

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001478.D
 Acq On : 07 May 2018 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:34 PM

Quant Time: May 08 07:15:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178649	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.51	113	148028	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.72	98	535053	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	204665	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177943	53.50	ug/l	99
3) Chloromethane	1.32	50	167802	51.80	ug/l	99
4) Vinyl Chloride	1.40	62	174989	51.76	ug/l	100
5) Bromomethane	1.64	94	86908	56.62	ug/l	100
6) Chloroethane	1.71	64	115960	51.89	ug/l	99
7) Trichlorofluoromethane	1.92	101	265223	52.13	ug/l	99
8) Diethyl Ether	2.19	74	105766	53.04	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	152068	50.98	ug/l	100
10) Methyl Iodide	2.51	142	234835	54.56	ug/l	100
11) Tert butyl alcohol	3.09	59	202473	270.41	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144444	52.83	ug/l	97
13) Acrolein	2.30	56	40957	278.83	ug/l	95
14) Allyl chloride	2.73	41	268591	52.69	ug/l	99
15) Acrylonitrile	3.15	53	448665	265.18	ug/l	100
16) Acetone	2.45	43	412027	255.51	ug/l	100
17) Carbon Disulfide	2.57	76	360769	51.85	ug/l	99
18) Methyl Acetate	2.78	43	232815	54.95	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	504464	53.00	ug/l	99
20) Methylene Chloride	2.85	84	161141	50.47	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	153740	50.39	ug/l	99
22) Diisopropyl ether	3.88	45	505160	53.04	ug/l	99
23) Vinyl Acetate	3.83	43	2140517	269.67	ug/l	100
24) 1,1-Dichloroethane	3.70	63	269239	50.61	ug/l	100
25) 2-Butanone	4.72	43	618825	265.48	ug/l	99
26) 2,2-Dichloropropane	4.59	77	195762	47.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170191	52.37	ug/l	96
28) Bromochloromethane	5.03	49	119104	51.63	ug/l	99
29) Tetrahydrofuran	5.18	42	399124	267.61	ug/l	100
30) Chloroform	5.22	83	292935	53.45	ug/l	100
31) Cyclohexane	5.58	56	240765	52.69	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	264218	55.16	ug/l	100
36) 1,1-Dichloropropene	5.81	75	212337	51.25	ug/l	99
37) Ethyl Acetate	4.87	43	236652	52.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	238389	53.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250785	51.20	ug/l	99
40) Benzene	6.15	78	638501	52.76	ug/l	100
41) Methacrylonitrile	5.07	41	134957	51.93	ug/l	100
42) 1,2-Dichloroethane	6.21	62	245110	52.70	ug/l	100
43) Isopropyl Acetate	6.48	43	375979	53.92	ug/l	99
44) Trichloroethene	7.22	130	191117	51.67	ug/l	97
45) 1,2-Dichloropropane	7.52	63	161812	53.63	ug/l	99
46) Dibromomethane	7.67	93	113029	52.92	ug/l	99
47) Bromodichloromethane	7.90	83	218104	55.18	ug/l	100
48) Methyl methacrylate	7.79	41	205750	54.19	ug/l	99
49) 1,4-Dioxane	7.76	88	89829	1095.16	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1270161	274.14	ug/l	99
52) Toluene	8.79	92	426153	53.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	252354	56.49	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	234330	50.70	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	170460	53.47	ug/l	98
56) Ethyl methacrylate	9.19	69	256153	55.74	ug/l	100
57) 1,3-Dichloropropane	9.38	76	278968	52.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	625407	277.46	ug/l	99
59) 2-Hexanone	9.51	43	961950	271.13	ug/l	100
60) Dibromochloromethane	9.59	129	184254	56.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180467	53.91	ug/l	99
64) Tetrachloroethene	9.34	164	228786	52.96	ug/l	99
65) Chlorobenzene	10.15	112	477884	52.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	181561	55.84	ug/l	98
67) Ethyl Benzene	10.26	91	791660	53.14	ug/l	100
68) m/p-Xylenes	10.37	106	636640	108.15	ug/l	100
69) o-Xylene	10.71	106	309184	54.04	ug/l	99
70) Styrene	10.72	104	516027	55.52	ug/l	99
71) Bromoform	10.87	173	150188	48.17	ug/l #	99
73) Isopropylbenzene	11.02	105	829330	53.58	ug/l	100
74) N-amyl acetate	6.48	43	375979	53.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247352	54.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	242015m	53.37	ug/l	
77) Bromobenzene	11.26	156	236120	52.47	ug/l	99
78) n-propylbenzene	11.37	91	923541	54.79	ug/l	100
79) 2-Chlorotoluene	11.43	91	548175	52.85	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	698918	54.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67189	47.48	ug/l	98
82) 4-Chlorotoluene	11.52	91	646287	54.01	ug/l	100
83) tert-Butylbenzene	11.77	119	699194	54.53	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	724016	54.66	ug/l	100
85) sec-Butylbenzene	11.95	105	841999	54.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	775399	54.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	421798	52.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	430498	52.47	ug/l	100
89) n-Butylbenzene	12.40	91	631399	53.97	ug/l	100
90) Hexachloroethane	12.60	117	118762	55.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	433824	53.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58588	58.33	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	323282	53.98	ug/l	100
94) Hexachlorobutadiene	13.79	225	169709	51.79	ug/l	99
95) Naphthalene	13.84	128	942554	56.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	335229	54.55	ug/l	100

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

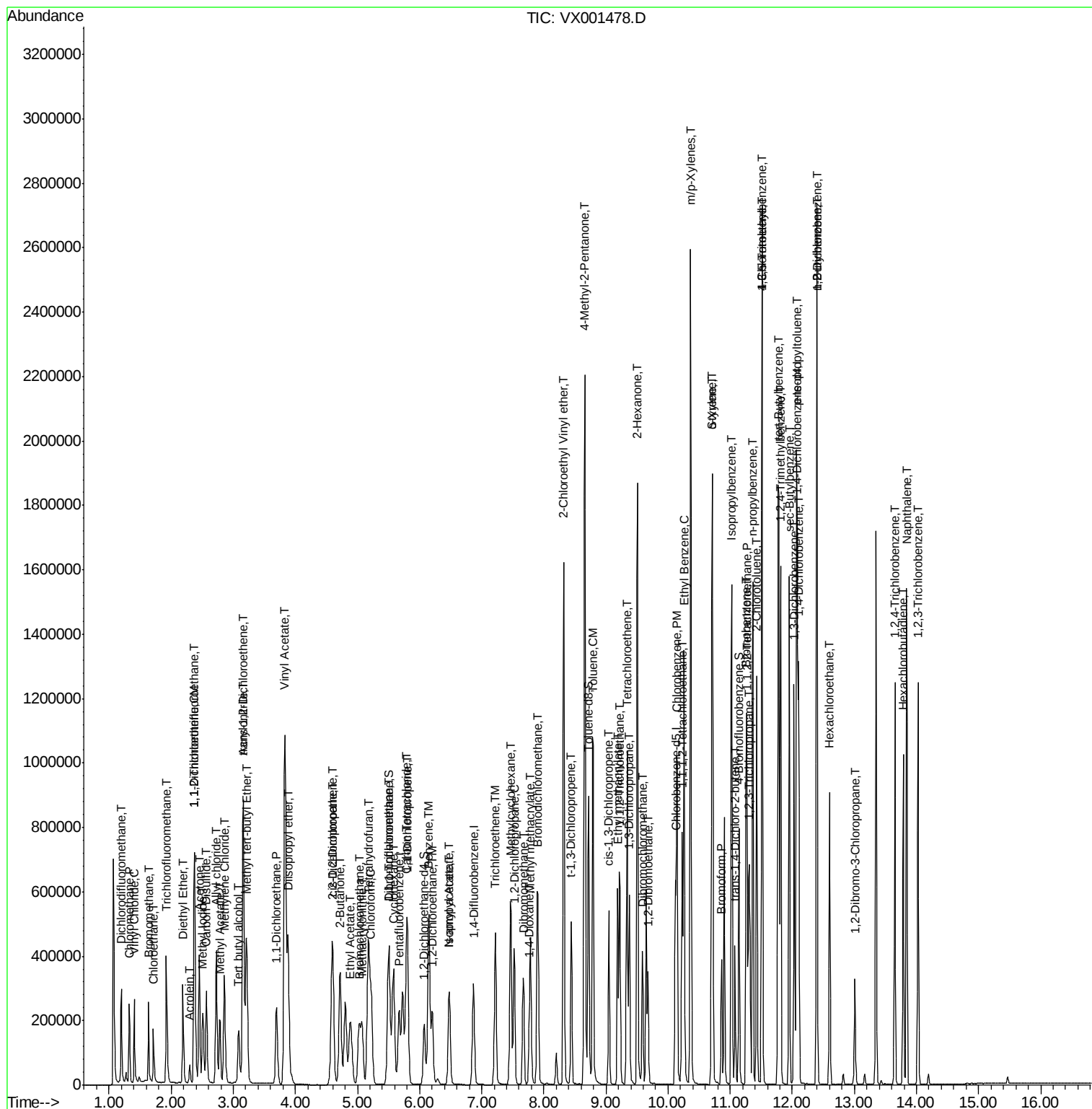
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
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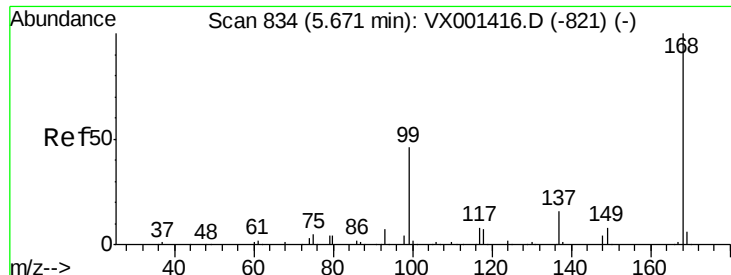
Instrument :
MSVOA_X
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Manual Integrations APPROVED

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 247078

Ion Ratio Lower Upper

168 100

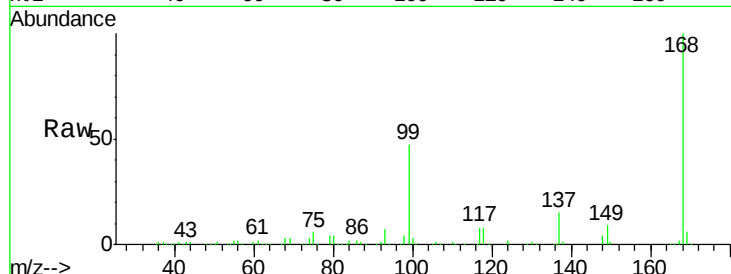
99 46.5 36.6 54.8

Manual Integrations

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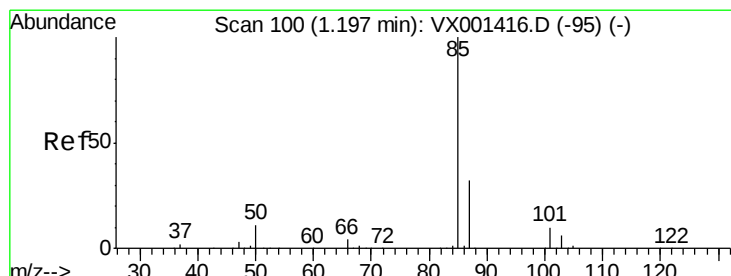
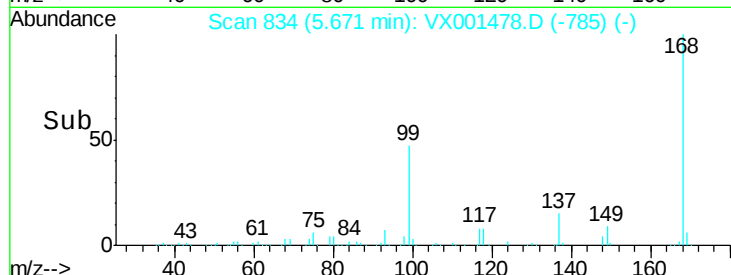
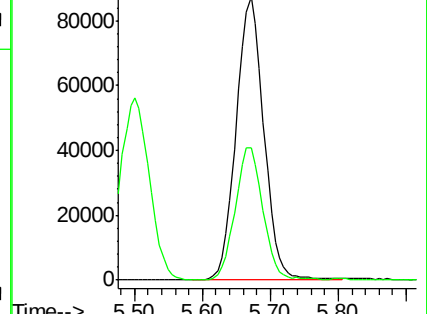
5/9/2018 5:47:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#2

Dichlorodifluoromethane

Concen: 53.50 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001478.D

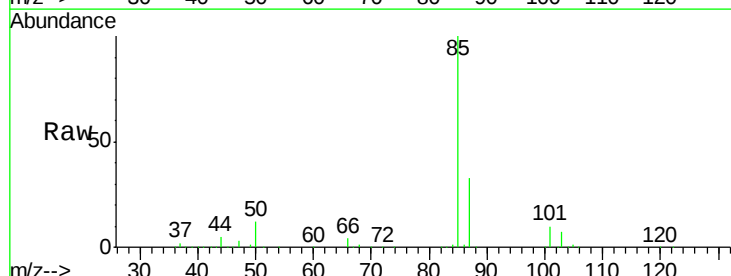
Acq: 07 May 2018 20:40

Tgt Ion: 85 Resp: 177943

Ion Ratio Lower Upper

85 100

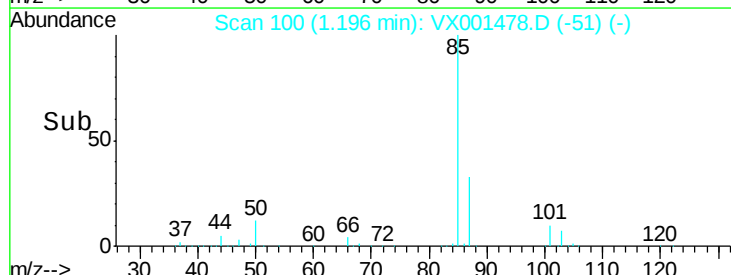
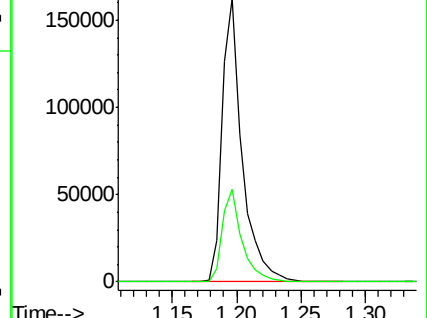
87 32.7 16.2 48.6

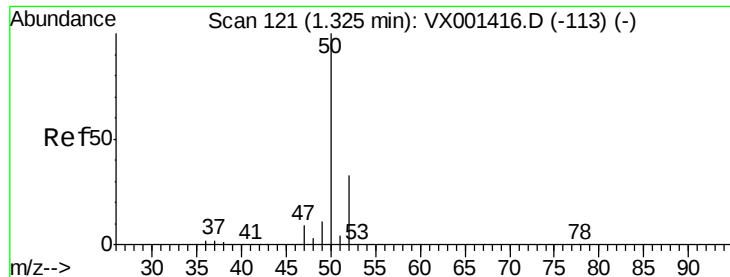


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20





#3

Chloromethane

Concen: 51.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 167802

Ion Ratio Lower Upper

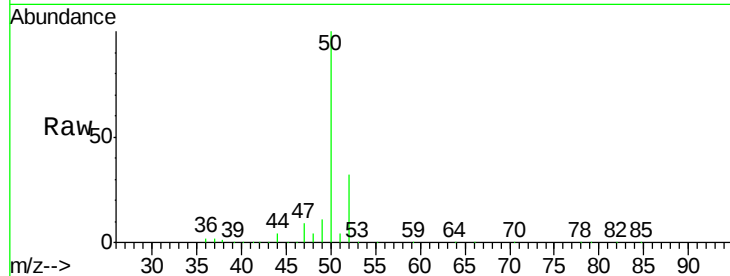
50 100

52 32.2 26.2 39.4

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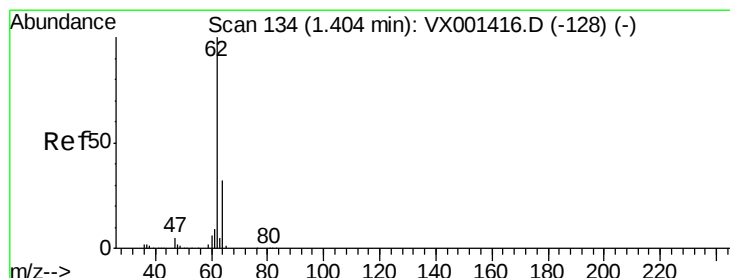
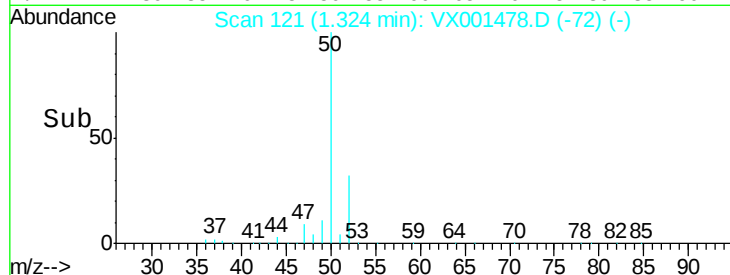
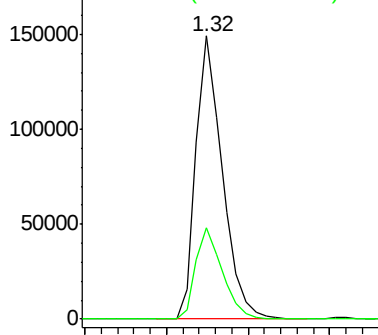
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001478.D

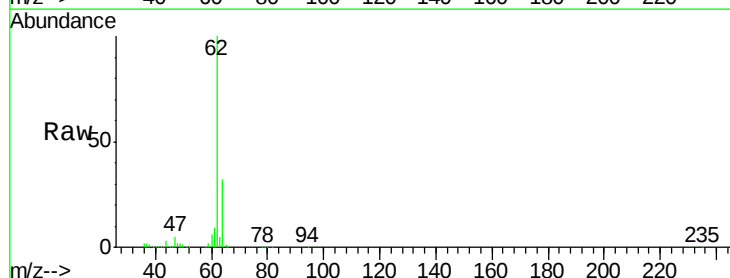
Acq: 07 May 2018 20:40

Tgt Ion: 62 Resp: 174989

Ion Ratio Lower Upper

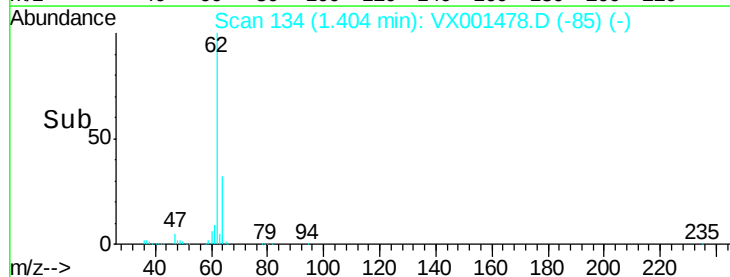
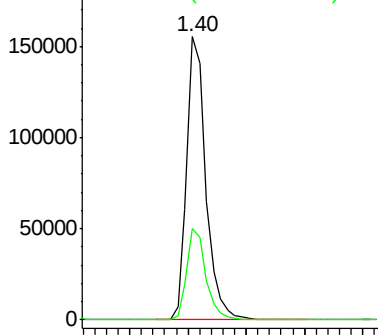
62 100

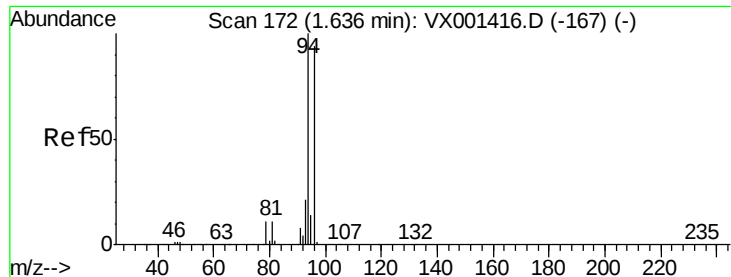
64 32.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86908

Ion Ratio Lower Upper

94 100

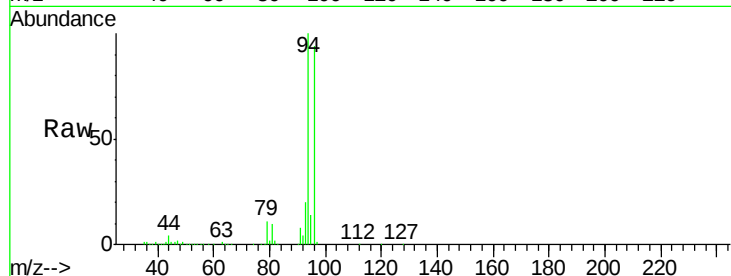
96 94.1 75.0 112.6

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

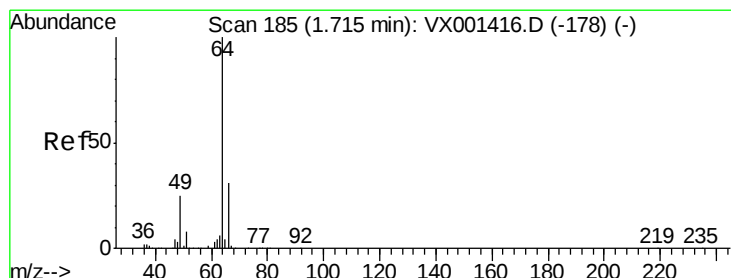
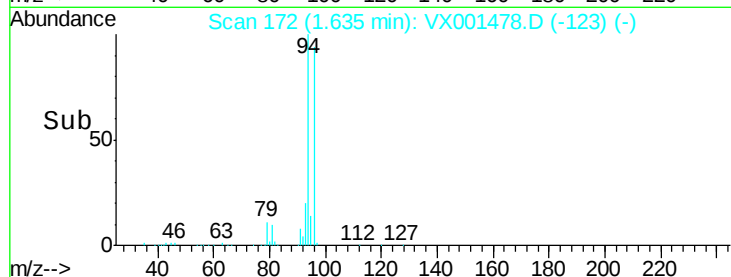
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40000

20000

0

Time-->



#6

Chloroethane

Concen: 51.89 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001478.D

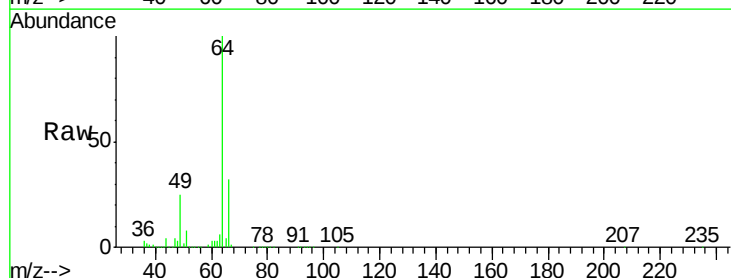
Acq: 07 May 2018 20:40

Tgt Ion: 64 Resp: 115960

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

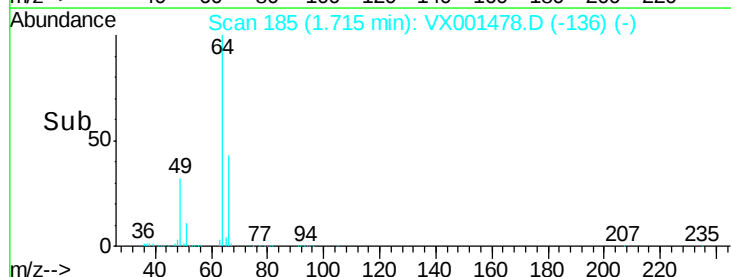
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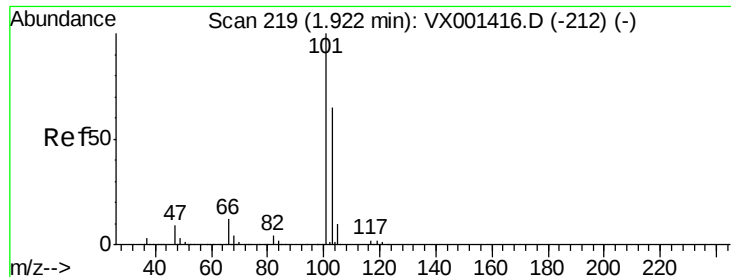
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Time-->





#7

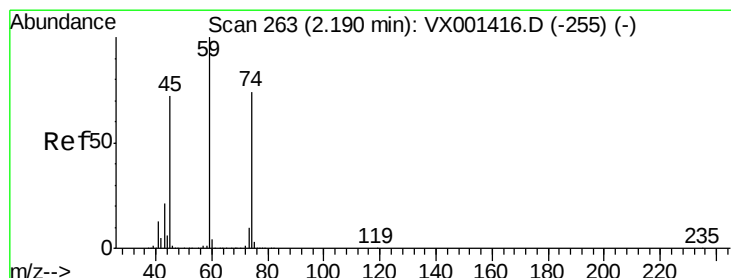
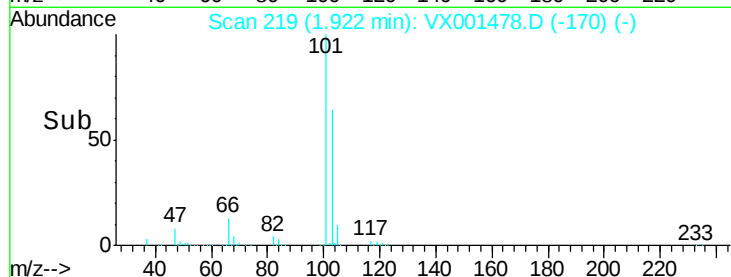
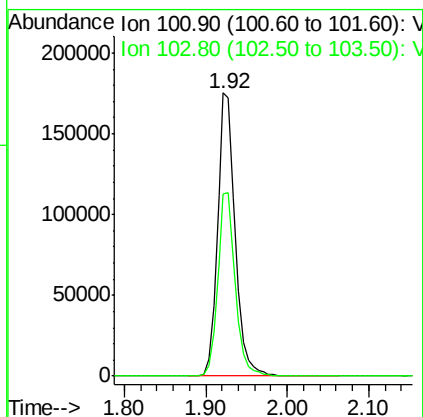
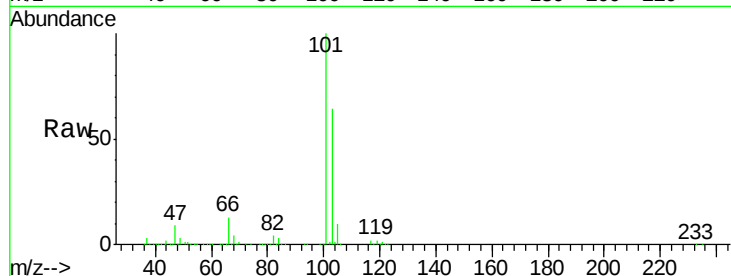
Trichlorofluoromethane
Concen: 52.13 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.0	78.0

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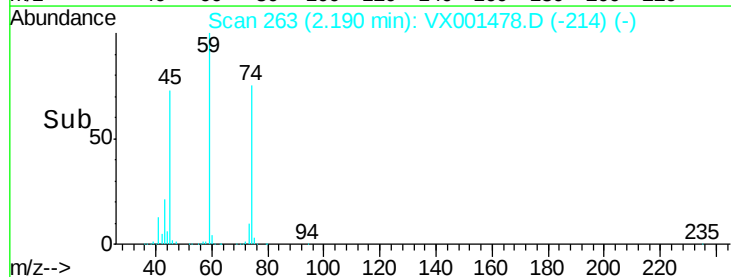
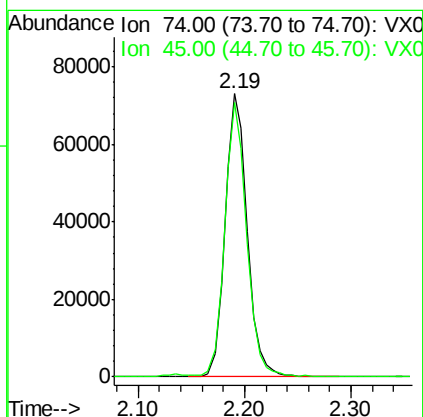
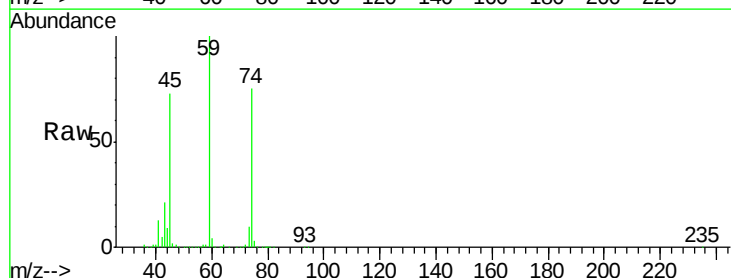
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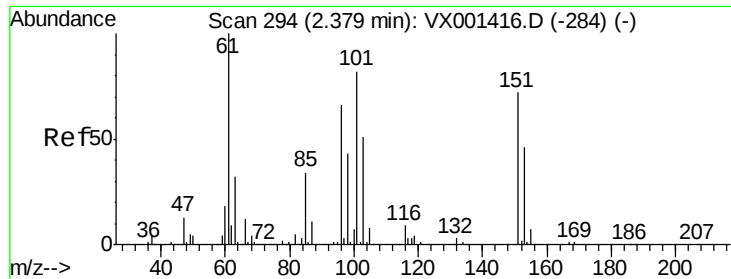


#8

Diethyl Ether
Concen: 53.04 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001478.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	47.9	143.6





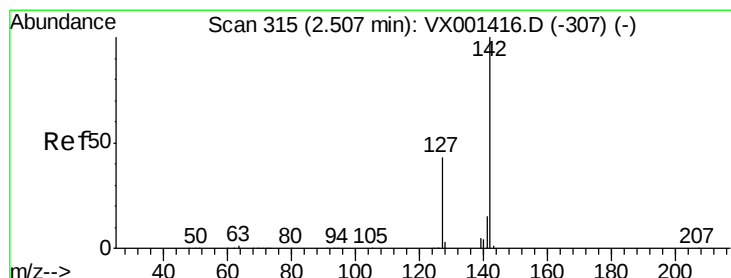
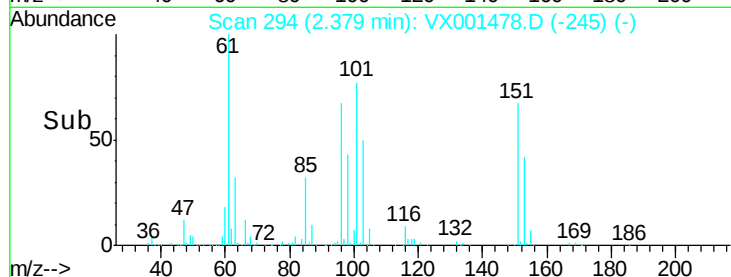
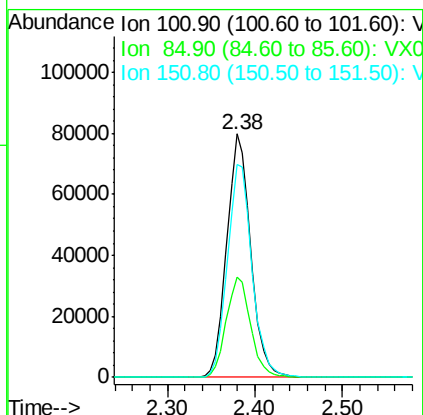
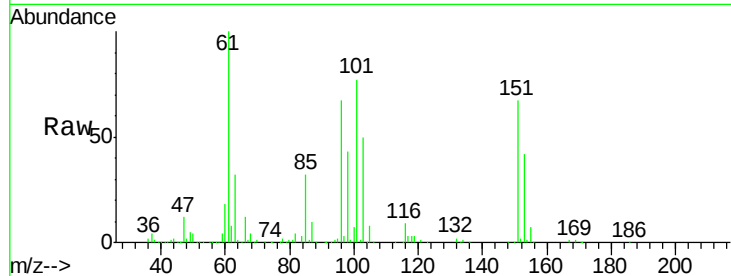
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.98 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	152068		
85	41.9	33.7	50.5	
151	90.1	72.3	108.5	

