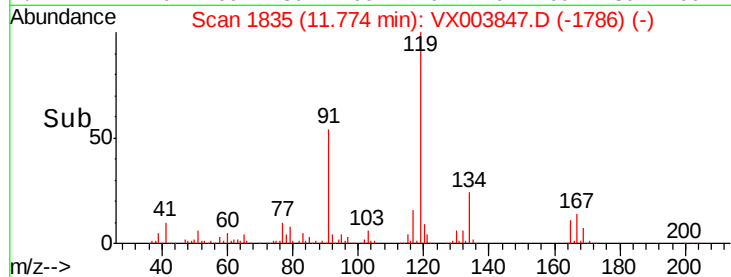
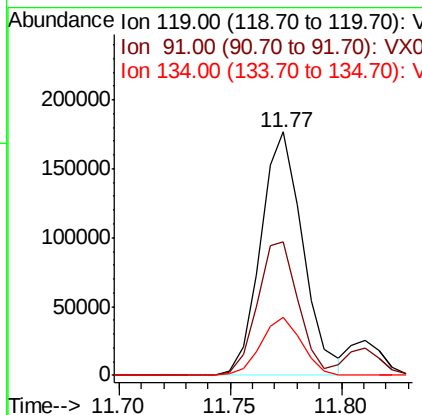
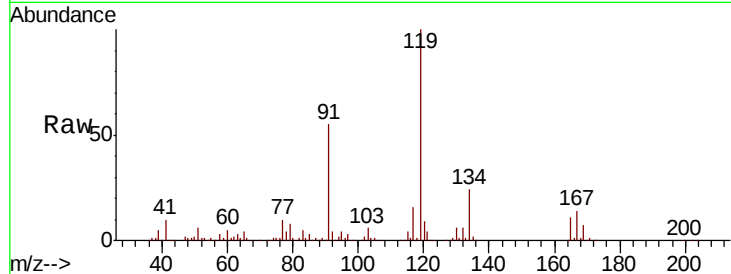
#83
 tert-Butylbenzene
 Concen: 55.96 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232915		
91	53.2	26.6	79.7	
134	23.0	11.6	34.7	

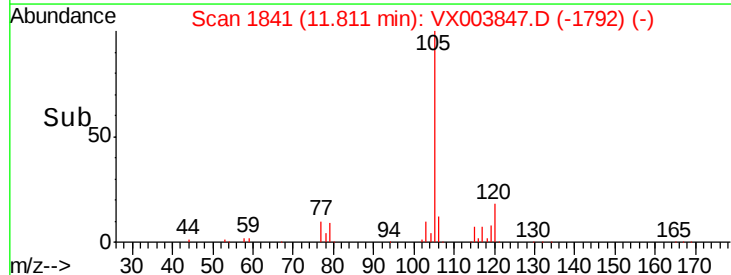
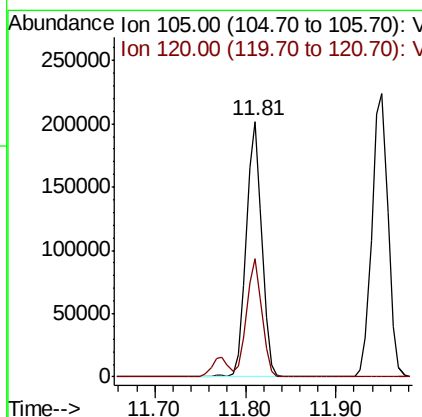
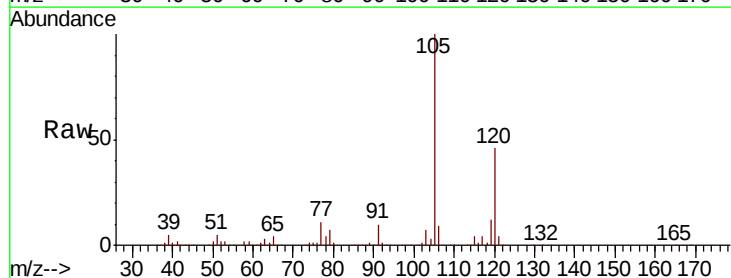
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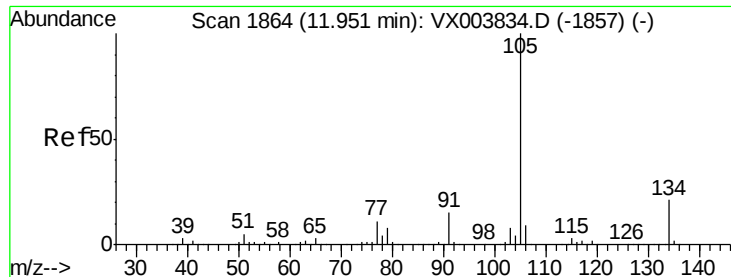
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239072		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 57.46 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 276259

