

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003472.D
 Acq On : 19 Jul 2018 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:13 PM

Quant Time: Jul 20 04:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	425333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	263369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196191	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	178491	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	684917	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	11.14	95	251949	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137366	53.11	ug/l	99
3) Chloromethane	1.32	50	168117	52.46	ug/l	100
4) Vinyl Chloride	1.40	62	196353	47.41	ug/l	100
5) Bromomethane	1.64	94	87802	53.46	ug/l	100
6) Chloroethane	1.72	64	124773	50.91	ug/l	100
7) Trichlorofluoromethane	1.92	101	274265	49.63	ug/l	98
8) Diethyl Ether	2.19	74	116812	49.22	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	177346	49.04	ug/l	97
10) Methyl Iodide	2.51	142	188722	43.44	ug/l	93
11) Tert butyl alcohol	3.07	59	197434	258.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164106	49.28	ug/l	91
13) Acrolein	2.29	56	83017	240.58	ug/l	98
14) Allyl chloride	2.73	41	305379	51.80	ug/l	87
15) Acrylonitrile	3.15	53	486424	250.17	ug/l	98
16) Acetone	2.45	43	371229	254.64	ug/l #	89
17) Carbon Disulfide	2.57	76	459640	51.04	ug/l	98
18) Methyl Acetate	2.78	43	237674	51.71	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	555251	51.06	ug/l	100
20) Methylene Chloride	2.86	84	184907	51.91	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	179807	48.53	ug/l	93
22) Diisopropyl ether	3.87	45	556957	50.21	ug/l	95
23) Vinyl Acetate	3.82	43	2305056	252.27	ug/l	95
24) 1,1-Dichloroethane	3.69	63	330631	50.80	ug/l	100
25) 2-Butanone	4.71	43	609471	249.17	ug/l	92
26) 2,2-Dichloropropane	4.58	77	239927	48.54	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	199873	48.45	ug/l	96
28) Bromochloromethane	5.02	49	141524	49.75	ug/l	87
29) Tetrahydrofuran	5.16	42	398471	246.61	ug/l	91
30) Chloroform	5.21	83	318469	50.11	ug/l	96
31) Cyclohexane	5.57	56	287735	49.48	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	274109	50.37	ug/l	97
36) 1,1-Dichloropropene	5.80	75	244113	50.46	ug/l	98
37) Ethyl Acetate	4.86	43	236568	51.68	ug/l	95
38) Carbon Tetrachloride	5.78	117	244757	51.58	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	302594	52.81	ug/l	94
40) Benzene	6.14	78	742290	50.82	ug/l	100
41) Methacrylonitrile	5.06	41	137096	50.96	ug/l	91
42) 1,2-Dichloroethane	6.20	62	237474	51.61	ug/l	95
43) Isopropyl Acetate	6.46	43	377126	51.79	ug/l #	93
44) Trichloroethene	7.21	130	220576	50.64	ug/l	100
45) 1,2-Dichloropropane	7.52	63	190220	51.29	ug/l	99
46) Dibromomethane	7.67	93	123197	51.60	ug/l	95
47) Bromodichloromethane	7.90	83	234011	53.54	ug/l	97
48) Methyl methacrylate	7.78	41	198126	53.96	ug/l	84
49) 1,4-Dioxane	7.76	88	86935	1044.89	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1235877	268.66	ug/l	91
52) Toluene	8.79	92	476874	51.87	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	291541	54.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	264345	54.64	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	189644	51.84	ug/l	98
56) Ethyl methacrylate	9.18	69	280524	54.44	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	307810	52.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	666605	266.06	ug/l	97
59) 2-Hexanone	9.50	43	925398	271.51	ug/l	89
60) Dibromochloromethane	9.59	129	195757	54.06	ug/l	100
61) 1,2-Dibromoethane	9.68	107	197779	52.15	ug/l	99
64) Tetrachloroethene	9.34	164	258842	49.95	ug/l	98
65) Chlorobenzene	10.14	112	540282	49.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	194692	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	909431	51.61	ug/l	99
68) m/p-Xylenes	10.36	106	719067	104.09	ug/l	96
69) o-Xylene	10.70	106	344616	51.59	ug/l	95
70) Styrene	10.71	104	582094	52.98	ug/l	97
71) Bromoform	10.86	173	154995	52.91	ug/l	100
73) Isopropylbenzene	11.02	105	928575	50.98	ug/l	99
74) N-amyl acetate	6.46	43	377126	48.76	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	263461	49.36	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	278824m	58.93	ug/l	
77) Bromobenzene	11.26	156	253435	48.38	ug/l	97
78) n-propylbenzene	11.36	91	1046699	51.70	ug/l	98
79) 2-Chlorotoluene	11.42	91	616347	50.14	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	770542	51.47	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	80461	48.38	ug/l	88
82) 4-Chlorotoluene	11.51	91	725997	50.41	ug/l	97
83) tert-Butylbenzene	11.77	119	745979	50.89	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	789919	51.86	ug/l	97
85) sec-Butylbenzene	11.95	105	915209	51.40	ug/l	100
86) p-Isopropyltoluene	12.07	119	832263	52.08	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	466579	48.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	469366	47.32	ug/l	99
89) n-Butylbenzene	12.39	91	706748	52.08	ug/l	98
90) Hexachloroethane	12.60	117	117580	51.76	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	462021	48.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52583	50.62	ug/l	87

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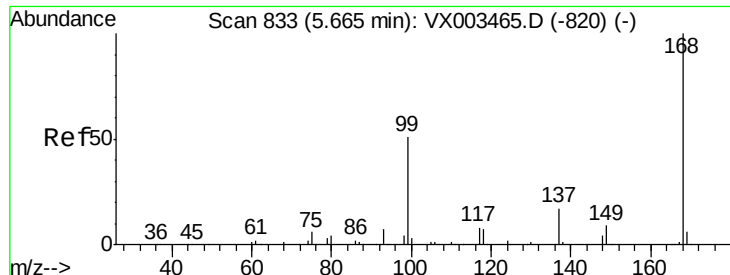
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341615	49.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	165137	49.36	ug/l	98
95) Naphthalene	13.83	128	938098	51.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	340340	49.43	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 326046

Ion Ratio Lower Upper

168 100

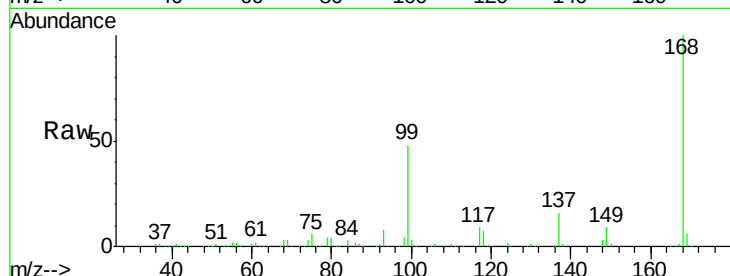
99 47.6 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

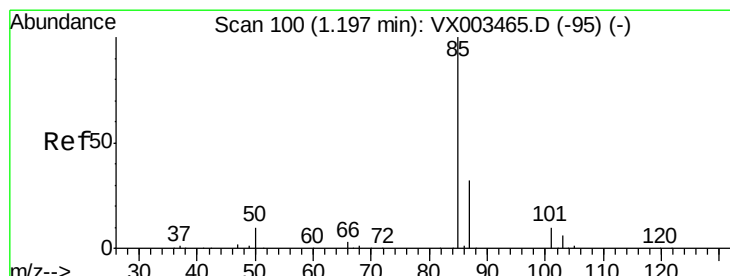
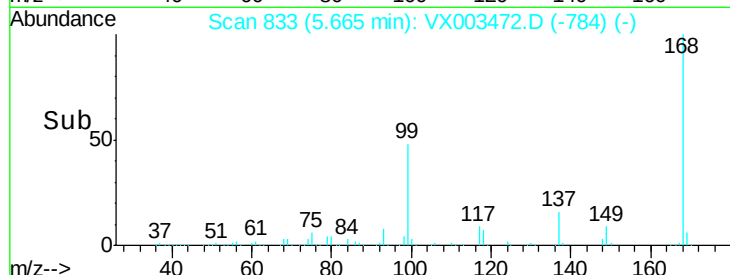
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003472.D

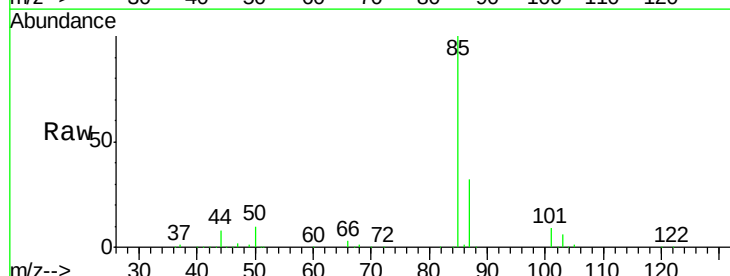
Acq: 19 Jul 2018 19:15

Tgt Ion: 85 Resp: 137366

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

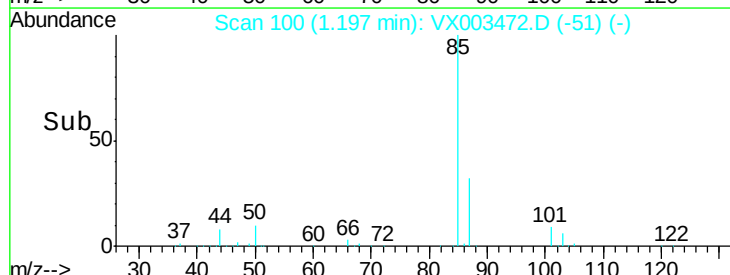
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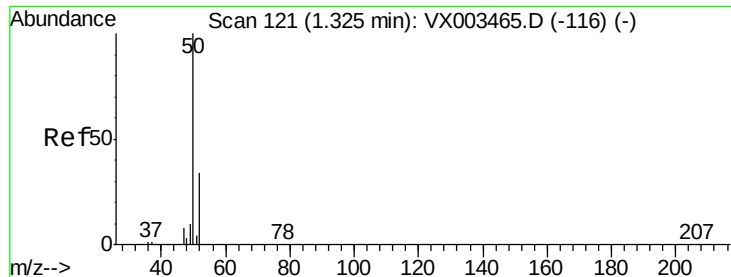
100000

50000

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Time-->





#3

Chloromethane

Concen: 52.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 168117

Ion Ratio Lower Upper

50 100

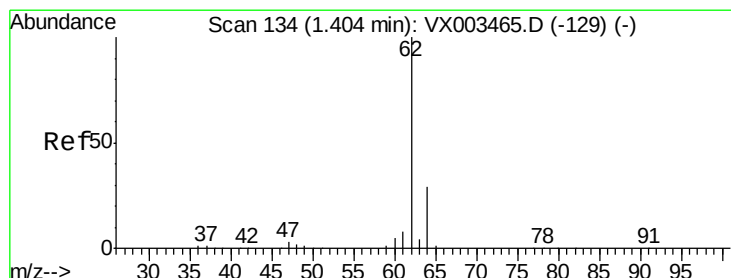
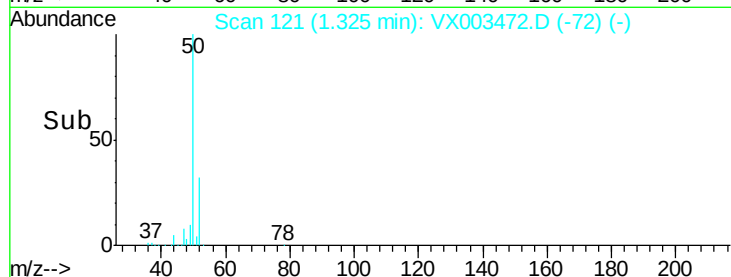
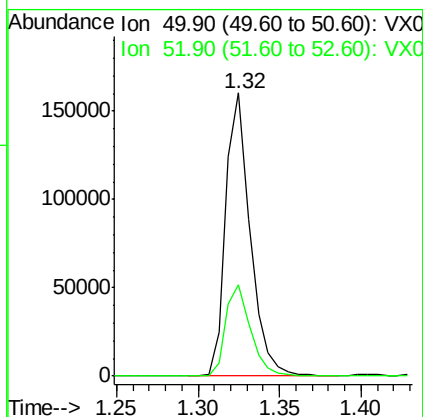
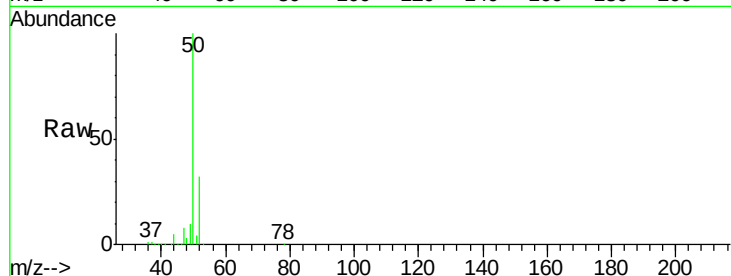
52 32.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.41 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003472.D

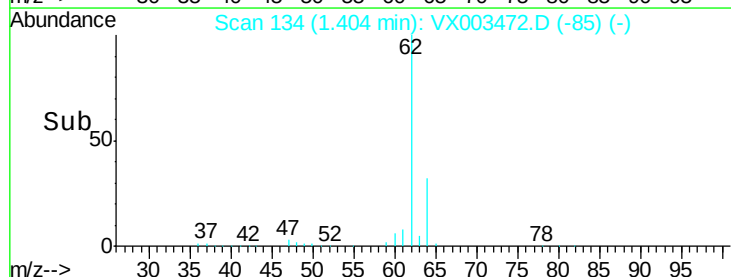
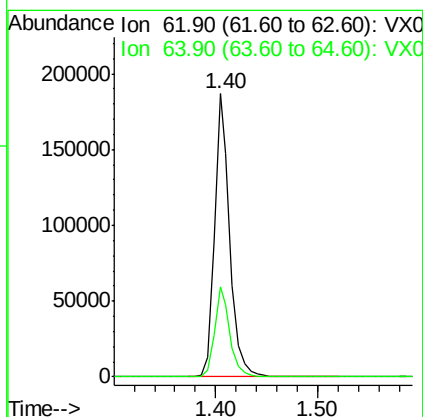
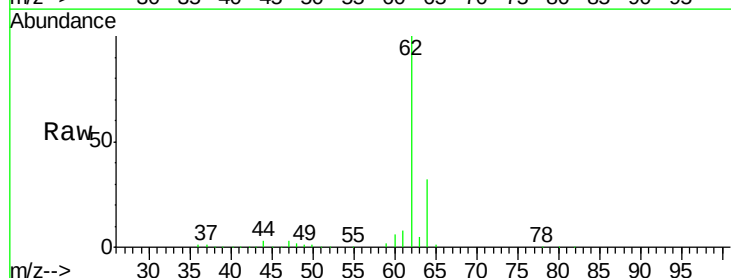
Acq: 19 Jul 2018 19:15

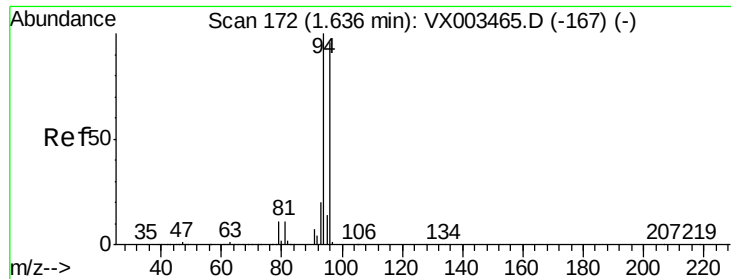
Tgt Ion: 62 Resp: 196353

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 53.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87802

Ion Ratio Lower Upper

94 100

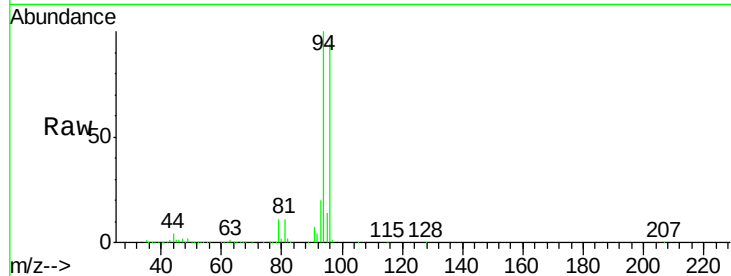
96 94.0 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

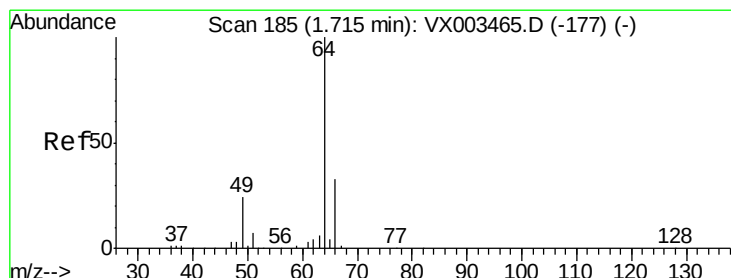
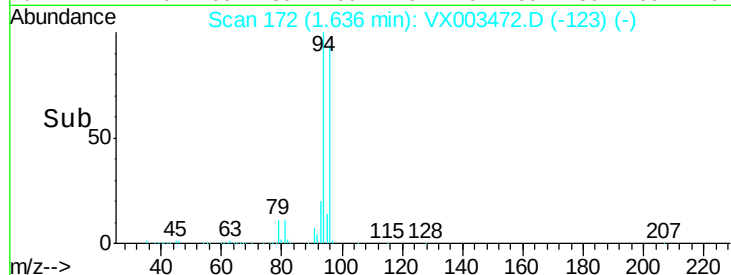
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.91 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003472.D

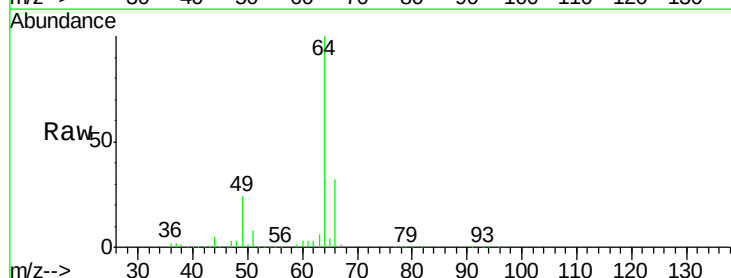
Acq: 19 Jul 2018 19:15

Tgt Ion: 64 Resp: 124773

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

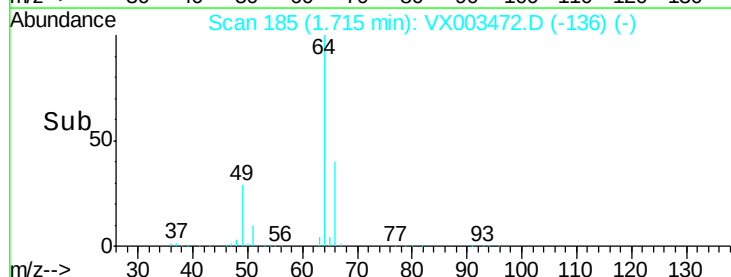
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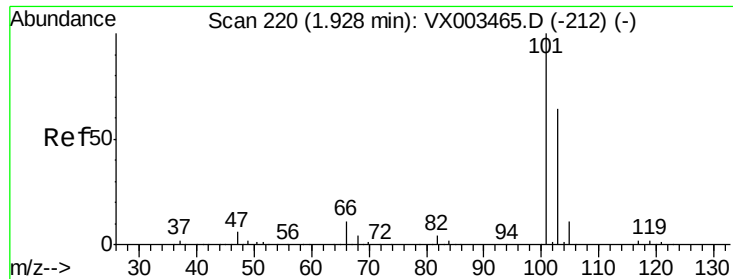
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20000

0

Time-->





#7

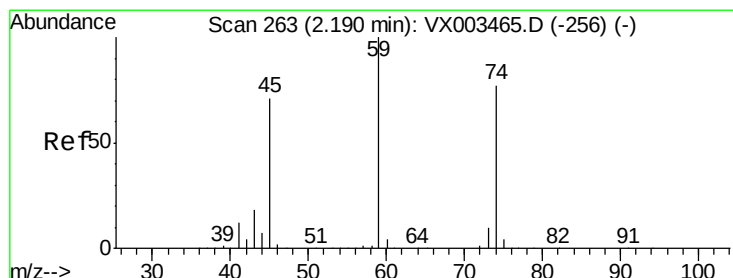
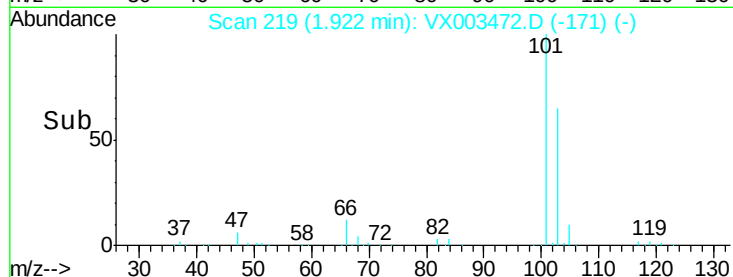
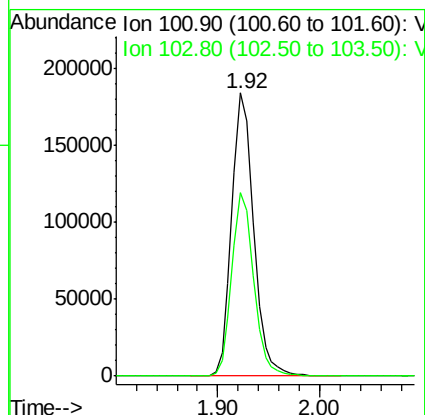
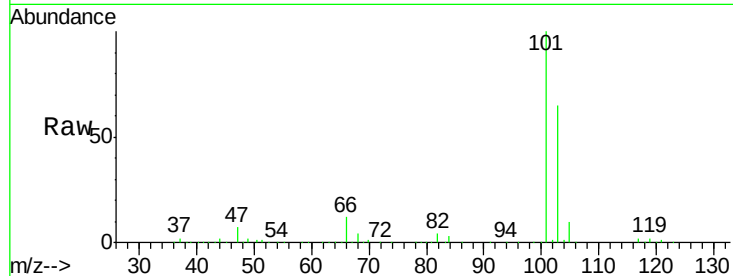
Trichlorofluoromethane
 Concen: 49.63 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.8	79.2

Manual Integrations
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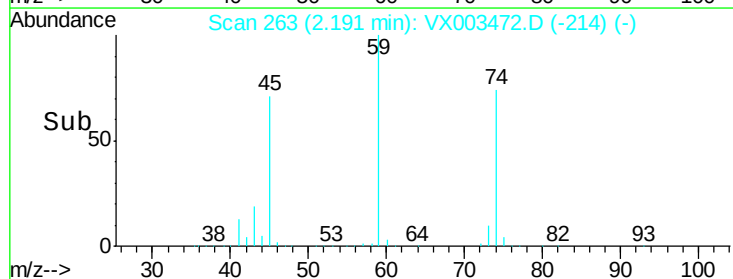
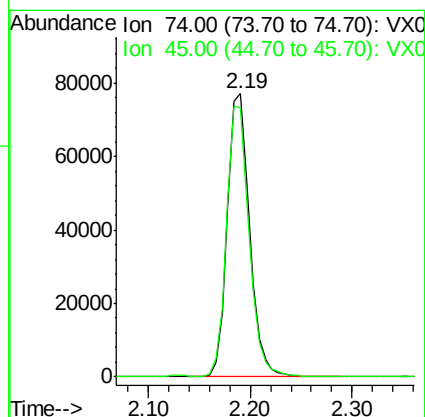
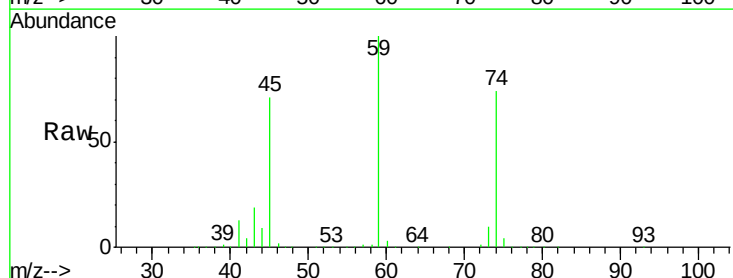
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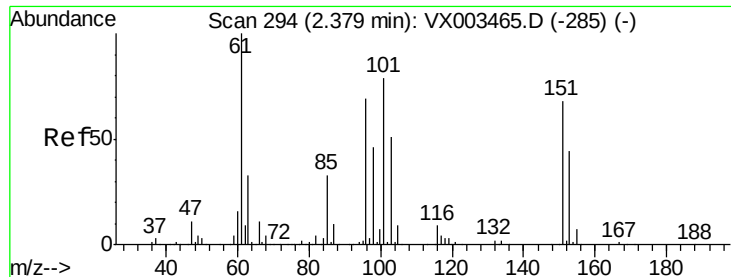


#8

Diethyl Ether
 Concen: 49.22 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.04 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

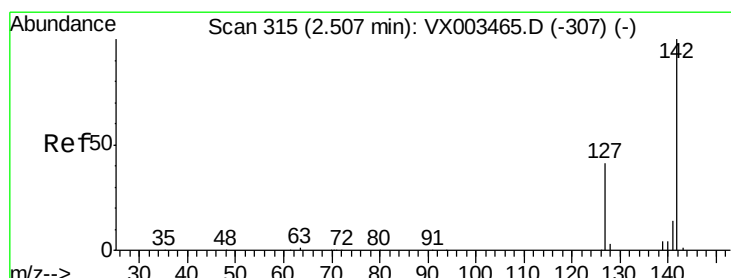
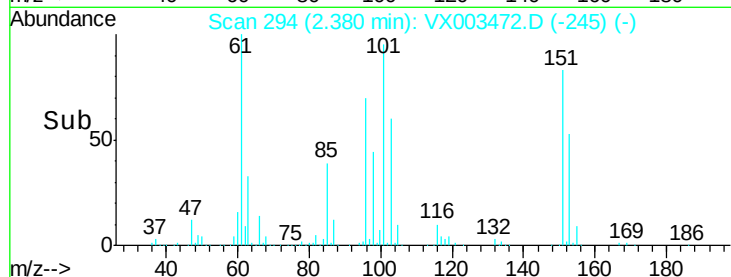
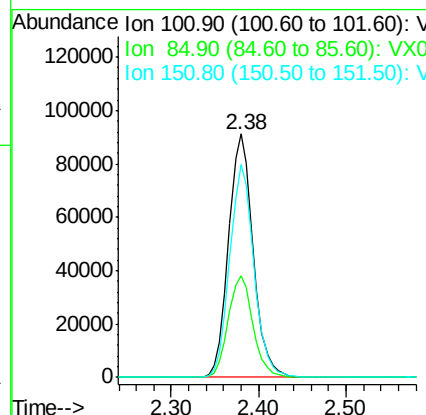
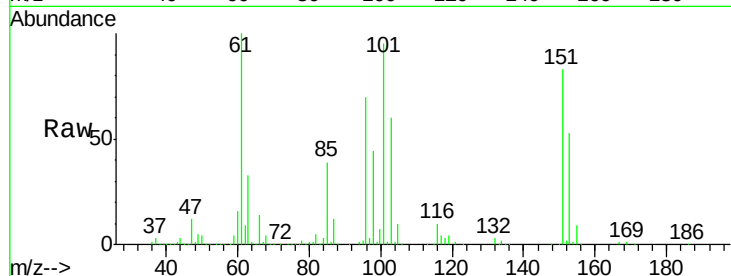
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	177346
Ion Ratio	Lower	Upper	
101	100		
85	41.9	36.0	54.0
151	86.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.44 ug/l

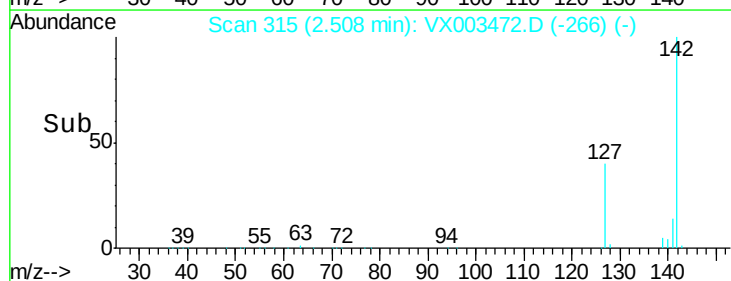
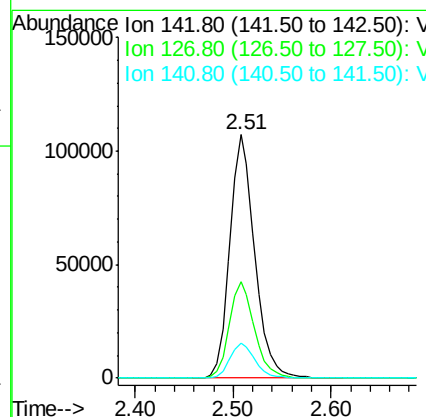
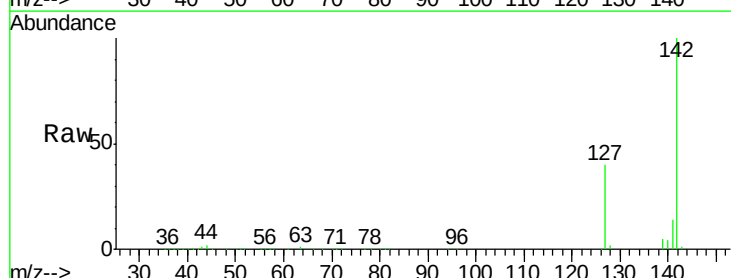
RT: 2.51 min Scan# 315

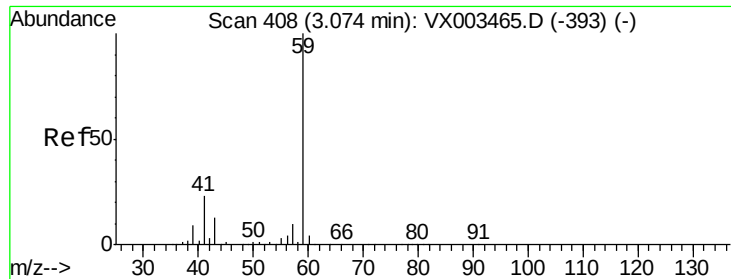
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	142	Resp:	188722
Ion Ratio	Lower	Upper	
142	100		
127	40.2	36.6	55.0
141	14.3	11.3	16.9





