

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000889.D
 Acq On : 15 Apr 2018 11:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 4/16/2018 3:34:56 PM

Quant Time: Apr 16 07:51:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157833	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	134441	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.72	98	501568	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	202170	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	146812	47.23	ug/l	99
3) Chloromethane	1.32	50	125695	47.16	ug/l	100
4) Vinyl Chloride	1.40	62	141882	47.33	ug/l	99
5) Bromomethane	1.64	94	71206	57.59	ug/l	98
6) Chloroethane	1.73	64	85621	47.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	223115	49.33	ug/l	99
8) Diethyl Ether	2.19	74	81379	48.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135569	50.83	ug/l	99
10) Methyl Iodide	2.51	142	82966	41.62	ug/l	99
11) Tert butyl alcohol	3.07	59	129120	209.44	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120102	47.52	ug/l	99
13) Acrolein	2.29	56	30288	101.17	ug/l	100
14) Allyl chloride	2.73	41	219782	47.03	ug/l	100
15) Acrylonitrile	3.15	53	312700	237.91	ug/l	100
16) Acetone	2.45	43	270032	225.51	ug/l	100
17) Carbon Disulfide	2.57	76	313764	41.00	ug/l	99
18) Methyl Acetate	2.78	43	156603	50.54	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	409974	48.70	ug/l	100
20) Methylene Chloride	2.86	84	129896	46.64	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129213	46.36	ug/l	99
22) Diisopropyl ether	3.87	45	420375	48.94	ug/l	99
23) Vinyl Acetate	3.83	43	1778654	235.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	233569	48.46	ug/l	98
25) 2-Butanone	4.71	43	448050	226.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	220636	46.12	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152811	48.31	ug/l	100
28) Bromochloromethane	5.03	49	94785	48.84	ug/l	98
29) Tetrahydrofuran	5.17	42	281552	224.25	ug/l	100
30) Chloroform	5.22	83	251501	49.29	ug/l	98
31) Cyclohexane	5.58	56	217387	47.50	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	230983	47.51	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192737	48.78	ug/l	99
37) Ethyl Acetate	4.87	43	178226	46.21	ug/l	100
38) Carbon Tetrachloride	5.79	117	208651	47.18	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236606	49.87	ug/l	98
40) Benzene	6.15	78	549036	50.01	ug/l	100
41) Methacrylonitrile	5.06	41	106688	47.88	ug/l	99
42) 1,2-Dichloroethane	6.20	62	202340	49.35	ug/l	99
43) Isopropyl Acetate	6.47	43	309467	46.80	ug/l	100
44) Trichloroethene	7.22	130	168271	49.28	ug/l	96
45) 1,2-Dichloropropane	7.52	63	141874	50.75	ug/l	99
46) Dibromomethane	7.67	93	95018	48.75	ug/l	100
47) Bromodichloromethane	7.90	83	191416	48.66	ug/l	99
48) Methyl methacrylate	7.78	41	164347	47.95	ug/l	99
49) 1,4-Dioxane	7.76	88	60892	883.98	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	931064	239.69	ug/l	100
52) Toluene	8.79	92	363403	49.90	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233998	49.59	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	222716	48.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	143392	49.59	ug/l	98
56) Ethyl methacrylate	9.19	69	216797	48.61	ug/l	99
57) 1,3-Dichloropropane	9.38	76	234966	51.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	480782	230.71	ug/l	99
59) 2-Hexanone	9.51	43	715864	238.72	ug/l	100
60) Dibromochloromethane	9.59	129	167790	48.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	151459	49.38	ug/l	99
64) Tetrachloroethene	9.34	164	175068	52.18	ug/l	99
65) Chlorobenzene	10.15	112	432442	50.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	159293	49.03	ug/l	100
67) Ethyl Benzene	10.26	91	721591	50.14	ug/l	100
68) m/p-Xylenes	10.37	106	571463	100.60	ug/l	99
69) o-Xylene	10.71	106	275891	50.39	ug/l	99
70) Styrene	10.72	104	463318	50.19	ug/l	100
71) Bromoform	10.87	173	138302	45.97	ug/l	100
73) Isopropylbenzene	11.02	105	750762	50.31	ug/l	100
74) N-amyl acetate	6.47	43	309467	46.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208092	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	200255m	49.36	ug/l	
77) Bromobenzene	11.26	156	215356	49.24	ug/l	100
78) n-propylbenzene	11.37	91	858483	50.29	ug/l	100
79) 2-Chlorotoluene	11.43	91	502838	49.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	640634	49.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64747	43.90	ug/l	97
82) 4-Chlorotoluene	11.52	91	600449	49.31	ug/l	100
83) tert-Butylbenzene	11.77	119	660557	50.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	659424	49.77	ug/l	100
85) sec-Butylbenzene	11.95	105	784410	50.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	734696	50.86	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	405434	50.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	411009	49.54	ug/l	100
89) n-Butylbenzene	12.40	91	649955	50.98	ug/l	100
90) Hexachloroethane	12.60	117	114113	46.68	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	391830	50.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44693	41.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	340442	51.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	170520	52.00	ug/l	100
95) Naphthalene	13.84	128	842690	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	328685	50.75	ug/l	100

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

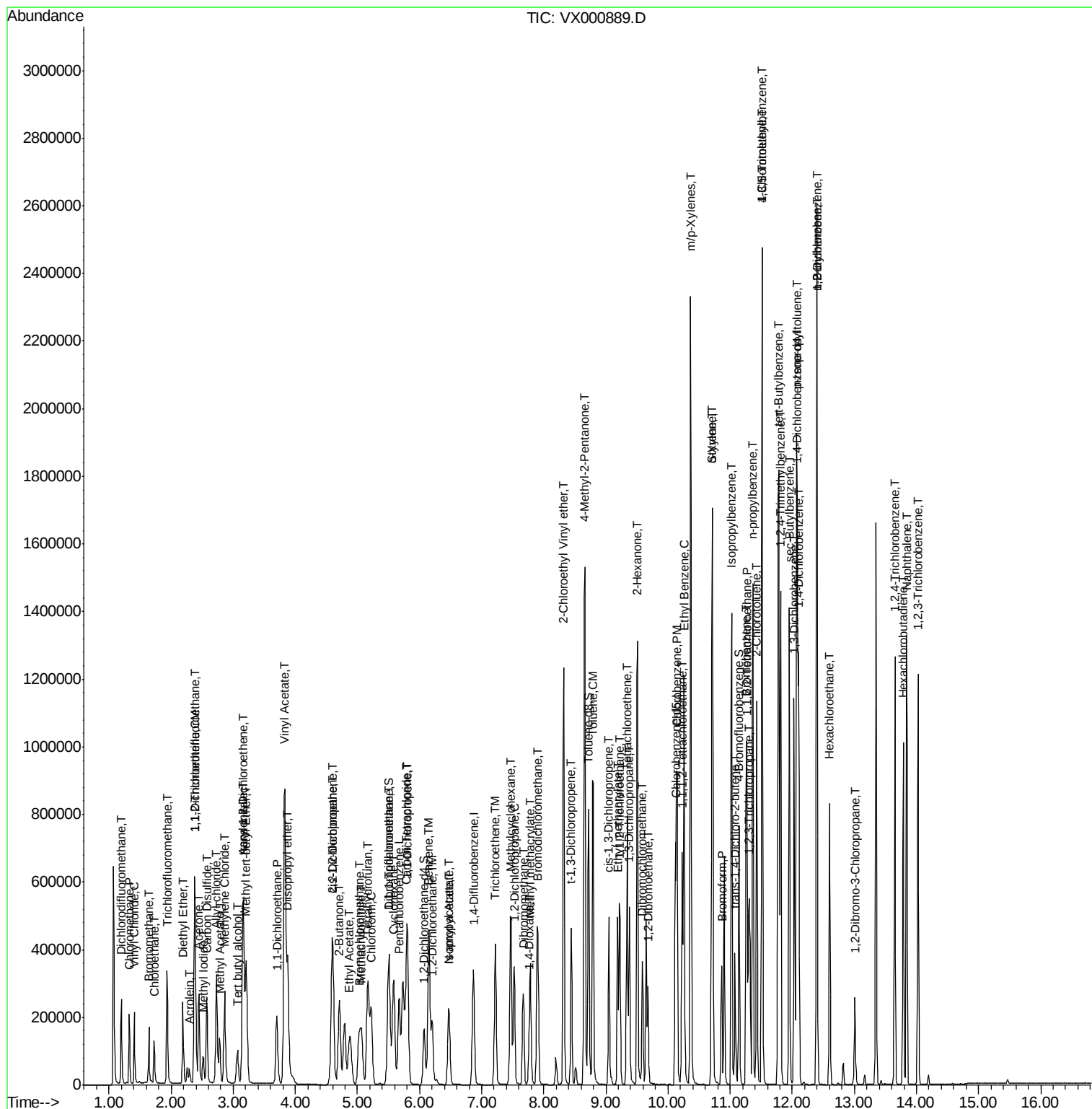
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\  
Data File : VX000889.D  
Acq On    : 15 Apr 2018  11:40  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
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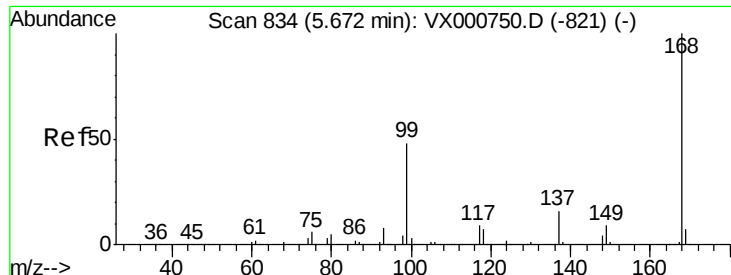
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 275388

Ion Ratio Lower Upper

168 100

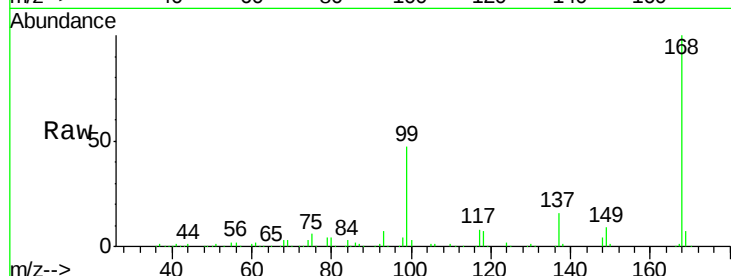
99 46.4 38.3 57.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

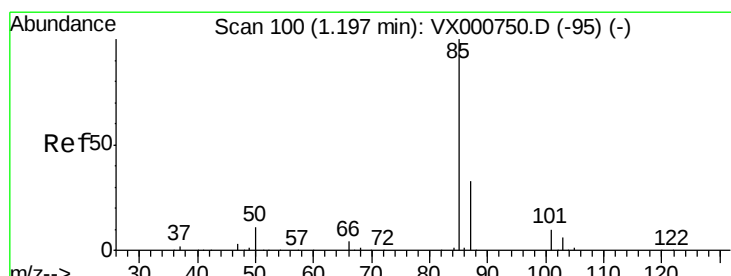
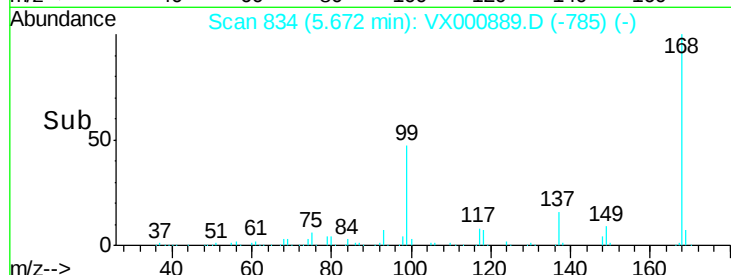
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000889.D

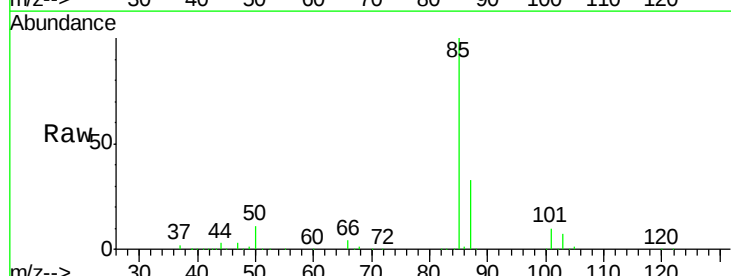
Acq: 15 Apr 2018 11:40

Tgt Ion: 85 Resp: 146812

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

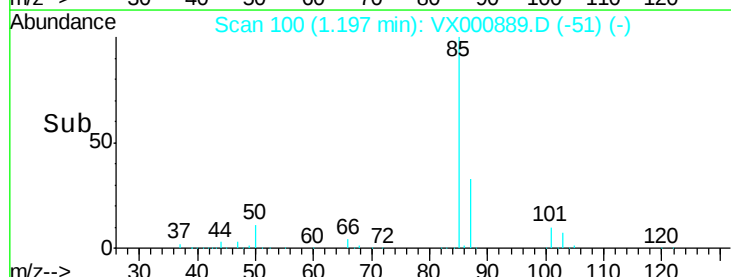
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 47.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 125695

Ion Ratio Lower Upper

50 100

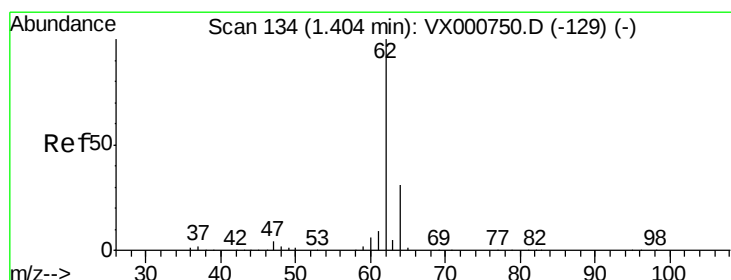
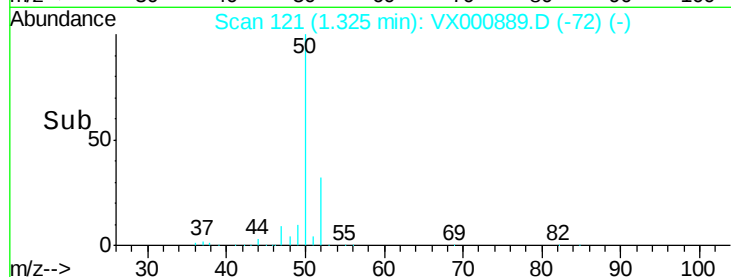
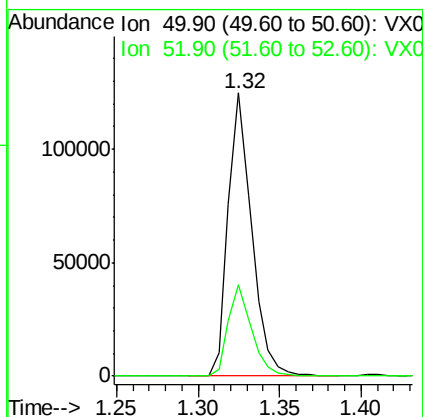
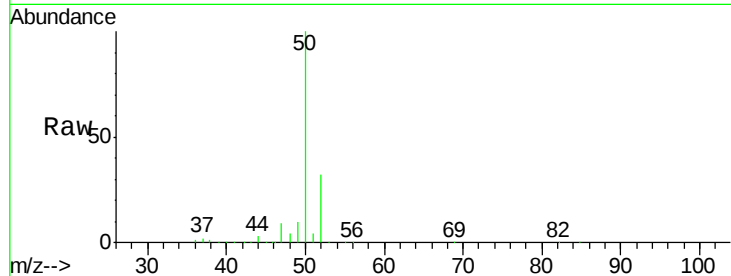
52 32.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000889.D

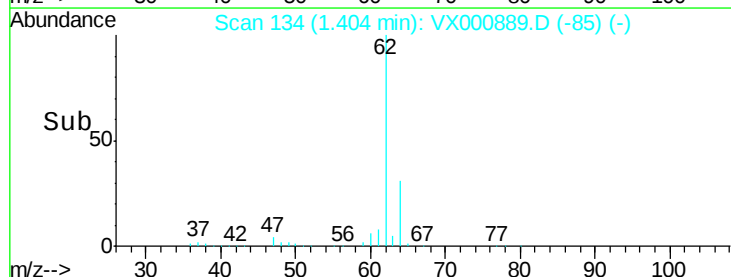
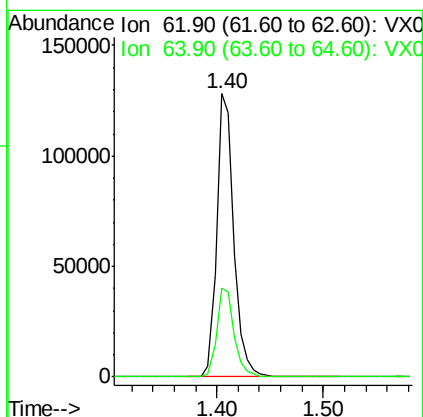
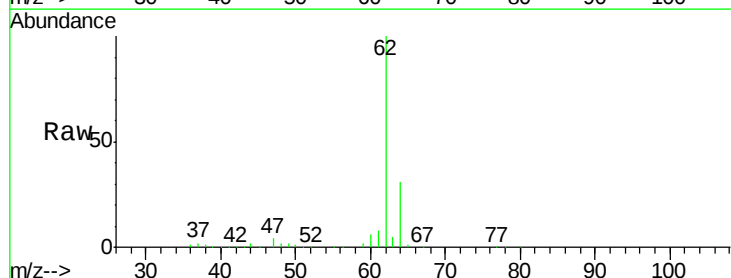
Acq: 15 Apr 2018 11:40

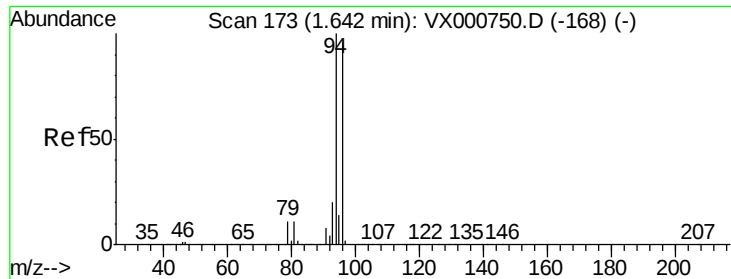
Tgt Ion: 62 Resp: 141882

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 57.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71206

Ion Ratio Lower Upper

94 100

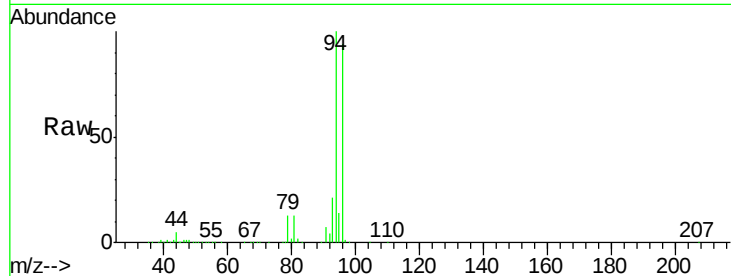
96 94.4 77.0 115.6

Manual Integrations

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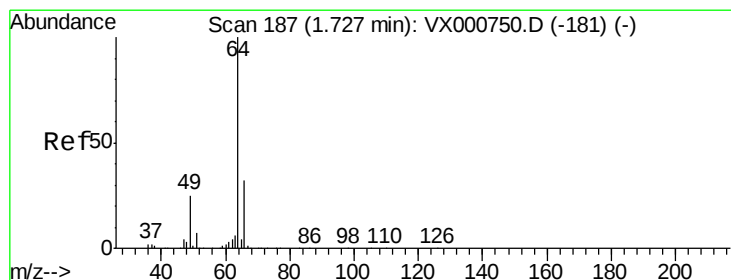
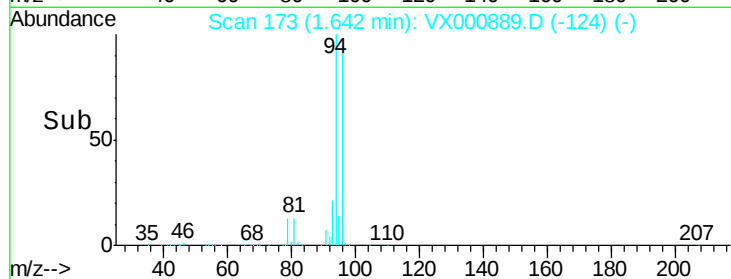
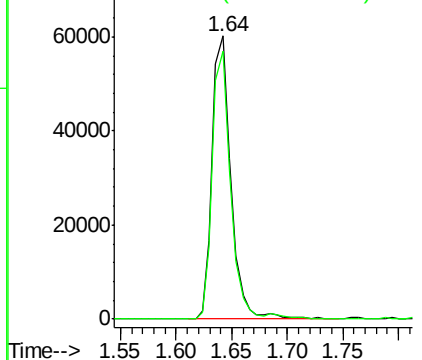
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.12 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000889.D

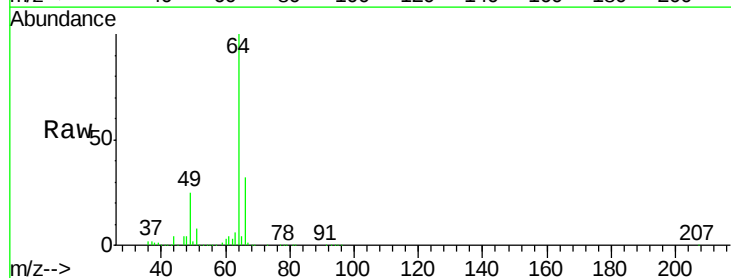
Acq: 15 Apr 2018 11:40

Tgt Ion: 64 Resp: 85621

Ion Ratio Lower Upper

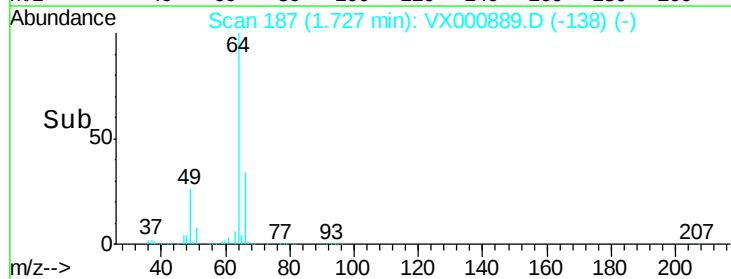
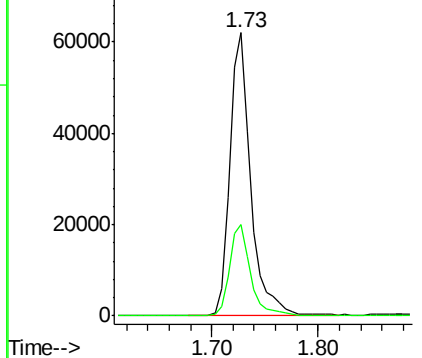
64 100

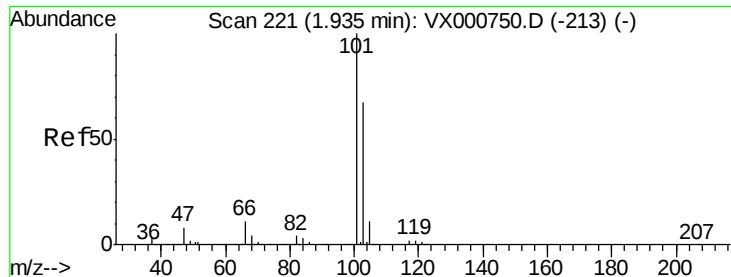
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

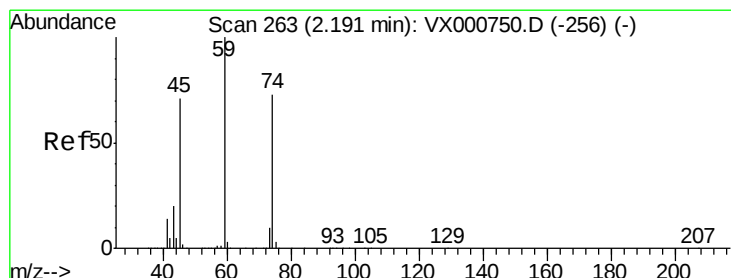
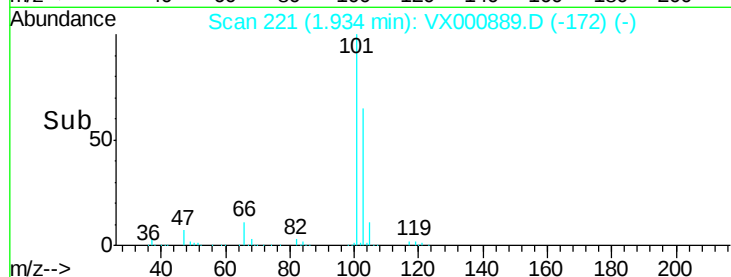
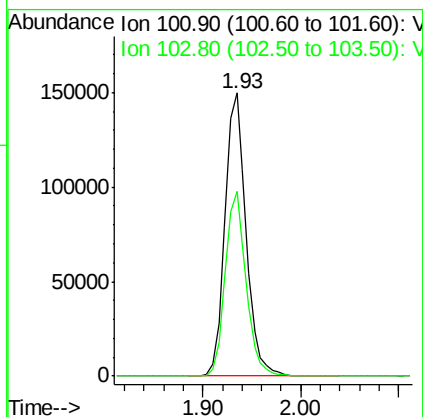
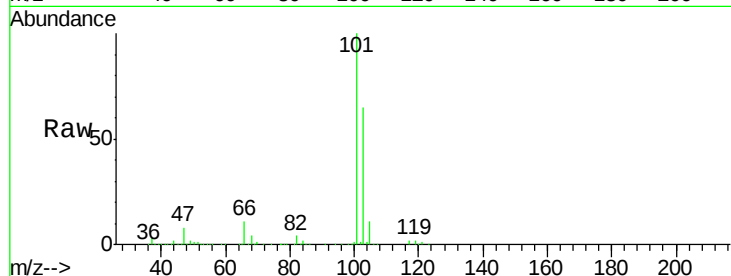
Trichlorofluoromethane
Concen: 49.33 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.2	79.8

Manual Integrations
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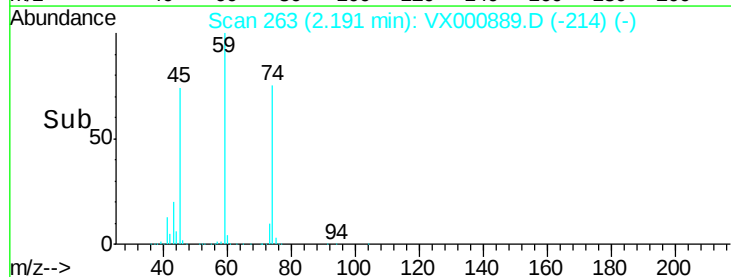
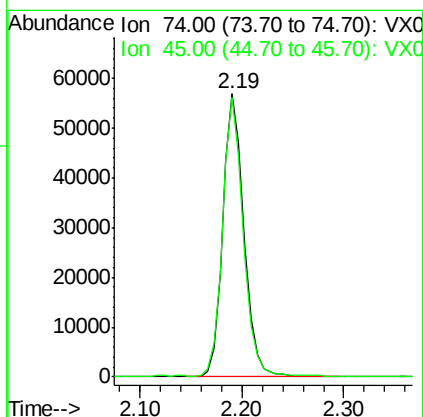
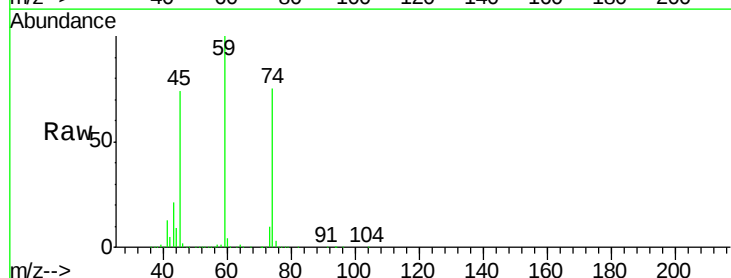
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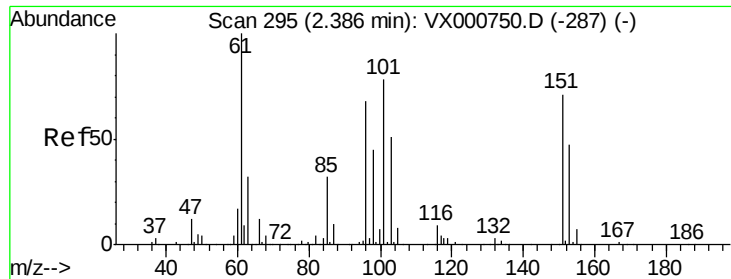


#8

Diethyl Ether
Concen: 48.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

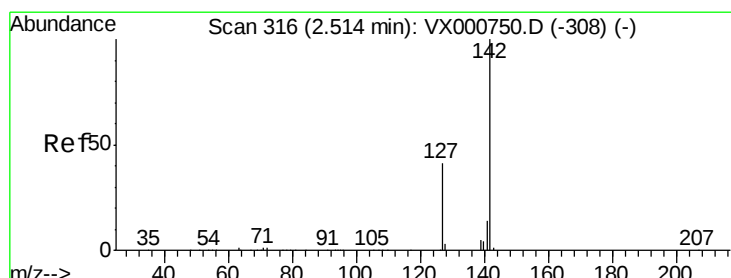
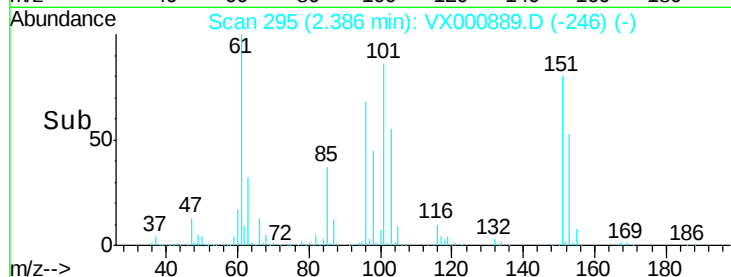
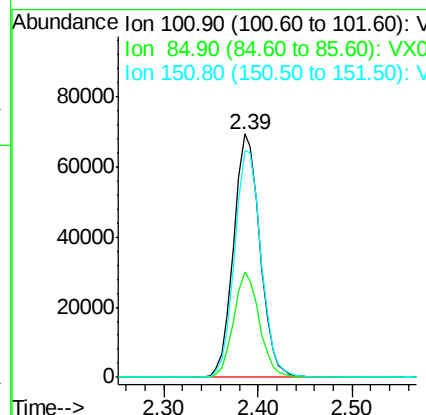
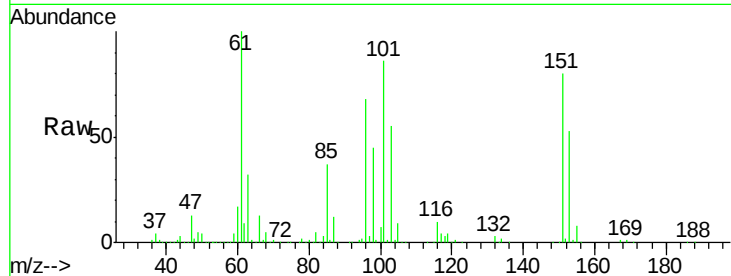
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135569
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.0	51.0
151	93.8	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 41.62 ug/l

