

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002889.D
 Acq On : 26 Jun 2018 04:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:33 PM

Quant Time: Jun 27 08:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185889	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	149034	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.72	98	539432	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	207518	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114188	48.51	ug/l	100
3) Chloromethane	1.32	50	123849	50.70	ug/l	99
4) Vinyl Chloride	1.41	62	136014	45.63	ug/l	# 87
5) Bromomethane	1.64	94	40551	27.94	ug/l	100
6) Chloroethane	1.72	64	116928	67.61	ug/l	98
7) Trichlorofluoromethane	1.93	101	242354	48.20	ug/l	98
8) Diethyl Ether	2.19	74	88654	48.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134820	46.27	ug/l	99
10) Methyl Iodide	2.51	142	81372	30.34	ug/l	99
11) Tert butyl alcohol	3.08	59	181148	249.60	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123002	47.32	ug/l	96
13) Acrolein	2.29	56	82812	206.57	ug/l	99
14) Allyl chloride	2.73	41	242628	47.35	ug/l	98
15) Acrylonitrile	3.15	53	384758	248.20	ug/l	99
16) Acetone	2.45	43	360318	238.82	ug/l	99
17) Carbon Disulfide	2.57	76	345785	49.93	ug/l	99
18) Methyl Acetate	2.78	43	225681	53.50	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460403	49.27	ug/l	99
20) Methylene Chloride	2.86	84	138747	47.26	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	131867	46.57	ug/l	97
22) Diisopropyl ether	3.88	45	489887	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	2037676	245.68	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260148	48.87	ug/l	99
25) 2-Butanone	4.71	43	559966	250.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152044	35.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	152312	47.98	ug/l	94
28) Bromochloromethane	5.03	49	132094	51.84	ug/l	95
29) Tetrahydrofuran	5.17	42	358314	249.54	ug/l	97
30) Chloroform	5.22	83	273793	50.11	ug/l	97
31) Cyclohexane	5.58	56	219599	48.06	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	243204	50.59	ug/l	100
36) 1,1-Dichloropropene	5.80	75	192444	47.17	ug/l	99
37) Ethyl Acetate	4.87	43	218984	49.85	ug/l	100
38) Carbon Tetrachloride	5.79	117	218002	48.69	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	221879	46.69	ug/l	97
40) Benzene	6.15	78	568766	47.98	ug/l	99
41) Methacrylonitrile	5.07	41	124307	49.14	ug/l	98
42) 1,2-Dichloroethane	6.20	62	227437	47.50	ug/l	100
43) Isopropyl Acetate	6.47	43	360503	48.93	ug/l	99
44) Trichloroethene	7.21	130	168020	47.54	ug/l	99
45) 1,2-Dichloropropane	7.52	63	153526	48.82	ug/l	99
46) Dibromomethane	7.67	93	105801	48.48	ug/l	98
47) Bromodichloromethane	7.90	83	208164	51.60	ug/l	97
48) Methyl methacrylate	7.78	41	191026	50.32	ug/l	98
49) 1,4-Dioxane	7.76	88	70196	950.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1180366	256.08	ug/l	99
52) Toluene	8.79	92	371433	48.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	224686	49.18	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	208265	47.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154674	49.57	ug/l	98
56) Ethyl methacrylate	9.18	69	232389	50.95	ug/l	97
57) 1,3-Dichloropropane	9.38	76	252358	49.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	552221	250.98	ug/l	99
59) 2-Hexanone	9.50	43	905195	258.39	ug/l	98
60) Dibromochloromethane	9.59	129	173290	52.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163949	50.09	ug/l	100
64) Tetrachloroethene	9.34	164	177353	44.23	ug/l	97
65) Chlorobenzene	10.14	112	429733	46.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163644	49.19	ug/l	99
67) Ethyl Benzene	10.26	91	740120	48.92	ug/l	99
68) m/p-Xylenes	10.36	106	574567	98.54	ug/l	100
69) o-Xylene	10.70	106	280106	49.34	ug/l	99
70) Styrene	10.71	104	459325	49.79	ug/l	99
71) Bromoform	10.86	173	138562	46.40	ug/l	100
73) Isopropylbenzene	11.02	105	765764	49.20	ug/l	100
74) N-amyl acetate	6.47	43	360503	47.34	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242625	50.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227596m	54.31	ug/l	
77) Bromobenzene	11.26	156	211531	47.72	ug/l	98
78) n-propylbenzene	11.37	91	875434	49.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	520902	48.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	651329	49.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51202	36.43	ug/l	97
82) 4-Chlorotoluene	11.51	91	614394	48.38	ug/l	99
83) tert-Butylbenzene	11.77	119	653087	50.55	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	668074	49.18	ug/l	99
85) sec-Butylbenzene	11.95	105	768116	49.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	697601	49.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385656	47.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394047	47.30	ug/l	99
89) n-Butylbenzene	12.39	91	592557	48.31	ug/l	100
90) Hexachloroethane	12.60	117	97753	46.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	389091	47.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54213	50.30	ug/l	97

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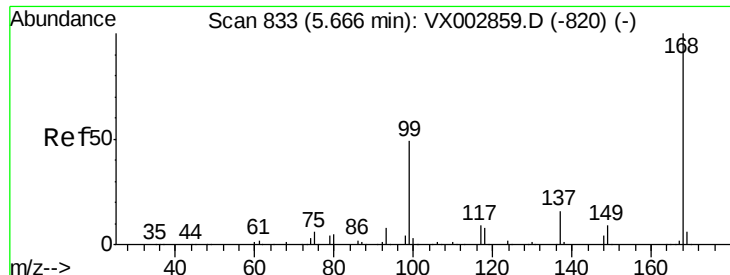
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286405	48.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	138433	46.67	ug/l	100
95) Naphthalene	13.83	128	813447	51.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292684	49.28	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263580

Ion Ratio Lower Upper

168 100

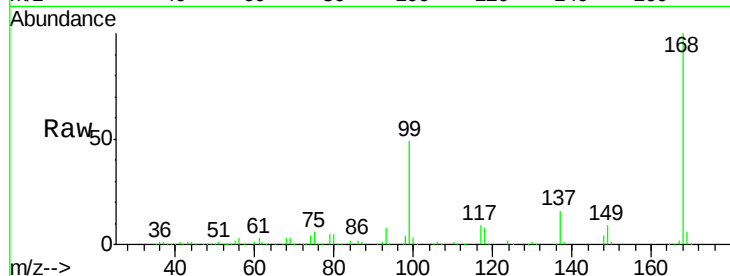
99 49.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

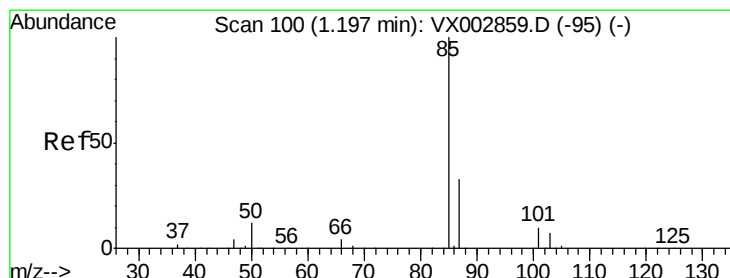
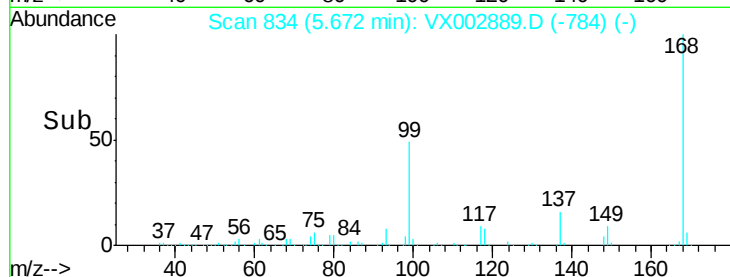
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002889.D

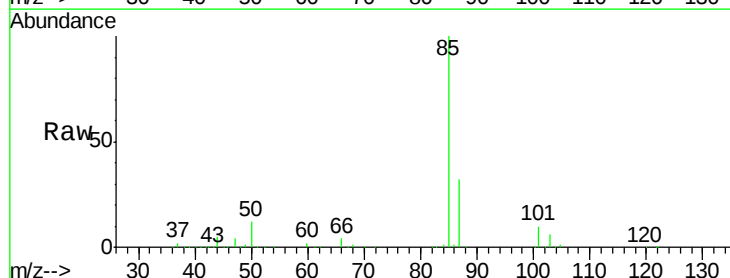
Acq: 26 Jun 2018 04:45

Tgt Ion: 85 Resp: 114188

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

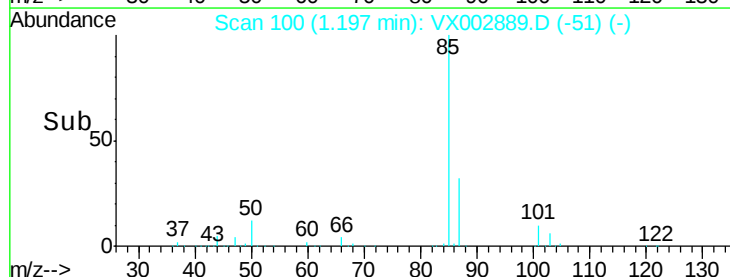
1.20

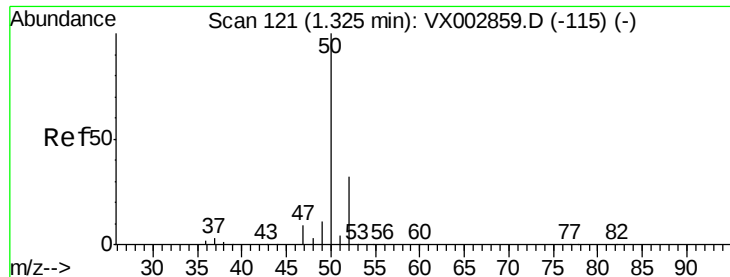
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 50.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 123849

Ion Ratio Lower Upper

50 100

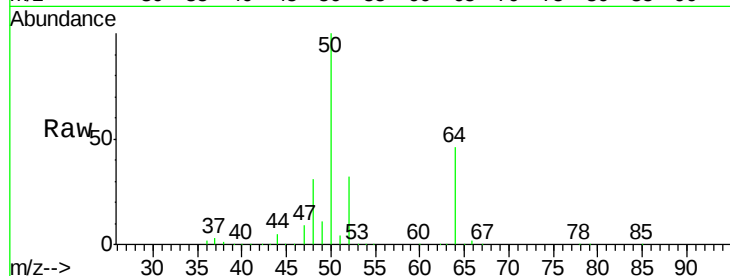
52 31.8 25.7 38.5

Manual Integrations

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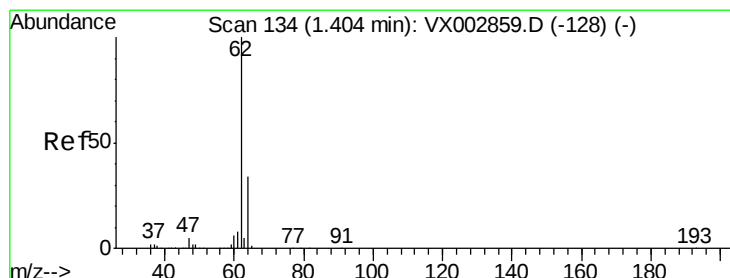
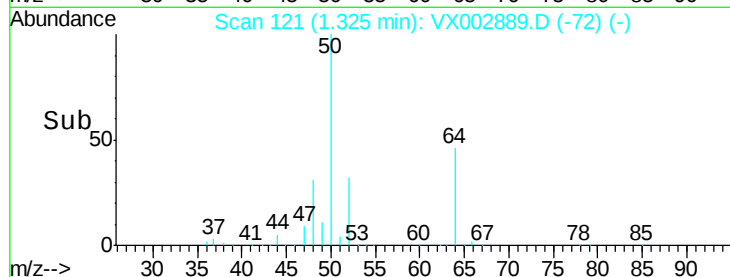
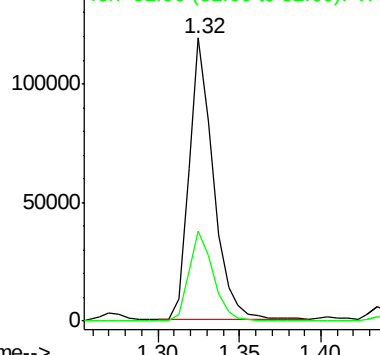
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.63 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002889.D

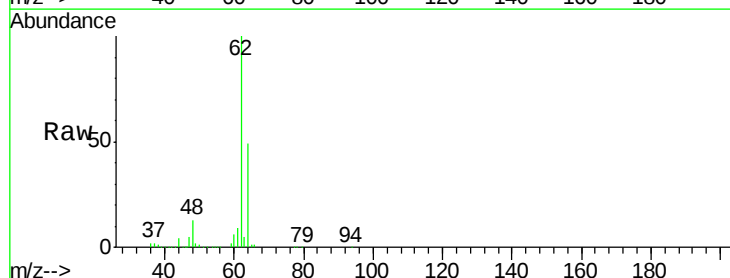
Acq: 26 Jun 2018 04:45

Tgt Ion: 62 Resp: 136014

Ion Ratio Lower Upper

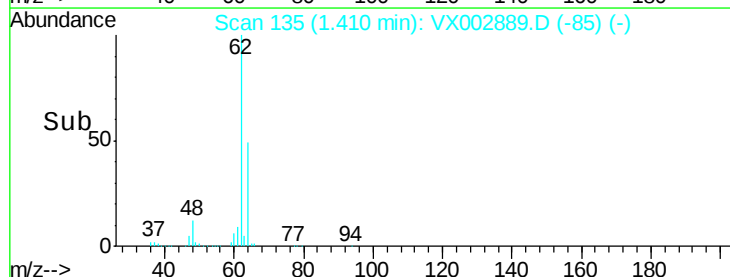
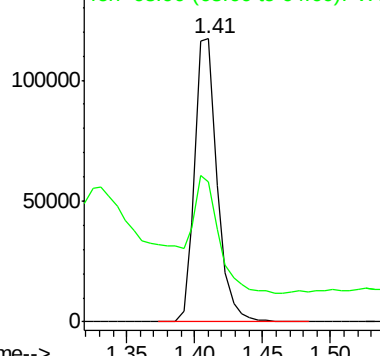
62 100

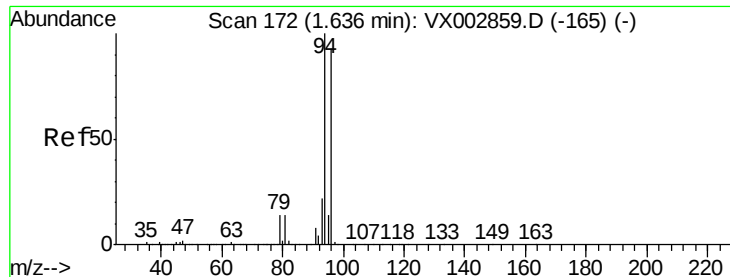
64 38.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.94 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 40551

Ion Ratio Lower Upper

94 100

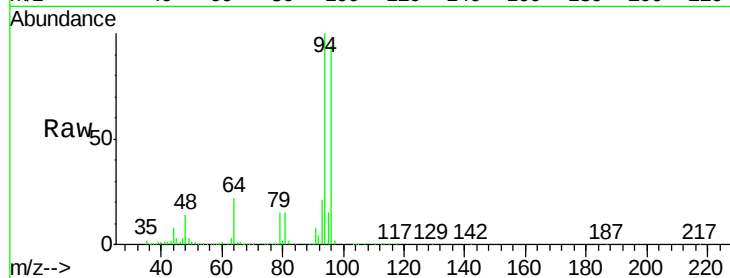
96 94.1 74.9 112.3

Manual Integrations

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6/28/2018 2:26:33 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

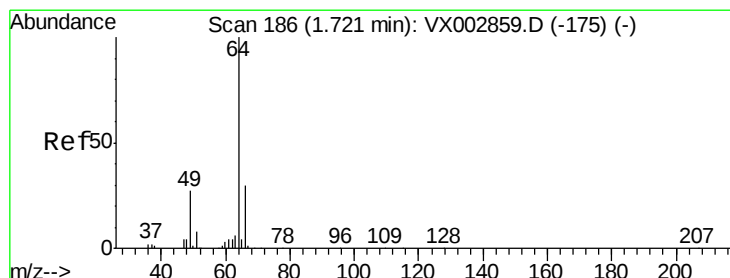
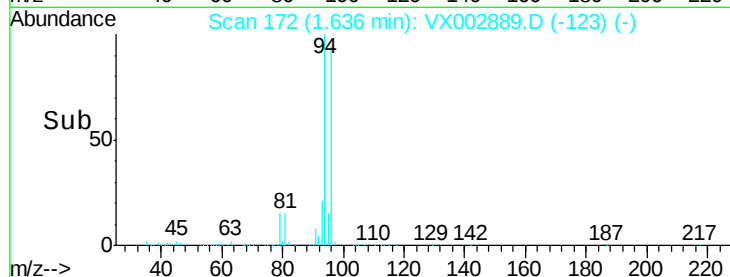
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 67.61 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002889.D

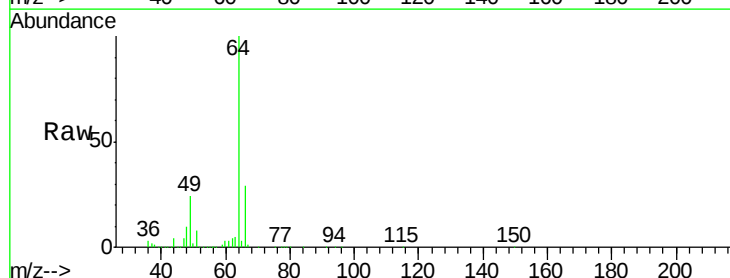
Acq: 26 Jun 2018 04:45

Tgt Ion: 64 Resp: 116928

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

60000

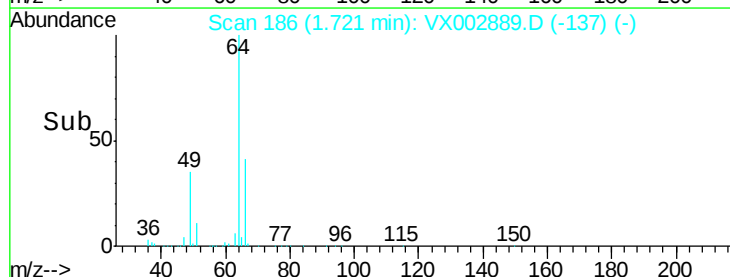
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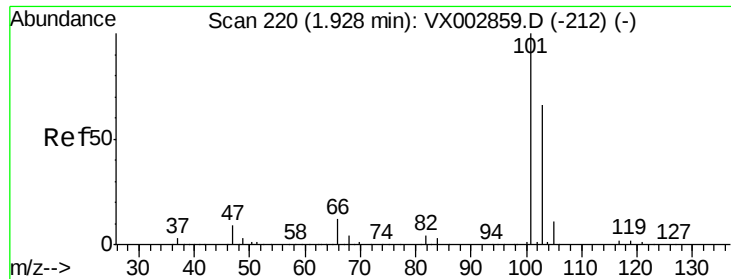
20000

0

Time-->

1.60 1.70 1.80 1.90





#7

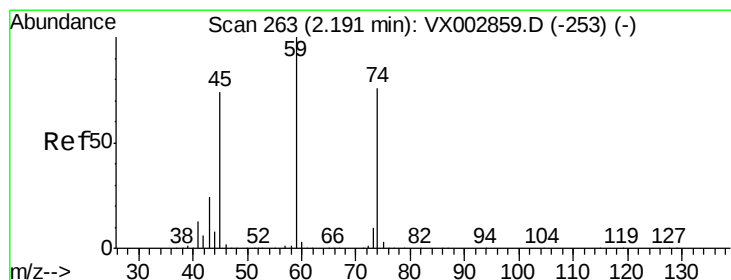
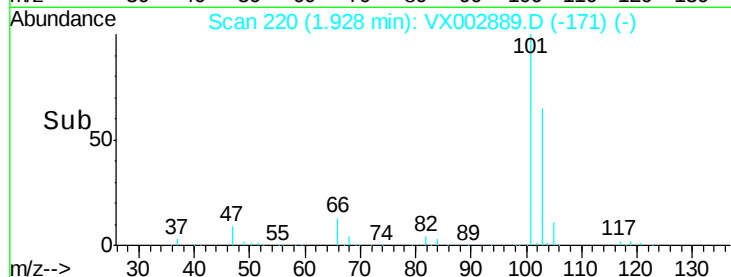
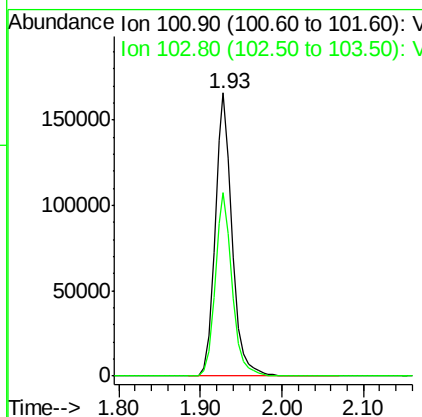
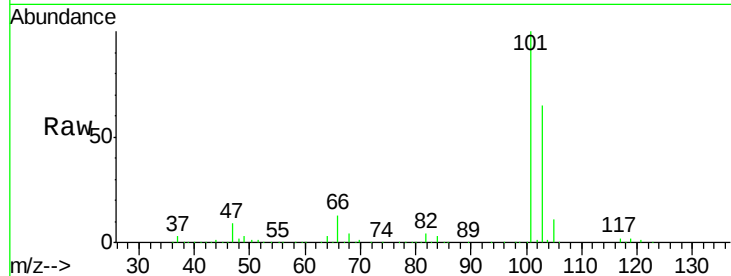
Trichlorofluoromethane
 Concen: 48.20 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.8	79.2

Manual Integrations
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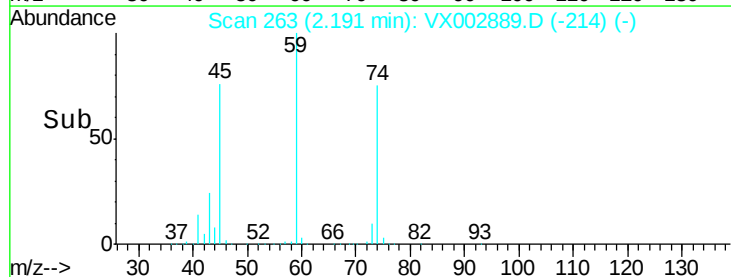
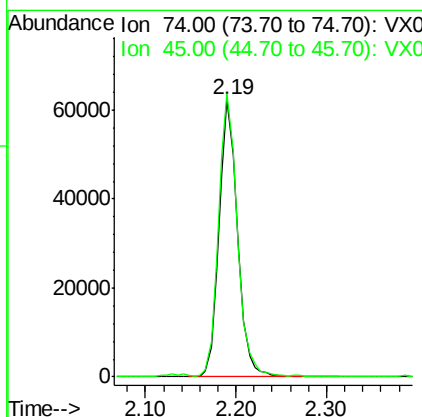
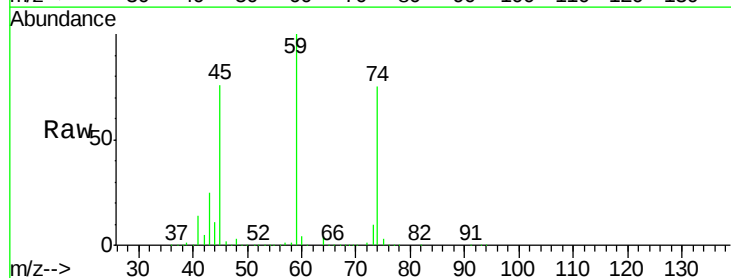
MMDadoda
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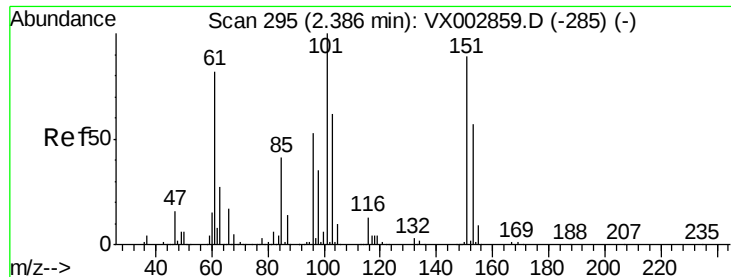


#8

Diethyl Ether
 Concen: 48.50 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.27 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

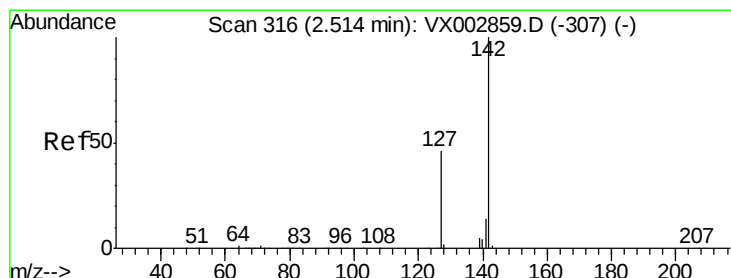
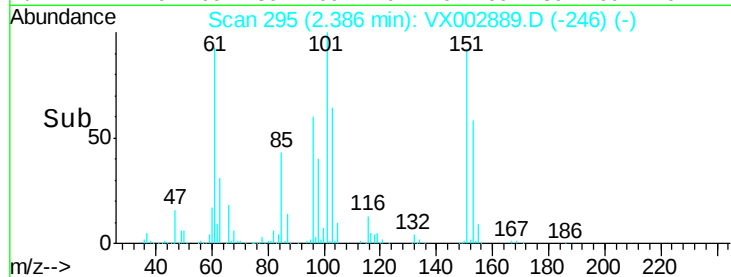
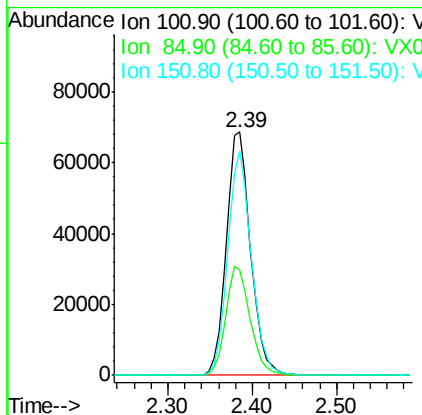
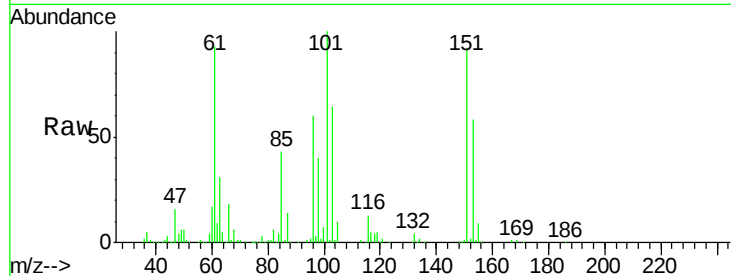
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	134820
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	90.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 30.34 ug/l

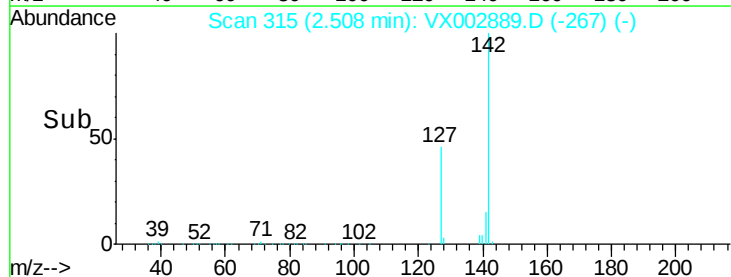
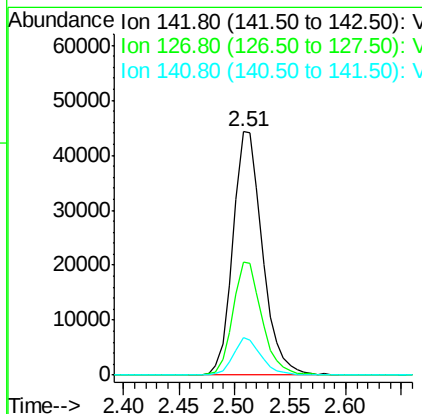
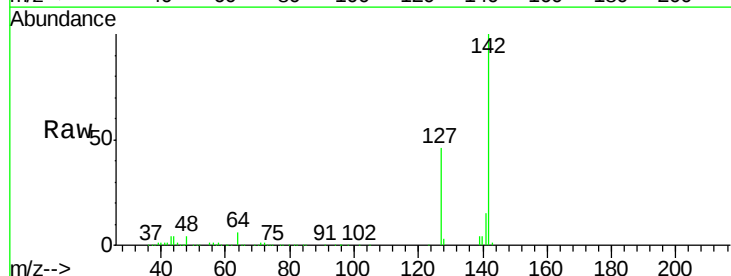
RT: 2.51 min Scan# 315

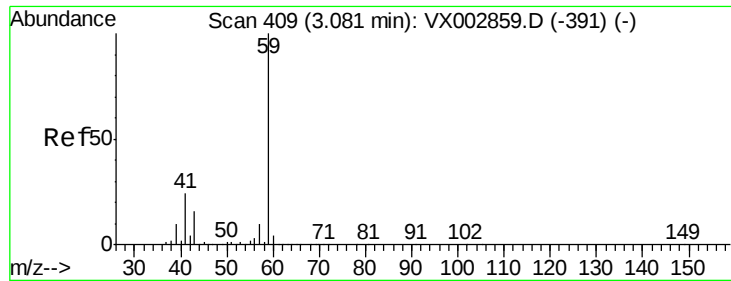
Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	142	Resp:	81372
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.6	55.0
141	14.5	11.3	16.9





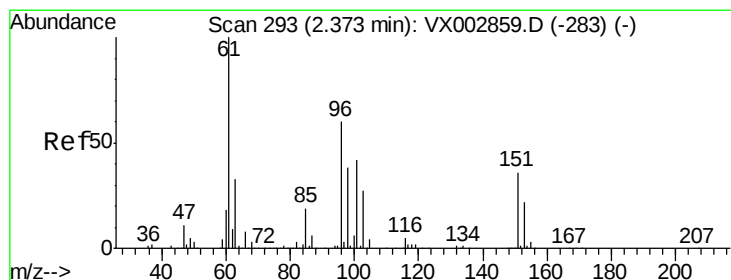
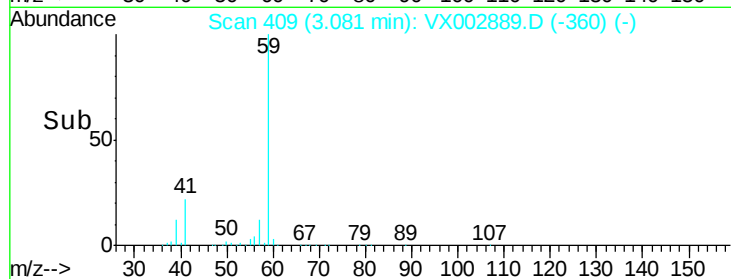
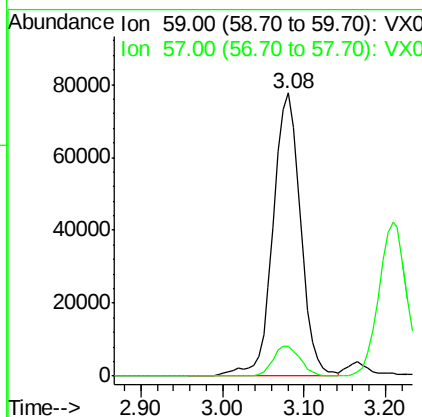
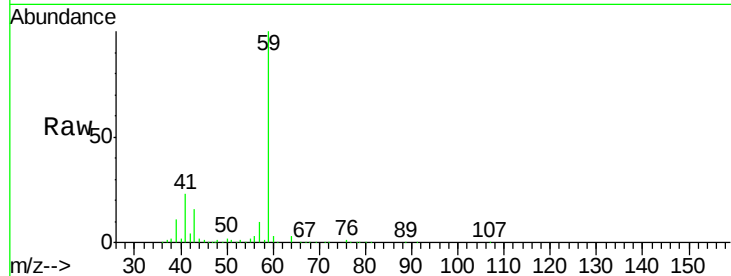
#11
Tert butyl alcohol
Concen: 249.60 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	181148
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.2