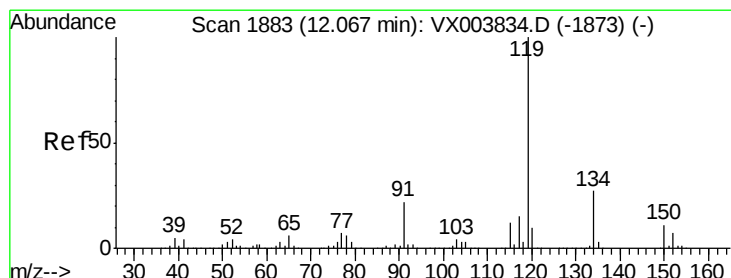
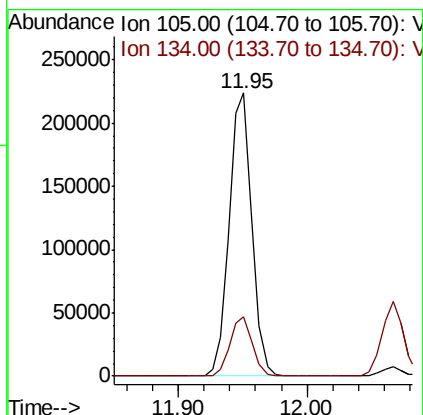
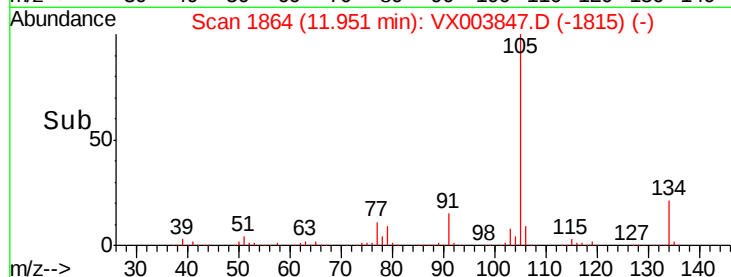
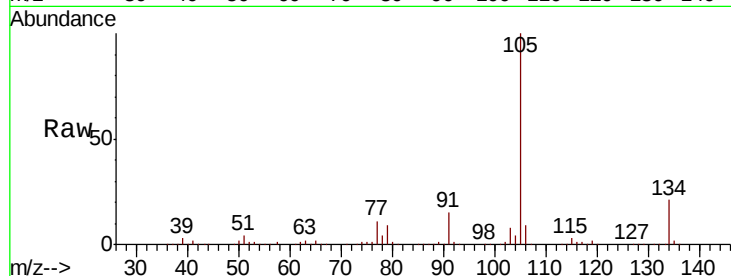
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 58.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

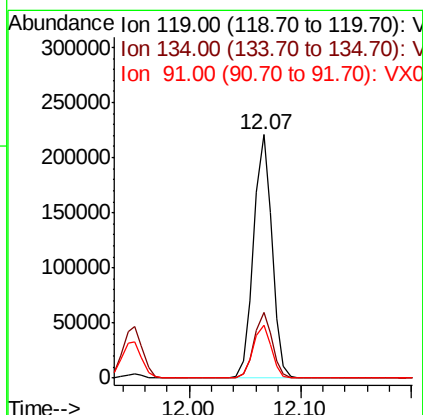
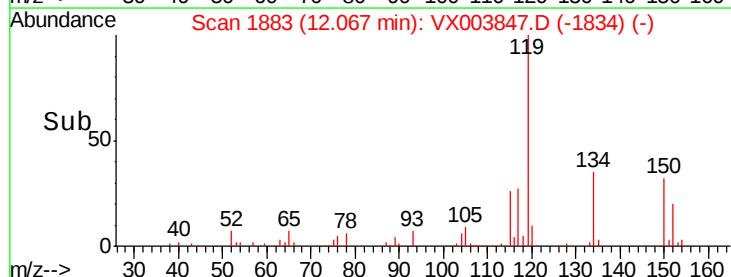
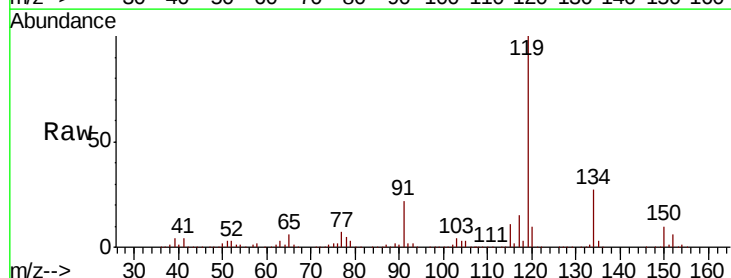
Tgt Ion:119 Resp: 253774