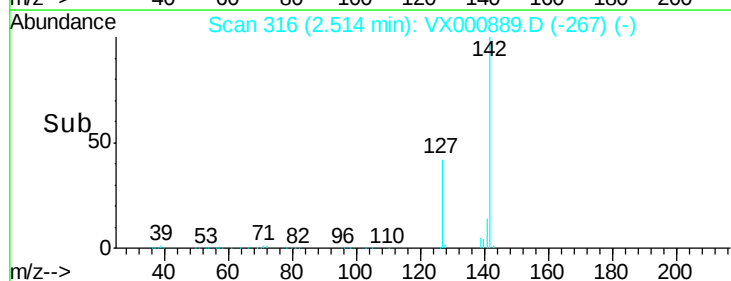
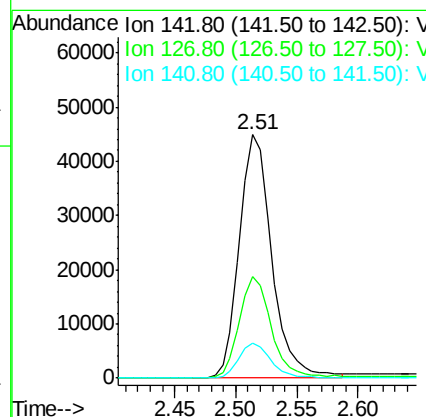
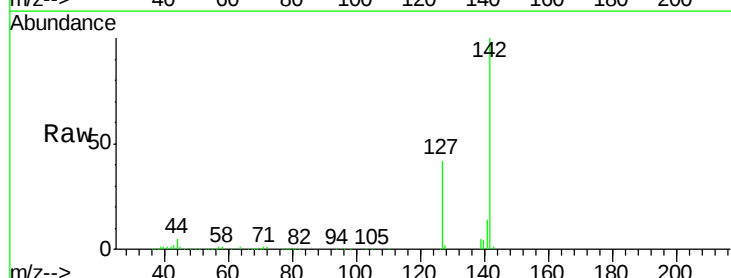
RT: 2.51 min Scan# 316

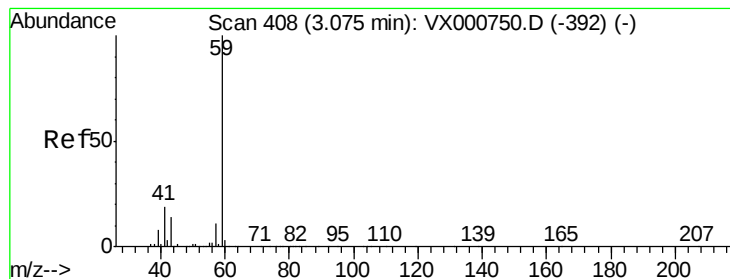
Delta R.T. 0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	142	Resp:	82966
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.6	49.0
141	14.2	11.5	17.3





#11

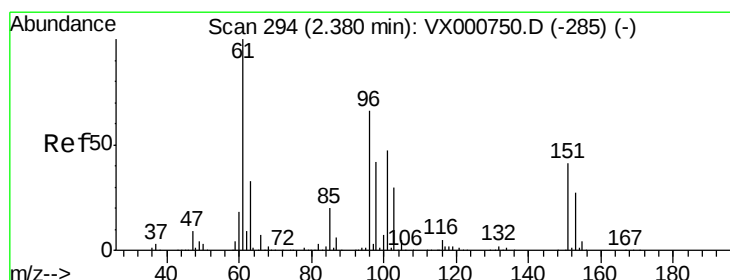
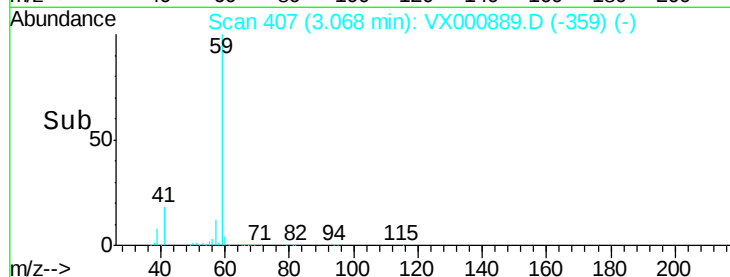
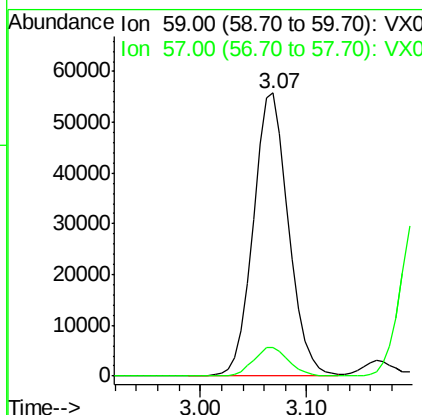
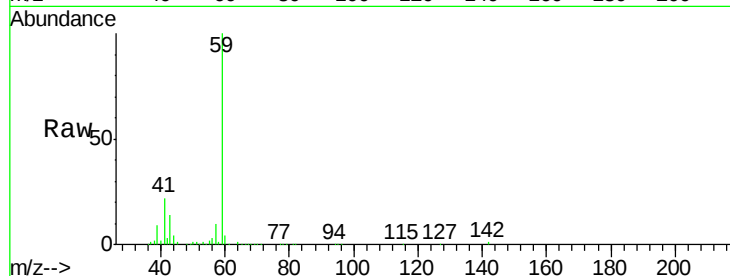
Tert butyl alcohol
Concen: 209.44 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	129120
Ion Ratio	100	Lower	Upper
57	10.3	8.4	12.6

Manual Integrations
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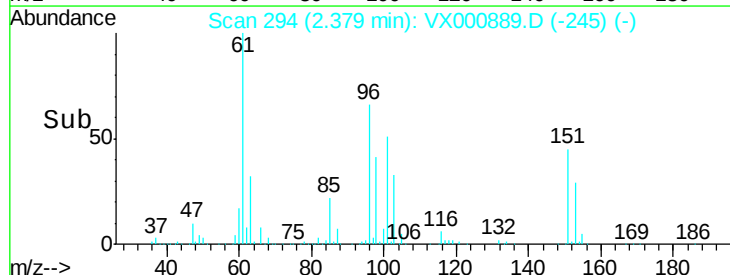
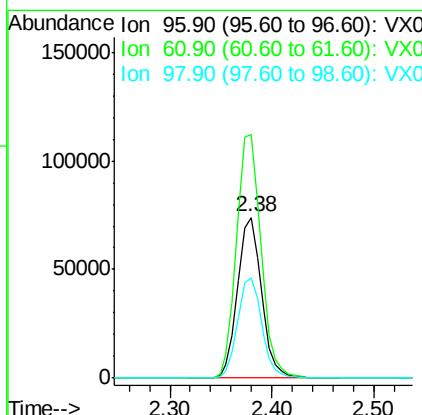
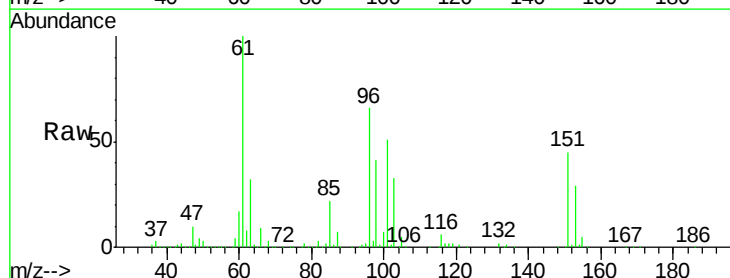
apatel
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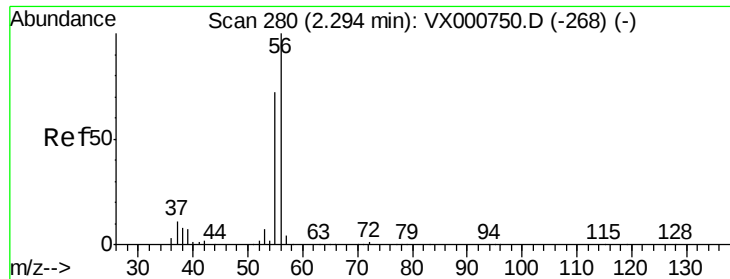


#12

1,1-Dichloroethene
Concen: 47.52 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	96	Resp	120102
Ion Ratio	100	Lower	Upper
61	151.2	120.5	180.7
98	62.1	50.9	76.3





#13

Acrolein

Concen: 101.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 30288

Ion Ratio Lower Upper

56 100

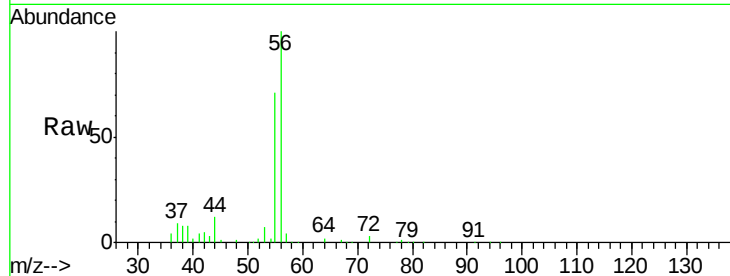
55 73.3 58.7 88.1

Manual Integrations

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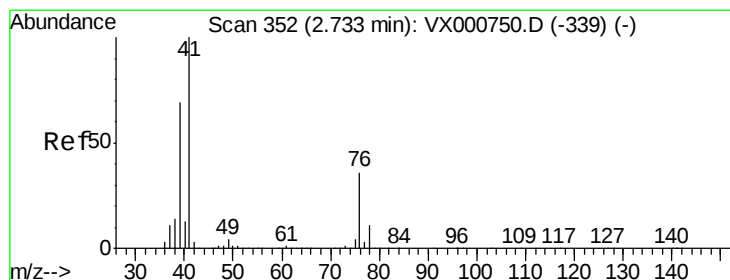
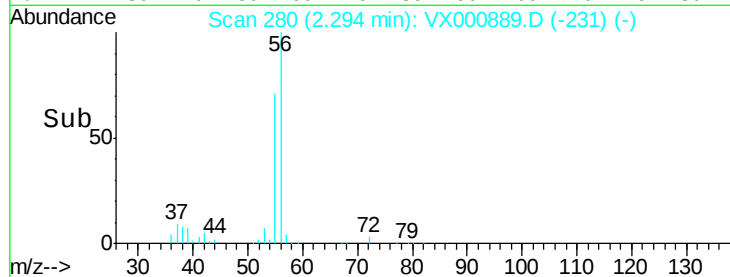
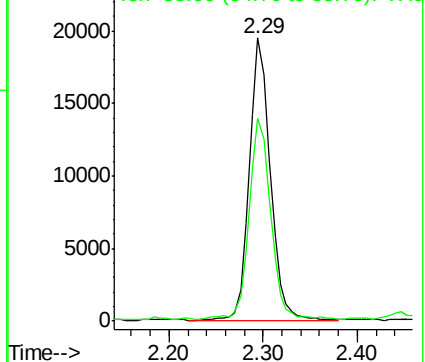
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.03 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

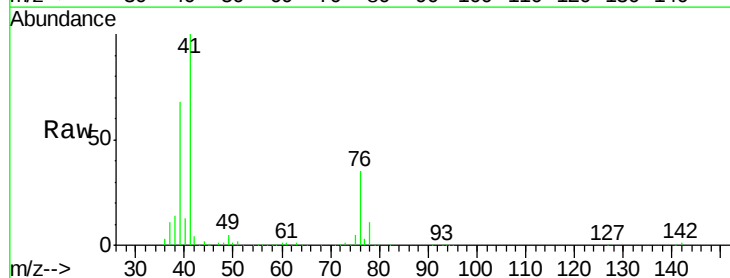
Tgt Ion: 41 Resp: 219782

Ion Ratio Lower Upper

41 100

39 64.2 51.5 77.3

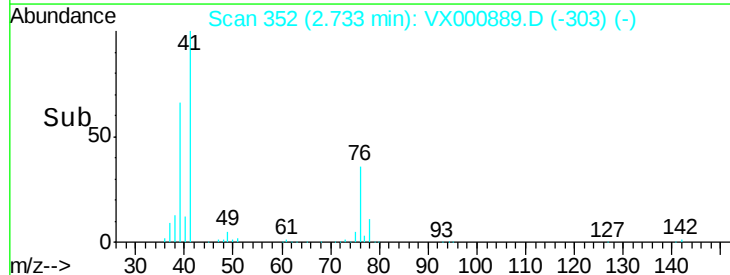
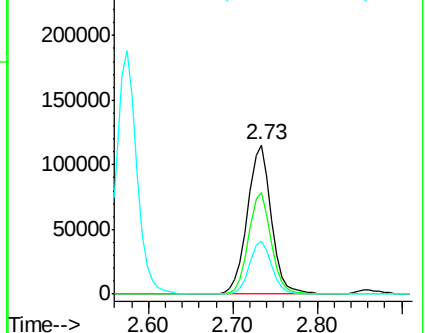
76 32.9 26.5 39.7

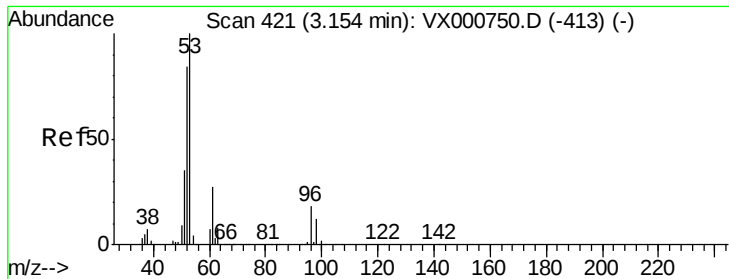


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 237.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

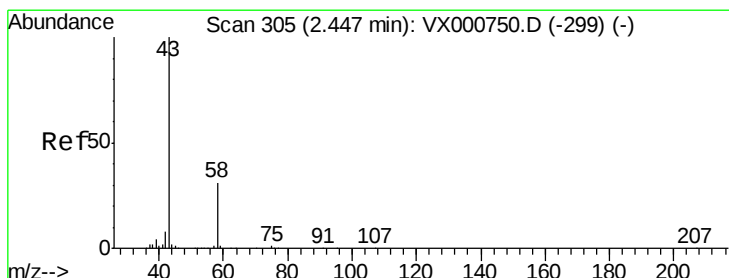
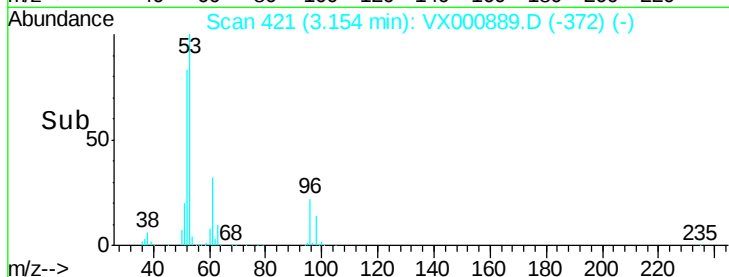
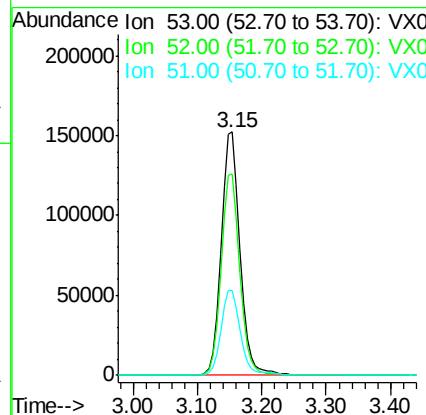
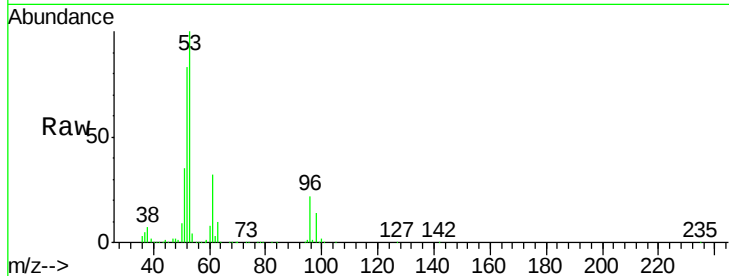
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	312700
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.5	99.7
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 225.51 ug/l

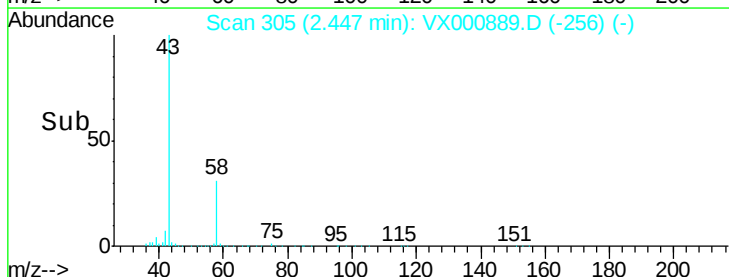
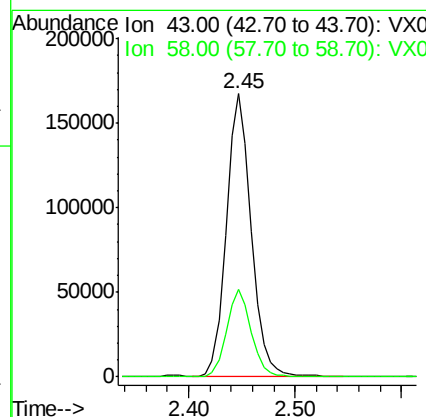
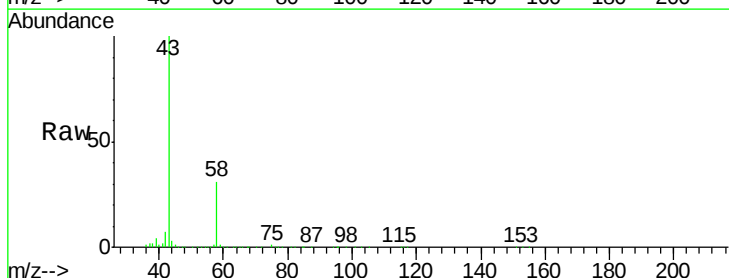
RT: 2.45 min Scan# 305

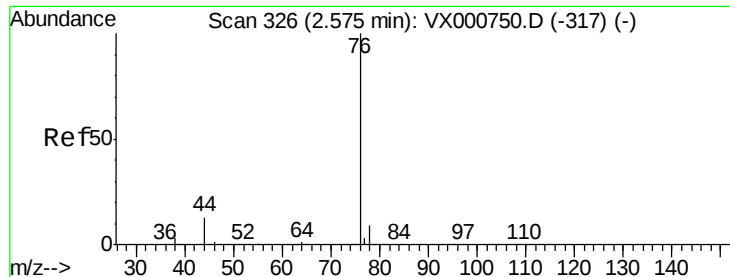
Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	43	Resp:	270032
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.6	37.0





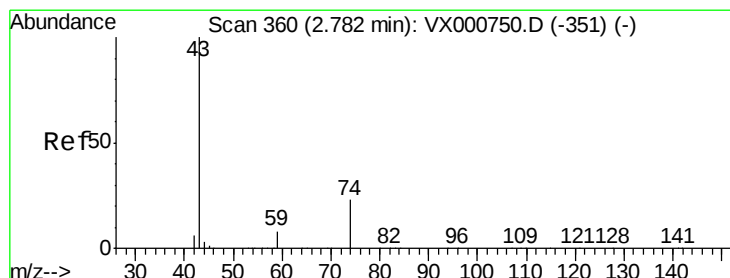
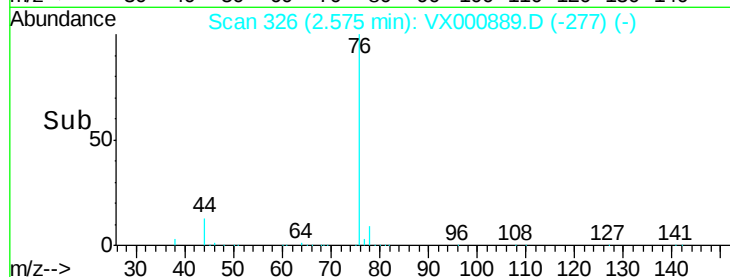
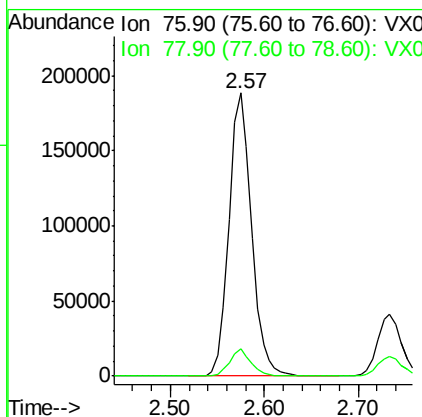
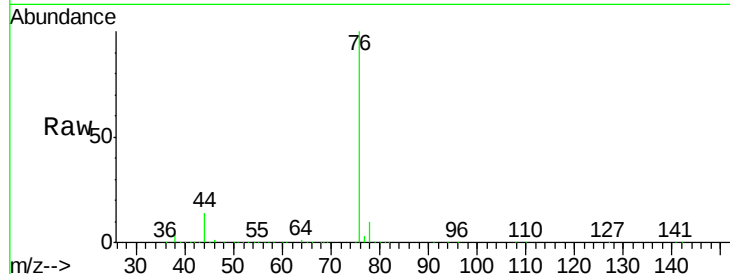
#17
Carbon Disulfide
Concen: 41.00 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

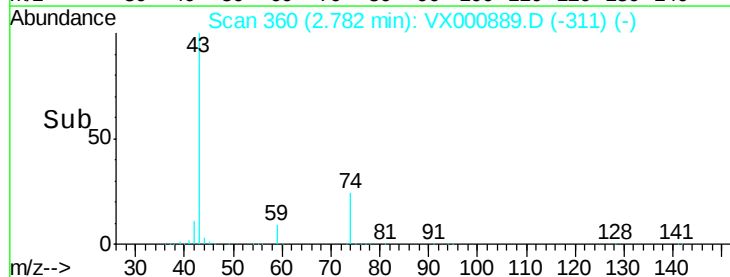
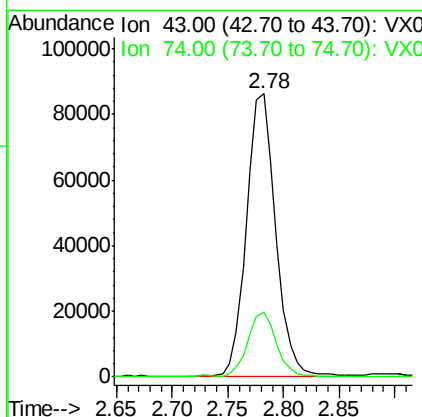
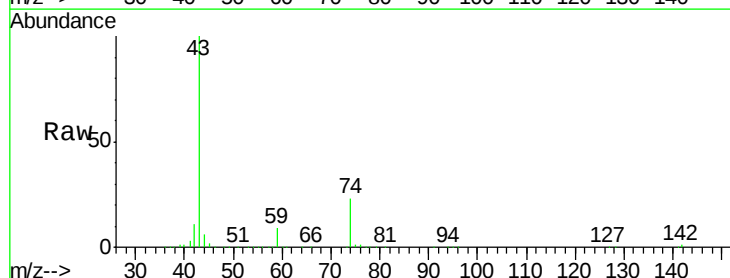
Manual Integrations
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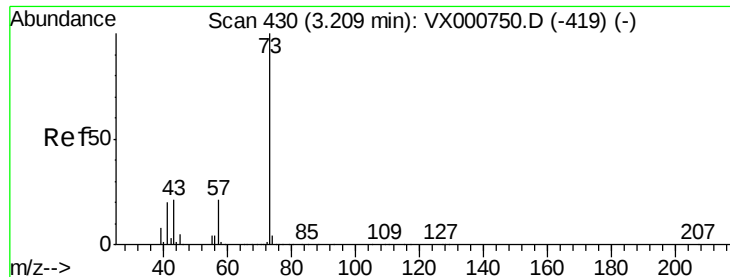
apatel
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#18
Methyl Acetate
Concen: 50.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.1	28.7





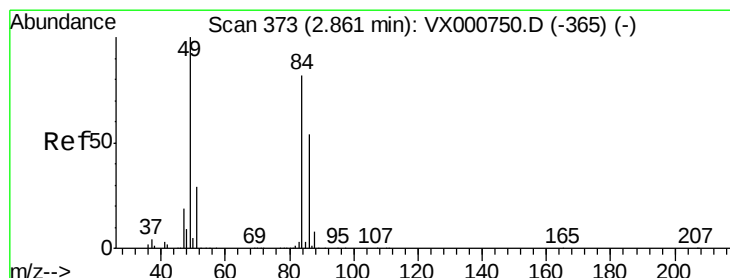
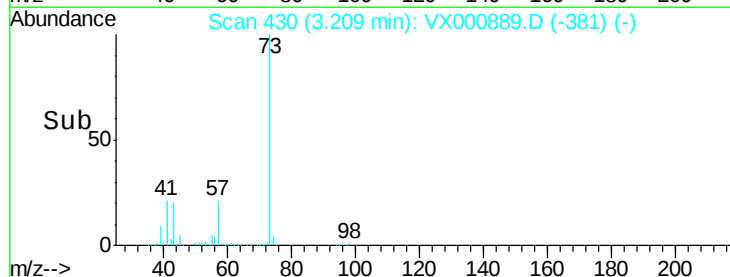
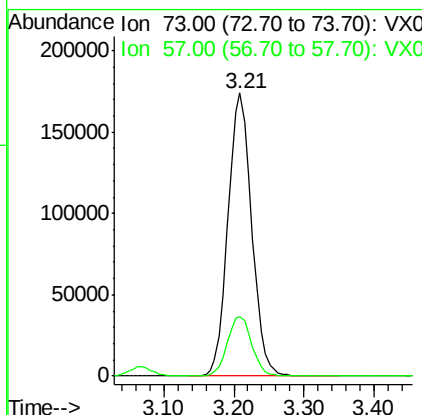
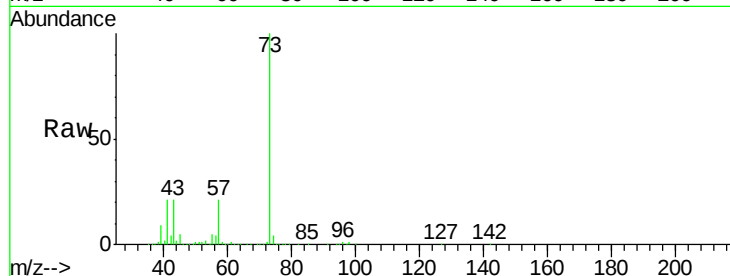
#19
Methyl tert-butyl Ether
Concen: 48.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

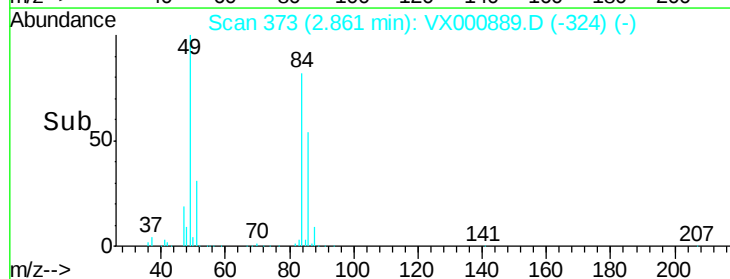
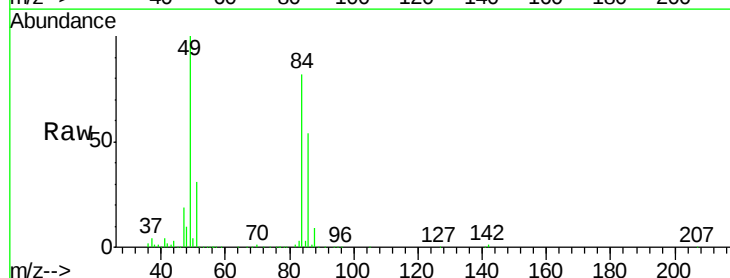
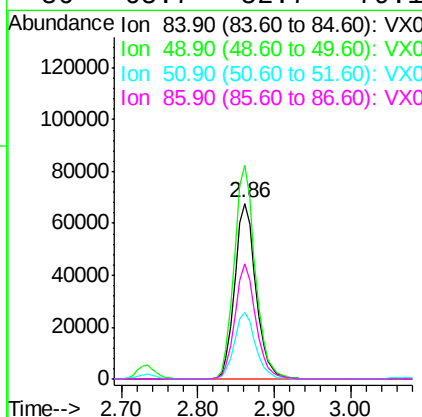
Manual Integrations
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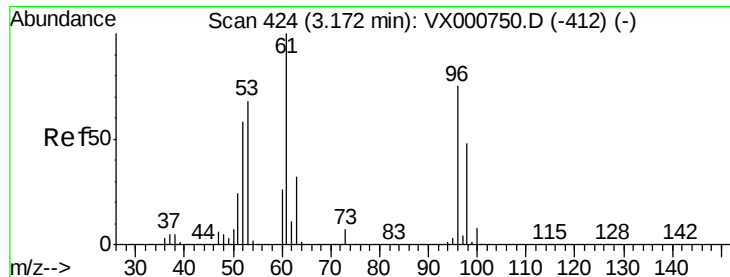
apatel
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#20
Methylene Chloride
Concen: 46.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	98.1	147.1
51	37.5	28.9	43.3
86	65.7	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 46.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

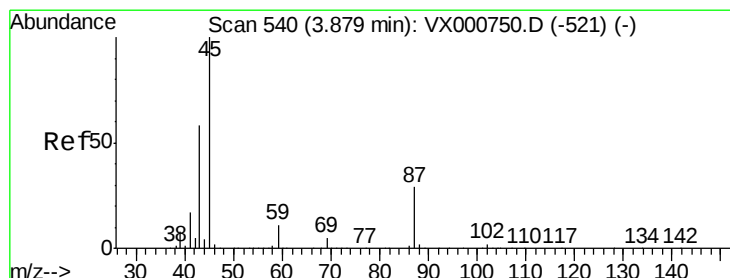
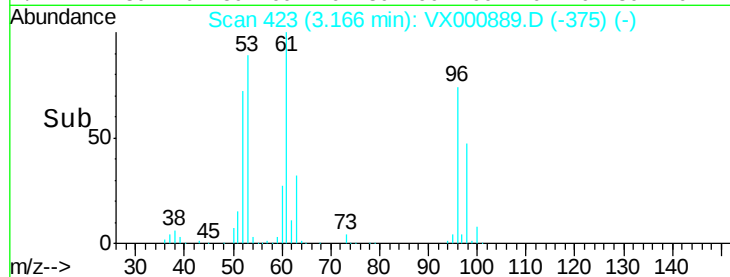
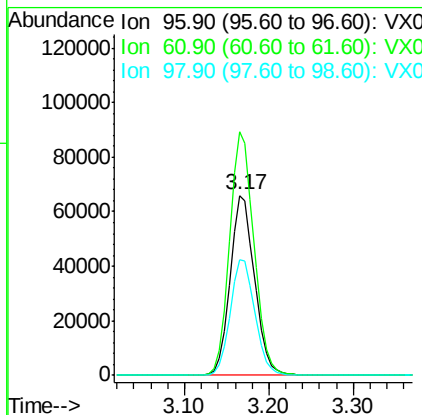
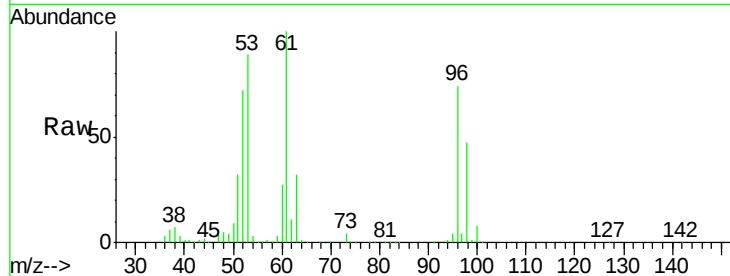
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	129213
Ion	Ratio	Lower	Upper
96	100		
61	135.2	106.2	159.2
98	64.0	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.94 ug/l