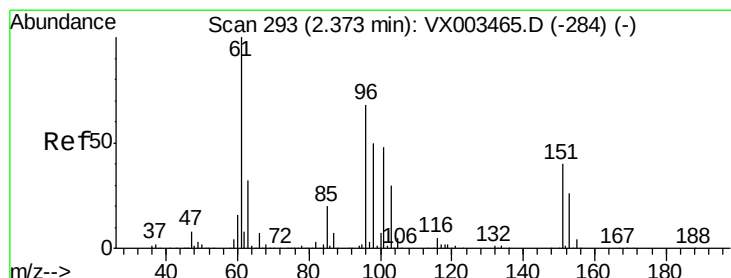
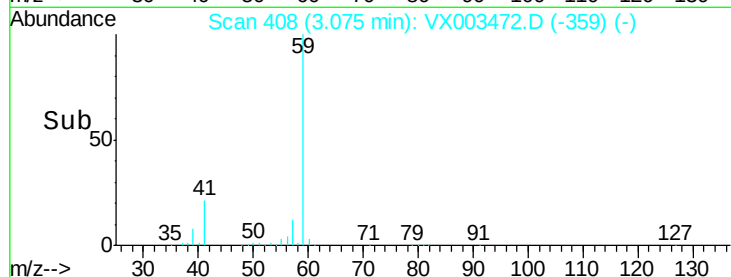
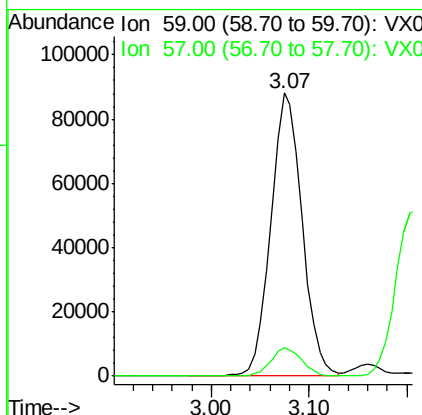
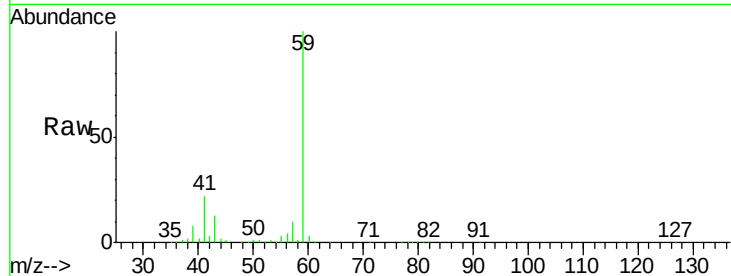
#11
Tert butyl alcohol
Concen: 258.52 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	197434
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.2

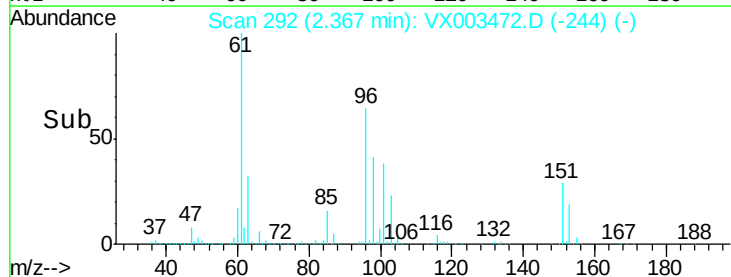
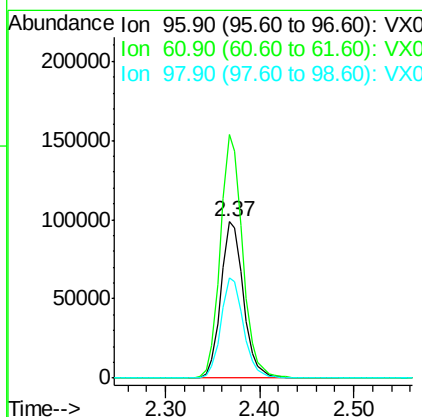
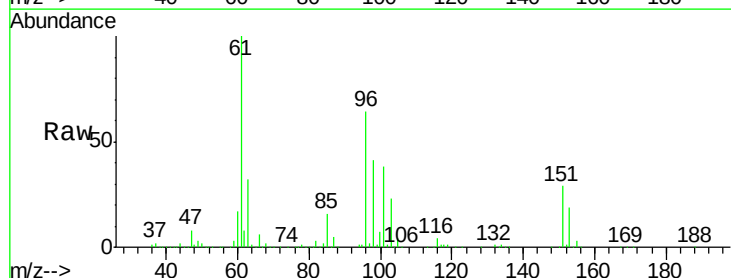
Manual Integrations
APPROVED

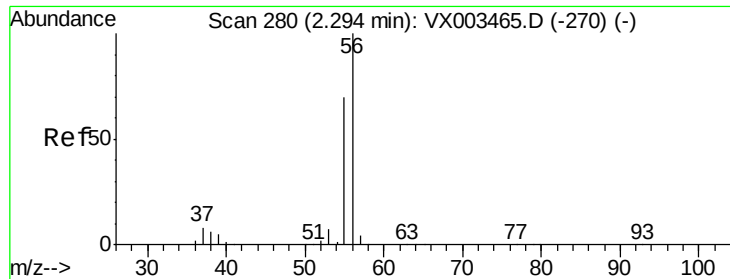
MMDadoda
7/20/2018 5:22:13 PM



#12
1,1-Dichloroethene
Concen: 49.28 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	96	Resp	164106
Ion Ratio	100	Lower	Upper
61	155.8	137.9	206.9
98	63.9	51.6	77.4





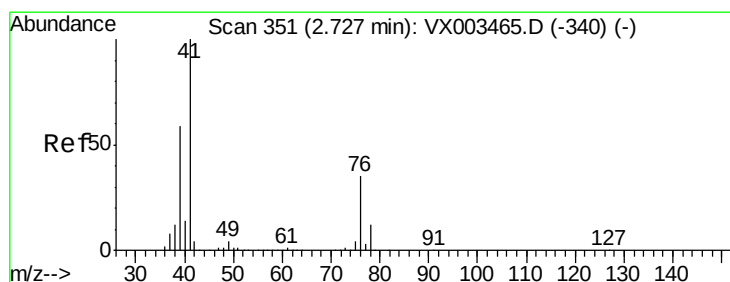
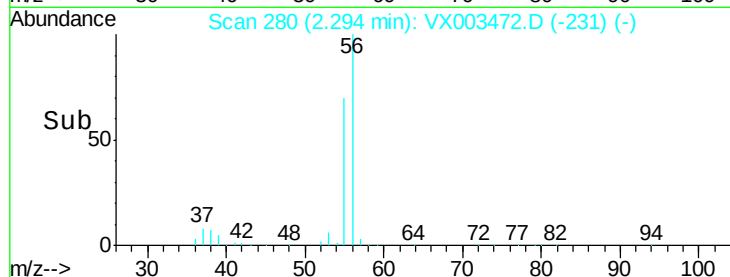
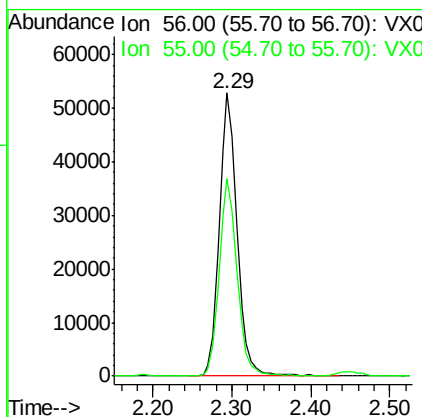
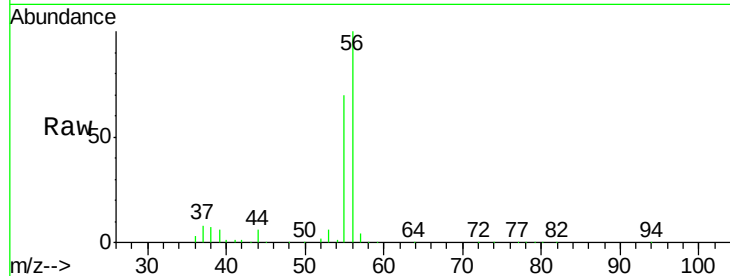
#13
Acrolein
Concen: 240.58 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	57.0	85.4

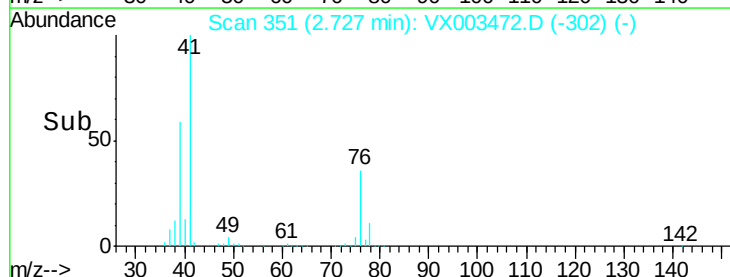
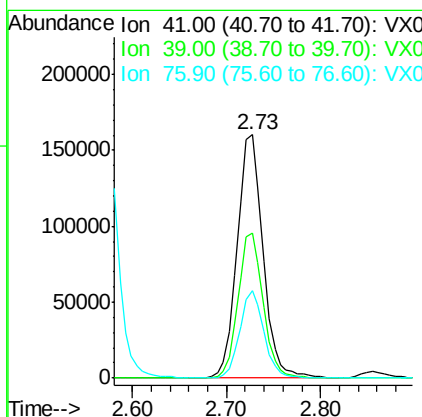
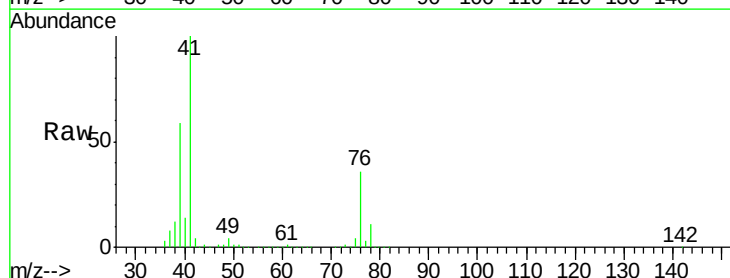
Manual Integrations
APPROVED

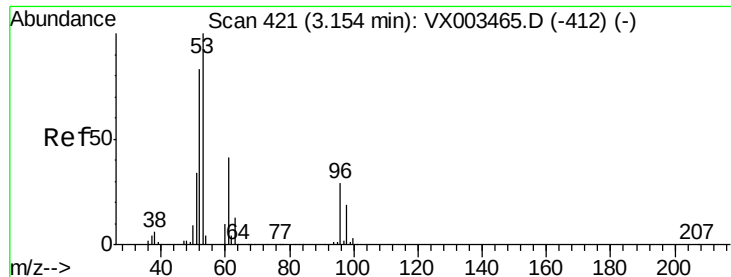
MMDadoda
7/20/2018 5:22:13 PM



#14
Allyl chloride
Concen: 51.80 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.6	56.8	85.2
76	33.5	23.8	35.8





#15

Acrylonitrile

Concen: 250.17 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

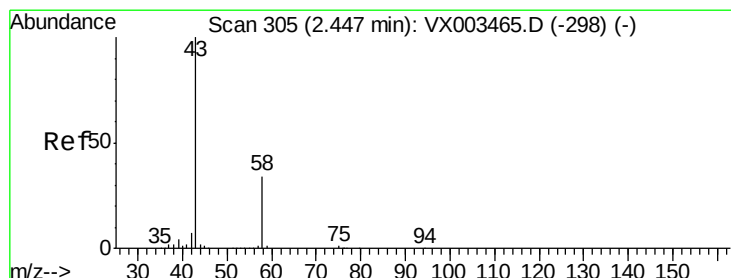
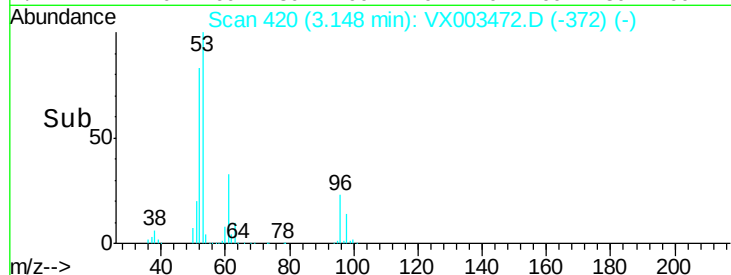
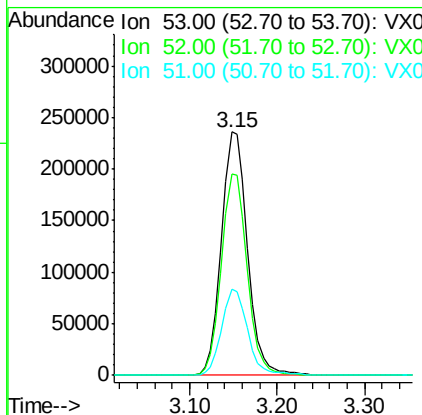
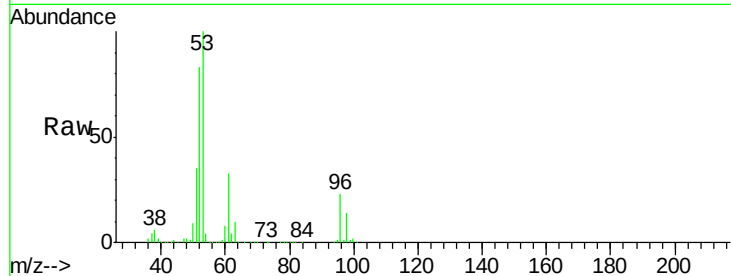
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	486424
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 254.64 ug/l

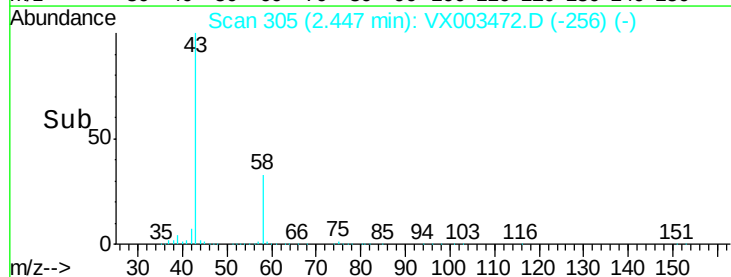
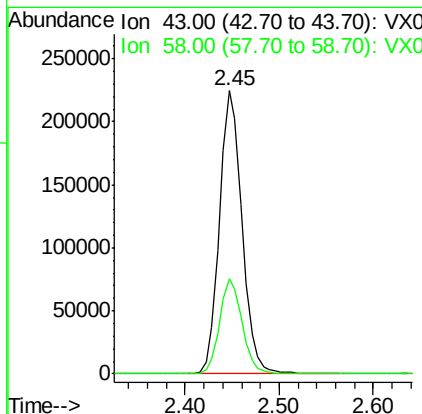
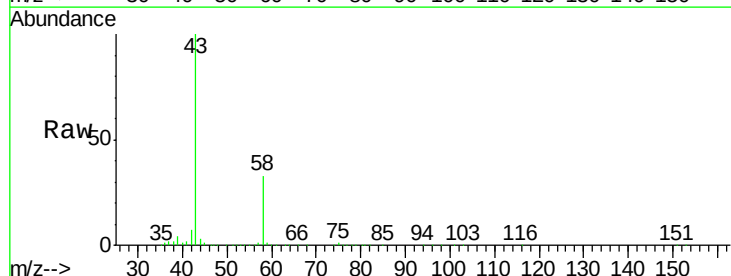
RT: 2.45 min Scan# 305

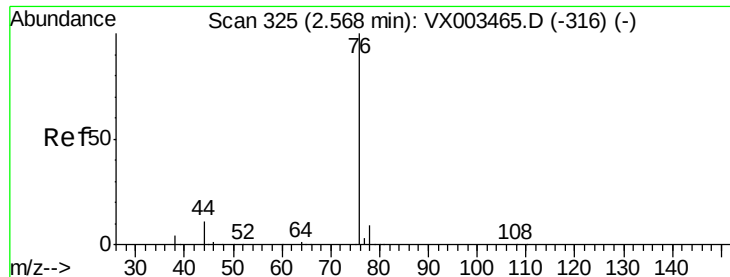
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	43	Resp:	371229
Ion	Ratio	Lower	Upper
43	100		
58	33.5	22.1	33.1#





#17

Carbon Disulfide

Concen: 51.04 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 459640

Ion Ratio Lower Upper

76 100

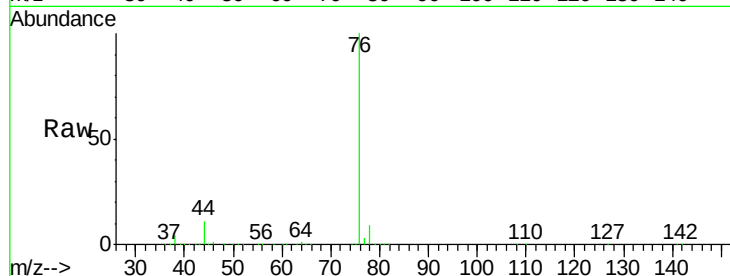
78 9.2 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

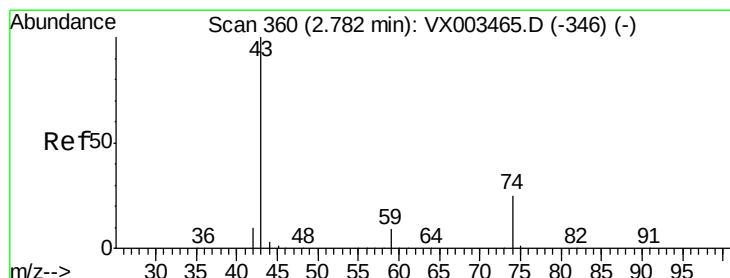
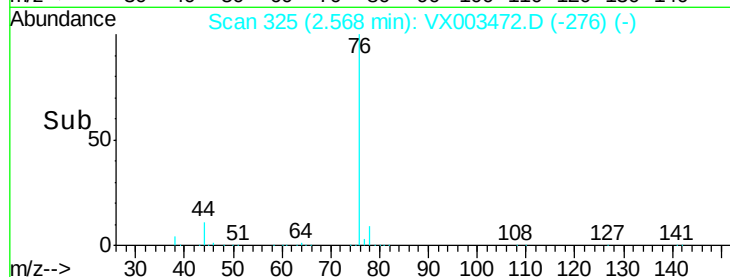
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.71 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003472.D

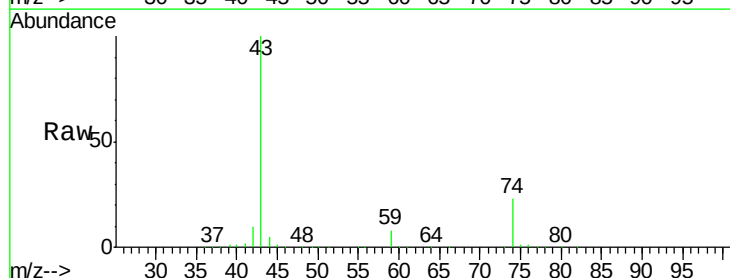
Acq: 19 Jul 2018 19:15

Tgt Ion: 43 Resp: 237674

Ion Ratio Lower Upper

43 100

74 23.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

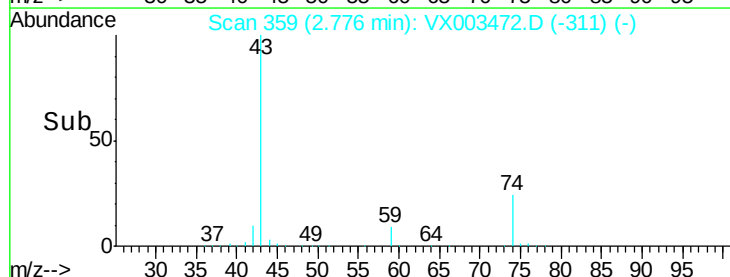
150000

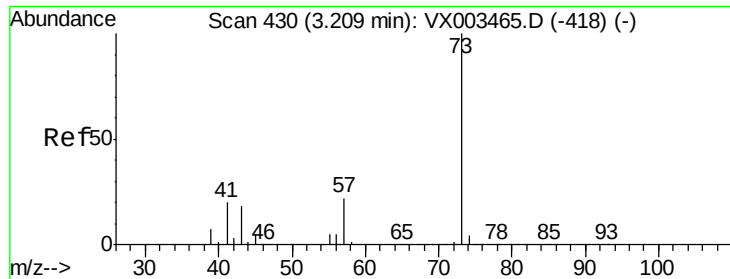
100000

50000

0

Time-->





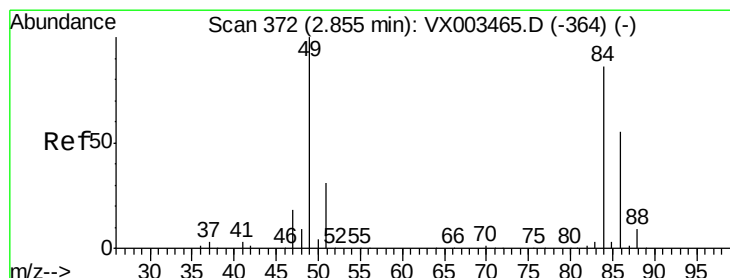
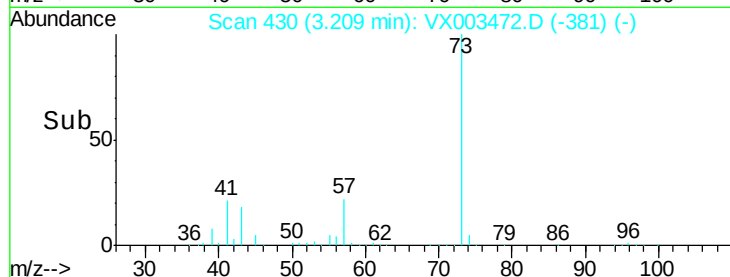
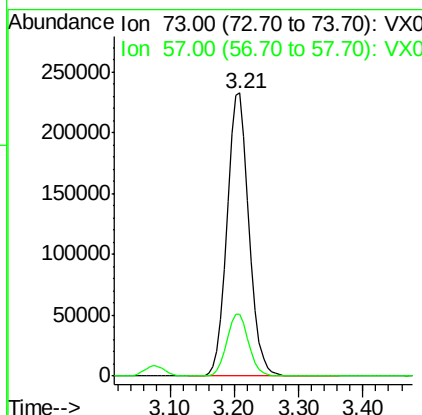
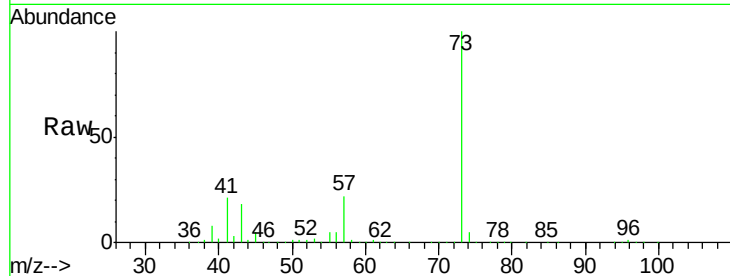
#19
Methyl tert-butyl Ether
Concen: 51.06 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 555251
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

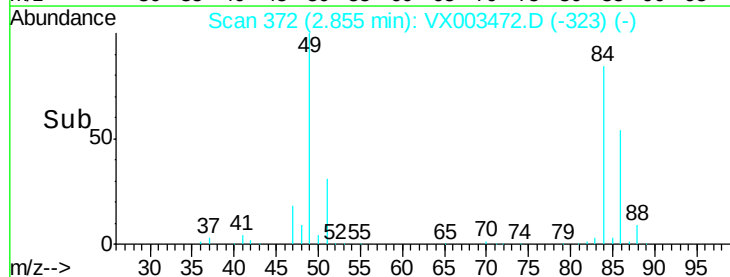
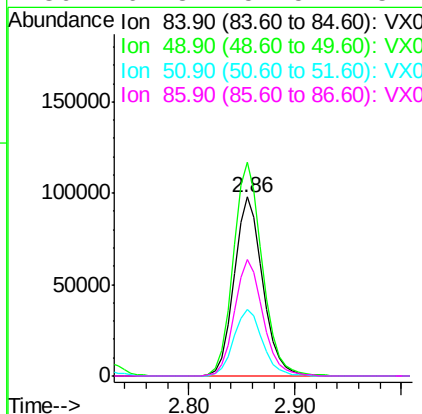
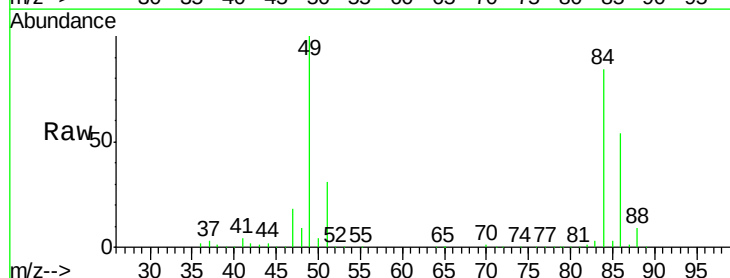
Manual Integrations
APPROVED

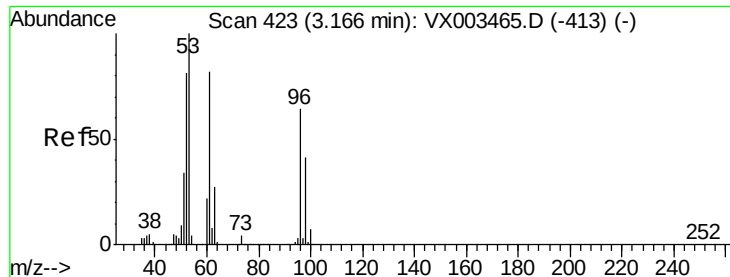
MMDadoda
7/20/2018 5:22:13 PM



#20
Methylene Chloride
Concen: 51.91 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion: 84 Resp: 184907
Ion Ratio Lower Upper
84 100
49 119.4 107.8 161.6
51 36.9 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.53 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

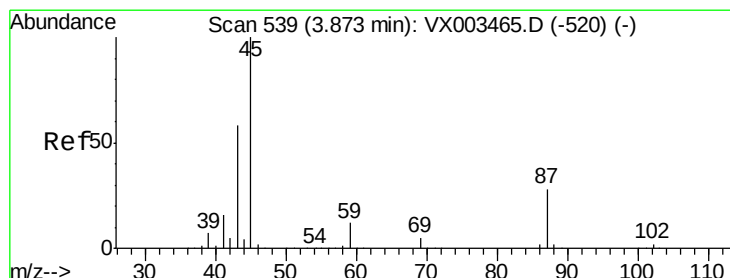
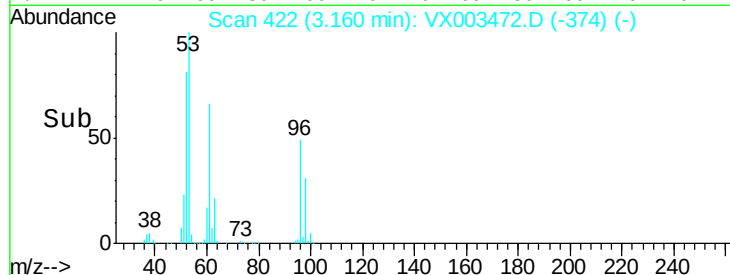
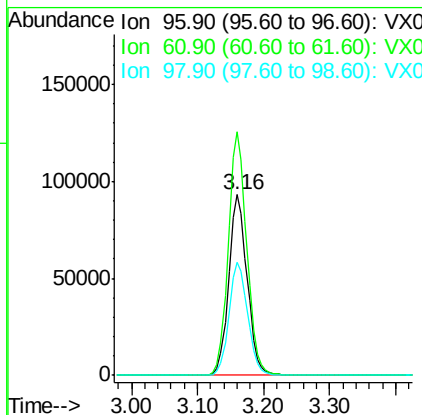
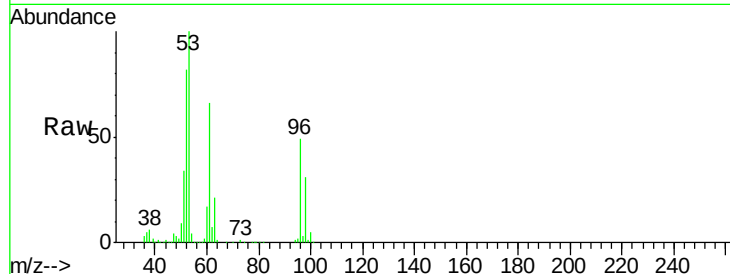
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	179807
Ion	Ratio	Lower	Upper
96	100		
61	134.9	117.0	175.4
98	62.6	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.21 ug/l

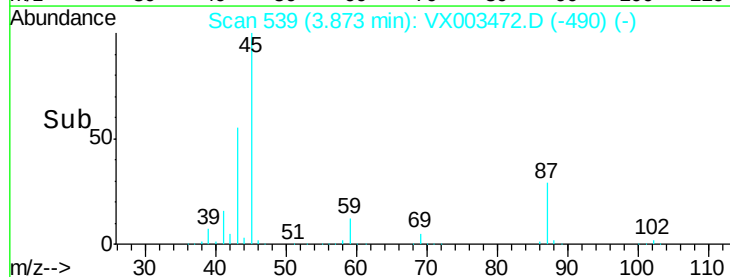
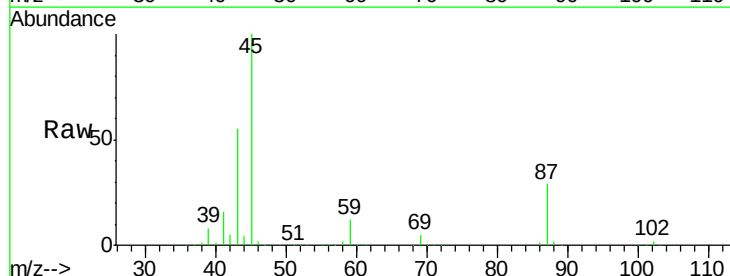
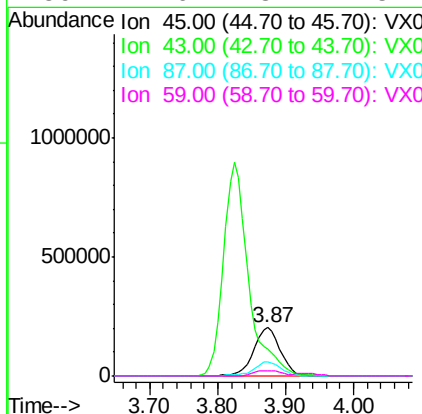
RT: 3.87 min Scan# 539

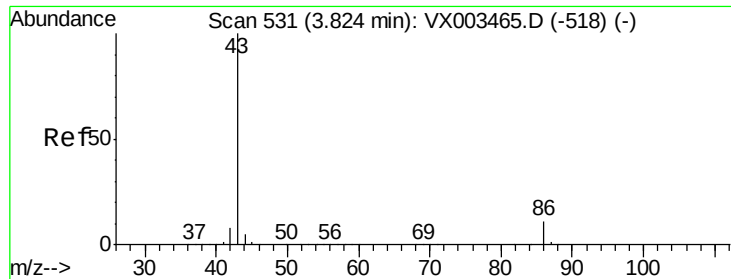
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	45	Resp:	556957
Ion	Ratio	Lower	Upper
45	100		
43	55.2	46.8	70.2
87	29.3	20.2	30.4
59	11.6	8.7	13.1