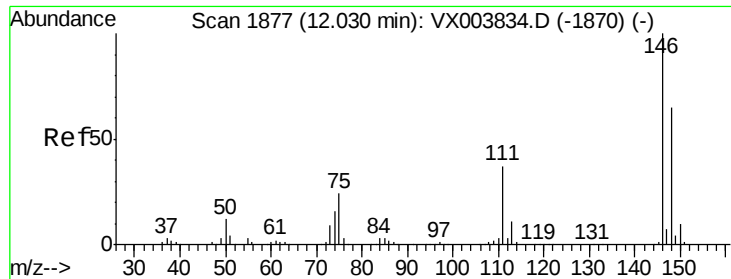
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 21.9 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 52.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Instrument :

MSVOA_X

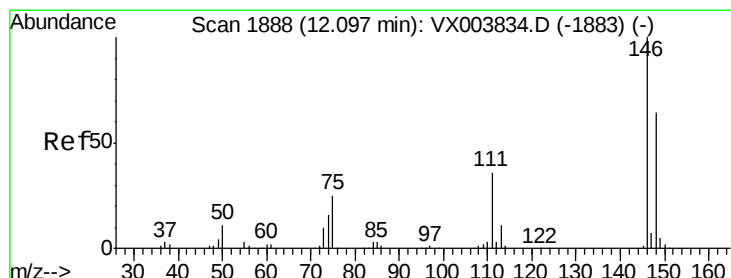
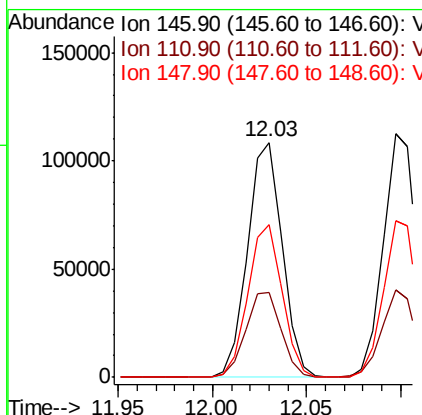
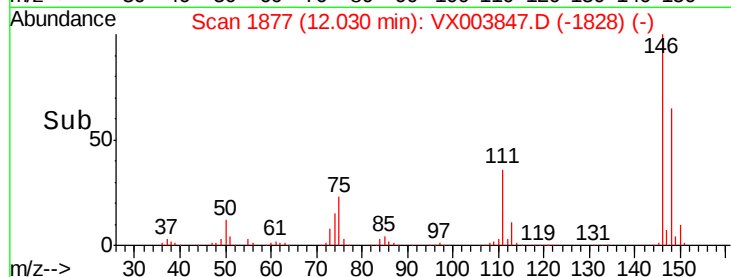
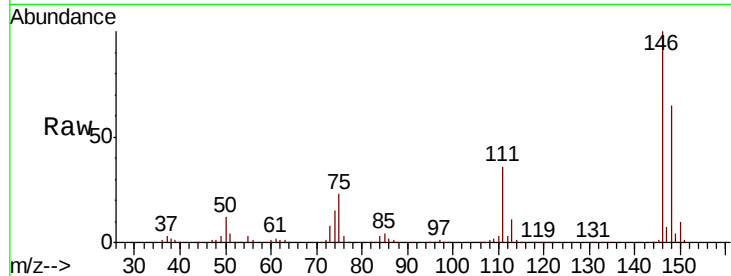
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	138549
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.8	56.4
148	64.5	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 51.97 ug/l