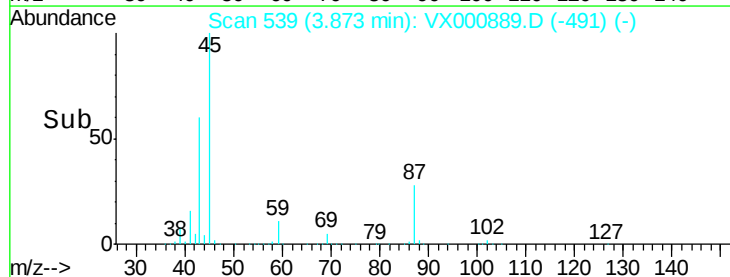
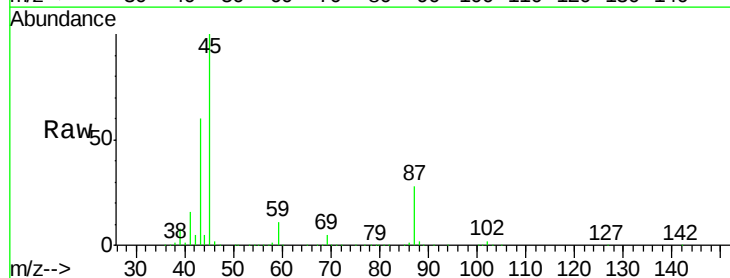
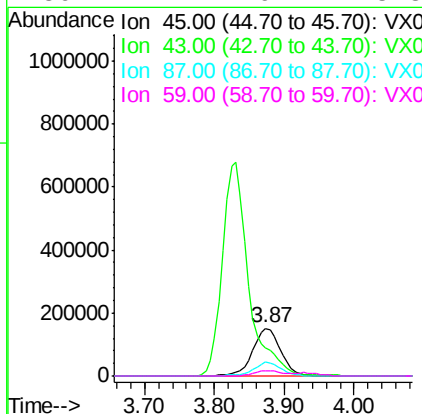
RT: 3.87 min Scan# 539

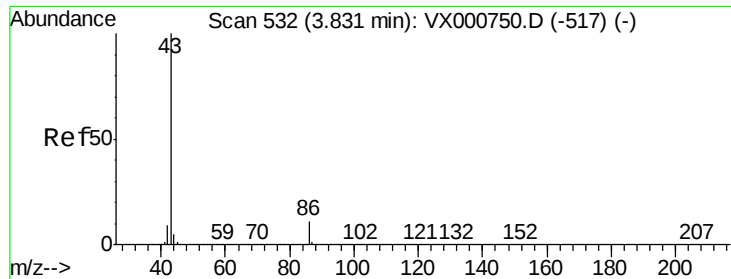
Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	45	Resp:	420375
Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.6	69.8
87	28.5	22.9	34.3
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 235.86 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1778654

Ion Ratio Lower Upper

43 100

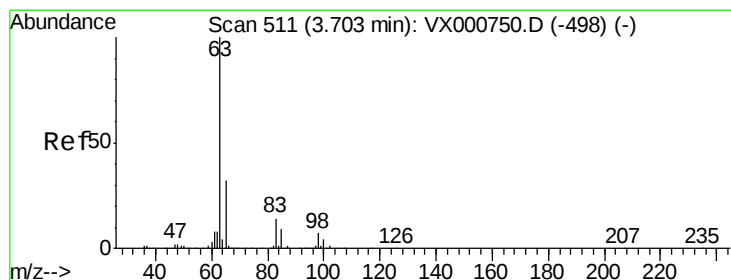
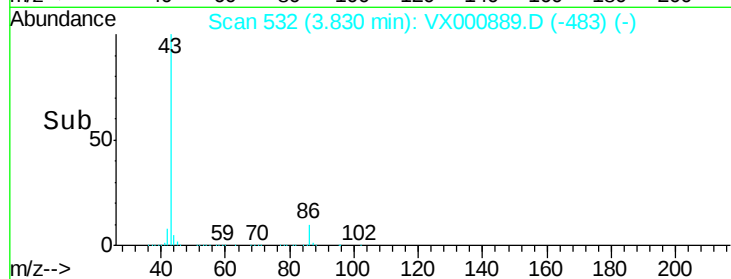
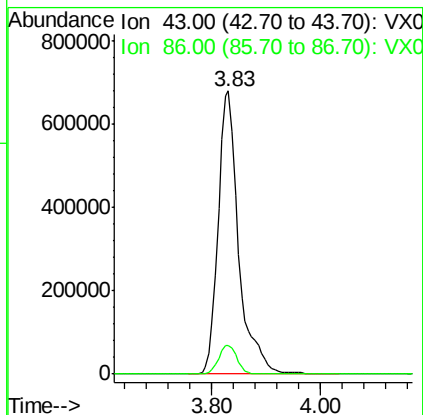
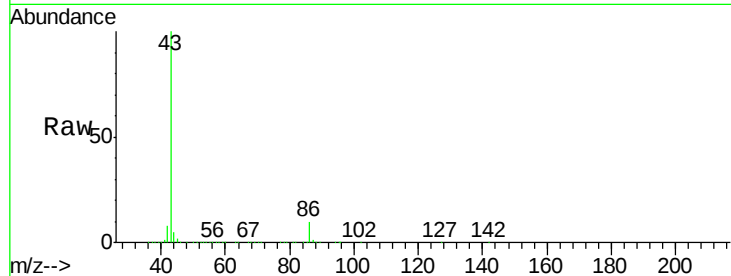
86 10.2 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

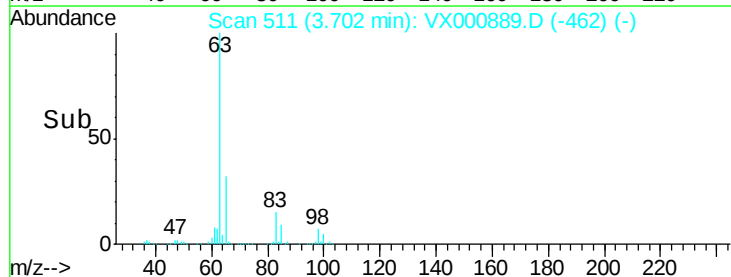
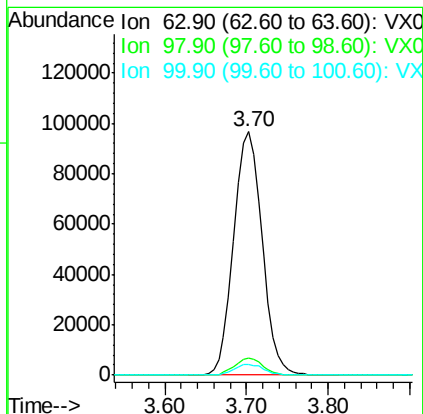
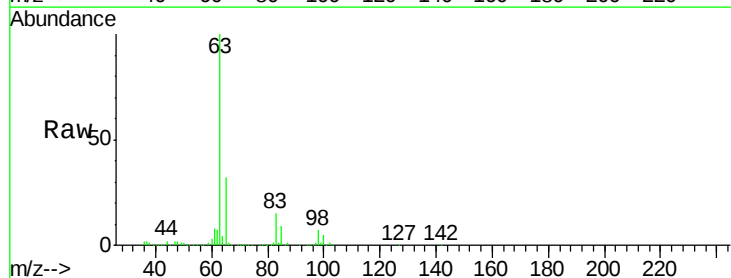
Tgt Ion: 63 Resp: 233569

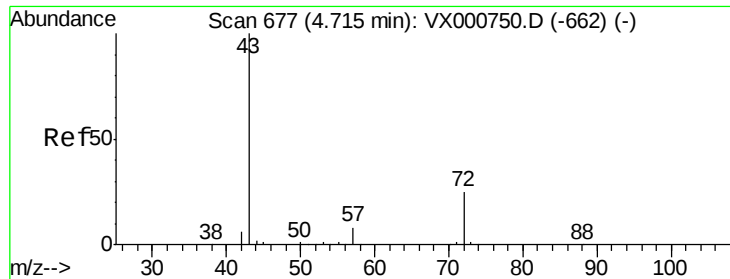
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 226.59 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 448050

Ion Ratio Lower Upper

43 100

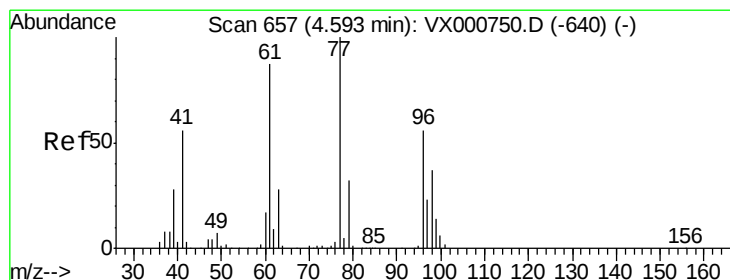
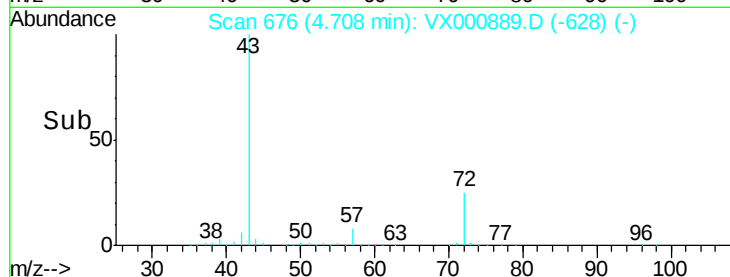
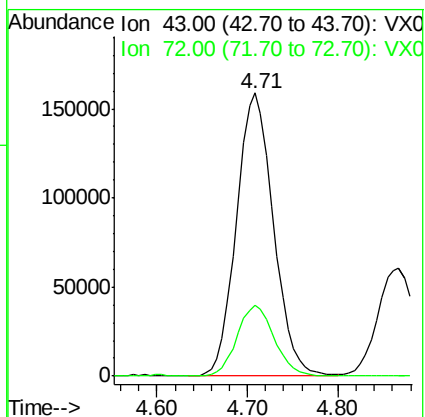
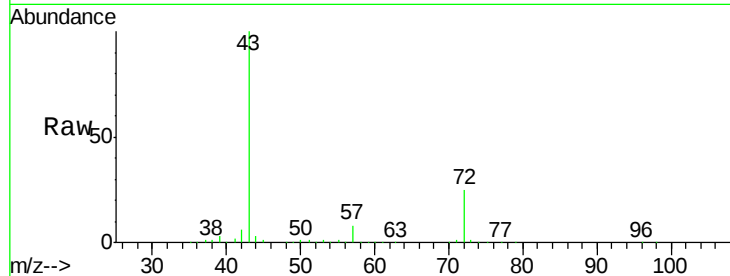
72 25.1 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 46.12 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000889.D

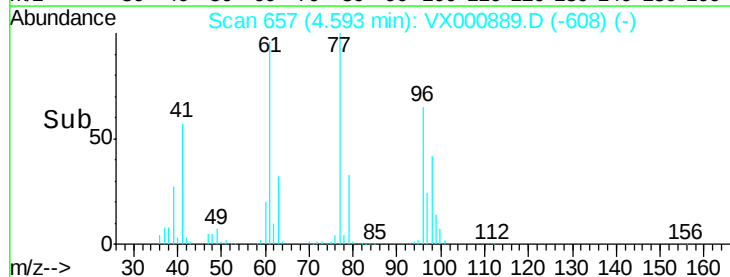
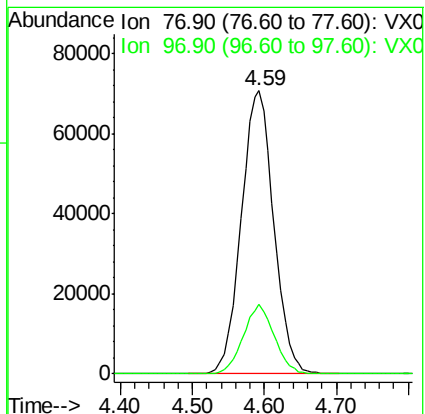
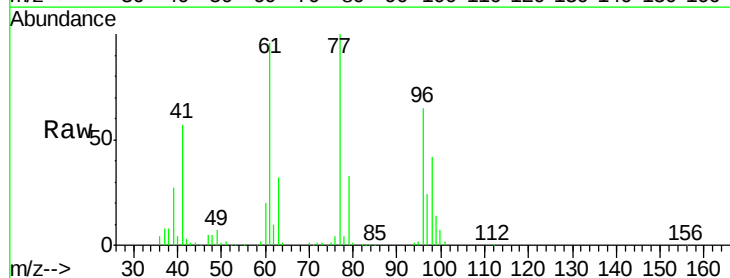
Acq: 15 Apr 2018 11:40

Tgt Ion: 77 Resp: 220636

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

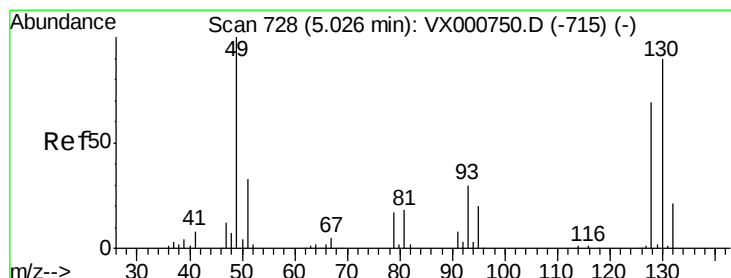
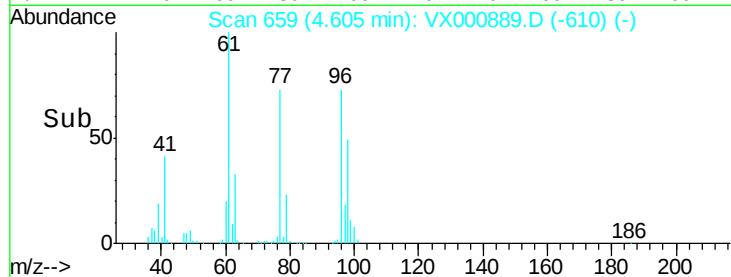
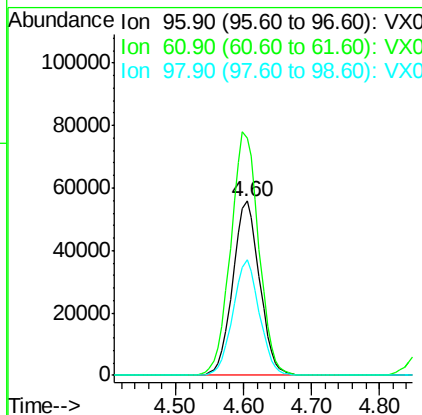
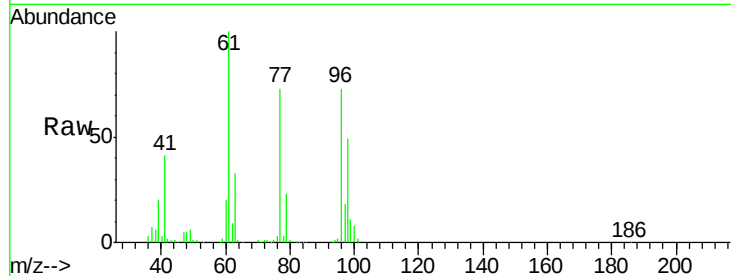
cis-1,2-Dichloroethene
Concen: 48.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	292.4
98	65.6	0.0	130.2

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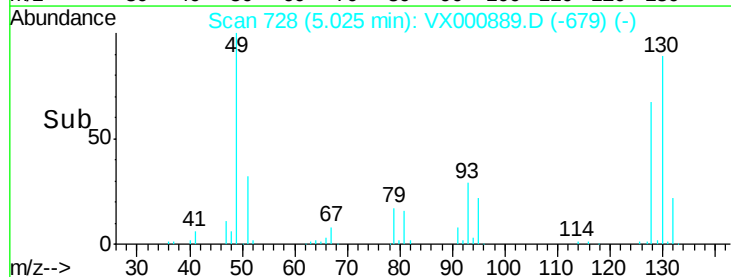
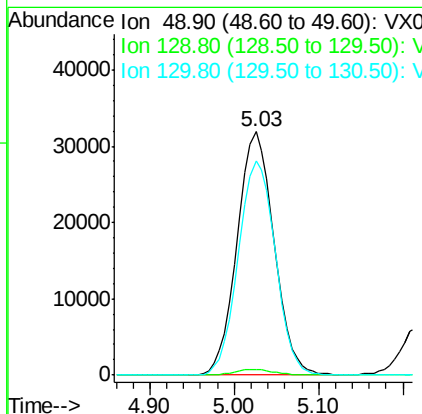
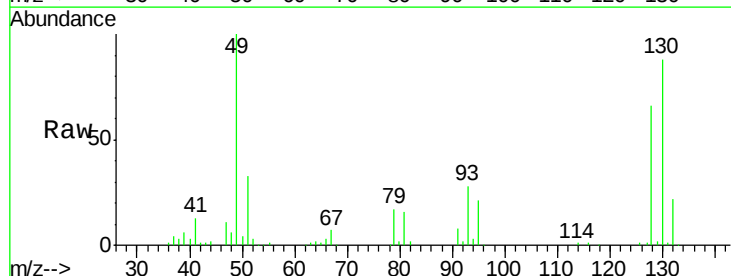
apatel
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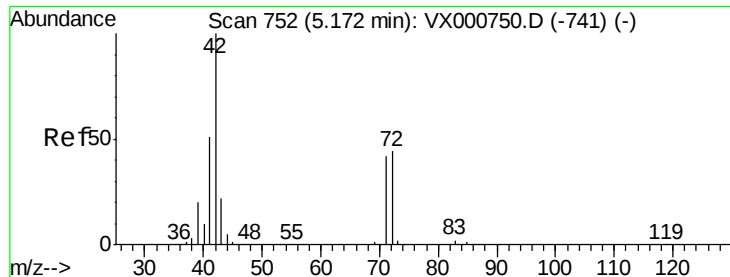


#28

Bromochloromethane
Concen: 48.84 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	88.6	72.6	109.0





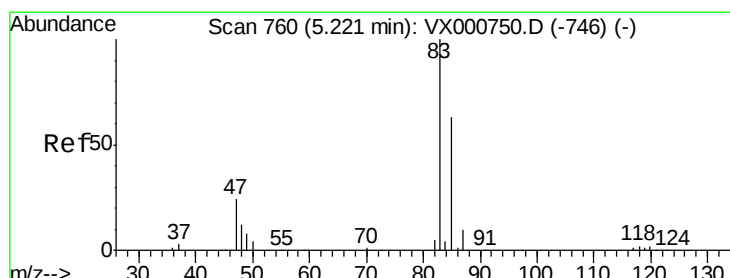
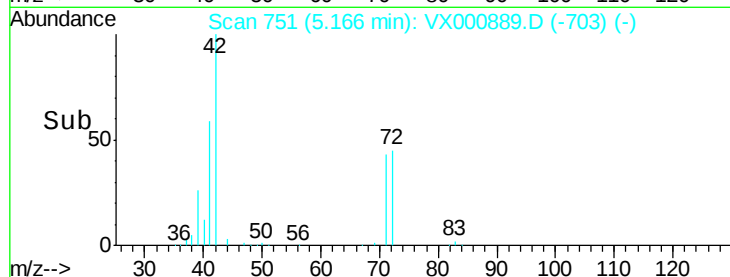
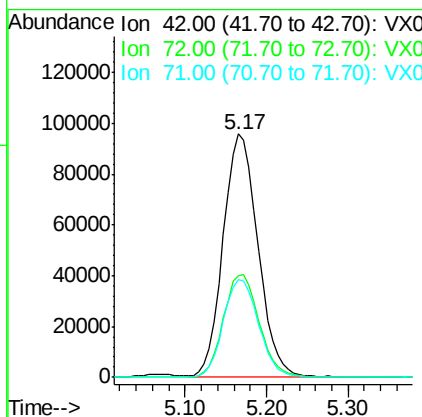
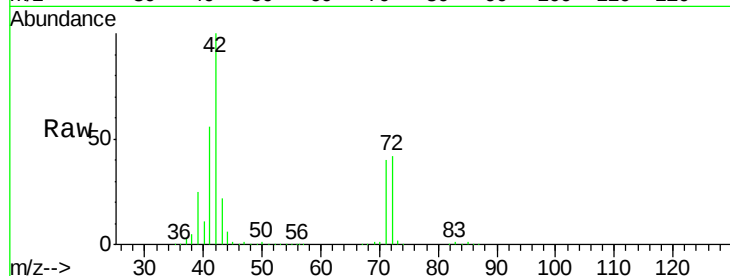
#29
Tetrahydrofuran
Concen: 224.25 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	41.2	32.8	49.2

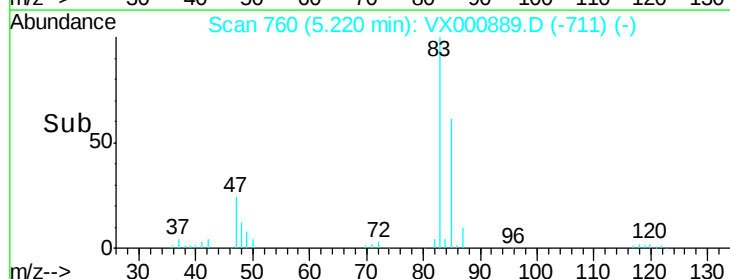
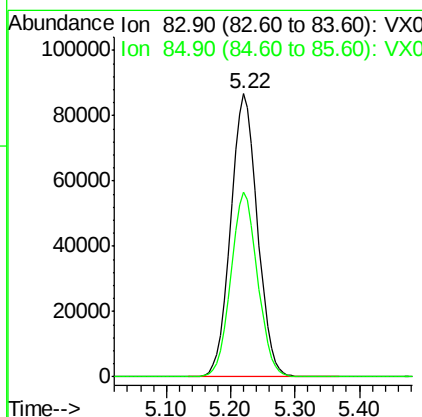
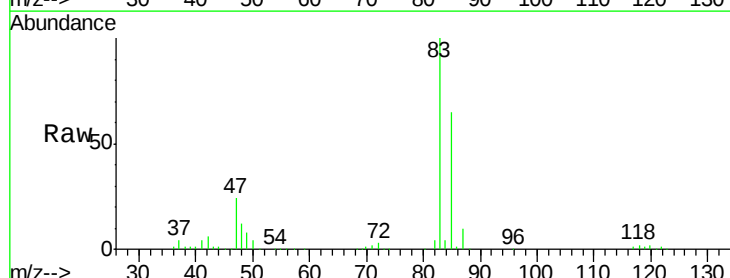
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APPROVED

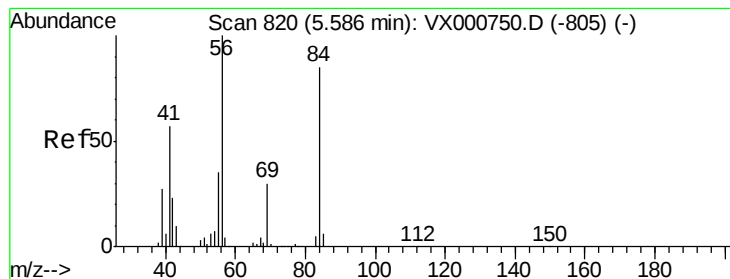
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#30
Chloroform
Concen: 49.29 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





#31

Cyclohexane

Concen: 47.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

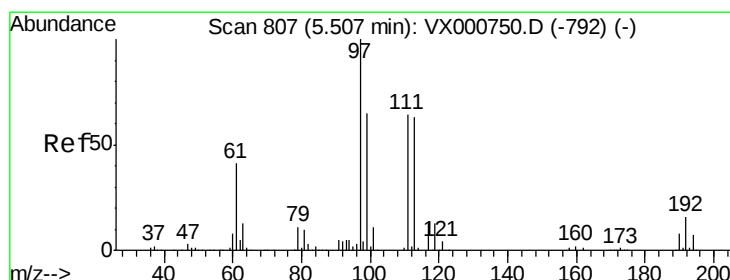
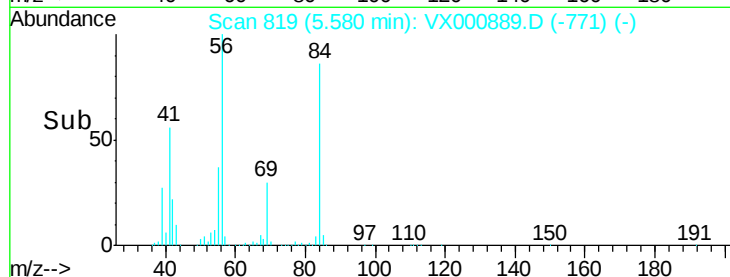
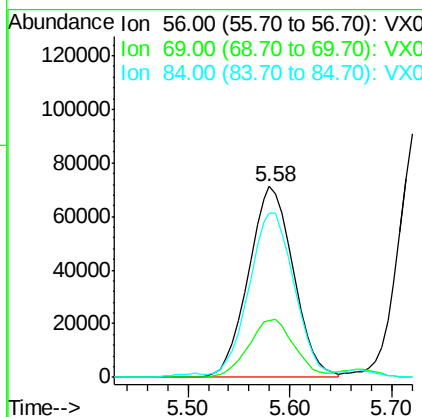
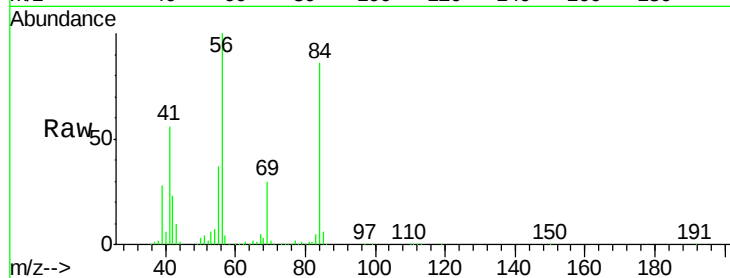
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	217387
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.2	36.4
84	84.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.51 ug/l

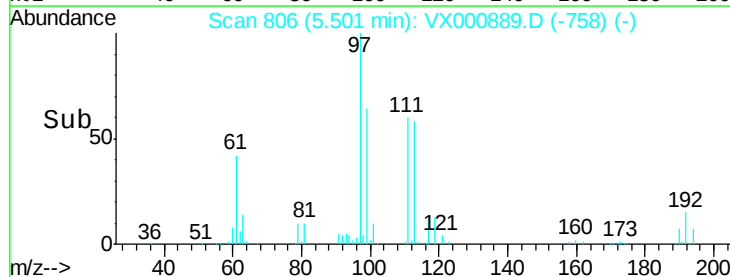
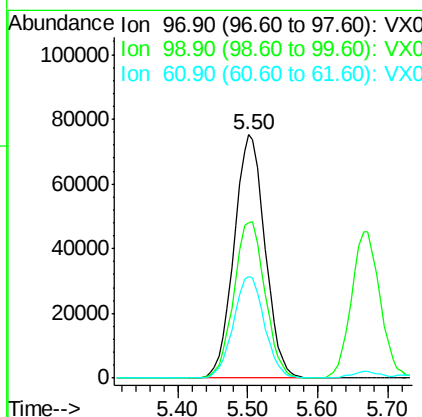
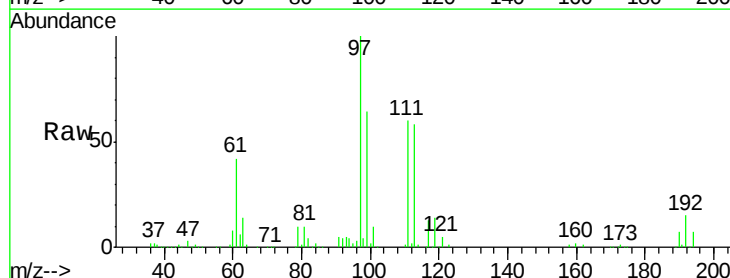
RT: 5.50 min Scan# 806

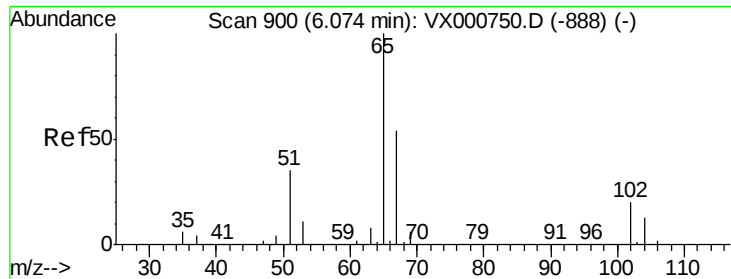
Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	97	Resp:	230983
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.0	33.7	50.5





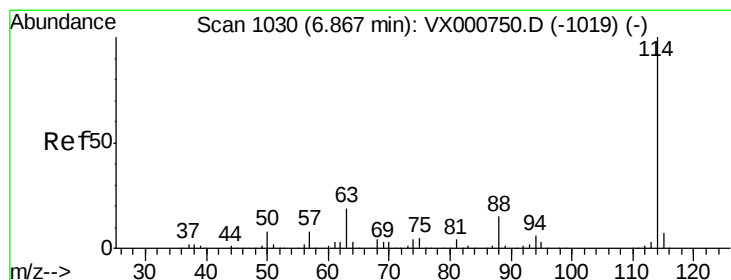
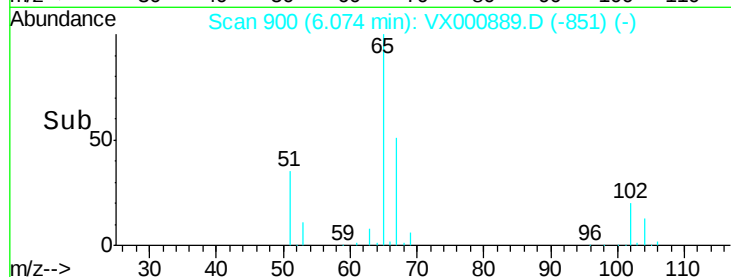
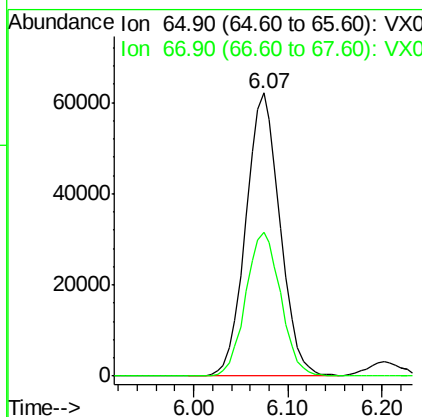
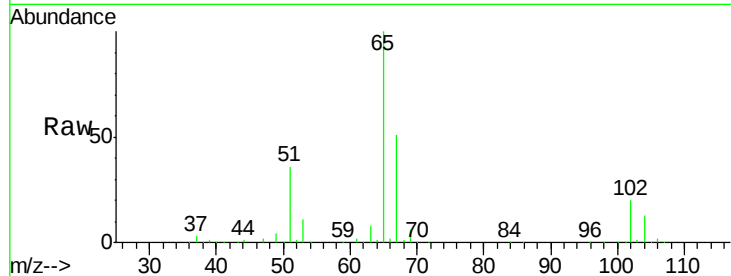
#33
 1,2-Dichloroethane-d4
 Concen: 45.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157833		
67	52.2	0.0	103.8	