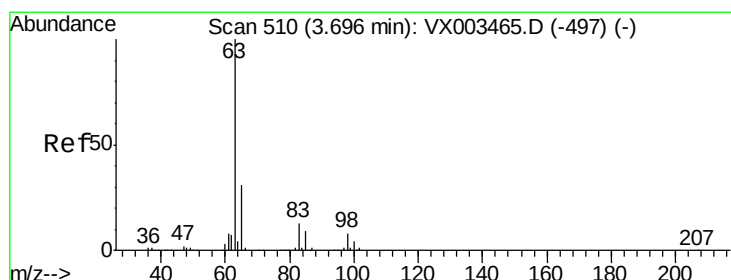
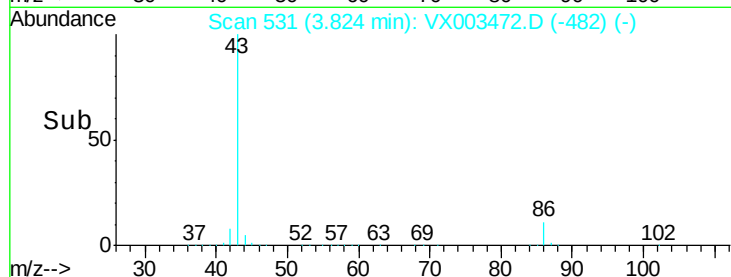
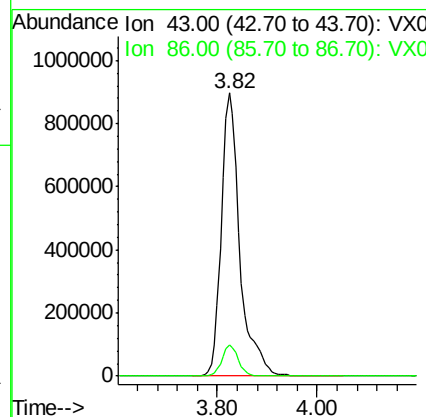
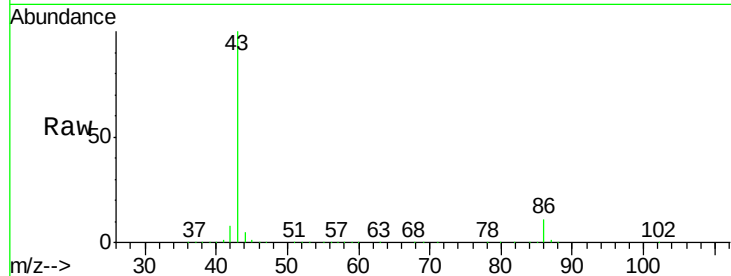
#23
 Vinyl Acetate
 Concen: 252.27 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2305056
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.4 11.0

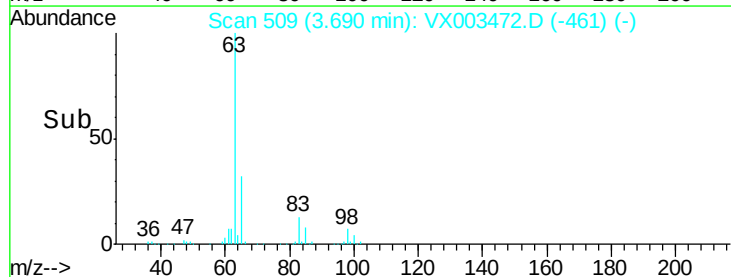
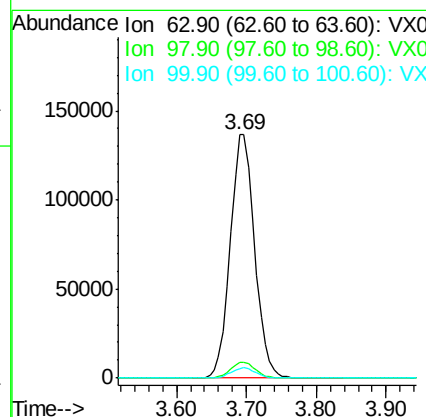
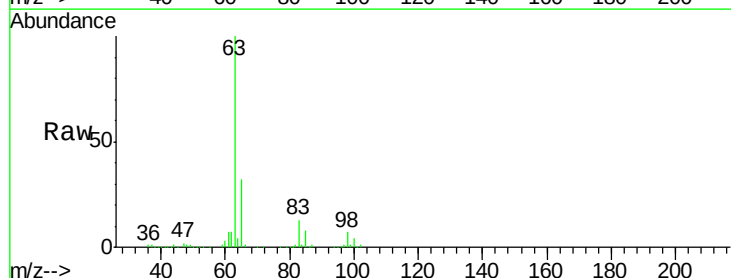
Manual Integrations
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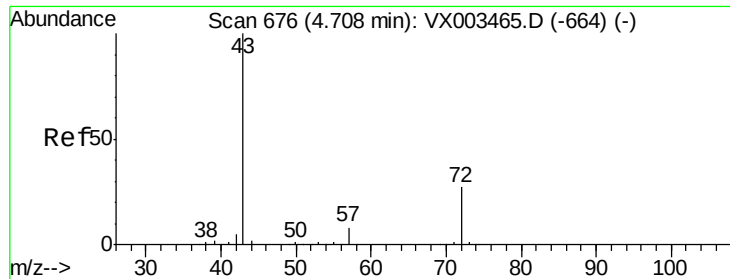
MMDadoda
 7/20/2018 5:22:13 PM



#24
 1,1-Dichloroethane
 Concen: 50.80 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion: 63 Resp: 330631
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 249.17 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 609471

Ion Ratio Lower Upper

43 100

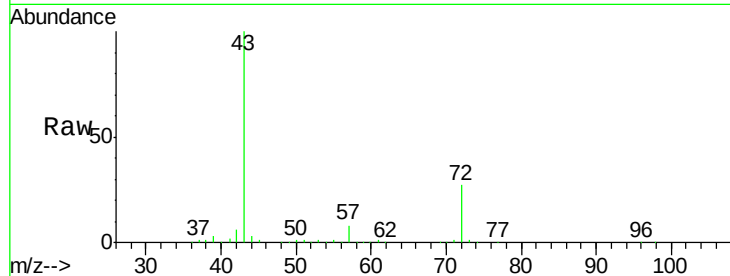
72 27.0 18.5 27.7

Manual Integrations

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MMDadoda

7/20/2018 5:22:13 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

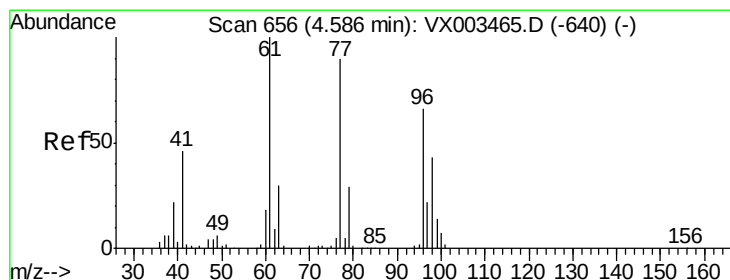
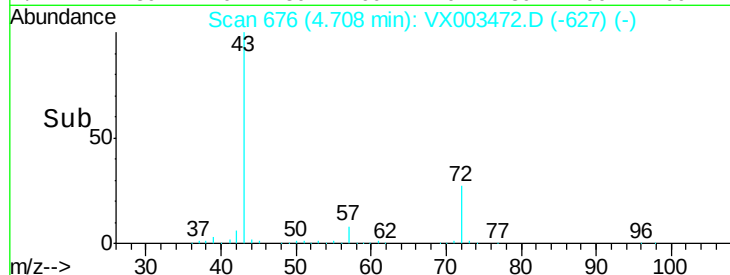
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.54 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003472.D

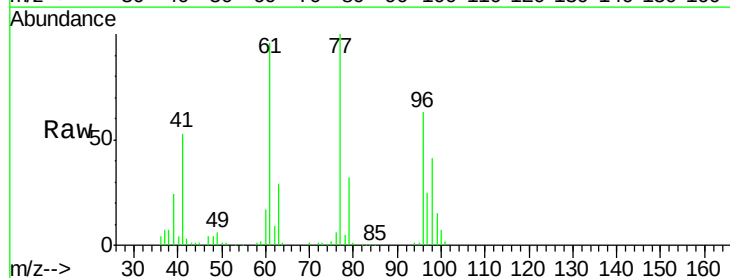
Acq: 19 Jul 2018 19:15

Tgt Ion: 77 Resp: 239927

Ion Ratio Lower Upper

77 100

97 24.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

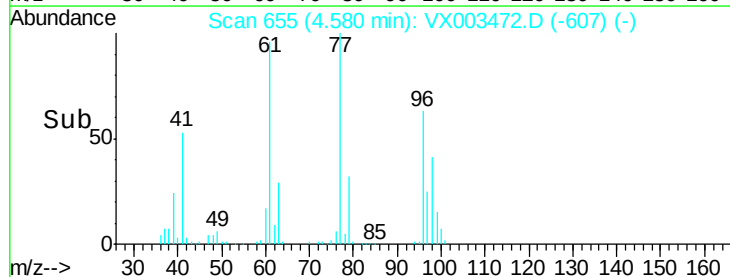
40000

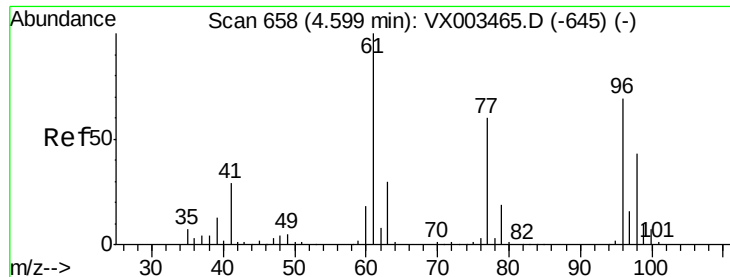
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

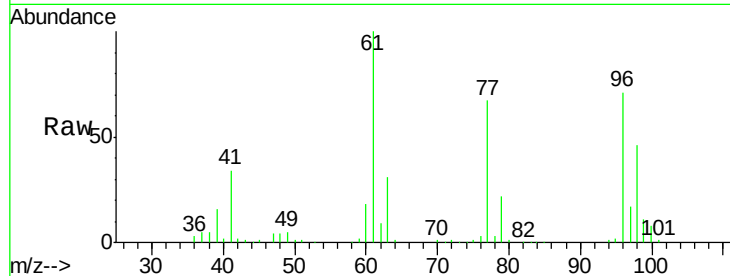
cis-1,2-Dichloroethene
Concen: 48.45 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

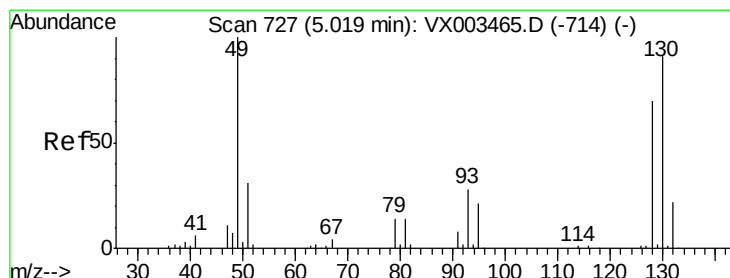
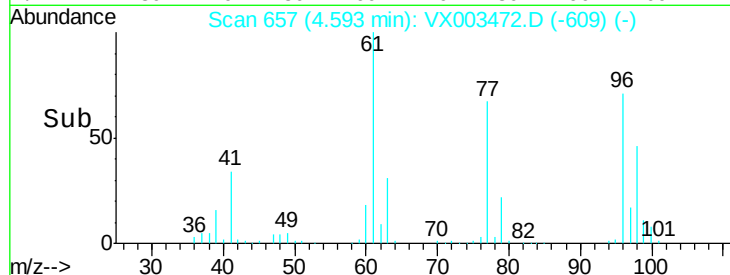
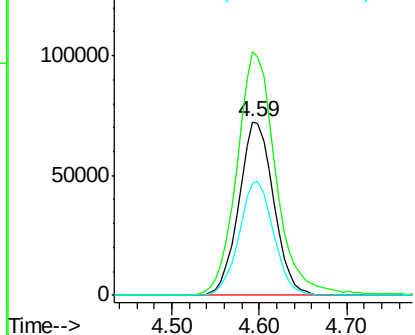
Tot Ion	Ratio	Resp	Lower	Upper
96	100	199873		
61	157.9	0.0	330.2	
98	65.2	0.0	130.2	

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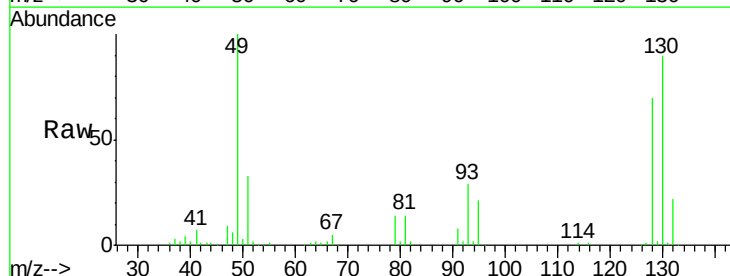
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



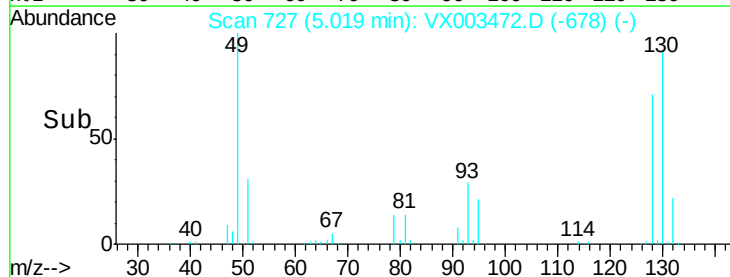
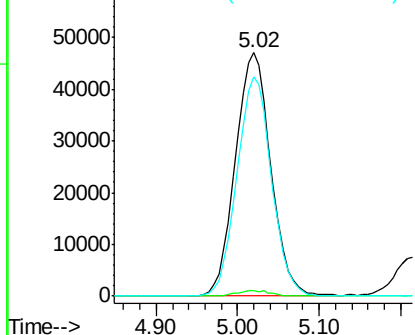
#28

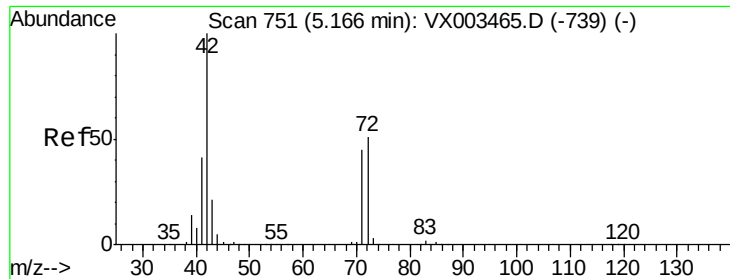
Bromochloromethane
Concen: 49.75 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	141524		
129	2.2	0.0	4.2	
130	88.2	61.2	91.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





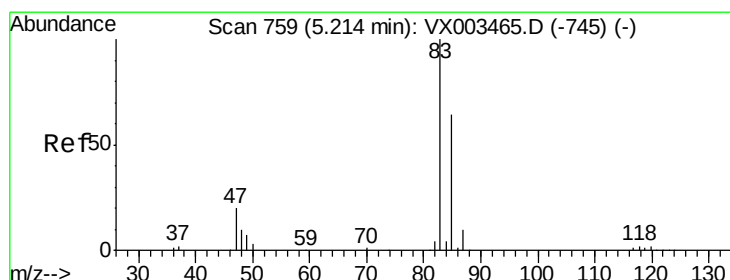
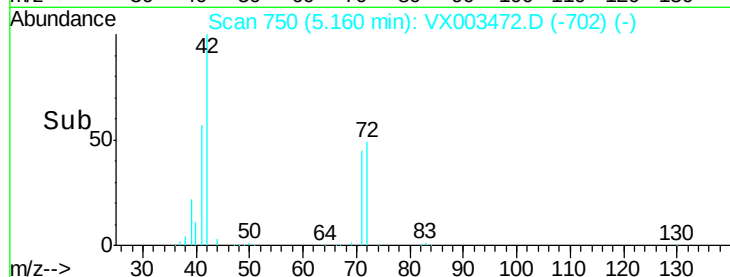
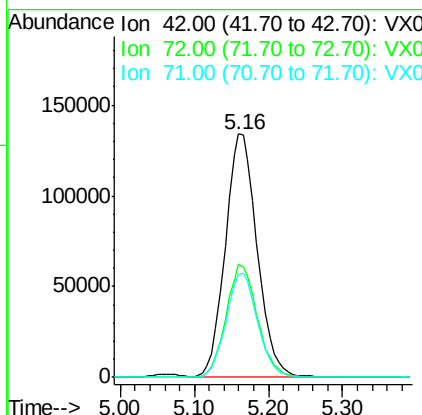
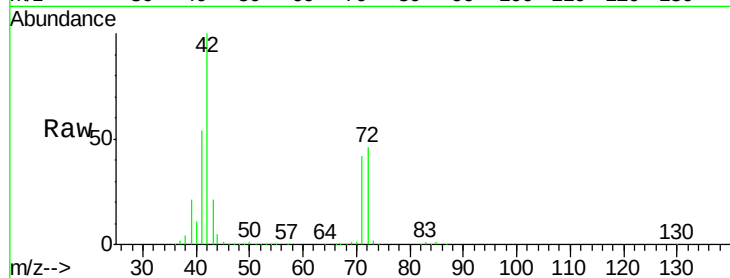
#29
Tetrahydrofuran
Concen: 246.61 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	32.0	48.0
71	42.8	30.1	45.1

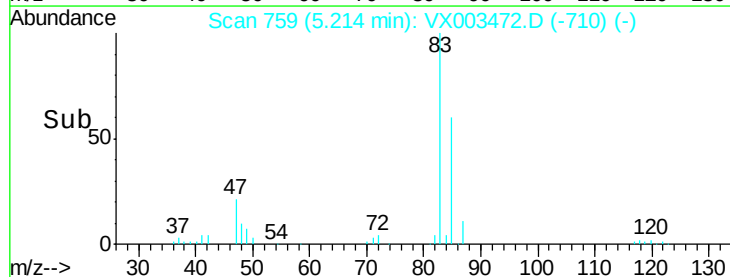
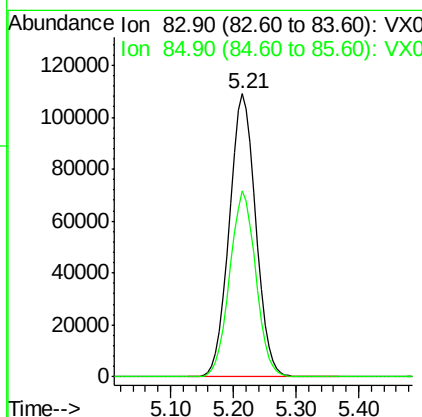
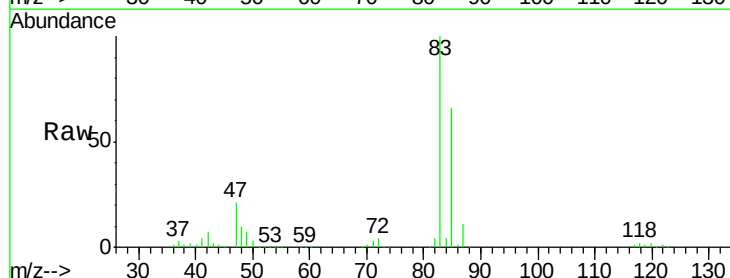
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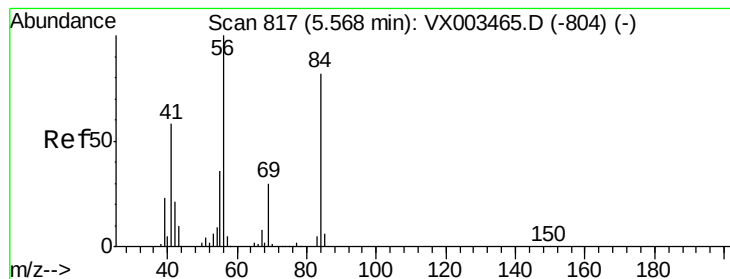
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#30
Chloroform
Concen: 50.11 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.4	75.6





#31

Cyclohexane

Concen: 49.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

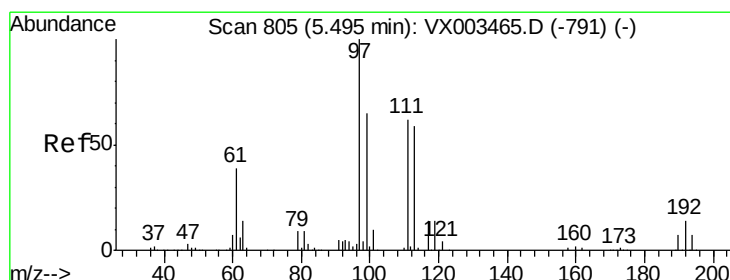
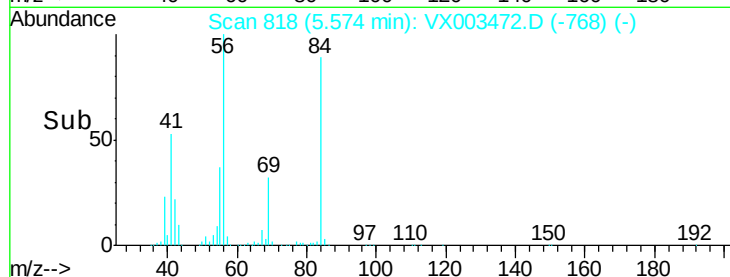
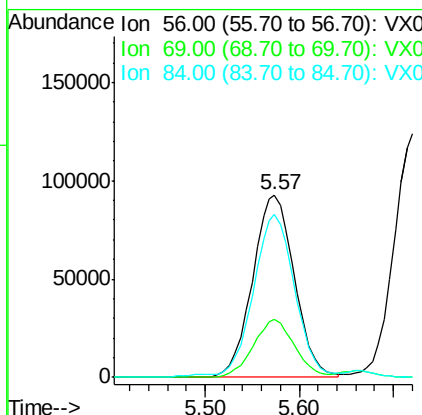
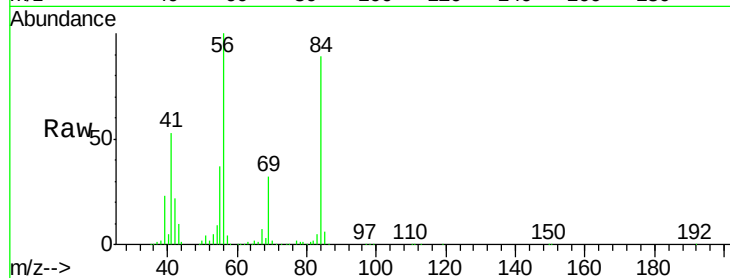
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	287735
Ion Ratio	Lower	Upper	
56	100		
69	31.8	23.7	35.5
84	88.4	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 50.37 ug/l

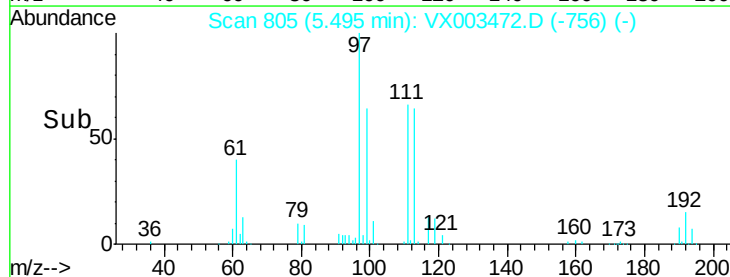
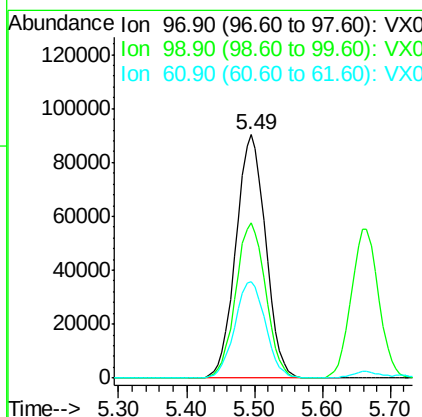
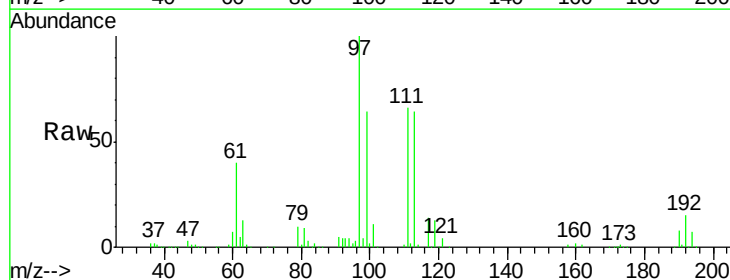
RT: 5.49 min Scan# 805

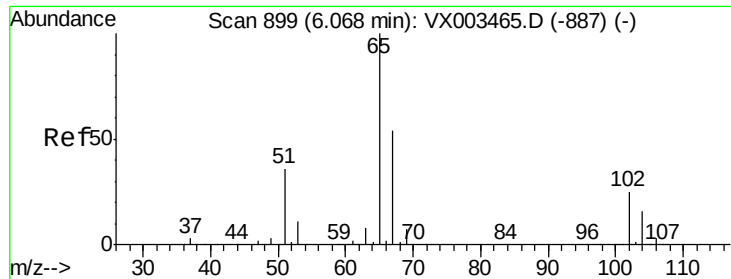
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	97	Resp:	274109
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	41.0	36.4	54.6





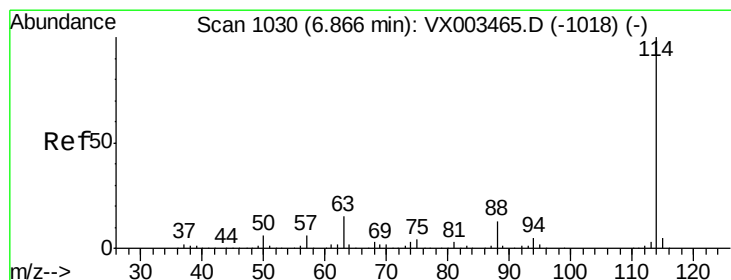
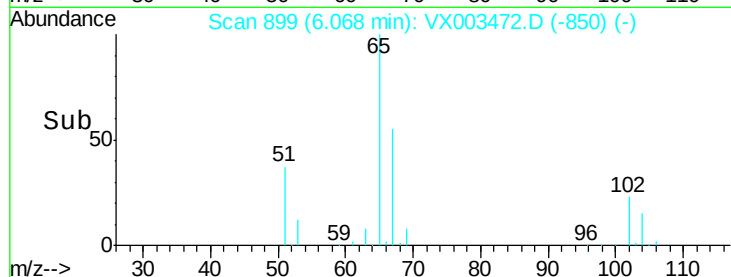
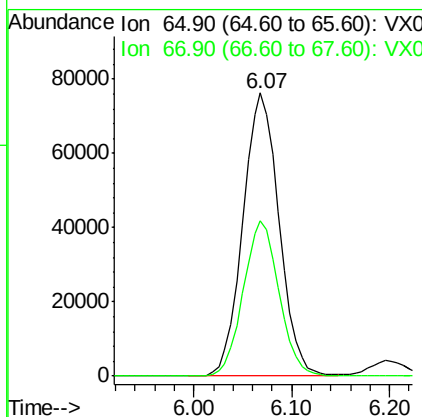
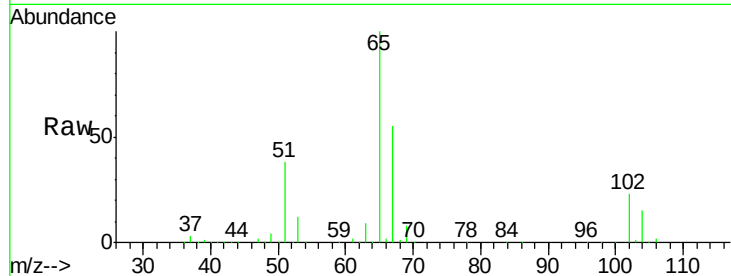
#33
 1,2-Dichloroethane-d4
 Concen: 50.83 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196191		
67	54.2	0.0	102.6	

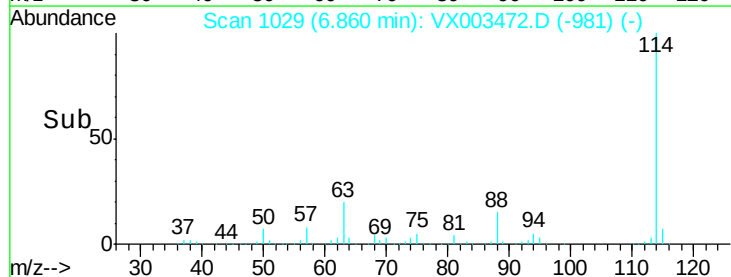
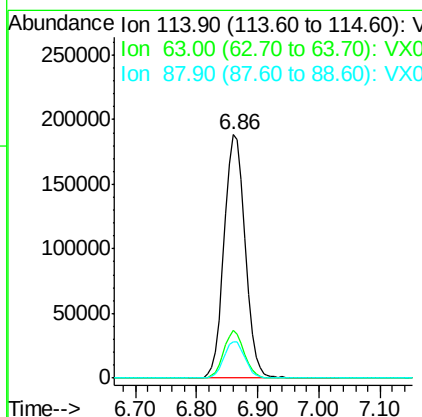
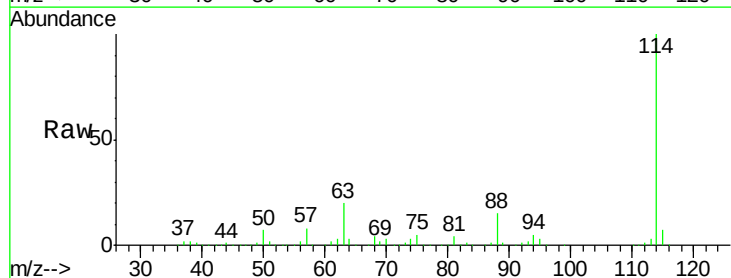
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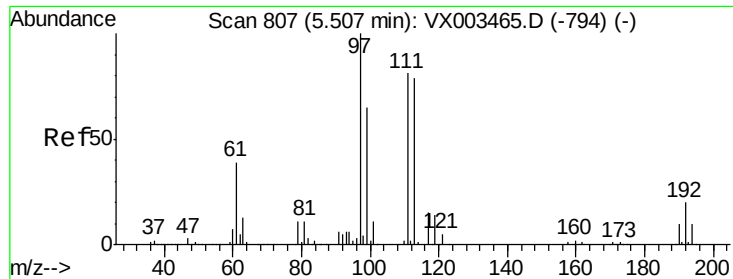
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	448039		
63	19.5	0.0	41.4	
88	15.1	0.0	30.0	





#35

Dibromofluoromethane

Concen: 52.30 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

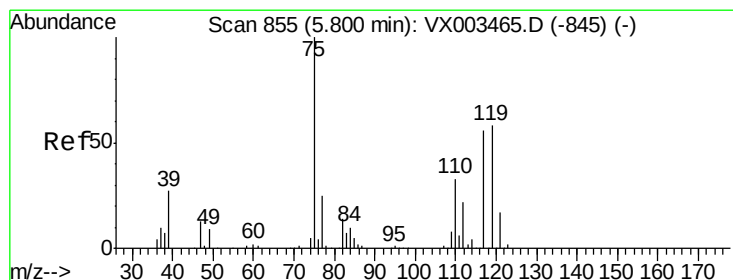
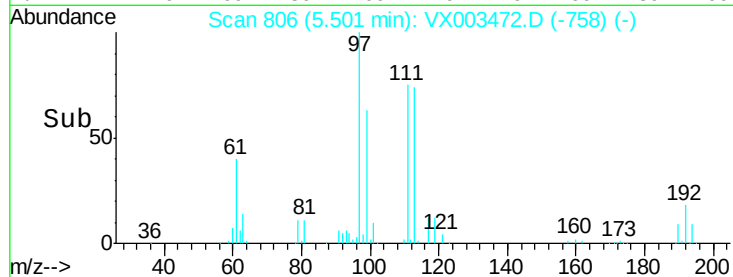
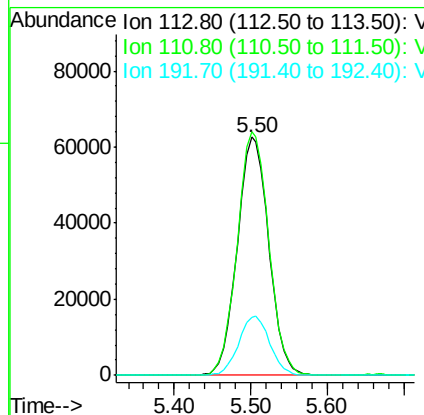
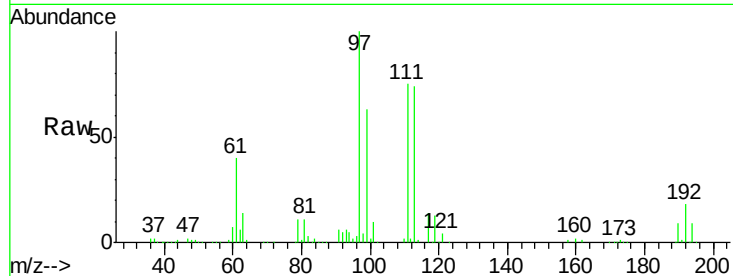
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	178491
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.4	122.0
192	24.6	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 50.46 ug/l

