

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003096.D
 Acq On : 30 Jun 2018 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/2/2018 4:19:44 PM

Quant Time: Jul 02 05:15:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168347	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	5.51	113	140272	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.72	98	494178	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
62) 4-Bromofluorobenzene	11.14	95	194779	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	139441	56.03	ug/l	98
3) Chloromethane	1.32	50	136069	52.69	ug/l	99
4) Vinyl Chloride	1.40	62	154702	49.05	ug/l	96
5) Bromomethane	1.64	94	78817	53.74	ug/l	99
6) Chloroethane	1.72	64	98258	53.24	ug/l	100
7) Trichlorofluoromethane	1.92	101	242399	45.56	ug/l	99
8) Diethyl Ether	2.19	74	91793	47.46	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136775	44.37	ug/l	97
10) Methyl Iodide	2.51	142	154459	49.48	ug/l	97
11) Tert butyl alcohol	3.09	59	179040	233.15	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128261	46.63	ug/l	92
13) Acrolein	2.29	56	75897	179.49	ug/l	97
14) Allyl chloride	2.73	41	246746	45.51	ug/l	95
15) Acrylonitrile	3.15	53	407472	248.42	ug/l	99
16) Acetone	2.45	43	366713	229.71	ug/l	96
17) Carbon Disulfide	2.57	76	327124	44.64	ug/l	98
18) Methyl Acetate	2.78	43	200825	44.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	467307	47.26	ug/l	100
20) Methylene Chloride	2.86	84	145134	46.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	138818	46.34	ug/l	93
22) Diisopropyl ether	3.88	45	517814	49.96	ug/l	99
23) Vinyl Acetate	3.83	43	2213191	252.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	266297	47.27	ug/l	98
25) 2-Butanone	4.71	43	601635	253.94	ug/l	98
26) 2,2-Dichloropropane	4.59	77	148370	32.39	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	166094	49.45	ug/l	91
28) Bromochloromethane	5.03	49	124672	46.24	ug/l	91
29) Tetrahydrofuran	5.17	42	384653	253.17	ug/l	97
30) Chloroform	5.22	83	279710	48.38	ug/l	99
31) Cyclohexane	5.57	56	226462	46.84	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	247367	48.63	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199985	47.84	ug/l	99
37) Ethyl Acetate	4.87	43	230353	51.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	220071	47.98	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219090	45.00	ug/l	97
40) Benzene	6.15	78	594241	48.93	ug/l	98
41) Methacrylonitrile	5.07	41	130634	50.40	ug/l	98
42) 1,2-Dichloroethane	6.20	62	229353	46.75	ug/l	99
43) Isopropyl Acetate	6.47	43	372300	49.32	ug/l	98
44) Trichloroethene	7.22	130	174253	48.12	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158176	49.10	ug/l	100
46) Dibromomethane	7.67	93	107030	47.87	ug/l	95
47) Bromodichloromethane	7.90	83	206481	49.95	ug/l	99
48) Methyl methacrylate	7.78	41	191495	49.24	ug/l	95
49) 1,4-Dioxane	7.76	88	78814	1041.56	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1216453	257.58	ug/l	98
52) Toluene	8.79	92	384602	49.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228718	48.86	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	212273	47.13	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	159775	49.97	ug/l	98
56) Ethyl methacrylate	9.18	69	245341	52.51	ug/l	94
57) 1,3-Dichloropropane	9.38	76	262364	49.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	587909	260.79	ug/l	97
59) 2-Hexanone	9.50	43	925185	257.77	ug/l	96
60) Dibromochloromethane	9.59	129	173630	51.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	170169	50.74	ug/l	100
64) Tetrachloroethene	9.34	164	202120	49.69	ug/l	97
65) Chlorobenzene	10.14	112	447933	48.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169114	50.10	ug/l	99
67) Ethyl Benzene	10.26	91	754685	49.17	ug/l	100
68) m/p-Xylenes	10.36	106	590669	99.85	ug/l	98
69) o-Xylene	10.70	106	285972	49.65	ug/l	100
70) Styrene	10.71	104	485841	51.91	ug/l	99
71) Bromoform	10.86	173	137370	45.43	ug/l #	99
73) Isopropylbenzene	11.02	105	782630	50.80	ug/l	100
74) N-amyl acetate	6.47	43	372300	49.39	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	242422	51.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	237485m	57.25	ug/l	
77) Bromobenzene	11.26	156	219186	49.96	ug/l	97
78) n-propylbenzene	11.37	91	872141	49.74	ug/l	99
79) 2-Chlorotoluene	11.43	91	525177	49.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	653316	50.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58451	41.50	ug/l	99
82) 4-Chlorotoluene	11.51	91	619370	49.28	ug/l	98
83) tert-Butylbenzene	11.77	119	645125	50.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	675394	50.24	ug/l	98
85) sec-Butylbenzene	11.95	105	764375	49.27	ug/l	99
86) p-Isopropyltoluene	12.07	119	696728	49.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393249	49.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	400386	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	575592	47.42	ug/l	99
90) Hexachloroethane	12.60	117	100679	48.53	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	399122	49.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53831	50.46	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289809	49.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	139182	47.41	ug/l	98
95) Naphthalene	13.84	128	837870	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295888	50.33	ug/l	99

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

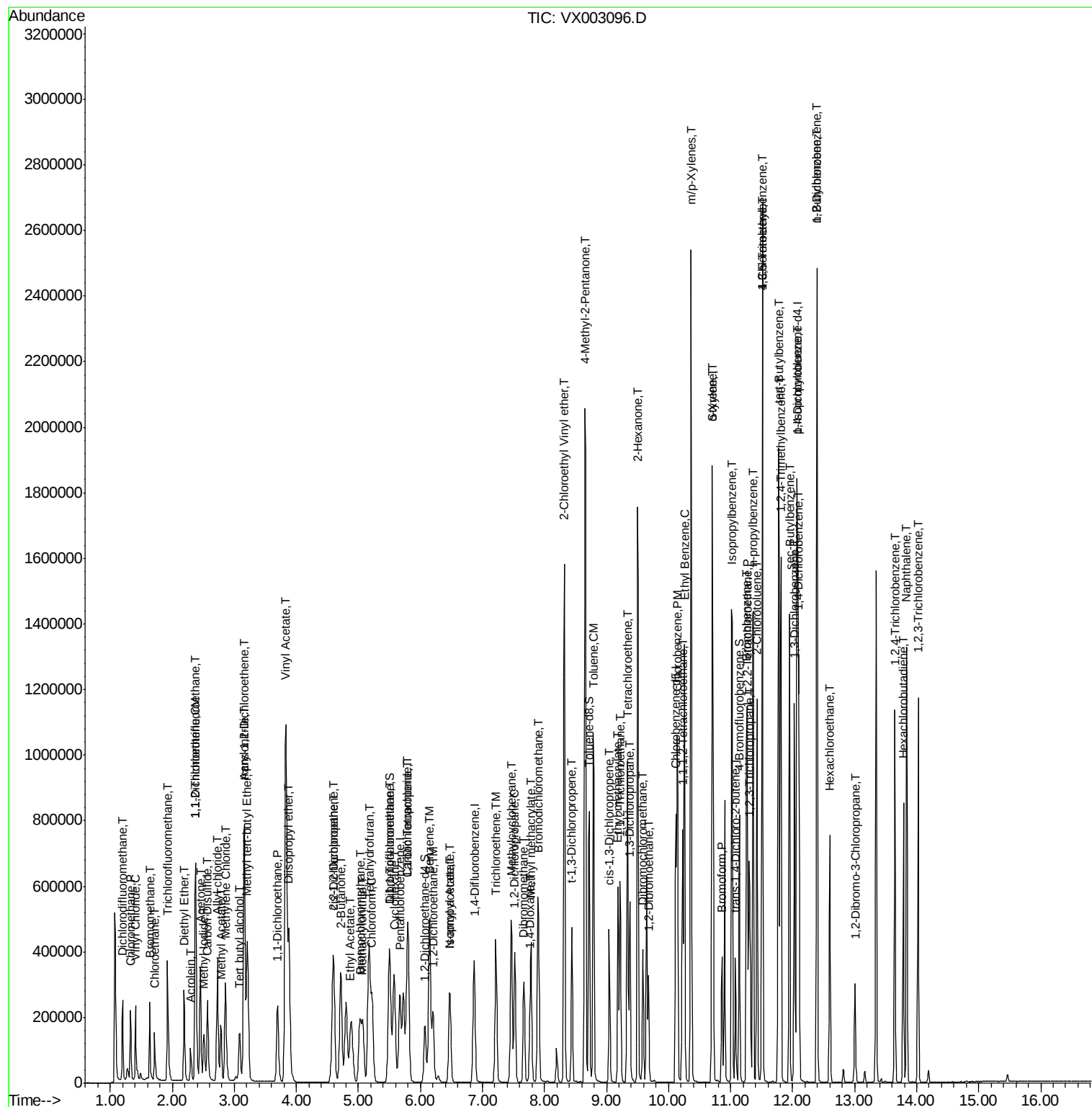
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
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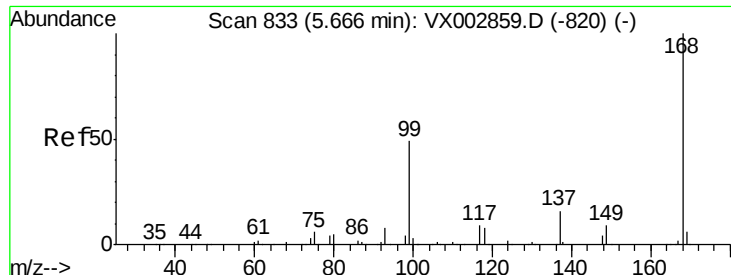
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 278895

Ion Ratio Lower Upper

168 100

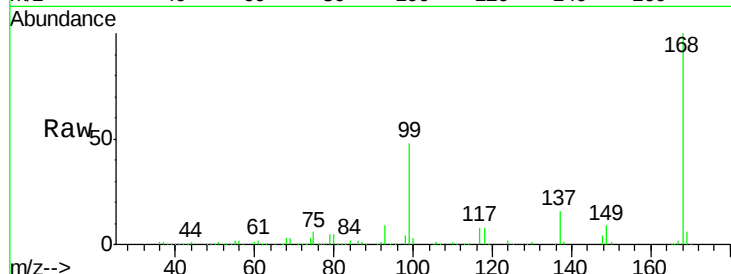
99 47.8 39.3 58.9

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

80000

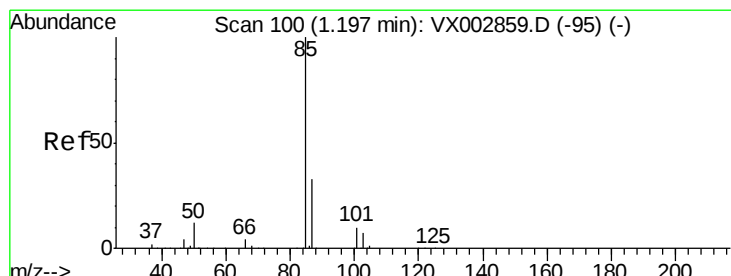
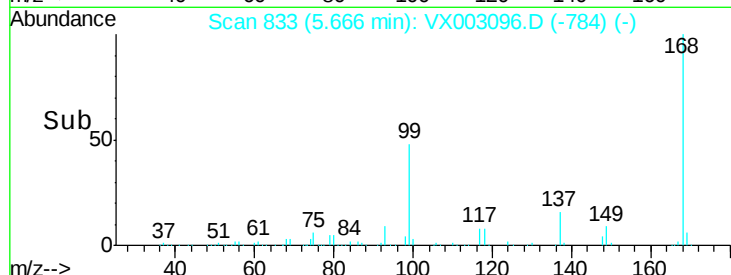
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003096.D

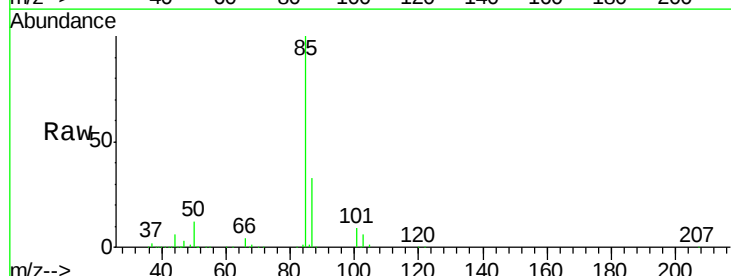
Acq: 30 Jun 2018 23:48

Tgt Ion: 85 Resp: 139441

Ion Ratio Lower Upper

85 100

87 32.8 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

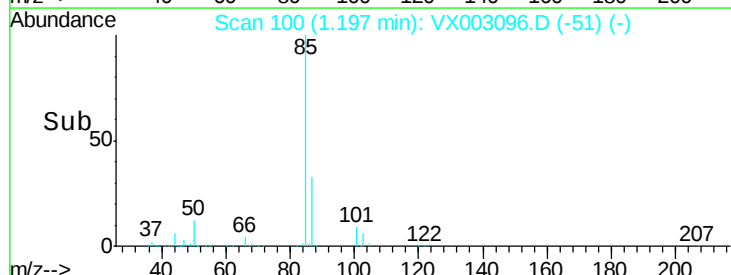
150000

100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 52.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 136069

Ion Ratio Lower Upper

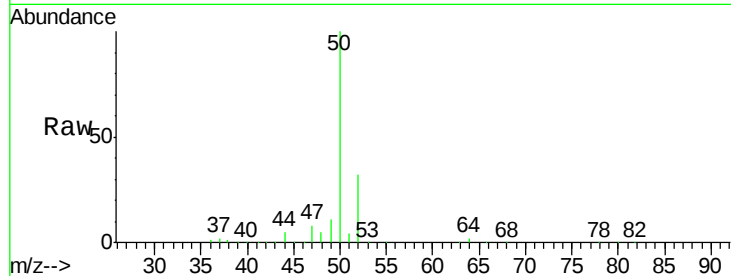
50 100

52 32.4 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

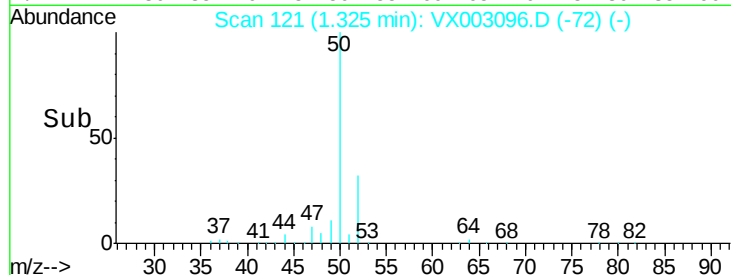
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100000

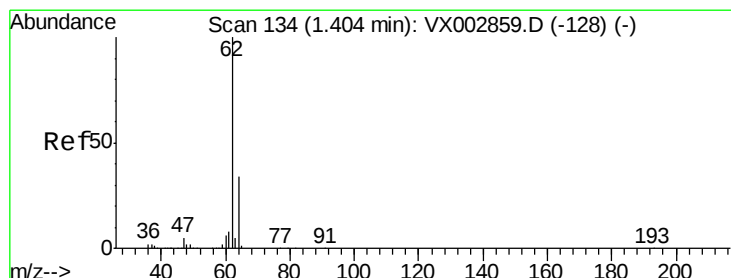
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 49.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003096.D

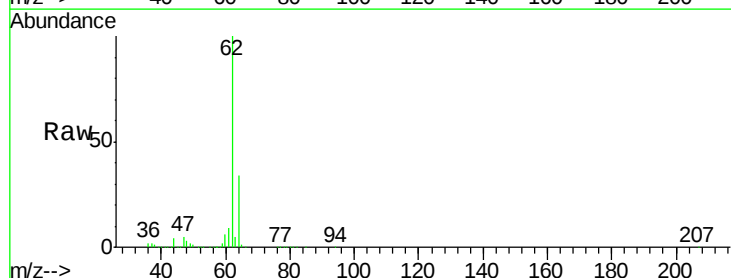
Acq: 30 Jun 2018 23:48

Tgt Ion: 62 Resp: 154702

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

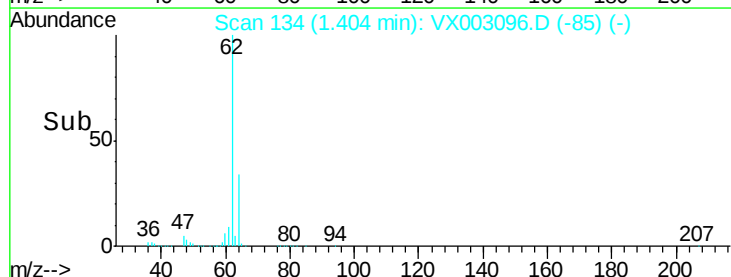
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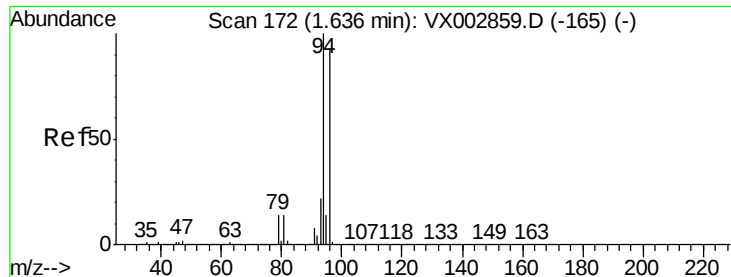
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 53.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78817

Ion Ratio Lower Upper

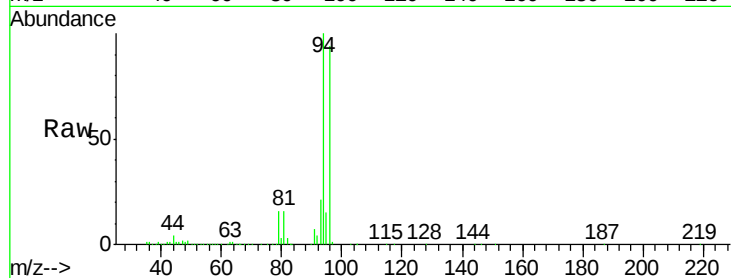
94 100

96 94.3 74.9 112.3

Manual Integrations
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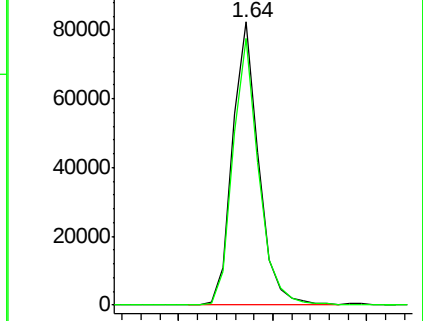
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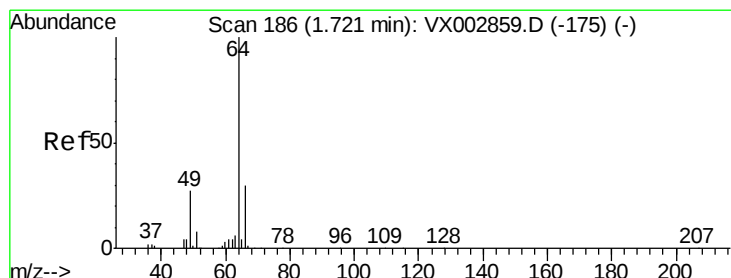
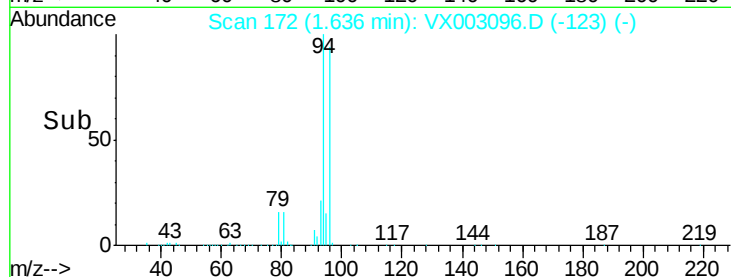


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 53.24 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003096.D

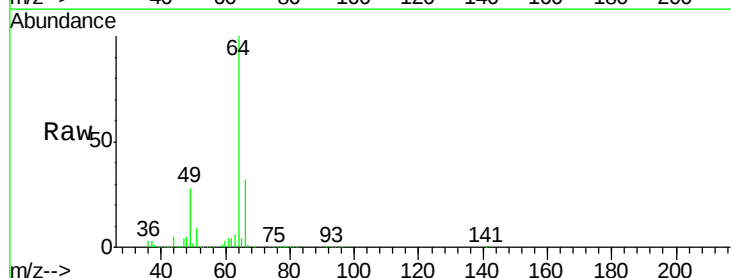
Acq: 30 Jun 2018 23:48

Tgt Ion: 64 Resp: 98258

Ion Ratio Lower Upper

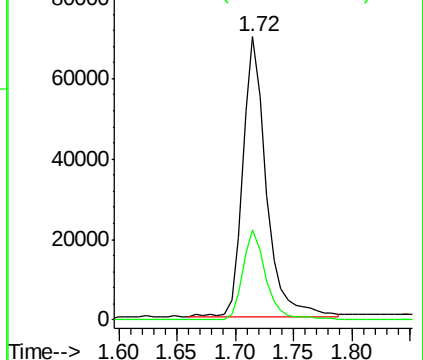
64 100

66 31.9 25.5 38.3

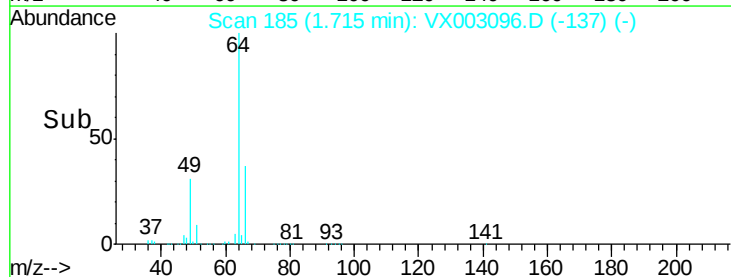


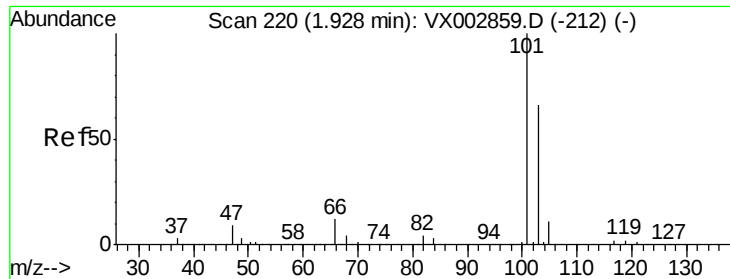
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

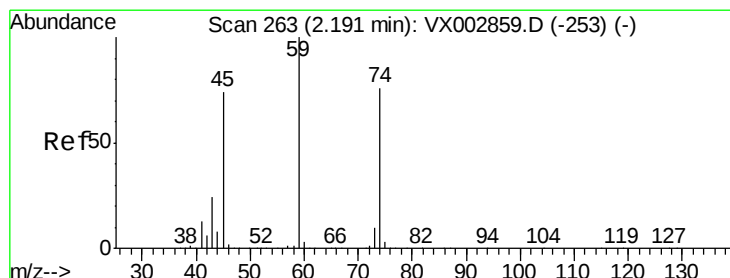
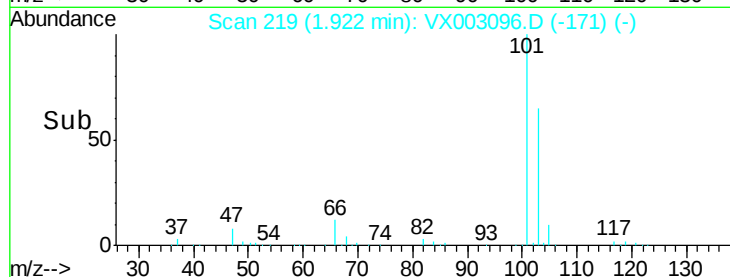
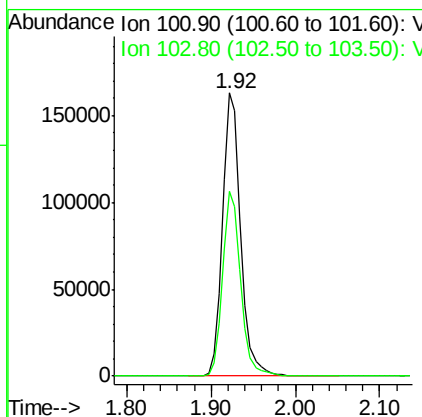
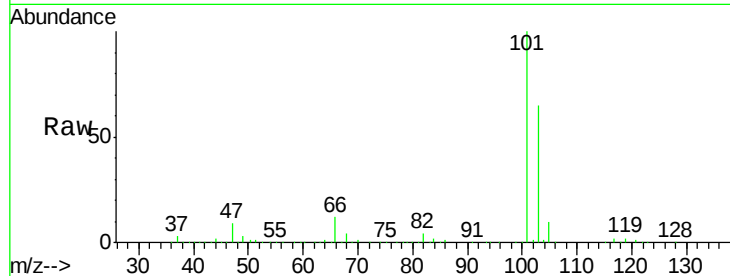
Trichlorofluoromethane
 Concen: 45.56 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.8	79.2

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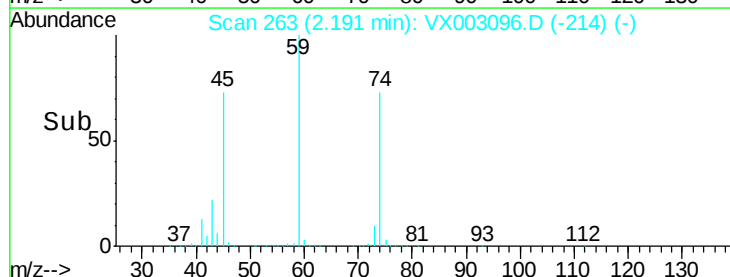
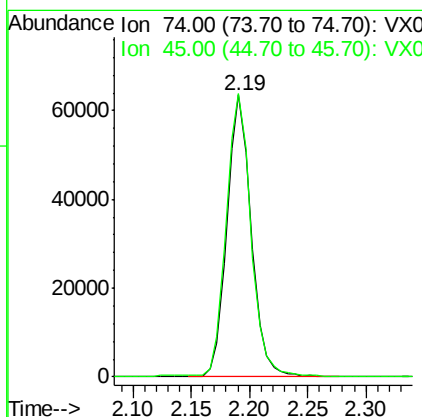
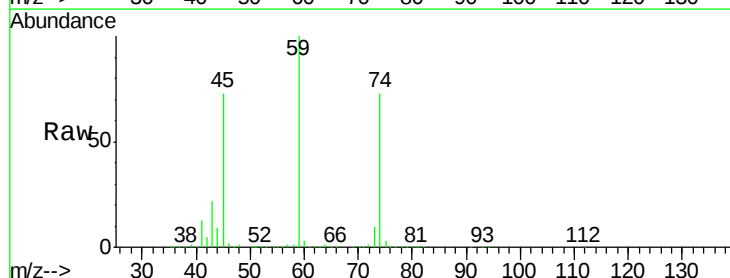
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#8

Diethyl Ether
 Concen: 47.46 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.37 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

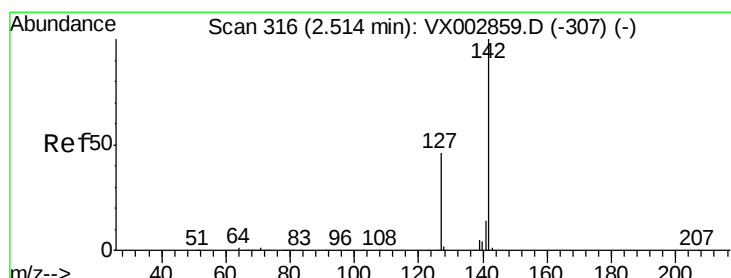
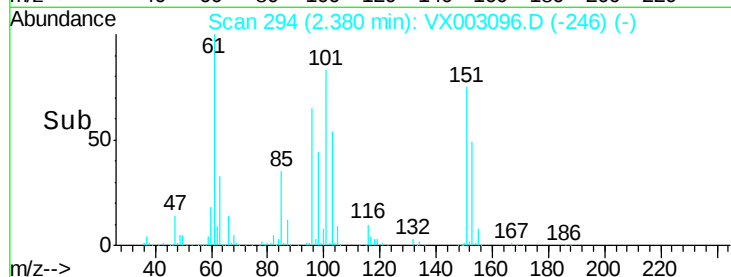
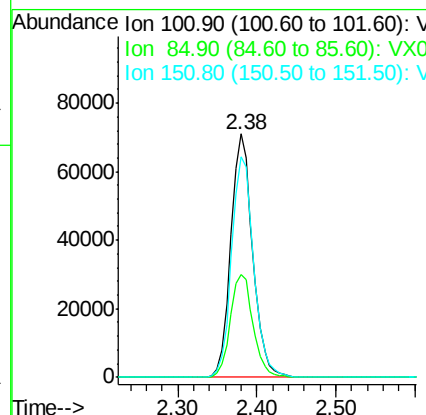
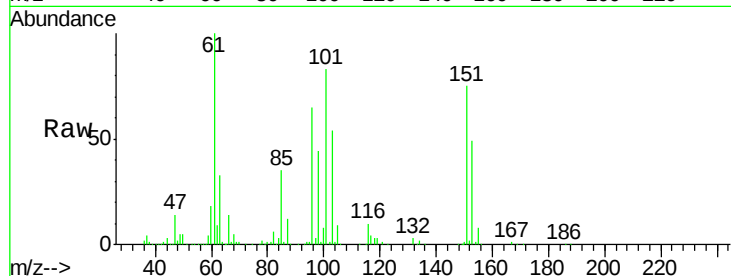
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	136775
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	91.7	70.9	106.3

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#10

Methyl Iodide

Concen: 49.48 ug/l

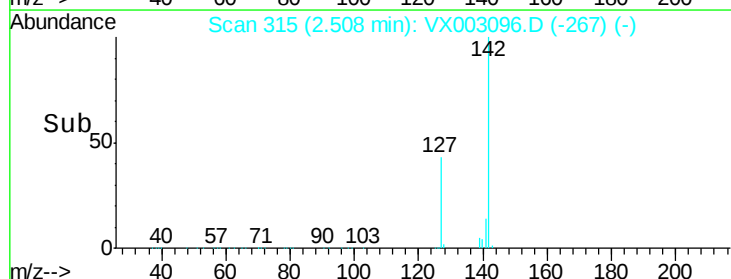
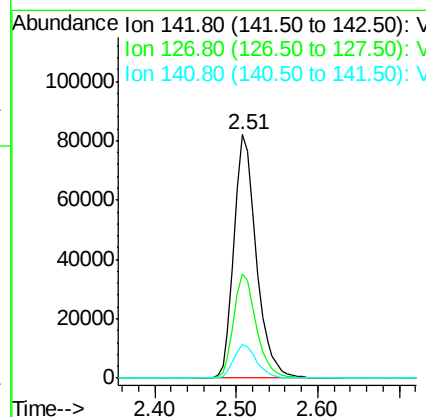
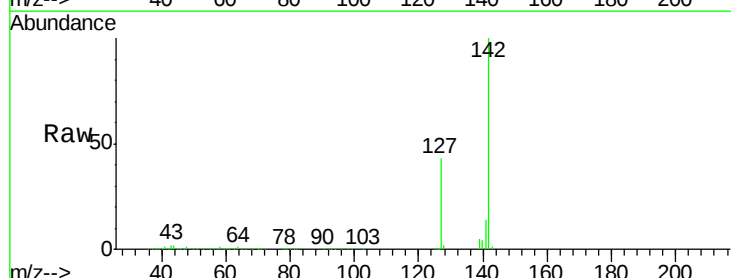
RT: 2.51 min Scan# 315