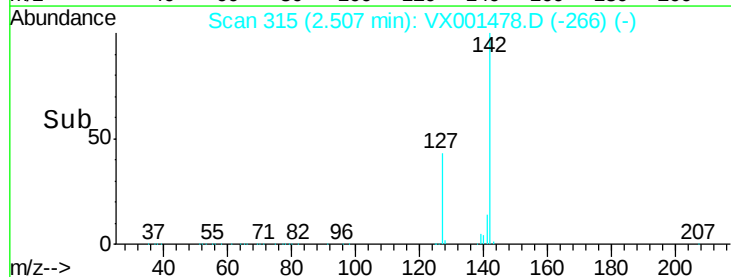
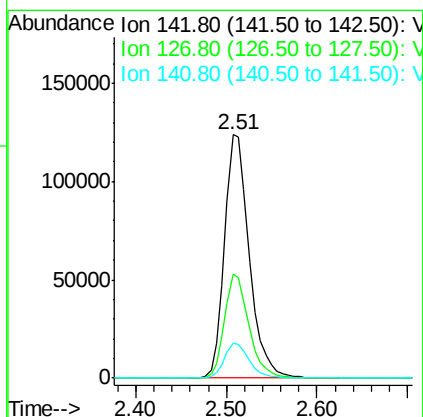
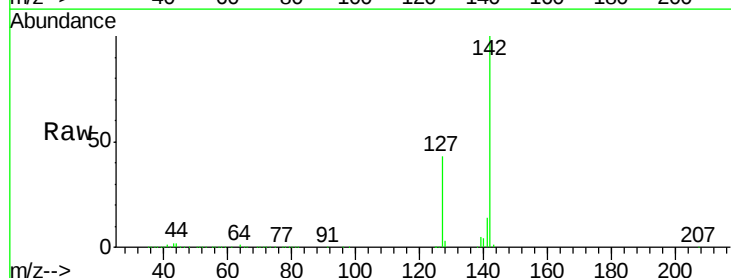
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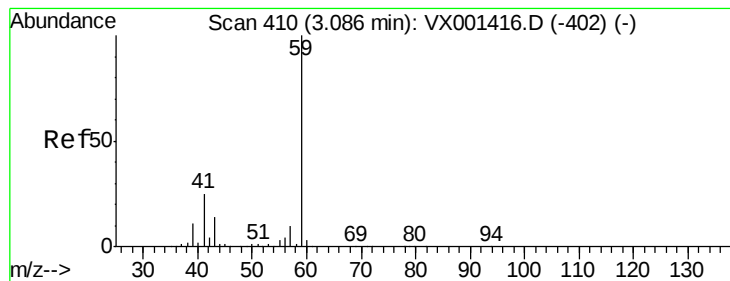
MMDadoda
5/9/2018 5:47:34 PM



#10
Methyl Iodide
Concen: 54.56 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	234835		
127	42.1	33.6	50.4	
141	14.4	11.4	17.2	





#11

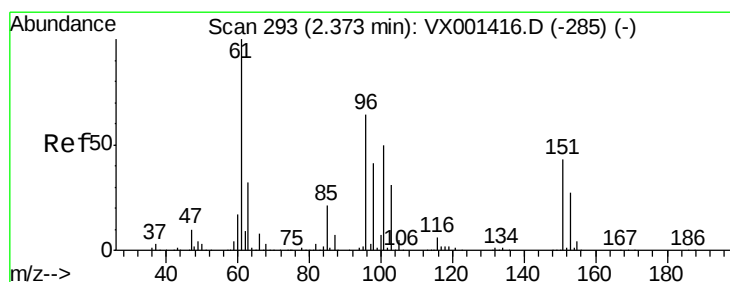
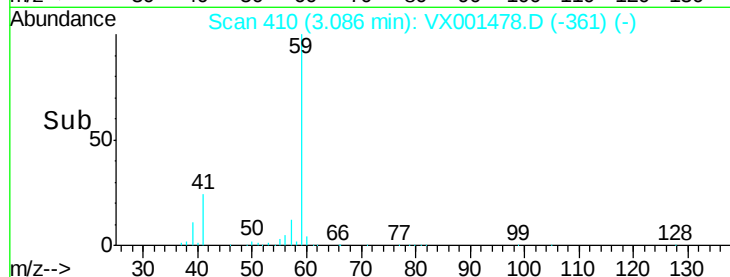
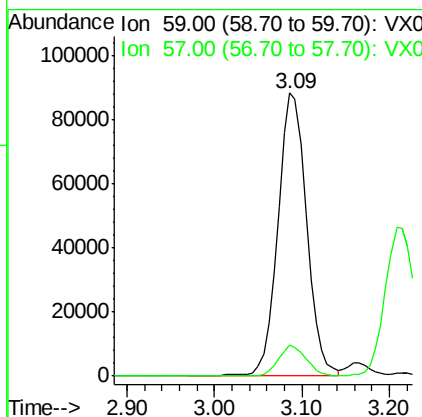
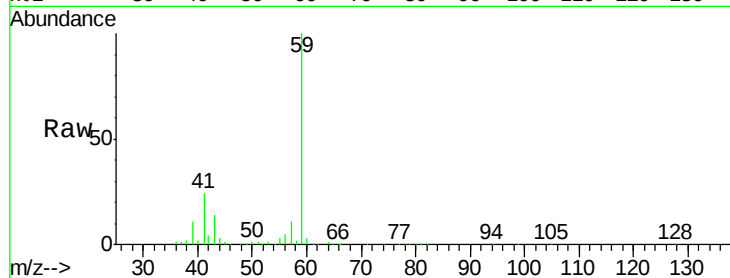
Tert butyl alcohol
Concen: 270.41 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	202473
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

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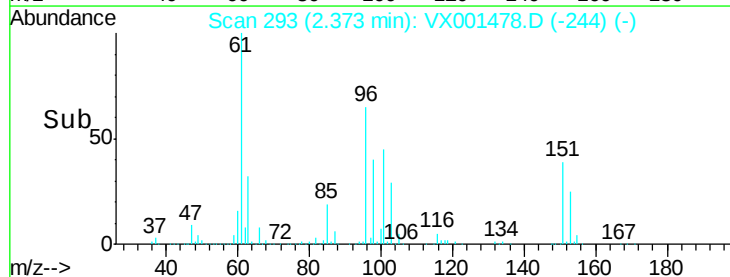
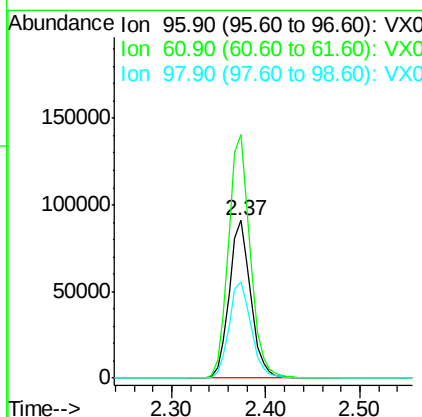
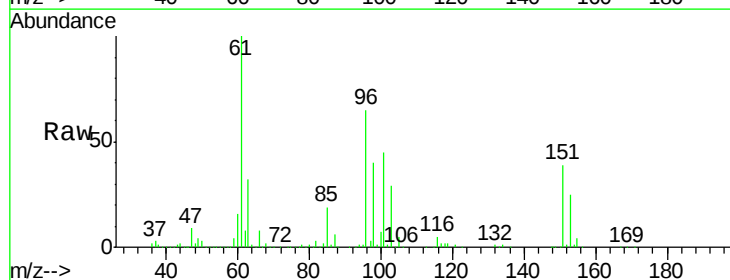
MMDadoda
5/9/2018 5:47:34 PM

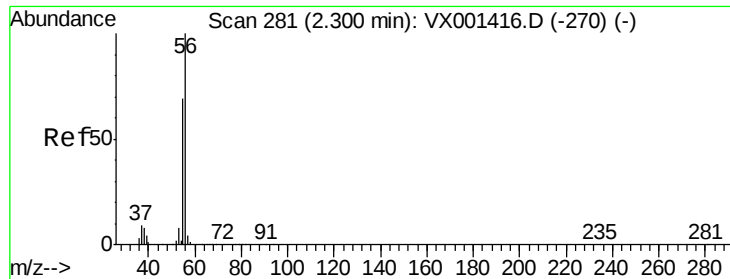


#12

1,1-Dichloroethene
Concen: 52.83 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	96	Resp	144444
Ion Ratio	100	Lower	Upper
61	154.8	125.7	188.5
98	61.5	52.0	78.0





#13

Acrolein

Concen: 278.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40957

Ion Ratio Lower Upper

56 100

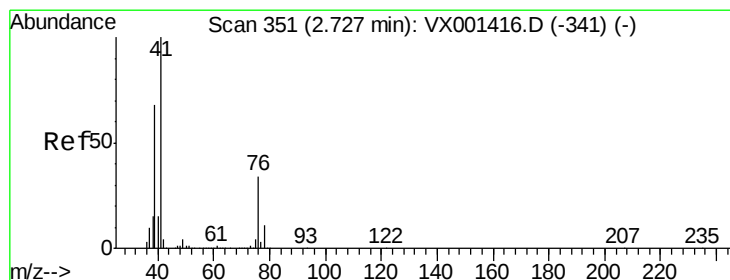
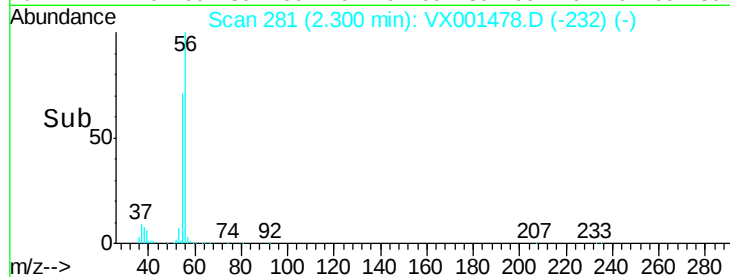
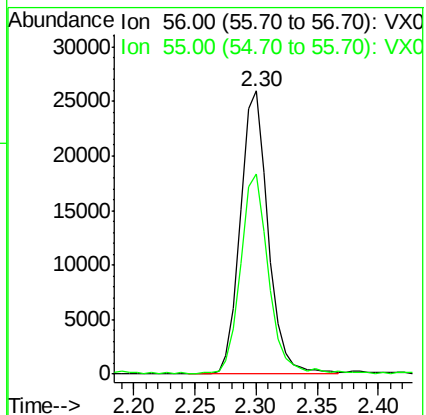
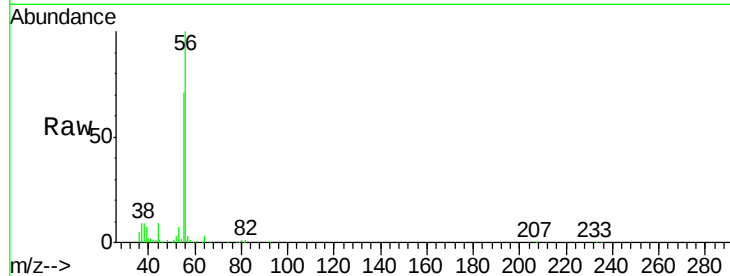
55 72.0 54.5 81.7

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#14

Allyl chloride

Concen: 52.69 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

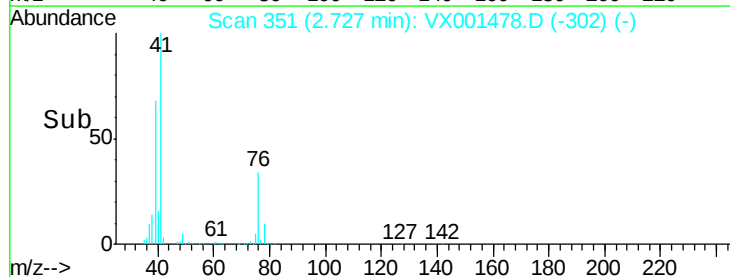
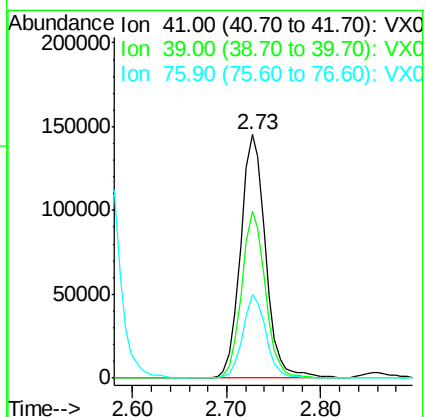
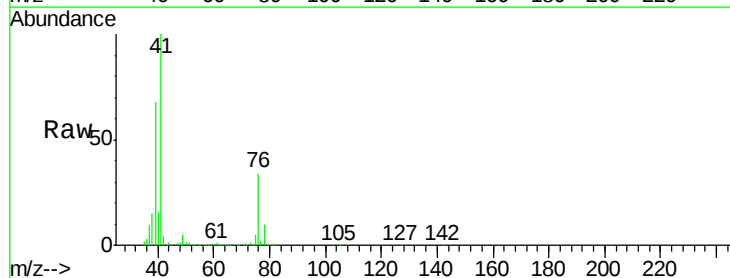
Tgt Ion: 41 Resp: 268591

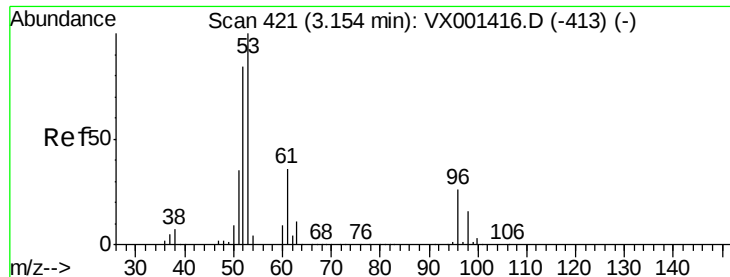
Ion Ratio Lower Upper

41 100

39 64.8 52.4 78.6

76 31.7 25.8 38.6





#15

Acrylonitrile

Concen: 265.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

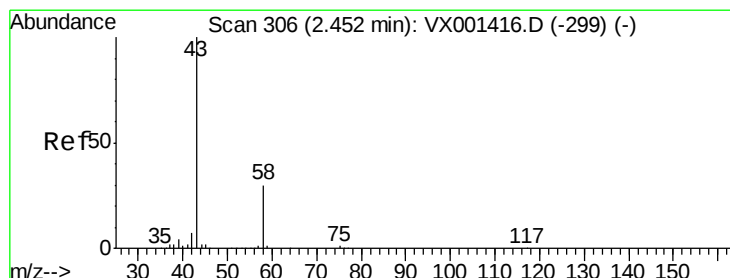
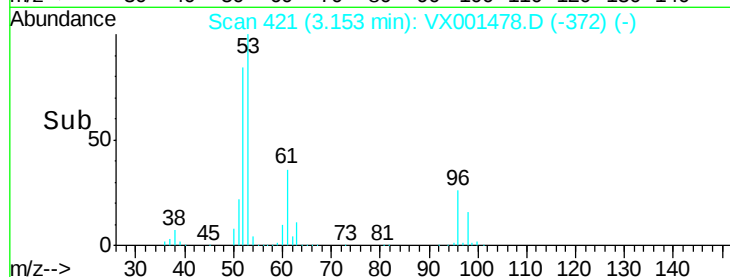
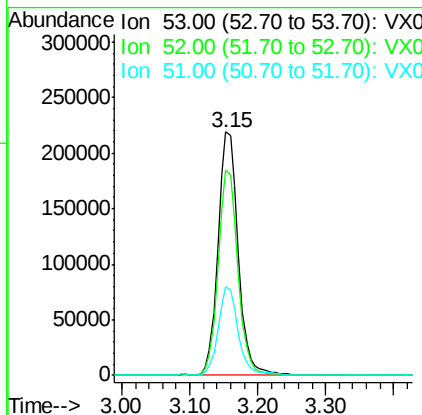
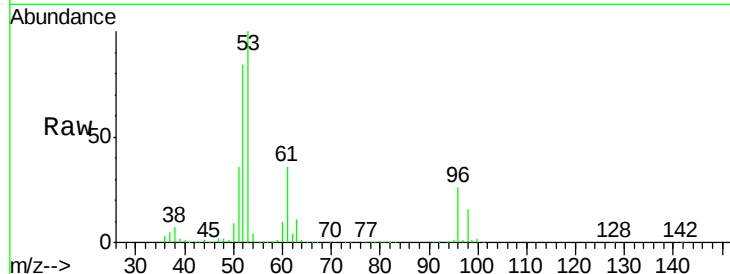
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	448665
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	36.1	28.6	43.0

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#16

Acetone

Concen: 255.51 ug/l

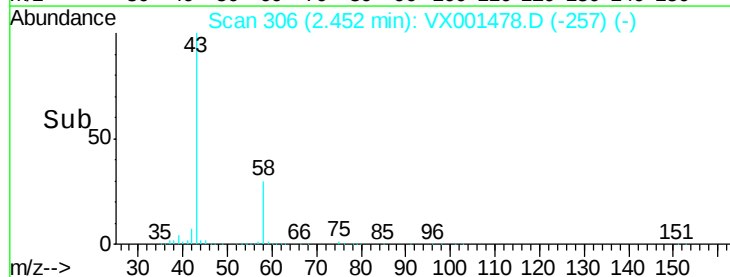
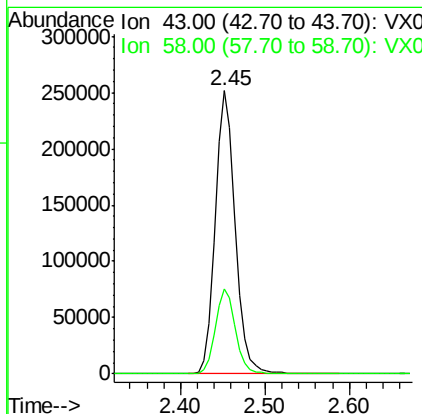
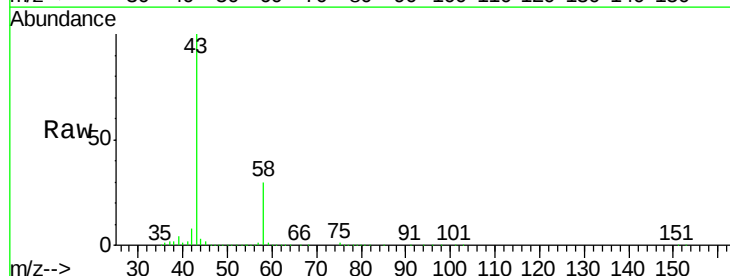
RT: 2.45 min Scan# 306

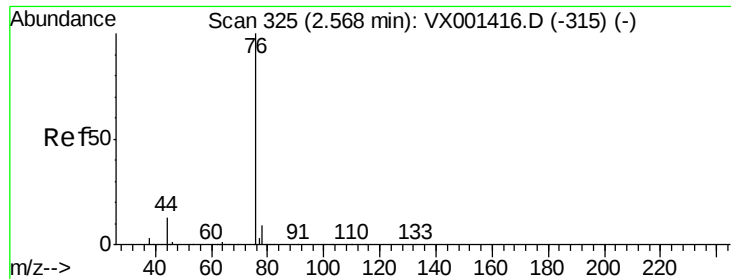
Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	43	Resp:	412027
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.8	35.8





#17

Carbon Disulfide

Concen: 51.85 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 360769

Ion Ratio Lower Upper

76 100

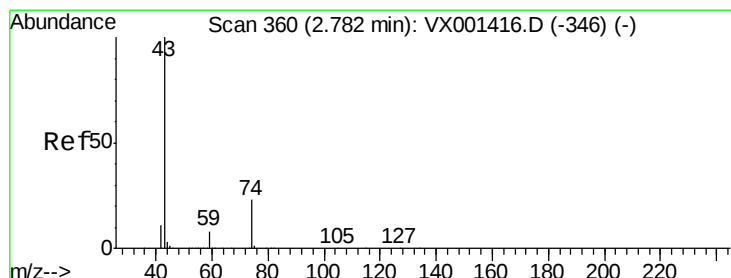
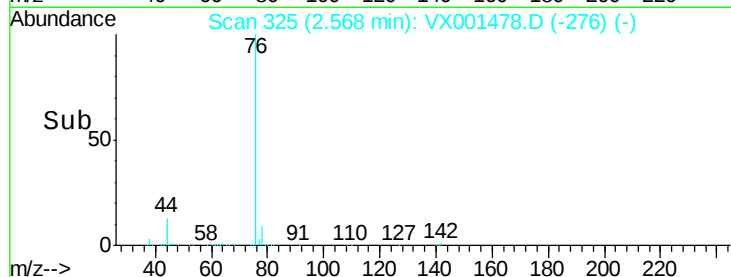
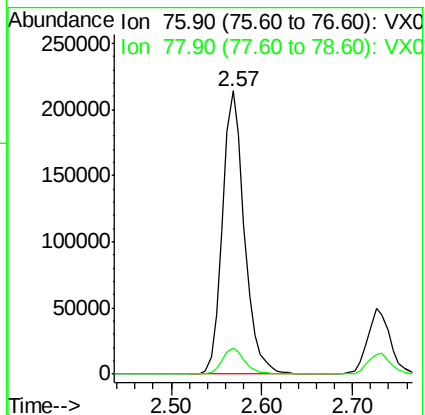
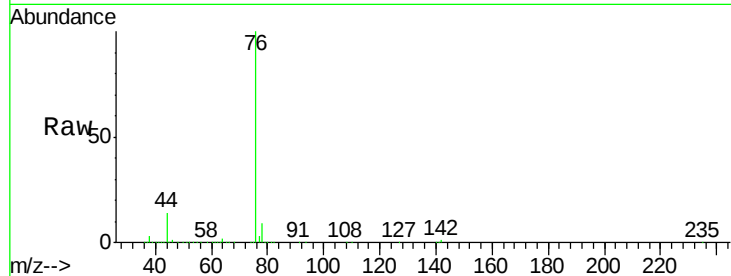
78 9.1 7.4 11.2

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#18

Methyl Acetate

Concen: 54.95 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001478.D

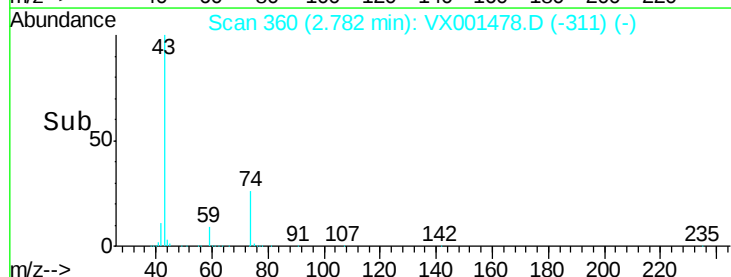
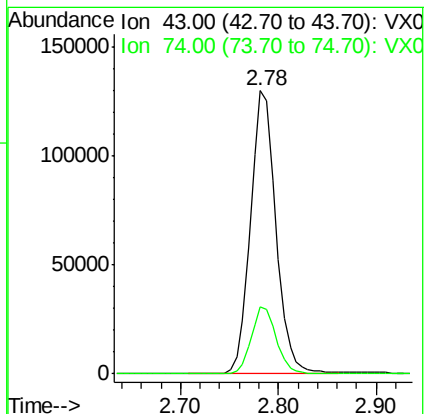
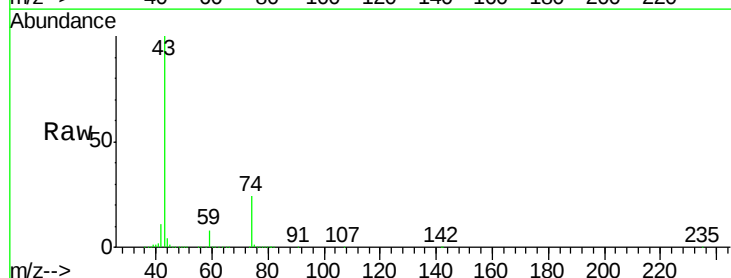
Acq: 07 May 2018 20:40

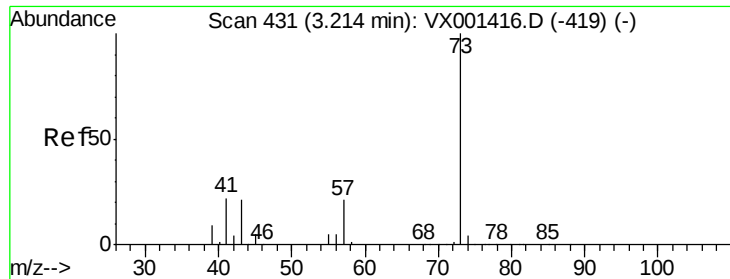
Tgt Ion: 43 Resp: 232815

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8





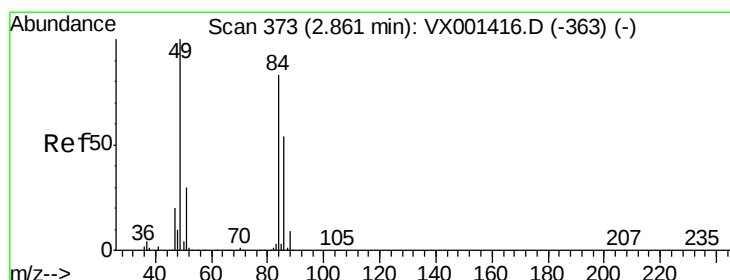
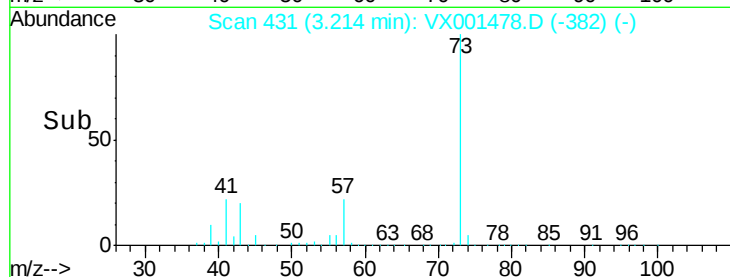
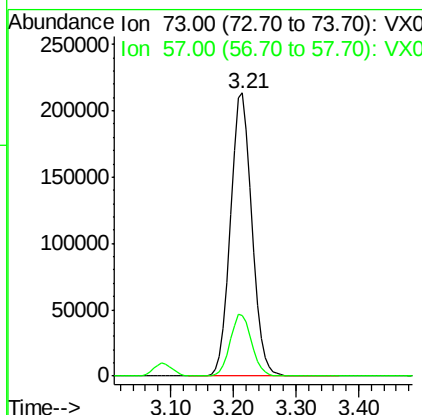
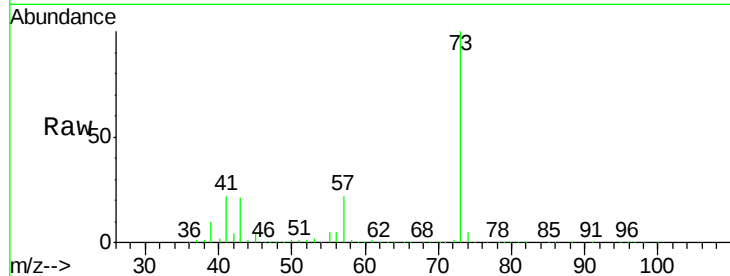
#19
Methvl tert-butvl Ether
Concen: 53.00 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 504464
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6

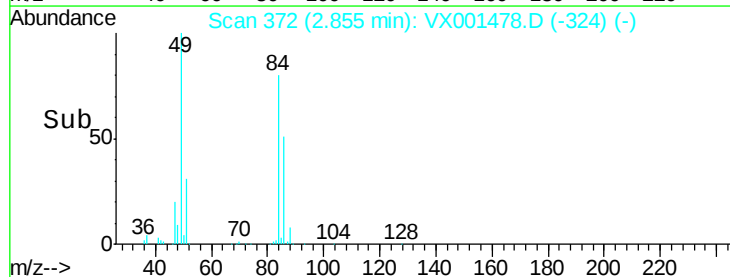
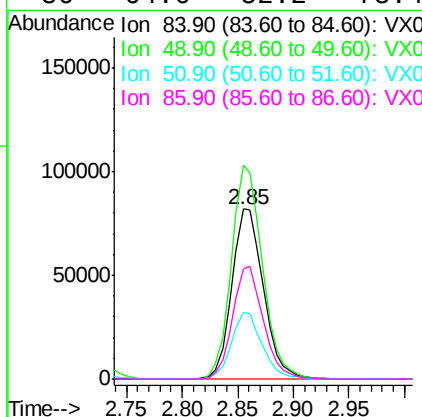
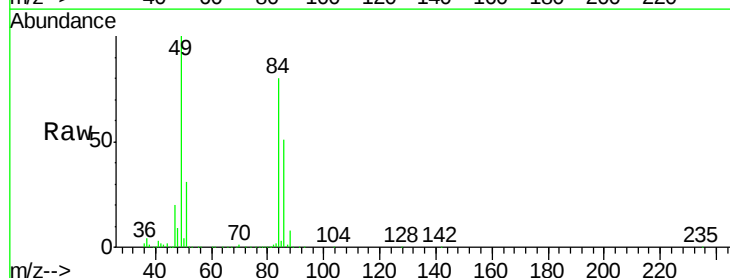
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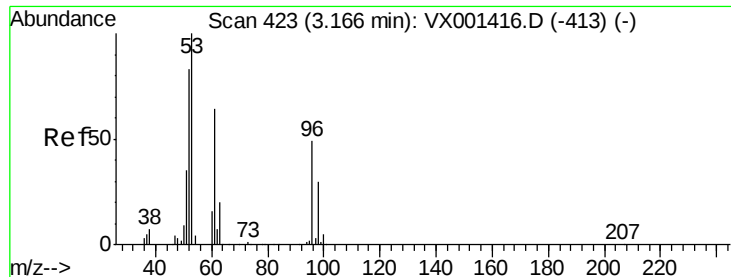
MMDadoda
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#20
Methylene Chloride
Concen: 50.47 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion: 84 Resp: 161141
Ion Ratio Lower Upper
84 100
49 125.8 96.6 144.8
51 39.2 29.0 43.4
86 64.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

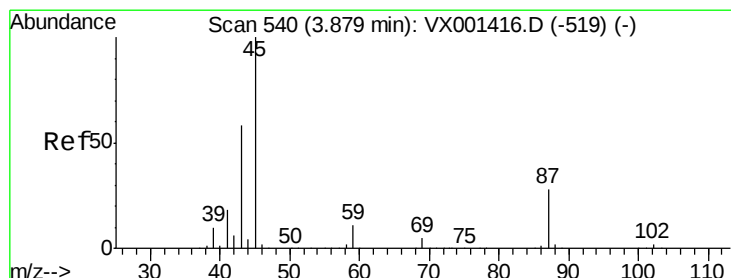
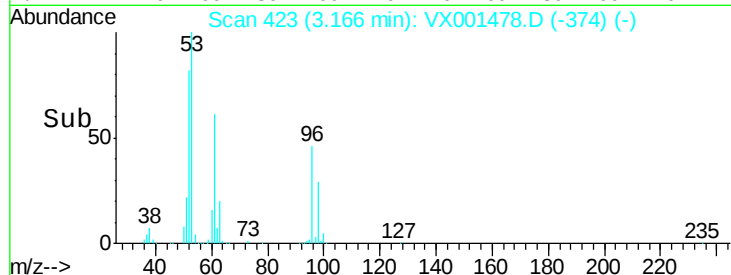
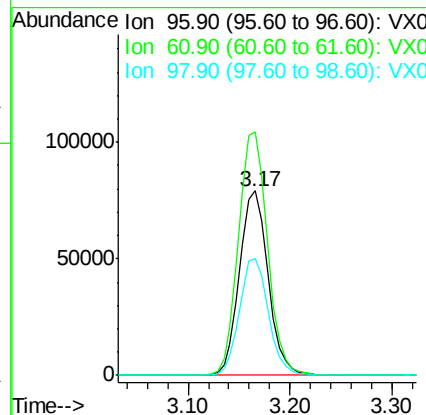
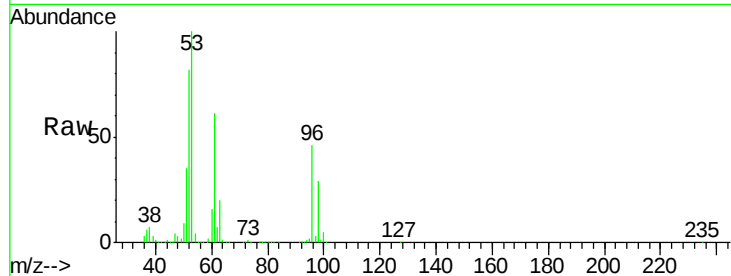
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	153740
Ion	Ratio	Lower	Upper
96	100		
61	131.9	105.0	157.4
98	63.4	49.9	74.9