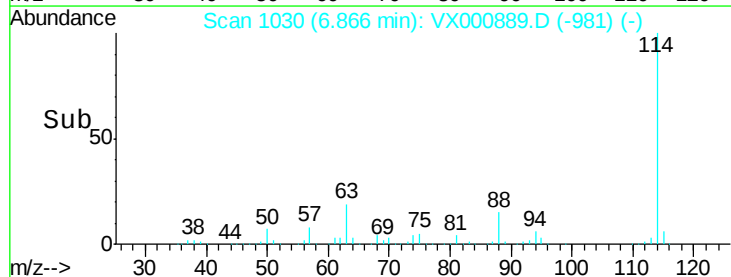
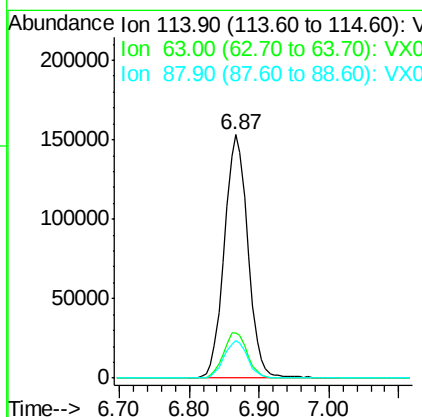
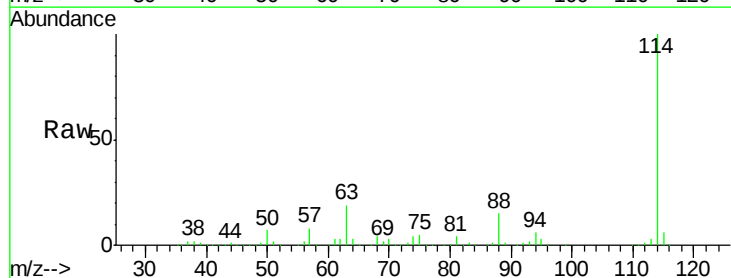
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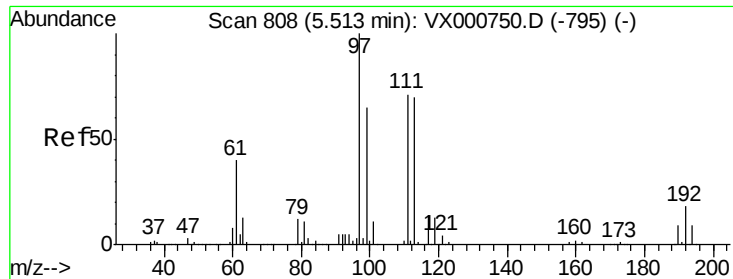
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358754		
63	18.7	0.0	38.4	
88	15.2	0.0	31.0	





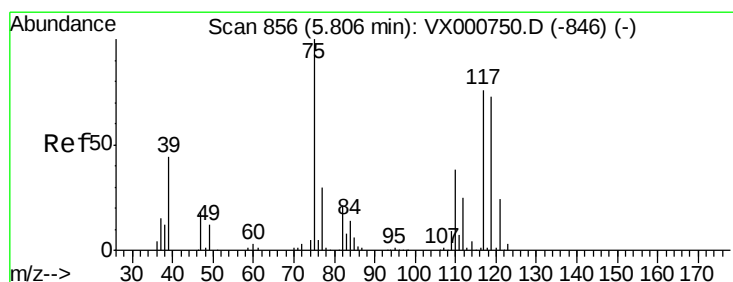
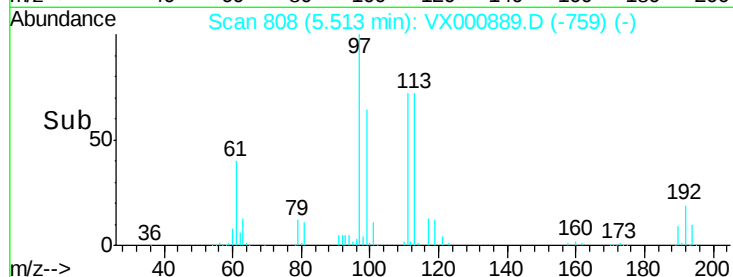
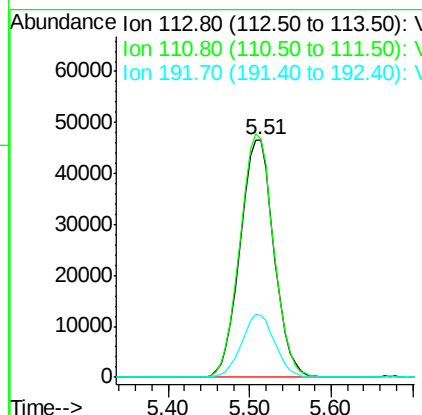
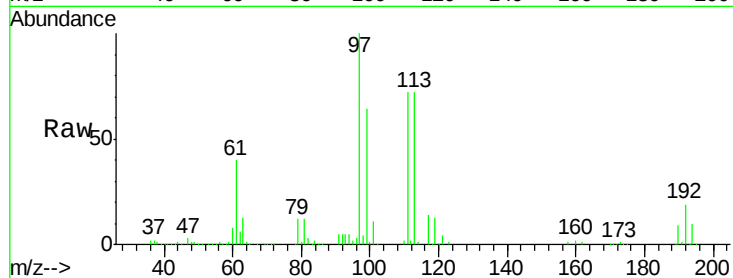
#35
Dibromofluoromethane
Concen: 48.64 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134441		
111	102.0	81.5	122.3	
192	26.0	20.4	30.6	

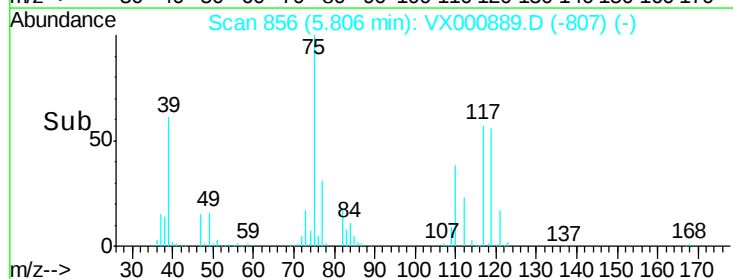
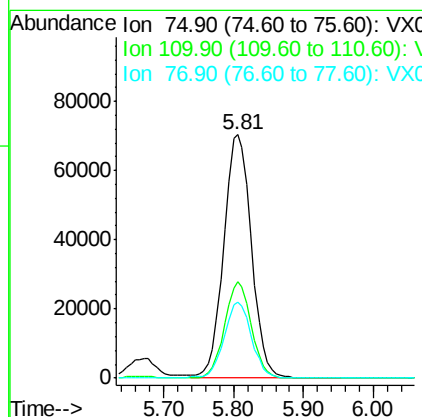
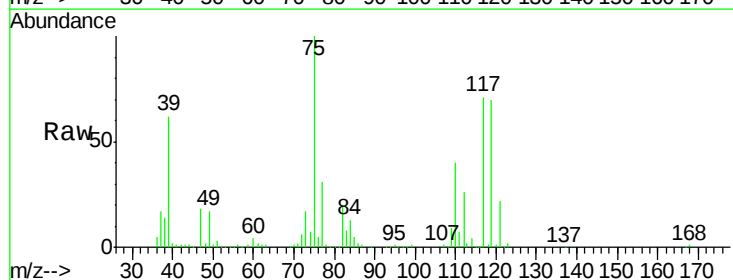
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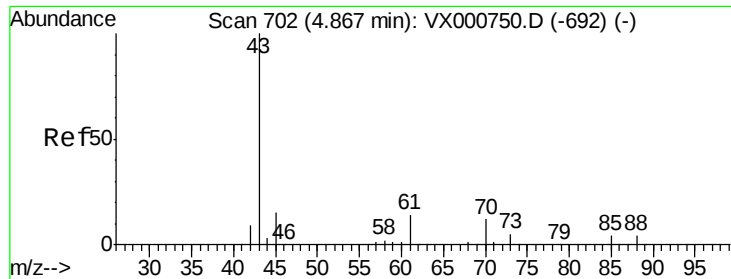
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#36
1,1-Dichloropropene
Concen: 48.78 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192737		
110	38.3	19.2	57.6	
77	31.0	25.4	38.2	





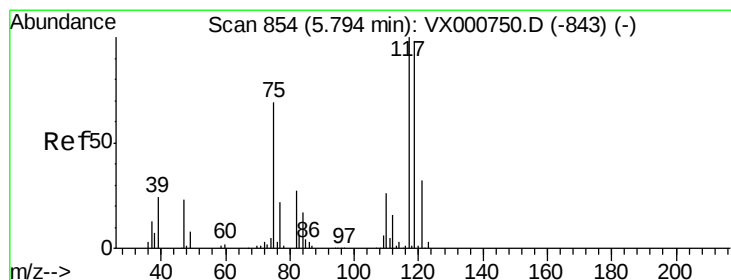
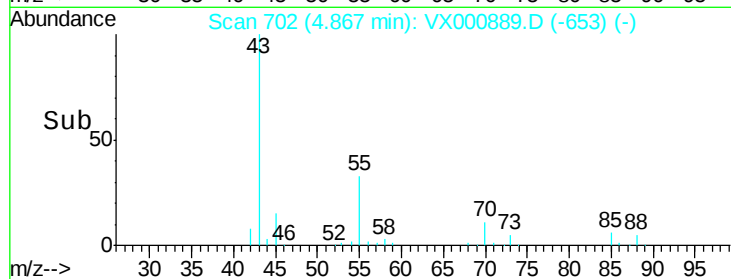
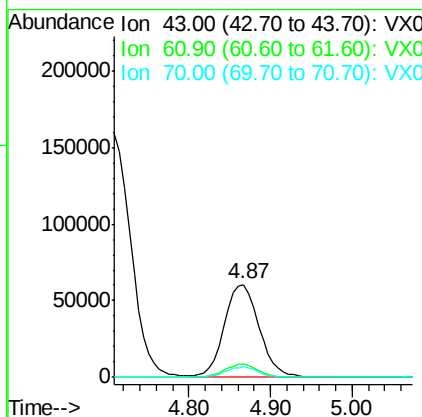
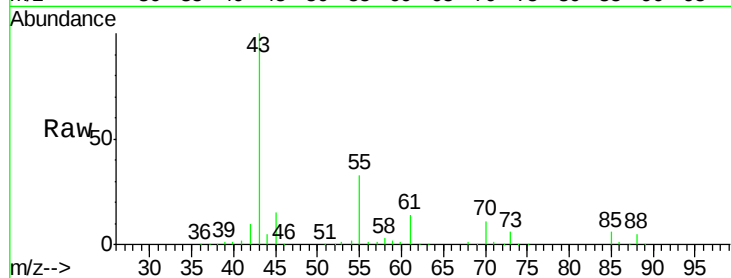
#37
Ethyl Acetate
Concen: 46.21 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.7	8.7	13.1

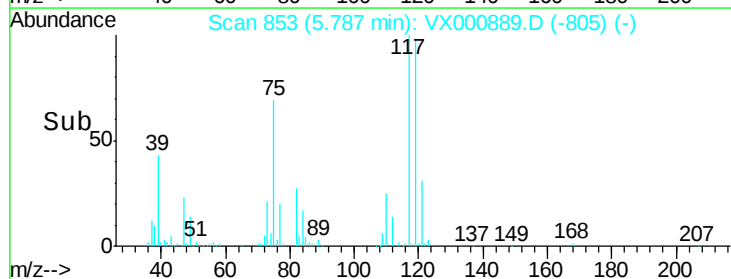
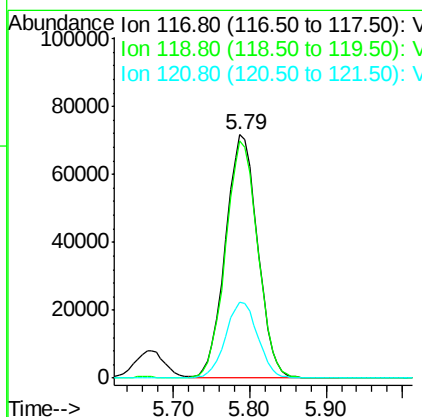
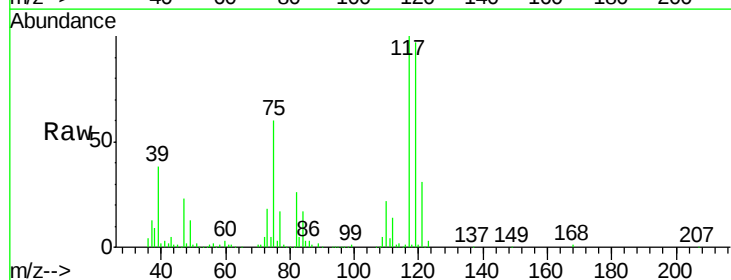
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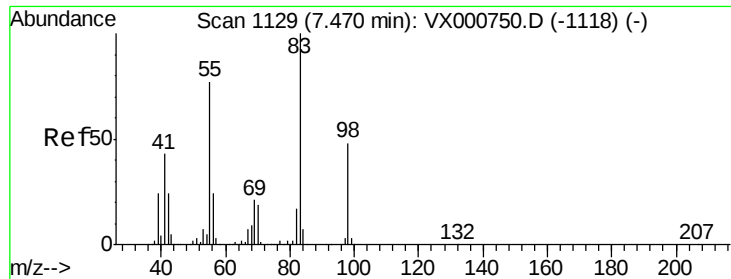
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#38
Carbon Tetrachloride
Concen: 47.18 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.4	117.6
121	31.2	25.4	38.0





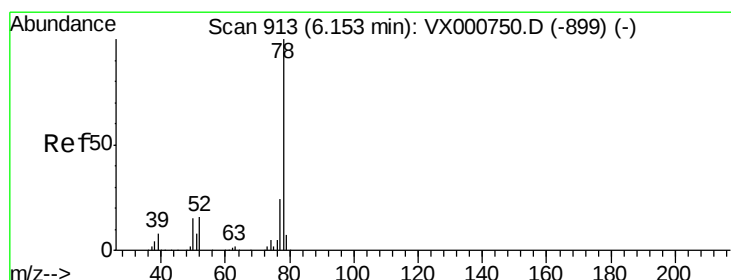
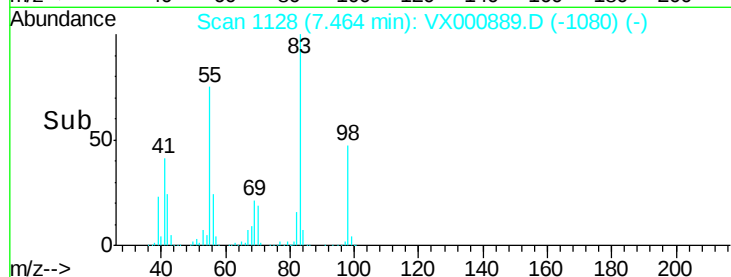
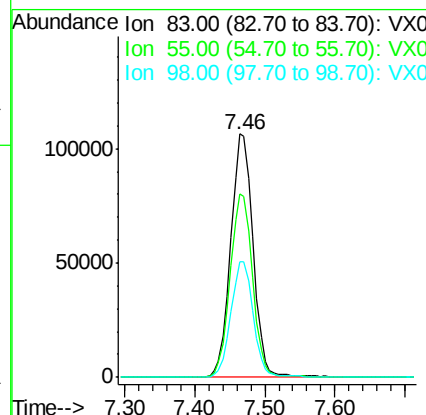
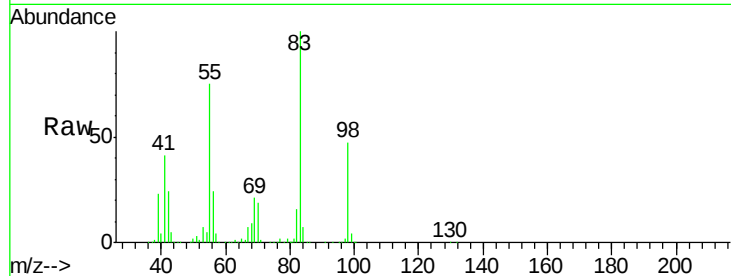
#39
Methvlcvclohexane
Concen: 49.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.0	61.5	92.3	
98	47.3	38.1	57.1	

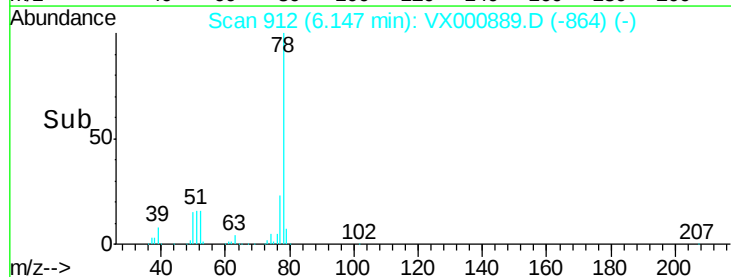
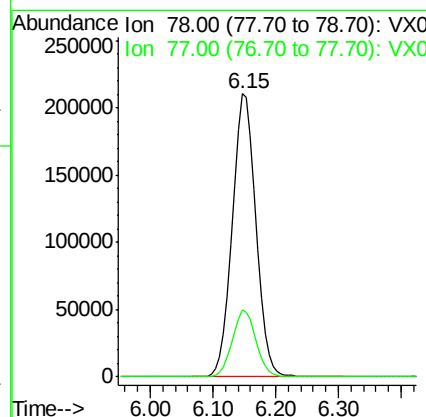
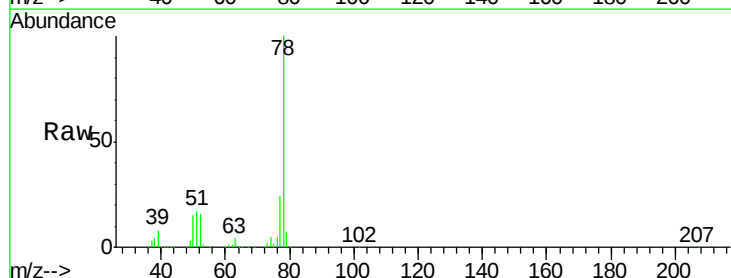
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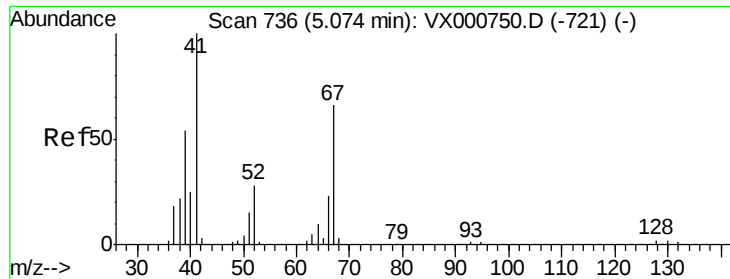
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#40
Benzene
Concen: 50.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.0	28.6	





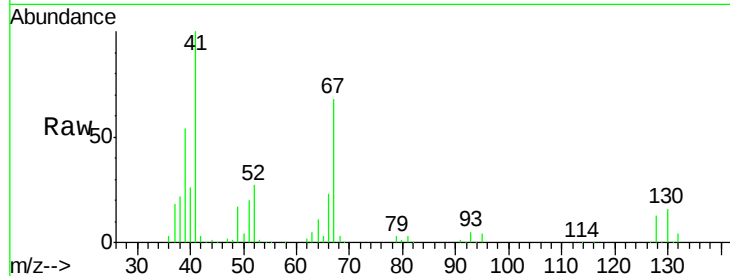
#41
Methacrylonitrile
Concen: 47.88 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	44.9	67.3	
67	69.2	54.7	82.1	
52	28.0	23.0	34.6	

Manual Integrations
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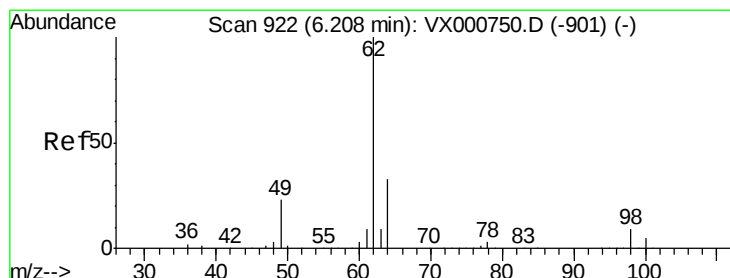
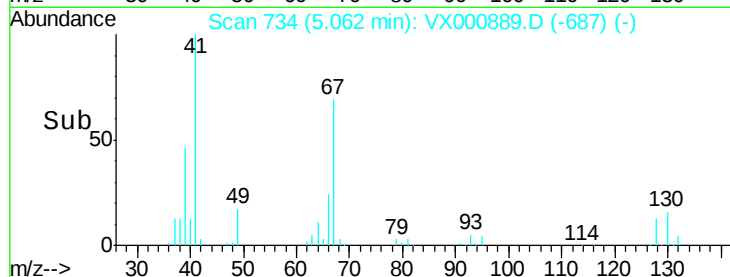
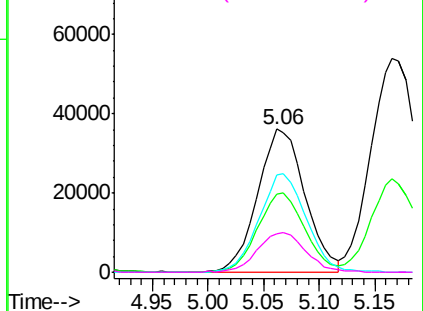
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

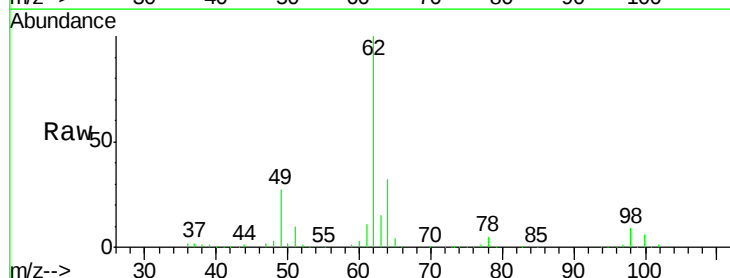
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

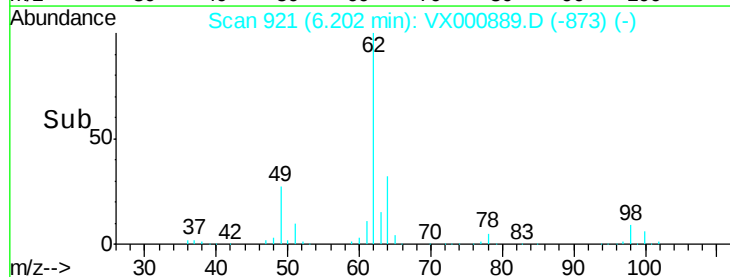
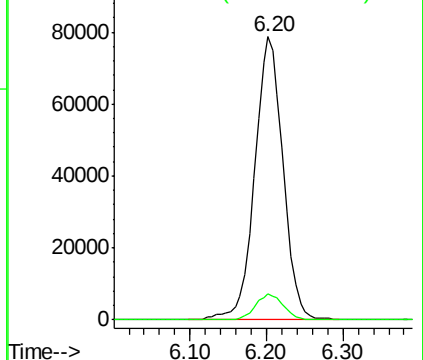
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.6	

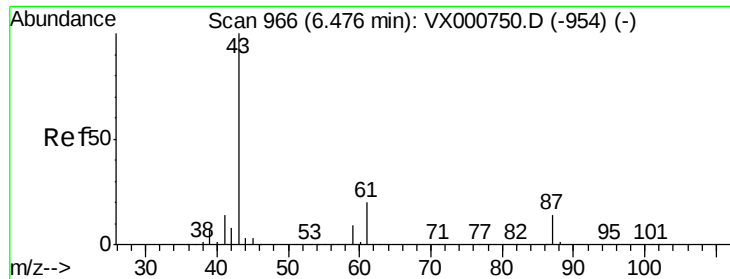


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

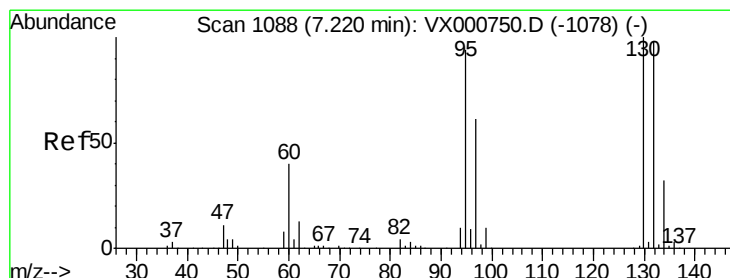
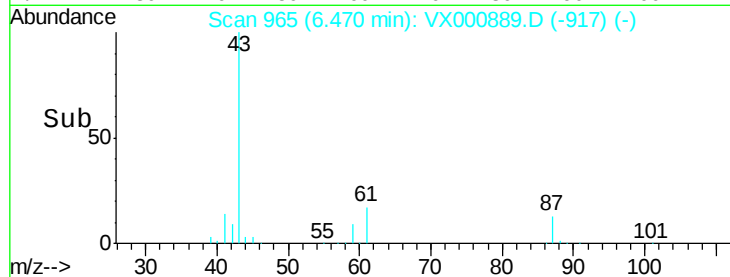
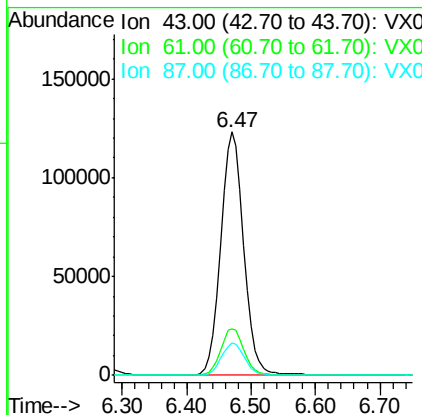
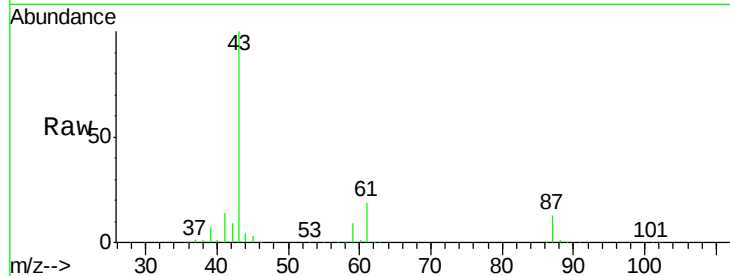
Isopropyl Acetate
 Concen: 46.80 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.4	10.7	16.1

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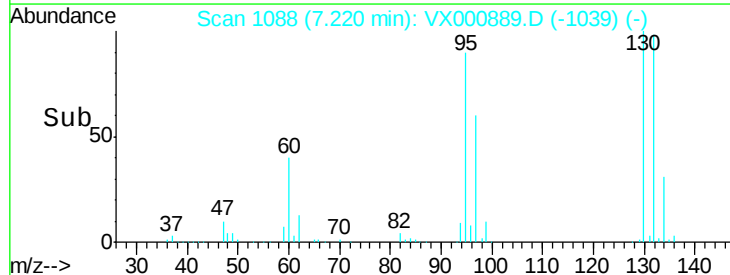
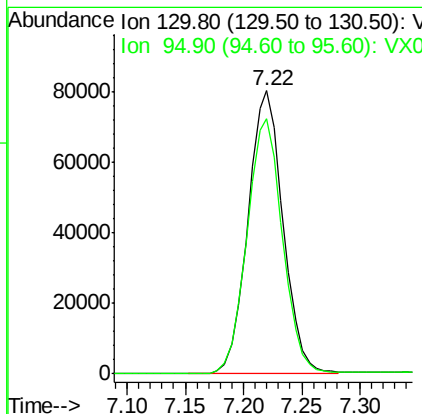
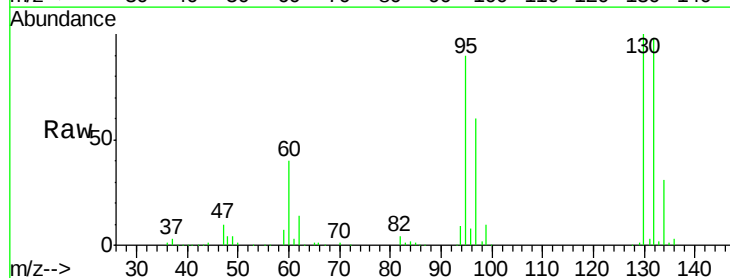
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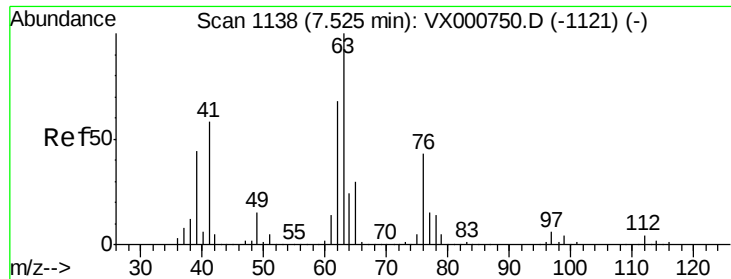


#44

Trichloroethene
 Concen: 49.28 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	187.0





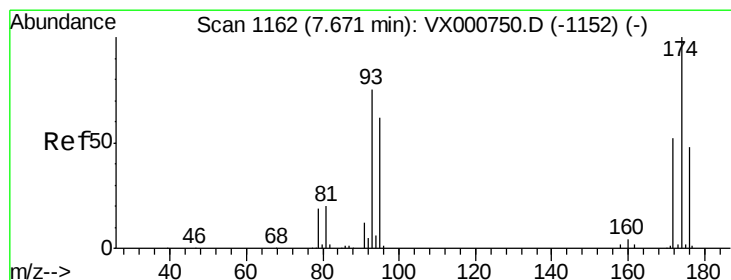
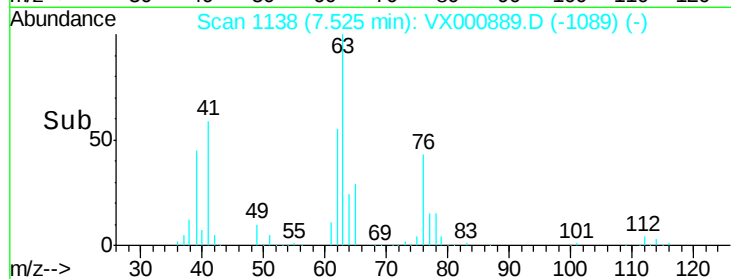
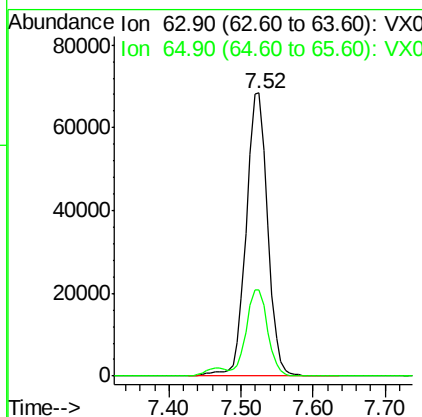
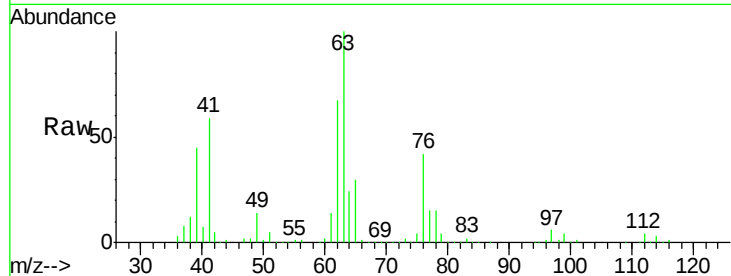
#45
 1,2-Dichloropropane
 Concen: 50.75 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.7	35.5