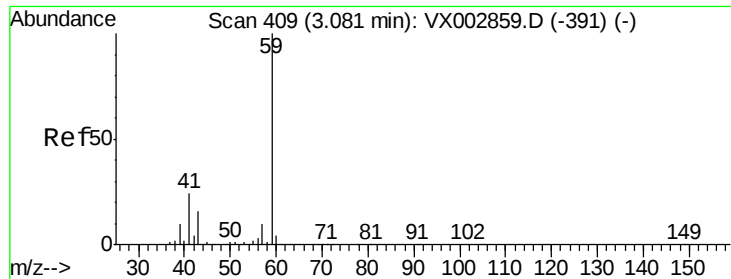
Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	142	Resp:	154459
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.6	55.0
141	14.2	11.3	16.9





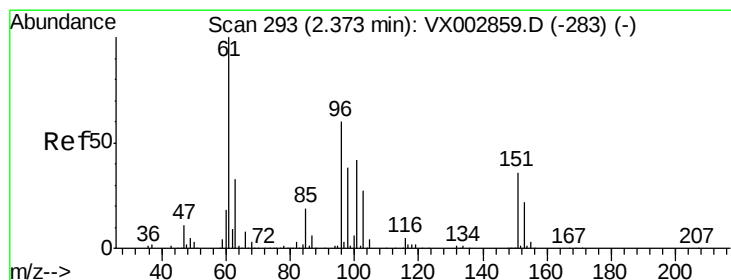
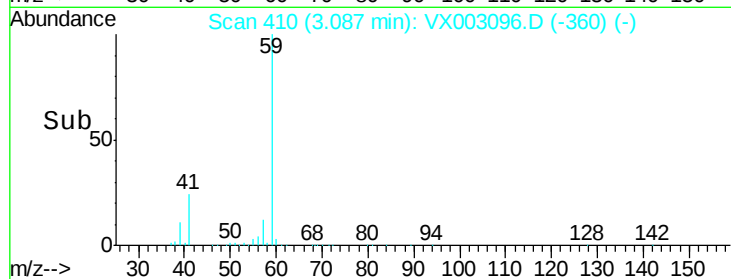
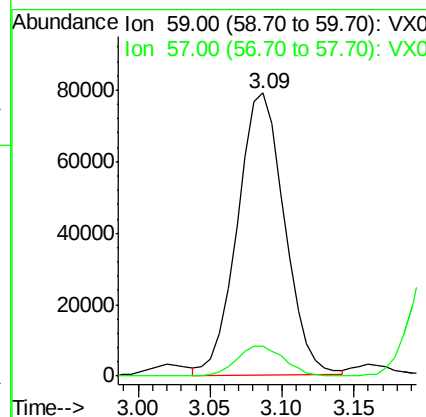
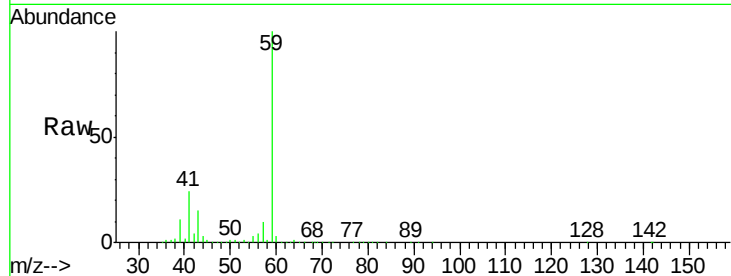
#11
Tert butyl alcohol
Concen: 233.15 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	59	Resp	179040
Ion Ratio	100	Lower	Upper
57	11.0	8.2	12.2

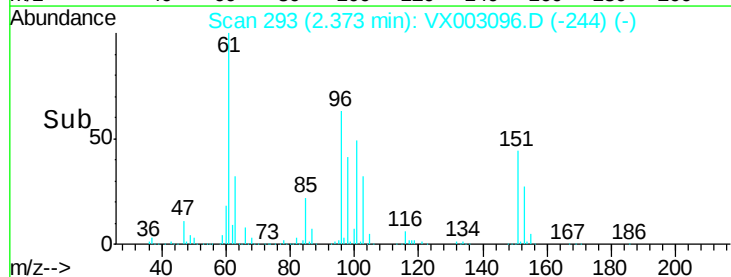
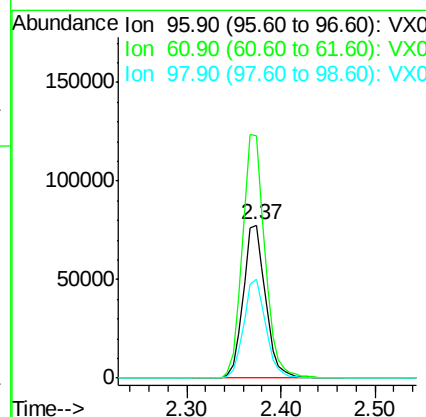
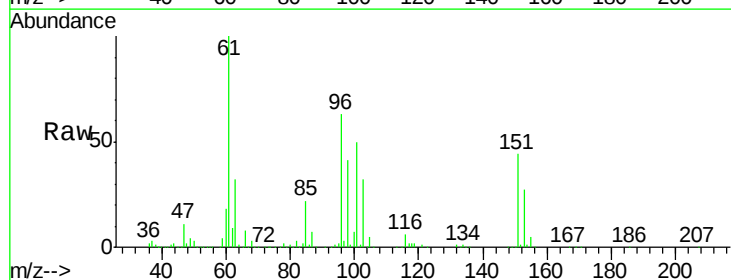
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 46.63 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	96	Resp	128261
Ion Ratio	100	Lower	Upper
61	158.1	137.9	206.9
98	64.2	51.6	77.4





#13

Acrolein

Concen: 179.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75897

Ion Ratio Lower Upper

56 100

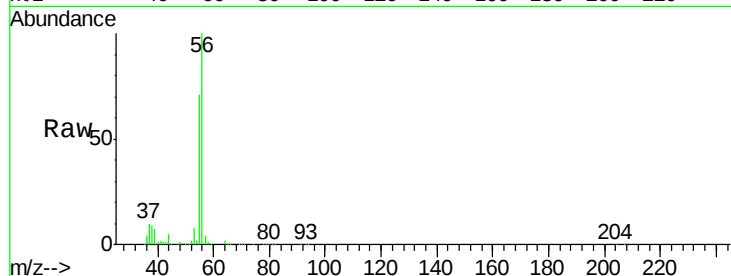
55 68.9 57.0 85.4

Manual Integrations

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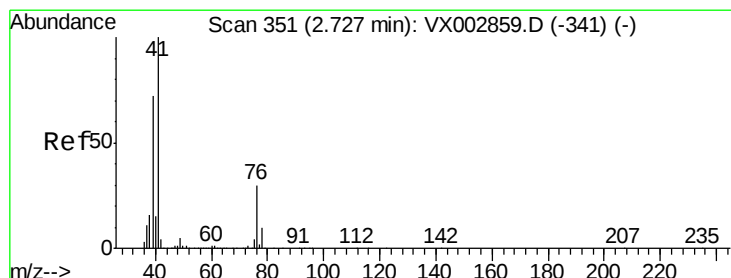
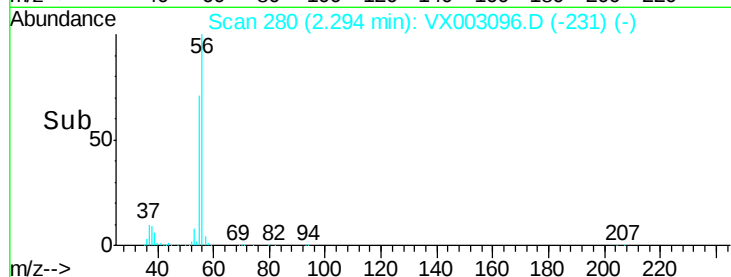
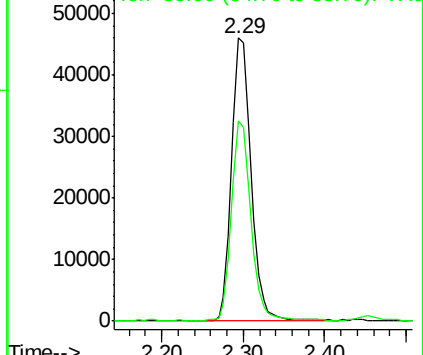
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.51 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

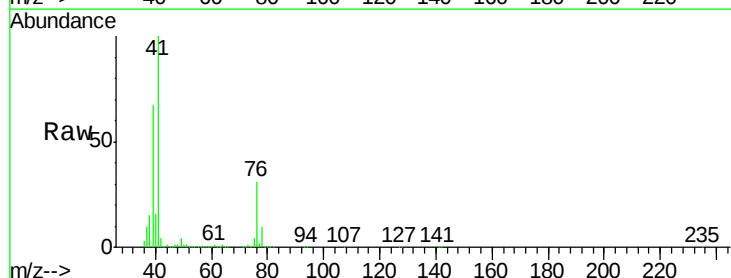
Tgt Ion: 41 Resp: 246746

Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

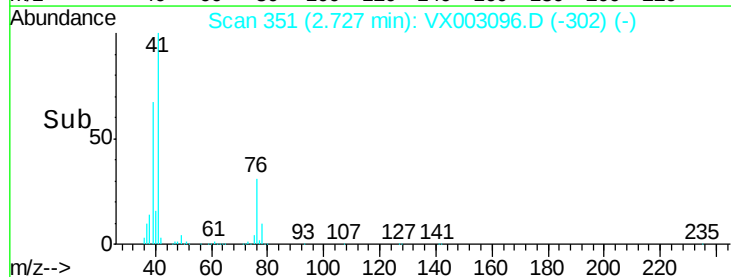
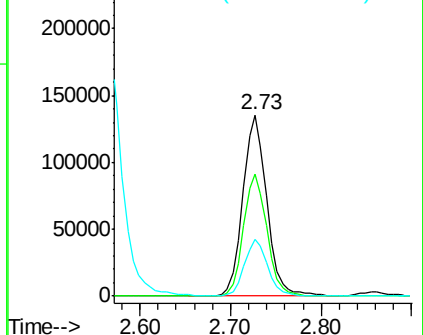
76 30.4 23.8 35.8

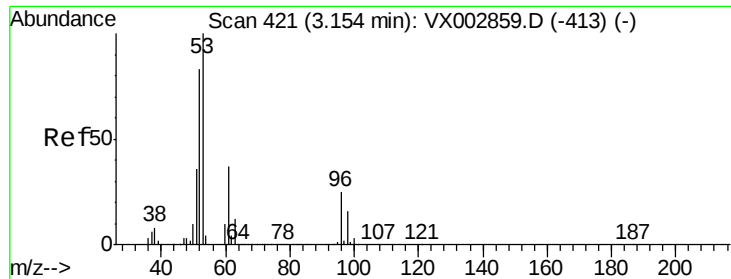


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 248.42 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

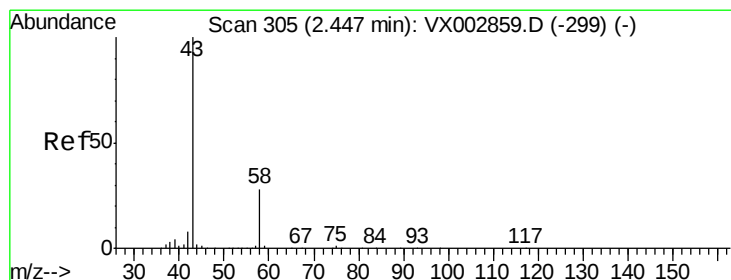
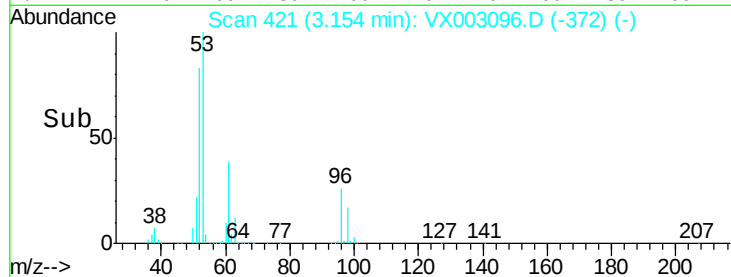
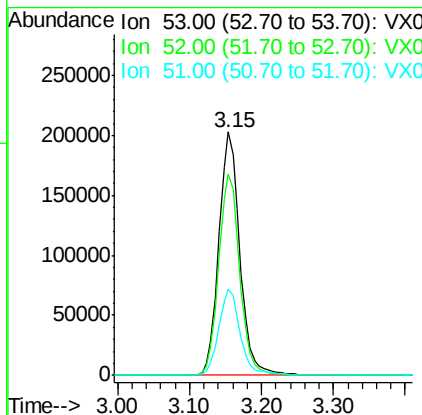
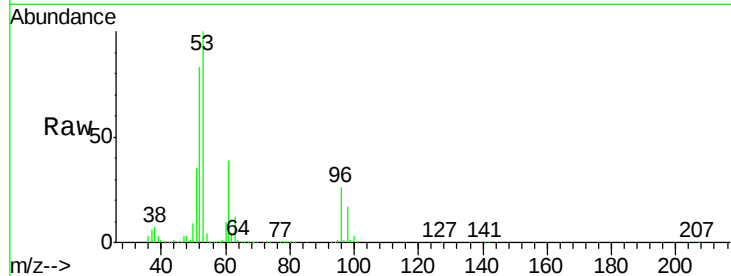
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	407472
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.7	100.1
51	36.1	29.9	44.9

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#16

Acetone

Concen: 229.71 ug/l

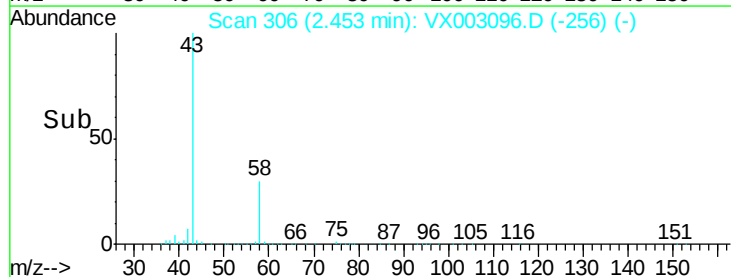
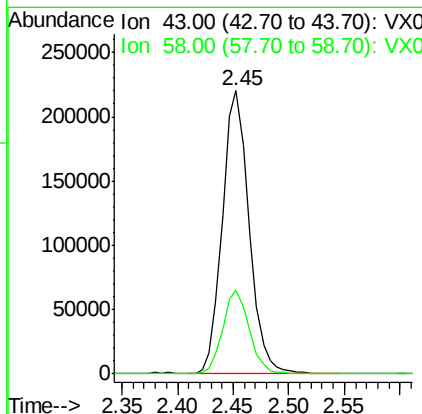
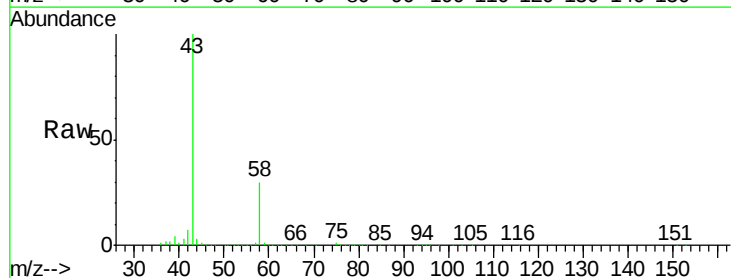
RT: 2.45 min Scan# 306

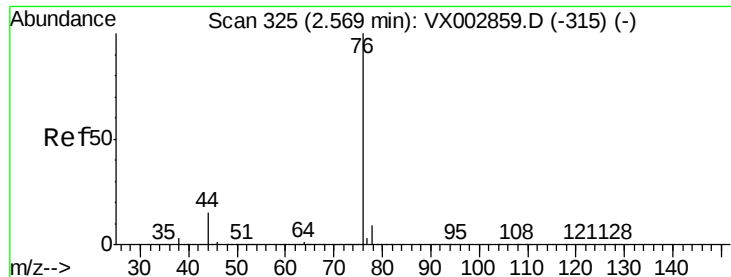
Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	43	Resp:	366713
Ion Ratio	Lower	Upper	
43	100		
58	29.5	22.1	33.1





#17

Carbon Disulfide

Concen: 44.64 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 327124

Ion Ratio Lower Upper

76 100

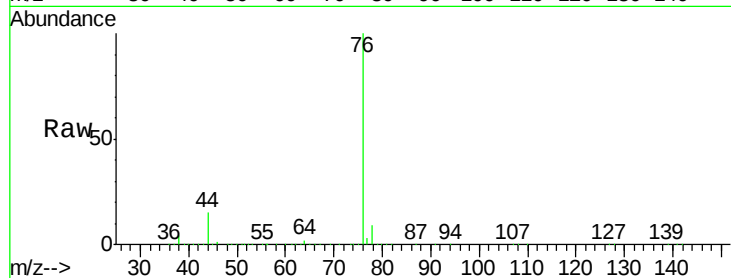
78 9.2 6.9 10.3

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

200000

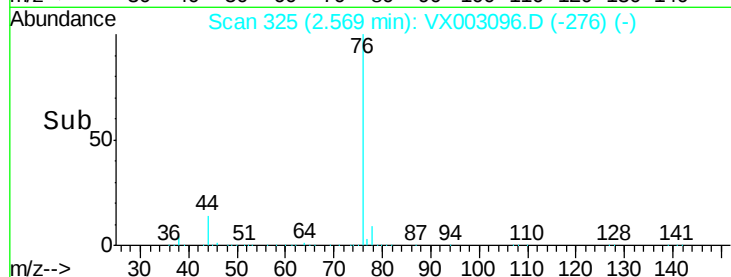
150000

100000

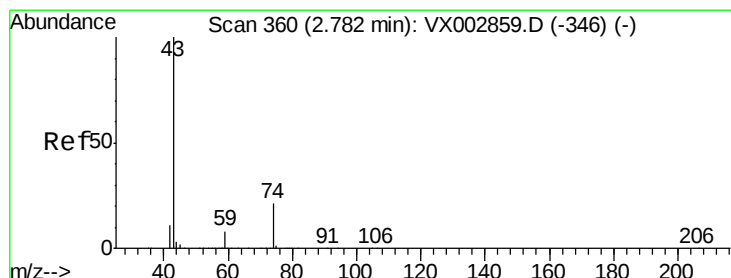
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 44.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003096.D

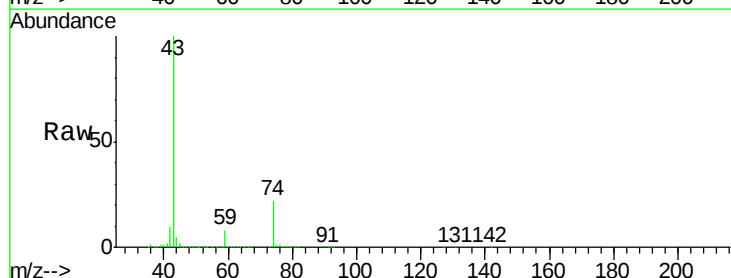
Acq: 30 Jun 2018 23:48

Tgt Ion: 43 Resp: 200825

Ion Ratio Lower Upper

43 100

74 21.5 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

120000

100000

80000

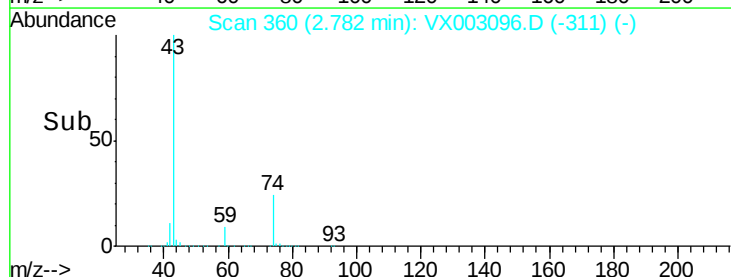
60000

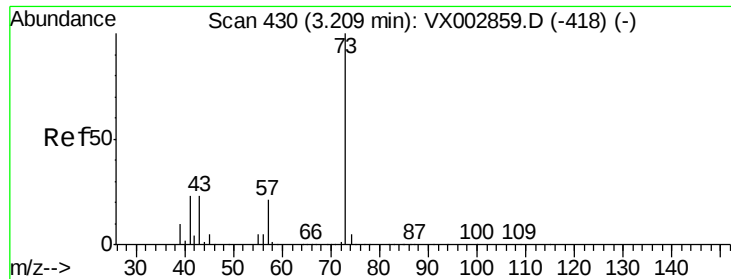
40000

20000

0

Time-->





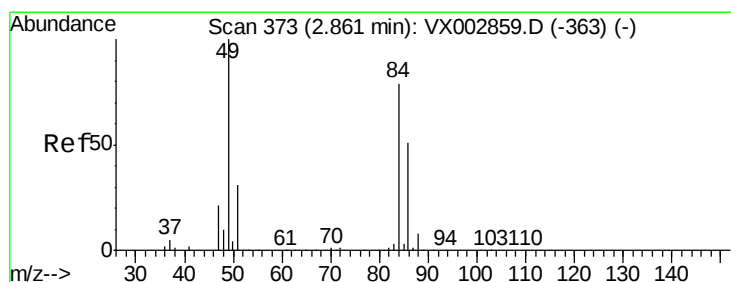
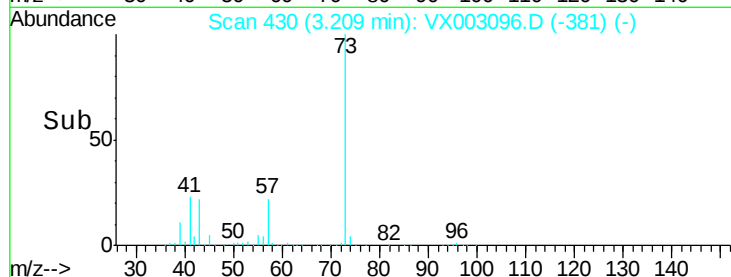
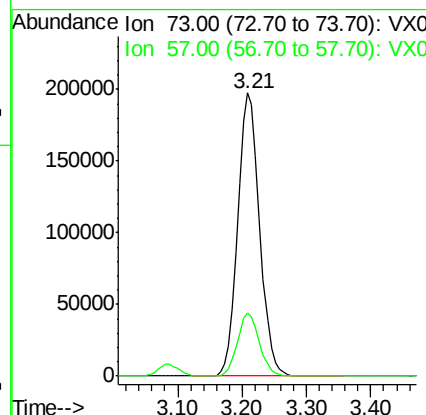
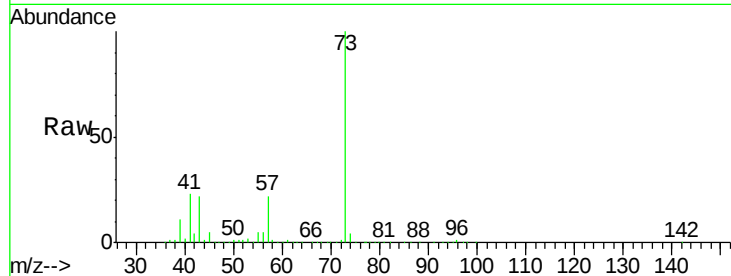
#19
Methvl tert-butvl Ether
Concen: 47.26 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 467307
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

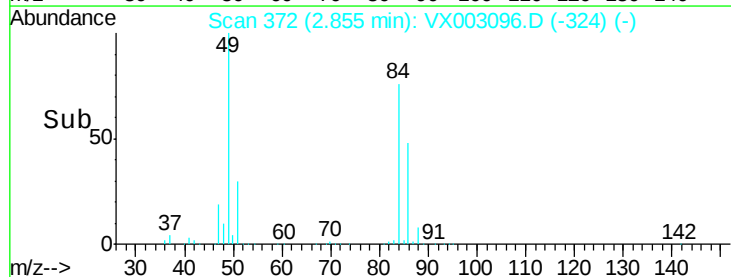
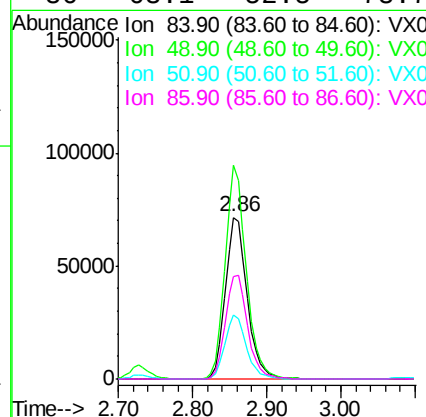
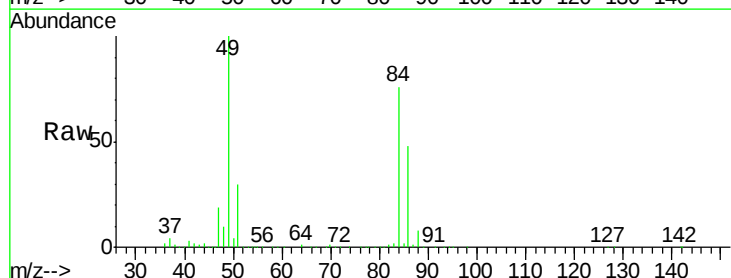
Manual Integrations
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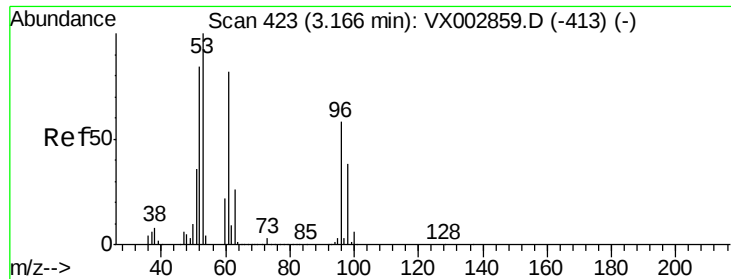
apatel
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#20
Methylene Chloride
Concen: 46.72 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 84 Resp: 145134
Ion Ratio Lower Upper
84 100
49 132.0 107.8 161.6
51 39.1 32.8 49.2
86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

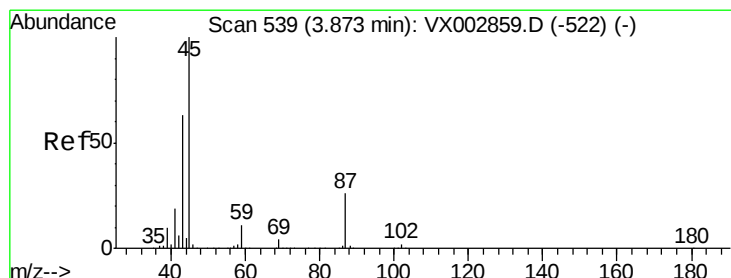
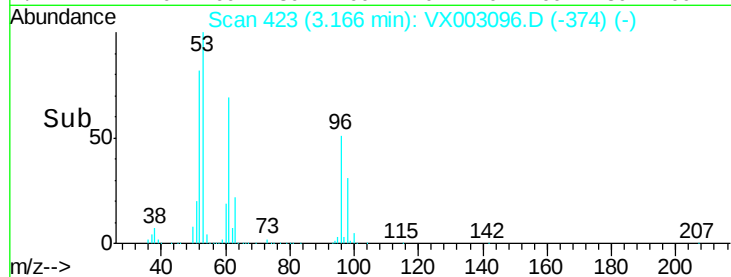
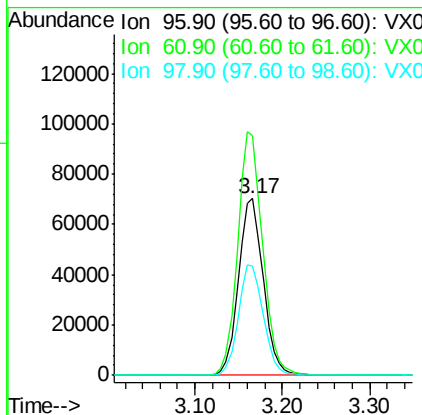
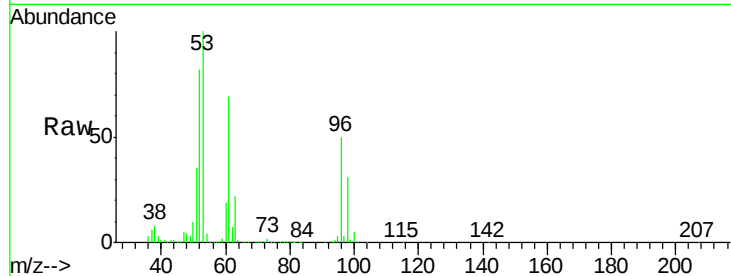
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138818
Ion	Ratio	Lower	Upper
96	100		
61	135.7	117.0	175.4
98	62.0	52.4	78.6

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#22

Diisopropyl ether

Concen: 49.96 ug/l

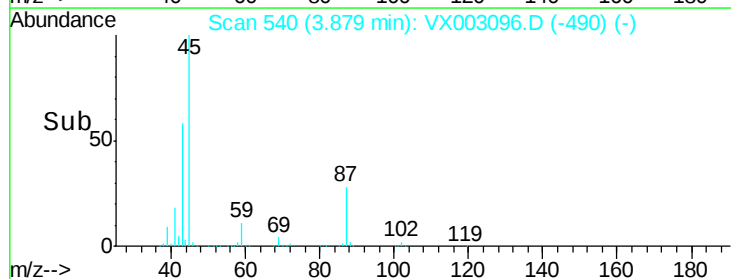
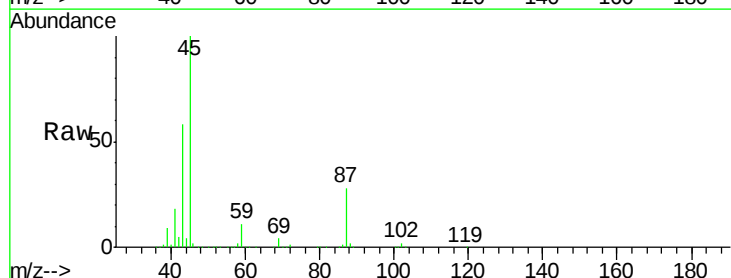
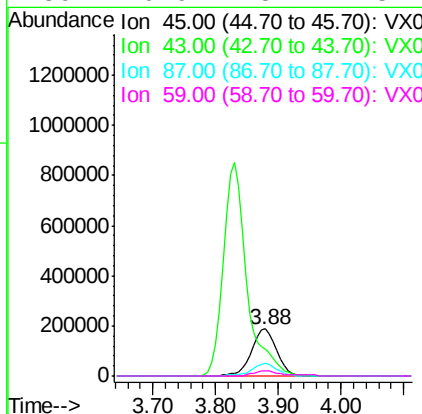
RT: 3.88 min Scan# 540