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#22

Diisopropyl ether

Concen: 53.04 ug/l

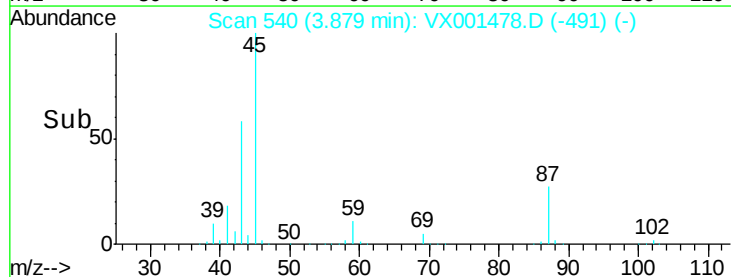
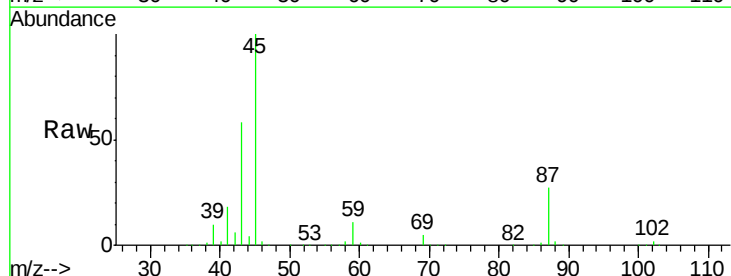
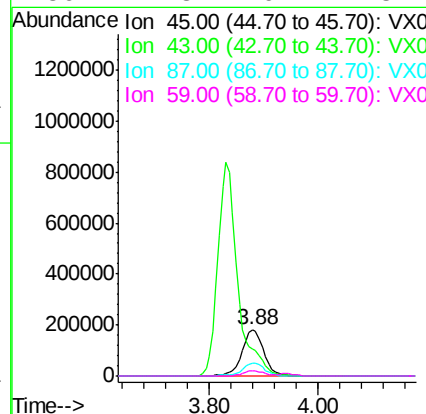
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	45	Resp:	505160
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.5	69.7
87	26.7	22.6	34.0
59	11.3	9.1	13.7





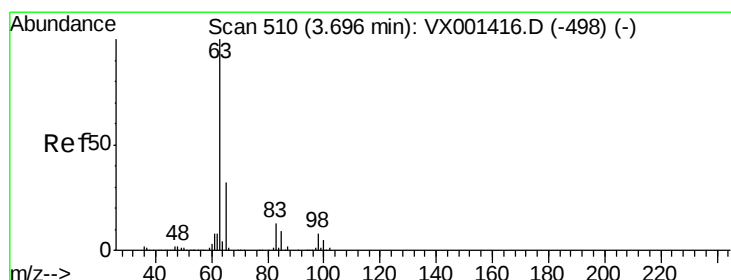
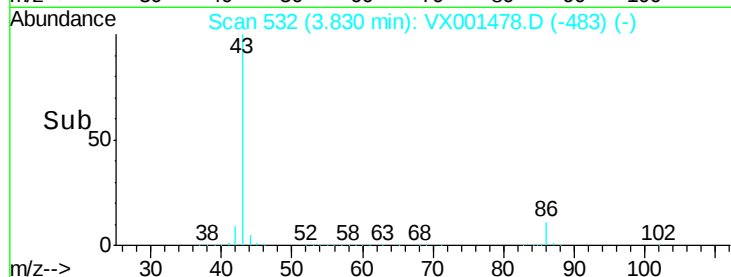
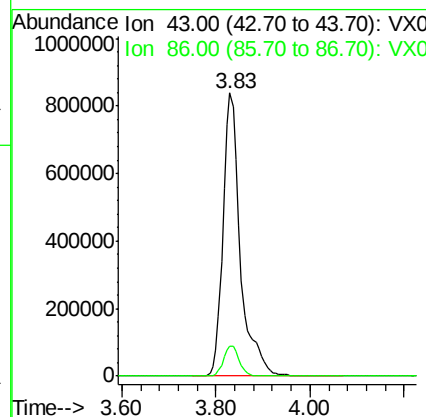
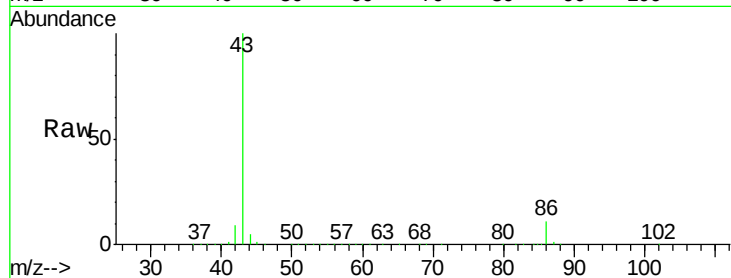
#23
 Vinyl Acetate
 Concen: 269.67 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2140517
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

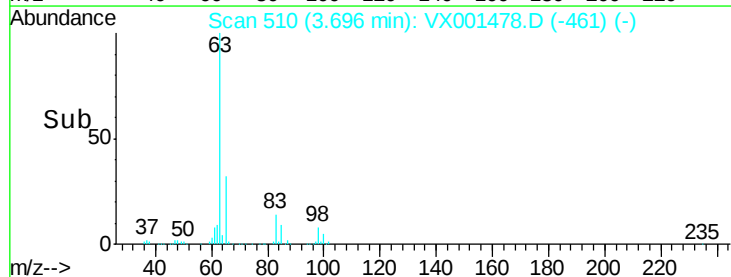
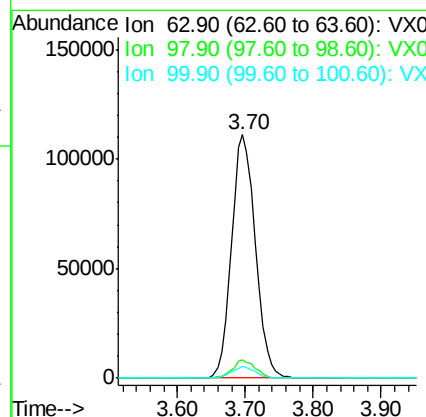
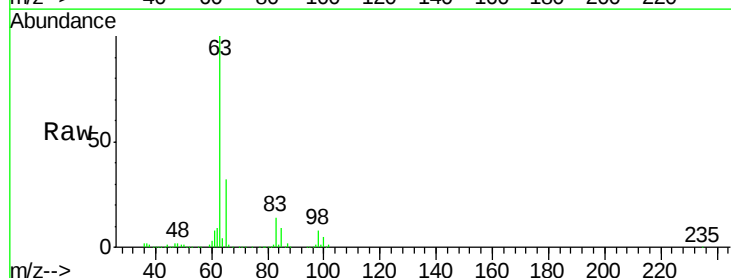
Manual Integrations
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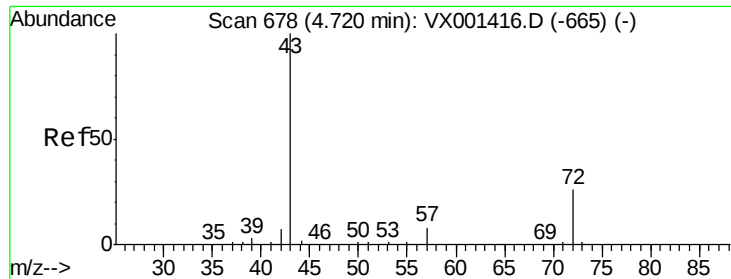
MMDadoda
 5/9/2018 5:47:34 PM



#24
 1,1-Dichloroethane
 Concen: 50.61 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion: 63 Resp: 269239
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 265.48 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 618825

Ion Ratio Lower Upper

43 100

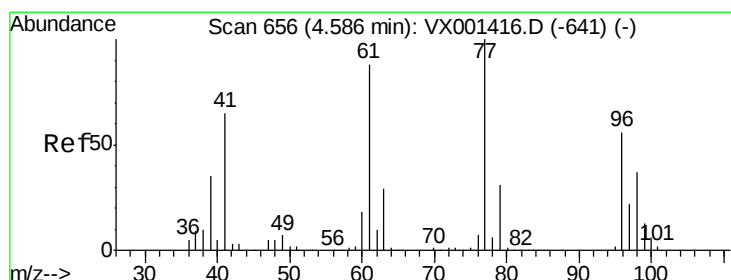
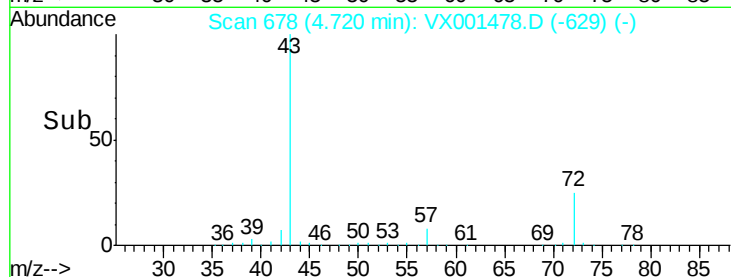
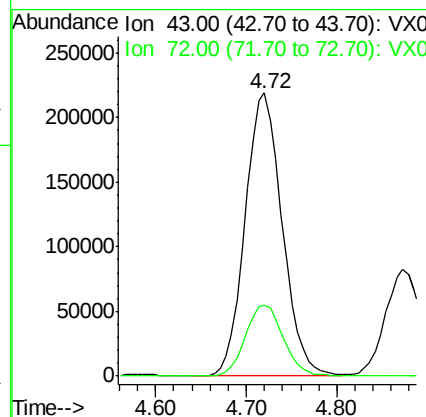
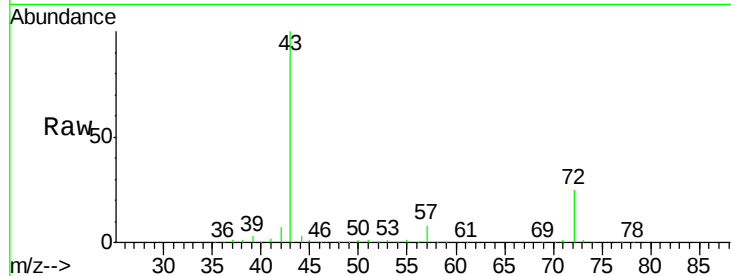
72 25.2 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001478.D

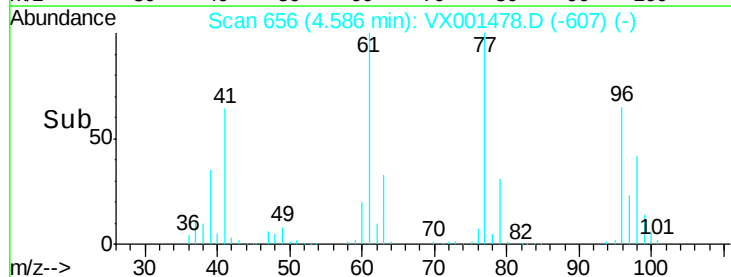
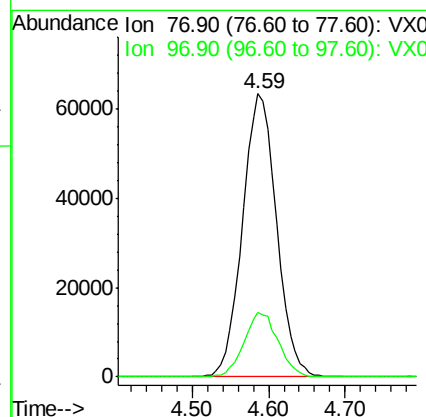
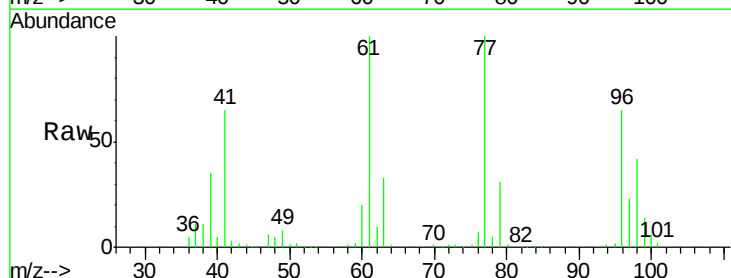
Acq: 07 May 2018 20:40

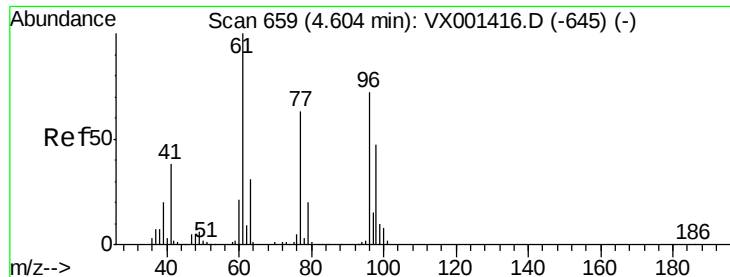
Tgt Ion: 77 Resp: 195762

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 52.37 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

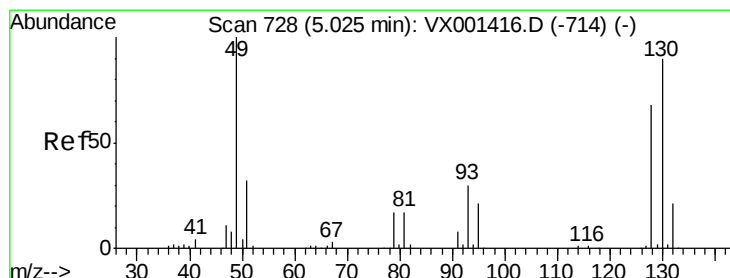
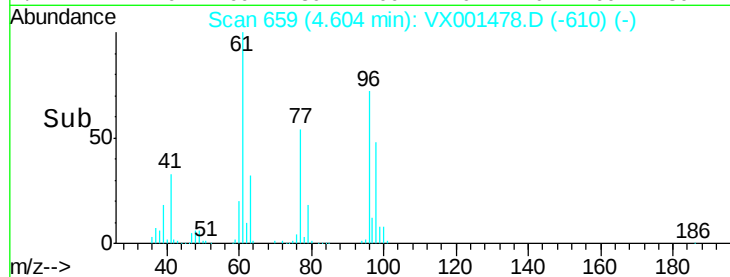
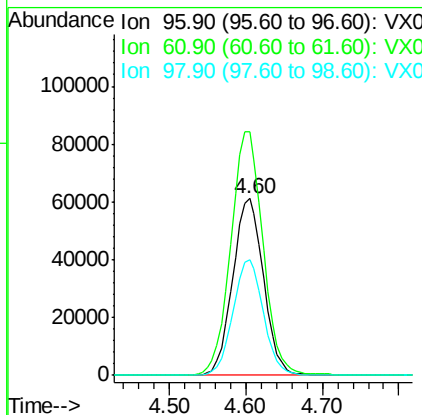
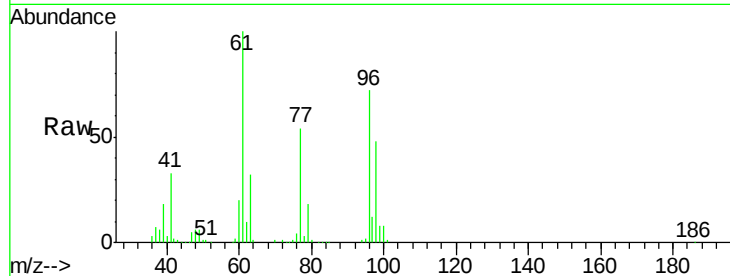
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	170191
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	301.6
98	64.7	0.0	131.6

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#28

Bromochloromethane

Concen: 51.63 ug/l

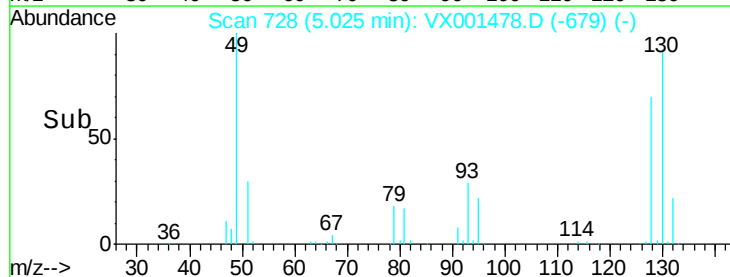
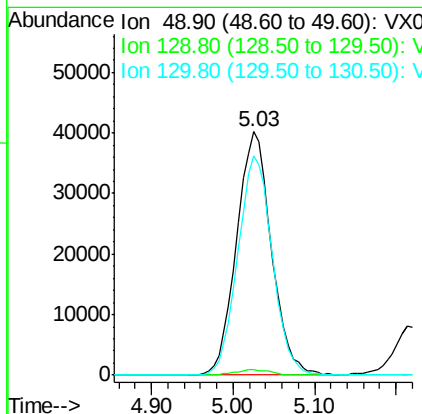
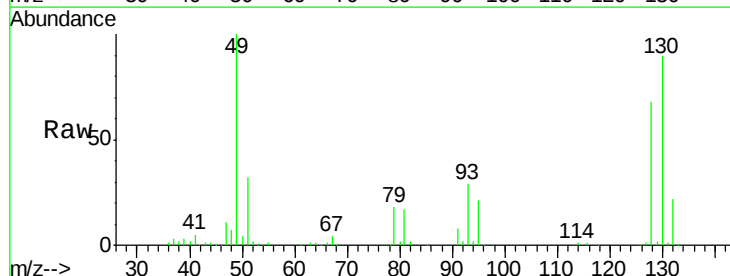
RT: 5.03 min Scan# 728

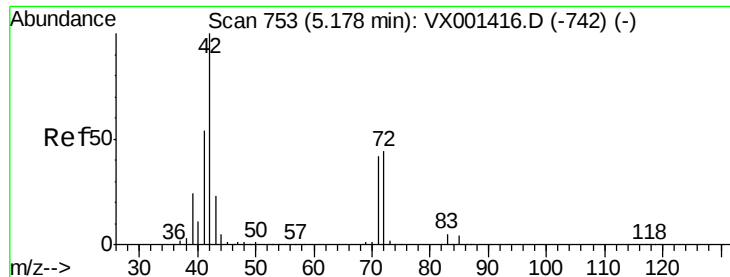
Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	49	Resp:	119104
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	89.1	71.9	107.9





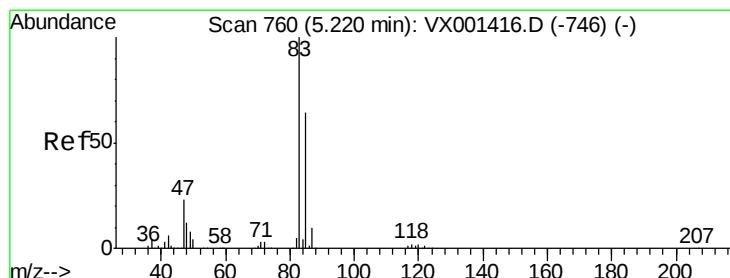
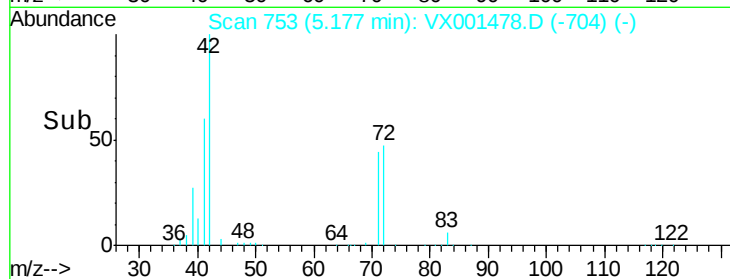
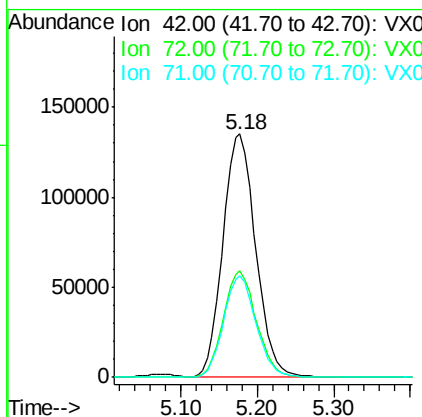
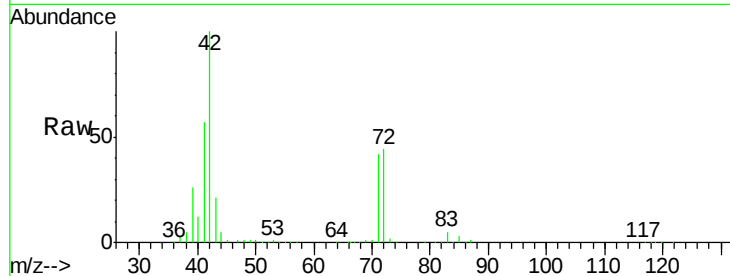
#29
Tetrahydrofuran
Concen: 267.61 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.4	53.2
71	41.4	33.0	49.4

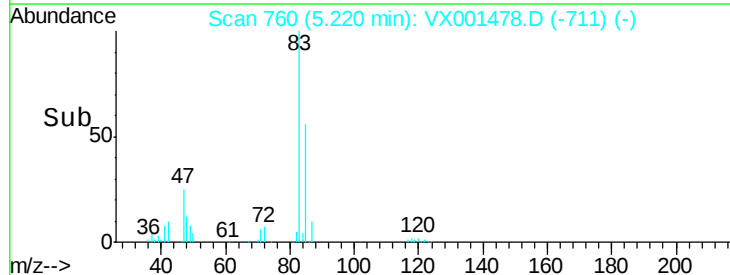
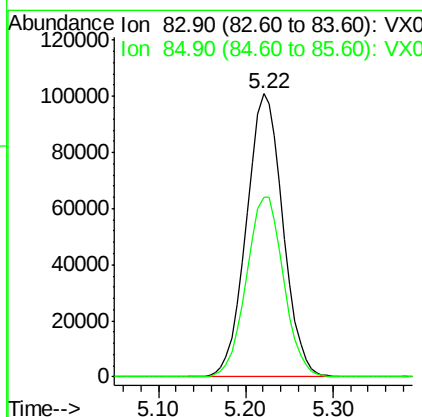
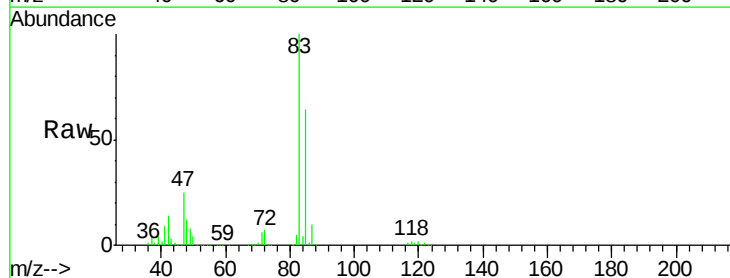
Manual Integrations
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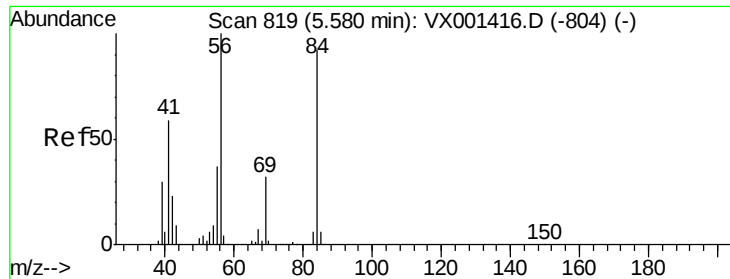
MMDadoda
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#30
Chloroform
Concen: 53.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.0	76.4





#31

Cyclohexane

Concen: 52.69 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

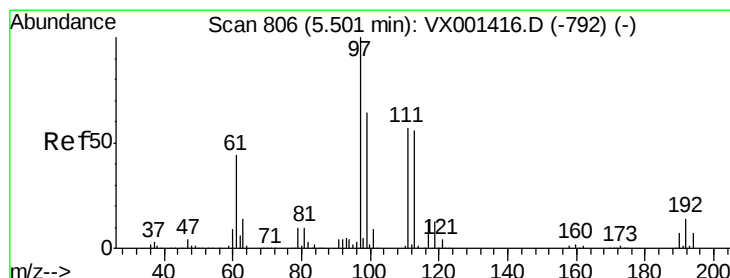
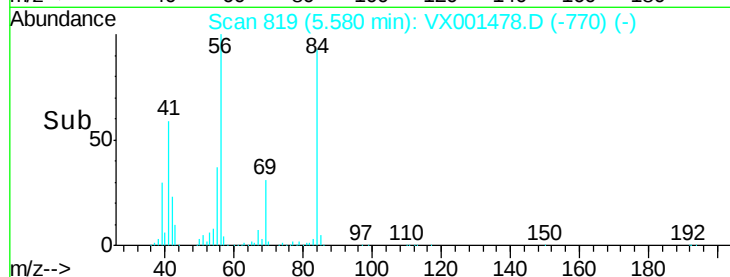
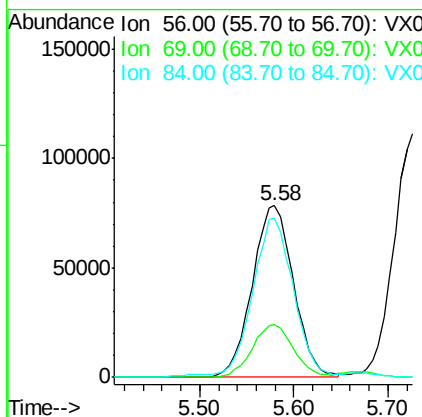
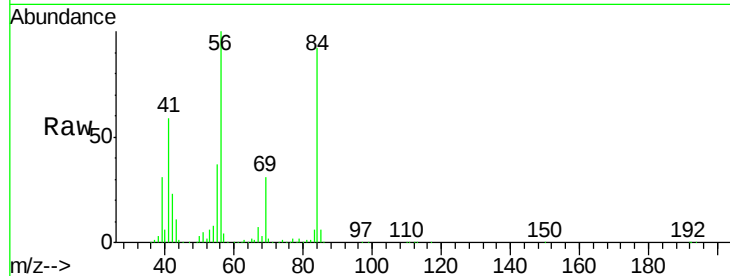
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	240765
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.0
84	91.0	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.16 ug/l

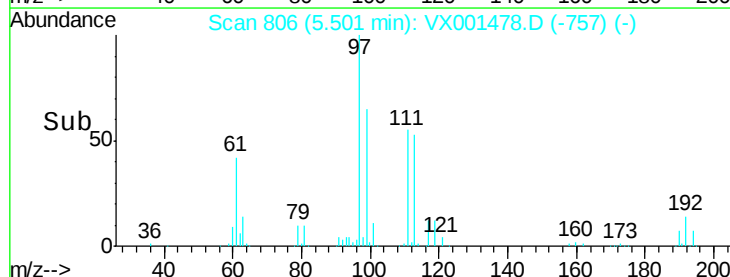
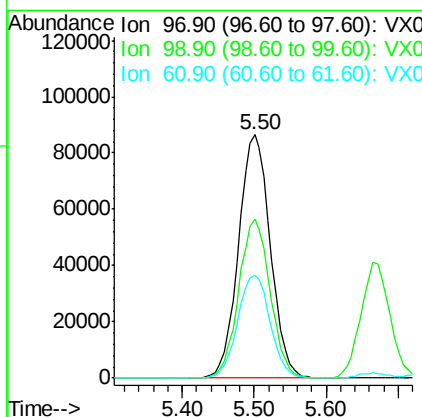
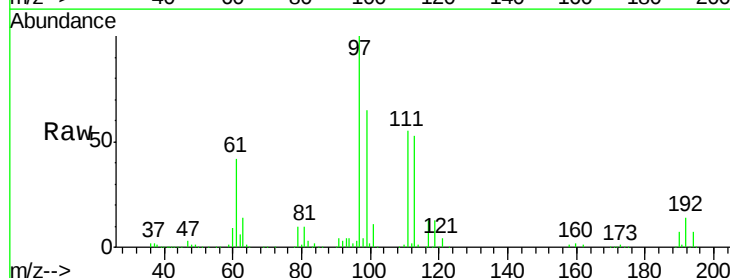
RT: 5.50 min Scan# 806

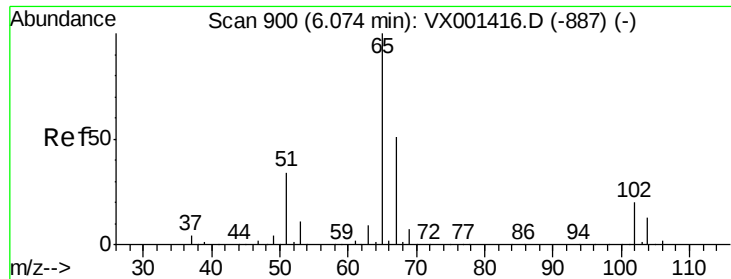
Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	97	Resp:	264218
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	43.5	34.8	52.2





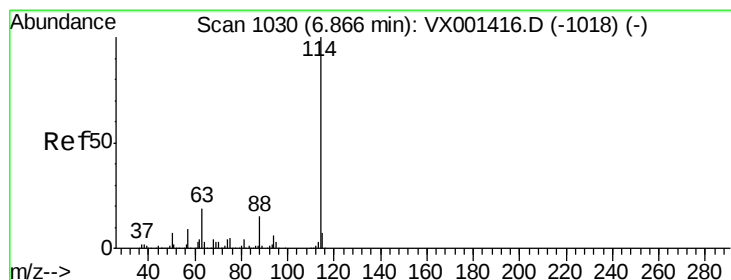
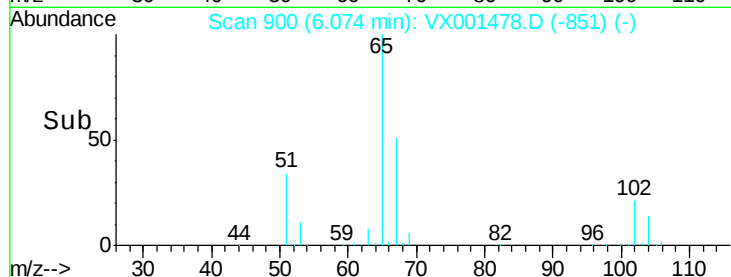
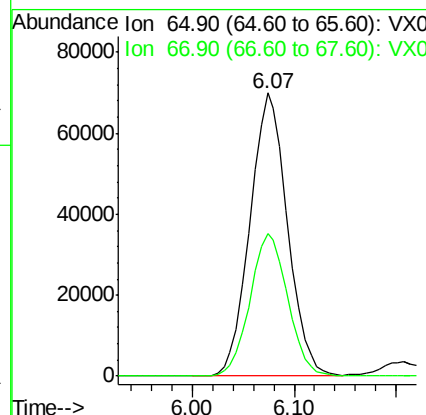
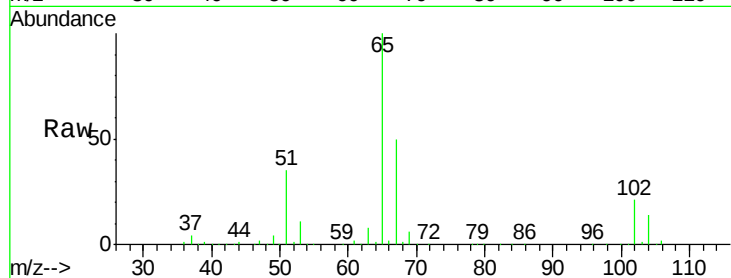
#33
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178649		
67	50.7	0.0	101.8	