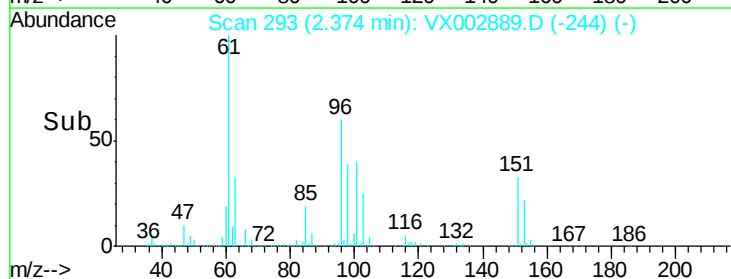
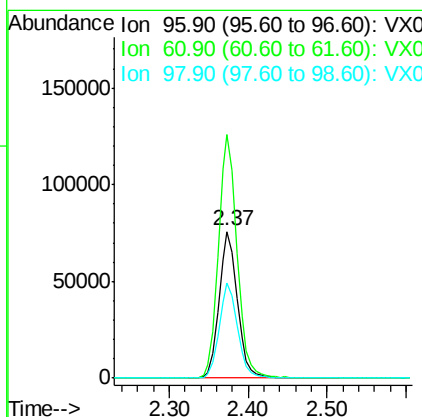
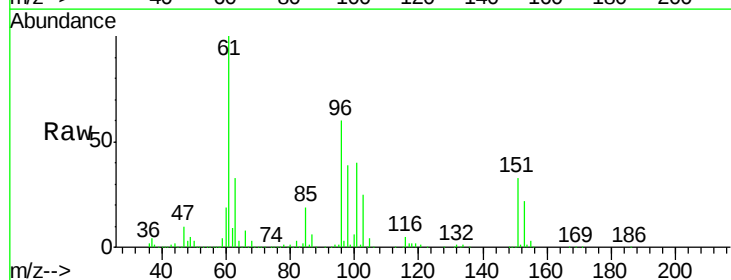
Manual Integrations
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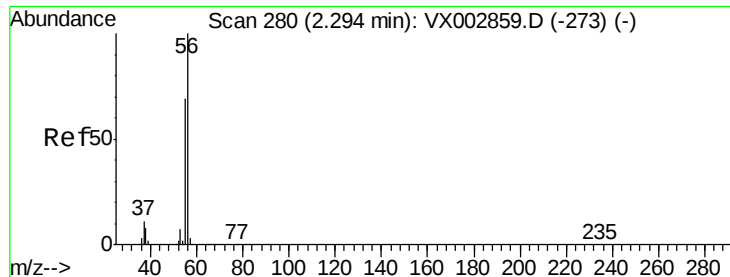
MMDadoda
6/28/2018 2:26:33 PM



#12
1,1-Dichloroethene
Concen: 47.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	96	Resp	123002
Ion Ratio	100	Lower	Upper
61	165.8	137.9	206.9
98	65.0	51.6	77.4





#13

Acrolein

Concen: 206.57 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82812

Ion Ratio Lower Upper

56 100

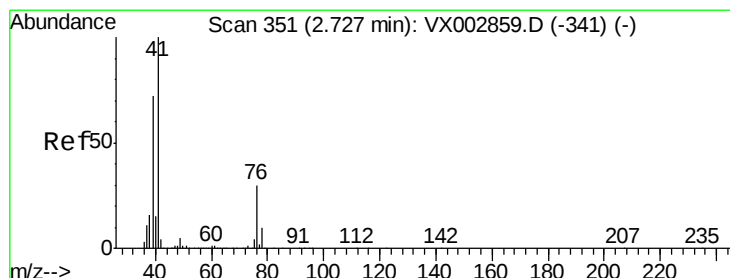
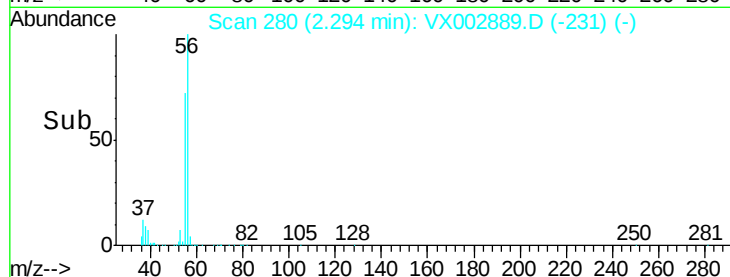
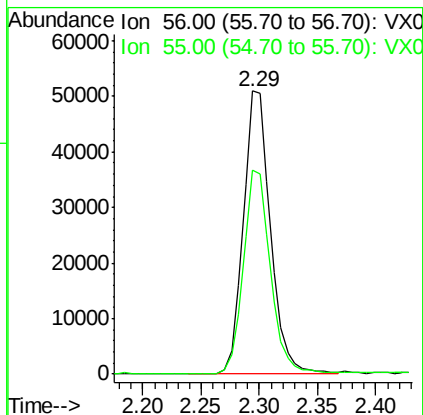
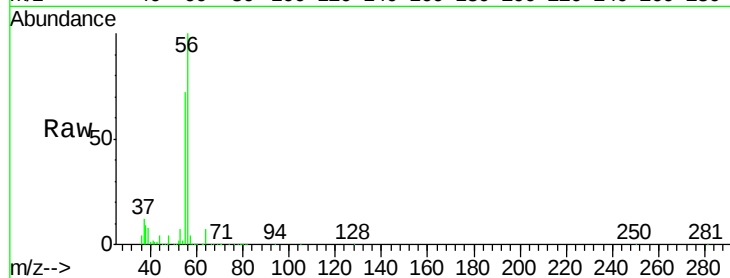
55 71.7 57.0 85.4

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 47.35 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

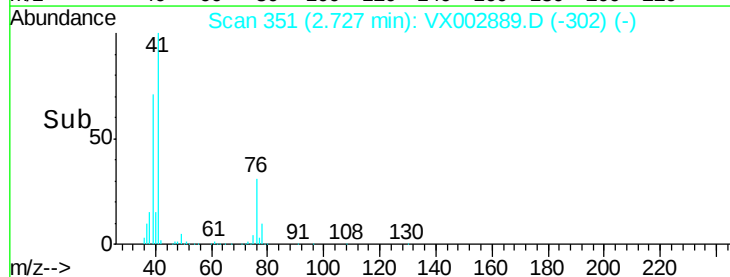
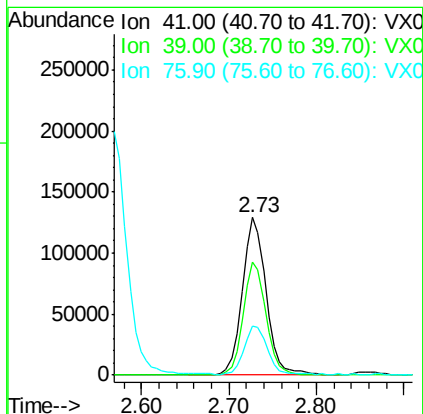
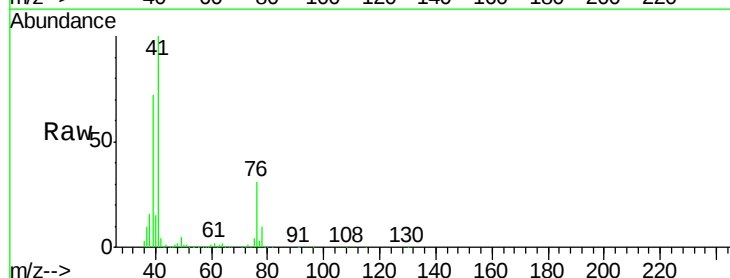
Tgt Ion: 41 Resp: 242628

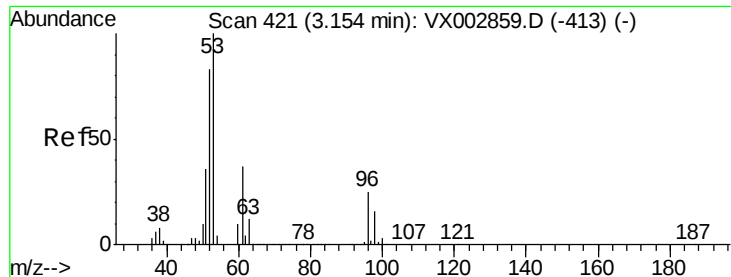
Ion Ratio Lower Upper

41 100

39 68.6 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 248.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

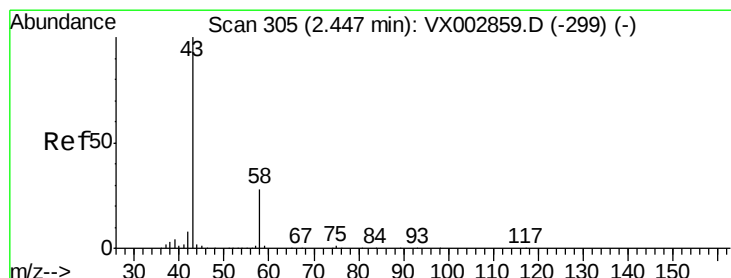
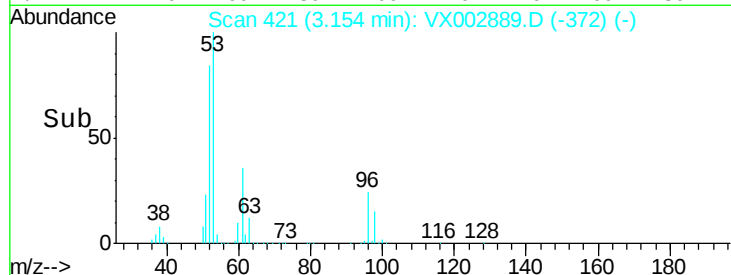
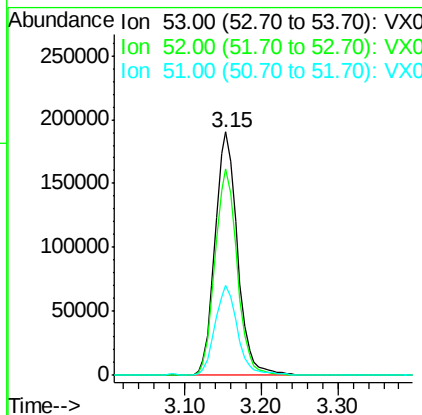
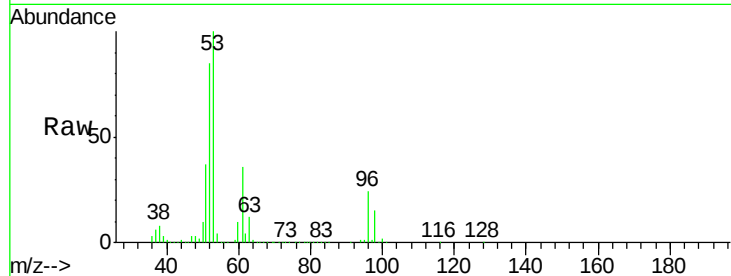
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	384758
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 238.82 ug/l

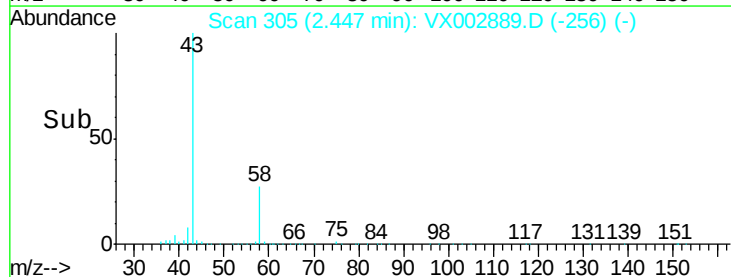
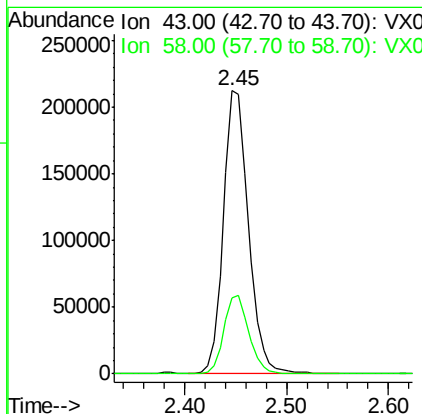
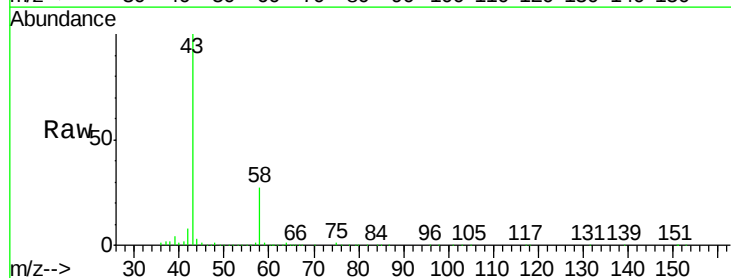
RT: 2.45 min Scan# 305

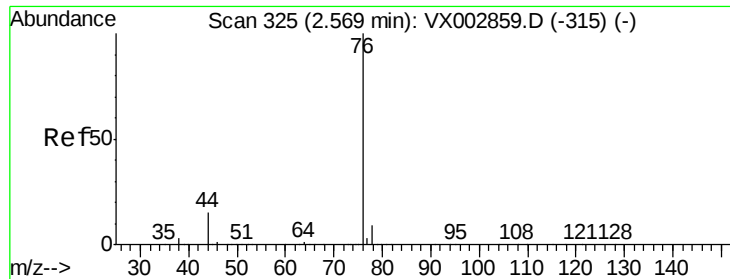
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	43	Resp:	360318
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1





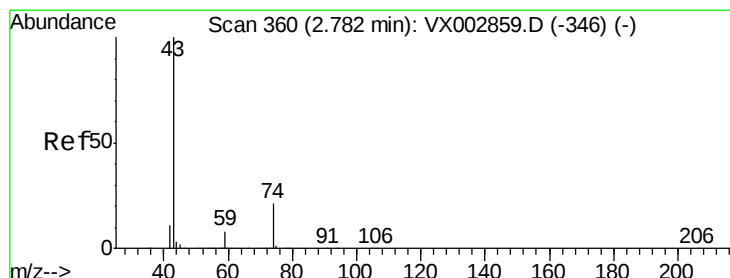
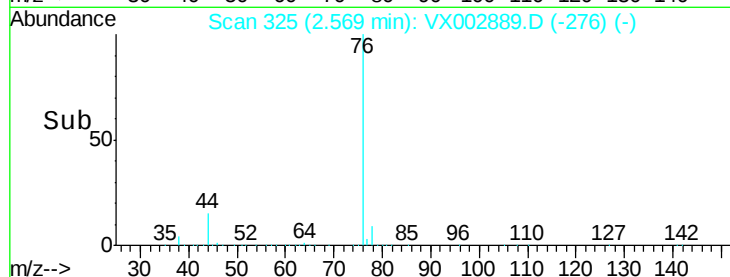
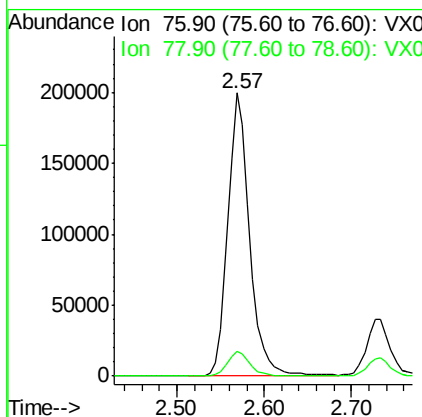
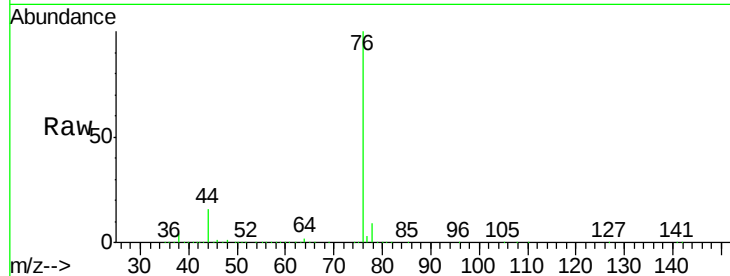
#17
Carbon Disulfide
Concen: 49.93 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

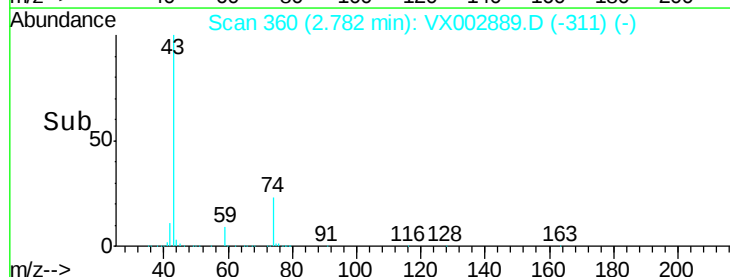
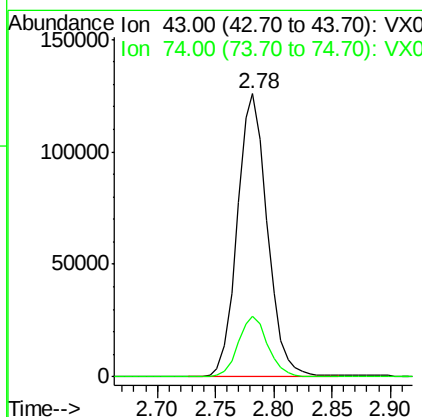
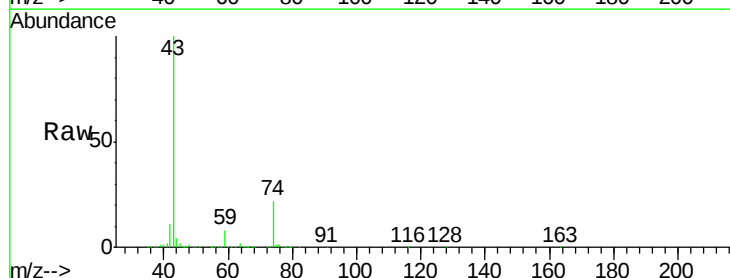
Manual Integrations
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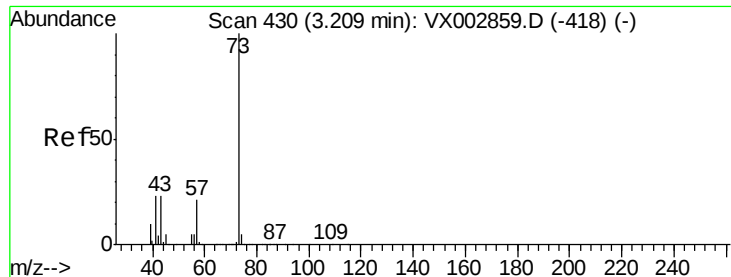
MMDadoda
6/28/2018 2:26:33 PM



#18
Methyl Acetate
Concen: 53.50 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1





#19

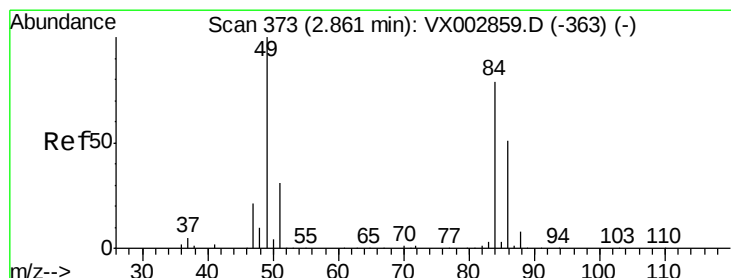
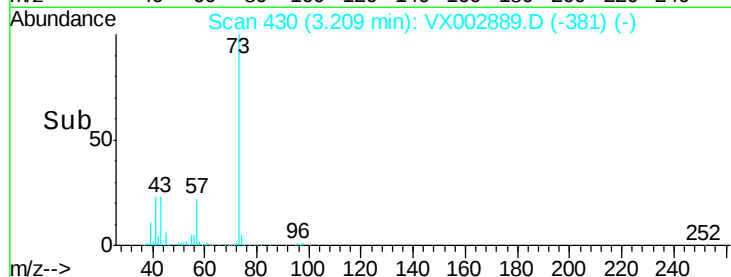
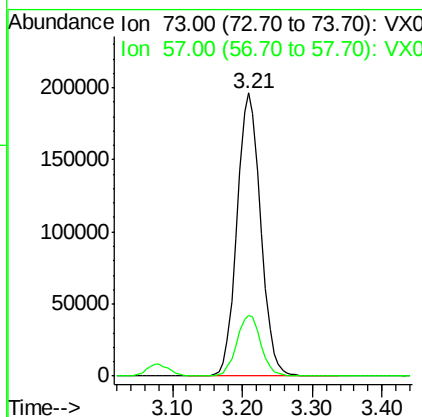
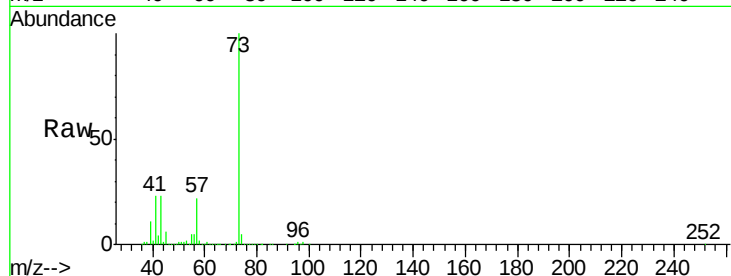
Methyl tert-butyl Ether
 Concen: 49.27 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

Manual Integrations
 APPROVED

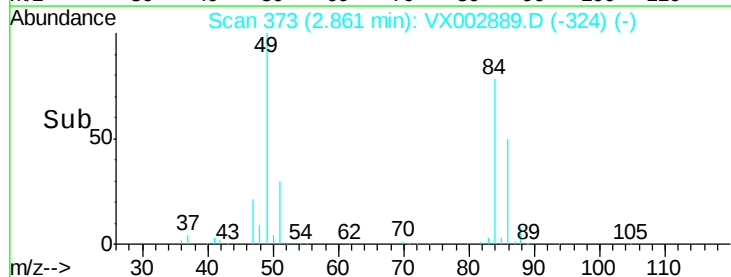
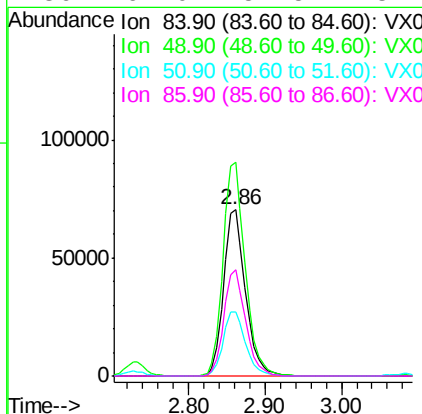
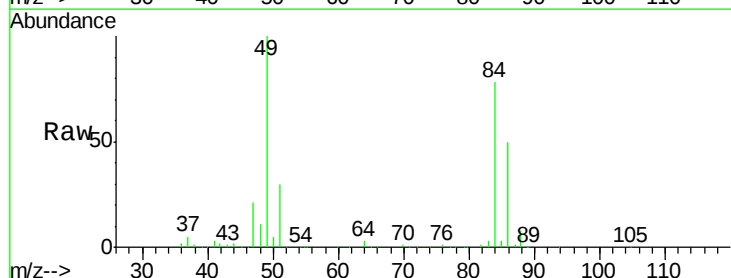
MMDadoda
 6/28/2018 2:26:33 PM

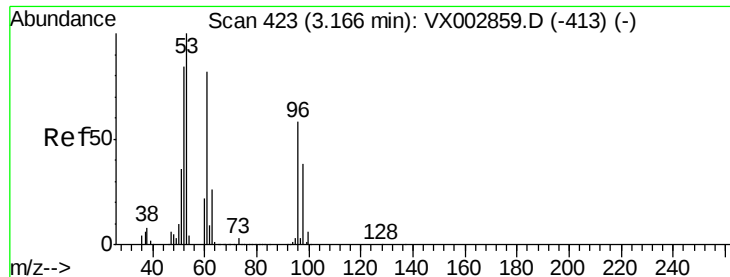


#20

Methylene Chloride
 Concen: 47.26 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	107.8	161.6
51	38.3	32.8	49.2
86	64.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 46.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

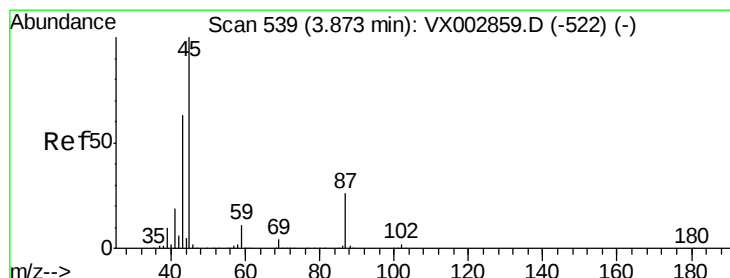
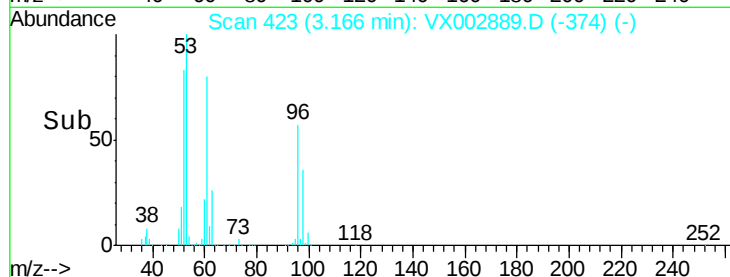
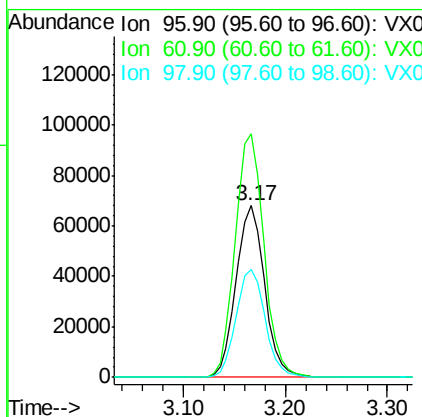
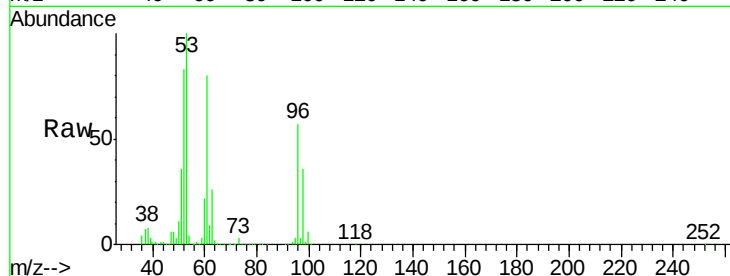
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	131867
Ion	Ratio	Lower	Upper
96	100		
61	141.6	117.0	175.4
98	63.0	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.01 ug/l

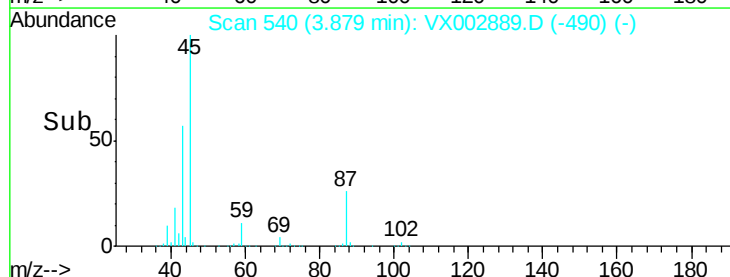
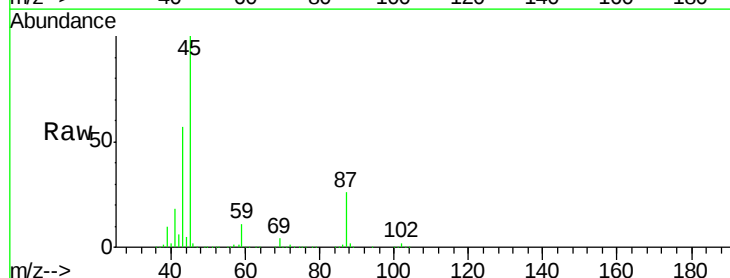
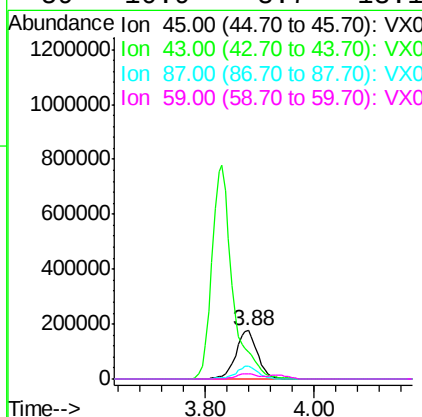
RT: 3.88 min Scan# 540

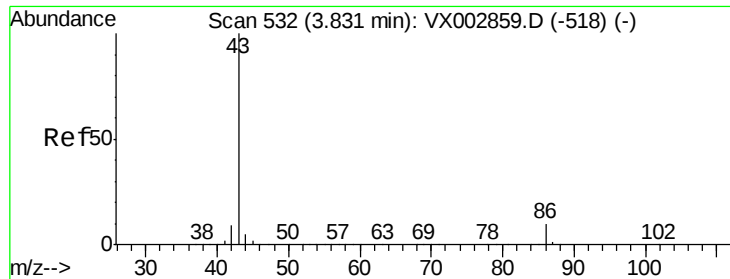
Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	45	Resp:	489887
Ion	Ratio	Lower	Upper
45	100		
43	56.5	46.8	70.2
87	26.2	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 245.68 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2037676

Ion Ratio Lower Upper

43 100

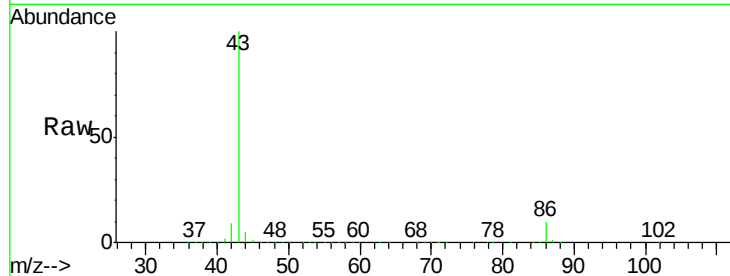
86 9.9 7.4 11.0

Manual Integrations

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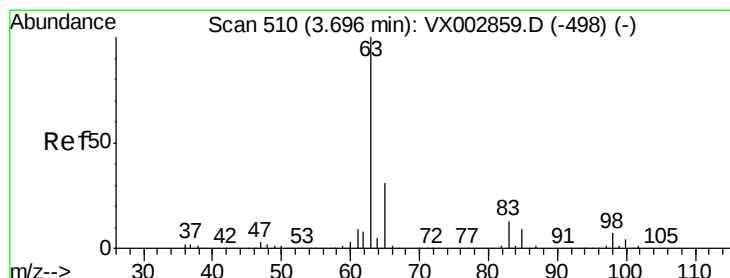
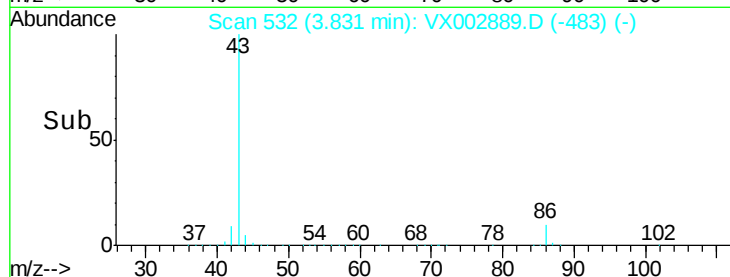
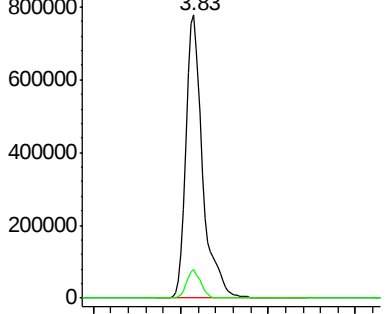
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.87 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

