

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003071.D
 Acq On : 30 Jun 2018 10:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Jul 02 03:10:50 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	298929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181810	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	5.50	113	152814	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.72	98	544111	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	206264	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	145353	54.49	ug/l	97
3) Chloromethane	1.32	50	135000	48.69	ug/l	99
4) Vinyl Chloride	1.40	62	152403	45.08	ug/l	96
5) Bromomethane	1.64	94	78671	49.84	ug/l	100
6) Chloroethane	1.72	64	94853	47.73	ug/l	98
7) Trichlorofluoromethane	1.93	101	249407	43.74	ug/l	98
8) Diethyl Ether	2.19	74	90251	43.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148587	44.97	ug/l	98
10) Methyl Iodide	2.51	142	137538	42.16	ug/l	98
11) Tert butyl alcohol	3.07	59	160527	195.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128368	43.54	ug/l	93
13) Acrolein	2.29	56	86524	190.64	ug/l	99
14) Allyl chloride	2.73	41	252846	43.51	ug/l	96
15) Acrylonitrile	3.15	53	367665	209.13	ug/l	100
16) Acetone	2.45	43	468566	273.84	ug/l	97
17) Carbon Disulfide	2.57	76	338292	43.07	ug/l	98
18) Methyl Acetate	2.78	43	177127	37.02	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	457869	43.20	ug/l	99
20) Methylene Chloride	2.85	84	141716	42.56	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138490	43.13	ug/l	96
22) Diisopropyl ether	3.87	45	480119	43.22	ug/l	99
23) Vinyl Acetate	3.82	43	2086593	221.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258382	42.79	ug/l	100
25) 2-Butanone	4.70	43	610249	240.31	ug/l	99
26) 2,2-Dichloropropane	4.58	77	230634	46.98	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	166642	46.29	ug/l	94
28) Bromochloromethane	5.02	49	129692	44.88	ug/l	91
29) Tetrahydrofuran	5.16	42	345756	212.32	ug/l	96
30) Chloroform	5.21	83	283662	45.78	ug/l	96
31) Cyclohexane	5.57	56	237276	45.79	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	254078	46.61	ug/l	98
36) 1,1-Dichloropropene	5.80	75	208583	47.92	ug/l	99
37) Ethyl Acetate	4.86	43	216009	46.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	229316	48.01	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242086	47.75	ug/l	96
40) Benzene	6.15	78	609686	48.21	ug/l	100
41) Methacrylonitrile	5.06	41	125172	46.38	ug/l	98
42) 1,2-Dichloroethane	6.20	62	229898	45.00	ug/l	98
43) Isopropyl Acetate	6.46	43	354292	45.08	ug/l	98
44) Trichloroethene	7.21	130	181607	48.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	159280	47.48	ug/l	98
46) Dibromomethane	7.67	93	108583	46.64	ug/l	95
47) Bromodichloromethane	7.90	83	208975	48.55	ug/l	97
48) Methyl methacrylate	7.78	41	184659	45.60	ug/l	95
49) 1,4-Dioxane	7.76	88	71481	907.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1118586	227.47	ug/l	98
52) Toluene	8.79	92	395396	48.80	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	245817	50.43	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	229092	48.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160303	48.15	ug/l	97
56) Ethyl methacrylate	9.18	69	239634	49.25	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258517	47.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	587355	250.22	ug/l	97
59) 2-Hexanone	9.50	43	876079	234.41	ug/l	97
60) Dibromochloromethane	9.59	129	171666	48.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166145	47.58	ug/l	100
64) Tetrachloroethene	9.34	164	202334	49.25	ug/l	97
65) Chlorobenzene	10.14	112	453023	48.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168606	49.46	ug/l	99
67) Ethyl Benzene	10.26	91	771771	49.78	ug/l	99
68) m/p-Xylenes	10.36	106	603901	101.07	ug/l	98
69) o-Xylene	10.70	106	289709	49.80	ug/l	98
70) Styrene	10.71	104	491035	51.94	ug/l	99
71) Bromoform	10.86	173	133530	43.87	ug/l	99
73) Isopropylbenzene	11.02	105	785031	50.64	ug/l	100
74) N-amyl acetate	6.46	43	354292	46.71	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225168	47.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226927m	54.36	ug/l	
77) Bromobenzene	11.26	156	214413	48.57	ug/l	97
78) n-propylbenzene	11.37	91	887950	50.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	524529	49.10	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	657510	50.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63191	44.33	ug/l	98
82) 4-Chlorotoluene	11.51	91	624895	49.41	ug/l	99
83) tert-Butylbenzene	11.77	119	641820	49.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	673005	49.75	ug/l	98
85) sec-Butylbenzene	11.95	105	778398	49.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	715455	50.98	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	399297	49.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	404138	48.70	ug/l	99
89) n-Butylbenzene	12.39	91	619801	50.74	ug/l	99
90) Hexachloroethane	12.60	117	99298	47.57	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	397017	48.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48606	45.28	ug/l	96

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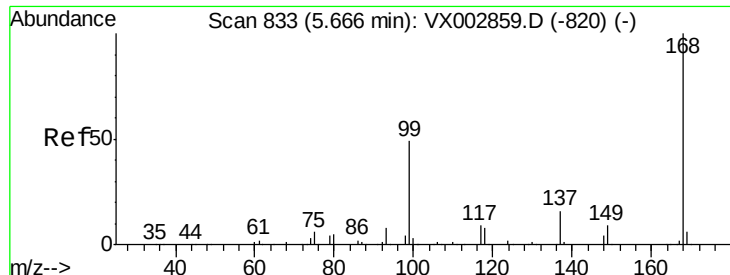
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300485	50.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	153499	51.96	ug/l	99
95) Naphthalene	13.84	128	797576	50.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295696	49.98	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 298929

Ion Ratio Lower Upper

168 100

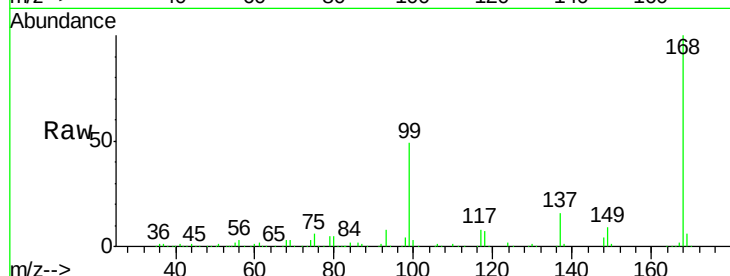
99 48.4 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

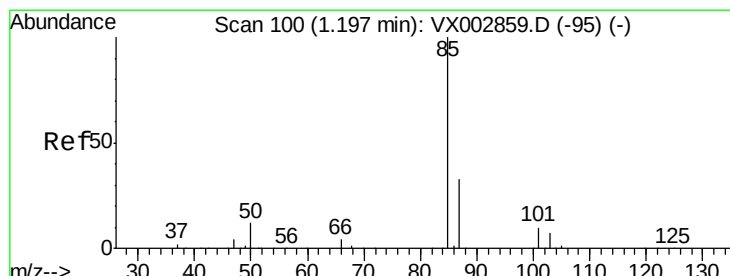
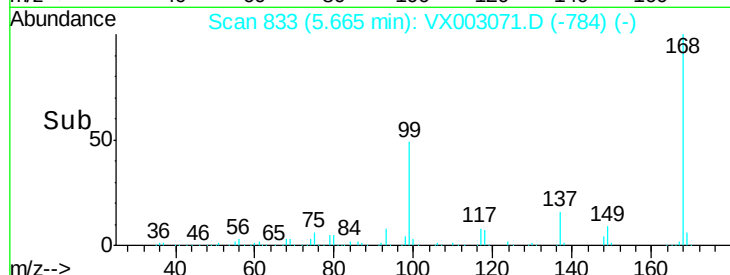
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003071.D

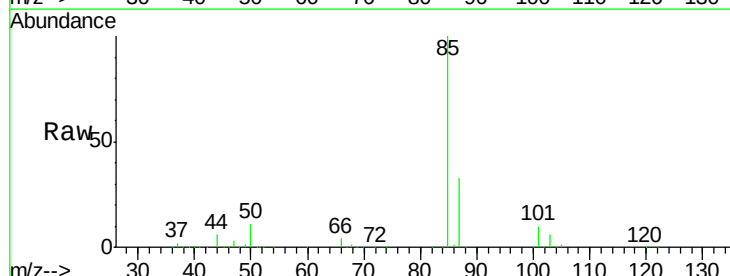
Acq: 30 Jun 2018 10:57

Tgt Ion: 85 Resp: 145353

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

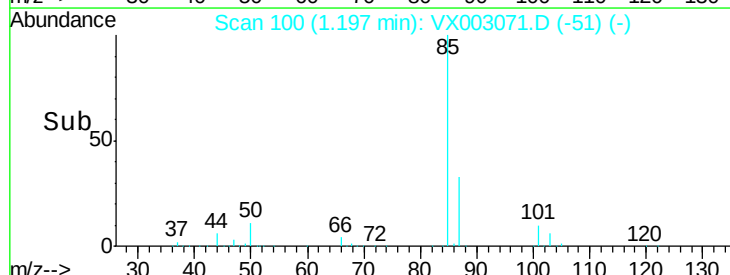
1.15

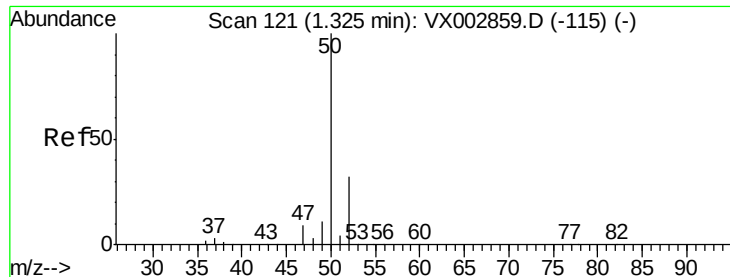
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 48.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 135000

Ion Ratio Lower Upper

50 100

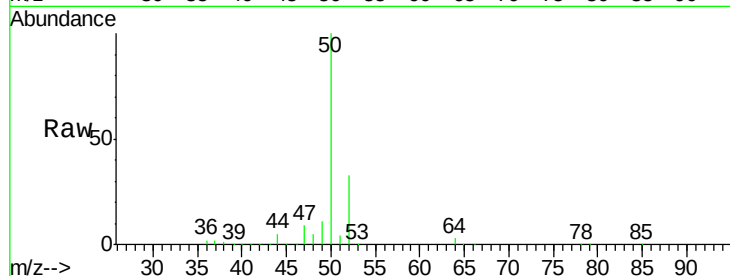
52 32.5 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

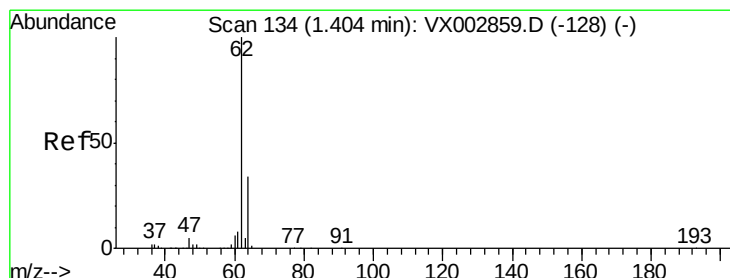
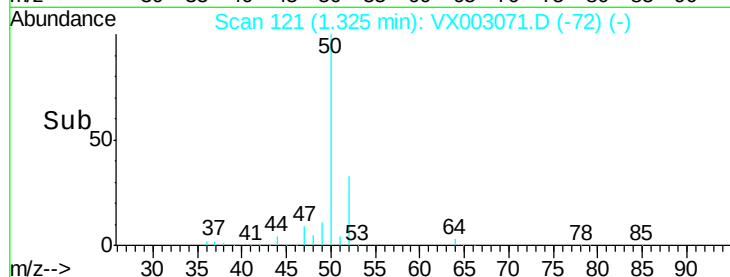
1.32

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003071.D

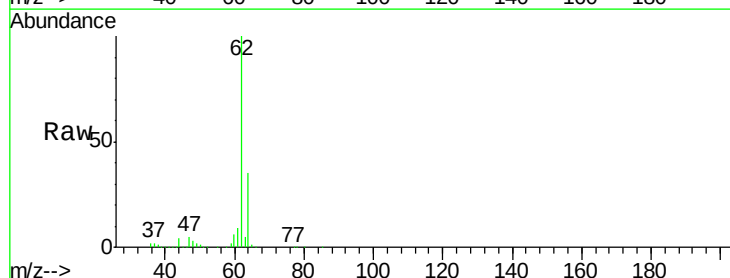
Acq: 30 Jun 2018 10:57

Tgt Ion: 62 Resp: 152403

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

1.40

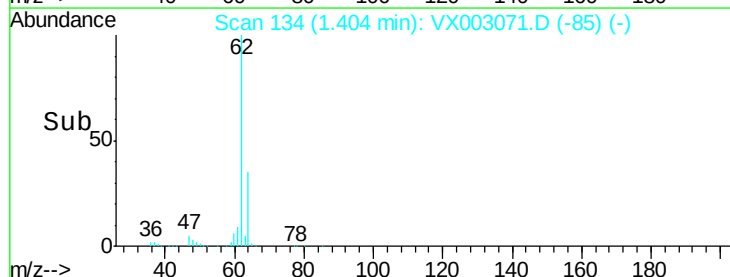
150000

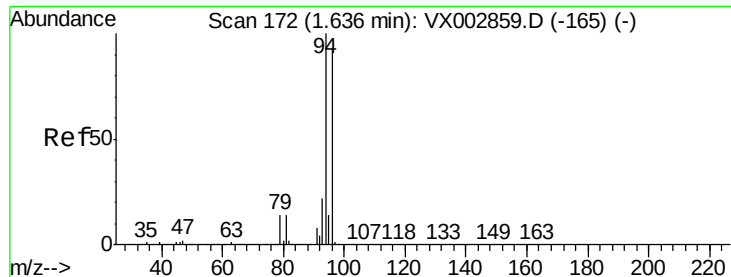
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78671

Ion Ratio Lower Upper

94 100

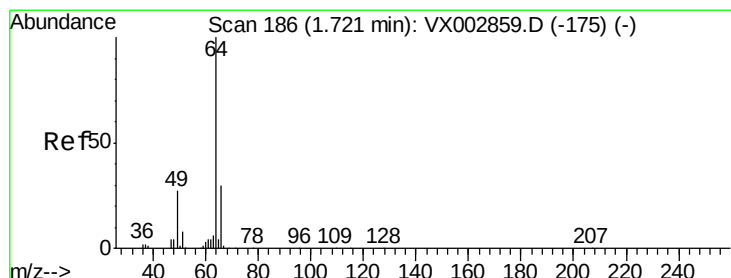
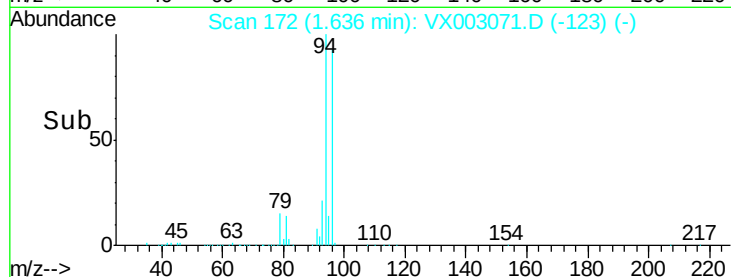
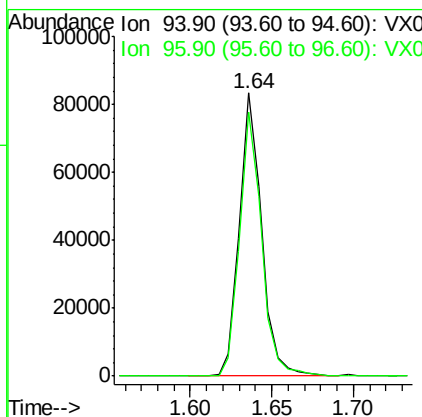
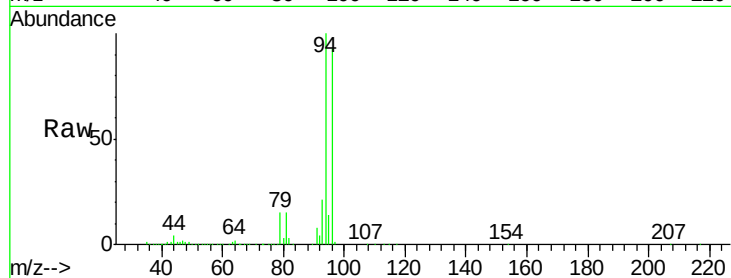
96 93.5 74.9 112.3

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#6

Chloroethane

Concen: 47.73 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003071.D

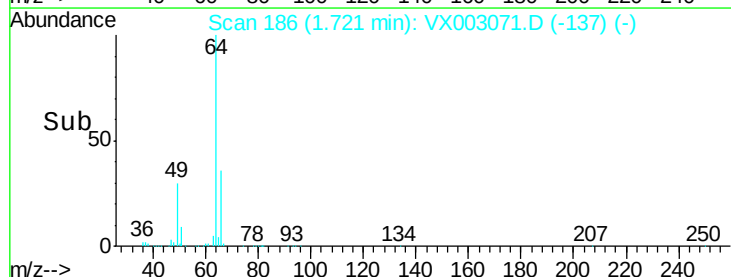
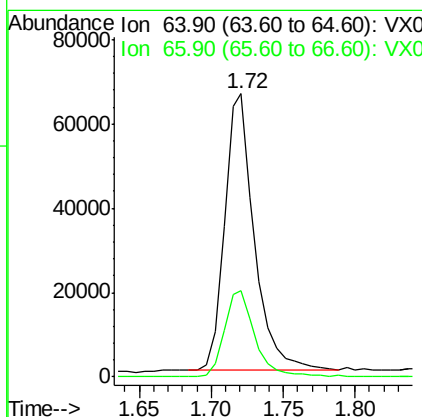
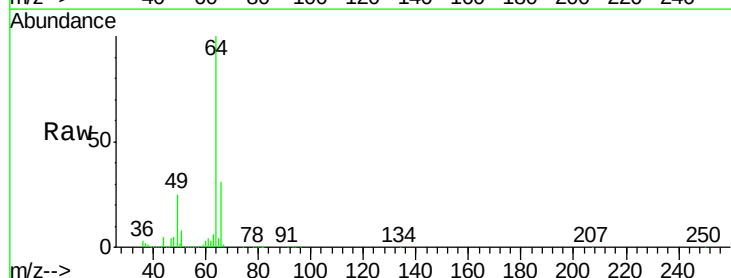
Acq: 30 Jun 2018 10:57

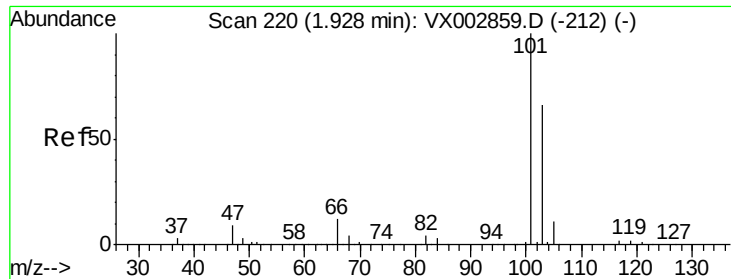
Tgt Ion: 64 Resp: 94853

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

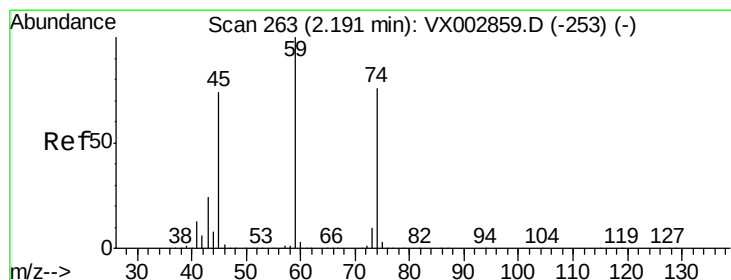
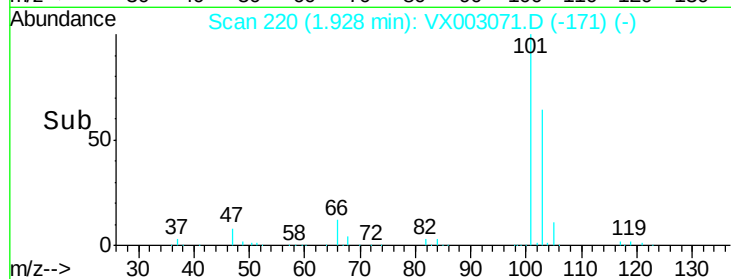
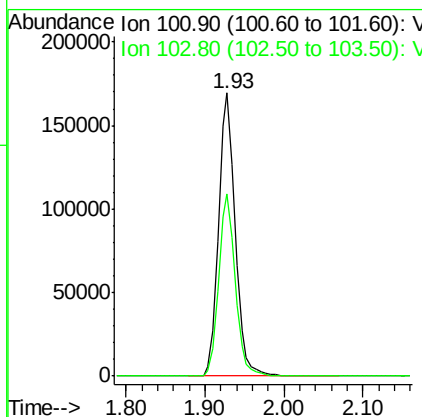
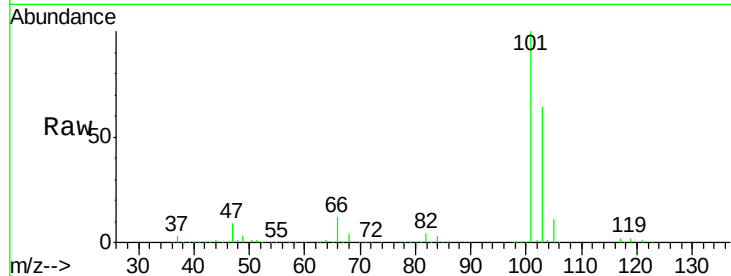
Trichlorofluoromethane
Concen: 43.74 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.8	79.2

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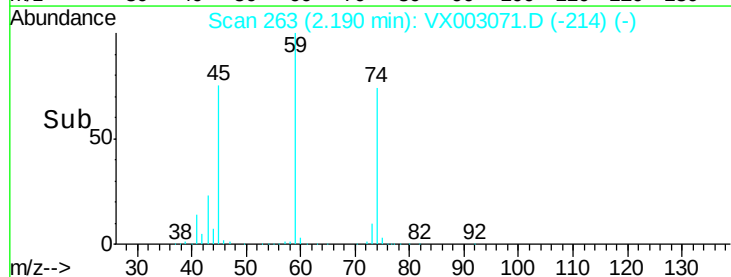
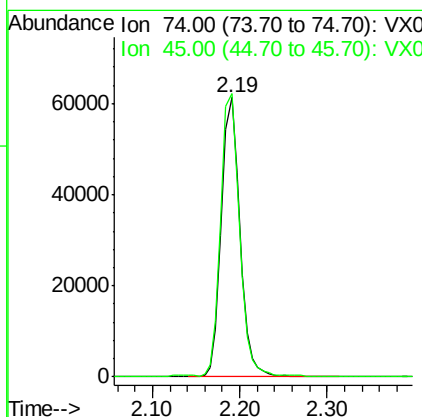
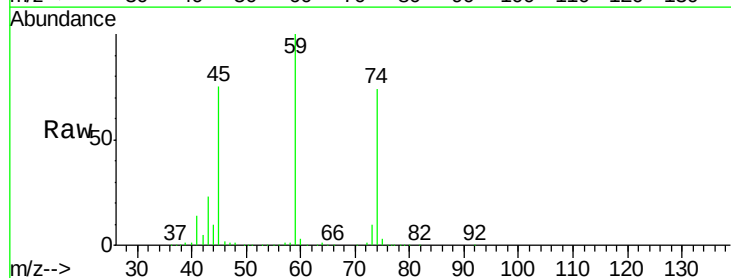
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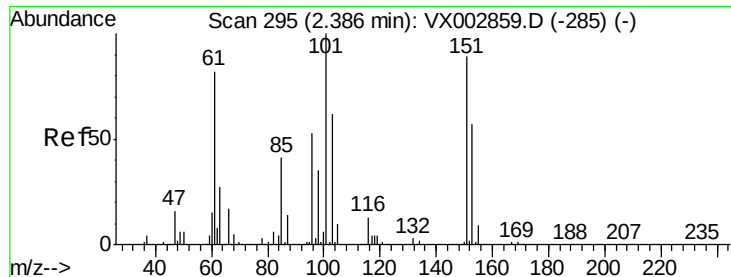


#8

Diethyl Ether
Concen: 43.53 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

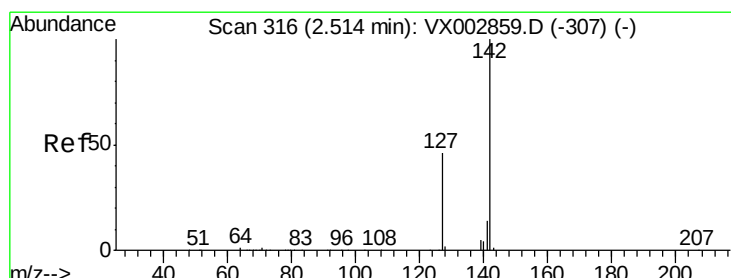
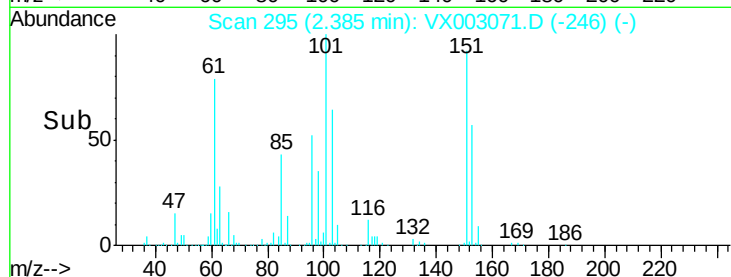
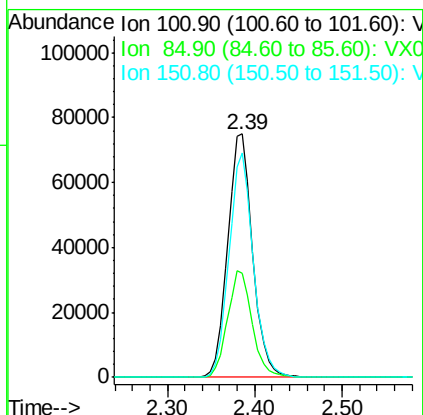
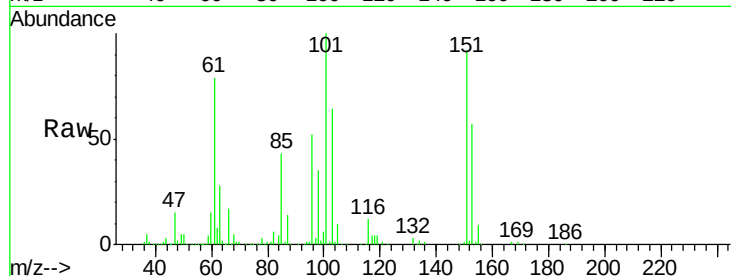
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	148587
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	90.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 42.16 ug/l

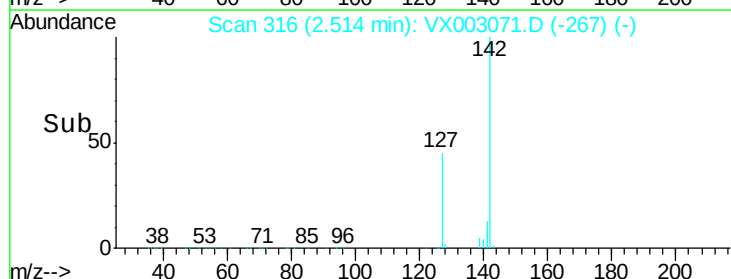
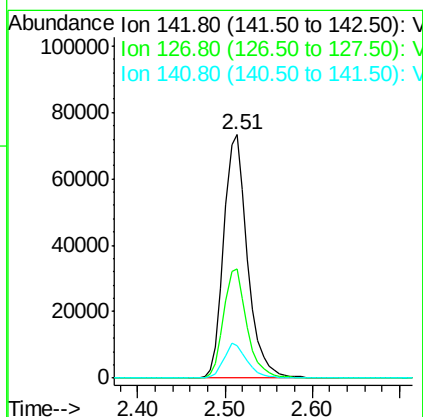
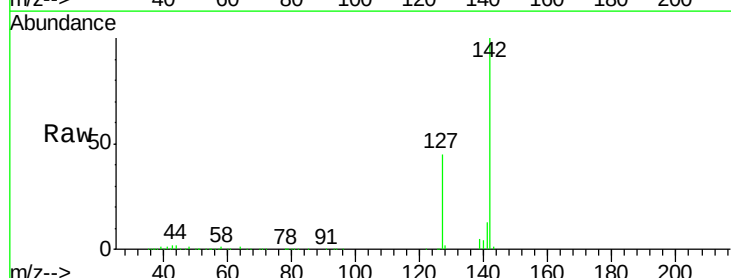
RT: 2.51 min Scan# 316

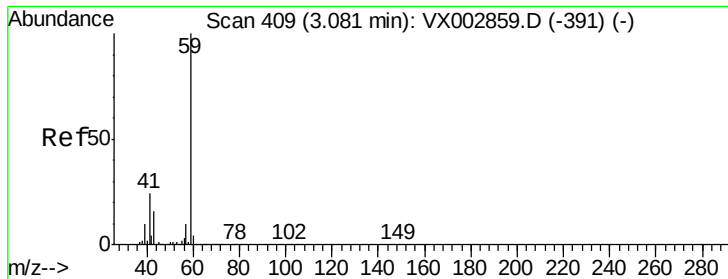
Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	142	Resp:	137538
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.6	55.0
141	13.9	11.3	16.9