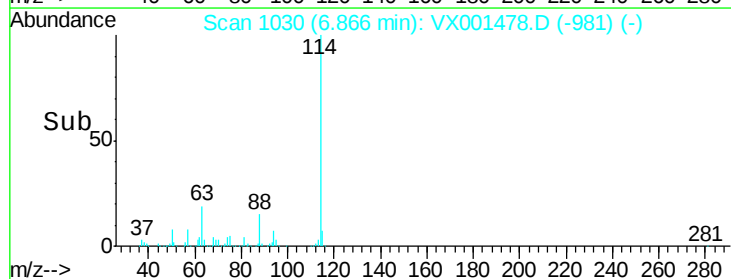
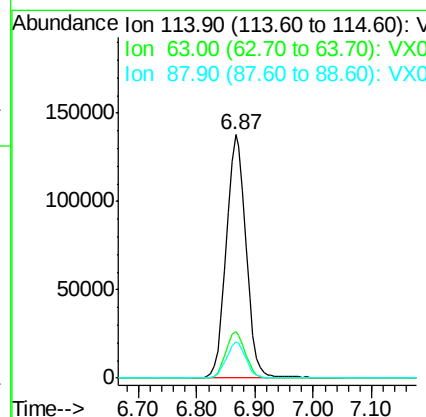
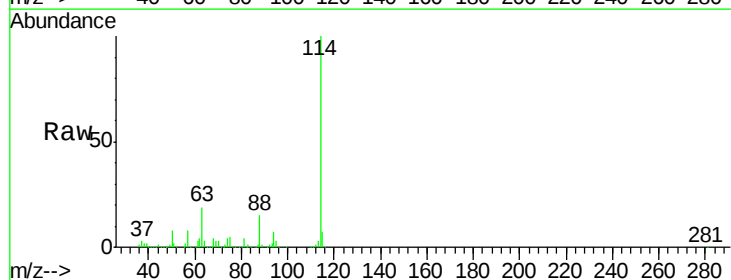
Manual Integrations
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 5/9/2018 5:47:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325725		
63	18.9	0.0	38.6	
88	14.9	0.0	30.8	





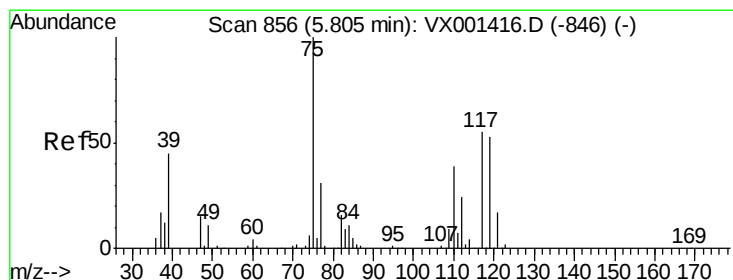
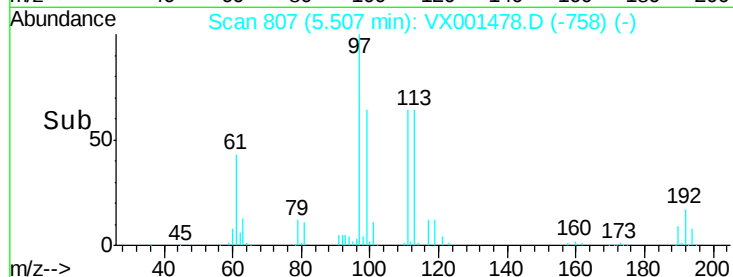
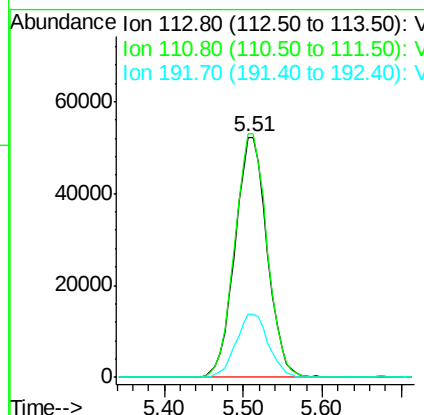
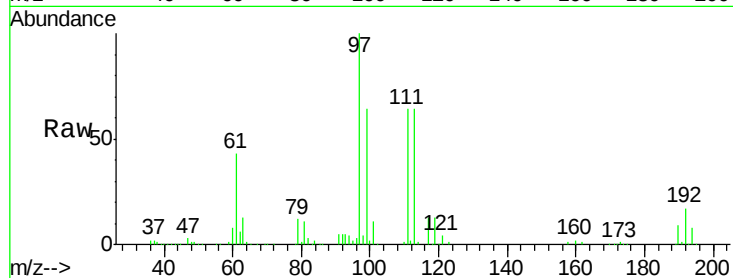
#35
 Dibromofluoromethane
 Concen: 51.09 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148028		
111	101.8	82.2	123.2	
192	26.7	21.4	32.0	

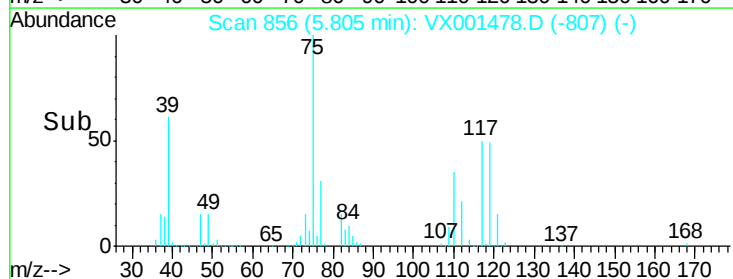
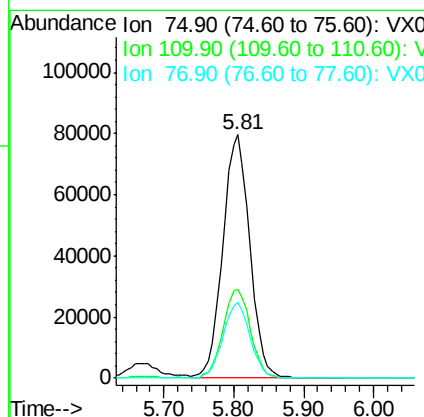
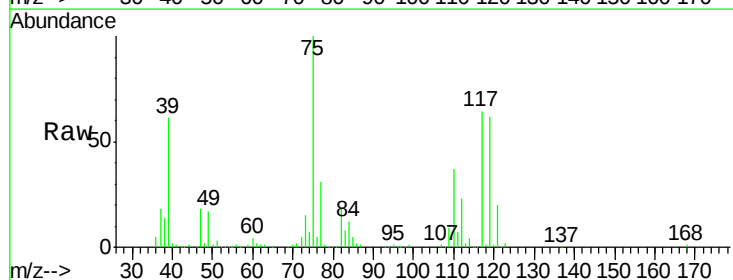
Manual Integrations
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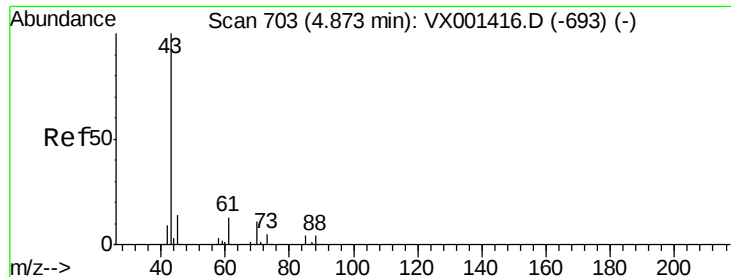
MMDadoda
 5/9/2018 5:47:34 PM



#36
 1,1-Dichloropropene
 Concen: 51.25 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212337		
110	37.4	18.9	56.7	
77	31.3	24.9	37.3	





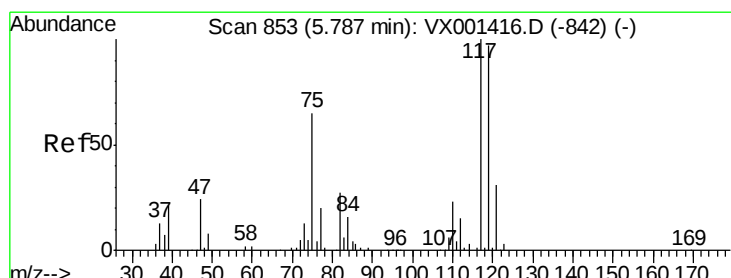
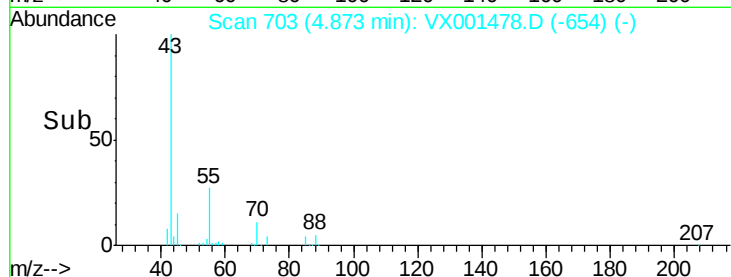
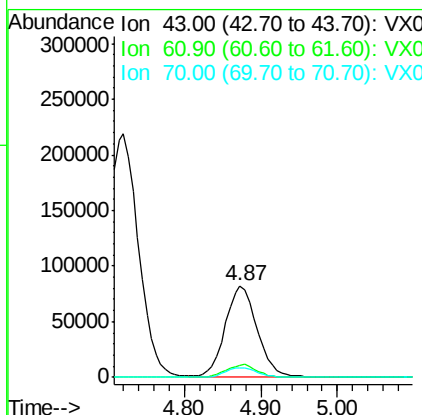
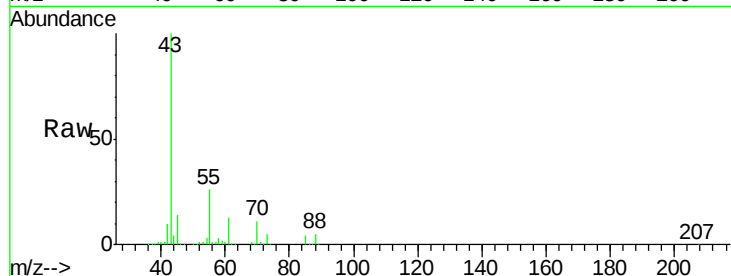
#37
Ethyl Acetate
Concen: 52.10 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	10.5	8.4	12.6

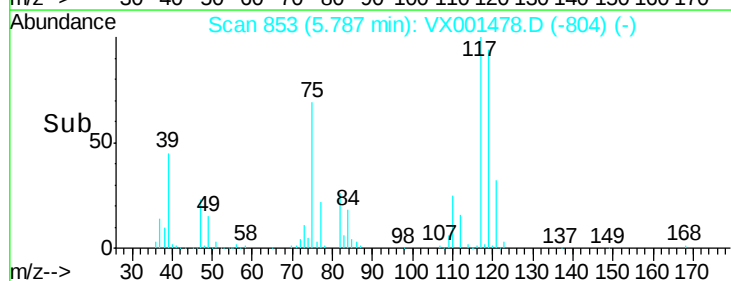
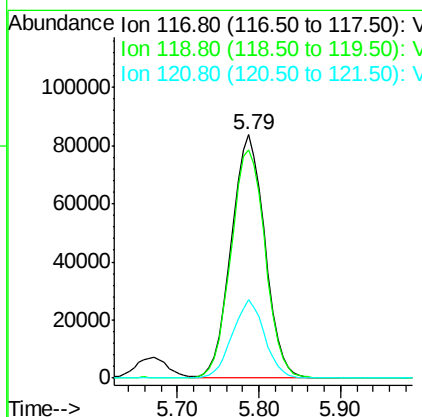
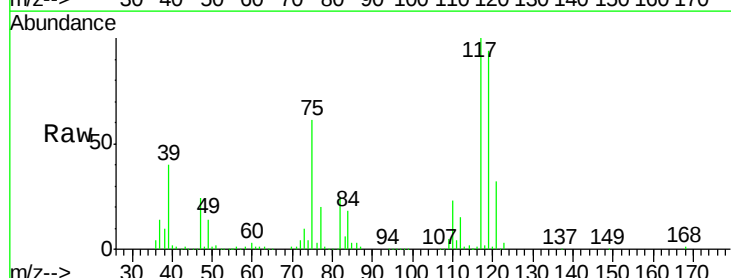
Manual Integrations
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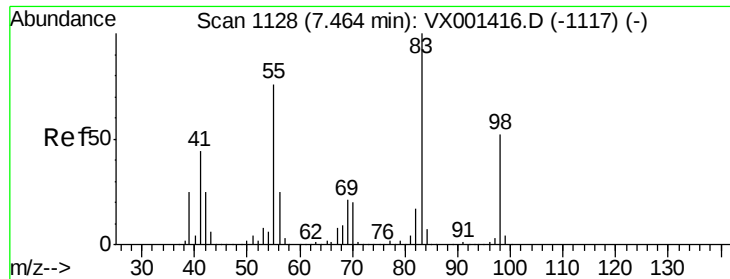
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.95 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.0	115.6
121	32.2	25.1	37.7





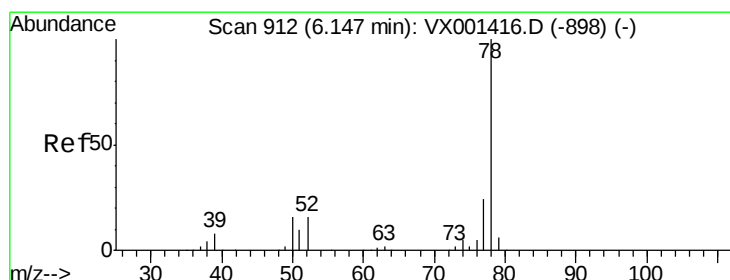
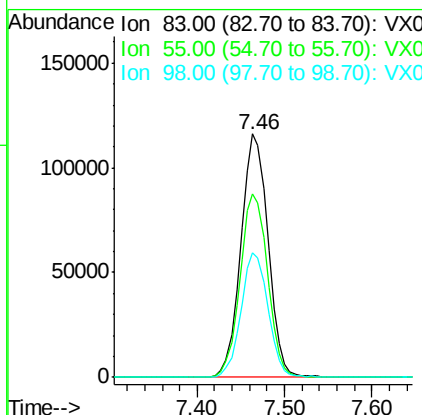
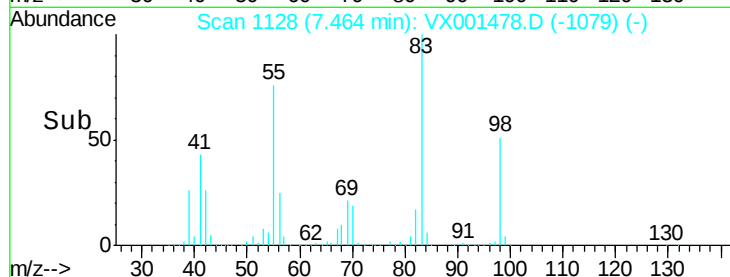
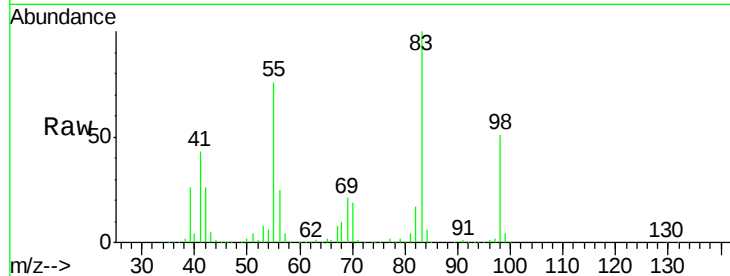
#39
Methvlcvclohexane
Concen: 51.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.9	91.3
98	51.1	41.9	62.9

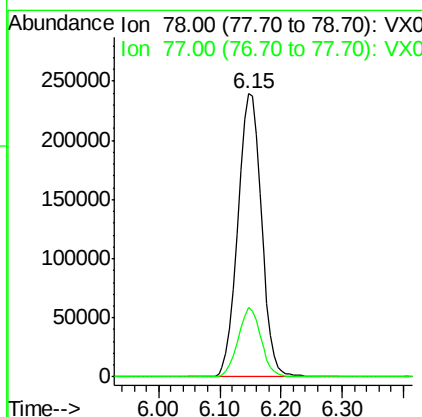
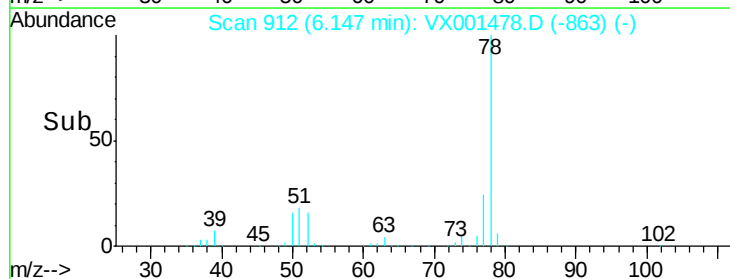
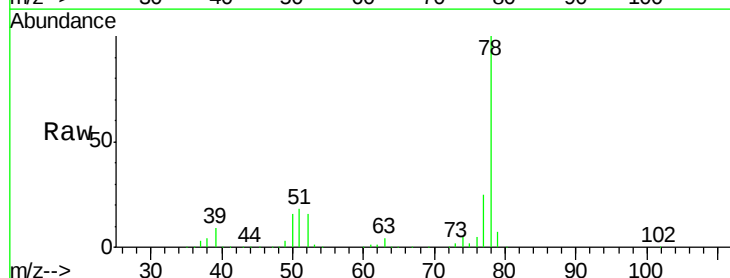
Manual Integrations
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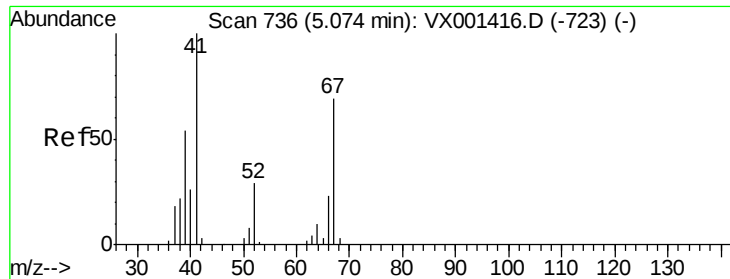
MMDadoda
5/9/2018 5:47:34 PM



#40
Benzene
Concen: 52.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.2





#41

Methacrylonitrile

Concen: 51.93 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

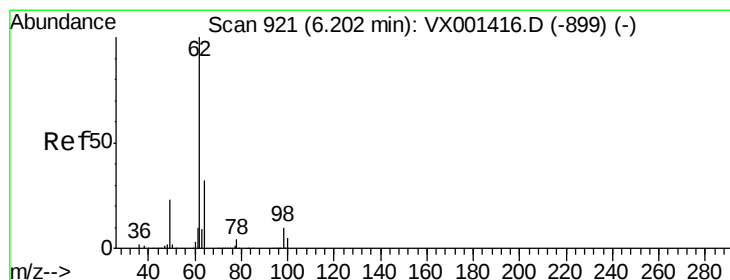
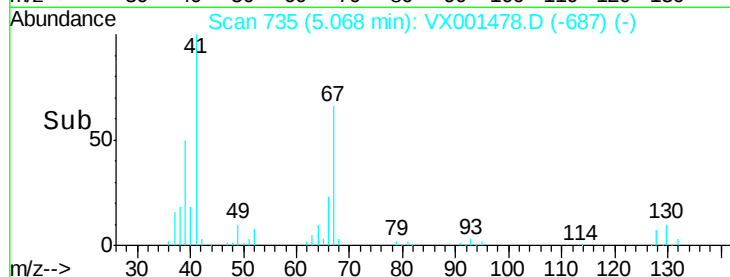
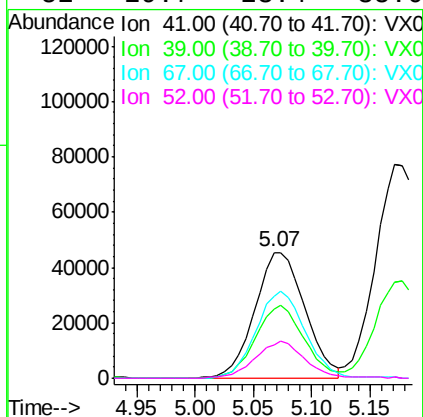
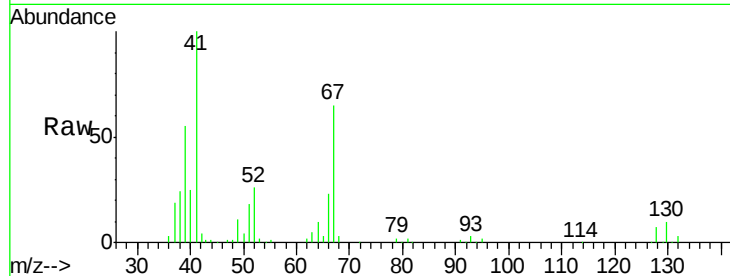
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.6	45.0	67.6		
67	68.5	55.0	82.6		
52	29.7	23.4	35.0		

Manual Integrations
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MMDadoda
5/9/2018 5:47:34 PM



#42

1,2-Dichloroethane

Concen: 52.70 ug/l

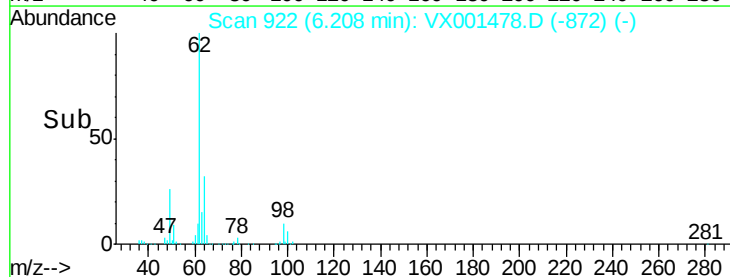
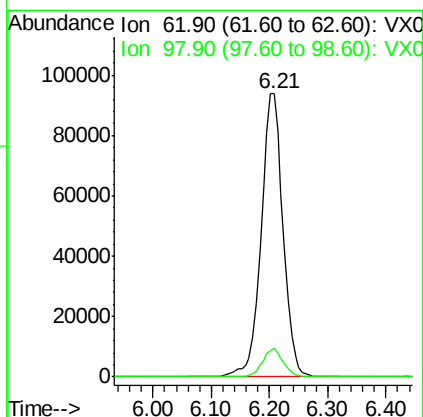
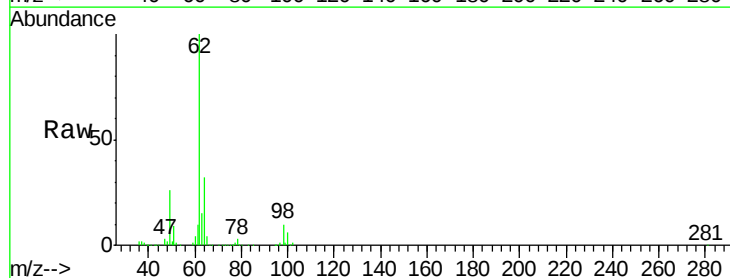
RT: 6.21 min Scan# 922

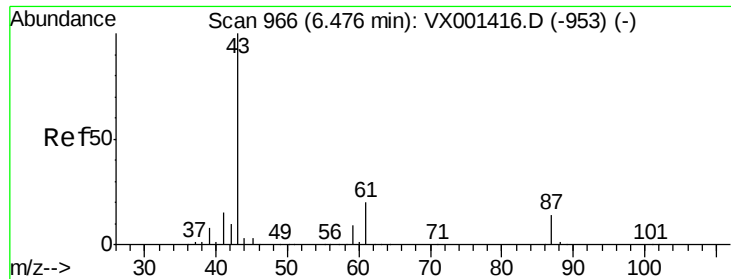
Delta R.T. 0.01 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	19.0		





#43

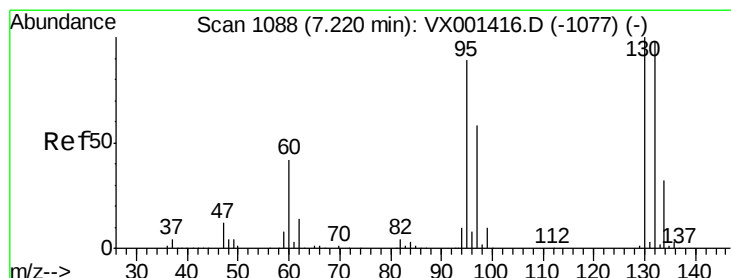
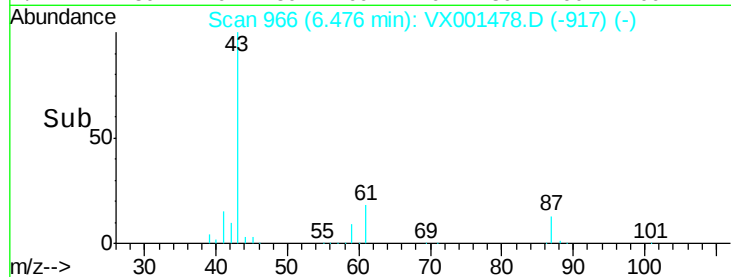
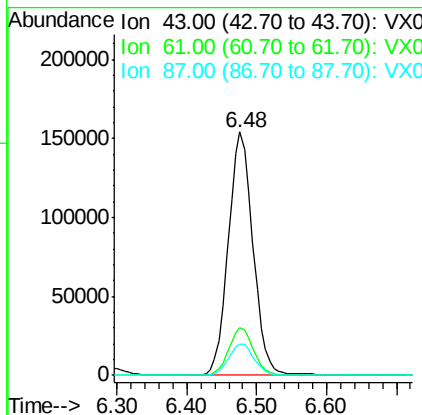
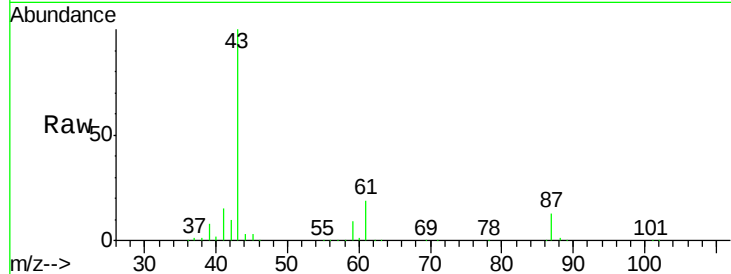
Isopropyl Acetate
 Concen: 53.92 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.4	10.8	16.2

Manual Integrations
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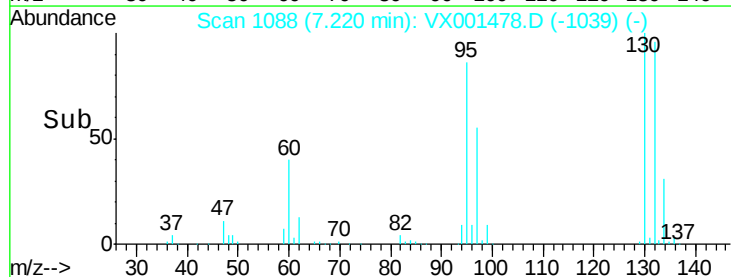
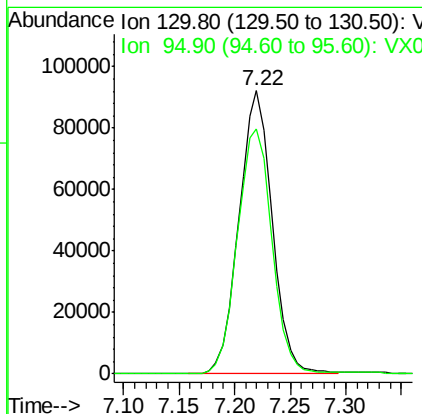
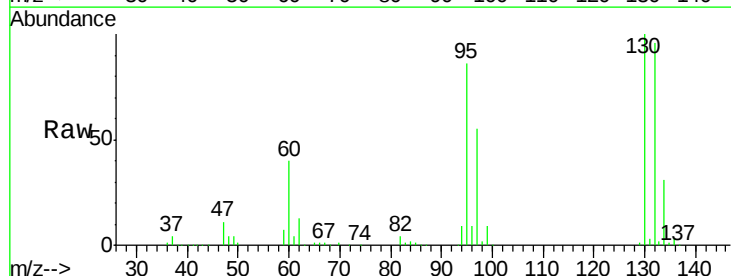
MMDadoda
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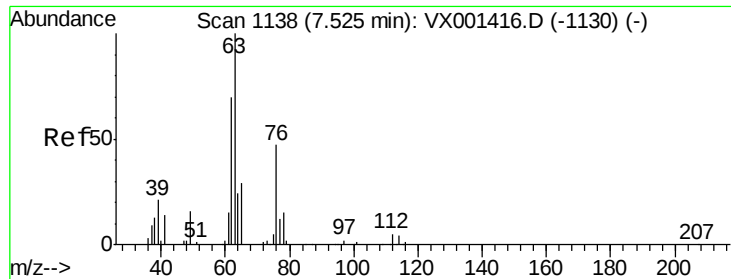


#44

Trichloroethene
 Concen: 51.67 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	178.4





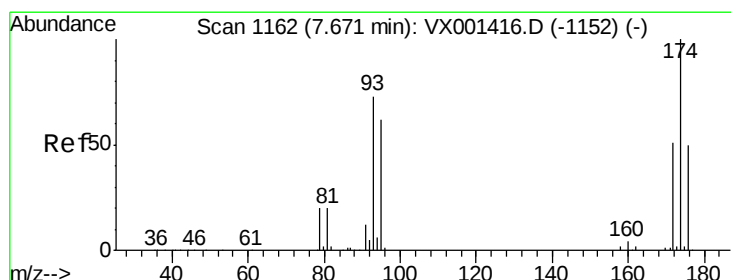
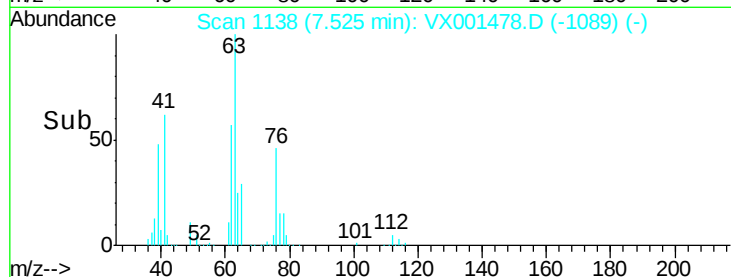
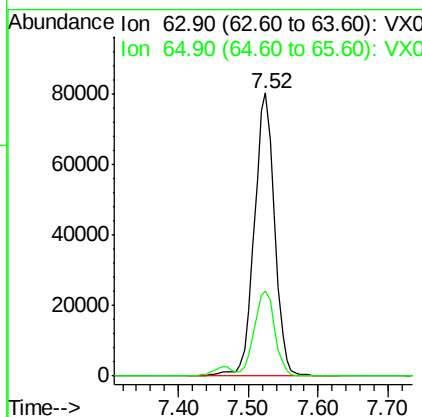
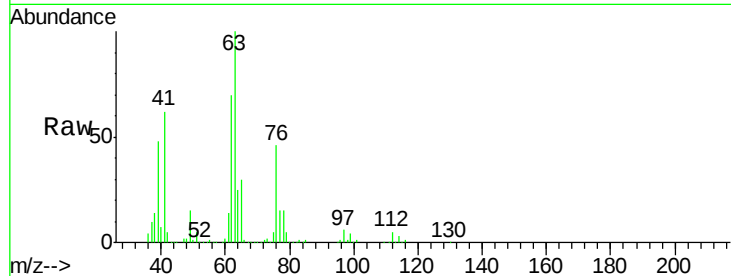
#45
 1,2-Dichloropropane
 Concen: 53.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 161812
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.5 36.7