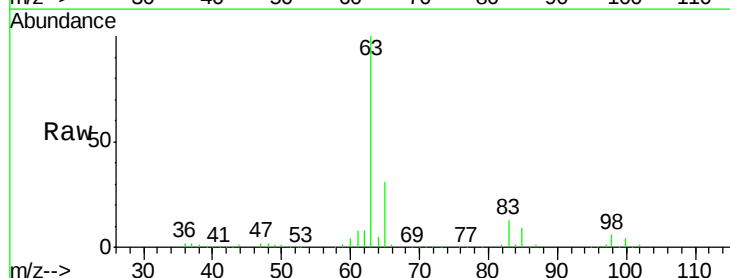
Tgt Ion: 63 Resp: 260148

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

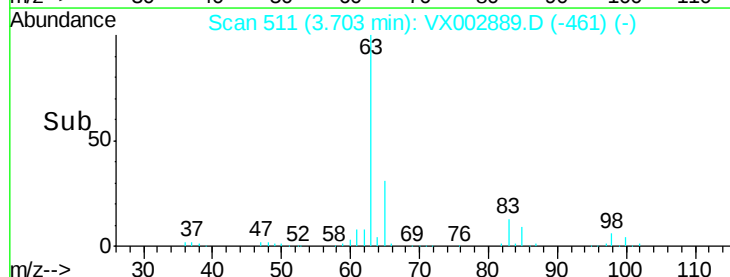
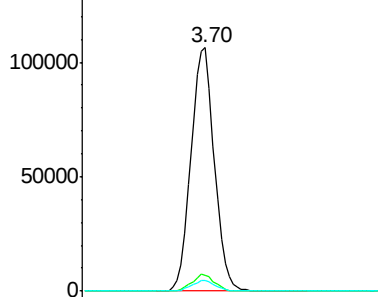
100 4.3 2.0 6.0

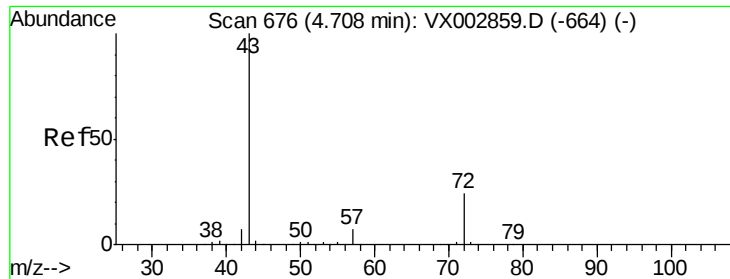


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.08 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 559966

Ion Ratio Lower Upper

43 100

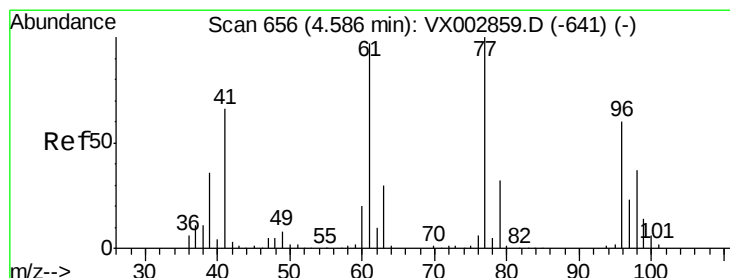
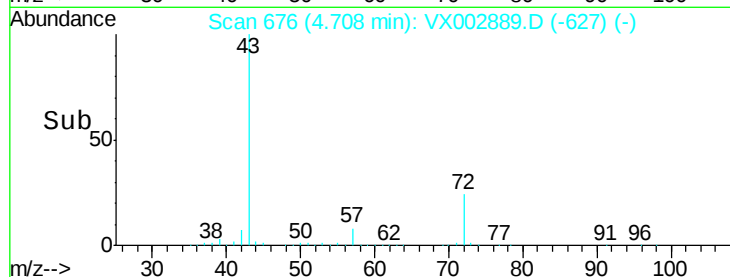
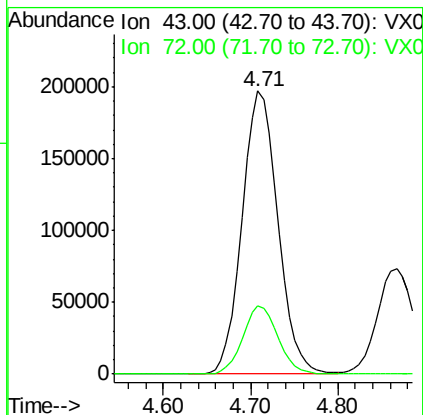
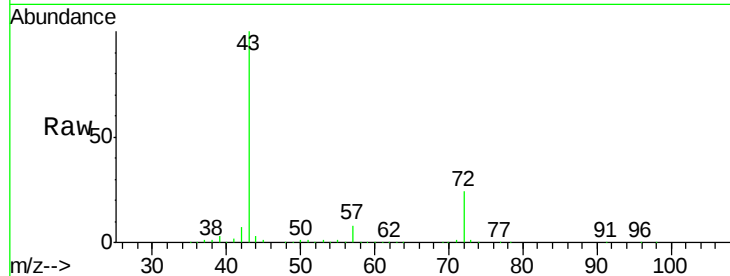
72 23.9 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 35.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002889.D

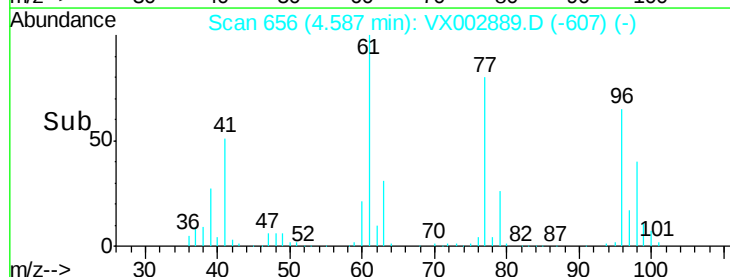
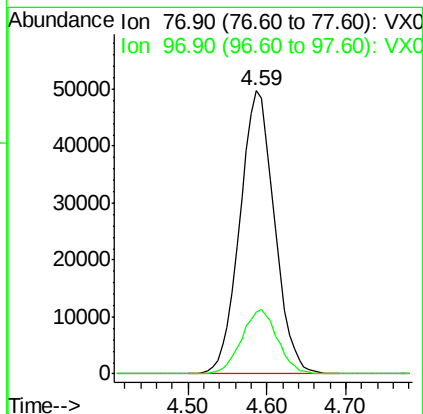
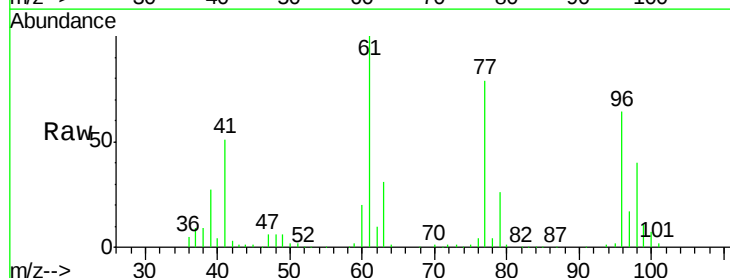
Acq: 26 Jun 2018 04:45

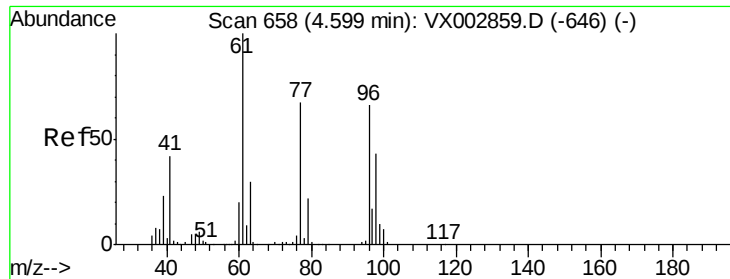
Tgt Ion: 77 Resp: 152044

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 47.98 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

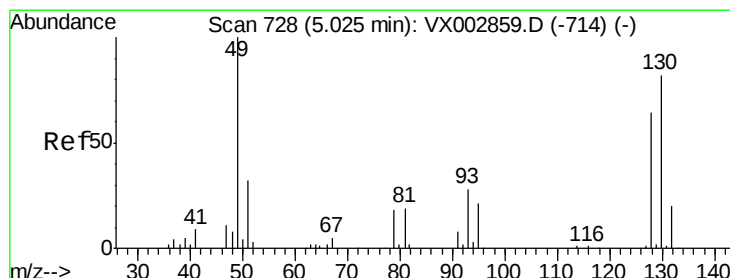
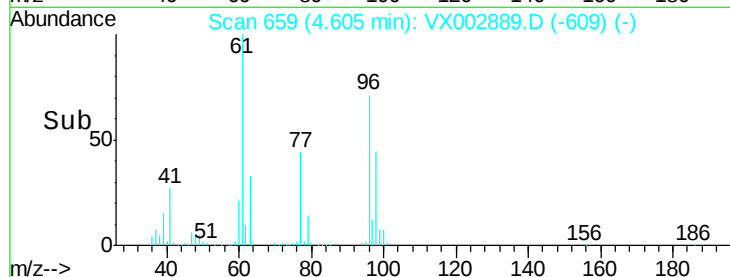
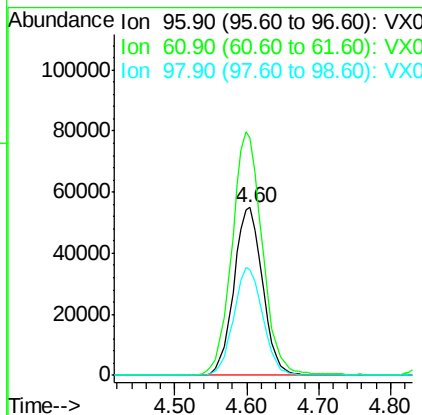
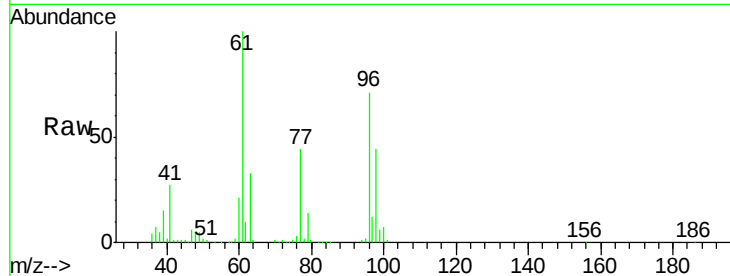
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152312
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	330.2
98	65.1	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 51.84 ug/l

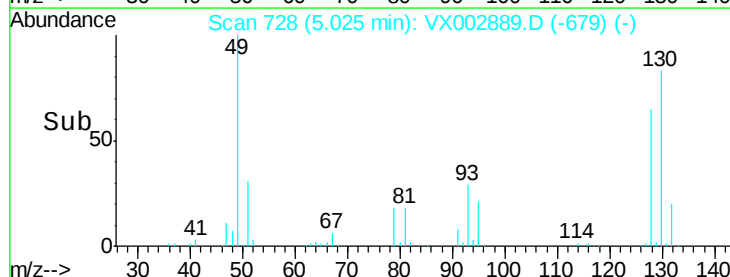
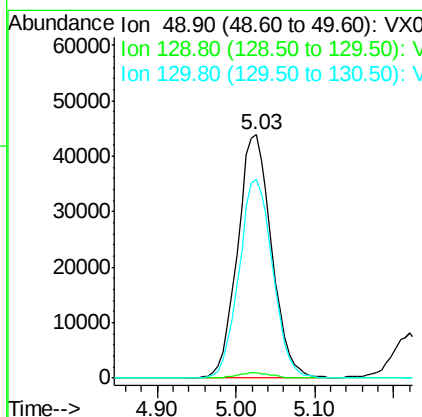
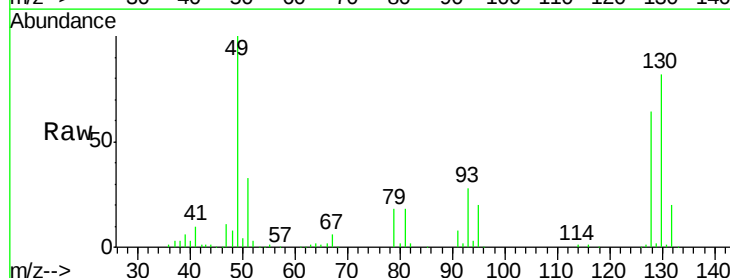
RT: 5.03 min Scan# 728

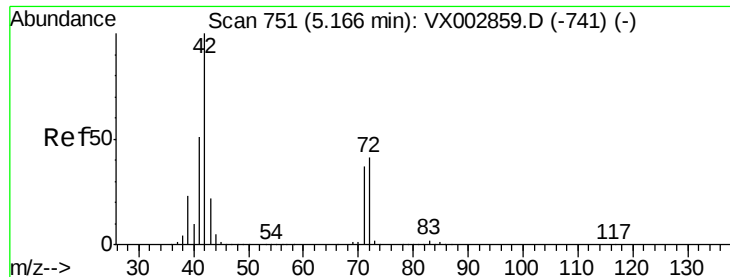
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	49	Resp:	132094
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.7	61.2	91.8





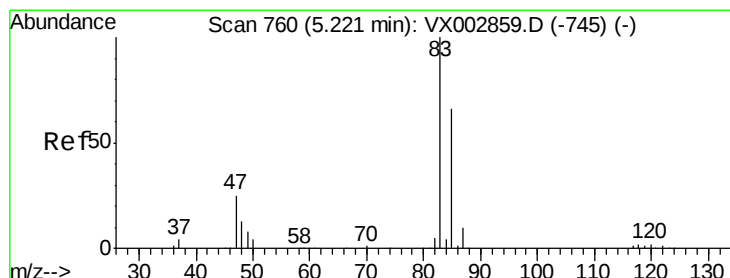
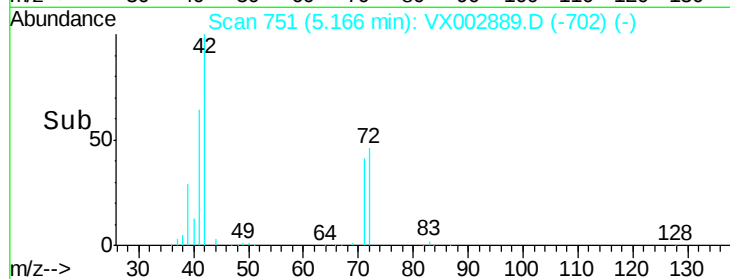
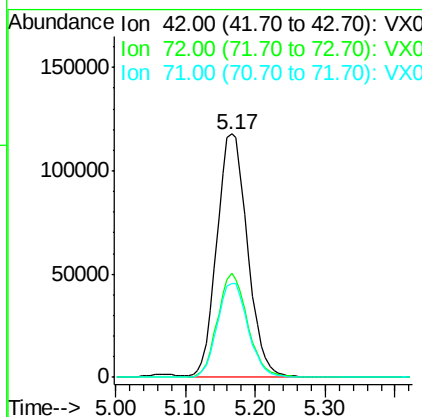
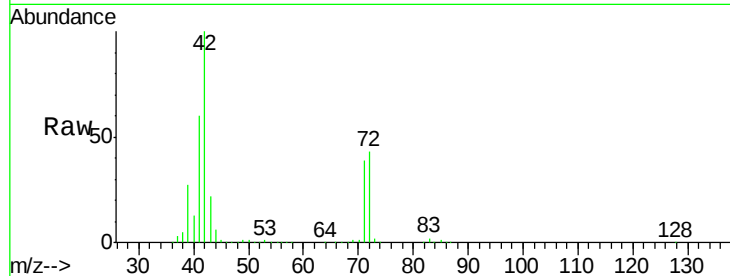
#29
Tetrahydrofuran
Concen: 249.54 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.0	30.1	45.1

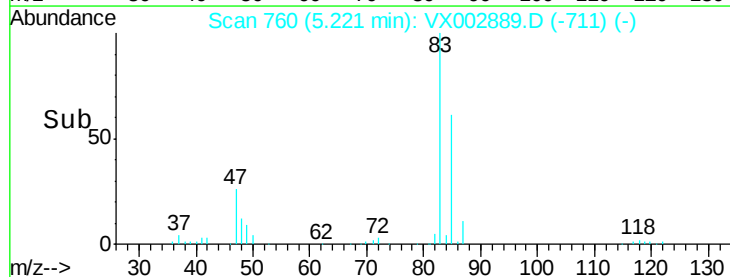
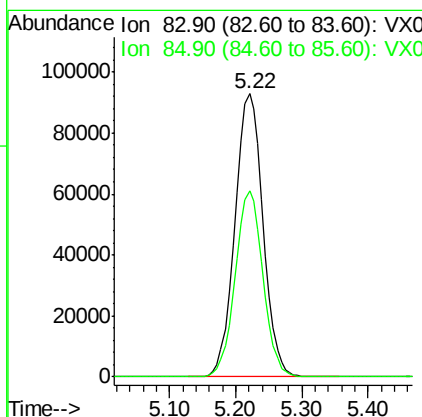
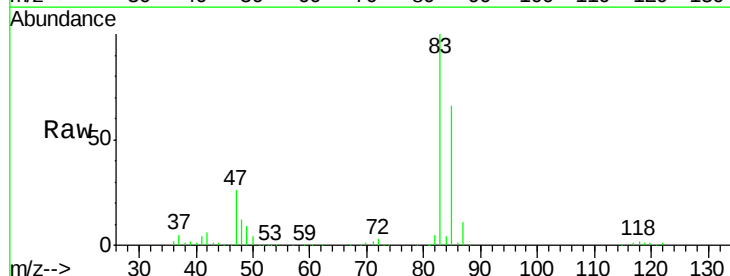
Manual Integrations
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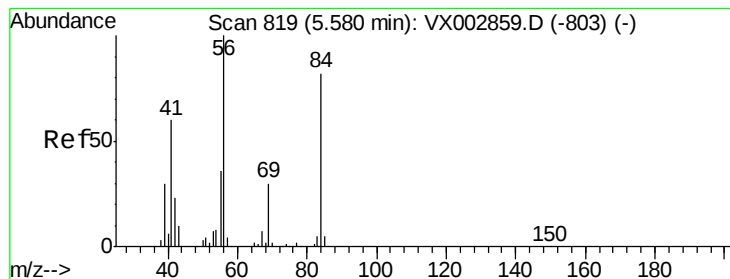
MMDadoda
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#30
Chloroform
Concen: 50.11 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.4	75.6





#31

Cyclohexane

Concen: 48.06 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

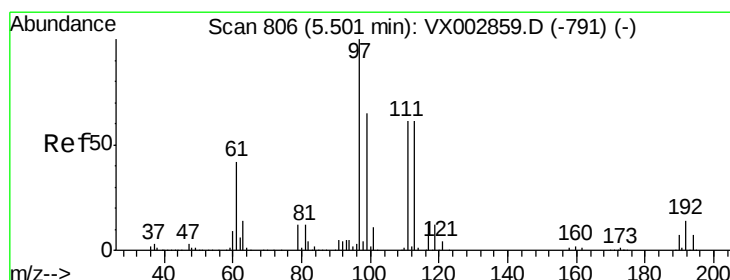
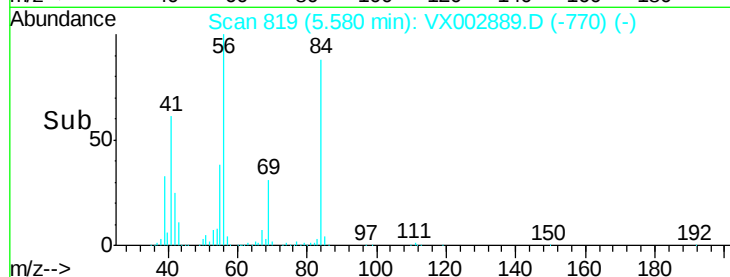
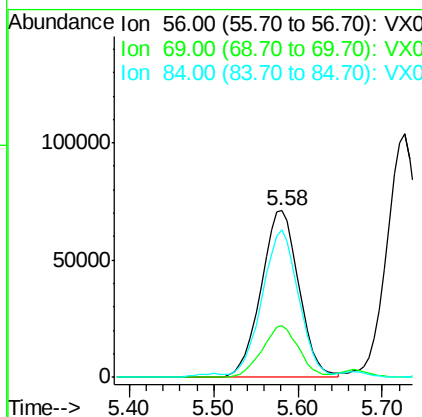
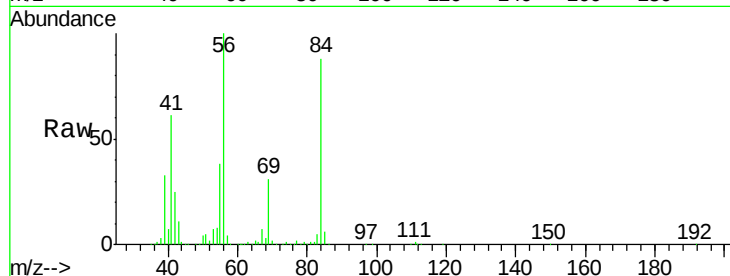
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	219599
Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.7	35.5
84	87.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.59 ug/l

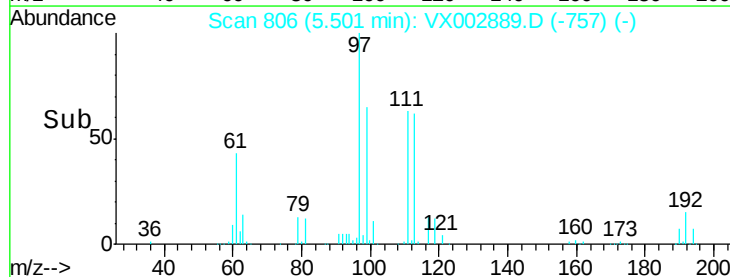
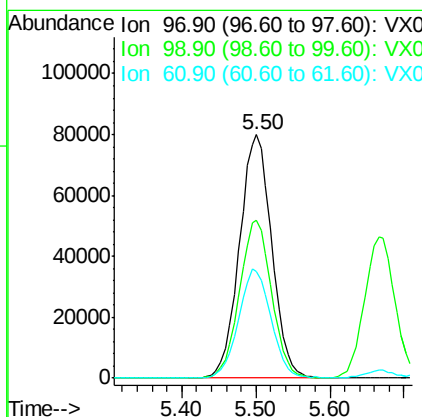
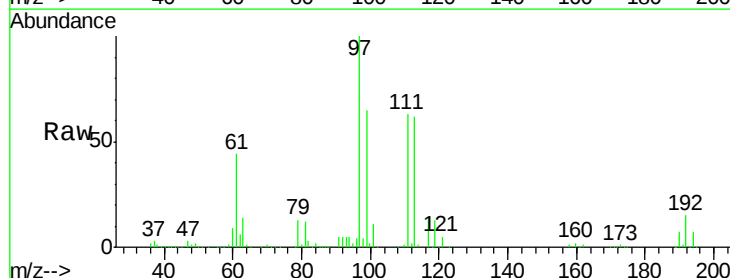
RT: 5.50 min Scan# 806

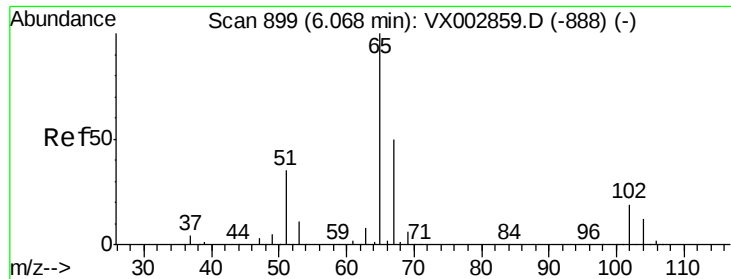
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	97	Resp:	243204
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.9	36.4	54.6





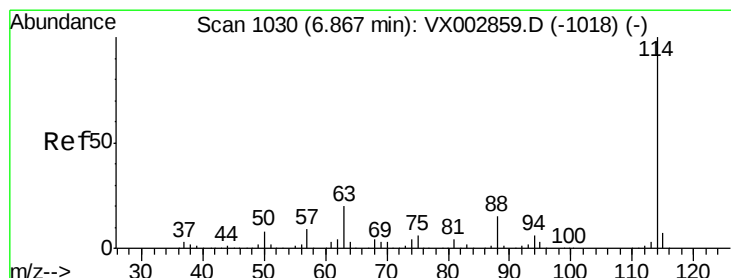
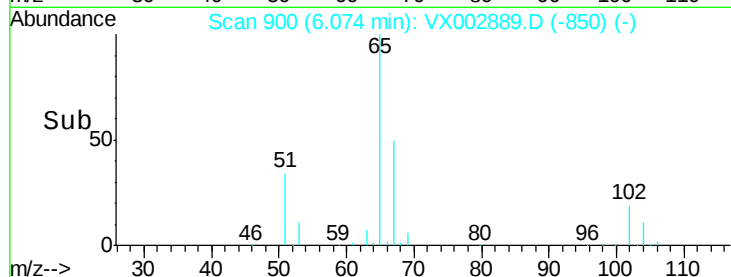
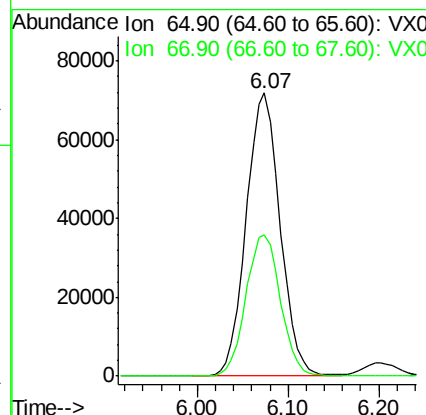
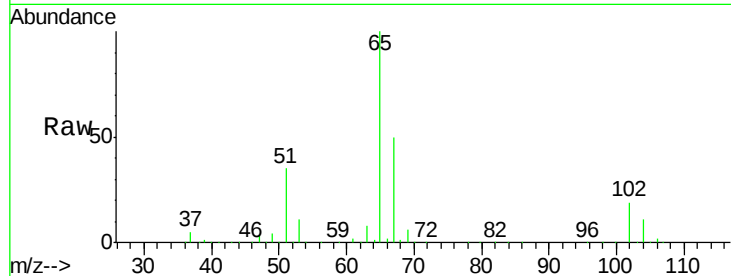
#33
 1,2-Dichloroethane-d4
 Concen: 51.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185889		
67	51.1	0.0	102.6	

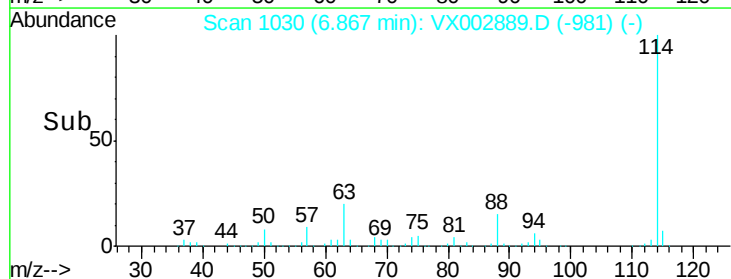
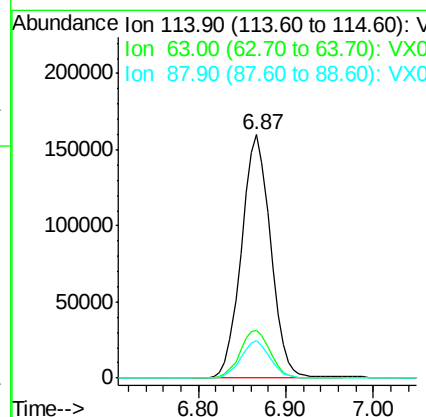
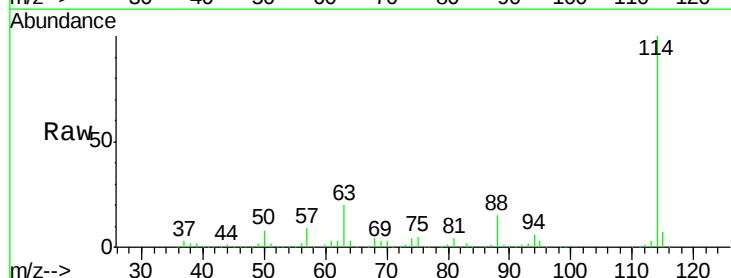
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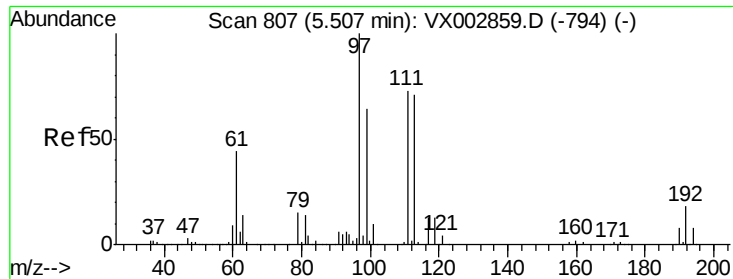
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372040		
63	19.8	0.0	41.4	
88	15.4	0.0	30.0	





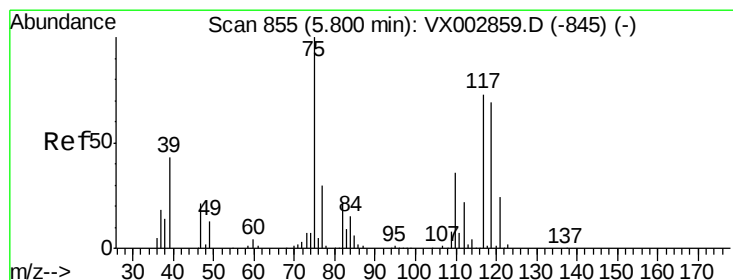
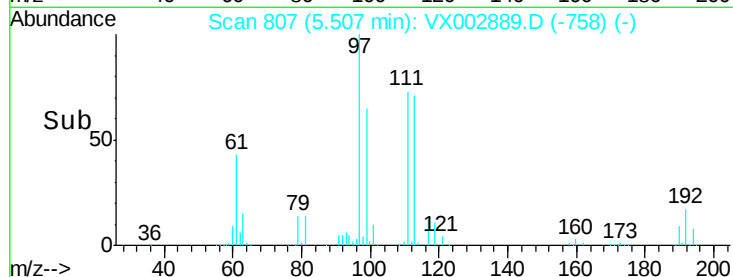
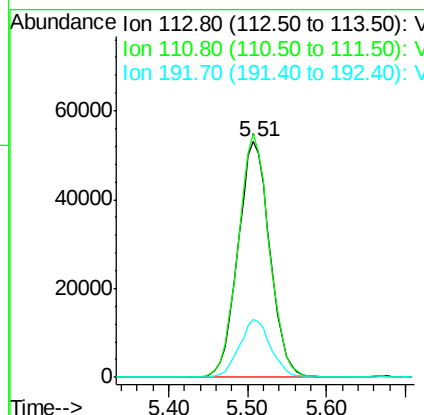
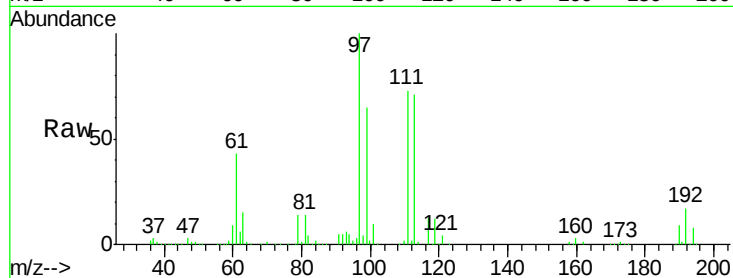
#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149034		
111	101.6	81.4	122.0	
192	24.1	19.1	28.7	