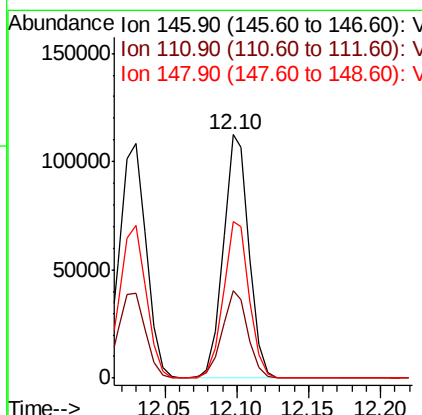
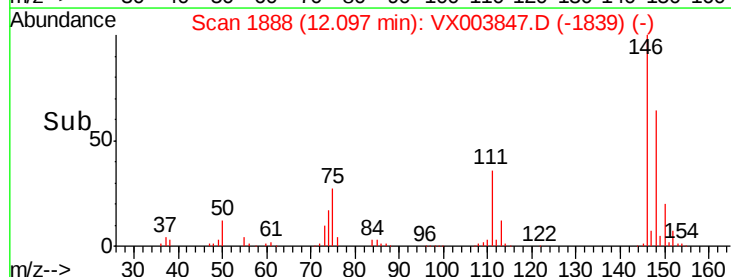
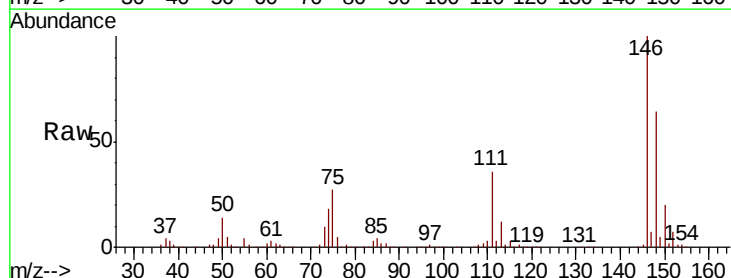
RT: 12.10 min Scan# 1888

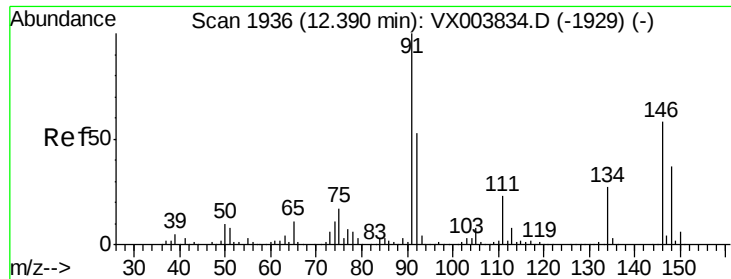
Delta R.T. -0.00 min

Lab File: VX003847.D

Acq: 03 Aug 2018 14:08

Tgt Ion:	146	Resp:	140547
Ion Ratio	Lower	Upper	
146	100		
111	35.9	18.1	54.3
148	64.6	32.1	96.5





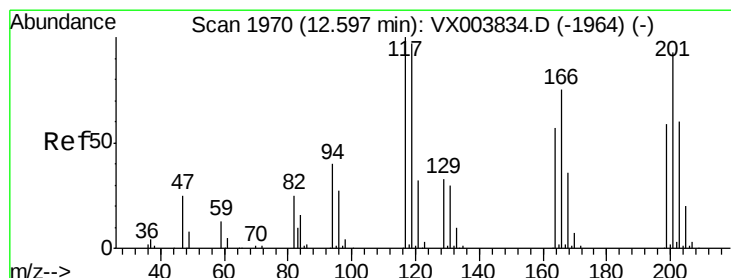
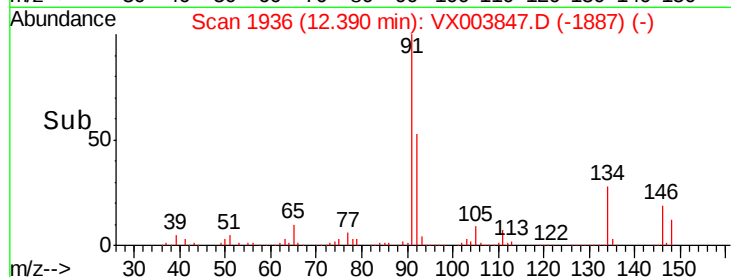
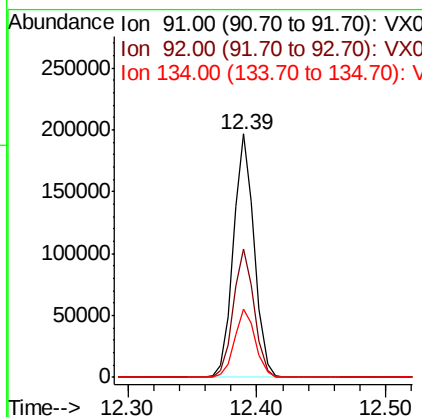
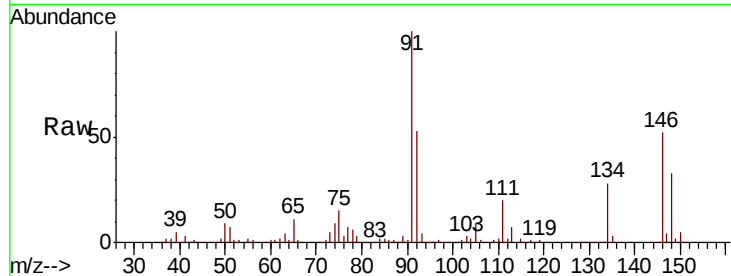
#89
n-Butylbenzene
Concen: 59.29 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.9	13.7	41.0