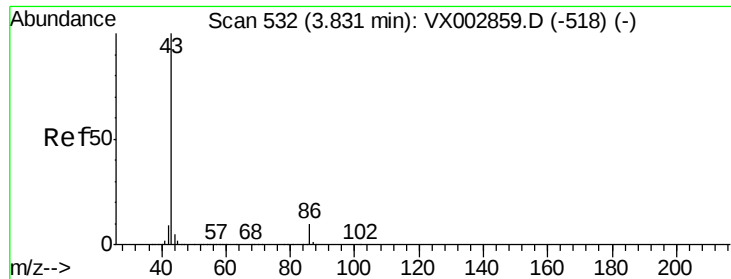
Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	45	Resp:	517814
Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.8	70.2
87	27.6	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 252.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2213191

Ion Ratio Lower Upper

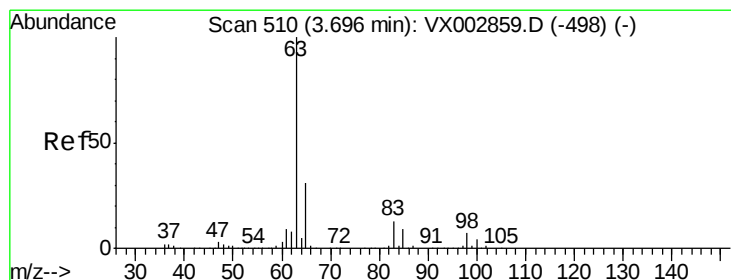
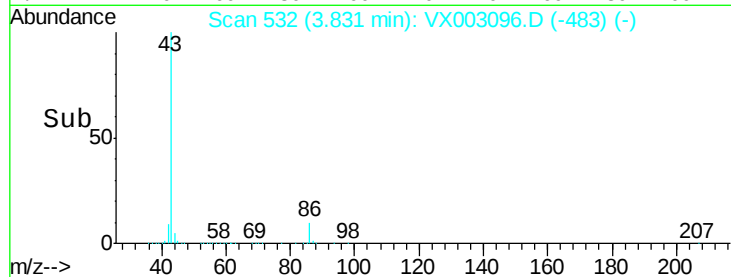
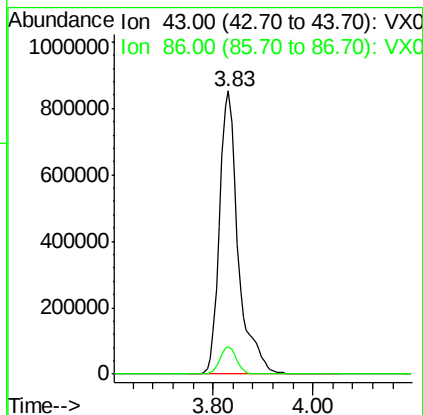
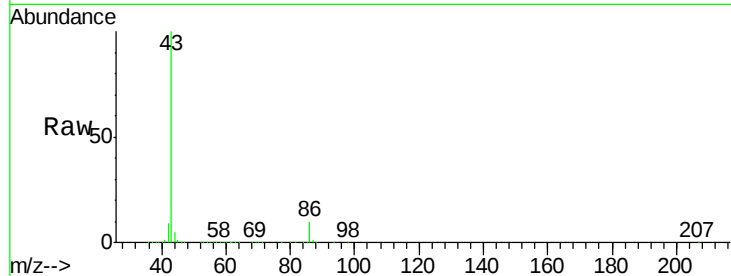
43 100

86 9.7 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 47.27 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

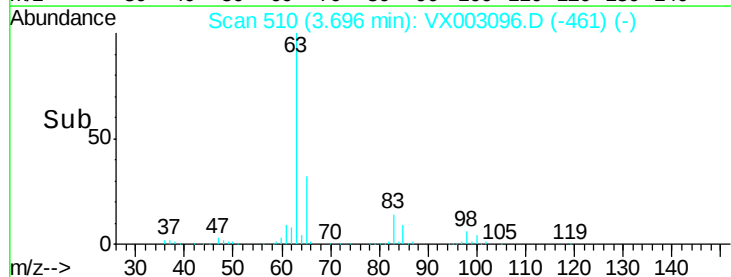
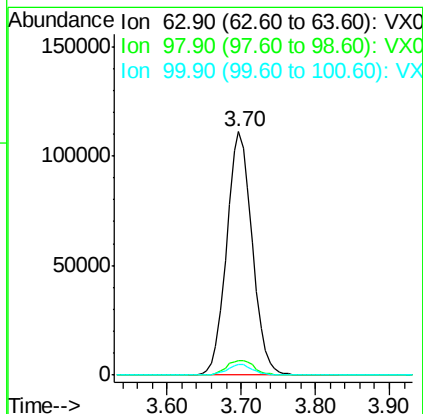
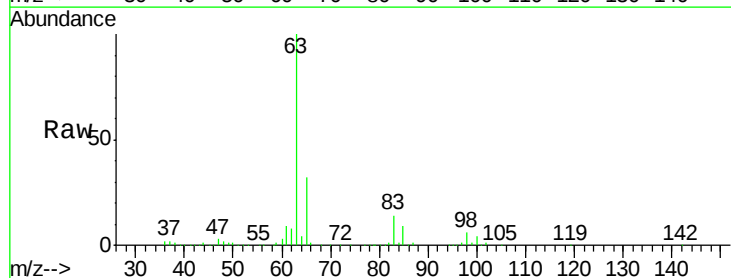
Tgt Ion: 63 Resp: 266297

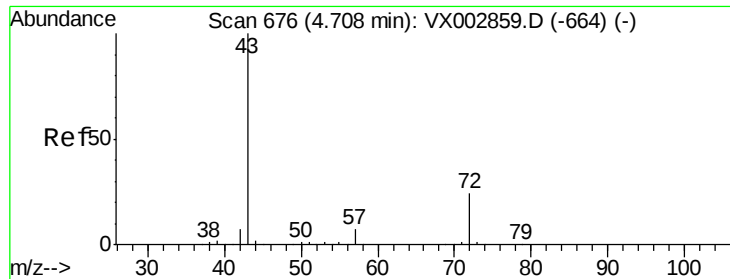
Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 253.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 601635

Ion Ratio Lower Upper

43 100

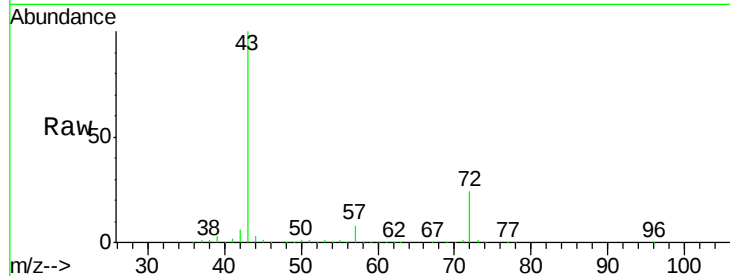
72 23.9 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

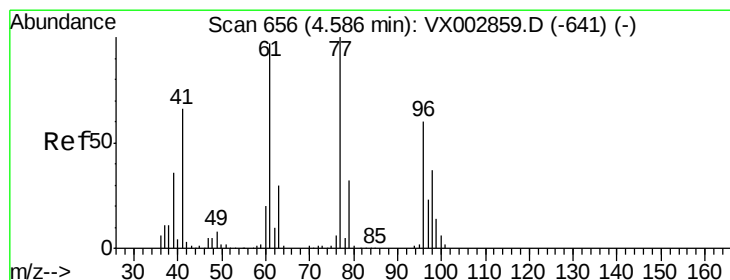
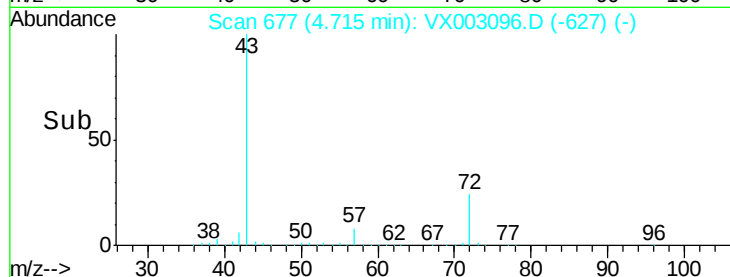
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 32.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003096.D

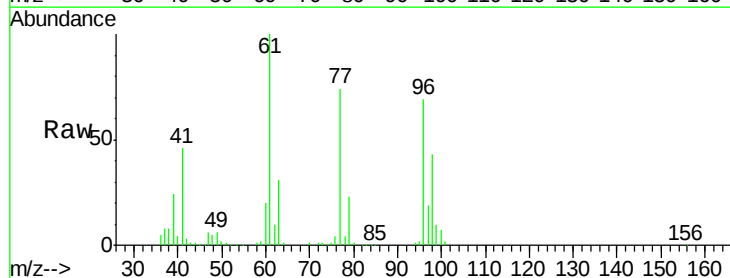
Acq: 30 Jun 2018 23:48

Tgt Ion: 77 Resp: 148370

Ion Ratio Lower Upper

77 100

97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

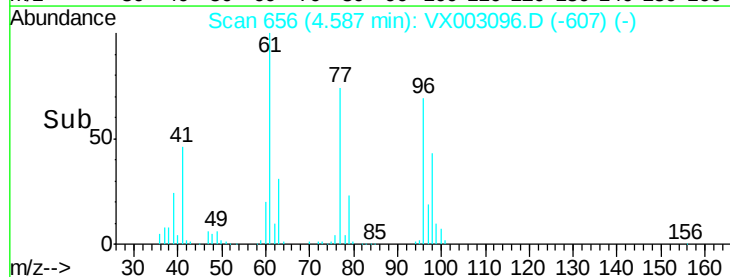
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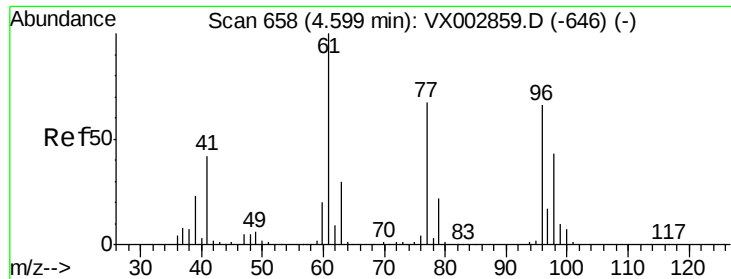
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0

4.40 4.50 4.60 4.70

Time-->





#27

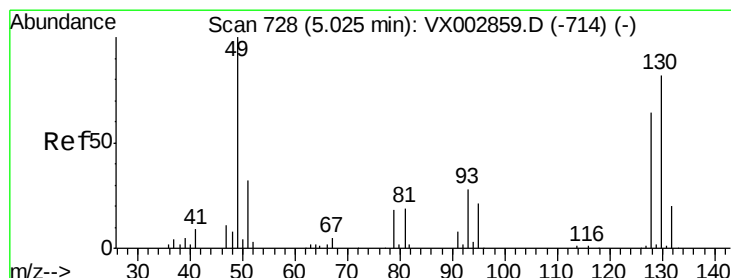
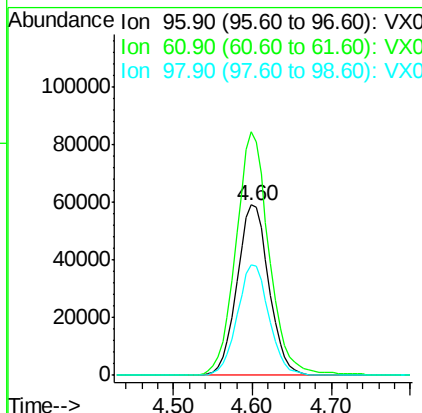
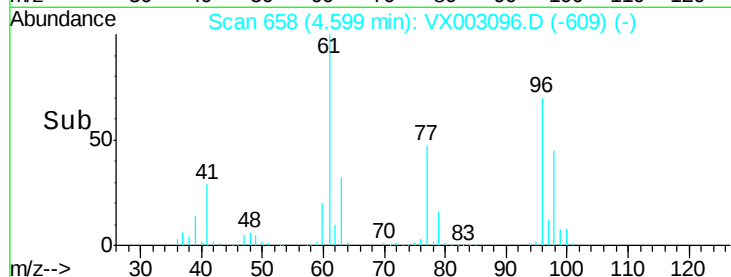
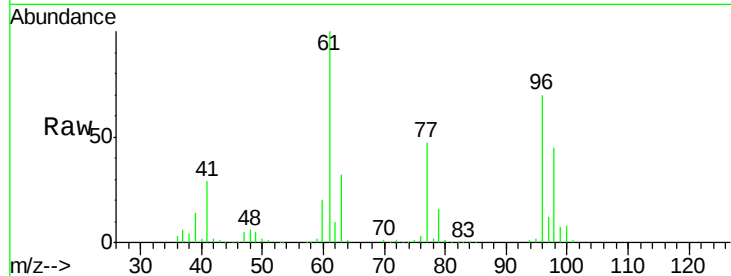
cis-1,2-Dichloroethene
Concen: 49.45 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166094		
61	148.4	0.0	330.2	
98	64.6	0.0	130.2	

Manual Integrations
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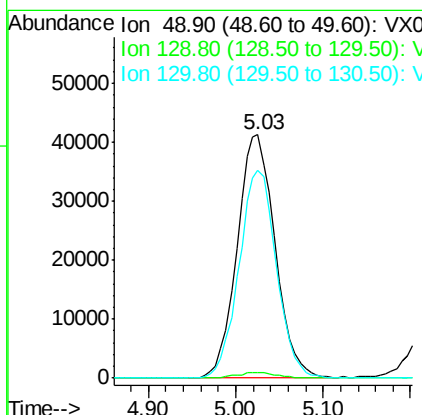
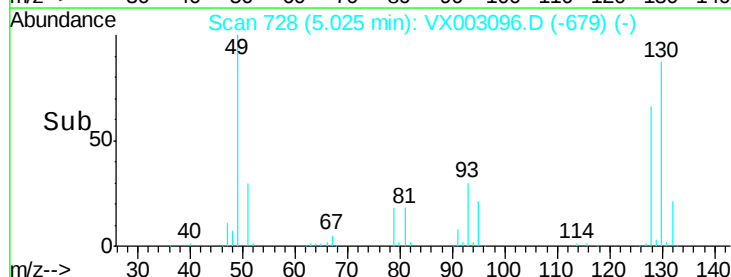
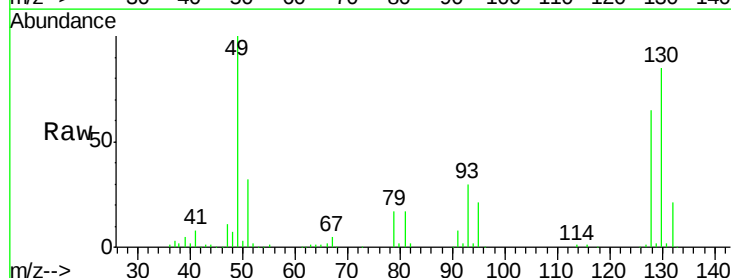
apatel
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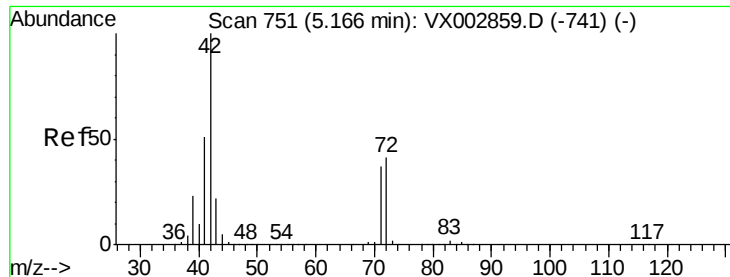


#28

Bromochloromethane
Concen: 46.24 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124672		
129	2.3	0.0	4.2	
130	84.2	61.2	91.8	





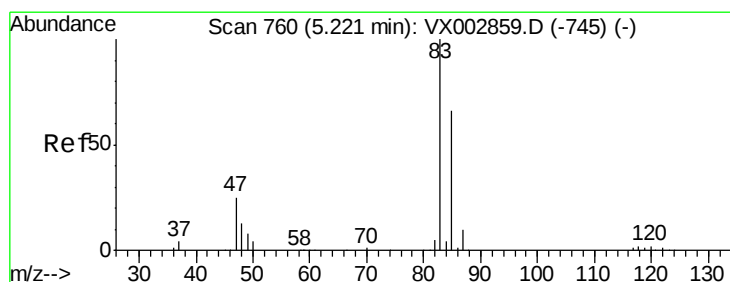
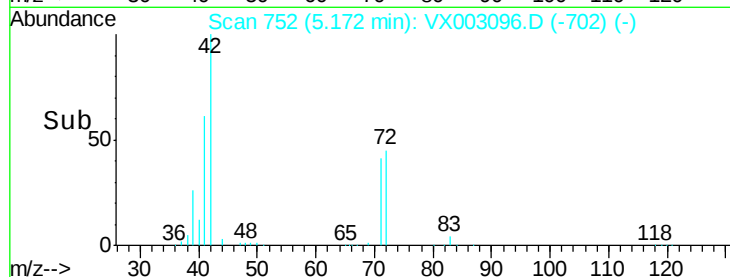
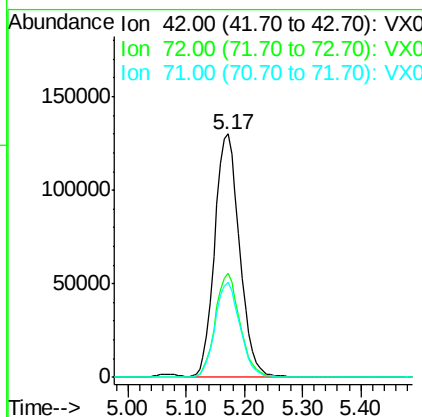
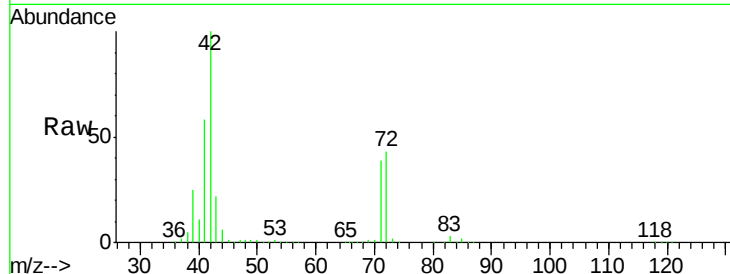
#29
Tetrahydrofuran
Concen: 253.17 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.0	48.0
71	38.9	30.1	45.1

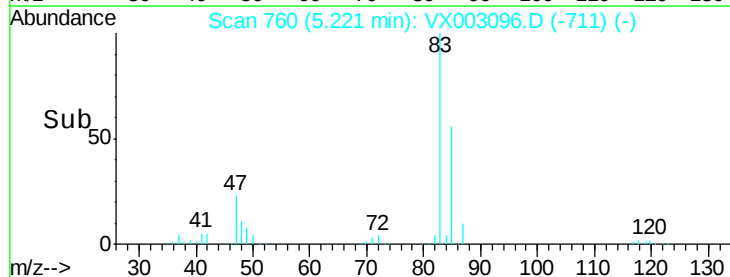
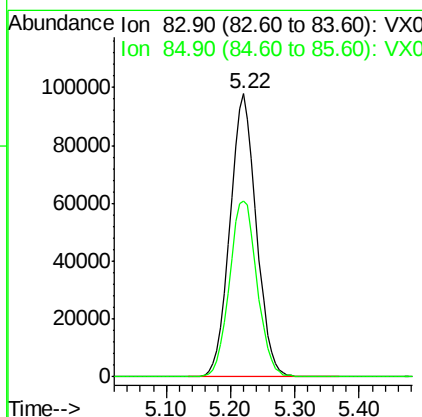
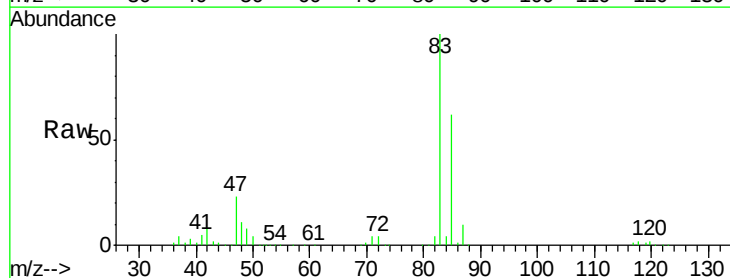
Manual Integrations
APPROVED

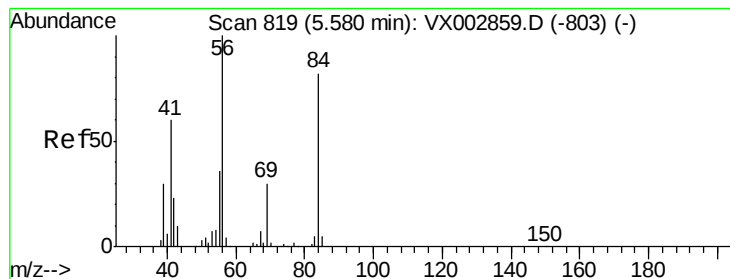
apatel
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#30
Chloroform
Concen: 48.38 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.4	75.6





#31

Cyclohexane

Concen: 46.84 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

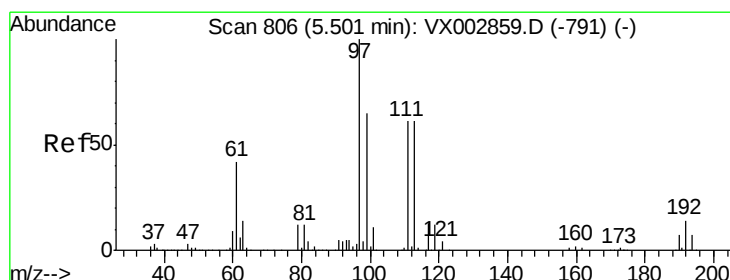
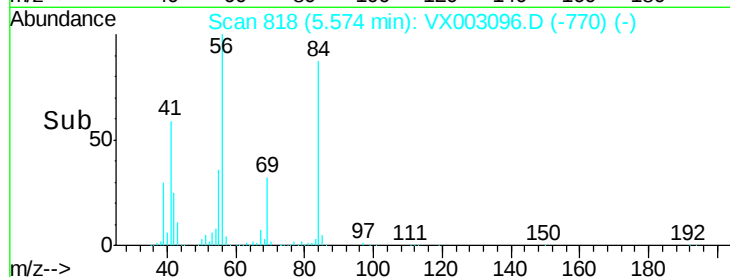
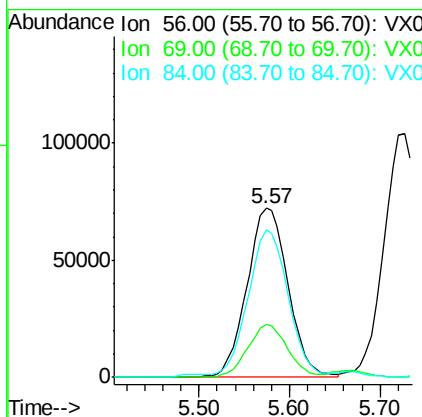
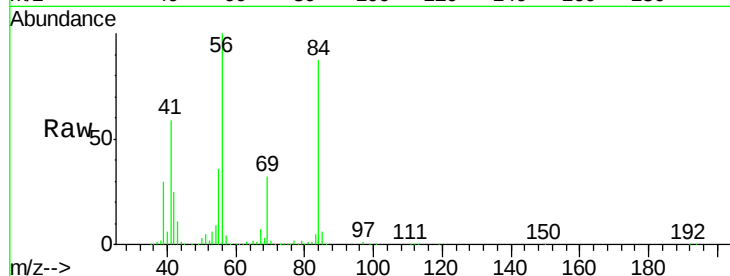
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	226462
Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.7	35.5
84	85.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.63 ug/l

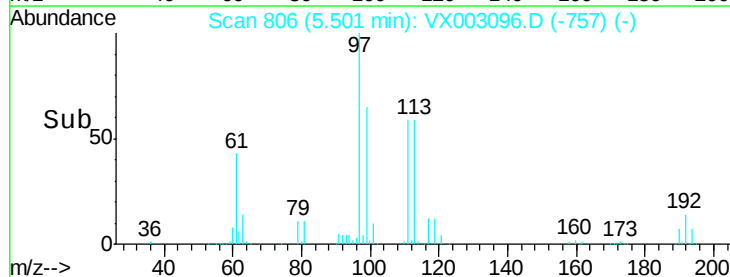
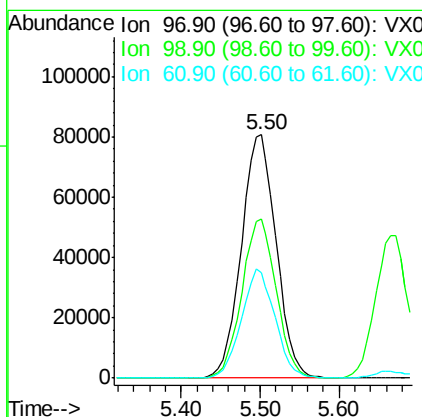
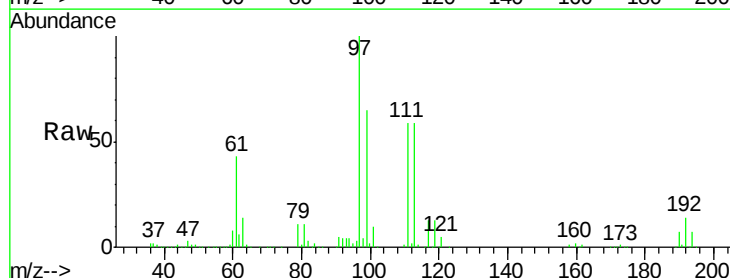
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	97	Resp:	247367
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.4	36.4	54.6





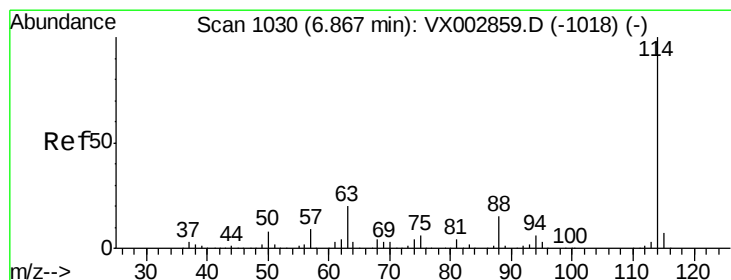
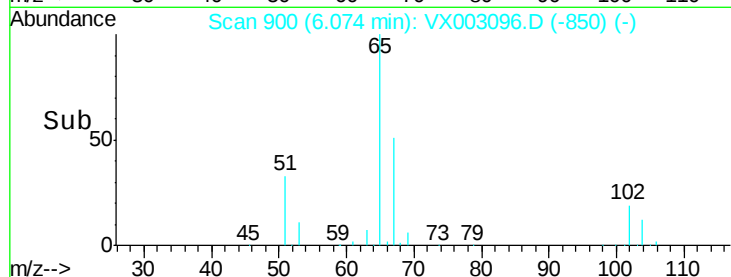
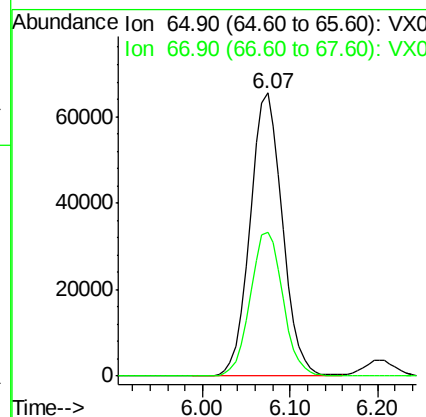
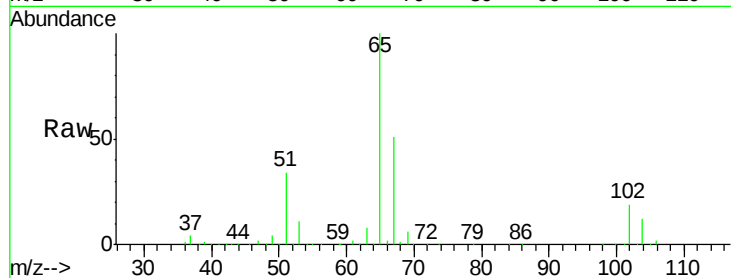
#33
 1,2-Dichloroethane-d4
 Concen: 43.67 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 168347
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6

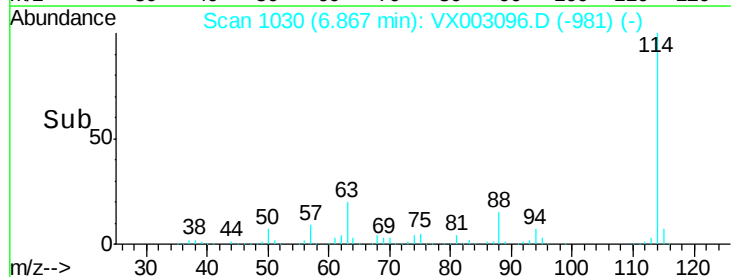
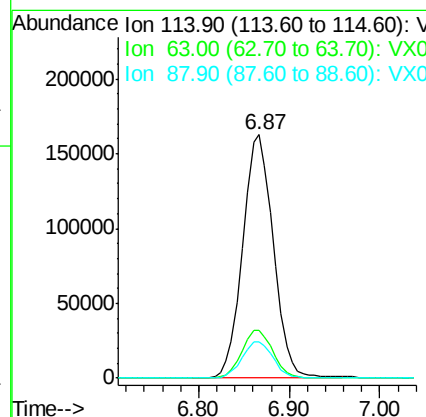
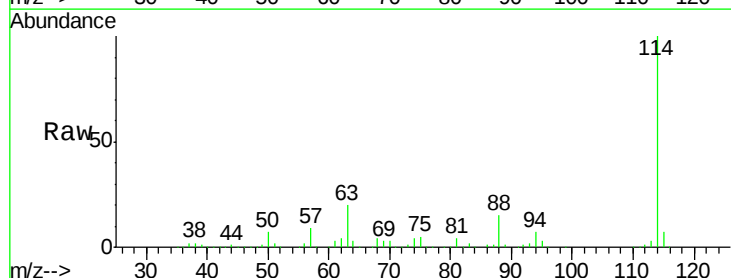
Manual Integrations
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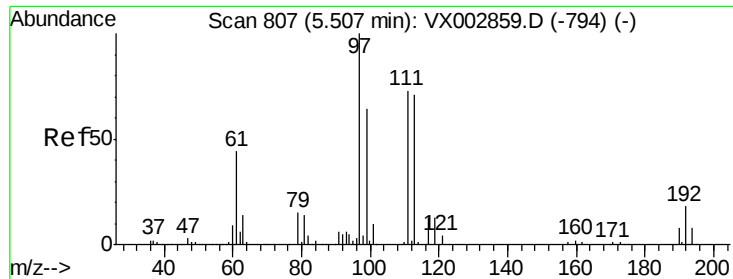
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 114 Resp: 381177
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.1 0.0 30.0