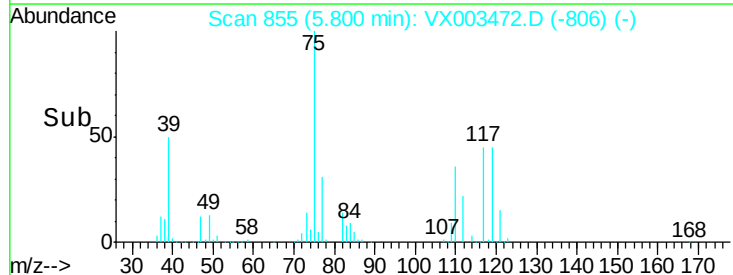
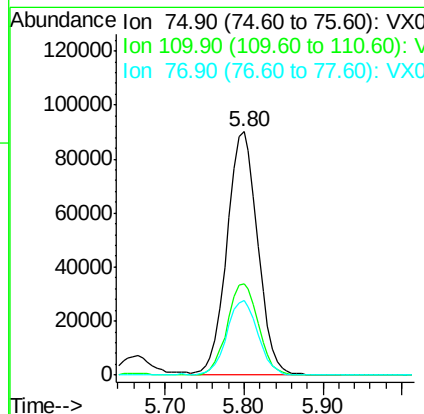
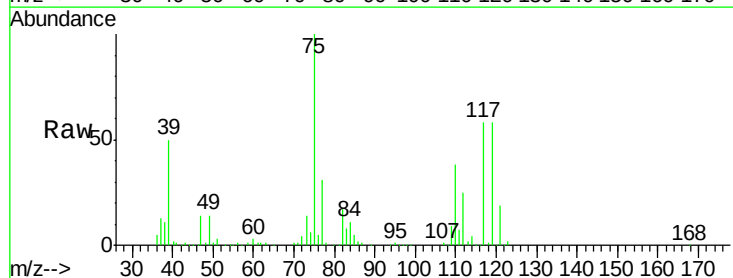
RT: 5.80 min Scan# 855

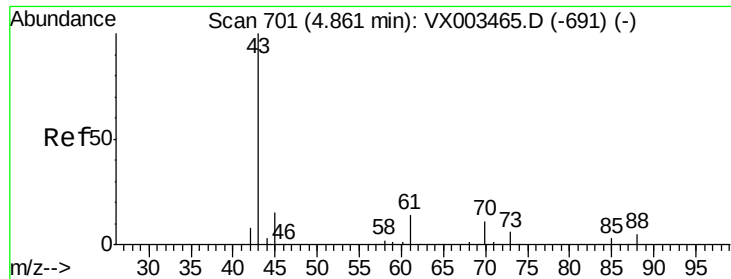
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	75	Resp:	244113
Ion Ratio	Lower	Upper	
75	100		
110	38.1	18.1	54.4
77	31.1	24.3	36.5





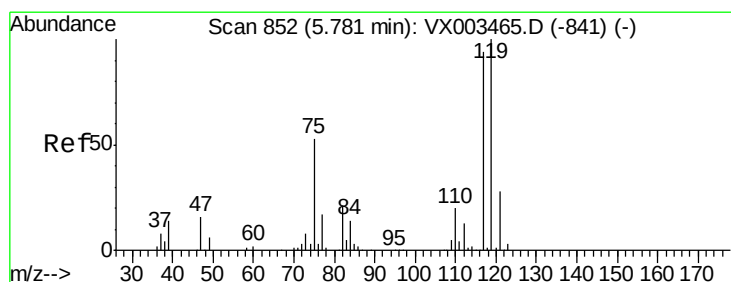
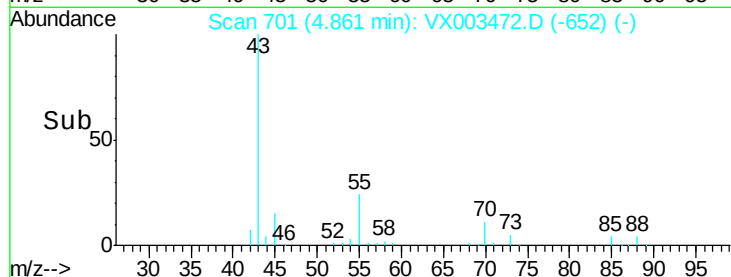
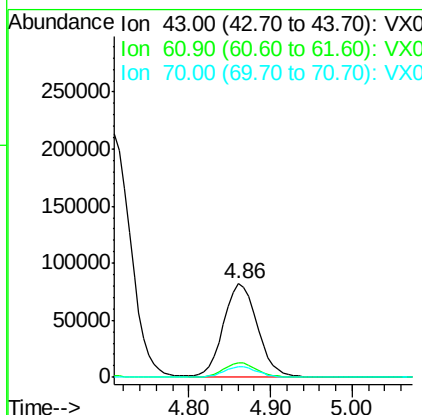
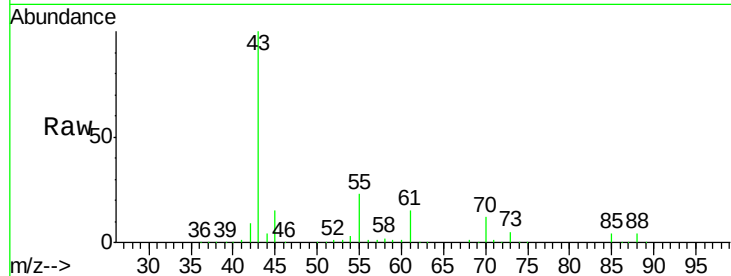
#37
Ethyl Acetate
Concen: 51.68 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.4	15.6
70	11.2	7.6	11.4

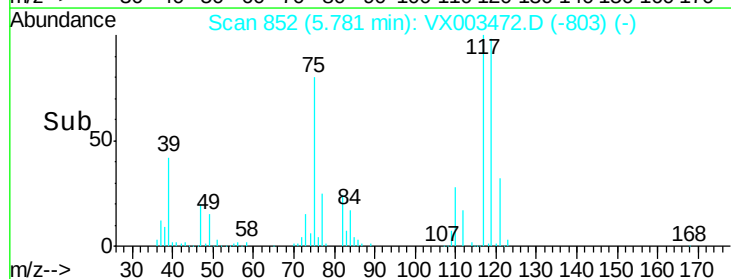
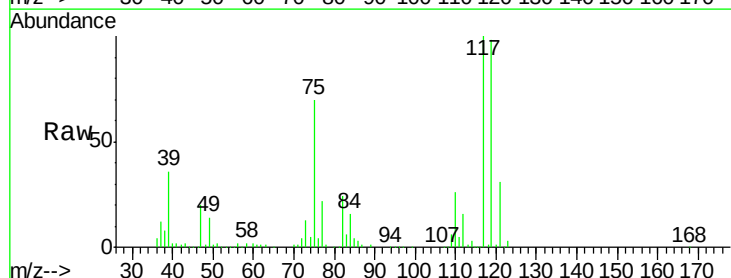
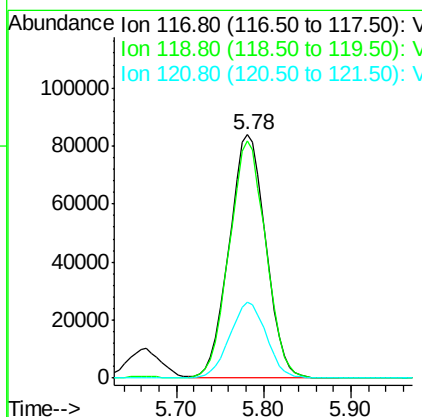
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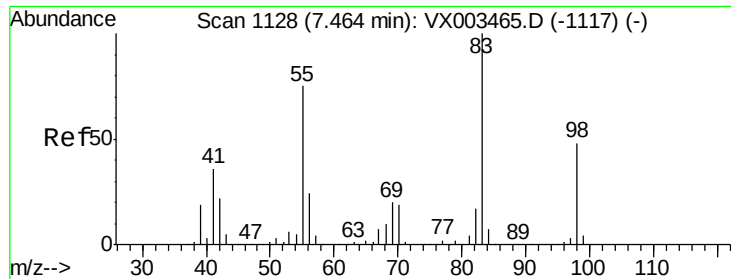
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#38
Carbon Tetrachloride
Concen: 51.58 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
121	31.2	24.4	36.6





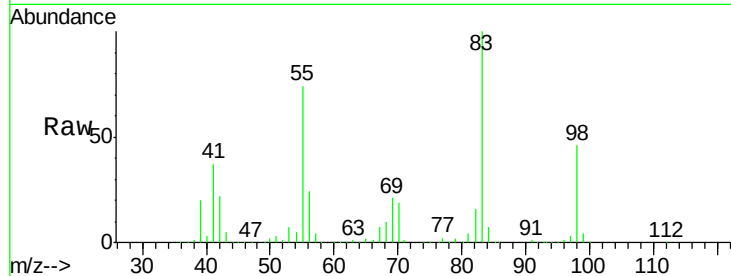
#39
Methylvlcyclohexane
Concen: 52.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

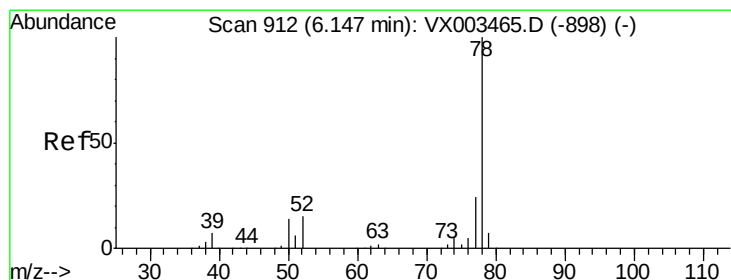
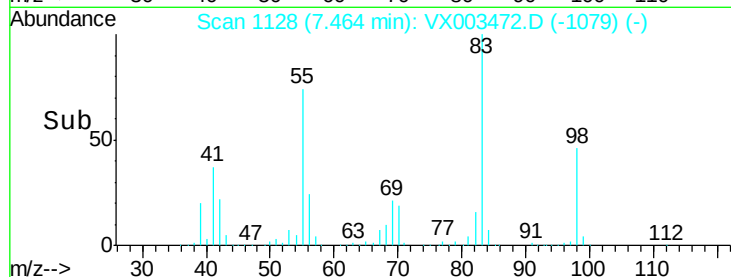
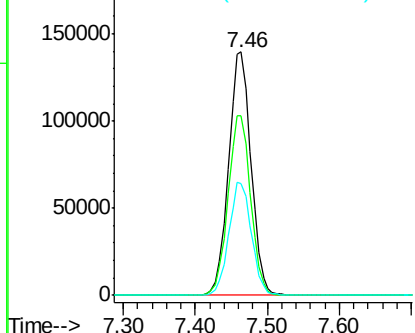
Tot Ion	Ratio	Resp	Lower	Upper
83	100	302594		
55	73.6		65.4	98.0
98	46.0		37.4	56.0

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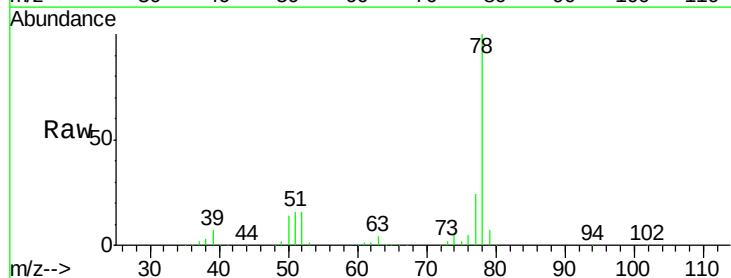


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

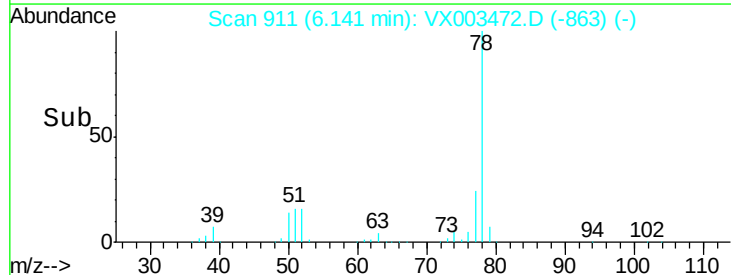
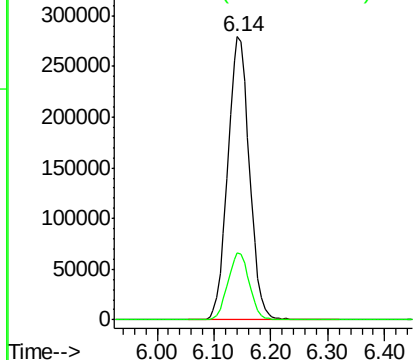


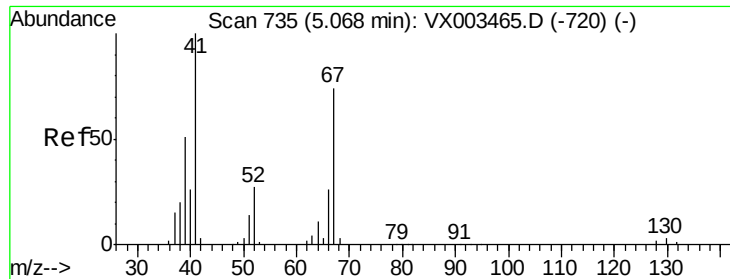
#40
Benzene
Concen: 50.82 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	742290		
77	23.8		19.1	28.7



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





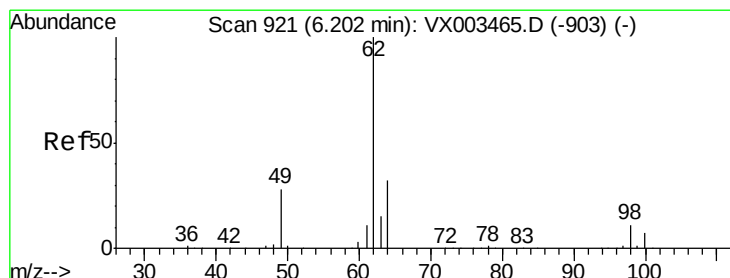
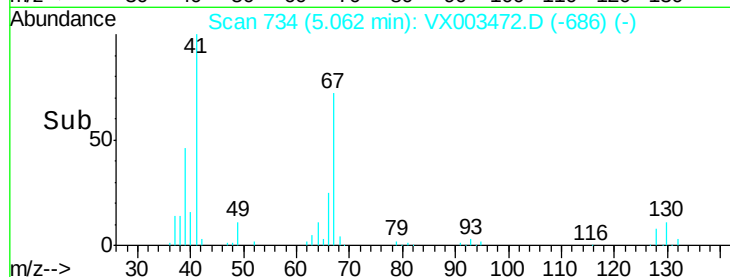
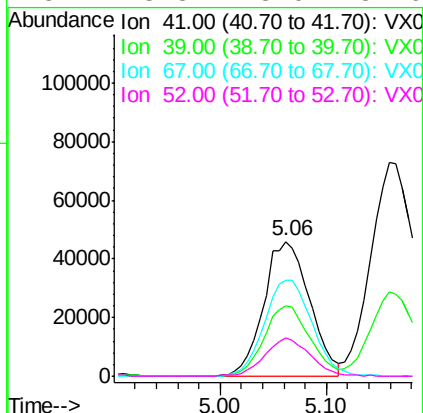
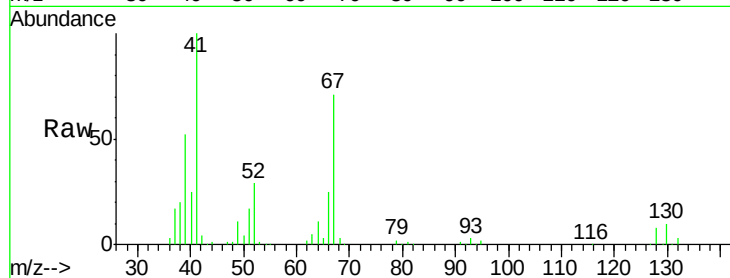
#41
Methacrylonitrile
Concen: 50.96 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	45.8	68.6	
67	74.2	51.3	76.9	
52	28.3	23.0	34.6	

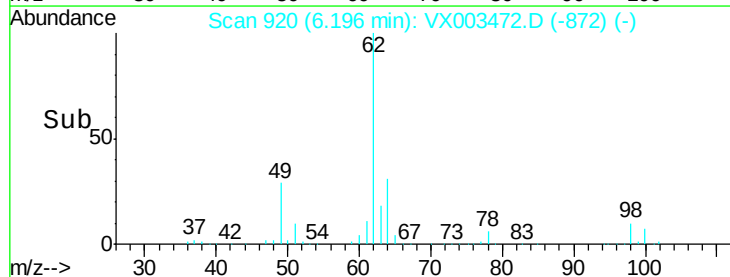
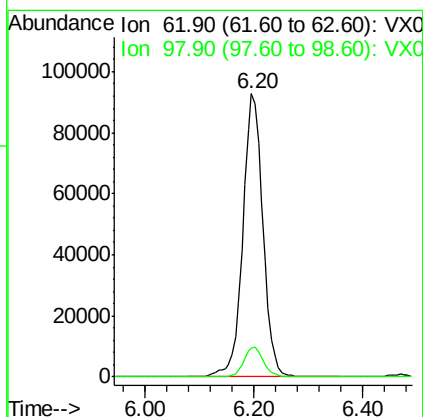
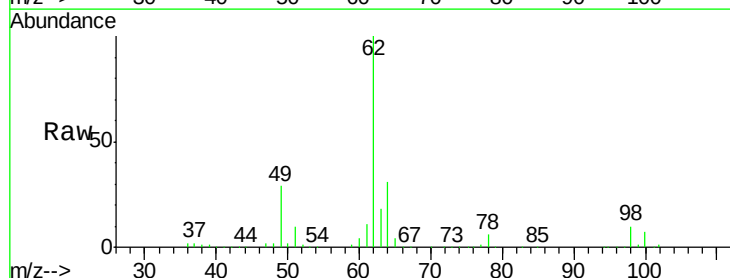
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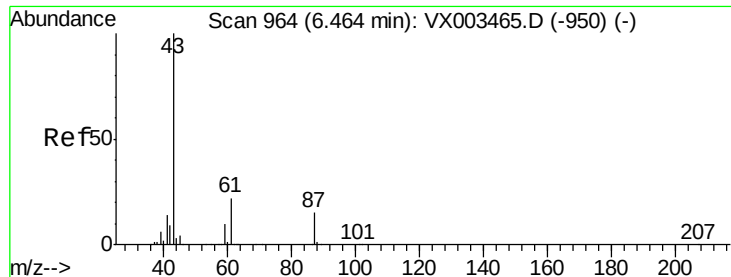
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.61 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	16.6	





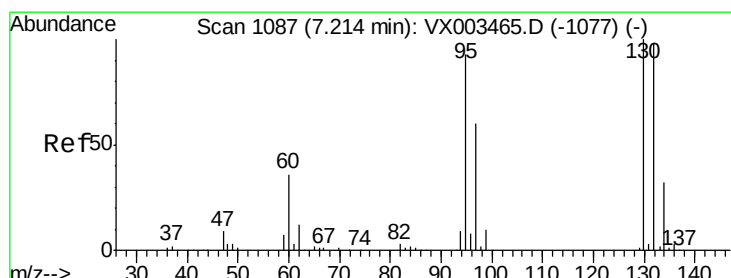
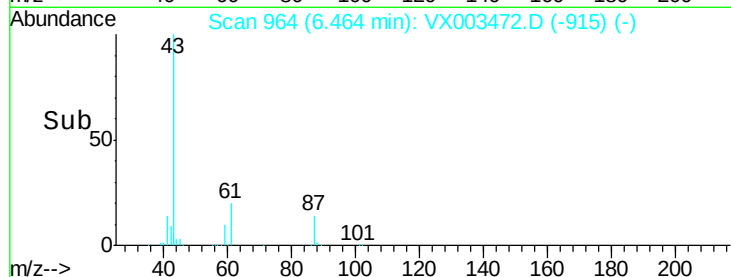
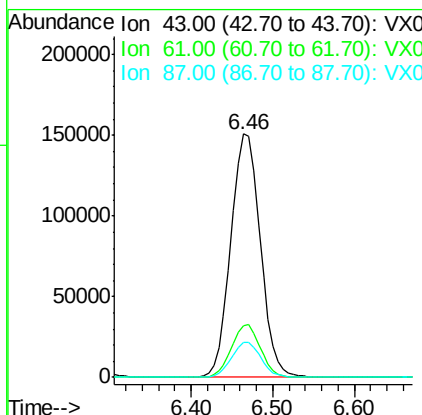
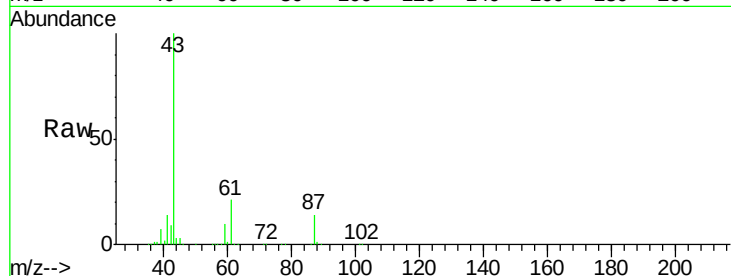
#43
Isopropyl Acetate
Concen: 51.79 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	14.4	21.6
87	14.3	9.5	14.3#

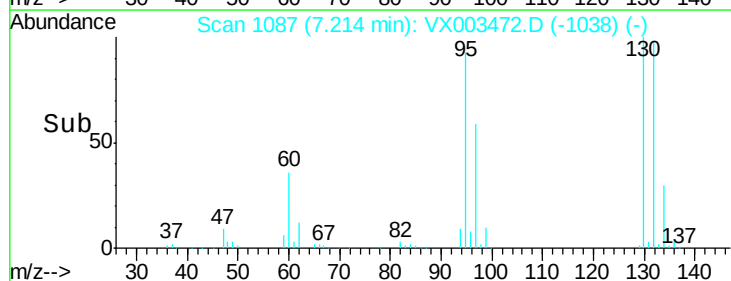
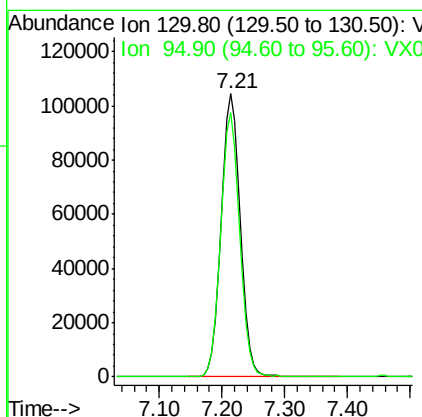
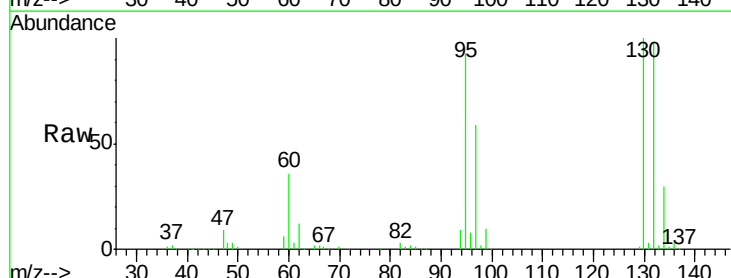
Manual Integrations
APPROVED

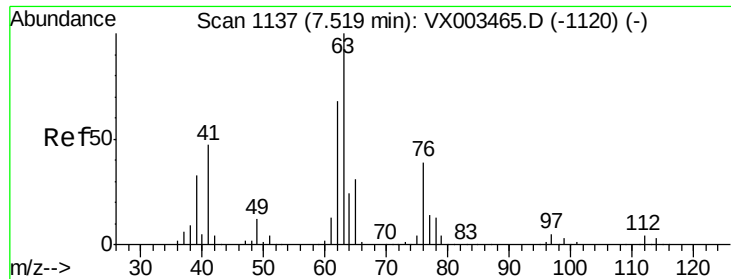
MMDadoda
7/20/2018 5:22:13 PM



#44
Trichloroethene
Concen: 50.64 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.4





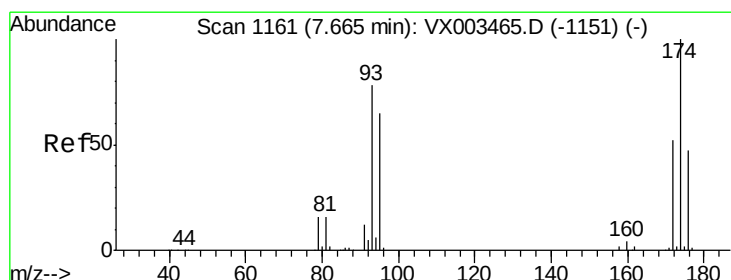
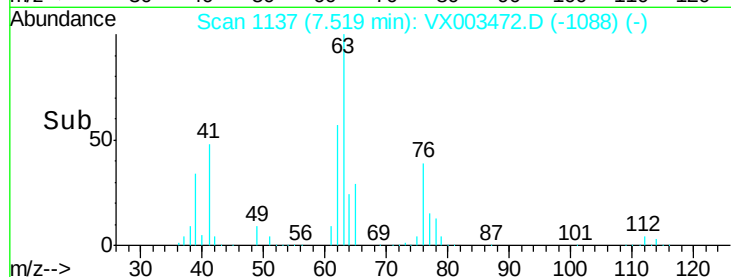
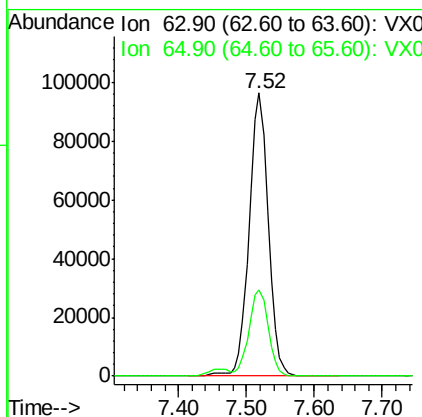
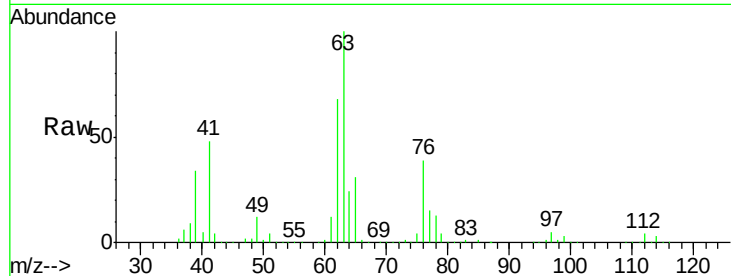
#45
 1,2-Dichloropropane
 Concen: 51.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 190220
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

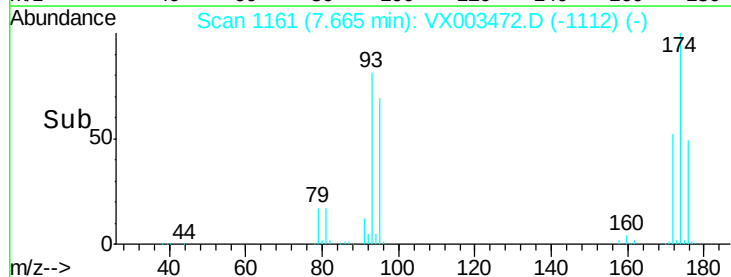
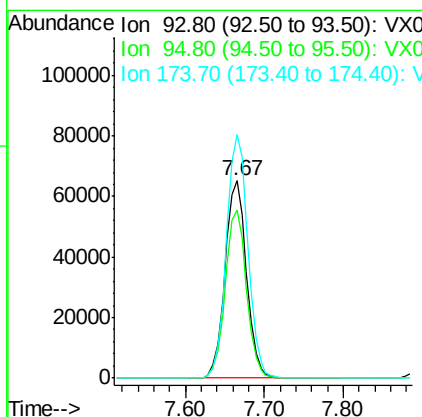
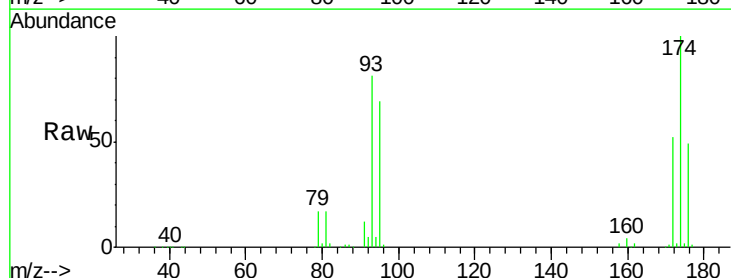
Manual Integrations
 APPROVED

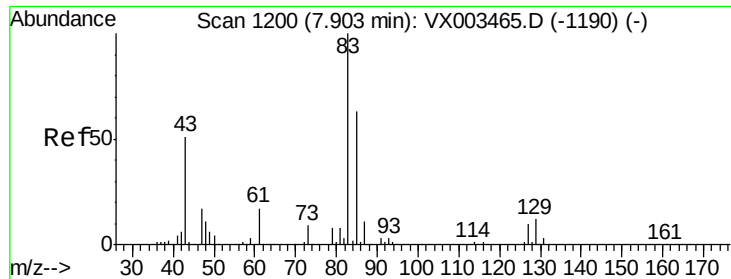
MMDadoda
 7/20/2018 5:22:13 PM



#46
 Dibromomethane
 Concen: 51.60 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion: 93 Resp: 123197
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.9 98.9
 174 123.8 92.4 138.6