#11

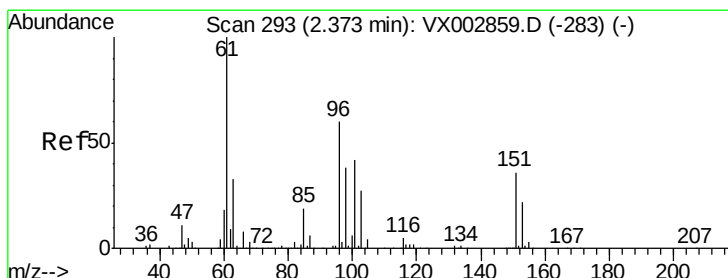
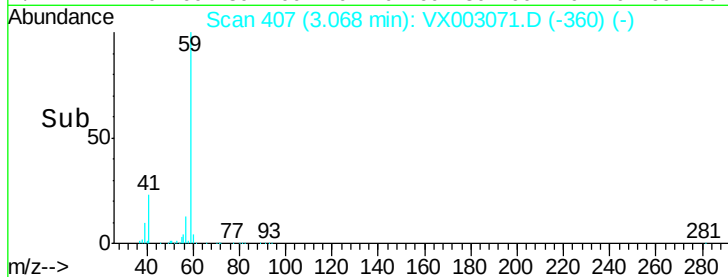
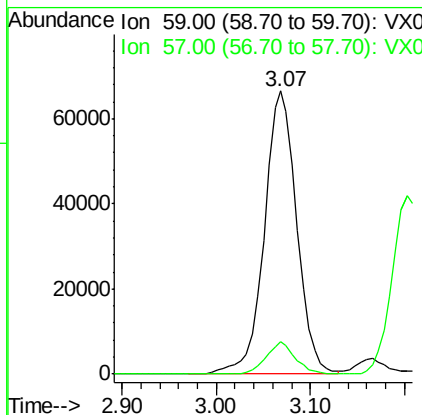
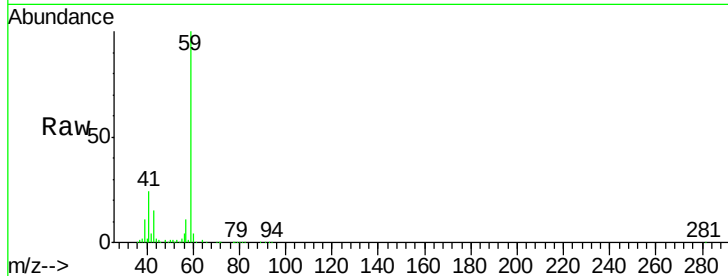
Tert butyl alcohol
 Concen: 195.03 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
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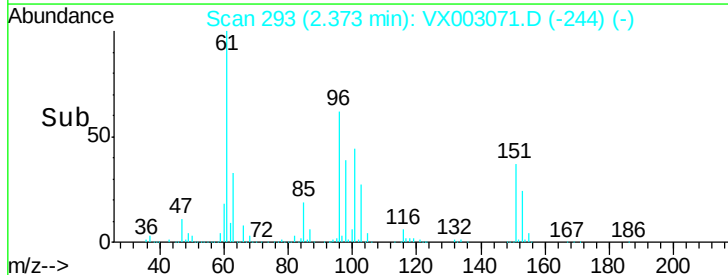
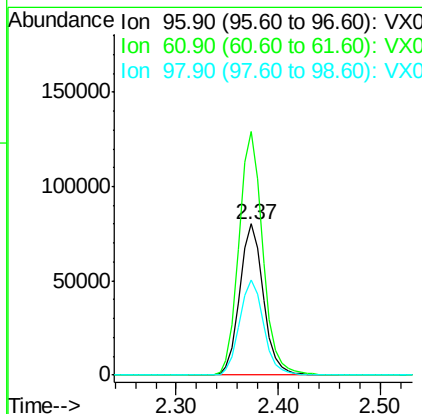
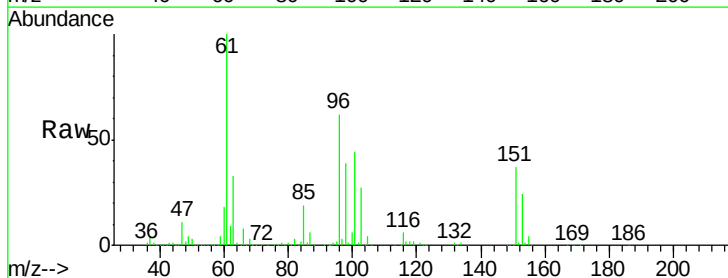
apatel
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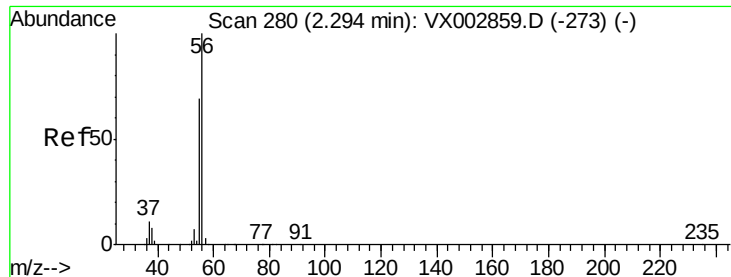


#12

1,1-Dichloroethene
 Concen: 43.54 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	137.9	206.9
98	63.1	51.6	77.4





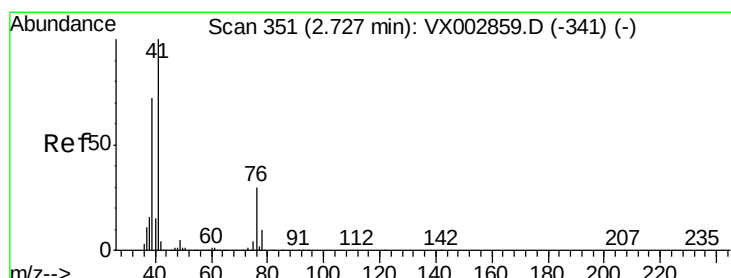
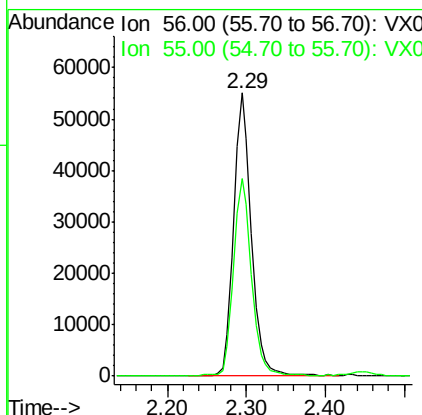
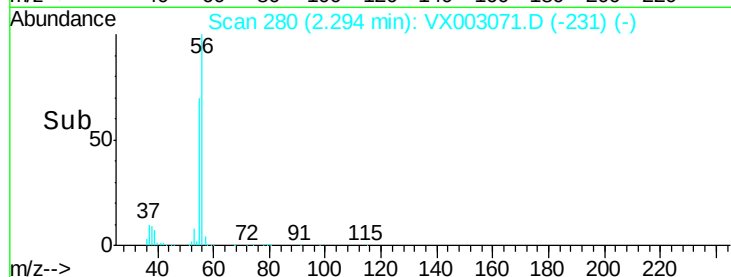
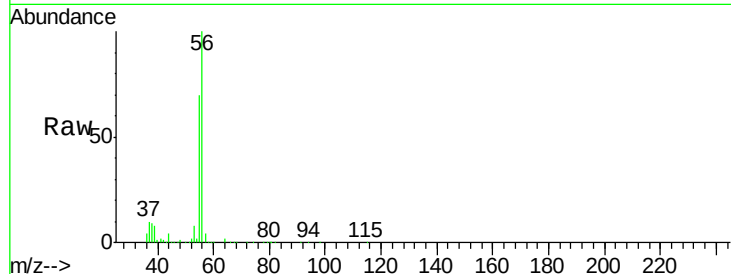
#13
 Acrolein
 Concen: 190.64 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	86524
Ion Ratio	100	Lower	Upper
55	70.0	57.0	85.4

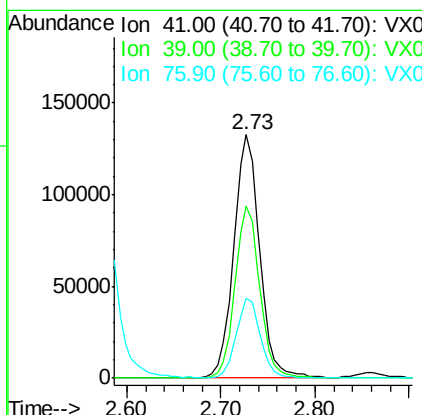
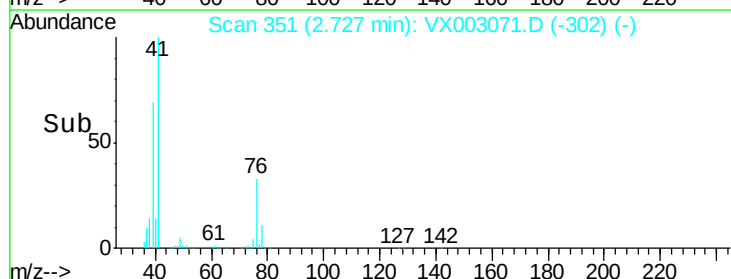
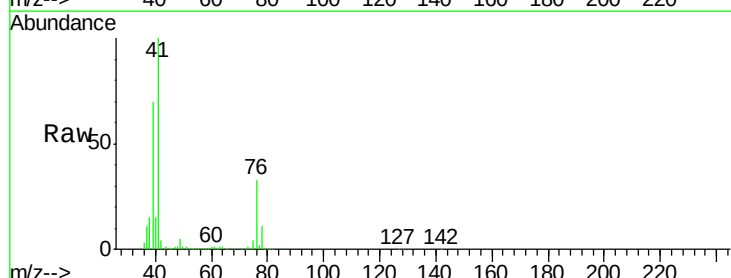
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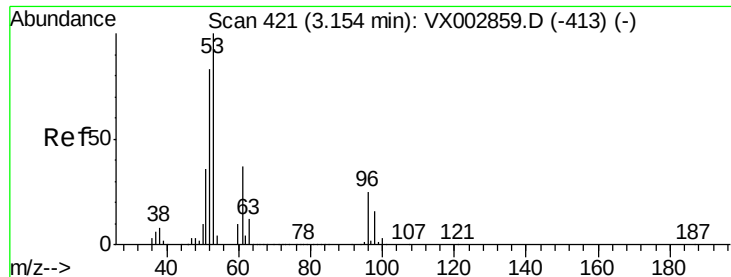
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#14
 Allyl chloride
 Concen: 43.51 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	41	Resp	252846
Ion Ratio	100	Lower	Upper
39	67.4	56.8	85.2
76	30.8	23.8	35.8





#15

Acrylonitrile

Concen: 209.13 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

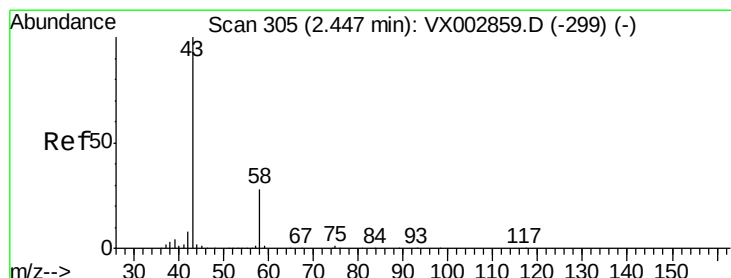
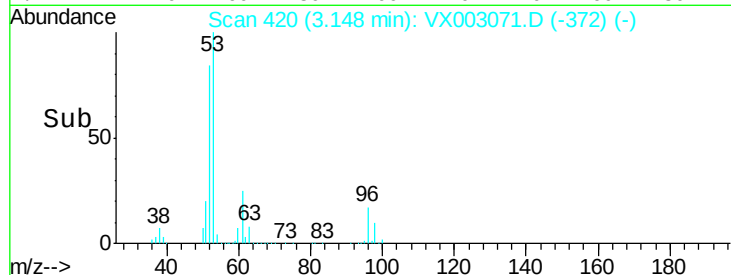
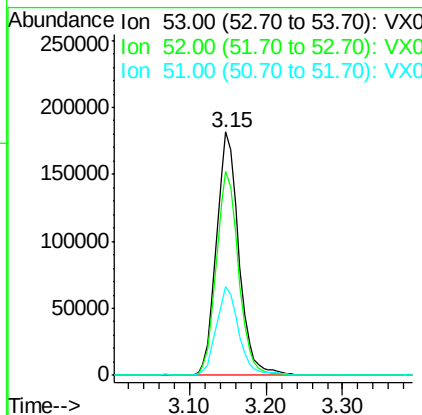
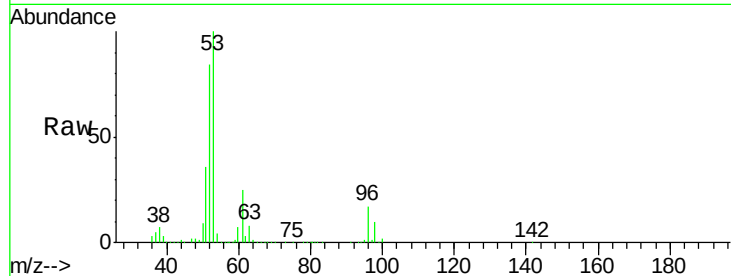
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	367665
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.7	100.1
51	36.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 273.84 ug/l

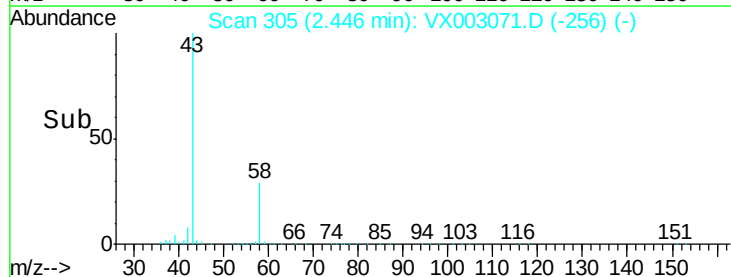
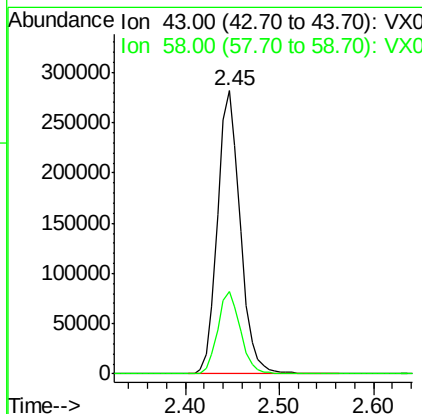
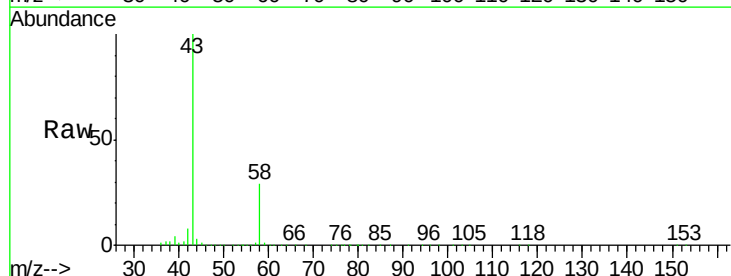
RT: 2.45 min Scan# 305

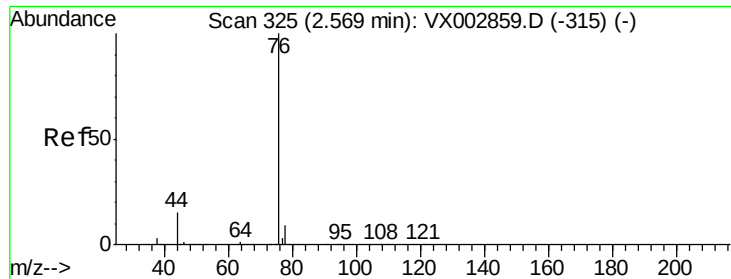
Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	43	Resp:	468566
Ion Ratio	Lower	Upper	
43	100		
58	29.0	22.1	33.1





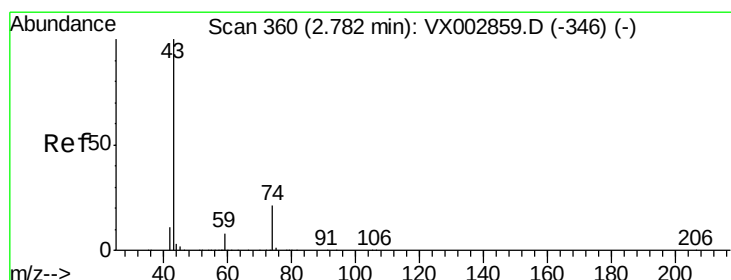
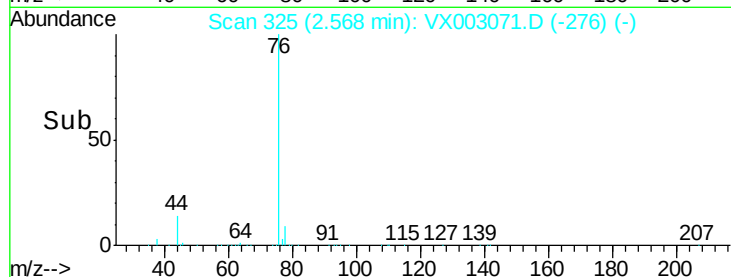
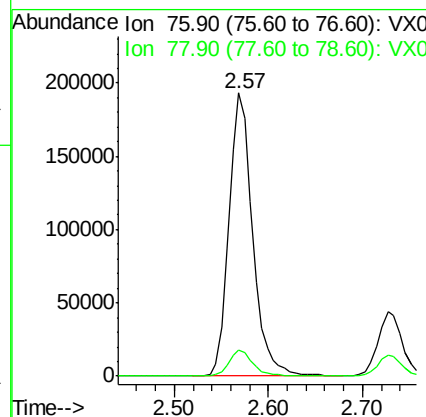
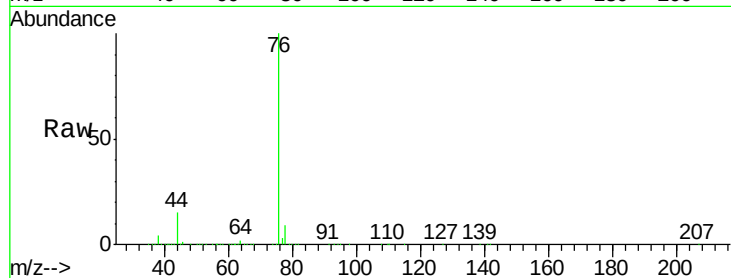
#17
Carbon Disulfide
Concen: 43.07 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

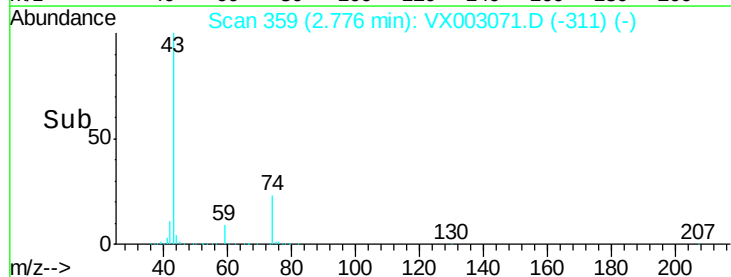
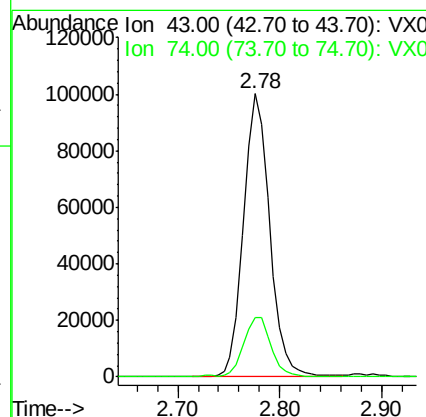
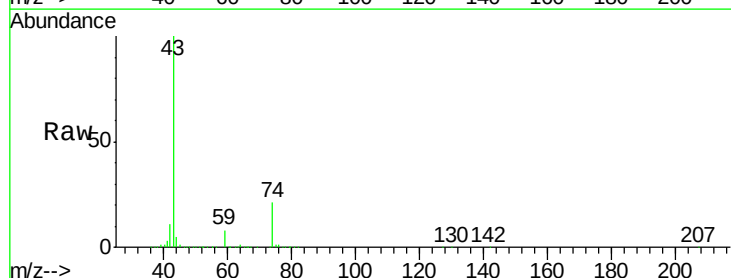
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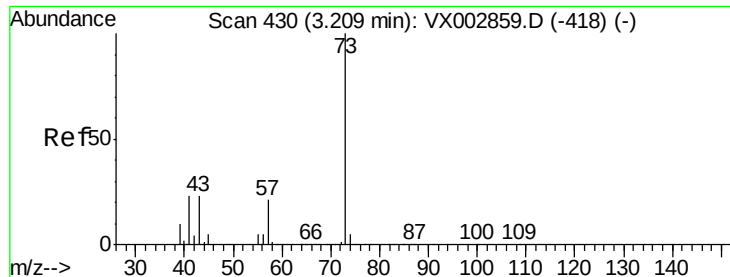
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#18
Methyl Acetate
Concen: 37.02 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.7	25.1





#19

Methyl tert-butyl Ether

Concen: 43.20 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tot Ion: 73 Resp: 457869

Ion Ratio Lower Upper

73 100

57 21.6 17.7 26.5

Instrument :

MSVOA_X

ClientSampleId :

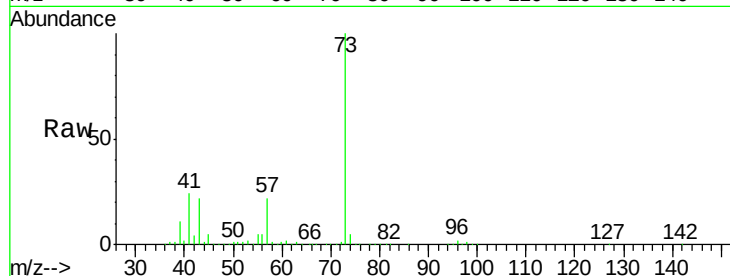
VSTDCCC050

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

200000

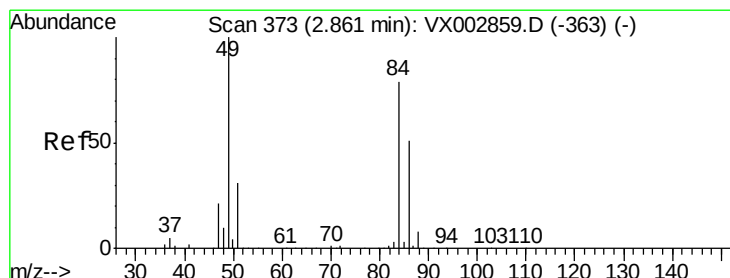
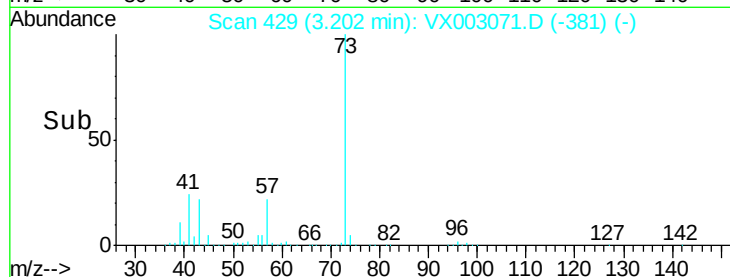
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 42.56 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion: 84 Resp: 141716

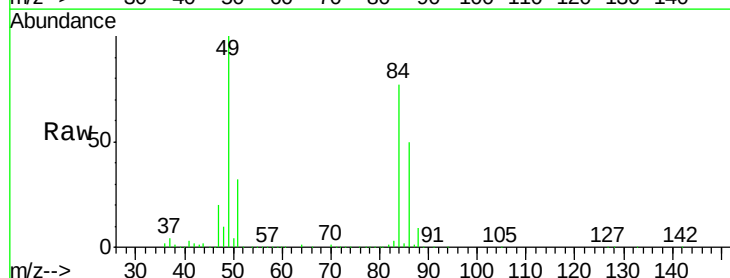
Ion Ratio Lower Upper

84 100

49 129.8 107.8 161.6

51 41.1 32.8 49.2

86 65.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

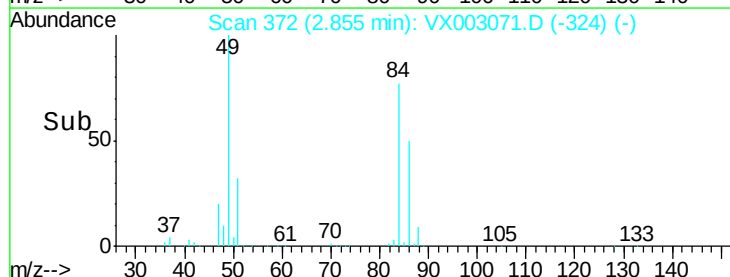
Ion 85.90 (85.60 to 86.60): VX0

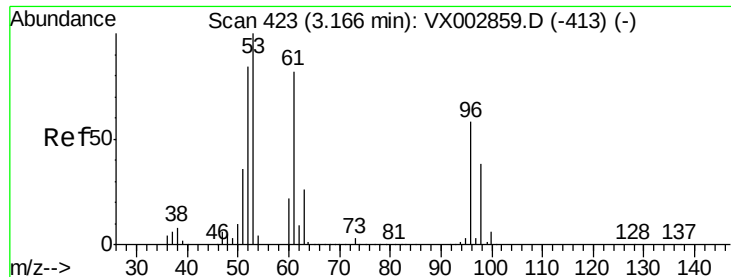
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 43.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 138490

Ion Ratio Lower Upper

96 100

61 140.0 117.0 175.4

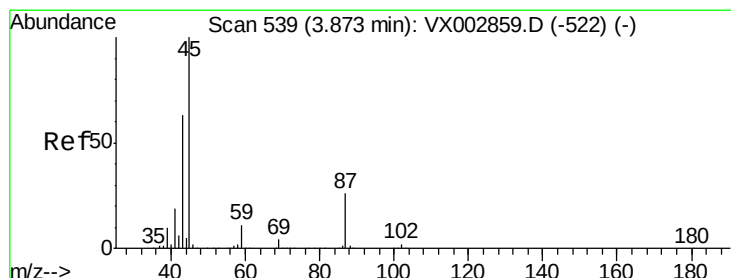
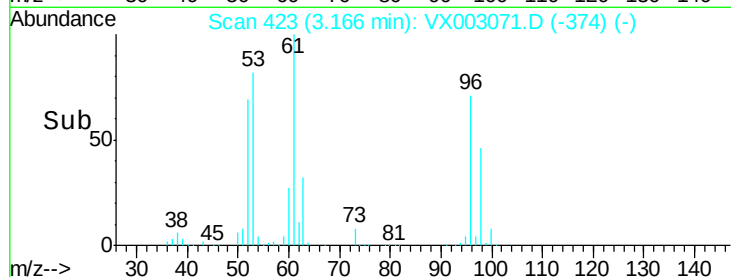
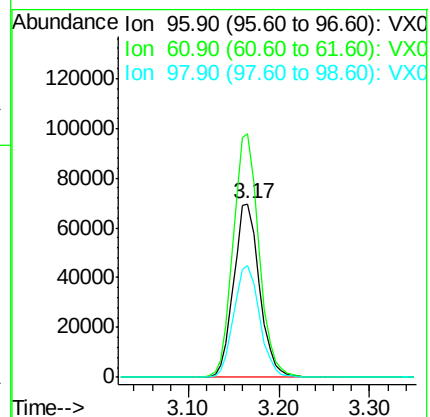
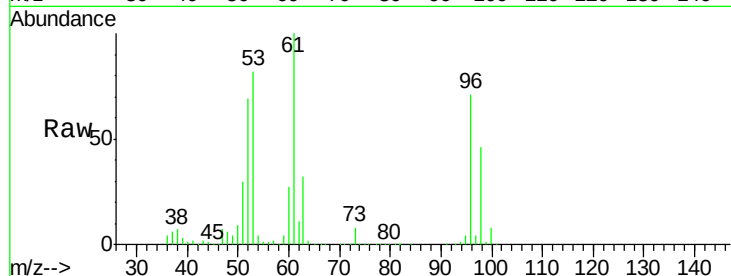
98 64.6 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 43.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion: 45 Resp: 480119

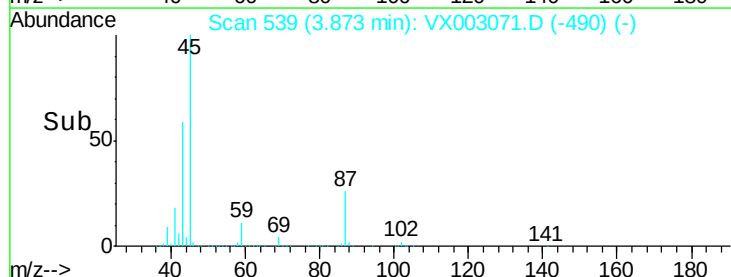
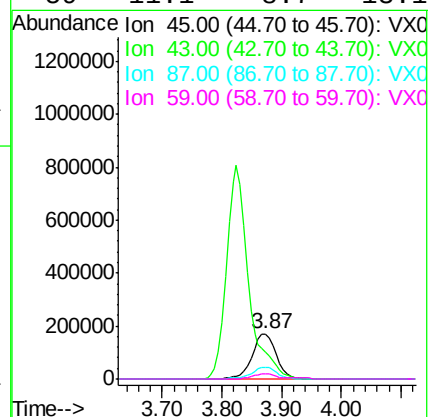
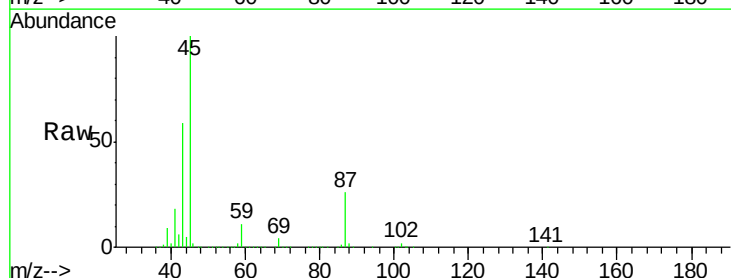
Ion Ratio Lower Upper

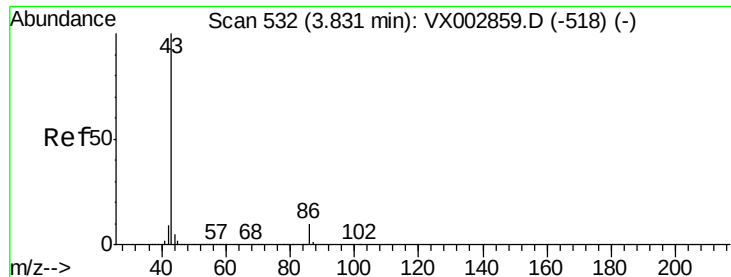
45 100

43 58.8 46.8 70.2

87 26.3 20.2 30.4

59 11.1 8.7 13.1





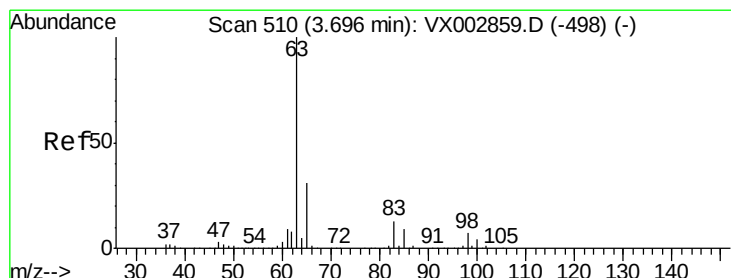
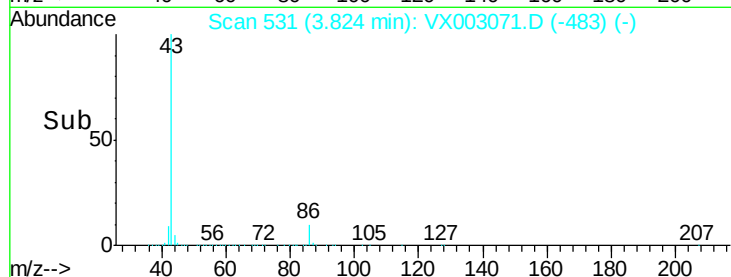
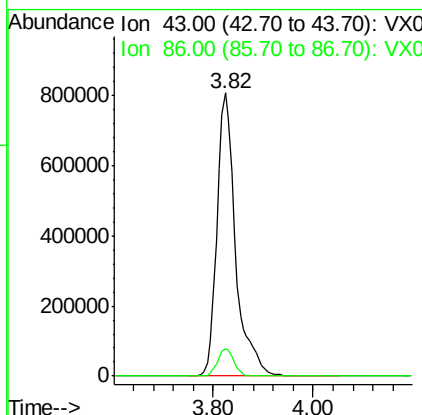
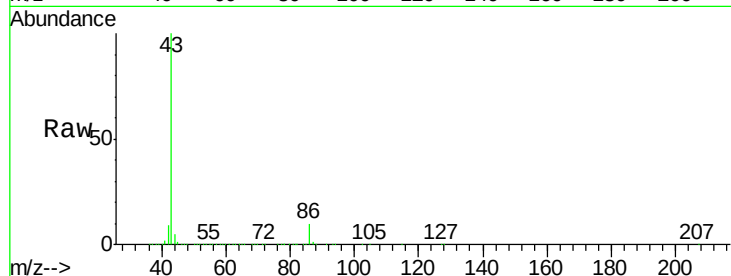
#23
Vinyl Acetate
Concen: 221.83 ug/l
RT: 3.82 min Scan# 531
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2086593
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0