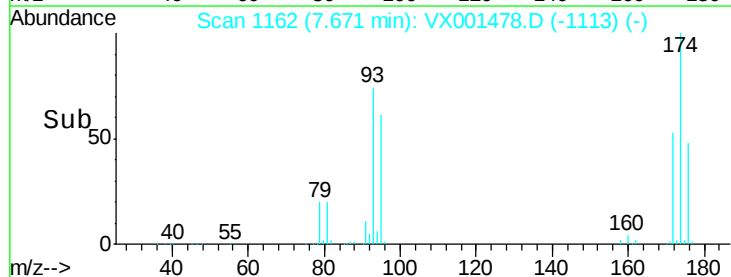
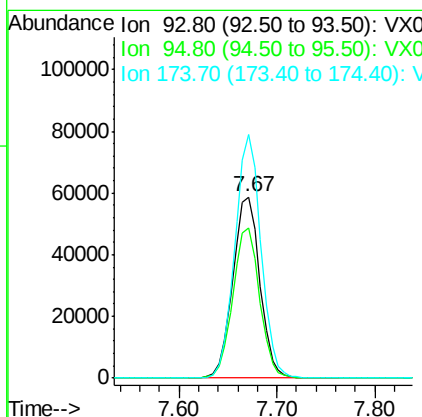
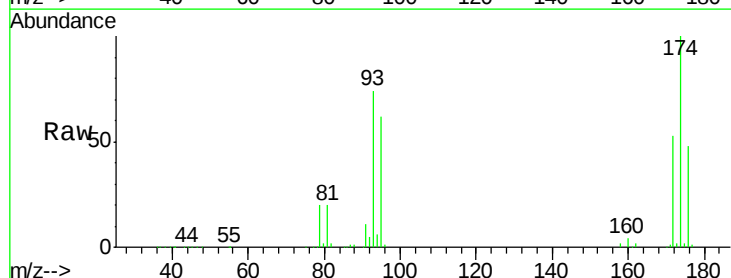
Manual Integrations
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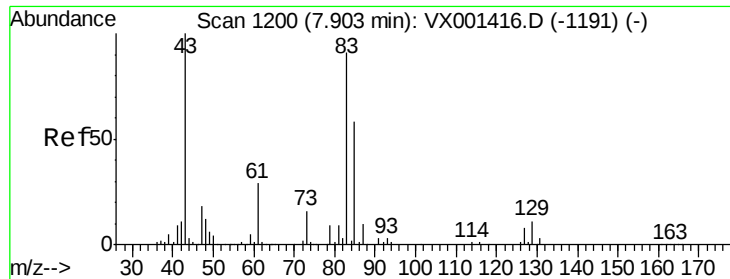
MMDadoda
 5/9/2018 5:47:34 PM



#46
 Dibromomethane
 Concen: 52.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion: 93 Resp: 113029
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.4
 174 129.5 104.5 156.7





#47

Bromodichloromethane

Concen: 55.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

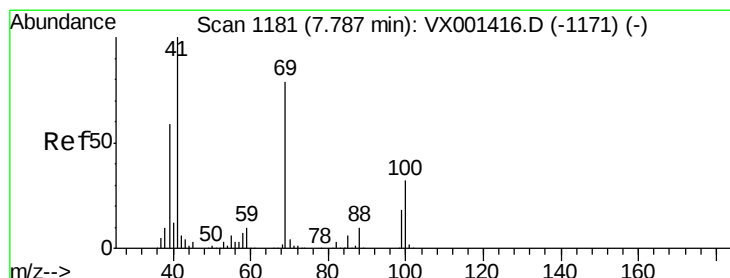
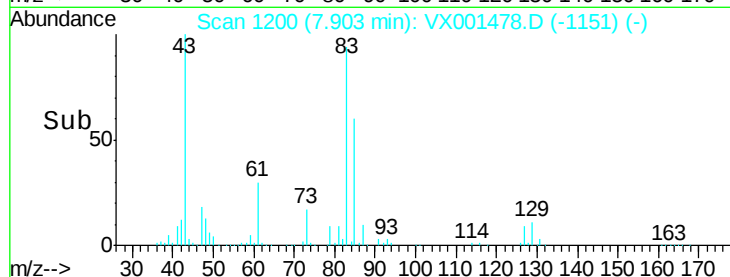
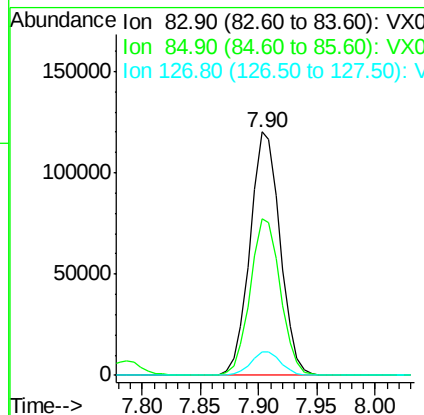
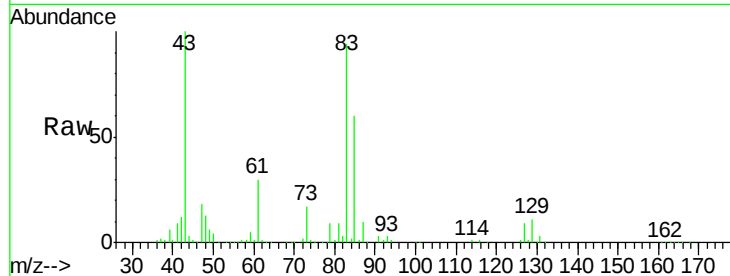
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	218104
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.0	76.6
127	9.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.19 ug/l

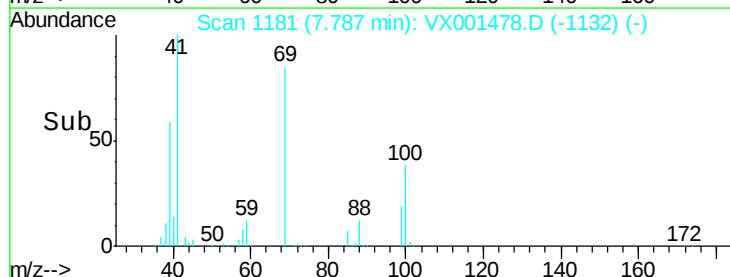
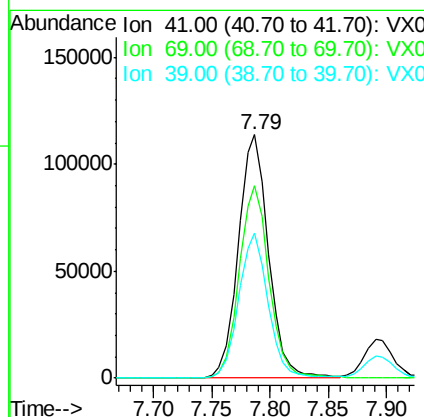
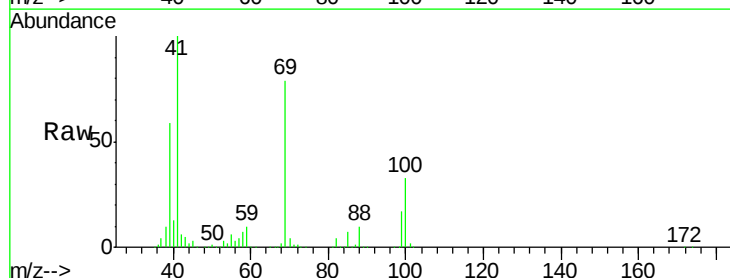
RT: 7.79 min Scan# 1181

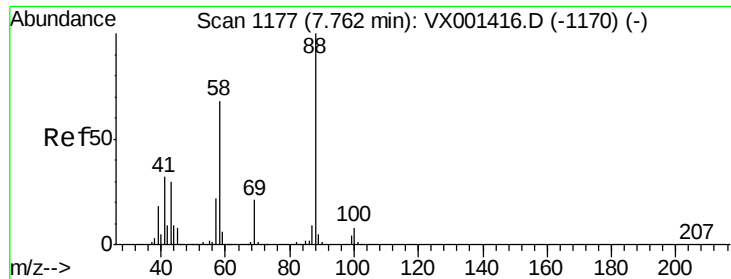
Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	41	Resp:	205750
Ion Ratio	Lower	Upper	
41	100		
69	78.5	63.4	95.2
39	58.1	47.0	70.4





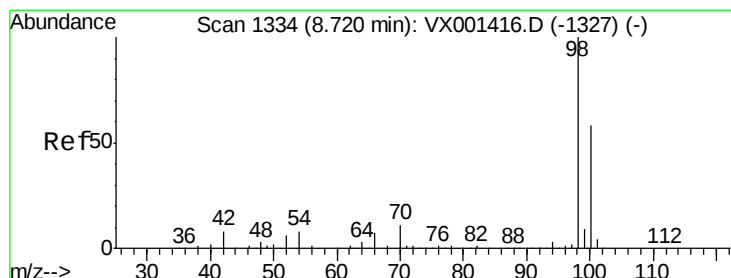
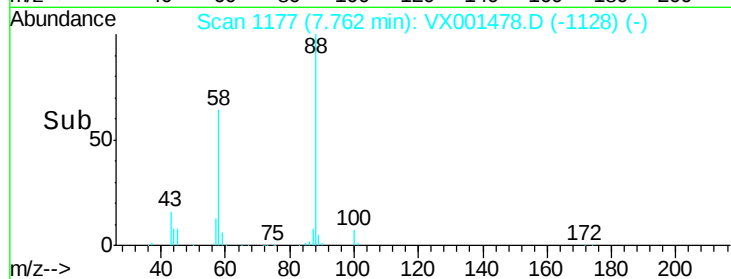
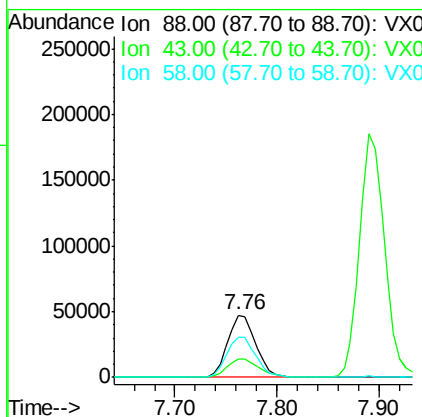
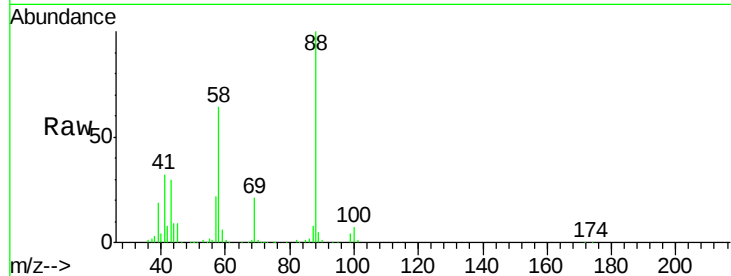
#49
1,4-Dioxane
Concen: 1095.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.4	39.6
58	67.5	54.1	81.1

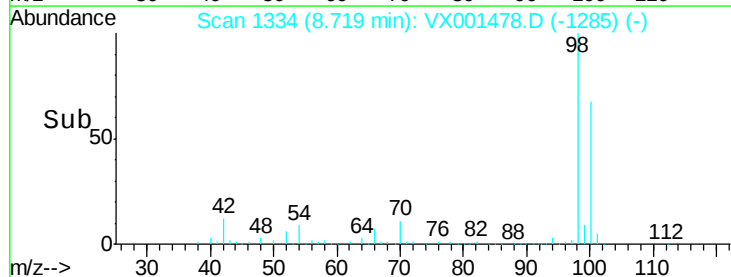
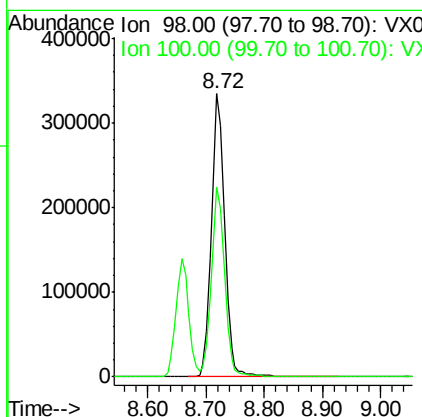
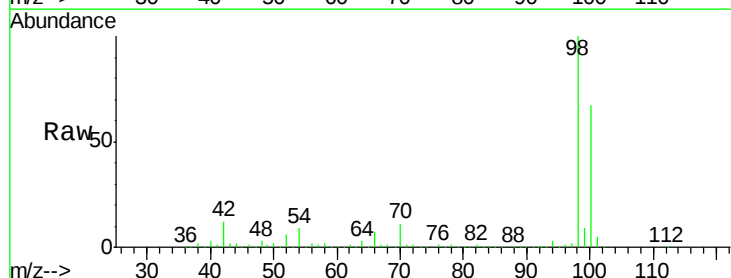
Manual Integrations
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#50
Toluene-d8
Concen: 50.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.0	81.0





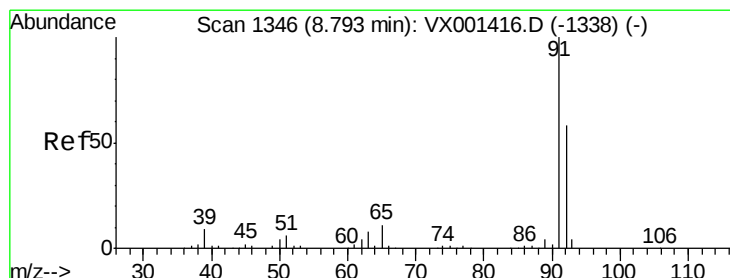
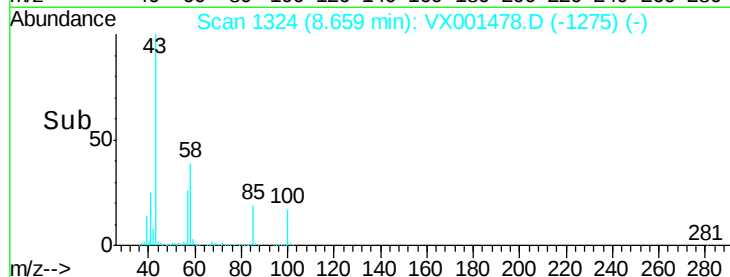
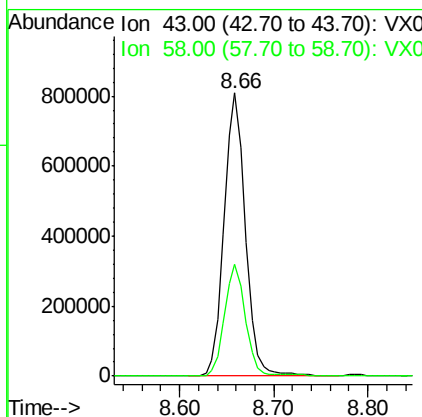
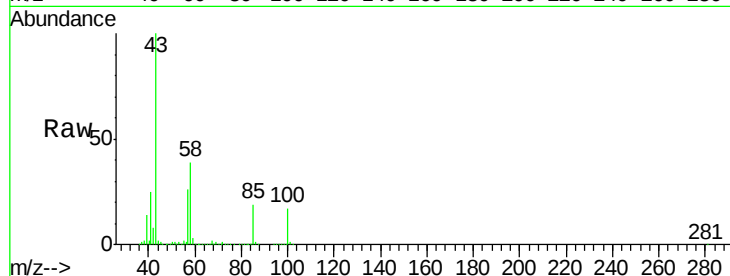
#51
4-Methyl-2-Pentanone
Concen: 274.14 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1270161
Ion Ratio Lower Upper
43 100
58 39.2 30.8 46.2

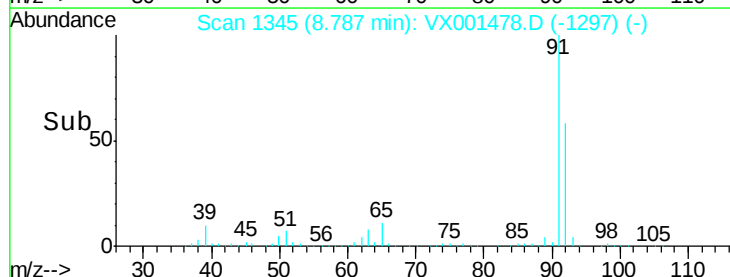
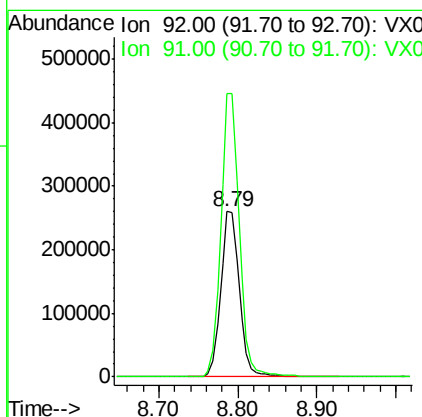
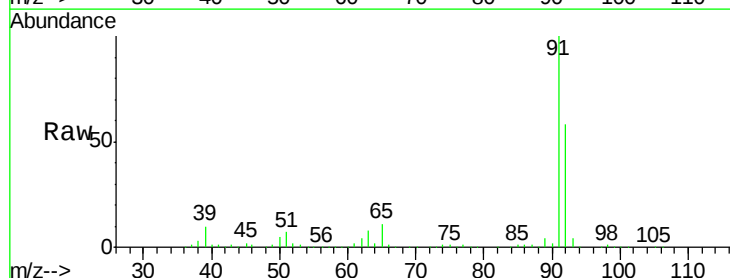
Manual Integrations
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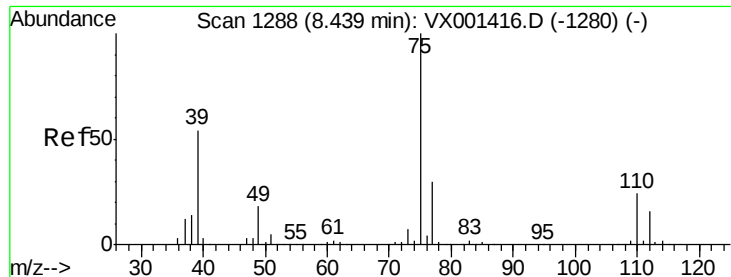
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5/9/2018 5:47:34 PM



#52
Toluene
Concen: 53.85 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion: 92 Resp: 426153
Ion Ratio Lower Upper
92 100
91 170.5 135.2 202.8





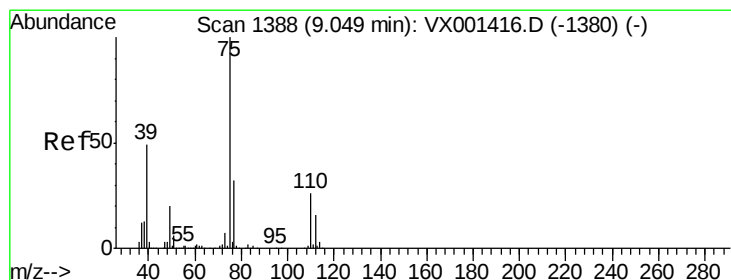
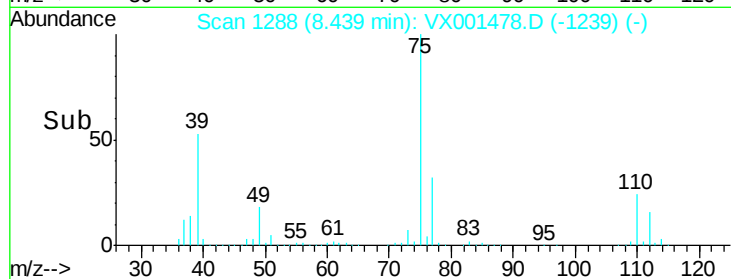
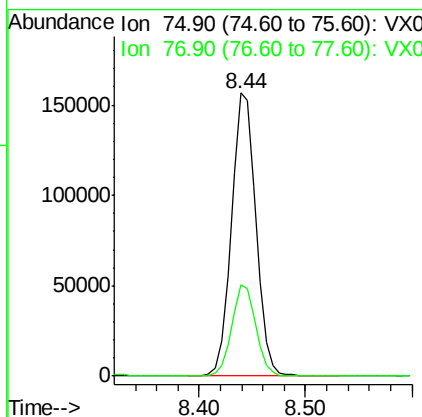
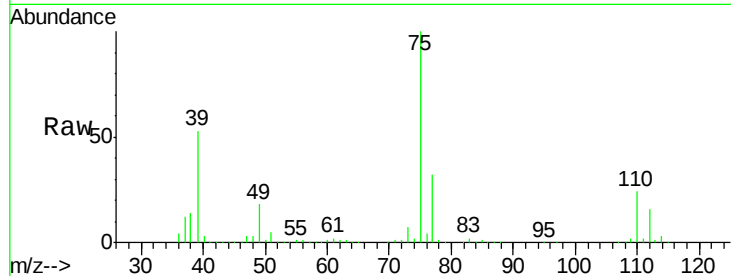
#53
t-1,3-Dichloropropene
Concen: 56.49 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 252354
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4

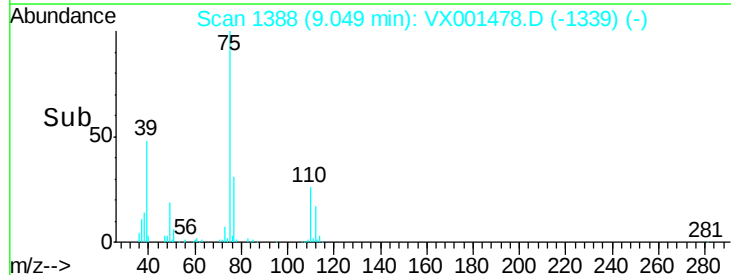
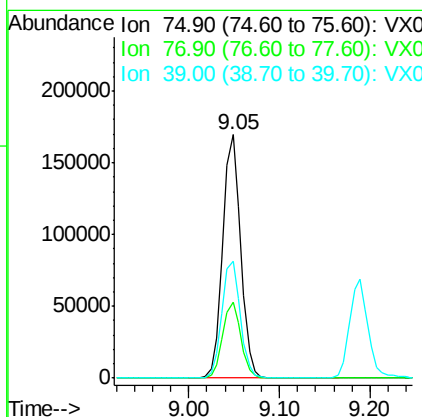
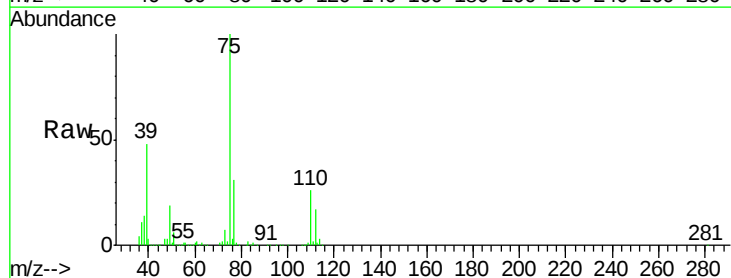
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5/9/2018 5:47:34 PM



#54
cis-1,3-Dichloropropene
Concen: 50.70 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion: 75 Resp: 234330
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 48.2 38.9 58.3





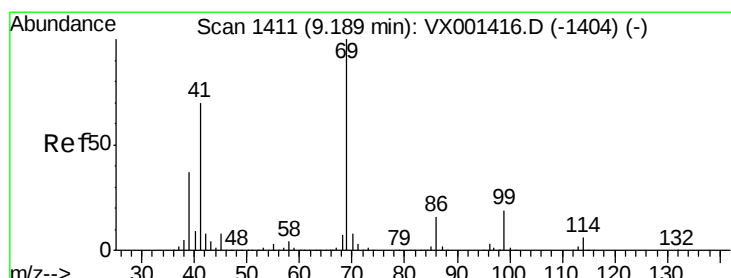
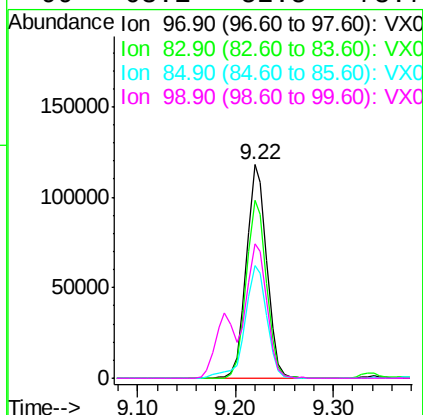
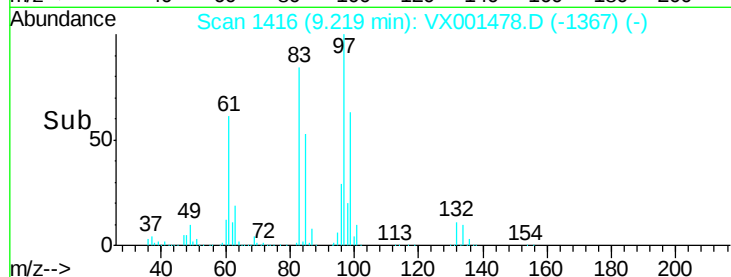
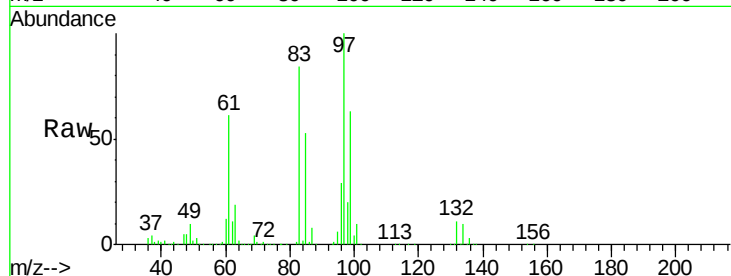
#55
 1,1,2-Trichloroethane
 Concen: 53.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	170460
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	52.7	43.3	64.9
99	63.1	52.5	78.7

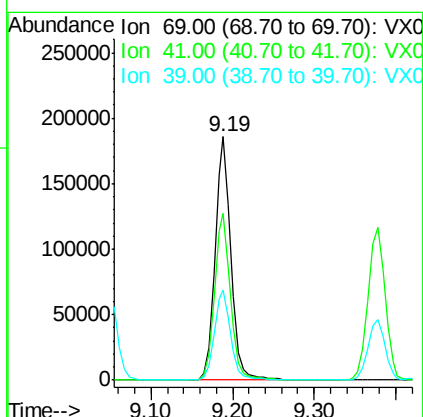
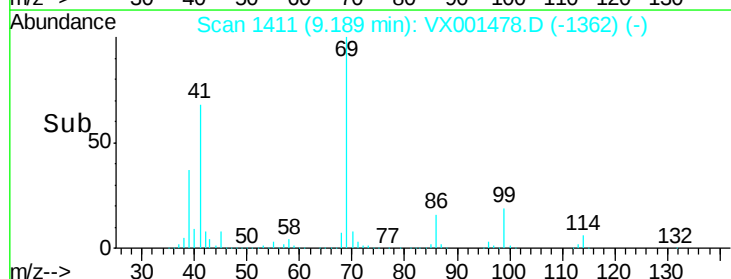
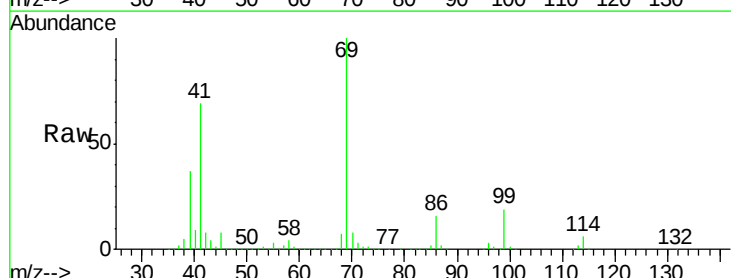
Manual Integrations
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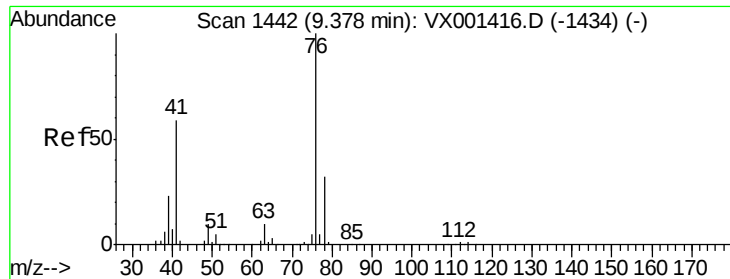
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#56
 Ethyl methacrylate
 Concen: 55.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion:	69	Resp:	256153
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.1	82.7
39	37.9	29.9	44.9





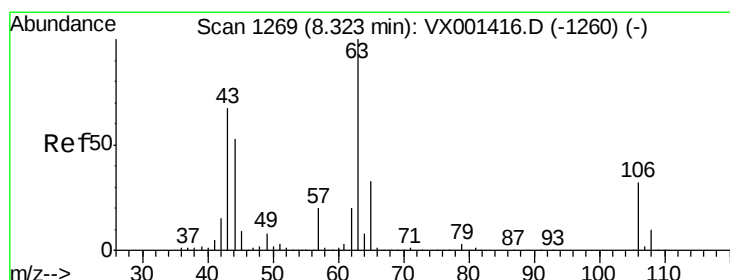
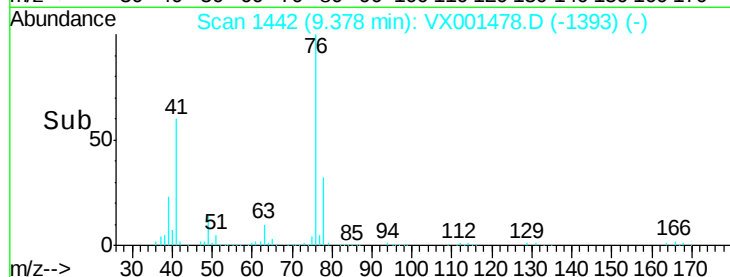
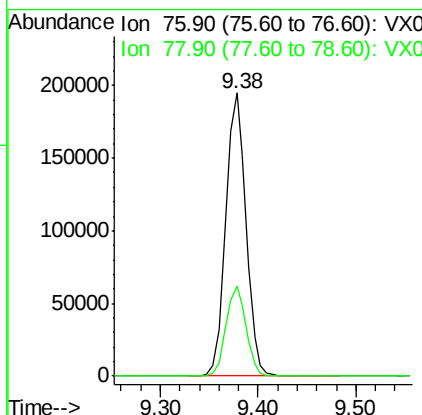
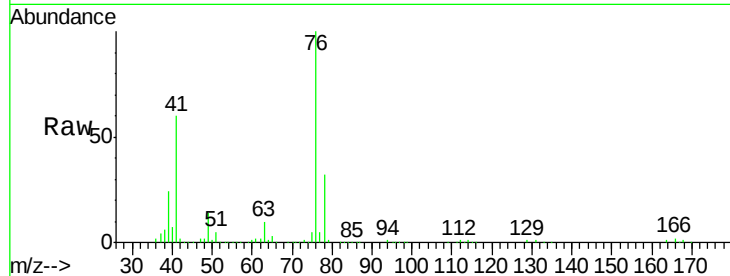
#57
 1,3-Dichloropropane
 Concen: 52.92 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

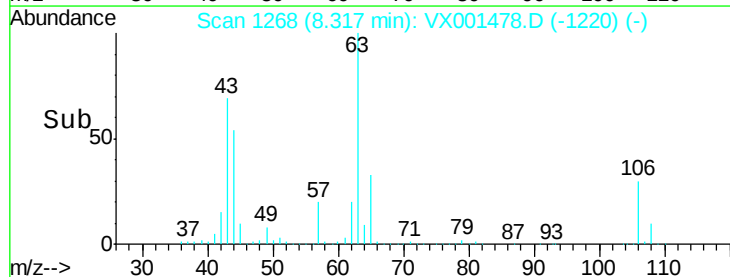
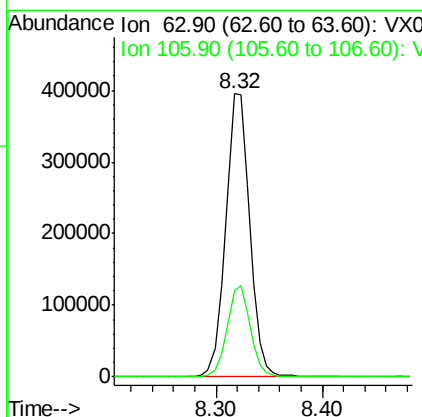
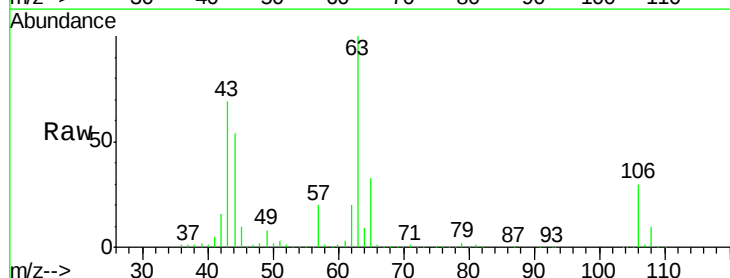
Manual Integrations
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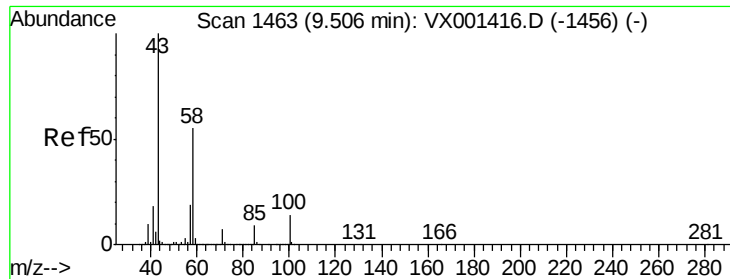
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 277.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.4	38.0