#47

Bromodichloromethane

Concen: 53.54 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

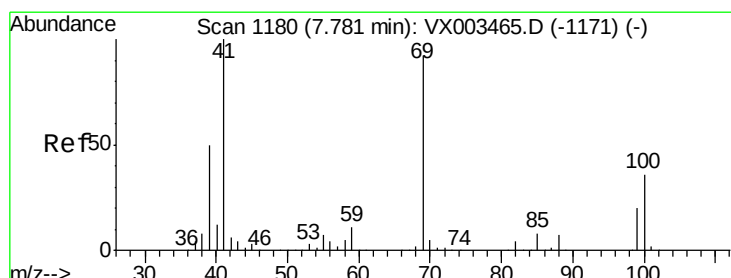
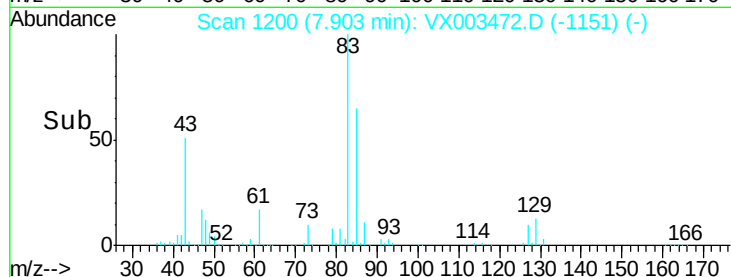
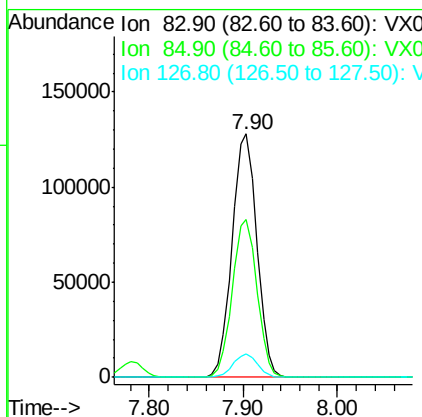
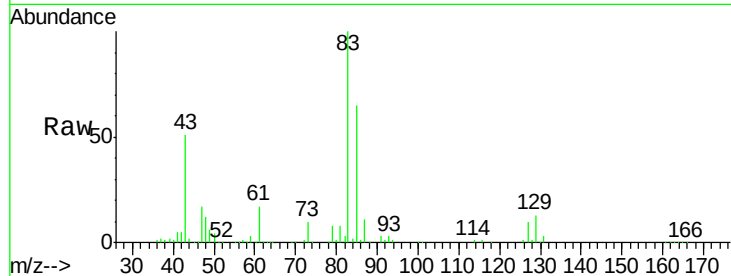
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	234011
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.96 ug/l

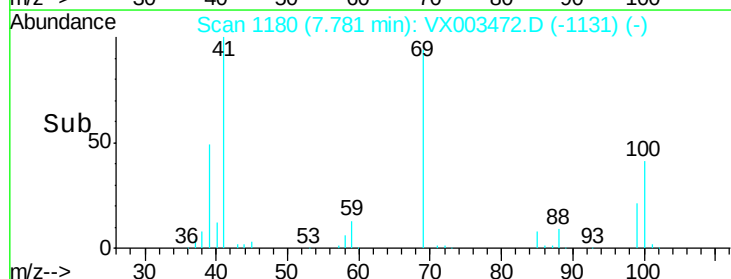
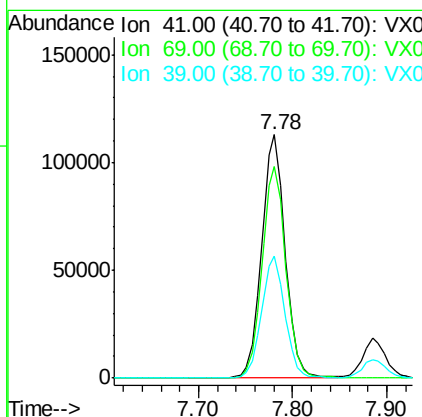
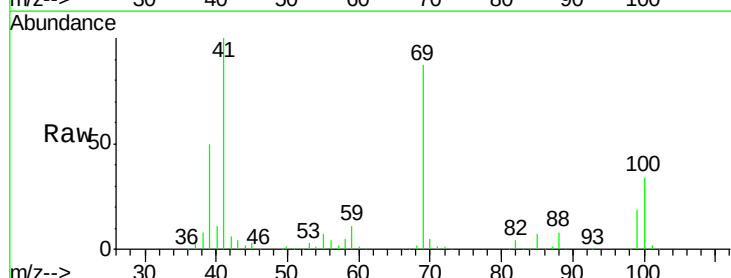
RT: 7.78 min Scan# 1180

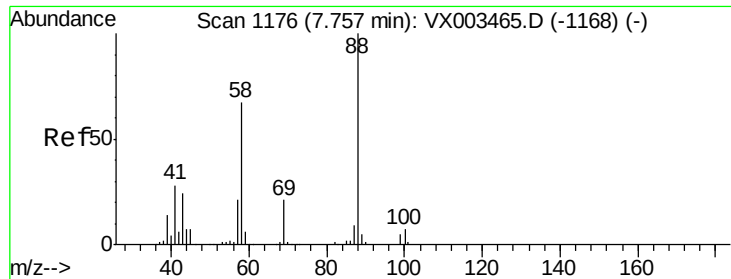
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	41	Resp:	198126
Ion Ratio	Lower	Upper	
41	100		
69	88.3	59.1	88.7
39	50.0	48.9	73.3





#49

1,4-Dioxane

Concen: 1044.89 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

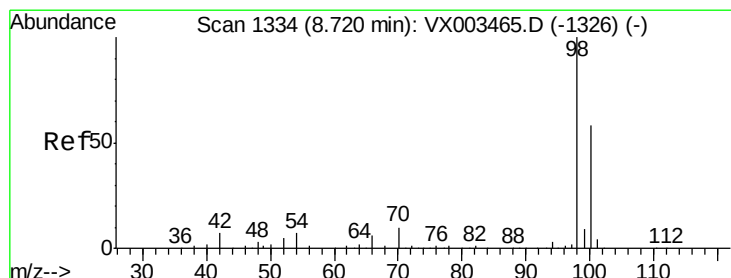
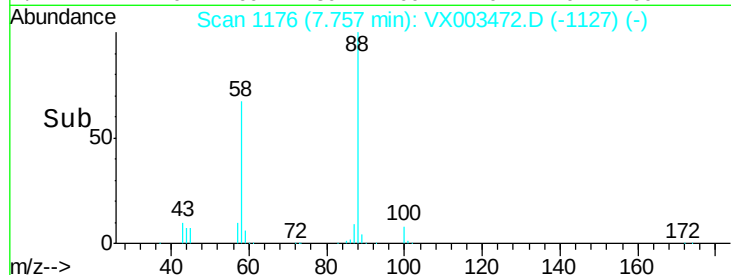
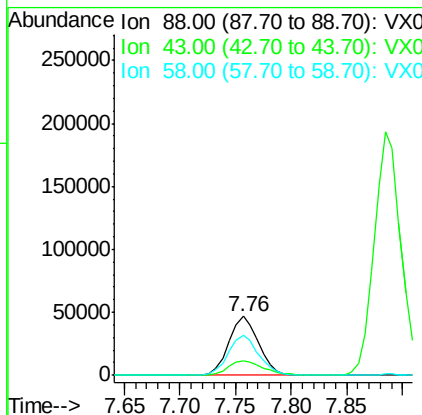
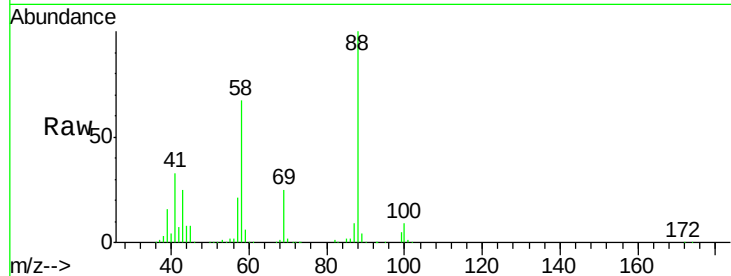
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	86935
Ion	Ratio	Lower	Upper
88	100		
43	30.1	29.8	44.6
58	69.9	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 53.40 ug/l

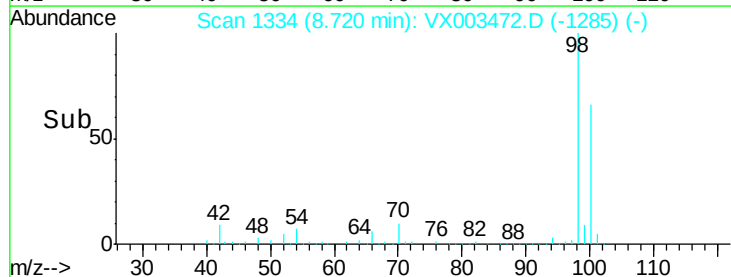
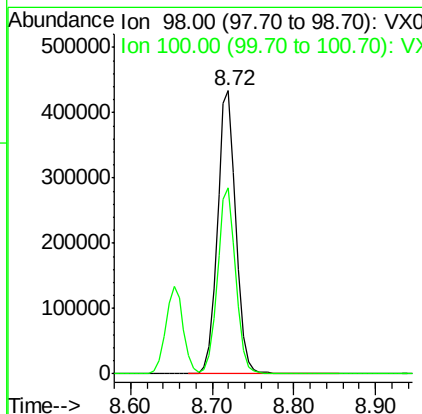
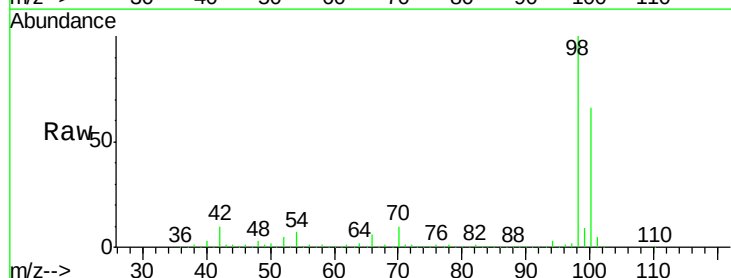
RT: 8.72 min Scan# 1334

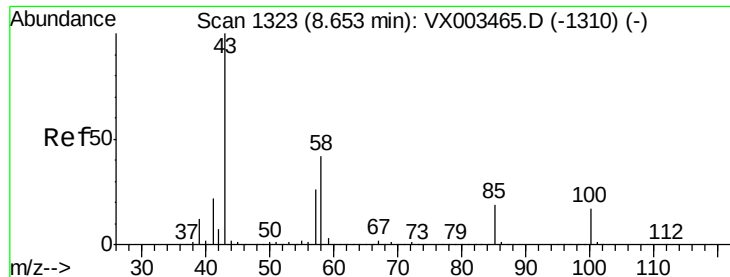
Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion:	98	Resp:	684917
Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 268.66 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1235877

Ion Ratio Lower Upper

43 100

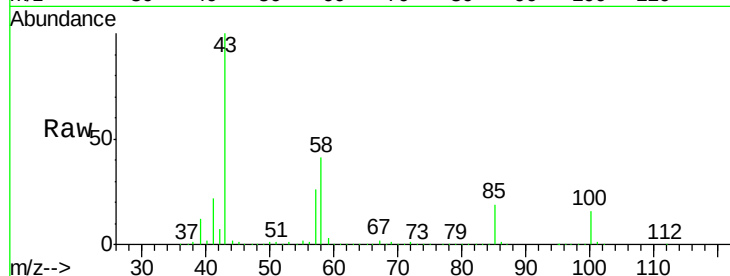
58 40.9 28.6 42.8

Manual Integrations

APPROVED

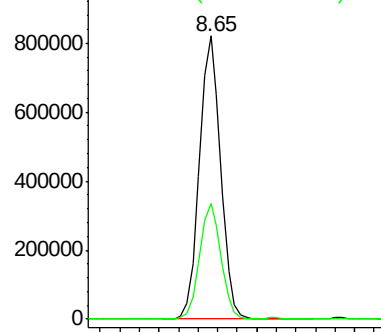
MMDadoda

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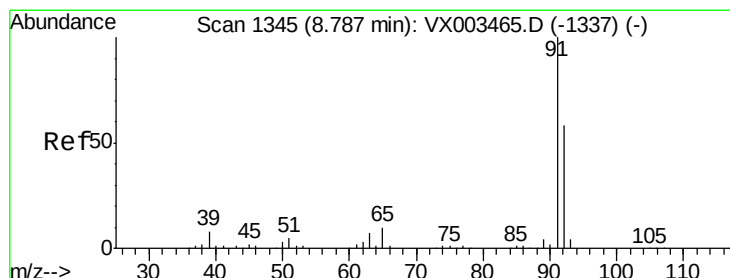
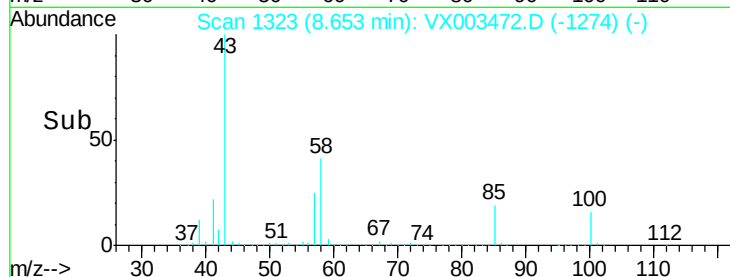


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 51.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003472.D

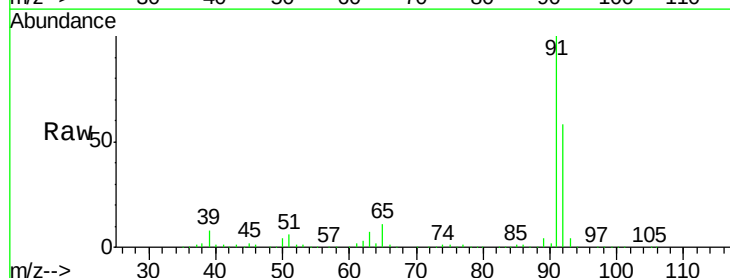
Acq: 19 Jul 2018 19:15

Tgt Ion: 92 Resp: 476874

Ion Ratio Lower Upper

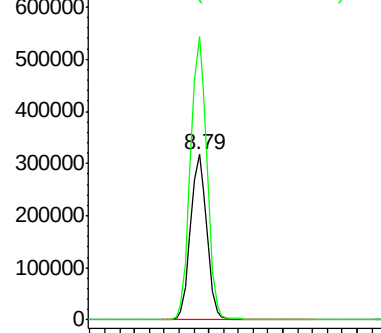
92 100

91 173.1 140.4 210.6

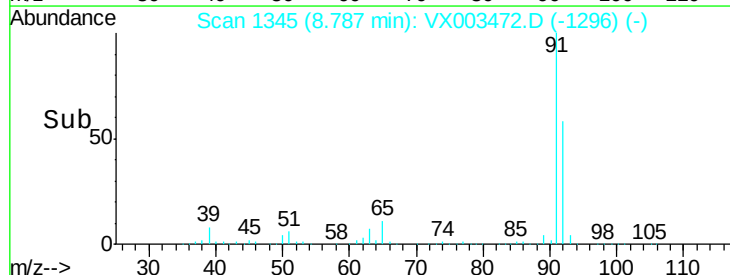


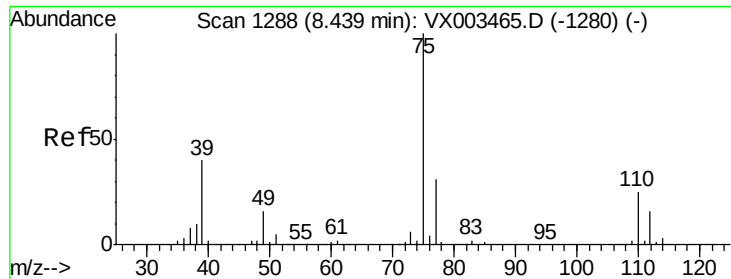
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





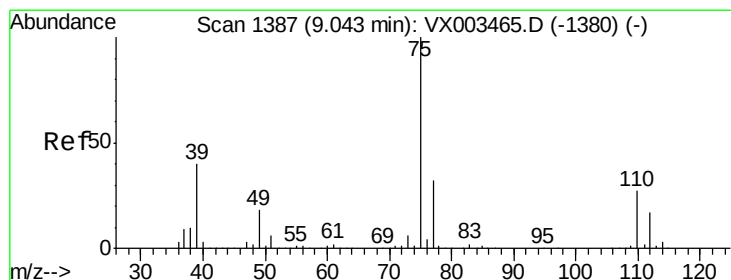
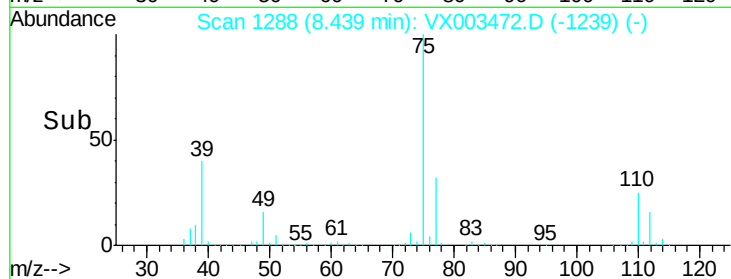
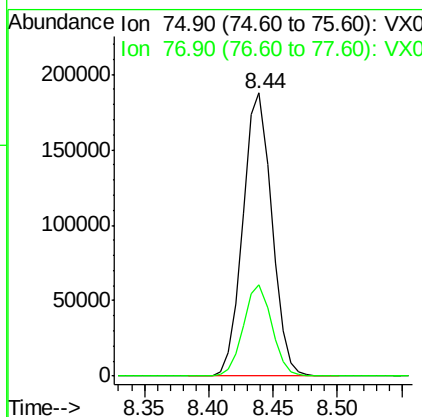
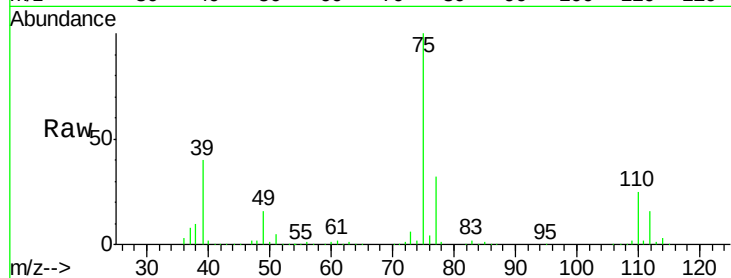
#53
t-1,3-Dichloropropene
Concen: 54.19 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2

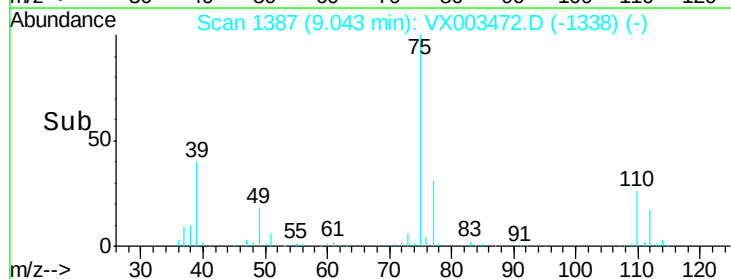
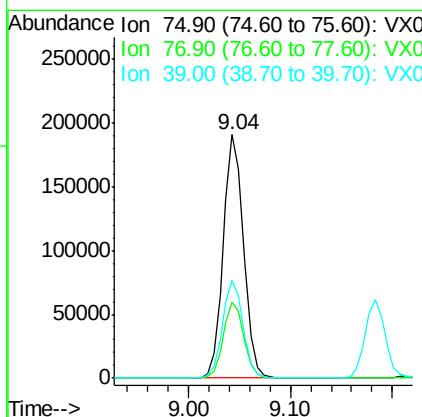
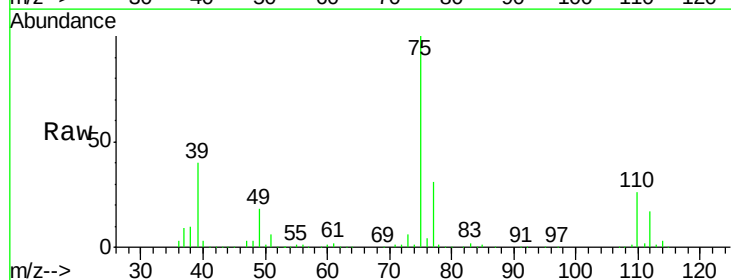
Manual Integrations
APPROVED

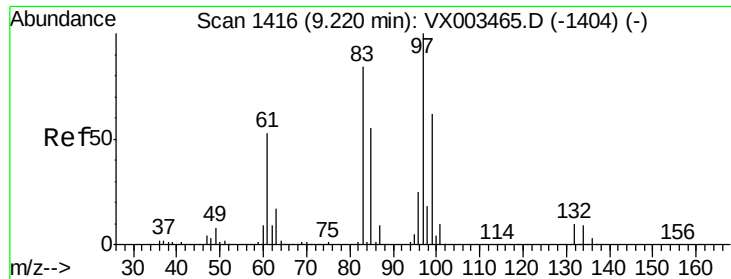
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.64 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	40.2	42.4	63.6#





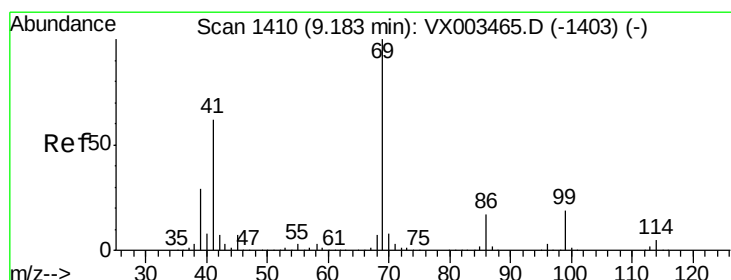
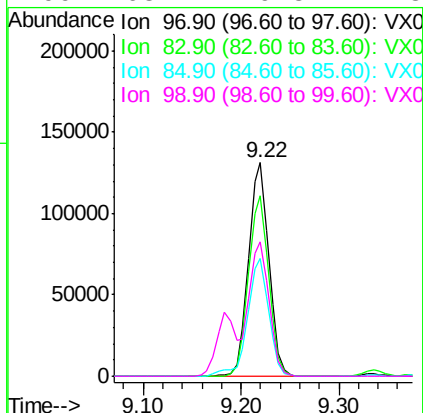
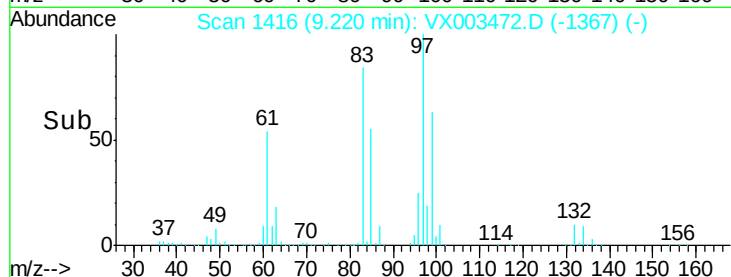
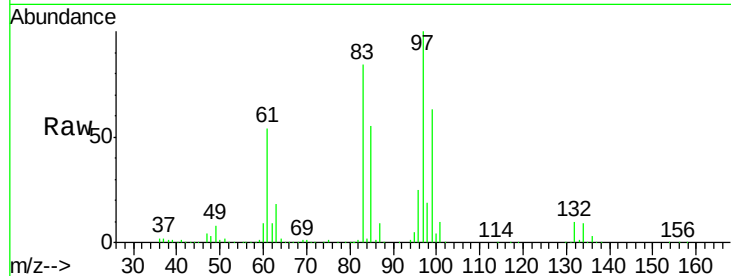
#55
 1,1,2-Trichloroethane
 Concen: 51.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	189644
Ion Ratio	Lower	Upper	
97	100		
83	84.3	70.2	105.2
85	55.1	44.9	67.3
99	63.1	49.8	74.8

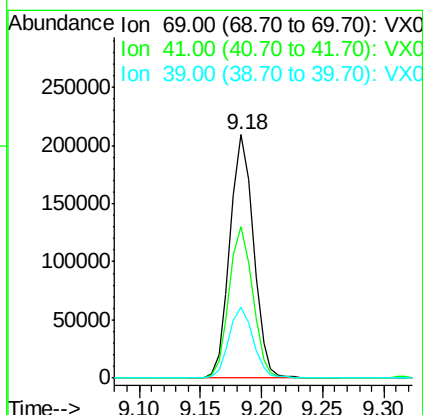
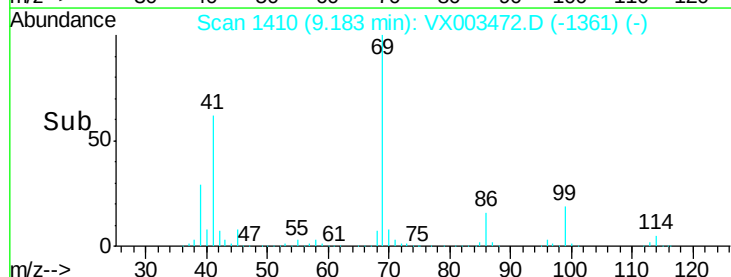
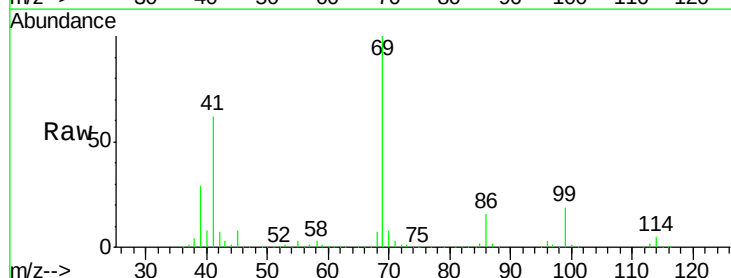
Manual Integrations
 APPROVED

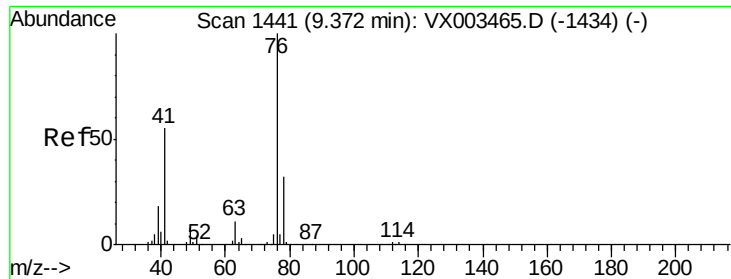
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#56
 Ethyl methacrylate
 Concen: 54.44 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion:	69	Resp:	280524
Ion Ratio	Lower	Upper	
69	100		
41	62.5	60.3	90.5
39	29.9	35.8	53.8#





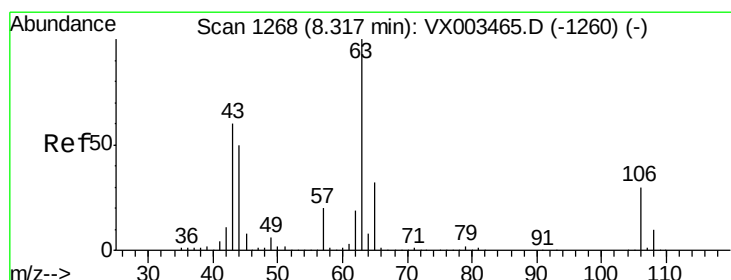
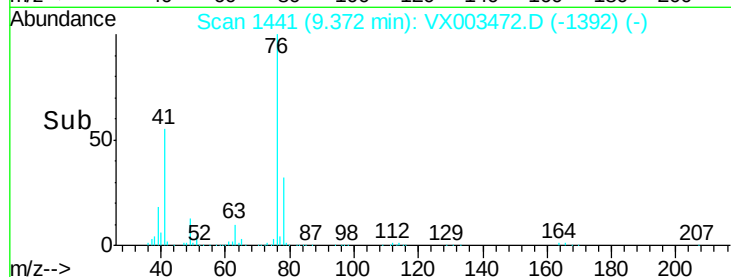
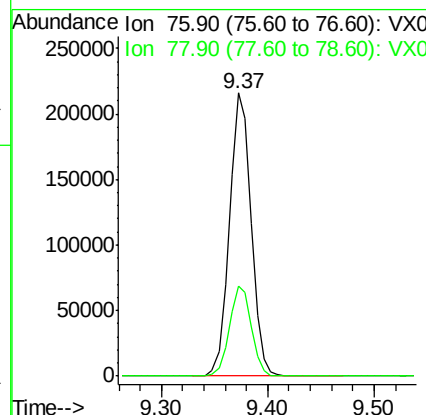
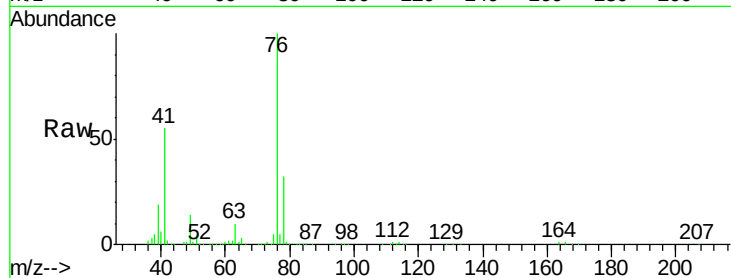
#57
 1,3-Dichloropropane
 Concen: 52.05 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

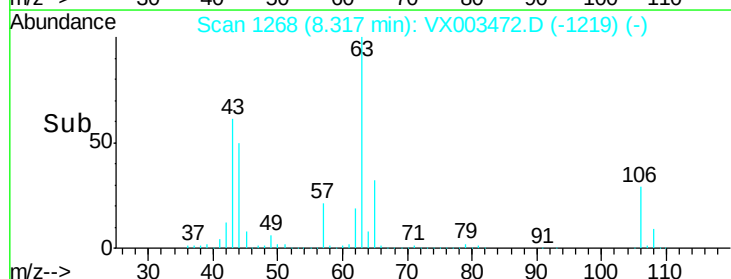
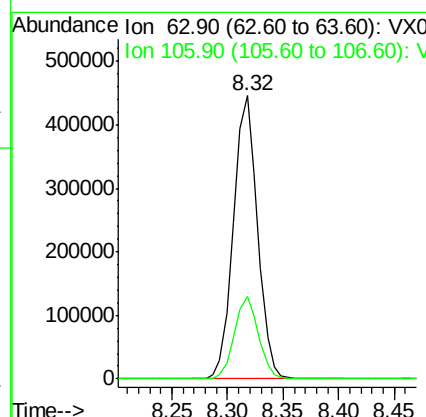
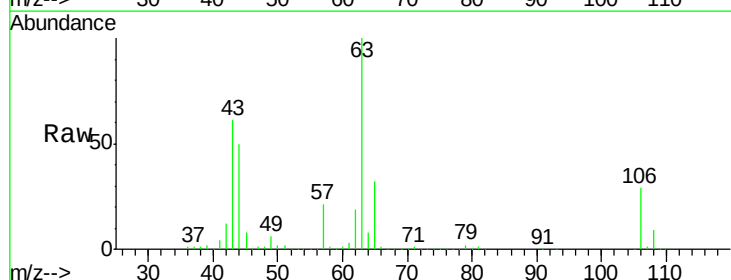
Manual Integrations
 APPROVED

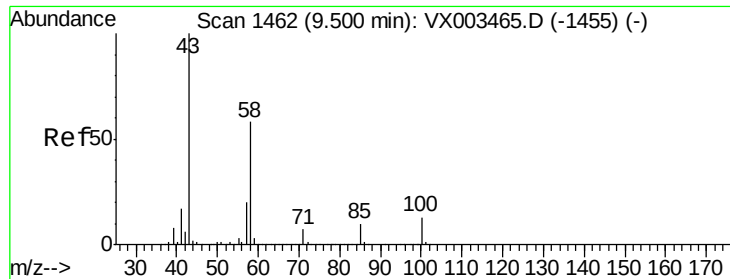
MMDadoda
 7/20/2018 5:22:13 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.06 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	21.8	32.8