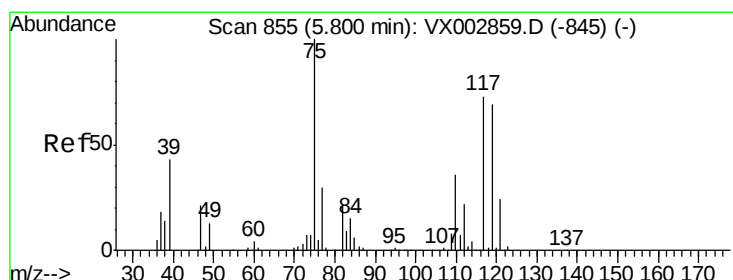
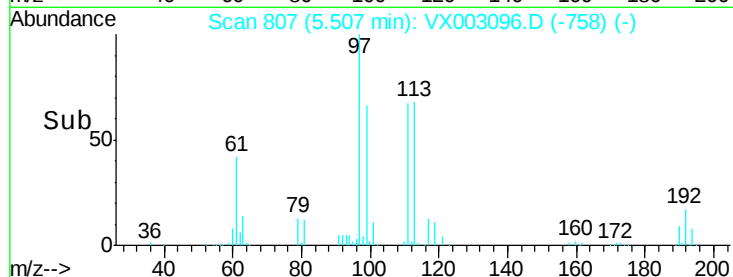
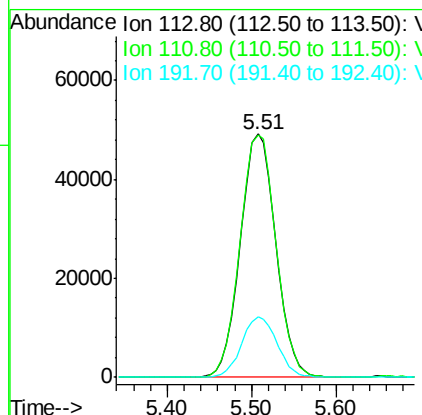
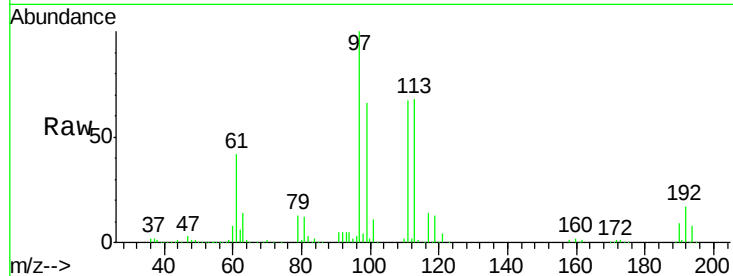
#35
Dibromofluoromethane
Concen: 46.47 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140272		
111	100.7	81.4	122.0	
192	24.9	19.1	28.7	

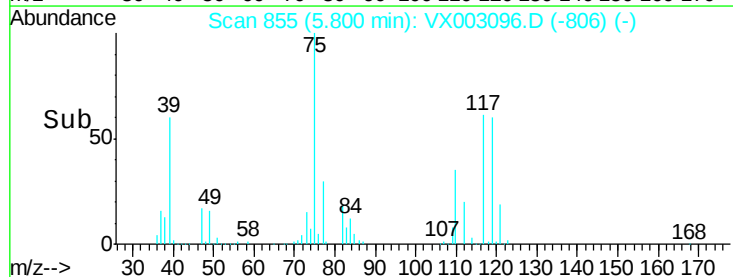
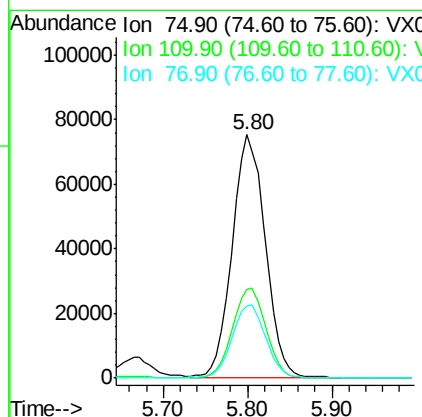
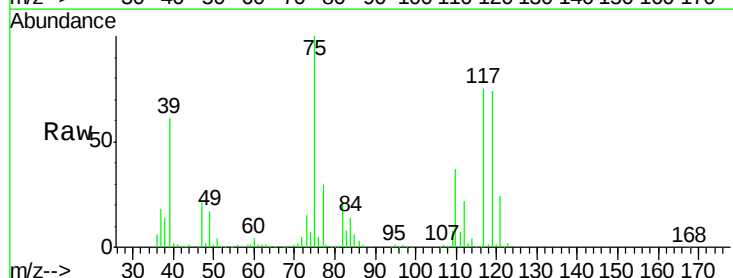
Manual Integrations
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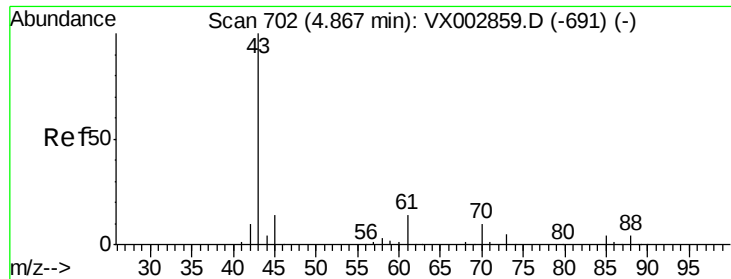
apatel
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#36
1,1-Dichloropropene
Concen: 47.84 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199985		
110	37.5	18.1	54.4	
77	30.8	24.3	36.5	





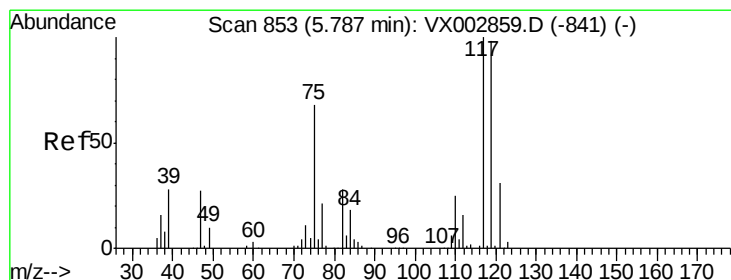
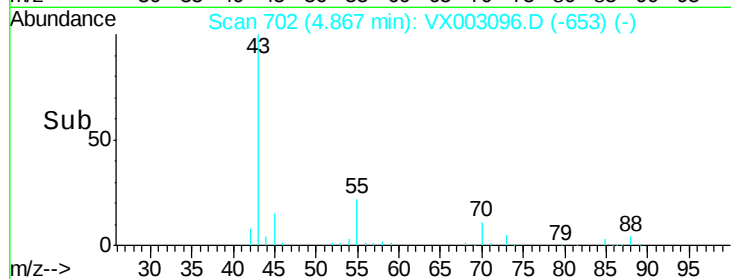
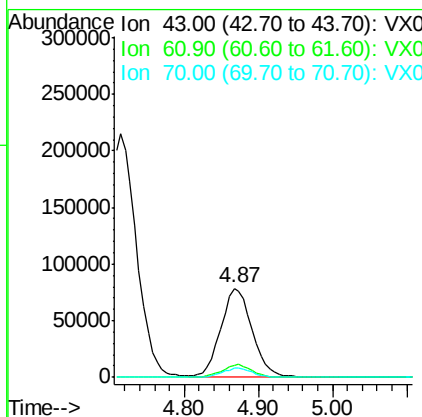
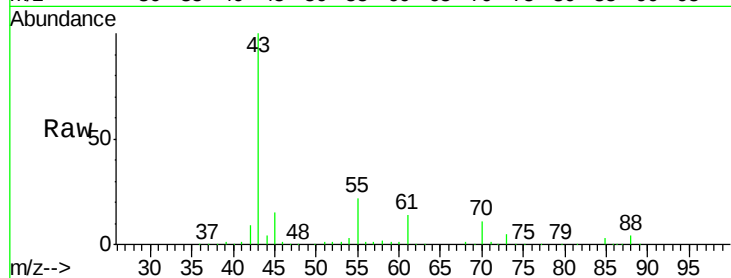
#37
Ethyl Acetate
Concen: 51.18 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.2	7.6	11.4

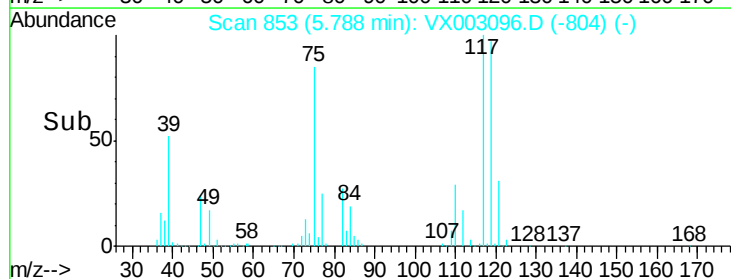
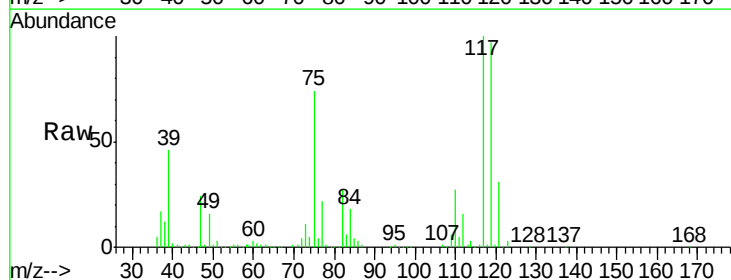
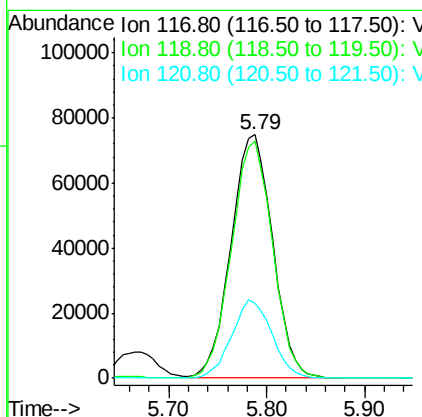
Manual Integrations
APPROVED

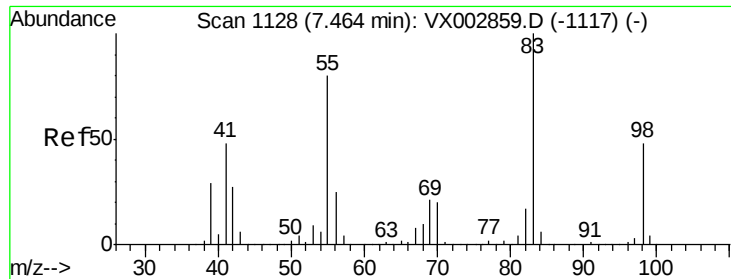
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#38
Carbon Tetrachloride
Concen: 47.98 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
121	30.9	24.4	36.6





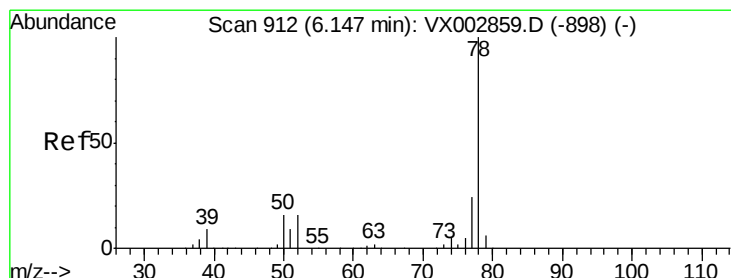
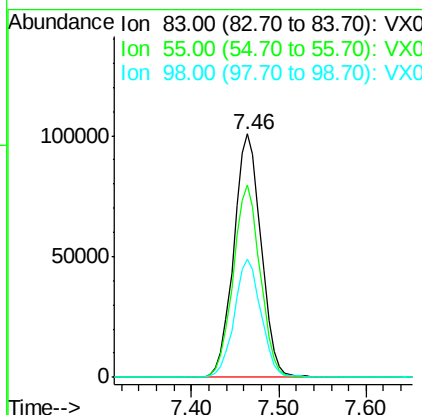
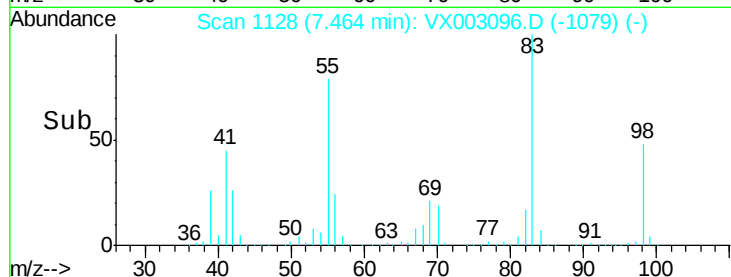
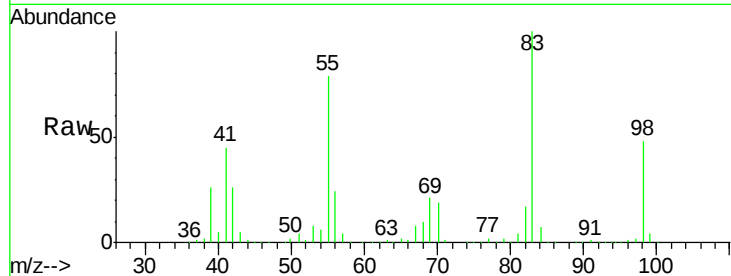
#39
Methvlcvclohexane
Concen: 45.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.9	65.4	98.0	
98	48.3	37.4	56.0	

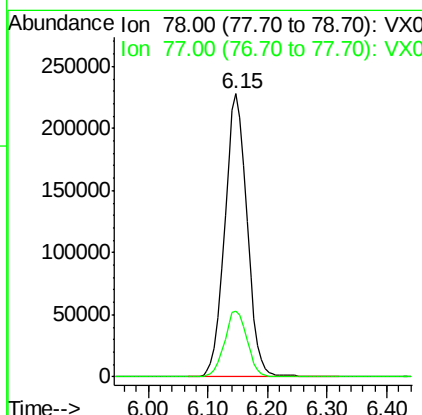
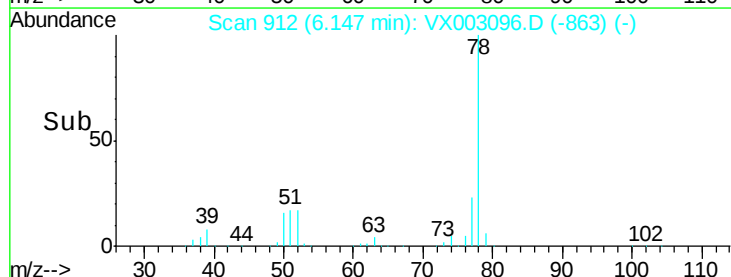
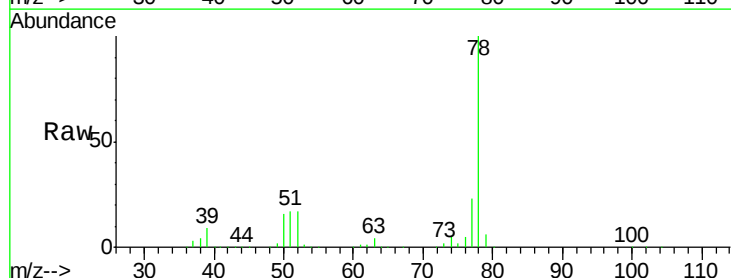
Manual Integrations
APPROVED

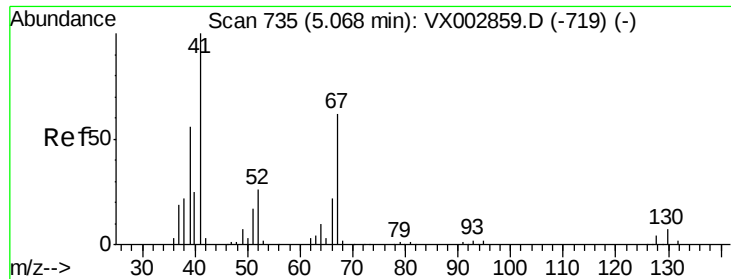
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#40
Benzene
Concen: 48.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	19.1	28.7	





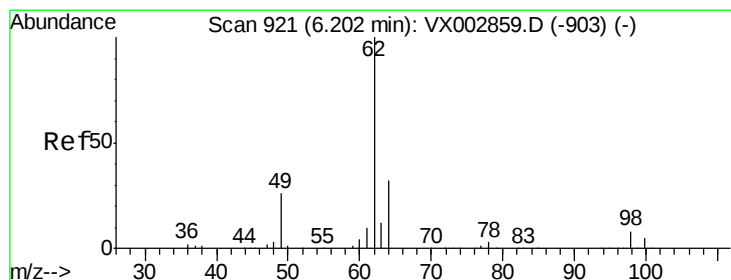
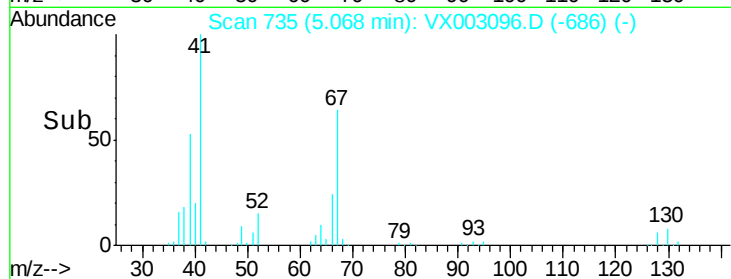
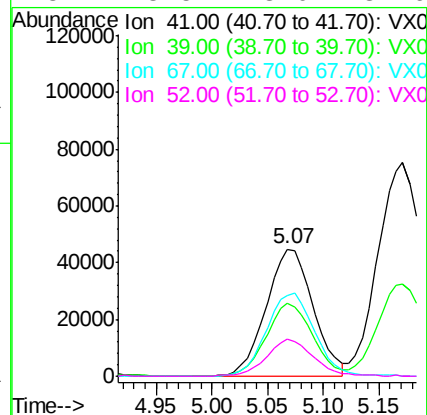
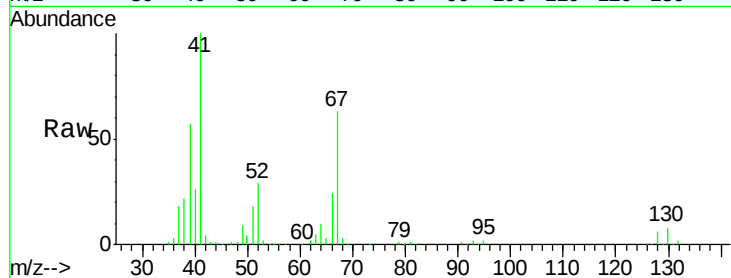
#41
Methacrylonitrile
Concen: 50.40 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	67.8	51.3	76.9
52	28.5	23.0	34.6

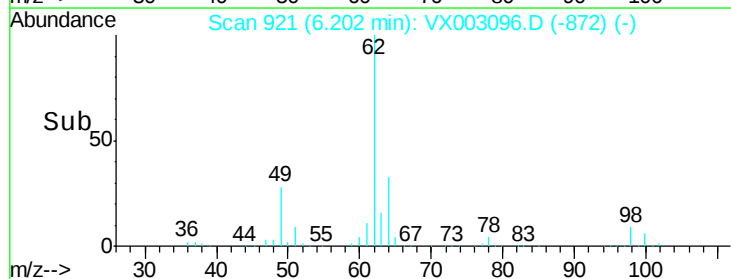
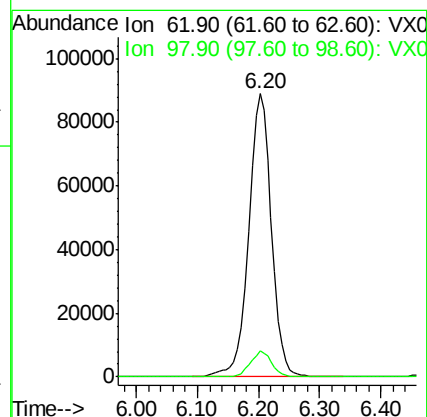
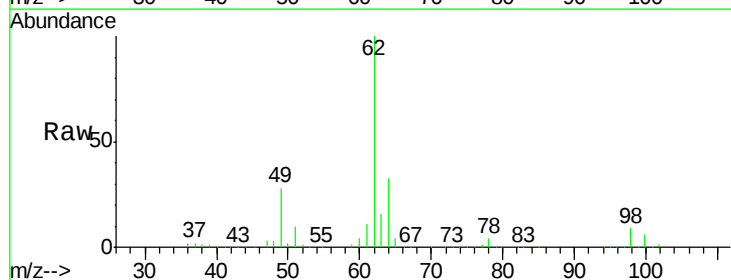
Manual Integrations
APPROVED

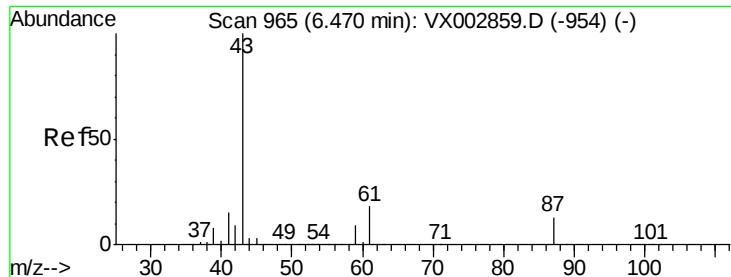
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#42
1,2-Dichloroethane
Concen: 46.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

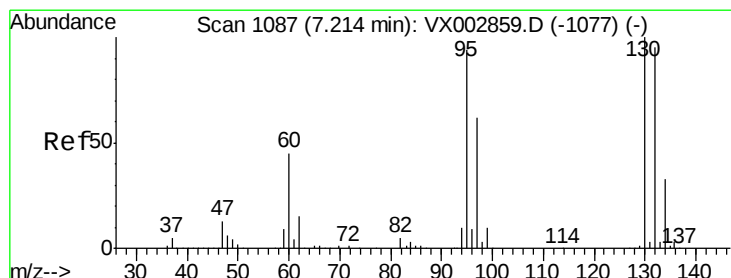
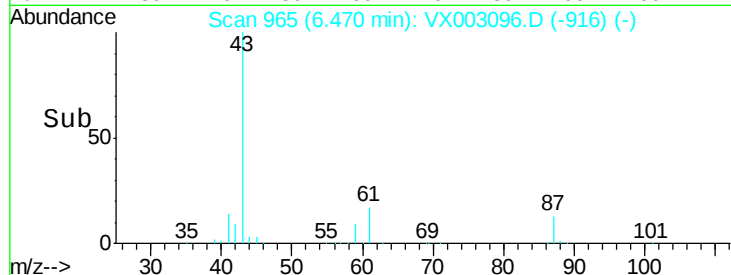
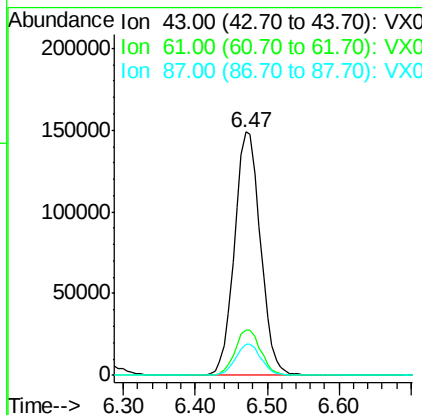
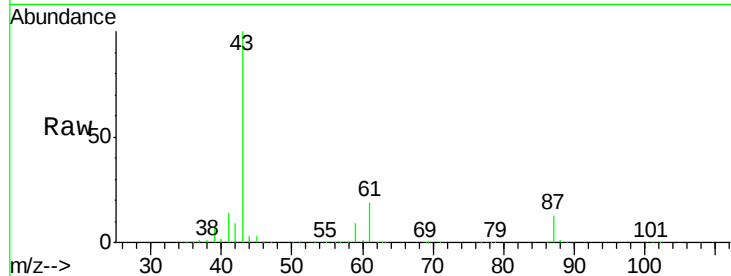
Isopropyl Acetate
 Concen: 49.32 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.6	9.5	14.3

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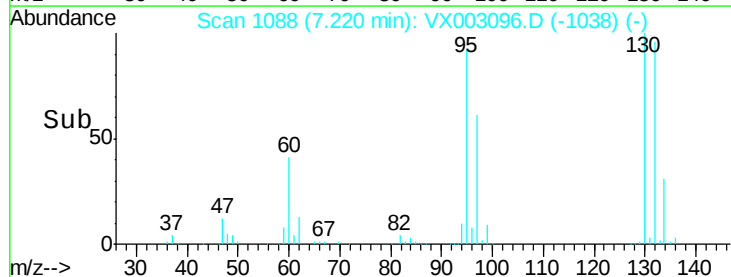
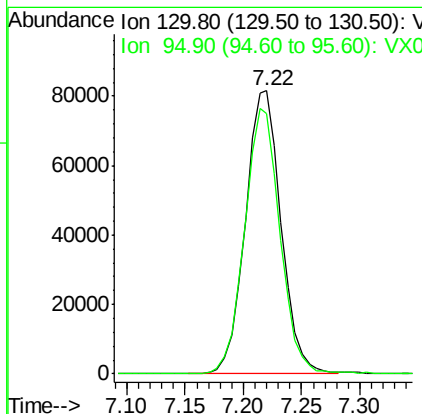
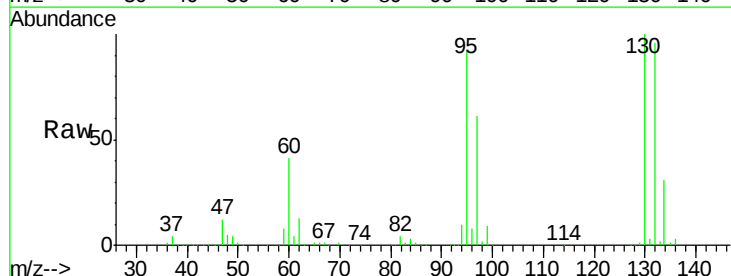
apatel
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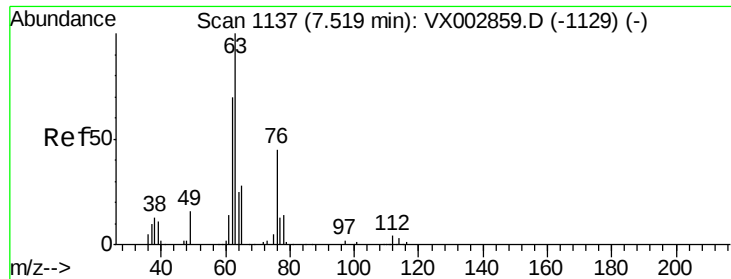


#44

Trichloroethene
 Concen: 48.12 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.4





#45

1,2-Dichloropropane

Concen: 49.10 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 158176

Ion Ratio Lower Upper

63 100

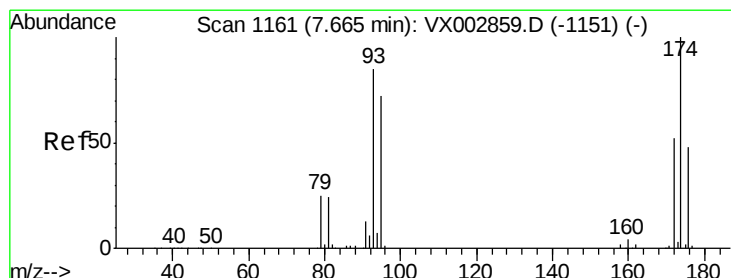
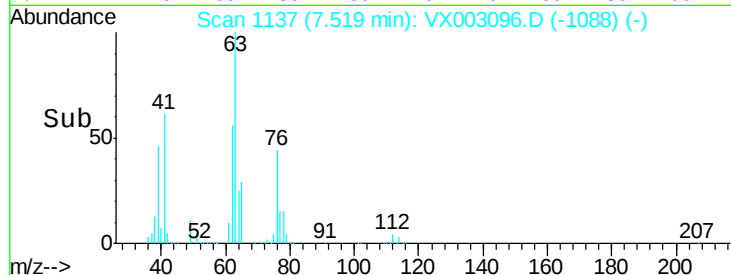
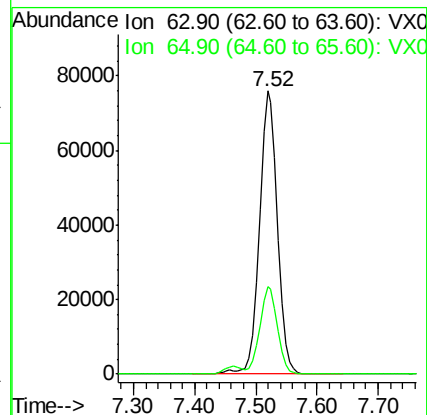
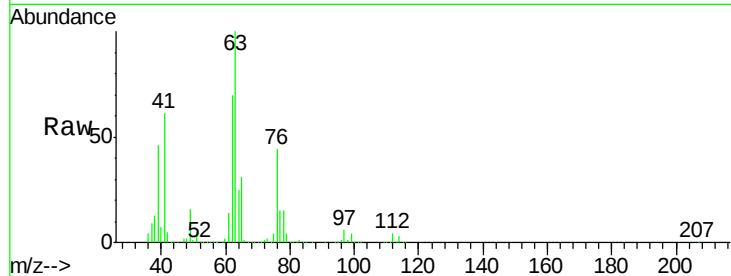
65 30.8 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 47.87 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

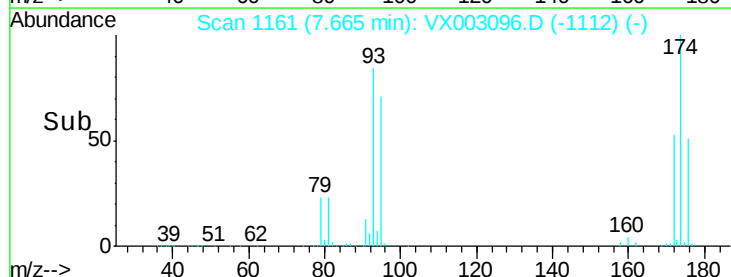
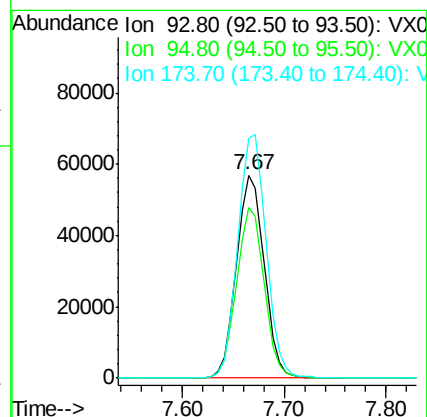
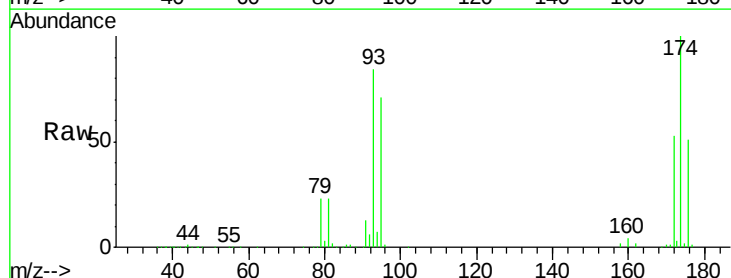
Tgt Ion: 93 Resp: 107030

Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 123.0 92.4 138.6





#47

Bromodichloromethane

Concen: 49.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

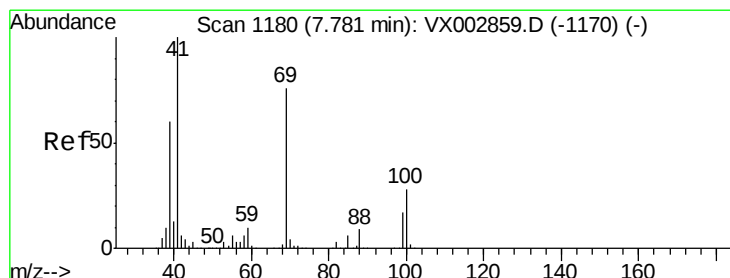
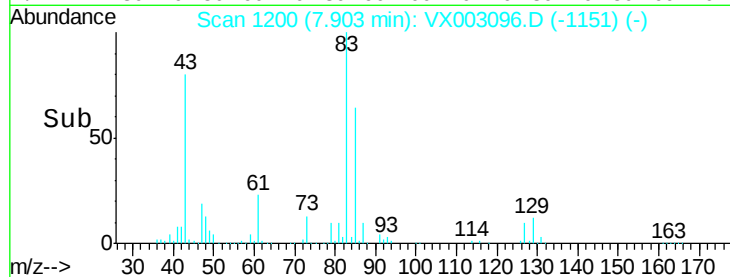
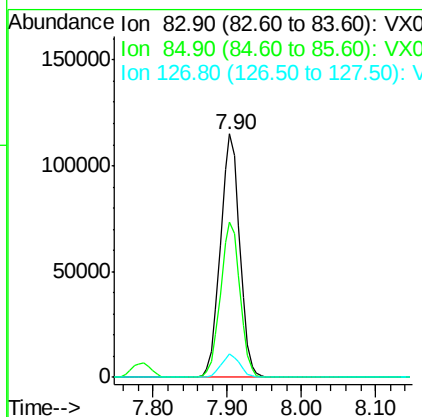
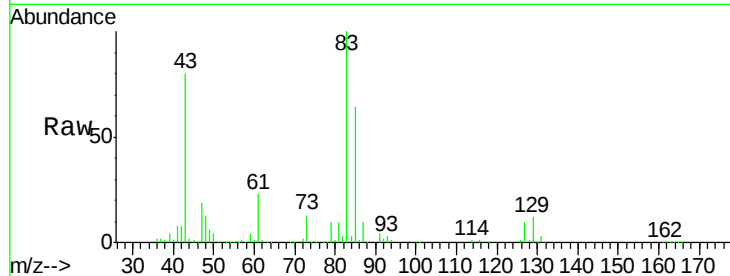
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	206481
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.3	75.5
127	9.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.24 ug/l

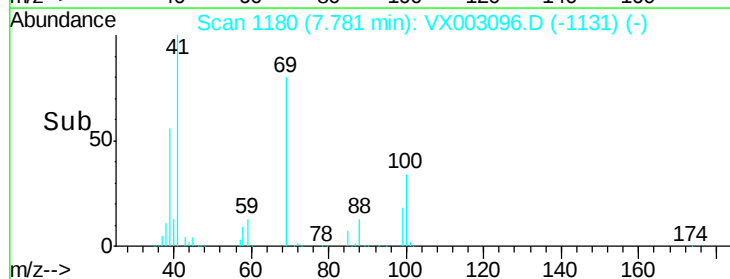
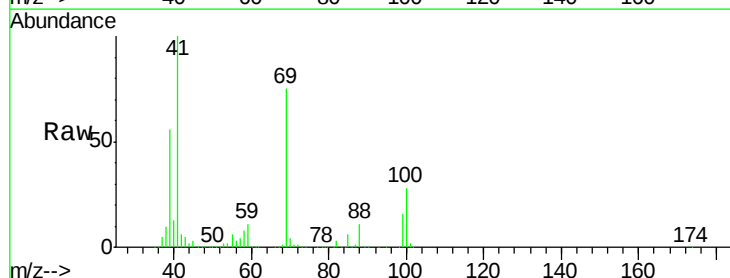
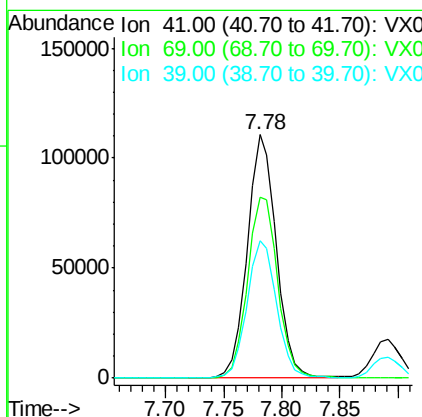
RT: 7.78 min Scan# 1180

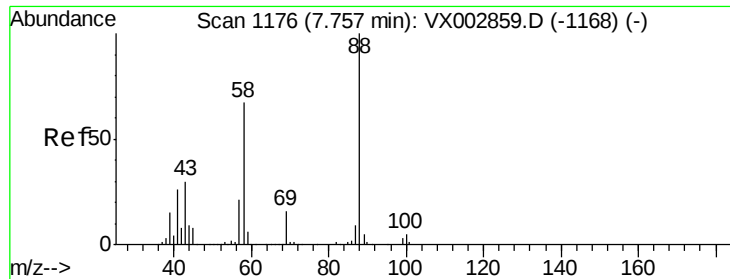
Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	41	Resp:	191495
Ion Ratio	Lower	Upper	
41	100		
69	78.3	59.1	88.7
39	57.6	48.9	73.3





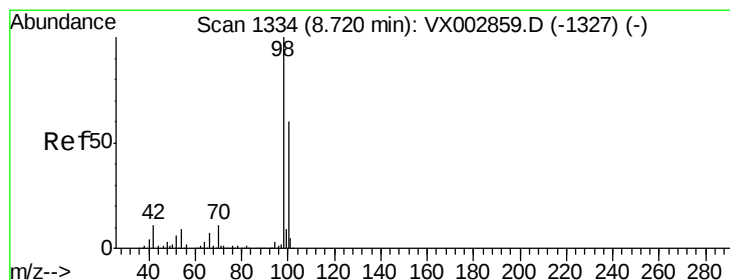
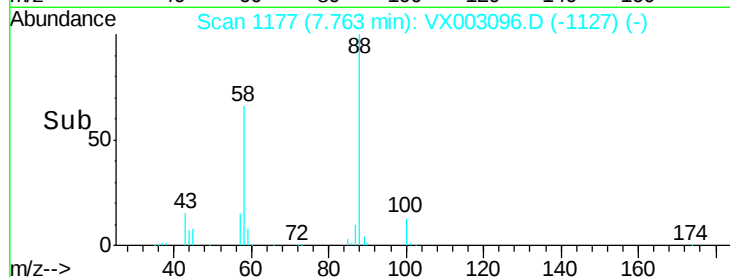
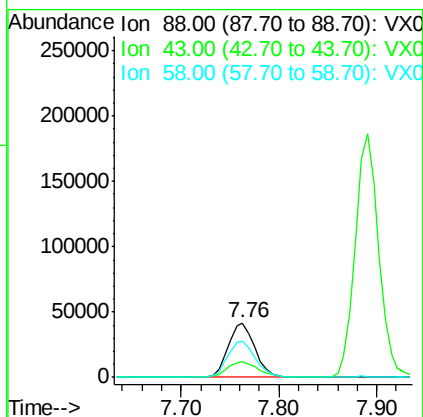
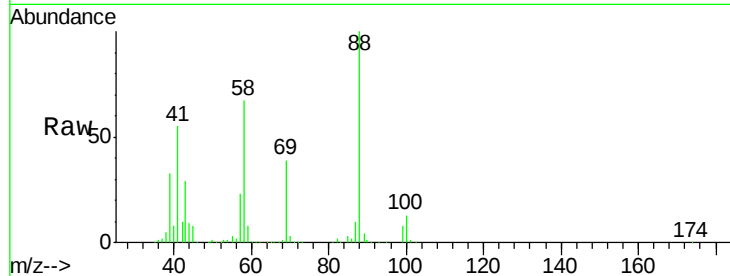
#49
1,4-Dioxane
Concen: 1041.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	29.8	44.6
58	69.2	57.1	85.7

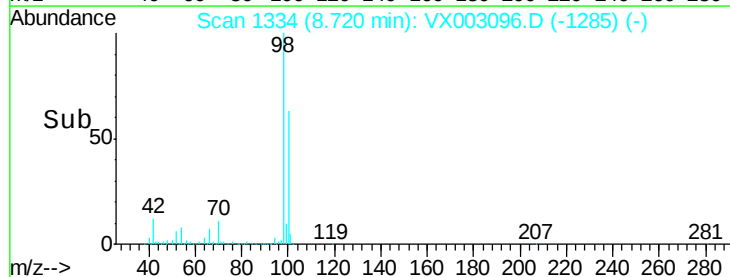
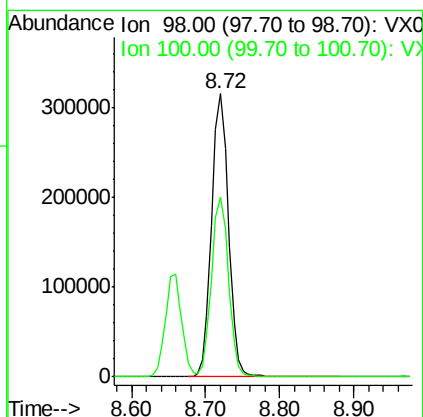
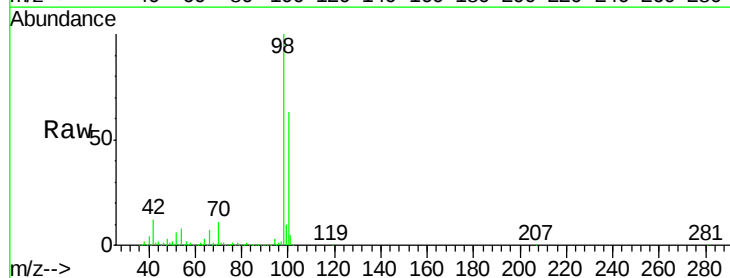
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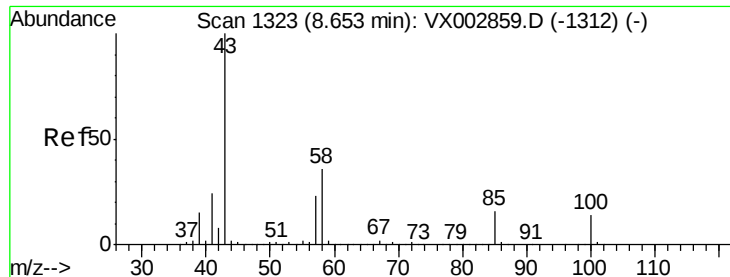
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#50
Toluene-d8
Concen: 44.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





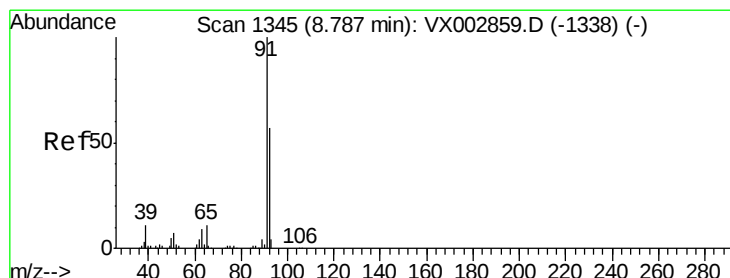
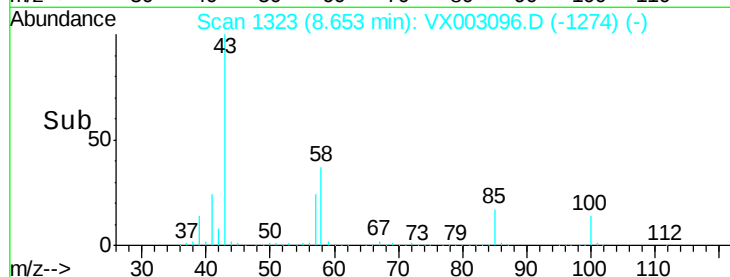
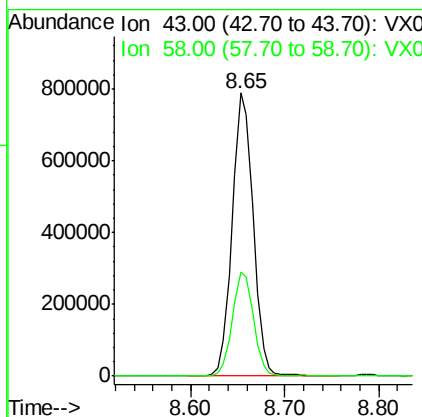
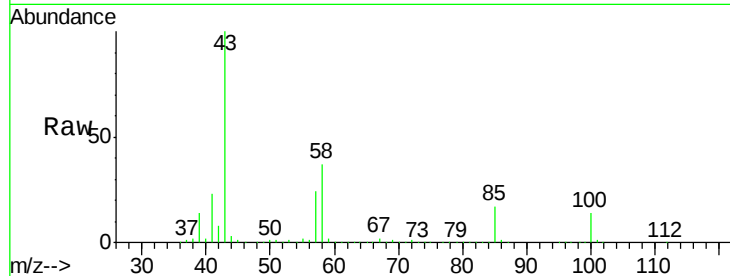
#51
4-Methyl-2-Pentanone
Concen: 257.58 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1216453
Ion Ratio Lower Upper
43 100
58 37.1 28.6 42.8

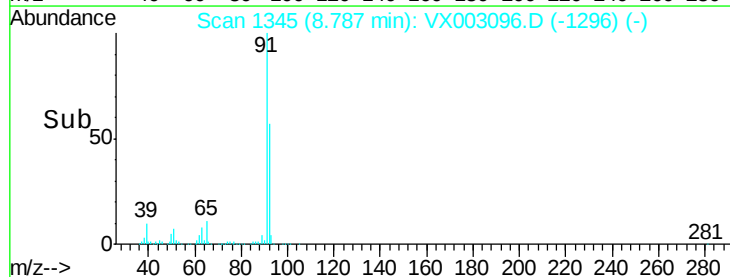
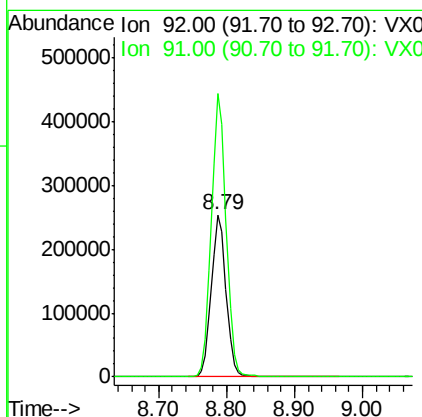
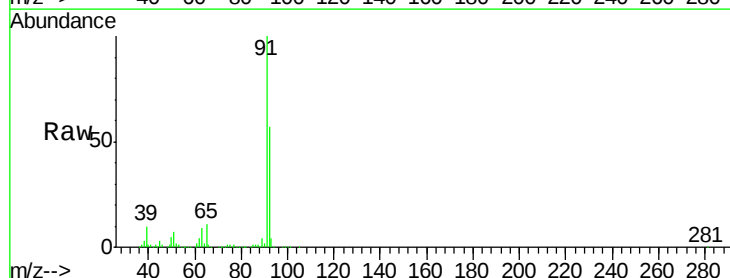
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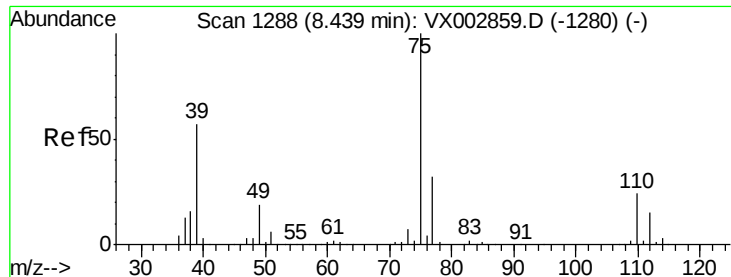
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#52
Toluene
Concen: 49.43 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 92 Resp: 384602
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





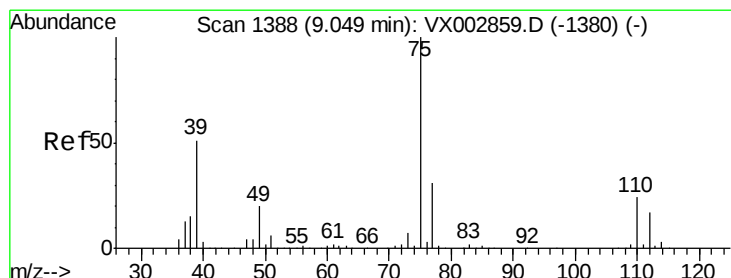
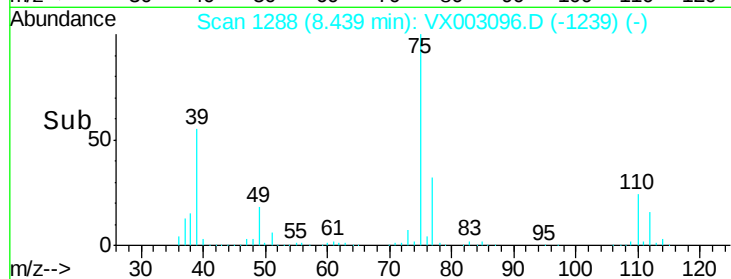
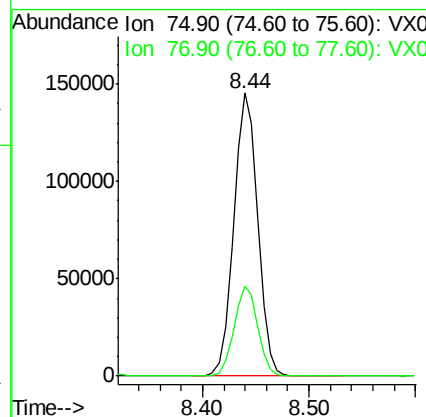
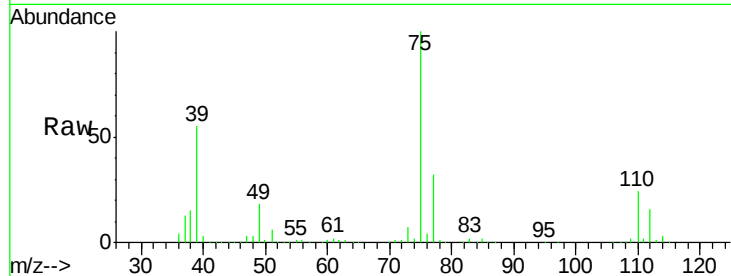
#53
t-1,3-Dichloropropene
Concen: 48.86 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 228718
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

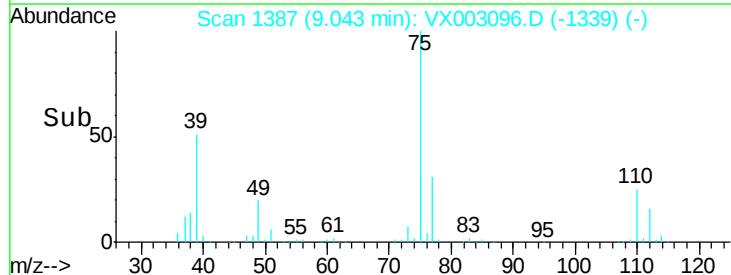
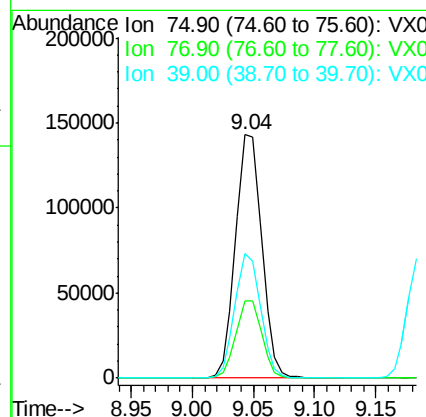
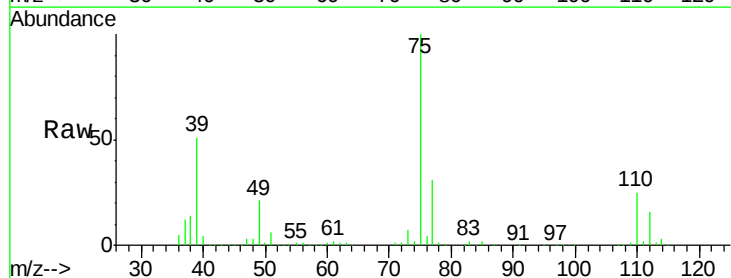
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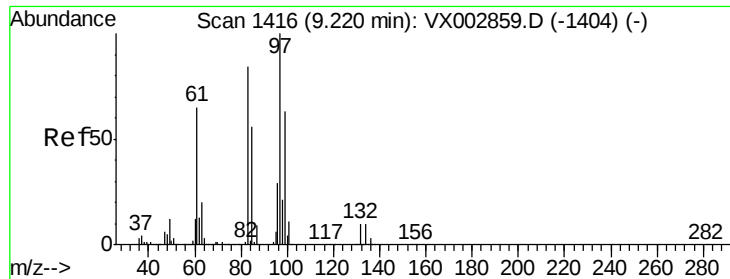
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#54
cis-1,3-Dichloropropene
Concen: 47.13 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 75 Resp: 212273
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 51.2 42.4 63.6





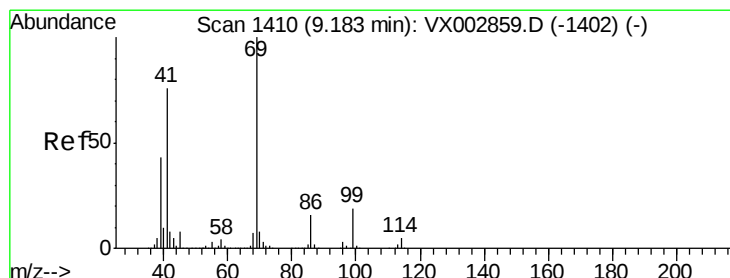
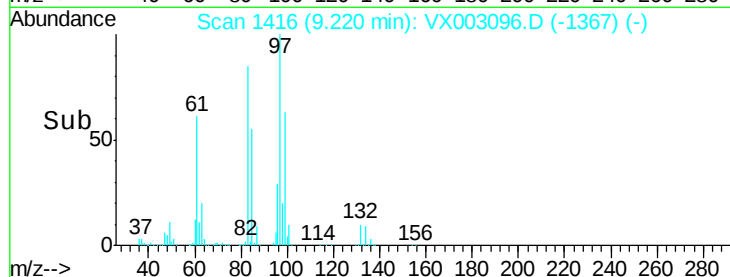
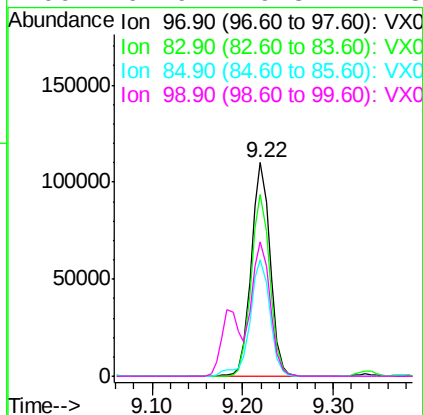
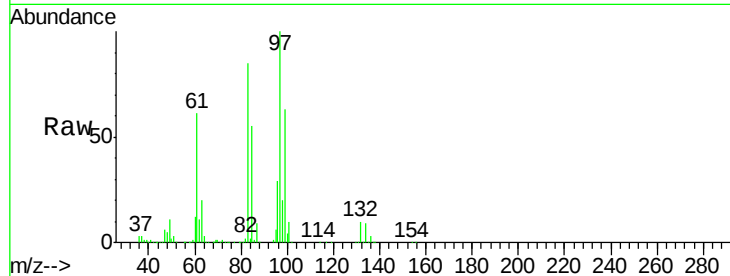
#55
 1,1,2-Trichloroethane
 Concen: 49.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	159775
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	54.7	44.9	67.3
99	62.9	49.8	74.8

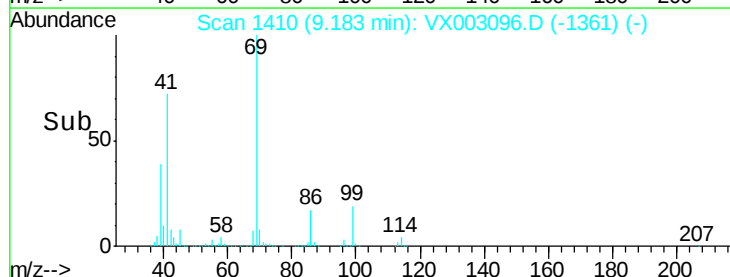
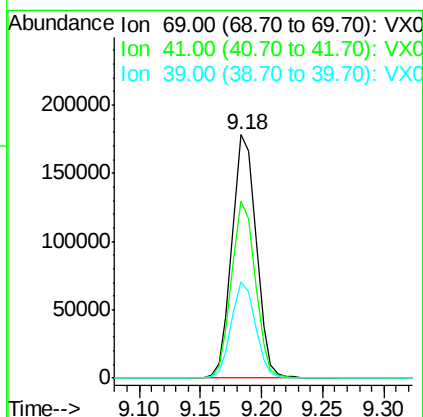
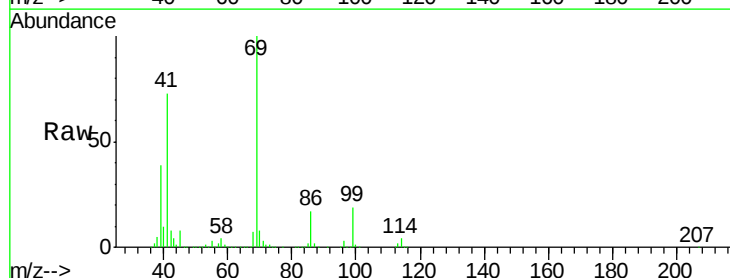
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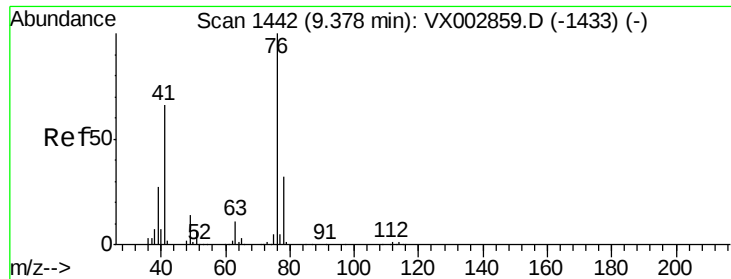
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#56
 Ethyl methacrylate
 Concen: 52.51 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion:	69	Resp:	245341
Ion	Ratio	Lower	Upper
69	100		
41	71.3	60.3	90.5
39	39.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 262364

Ion Ratio Lower Upper

76 100

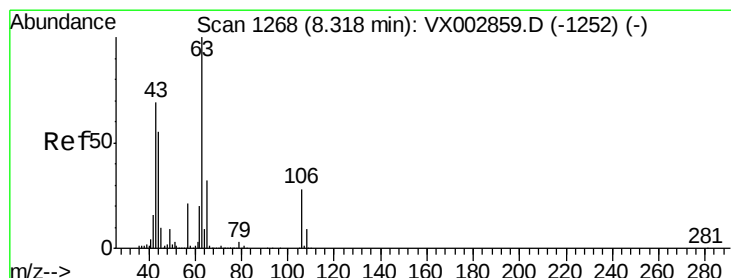
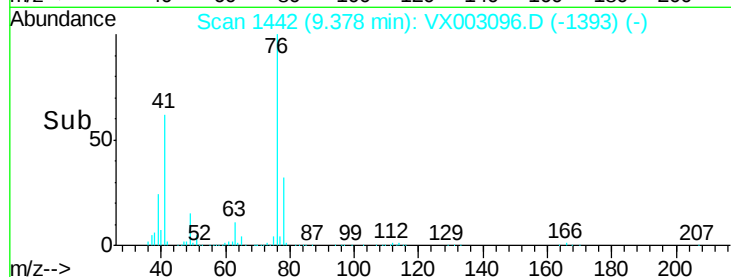
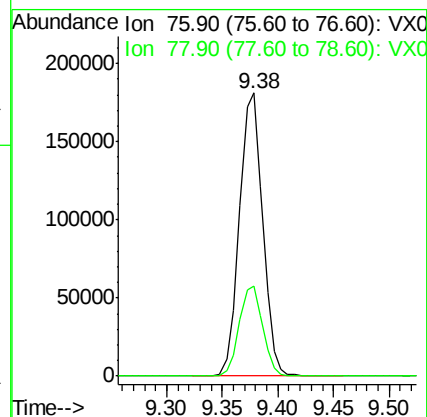
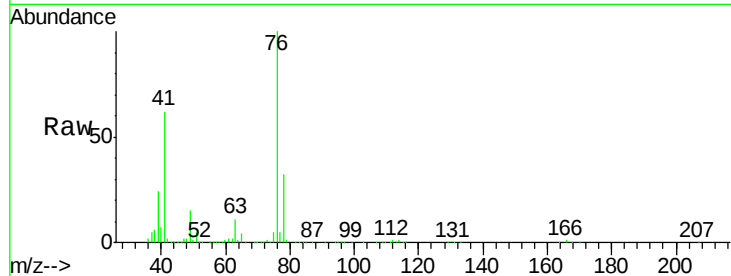
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 260.79 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003096.D

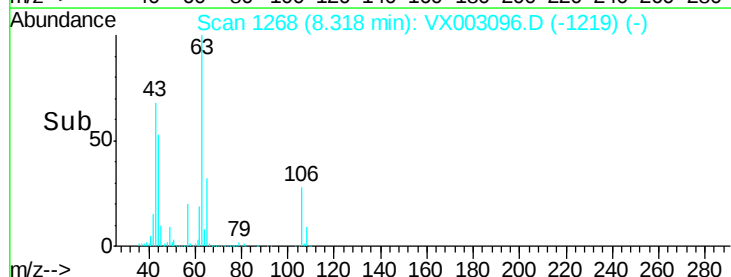
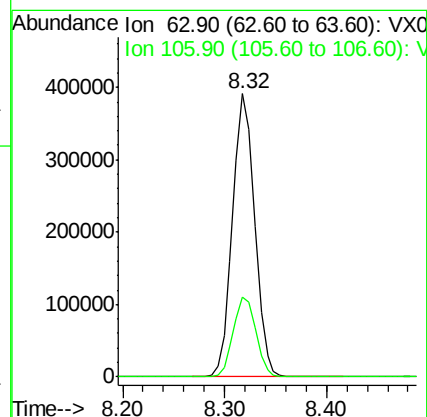
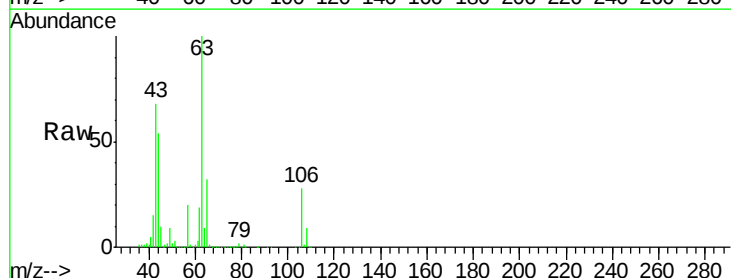
Acq: 30 Jun 2018 23:48