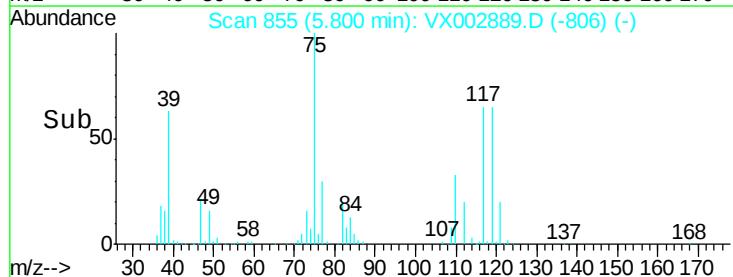
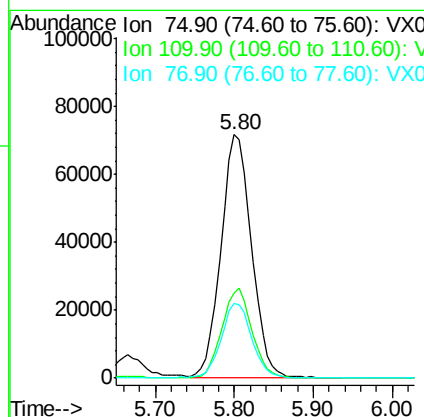
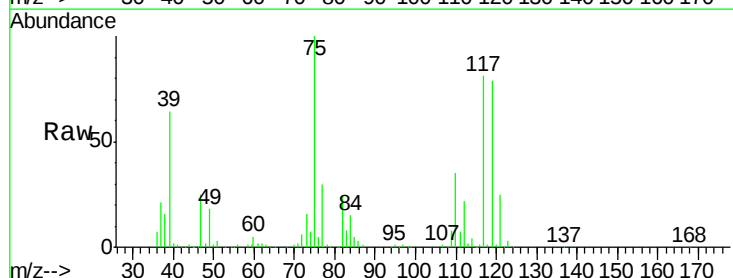
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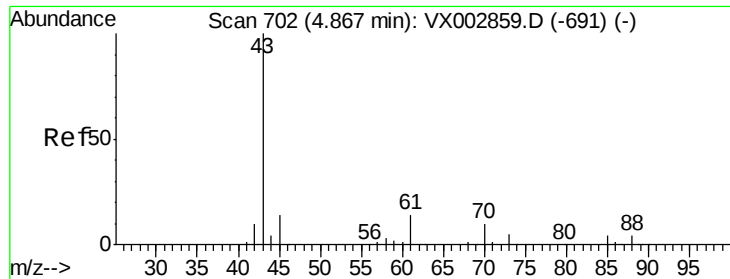
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.17 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192444		
110	36.4	18.1	54.4	
77	31.2	24.3	36.5	





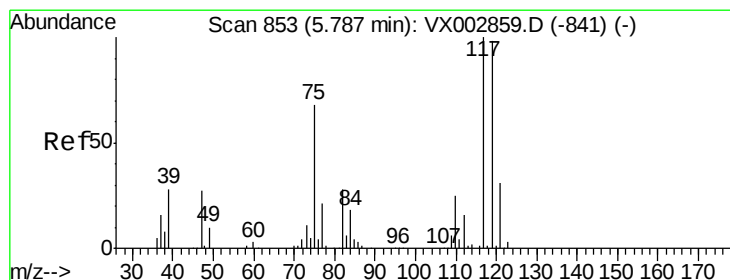
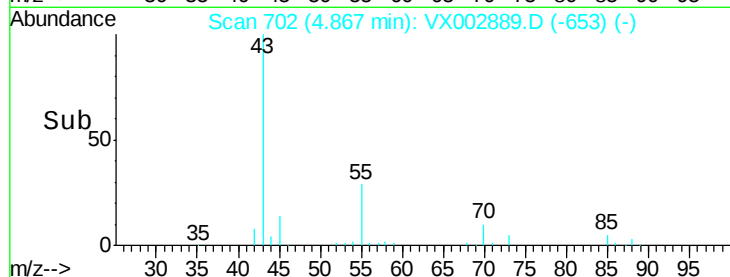
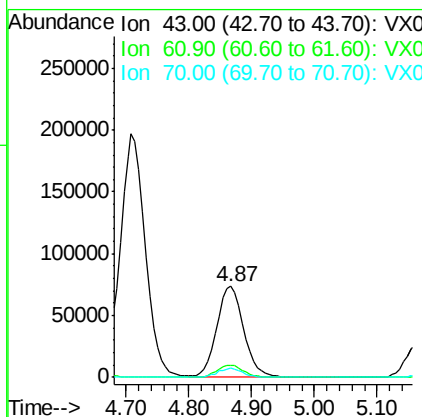
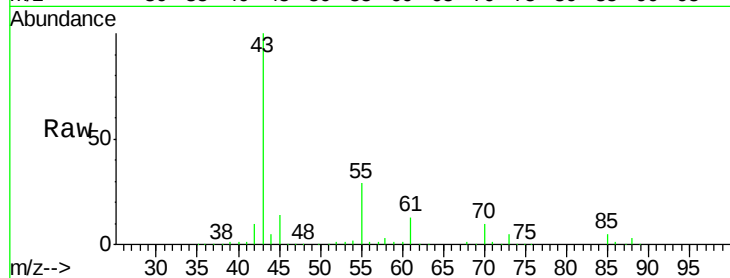
#37
Ethyl Acetate
Concen: 49.85 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.7	7.6	11.4

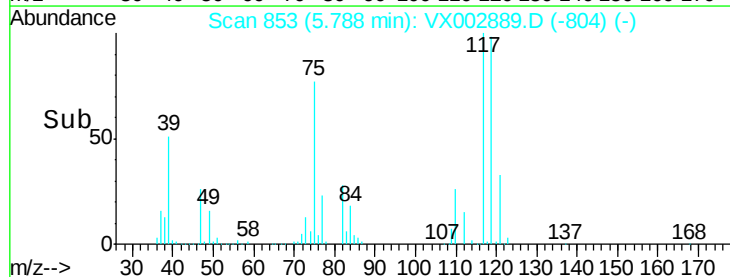
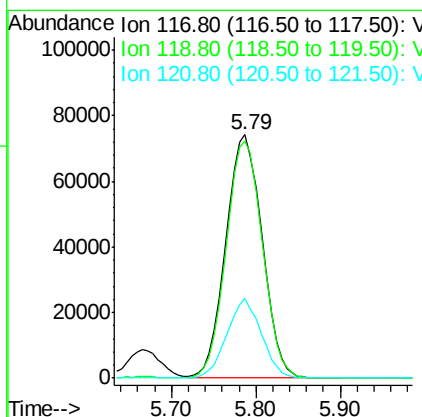
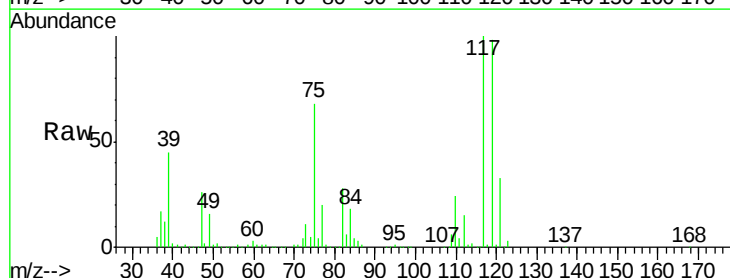
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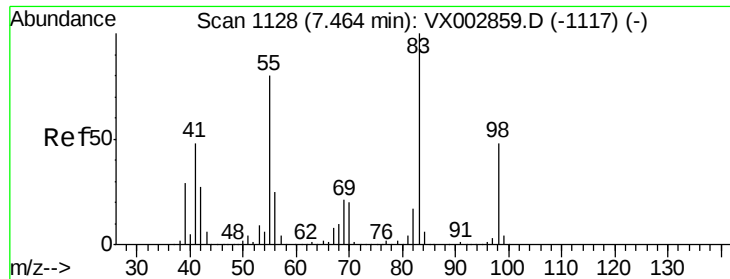
MMDadoda
6/28/2018 2:26:33 PM



#38
Carbon Tetrachloride
Concen: 48.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.0
121	32.7	24.4	36.6





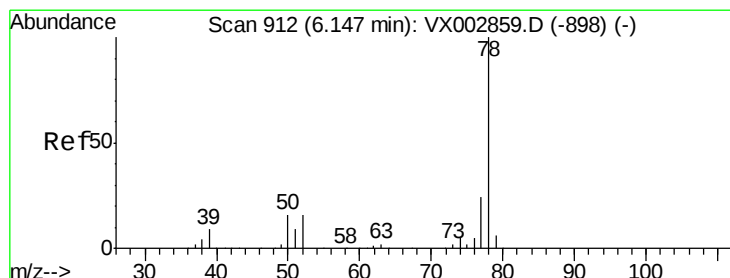
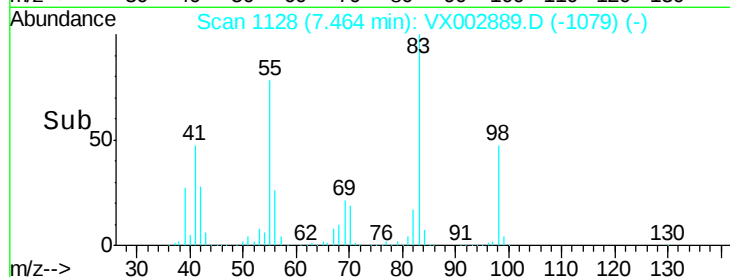
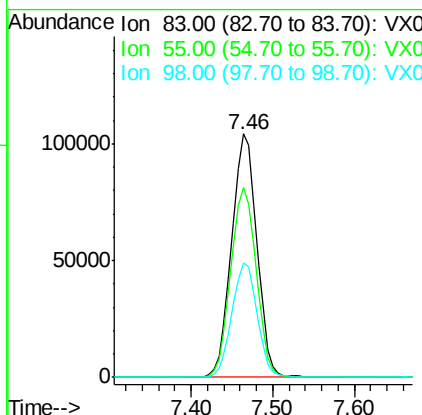
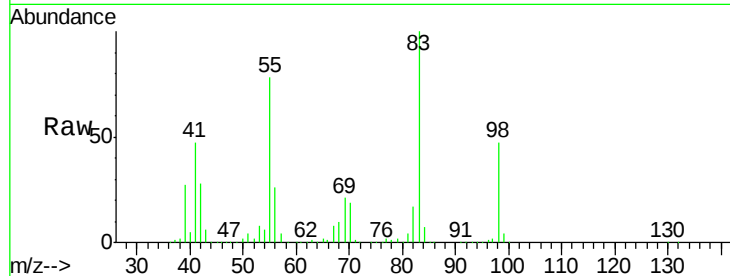
#39
Methvlcvclohexane
Concen: 46.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	65.4	98.0
98	46.8	37.4	56.0

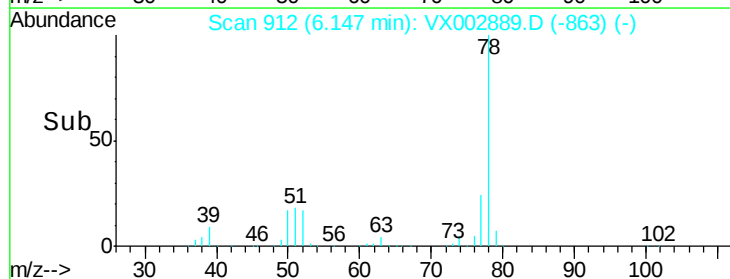
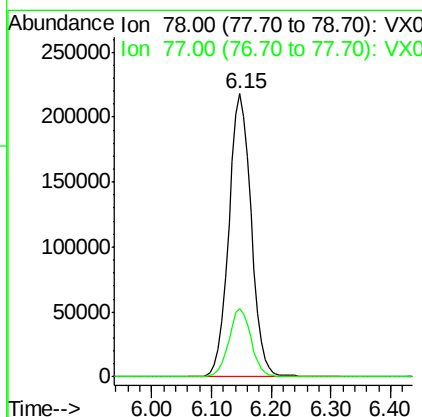
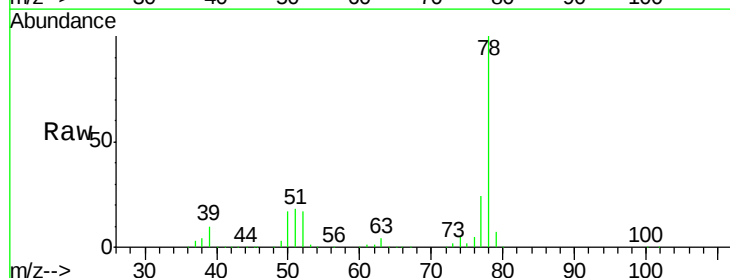
Manual Integrations
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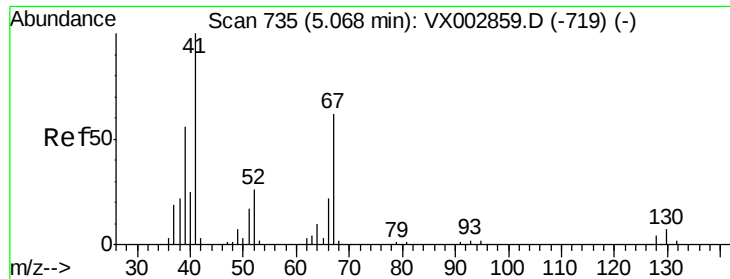
MMDadoda
6/28/2018 2:26:33 PM



#40
Benzene
Concen: 47.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





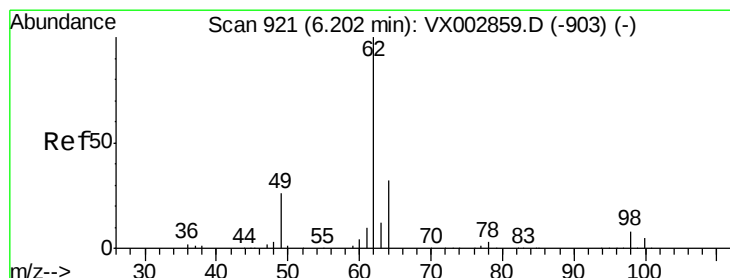
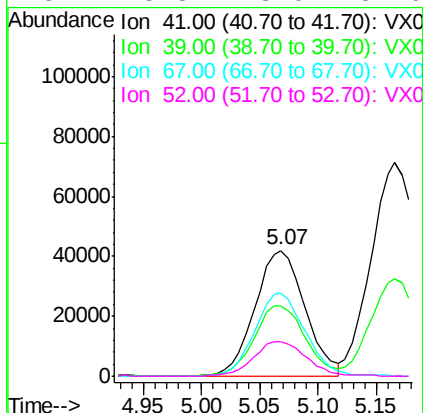
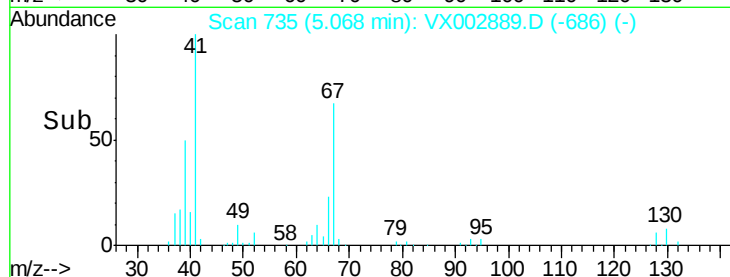
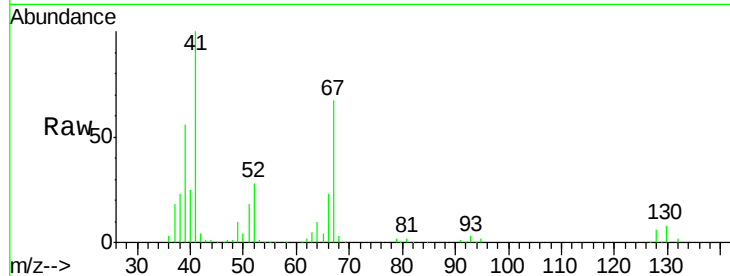
#41
Methacrylonitrile
Concen: 49.14 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	45.8	68.6	
67	66.8	51.3	76.9	
52	28.8	23.0	34.6	

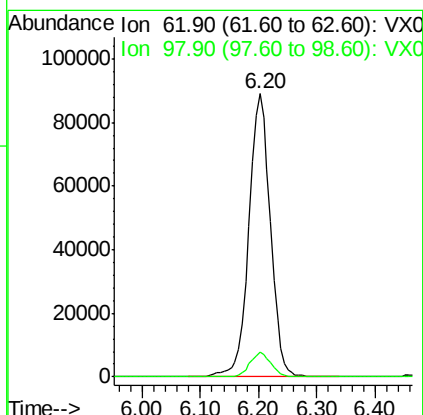
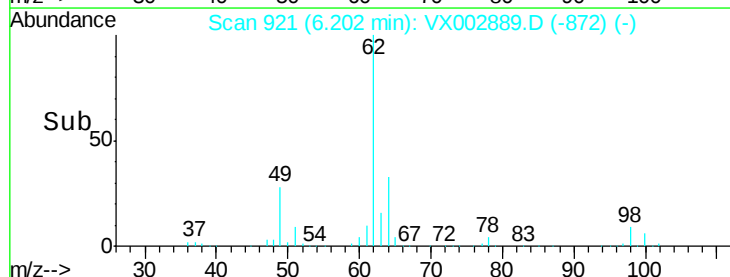
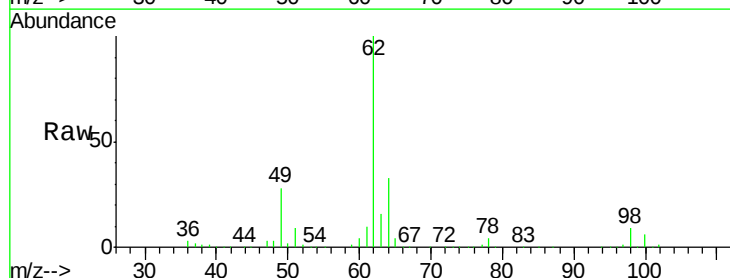
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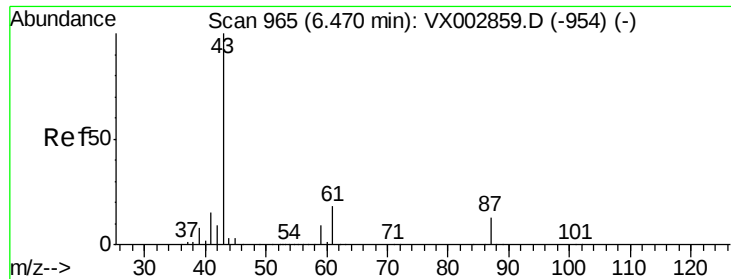
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.50 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





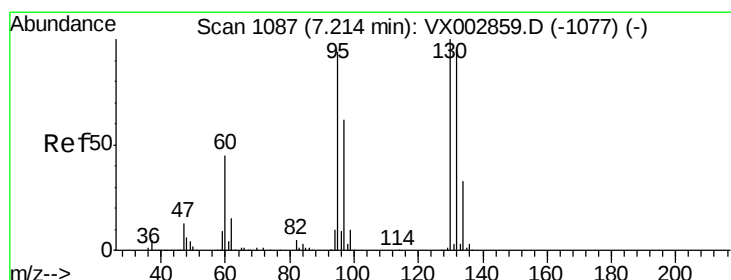
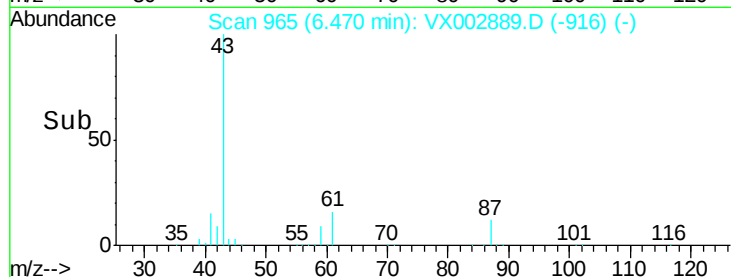
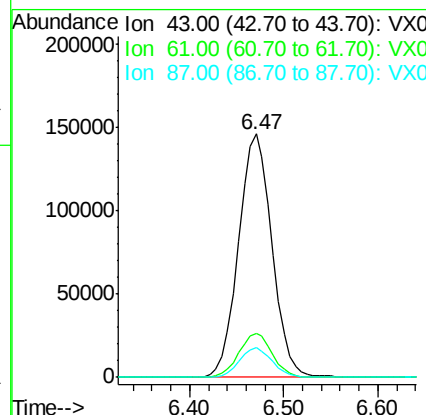
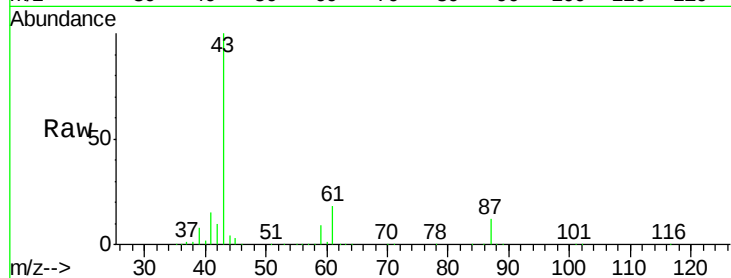
#43
Isopropyl Acetate
Concen: 48.93 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.2	9.5	14.3

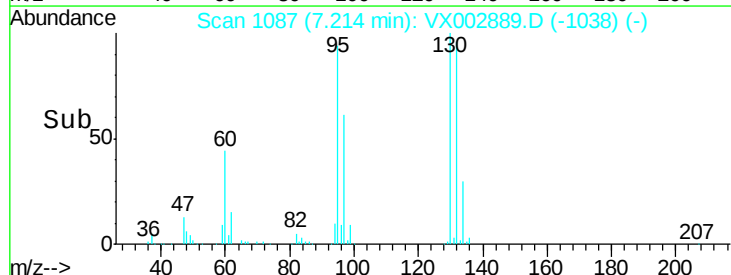
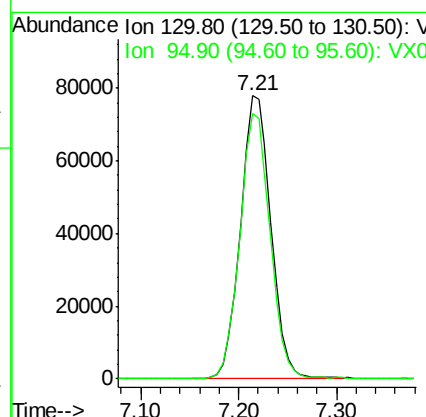
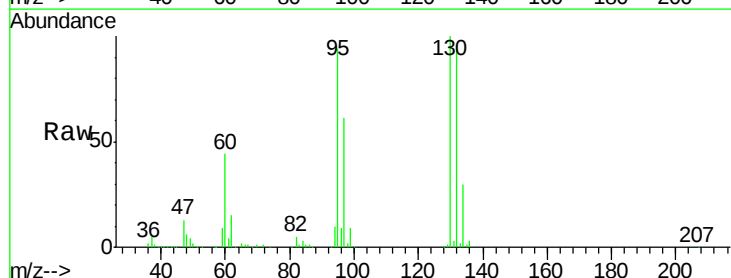
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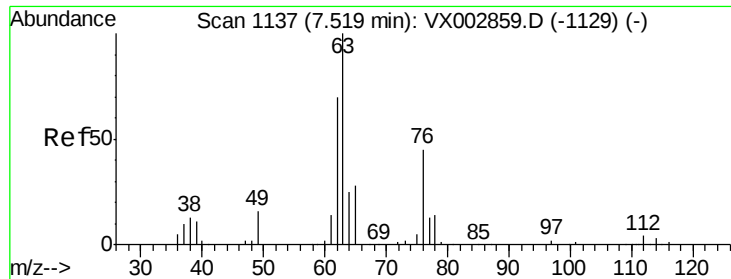
MMDadoda
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#44
Trichloroethene
Concen: 47.54 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 153526

Ion Ratio Lower Upper

63 100

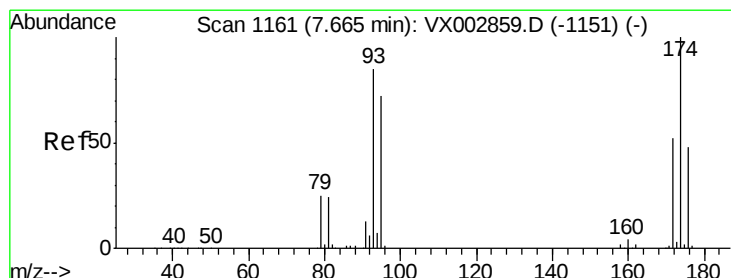
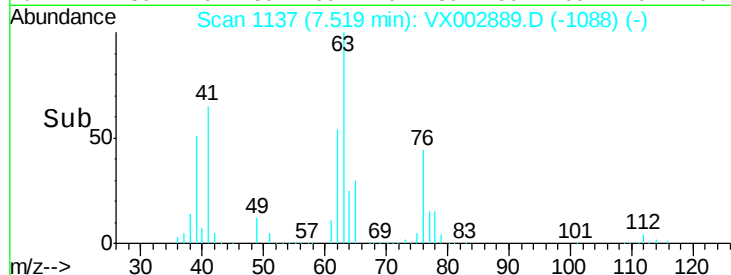
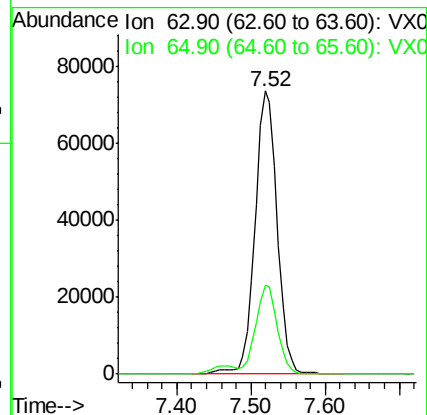
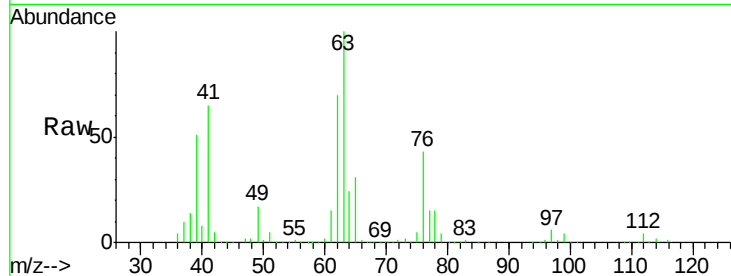
65 31.2 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 48.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

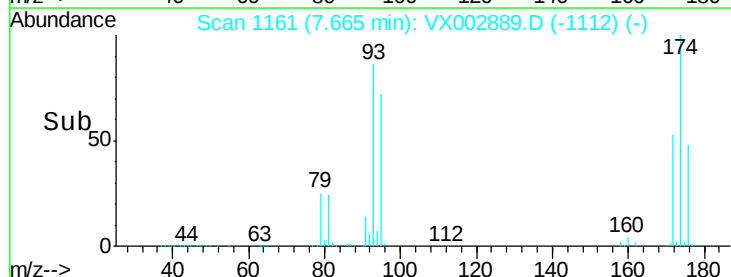
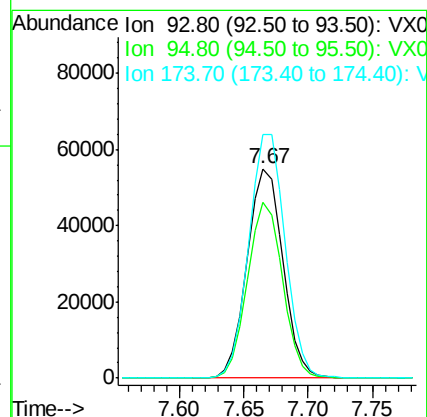
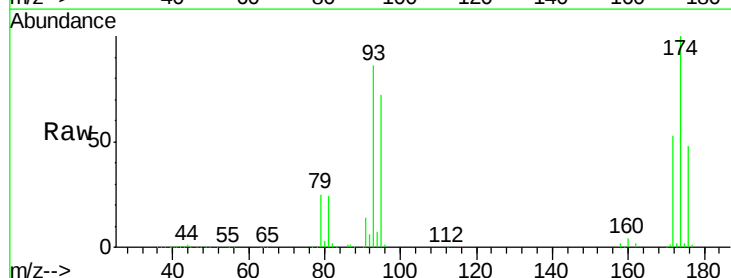
Tgt Ion: 93 Resp: 105801

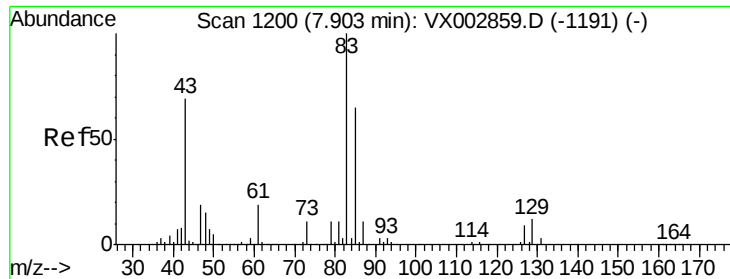
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 118.2 92.4 138.6





#47

Bromodichloromethane

Concen: 51.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

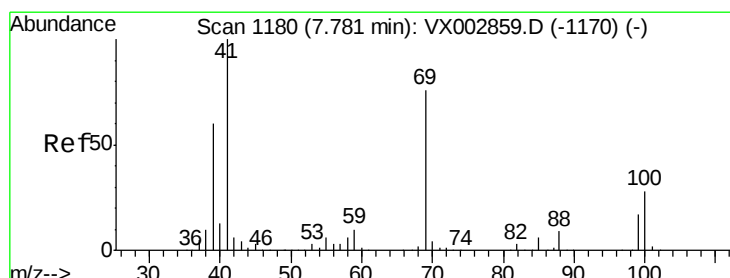
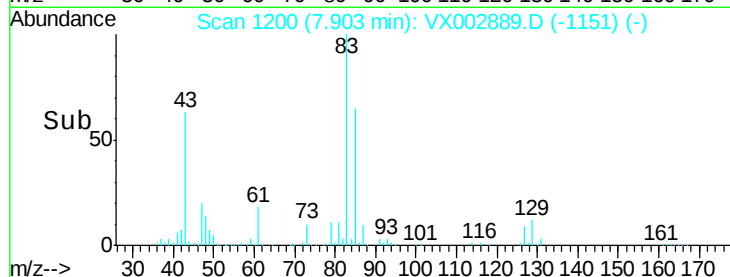
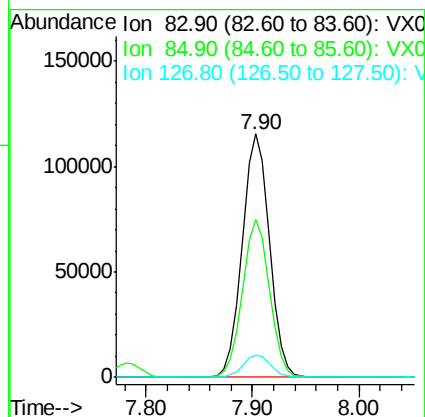
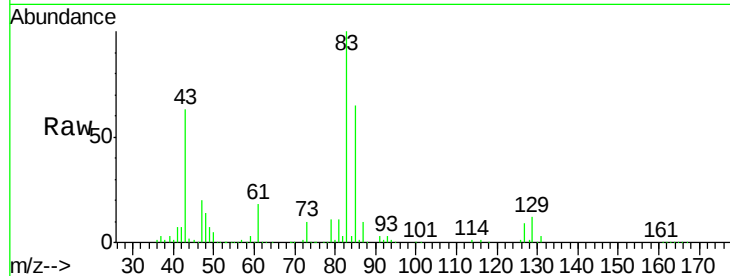
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208164
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.32 ug/l