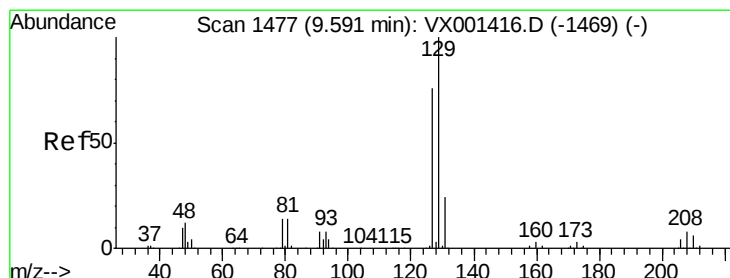
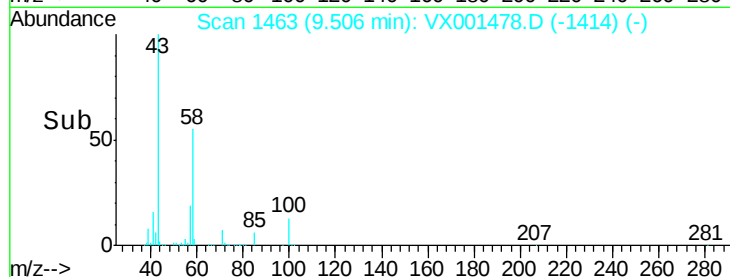
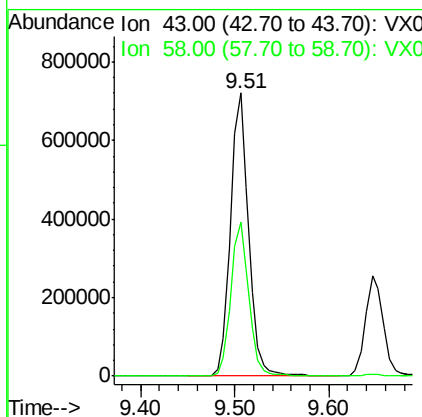
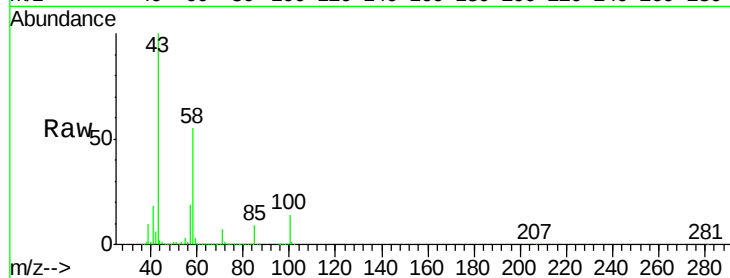
#59
2-Hexanone
Concen: 271.13 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.1	81.2

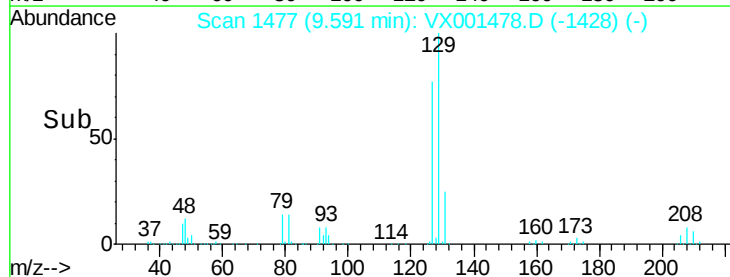
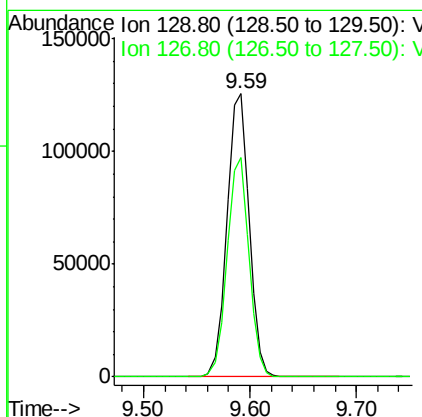
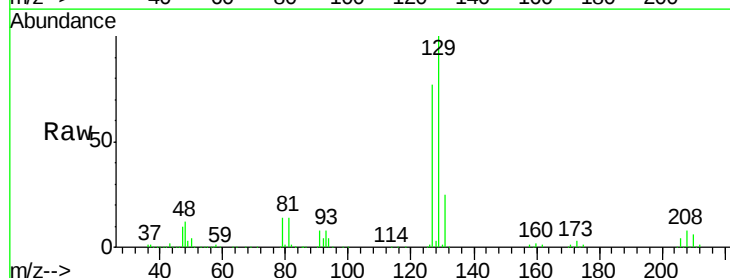
Manual Integrations
APPROVED

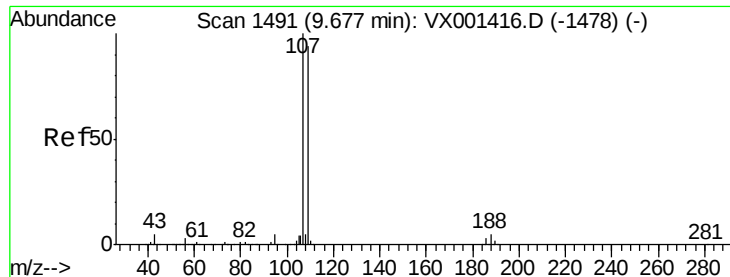
MMDadoda
5/9/2018 5:47:34 PM



#60
Dibromochloromethane
Concen: 56.44 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.1	114.5





#61

1,2-Dibromoethane

Concen: 53.91 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 180467

Ion Ratio Lower Upper

107 100

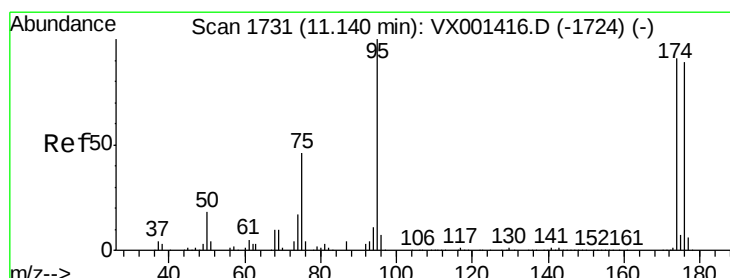
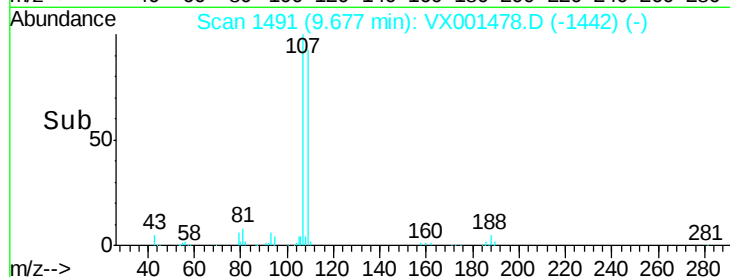
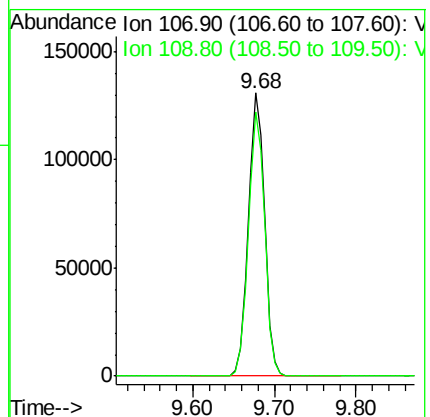
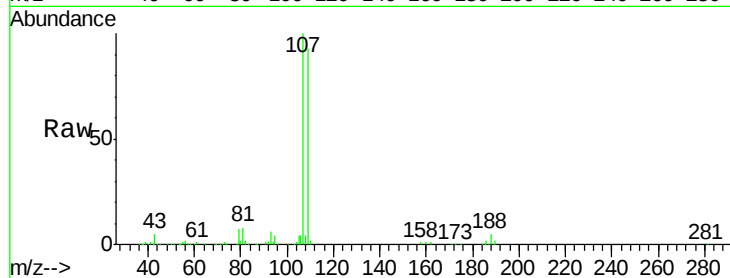
109 93.9 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:34 PM



#62

4-Bromofluorobenzene

Concen: 50.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

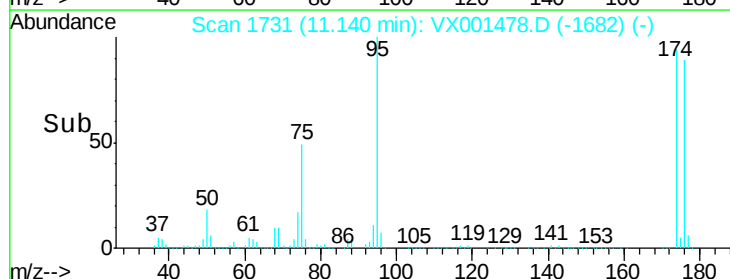
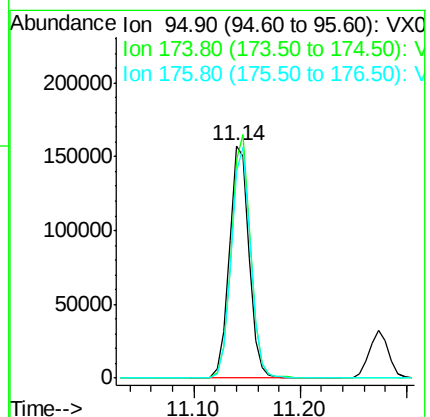
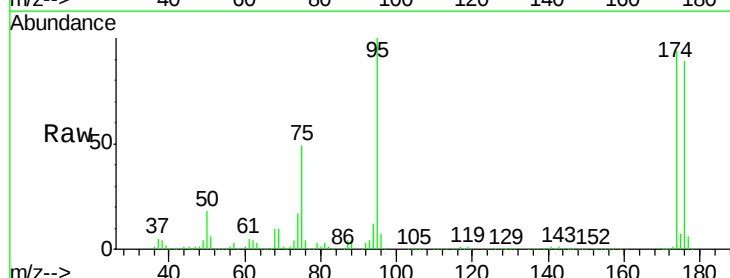
Tgt Ion: 95 Resp: 204665

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

176 97.9 0.0 197.4





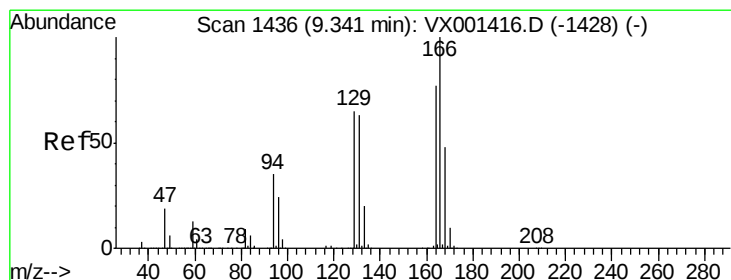
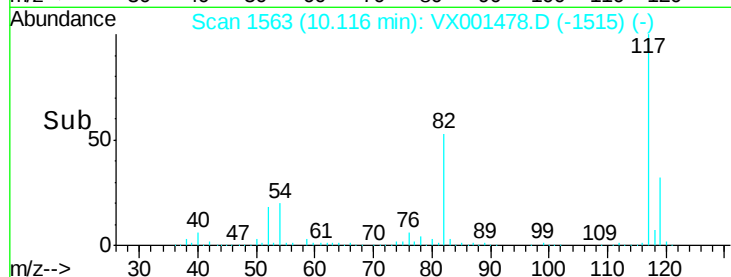
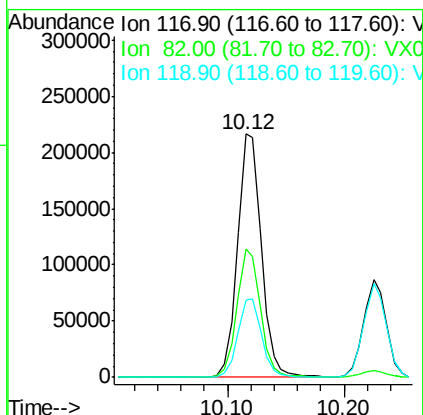
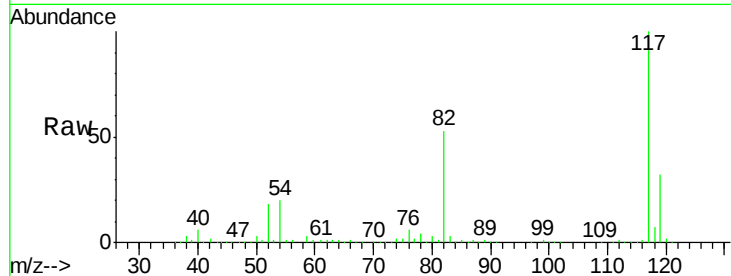
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.0	60.0
119	31.8	25.8	38.8

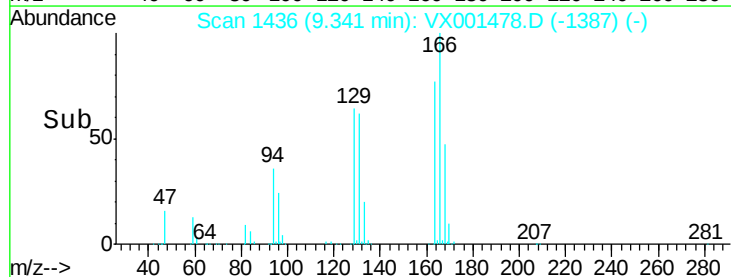
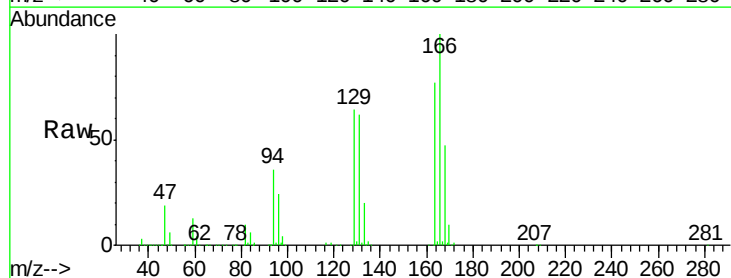
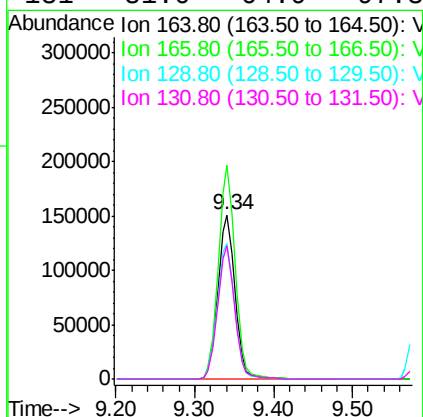
Manual Integrations
APPROVED

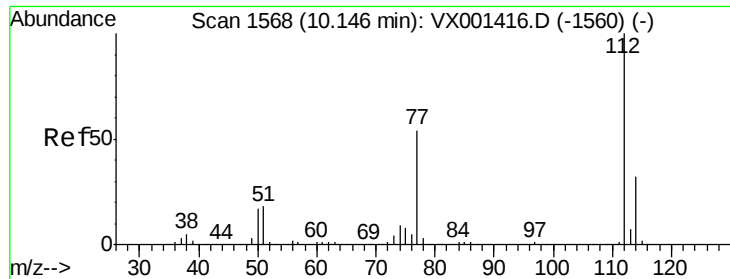
MMDadoda
5/9/2018 5:47:34 PM



#64
Tetrachloroethene
Concen: 52.96 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.5	155.3
129	82.6	66.7	100.1
131	81.0	64.9	97.3





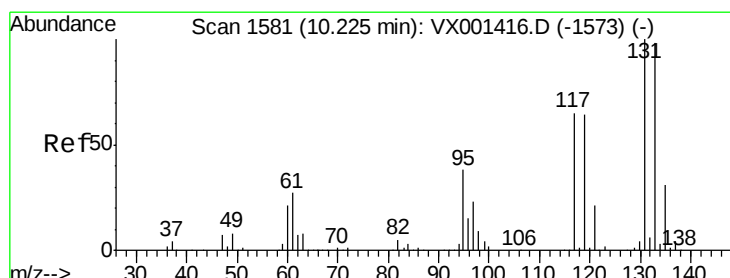
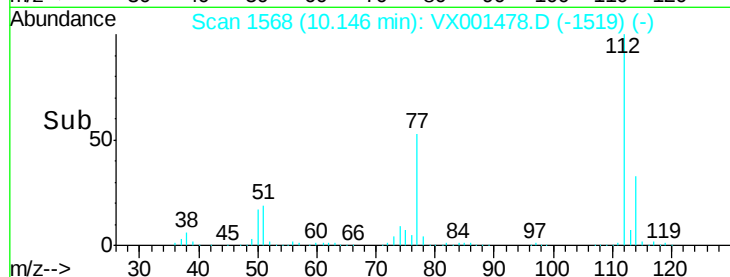
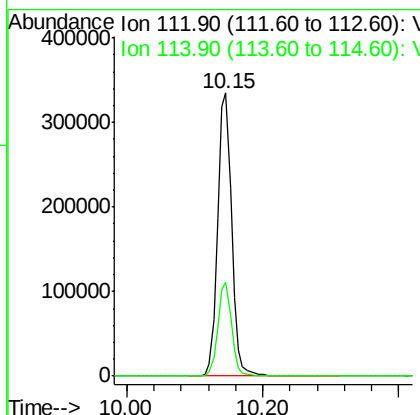
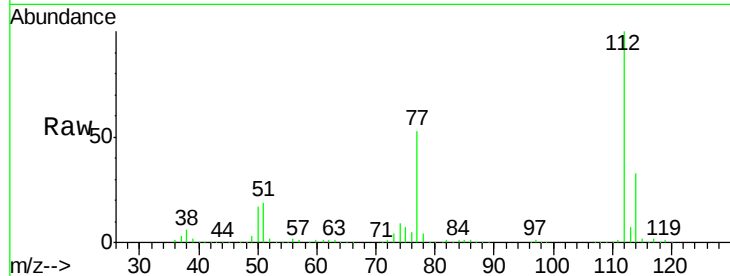
#65
Chlorobenzene
Concen: 52.57 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 477884
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

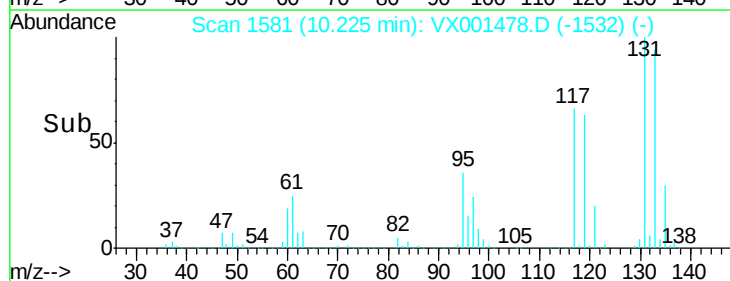
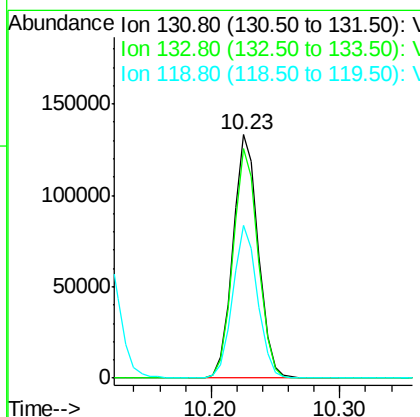
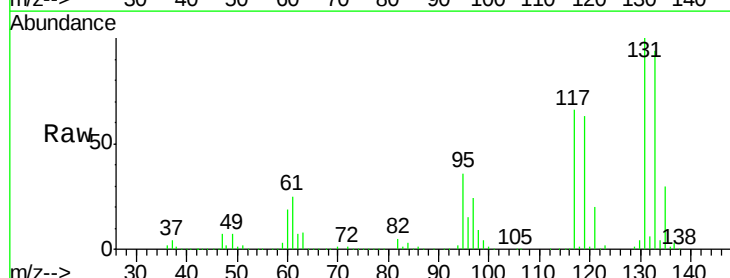
Manual Integrations
APPROVED

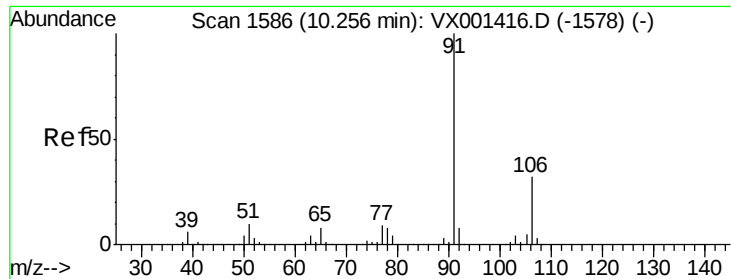
MMDadoda
5/9/2018 5:47:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.84 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion:131 Resp: 181561
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.8
119 61.8 31.1 93.3





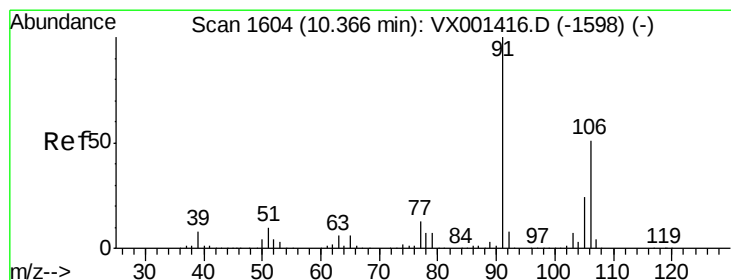
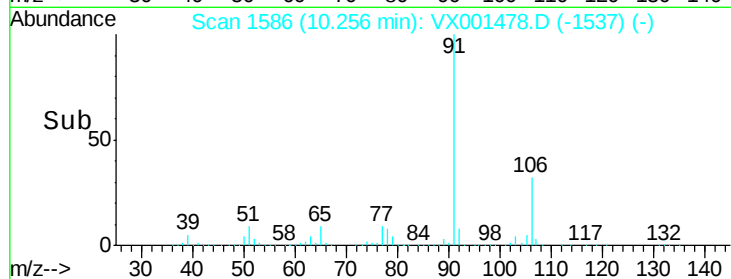
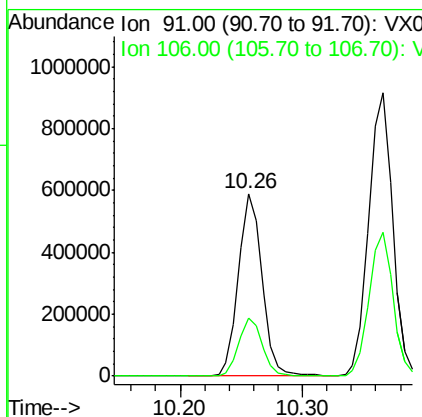
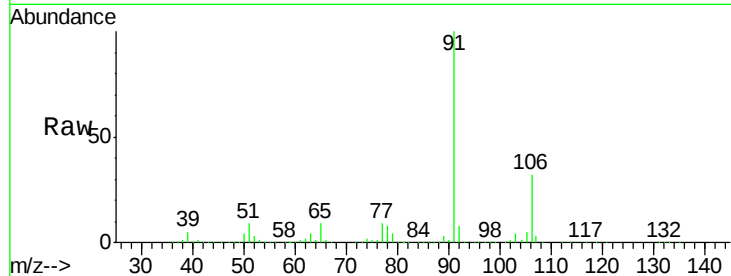
#67
Ethyl Benzene
Concen: 53.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 791660
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

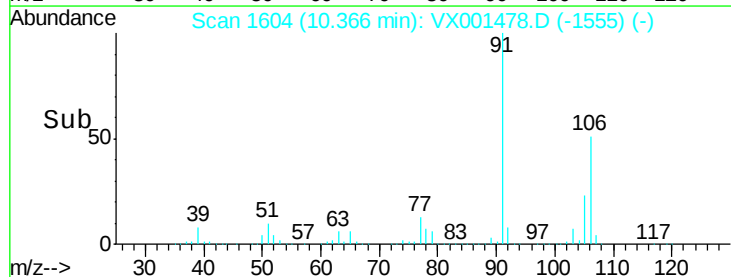
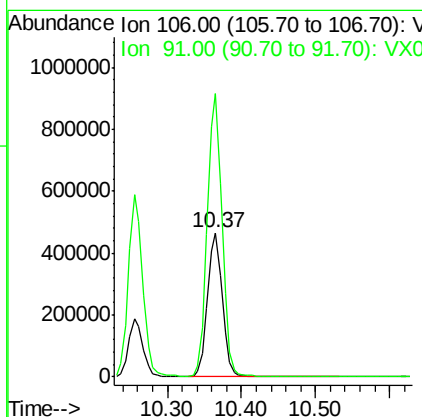
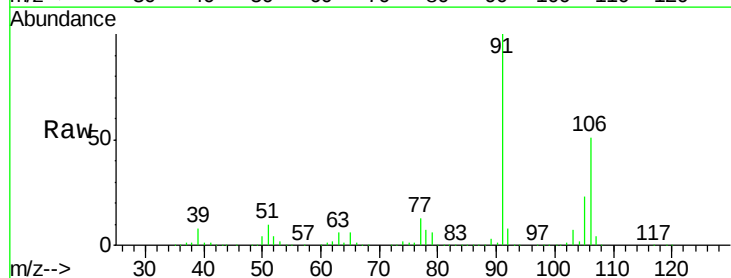
Manual Integrations
APPROVED

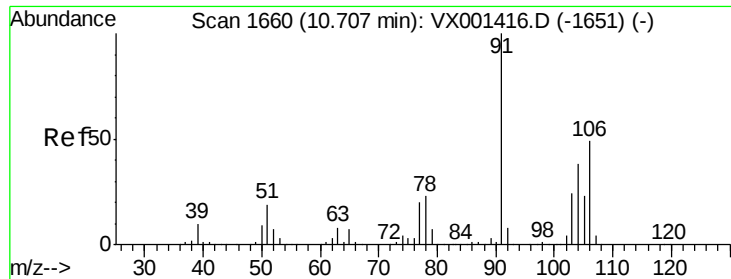
MMDadoda
5/9/2018 5:47:34 PM



#68
m/p-Xylenes
Concen: 108.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion: 106 Resp: 636640
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3





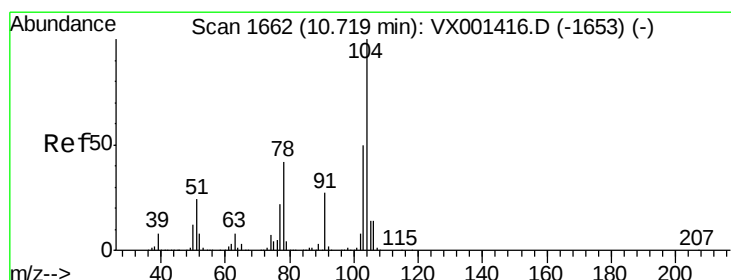
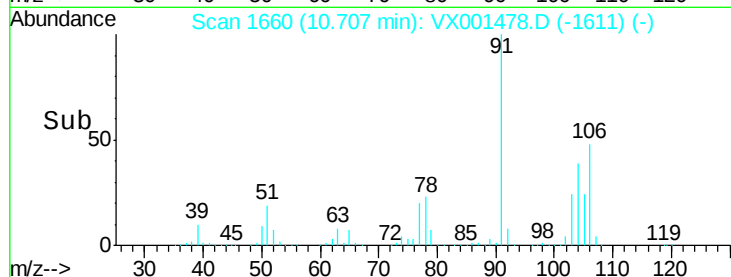
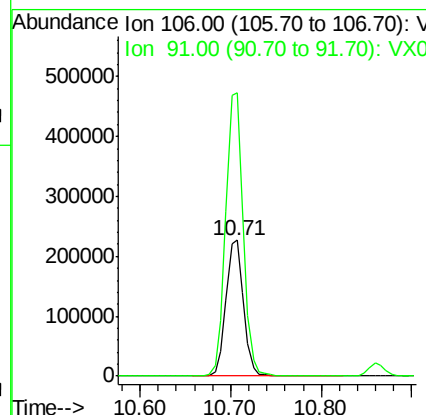
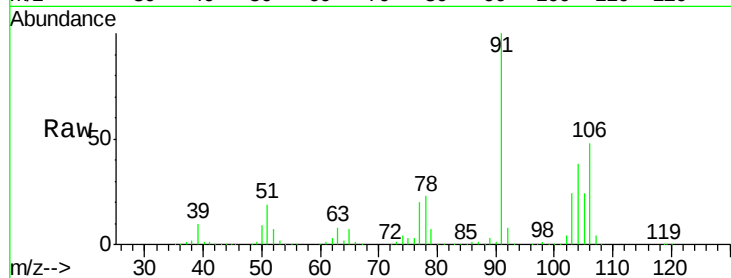
#69
o-Xylene
Concen: 54.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.4	103.1	309.1	

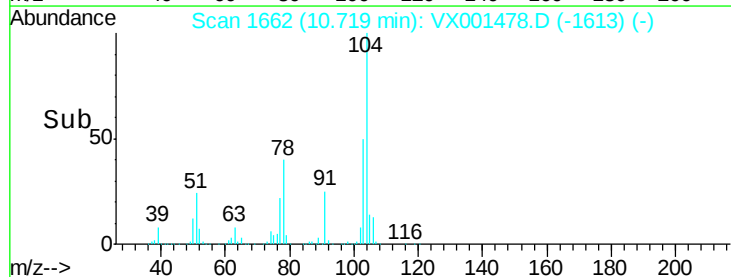
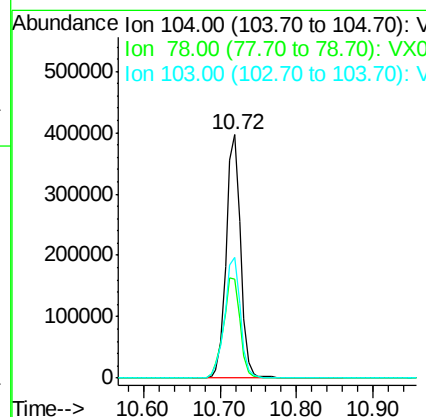
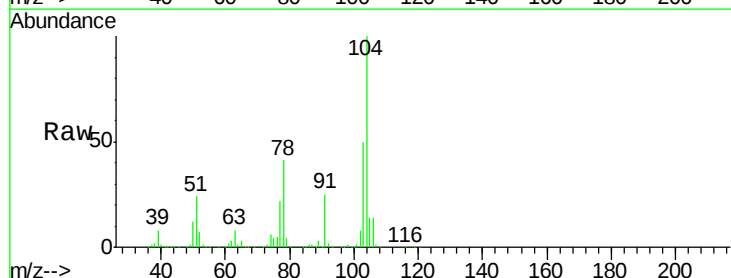
Manual Integrations
APPROVED

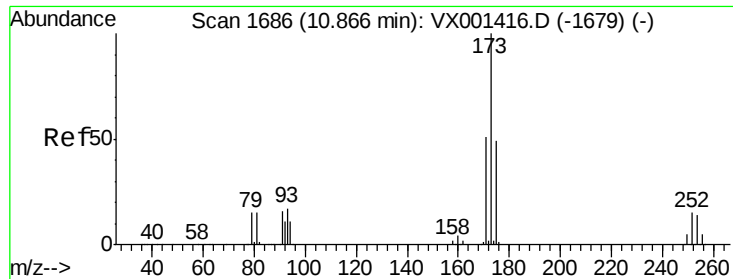
MMDadoda
5/9/2018 5:47:34 PM



#70
Styrene
Concen: 55.52 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	38.6	58.0	
103	54.5	44.0	66.0	