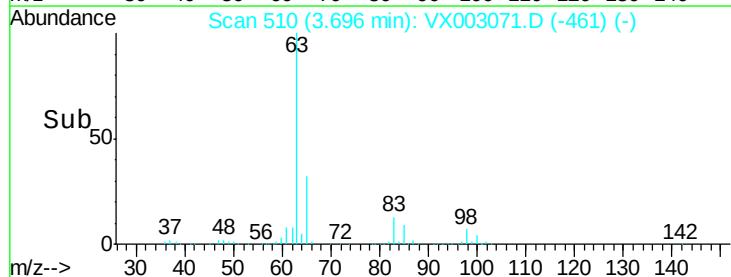
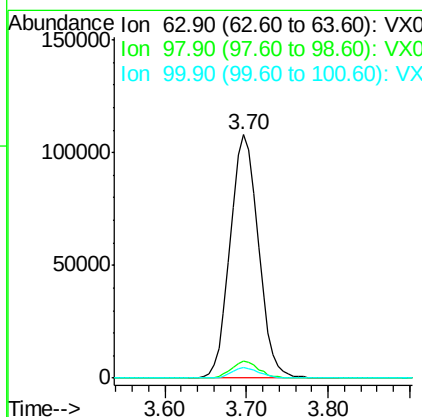
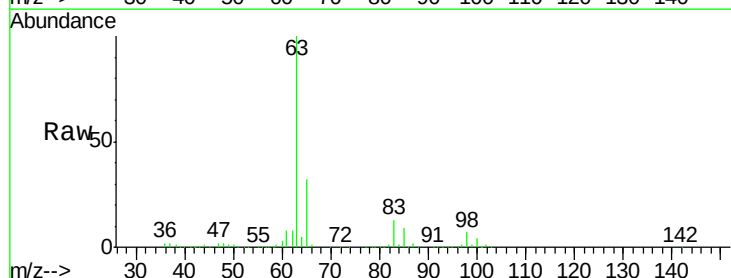
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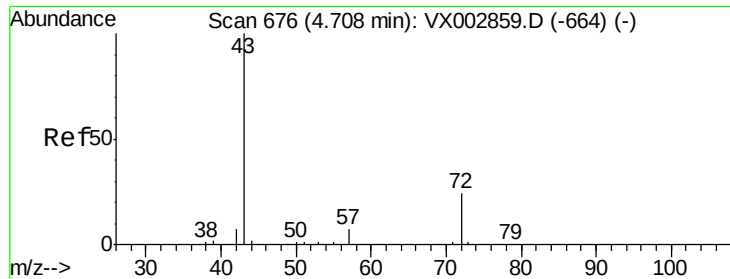
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#24
1,1-Dichloroethane
Concen: 42.79 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion: 63 Resp: 258382
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.2
100 4.2 2.0 6.0





#25

2-Butanone

Concen: 240.31 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tot Ion: 43 Resp: 610249

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7

Instrument :

MSVOA_X

ClientSampled :

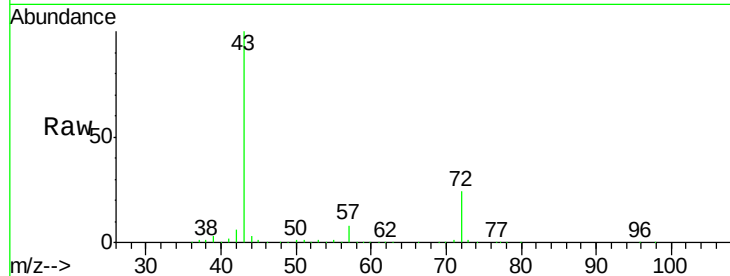
VSTDCCC050

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

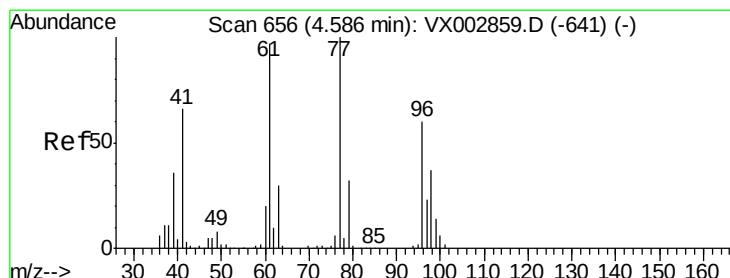
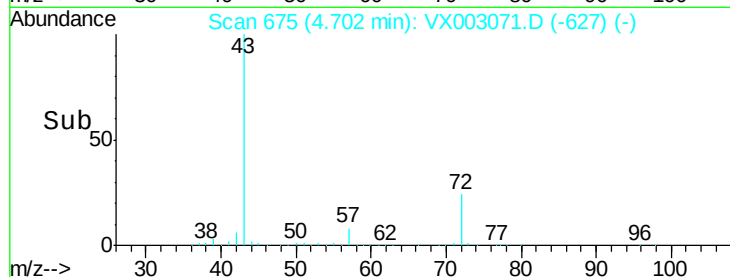
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.98 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003071.D

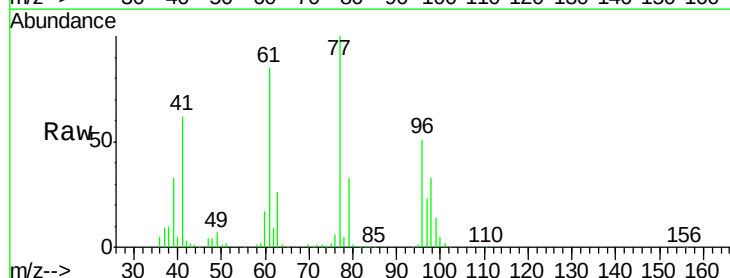
Acq: 30 Jun 2018 10:57

Tgt Ion: 77 Resp: 230634

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

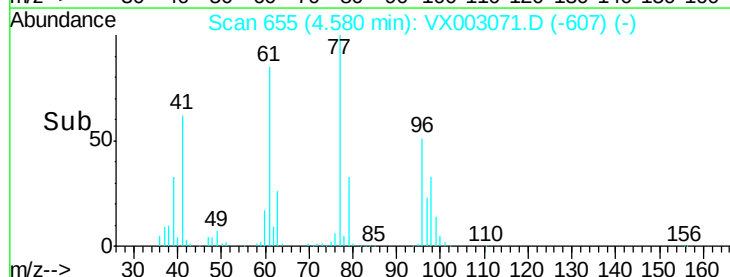
40000

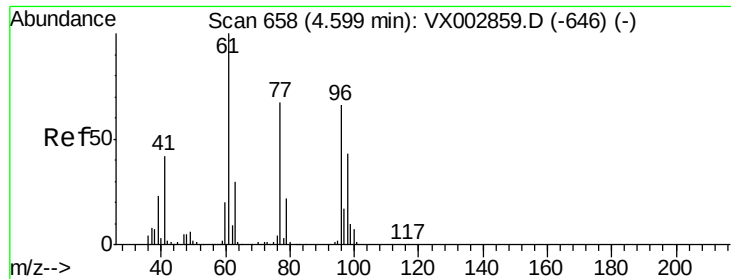
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

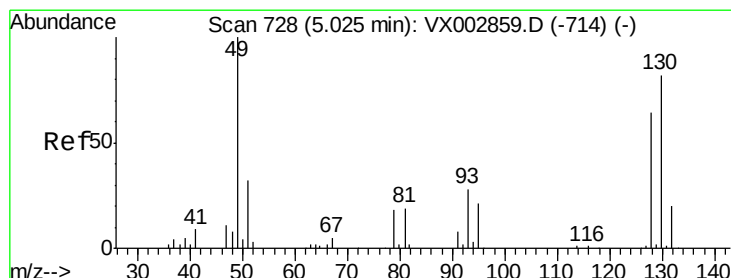
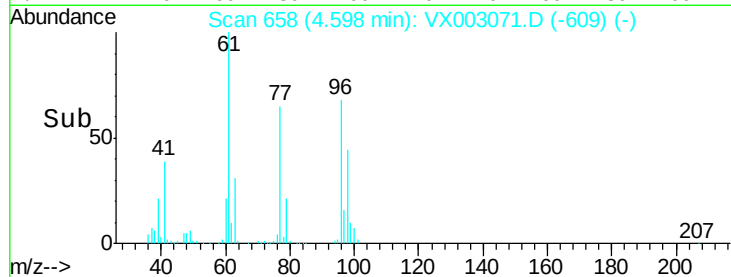
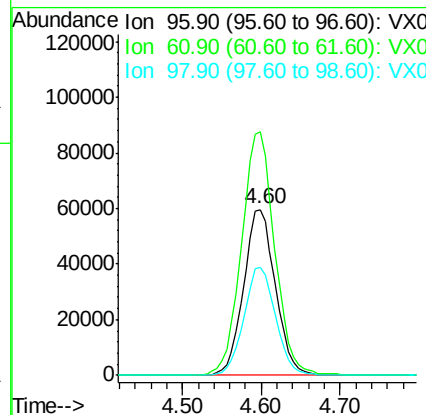
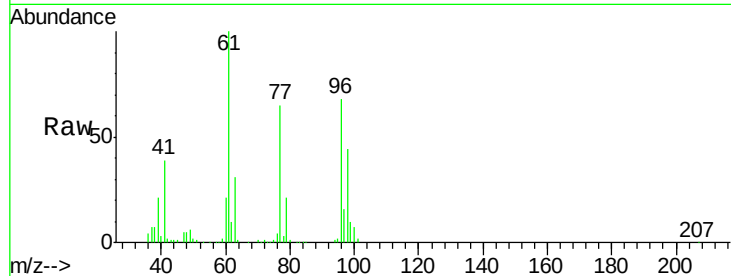
cis-1,2-Dichloroethene
Concen: 46.29 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166642		
61	153.6	0.0	330.2	
98	65.0	0.0	130.2	

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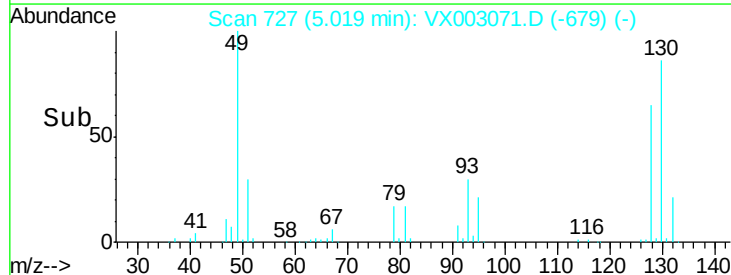
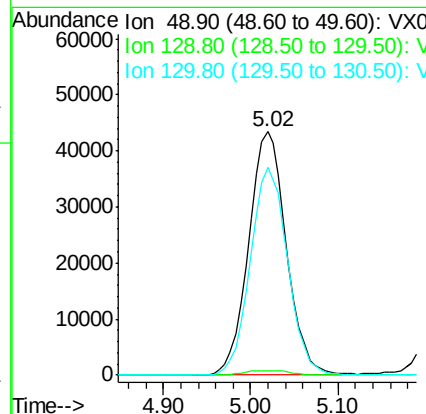
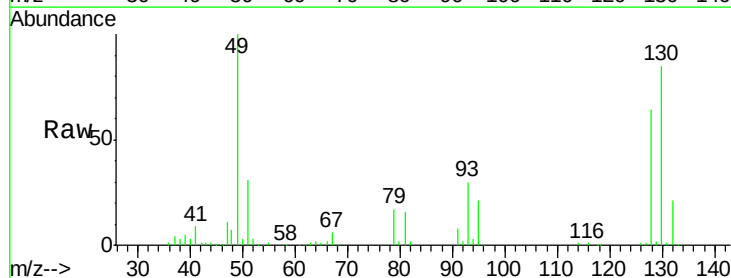
apatel
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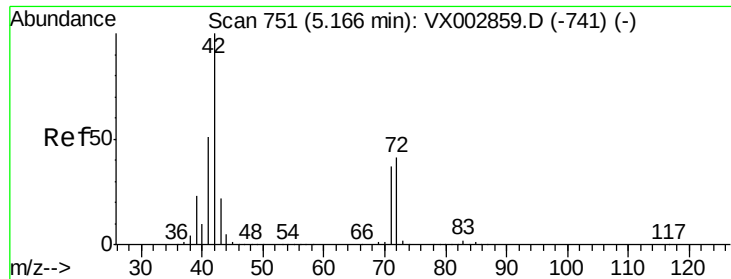


#28

Bromochloromethane
Concen: 44.88 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129692		
129	2.2	0.0	4.2	
130	84.8	61.2	91.8	





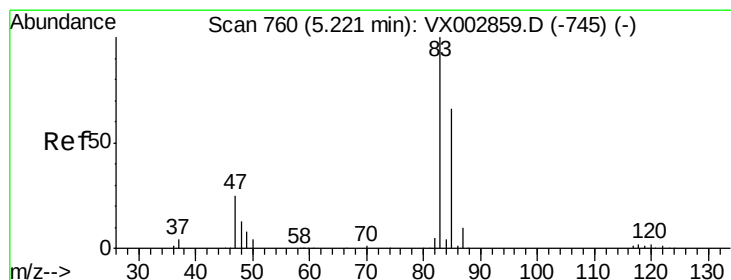
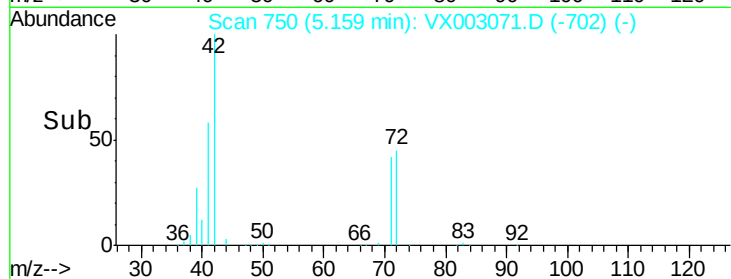
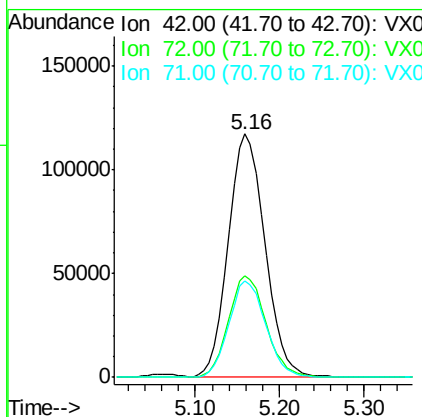
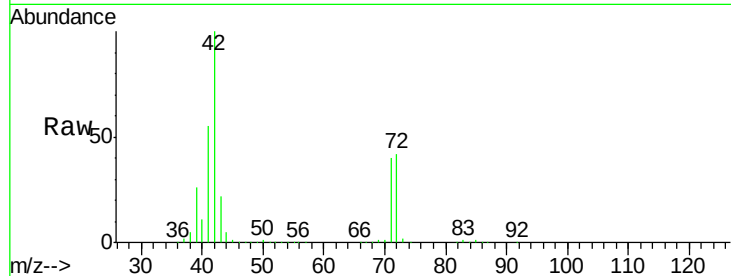
#29
Tetrahydrofuran
Concen: 212.32 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	345756
Ion Ratio	Lower	Upper	
42	100		
72	42.9	32.0	48.0
71	39.9	30.1	45.1

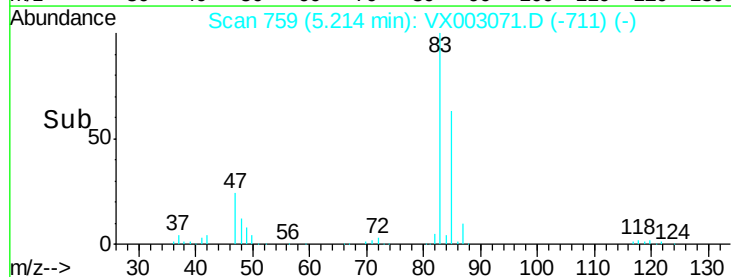
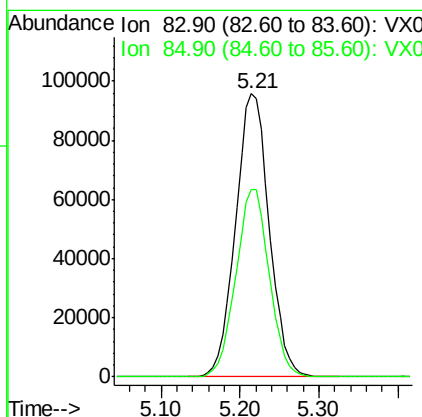
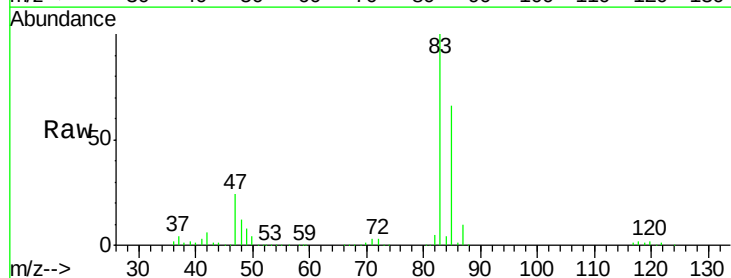
Manual Integrations
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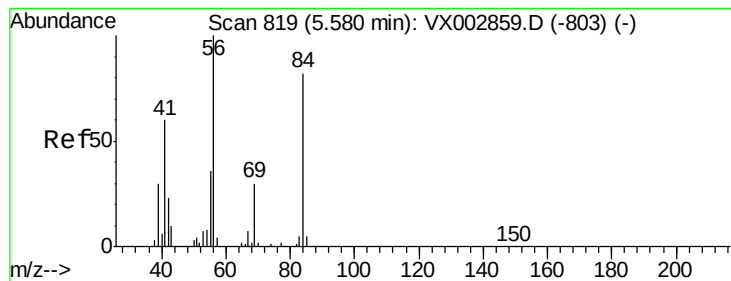
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#30
Chloroform
Concen: 45.78 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion:	83	Resp:	283662
Ion Ratio	Lower	Upper	
83	100		
85	66.0	50.4	75.6





#31

Cyclohexane

Concen: 45.79 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

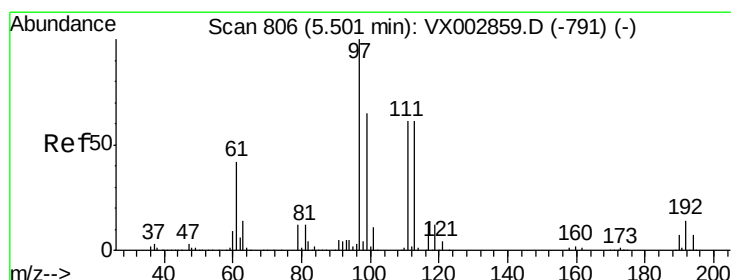
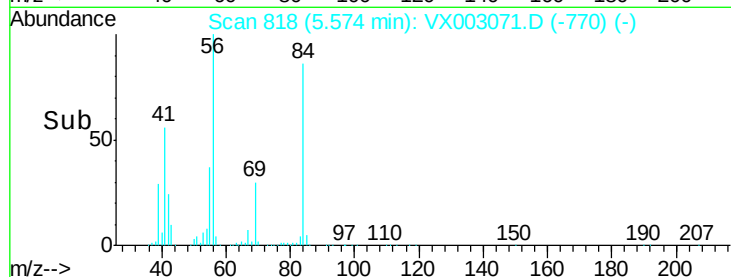
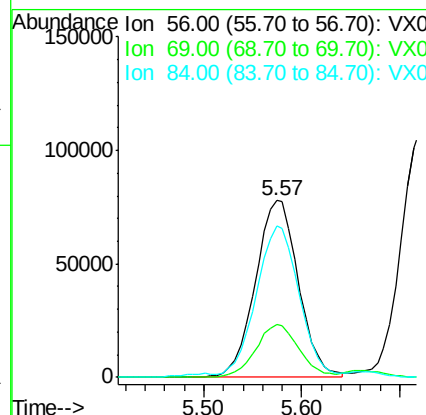
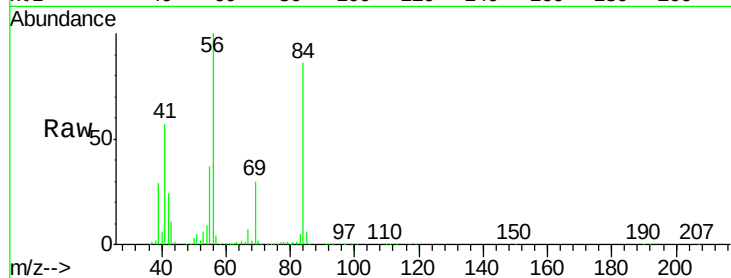
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	84.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.61 ug/l

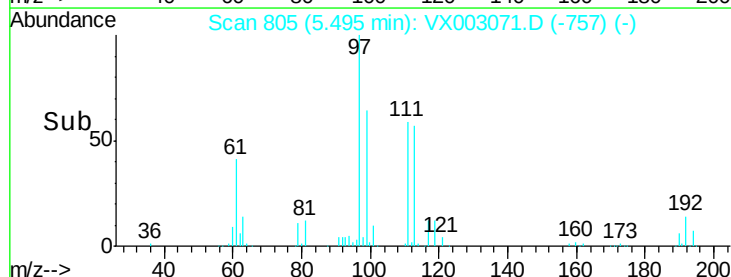
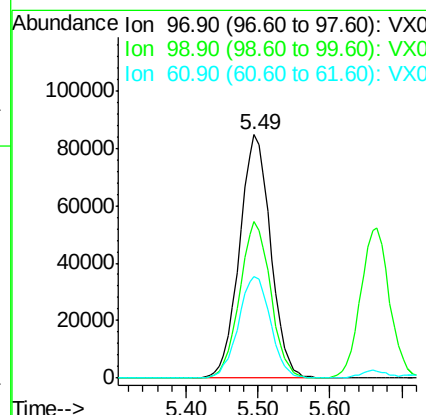
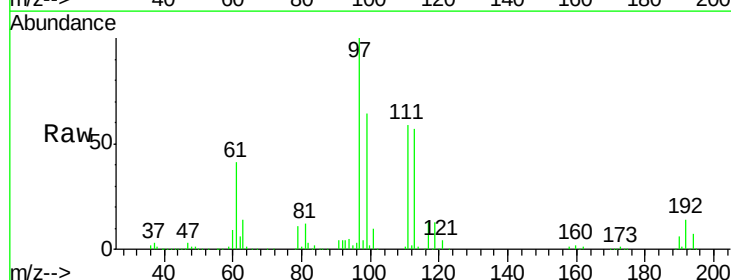
RT: 5.49 min Scan# 805

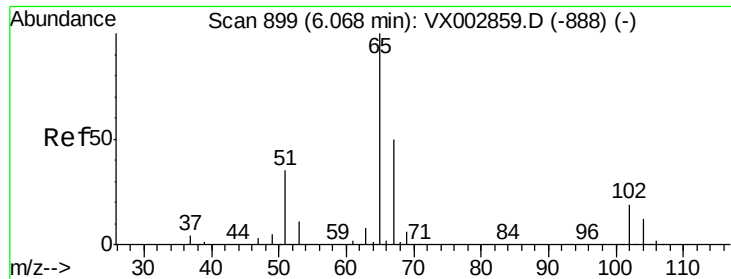
Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	43.2	36.4	54.6





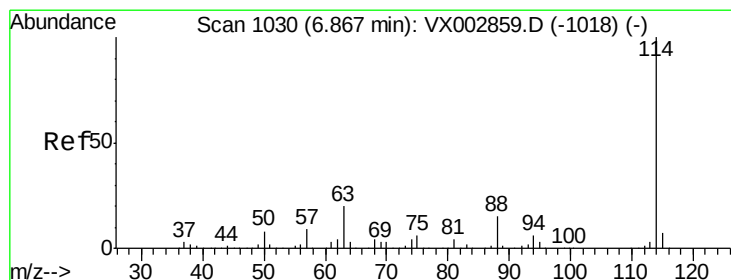
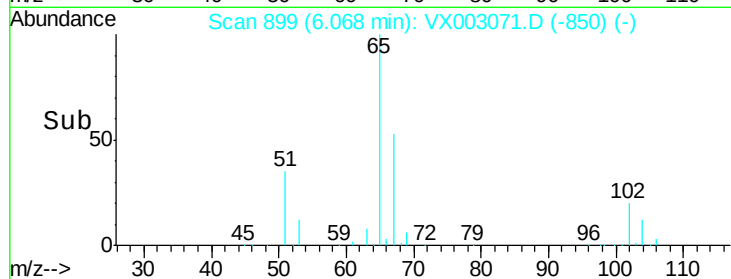
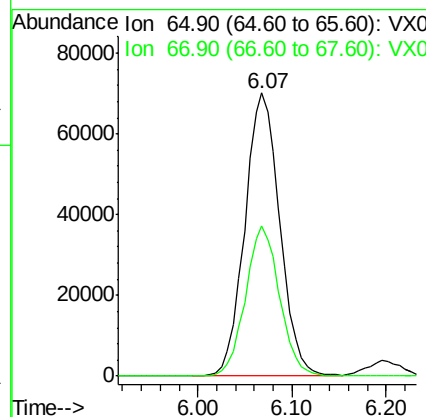
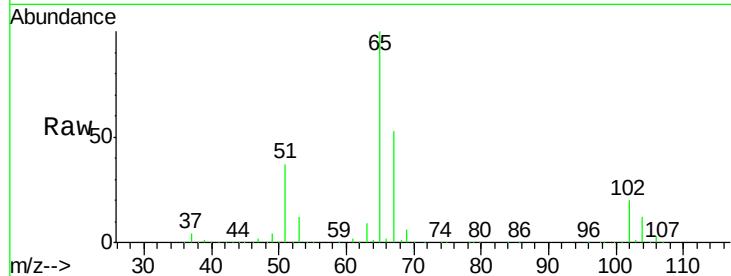
#33
 1,2-Dichloroethane-d4
 Concen: 44.00 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181810		
67	51.9	0.0	102.6	

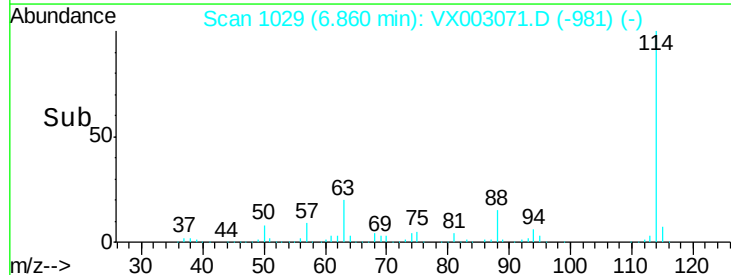
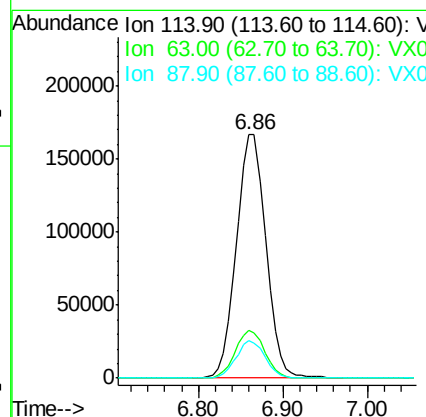
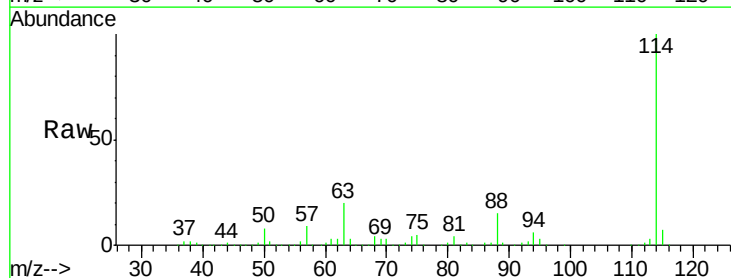
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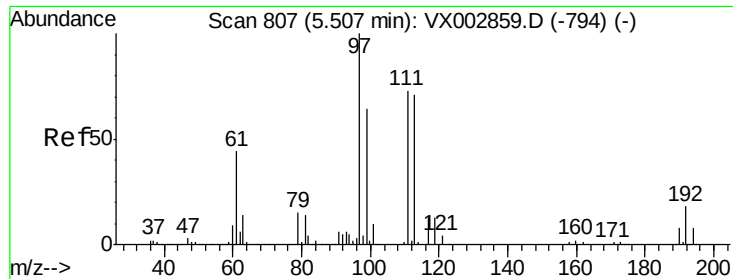
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	396914		
63	19.7	0.0	41.4	
88	15.3	0.0	30.0	





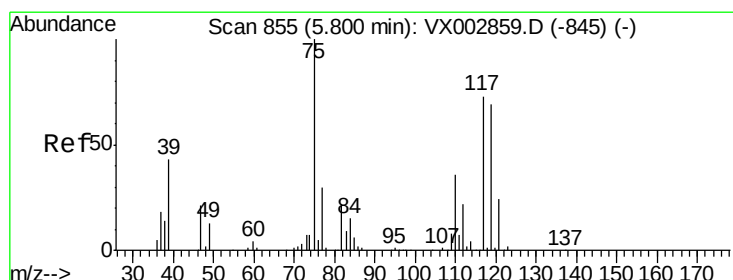
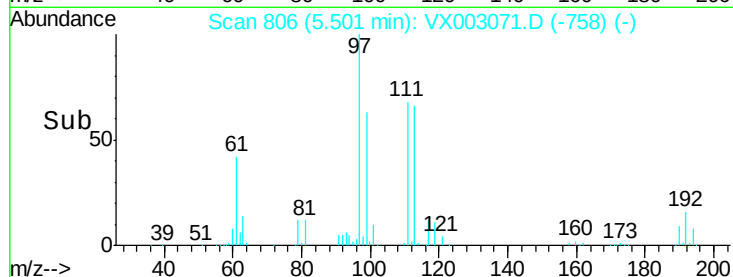
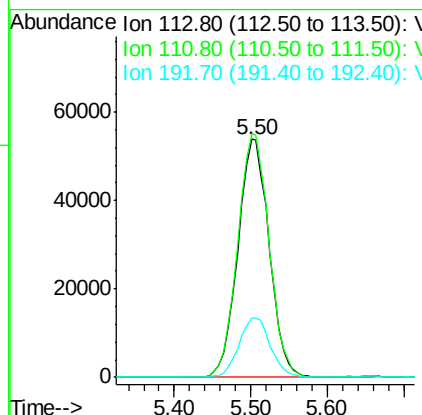
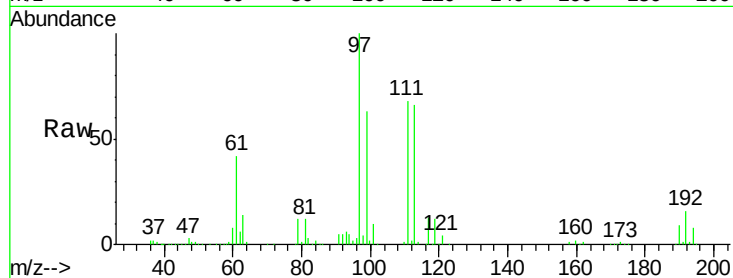
#35
 Dibromofluoromethane
 Concen: 48.62 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152814		
111	102.4	81.4	122.0	
192	25.0	19.1	28.7	