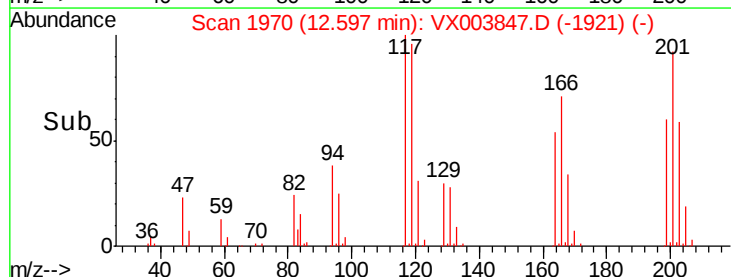
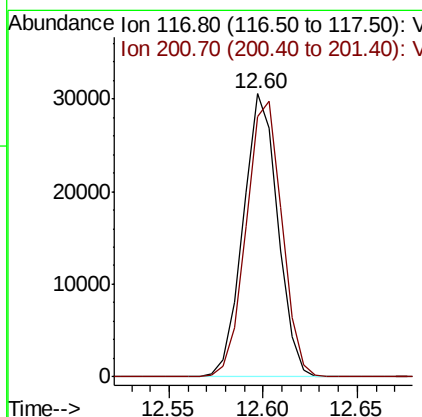
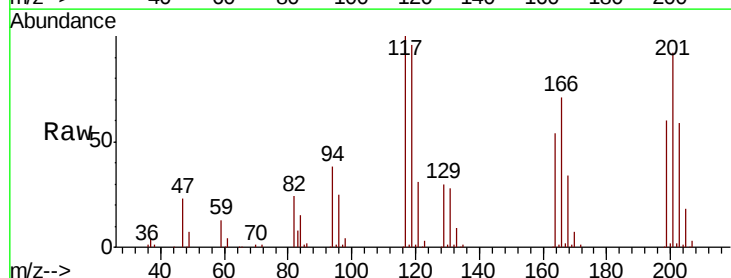
Manual Integrations
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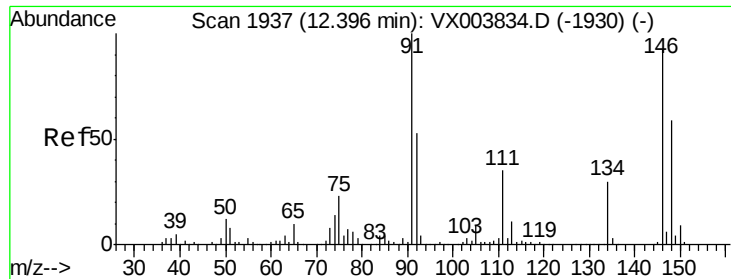
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#90
Hexachloroethane
Concen: 55.16 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.3	49.9	149.6