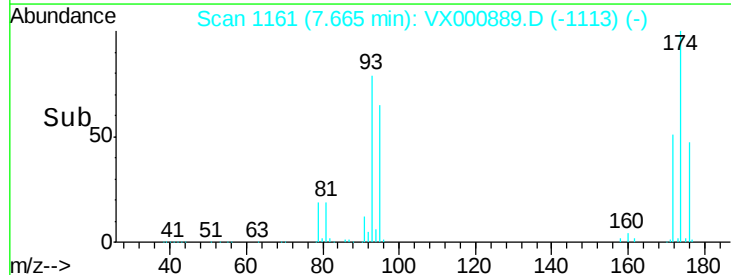
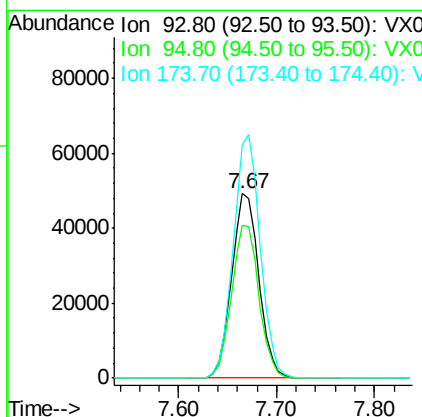
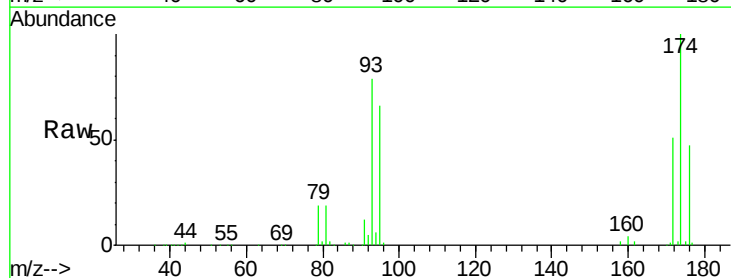
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#46
 Dibromomethane
 Concen: 48.75 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.6	100.0
174	130.6	104.5	156.7





#47

Bromodichloromethane

Concen: 48.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000889.D

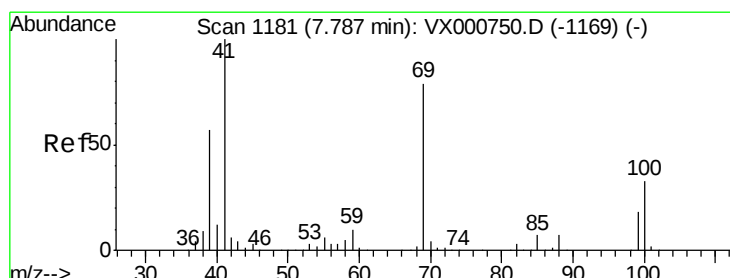
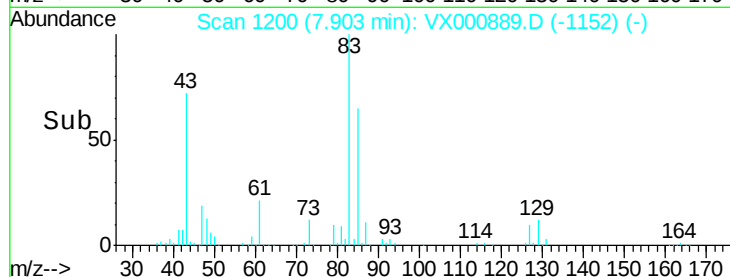
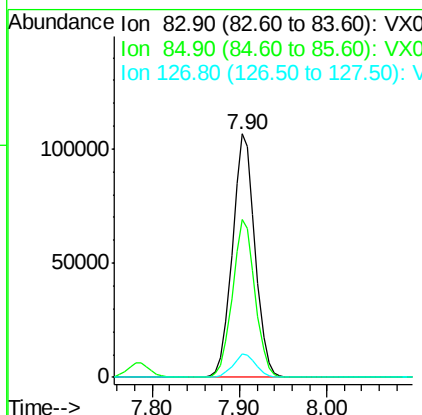
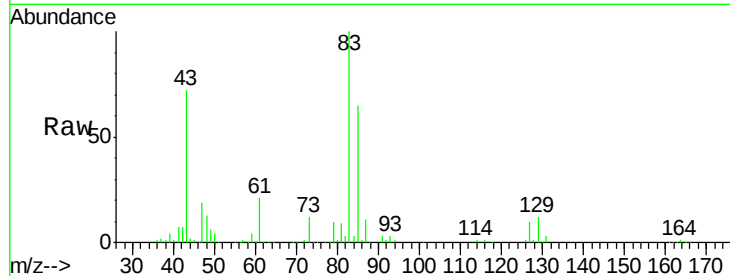
Acq: 15 Apr 2018 11:40

Tot Ion:	83	Resp:	191416
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.2	78.4
127	9.5	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#48

Methyl methacrylate

Concen: 47.95 ug/l

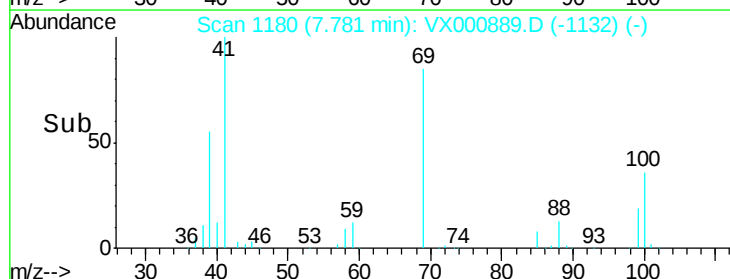
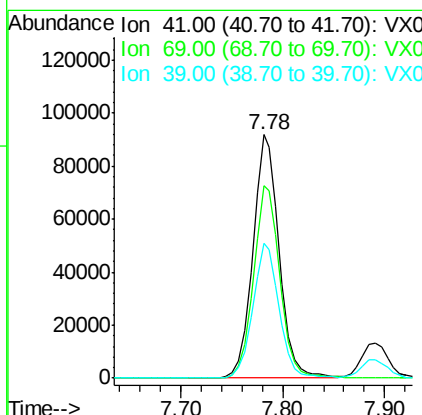
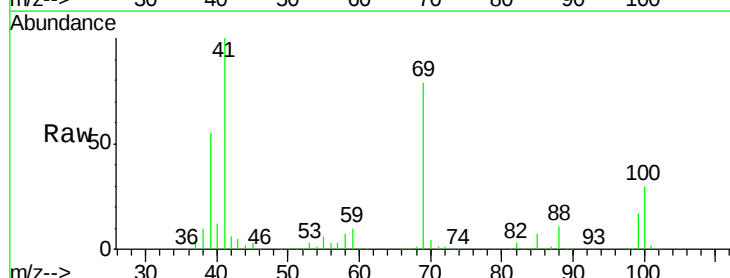
RT: 7.78 min Scan# 1180

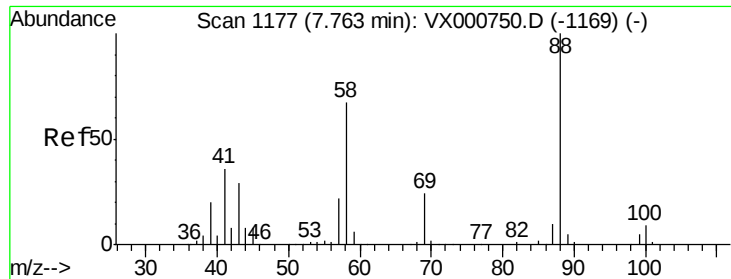
Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	41	Resp:	164347
Ion Ratio	Lower	Upper	
41	100		
69	80.1	63.9	95.9
39	55.4	45.9	68.9





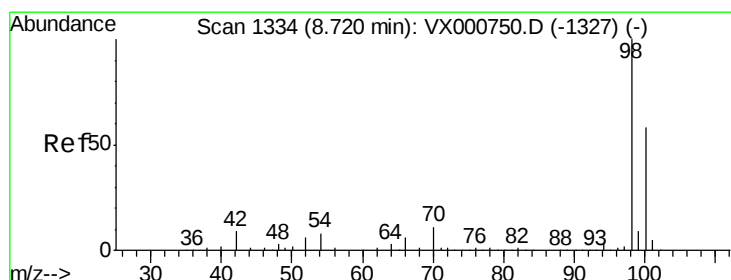
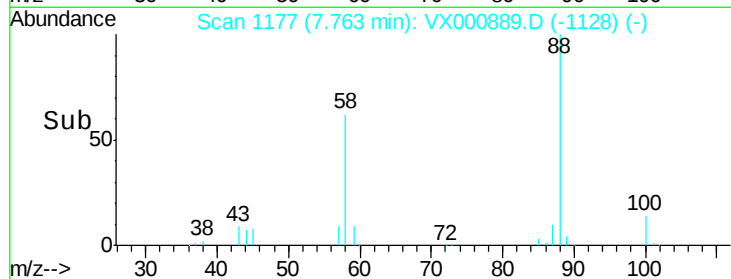
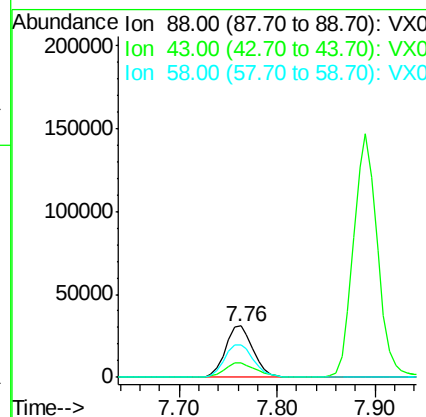
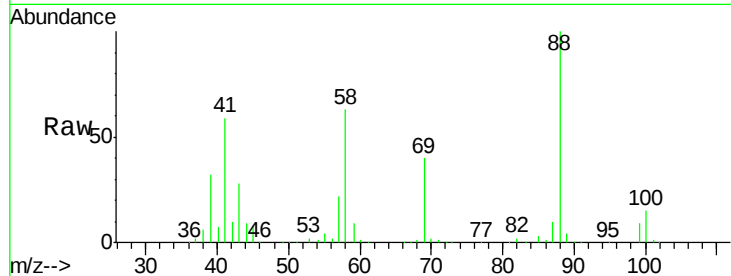
#49
1,4-Dioxane
Concen: 883.98 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	67.6	54.4	81.6

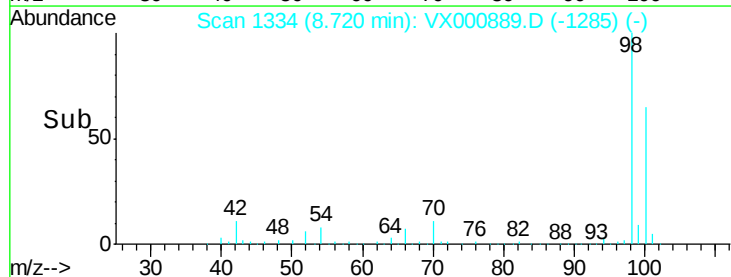
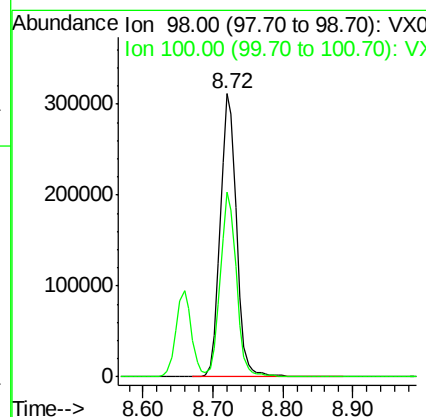
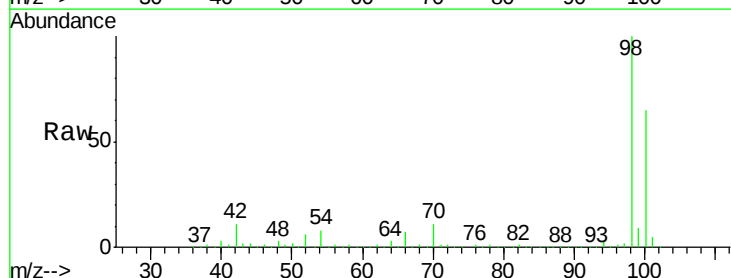
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#50
Toluene-d8
Concen: 48.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 239.69 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 931064

Ion Ratio Lower Upper

43 100

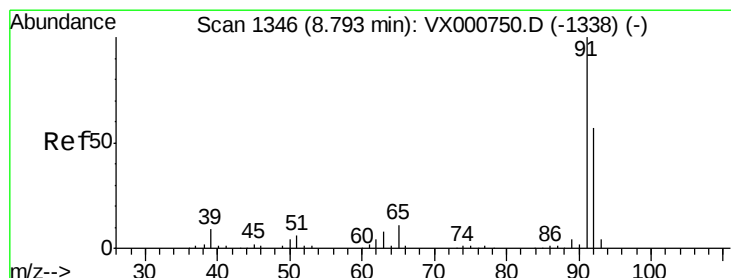
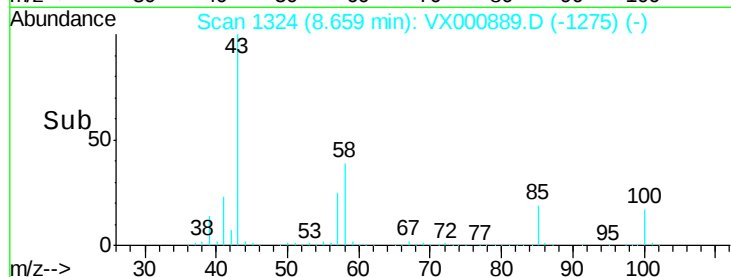
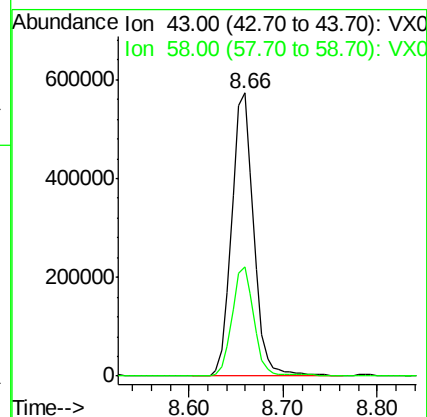
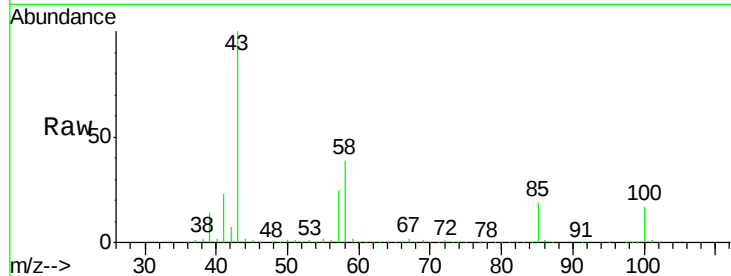
58 38.1 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 49.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000889.D

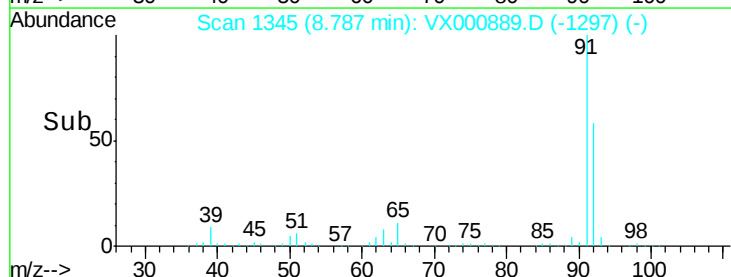
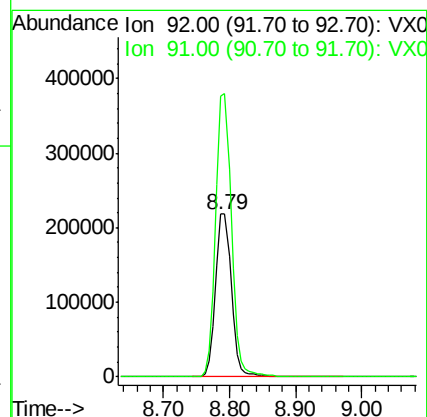
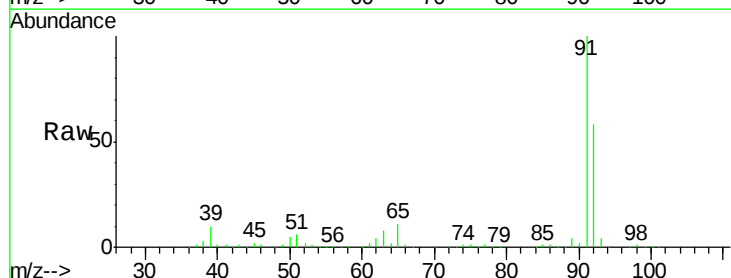
Acq: 15 Apr 2018 11:40

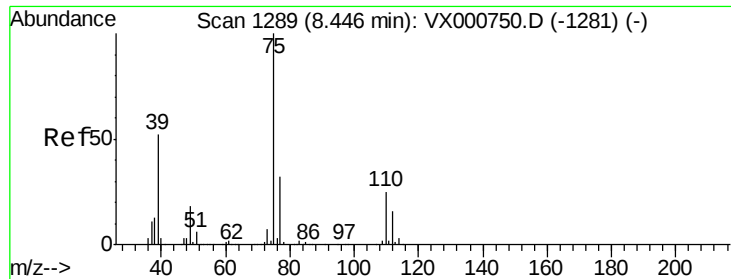
Tgt Ion: 92 Resp: 363403

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 49.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 233998

Ion Ratio Lower Upper

75 100

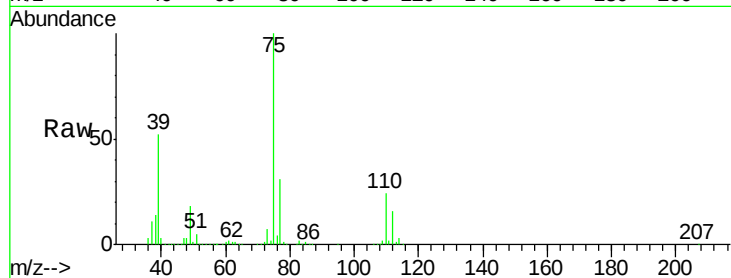
77 31.0 25.4 38.2

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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

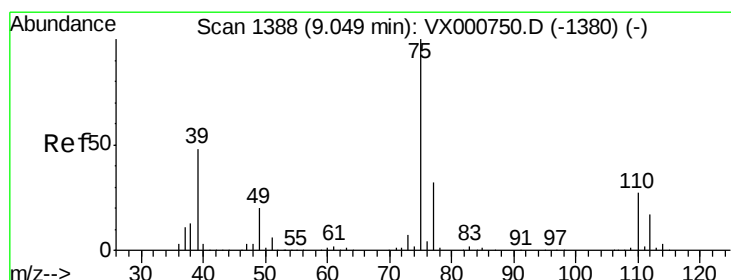
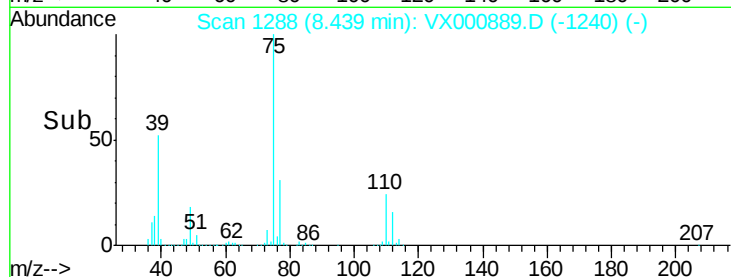
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

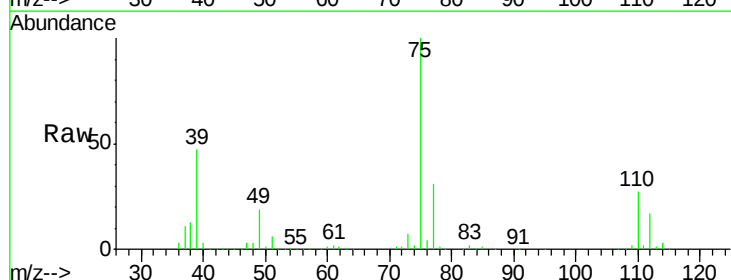
Tgt Ion: 75 Resp: 222716

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 46.7 38.6 58.0



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

9.05

200000

150000

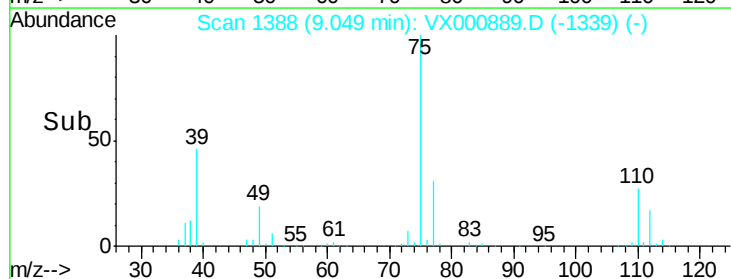
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





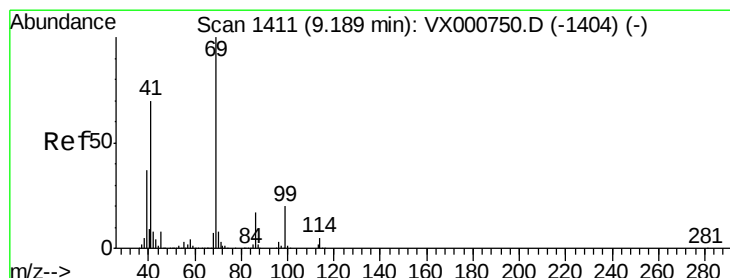
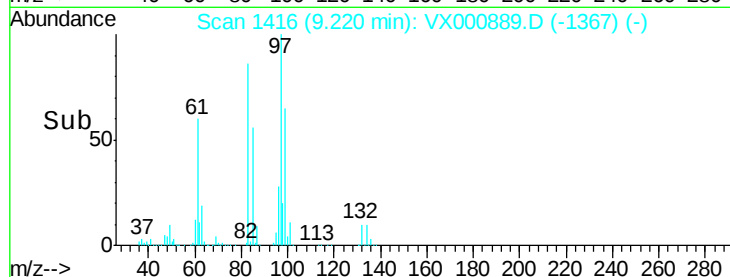
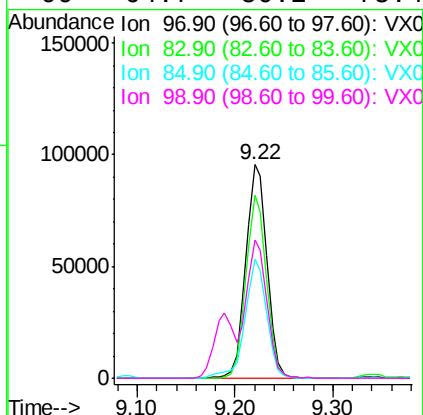
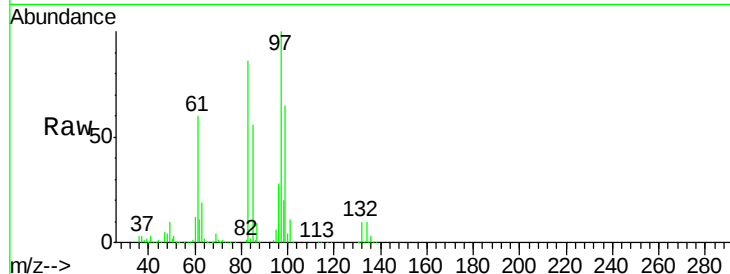
#55
 1,1,2-Trichloroethane
 Concen: 49.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	143392
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.6	101.4
85	55.6	43.8	65.6
99	64.7	50.2	75.4

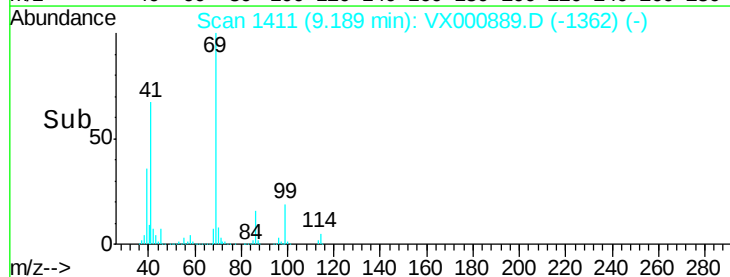
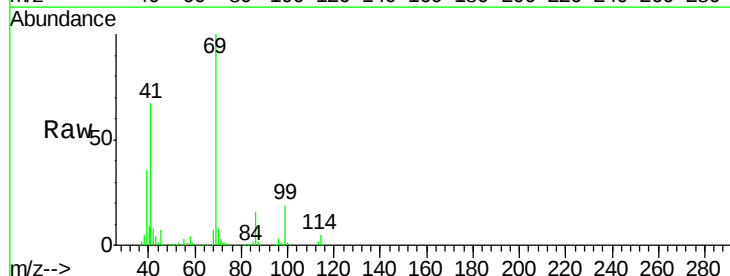
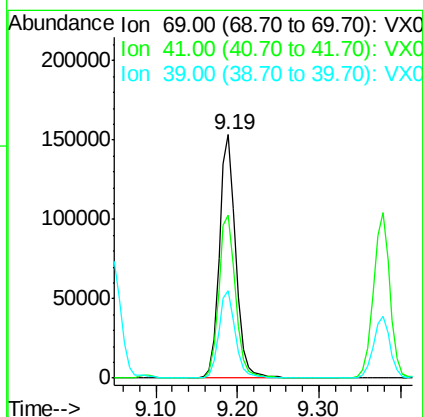
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#56
 Ethyl methacrylate
 Concen: 48.61 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion:	69	Resp:	216797
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.6	83.4
39	36.3	30.3	45.5





#57

1,3-Dichloropropane

Concen: 51.12 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 234966

Ion Ratio Lower Upper

76 100

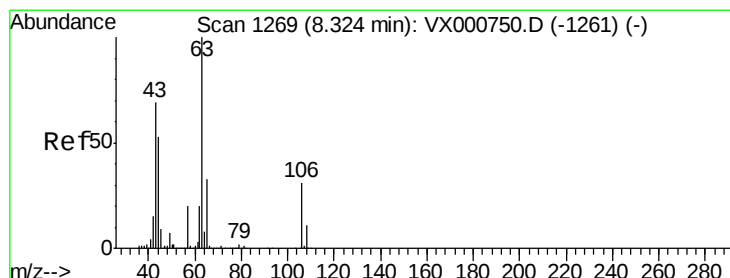
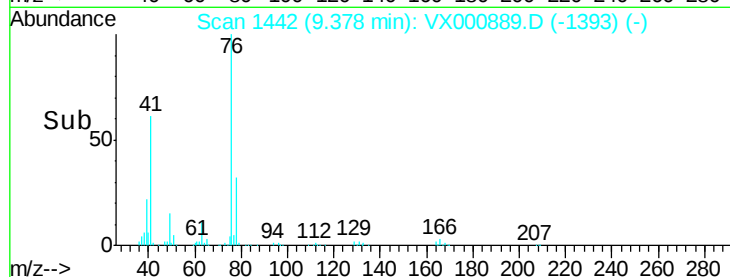
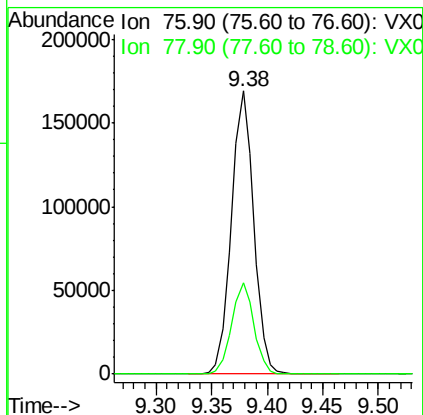
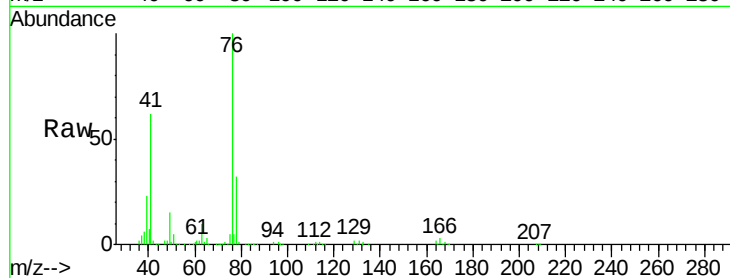
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 230.71 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000889.D

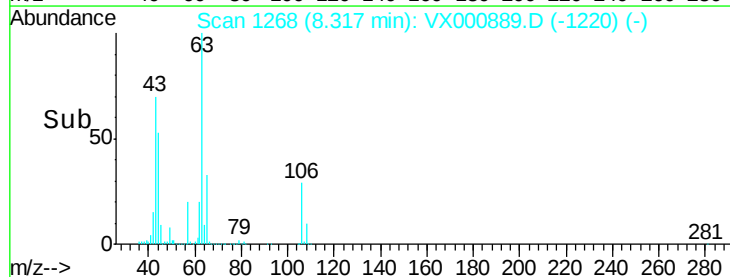
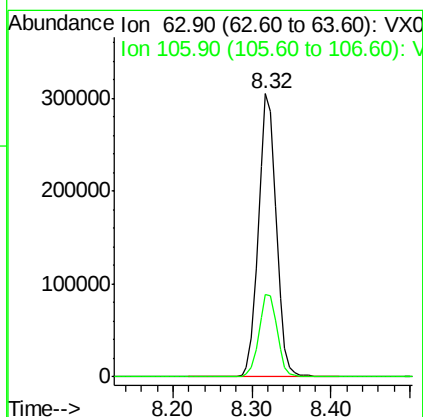
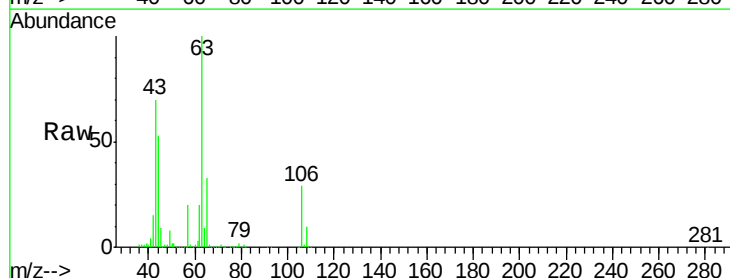
Acq: 15 Apr 2018 11:40

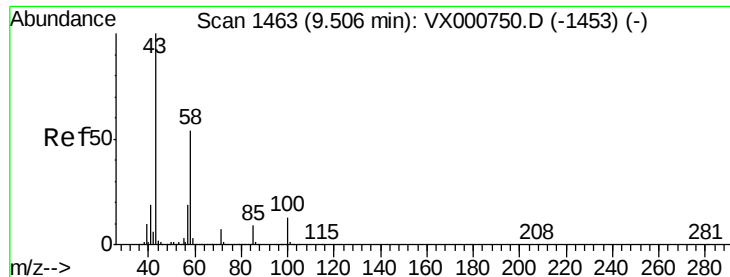
Tgt Ion: 63 Resp: 480782

Ion Ratio Lower Upper

63 100

106 30.0 24.3 36.5





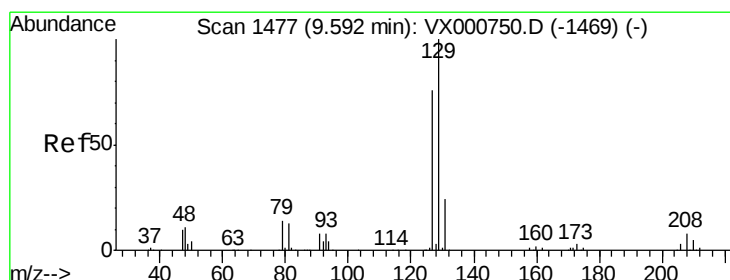
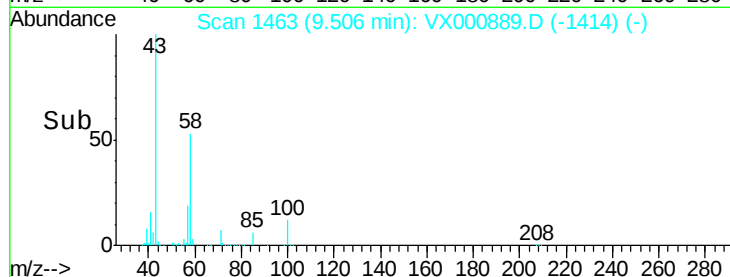
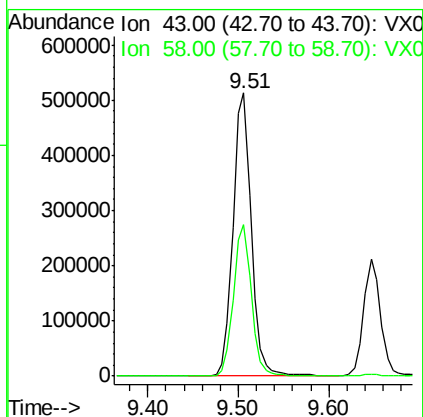
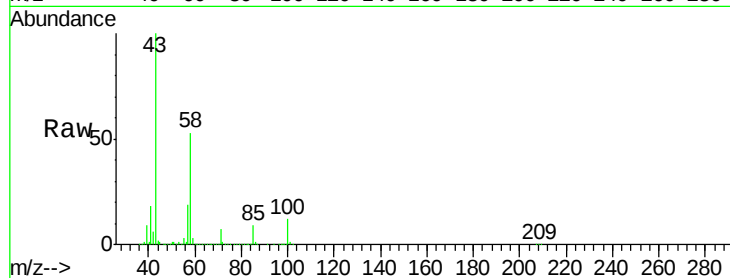
#59
2-Hexanone
Concen: 238.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.5	79.5