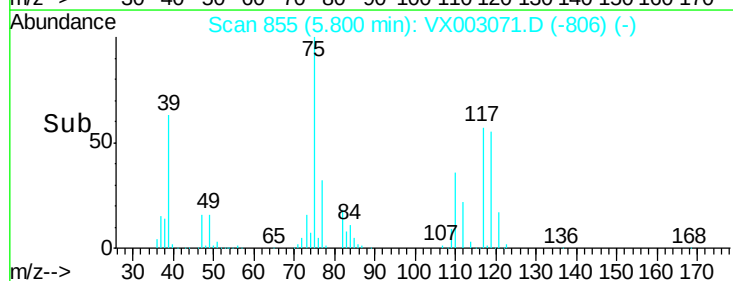
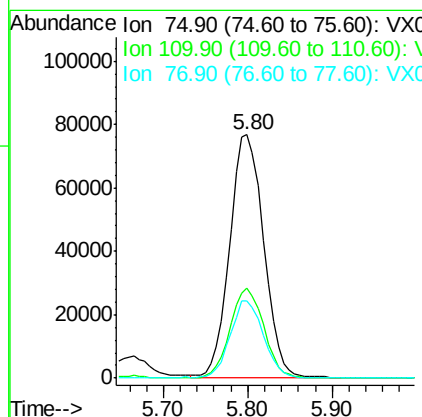
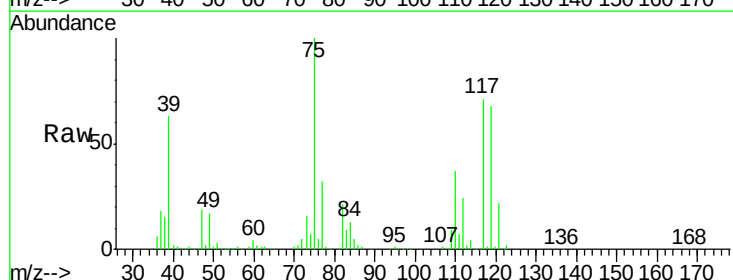
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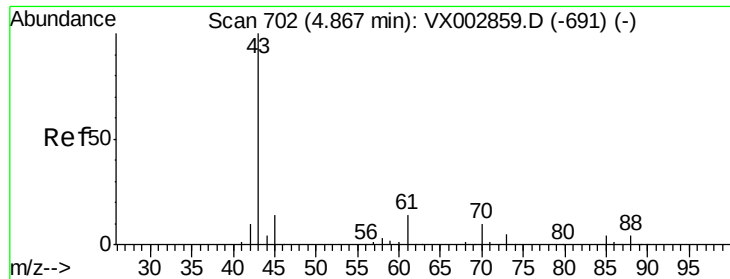
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#36
 1,1-Dichloropropene
 Concen: 47.92 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208583		
110	36.9	18.1	54.4	
77	31.1	24.3	36.5	





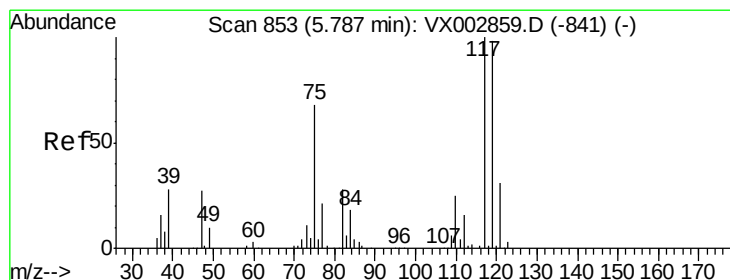
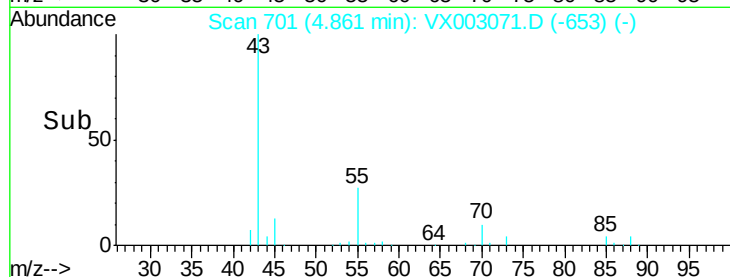
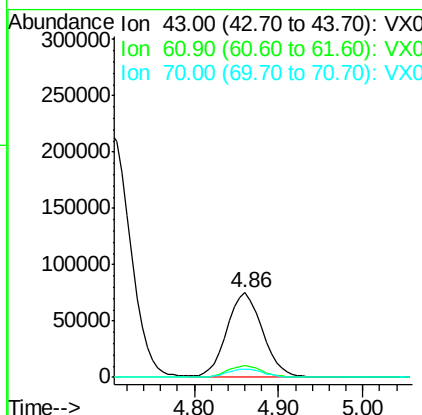
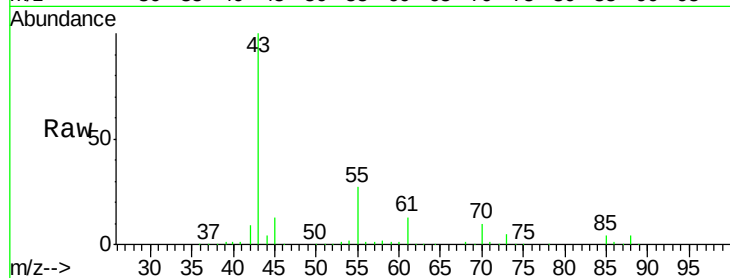
#37
Ethyl Acetate
Concen: 46.09 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.0	7.6	11.4

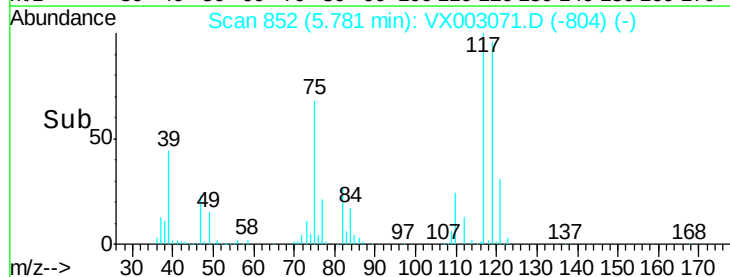
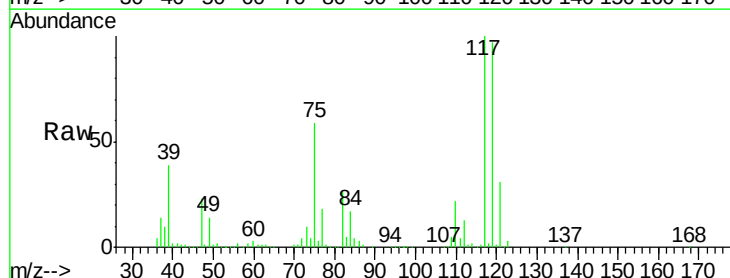
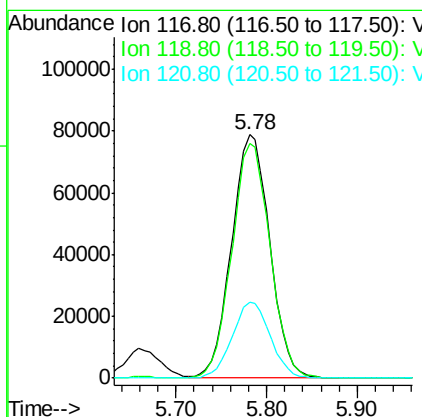
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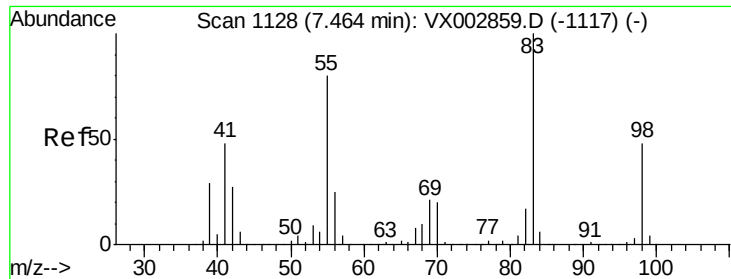
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#38
Carbon Tetrachloride
Concen: 48.01 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	31.3	24.4	36.6





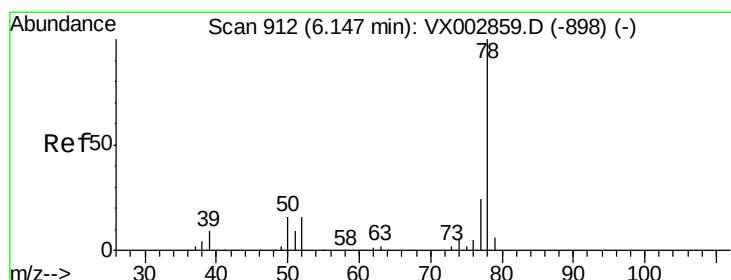
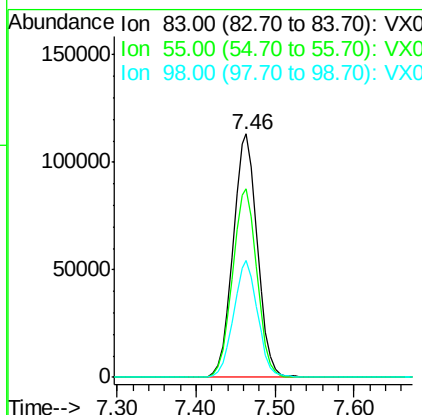
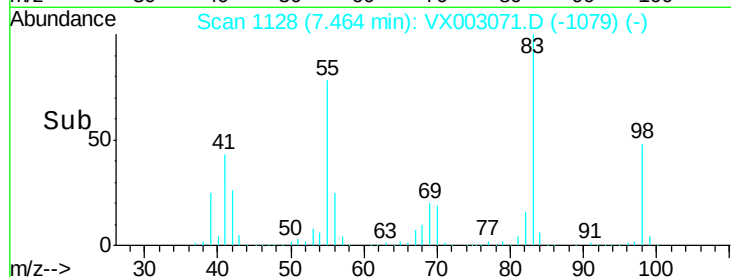
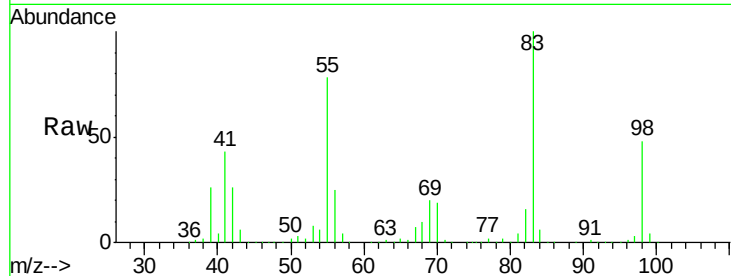
#39
Methylvlcyclohexane
Concen: 47.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	242086		
55	77.5	65.4	98.0	
98	47.8	37.4	56.0	

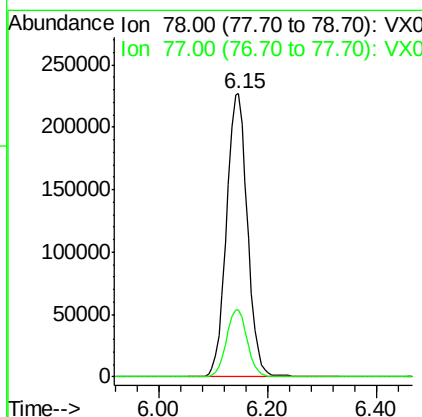
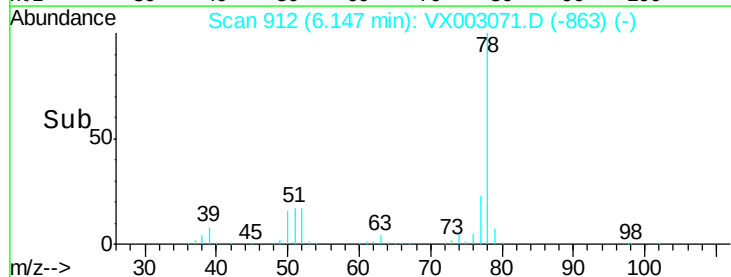
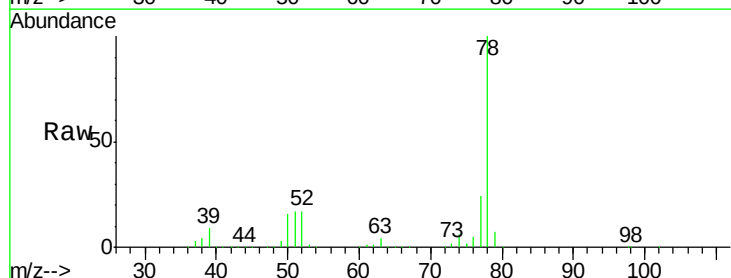
Manual Integrations
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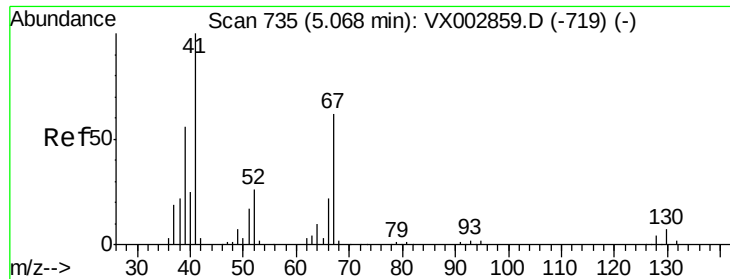
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#40
Benzene
Concen: 48.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	609686		
77	23.7	19.1	28.7	





#41

Methacrylonitrile

Concen: 46.38 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

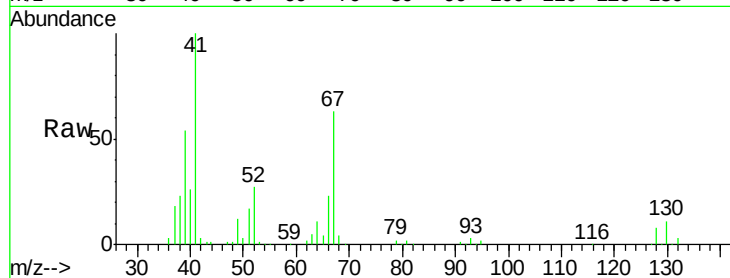
ClientSampleId :

VSTDCCC050

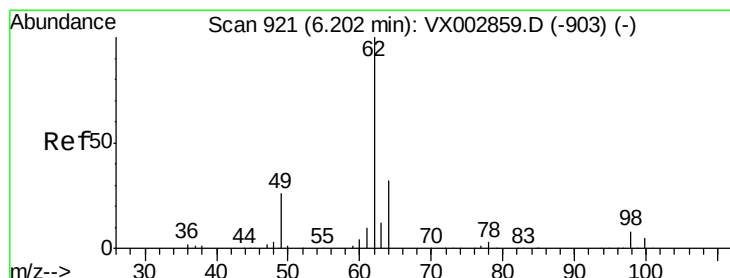
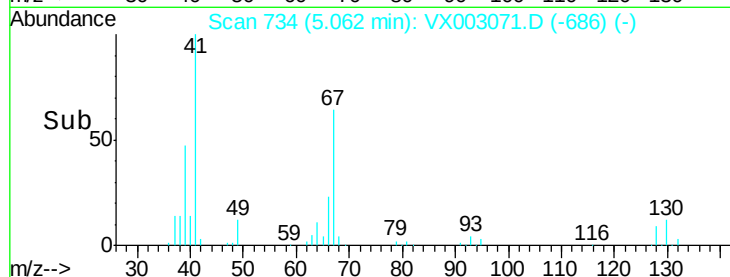
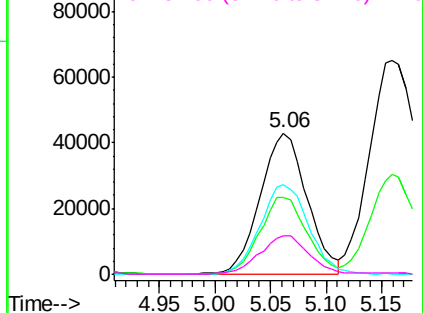
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	45.8	68.6	
67	66.5	51.3	76.9	
52	28.8	23.0	34.6	

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



#42

1,2-Dichloroethane

Concen: 45.00 ug/l

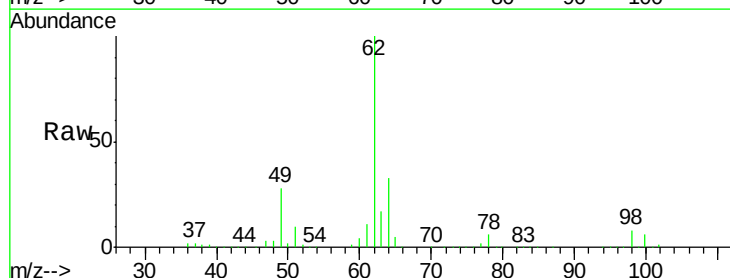
RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

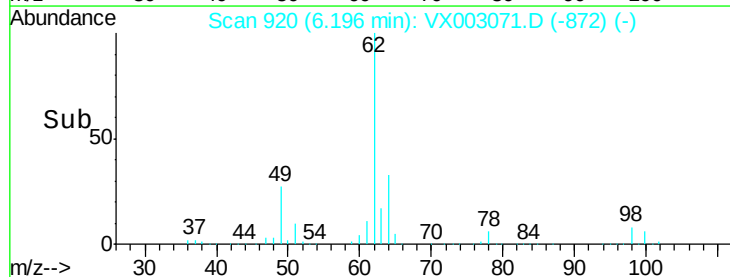
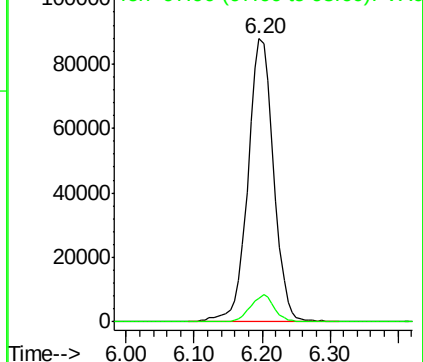
Lab File: VX003071.D

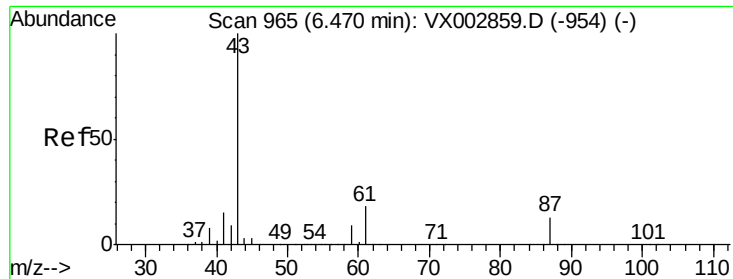
Acq: 30 Jun 2018 10:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	16.6	



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





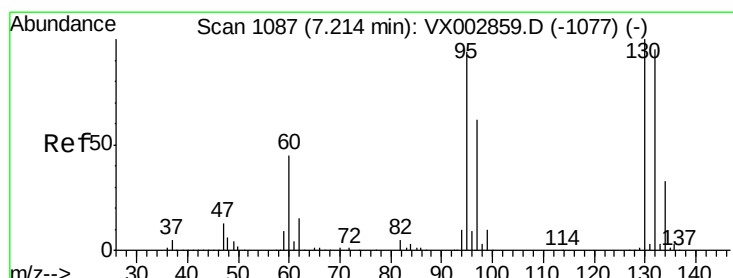
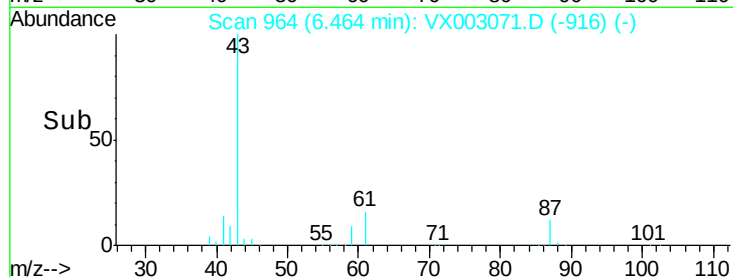
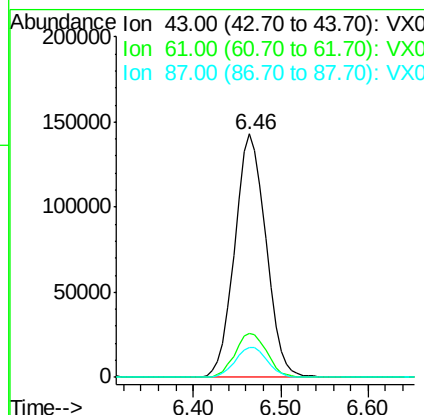
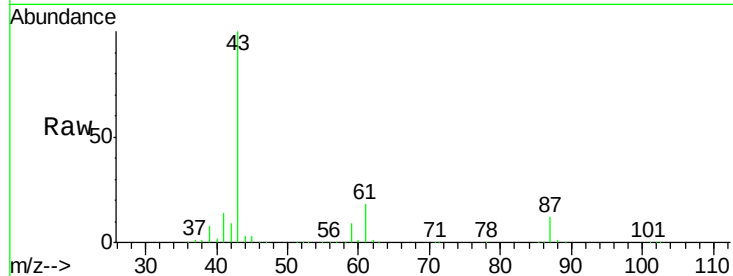
#43
Isopropyl Acetate
Concen: 45.08 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.9	9.5	14.3

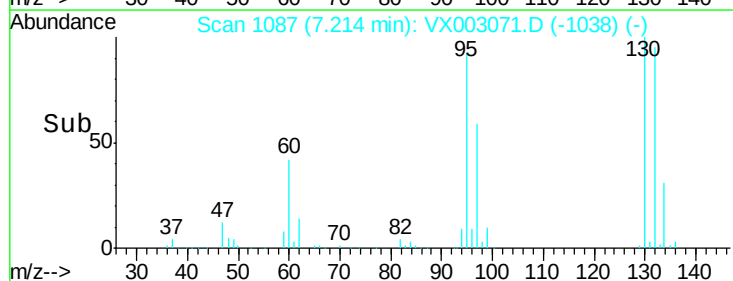
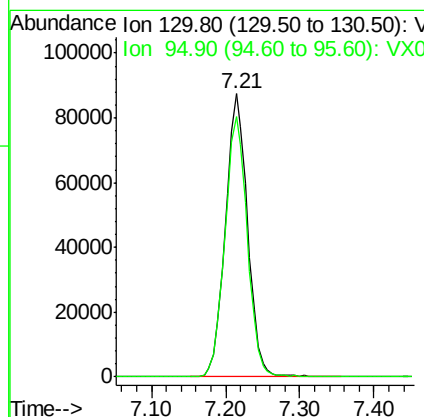
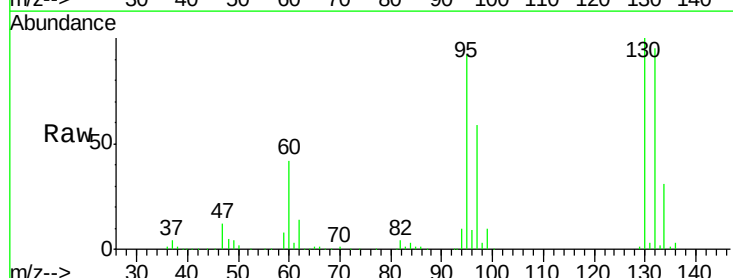
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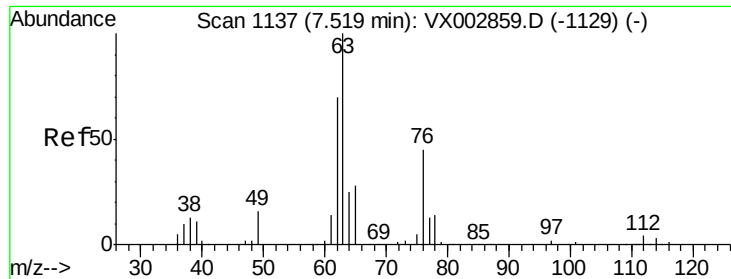
apatel
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#44
Trichloroethene
Concen: 48.16 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.4





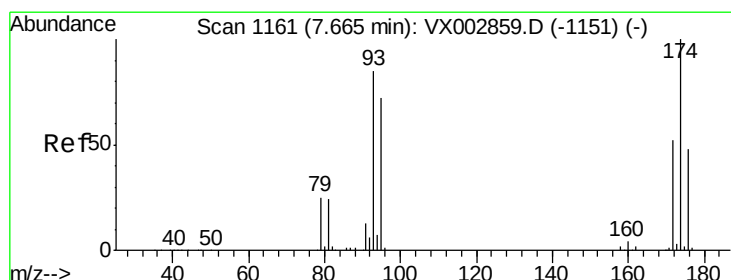
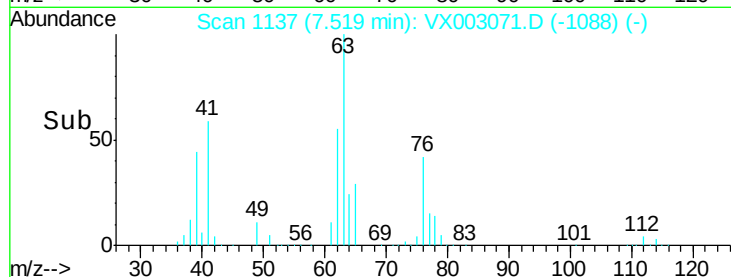
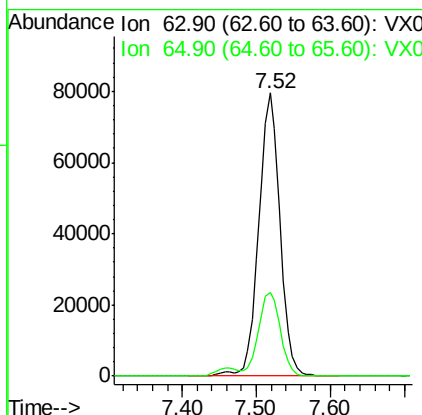
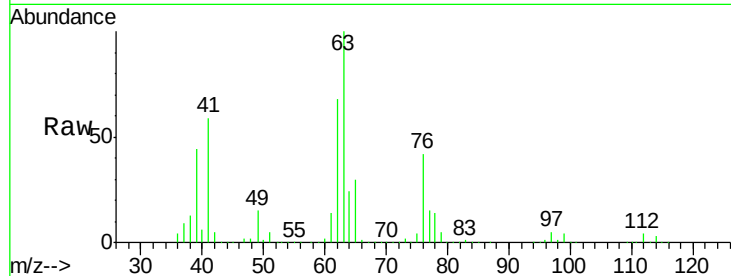
#45
 1,2-Dichloropropane
 Concen: 47.48 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 159280
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.7 37.1

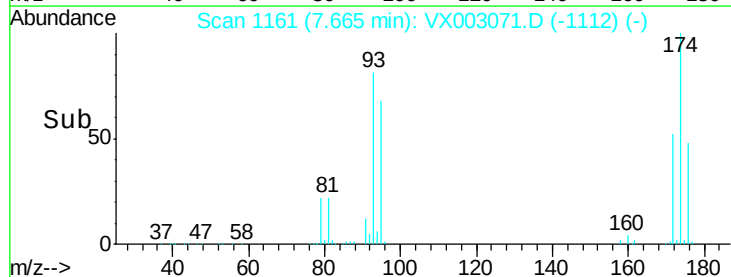
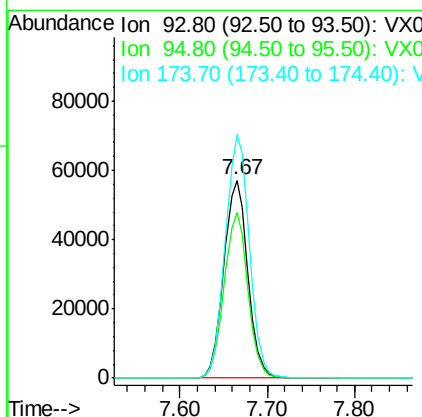
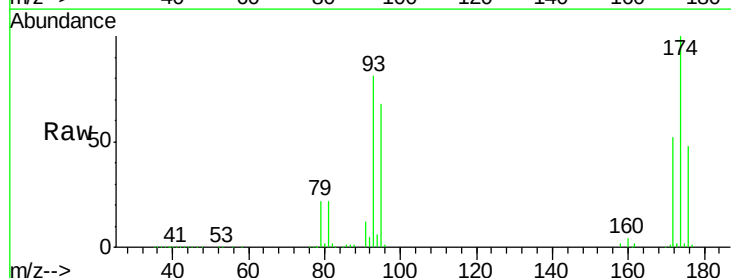
Manual Integrations
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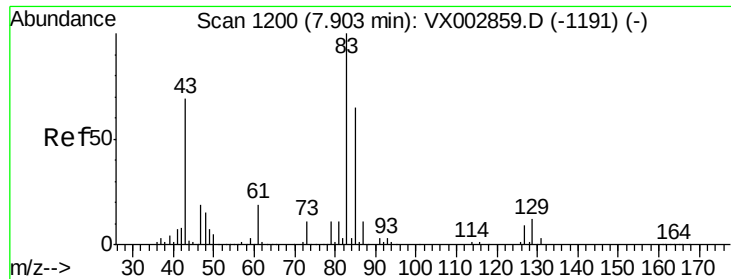
apatel
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#46
 Dibromomethane
 Concen: 46.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion: 93 Resp: 108583
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 48.55 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 208975

Ion Ratio Lower Upper

83 100

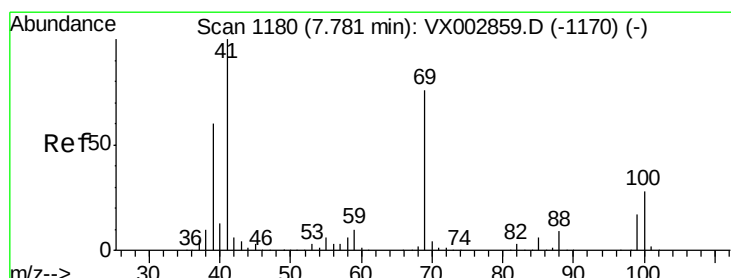
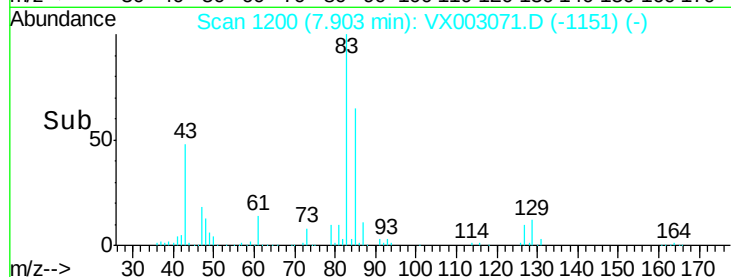
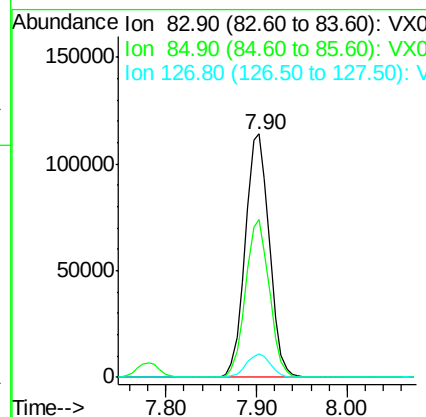
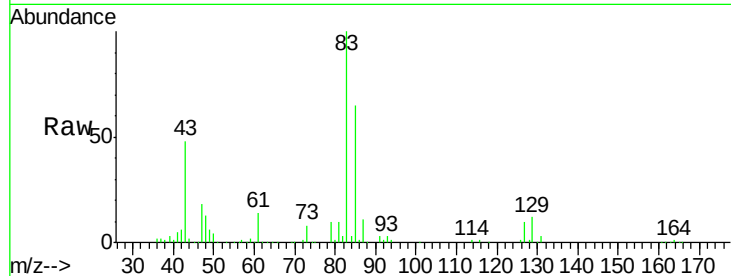
85 64.9 50.3 75.5