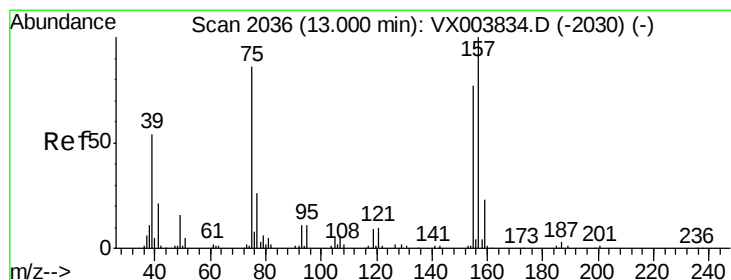
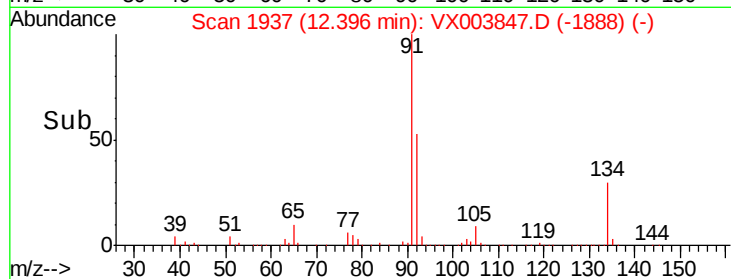
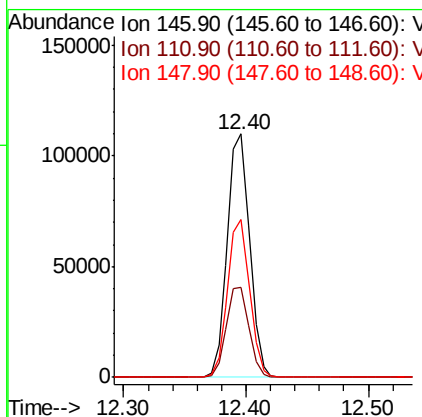
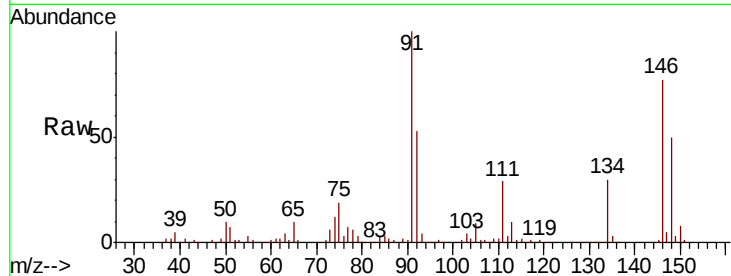
#91
 1,2-Dichlorobenzene
 Concen: 51.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	64.0	32.0	96.2

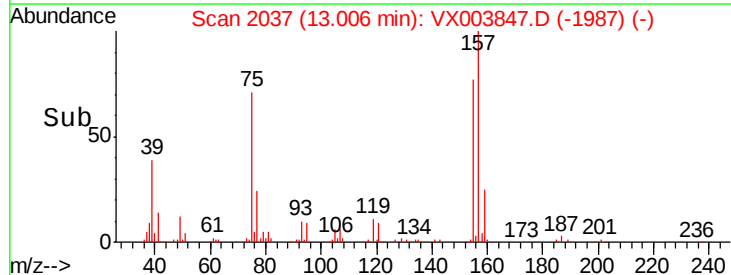
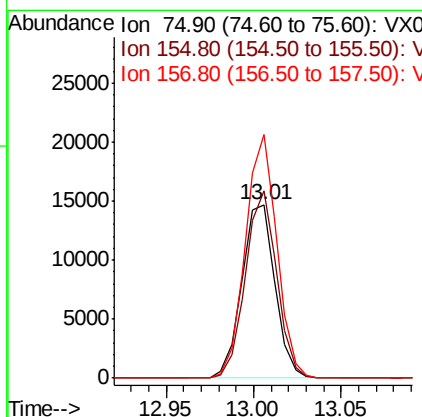
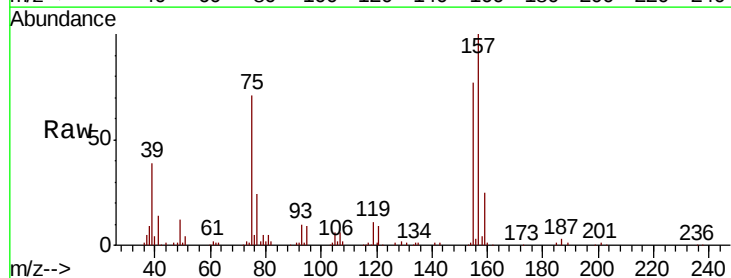
Manual Integrations
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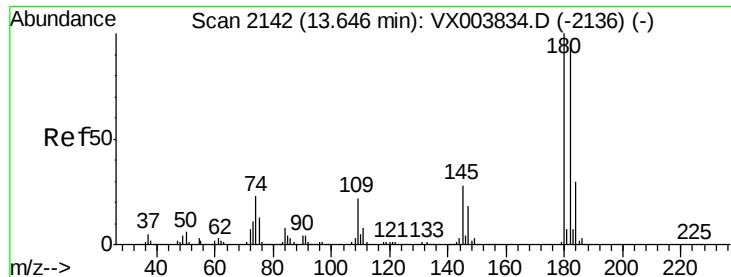
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 8/6/2018 10:47:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.72 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.5	49.5	148.3
157	132.9	64.5	193.5