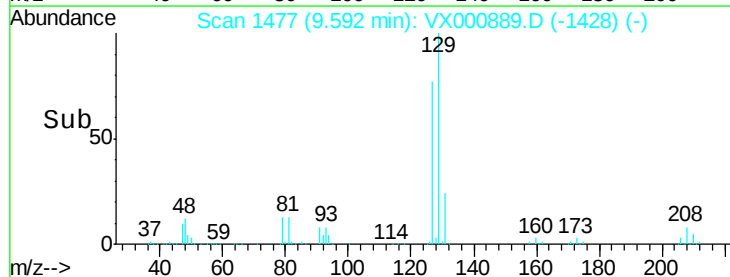
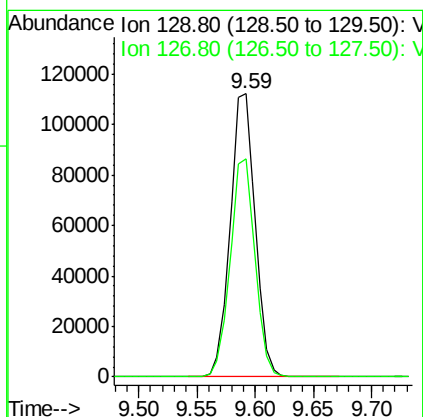
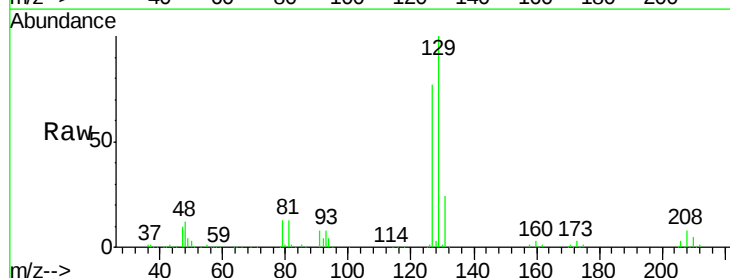
Manual Integrations
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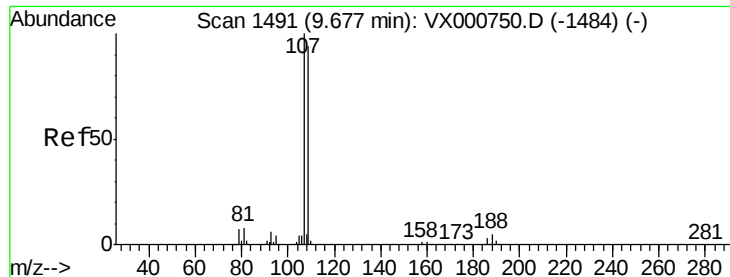
apatel
4/16/2018 3:34:56 PM



#60
Dibromochloromethane
Concen: 48.50 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.4	115.1





#61

1,2-Dibromoethane

Concen: 49.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 151459

Ion Ratio Lower Upper

107 100

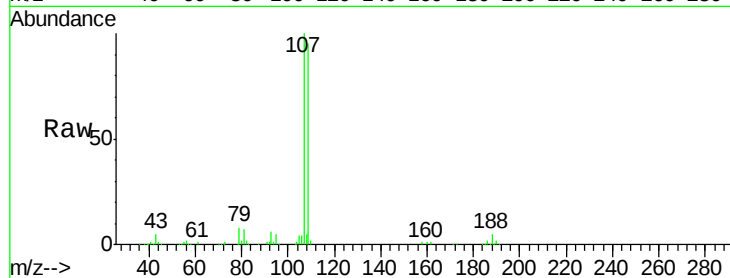
109 95.9 76.2 114.4

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

9.68

120000

100000

80000

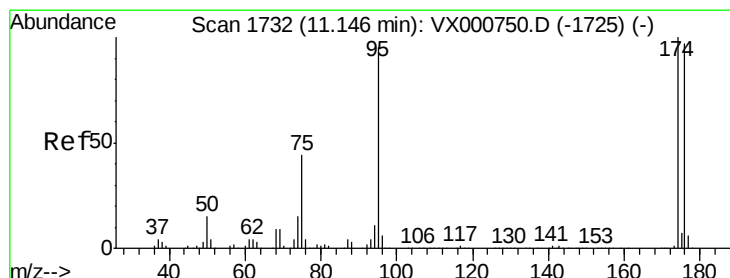
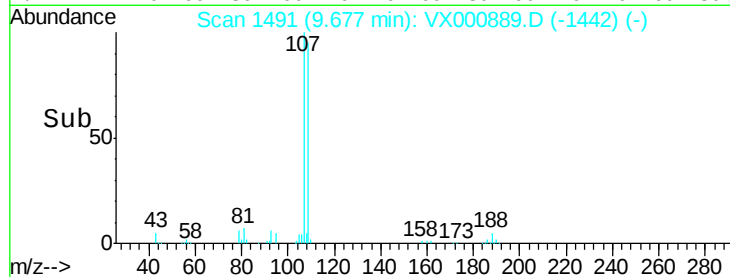
60000

40000

20000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

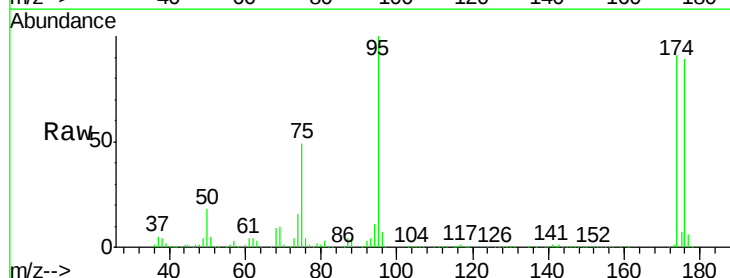
Tgt Ion: 95 Resp: 202170

Ion Ratio Lower Upper

95 100

174 99.6 0.0 198.4

176 97.6 0.0 194.4



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

200000

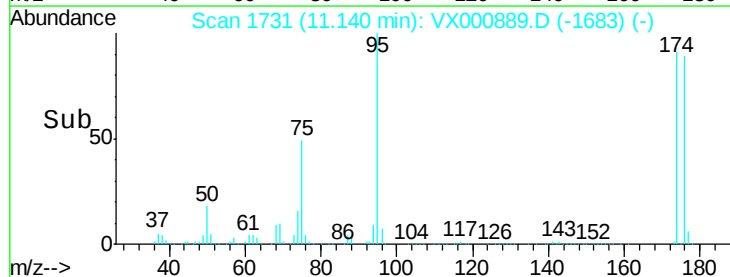
150000

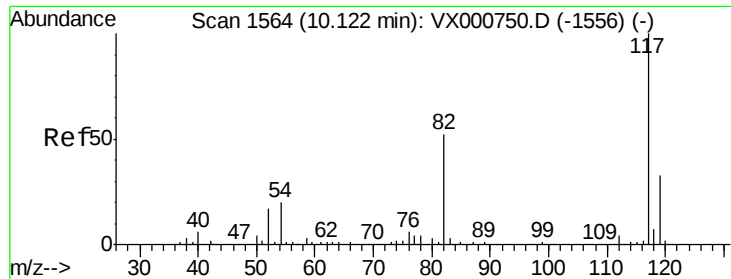
100000

50000

0

Time--> 11.10 11.20





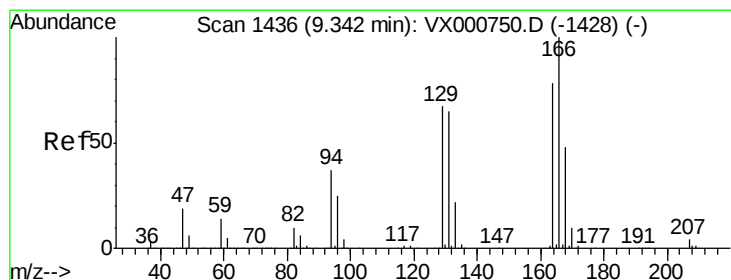
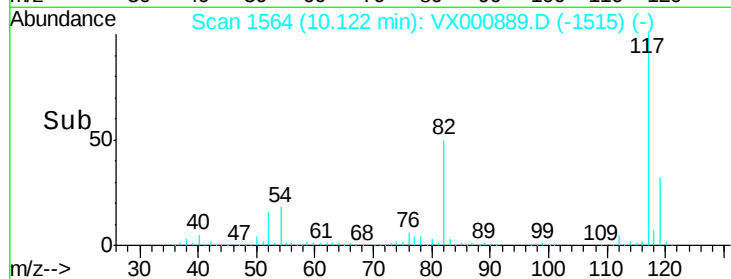
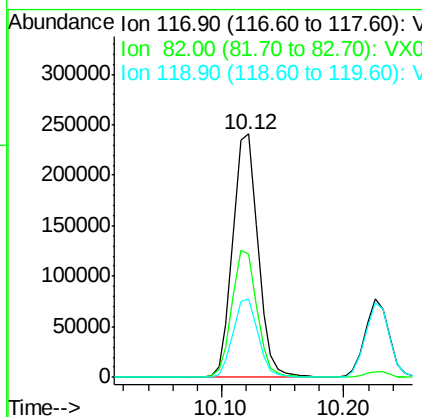
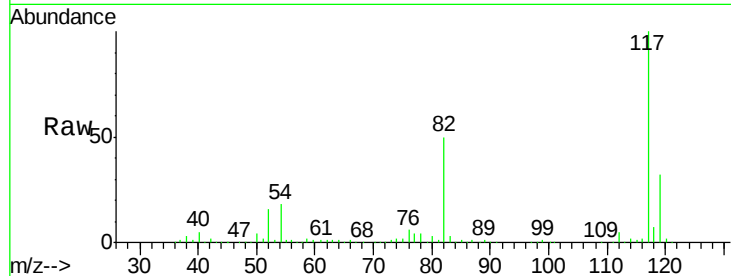
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.9	62.9
119	32.2	26.0	39.0

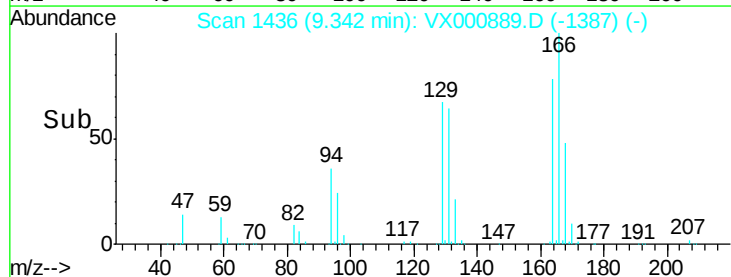
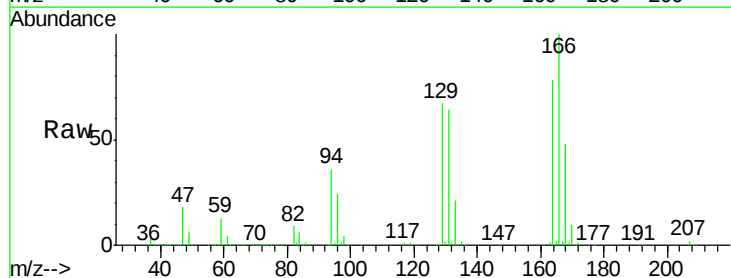
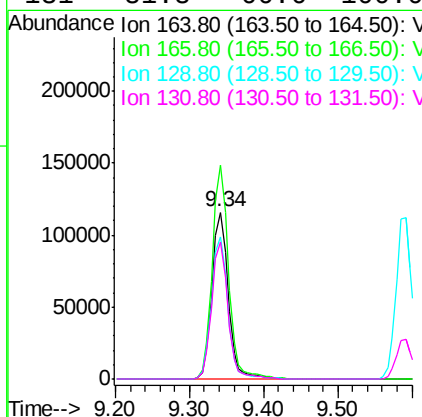
Manual Integrations
APPROVED

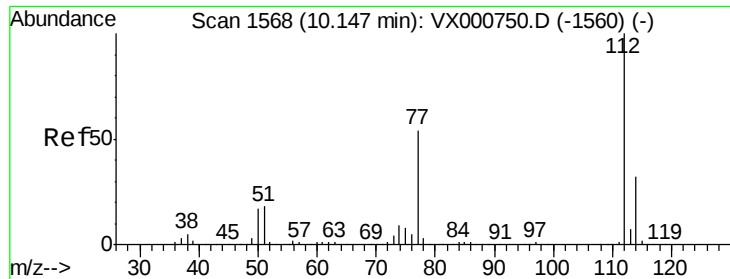
apatel
4/16/2018 3:34:56 PM



#64
Tetrachloroethene
Concen: 52.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.8	154.2
129	85.2	68.5	102.7
131	81.8	66.6	100.0





#65

Chlorobenzene

Concen: 50.09 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 432442

Ion Ratio Lower Upper

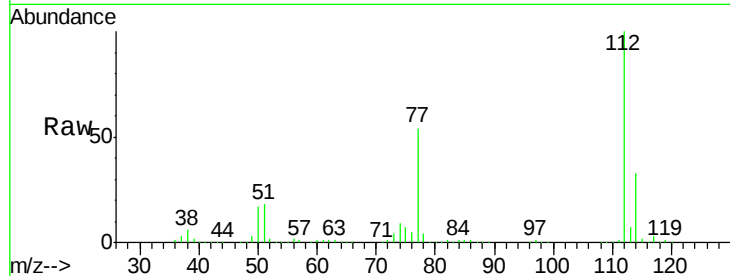
112 100

114 32.6 25.8 38.8

Manual Integrations
APPROVED

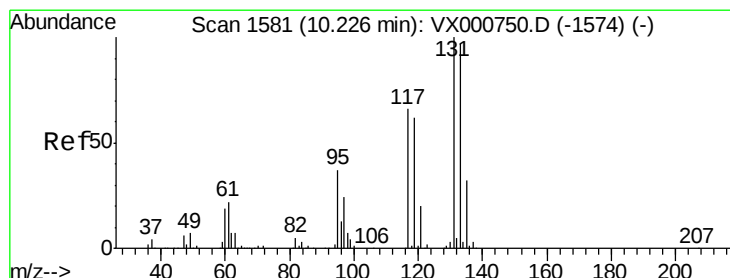
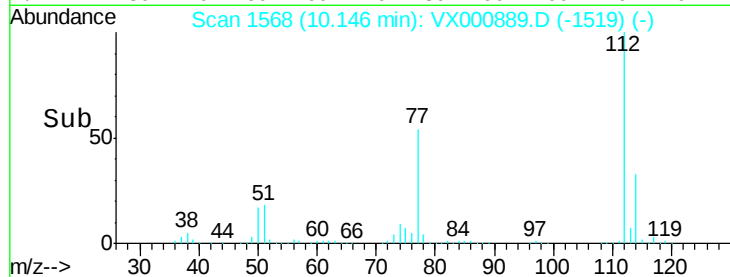
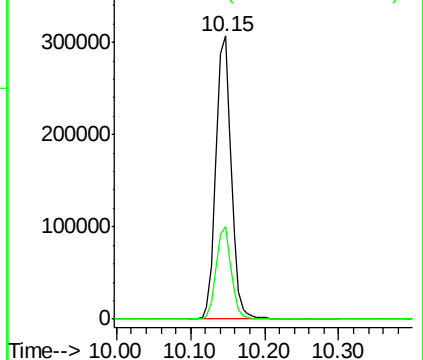
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.03 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

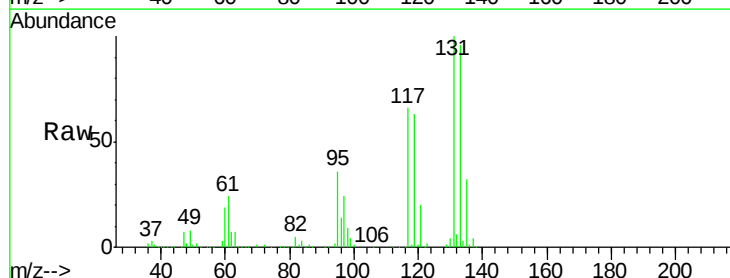
Tgt Ion:131 Resp: 159293

Ion Ratio Lower Upper

131 100

133 96.2 48.3 144.9

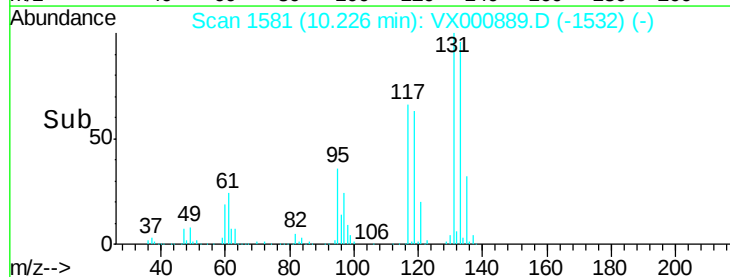
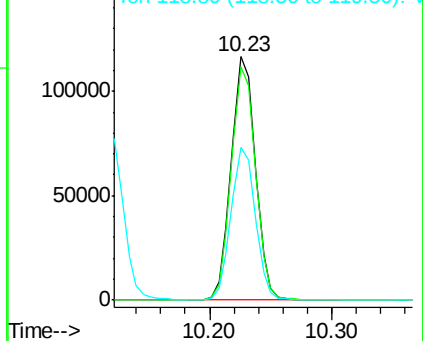
119 63.2 31.4 94.0

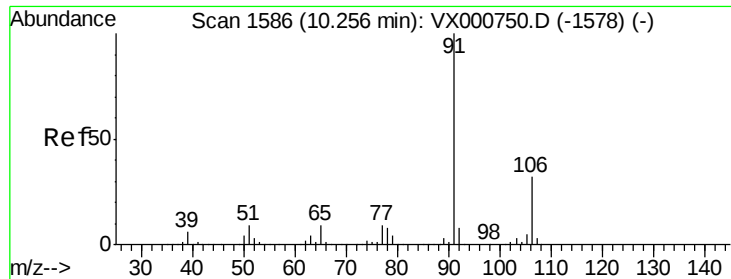


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





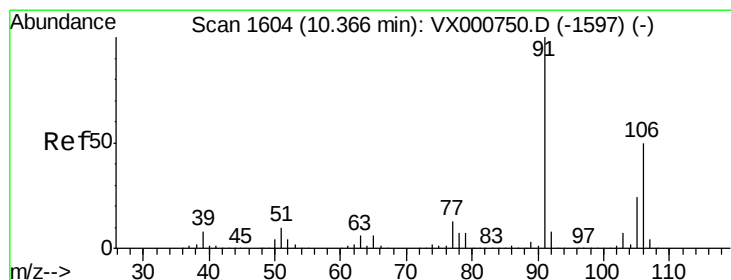
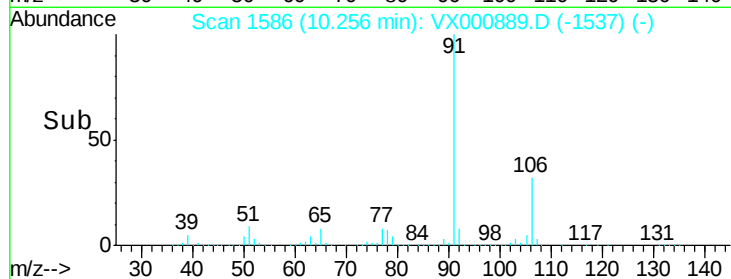
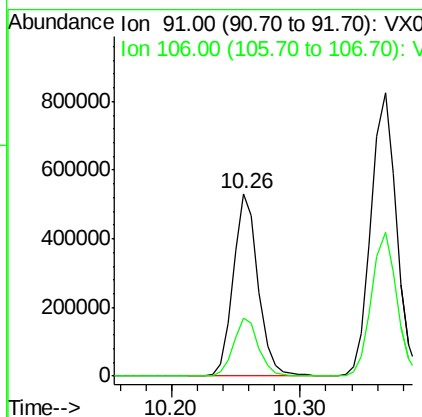
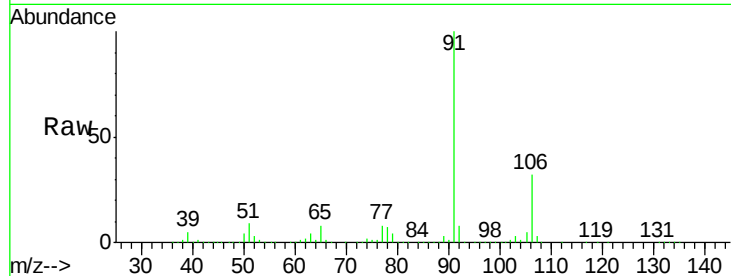
#67
Ethyl Benzene
Concen: 50.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 721591
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

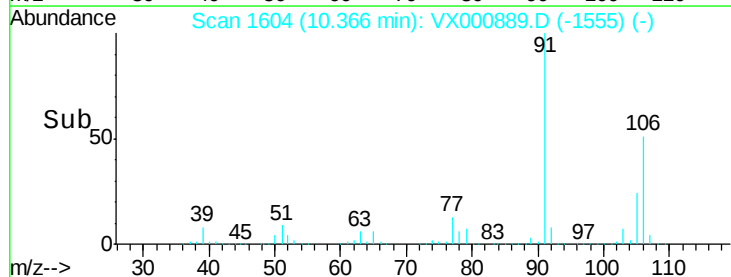
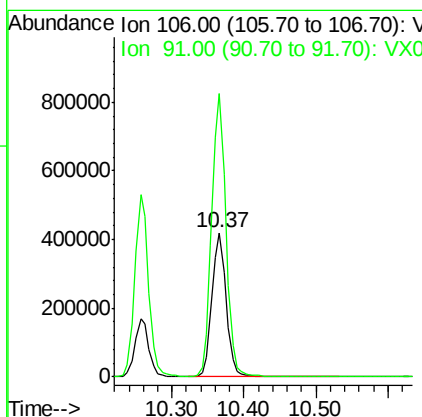
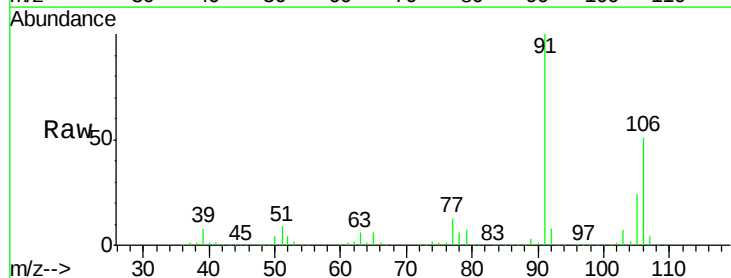
Manual Integrations
APPROVED

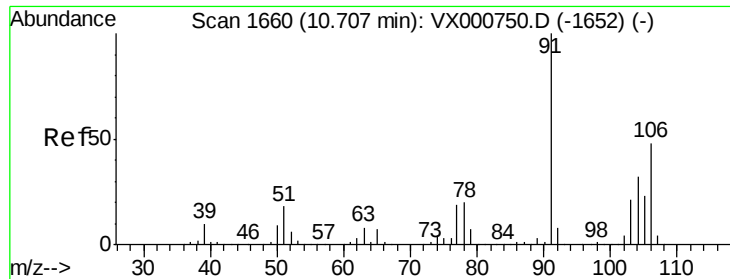
apatel
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#68
m/p-Xylenes
Concen: 100.60 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 106 Resp: 571463
Ion Ratio Lower Upper
106 100
91 198.0 159.3 238.9





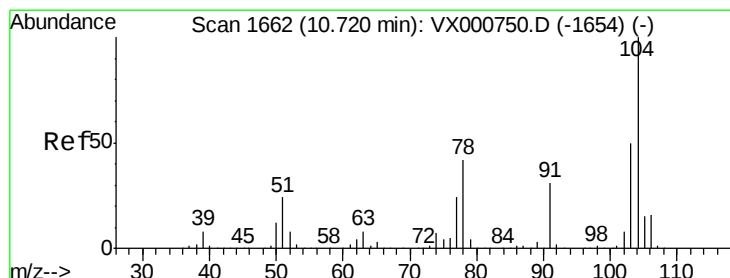
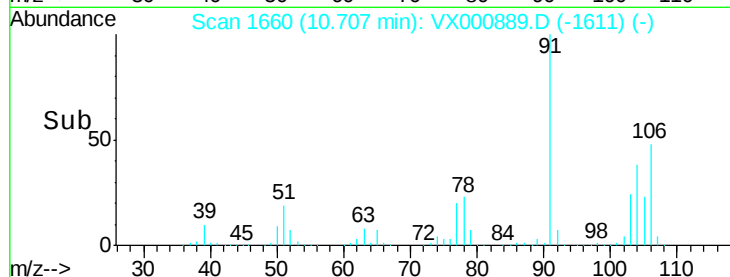
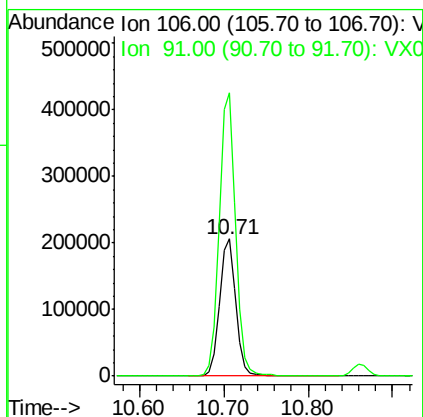
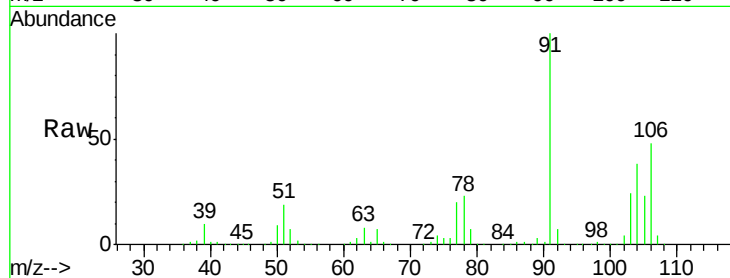
#69
o-Xylene
Concen: 50.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 275891
Ion Ratio Lower Upper
106 100
91 207.8 105.0 315.0

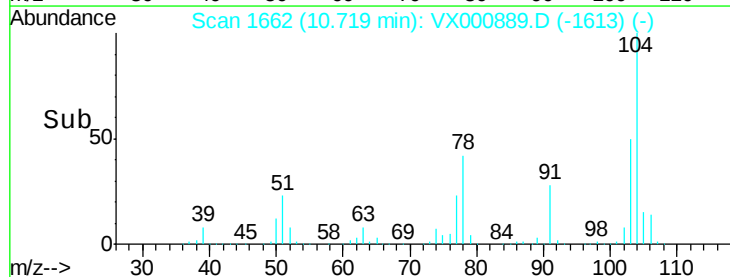
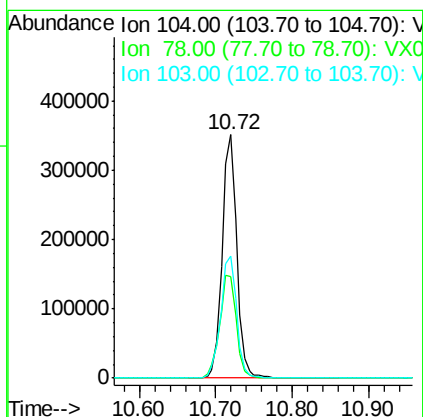
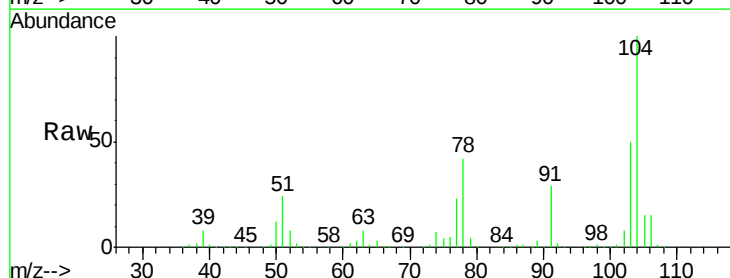
Manual Integrations
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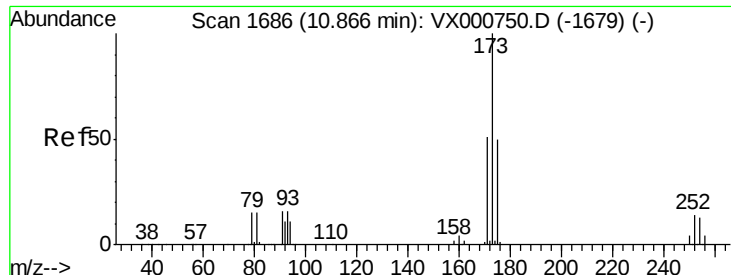
apatel
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#70
Styrene
Concen: 50.19 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:104 Resp: 463318
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 55.2 44.1 66.1





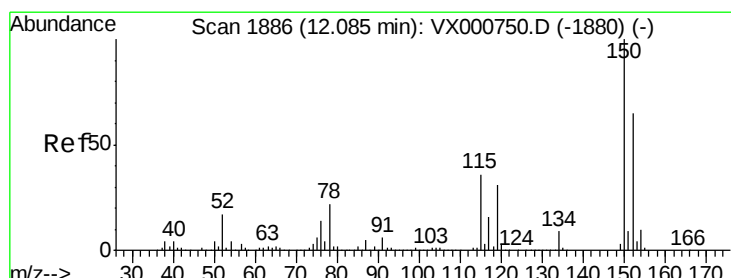
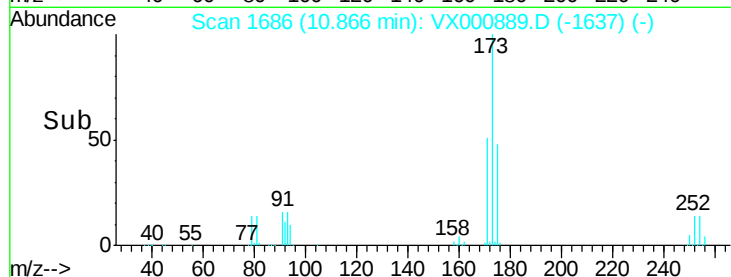
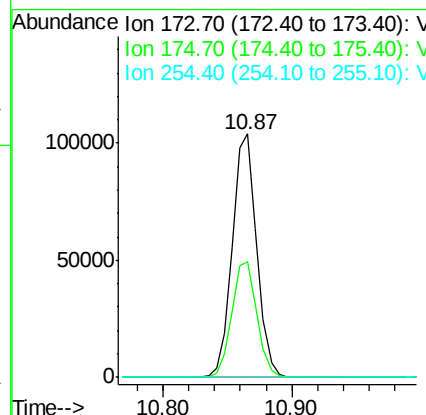
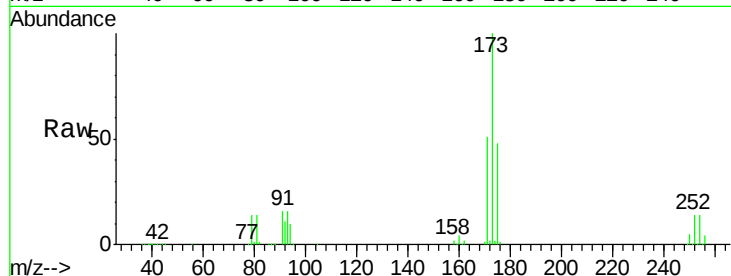
#71
Bromoform
Concen: 45.97 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.2	0.2	0.2