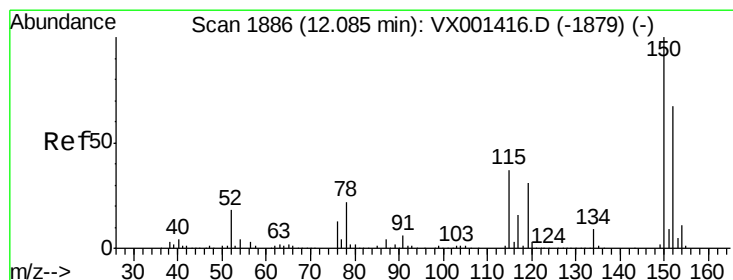
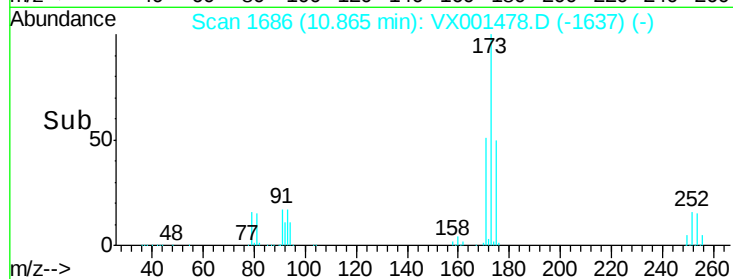
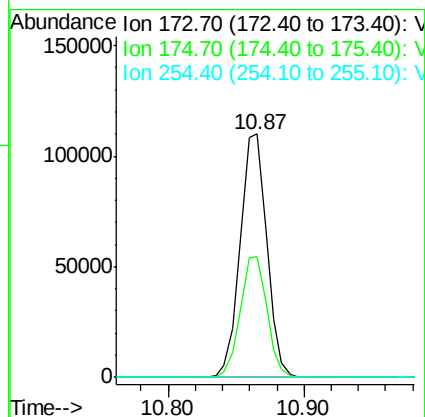
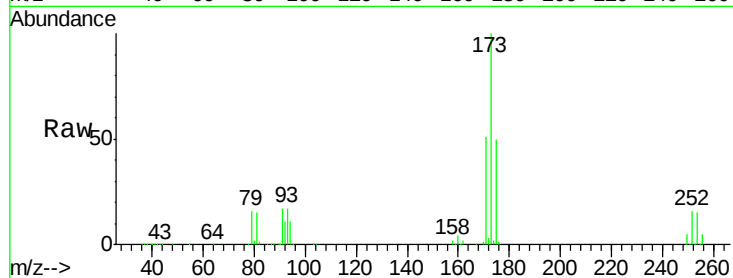
#71
Bromoform
Concen: 48.17 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.5	73.5
254	0.2	0.2	0.2

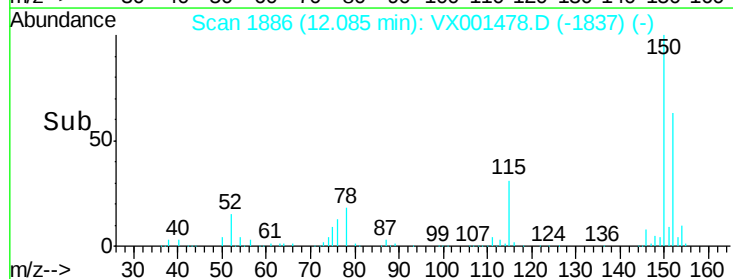
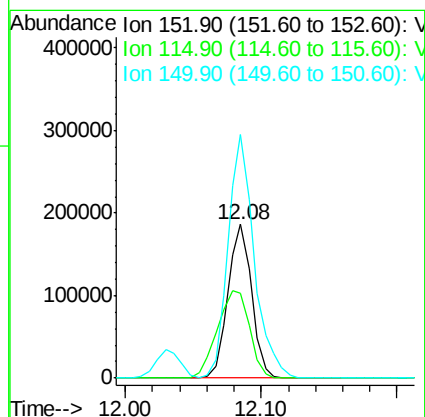
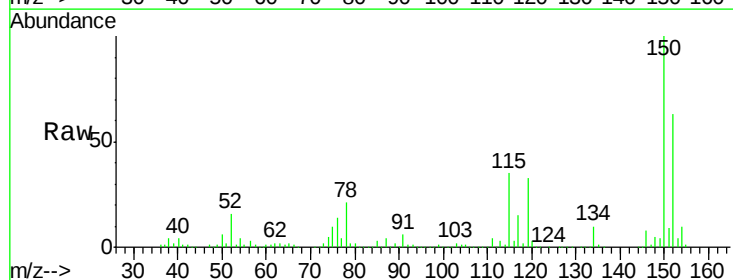
Manual Integrations
APPROVED

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5/9/2018 5:47:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	37.7	113.1
150	175.4	0.0	349.4





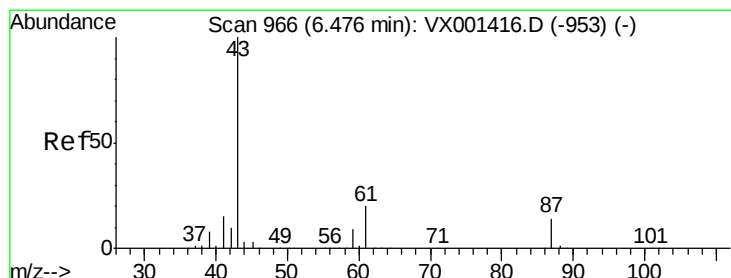
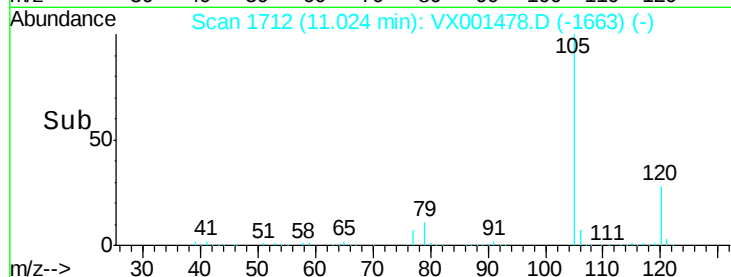
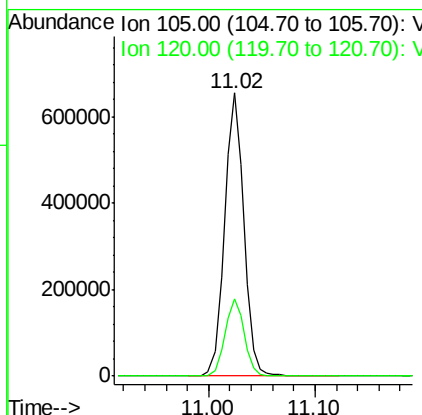
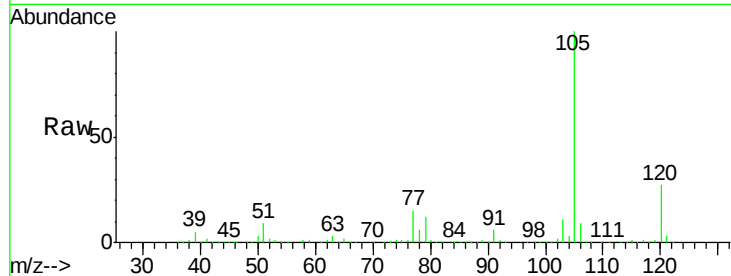
#73
Isopropylbenzene
Concen: 53.58 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 829330
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

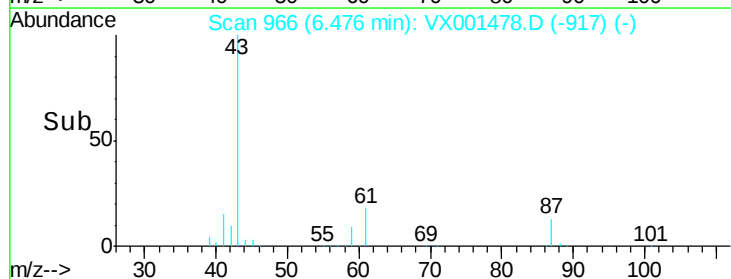
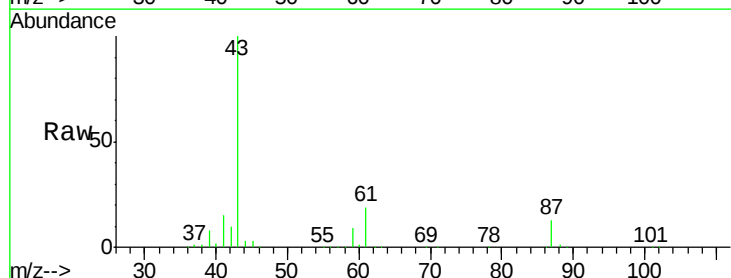
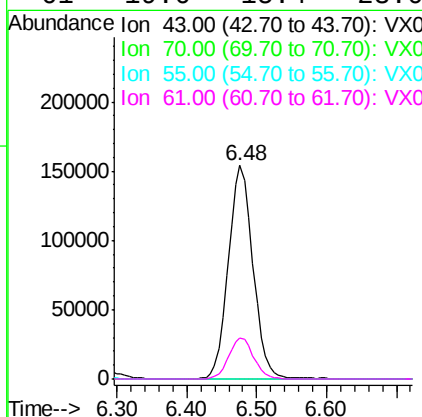
Manual Integrations
APPROVED

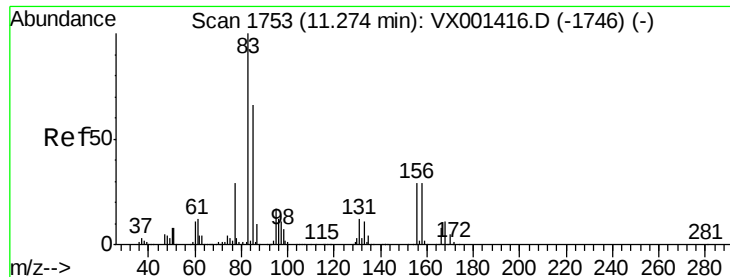
MMDadoda
5/9/2018 5:47:34 PM



#74
N-ethyl acetate
Concen: 53.48 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion: 43 Resp: 375979
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.1 0.1#
61 19.6 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 247352

Ion Ratio Lower Upper

83 100

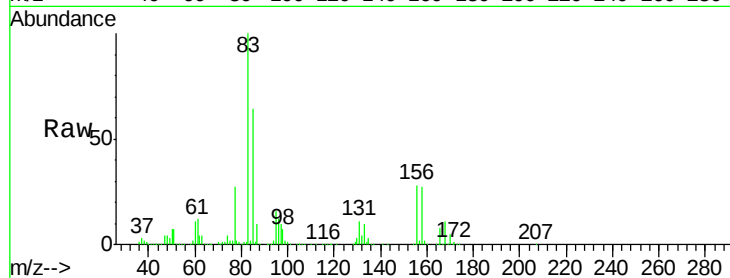
131 11.3 5.8 17.4

85 64.4 32.7 98.1

Manual Integrations
APPROVED

MMDadoda

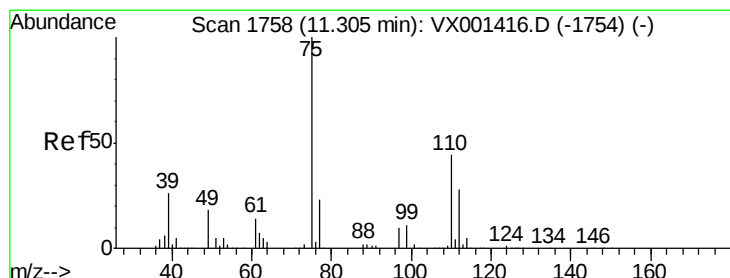
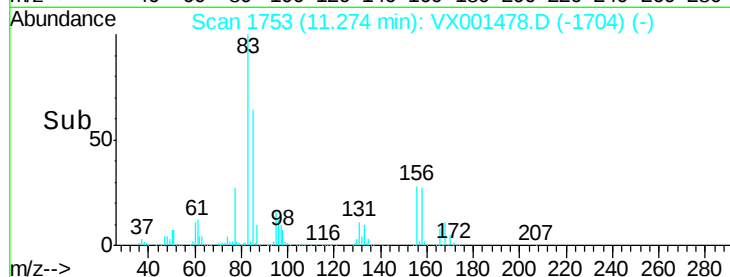
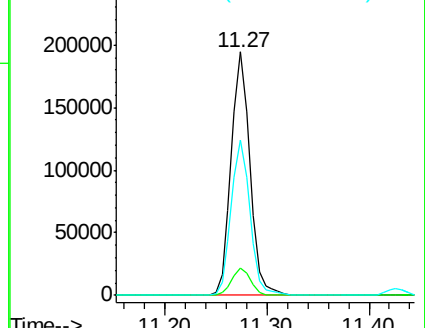
5/9/2018 5:47:34 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.37 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001478.D

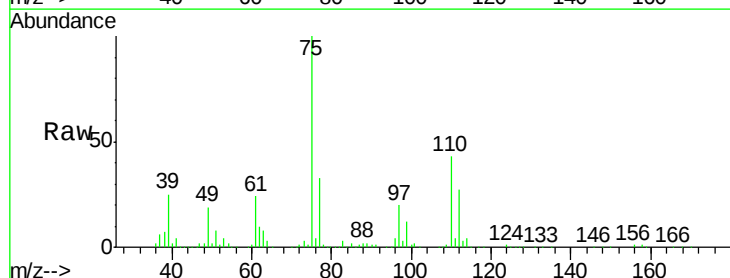
Acq: 07 May 2018 20:40

Tgt Ion: 75 Resp: 242015

Ion Ratio Lower Upper

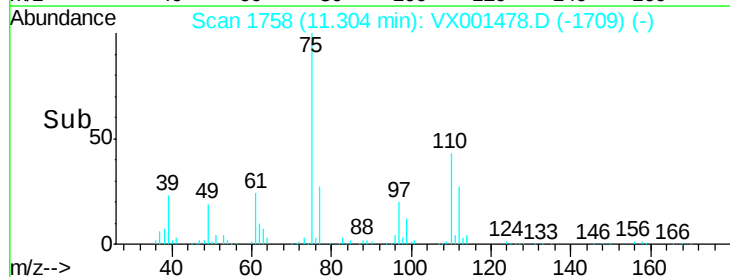
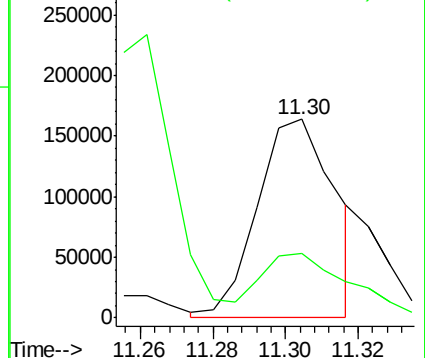
75 100

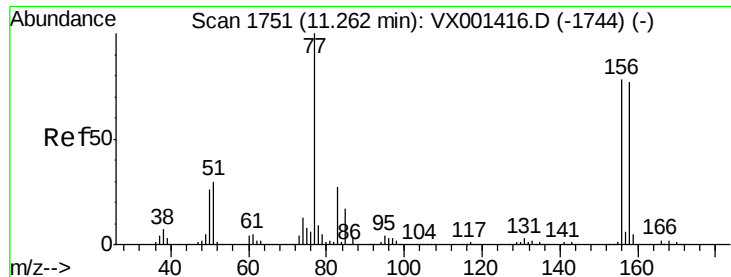
77 37.6 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

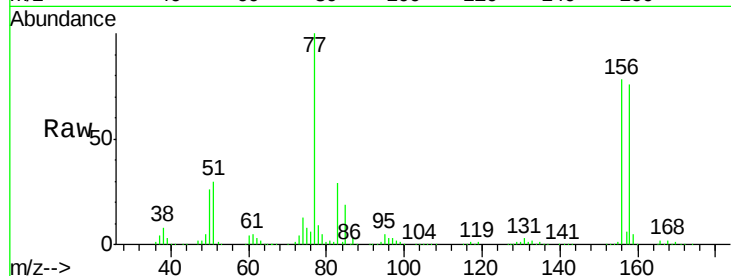
ClientSampleId :

VSTDCCC050EC

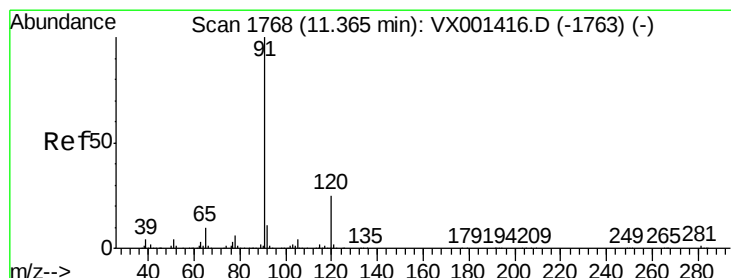
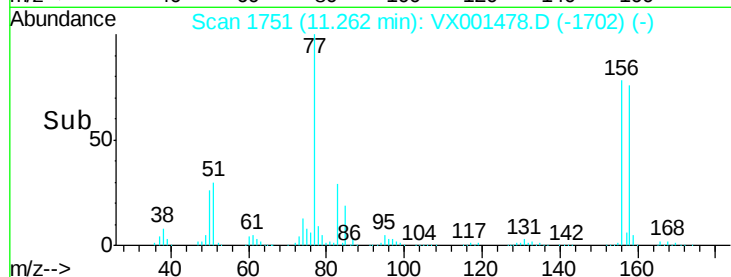
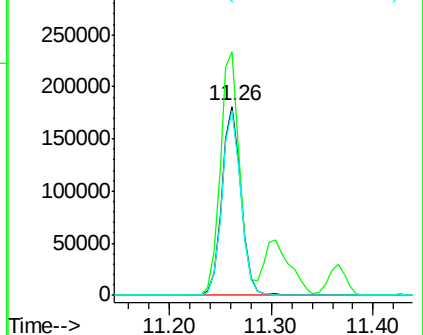
Tot Ion:	156	Resp:	236120
Ion Ratio	Lower	Upper	
156	100		
77	131.6	66.0	198.2
158	97.4	49.4	148.2

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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: 54.79 ug/l

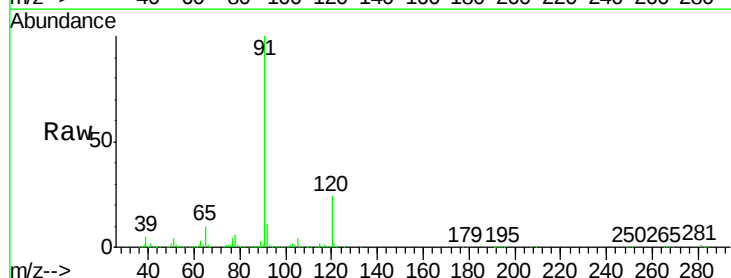
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

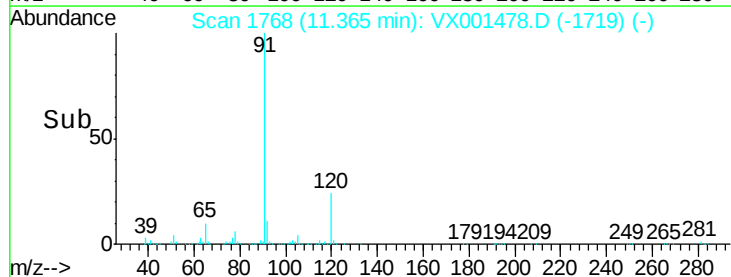
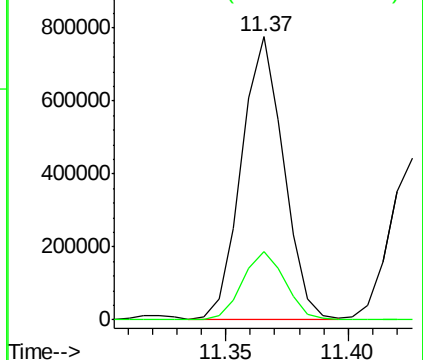
Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	91	Resp:	923541
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.5	37.5



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





#79

2-Chlorotoluene

Concen: 52.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 548175

Ion Ratio Lower Upper

91 100

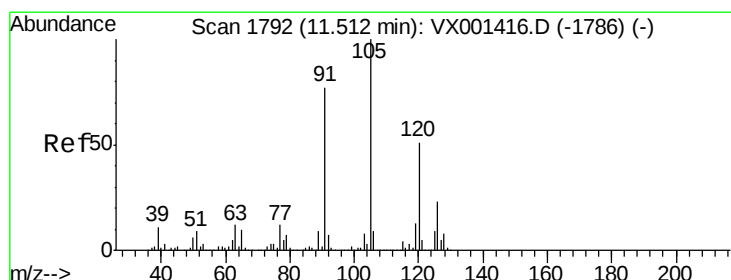
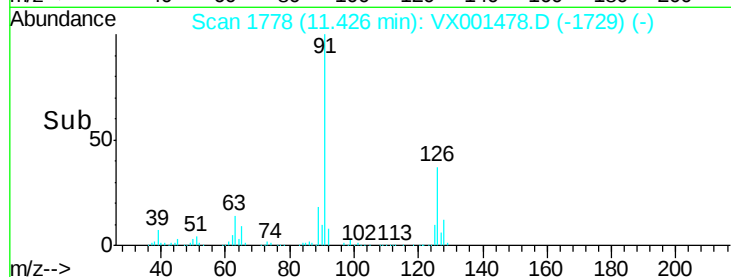
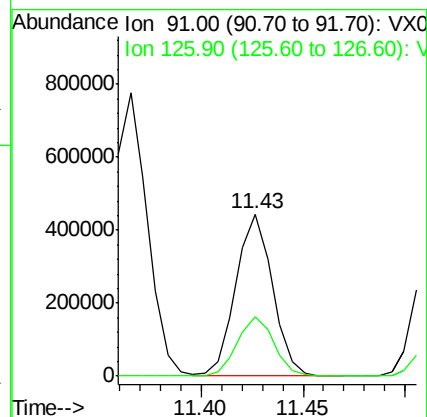
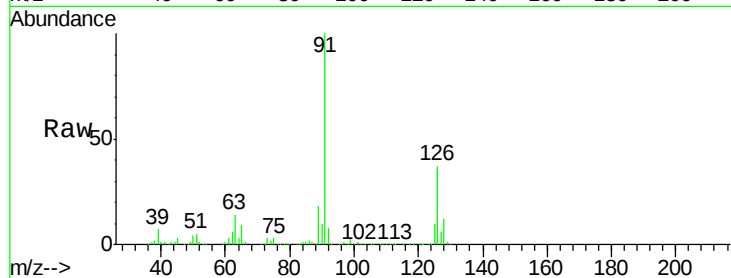
126 37.3 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001478.D

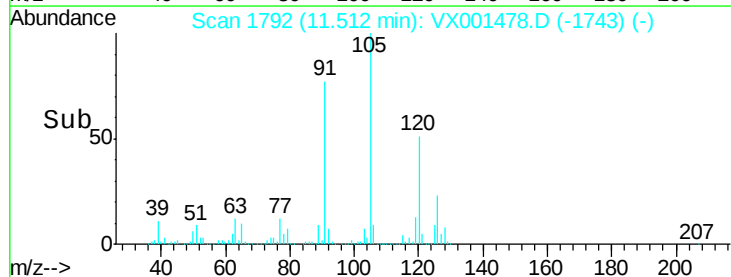
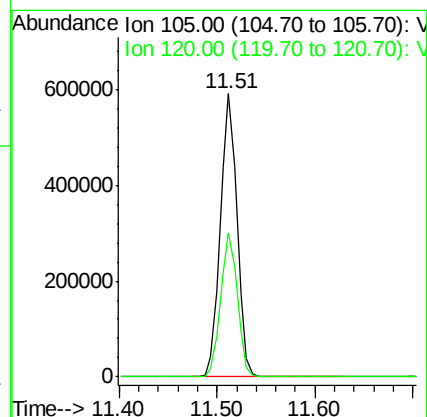
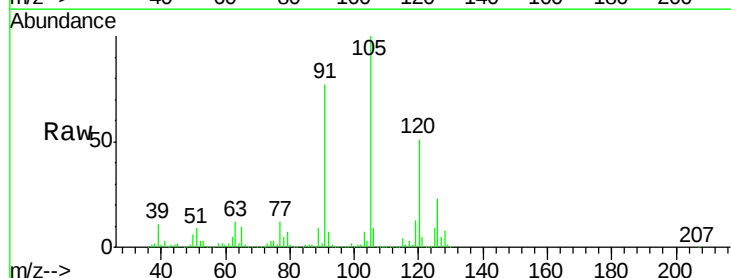
Acq: 07 May 2018 20:40

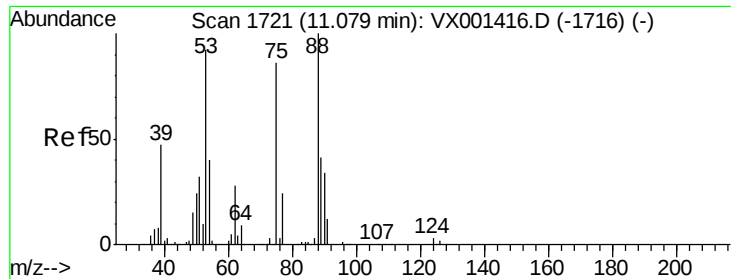
Tgt Ion:105 Resp: 698918

Ion Ratio Lower Upper

105 100

120 51.2 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 47.48 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 67189

Ion Ratio Lower Upper

75 100

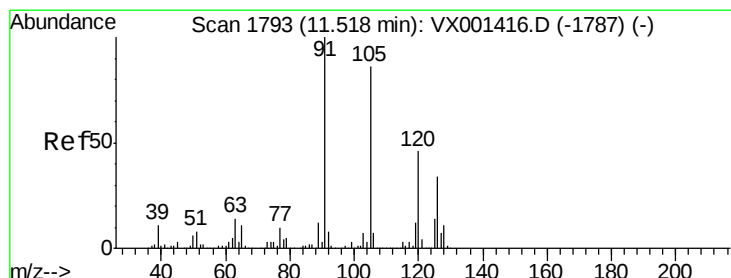
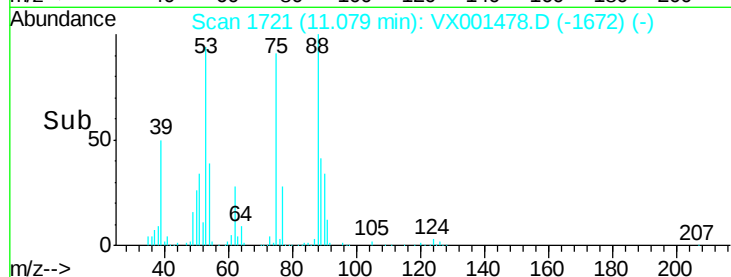
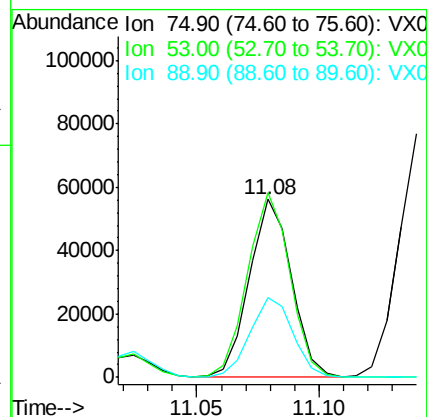
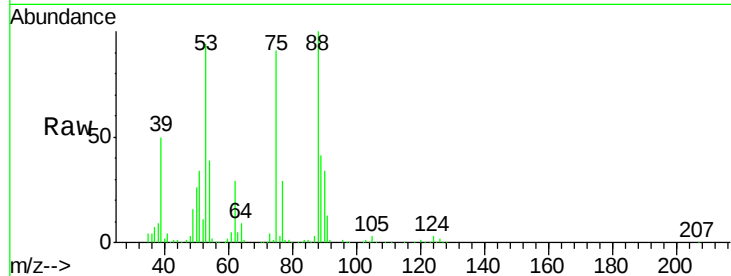
53 104.8 84.5 126.7

89 46.0 39.5 59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001478.D

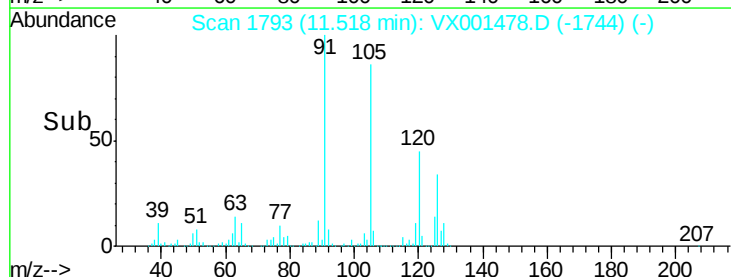
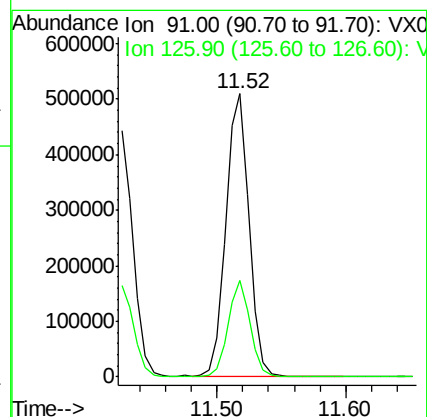
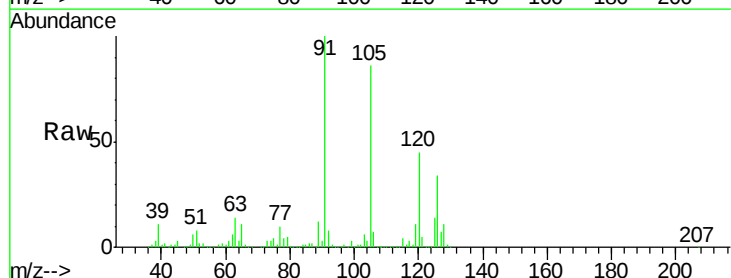
Acq: 07 May 2018 20:40

Tgt Ion: 91 Resp: 646287

Ion Ratio Lower Upper

91 100

126 32.3 16.2 48.5





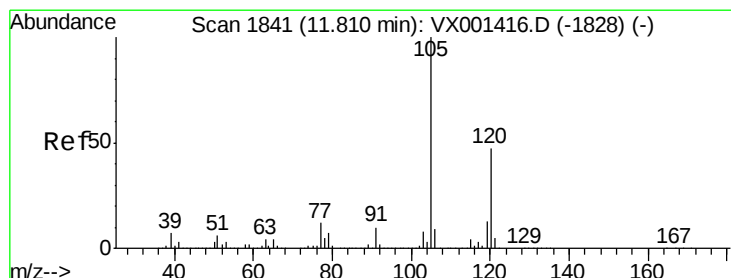
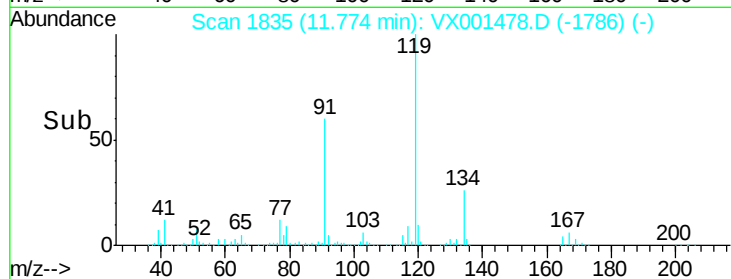
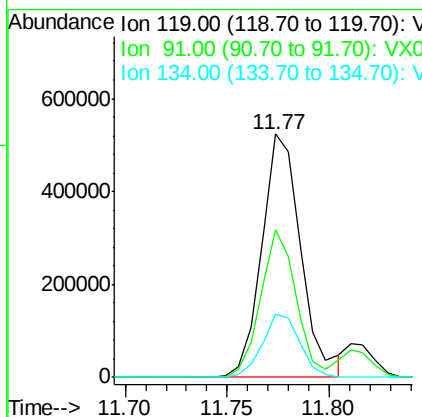
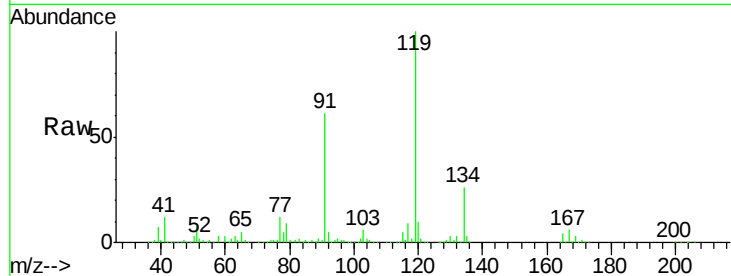
#83
 tert-Butylbenzene
 Concen: 54.53 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.8	83.3
134	24.8	12.4	37.0