127 9.6 7.0 10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.60 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

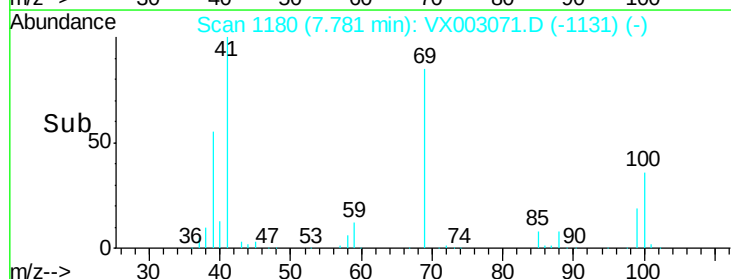
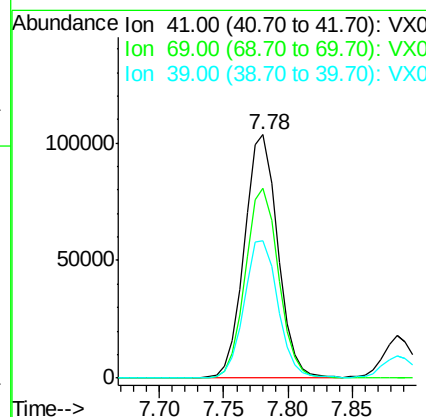
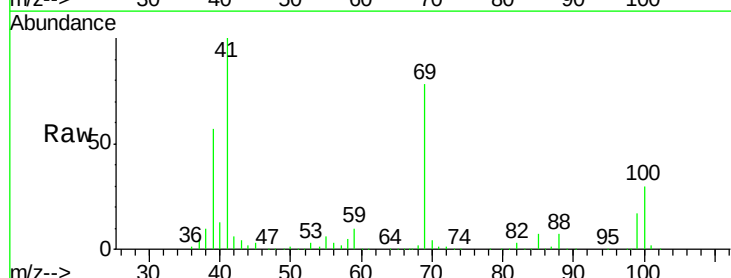
Tgt Ion: 41 Resp: 184659

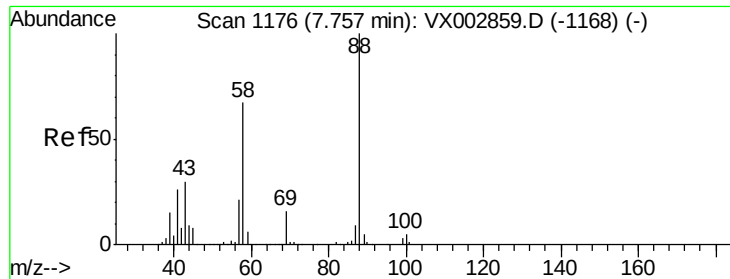
Ion Ratio Lower Upper

41 100

69 78.4 59.1 88.7

39 57.1 48.9 73.3





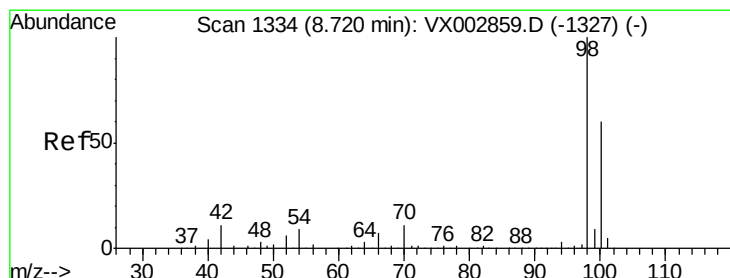
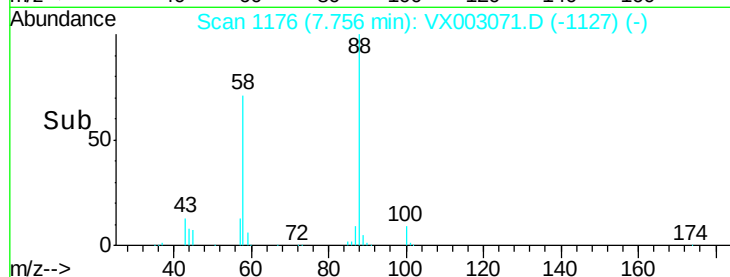
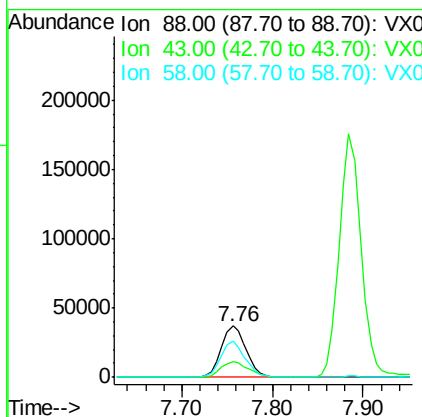
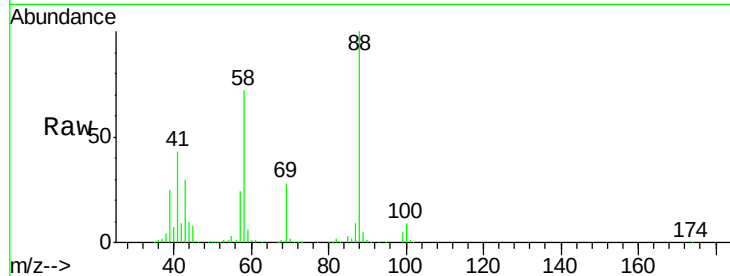
#49
1,4-Dioxane
Concen: 907.20 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.8	44.6
58	70.8	57.1	85.7

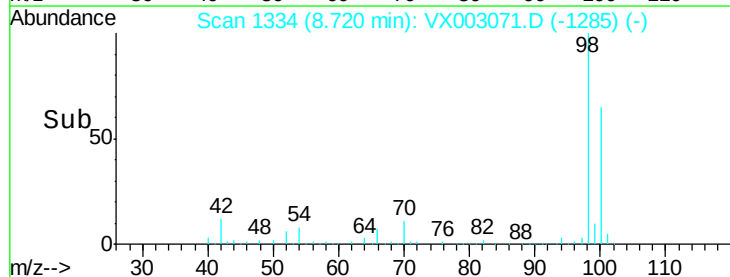
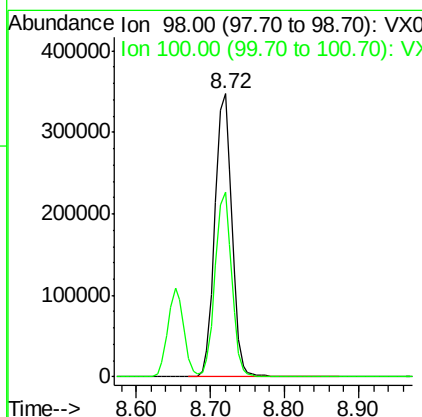
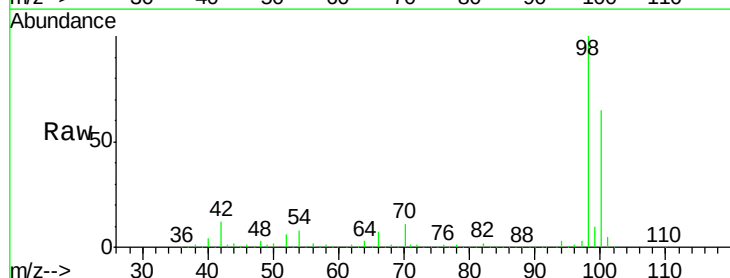
Manual Integrations
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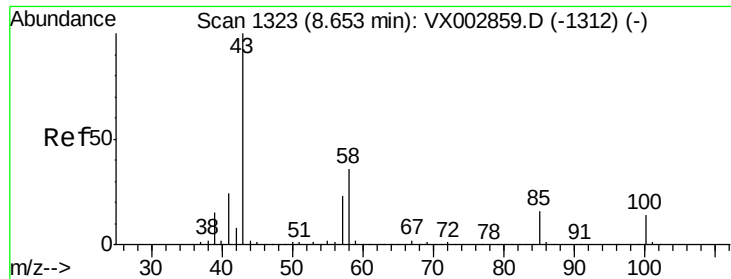
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#50
Toluene-d8
Concen: 47.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 227.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1118586

Ion Ratio Lower Upper

43 100

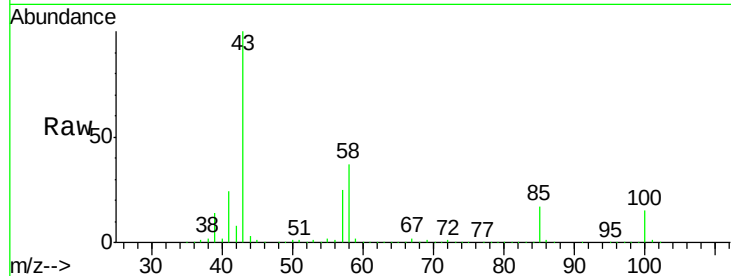
58 37.1 28.6 42.8

Manual Integrations

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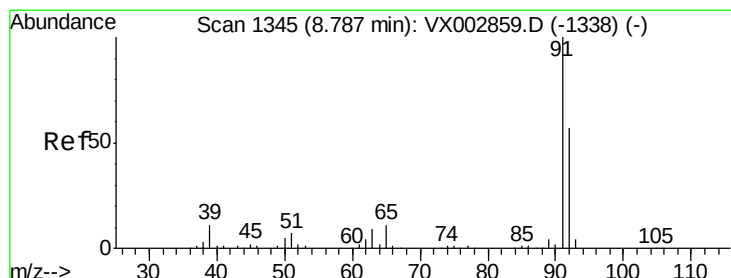
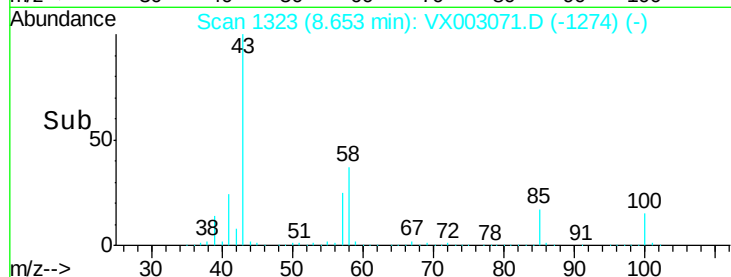
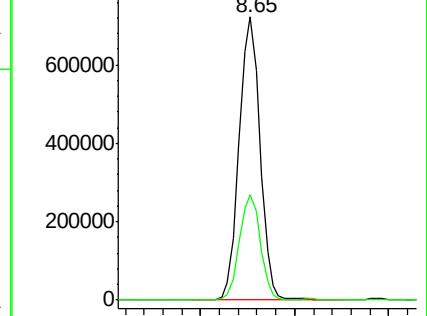
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003071.D

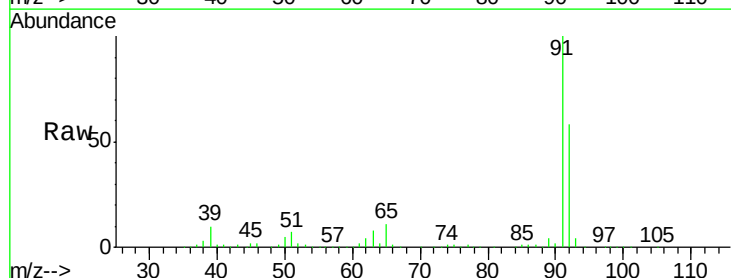
Acq: 30 Jun 2018 10:57

Tgt Ion: 92 Resp: 395396

Ion Ratio Lower Upper

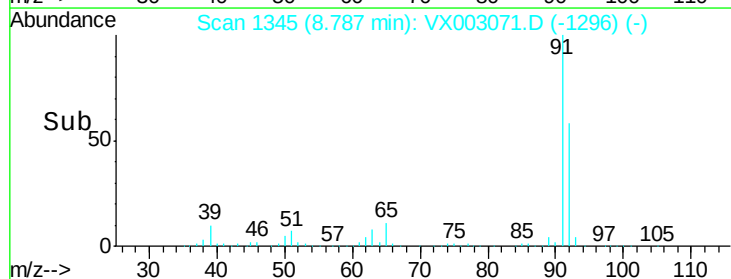
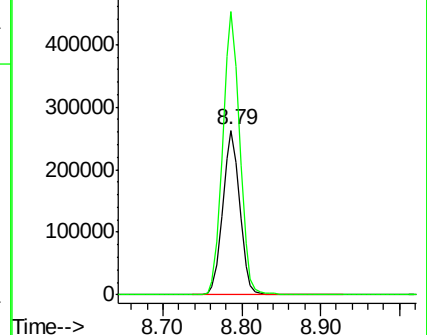
92 100

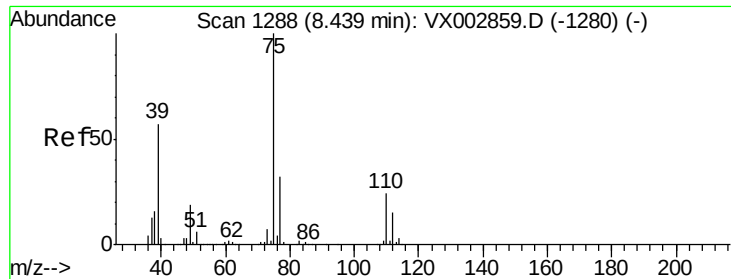
91 173.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 245817

Ion Ratio Lower Upper

75 100

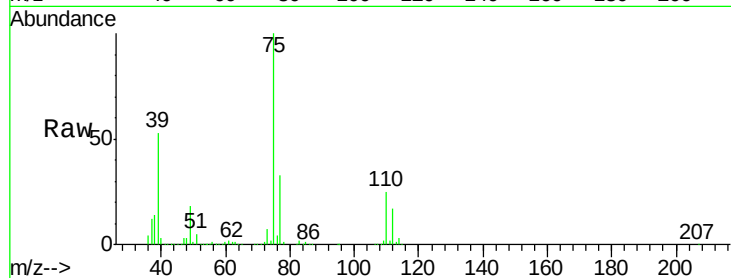
77 32.5 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

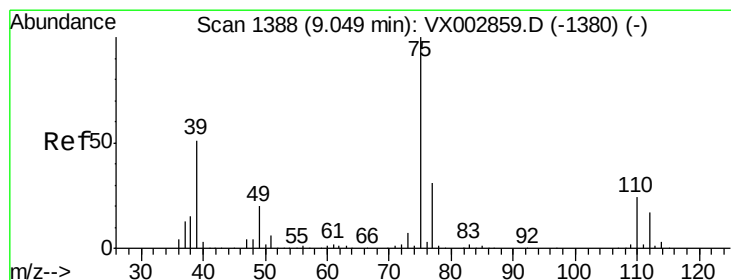
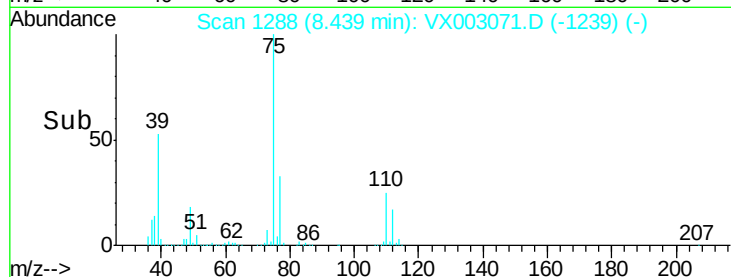
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.85 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

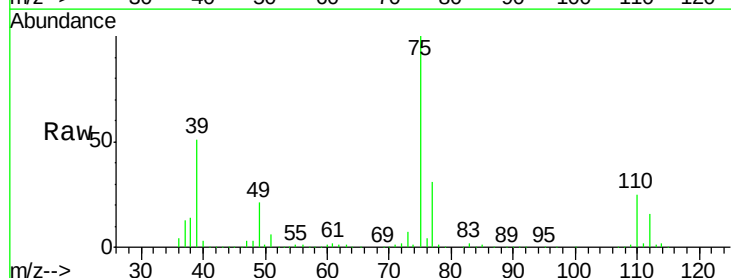
Tgt Ion: 75 Resp: 229092

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 51.1 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

150000

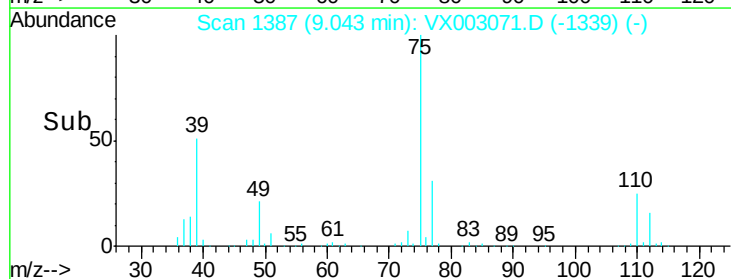
100000

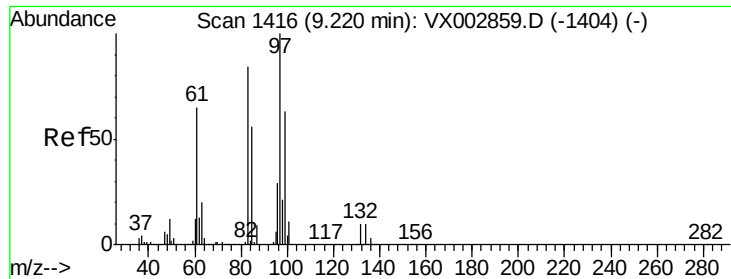
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





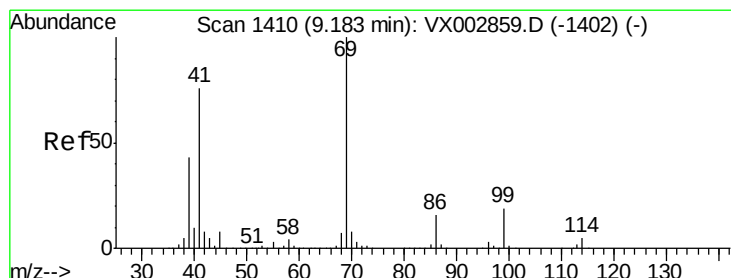
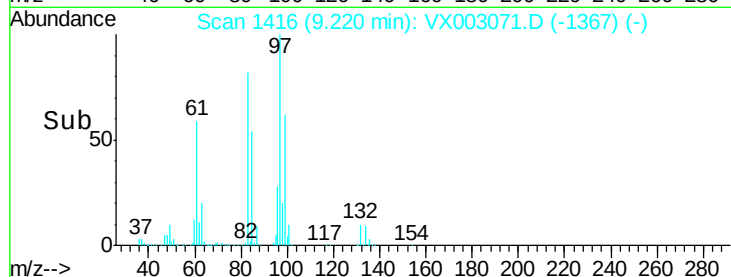
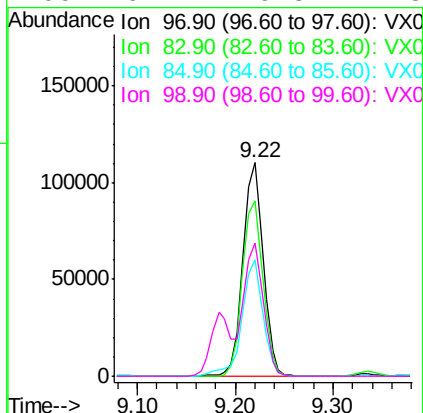
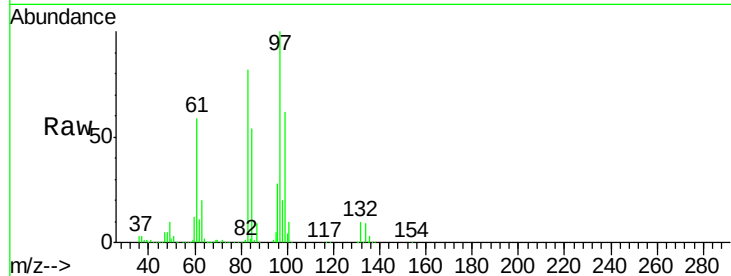
#55
 1,1,2-Trichloroethane
 Concen: 48.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	160303
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.2	105.2
85	54.4	44.9	67.3
99	62.4	49.8	74.8

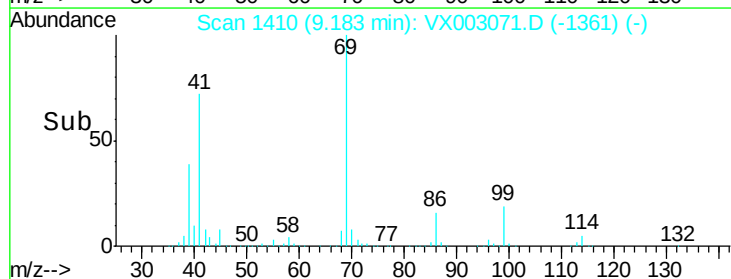
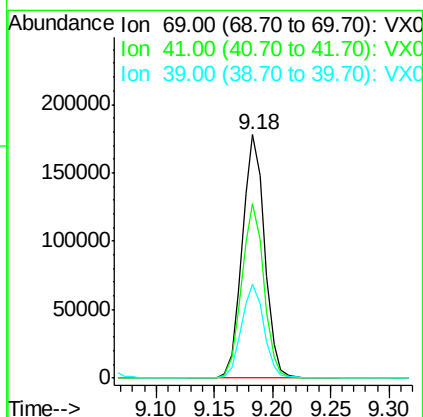
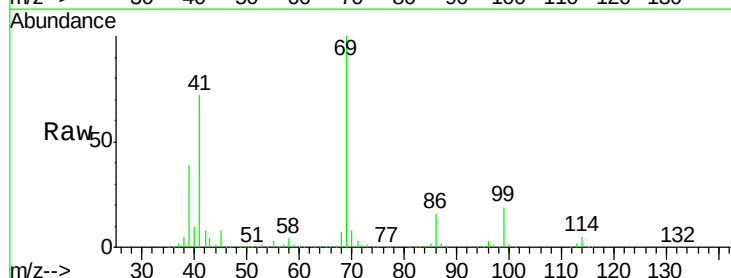
Manual Integrations
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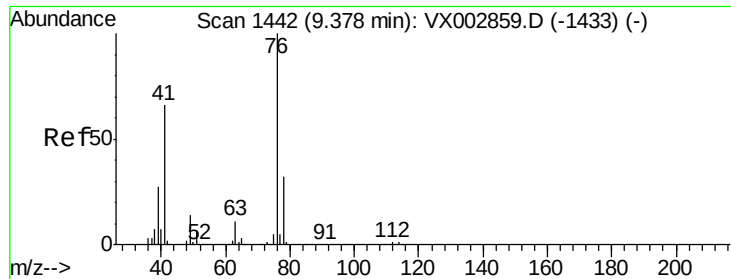
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#56
 Ethyl methacrylate
 Concen: 49.25 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion:	69	Resp:	239634
Ion	Ratio	Lower	Upper
69	100		
41	71.0	60.3	90.5
39	38.5	35.8	53.8





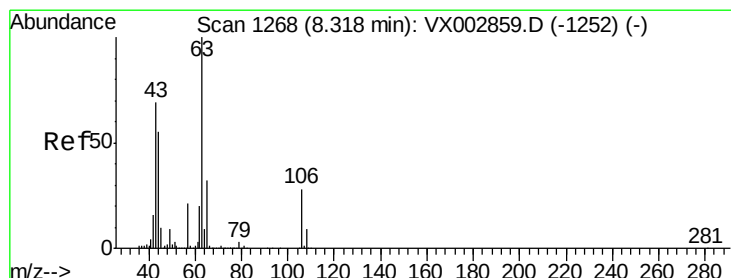
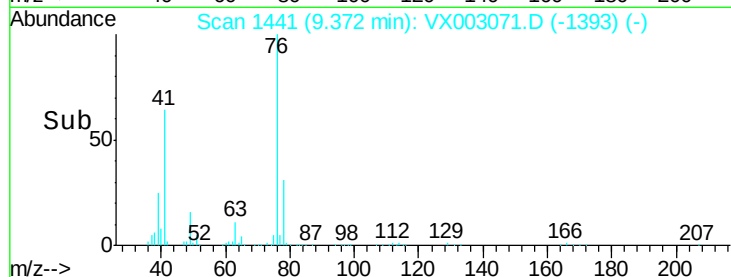
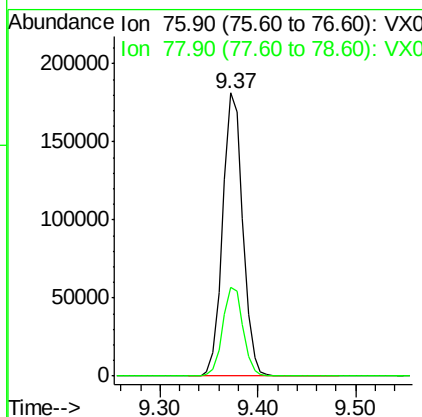
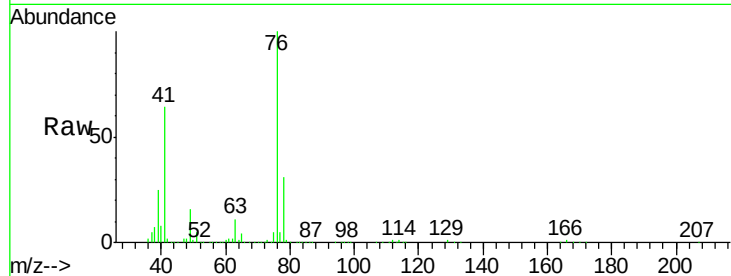
#57
 1,3-Dichloropropane
 Concen: 47.28 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

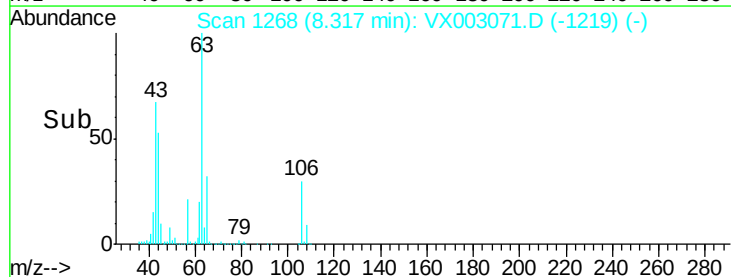
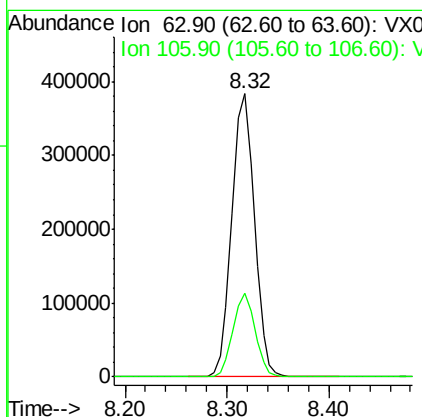
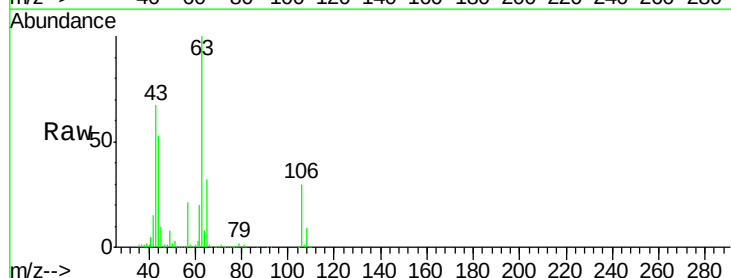
Manual Integrations
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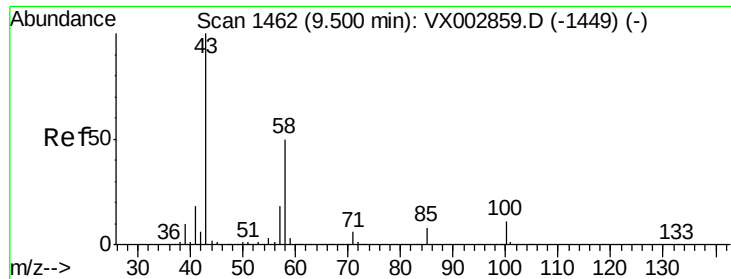
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.22 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	21.8	32.8





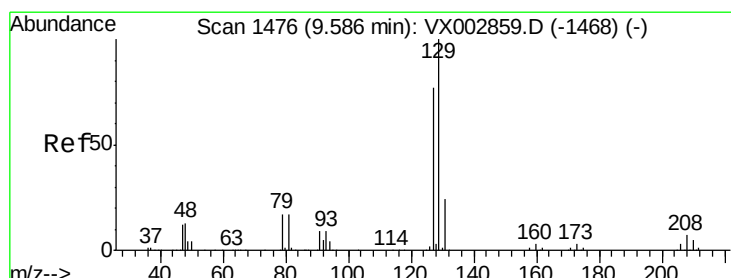
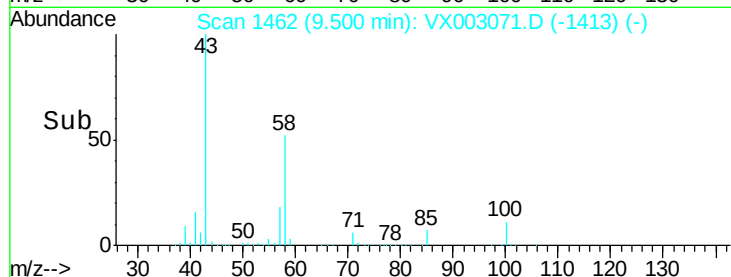
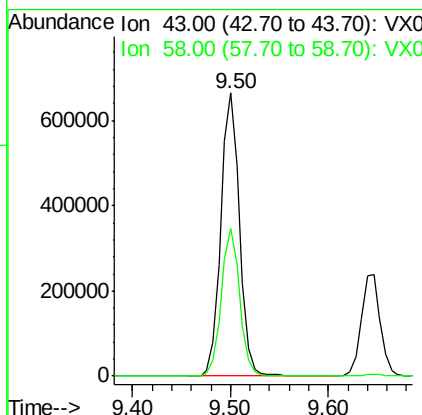
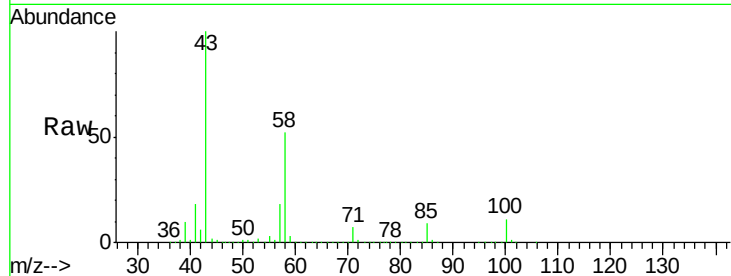
#59
2-Hexanone
Concen: 234.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 876079
Ion Ratio Lower Upper
43 100
58 51.5 24.6 73.6