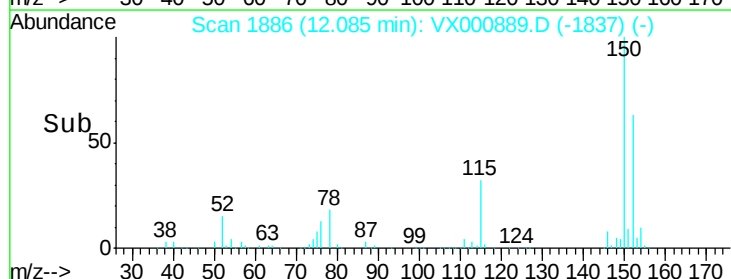
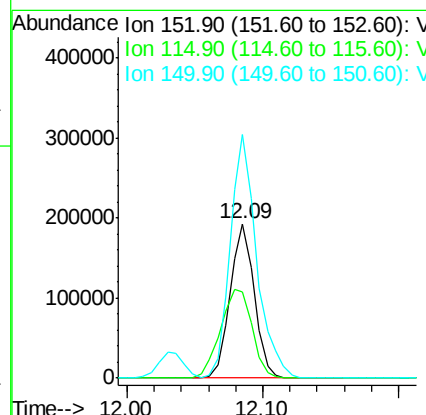
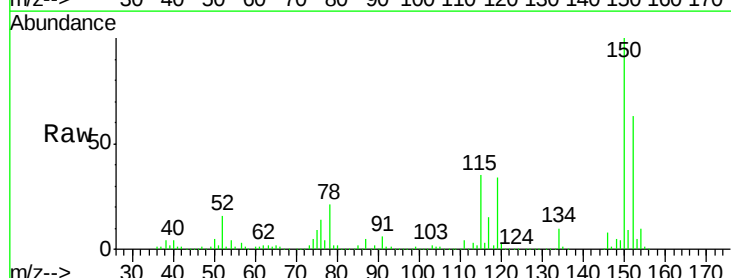
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.4	37.9	113.7
150	173.8	0.0	348.0





#73

Isopropylbenzene

Concen: 50.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 750762

Ion Ratio Lower Upper

105 100

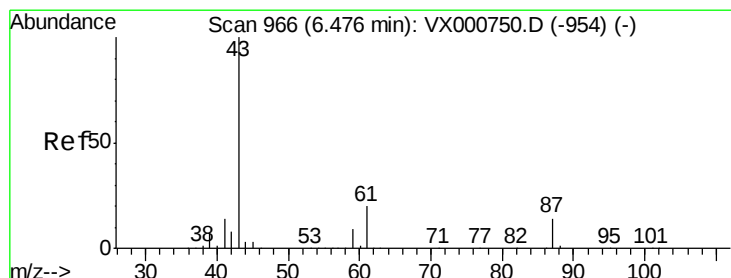
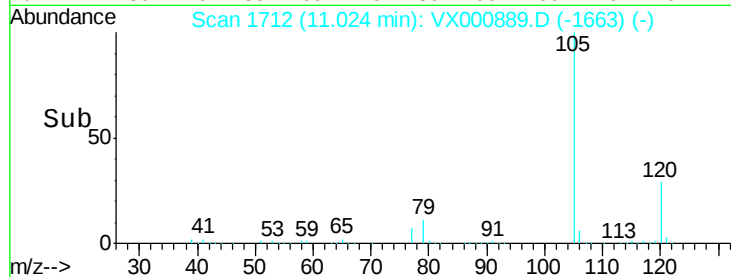
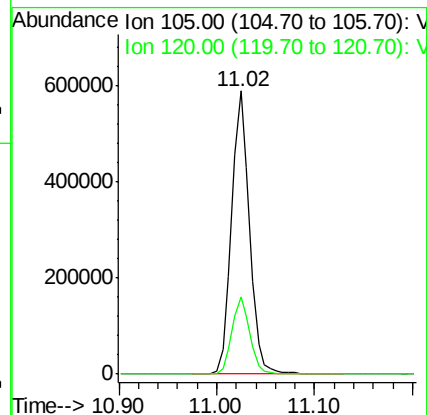
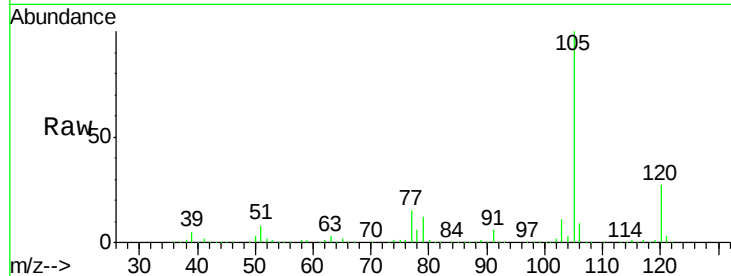
120 27.3 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.05 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion: 43 Resp: 309467

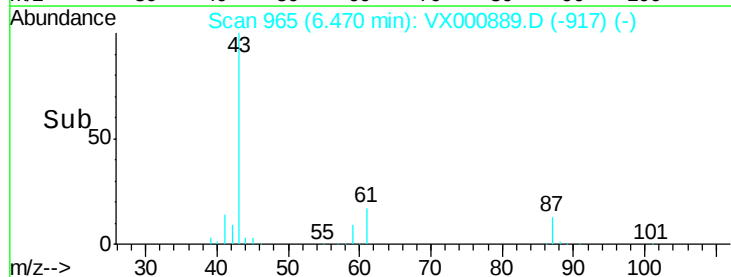
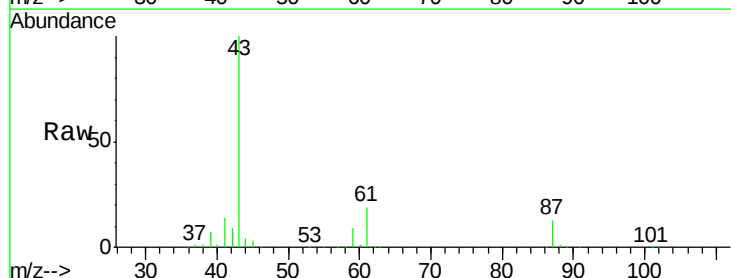
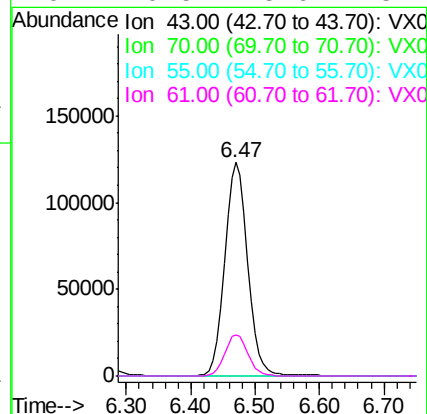
Ion Ratio Lower Upper

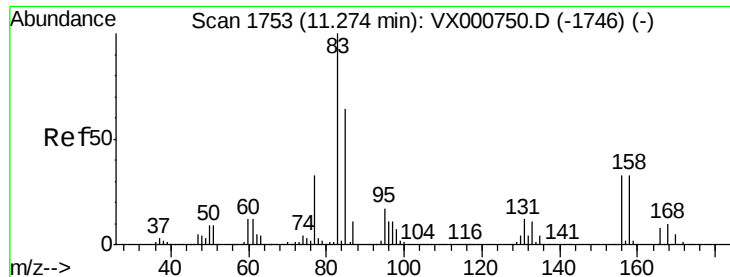
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 208092

Ion Ratio Lower Upper

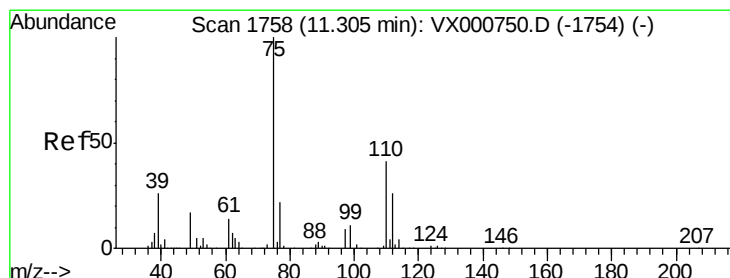
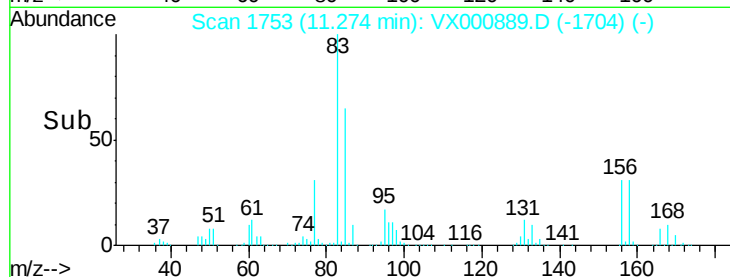
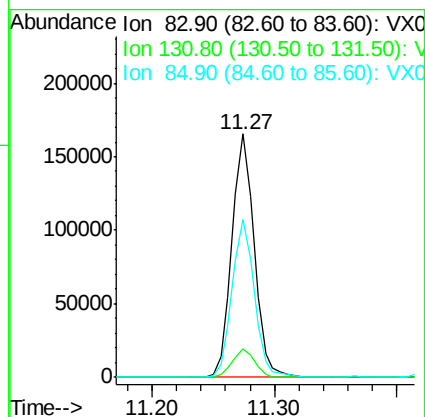
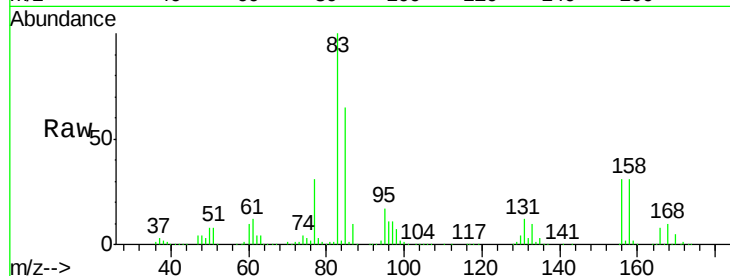
83 100

131 11.8 6.0 18.0

85 64.8 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.36 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000889.D

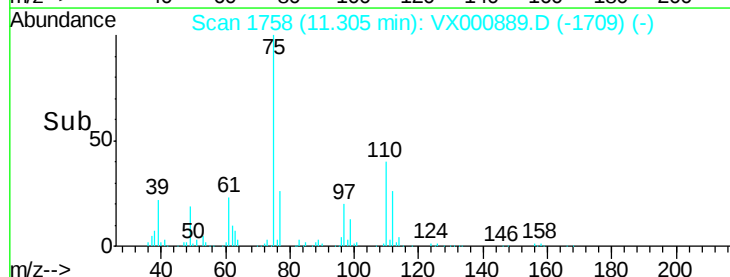
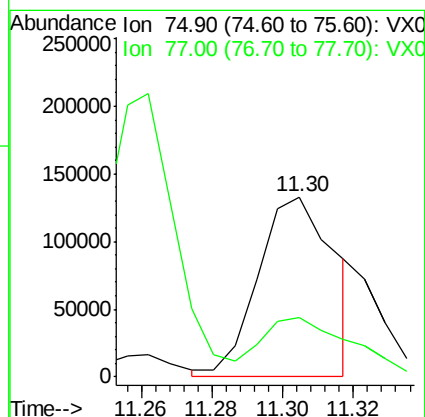
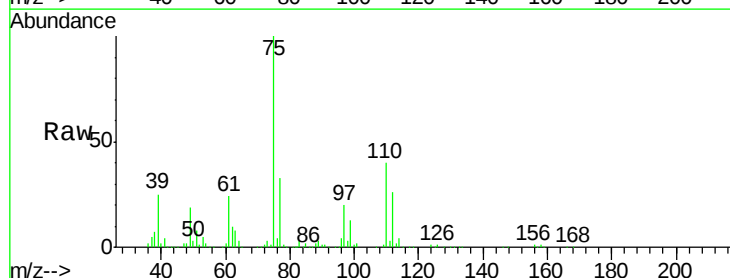
Acq: 15 Apr 2018 11:40

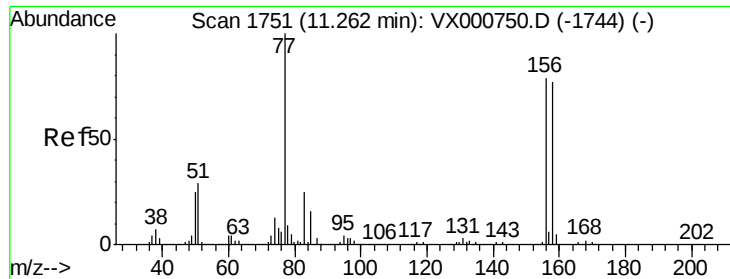
Tgt Ion: 75 Resp: 200255

Ion Ratio Lower Upper

75 100

77 38.7 20.5 61.5





#77

Bromobenzene

Concen: 49.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

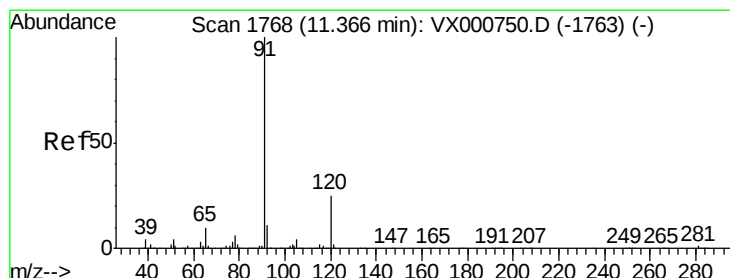
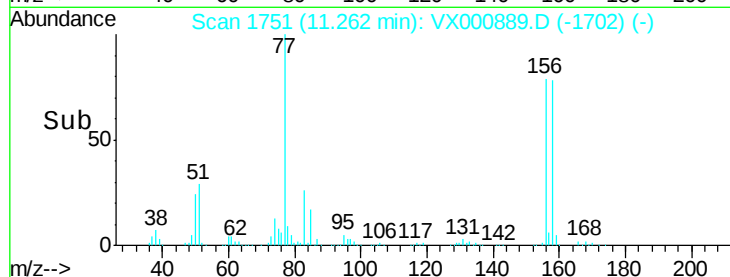
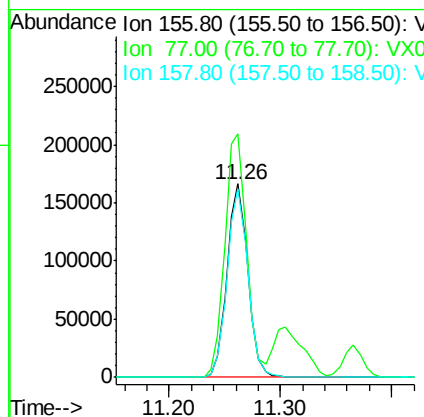
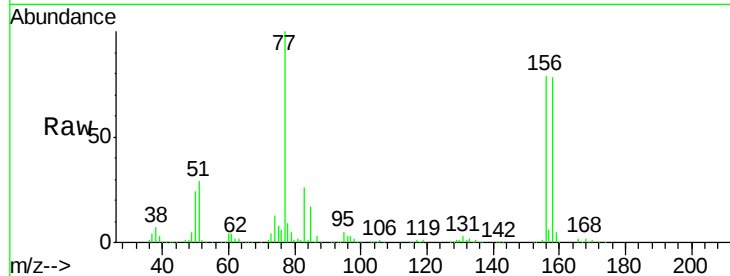
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.0	66.0	198.2
158	97.5	48.8	146.4

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#78

n-propylbenzene

Concen: 50.29 ug/l

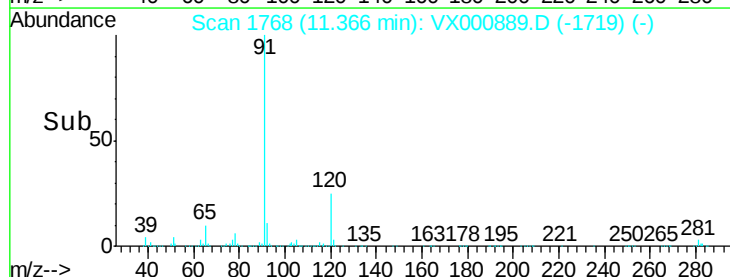
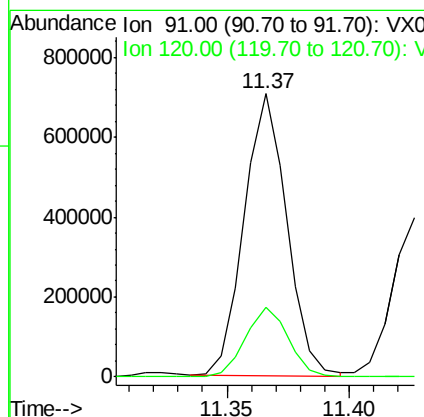
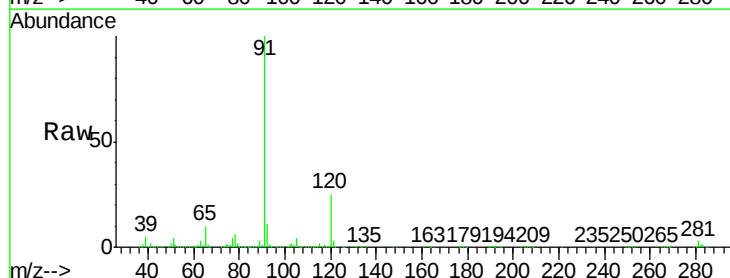
RT: 11.37 min Scan# 1768

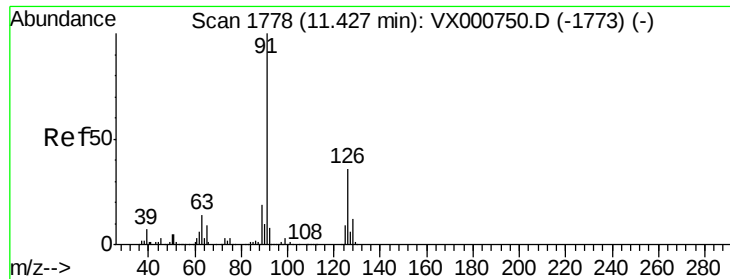
Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.6	37.6





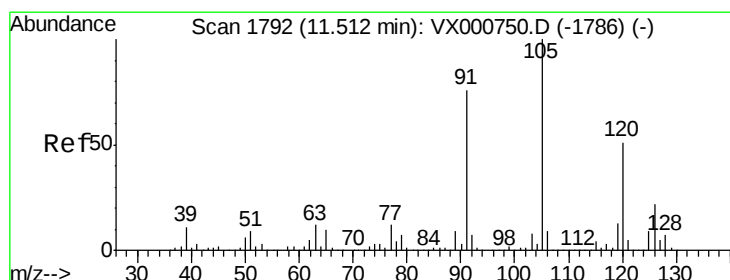
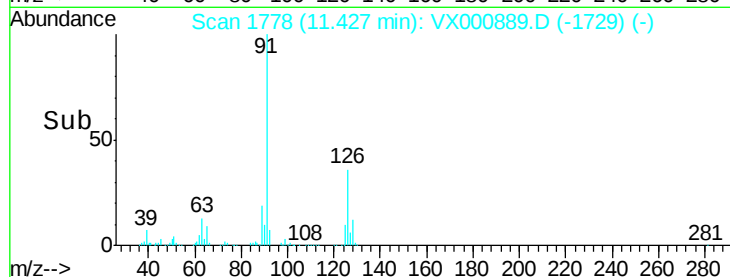
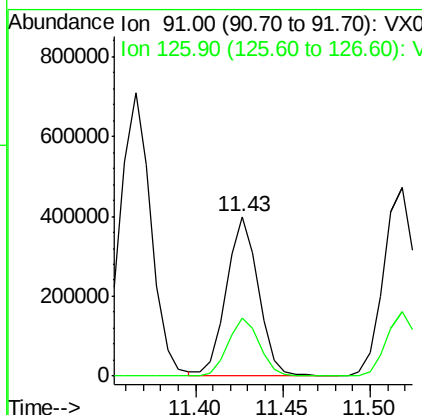
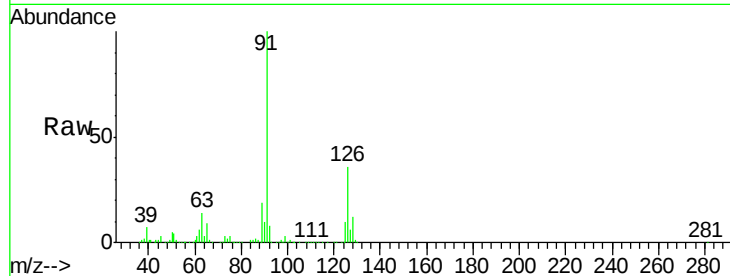
#79
 2-Chlorotoluene
 Concen: 49.84 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 502838
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.3 54.9

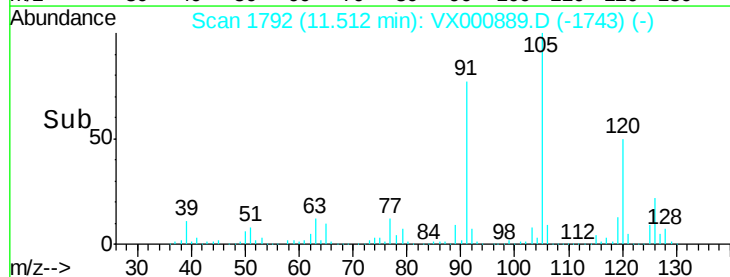
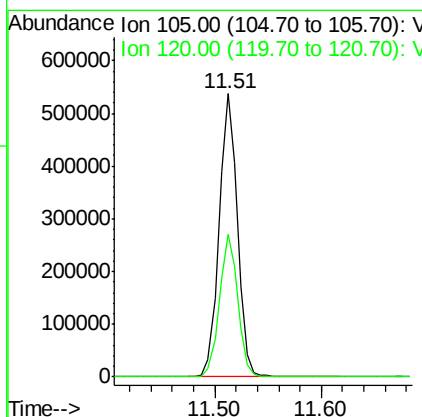
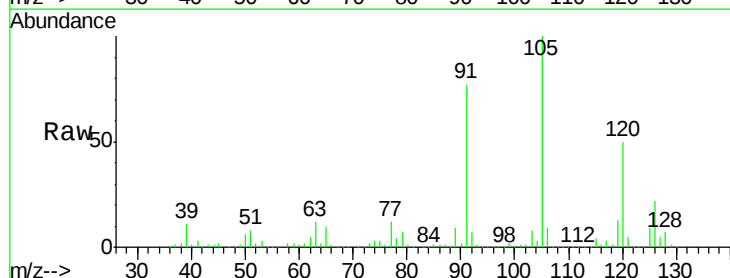
Manual Integrations
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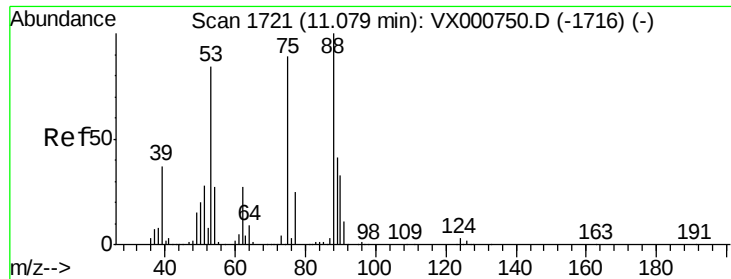
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.91 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 105 Resp: 640634
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.0 75.0





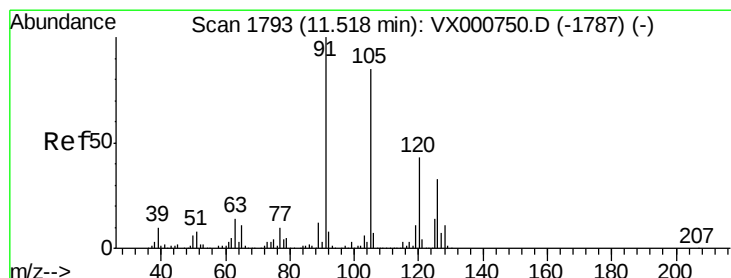
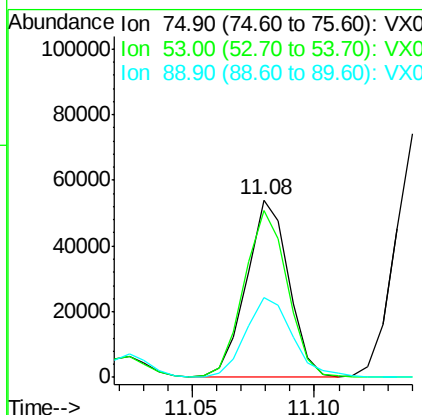
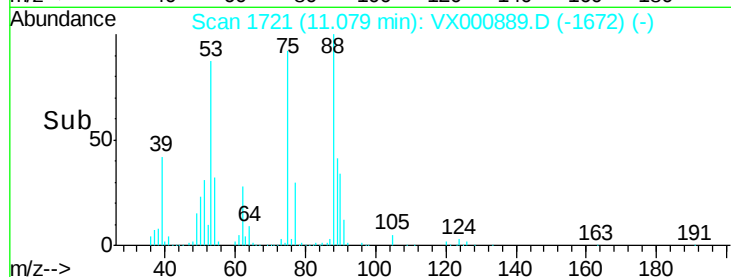
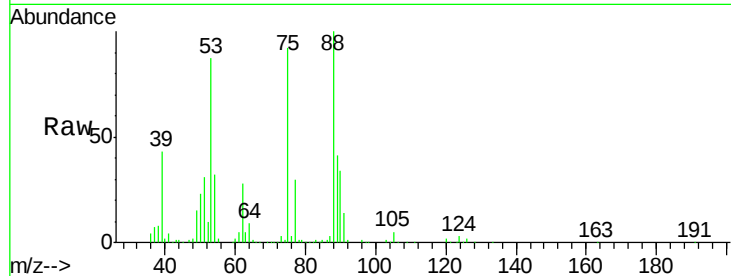
#81
trans-1,4-Dichloro-2-butene
Concen: 43.90 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	75.4	113.0
89	50.4	40.9	61.3

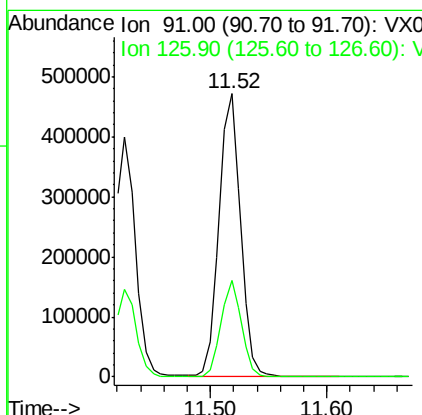
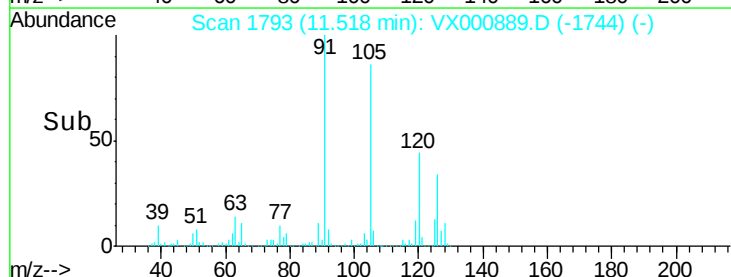
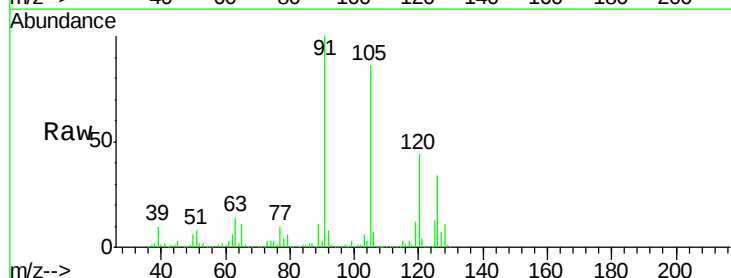
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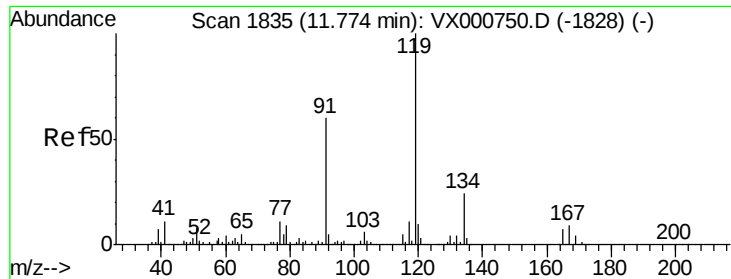
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#82
4-Chlorotoluene
Concen: 49.31 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 50.31 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

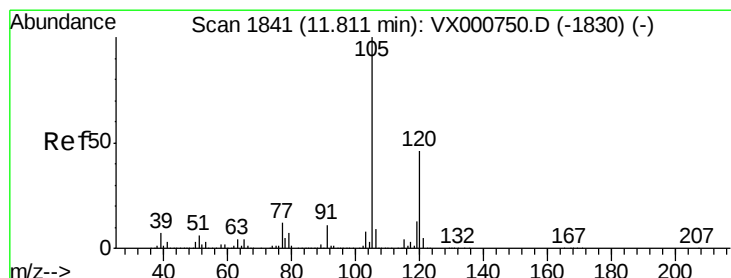
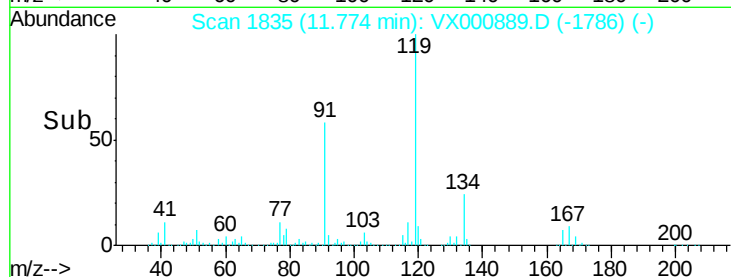
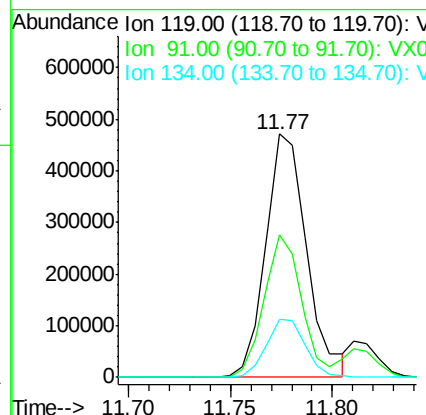
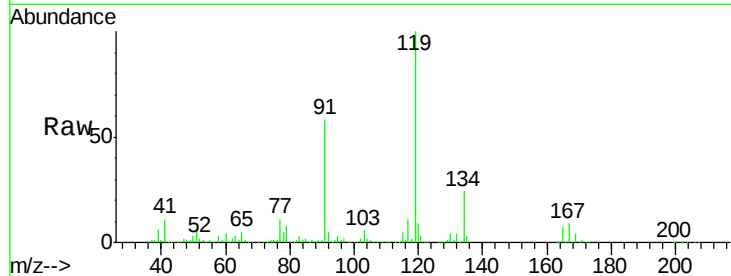
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	660557
Ion Ratio	Lower	Upper	
119	100		
91	53.4	26.8	80.3
134	23.0	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.77 ug/l