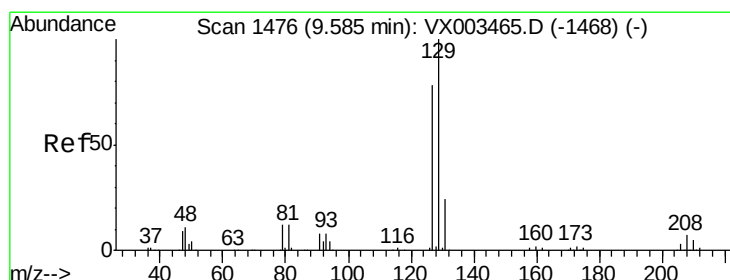
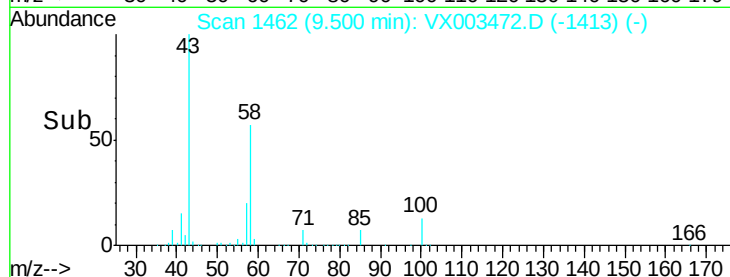
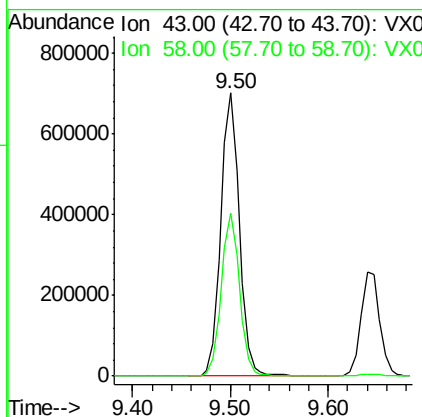
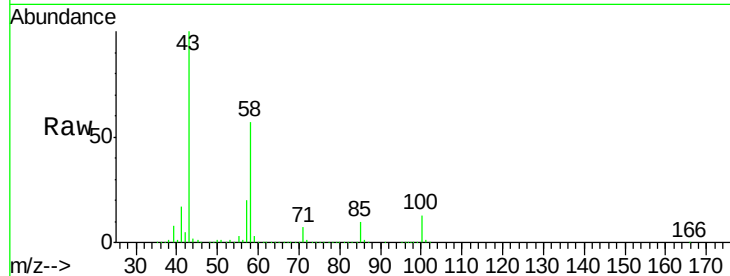
#59
2-Hexanone
Concen: 271.51 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 925398
Ion Ratio Lower Upper
43 100
58 56.9 24.6 73.6

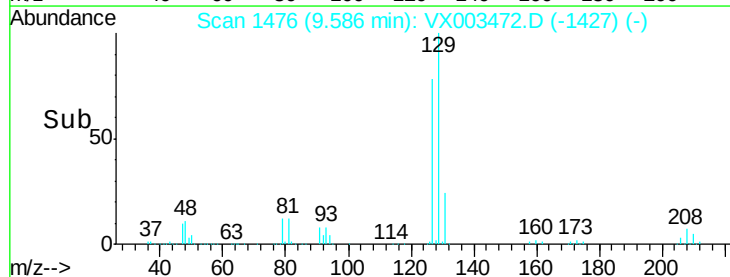
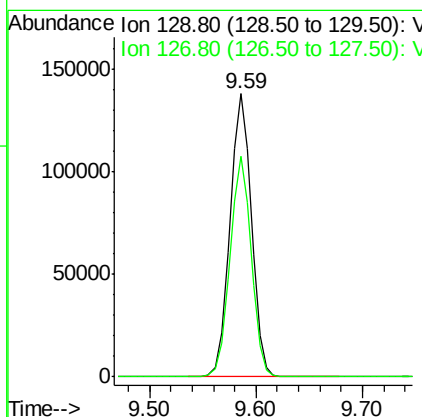
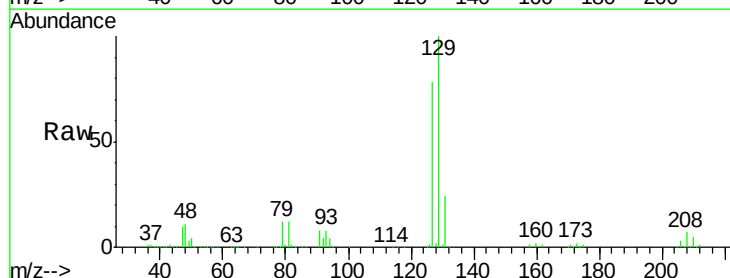
Manual Integrations
APPROVED

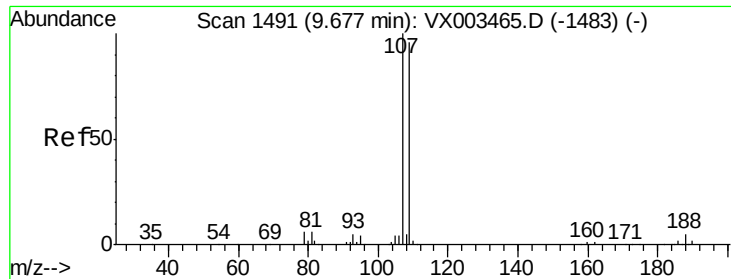
MMDadoda
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#60
Dibromochloromethane
Concen: 54.06 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion: 129 Resp: 195757
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 197779

Ion Ratio Lower Upper

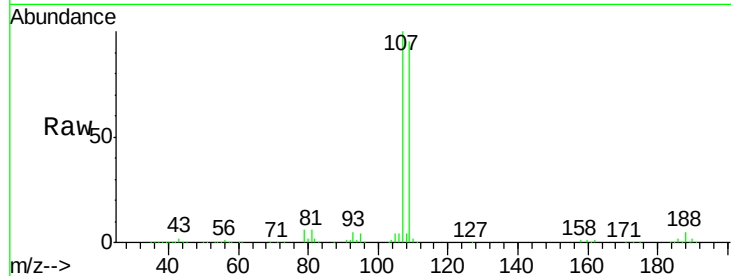
107 100

109 94.7 75.3 112.9

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

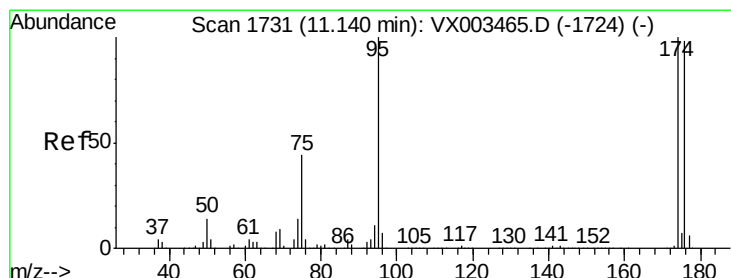
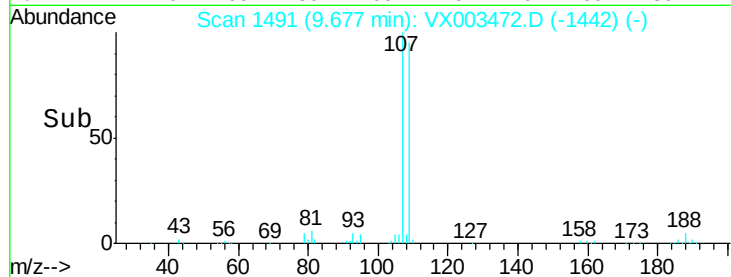
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

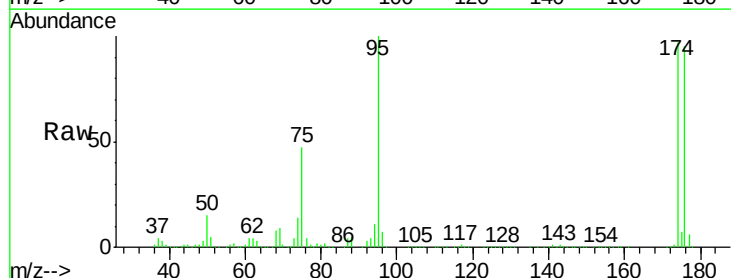
Tgt Ion: 95 Resp: 251949

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 94.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

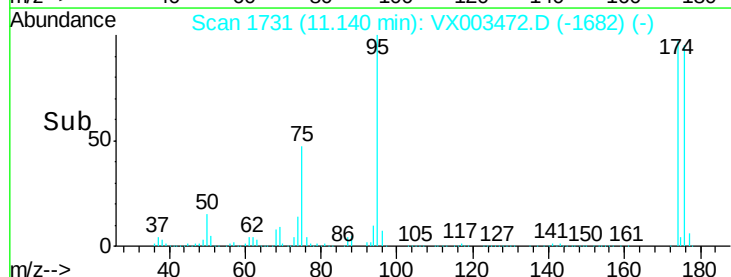
150000

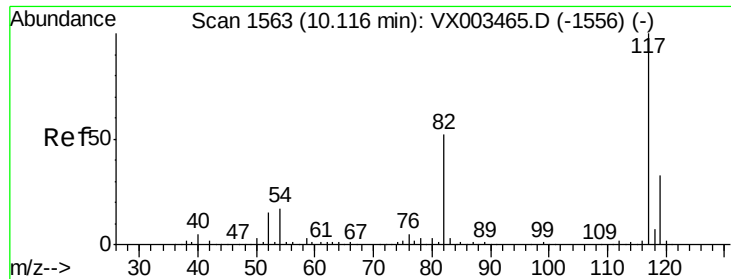
100000

50000

0

Time-->





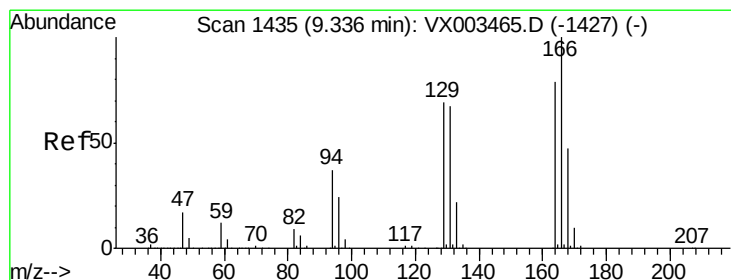
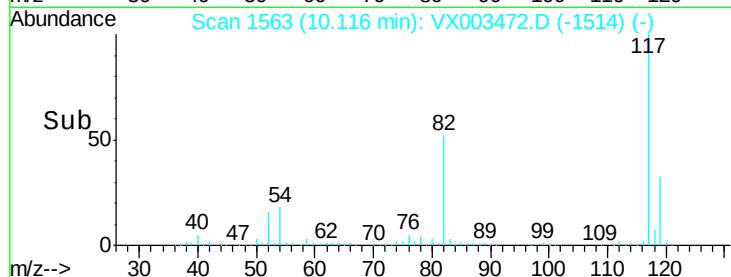
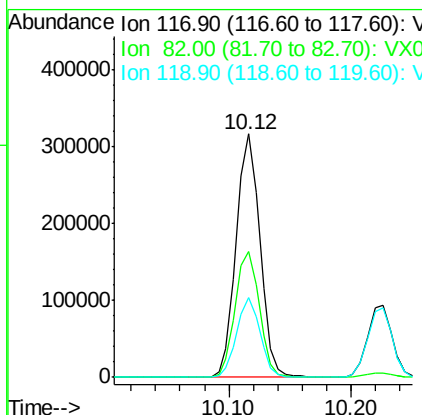
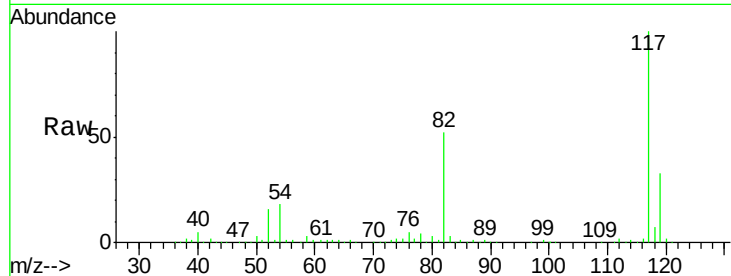
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	45.0	67.4
119	32.6	25.8	38.6

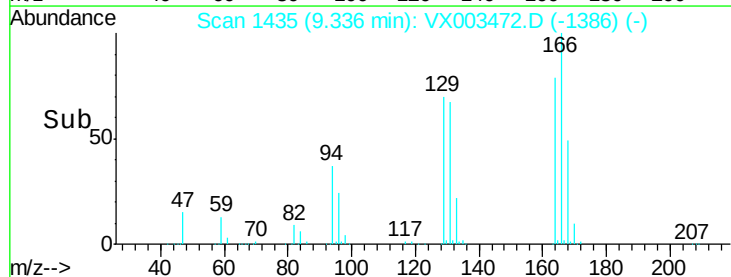
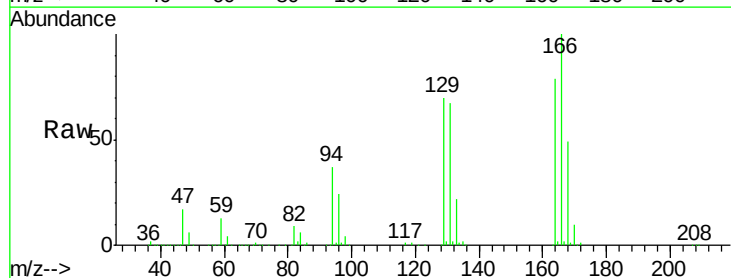
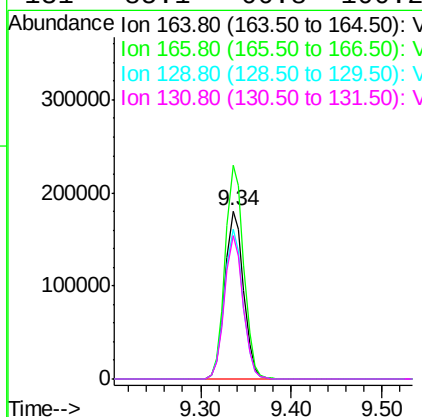
Manual Integrations
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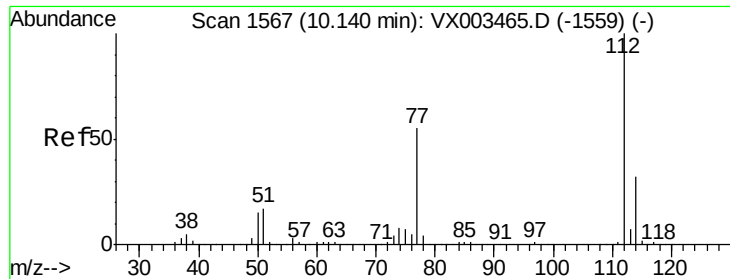
MMDadoda
7/20/2018 5:22:13 PM



#64
Tetrachloroethene
Concen: 49.95 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.9	154.3
129	88.9	68.6	102.8
131	85.1	66.8	100.2





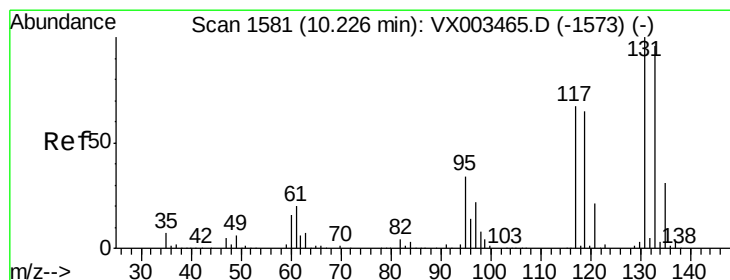
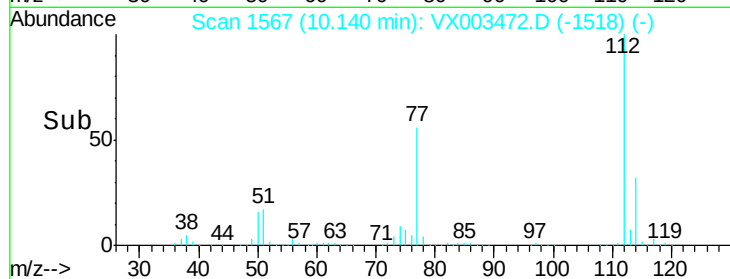
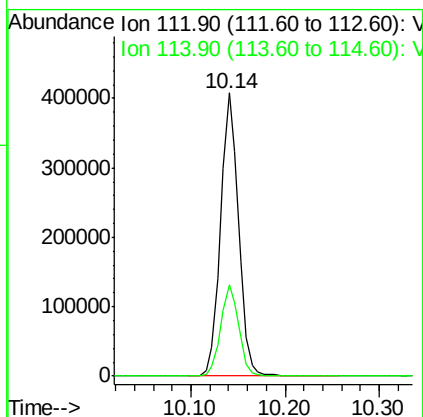
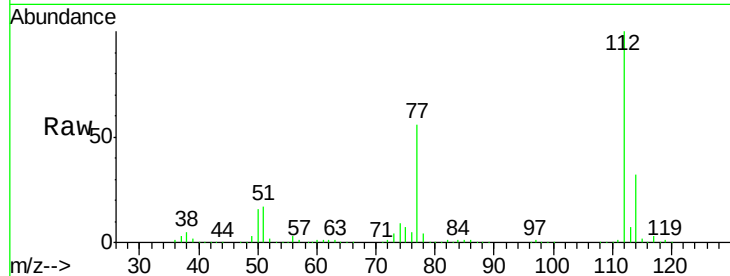
#65
Chlorobenzene
Concen: 49.30 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 540282
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

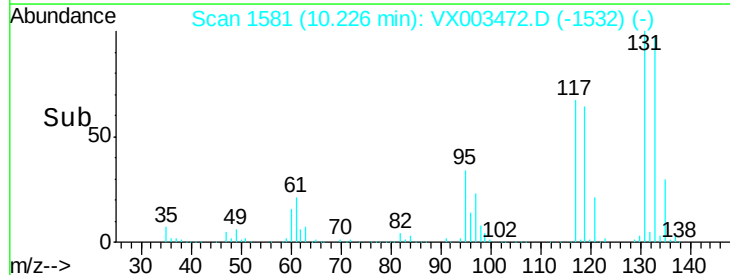
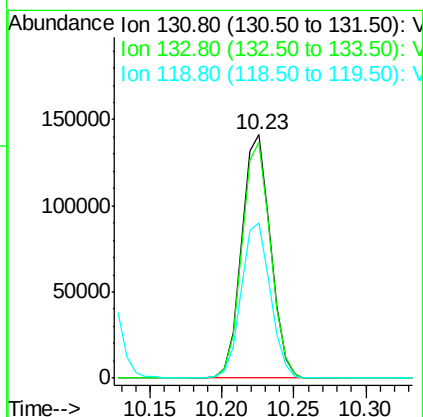
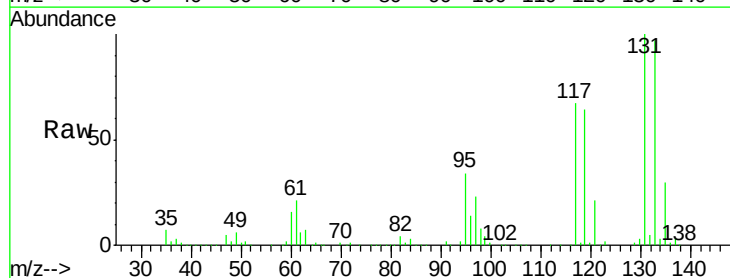
Manual Integrations
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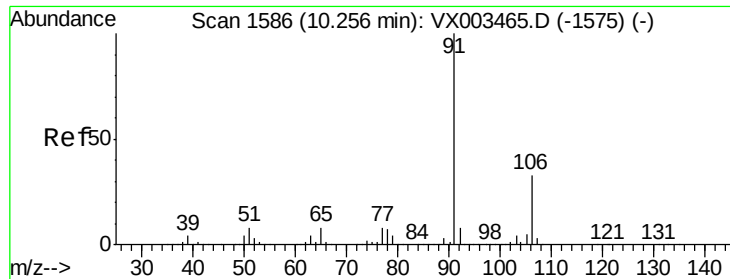
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.64 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion:131 Resp: 194692
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 64.6 31.8 95.3





#67

Ethyl Benzene

Concen: 51.61 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 909431

Ion Ratio Lower Upper

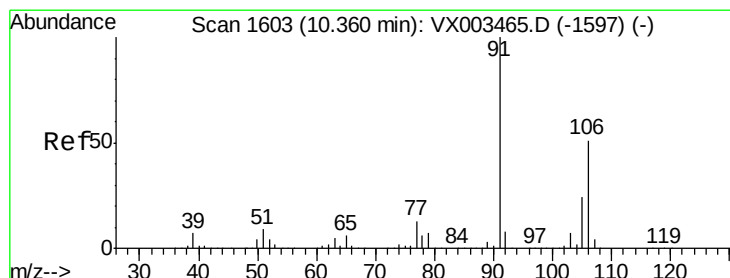
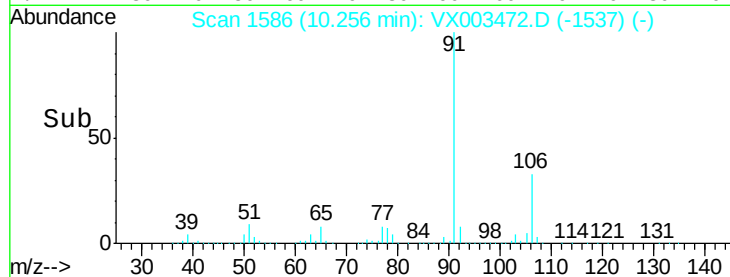
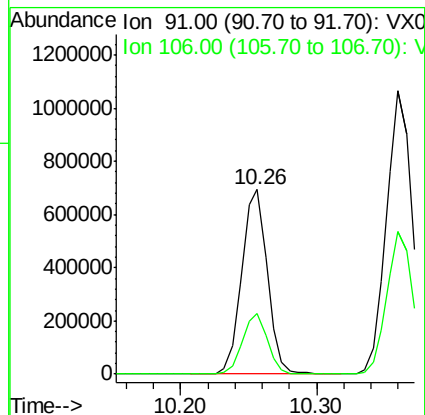
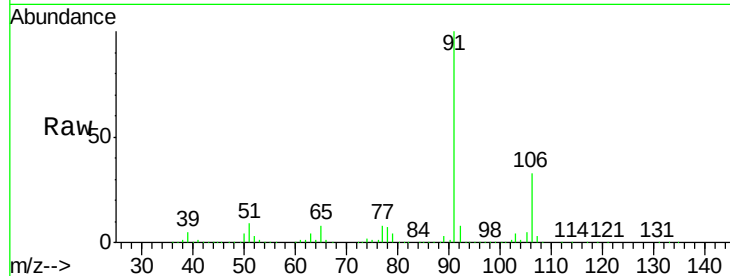
91 100

106 32.6 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 104.09 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003472.D

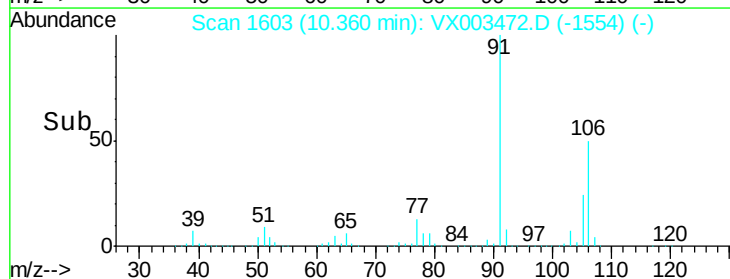
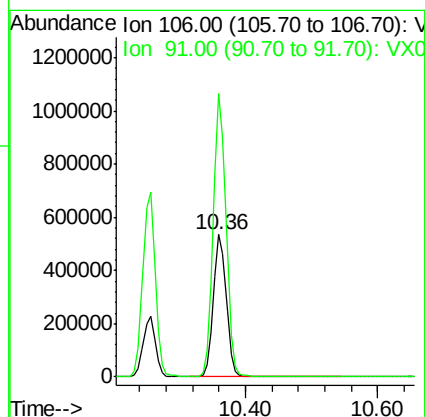
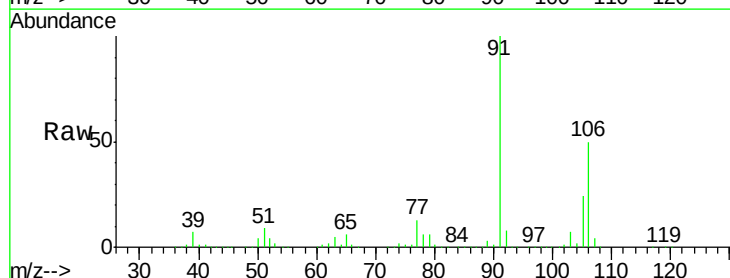
Acq: 19 Jul 2018 19:15

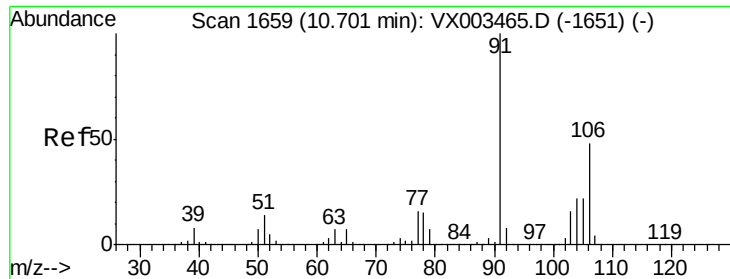
Tgt Ion: 106 Resp: 719067

Ion Ratio Lower Upper

106 100

91 198.3 163.4 245.2





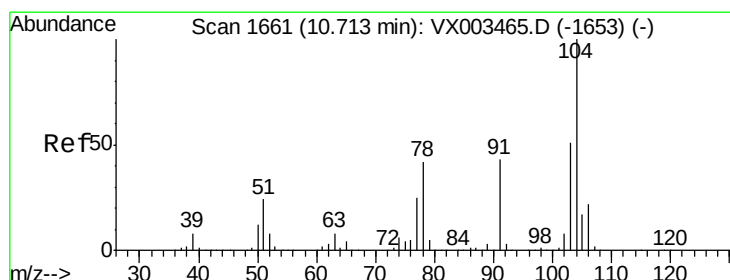
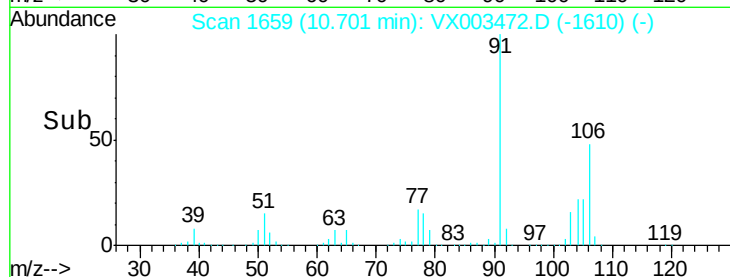
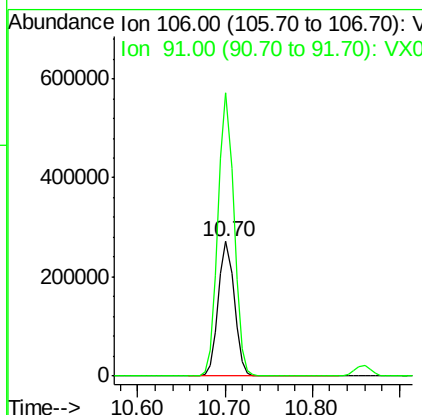
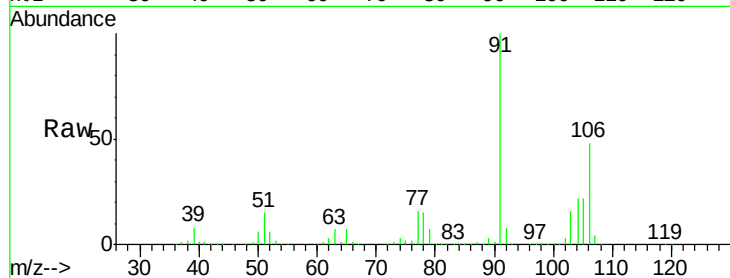
#69
o-Xylene
Concen: 51.59 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 344616
Ion Ratio Lower Upper
106 100
91 208.9 108.2 324.6

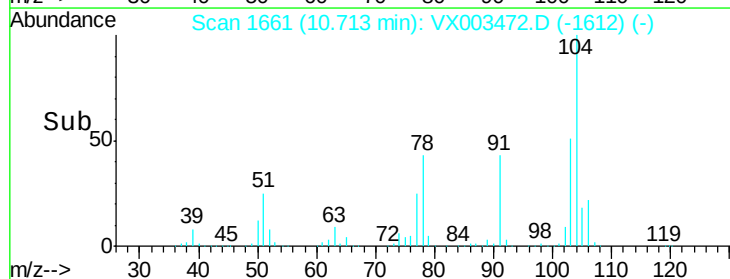
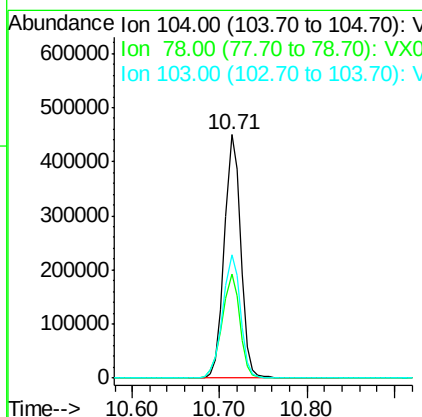
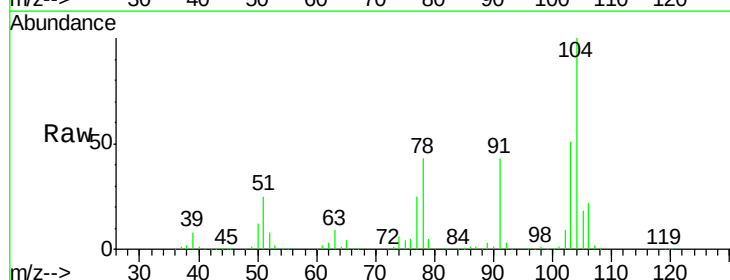
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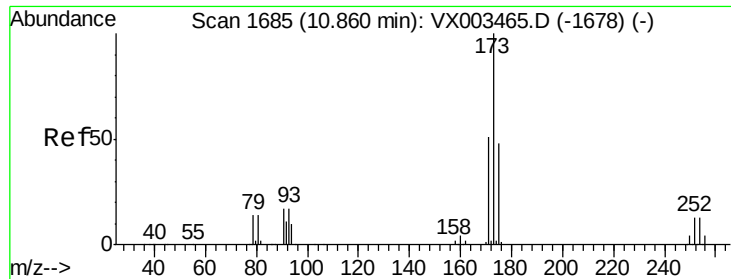
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#70
Styrene
Concen: 52.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion:104 Resp: 582094
Ion Ratio Lower Upper
104 100
78 46.6 41.0 61.6
103 55.2 44.2 66.4