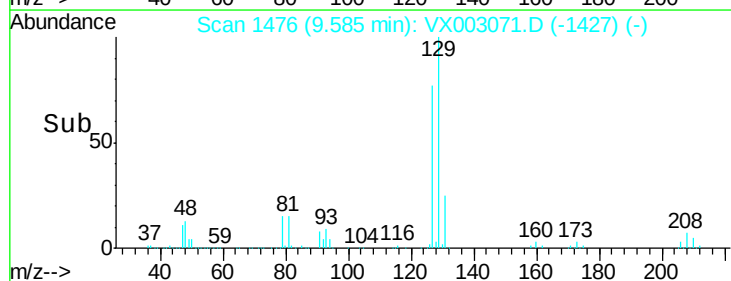
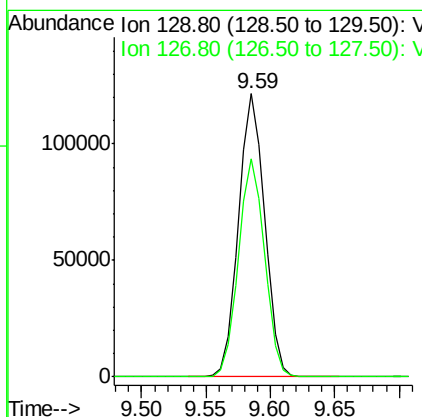
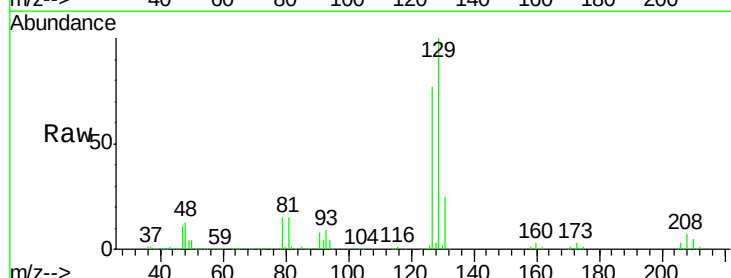
Manual Integrations
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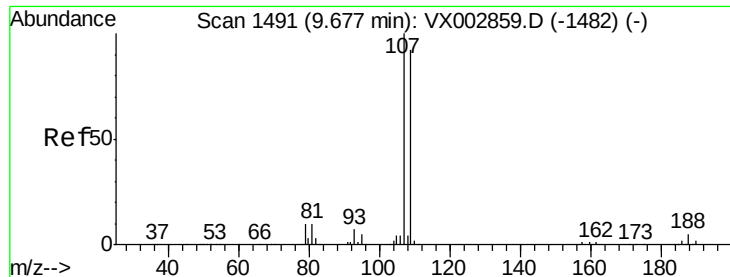
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#60
Dibromochloromethane
Concen: 48.98 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion: 129 Resp: 171666
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.58 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 166145

Ion Ratio Lower Upper

107 100

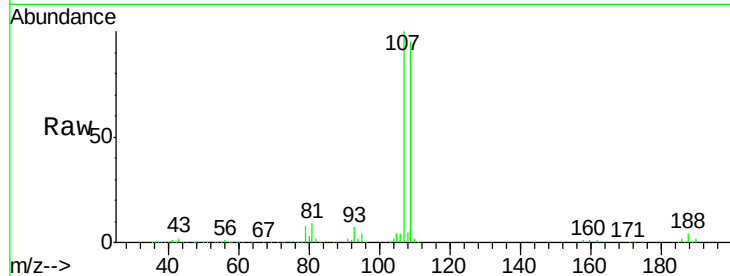
109 94.1 75.3 112.9

Manual Integrations

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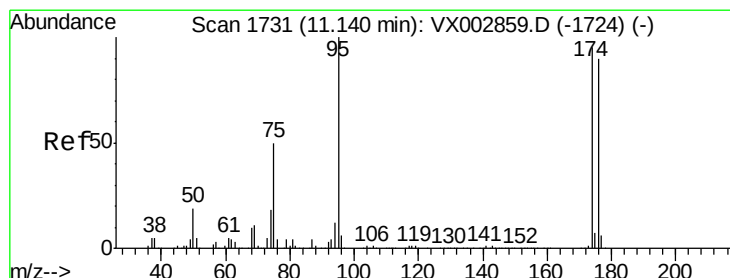
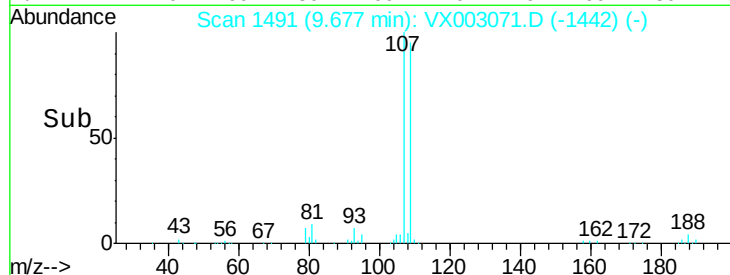
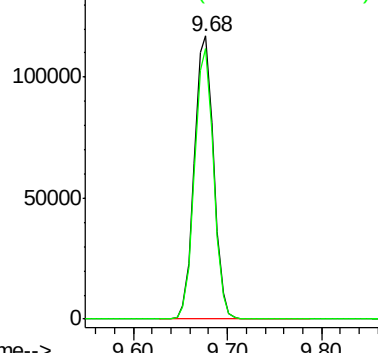
apatel

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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: 46.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

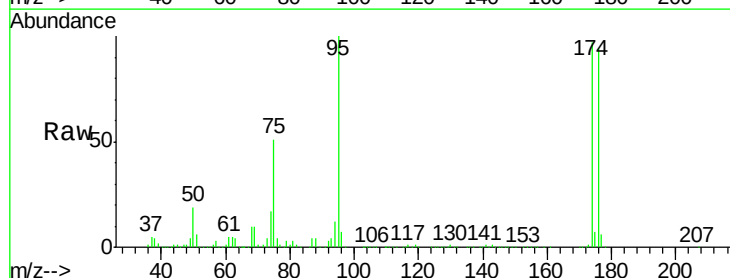
Tgt Ion: 95 Resp: 206264

Ion Ratio Lower Upper

95 100

174 98.5 0.0 187.4

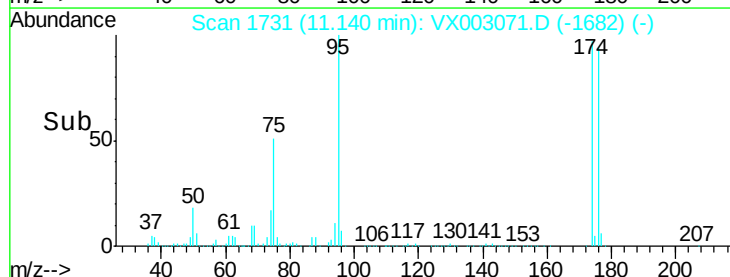
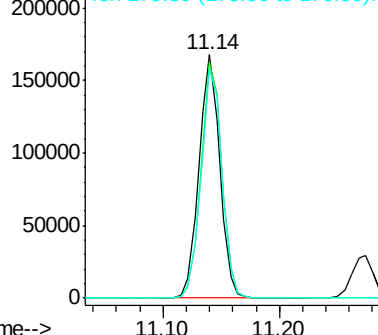
176 96.1 0.0 181.0

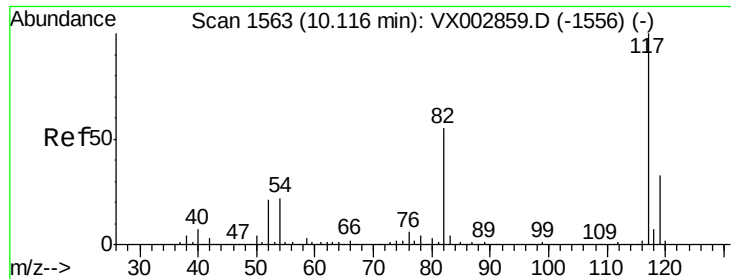


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





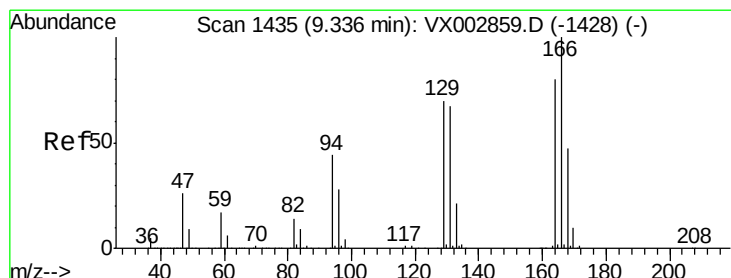
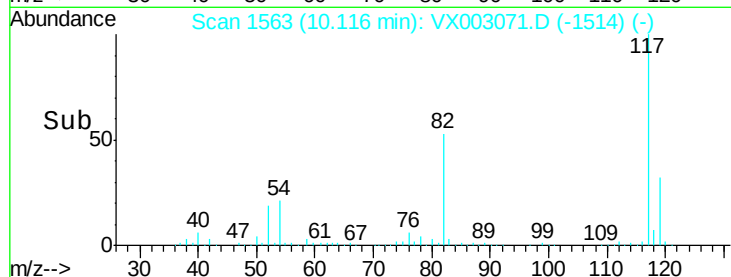
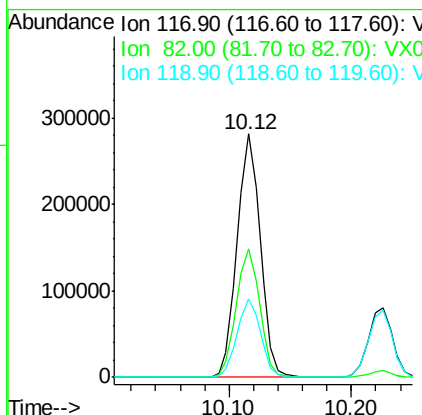
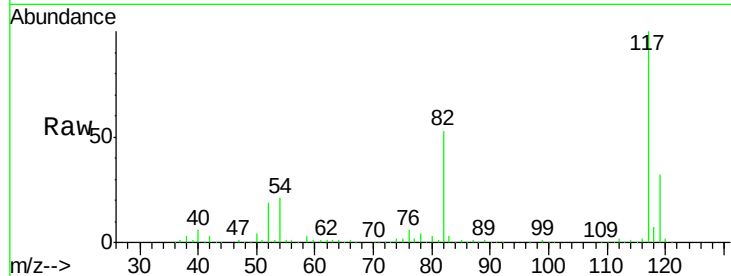
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.0	67.4
119	32.0	25.8	38.6

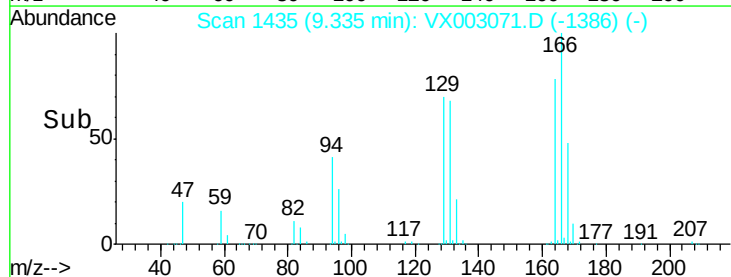
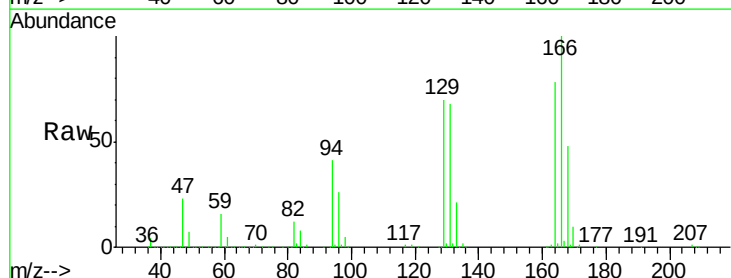
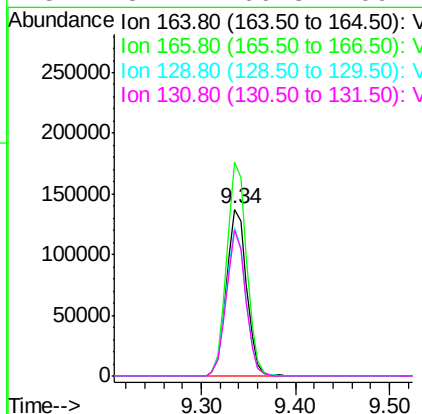
Manual Integrations
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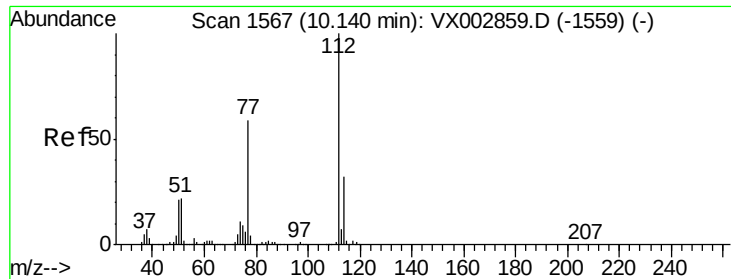
apatel
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#64
Tetrachloroethene
Concen: 49.25 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	89.1	68.6	102.8
131	87.7	66.8	100.2





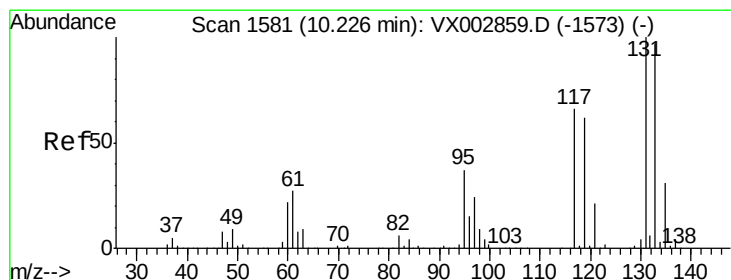
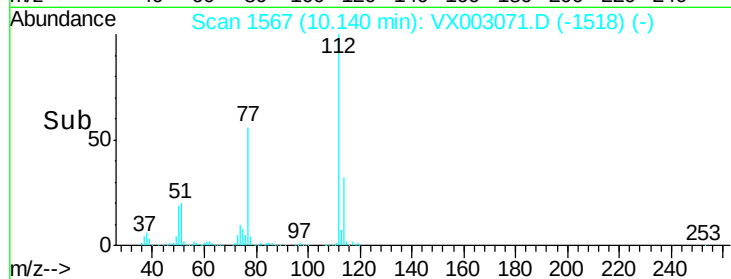
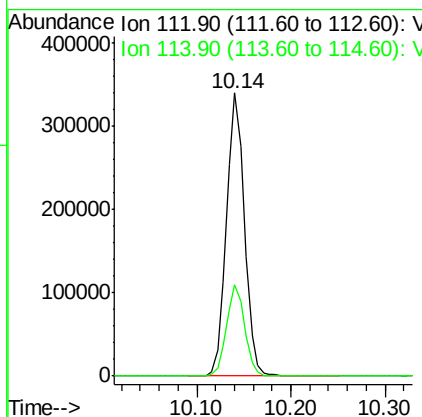
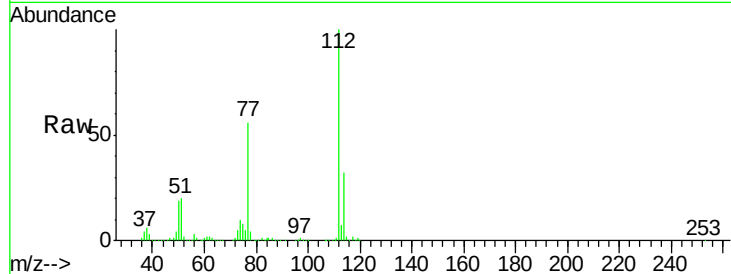
#65
Chlorobenzene
Concen: 48.27 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.3	37.9

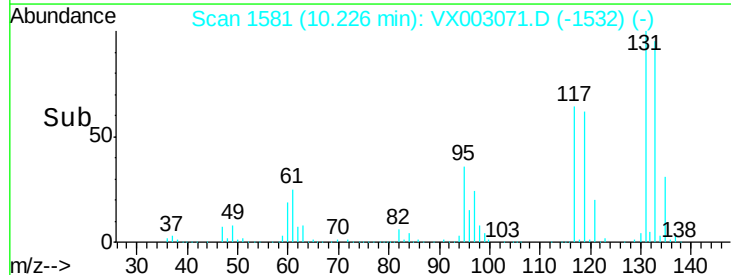
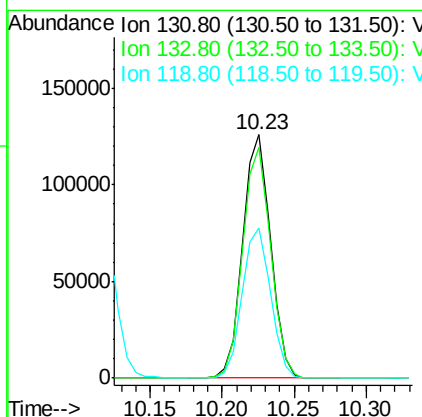
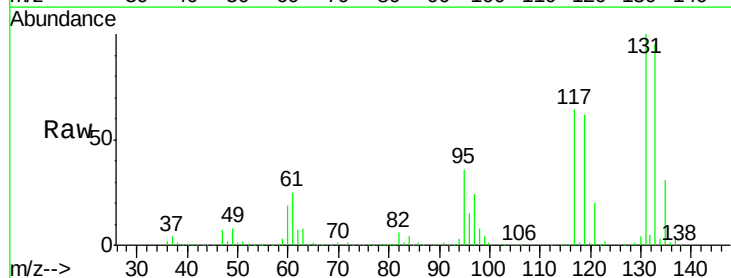
Manual Integrations
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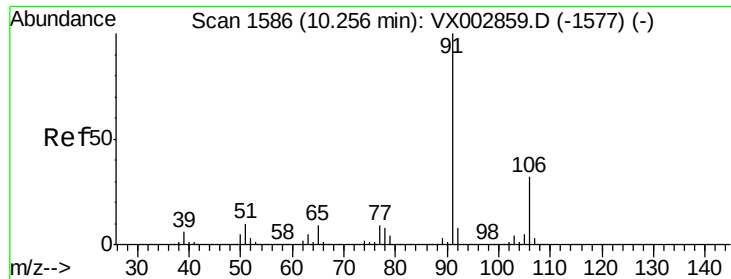
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.6
119	62.8	31.8	95.3





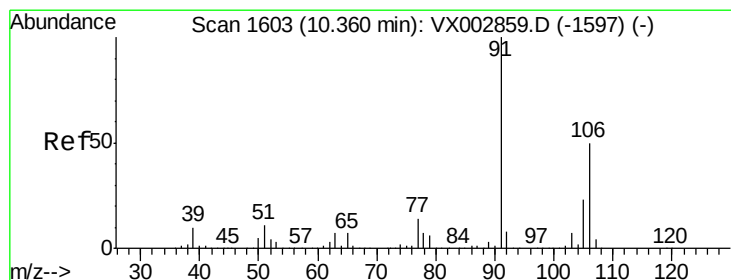
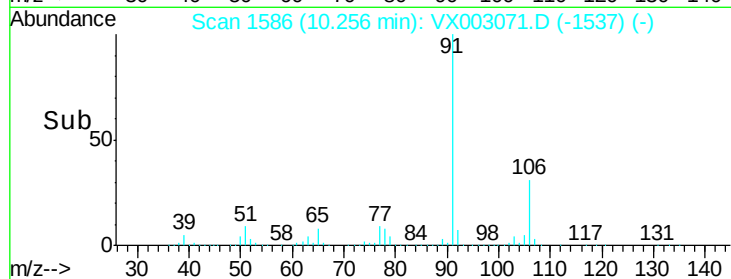
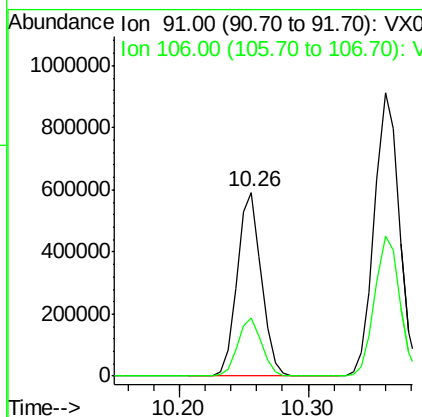
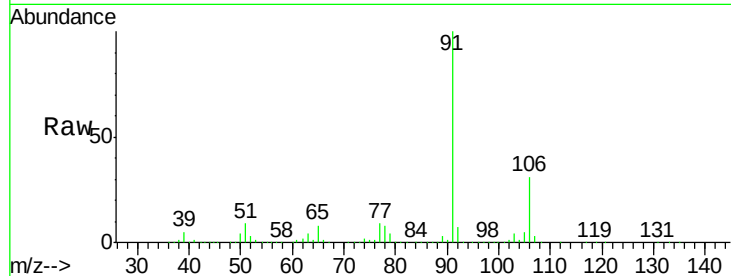
#67
Ethyl Benzene
Concen: 49.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 771771
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

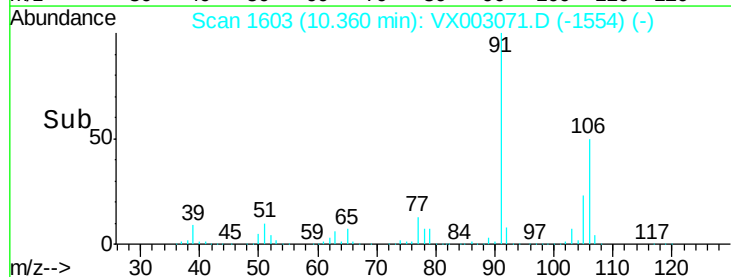
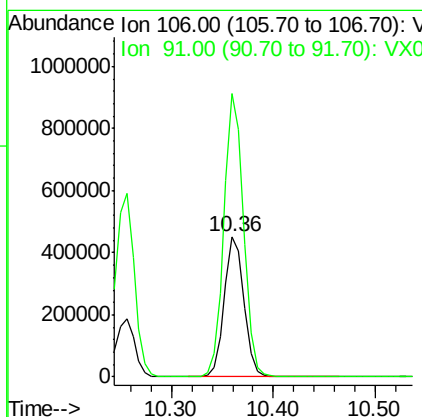
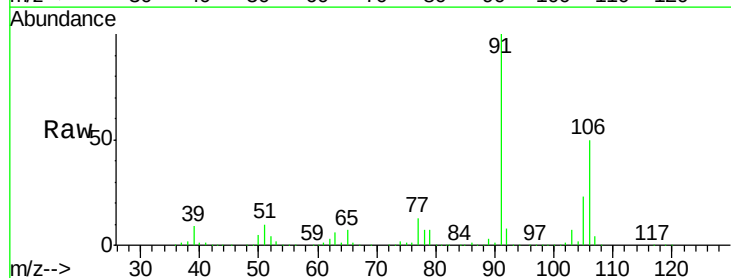
Manual Integrations
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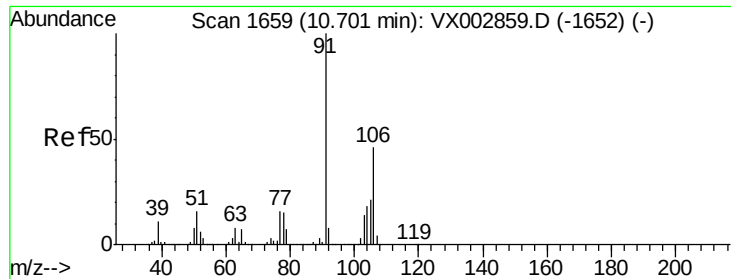
apatel
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#68
m/p-Xylenes
Concen: 101.07 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion: 106 Resp: 603901
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2





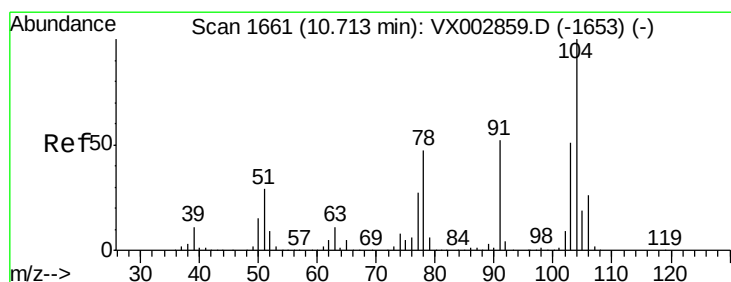
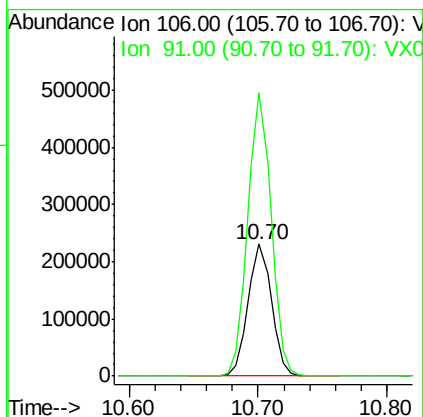
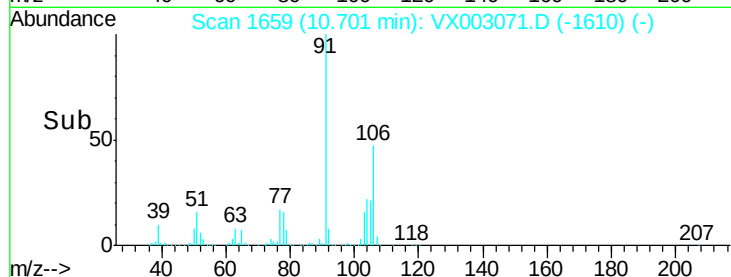
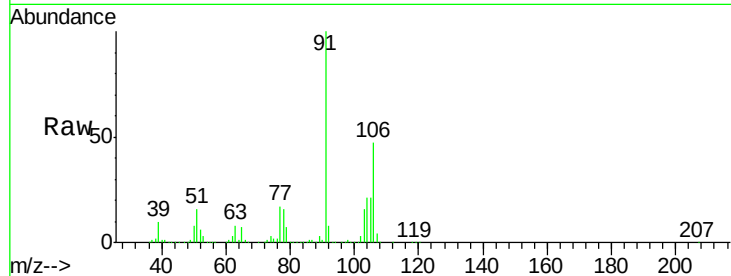
#69
o-Xylene
Concen: 49.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 289709
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6

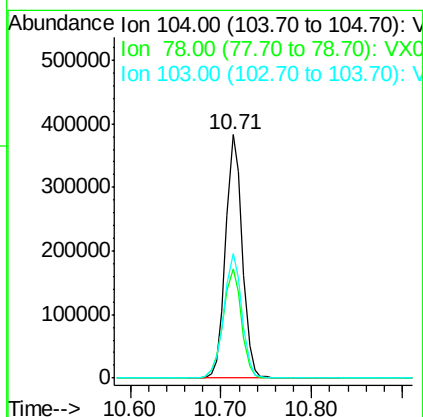
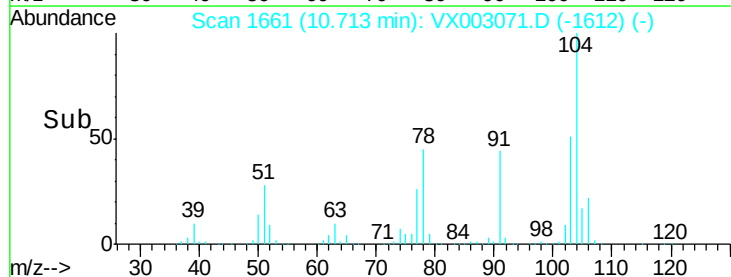
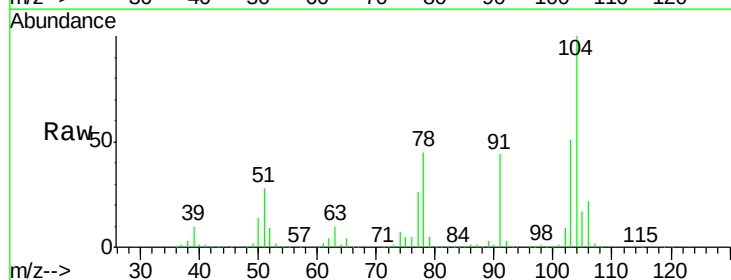
Manual Integrations
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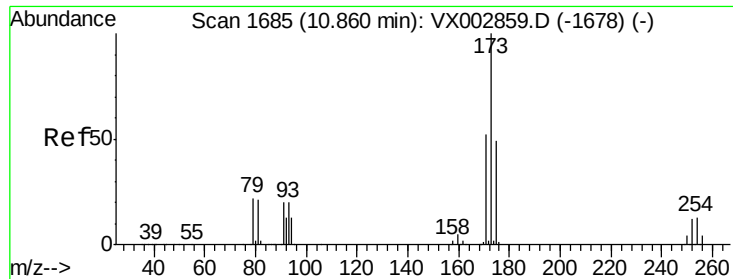
apatel
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#70
Styrene
Concen: 51.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion:104 Resp: 491035
Ion Ratio Lower Upper
104 100
78 49.8 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 43.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 133530

Ion Ratio Lower Upper

173 100

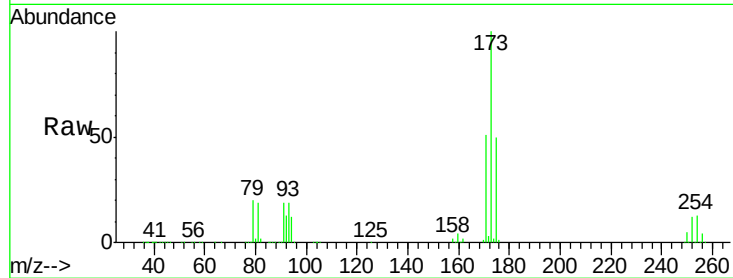
175 48.5 24.7 74.1

254 0.2 0.2 0.2

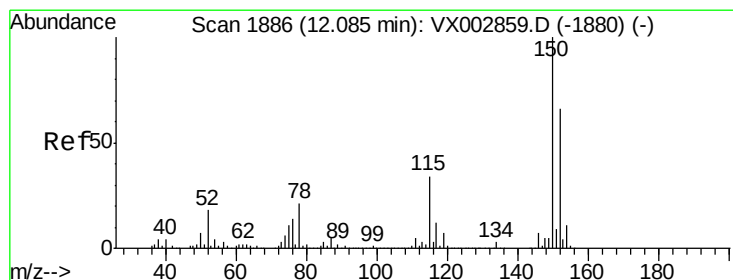
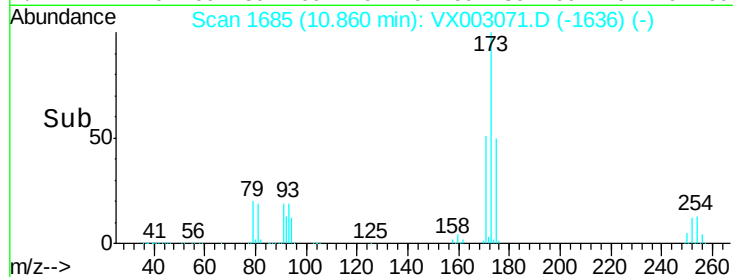
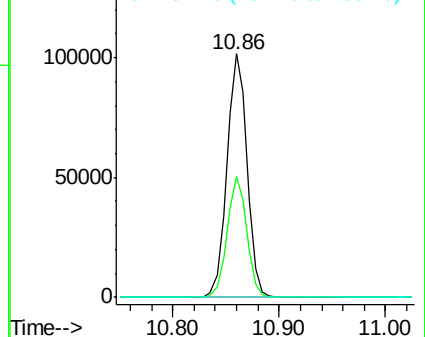
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