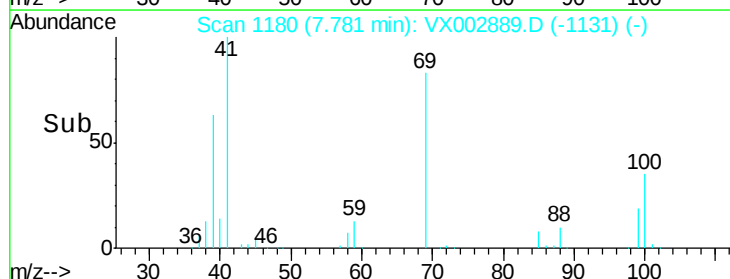
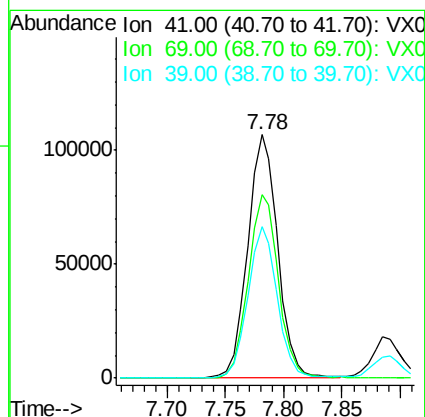
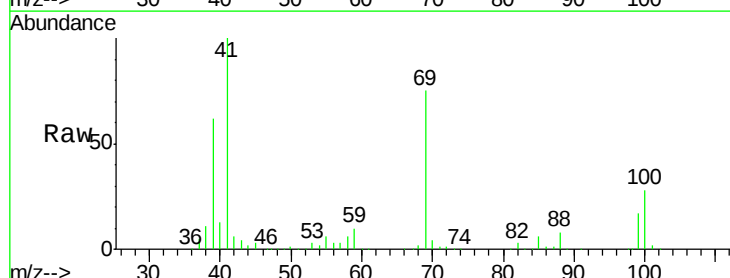
RT: 7.78 min Scan# 1180

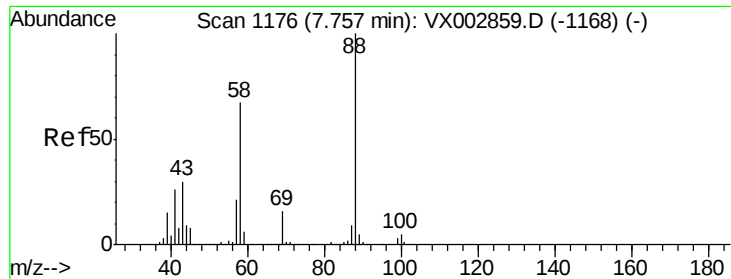
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	41	Resp:	191026
Ion Ratio	Lower	Upper	
41	100		
69	76.4	59.1	88.7
39	60.9	48.9	73.3





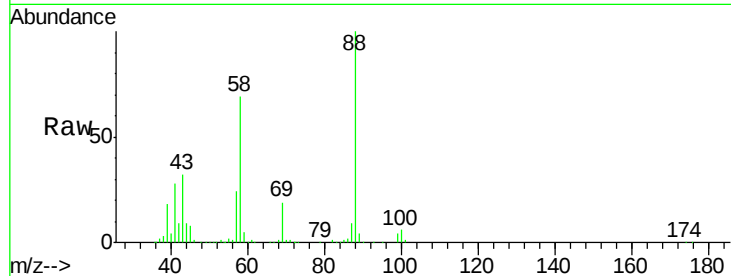
#49
1,4-Dioxane
Concen: 950.45 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

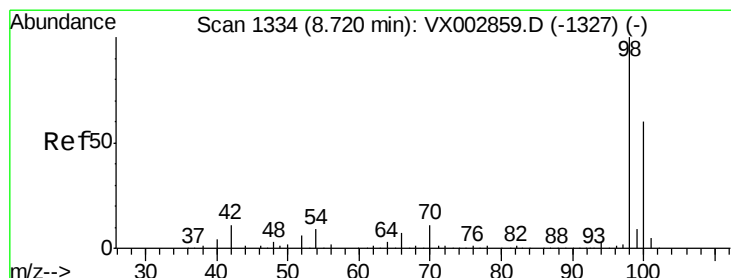
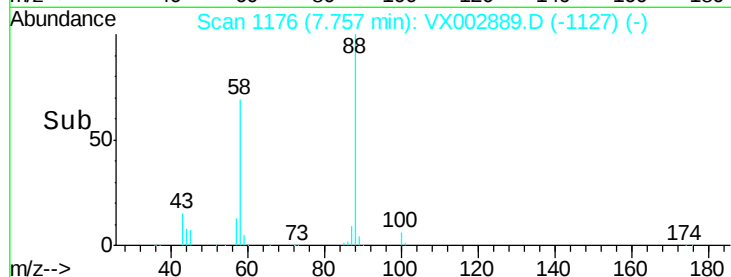
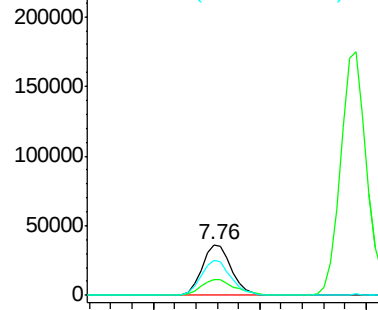
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.8	44.6
58	70.5	57.1	85.7

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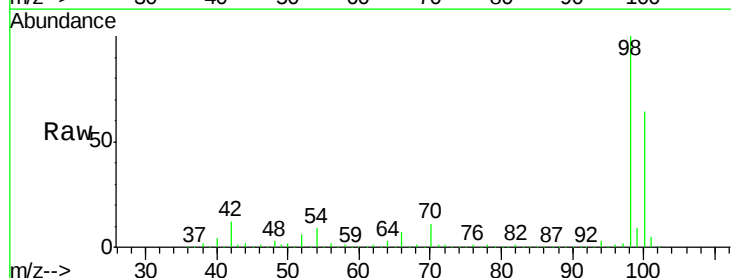


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

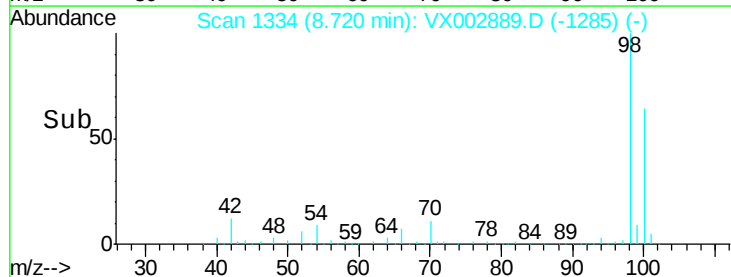
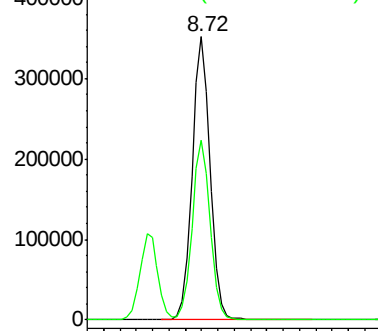


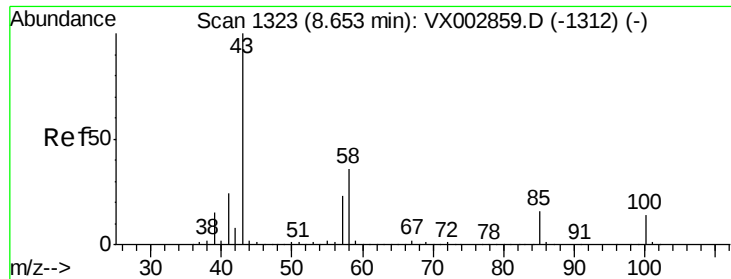
#50
Toluene-d8
Concen: 50.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.08 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1180366

Ion Ratio Lower Upper

43 100

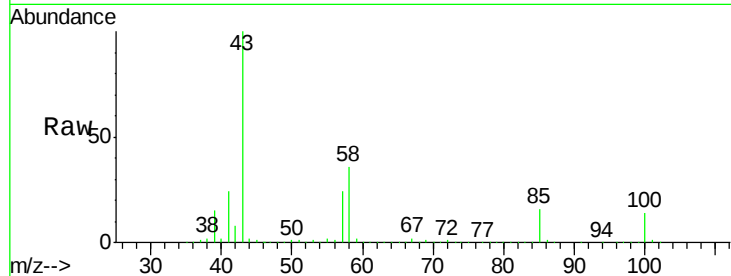
58 36.2 28.6 42.8

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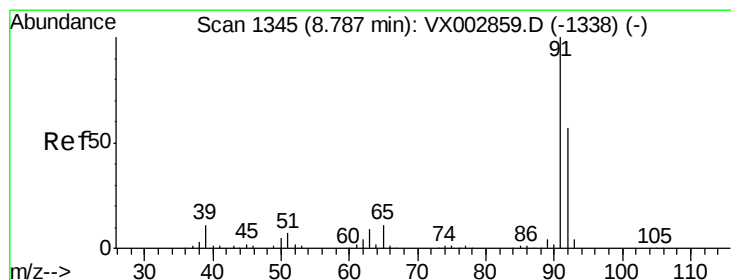
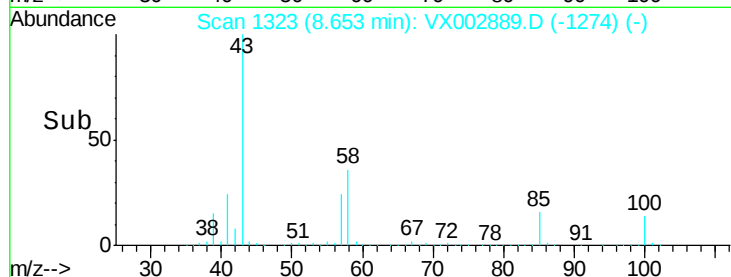
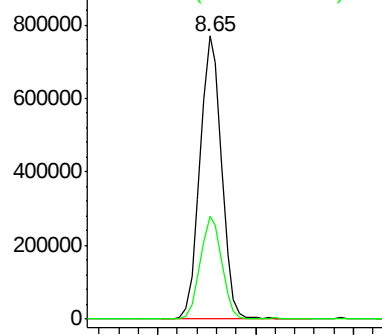
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002889.D

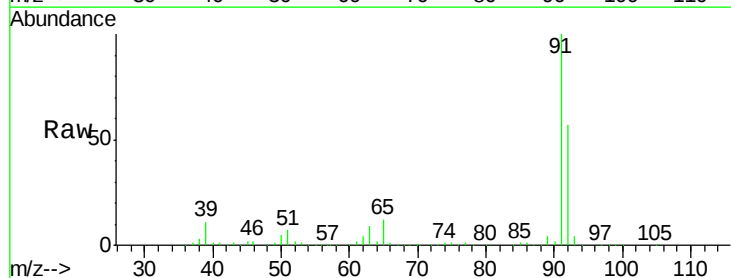
Acq: 26 Jun 2018 04:45

Tgt Ion: 92 Resp: 371433

Ion Ratio Lower Upper

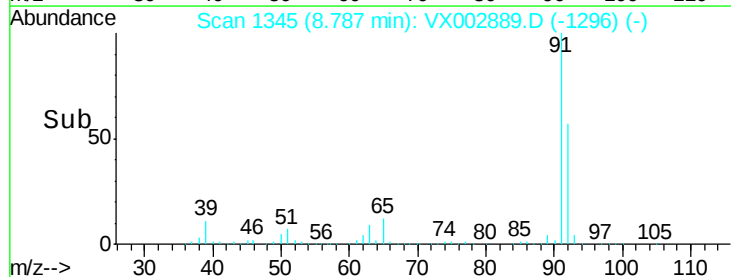
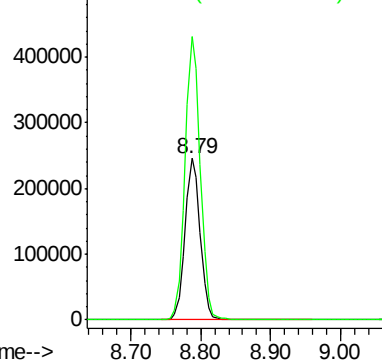
92 100

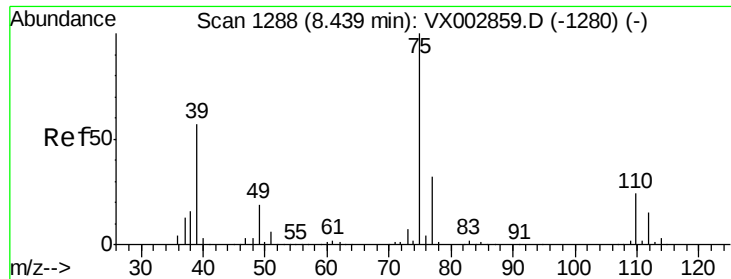
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 224686

Ion Ratio Lower Upper

75 100

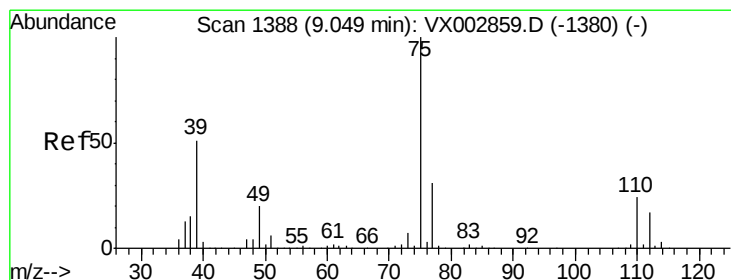
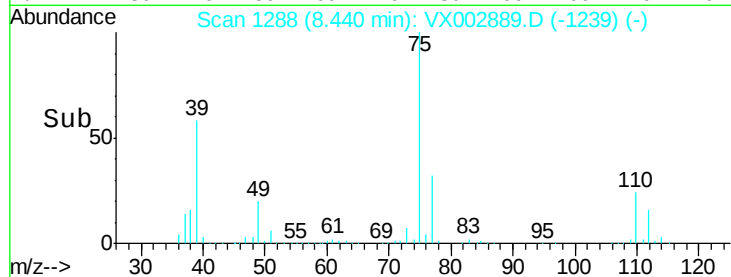
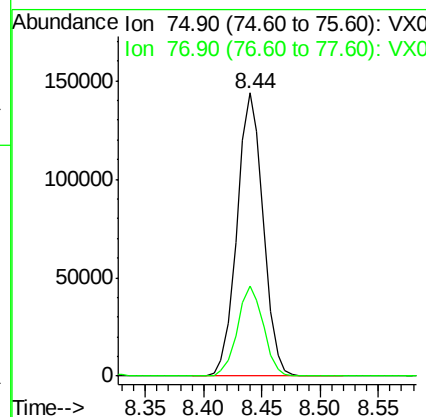
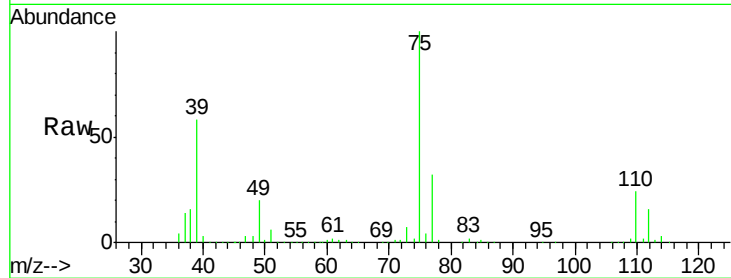
77 31.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 47.37 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

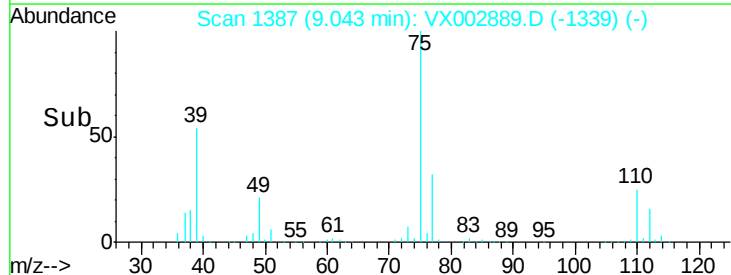
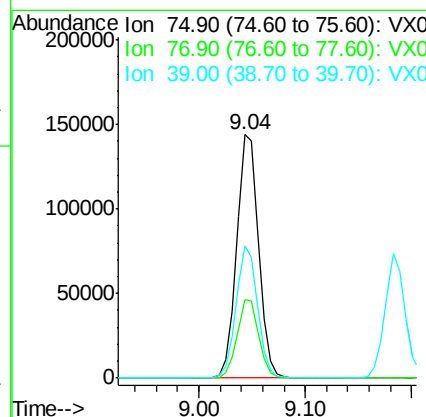
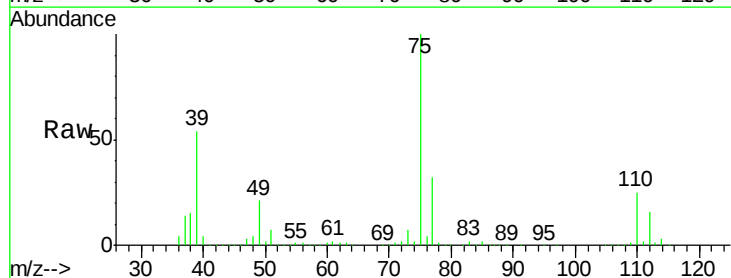
Tgt Ion: 75 Resp: 208265

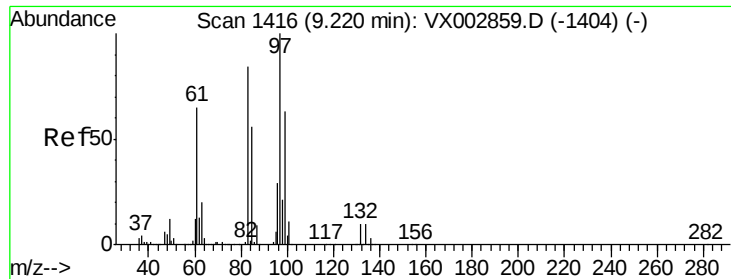
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 54.1 42.4 63.6





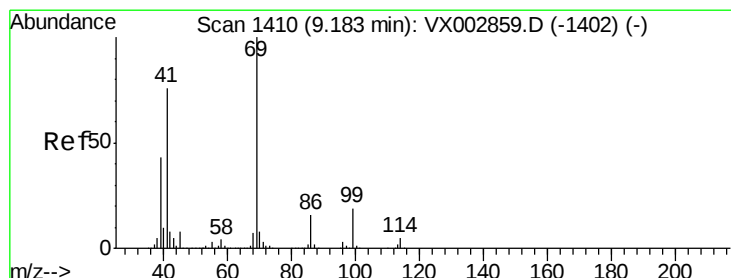
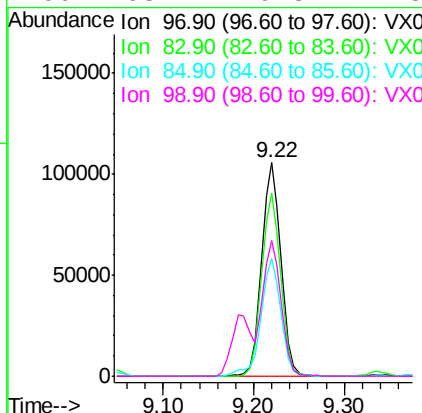
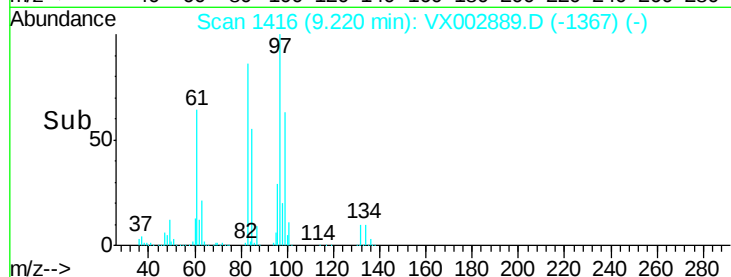
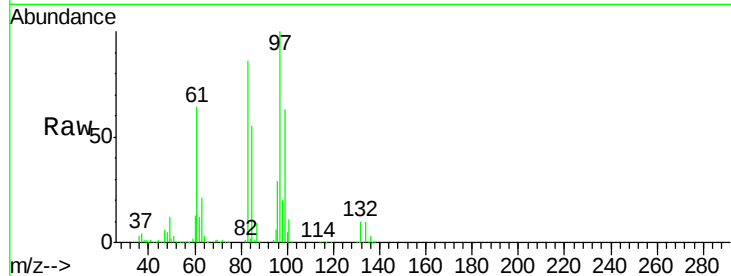
#55
 1,1,2-Trichloroethane
 Concen: 49.57 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	154674
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.1	44.9	67.3
99	63.2	49.8	74.8

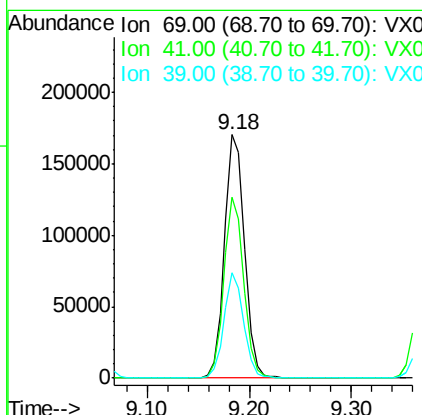
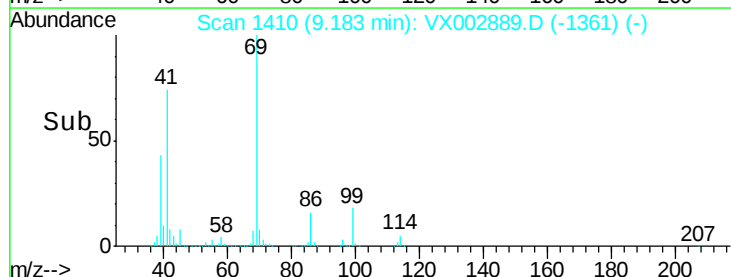
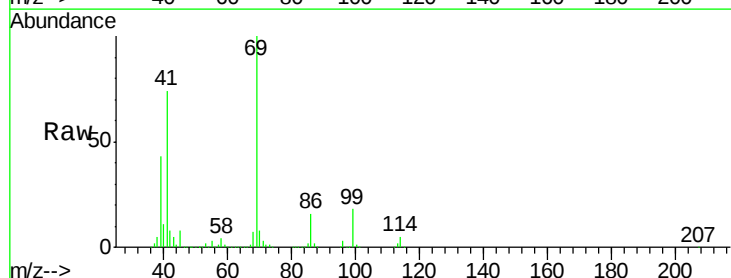
Manual Integrations
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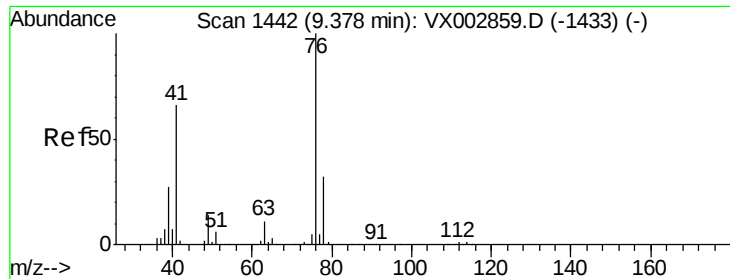
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 6/28/2018 2:26:33 PM



#56
 Ethyl methacrylate
 Concen: 50.95 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion:	69	Resp:	232389
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	42.1	35.8	53.8





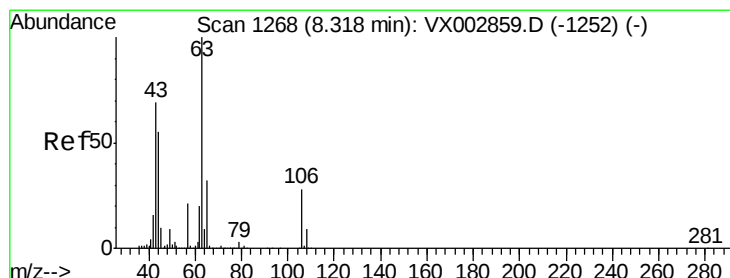
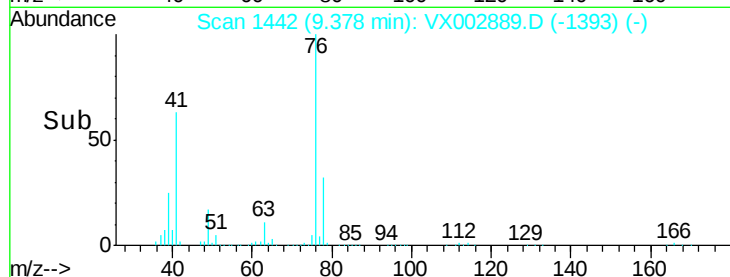
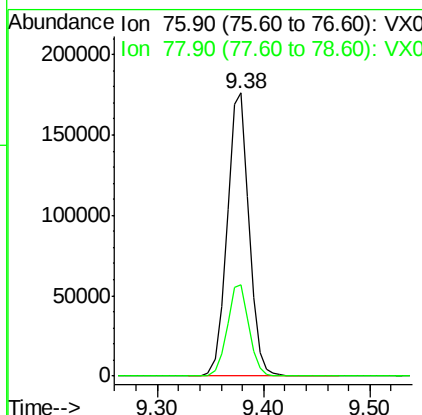
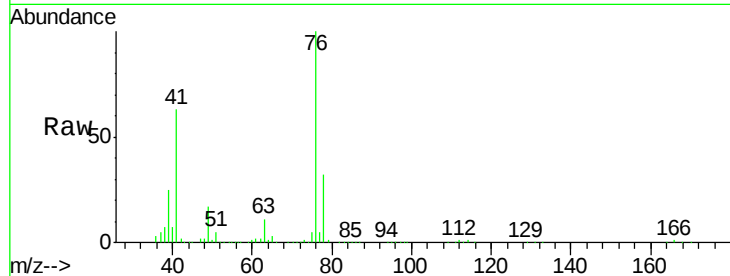
#57
 1,3-Dichloropropane
 Concen: 49.24 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

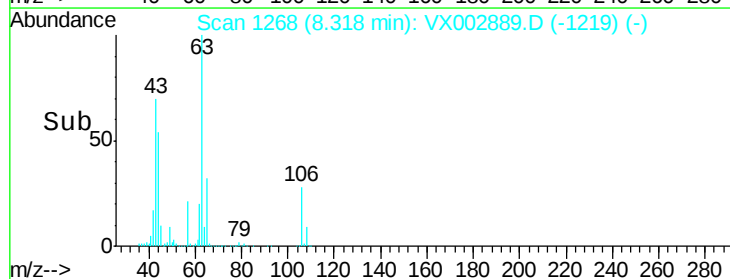
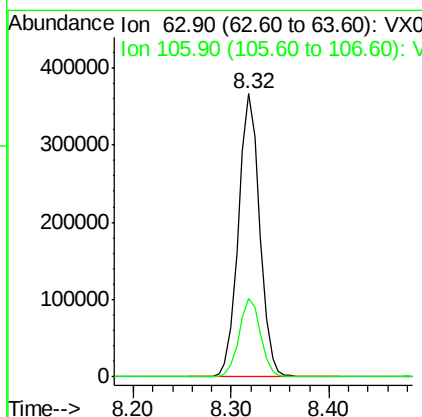
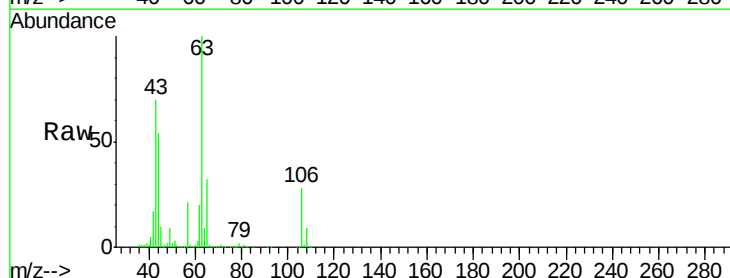
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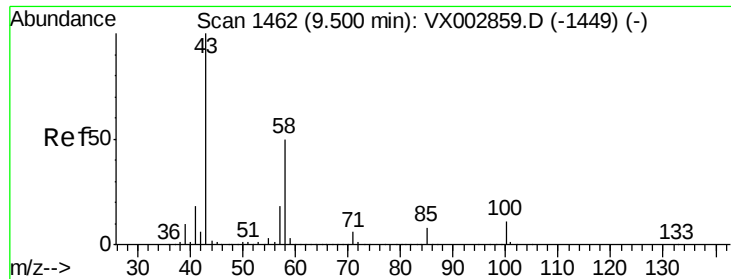
MMDadoda
 6/28/2018 2:26:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.98 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.8	32.8





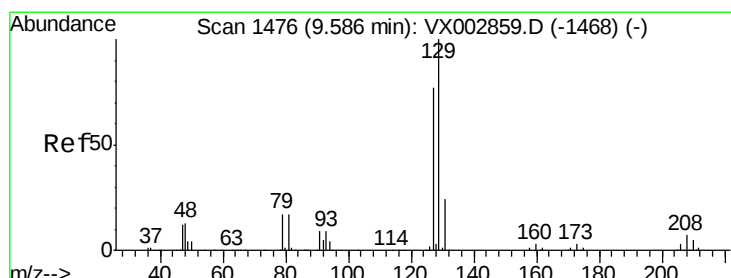
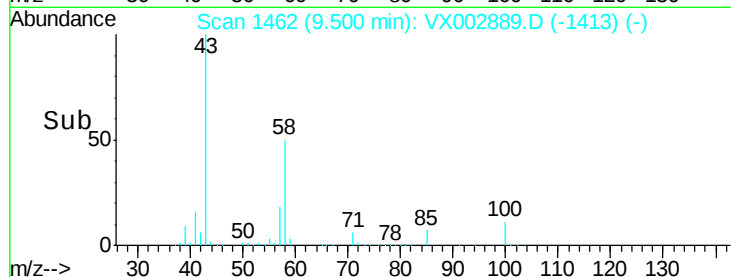
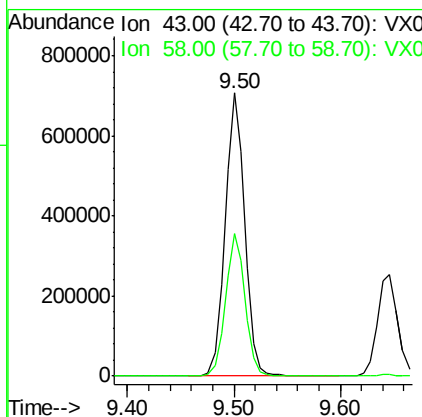
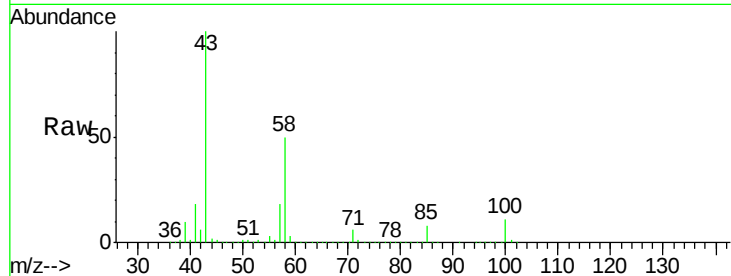
#59
2-Hexanone
Concen: 258.39 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 905195
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6