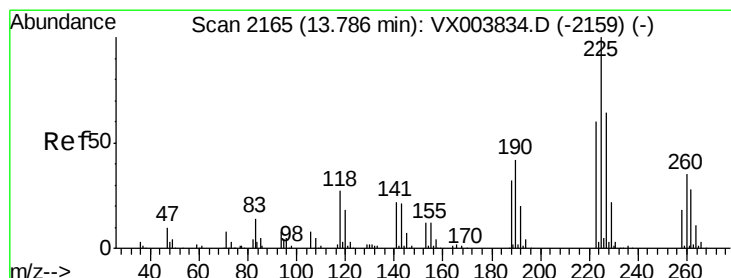
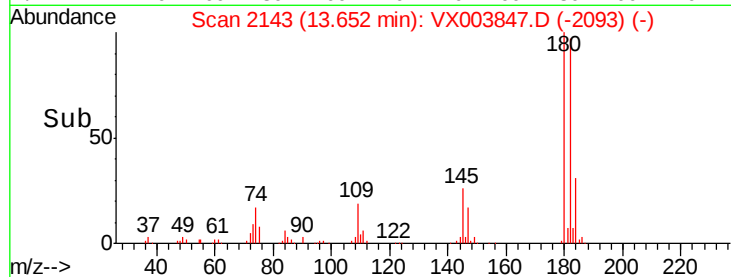
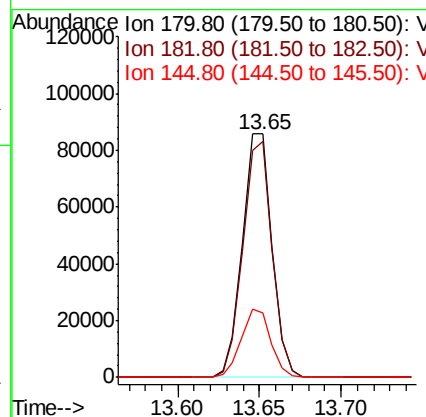
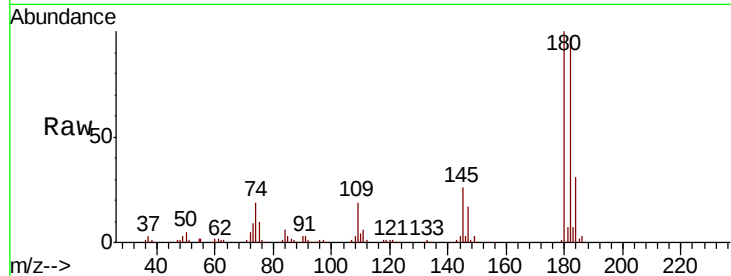
#93
 1,2,4-Trichlorobenzene
 Concen: 57.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	108921
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.6	142.9
145	27.6	13.8	41.3

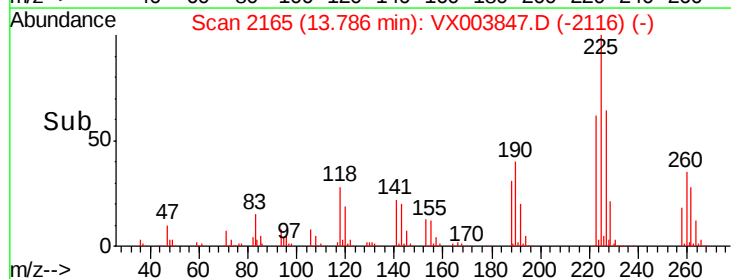
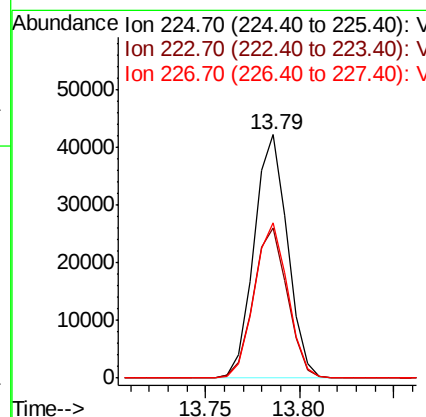
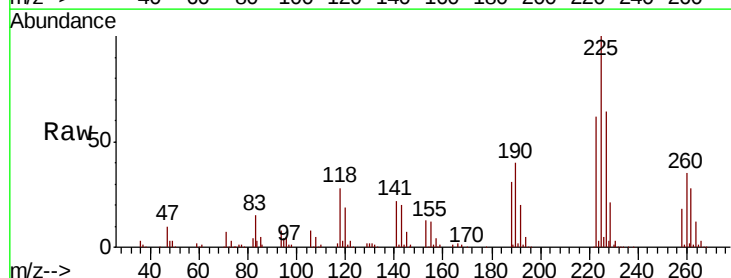
Manual Integrations
 APPROVED