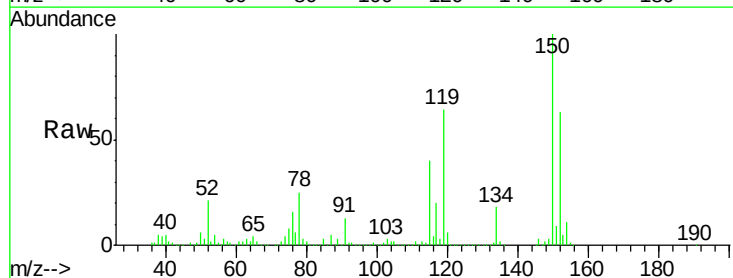
Tgt Ion:152 Resp: 230443

Ion Ratio Lower Upper

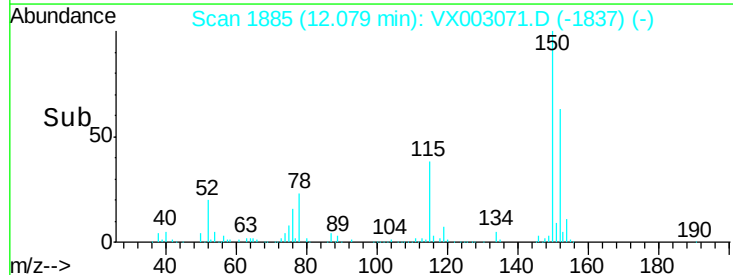
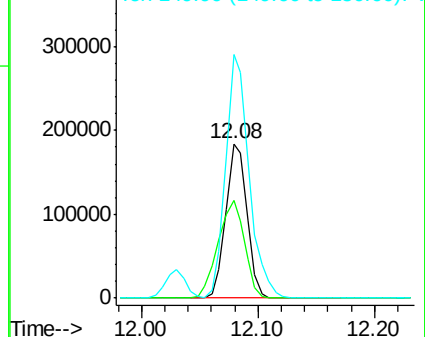
152 100

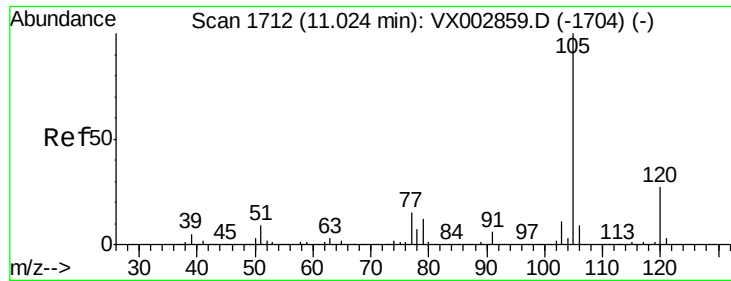
115 78.7 40.1 120.2

150 175.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.64 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 785031

Ion Ratio Lower Upper

105 100

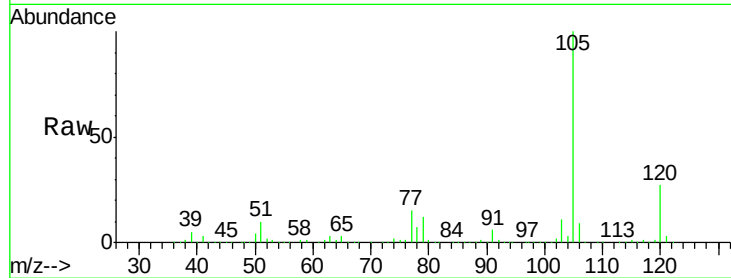
120 27.1 13.5 40.4

Manual Integrations

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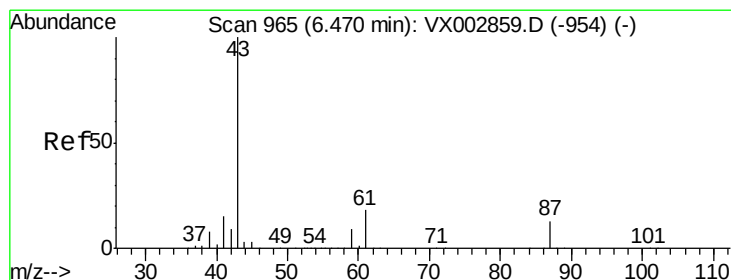
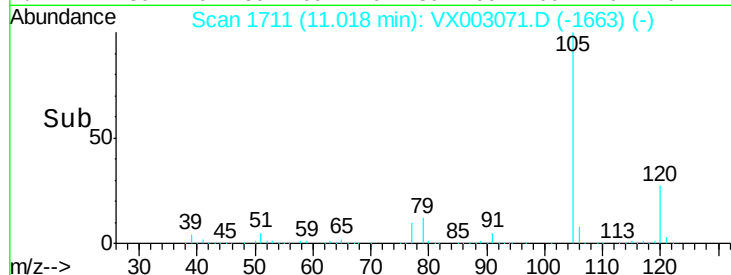
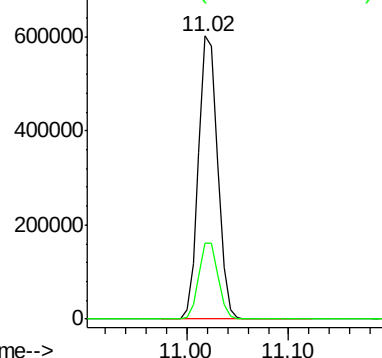
apatel

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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: 46.71 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion: 43 Resp: 354292

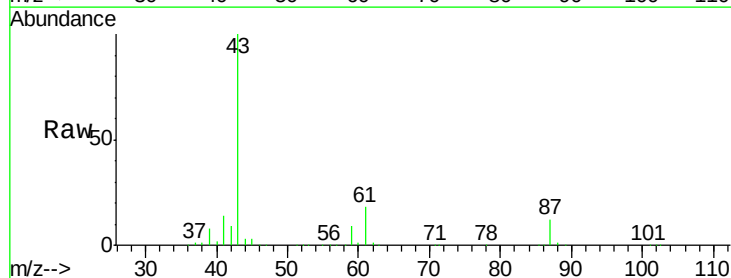
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

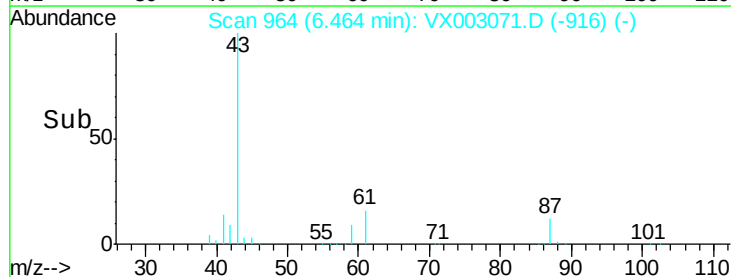
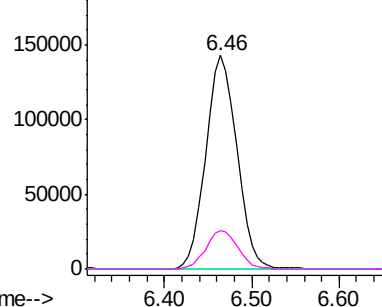


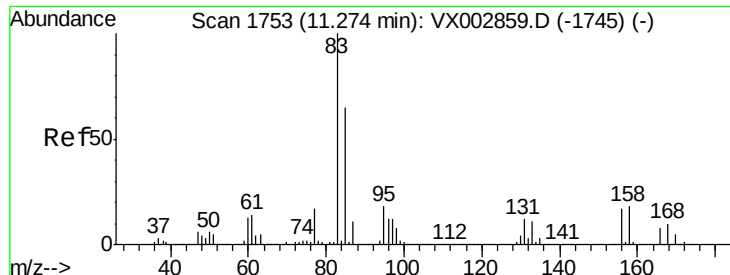
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.15 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

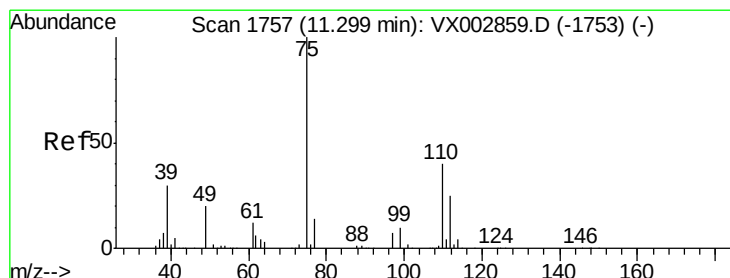
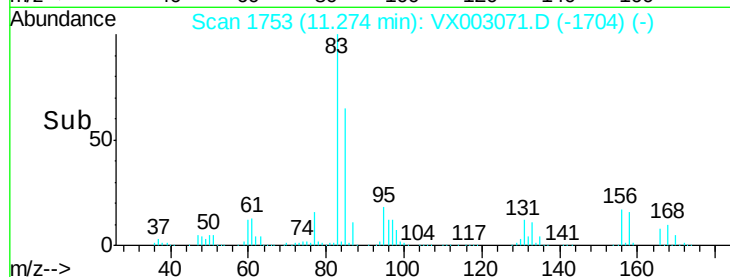
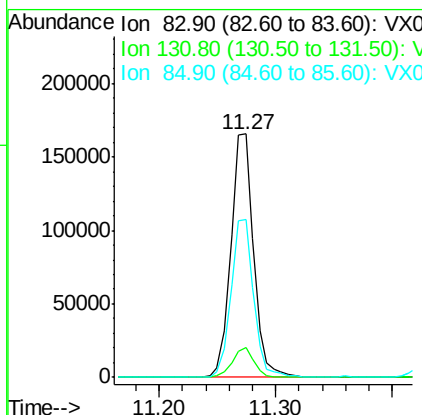
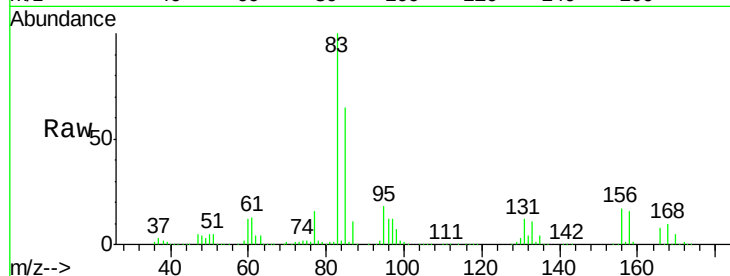
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	225168
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.36 ug/l m

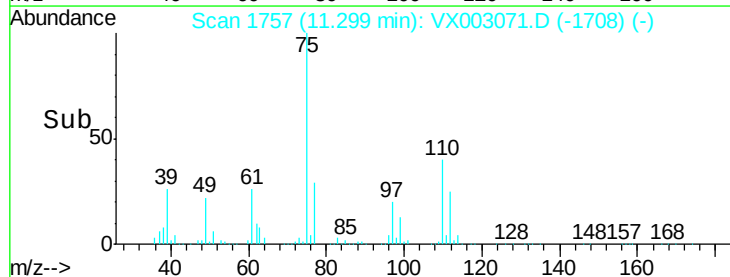
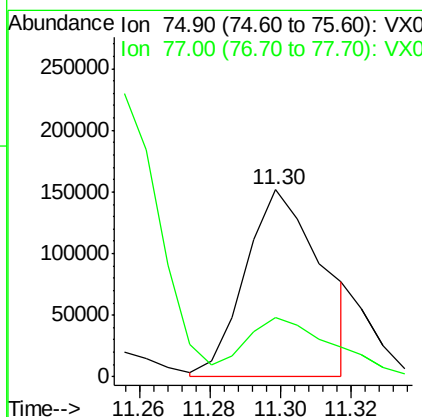
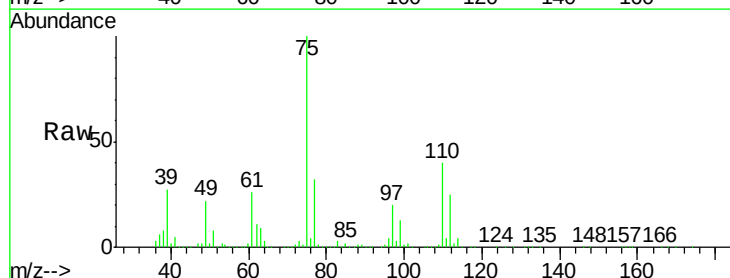
RT: 11.30 min Scan# 1757

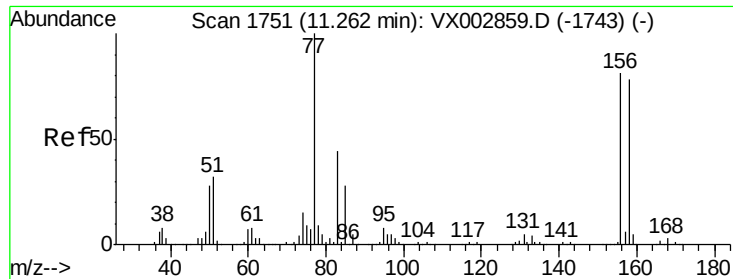
Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	75	Resp:	226927
Ion Ratio	Lower	Upper	
75	100		
77	36.6	22.8	68.3





#77

Bromobenzene

Concen: 48.57 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

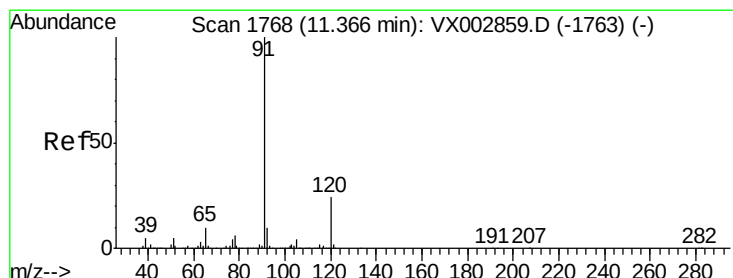
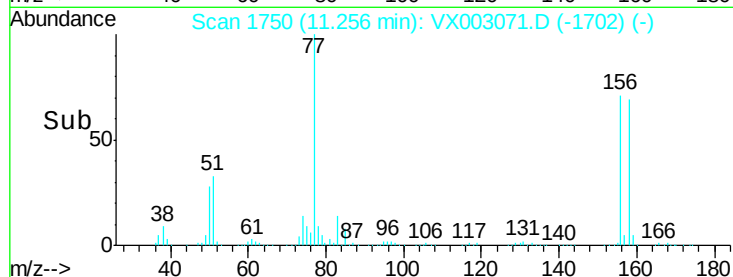
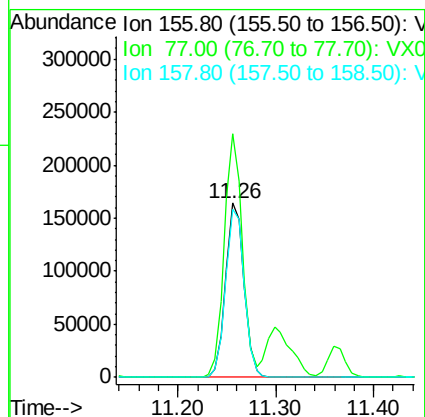
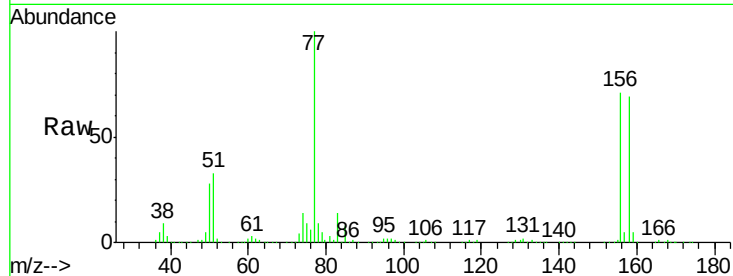
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		214413		
77	136.8		71.4	214.2	
158	98.3		48.9	146.6	

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#78

n-propylbenzene

Concen: 50.32 ug/l

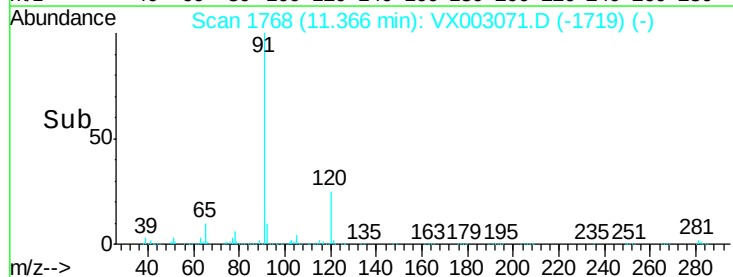
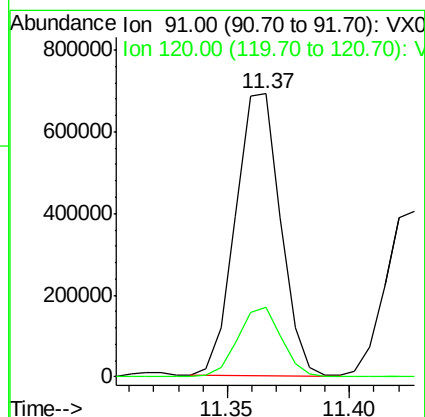
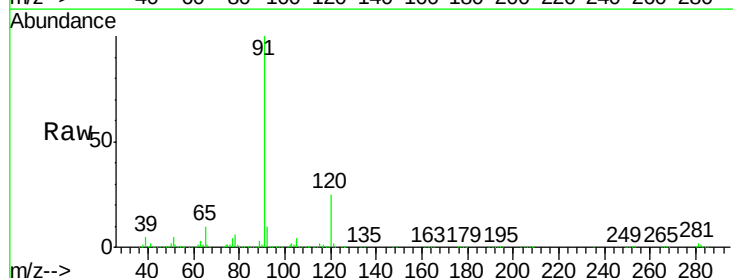
RT: 11.37 min Scan# 1768

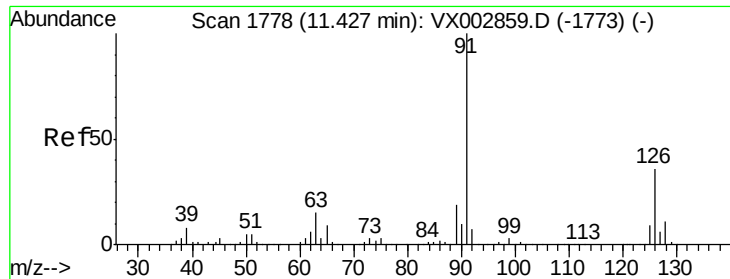
Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		887950		
120	24.2		11.8	35.4	





#79

2-Chlorotoluene

Concen: 49.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 524529

Ion Ratio Lower Upper

91 100

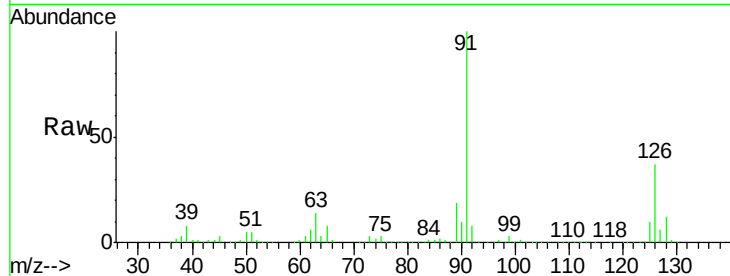
126 36.4 17.7 53.1

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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) (-)

800000

600000

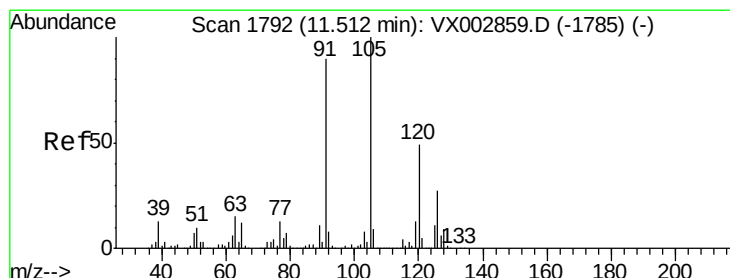
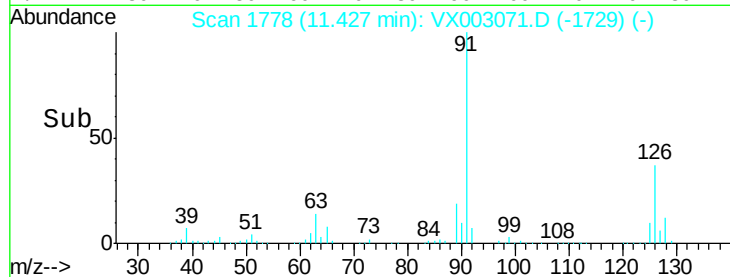
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003071.D

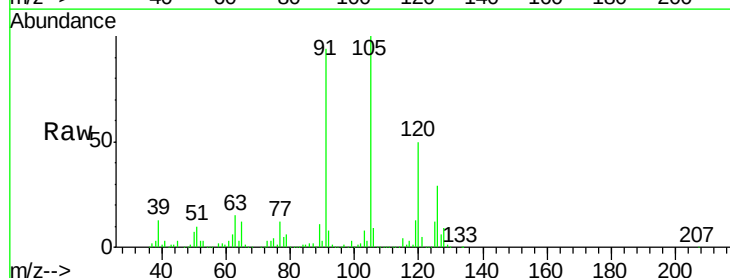
Acq: 30 Jun 2018 10:57

Tgt Ion: 105 Resp: 657510

Ion Ratio Lower Upper

105 100

120 49.2 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) (-)

600000

500000

400000

300000

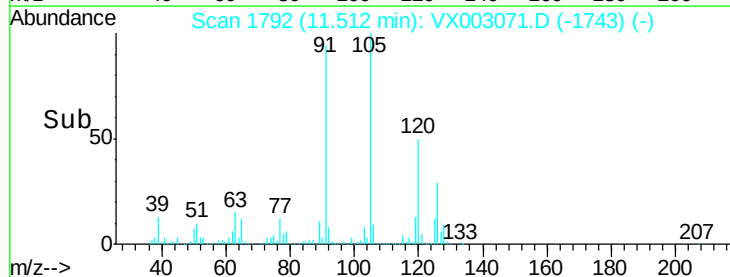
200000

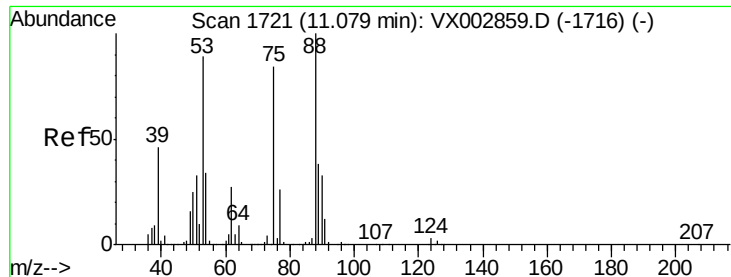
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 44.33 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

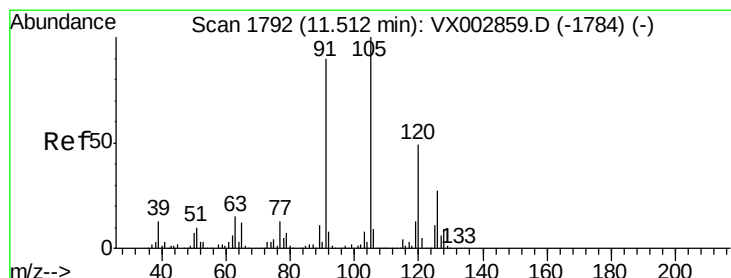
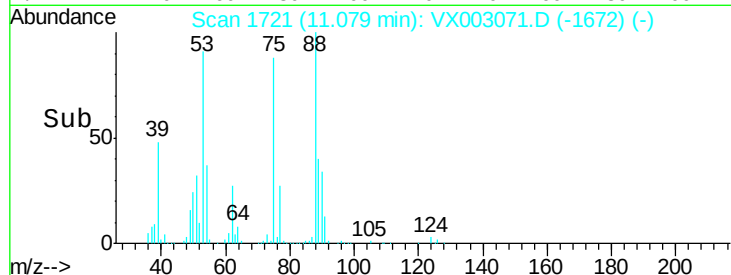
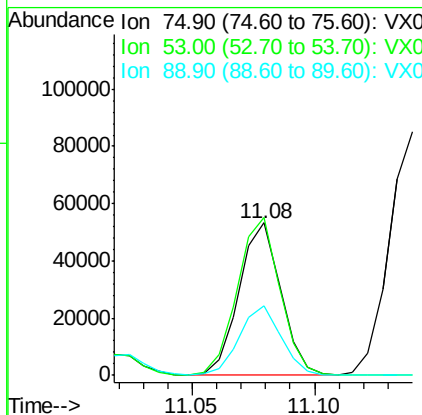
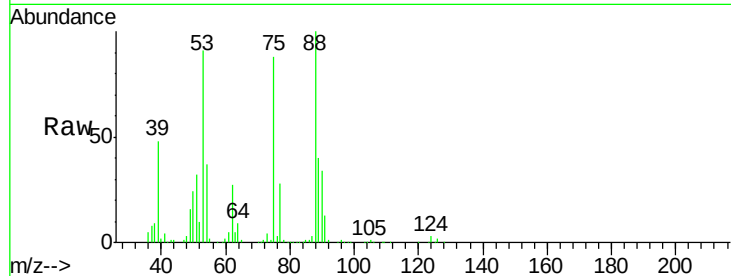
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	63191
Ion	Ratio	Lower	Upper
75	100		
53	106.0	86.8	130.2
89	46.1	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.41 ug/l

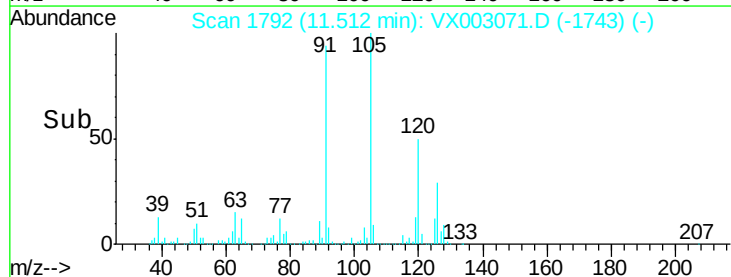
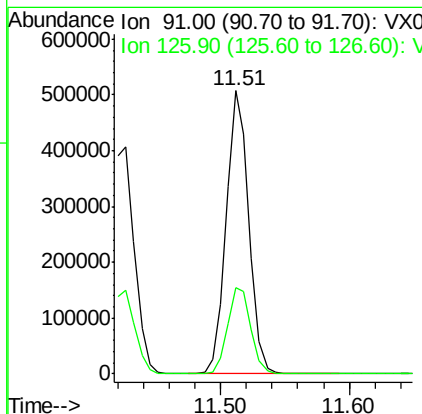
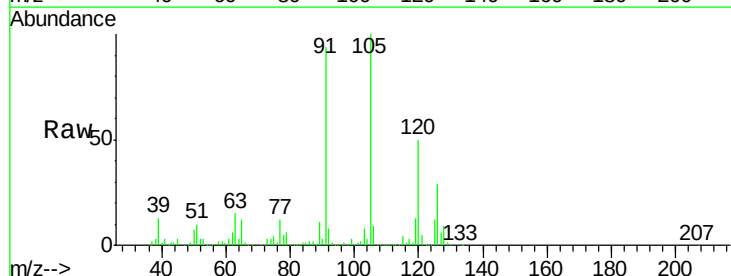
RT: 11.51 min Scan# 1792

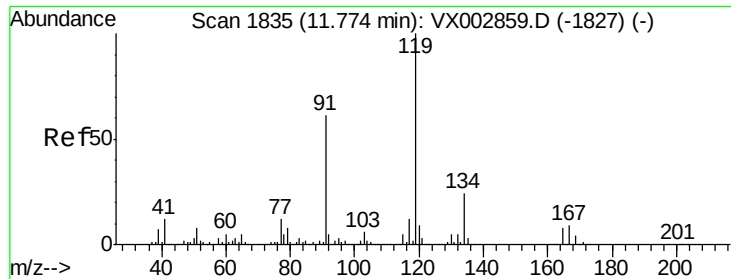
Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	91	Resp:	624895
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





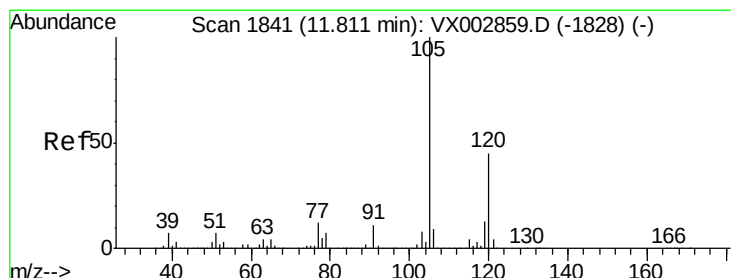
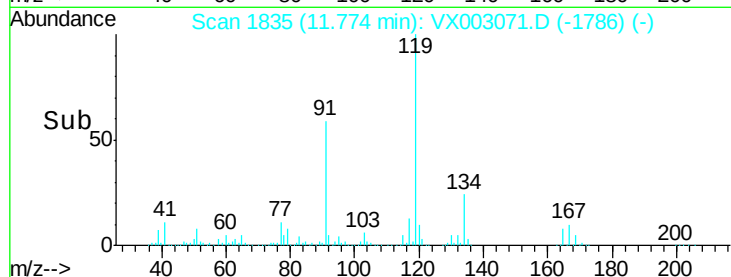
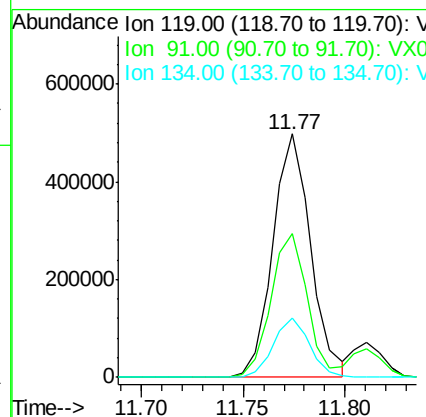
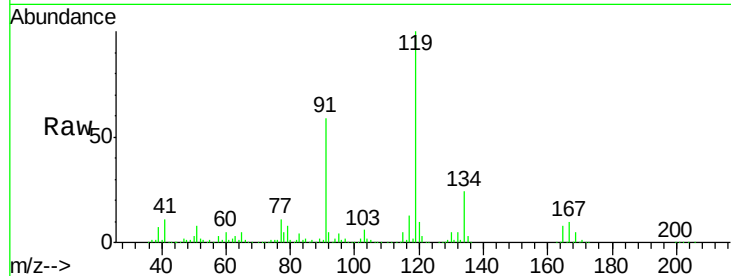
#83
 tert-Butylbenzene
 Concen: 49.88 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	30.3	90.9
134	23.6	11.7	35.1