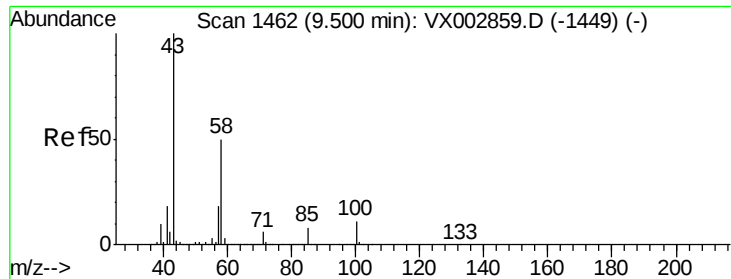
Tgt Ion: 63 Resp: 587909

Ion Ratio Lower Upper

63 100

106 28.9 21.8 32.8





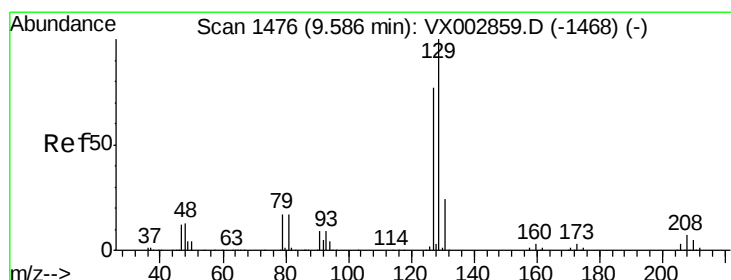
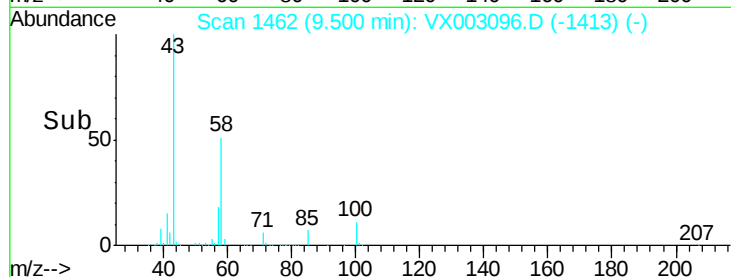
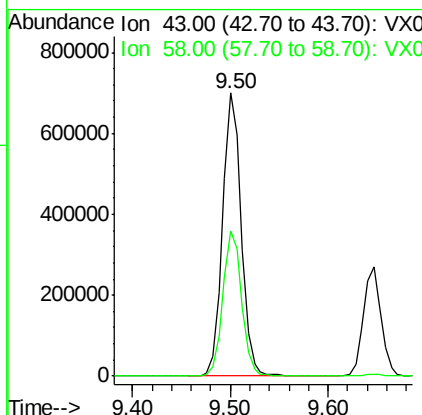
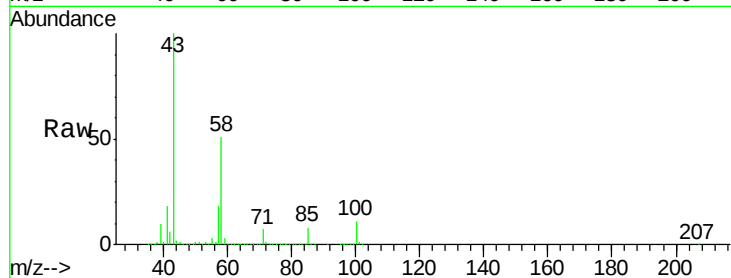
#59
2-Hexanone
Concen: 257.77 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 925185
Ion Ratio Lower Upper
43 100
58 51.6 24.6 73.6

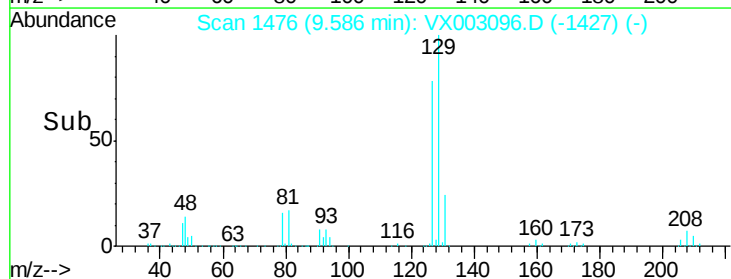
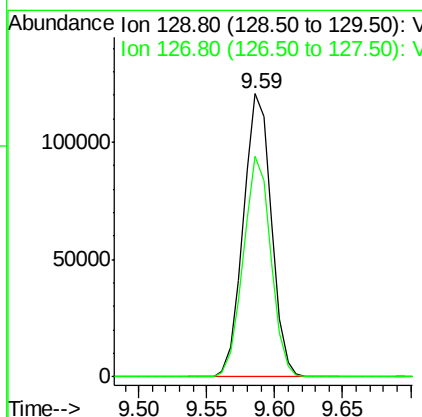
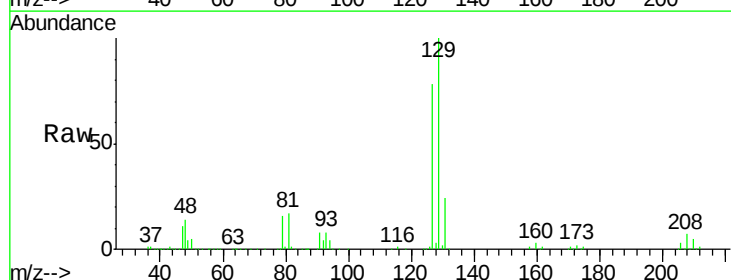
Manual Integrations
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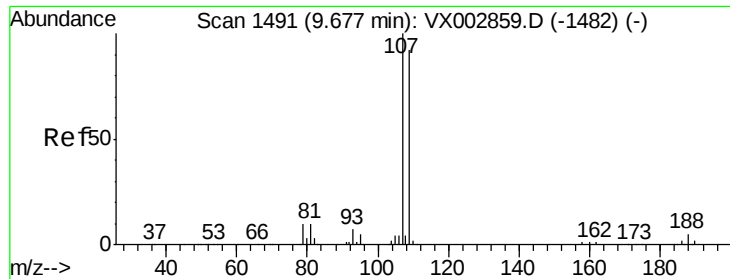
apatel
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#60
Dibromochloromethane
Concen: 51.59 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 129 Resp: 173630
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.74 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 170169

Ion Ratio Lower Upper

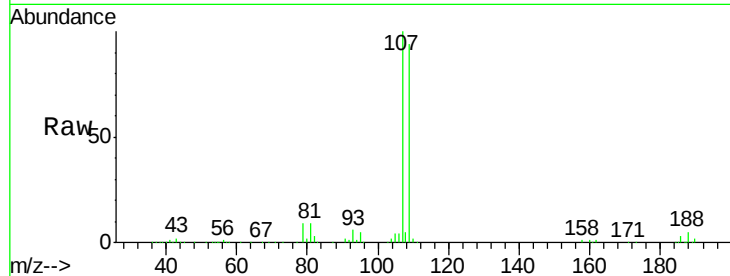
107 100

109 94.4 75.3 112.9

Manual Integrations
APPROVED

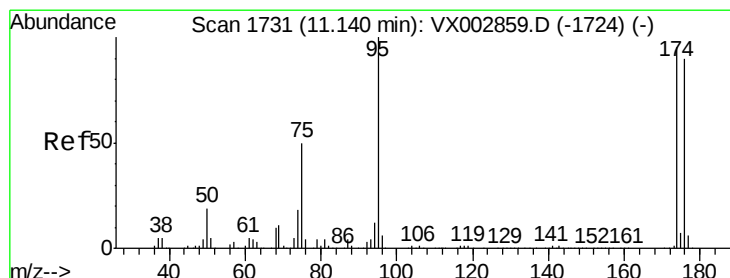
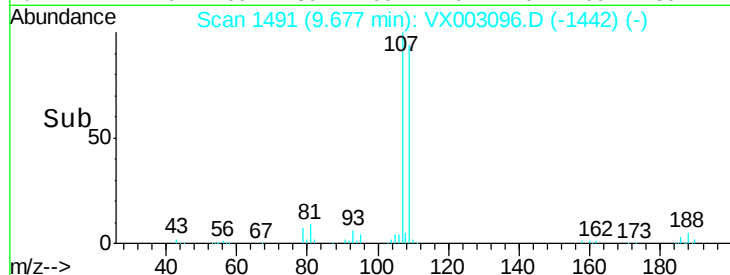
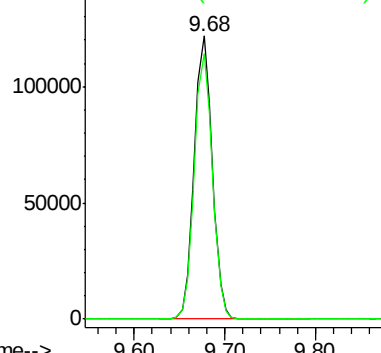
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

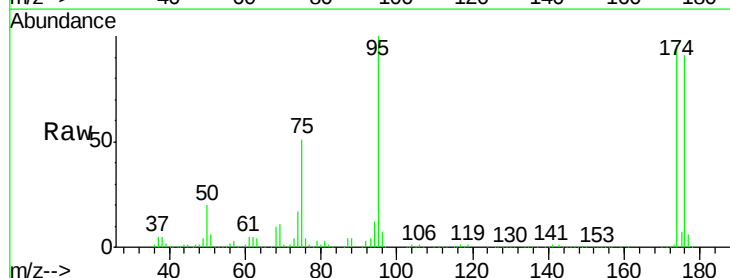
Tgt Ion: 95 Resp: 194779

Ion Ratio Lower Upper

95 100

174 97.3 0.0 187.4

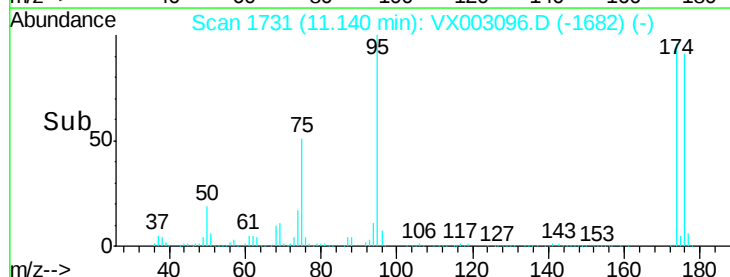
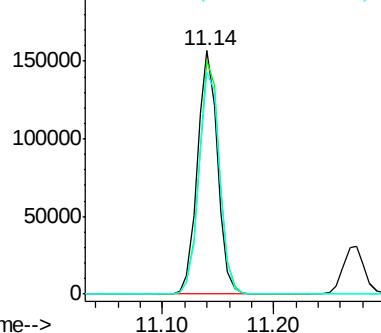
176 94.5 0.0 181.0

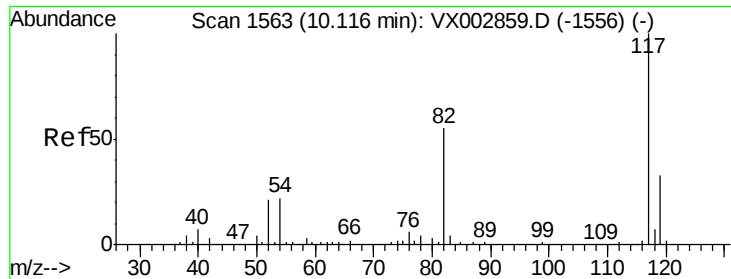


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





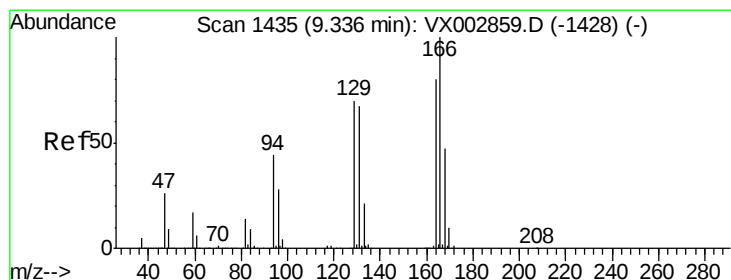
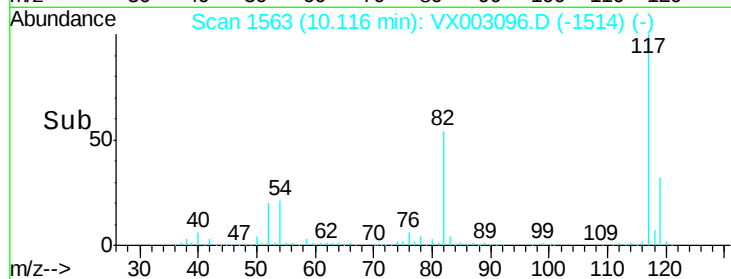
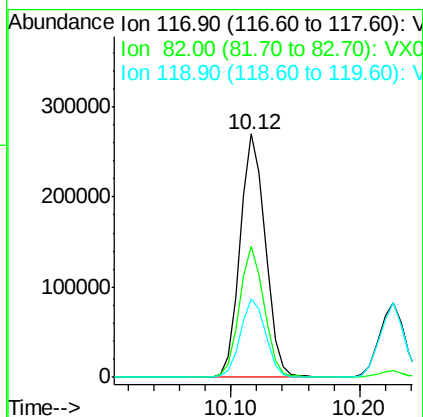
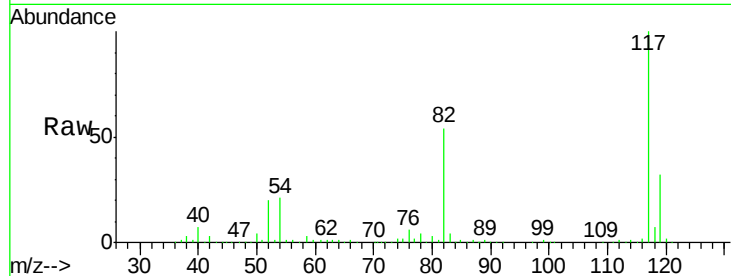
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.3	25.8	38.6

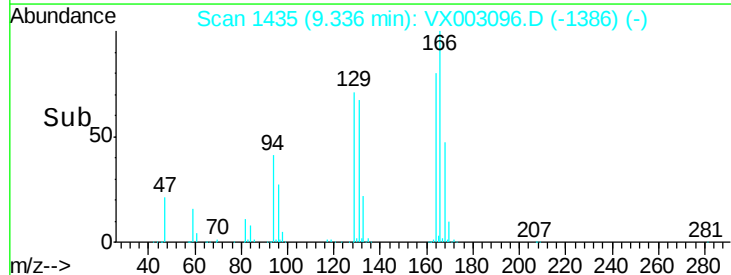
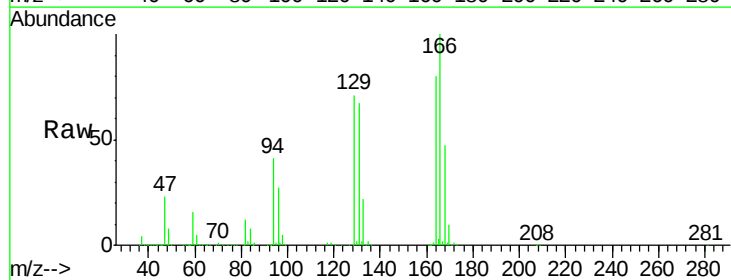
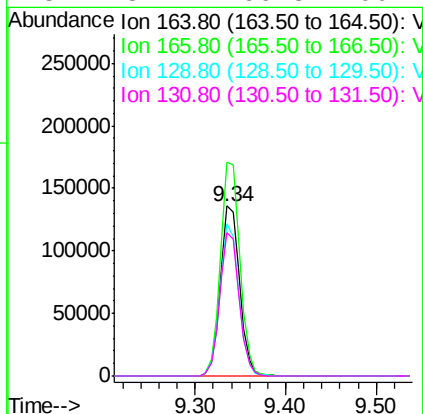
Manual Integrations
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#64
Tetrachloroethene
Concen: 49.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.9	154.3
129	89.6	68.6	102.8
131	84.4	66.8	100.2





#65

Chlorobenzene

Concen: 48.21 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 447933

Ion Ratio Lower Upper

112 100

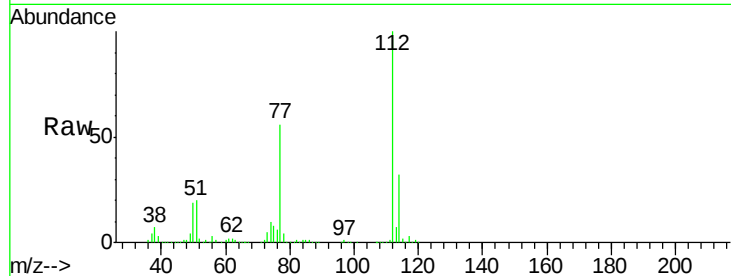
114 32.1 25.3 37.9

Manual Integrations

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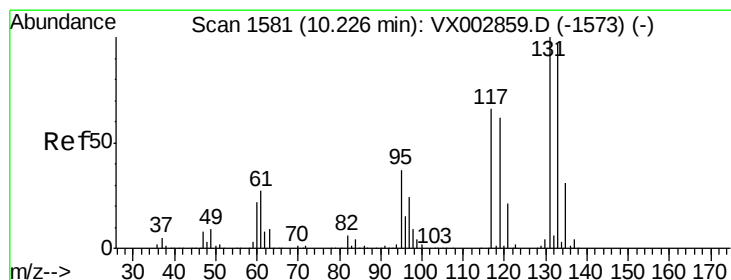
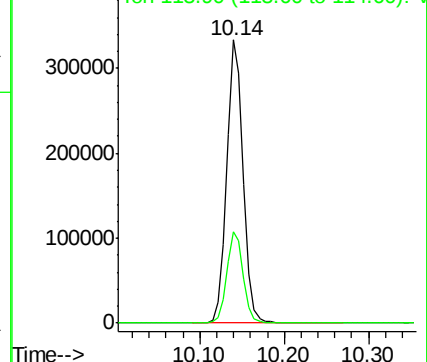
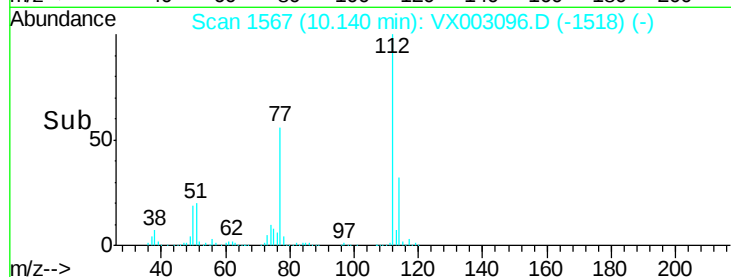
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.10 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

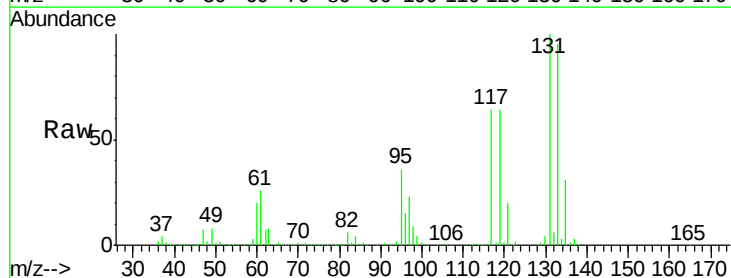
Tgt Ion:131 Resp: 169114

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

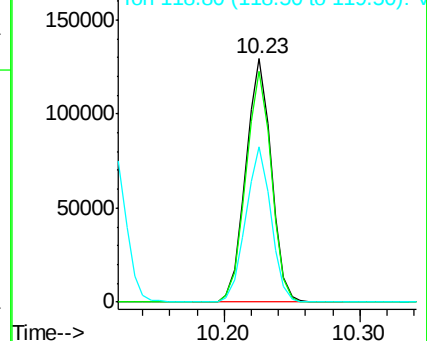
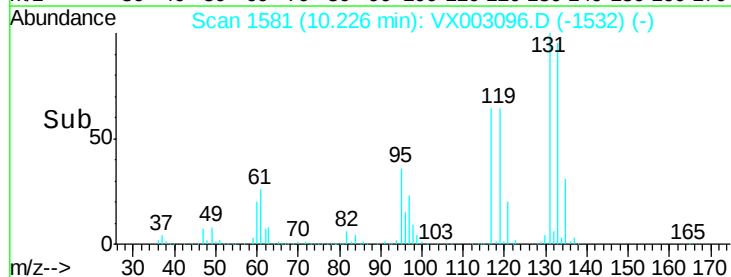
119 63.3 31.8 95.3

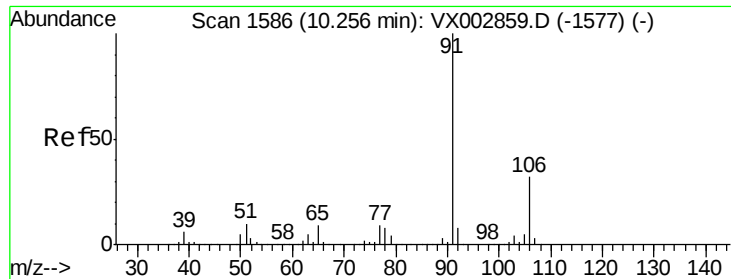


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





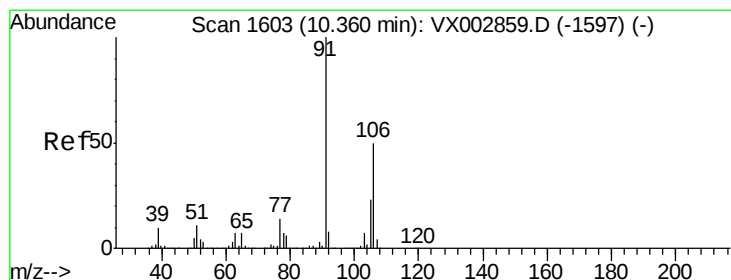
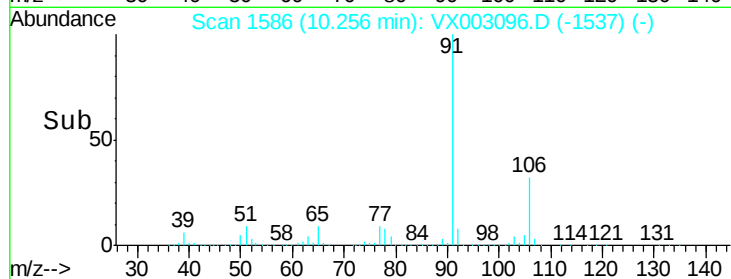
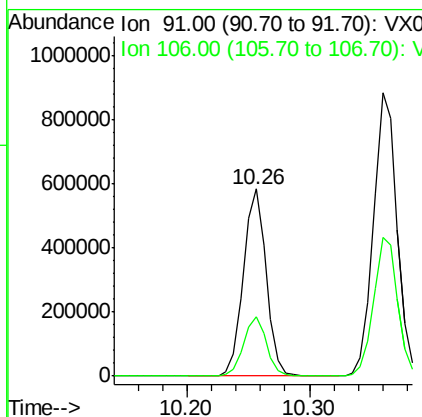
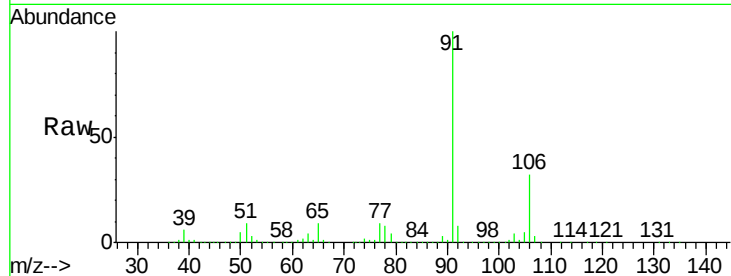
#67
Ethyl Benzene
Concen: 49.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 754685
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

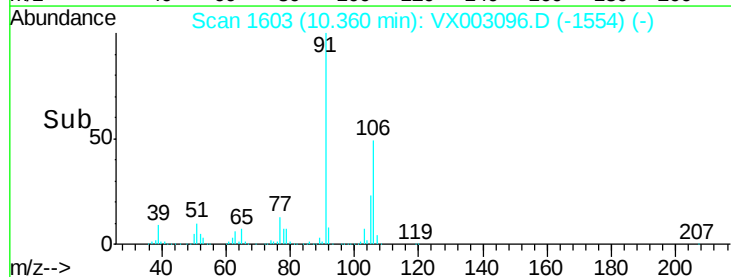
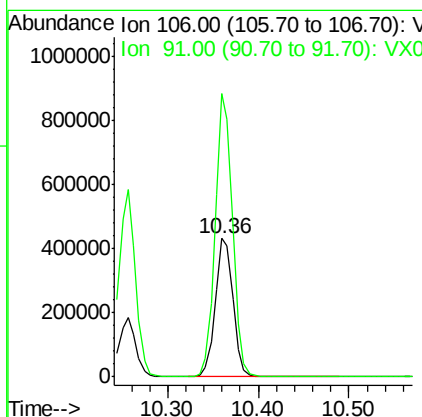
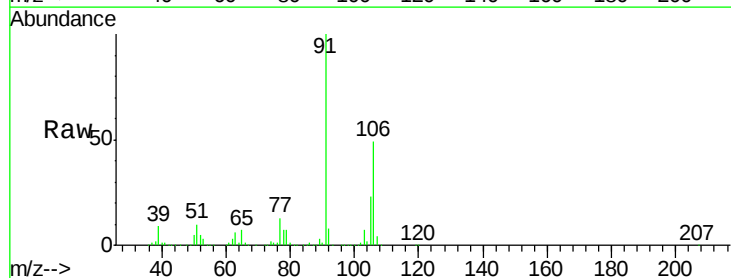
Manual Integrations
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#68
m/p-Xylenes
Concen: 99.85 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 106 Resp: 590669
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.2





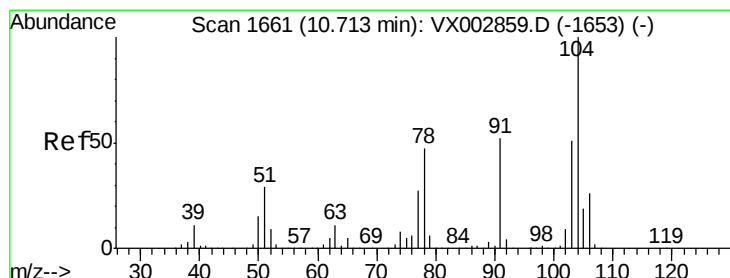
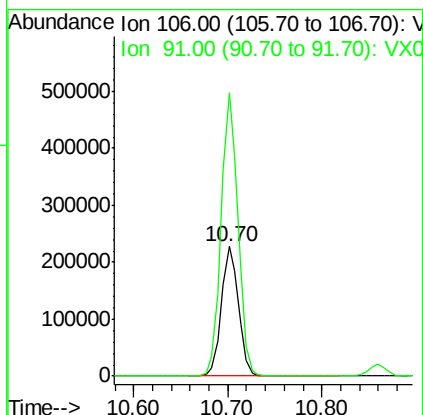
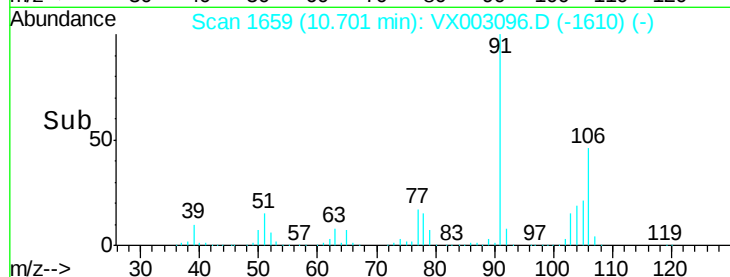
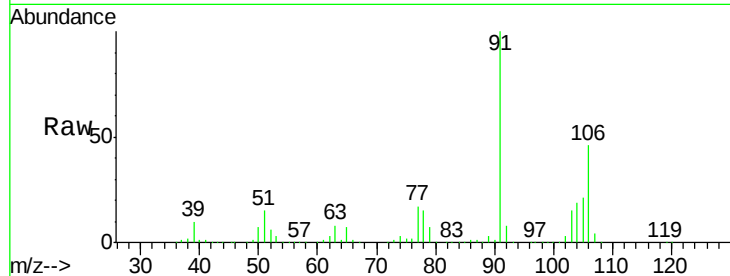
#69
o-Xylene
Concen: 49.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 285972
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6

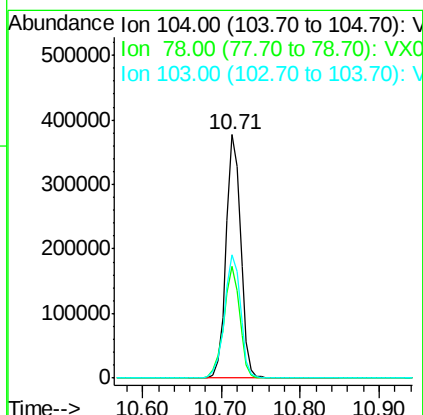
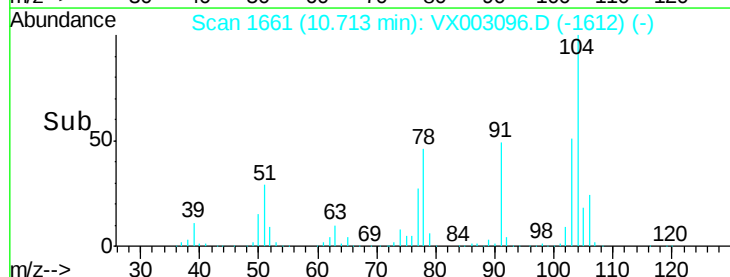
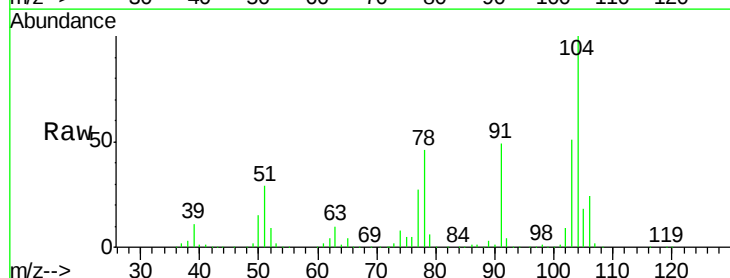
Manual Integrations
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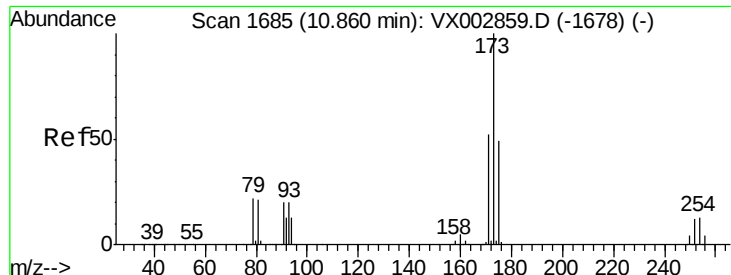
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#70
Styrene
Concen: 51.91 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion:104 Resp: 485841
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.7 44.2 66.4