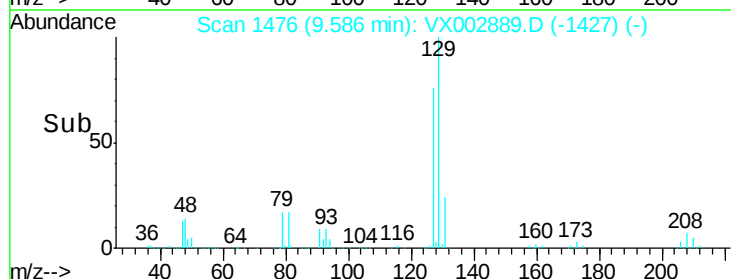
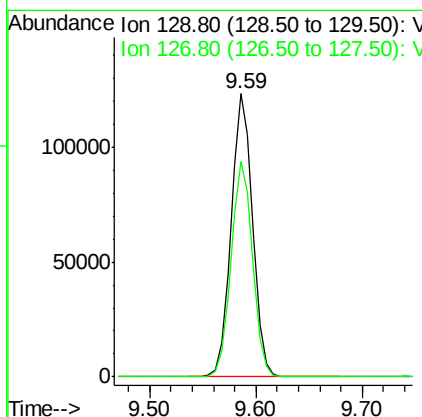
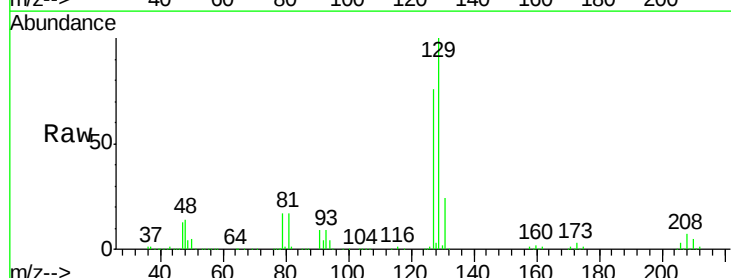
Manual Integrations
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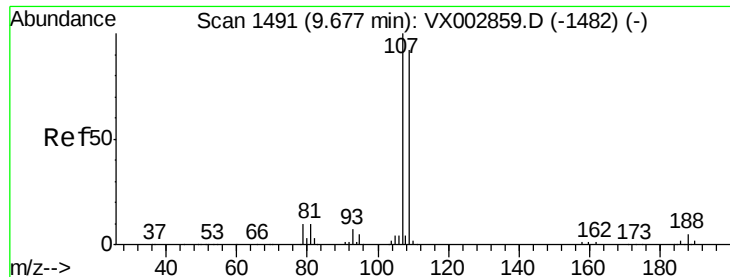
MMDadoda
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#60
Dibromochloromethane
Concen: 52.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 129 Resp: 173290
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 163949

Ion Ratio Lower Upper

107 100

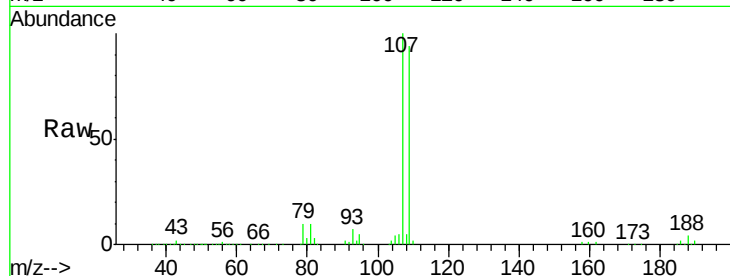
109 93.9 75.3 112.9

Manual Integrations

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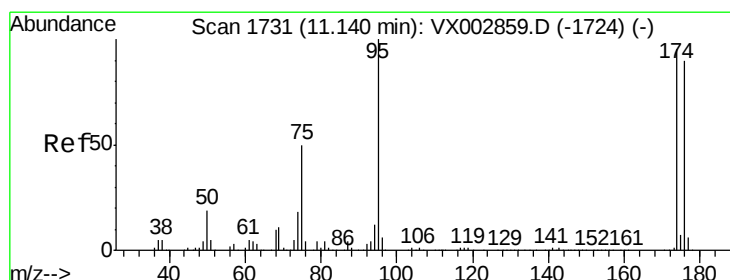
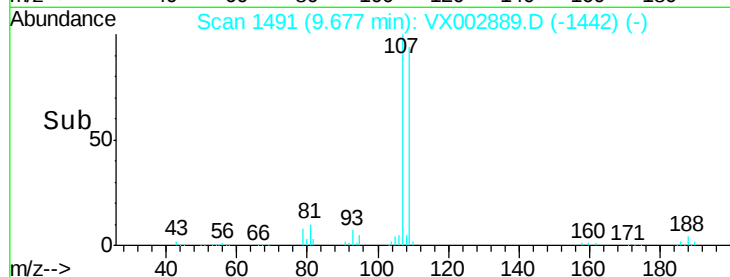
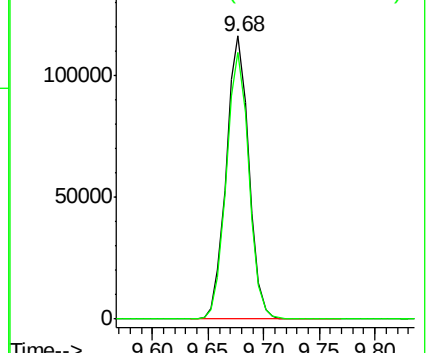
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

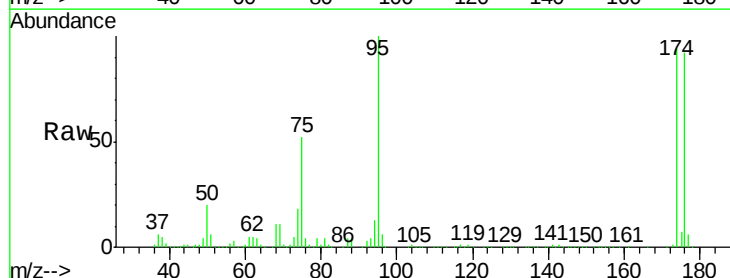
Tgt Ion: 95 Resp: 207518

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

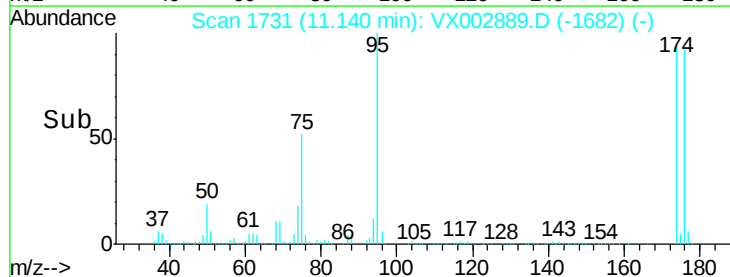
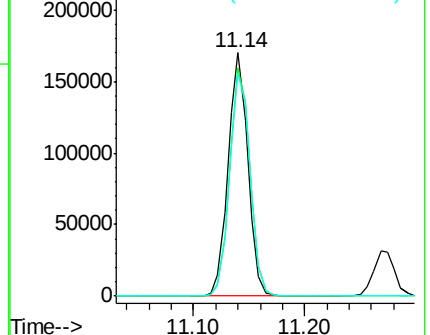
176 95.2 0.0 181.0

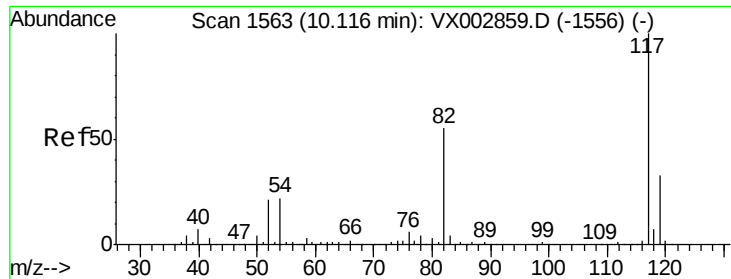


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





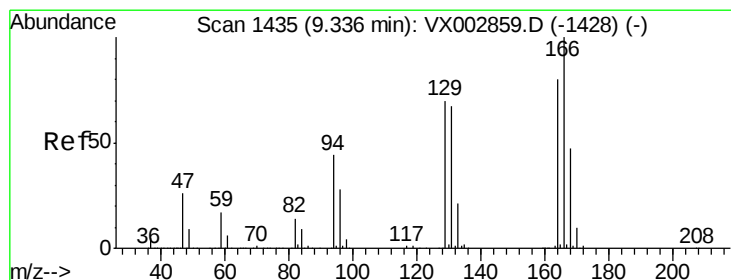
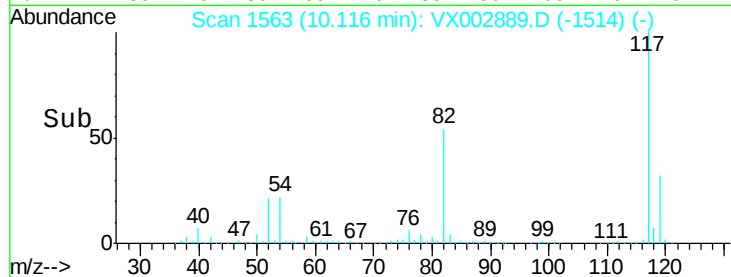
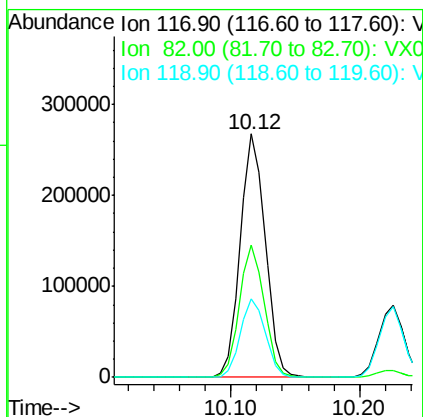
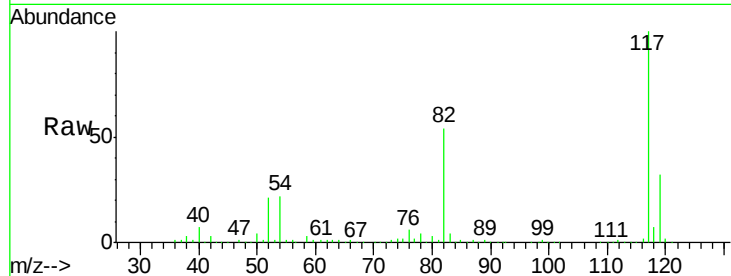
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	32.4	25.8	38.6

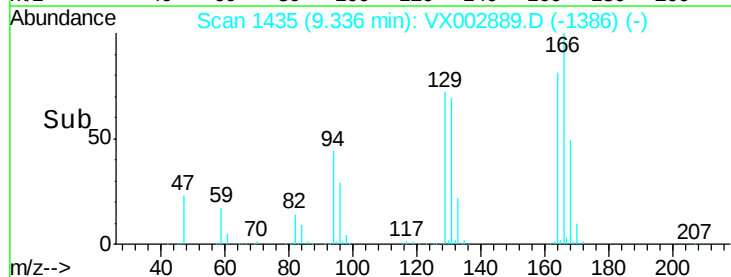
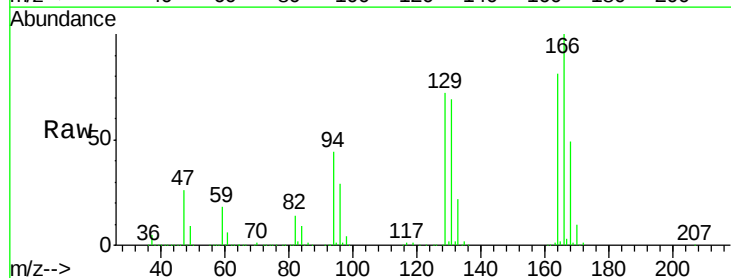
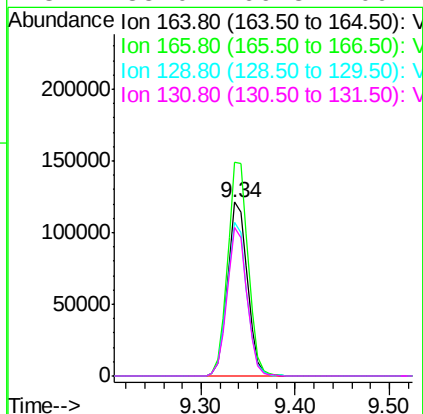
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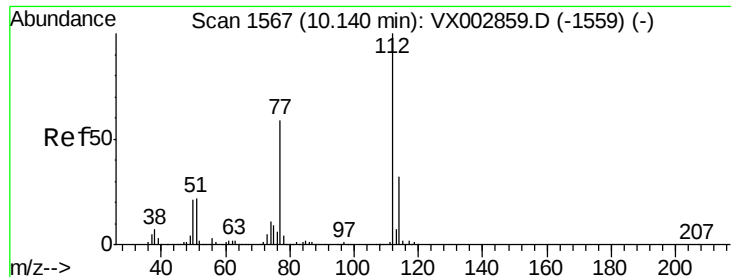
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#64
Tetrachloroethene
Concen: 44.23 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	102.9	154.3
129	88.2	68.6	102.8
131	85.0	66.8	100.2





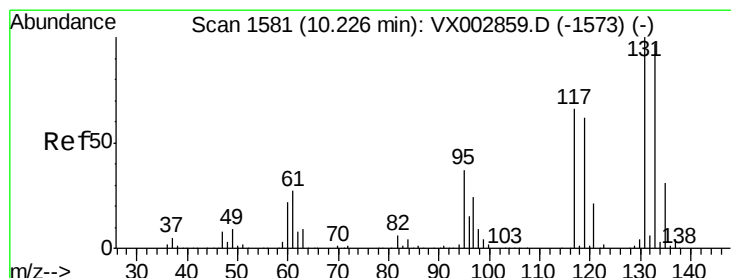
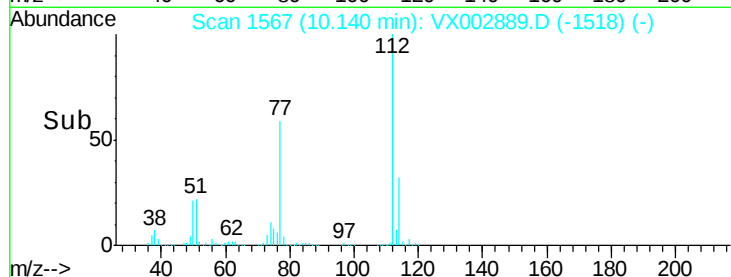
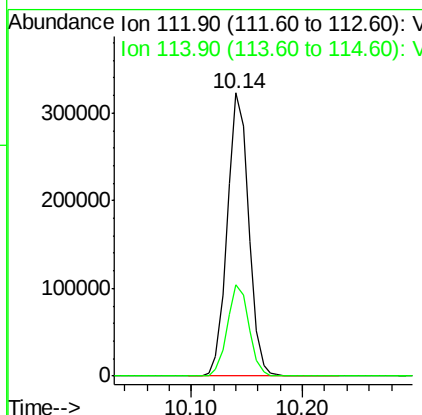
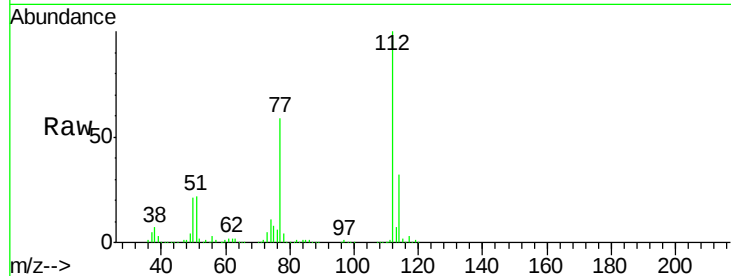
#65
Chlorobenzene
Concen: 46.92 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 429733
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

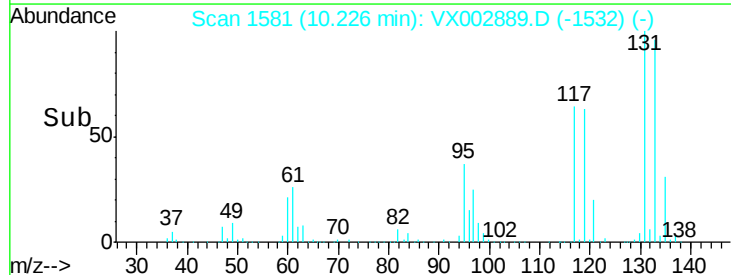
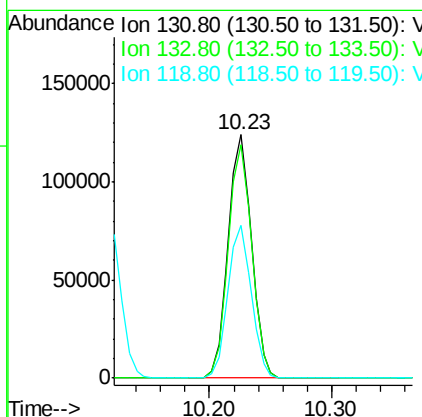
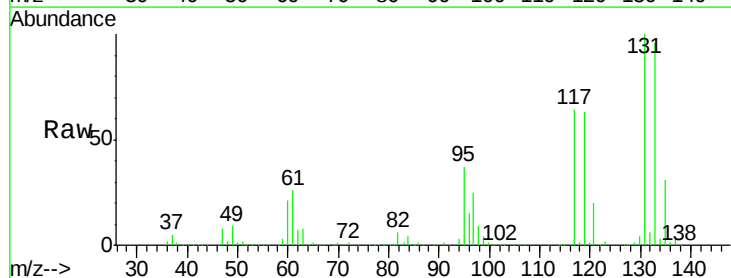
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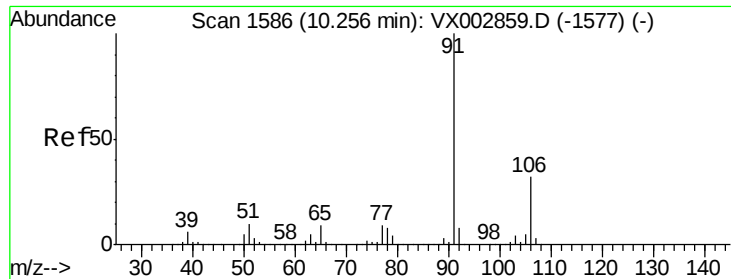
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.19 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion:131 Resp: 163644
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 62.6 31.8 95.3





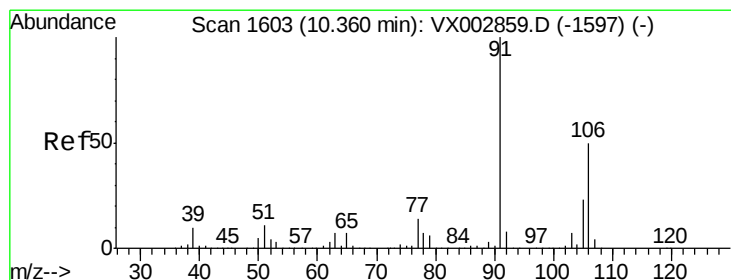
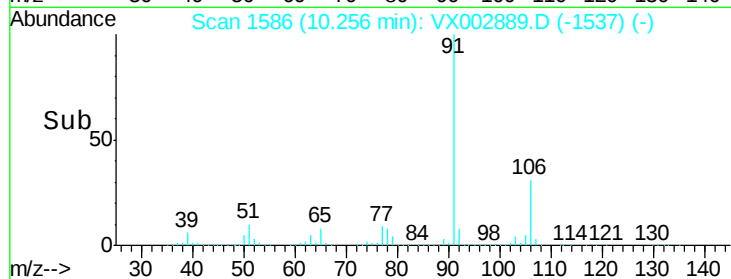
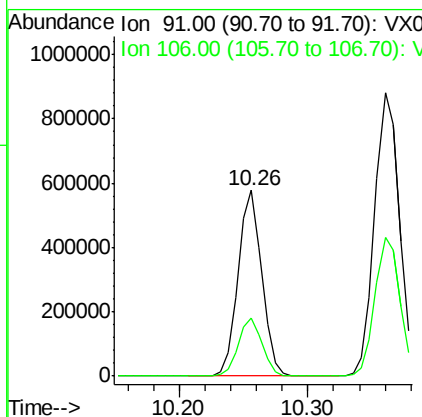
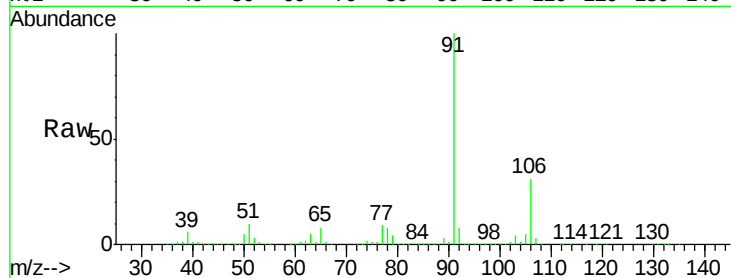
#67
Ethyl Benzene
Concen: 48.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 740120
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

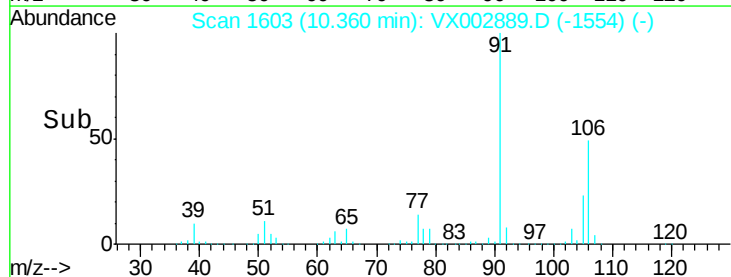
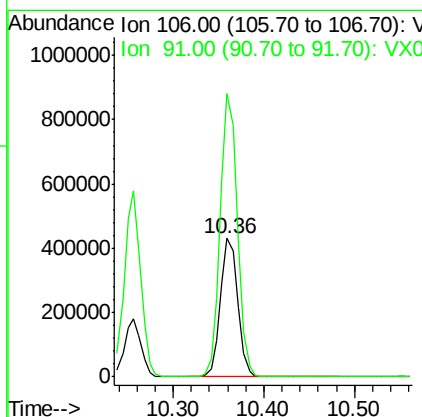
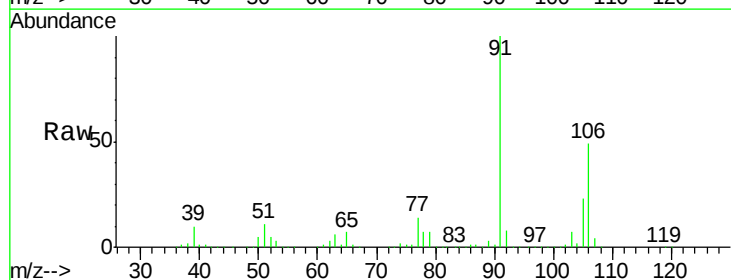
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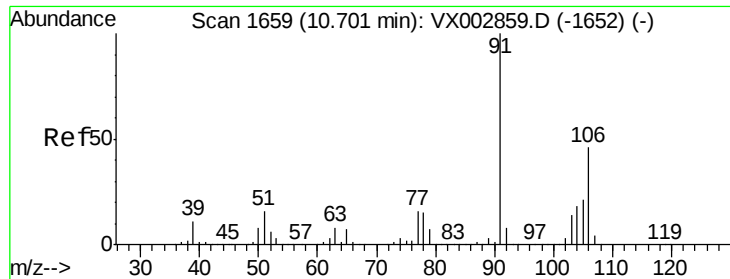
MMDadoda
6/28/2018 2:26:33 PM



#68
m/p-Xylenes
Concen: 98.54 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 106 Resp: 574567
Ion Ratio Lower Upper
106 100
91 203.8 163.4 245.2





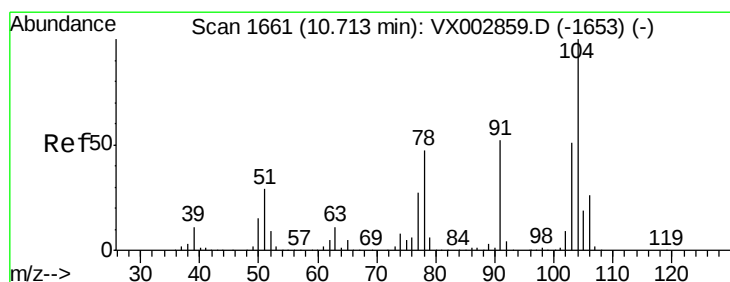
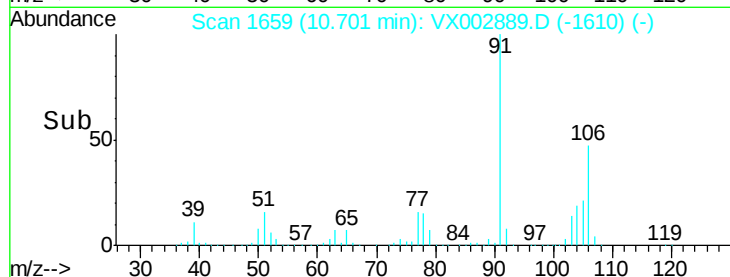
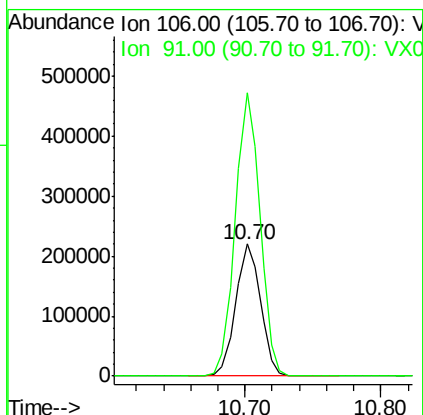
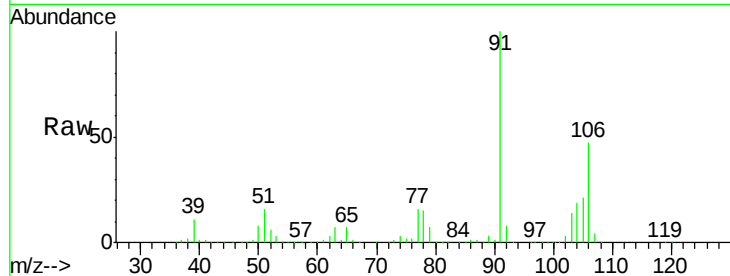
#69
o-Xylene
Concen: 49.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.2	108.2	324.6

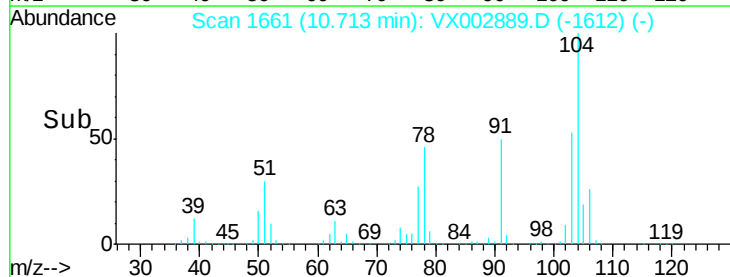
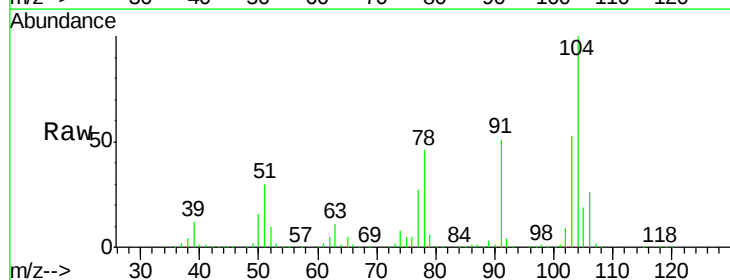
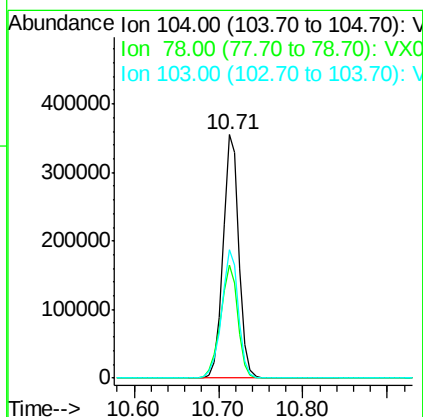
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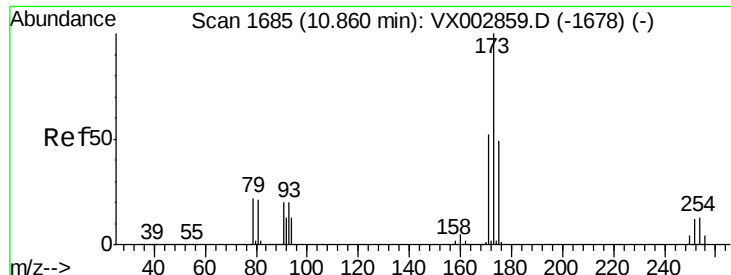
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#70
Styrene
Concen: 49.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.0	61.6
103	56.5	44.2	66.4





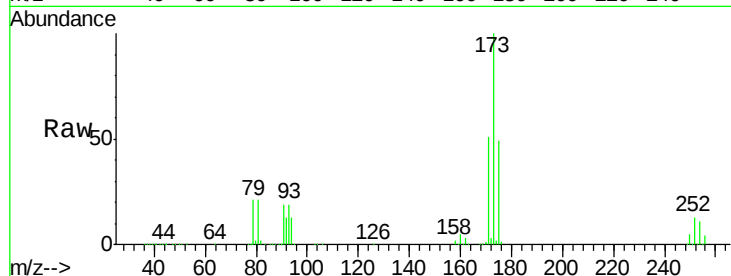
#71
Bromoform
Concen: 46.40 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

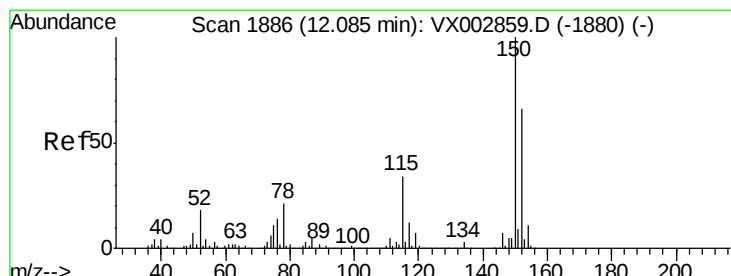
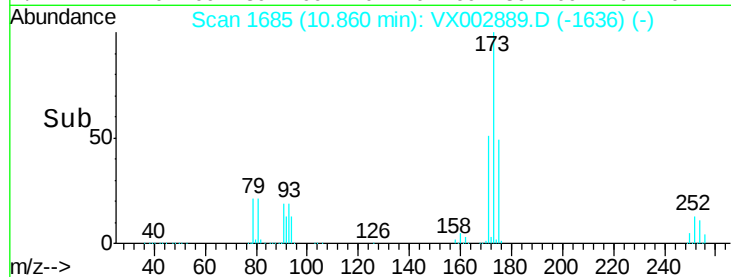
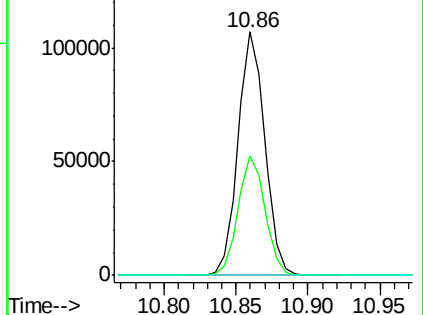
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2

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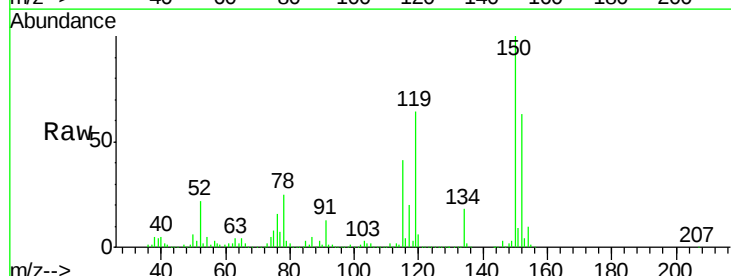