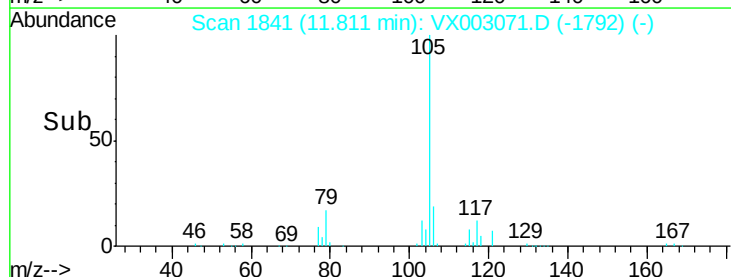
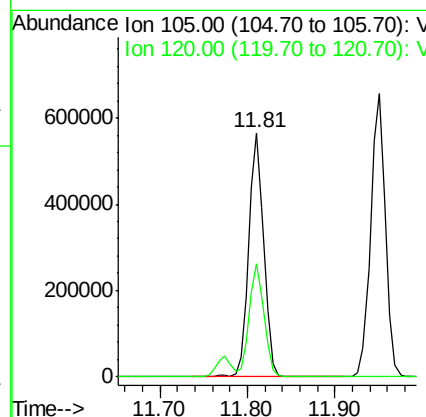
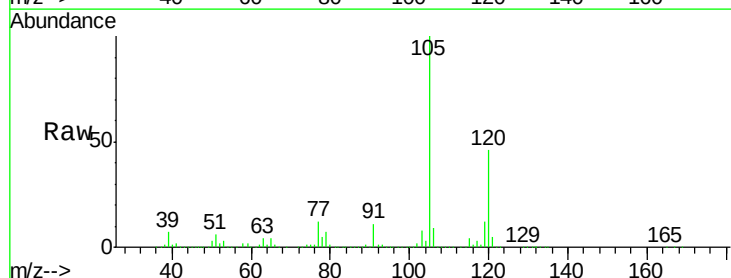
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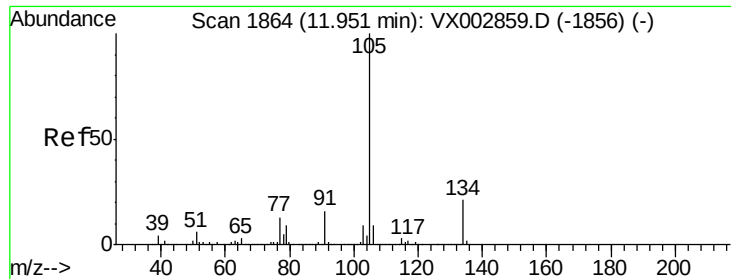
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.86 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 778398

Ion Ratio Lower Upper

105 100

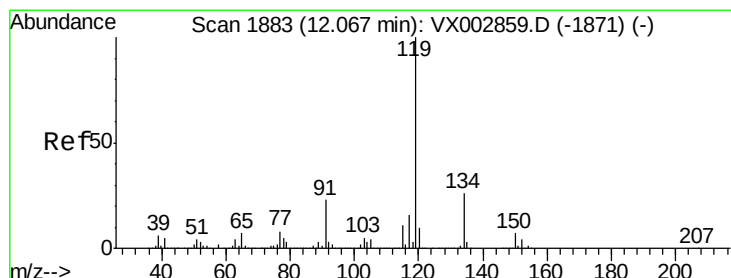
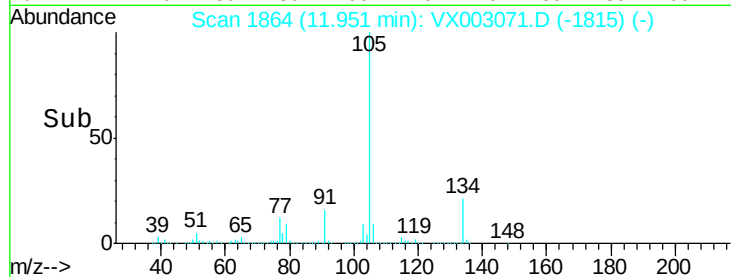
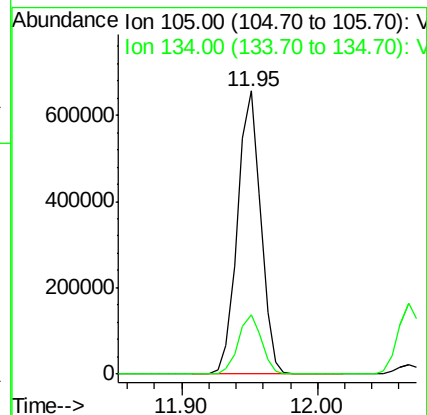
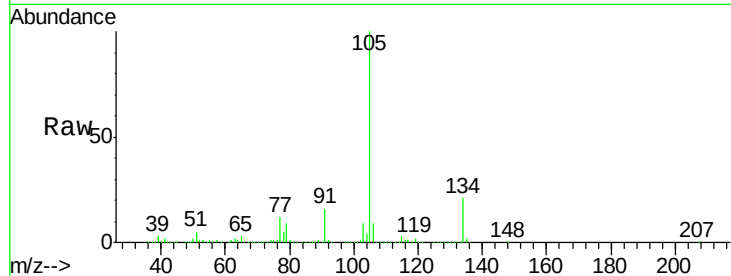
134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.98 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

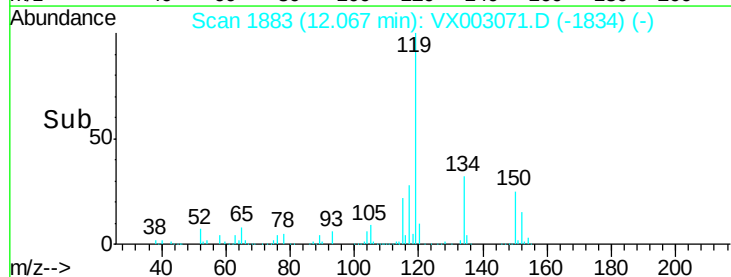
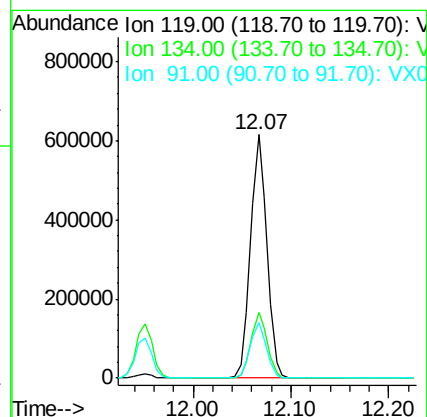
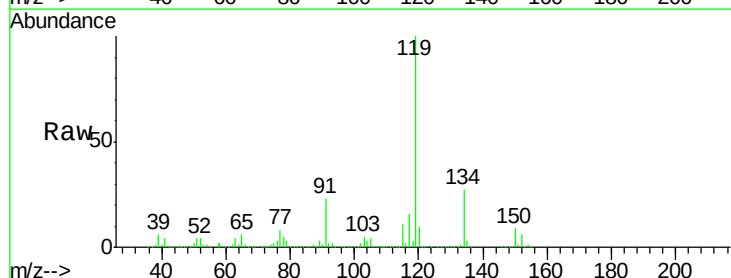
Tgt Ion:119 Resp: 715455

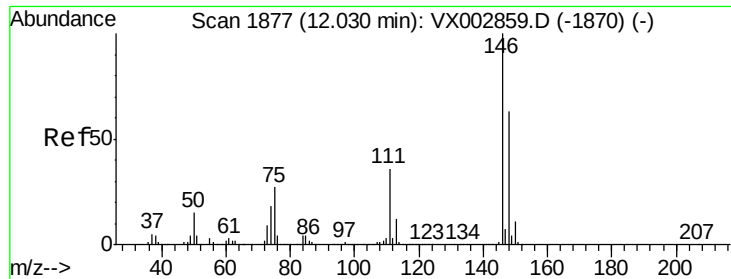
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.8 11.9 35.7





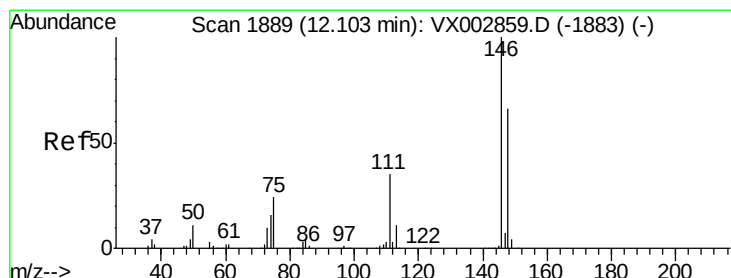
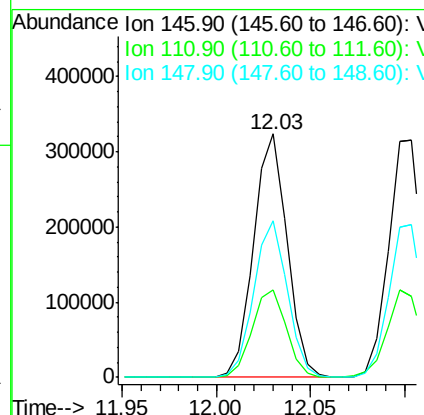
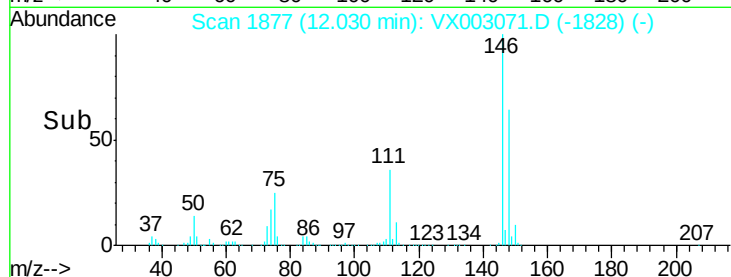
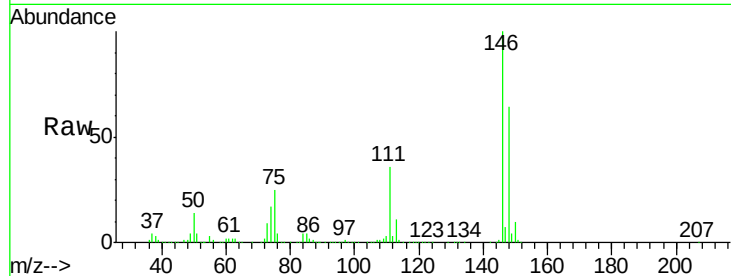
#87
 1,3-Dichlorobenzene
 Concen: 49.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	399297		
111	37.1	18.9	56.7	
148	64.3	32.1	96.3	

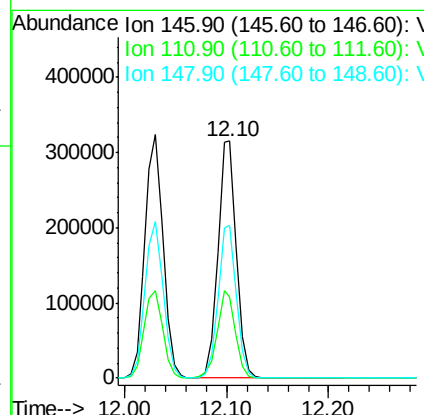
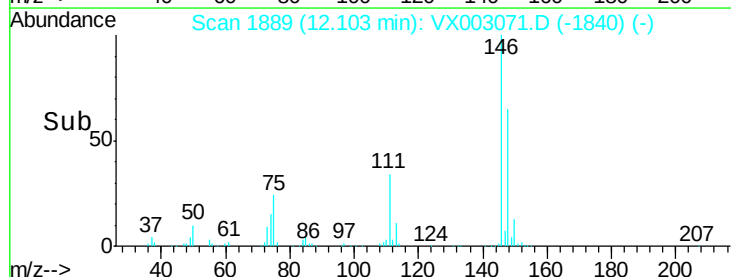
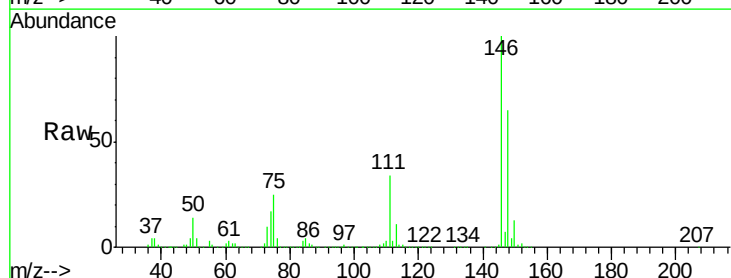
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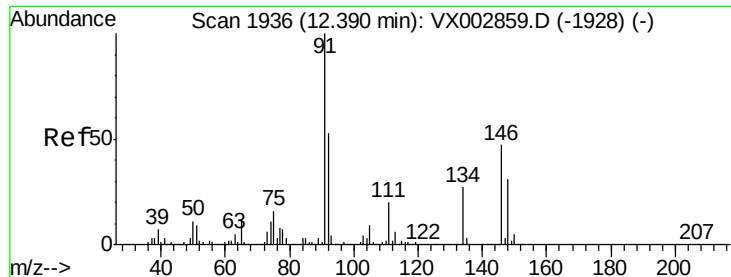
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#88
 1,4-Dichlorobenzene
 Concen: 48.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003071.D
 Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	404138		
111	36.2	18.7	56.1	
148	64.2	32.4	97.0	





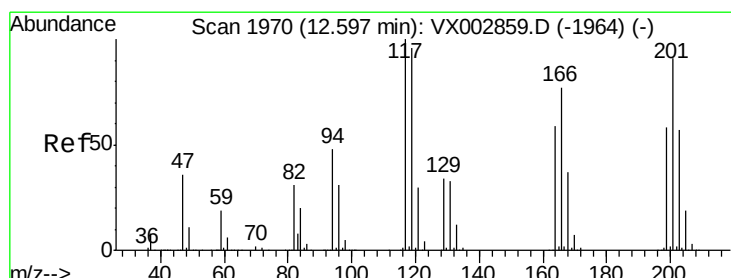
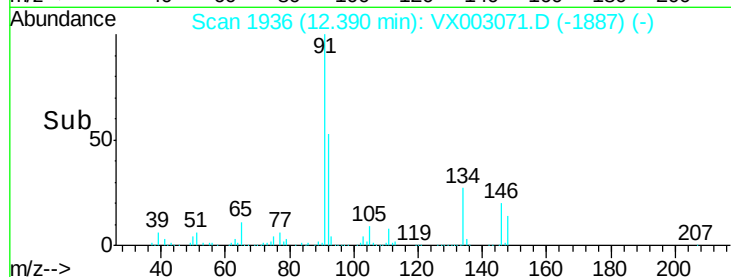
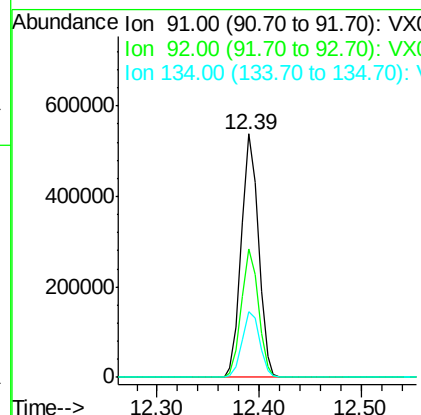
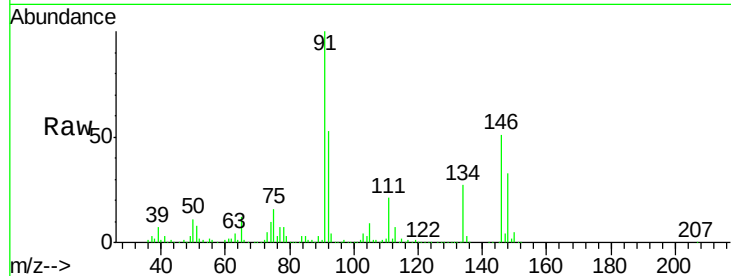
#89
n-Butylbenzene
Concen: 50.74 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	619801		
92	52.4	26.0	78.0	
134	27.7	13.5	40.5	

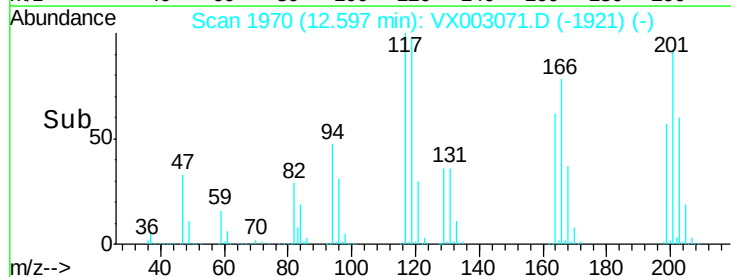
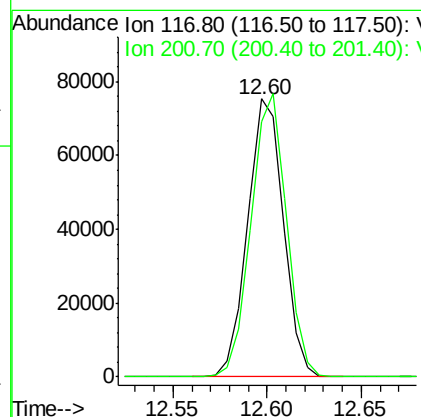
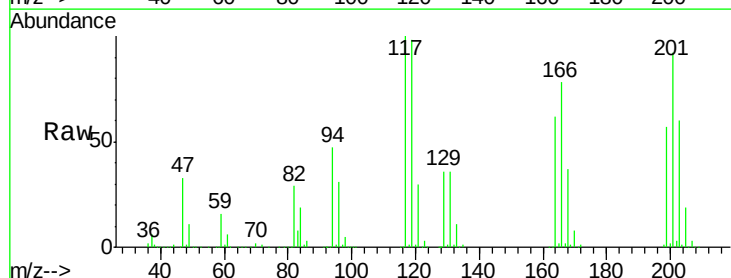
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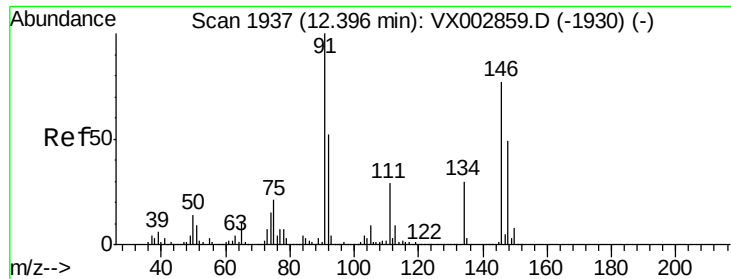
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#90
Hexachloroethane
Concen: 47.57 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99298		
201	100.2	49.0	147.0	





#91

1,2-Dichlorobenzene

Concen: 48.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

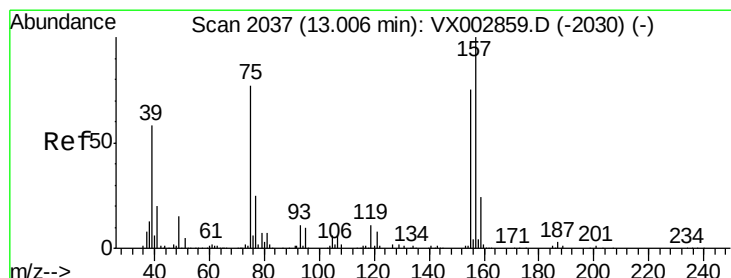
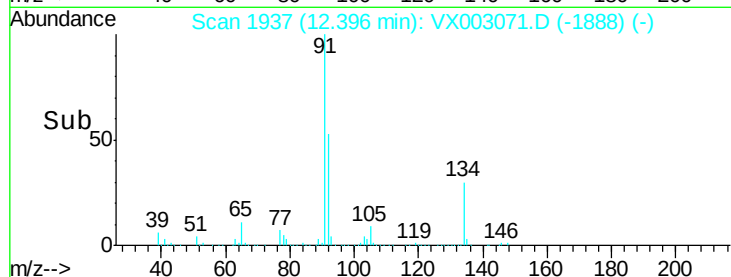
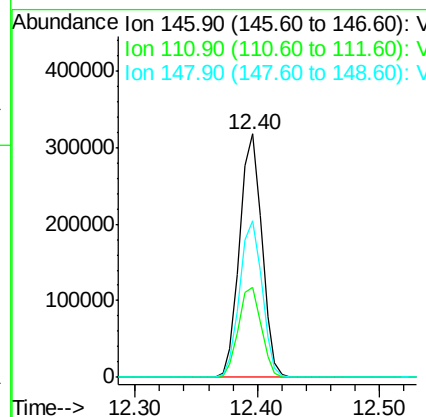
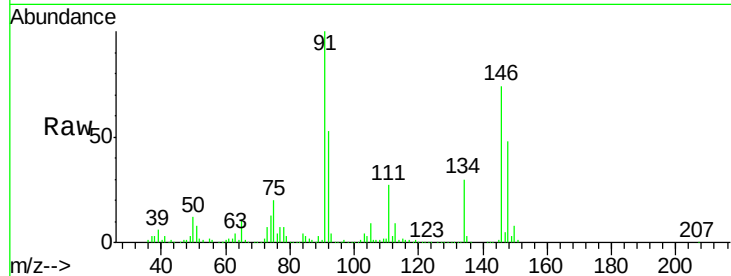
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	397017
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.1
148	64.8	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.28 ug/l

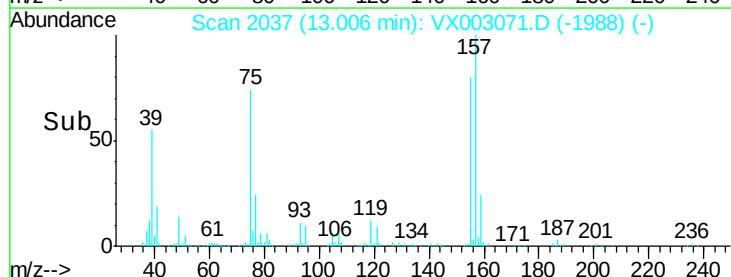
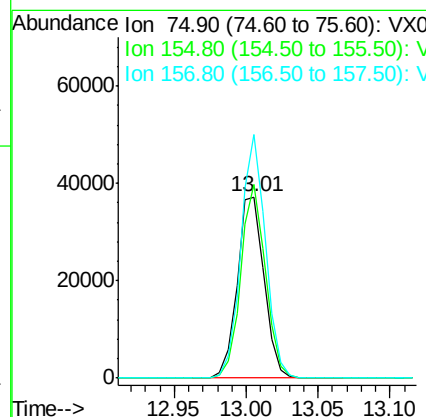
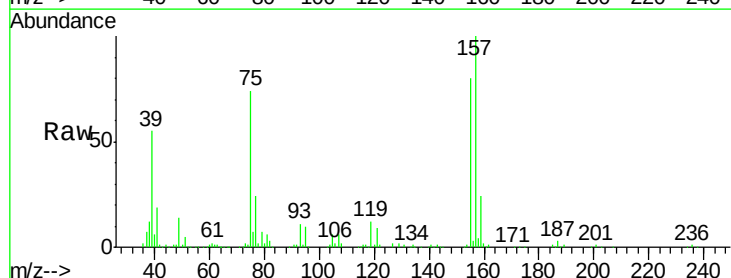
RT: 13.01 min Scan# 2037

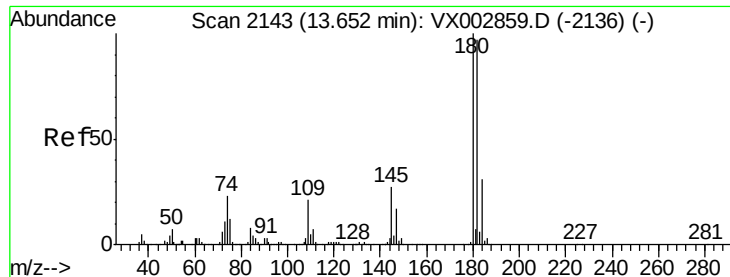
Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	75	Resp:	48606
Ion Ratio	Lower	Upper	
75	100		
155	97.5	45.8	137.4
157	122.3	60.1	180.3





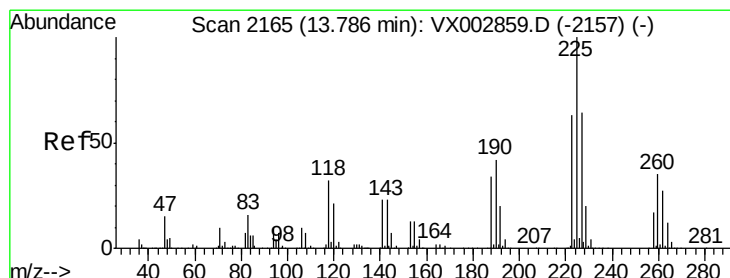
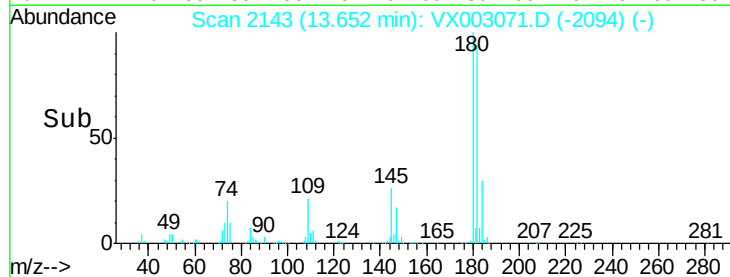
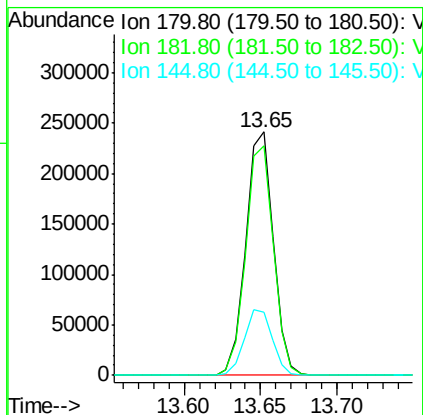
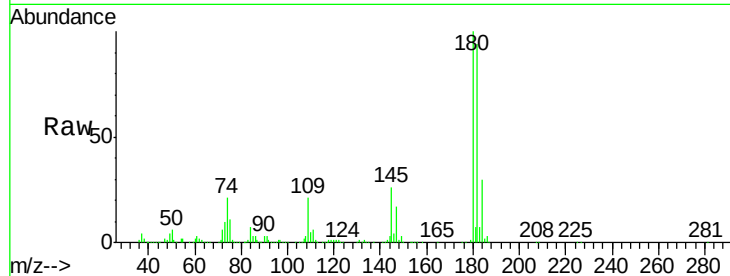
#93
1,2,4-Trichlorobenzene
Concen: 50.73 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	27.6	14.1	42.4

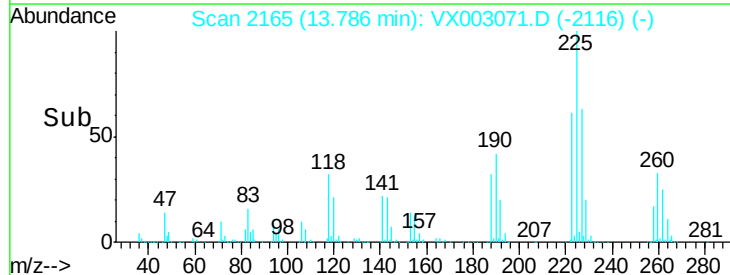
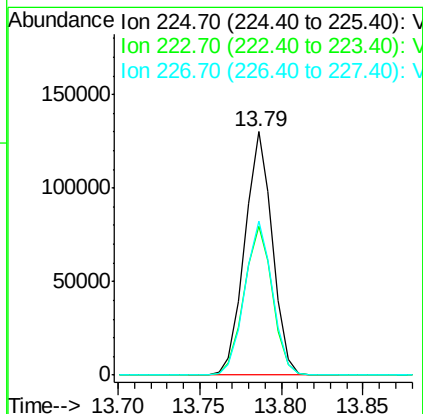
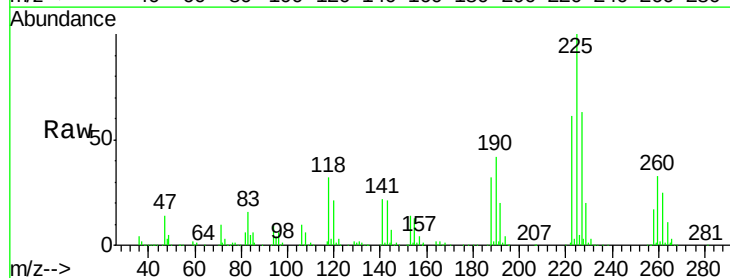
Manual Integrations
APPROVED

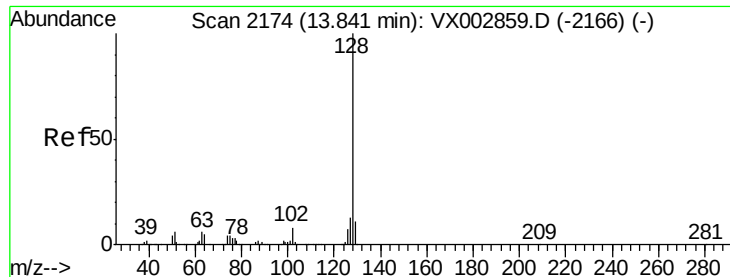
apatel
7/2/2018 4:19:06 PM



#94
Hexachlorobutadiene
Concen: 51.96 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003071.D
Acq: 30 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	95.0
227	63.5	32.4	97.2





#95

Naphthalene

Concen: 50.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Instrument :

MSVOA_X

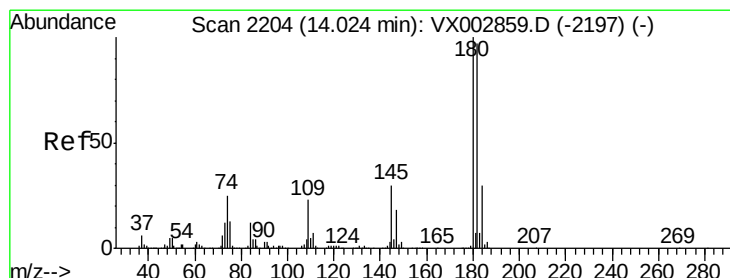
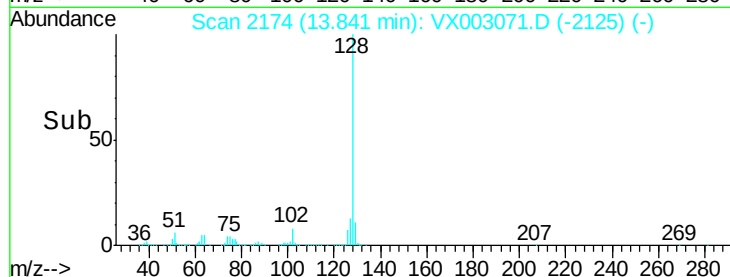
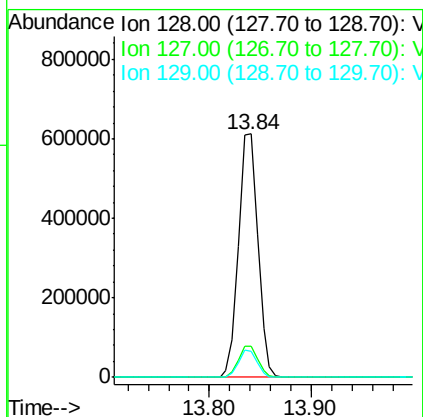
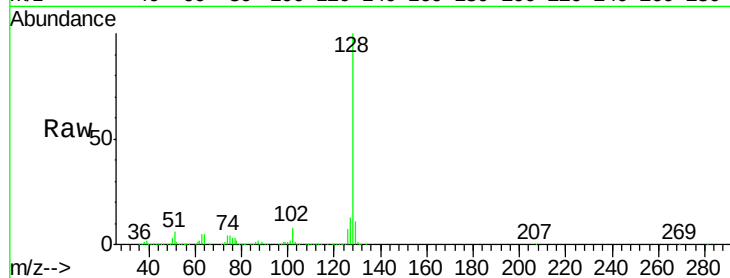
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	797576
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 4:19:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.98 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003071.D

Acq: 30 Jun 2018 10:57

Tgt Ion:	180	Resp:	295696
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.0	144.0
145	29.5	14.8	44.3