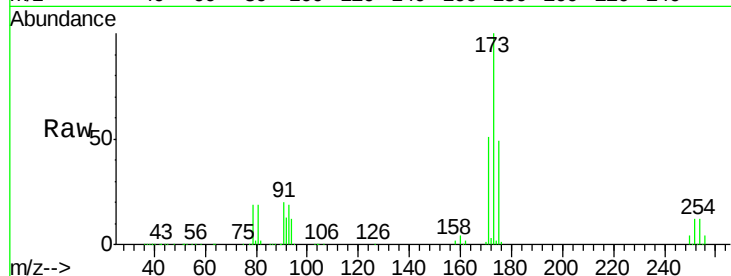
#71
Bromoform
Concen: 45.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

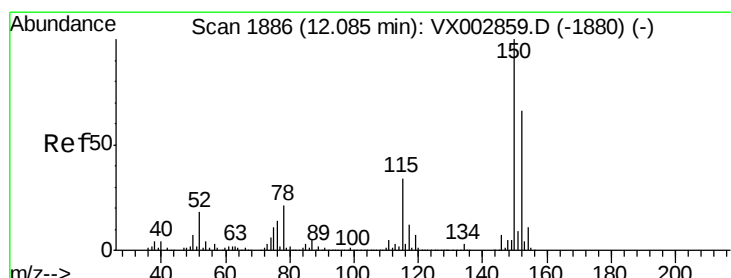
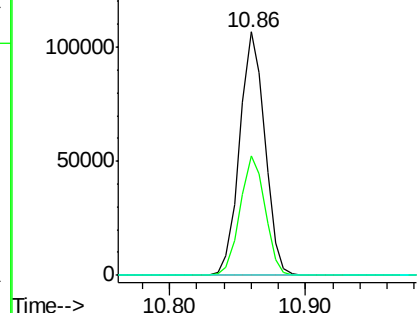
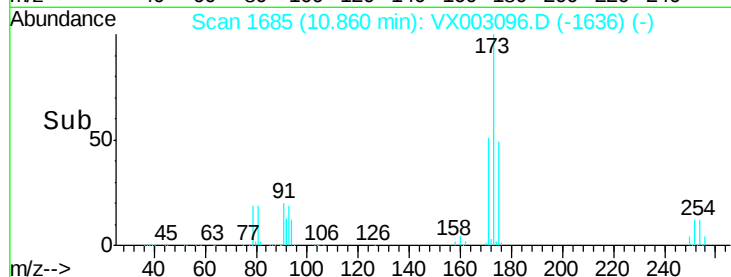
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.7	74.1
254	0.1	0.2	0.2

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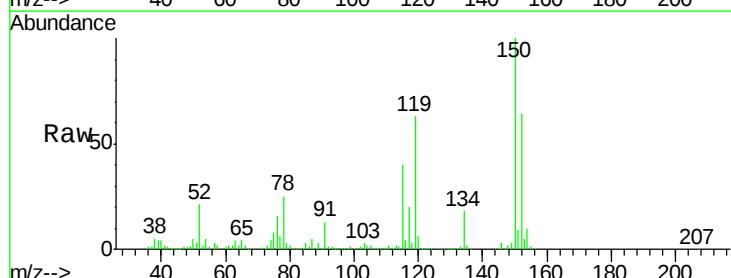


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

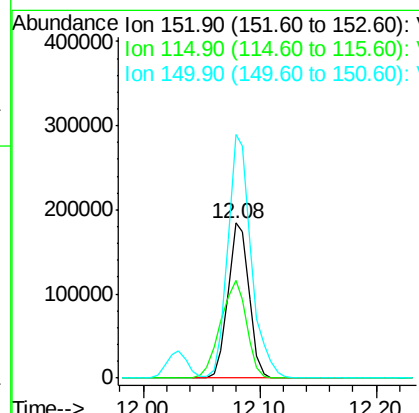
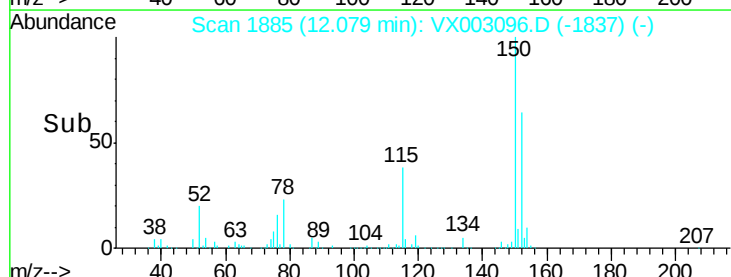


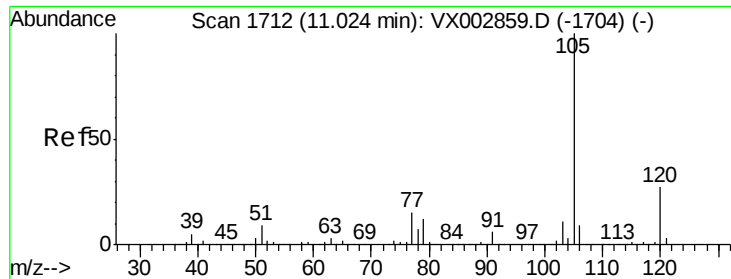
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.1	120.2
150	174.3	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: 50.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 782630

Ion Ratio Lower Upper

105 100

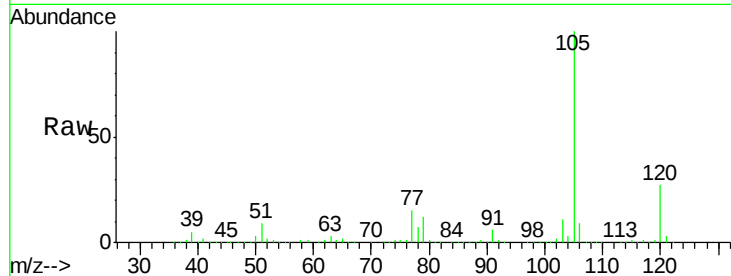
120 27.0 13.5 40.4

Manual Integrations

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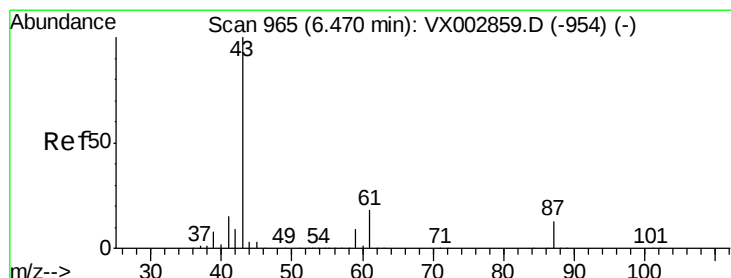
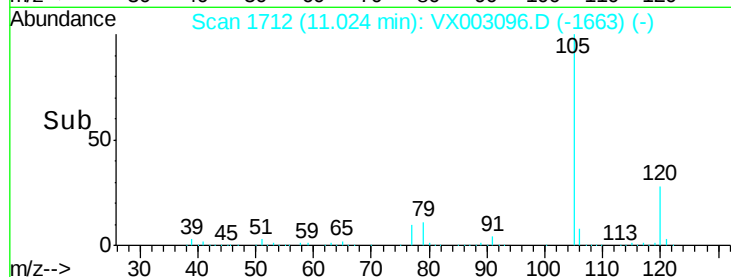
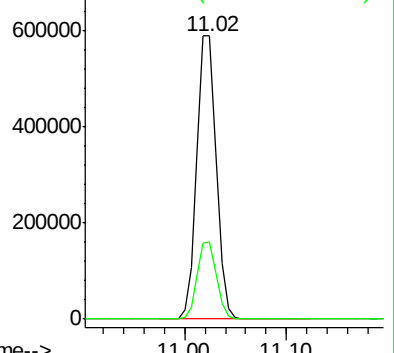
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.39 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion: 43 Resp: 372300

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

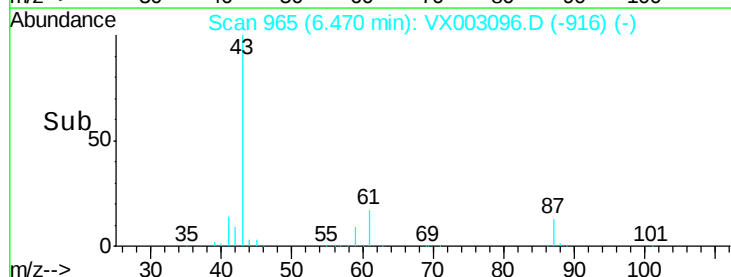
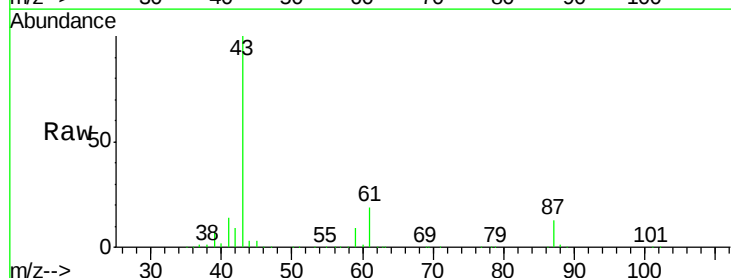
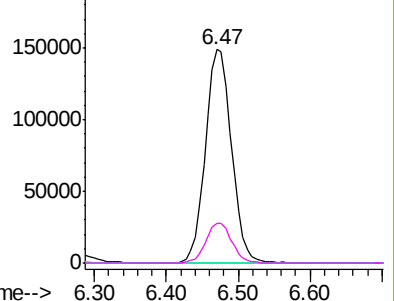
61 18.7 14.4 21.6

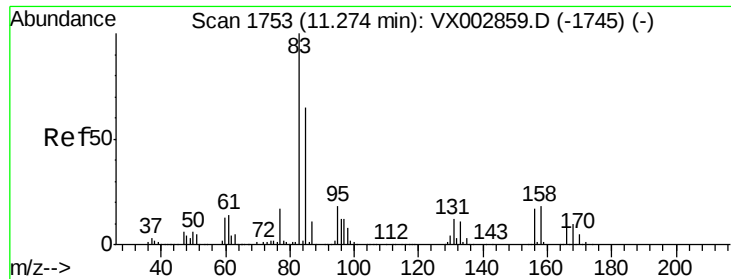
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.09 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

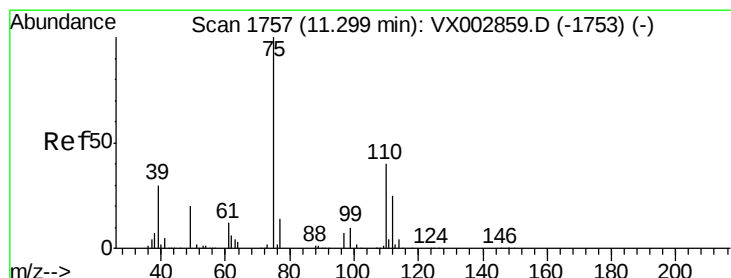
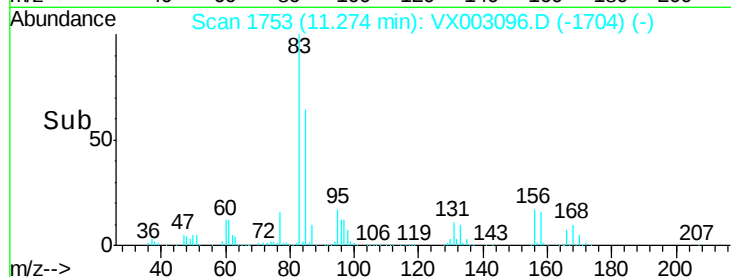
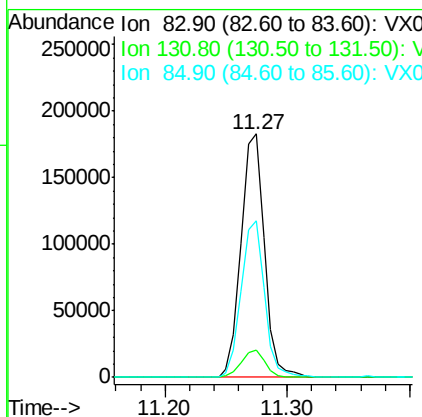
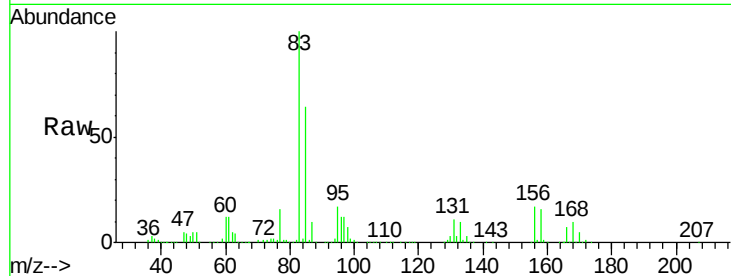
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	242422
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.25 ug/l m

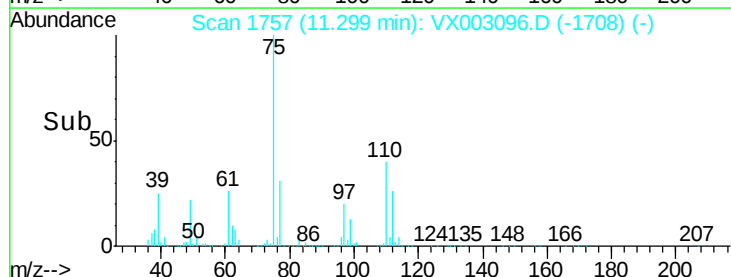
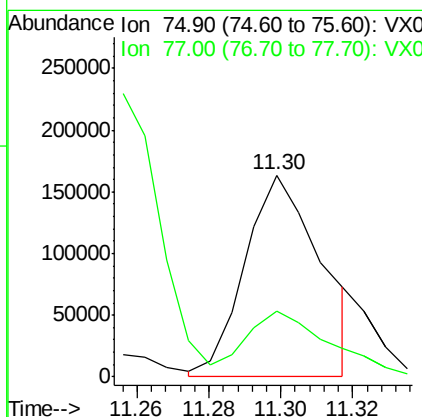
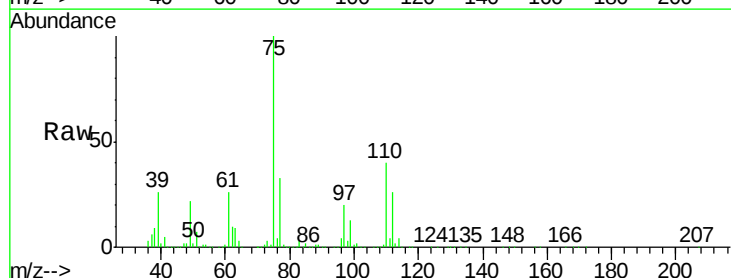
RT: 11.30 min Scan# 1757

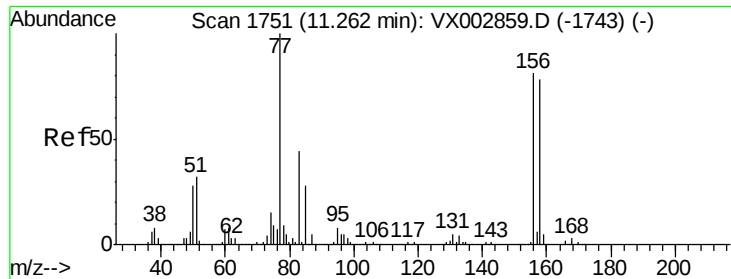
Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	75	Resp:	237485
Ion Ratio	Lower	Upper	
75	100		
77	36.7	22.8	68.3





#77

Bromobenzene

Concen: 49.96 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

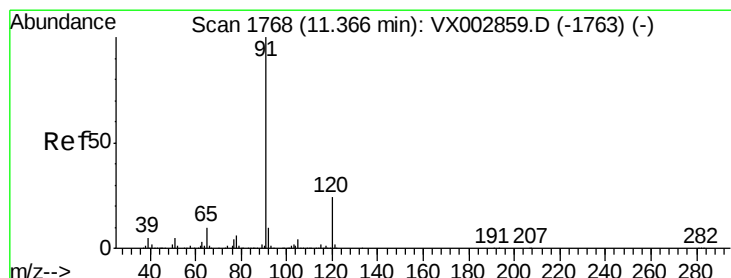
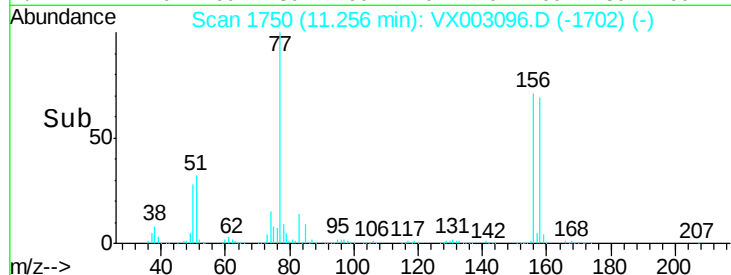
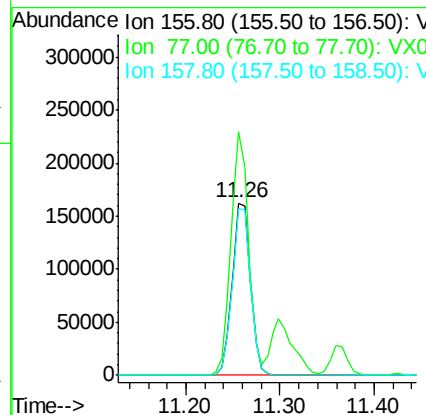
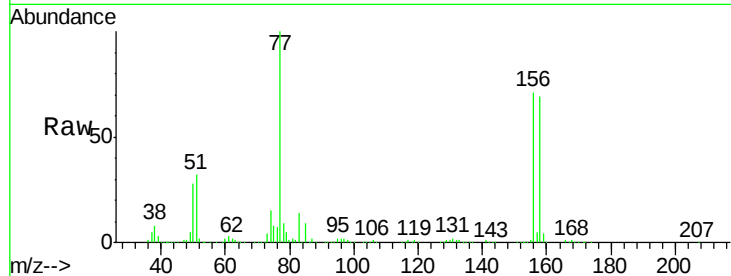
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	219186
Ion Ratio	Lower	Upper	
156	100		
77	136.0	71.4	214.2
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 49.74 ug/l

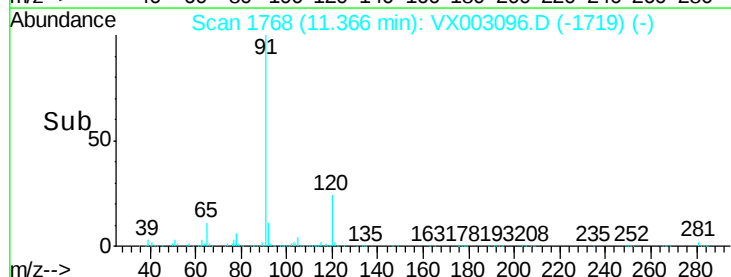
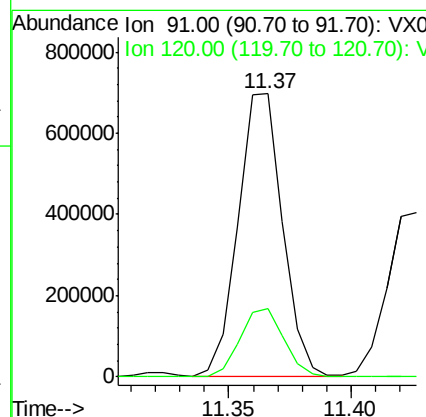
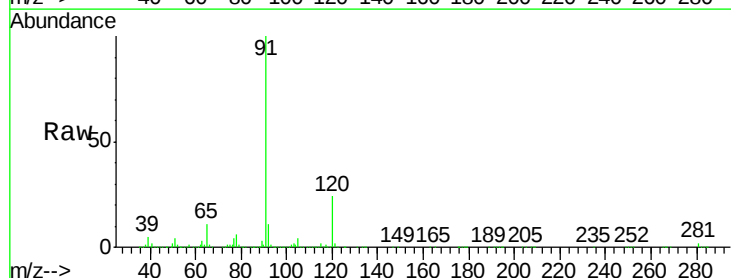
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	91	Resp:	872141
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.4





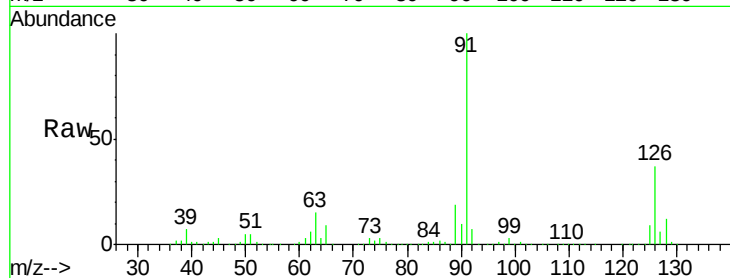
#79
 2-Chlorotoluene
 Concen: 49.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

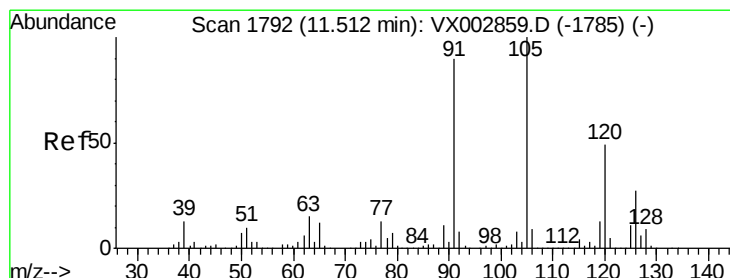
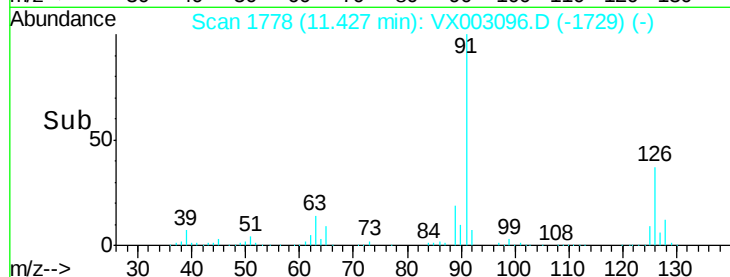
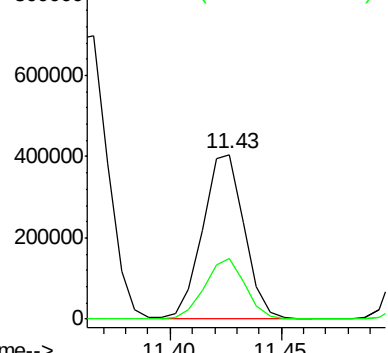
Tot Ion: 91 Resp: 525177
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1

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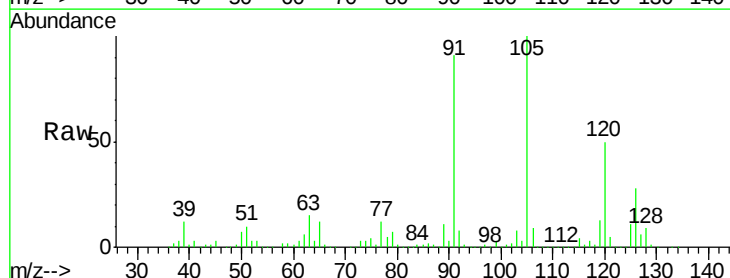


Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)
 Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

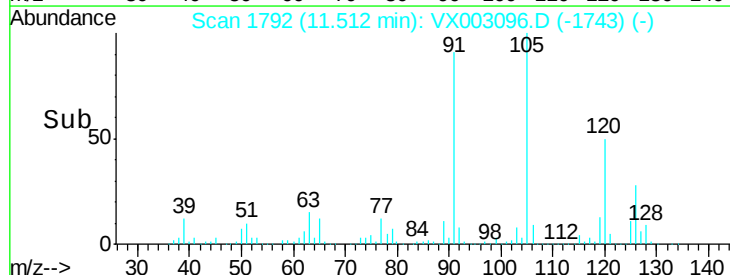
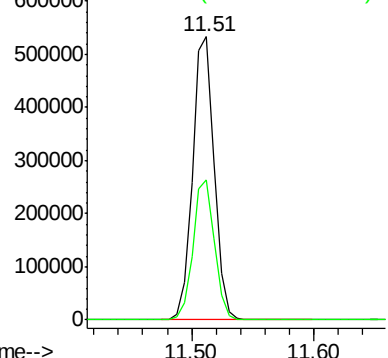


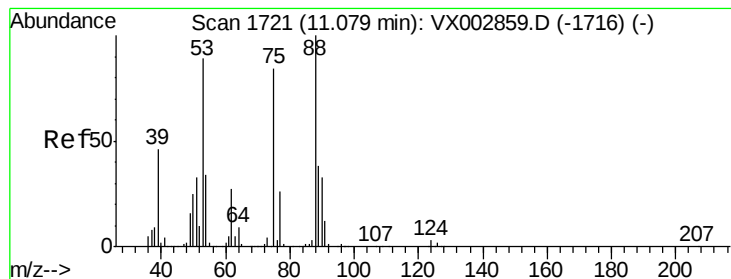
#80
 1,3,5-Trimethylbenzene
 Concen: 50.35 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 105 Resp: 653316
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)
 Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.50 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

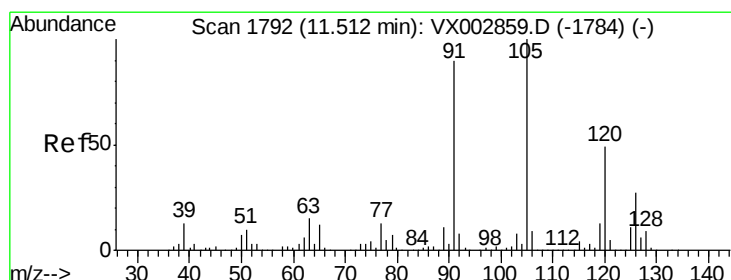
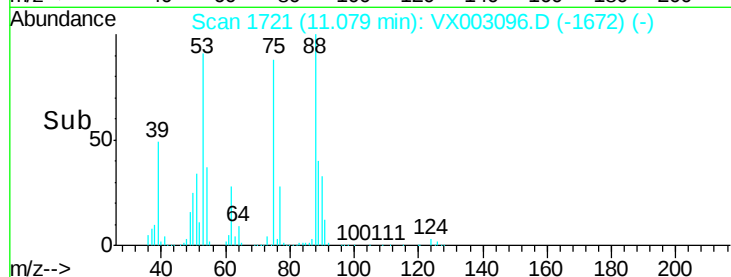
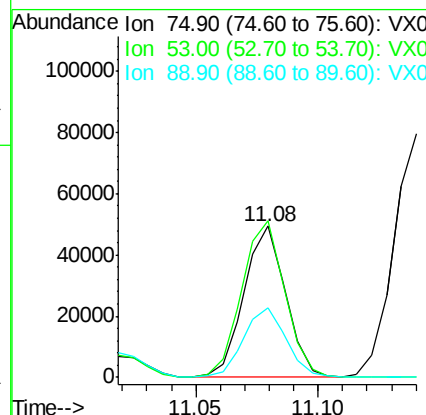
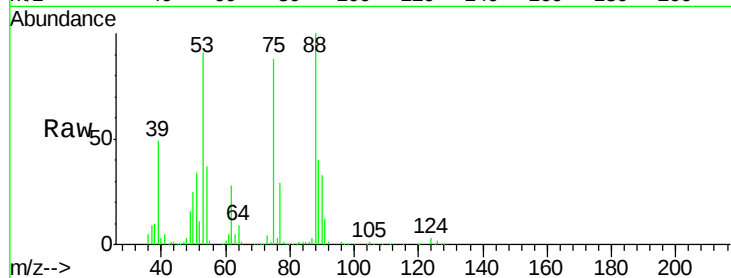
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	58451
Ion	Ratio	Lower	Upper
75	100		
53	106.9	86.8	130.2
89	47.2	38.2	57.2

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#82

4-Chlorotoluene

Concen: 49.28 ug/l

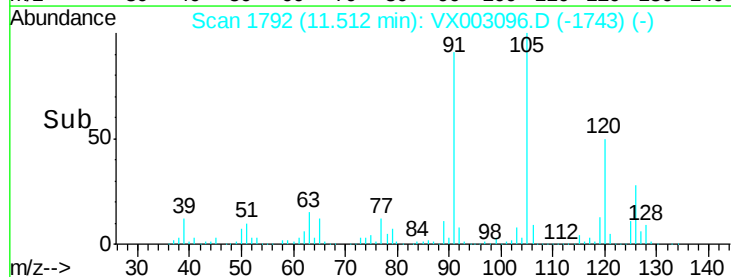
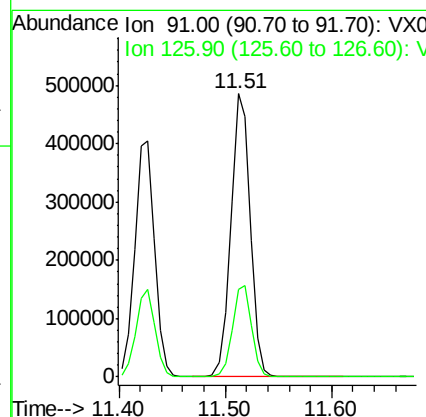
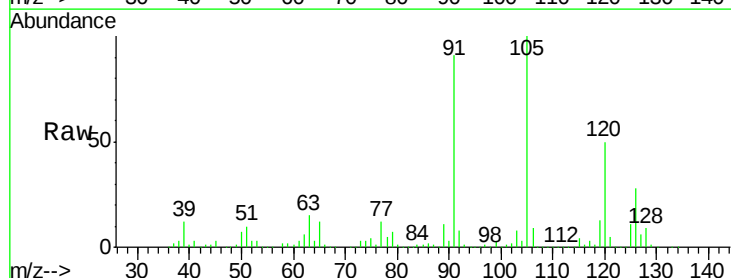
RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	91	Resp:	619370
Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.4	46.4