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

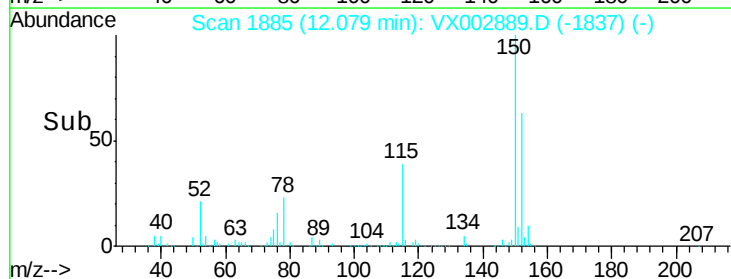
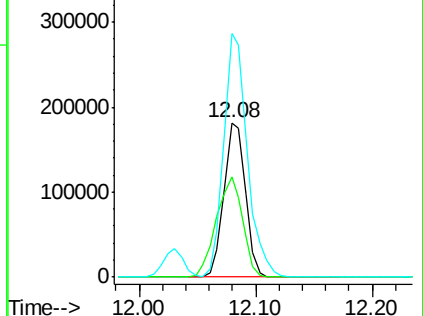


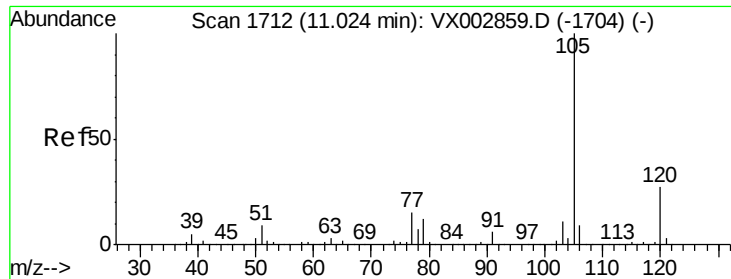
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	40.1	120.2
150	172.7	0.0	347.2



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





#73

Isopropylbenzene

Concen: 49.20 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 765764

Ion Ratio Lower Upper

105 100

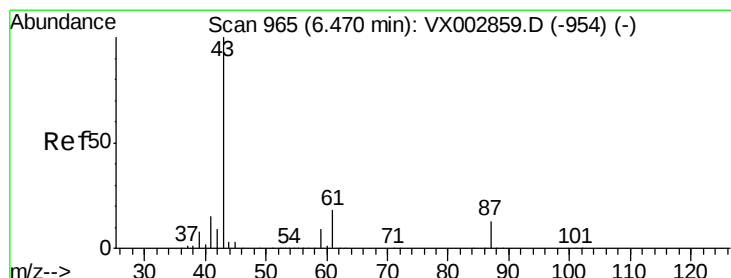
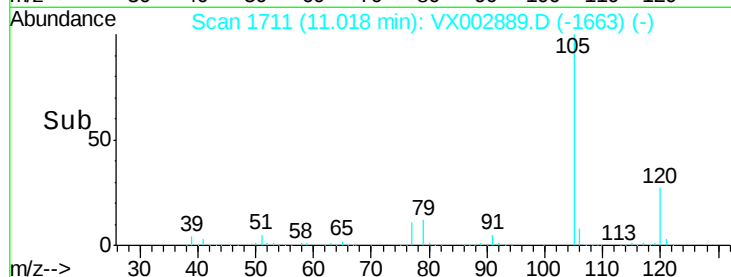
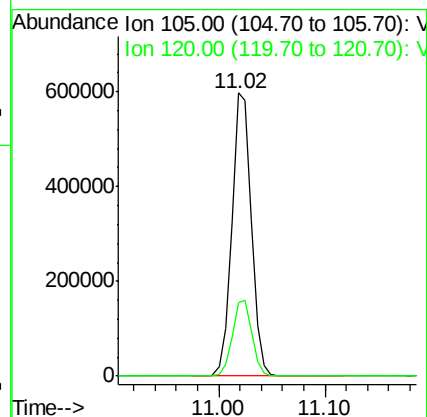
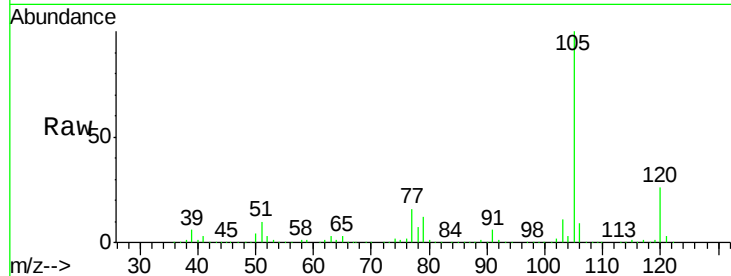
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion: 43 Resp: 360503

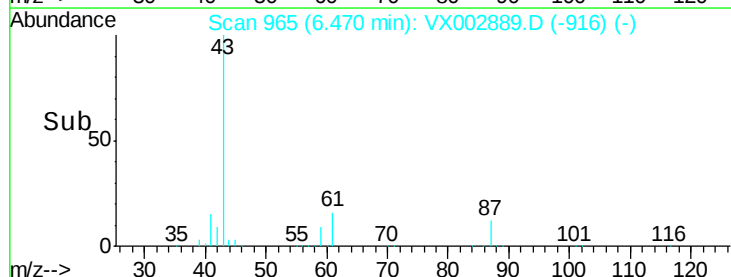
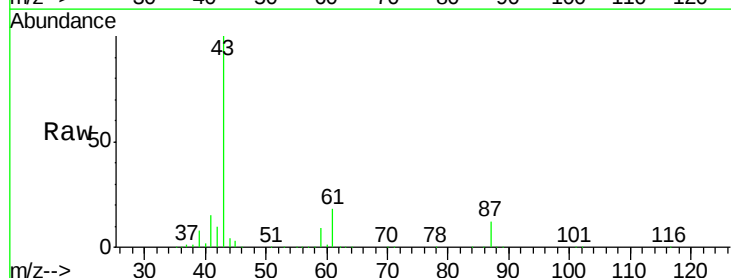
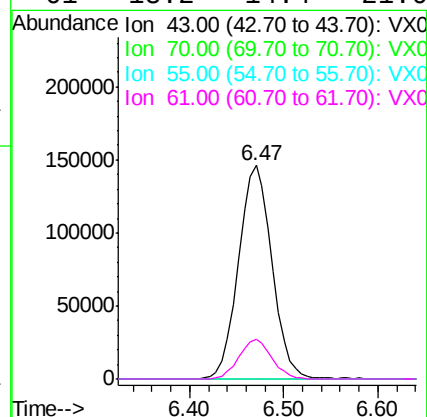
Ion Ratio Lower Upper

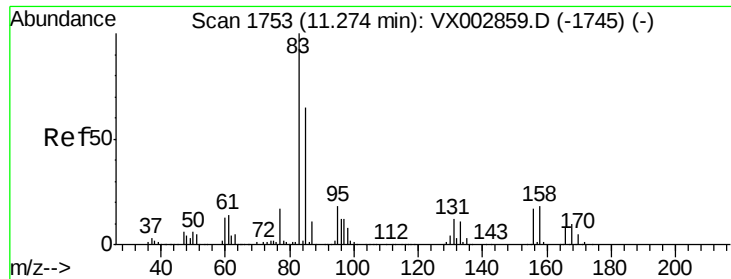
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 242625

Ion Ratio Lower Upper

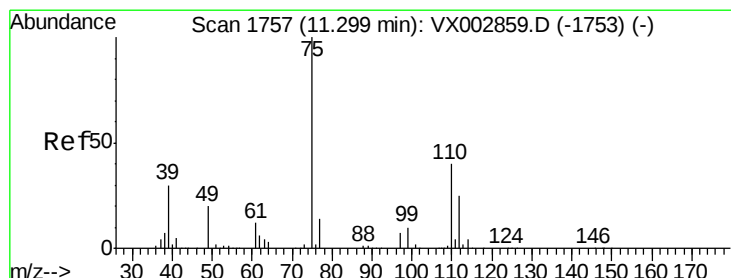
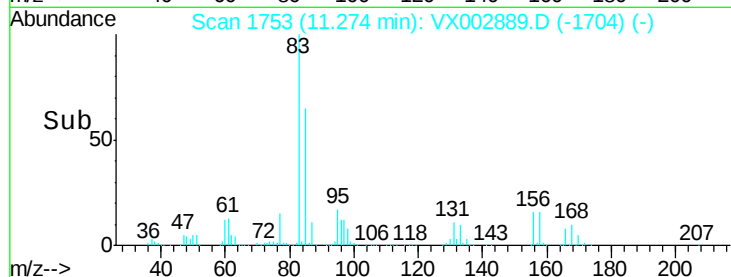
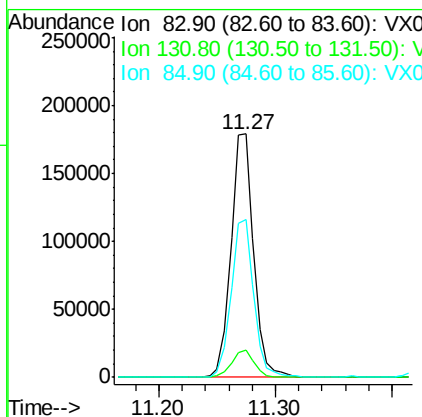
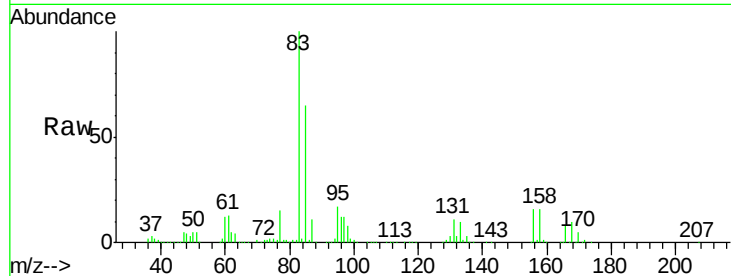
83 100

131 11.0 5.6 16.8

85 64.8 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.31 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002889.D

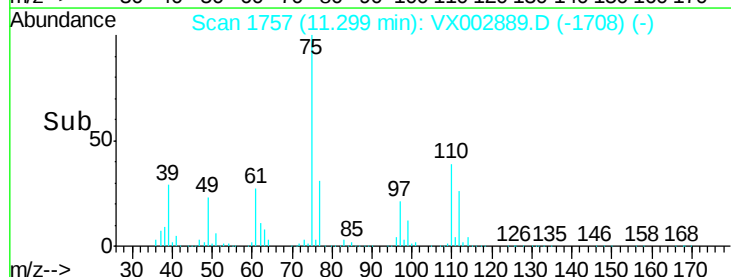
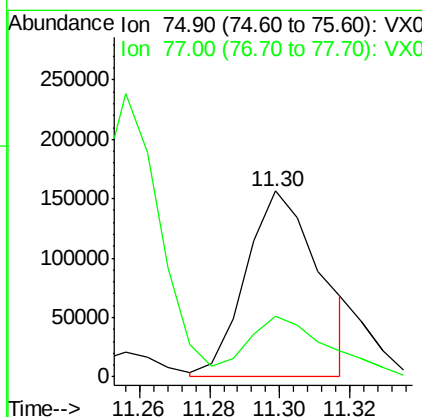
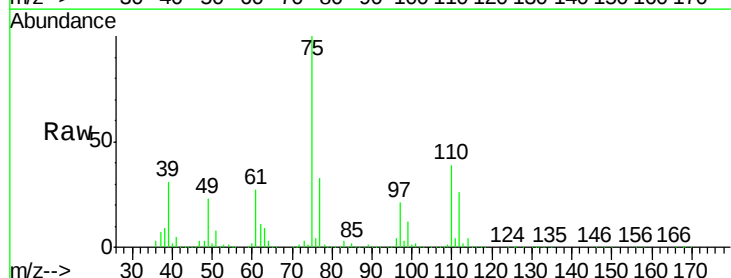
Acq: 26 Jun 2018 04:45

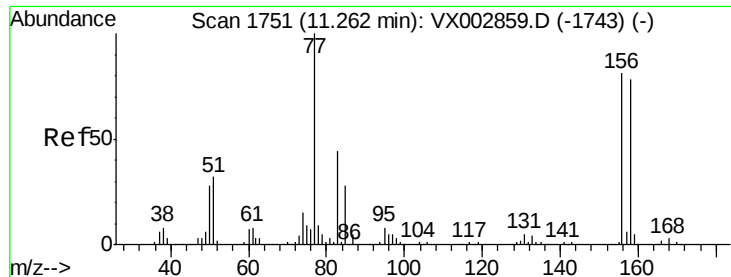
Tgt Ion: 75 Resp: 227596

Ion Ratio Lower Upper

75 100

77 36.0 22.8 68.3





#77

Bromobenzene

Concen: 47.72 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

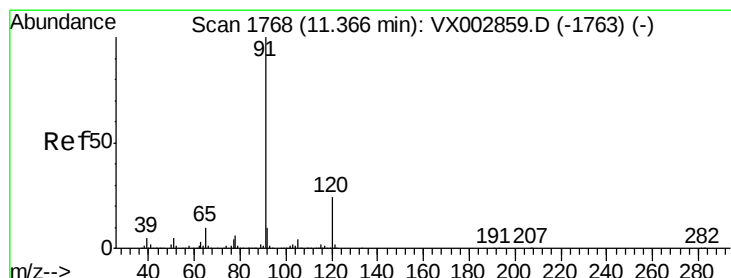
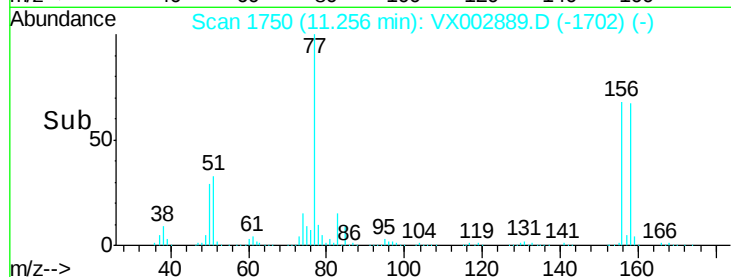
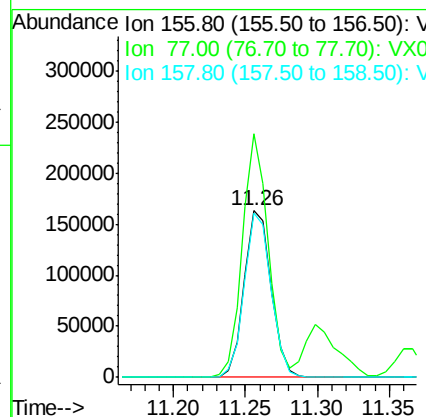
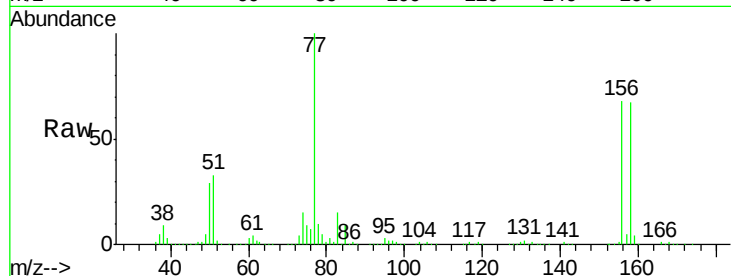
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	211531
Ion Ratio	Lower	Upper	
156	100		
77	139.6	71.4	214.2
158	98.1	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.41 ug/l

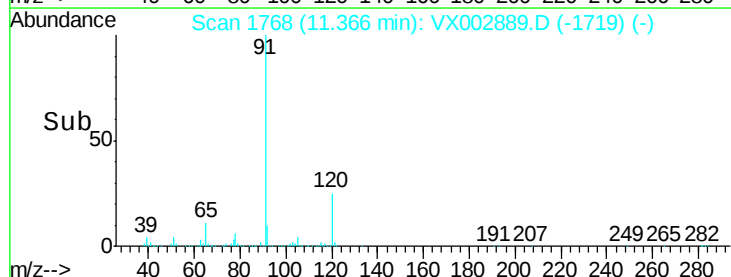
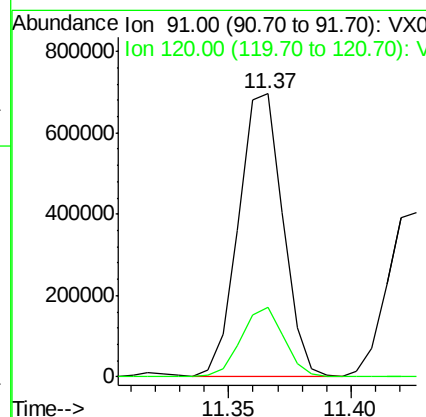
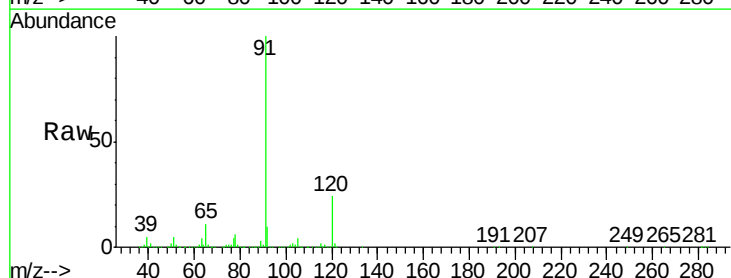
RT: 11.37 min Scan# 1768

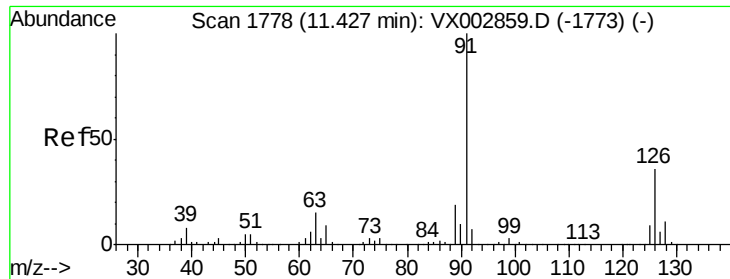
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	91	Resp:	875434
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4





#79

2-Chlorotoluene

Concen: 48.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 520902

Ion Ratio Lower Upper

91 100

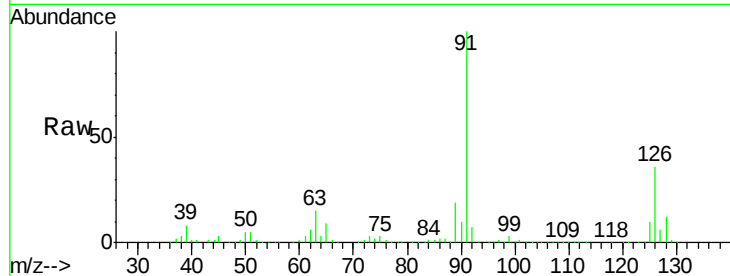
126 35.3 17.7 53.1

Manual Integrations

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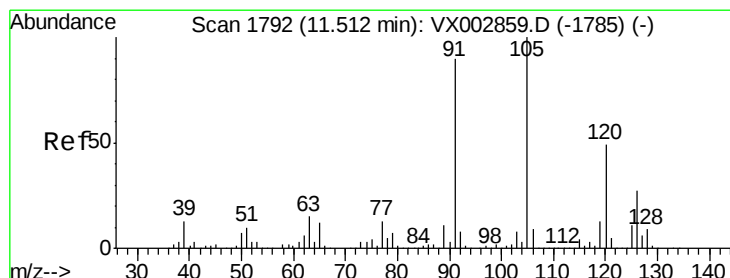
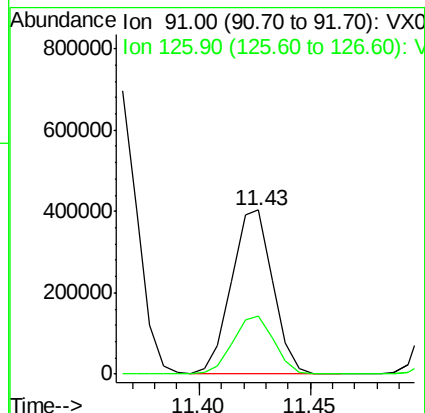
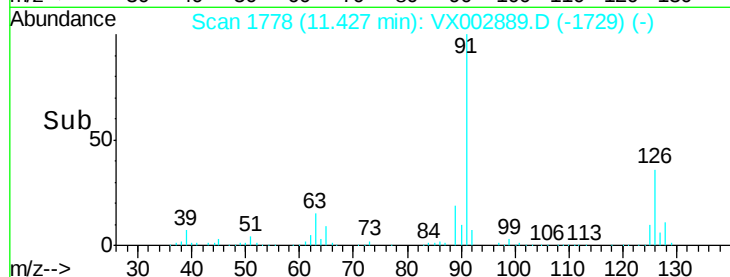
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Abundance Ion 91.00 (90.70 to 91.70): VX002889.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002889.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002889.D

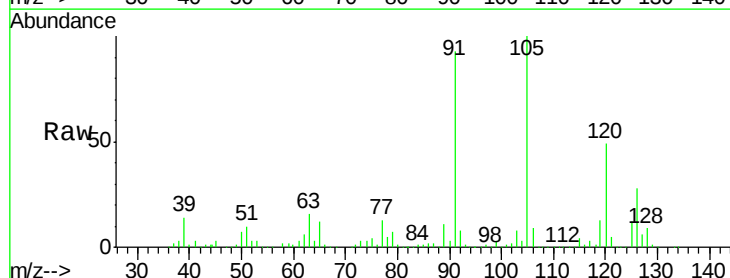
Acq: 26 Jun 2018 04:45

Tgt Ion: 105 Resp: 651329

Ion Ratio Lower Upper

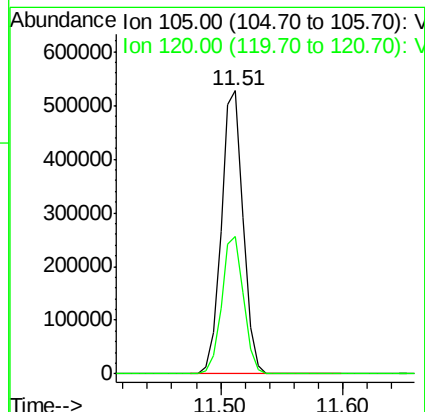
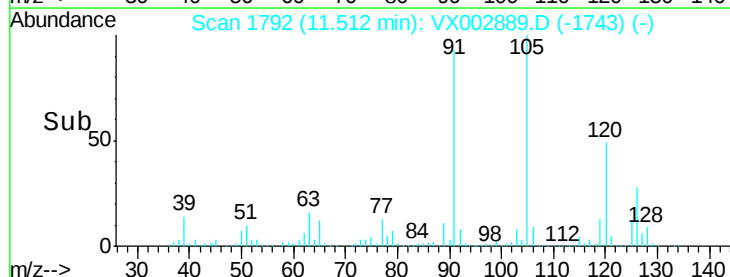
105 100

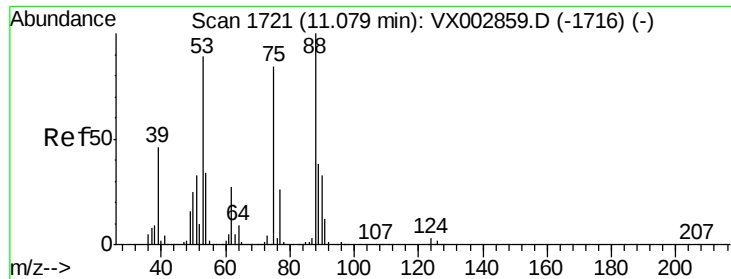
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002889.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002889.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 36.43 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 51202

Ion Ratio Lower Upper

75 100

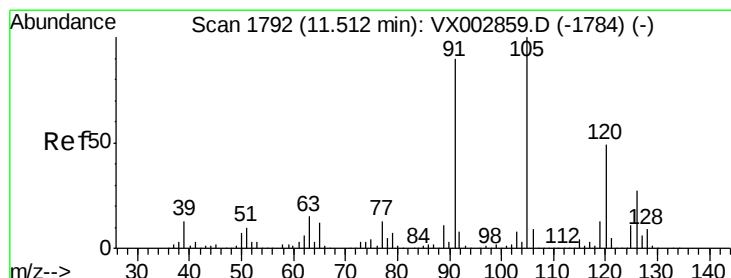
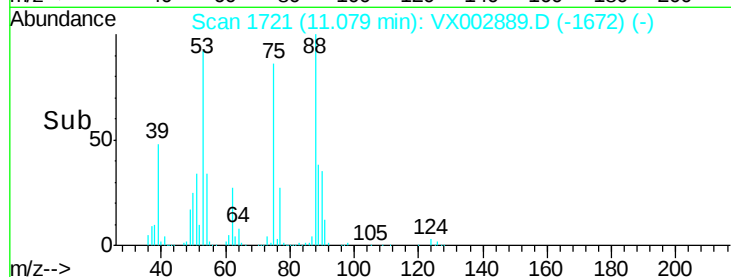
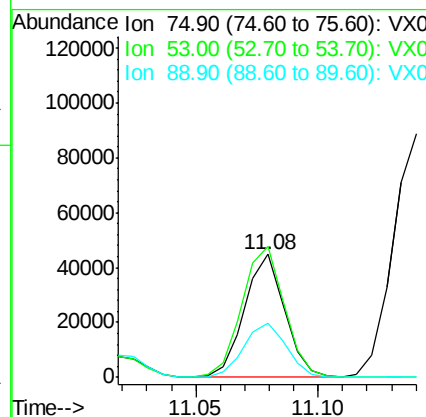
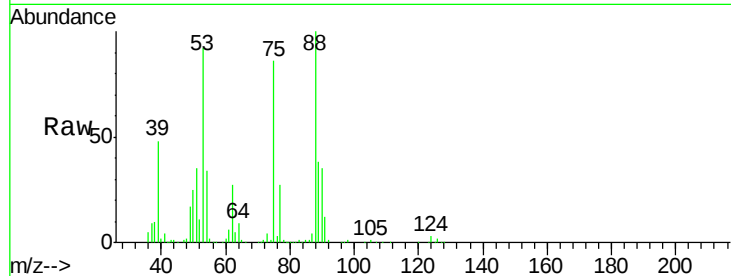
53 112.6 86.8 130.2

89 47.4 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002889.D

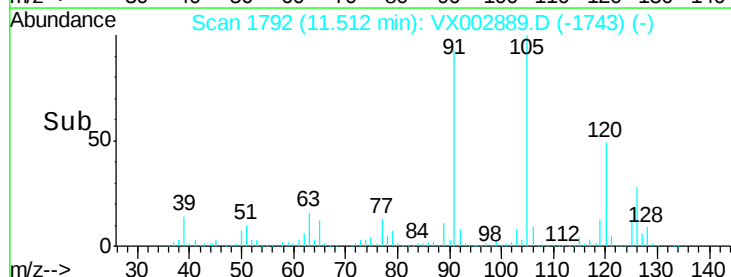
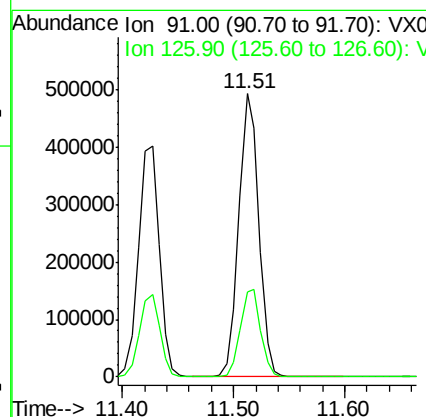
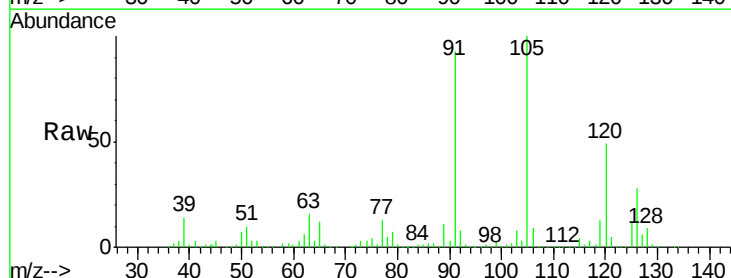
Acq: 26 Jun 2018 04:45

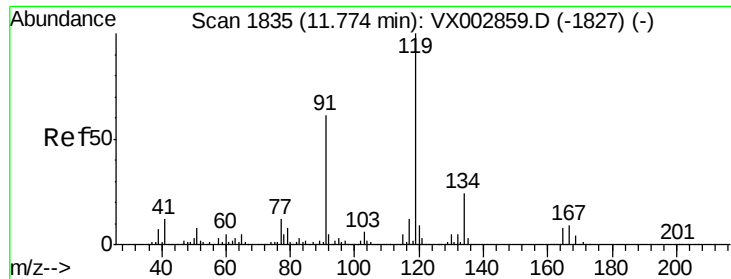
Tgt Ion: 91 Resp: 614394

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4





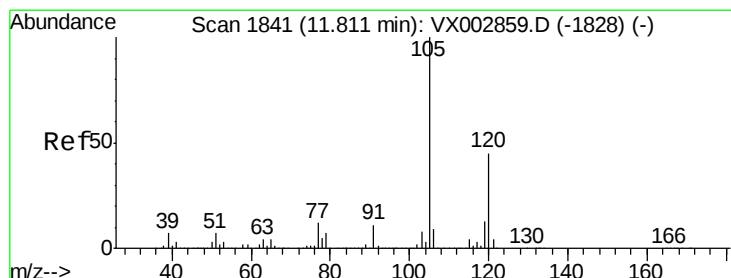
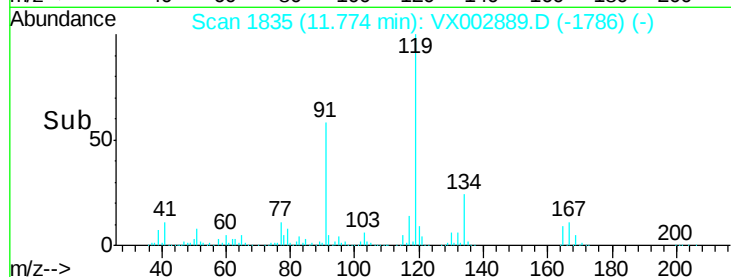
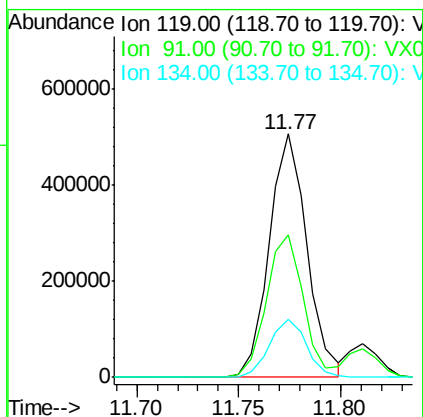
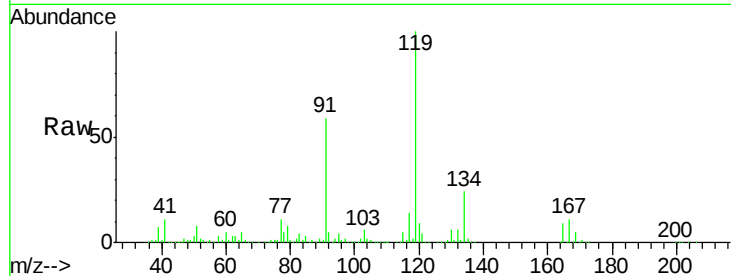
#83
tert-Butylbenzene
Concen: 50.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	30.3	90.9
134	23.4	11.7	35.1