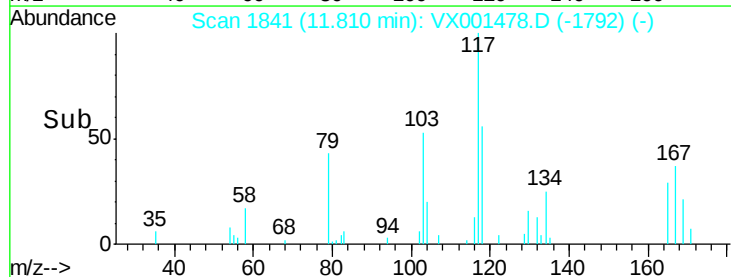
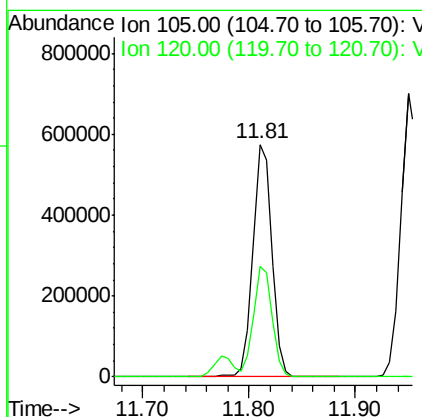
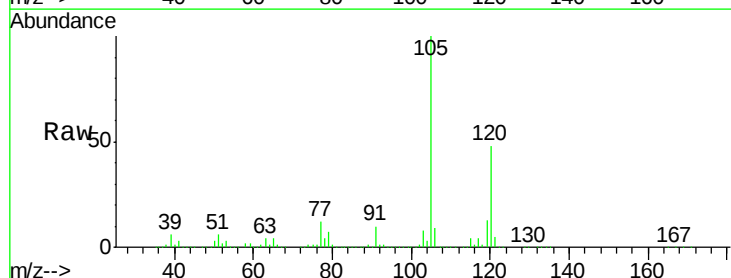
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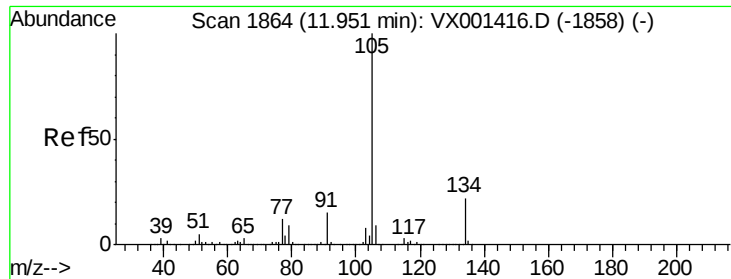
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.66 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.2





#85

sec-Butylbenzene

Concen: 54.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 841999

Ion Ratio Lower Upper

105 100

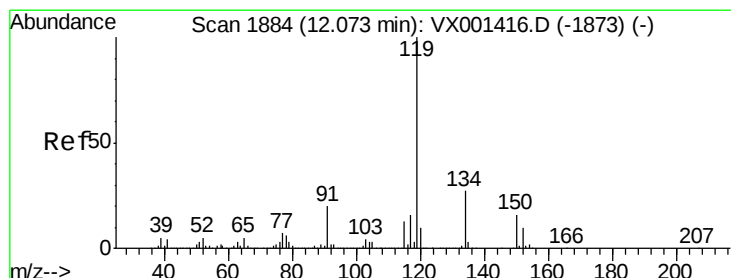
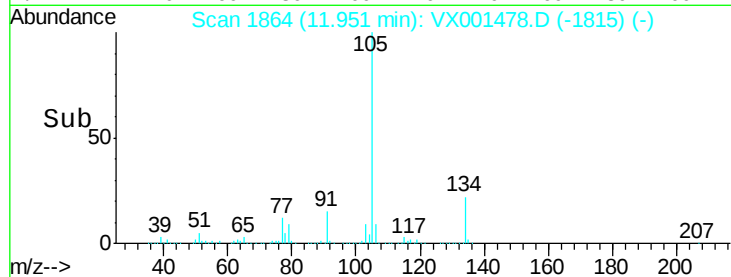
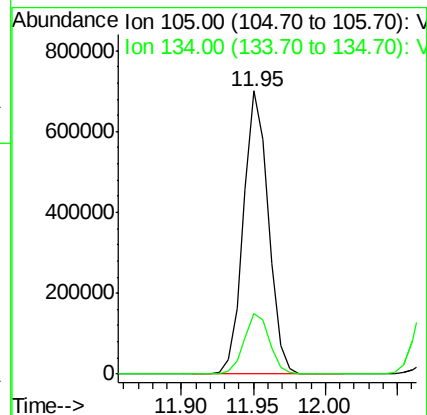
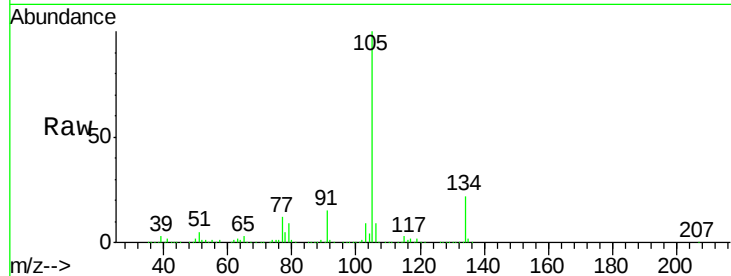
134 21.8 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 54.92 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

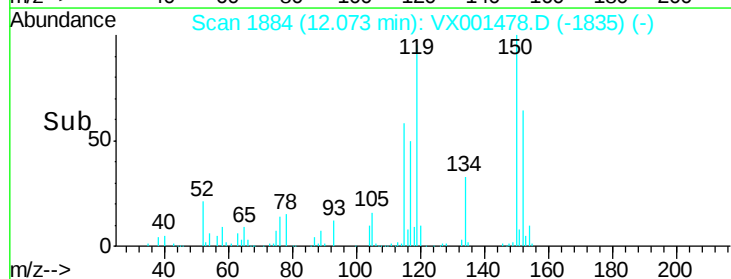
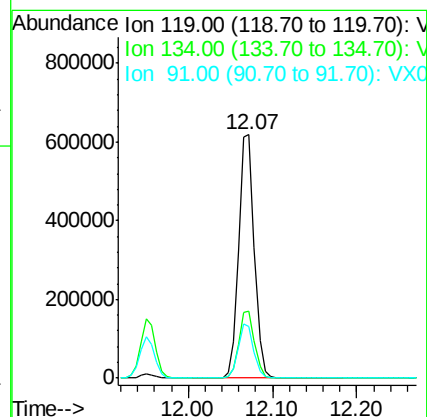
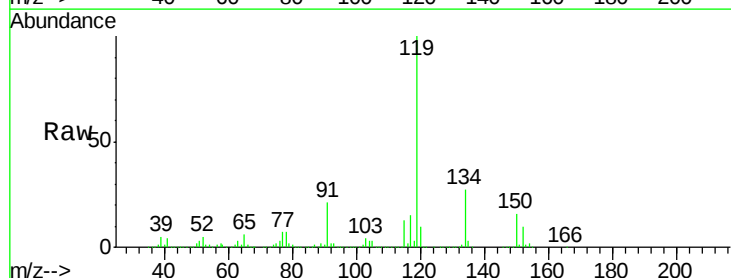
Tgt Ion:119 Resp: 775399

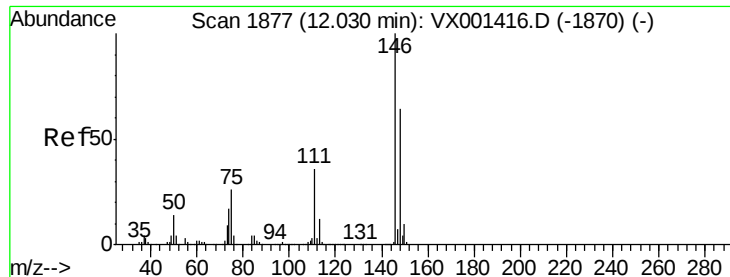
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 21.7 10.8 32.3





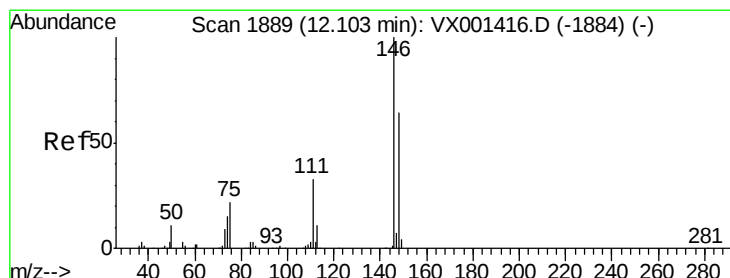
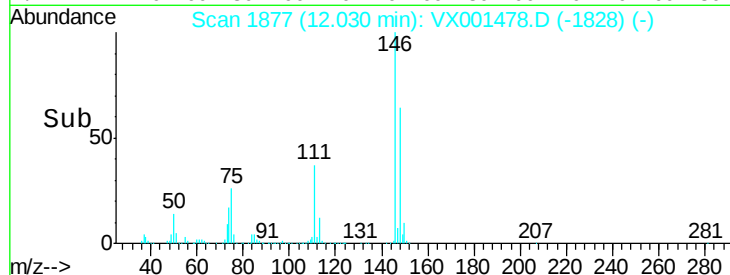
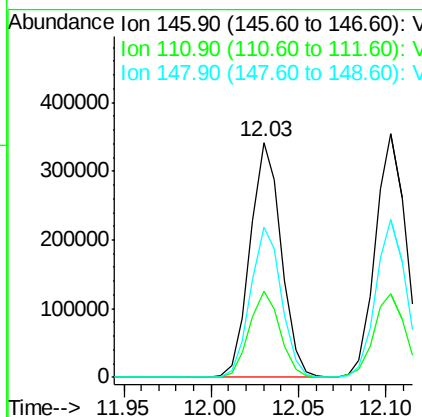
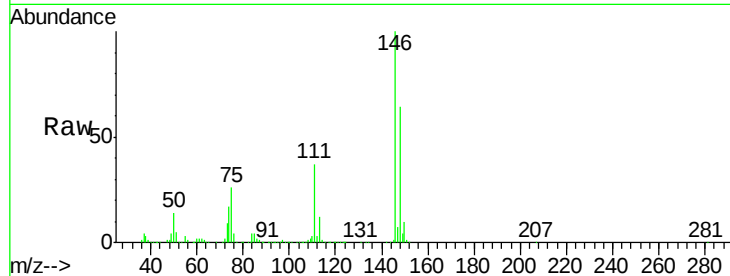
#87
 1,3-Dichlorobenzene
 Concen: 52.43 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	63.8	32.1	96.5

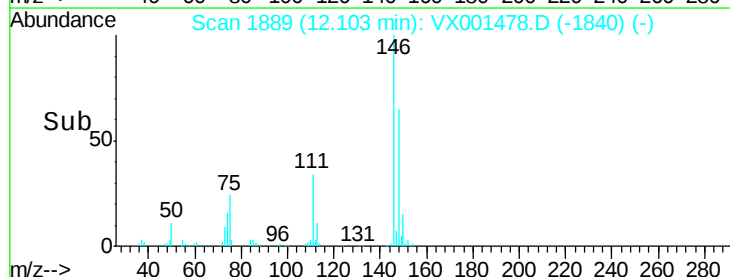
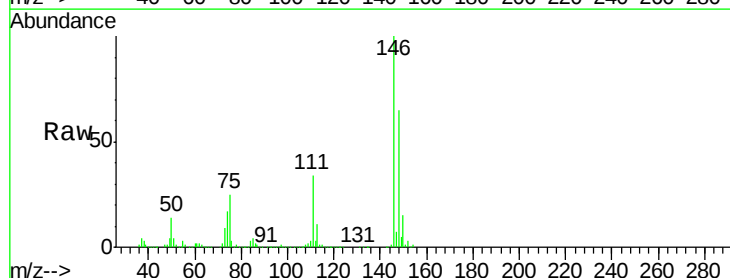
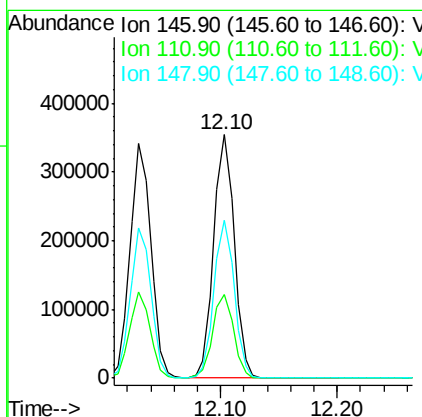
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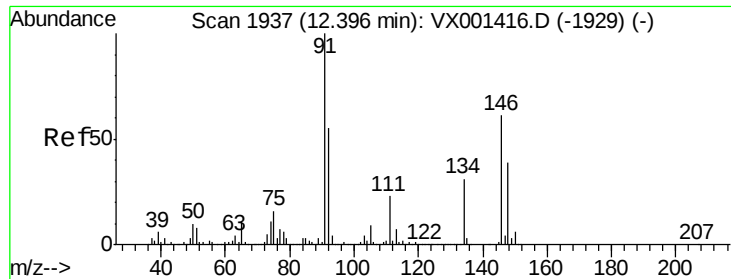
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#88
 1,4-Dichlorobenzene
 Concen: 52.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.4	52.3
148	64.3	32.2	96.6





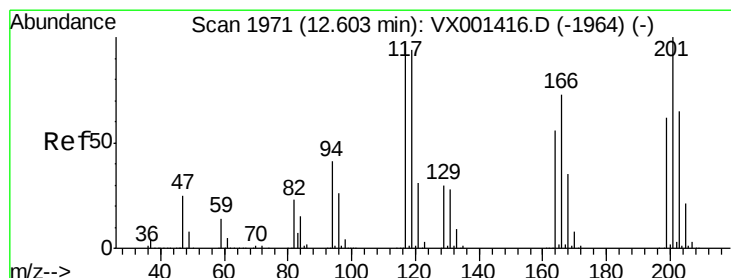
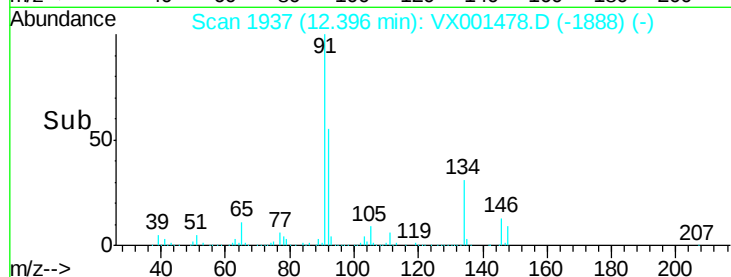
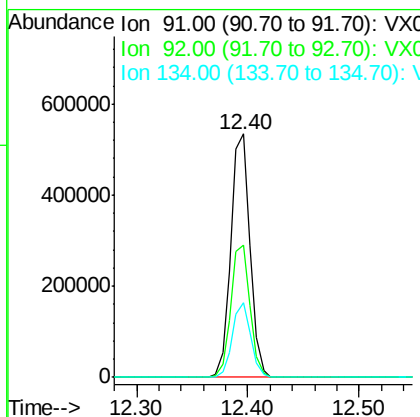
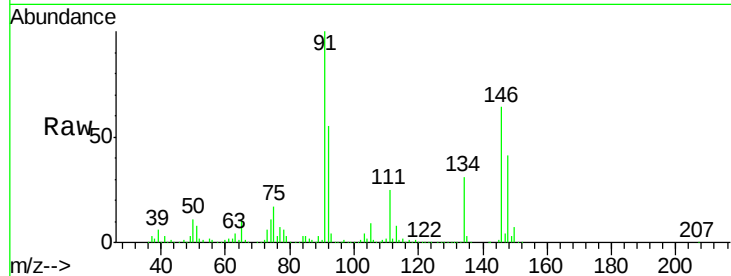
#89
n-Butylbenzene
Concen: 53.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	631399		
92	54.5	27.2	81.5	
134	29.4	14.6	44.0	

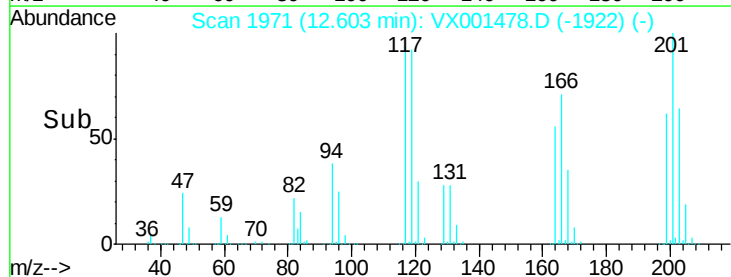
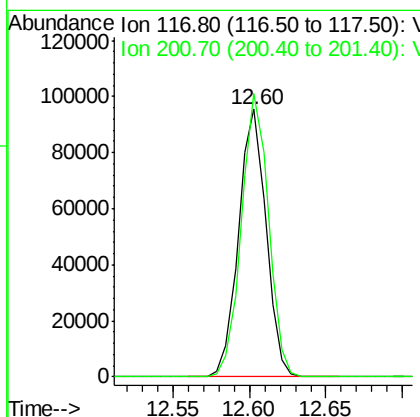
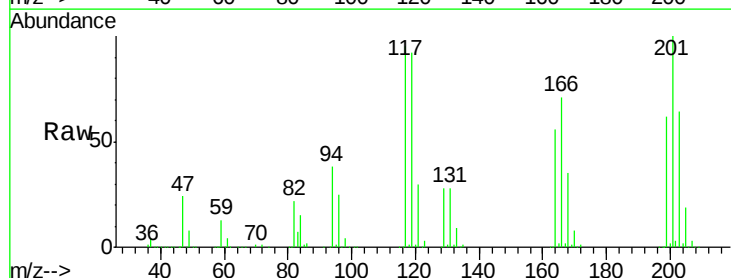
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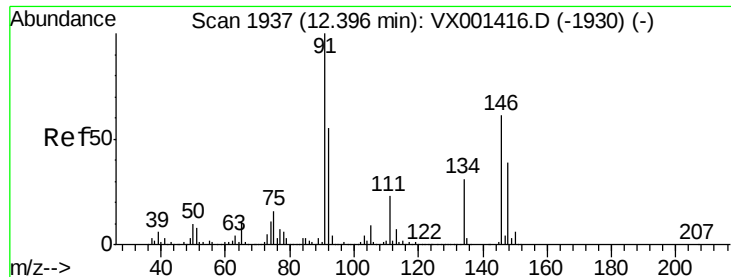
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#90
Hexachloroethane
Concen: 55.86 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001478.D
Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118762		
201	104.5	51.5	154.5	





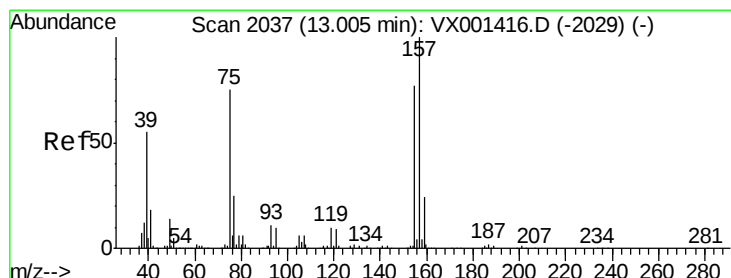
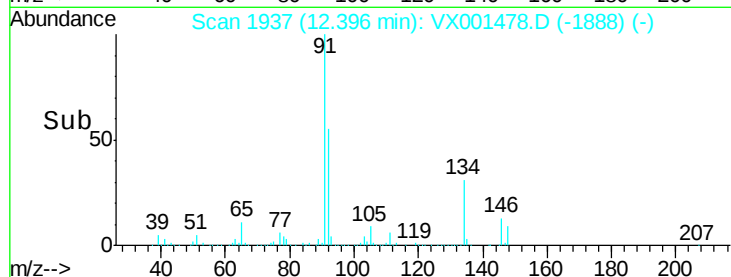
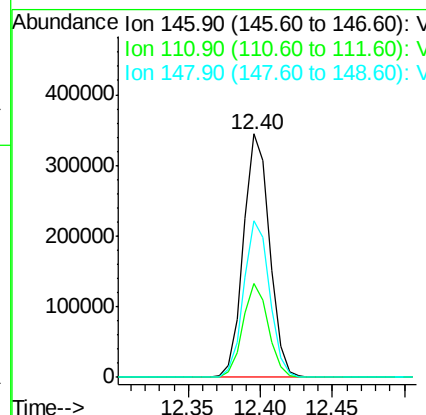
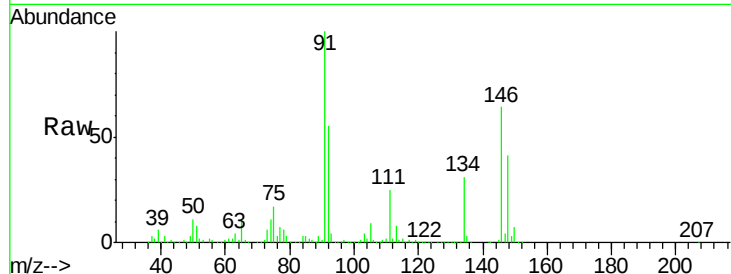
#91
 1,2-Dichlorobenzene
 Concen: 53.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.8	32.1	96.5

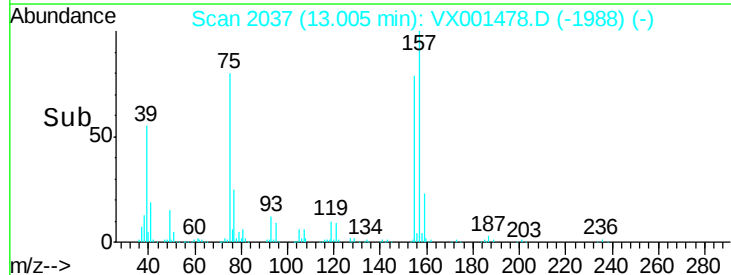
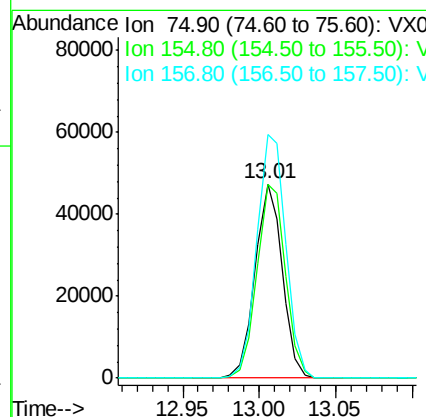
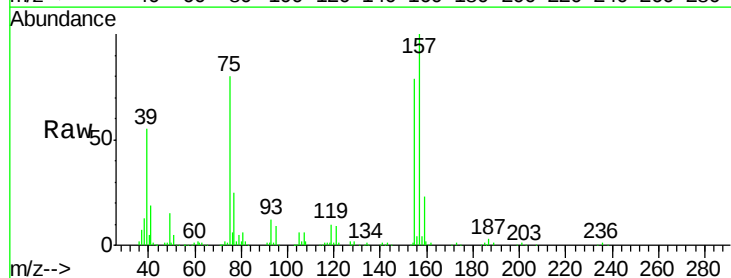
Manual Integrations
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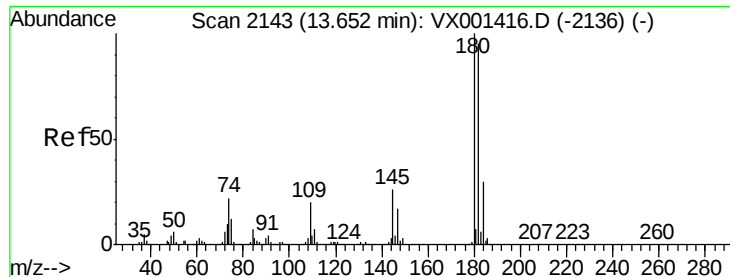
MMDadoda
 5/9/2018 5:47:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.2	53.4	160.2
157	133.4	68.3	204.8





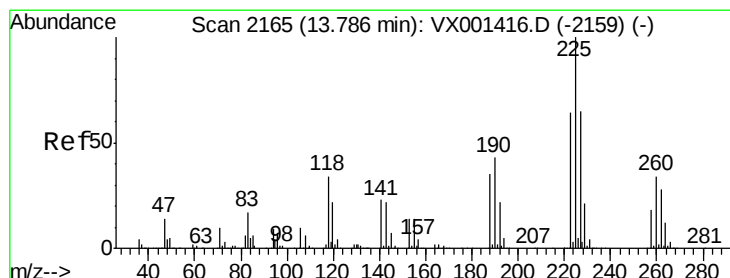
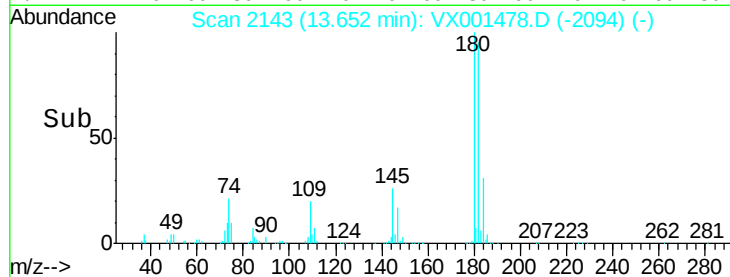
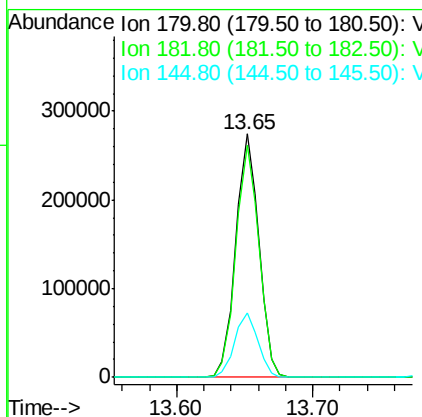
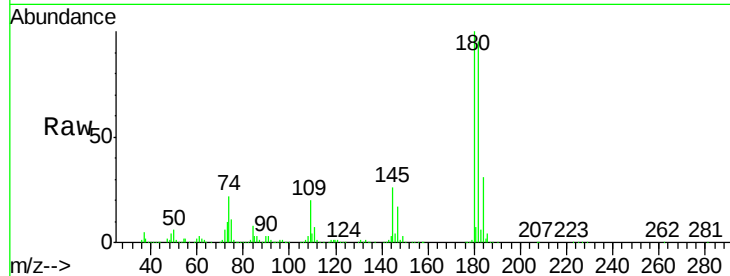
#93
 1,2,4-Trichlorobenzene
 Concen: 53.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	323282		
182	96.0	47.8	143.4	
145	26.8	13.3	39.9	

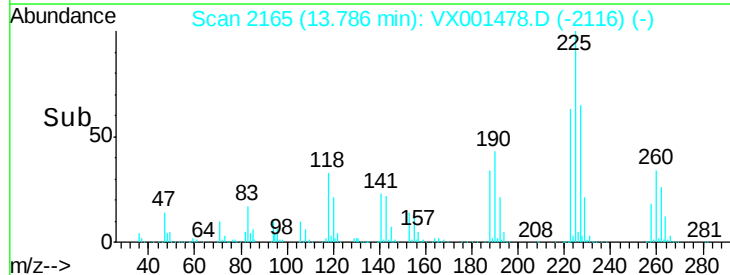
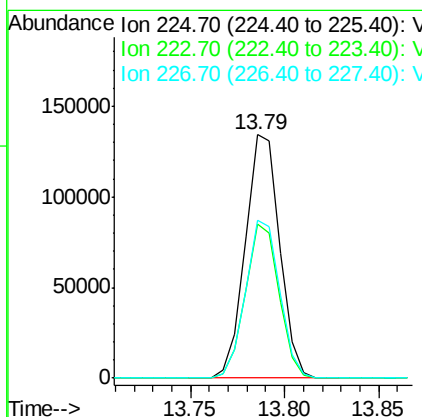
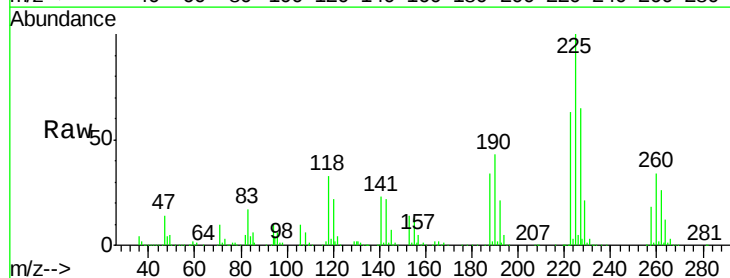
Manual Integrations
 APPROVED

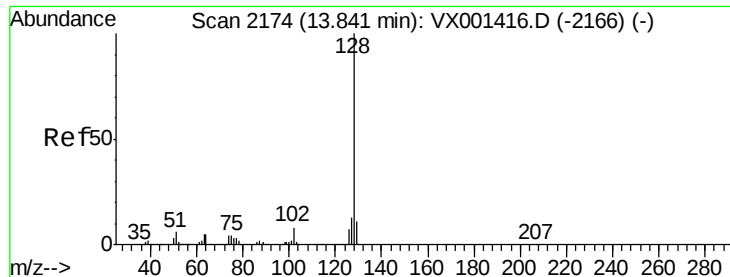
MMDadoda
 5/9/2018 5:47:34 PM



#94
 Hexachlorobutadiene
 Concen: 51.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001478.D
 Acq: 07 May 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169709		
223	62.0	31.3	93.9	
227	64.3	32.4	97.2	





#95

Naphthalene

Concen: 56.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Instrument :

MSVOA_X

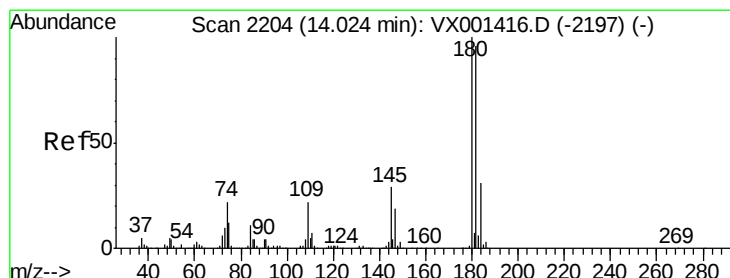
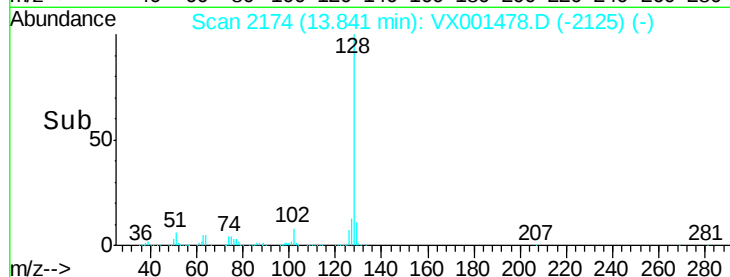
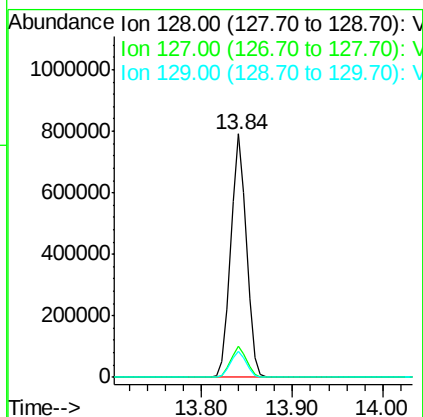
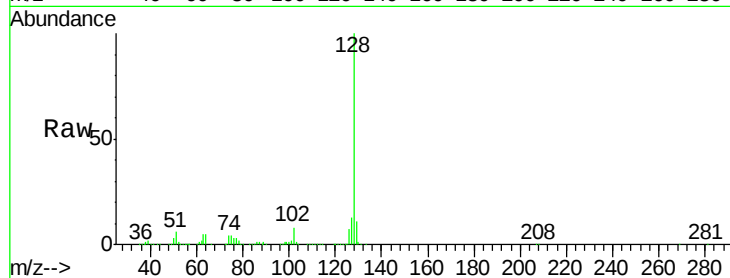
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	942554
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:34 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.55 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001478.D

Acq: 07 May 2018 20:40

Tgt Ion:	180	Resp:	335229
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.2
145	28.6	14.1	42.4