#71

Bromoform

Concen: 52.91 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 154995

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

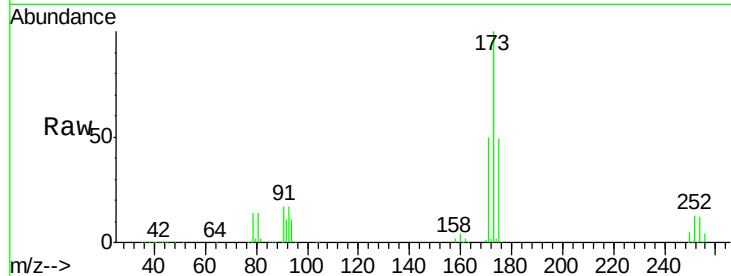
254 0.2 0.2 0.2

Manual Integrations

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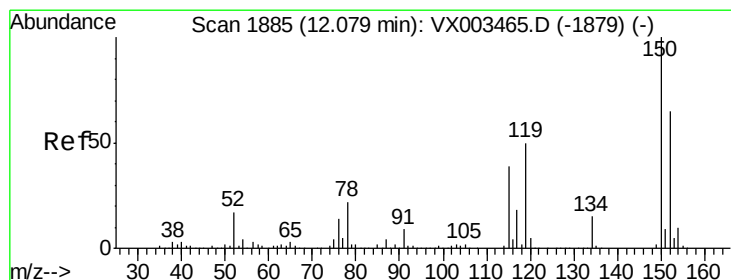
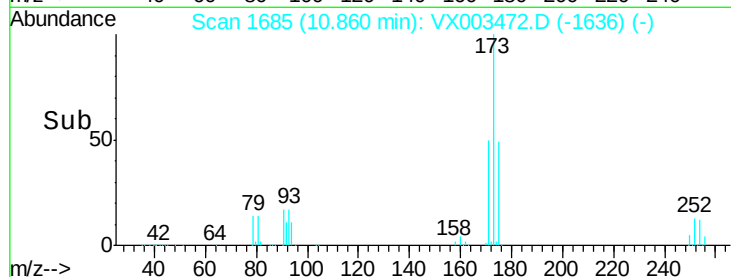
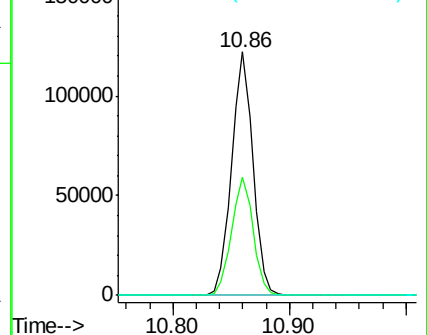
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

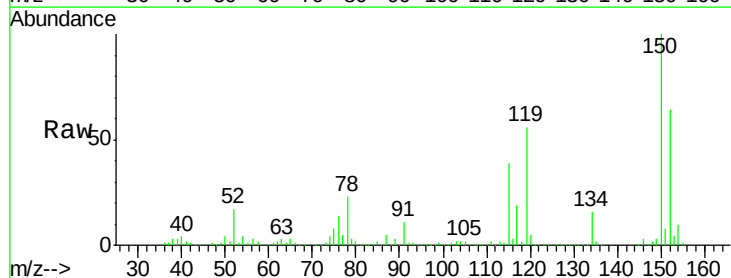
Tgt Ion:152 Resp: 263369

Ion Ratio Lower Upper

152 100

115 76.2 40.1 120.2

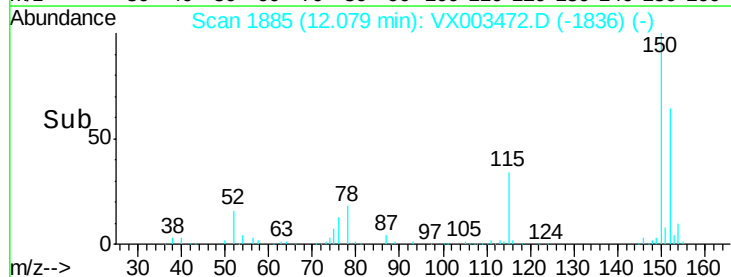
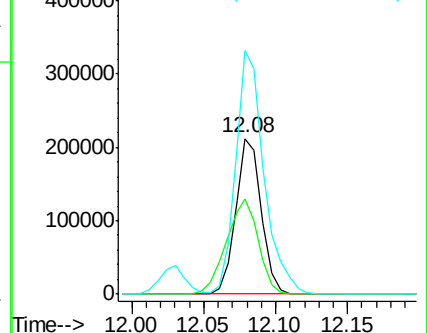
150 174.1 0.0 347.2

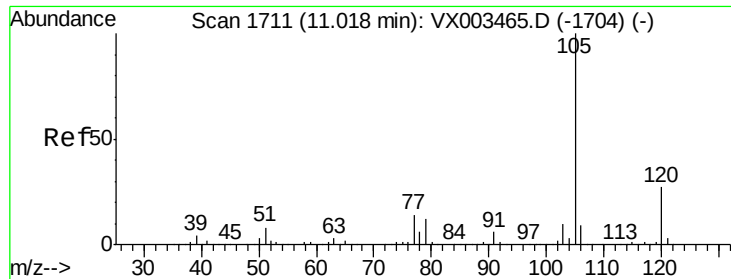


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.98 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 928575

Ion Ratio Lower Upper

105 100

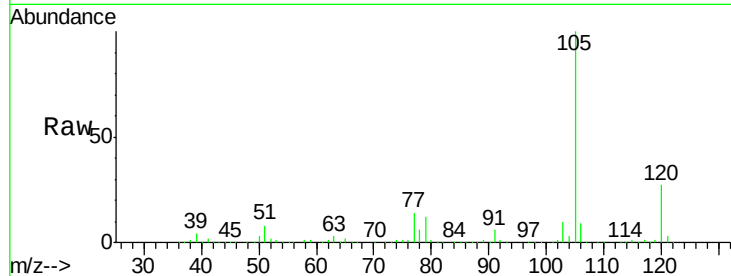
120 27.2 13.5 40.4

Manual Integrations

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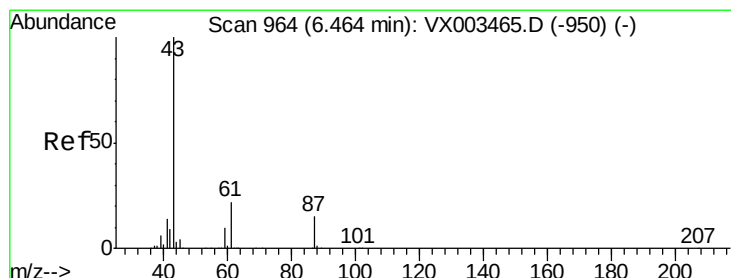
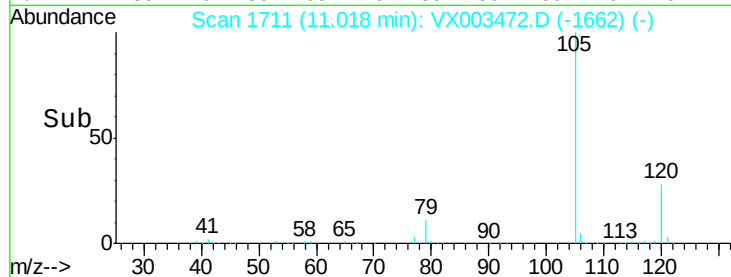
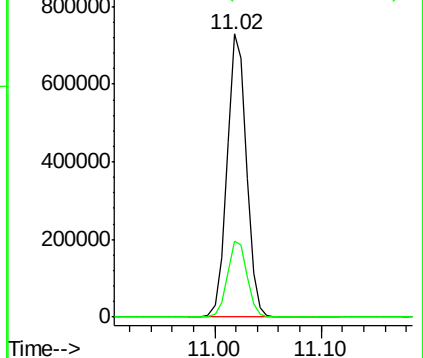
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.76 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Tgt Ion: 43 Resp: 377126

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

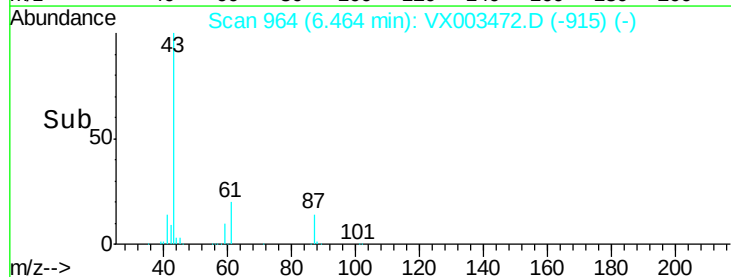
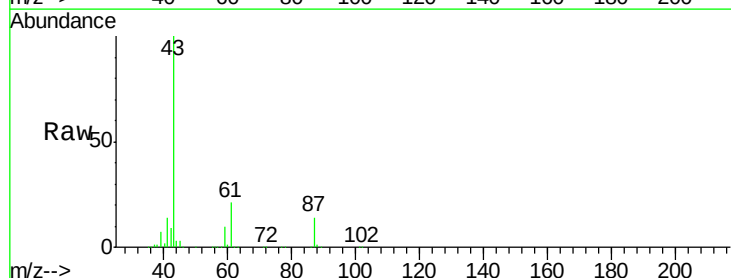
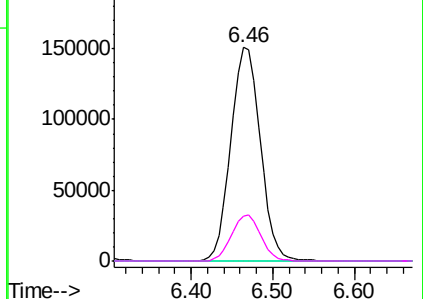
61 21.3 14.4 21.6

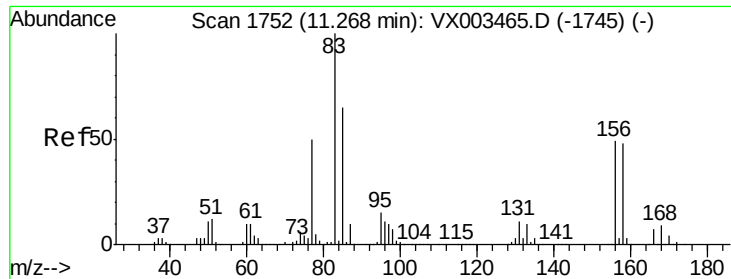
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.36 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 263461

Ion Ratio Lower Upper

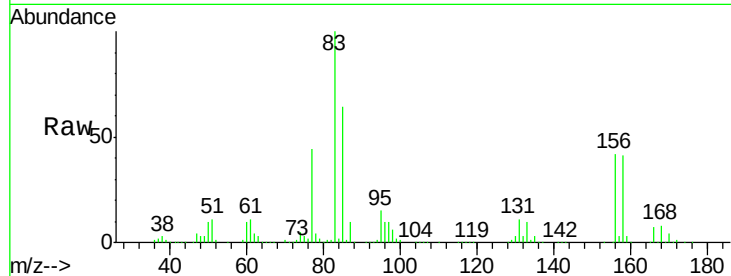
83 100

131 11.0 5.6 16.8

85 64.5 32.4 97.2

Manual Integrations
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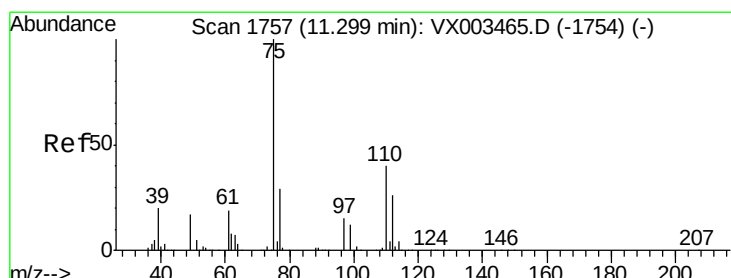
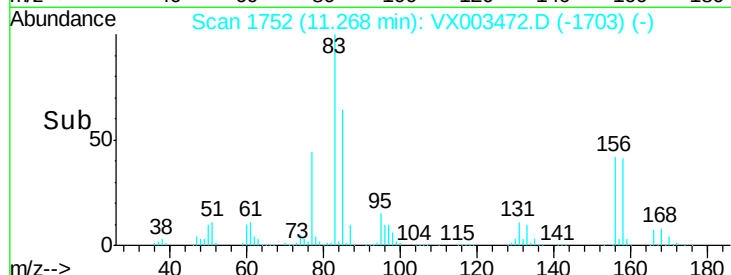
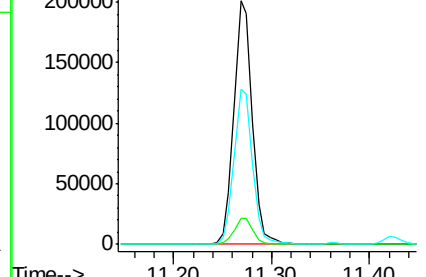
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.93 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003472.D

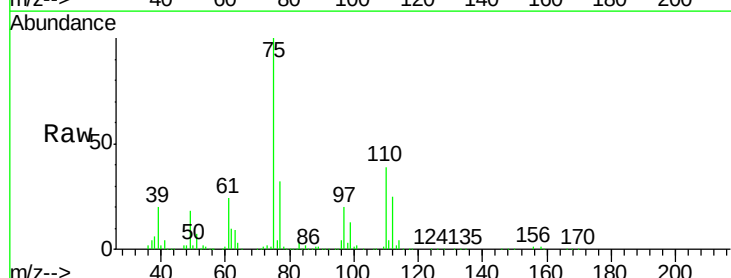
Acq: 19 Jul 2018 19:15

Tgt Ion: 75 Resp: 278824

Ion Ratio Lower Upper

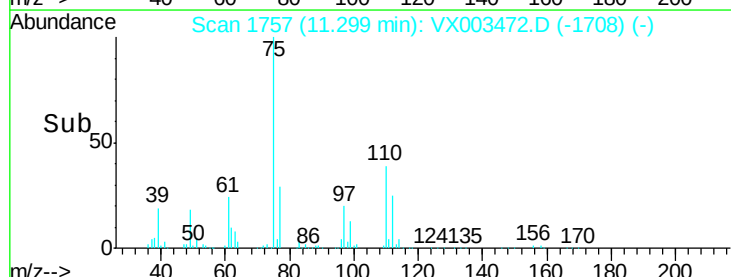
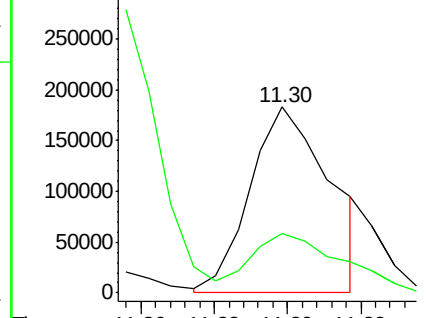
75 100

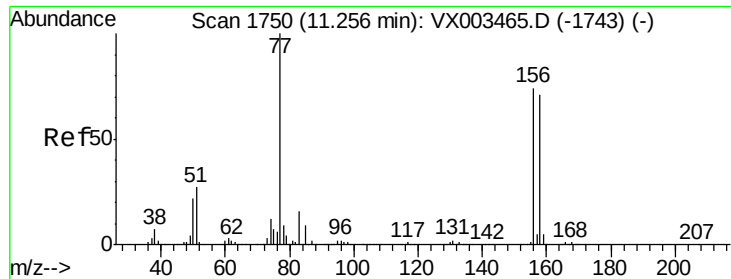
77 36.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

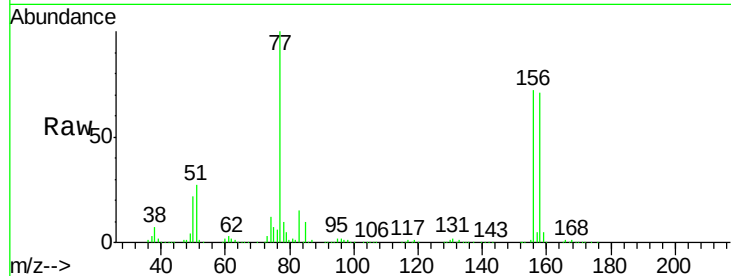
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.3	71.4	214.2
158	98.5	48.9	146.6

Manual Integrations
APPROVED

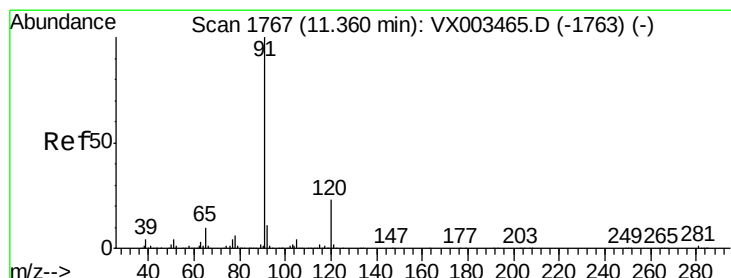
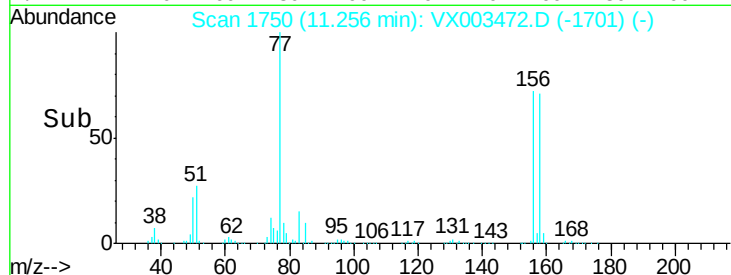
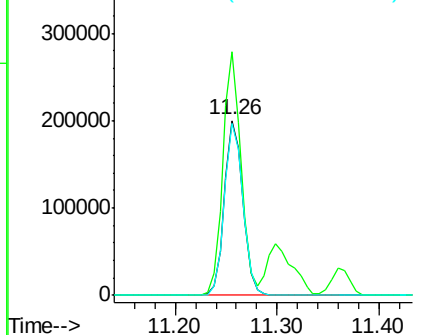
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.70 ug/l

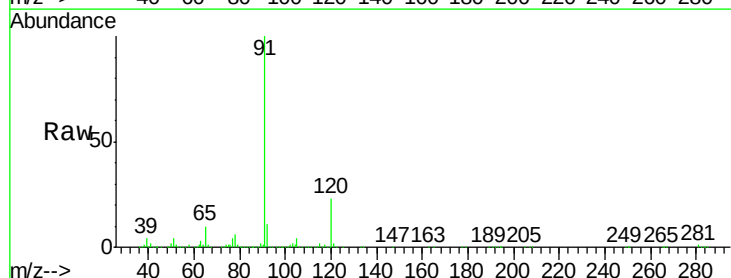
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003472.D

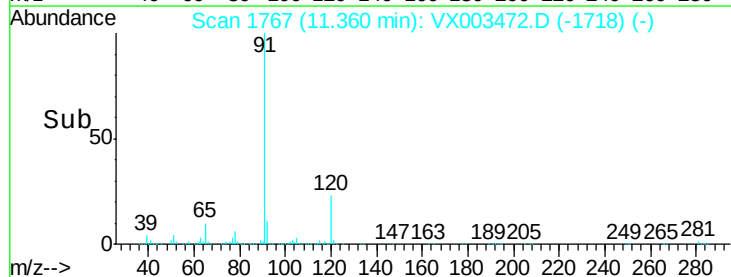
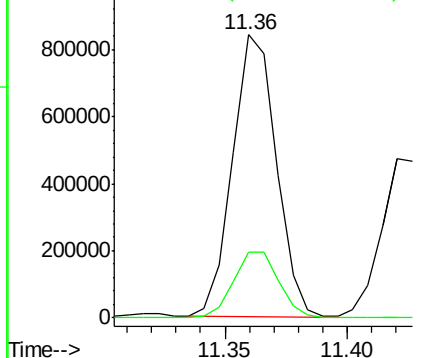
Acq: 19 Jul 2018 19:15

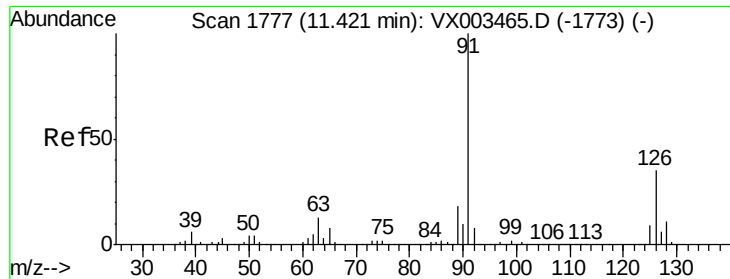
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.14 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 616347

Ion Ratio Lower Upper

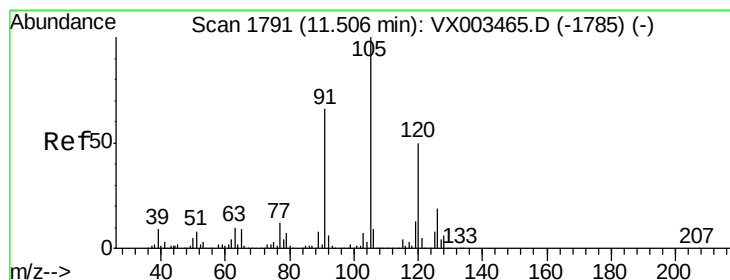
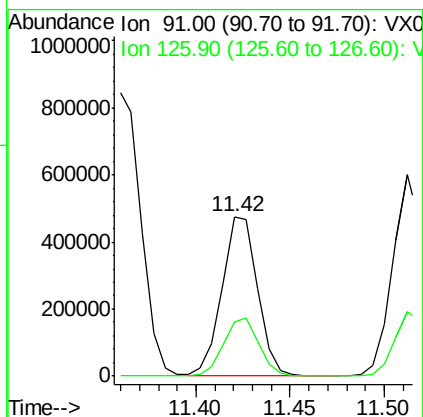
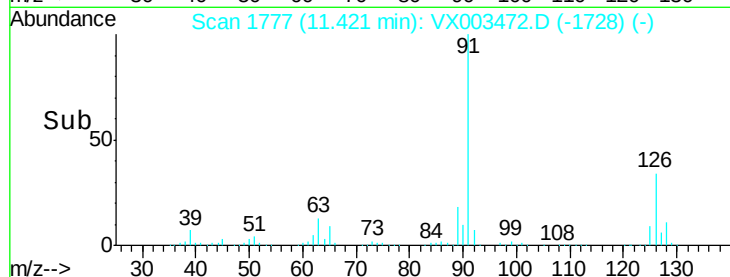
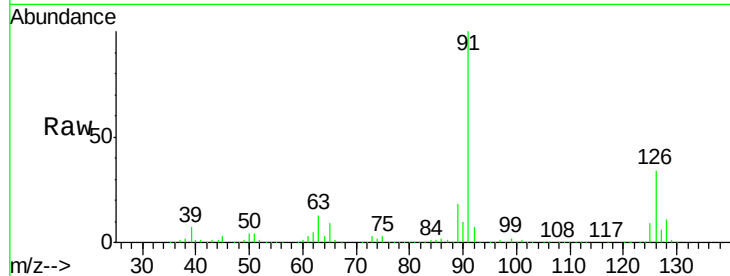
91 100

126 36.3 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 51.47 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003472.D

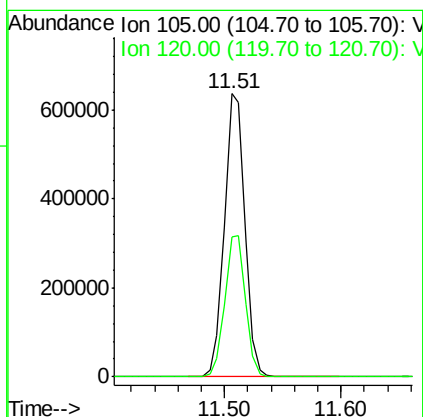
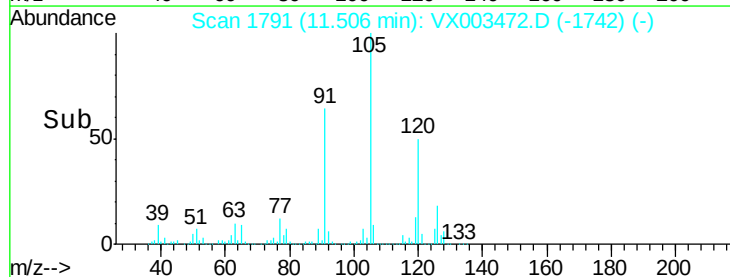
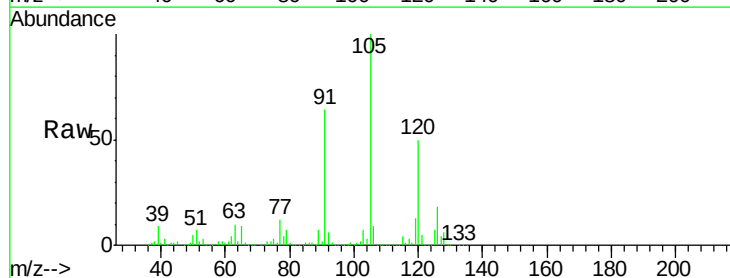
Acq: 19 Jul 2018 19:15

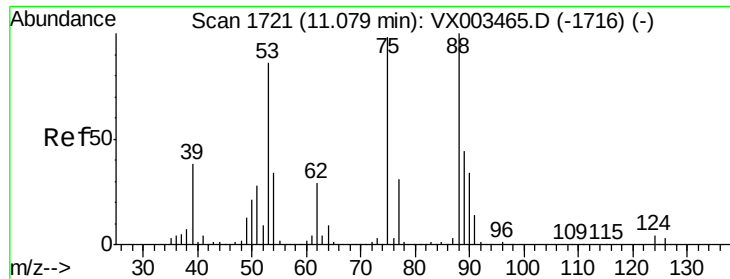
Tgt Ion: 105 Resp: 770542

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4





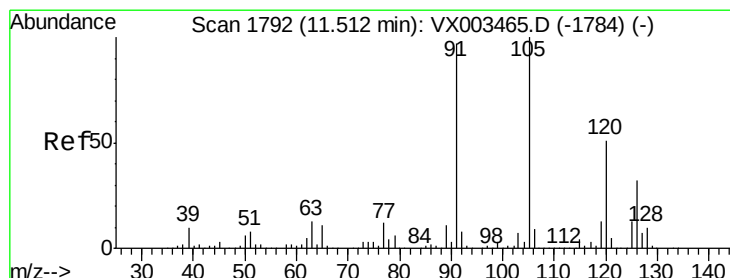
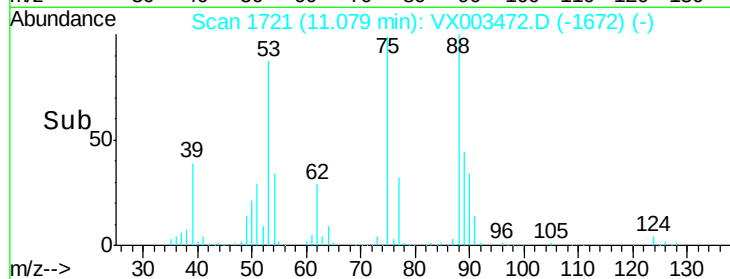
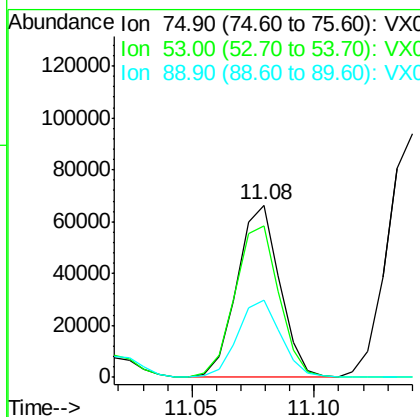
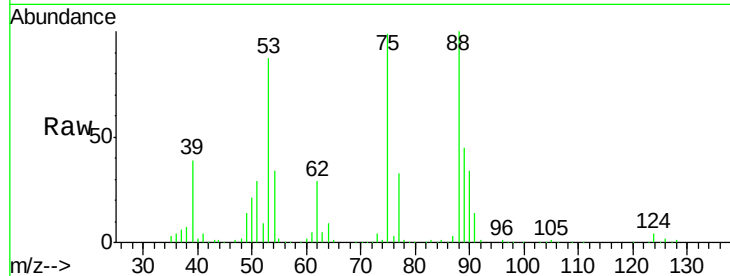
#81
trans-1,4-Dichloro-2-butene
Concen: 48.38 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	86.8	130.2
89	46.4	38.2	57.2

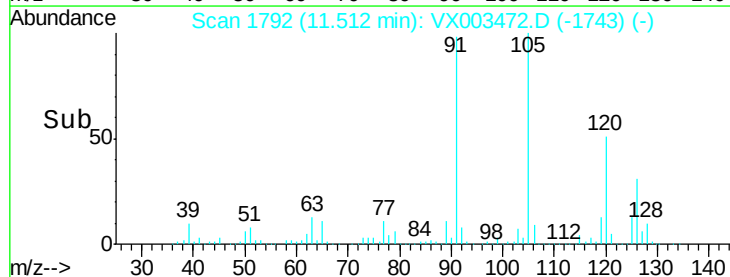
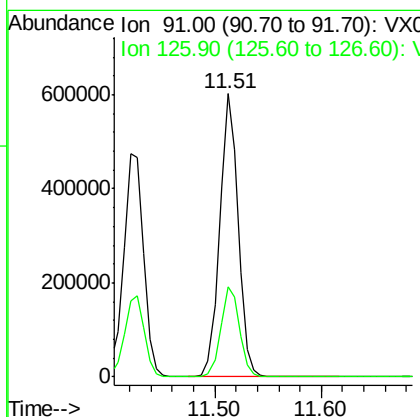
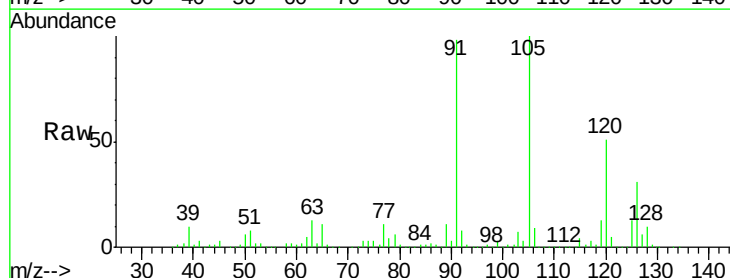
Manual Integrations
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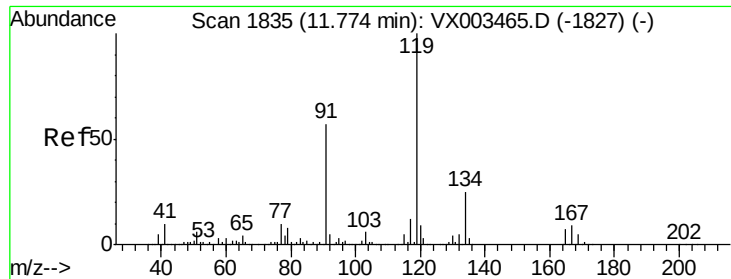
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#82
4-Chlorotoluene
Concen: 50.41 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.4	46.4





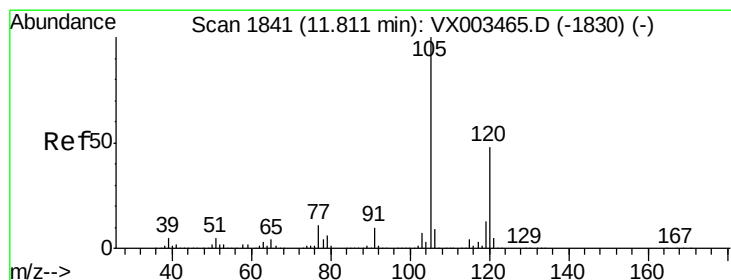
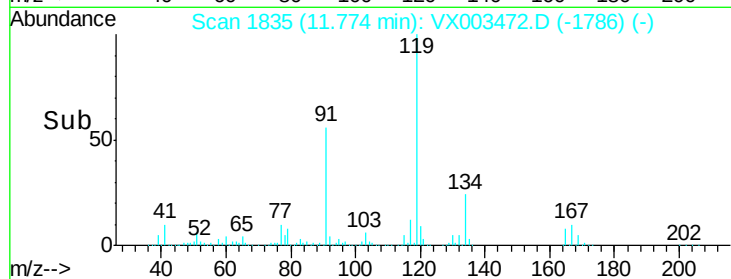
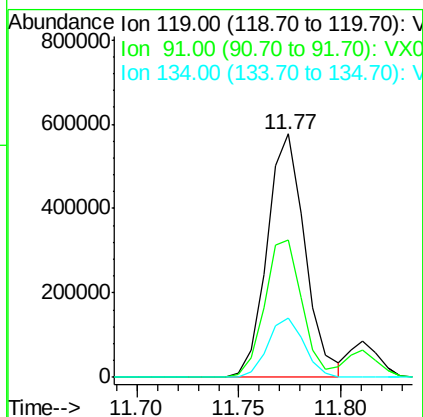
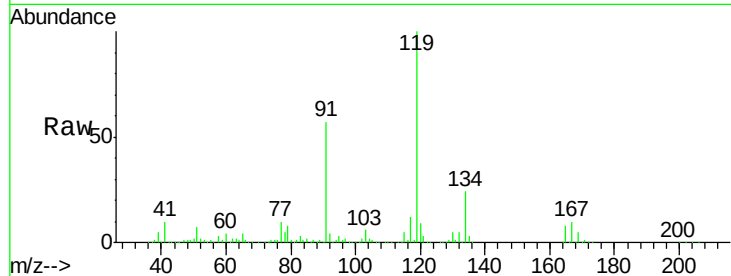
#83
 tert-Butylbenzene
 Concen: 50.89 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	745979		
91	55.4	30.3	90.9	
134	23.6	11.7	35.1	