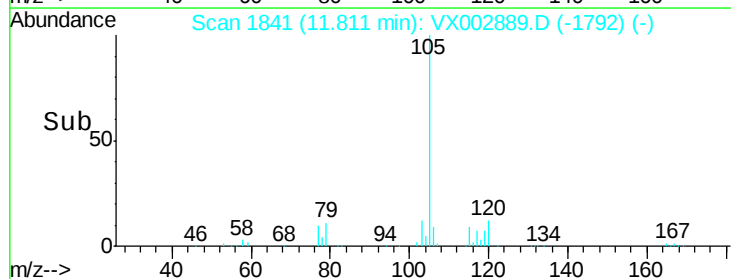
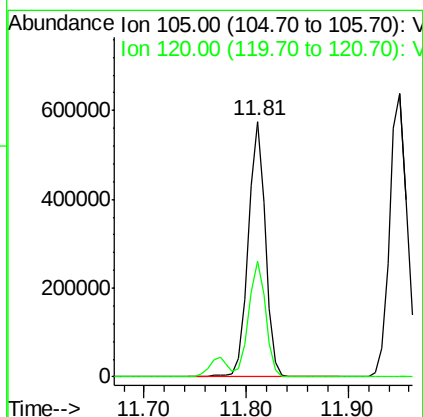
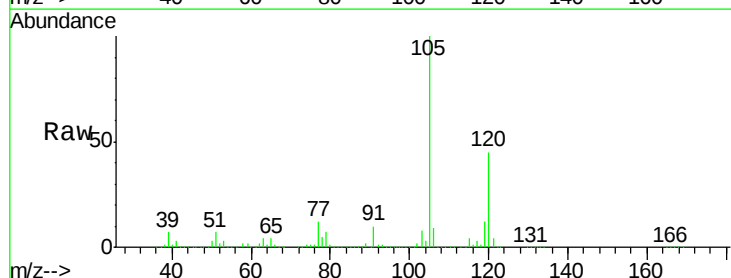
Manual Integrations
APPROVED

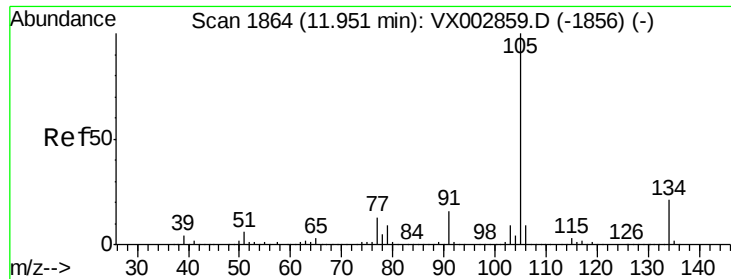
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#84
1,2,4-Trimethylbenzene
Concen: 49.18 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 768116

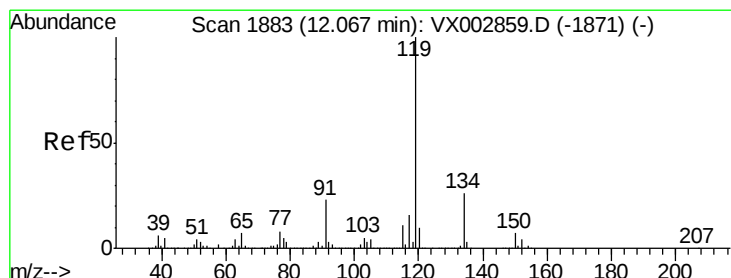
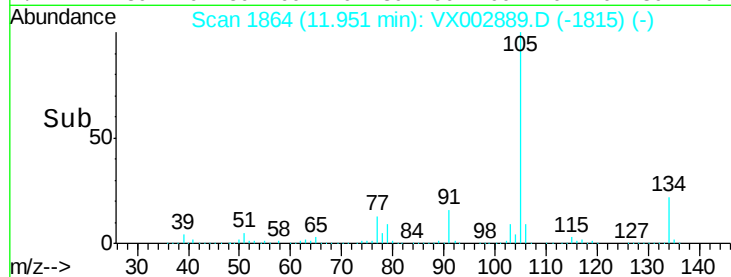
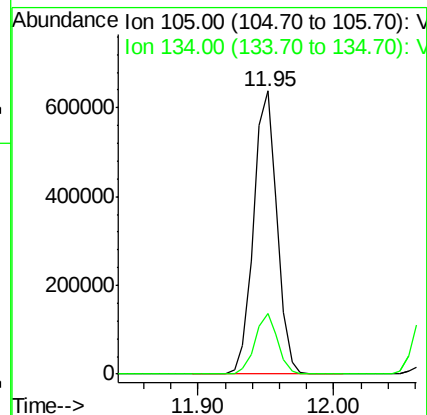
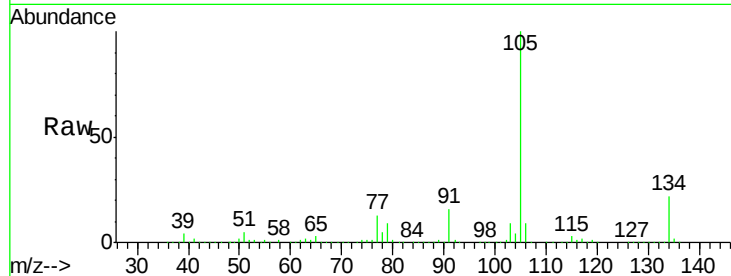
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

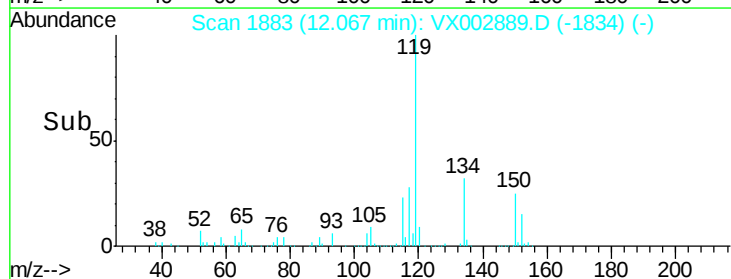
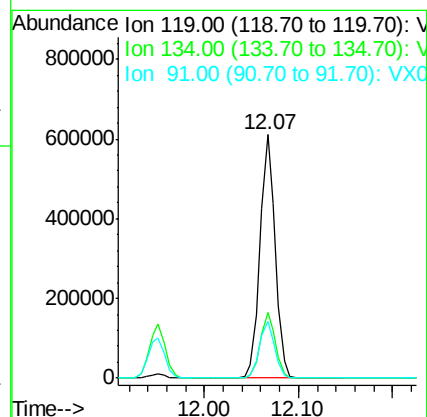
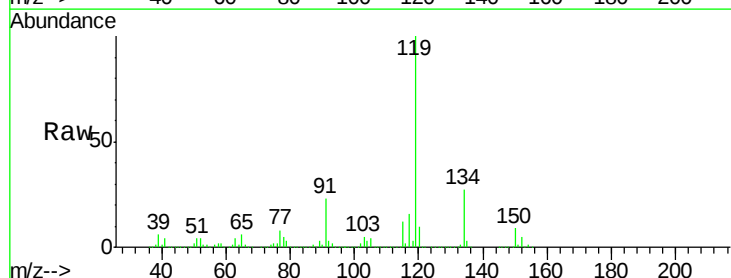
Tgt Ion:119 Resp: 697601

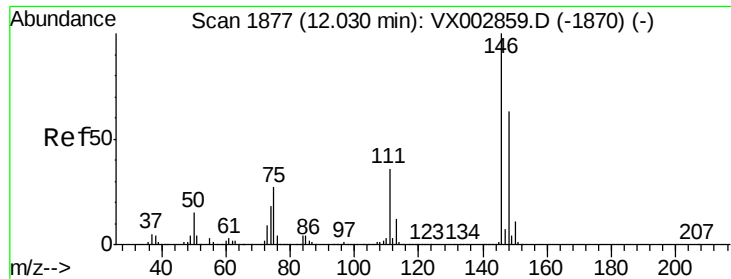
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 47.64 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 385656

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

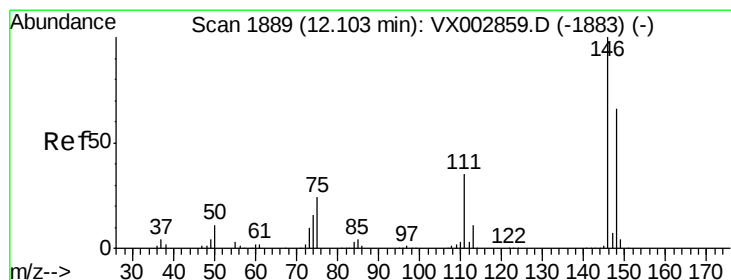
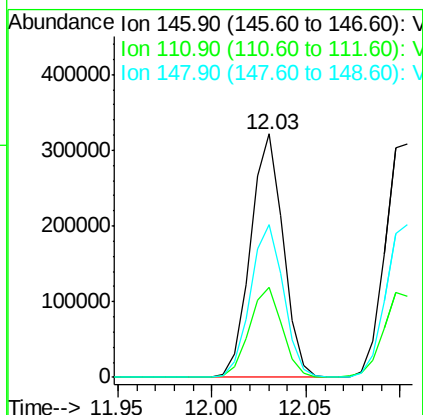
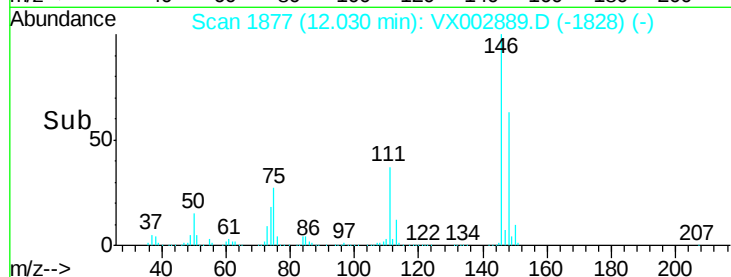
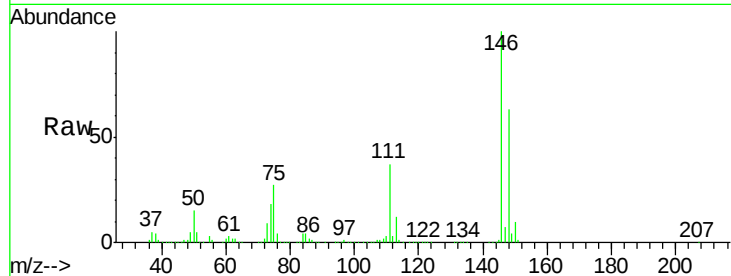
148 63.8 32.1 96.3

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 47.30 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

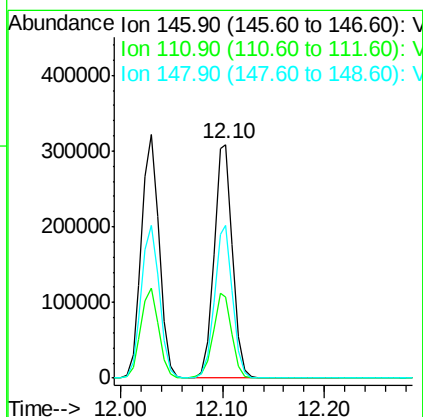
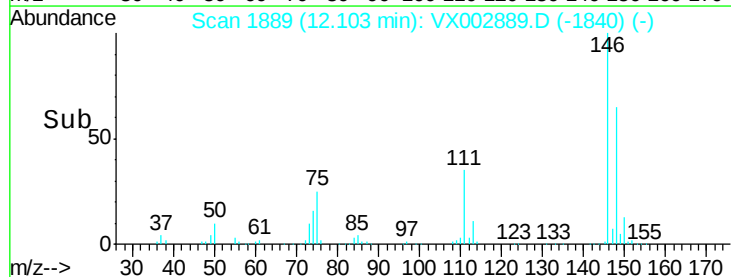
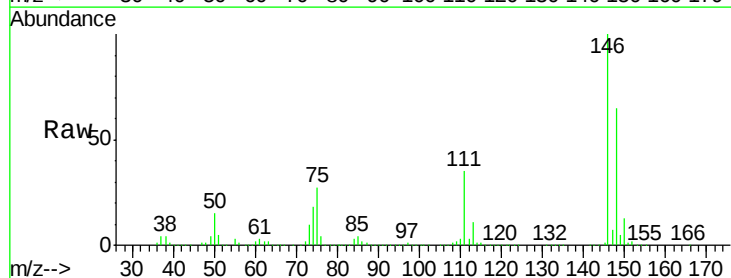
Tgt Ion:146 Resp: 394047

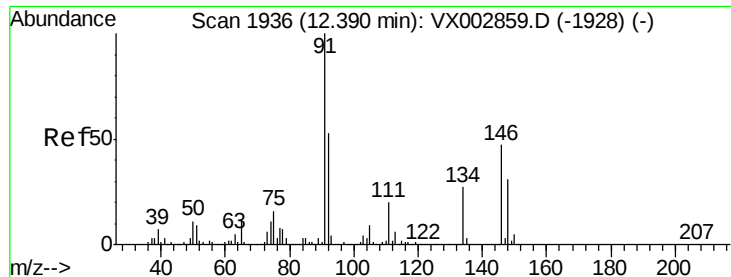
Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

148 64.0 32.4 97.0





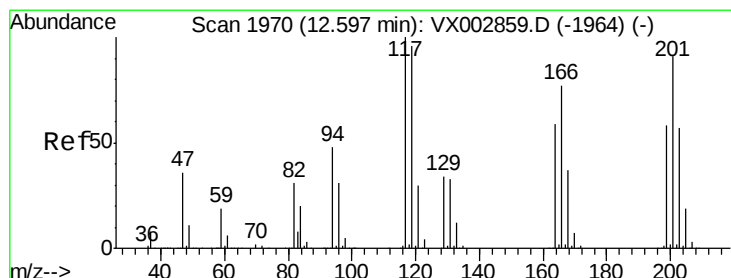
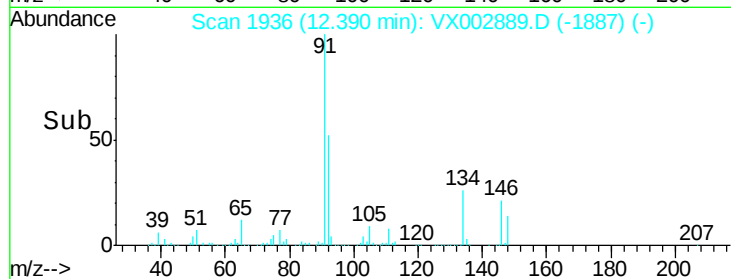
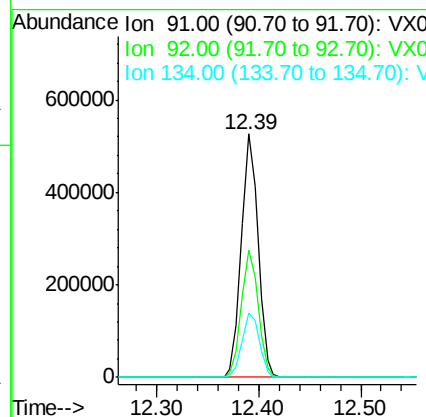
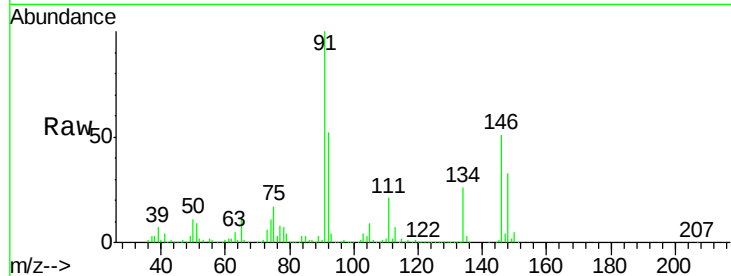
#89
n-Butylbenzene
Concen: 48.31 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	27.2	13.5	40.5

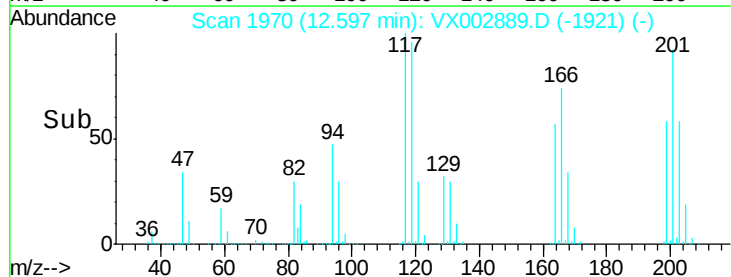
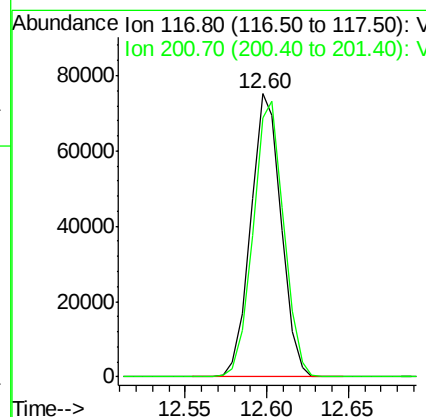
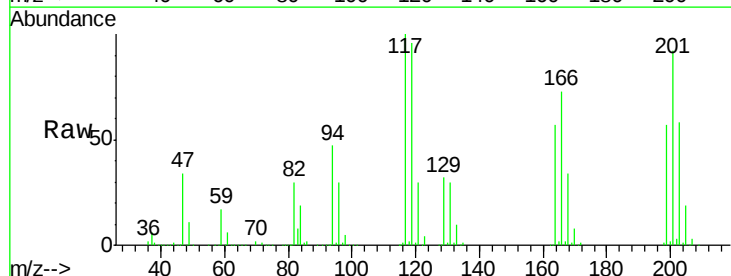
Manual Integrations
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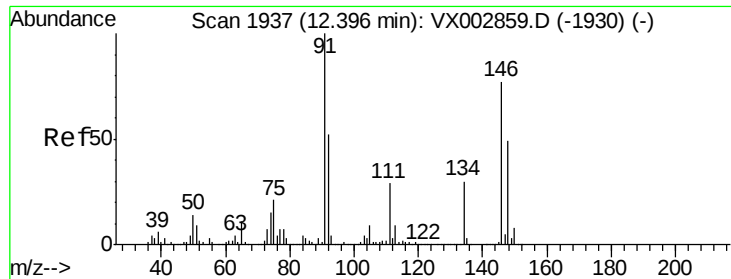
MMDadoda
6/28/2018 2:26:33 PM



#90
Hexachloroethane
Concen: 46.64 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	49.0	147.0





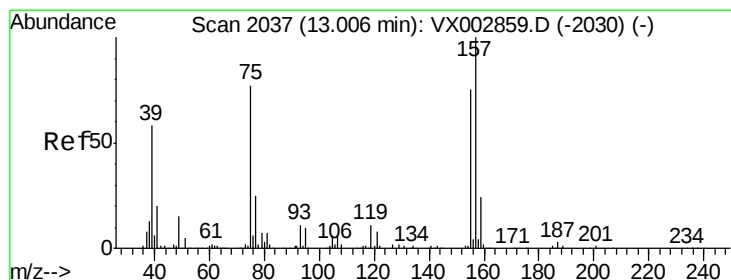
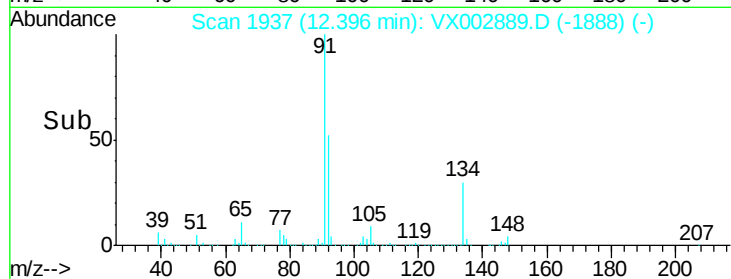
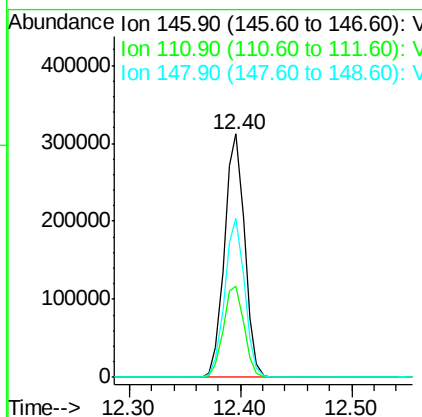
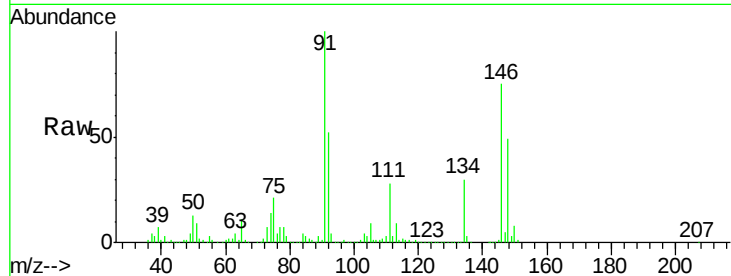
#91
1,2-Dichlorobenzene
Concen: 47.62 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.5	31.7	95.1

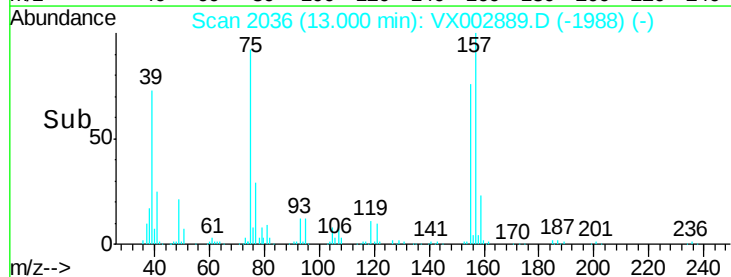
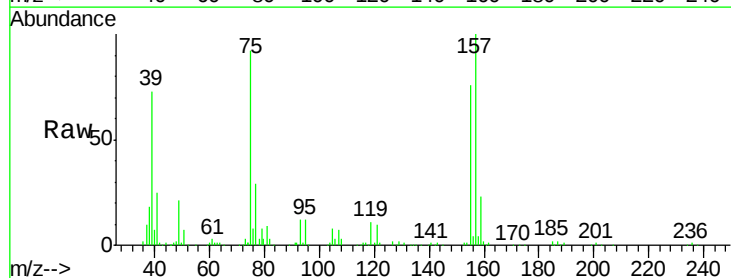
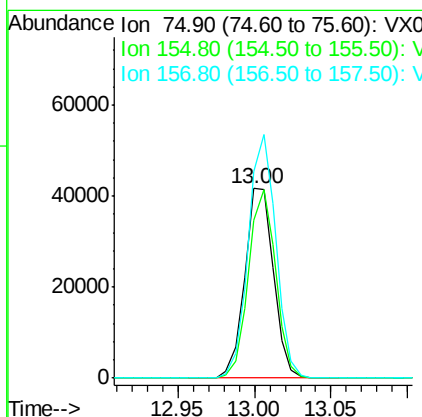
Manual Integrations
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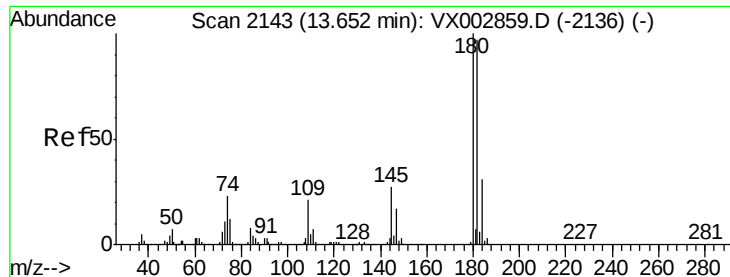
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#92
1,2-Dibromo-3-Chloropropane
Concen: 50.30 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. -0.01 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	45.8	137.4
157	123.4	60.1	180.3





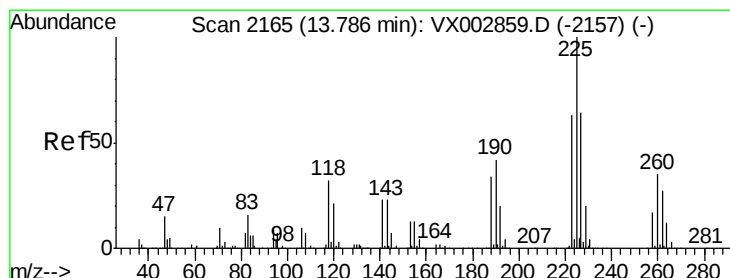
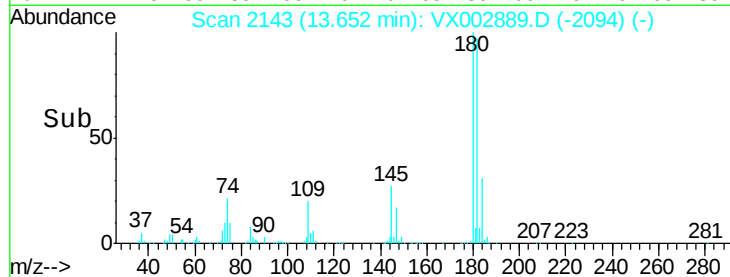
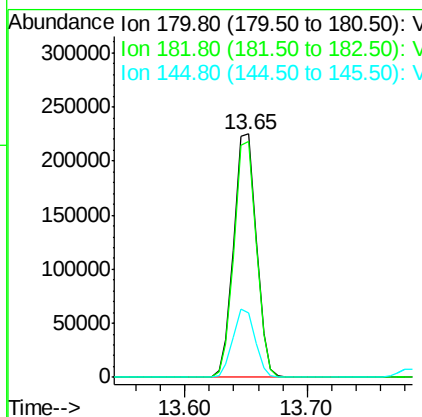
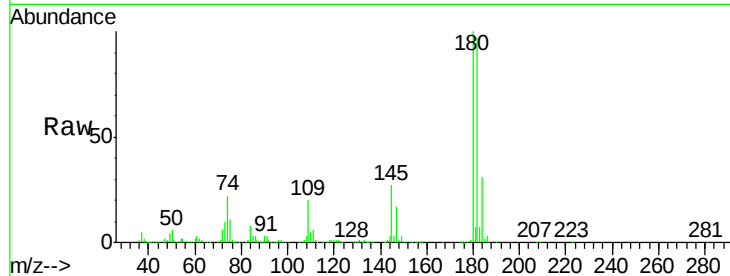
#93
 1,2,4-Trichlorobenzene
 Concen: 48.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286405		
182	96.1	47.7	143.1	
145	27.7	14.1	42.4	

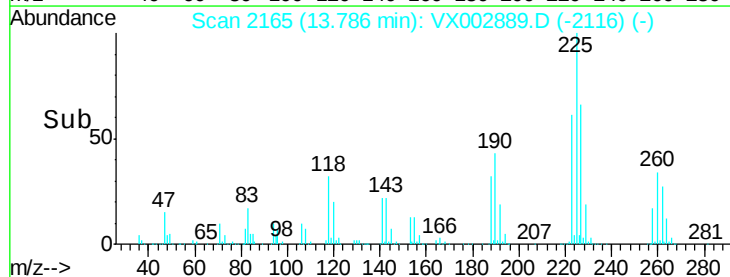
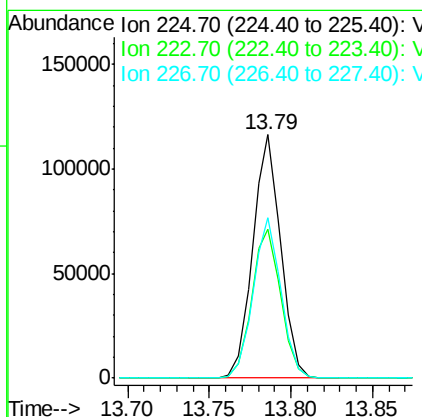
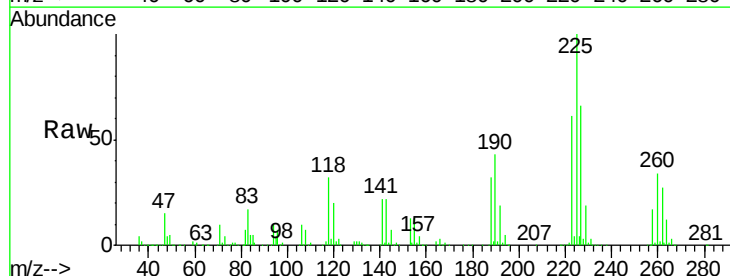
Manual Integrations
 APPROVED

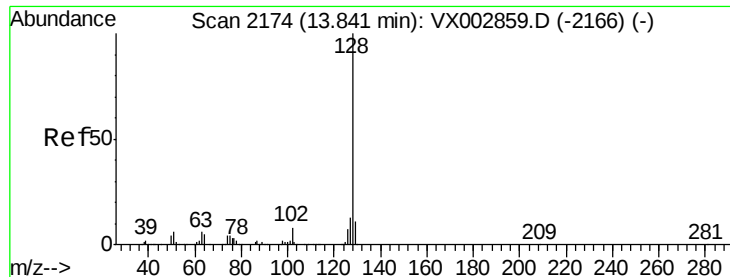
MMDadoda
 6/28/2018 2:26:33 PM



#94
 Hexachlorobutadiene
 Concen: 46.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138433		
223	63.2	31.6	95.0	
227	65.2	32.4	97.2	





#95

Naphthalene

Concen: 51.36 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

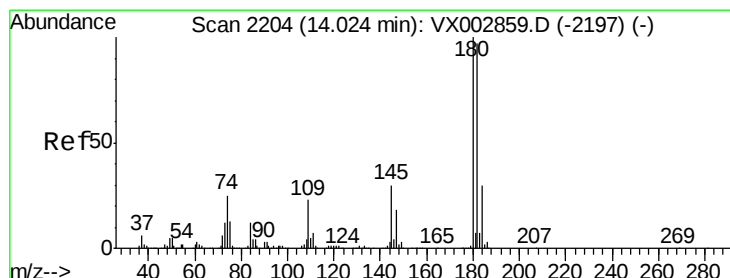
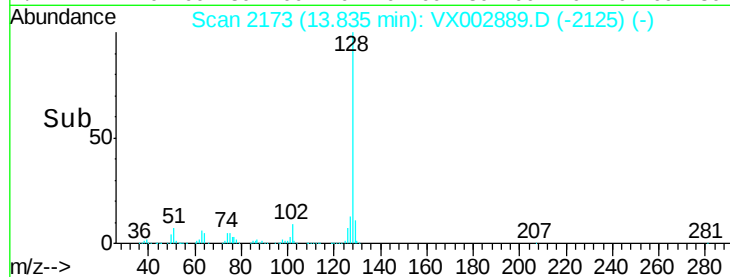
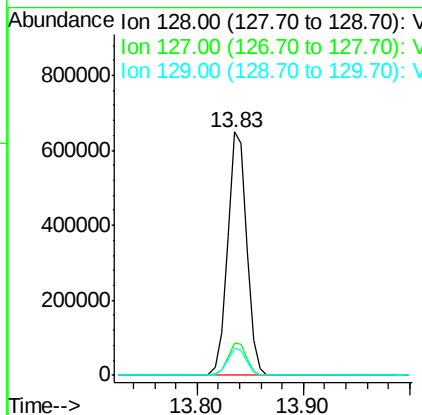
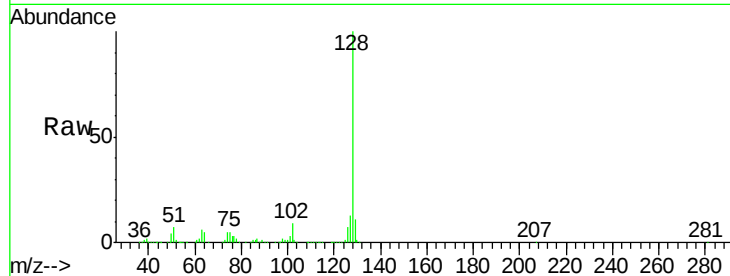
ClientSampled :

VSTDCCC050EC

Tot Ion:	128	Resp:	813447
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 49.28 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:	180	Resp:	292684
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.5	14.8	44.3