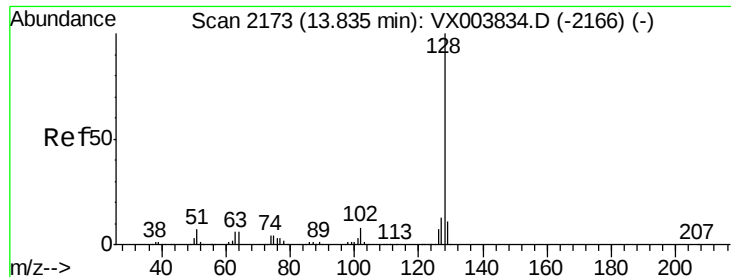
MMDadoda
 8/6/2018 10:47:26 AM



#94
 Hexachlorobutadiene
 Concen: 57.82 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003847.D
 Acq: 03 Aug 2018 14:08

Tgt Ion:	225	Resp:	51688
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.4	91.3
227	63.9	32.2	96.6





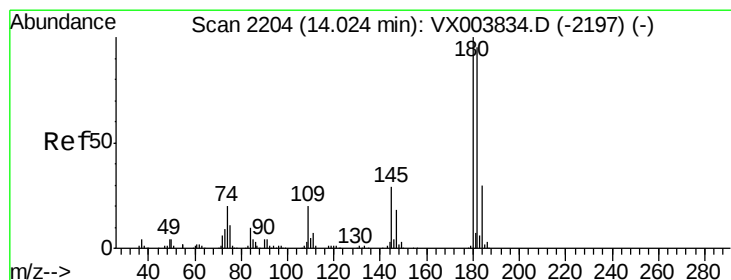
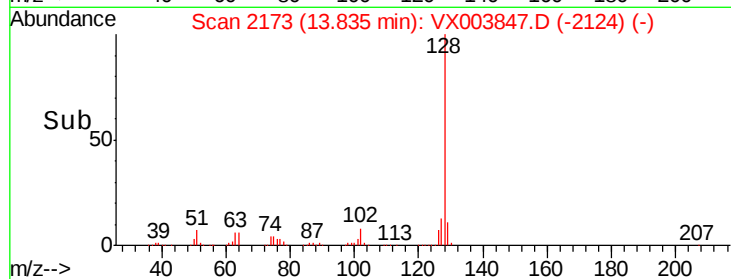
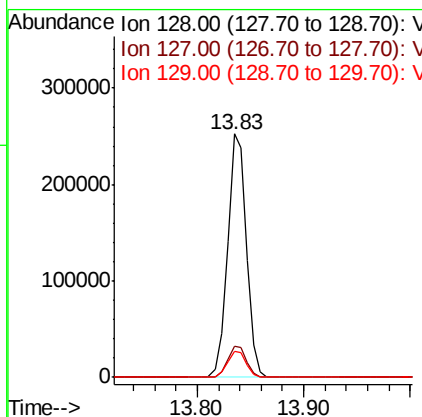
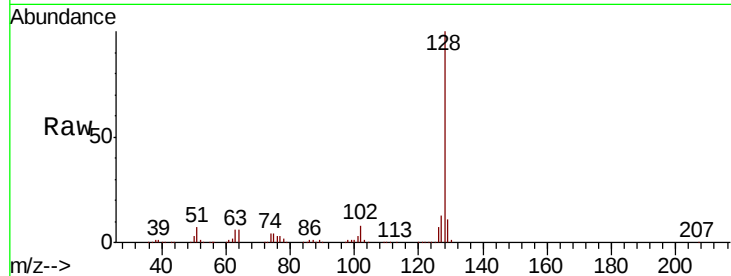
#95
Naphthalene
Concen: 56.40 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/6/2018 10:47:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.04 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003847.D
Acq: 03 Aug 2018 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	29.4	14.6	44.0