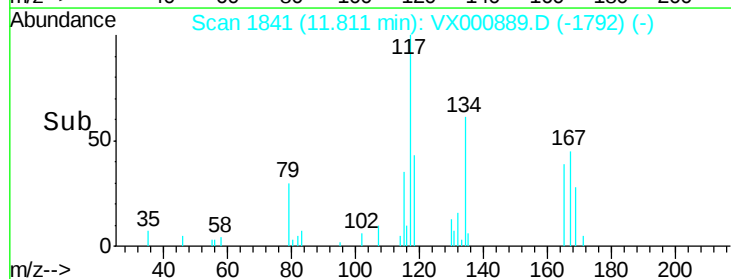
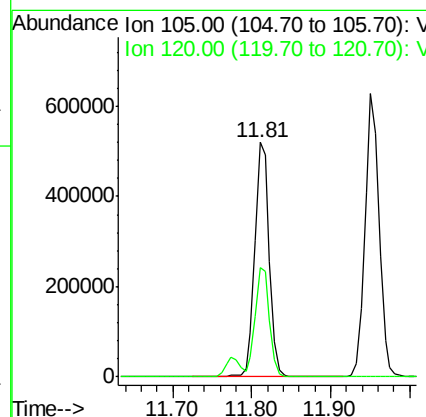
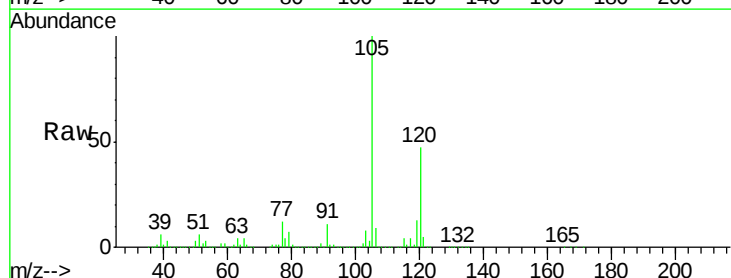
RT: 11.81 min Scan# 1841

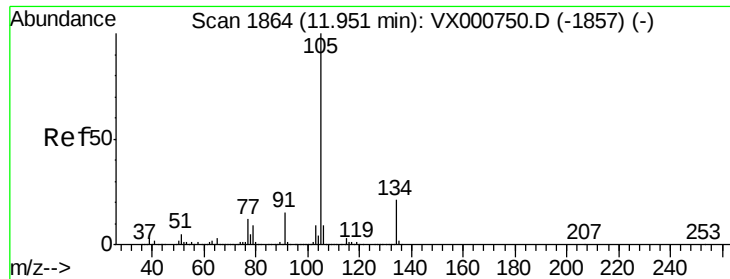
Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion:	105	Resp:	659424
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 784410

Ion Ratio Lower Upper

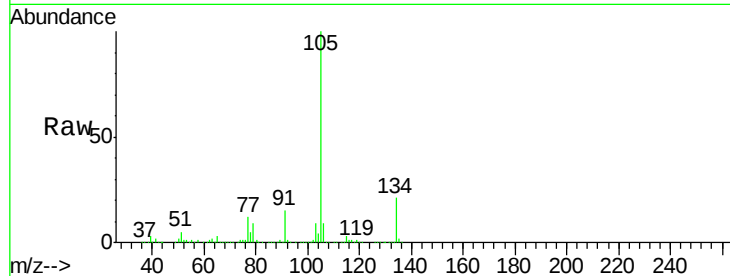
105 100

134 21.6 10.8 32.4

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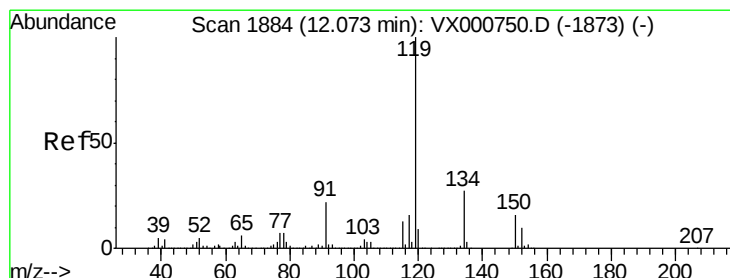
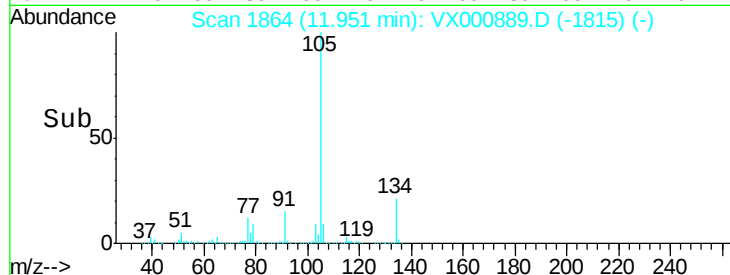
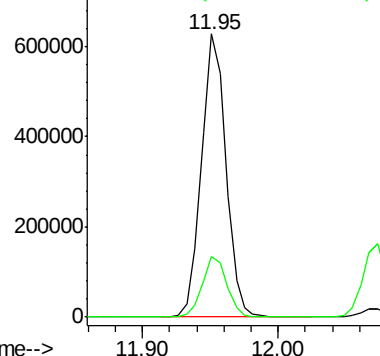
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.86 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

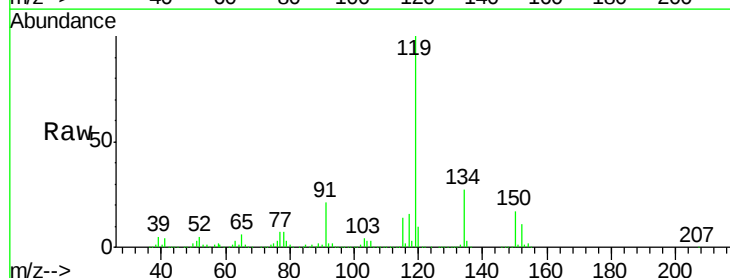
Tgt Ion:119 Resp: 734696

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

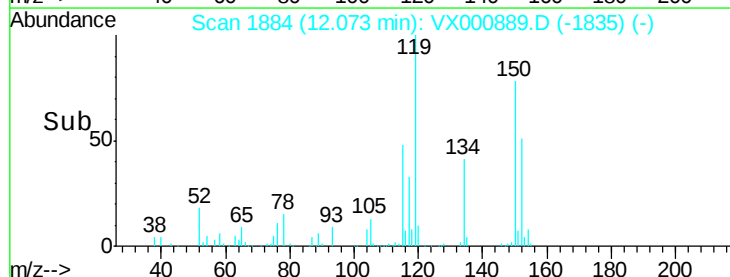
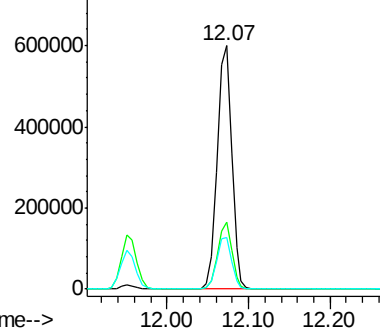
91 21.8 11.2 33.5

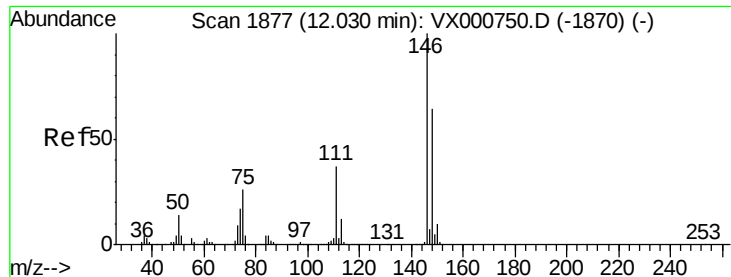


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





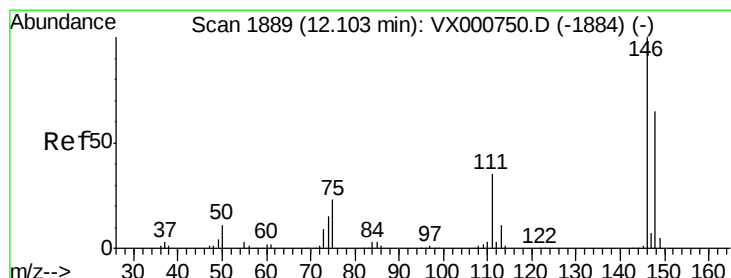
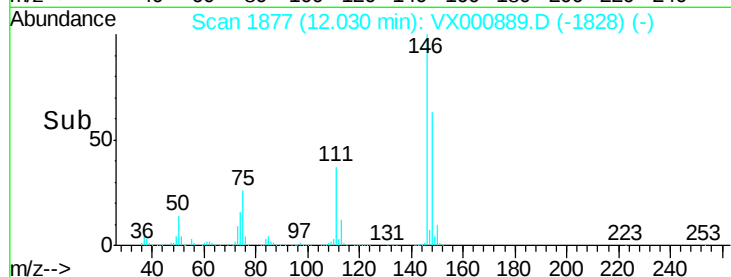
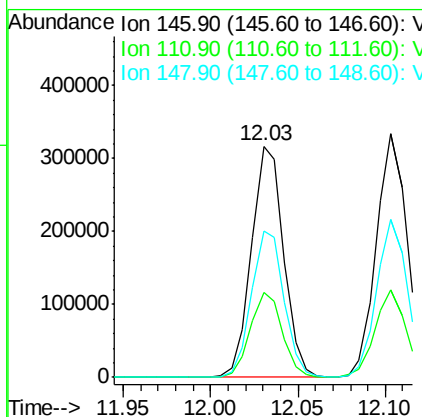
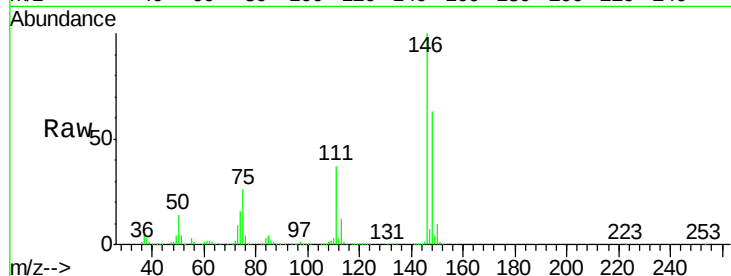
#87
 1,3-Dichlorobenzene
 Concen: 50.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	64.0	32.2	96.6

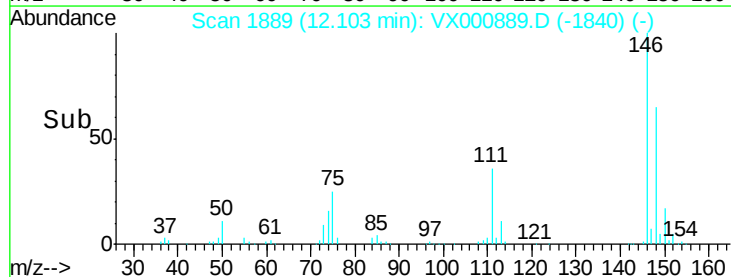
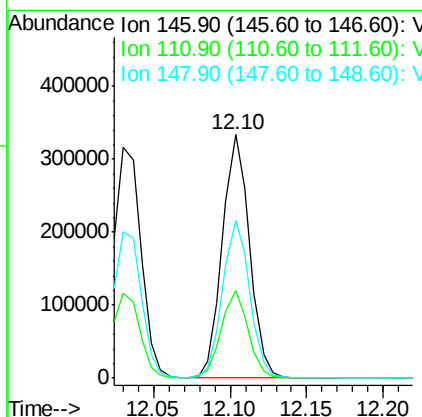
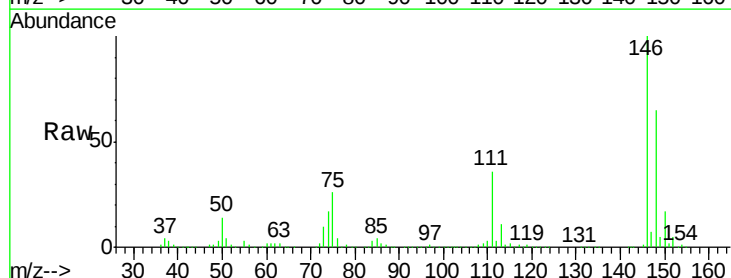
Manual Integrations
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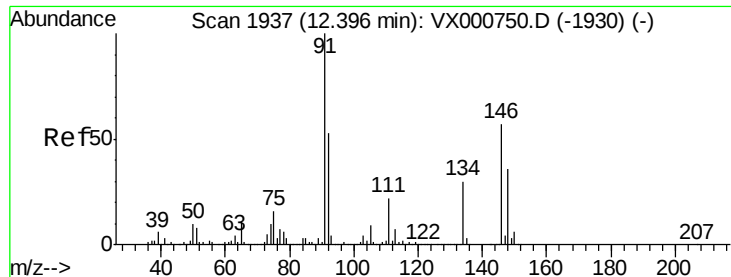
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#88
 1,4-Dichlorobenzene
 Concen: 49.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.8
148	64.7	32.6	97.7





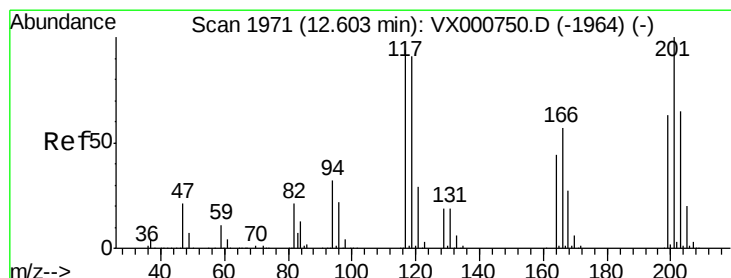
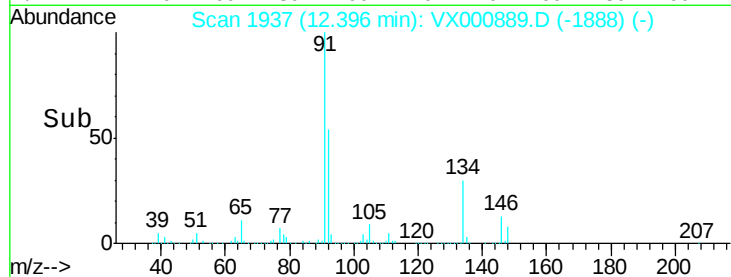
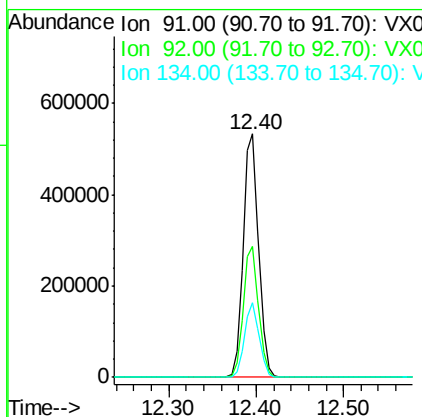
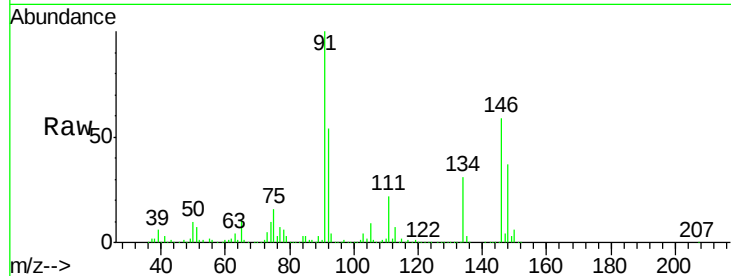
#89
n-Butylbenzene
Concen: 50.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.5	79.5	
134	29.1	14.5	43.5	

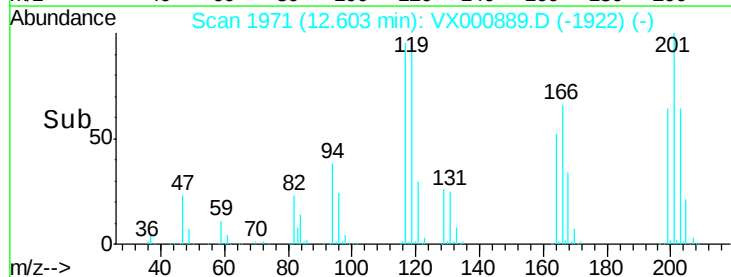
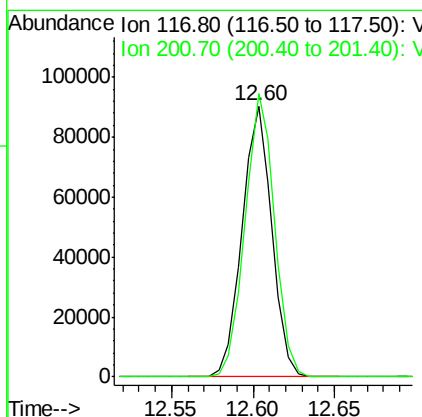
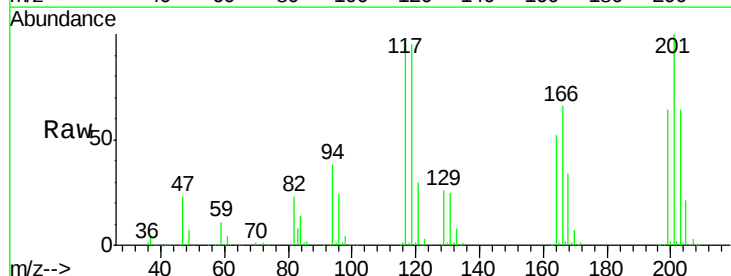
Manual Integrations
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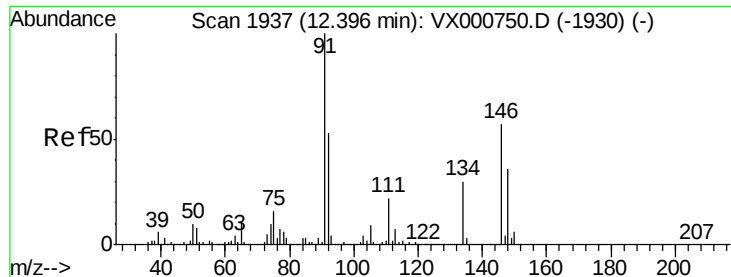
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#90
Hexachloroethane
Concen: 46.68 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	104.2	52.9	158.7	





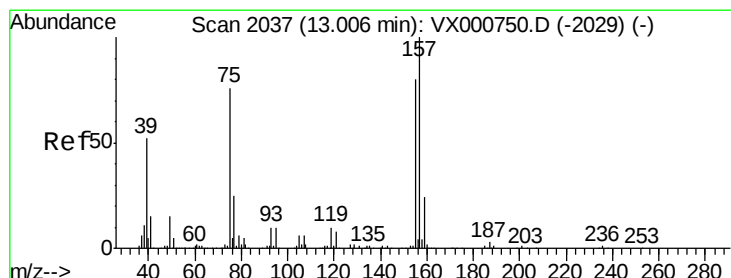
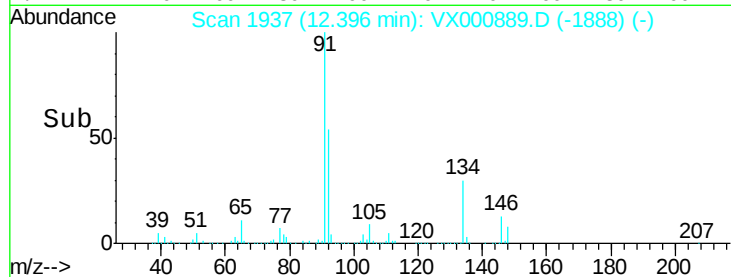
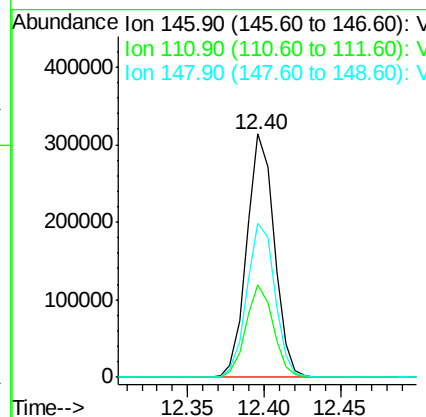
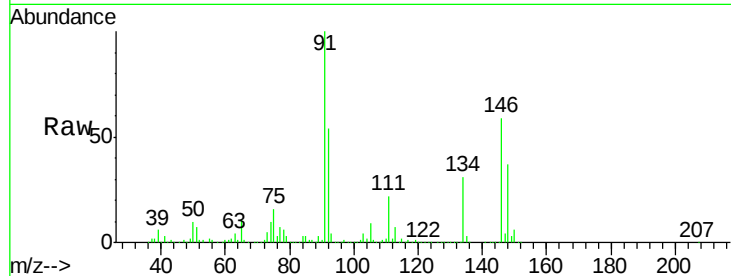
#91
 1,2-Dichlorobenzene
 Concen: 50.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.6	32.0	96.2

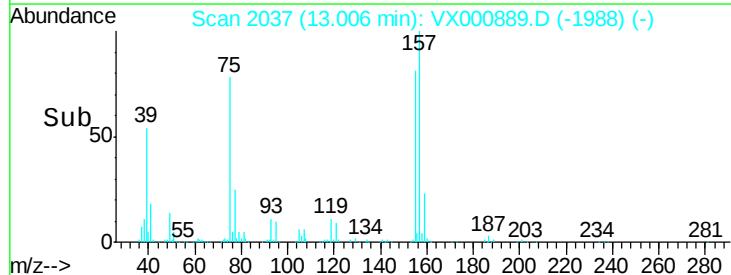
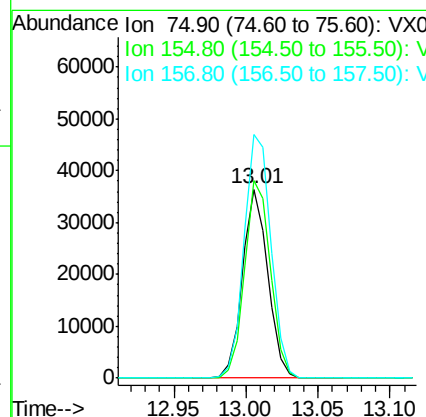
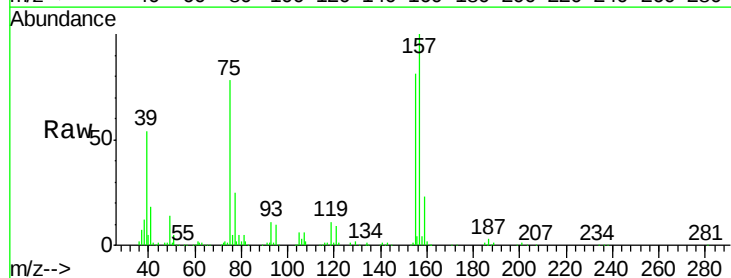
Manual Integrations
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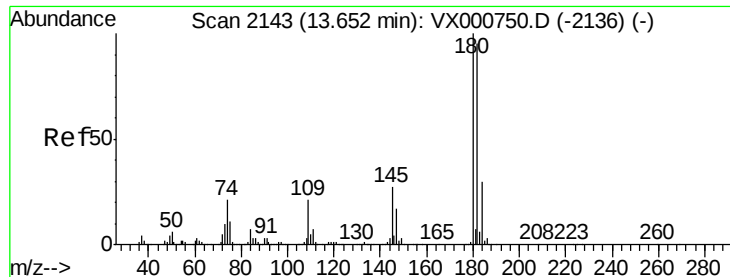
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.8	51.9	155.8
157	135.7	66.6	199.8





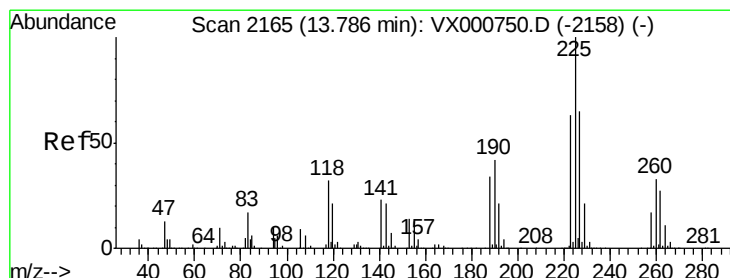
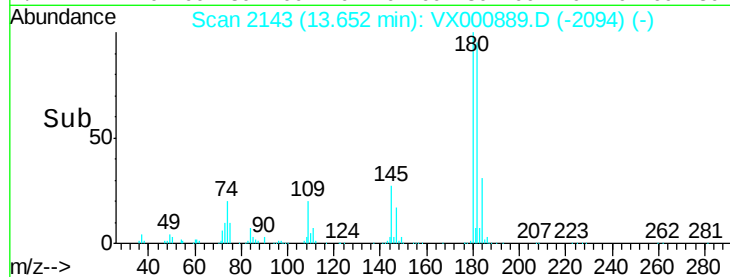
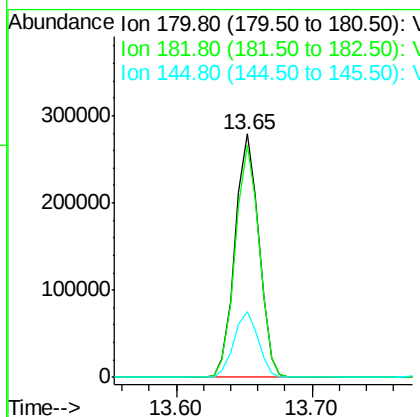
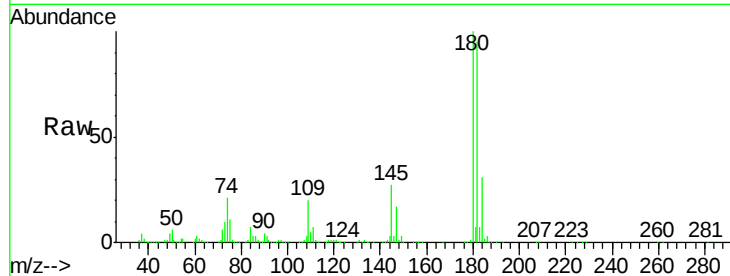
#93
 1,2,4-Trichlorobenzene
 Concen: 51.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	340442		
182	95.9	47.5	142.5	
145	27.4	13.8	41.4	

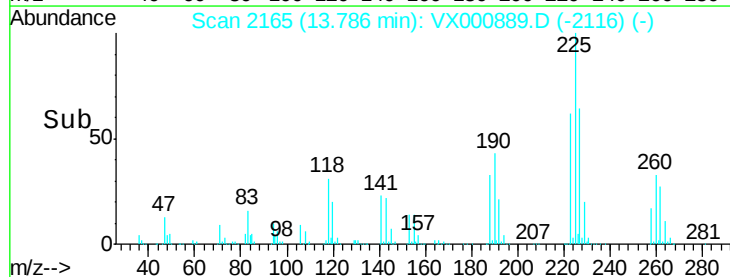
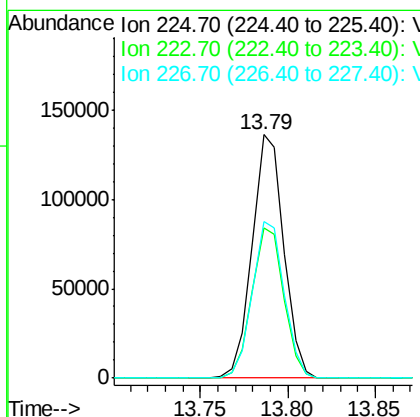
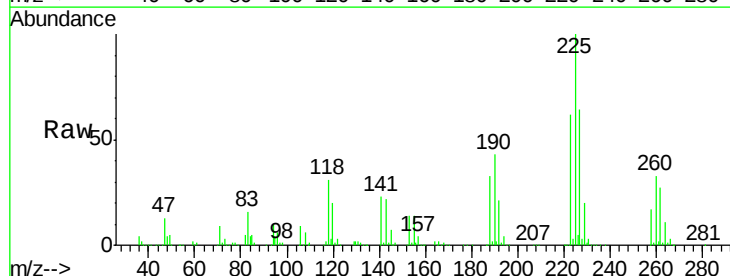
Manual Integrations
 APPROVED

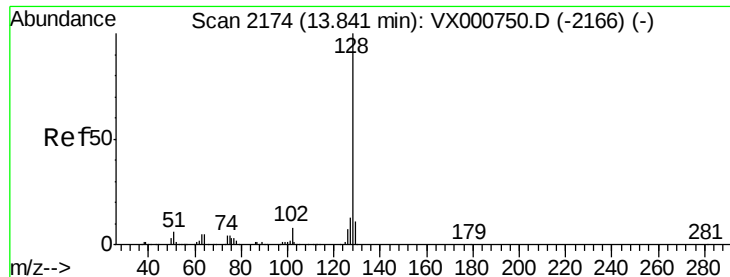
apatel
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#94
 Hexachlorobutadiene
 Concen: 52.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170520		
223	62.7	31.2	93.6	
227	64.8	32.3	96.9	





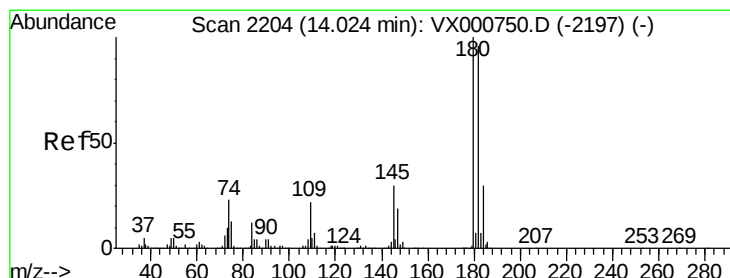
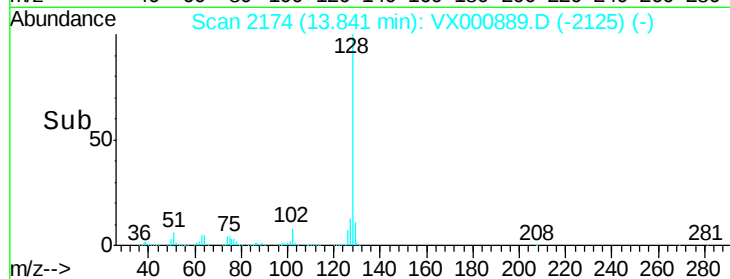
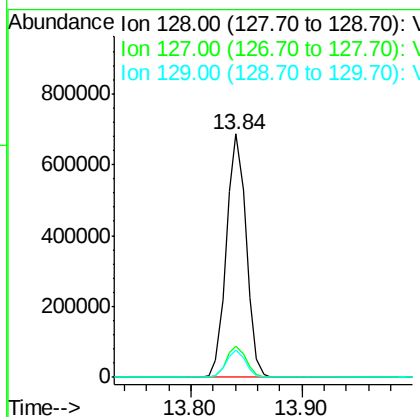
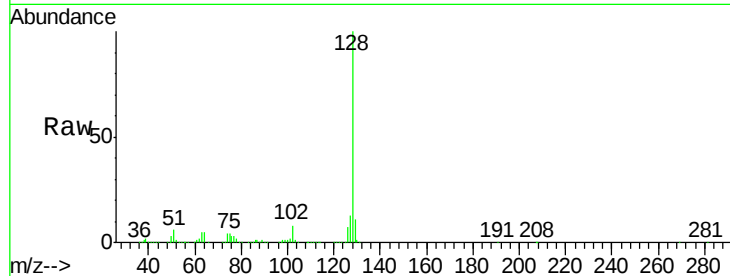
#95
Naphthalene
Concen: 49.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
4/16/2018 3:34:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.75 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.4	145.2
145	29.0	14.6	43.8