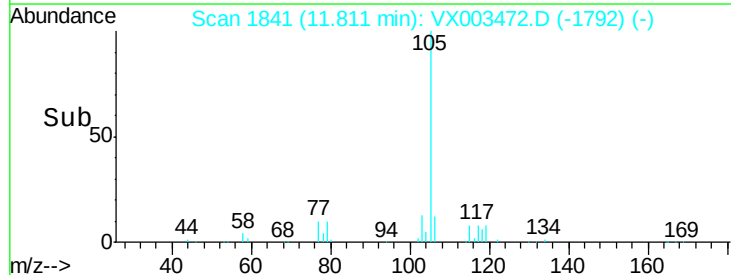
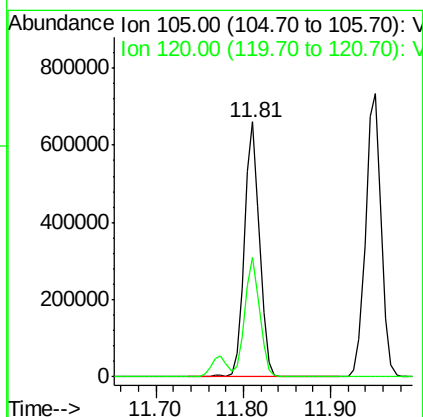
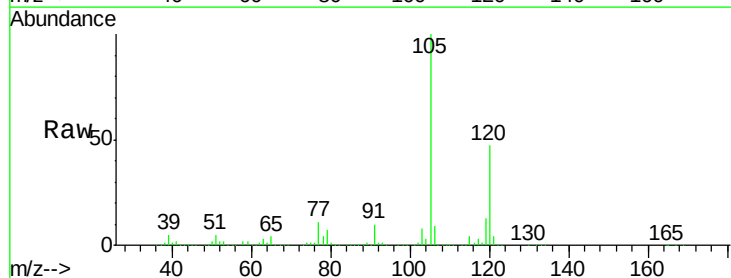
Manual Integrations
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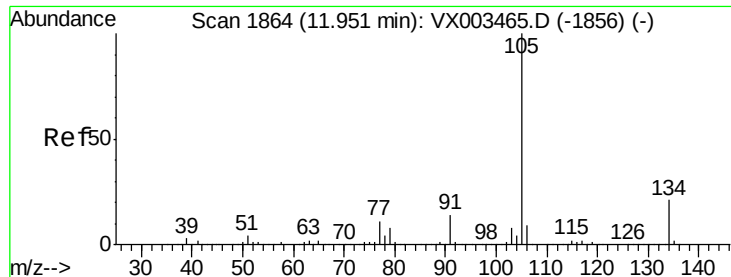
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	789919		
120	46.4	22.3	66.8	





#85

sec-Butylbenzene

Concen: 51.40 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 915209

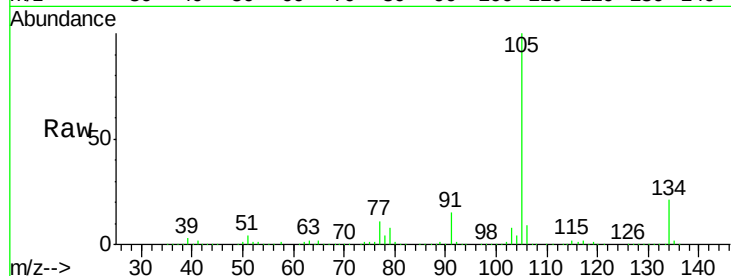
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

800000

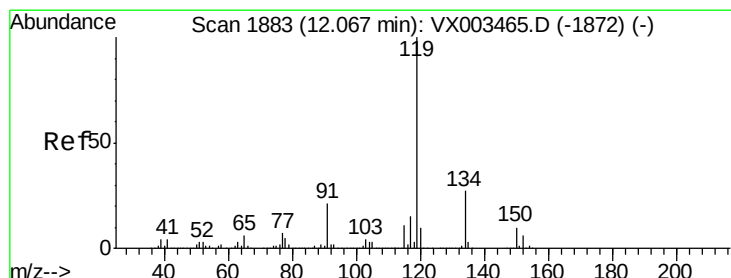
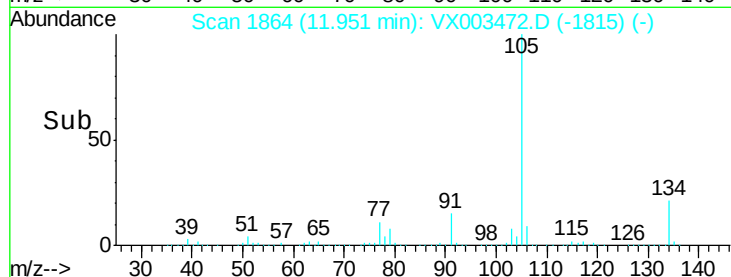
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003472.D

Acq: 19 Jul 2018 19:15

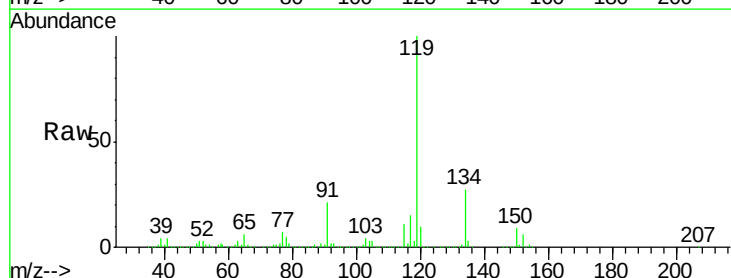
Tgt Ion:119 Resp: 832263

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 21.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

1000000

800000

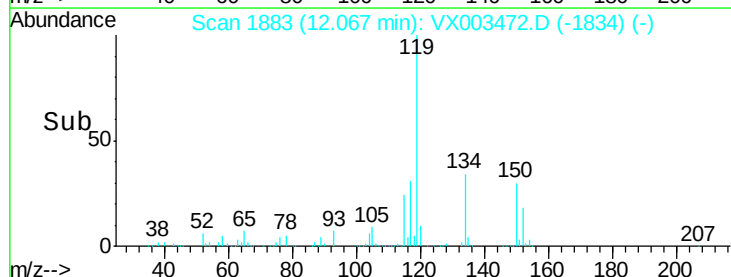
600000

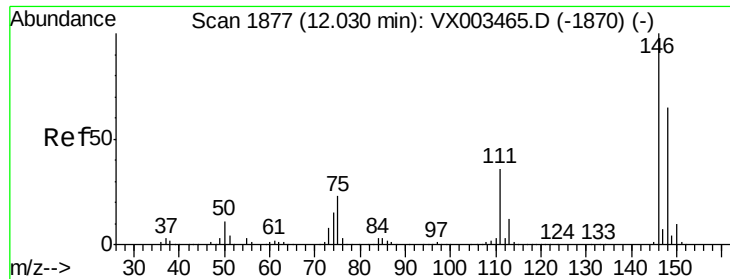
400000

200000

0

Time-->





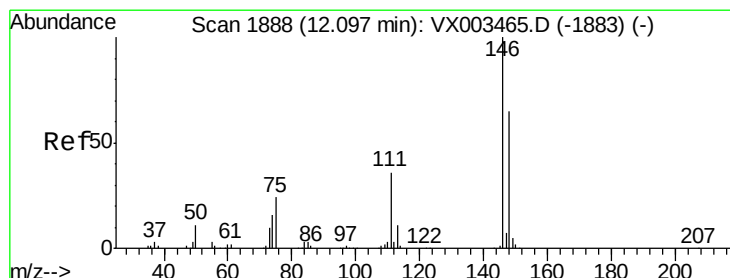
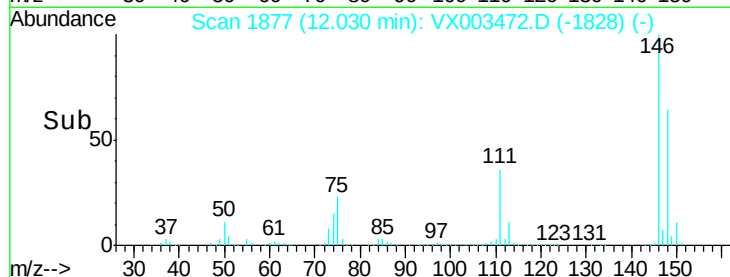
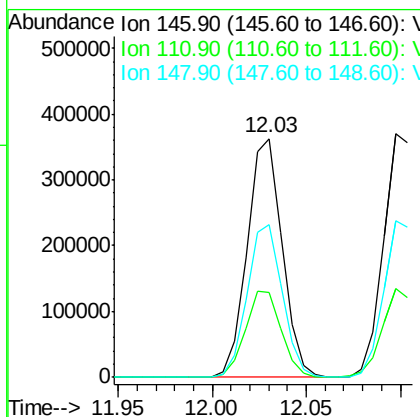
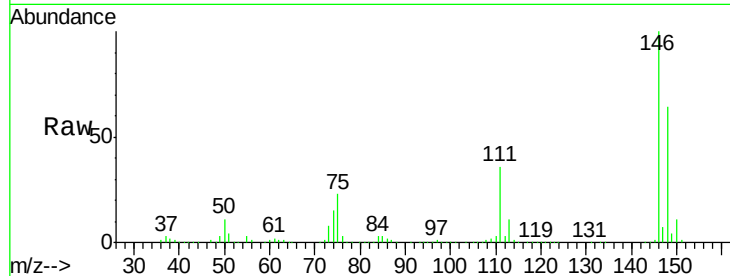
#87
 1,3-Dichlorobenzene
 Concen: 48.45 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.4	32.1	96.3

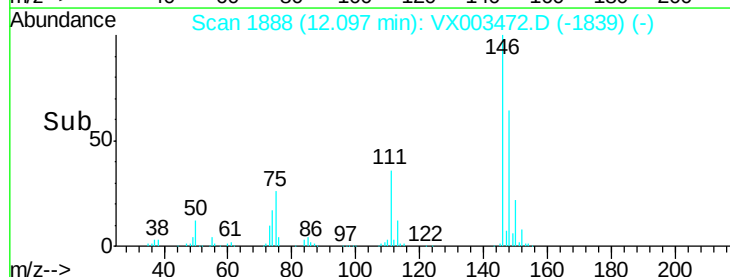
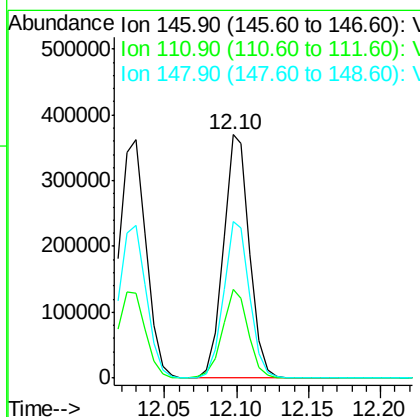
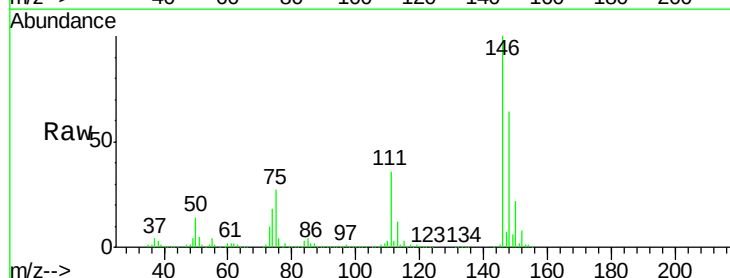
Manual Integrations
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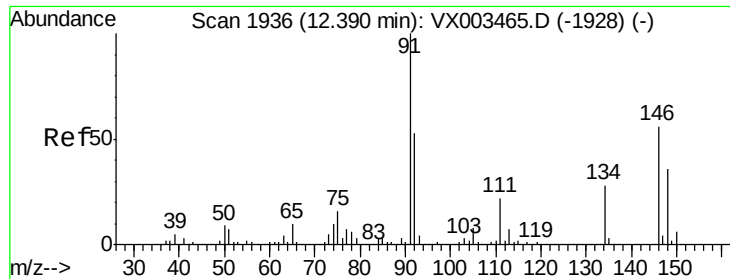
MMDadoda
 7/20/2018 5:22:13 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.32 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	64.4	32.4	97.0





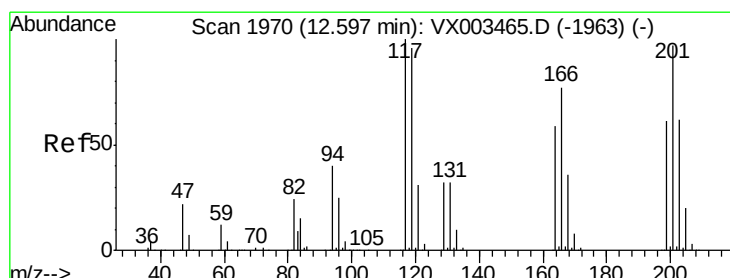
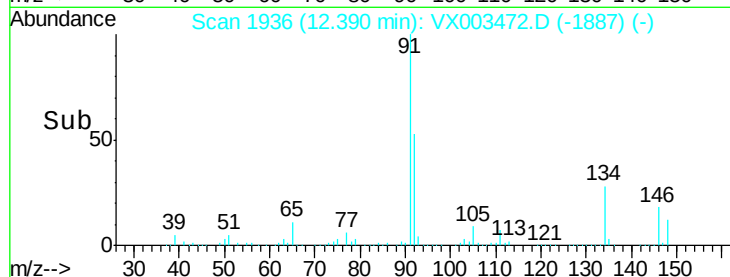
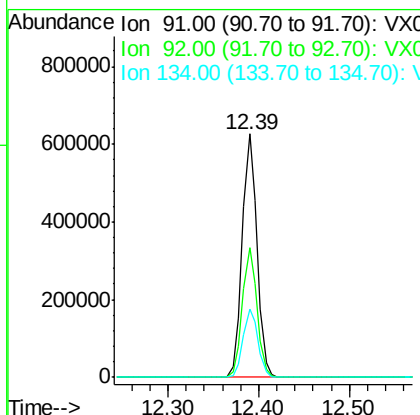
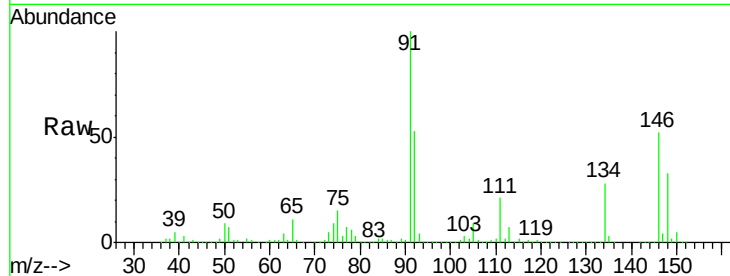
#89
n-Butylbenzene
Concen: 52.08 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.0	78.0
134	28.2	13.5	40.5

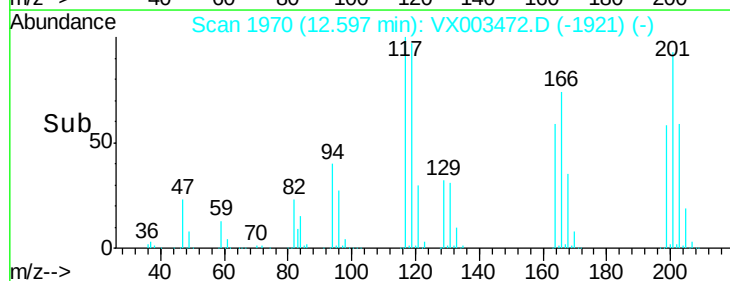
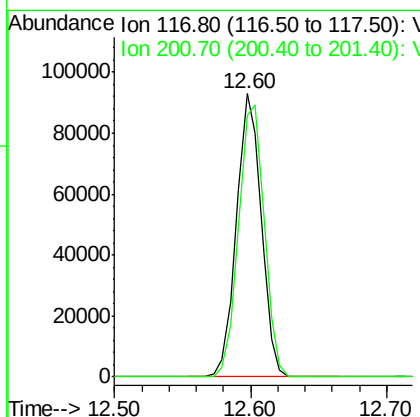
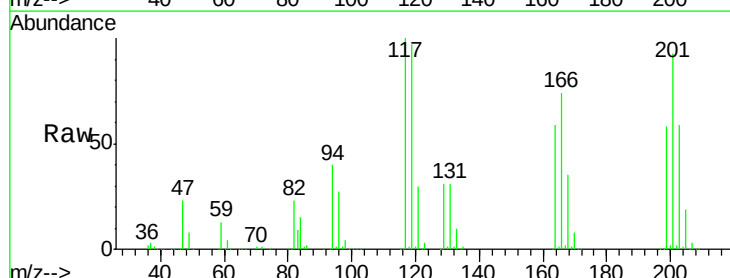
Manual Integrations
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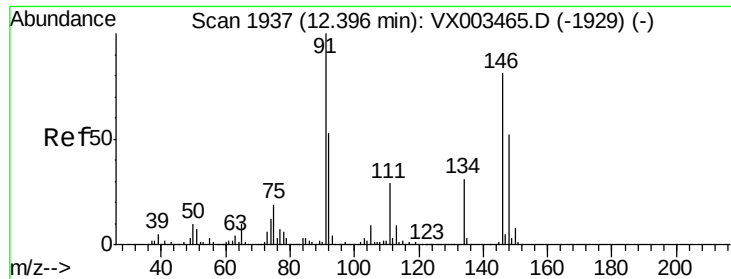
MMDadoda
7/20/2018 5:22:13 PM



#90
Hexachloroethane
Concen: 51.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.8	49.0	147.0





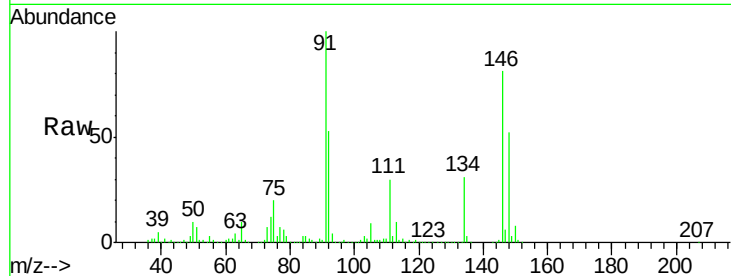
#91
 1,2-Dichlorobenzene
 Concen: 48.68 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

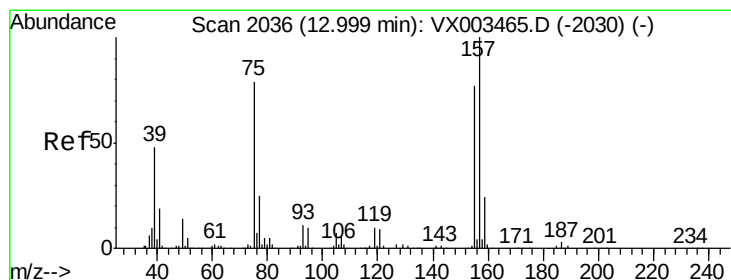
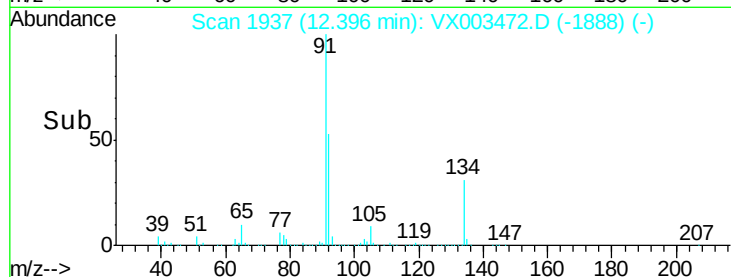
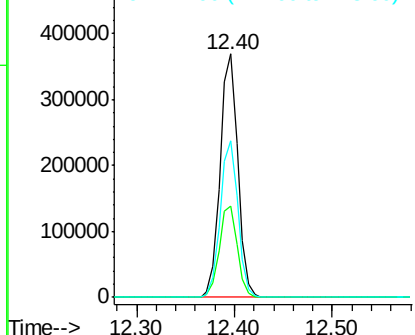
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.3	31.7	95.1

Manual Integrations
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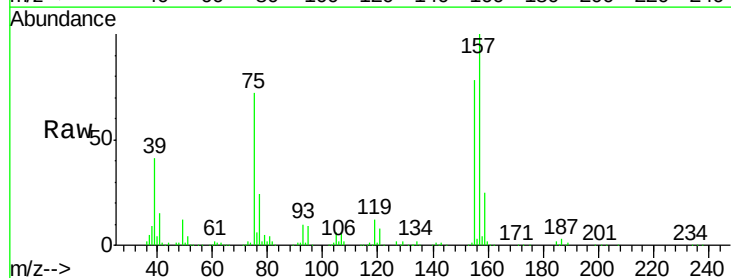


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

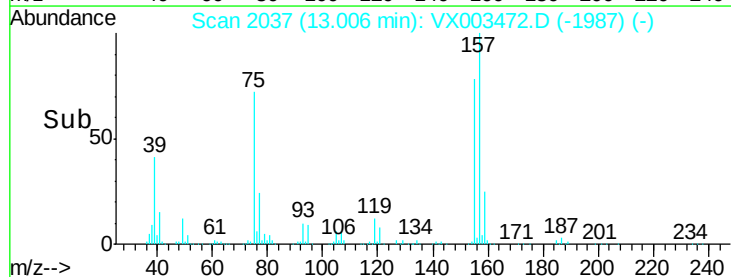
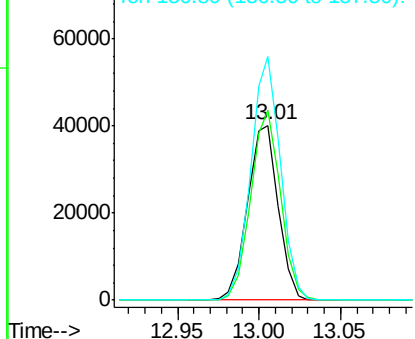


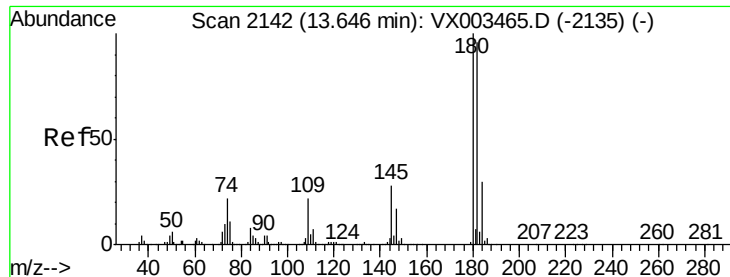
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.62 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.2	45.8	137.4
157	134.4	60.1	180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





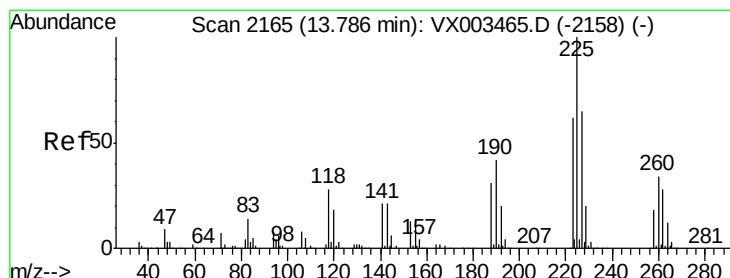
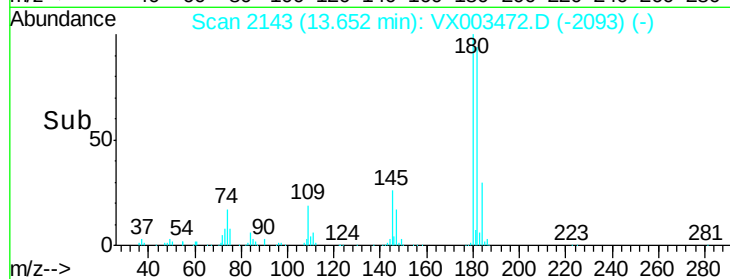
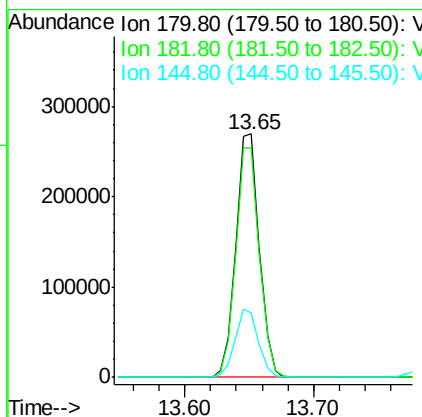
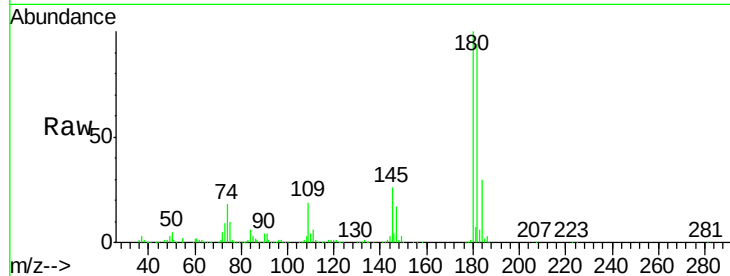
#93
 1,2,4-Trichlorobenzene
 Concen: 49.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	341615		
182	94.9	47.7	143.1	
145	27.6	14.1	42.4	

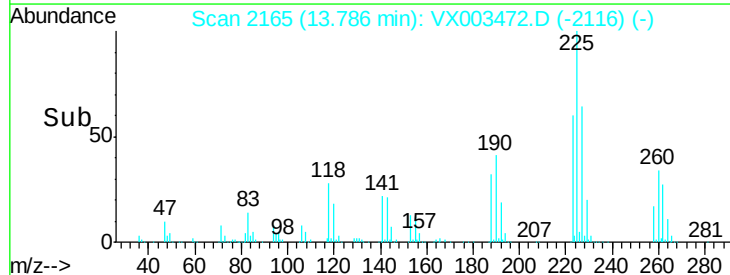
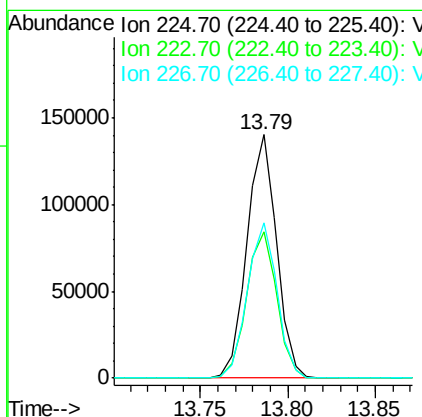
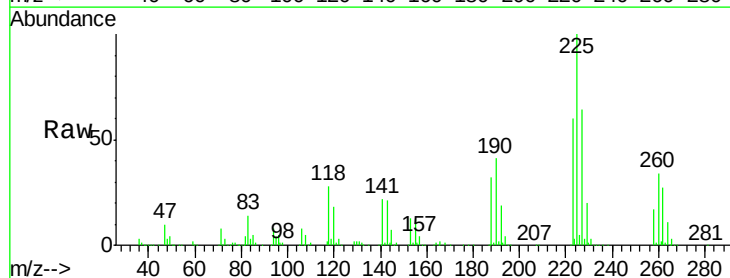
Manual Integrations
 APPROVED

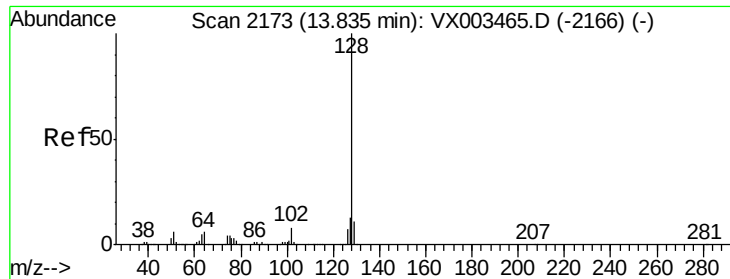
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.36 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003472.D
 Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165137		
223	61.3	31.6	95.0	
227	63.9	32.4	97.2	





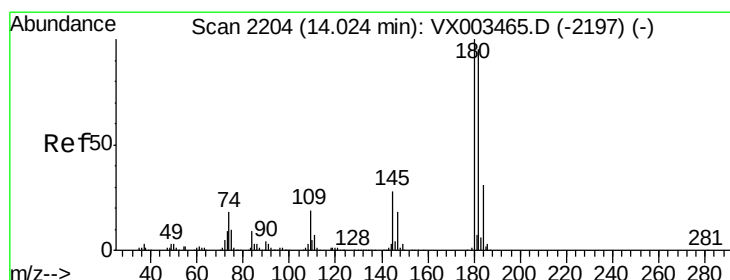
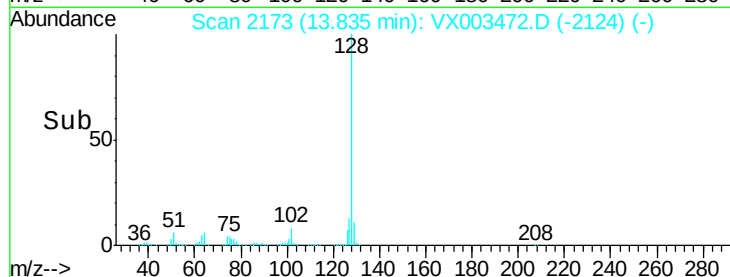
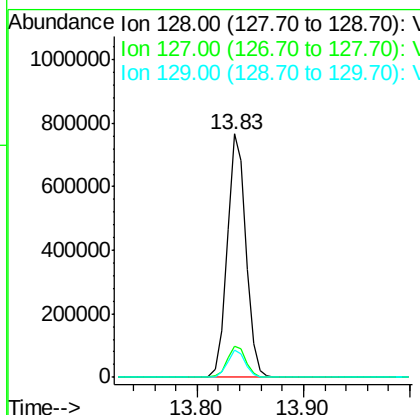
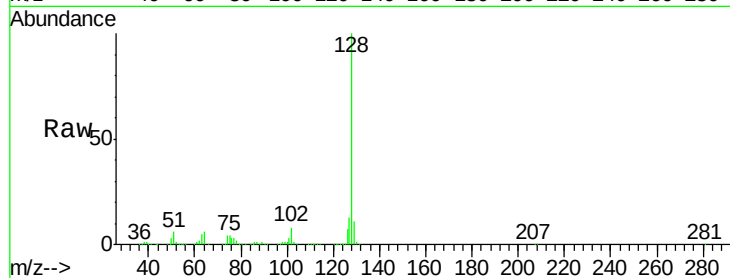
#95
Naphthalene
Concen: 51.32 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/20/2018 5:22:13 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.43 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003472.D
Acq: 19 Jul 2018 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.0
145	28.9	14.8	44.3