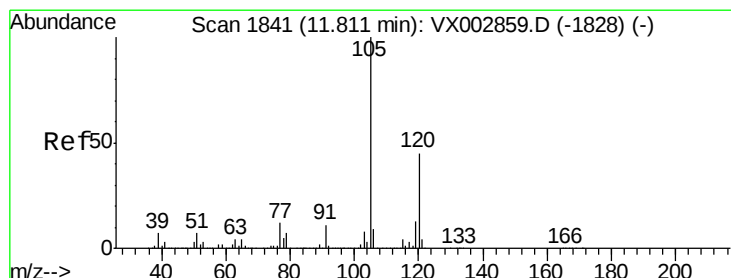
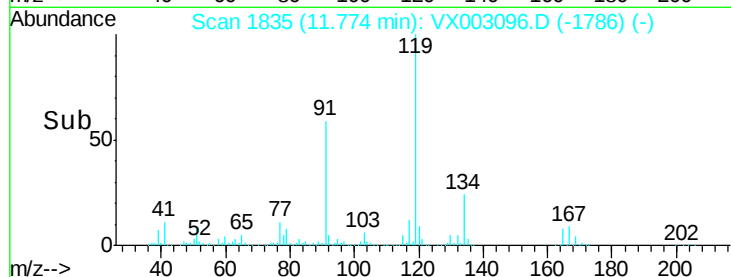
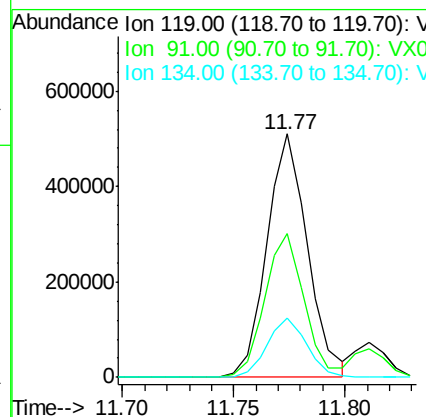
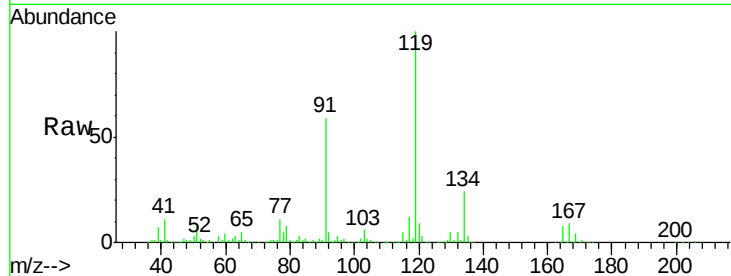
#83
tert-Butylbenzene
Concen: 50.45 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	645125		
91	56.4	30.3	90.9	
134	23.5	11.7	35.1	

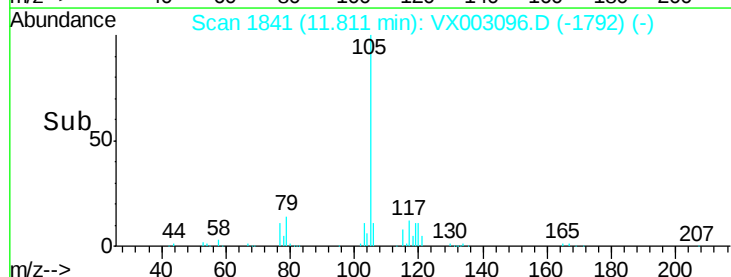
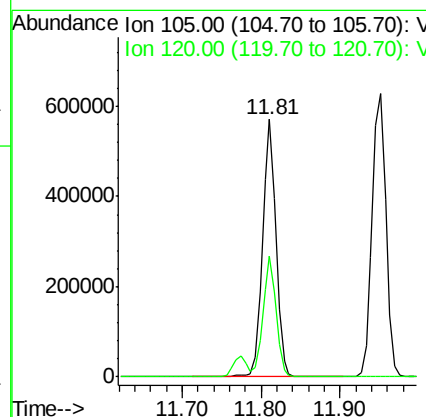
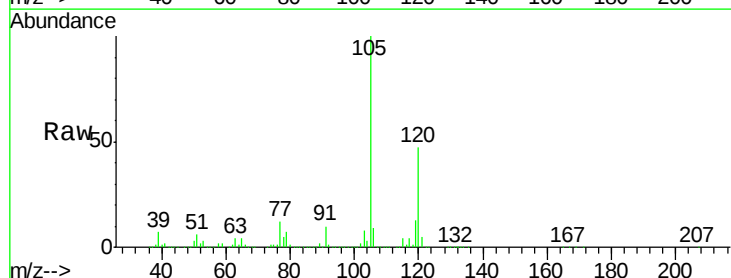
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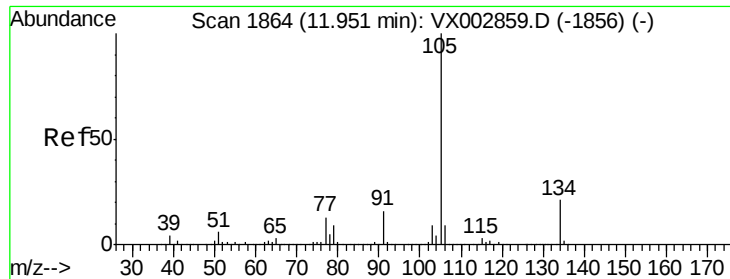
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#84
1,2,4-Trimethylbenzene
Concen: 50.24 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	675394		
120	45.8	22.3	66.8	





#85

sec-Butylbenzene

Concen: 49.27 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 764375

Ion Ratio Lower Upper

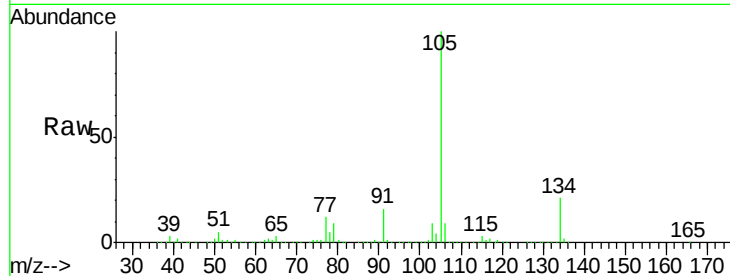
105 100

134 21.1 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

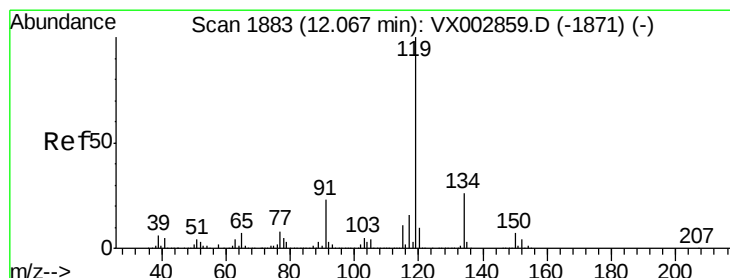
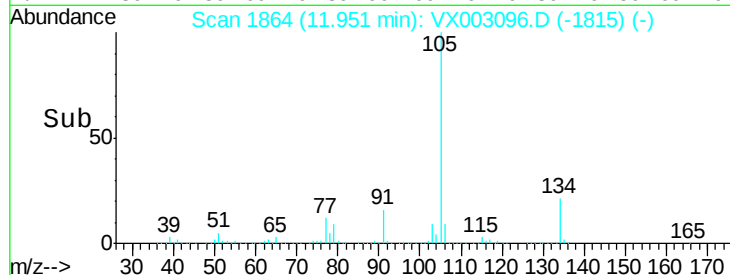
400000

200000

0

11.95

Time-->



#86

p-Isopropyltoluene

Concen: 49.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

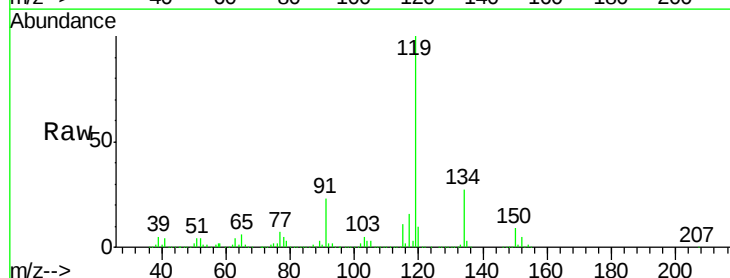
Tgt Ion:119 Resp: 696728

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.9 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

800000

600000

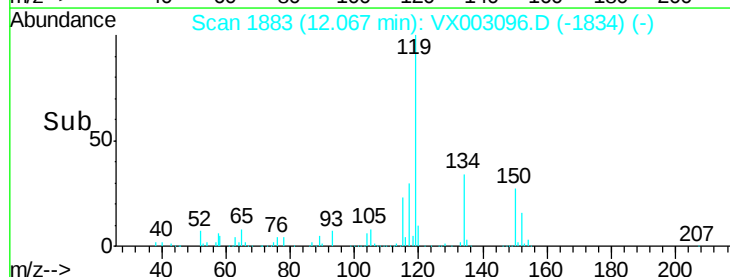
400000

200000

0

12.07

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.08 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

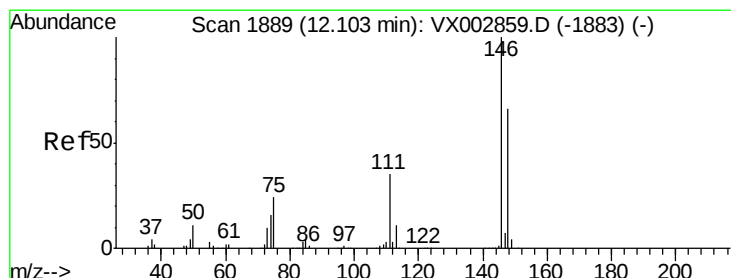
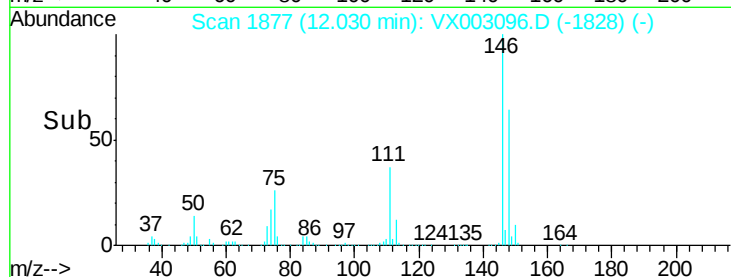
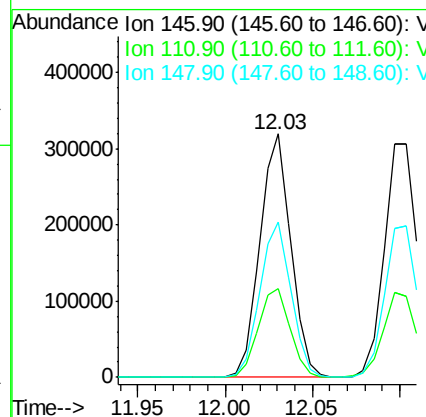
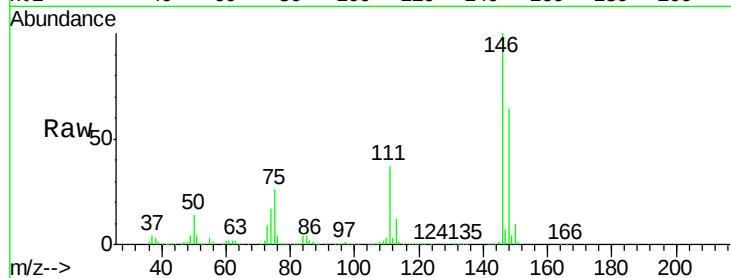
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	393249
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.7
148	64.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 48.56 ug/l

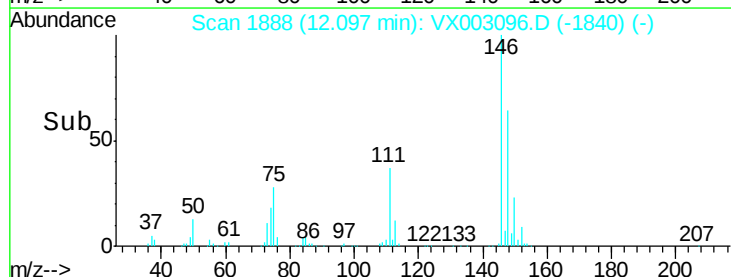
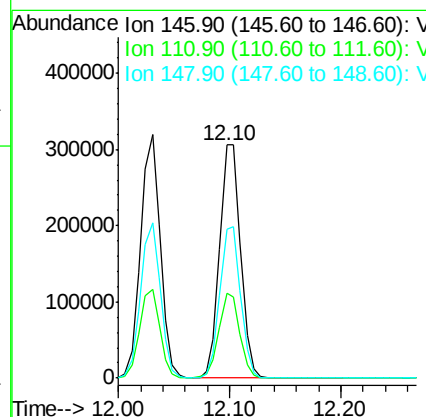
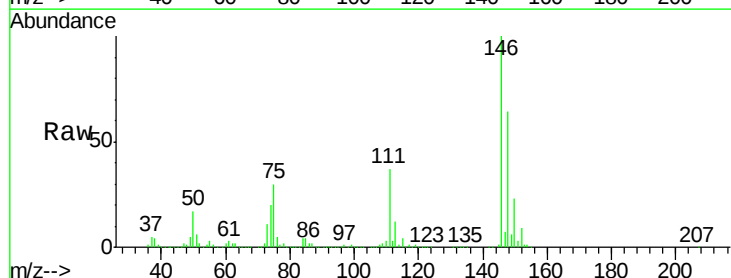
RT: 12.10 min Scan# 1888

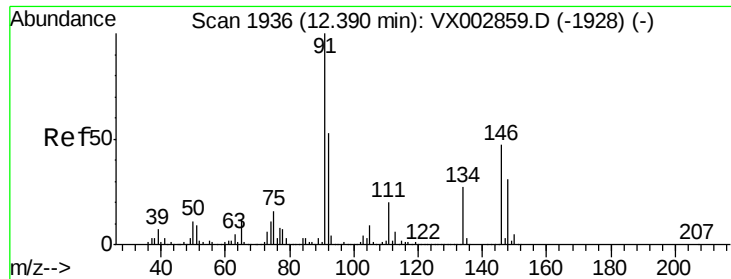
Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	146	Resp:	400386
Ion Ratio	Lower	Upper	
146	100		
111	36.1	18.7	56.1
148	64.4	32.4	97.0





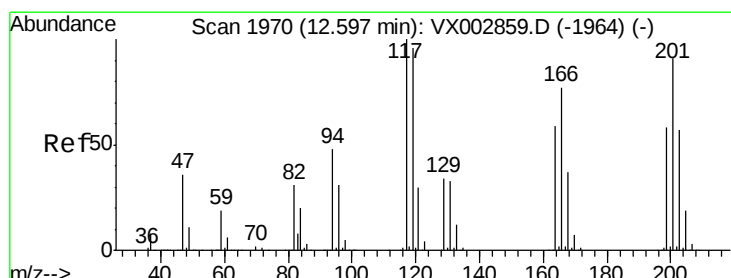
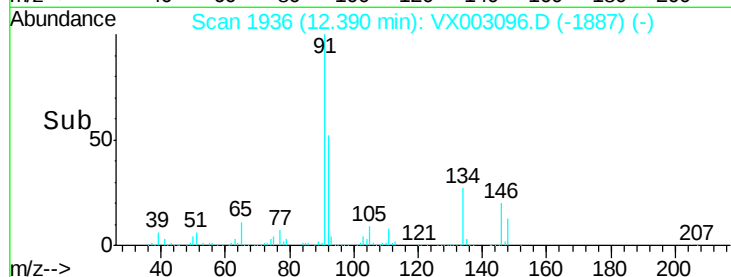
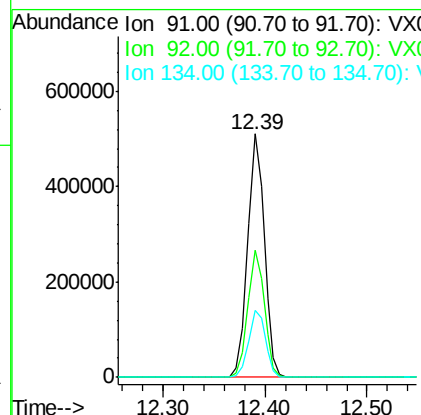
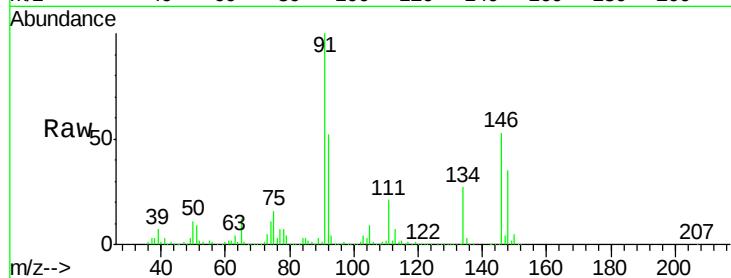
#89
n-Butylbenzene
Concen: 47.42 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	28.0	13.5	40.5

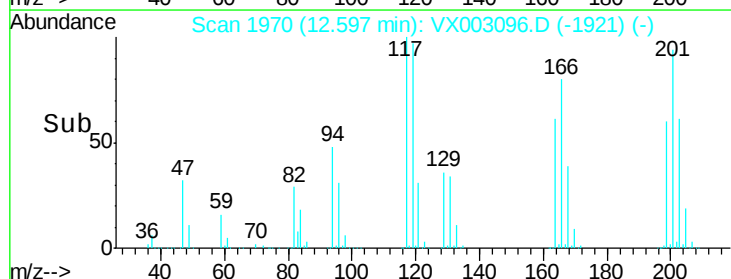
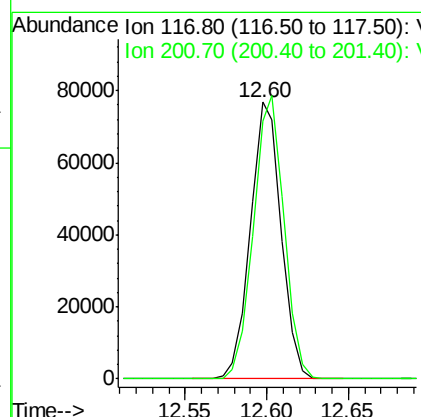
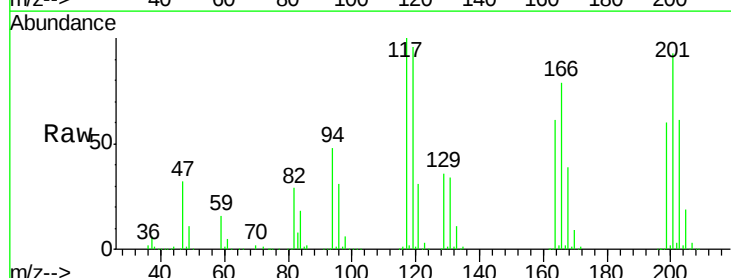
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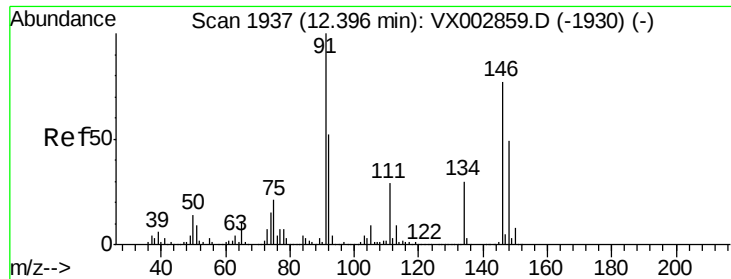
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#90
Hexachloroethane
Concen: 48.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.6	49.0	147.0





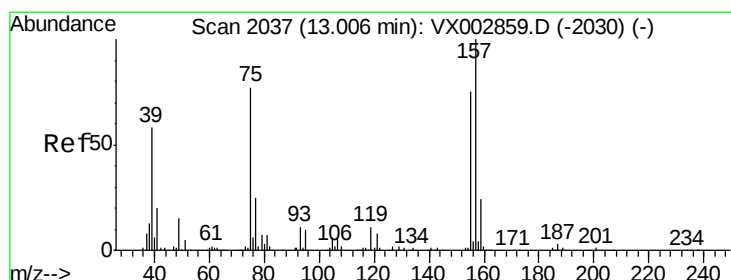
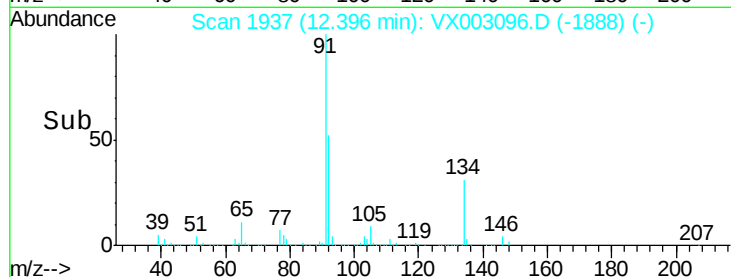
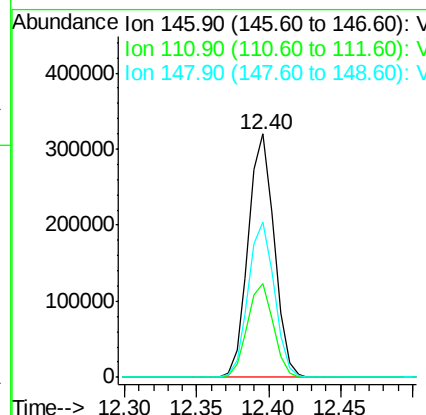
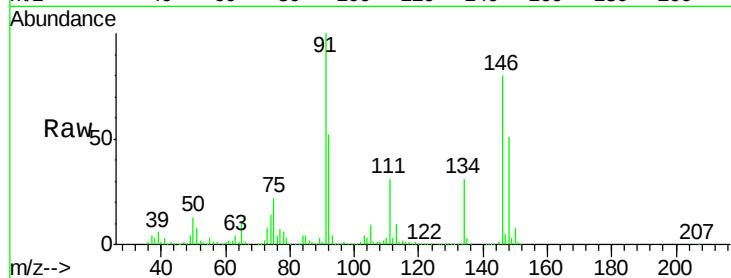
#91
 1,2-Dichlorobenzene
 Concen: 49.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.3	31.7	95.1

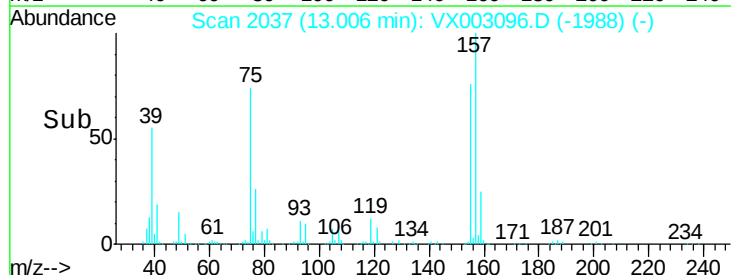
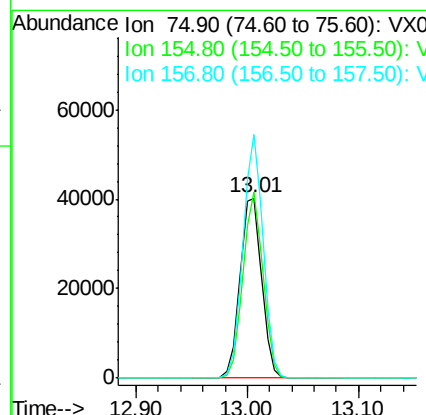
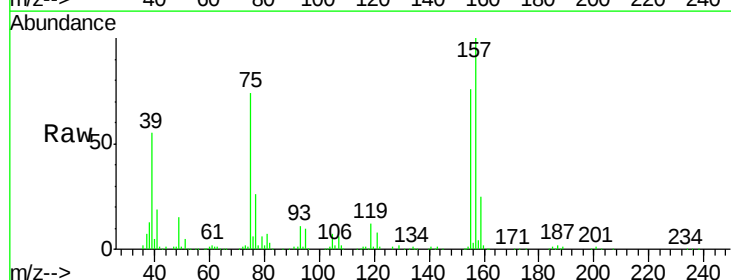
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	45.8	137.4
157	126.3	60.1	180.3





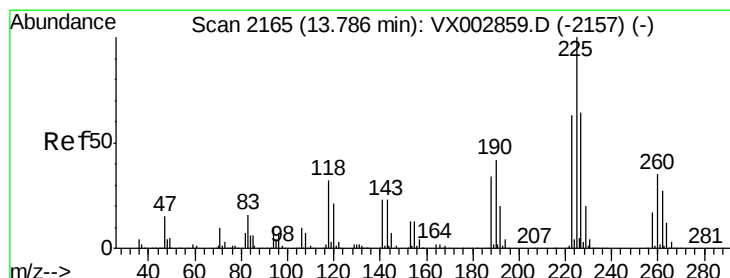
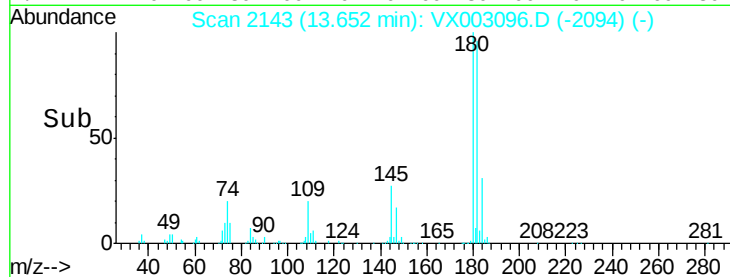
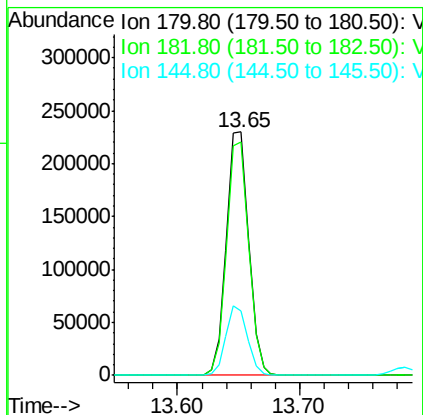
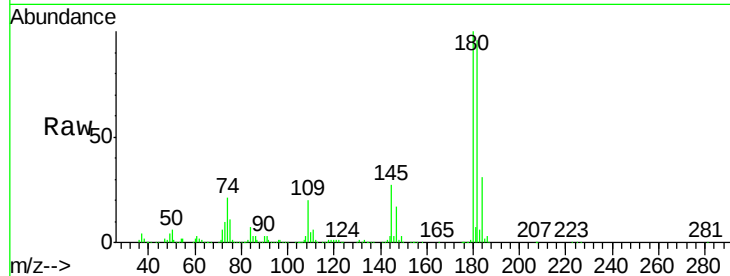
#93
1,2,4-Trichlorobenzene
Concen: 49.24 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	289809		
182	94.9	47.7	143.1	
145	27.5	14.1	42.4	

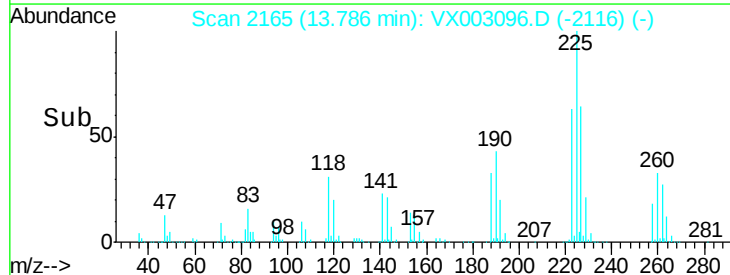
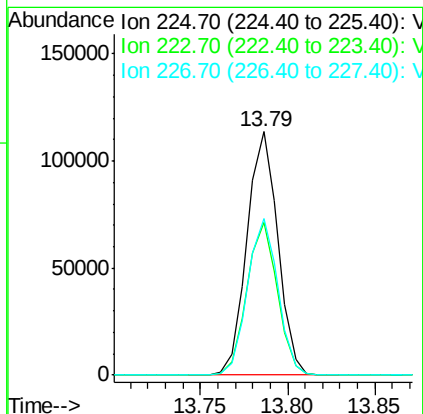
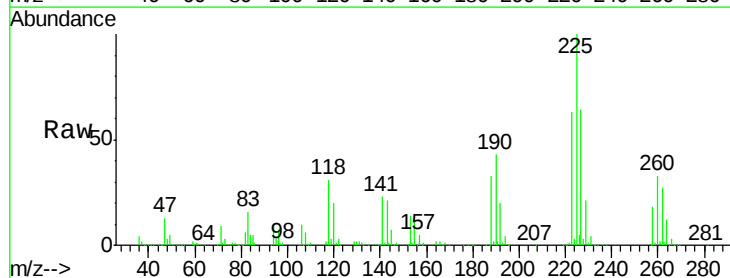
Manual Integrations
APPROVED

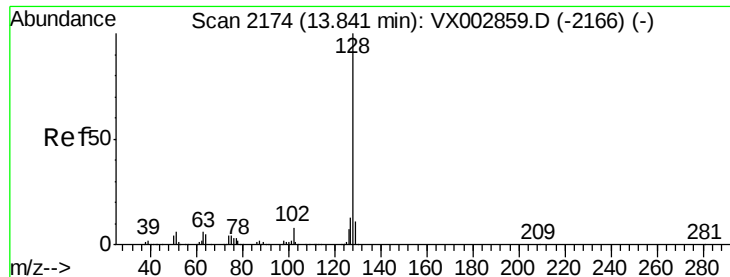
apatel
7/2/2018 4:19:44 PM



#94
Hexachlorobutadiene
Concen: 47.41 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139182		
223	62.1	31.6	95.0	
227	63.5	32.4	97.2	





#95

Naphthalene

Concen: 53.45 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

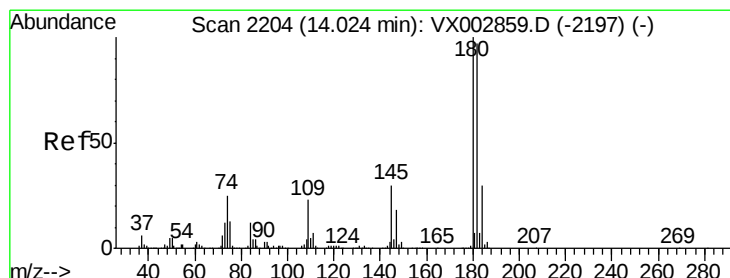
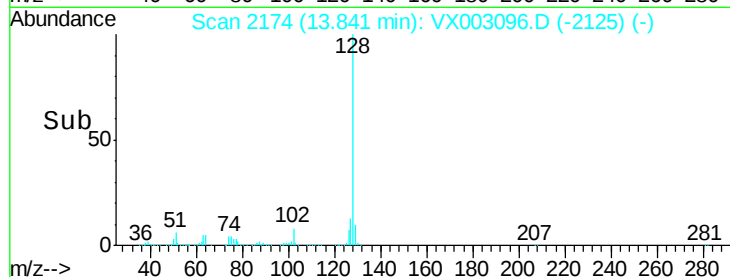
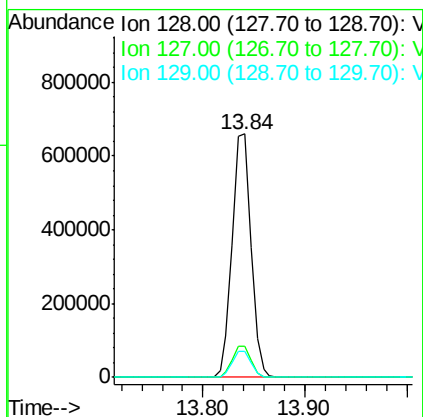
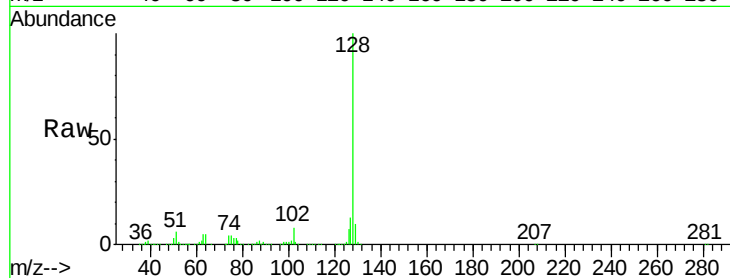
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	837870
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:19:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion:	180	Resp:	295888
Ion Ratio	Lower	Upper	
180	100		
182	97.0	48.0	144.0
145	29.1	14.8	44.3

